

Technical Reference



MTM400A, IPM400A, QAM400A, and RFM300 DTV Monitors Test Parameter and Configuration File

077-0177-01

This document applies to firmware versions 4.5 and above.

Warning

The servicing instructions are for use by qualified personnel only. To avoid personal injury, do not perform any servicing unless you are qualified to do so. Refer to all safety summaries prior to performing service.

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- Worldwide, visit www.tektronix.com to find contacts in your area.

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General Safety Summary

Review the following safety precautions to avoid injury and prevent damage to this product or any products connected to it.

To avoid potential hazards, use this product only as specified.

Only qualified personnel should perform service procedures.

To Avoid Fire or Personal Injury

Use Proper Power Cord. Use only the power cord specified for this product and certified for the country of use.

Ground the Product. This product is indirectly grounded through the grounding conductor of the mainframe power cord. To avoid electric shock, the grounding conductor must be connected to earth ground. Before making connections to the input or output terminals of the product, ensure that the product is properly grounded.

Ground Equipment Connected to the Product. Ensure that any equipment connected to this product is grounded and at the same potential.

Observe All Terminal Ratings. To avoid fire or shock hazard, observe all ratings and markings on the product. Consult the product manual for further ratings information before making connections to the product.

Do Not Operate Without Covers. Do not operate this product with covers or panels removed.

Use Proper Fuse. Use only the fuse type and rating specified for this product.

Avoid Exposed Circuitry. Do not touch exposed connections and components when power is present.

Do Not Operate With Suspected Failures. If you suspect there is damage to this product, have it inspected by qualified service personnel.

Do Not Operate in Wet/Damp Conditions.

Do Not Operate in an Explosive Atmosphere.

Keep Product Surfaces Clean and Dry.

Provide Proper Ventilation. Refer to the manual's installation instructions for details on installing the product so it has proper ventilation.

Symbols and Terms

Terms in this Manual. These terms may appear in this manual:



WARNING. *Warning statements identify conditions or practices that could result in injury or loss of life.*



CAUTION. *Caution statements identify conditions or practices that could result in damage to this product or other property.*

Terms on the Product. These terms may appear on the product:

DANGER indicates an injury hazard immediately accessible as you read the marking.

WARNING indicates an injury hazard not immediately accessible as you read the marking.

CAUTION indicates a hazard to property including the product.

Symbols on the Product. The following symbols may appear on the product:



CAUTION
Refer to Manual



Protective Ground
(Earth) Terminal

Service Safety Summary

Only qualified personnel should perform service procedures. Read this *Service Safety Summary* and the *General Safety Summary* before performing any service procedures.

Do Not Service Alone. Do not perform internal service or adjustments of this product unless another person capable of rendering first aid and resuscitation is present.

Disconnect Power. To avoid electric shock, switch off the instrument power, then disconnect the power cord from the mains power.

Use Care When Servicing With Power On. Dangerous voltages or currents may exist in this product. Disconnect power, remove battery (if applicable), and disconnect test leads before removing protective panels, soldering, or replacing components.

To avoid electric shock, do not touch exposed connections.

Use only Tektronix approved components when servicing the unit.

Preface

This manual contains the following information about the DTV Monitors (MTM400A, IPM400A, QAM400A, and RFM300):

- *Test Parameters* describes the tests performed by the DTV Monitors; it also describes the associated parameters. This section provides the following cross-referenced information:
 - The Standards Tests section (page 1-3) identifies the tests and event identities associated with each of the DTV standards; some additional categories are also included.
 - Event Identity to Test Name (page 1-49); includes a brief description of the test, the applicable standards and the associated parameters.
 - Test Name to Event Identity (page 1-157) is a cross-reference between Test Names and Event identities.
 - The Parameter Reference subsection (page 1-183) lists all available parameters.
 - Event SNMP Traps tables (page 1-241) lists the SNMP (Simple Network Management Protocol) traps available for each event.
- *Configuration File* describes the structure and composition of the DTV Monitor's configuration file.

Model Numbers

This document describes the test parameters and configuration file of the DTV Monitors, including the MTM400A, IPM400A, QAM400A, RFM300, and the MTM400 instruments.

Related Material

Additional documentation, such as Read Me files, may be included on the documentation disk.

Table i: Related user documentation

Item (Tektronix Part Number)	Purpose
MTM400A DTV Monitor Quick Start User Manual (071-2492-xx English, 071-2493-xx Japanese)	Provides installation and high-level operational overviews
IPM400A DTV Monitor Quick Start User Manual (071-2698-xx English)	Provides installation and high-level operational overviews
QAM400A DTV Monitor Quick Start User Manual (071-2784-xx English)	Provides installation and high-level operational overviews
RFM300 DTV Monitor Quick Start User Manual (071-2700-xx English)	Provides installation and high-level operational overviews
MTM400A, IPM400A, QAM400A, and RFM300 Technical Reference (077-0175-xx)	Provides in-depth operating information
MTM400A, IPM400A, QAM400A, and RFM300 Specifications and Performance Verification Technical Reference (077-0176-xx)	Provides complete product specifications and a procedure for verifying the operation of the instrument (this document)
MTM400A, IPM400A, QAM400A, and RFM300 Declassification and Security Instructions (077-0179-xx)	Provides instructions for removing your proprietary information from the instrument
MTM400A, IPM400A, QAM400A, and RFM300 Read This First (071-2654-xx)	Describes late breaking product information and operational issues
DTV Monitors Programmer Manual (077-0178-xx)	Provides information about remote command syntax

The following URLs access the Web sites for the standards organizations listed (the URLs listed were valid at the time of writing):

- MPEG-2 standards (International Organization for Standards)
www.iso.org/
- DVB standards (European Technical Standards Institute)
www.etsi.org/
- ATSC standards (Advanced Television Systems Committee)
www.atsc.org/
- ISDB/ARIB standards (Association of Radio Industries and Businesses)
www.arib.or.jp/english/
- SCTE Society of Cable Television Engineers
www.scte.org

Manual Conventions

Naming conventions for the interface elements are based on standard Windows naming conventions. Naming conventions for MPEG-2, ATSC, and DVB structures follow the conventions derived from the standards documents found at the listed Web sites. In addition, the following formatting conventions apply to this manual:

- **Bold** text refers to specific interface elements that you are instructed to select, click, or clear.
Example: Select **Settings** from the Configuration menu.
- Mono-spaced text can indicate the following:
 - Text you enter from a keyboard
Example: Enter the network identity (`http://TSMonitor01`)
 - Characters you press on your keyboard
Example: Press `CTRL+C` to copy the selected text.
 - Paths to components on your hard drive
Example: The program files are installed at the following location:
`C:\Program Files\Tektronix\`



Test Parameters

Test Parameters

Each error state displayed on the user interface is the result of making one or more measurements or tests on the incoming transport stream. The displayed tests are derived from the DVB and ATSC standards. Additional proprietary tests are also included.

Some measurements and tests translate directly to an error state; others are the result of a combination of tests. For many of the tests, you can affect the result by varying parameters that influence the test result, for example, maximum and minimum bit rate values.

This section provides the following cross-referenced information:

- The Standards Tests section (page 1-3) identifies the tests and event identities associated with each of the DTV standards; some additional categories are also included.
- Event Identity to Test Name (page 1-49) includes a brief description of the test, the applicable standards and the associated parameters.
- Test Name to Event Identity (Table 1-1, page 1-157) is a cross-reference between Test Names and Event identities.
- The Parameter Reference subsection (page 1-183) lists all available parameters.
- Event Traps tables (page 1-241) lists the SNMP (Simple Network Management Protocol) traps available for each event.

NOTE. *Event identities referred to in this section are relevant to all Tektronix MPEG monitoring products.*

Standard Tests

The following sub-sections identify the tests and event identities associated with each of the DTV standards; some additional categories are also included. The sections are as follows:

- MPEG Tests, page 1-3
- DVB Tests, page 1-6
- ATSC Tests, page 1-10
- ATSC A78, page 1-12
- ATSC SCTE 142, page 1-19
- ISDB-S Tests, page 1-25
- ISDB-T Tests, page 1-28
- ISDB (Partial Reception), page 1-34
- DCII Tests, page 1-39
- China Tests, page 1-41
- Hardware Tests, page 1-45
- Info Tests, page 1-46
- RF Tests, page 1-47

MPEG Tests

Priority Tests : EventID - 37f7
Priority 1 : EventID - 37f3
1.1 Sync : EventID - 3011
1.2 Sync Byte : EventID - 3012
Sync Byte Error Rate (15min) : EventID - 3048
1.3.a PAT : EventID - 3018
1.3 PAT (Timer) : EventID - 3100
1.3 PAT (Table ID) : EventID - 3101
1.3 PAT (Scrambling) : EventID - 3102
PAT max section RI : EventID - 3950
1.4 Continuity : EventID - 3014
1.4 Continuity : EventID - 3132
Continuity Error Rate (15min) : EventID - 3047
1.5.a PMT : EventID - 3019
1.5 PMT (Timer) : EventID - 3103
Ind PMT Err Timer : EventID - 3160

- 1.5 PMT (Timer) : EventID - 3160
- 1.5 PMT (Scrambling) : EventID - 3104
- 1.6 PID : EventID - 3016
- 1.6 PID : EventID - 3017
- Priority 2 : EventID - 37f4
 - 2.1 Transport : EventID - 3021
 - Transport Error Rate (15min) : EventID - 3049
 - 2.2 CRC : EventID - 3022
 - CRC Error Rate (15min) : EventID - 3046
 - 2.3.a PCR Repetition : EventID - 3150
 - 2.3.a PCR Repetition : EventID - 3117
 - 2.3.b PCR Discontinuity Indicator : EventID - 3151
 - 2.3.b PCR Discontinuity Indicator : EventID - 3118
 - 2.4 PCR Accuracy : EventID - 3024
 - 2.4 PCR Accuracy : EventID - 3028
 - 2.5 PTS : EventID - 3025
 - 2.5 PTS : EventID - 3728
 - 2.6 CAT : EventID - 3026
 - 2.6 CAT (Table ID) : EventID - 3107
 - 2.6 CAT (Scrambling) : EventID - 3114
- Priority 3 : EventID - 37f5
 - 3.1.a NIT Actual : EventID - 3140
 - 3.1 NIT (Table ID) : EventID - 3109
 - NIT Actual Min Any Section Reptn Int : EventID - 3955
 - NIT Actual Timer : EventID - 3951
 - 3.1b NIT Other : EventID - 3708
 - Ind NIT other max section RI : EventID - 372d
 - 3.2 SI repetition : EventID - 3032
 - NIT Actual Min Section Reptn Int : EventID - 3703
 - Ind NIT actual min section RI : EventID - 3729
 - NIT Actual Max Section Reptn Int : EventID - 3705
 - NIT Actual Max Subtable Reptn Int : EventID - 3704
 - Ind NIT actual max subtable RI : EventID - 372a
 - NIT Other Min Section Reptn Int : EventID - 3706
 - Ind NIT other min section RI : EventID - 372b
 - NIT Other Max Subtable Reptn Int : EventID - 3707
 - Ind NIT other max subtable RI : EventID - 372c
 - CAT max subtable RI : EventID - 3115
 - 3.4.a Unref PID : EventID - 303b
 - 3.4.a Unref PID : EventID - 303a
- Other : EventID - 37f2
 - Table Tests : EventID - 37f6
 - Any Table Syntax : EventID - 3520
 - PAT Syntax : EventID - 3500
 - PMT Syntax : EventID - 3501
 - CAT Syntax : EventID - 3502
 - DPI/SIT Syntax : EventID - 3828
 - PAT/PMT Consistency : EventID - 3330
 - Table Version Consistency : EventID - 4049
- Miscellaneous : EventID - 37f9
 - TS Availability : EventID - 3053
 - PID Occupancy : EventID - 2001
 - PID Occupancy : EventID - 2004
 - Prog Occupancy : EventID - 2002
 - Program occupancy error : EventID - 3039
 - Prog Occupancy : EventID - 3039

PCR Overall Jitter (PCR_OJ) : EventID - 3040
 PCR Overall Jitter (PCR_OJ) : EventID - 3043
 PCR Frequency Offset (PCR_FO) : EventID - 3041
 PCR Frequency Offset (PCR_FO) : EventID - 3044
 PCR Drift Rate (PCR_DR) : EventID - 3042
 PCR Drift Rate (PCR_DR) : EventID - 3045
 DPI/SIT Any Errors : EventID - 382a
 Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
 Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
 DPI/SIT Encrypted Error : EventID - 3825
 DPI/SIT Missing : EventID - 3826
 Ind DPI/SIT Missing : EventID - 3827
 DPI/SIT Syntax : EventID - 3828
 DPI/SIT Max subtable RI : EventID - 3829
 PID Group Occupancy : EventID - 2005
 PID group occupancy error : EventID - 2003
 PID Bit Rate Variability : EventID - 2010
 PID Bit Rate Variability : EventID - 2011
 Discontinuity : EventID - 3131
 Discontinuity : EventID - 3133
 Transport Stream Bit Rate : EventID - 3600
 Service Log Overflow : EventID - 5200
 Any Template Error : EventID - 6fff
 Template Header Error : EventID - 6000
 Template TransportStreamId error : EventID - 6010
 Template NetworkId error : EventID - 6020
 Template OriginalNetworkId error : EventID - 6030
 Template ServiceNumber error : EventID - 6040
 Any Template Service Error : EventID - 6100
 Template PcrPid error : EventID - 6110
 Template ServiceType error : EventID - 6120
 Template ServiceName error : EventID - 6130
 Template Service constraint error : EventID - 6140
 Template OtherPidsAllowed error : EventID - 6150
 Any Template PID Error : EventID - 6200
 Template CADescriptorPresent error : EventID - 6210
 Template Pid scrambling error : EventID - 6220
 Template StreamType error : EventID - 6230
 Template Pid constraint error : EventID - 6240
 Any Template Rating Error : EventID - 6300
 Template DVB/ATSC Ratings error : EventID - 6301
 AV Quality Tests : EventID - 3aff
 Current Service Tests : EventID - 3b0f
 Video Blockiness : EventID - 3b00
 Video Blockiness : EventID - 3b01" >
 Video Frozen : EventID - 3b04
 Video Frozen : EventID - 3b05" >
 Video Black : EventID - 3b06
 Video Black : EventID - 3b07" >

DVB Tests

- TR 101 290 : EventID - 37f7
 - Priority 1 : EventID - 37f3
 - 1.1 Sync : EventID - 3011
 - 1.2 Sync Byte : EventID - 3012
 - Sync Byte Error Rate (15min) : EventID - 3048
 - 1.3.a PAT : EventID - 3018
 - 1.3 PAT (Timer) : EventID - 3100
 - 1.3 PAT (Table ID) : EventID - 3101
 - 1.3 PAT (Scrambling) : EventID - 3102
 - PAT max section RI : EventID - 3950
 - 1.4 Continuity : EventID - 3014
 - 1.4 Continuity : EventID - 3132
 - Continuity Error Rate (15min) : EventID - 3047
 - 1.5.a PMT : EventID - 3019
 - 1.5 PMT (Timer) : EventID - 3103
 - Ind PMT Err Timer : EventID - 3160
 - 1.5 PMT (Timer) : EventID - 3160
 - 1.5 PMT (Scrambling) : EventID - 3104
 - 1.6 PID : EventID - 3016
 - 1.6 PID : EventID - 3017
 - Priority 2 : EventID - 37f4
 - 2.1 Transport : EventID - 3021
 - Transport Error Rate (15min) : EventID - 3049
 - 2.2 CRC : EventID - 3022
 - CRC Error Rate (15min) : EventID - 3046
 - 2.3.a PCR Repetition : EventID - 3150
 - 2.3.a PCR Repetition : EventID - 3117
 - 2.3.b PCR Discontinuity Indicator : EventID - 3151
 - 2.3.b PCR Discontinuity Indicator : EventID - 3118
 - 2.4 PCR Accuracy : EventID - 3024
 - 2.4 PCR Accuracy : EventID - 3028
 - 2.5 PTS : EventID - 3025
 - 2.5 PTS : EventID - 3728
 - 2.6 CAT : EventID - 3026
 - 2.6 CAT (Table ID) : EventID - 3107
 - 2.6 CAT (Scrambling) : EventID - 3114
 - Priority 3 : EventID - 37f5
 - 3.1.a NIT Actual : EventID - 3140
 - 3.1 NIT (Table ID) : EventID - 3109
 - NIT Actual Min Any Section Reptn Int : EventID - 3955
 - NIT Actual Timer : EventID - 3951
 - 3.1b NIT Other : EventID - 3708
 - Ind NIT other max section RI : EventID - 372d
 - 3.2 SI Repetition : EventID - 3032
 - TDT max section RI : EventID - 395a
 - NIT Actual Min Section Reptn Int : EventID - 3703
 - Ind NIT actual min section RI : EventID - 3729
 - NIT Actual Max Section Reptn Int : EventID - 3705
 - NIT Actual Max Subtable Reptn Int : EventID - 3704
 - Ind NIT actual max subtable RI : EventID - 372a
 - NIT Other Min Section Reptn Int : EventID - 3706
 - Ind NIT other min section RI : EventID - 372b
 - NIT Other Max Subtable Reptn Int : EventID - 3707
 - Ind NIT other max subtable RI : EventID - 372c

SDT Actual Min Section Reptn Int : EventID - 3709
 Ind SDT actual min section RI : EventID - 372e
 SDT Actual Max Section Reptn Int : EventID - 370b
 SDT Actual Max Subtable Reptn Int : EventID - 370a
 Ind SDT actual max subtable RI : EventID - 372f
 SDT Other Min Section Reptn Int : EventID - 370c
 Ind SDT other min section RI : EventID - 3730
 SDT Other Max Subtable Reptn Int : EventID - 370d
 Ind SDT other max subtable RI : EventID - 3731
 EIT Actual P Max Sect Reptn Int : EventID - 3711
 EIT Actual F Max Sect Reptn Int : EventID - 3712
 EIT Actual PF Min Sect Reptn Int : EventID - 370f
 Ind DVB EIT actual p/f min section RI : EventID - 3733
 EIT Actual PF Max Subtable Reptn Int : EventID - 3710
 Ind DVB EIT actual p/f max subtable RI : EventID - 3734
 EIT Other PF Min Sect Reptn Int : EventID - 3713
 Ind DVB EIT other p/f min section RI : EventID - 3735
 EIT Other PF Max Subtable Reptn Int : EventID - 3714
 Ind DVB EIT other p/f max subtable RI : EventID - 3736
 EIT Other P Max Sect Reptn Int : EventID - 3715
 EIT Other F Max Sect Reptn Int : EventID - 3716
 EIT Actual Sched Min Sect Reptn Int : EventID - 3717
 Ind DVB EIT actual schedule min section RI : EventID - 3737
 EIT Actual Sched Max Subtable Reptn Int : EventID - 3718
 Ind DVB EIT actual schedule max subtable RI : EventID - 3738
 EIT Other Sched Min Sect Reptn Int : EventID - 3719
 Ind DVB EIT other schedule min section RI : EventID - 3739
 EIT Other Sched Max Subtable Reptn Int : EventID - 371a
 Ind DVB EIT other schedule max subtable RI : EventID - 373a
 RST Min Sect Reptn Int : EventID - 371b
 Ind RST min section RI : EventID - 373b
 TDT Min Sect Reptn Int : EventID - 371c
 Ind TDT min section RI : EventID - 373c
 TOT Min Sect Reptn Int : EventID - 371e
 Ind TOT min section RI : EventID - 373d
 TOT Max Sect Reptn Int : EventID - 371f
 BAT Min Sect Reptn Int : EventID - 3720
 Ind BAT min section RI : EventID - 373e
 BAT Max Subtable Reptn Int : EventID - 3721
 Ind BAT max subtable RI : EventID - 373f
 CAT max subtable RI : EventID - 3115
 3.4.a Unref PID : EventID - 303b
 3.4.a Unref PID : EventID - 303a
 3.5.a SDT Actual : EventID - 3142
 3.5 SDT (Table ID) : EventID - 3106
 SDT Actual Min Any Section Reptn Int : EventID - 3956
 SDT Actual Timer : EventID - 3952
 3.5b SDT Other : EventID - 370e
 Ind SDT other max section RI : EventID - 3732
 3.6.a EIT Actual : EventID - 3143
 3.6 EIT (Table ID) : EventID - 3111
 EIT Actual PF Min Any Section Reptn Int : EventID - 3957
 EIT Actual P Timer : EventID - 3953
 EIT Actual F Timer : EventID - 3954
 3.6.b EIT Other : EventID - 3144
 EIT Other P Max Sect Reptn Int : EventID - 3715

EIT Other F Max Sect Reptn Int : EventID - 3716
3.6.c EIT PF : EventID - 3333
EIT P/F Presence : EventID - 3051
EIT P/F Presence Consistency : EventID - 3052
3.7 RST : EventID - 3037
RST (Table ID) : EventID - 3120
RST Min Any Sect Reptn Int : EventID - 3959
3.8 TDT : EventID - 3038
3.8 TDT (Timer) : EventID - 3112
3.8 TDT (Table ID) : EventID - 3113
TDT Min Any Sect Reptn Int : EventID - 3958
Other : EventID - 37f2
Table Tests : EventID - 37f6
Any Table Syntax : EventID - 3520
PAT Syntax : EventID - 3500
PMT Syntax : EventID - 3501
CAT Syntax : EventID - 3502
NIT Syntax : EventID - 3503
BAT Syntax : EventID - 3504
SDT Syntax : EventID - 3505
EIT Syntax : EventID - 3506
TDT Syntax : EventID - 3507
TOT Syntax : EventID - 3508
RST Syntax : EventID - 3509
DPI/SIT Syntax : EventID - 3828
SIT Syntax : EventID - 351e
DIT Syntax : EventID - 351f
Table Id Error : EventID - 37fb
3.8 TDT (Table ID) : EventID - 3113
SIT (Table ID) : EventID - 311f
DIT (Table ID) : EventID - 3126
RST (Table ID) : EventID - 3120
Timer Error : EventID - 37fc
3.8 TDT (Timer) : EventID - 3112
CAT Timer : EventID - 395b
PAT/PMT Consistency : EventID - 3330
Table Version Consistency : EventID - 4049
PAT/SDT Consistency : EventID - 3331
Miscellaneous : EventID - 37f9
TS Availability : EventID - 3053
PID Occupancy : EventID - 2001
PID Occupancy : EventID - 2004
Prog Occupancy : EventID - 2002
Program occupancy error : EventID - 3039
Prog Occupancy : EventID - 3039
PCR Overall Jitter (PCR_OJ) : EventID - 3040
PCR Overall Jitter (PCR_OJ) : EventID - 3043
PCR Frequency Offset (PCR_FO) : EventID - 3041
PCR Frequency Offset (PCR_FO) : EventID - 3044
PCR Drift Rate (PCR_DR) : EventID - 3042
PCR Drift Rate (PCR_DR) : EventID - 3045
DPI/SIT Any Errors : EventID - 382a
Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
DPI/SIT Encrypted Error : EventID - 3825
DPI/SIT Missing : EventID - 3826

Ind DPI/SIT Missing : EventID - 3827
 DPI/SIT Syntax : EventID - 3828
 DPI/SIT Max subtable RI : EventID - 3829
 PID Group Occupancy : EventID - 2005
 PID group occupancy error : EventID - 2003
 PID Bit Rate Variability : EventID - 2010
 PID Bit Rate Variability : EventID - 2011
 Discontinuity : EventID - 3131
 Discontinuity : EventID - 3133
 Transport Stream Bit Rate : EventID - 3600
 Service Log Overflow : EventID - 5200
 Any Template Error : EventID - 6fff
 Template Header Error : EventID - 6000
 Template TransportStreamId error : EventID - 6010
 Template NetworkId error : EventID - 6020
 Template OriginalNetworkId error : EventID - 6030
 Template ServiceNumber error : EventID - 6040
 Any Template Service Error : EventID - 6100
 Template PcrPid error : EventID - 6110
 Template ServiceType error : EventID - 6120
 Template ServiceName error : EventID - 6130
 Template Service constraint error : EventID - 6140
 Template OtherPidsAllowed error : EventID - 6150
 Any Template PID Error : EventID - 6200
 Template CADescriptorPresent error : EventID - 6210
 Template Pid scrambling error : EventID - 6220
 Template StreamType error : EventID - 6230
 Template Pid constraint error : EventID - 6240
 Any Template Rating Error : EventID - 6300
 Template DVB/ATSC Ratings error : EventID - 6301
 AV Quality Tests : EventID - 3aff
 Current Service Tests : EventID - 3b0f
 Video Blockiness : EventID - 3b00
 Video Blockiness : EventID - 3b01
 Video Frozen : EventID - 3b04
 Video Frozen : EventID - 3b05
 Video Black : EventID - 3b06
 Video Black : EventID - 3b07
 SFN Error : EventID - 3400
 SFN (Missing data) : EventID - 3401
 SFN One MIP per M/F : EventID - 3410
 SFN Repetition : EventID - 3411
 SFN (Invalid data) : EventID - 3403
 SFN MIP Length : EventID - 3412
 SFN CRC : EventID - 3413
 SFN MIP Coding : EventID - 3414
 SFN Periodicity Consistency : EventID - 3415
 SFN Pointer Consistency : EventID - 3416
 SFN (Timing jitter) : EventID - 3404

ATSC Tests

Priority Tests : EventID - 37f7
Priority 1 : EventID - 37f3
1.1 Sync : EventID - 3011
1.2 Sync Byte : EventID - 3012
Sync Byte Error Rate (15min) : EventID - 3048
1.3.a PAT : EventID - 3018
1.3 PAT (Timer) : EventID - 3100
1.3 PAT (Table ID) : EventID - 3101
1.3 PAT (Scrambling) : EventID - 3102
PAT max section RI : EventID - 3950
1.4 Continuity : EventID - 3014
1.4 Continuity : EventID - 3132
Continuity Error Rate (15min) : EventID - 3047
1.5.a PMT : EventID - 3019
1.5 PMT (Timer) : EventID - 3103
Ind PMT Err Timer : EventID - 3160
1.5 PMT (Timer) : EventID - 3160
1.5 PMT (Scrambling) : EventID - 3104
1.6 PID : EventID - 3016
1.6 PID : EventID - 3017
Priority 2 : EventID - 37f4
2.1 Transport : EventID - 3021
Transport Error Rate (15min) : EventID - 3049
2.2 CRC : EventID - 3022
CRC Error Rate (15min) : EventID - 3046
2.3.a PCR Repetition : EventID - 3150
2.3.a PCR Repetition : EventID - 3117
2.3.b PCR Discontinuity Indicator : EventID - 3151
2.3.b PCR Discontinuity Indicator : EventID - 3118
2.4 PCR Accuracy : EventID - 3024
2.4 PCR Accuracy : EventID - 3028
2.5 PTS : EventID - 3025
2.5 PTS : EventID - 3728
2.6 CAT : EventID - 3026
2.6 CAT (Table Id) : EventID - 3107
2.6 CAT (Scrambling) : EventID - 3114
Priority 3 : EventID - 37f5
3.4.a Unref PID : EventID - 303b
3.4.a Unref PID : EventID - 303a
Other : EventID - 37f2
Table Tests : EventID - 37f6
Any Table Syntax : EventID - 3520
PAT Syntax : EventID - 3500
PMT Syntax : EventID - 3501
CAT Syntax : EventID - 3502
MGT Syntax : EventID - 350a
RRT Syntax : EventID - 350b
VCT Syntax : EventID - 350c
EIT-k Syntax : EventID - 350d
STT Syntax : EventID - 350e
EAS Syntax : EventID - 3512
ETT Syntax : EventID - 350f
DCCT Syntax : EventID - 3510
DCCSCT Syntax : EventID - 3511

DPI/SIT Syntax : EventID - 3828
 A/65 MGT : EventID - 3201
 A/65 MGT (Timer) : EventID - 3211
 MGT Missing : EventID - 3755
 A/65 STT : EventID - 3202
 A/65 STT (Timer) : EventID - 3212
 STT Missing : EventID - 3758
 A/65 RRT : EventID - 3203
 A/65 RRT (Timer) : EventID - 3213
 RRT Missing : EventID - 3757
 A/65 EIT : EventID - 3204
 EIT-0/1/2/3 max instance RI : EventID - 3726
 Ind ATSC EIT-0/1/2/3 max instance RI : EventID - 3740
 EIT-0,1,2,3 Max Sect Reptn Int : EventID - 3727
 EIT-0,1,2,3 Missing : EventID - 3759
 A/65 VCT : EventID - 3205
 A/65 VCT (Timer) : EventID - 3210
 Ind VCT max subtable RI : EventID - 374b
 VCT Max Sect Reptn Int : EventID - 374c
 VCT Missing : EventID - 3756
 A/65 ETT : EventID - 3206
 MGT/EIT-k presence : EventID - 3230
 PAT/PMT Consistency : EventID - 3330
 PAT/VCT Consistency : EventID - 3332
 PAT/VCT TS Id Consistency : EventID - 4046
 Table Version Consistency : EventID - 4049
 Other Repetition Tests : EventID - 3861
 A/65 DCCSCT : EventID - 374f
 DCCT Max Subtable Reptn Int : EventID - 3778
 Miscellaneous : EventID - 37f9
 TS Availability : EventID - 3053
 PID Occupancy : EventID - 2001
 PID Occupancy : EventID - 2004
 Prog Occupancy : EventID - 2002
 Program occupancy error : EventID - 3039
 Prog Occupancy : EventID - 3039
 PCR Overall Jitter (PCR_OJ) : EventID - 3040
 PCR Overall Jitter (PCR_OJ) : EventID - 3043
 PCR Frequency Offset (PCR_FO) : EventID - 3041
 PCR Frequency Offset (PCR_FO) : EventID - 3044
 PCR Drift Rate (PCR_DR) : EventID - 3042
 PCR Drift Rate (PCR_DR) : EventID - 3045
 DPI/SIT Any Errors : EventID - 382a
 Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
 Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
 DPI/SIT Encrypted Error : EventID - 3825
 DPI/SIT Missing : EventID - 3826
 Ind DPI/SIT Missing : EventID - 3827
 DPI/SIT Syntax : EventID - 3828
 DPI/SIT Max subtable RI : EventID - 3829
 PID Group Occupancy : EventID - 2005
 PID group occupancy error : EventID - 2003
 PID Bit Rate Variability : EventID - 2010
 PID Bit Rate Variability : EventID - 2011
 Discontinuity : EventID - 3131
 Discontinuity : EventID - 3133

A/65 Base PID : EventID - 3208
A53 non-AC3 Audio : EventID - 3860
Transport Stream Bit Rate : EventID - 3600
Service Log Overflow : EventID - 5200
Closed Caption Error : EventID - 3880
 Closed Caption PMT/Video Error : EventID - 3881
 Ind CC PMT/Video Error : EventID - 3882
 Closed Caption PMT/Video Error : EventID - 3882
 Closed Caption EIT/Video Error : EventID - 3883
 Ind CC EIT/Video Error : EventID - 3884
 Closed Caption EIT/Video Error : EventID - 3884
Any Template Error : EventID - 6fff
Template Header Error : EventID - 6000
 Template TransportStreamId error : EventID - 6010
 Template NetworkId error : EventID - 6020
 Template OriginalNetworkId error : EventID - 6030
 Template ServiceNumber error : EventID - 6040
Any Template Service Error : EventID - 6100
 Template PcrPid error : EventID - 6110
 Template ServiceType error : EventID - 6120
 Template ServiceName error : EventID - 6130
 Template Service constraint error : EventID - 6140
 Template OtherPidsAllowed error : EventID - 6150
Any Template PID Error : EventID - 6200
 Template CADescriptorPresent error : EventID - 6210
 Template Pid scrambling error : EventID - 6220
 Template StreamType error : EventID - 6230
 Template Pid constraint error : EventID - 6240
Any Template Rating Error : EventID - 6300
 Template DVB/ATSC Ratings error : EventID - 6301
AV Quality Tests : EventID - 3aff
Current Service Tests : EventID - 3b0f
 Video Blockiness : EventID - 3b00
 Video Blockiness : EventID - 3b01" >
 Video Frozen : EventID - 3b04
 Video Frozen : EventID - 3b05" >
 Video Black : EventID - 3b06
 Video Black : EventID - 3b07" >

ATSC A78 Tests

A/78 Tests : EventID - 4000
Transport On-Air : EventID - 4001
PSI : EventID - 4006
 PAT : EventID - 400b
 PAT 5x : EventID - 3349
 PAT Table Id : EventID - 336d
 PAT Scrambling : EventID - 336f
PSIP : EventID - 4014
 MGT : EventID - 4019
 MGT 5x : EventID - 3340
 PSIP Scrambling : EventID - 3371
TVCT : EventID - 401e

TVCT 5x : EventID - 334c
 Consistency : EventID - 403c
 Table Version Consistency : EventID - 4049
 PAT/VCT TS Id Consistency : EventID - 4046
 General : EventID - 4041
 TS Availability : EventID - 3053
 Sync : EventID - 3011
 Programs On-Air : EventID - 4002
 PSI : EventID - 4007
 PAT : EventID - 400c
 PAT 5x : EventID - 3349
 PAT Table Id : EventID - 336d
 PAT Scrambling : EventID - 336f
 PMT : EventID - 4010
 PMT 5x : EventID - 3343
 Ind PMT 5x : EventID - 3378
 PMT 5x : EventID - 3378
 PMT Table Id : EventID - 336e
 PMT Scrambling : EventID - 3370
 PSIP : EventID - 4015
 MGT : EventID - 401a
 MGT 5x : EventID - 3340
 PSIP Scrambling : EventID - 3371
 TVCT : EventID - 401f
 TVCT 5x : EventID - 334c
 EIT : EventID - 402a
 EITO 5x : EventID - 3352
 Ind EITO 5x : EventID - 337b
 Timing : EventID - 4031
 PCR : EventID - 4035
 PCR 5x : EventID - 335e
 Consistency : EventID - 403d
 Table Version Consistency : EventID - 4049
 PAT/PMT Consistency : EventID - 3330
 PAT/VCT Consistency : EventID - 3332
 PAT/VCT TS Id Consistency : EventID - 4046
 VCT/PMT (Number of Services) Consistency : EventID - 33ab
 VCT/EITO Source Id Consistency : EventID - 404a
 TVCT No Service Location : EventID - 4048
 General : EventID - 4042
 TS Availability : EventID - 3053
 Sync : EventID - 3011
 Components Present : EventID - 4003
 PSI : EventID - 4008
 PAT : EventID - 400d
 PAT 5x : EventID - 3349
 PAT Table Id : EventID - 336d
 PAT Scrambling : EventID - 336f
 PMT : EventID - 4011
 PMT 5x : EventID - 3343
 Ind PMT 5x : EventID - 3378
 PMT 5x : EventID - 3378
 PMT Table Id : EventID - 336e
 PMT Scrambling : EventID - 3370
 PSIP : EventID - 4016
 MGT : EventID - 401b

MGT 5x : EventID - 3340
PSIP Scrambling : EventID - 3371
TVCT : EventID - 4020
TVCT 5x : EventID - 334c
RRT : EventID - 4027
RRT 5x : EventID - 3346
EIT : EventID - 402b
EIT0 5x : EventID - 3352
Ind EIT0 5x : EventID - 337b
EIT1 5x : EventID - 3355
Ind EIT1 5x : EventID - 337e
EIT2 5x : EventID - 3358
Ind EIT2 5x : EventID - 3381
EIT3 5x : EventID - 33a5
Ind EIT3 5x : EventID - 33a8
EIT Scrambling : EventID - 3375
ETT Scrambling : EventID - 3376
STT : EventID - 402e
STT 5x : EventID - 335b
Timing : EventID - 4032
PCR : EventID - 4036
PCR 5x : EventID - 335e
PTS : EventID - 4039
PTS 5x : EventID - 3361
PTS 5x : EventID - 3389
Consistency : EventID - 403e
Table Version Consistency : EventID - 4049
PAT/PMT Consistency : EventID - 3330
PAT/VCT TS Id Consistency : EventID - 4046
VCT/PMT (Number of Services) Consistency : EventID - 33ab
VCT/PMT Consistency : EventID - 3386
VCT/EIT Source Id Consistency : EventID - 404b
TVCT No Service Location : EventID - 4048
ETT/EIT ETM Id Consistency : EventID - 3384
ETT ETM Id Valid : EventID - 3387
PMT/EIT Descriptor Consistency : EventID - 33a4
General : EventID - 4043
TS Availability : EventID - 3053
Sync : EventID - 3011
Missing Descriptor : EventID - 3392
Service Quality : EventID - 4004
PSI : EventID - 4009
PAT : EventID - 400e
PAT 2x : EventID - 334a
PAT Table Id : EventID - 336d
PAT Scrambling : EventID - 336f
PMT : EventID - 4012
PMT 2x : EventID - 3344
Ind PMT 2x : EventID - 3379
PMT 2x : EventID - 3379
PMT Table Id : EventID - 336e
PMT Scrambling : EventID - 3370
PSIP : EventID - 4017
MGT : EventID - 401c
MGT 2x : EventID - 3341
PSIP Scrambling : EventID - 3371

TVCT : EventID - 4021
 TVCT 2x : EventID - 334d
 RRT : EventID - 4028
 RRT 2x : EventID - 3347
 EIT : EventID - 402c
 EIT0 2x : EventID - 3353
 Ind EIT0 2x : EventID - 337c
 EIT1 2x : EventID - 3356
 Ind EIT1 2x : EventID - 337f
 EIT2 2x : EventID - 3359
 Ind EIT2 2x : EventID - 3382
 EIT3 2x : EventID - 33a6
 Ind EIT3 2x : EventID - 33a9
 EIT Scrambling : EventID - 3375
 ETT Scrambling : EventID - 3376
 STT : EventID - 402f
 STT 2x : EventID - 335c
 Timing : EventID - 4033
 PCR : EventID - 4037
 PCR 2x : EventID - 335f
 PCR Accuracy 5x : EventID - 3395
 PCR Accuracy 5x : EventID - 339d
 PCR Frequency Offset 5x : EventID - 3397
 PCR Frequency Offset 5x : EventID - 339f
 PCR Frequency Drift 5x : EventID - 3399
 PCR Frequency Drift 5x : EventID - 33a1
 PCR Overall Jitter 5x : EventID - 339b
 PCR Overall Jitter 5x : EventID - 33a3
 Unsignaled PCR Discontinuity : EventID - 3151
 Unsignaled PCR Discontinuity : EventID - 3118
 PTS : EventID - 403a
 PTS 2x : EventID - 3362
 PTS 2x : EventID - 338a
 Consistency : EventID - 403f
 Table Version Consistency : EventID - 4049
 PAT/PMT Consistency : EventID - 3330
 PAT/VCT Consistency : EventID - 3332
 PAT/VCT TS Id Consistency : EventID - 4046
 VCT/PMT (Number of Services) Consistency : EventID - 33ab
 VCT/PMT Consistency : EventID - 3386
 VCT/EIT Source Id Consistency : EventID - 404b
 TVCT No Service Location : EventID - 4048
 ETT/EIT ETM Id Consistency : EventID - 3384
 ETT ETM Id Valid : EventID - 3387
 PMT/EIT Descriptor Consistency : EventID - 33a4
 General : EventID - 4044
 TS Availability : EventID - 3053
 Sync : EventID - 3011
 Sync Byte : EventID - 3012
 Continuity Count : EventID - 3014
 Continuity Count : EventID - 3132
 Missing Descriptor : EventID - 3392
 Technical Conformance : EventID - 4005
 PSI : EventID - 400a
 PAT : EventID - 400f
 PAT 1x : EventID - 334b

PAT Table Id : EventID - 336d
PAT CRC : EventID - 3365
PAT Scrambling : EventID - 336f
PMT : EventID - 4013
PMT 1x : EventID - 3345
 Ind PMT 1x : EventID - 337a
 PMT 1x : EventID - 337a
PMT Table Id : EventID - 336e
PMT CRC : EventID - 3366
PMT Scrambling : EventID - 3370
PSIP : EventID - 4018
MGT : EventID - 401d
MGT 1x : EventID - 3342
MGT CRC : EventID - 3364
PSIP Scrambling : EventID - 3371
TVCT : EventID - 4022
TVCT 1x : EventID - 334e
TVCT CRC : EventID - 3367
RRT : EventID - 4029
RRT 1x : EventID - 3348
RRT CRC : EventID - 3369
EIT : EventID - 402d
EIT0 1x : EventID - 3354
 Ind EIT0 1x : EventID - 337d
EIT1 1x : EventID - 3357
 Ind EIT1 1x : EventID - 3380
EIT2 1x : EventID - 335a
 Ind EIT2 1x : EventID - 3383
EIT3 1x : EventID - 33a7
 Ind EIT3 1x : EventID - 33aa
EIT CRC : EventID - 336a
EIT Scrambling : EventID - 3375
ETT CRC : EventID - 336b
ETT Scrambling : EventID - 3376
STT : EventID - 4030
STT 1x : EventID - 335d
STT CRC : EventID - 336c
Timing : EventID - 4034
PCR : EventID - 4038
PCR 1x : EventID - 3360
PCR Accuracy 1x : EventID - 3394
 PCR Accuracy 1x : EventID - 339c
PCR Frequency Offset 1x : EventID - 3396
 PCR Frequency Offset 1x : EventID - 339e
PCR Frequency Drift 1x : EventID - 3398
 PCR Frequency Drift 1x : EventID - 33a0
PCR Overall Jitter 1x : EventID - 339a
 PCR Overall Jitter 1x : EventID - 33a2
Unsignaled PCR Discontinuity : EventID - 3151
 Unsignaled PCR Discontinuity : EventID - 3118
PTS : EventID - 403b
PTS 1x : EventID - 3363
 PTS 1x : EventID - 338b
Consistency : EventID - 4040
Table Version Consistency : EventID - 4049
PAT/PMT Consistency : EventID - 3330

PAT/VCT Consistency : EventID - 3332
 PAT/VCT TS Id Consistency : EventID - 4046
 VCT/PMT (Number of Services) Consistency : EventID - 33ab
 VCT/PMT Consistency : EventID - 3386
 VCT/EIT Source Id Consistency : EventID - 404b
 TVCT No Service Location : EventID - 4048
 ETT/EIT ETM Id Consistency : EventID - 3384
 ETT ETM Id Valid : EventID - 3387
 PMT/EIT Descriptor Consistency : EventID - 33a4
 General : EventID - 4045
 TS Availability : EventID - 3053
 Sync : EventID - 3011
 Sync Byte : EventID - 3012
 Continuity Count : EventID - 3014
 Continuity Count : EventID - 3132
 Transport Error Indicator : EventID - 3021
 Multiple Registration Descriptor : EventID - 3390
 PID Value Below 0x30 : EventID - 3391
 Missing Descriptor : EventID - 3392
 Other : EventID - 37f2
 Table Tests : EventID - 37f6
 Any Table Syntax : EventID - 3520
 PAT Syntax : EventID - 3500
 PMT Syntax : EventID - 3501
 CAT Syntax : EventID - 3502
 MGT Syntax : EventID - 350a
 RRT Syntax : EventID - 350b
 VCT Syntax : EventID - 350c
 EIT-k Syntax : EventID - 350d
 STT Syntax : EventID - 350e
 EAS Syntax : EventID - 3512
 ETT Syntax : EventID - 350f
 DCCT Syntax : EventID - 3510
 DCCSCT Syntax : EventID - 3511
 DPI/SIT Syntax : EventID - 3828
 MGT/EIT-k presence : EventID - 3230
 Other Repetition Tests : EventID - 3861
 A/65 DCCSCT : EventID - 374f
 DCCT Max Subtable Reptn Int : EventID - 3778
 Miscellaneous : EventID - 37f9
 PID Occupancy : EventID - 2001
 PID Occupancy : EventID - 2004
 Prog Occupancy : EventID - 2002
 Program occupancy error : EventID - 3039
 Prog Occupancy : EventID - 3039
 DPI/SIT Any Errors : EventID - 382a
 Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
 Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
 DPI/SIT Encrypted Error : EventID - 3825
 DPI/SIT Missing : EventID - 3826
 Ind DPI/SIT Missing : EventID - 3827
 DPI/SIT Syntax : EventID - 3828
 DPI/SIT Max subtable RI : EventID - 3829
 PID Group Occupancy : EventID - 2005
 PID group occupancy error : EventID - 2003
 PID Bit Rate Variability : EventID - 2010

PID Bit Rate Variability : EventID - 2011
Discontinuity : EventID - 3131
Discontinuity : EventID - 3133
A/65 Base PID : EventID - 3208
Unreferenced PID : EventID - 303b
Unreferenced PID : EventID - 303a
Referenced PID Not Found : EventID - 3016
Referenced PID Not Found : EventID - 3017
A53 non-AC3 Audio : EventID - 3860
Transport Stream Bit Rate : EventID - 3600
Service Log Overflow : EventID - 5200
Closed Caption Error : EventID - 3880
Closed Caption PMT/Video Error : EventID - 3881
Ind CC PMT/Video Error : EventID - 3882
Closed Caption PMT/Video Error : EventID - 3882
Closed Caption EIT/Video Error : EventID - 3883
Ind CC EIT/Video Error : EventID - 3884
Closed Caption EIT/Video Error : EventID - 3884
Any Template Error : EventID - 6fff
Template Header Error : EventID - 6000
Template TransportStreamId error : EventID - 6010
Template NetworkId error : EventID - 6020
Template OriginalNetworkId error : EventID - 6030
Template ServiceNumber error : EventID - 6040
Any Template Service Error : EventID - 6100
Template PcrPid error : EventID - 6110
Template ServiceType error : EventID - 6120
Template ServiceName error : EventID - 6130
Template Service constraint error : EventID - 6140
Template OtherPidsAllowed error : EventID - 6150
Any Template PID Error : EventID - 6200
Template CADescriptorPresent error : EventID - 6210
Template Pid scrambling error : EventID - 6220
Template StreamType error : EventID - 6230
Template Pid constraint error : EventID - 6240
Any Template Rating Error : EventID - 6300
Template DVB/ATSC Ratings error : EventID - 6301
AV Quality Tests : EventID - 3aff
Current Service Tests : EventID - 3b0f
Video Blockiness : EventID - 3b00
Video Blockiness : EventID - 3b01
Video Frozen : EventID - 3b04
Video Frozen : EventID - 3b05
Video Black : EventID - 3b06
Video Black : EventID - 3b07

ATSC SCTE142 Tests

SCTE 142 Tests : EventID - 4000
 Transport On-Air : EventID - 4001
 PSI : EventID - 4006
 PAT : EventID - 400b
 PAT 5x : EventID - 3349
 PAT Table Id : EventID - 336d
 PAT Scrambling : EventID - 336f
 PSIP : EventID - 4014
 MGT : EventID - 4019
 MGT 5x : EventID - 3340
 PSIP Scrambling : EventID - 3371
 Consistency : EventID - 403c
 Table Version Consistency : EventID - 4049
 PAT/VCT TS Id Consistency : EventID - 4046
 General : EventID - 4041
 TS Availability : EventID - 3053
 Sync : EventID - 3011
 Programs On-Air : EventID - 4002
 PSI : EventID - 4007
 PAT : EventID - 400c
 PAT 5x : EventID - 3349
 PAT Table Id : EventID - 336d
 PAT Scrambling : EventID - 336f
 PMT : EventID - 4010
 PMT 5x : EventID - 3343
 Ind PMT 5x : EventID - 3378
 PMT 5x : EventID - 3378
 PMT Table Id : EventID - 336e
 PMT Scrambling : EventID - 3370
 PSIP : EventID - 4015
 MGT : EventID - 401a
 MGT 5x : EventID - 3340
 PSIP Scrambling : EventID - 3371
 CVCT : EventID - 4023
 CVCT 5x : EventID - 334f
 EIT : EventID - 402a
 EITO 5x : EventID - 3352
 Ind EITO 5x : EventID - 337b
 Timing : EventID - 4031
 PCR : EventID - 4035
 PCR 5x : EventID - 335e
 Consistency : EventID - 403d
 Table Version Consistency : EventID - 4049
 PAT/PMT Consistency : EventID - 3330
 PAT/VCT Consistency : EventID - 3332
 PAT/VCT TS Id Consistency : EventID - 4046
 VCT/PMT (Number of Services) Consistency : EventID - 33ab
 VCT/EITO Source Id Consistency : EventID - 404a
 TVCT No Service Location : EventID - 4048
 General : EventID - 4042
 TS Availability : EventID - 3053
 Sync : EventID - 3011
 Components Present : EventID - 4003
 PSI : EventID - 4008

PAT : EventID - 400d
PAT 5x : EventID - 3349
PAT Table Id : EventID - 336d
PAT Scrambling : EventID - 336f
PMT : EventID - 4011
PMT 5x : EventID - 3343
Ind PMT 5x : EventID - 3378
PMT 5x : EventID - 3378
PMT Table Id : EventID - 336e
PMT Scrambling : EventID - 3370
PSIP : EventID - 4016
MGT : EventID - 401b
MGT 5x : EventID - 3340
PSIP Scrambling : EventID - 3371
CVCT : EventID - 4024
CVCT 5x : EventID - 334f
RRT : EventID - 4027
RRT 5x : EventID - 3346
EIT : EventID - 402b
EIT0 5x : EventID - 3352
Ind EIT0 5x : EventID - 337b
EIT1 5x : EventID - 3355
Ind EIT1 5x : EventID - 337e
EIT2 5x : EventID - 3358
Ind EIT2 5x : EventID - 3381
EIT3 5x : EventID - 33a5
Ind EIT3 5x : EventID - 33a8
EIT Scrambling : EventID - 3375
ETT Scrambling : EventID - 3376
STT : EventID - 402e
STT 5x : EventID - 335b
Timing : EventID - 4032
PCR : EventID - 4036
PCR 5x : EventID - 335e
PTS : EventID - 4039
PTS 5x : EventID - 3361
PTS 5x : EventID - 3389
Consistency : EventID - 403e
Table Version Consistency : EventID - 4049
PAT/PMT Consistency : EventID - 3330
PAT/VCT TS Id Consistency : EventID - 4046
VCT/PMT (Number of Services) Consistency : EventID - 33ab
VCT/PMT Consistency : EventID - 3386
VCT/EIT Source Id Consistency : EventID - 404b
TVCT No Service Location : EventID - 4048
ETT/EIT ETM Id Consistency : EventID - 3384
ETT ETM Id Valid : EventID - 3387
PMT/EIT Descriptor Consistency : EventID - 33a4
General : EventID - 4043
TS Availability : EventID - 3053
Sync : EventID - 3011
Missing Descriptor : EventID - 3392
Service Quality : EventID - 4004
PSI : EventID - 4009
PAT : EventID - 400e
PAT 2x : EventID - 334a

PAT Table Id : EventID - 336d
 PAT Scrambling : EventID - 336f
 PMT : EventID - 4012
 PMT 2x : EventID - 3344
 Ind PMT 2x : EventID - 3379
 PMT 2x : EventID - 3379
 PMT Table Id : EventID - 336e
 PMT Scrambling : EventID - 3370
 PSIP : EventID - 4017
 MGT : EventID - 401c
 MGT 2x : EventID - 3341
 PSIP Scrambling : EventID - 3371
 CVCT : EventID - 4025
 CVCT 2x : EventID - 3350
 RRT : EventID - 4028
 RRT 2x : EventID - 3347
 EIT : EventID - 402c
 EIT0 2x : EventID - 3353
 Ind EIT0 2x : EventID - 337c
 EIT1 2x : EventID - 3356
 Ind EIT1 2x : EventID - 337f
 EIT2 2x : EventID - 3359
 Ind EIT2 2x : EventID - 3382
 EIT3 2x : EventID - 33a6
 Ind EIT3 2x : EventID - 33a9
 EIT Scrambling : EventID - 3375
 ETT Scrambling : EventID - 3376
 STT : EventID - 402f
 STT 2x : EventID - 335c
 Timing : EventID - 4033
 PCR : EventID - 4037
 PCR 2x : EventID - 335f
 PCR Accuracy 5x : EventID - 3395
 PCR Accuracy 5x : EventID - 339d
 PCR Frequency Offset 5x : EventID - 3397
 PCR Frequency Offset 5x : EventID - 339f
 PCR Frequency Drift 5x : EventID - 3399
 PCR Frequency Drift 5x : EventID - 33a1
 PCR Overall Jitter 5x : EventID - 339b
 PCR Overall Jitter 5x : EventID - 33a3
 Unsignaled PCR Discontinuity : EventID - 3151
 Unsignaled PCR Discontinuity : EventID - 3118
 PTS : EventID - 403a
 PTS 2x : EventID - 3362
 PTS 2x : EventID - 338a
 Consistency : EventID - 403f
 Table Version Consistency : EventID - 4049
 PAT/PMT Consistency : EventID - 3330
 PAT/VCT Consistency : EventID - 3332
 PAT/VCT TS Id Consistency : EventID - 4046
 VCT/PMT (Number of Services) Consistency : EventID - 33ab
 VCT/PMT Consistency : EventID - 3386
 VCT/EIT Source Id Consistency : EventID - 404b
 TVCT No Service Location : EventID - 4048
 ETT/EIT ETM Id Consistency : EventID - 3384
 ETT ETM Id Valid : EventID - 3387

PMT/EIT Descriptor Consistency : EventID - 33a4
General : EventID - 4044
TS Availability : EventID - 3053
Sync : EventID - 3011
Sync Byte : EventID - 3012
Continuity Count : EventID - 3014
Continuity Count : EventID - 3132
Missing Descriptor : EventID - 3392
Technical Conformance : EventID - 4005
PSI : EventID - 400a
PAT : EventID - 400f
PAT 1x : EventID - 334b
PAT Table Id : EventID - 336d
PAT CRC : EventID - 3365
PAT Scrambling : EventID - 336f
PMT : EventID - 4013
PMT 1x : EventID - 3345
Ind PMT 1x : EventID - 337a
PMT 1x : EventID - 337a
PMT Table Id : EventID - 336e
PMT CRC : EventID - 3366
PMT Scrambling : EventID - 3370
PSIP : EventID - 4018
MGT : EventID - 401d
MGT 1x : EventID - 3342
MGT CRC : EventID - 3364
PSIP Scrambling : EventID - 3371
CVCT : EventID - 4026
CVCT 1x : EventID - 3351
CVCT CRC : EventID - 3368
RRT : EventID - 4029
RRT 1x : EventID - 3348
RRT CRC : EventID - 3369
EIT : EventID - 402d
EIT0 1x : EventID - 3354
Ind EIT0 1x : EventID - 337d
EIT1 1x : EventID - 3357
Ind EIT1 1x : EventID - 3380
EIT2 1x : EventID - 335a
Ind EIT2 1x : EventID - 3383
EIT3 1x : EventID - 33a7
Ind EIT3 1x : EventID - 33aa
EIT CRC : EventID - 336a
EIT Scrambling : EventID - 3375
ETT CRC : EventID - 336b
ETT Scrambling : EventID - 3376
STT : EventID - 4030
STT 1x : EventID - 335d
STT CRC : EventID - 336c
Timing : EventID - 4034
PCR : EventID - 4038
PCR 1x : EventID - 3360
PCR Accuracy 1x : EventID - 3394
PCR Accuracy 1x : EventID - 339c
PCR Frequency Offset 1x : EventID - 3396
PCR Frequency Offset 1x : EventID - 339e

PCR Frequency Drift 1x : EventID - 3398
 PCR Frequency Drift 1x : EventID - 33a0
 PCR Overall Jitter 1x : EventID - 339a
 PCR Overall Jitter 1x : EventID - 33a2
 Unsignaled PCR Discontinuity : EventID - 3151
 Unsignaled PCR Discontinuity : EventID - 3118
 PTS : EventID - 403b
 PTS 1x : EventID - 3363
 PTS 1x : EventID - 338b
 Consistency : EventID - 4040
 Table Version Consistency : EventID - 4049
 PAT/PMT Consistency : EventID - 3330
 PAT/VCT Consistency : EventID - 3332
 PAT/VCT TS Id Consistency : EventID - 4046
 VCT/PMT (Number of Services) Consistency : EventID - 33ab
 VCT/PMT Consistency : EventID - 3386
 VCT/EIT Source Id Consistency : EventID - 404b
 TVCT No Service Location : EventID - 4048
 ETT/EIT ETM Id Consistency : EventID - 3384
 ETT ETM Id Valid : EventID - 3387
 PMT/EIT Descriptor Consistency : EventID - 33a4
 General : EventID - 4045
 TS Availability : EventID - 3053
 Sync : EventID - 3011
 Sync Byte : EventID - 3012
 Continuity Count : EventID - 3014
 Continuity Count : EventID - 3132
 Transport Error Indicator : EventID - 3021
 Multiple Registration Descriptor : EventID - 3390
 PID Value Below 0x30 : EventID - 3391
 Missing Descriptor : EventID - 3392
 Other : EventID - 37f2
 Table Tests : EventID - 37f6
 Any Table Syntax : EventID - 3520
 PAT Syntax : EventID - 3500
 PMT Syntax : EventID - 3501
 CAT Syntax : EventID - 3502
 MGT Syntax : EventID - 350a
 RRT Syntax : EventID - 350b
 VCT Syntax : EventID - 350c
 EIT-k Syntax : EventID - 350d
 STT Syntax : EventID - 350e
 EAS Syntax : EventID - 3512
 ETT Syntax : EventID - 350f
 DCCT Syntax : EventID - 3510
 DCCSCT Syntax : EventID - 3511
 DPI/SIT Syntax : EventID - 3828
 MGT/EIT-k presence : EventID - 3230
 Other Repetition Tests : EventID - 3861
 A/65 DCCSCT : EventID - 374f
 DCCT Max Subtable Reptn Int : EventID - 3778
 Miscellaneous : EventID - 37f9
 PID Occupancy : EventID - 2001
 PID Occupancy : EventID - 2004
 Prog Occupancy : EventID - 2002
 Program occupancy error : EventID - 3039

Prog Occupancy : EventID - 3039
DPI/SIT Any Errors : EventID - 382a
Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
DPI/SIT Encrypted Error : EventID - 3825
DPI/SIT Missing : EventID - 3826
 Ind DPI/SIT Missing : EventID - 3827
DPI/SIT Syntax : EventID - 3828
DPI/SIT Max subtable RI : EventID - 3829
PID Group Occupancy : EventID - 2005
 PID group occupancy error : EventID - 2003
PID Bit Rate Variability : EventID - 2010
 PID Bit Rate Variability : EventID - 2011
Discontinuity : EventID - 3131
 Discontinuity : EventID - 3133
A/65 Base PID : EventID - 3208
Unreferenced PID : EventID - 303b
 Unreferenced PID : EventID - 303a
Referenced PID Not Found : EventID - 3016
 Referenced PID Not Found : EventID - 3017
A53 non-AC3 Audio : EventID - 3860
Transport Stream Bit Rate : EventID - 3600
Service Log Overflow : EventID - 5200
Closed Caption Error : EventID - 3880
 Closed Caption PMT/Video Error : EventID - 3881
 Ind CC PMT/Video Error : EventID - 3882
 Closed Caption PMT/Video Error : EventID - 3882
 Closed Caption EIT/Video Error : EventID - 3883
 Ind CC EIT/Video Error : EventID - 3884
 Closed Caption EIT/Video Error : EventID - 3884
Any Template Error : EventID - 6fff
 Template Header Error : EventID - 6000
 Template TransportStreamId error : EventID - 6010
 Template NetworkId error : EventID - 6020
 Template OriginalNetworkId error : EventID - 6030
 Template ServiceNumber error : EventID - 6040
 Any Template Service Error : EventID - 6100
 Template PcrPid error : EventID - 6110
 Template ServiceType error : EventID - 6120
 Template ServiceName error : EventID - 6130
 Template Service constraint error : EventID - 6140
 Template OtherPidsAllowed error : EventID - 6150
 Any Template PID Error : EventID - 6200
 Template CADescriptorPresent error : EventID - 6210
 Template Pid scrambling error : EventID - 6220
 Template StreamType error : EventID - 6230
 Template Pid constraint error : EventID - 6240
 Any Template Rating Error : EventID - 6300
 Template DVB/ATSC Ratings error : EventID - 6301
AV Quality Tests : EventID - 3aff
 Current Service Tests : EventID - 3b0f
 Video Blockiness : EventID - 3b00
 Video Blockiness : EventID - 3b01
 Video Frozen : EventID - 3b04
 Video Frozen : EventID - 3b05
 Video Black : EventID - 3b06

Video Black : EventID - 3b07

ISDB-S Tests

Priority Tests : EventID - 37f7
 Priority 1 : EventID - 37f3
 1.1 Sync : EventID - 3011
 1.2 Sync Byte : EventID - 3012
 1.3.a PAT : EventID - 3018
 1.3 PAT (Timer) : EventID - 3100
 1.3 PAT (Table ID) : EventID - 3101
 1.3 PAT (Scrambling) : EventID - 3102
 PAT max section RI : EventID - 3950
 1.4 Continuity : EventID - 3014
 1.4 Continuity : EventID - 3132
 1.5.a PMT : EventID - 3019
 1.5 PMT (Timer) : EventID - 3103
 Ind PMT Err Timer : EventID - 3160
 1.5 PMT (Timer) : EventID - 3160
 1.5 PMT (Scrambling) : EventID - 3104
 1.6 PID : EventID - 3016
 1.6 PID : EventID - 3017
 Priority 2 : EventID - 37f4
 2.1 Transport : EventID - 3021
 2.2 CRC : EventID - 3022
 2.3.a PCR Repetition : EventID - 3150
 2.3.a PCR Repetition : EventID - 3117
 2.3.b PCR Discontinuity Indicator : EventID - 3151
 2.3.b PCR Discontinuity Indicator : EventID - 3118
 2.4 PCR Accuracy : EventID - 3024
 2.4 PCR Accuracy : EventID - 3028
 2.5 PTS : EventID - 3025
 2.5 PTS : EventID - 3728
 2.6 CAT : EventID - 3026
 2.6 CAT (Table ID) : EventID - 3107
 2.6 CAT (Scrambling) : EventID - 3114
 Priority 3 : EventID - 37f5
 3.1.a NIT Actual : EventID - 3140
 3.1 NIT (Table ID) : EventID - 3109
 NIT Actual Min Any Section Reptn Int : EventID - 3955
 NIT Actual Timer : EventID - 3951
 3.1.b NIT Other : EventID - 3708
 Ind NIT other max section RI : EventID - 372d
 3.2 SI Repetition : EventID - 3032
 NIT Actual Min Section Reptn Int : EventID - 3703
 Ind NIT actual min section RI : EventID - 3729
 NIT Actual Max Section Reptn Int : EventID - 3705
 NIT Actual Max Subtable Reptn Int : EventID - 3704
 Ind NIT actual max subtable RI : EventID - 372a
 SDT Actual Min Section Reptn Int : EventID - 3709
 Ind SDT actual min section RI : EventID - 372e
 SDT Actual Max Section Reptn Int : EventID - 370b
 SDT Actual Max Subtable Reptn Int : EventID - 370a
 Ind SDT actual max subtable RI : EventID - 372f

SDT Other Min Section Reptn Int : EventID - 370c
Ind SDT other min section RI : EventID - 3730
SDT Other Max Subtable Reptn Int : EventID - 370d
Ind SDT other max subtable RI : EventID - 3731
EIT Actual PF Min Sect Reptn Int : EventID - 370f
Ind DVB EIT actual p/f min section RI : EventID - 3733
EIT Actual PF Max Subtable Reptn Int : EventID - 3710
Ind DVB EIT actual p/f max subtable RI : EventID - 3734
EIT Other PF Min Sect Reptn Int : EventID - 3713
Ind DVB EIT other p/f min section RI : EventID - 3735
EIT Other PF Max Subtable Reptn Int : EventID - 3714
Ind DVB EIT other p/f max subtable RI : EventID - 3736
EIT Actual Sched Min Sect Reptn Int : EventID - 3717
Ind DVB EIT actual schedule min section RI : EventID - 3737
EIT Actual Sched Max Subtable Reptn Int : EventID - 3718
Ind DVB EIT actual schedule max subtable RI : EventID - 3738
EIT Other Sched Min Sect Reptn Int : EventID - 3719
Ind DVB EIT other schedule min section RI : EventID - 3739
EIT Other Sched Max Subtable Reptn Int : EventID - 371a
Ind DVB EIT other schedule max subtable RI : EventID - 373a
TOT Min Section Reptn Int : EventID - 371e
Ind TOT min section RI : EventID - 373d
TOT Max Section Reptn Int : EventID - 371f
3.1.b NIT Other : EventID - 3708
Ind NIT other max section RI : EventID - 372d
3.5.b SDT Other : EventID - 370e
Ind SDT other max section RI : EventID - 3732
CAT max subtable RI : EventID - 3115
SDTT Max Subtable Reptn Int : EventID - 3761
Ind SDTT max subtable RI : EventID - 3742
BIT Max Subtable Reptn Int : EventID - 3763
Ind BIT max subtable RI : EventID - 3744
SDTT Min Sect Reptn Int : EventID - 3760
Ind SDTT min section RI : EventID - 3741
BIT Min Sect Reptn Int : EventID - 3762
Ind BIT min section RI : EventID - 3743
3.4.a Unreferenced PID : EventID - 303b
3.4.a Unreferenced PID : EventID - 303a
3.5.a SDT Actual : EventID - 3142
3.5 SDT (Table ID) : EventID - 3106
SDT Actual Min Any Section Reptn Int : EventID - 3956
SDT Actual Timer : EventID - 3952
3.5.b SDT Other : EventID - 370e
Ind SDT other max section RI : EventID - 3732
3.6.a EIT Actual : EventID - 3143
3.6 EIT (Table ID) : EventID - 3111
EIT Actual PF Min Any Section Reptn Int : EventID - 3957
EIT Actual P Timer : EventID - 3953
EIT Actual F Timer : EventID - 3954
3.6.b EIT Other : EventID - 3144
EIT Other P Max Sect Reptn Int : EventID - 3715
EIT Other F Max Sect Reptn Int : EventID - 3716
3.6c EIT PF : EventID - 3333
EIT P/F Presence : EventID - 3051
EIT P/F Presence Consistency : EventID - 3052
Other : EventID - 37f2

Table Tests : EventID - 37f6
 Any Table Syntax : EventID - 3520
 PAT Syntax : EventID - 3500
 PMT Syntax : EventID - 3501
 CAT Syntax : EventID - 3502
 NIT Syntax : EventID - 3503
 SDT Syntax : EventID - 3505
 EIT Syntax : EventID - 3506
 TOT Syntax : EventID - 3508
 SDTT Syntax : EventID - 3791
 BIT Syntax : EventID - 3792
 DPI/SIT Syntax : EventID - 3828
 Table Id Error : EventID - 37fb
 TOT (Table ID) : EventID - 3119
 SDTT (Table Id) : EventID - 3780
 BIT (Table Id) : EventID - 3781
 SDTT : EventID - 3770
 SDTT Min Sect Reptn Int : EventID - 3760
 Ind SDTT min section RI : EventID - 3741
 SDTT Max Subtable Reptn Int : EventID - 3761
 Ind SDTT max subtable RI : EventID - 3742
 SDTT (Table Id) : EventID - 3780
 BIT : EventID - 3771
 BIT Min Sect Reptn Int : EventID - 3762
 Ind BIT min section RI : EventID - 3743
 BIT Max Subtable Reptn Int : EventID - 3763
 Ind BIT max subtable RI : EventID - 3744
 BIT (Table Id) : EventID - 3781
 PAT/PMT Consistency : EventID - 3330
 Table Version Consistency : EventID - 4049
 PAT/SDT consistency : EventID - 3331
 DSM-CC error : EventID - 3910
 DII min RI : EventID - 3908
 Ind DII min repetition error : EventID - 3909
 DII max RI : EventID - 390c
 Ind DII max repetition error : EventID - 390d
 DII Timeout : EventID - 3905
 DII download completion : EventID - 390e
 Ind DII completion : EventID - 390f
 Miscellaneous : EventID - 37f9
 TS Availability : EventID - 3053
 PID Occupancy : EventID - 2001
 PID Occupancy : EventID - 2004
 Prog Occupancy : EventID - 2002
 Program occupancy error : EventID - 3039
 Prog Occupancy : EventID - 3039
 PCR Overall Jitter (PCR_OJ) : EventID - 3040
 PCR Overall Jitter (PCR_OJ) : EventID - 3043
 PCR Frequency Offset (PCR_FO) : EventID - 3041
 PCR Frequency Offset (PCR_FO) : EventID - 3044
 PCR Drift Rate (PCR_DR) : EventID - 3042
 PCR Drift Rate (PCR_DR) : EventID - 3045
 DPI/SIT Any Errors : EventID - 382a
 Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
 Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
 DPI/SIT Encrypted Error : EventID - 3825

- DPI/SIT Missing : EventID - 3826
 - Ind DPI/SIT Missing : EventID - 3827
- DPI/SIT Syntax : EventID - 3828
- DPI/SIT Max subtable RI : EventID - 3829
- PID Group Occupancy : EventID - 2005
 - PID group occupancy error : EventID - 2003
- PID Bit Rate Variability : EventID - 2010
 - PID Bit Rate Variability : EventID - 2011
- Discontinuity : EventID - 3131
 - Discontinuity : EventID - 3133
- Transport Stream Bit Rate : EventID - 3600
- Service Log Overflow : EventID - 5200
- Any Template Error : EventID - 6fff
 - Template Header Error : EventID - 6000
 - Template TransportStreamId error : EventID - 6010
 - Template NetworkId error : EventID - 6020
 - Template OriginalNetworkId error : EventID - 6030
 - Template ServiceNumber error : EventID - 6040
 - Any Template Service Error : EventID - 6100
 - Template PcrPid error : EventID - 6110
 - Template ServiceType error : EventID - 6120
 - Template ServiceName error : EventID - 6130
 - Template Service constraint error : EventID - 6140
 - Template OtherPidsAllowed error : EventID - 6150
 - Any Template PID Error : EventID - 6200
 - Template CADescriptorPresent error : EventID - 6210
 - Template Pid scrambling error : EventID - 6220
 - Template StreamType error : EventID - 6230
 - Template Pid constraint error : EventID - 6240
 - Any Template Rating Error : EventID - 6300
 - Template DVB/ATSC Ratings error : EventID - 6301

ISDB-T Tests

- ISDB Tests : EventID - 37f8
 - NIT Terrestrial Delivery Validation : EventID - 37a1
 - Mode/Guard Interval Validation : EventID - 379e
 - Time Interleaving Validation : EventID - 379f
 - Modulation/Error Compensation Validation : EventID - 37a0
 - Partial Reception/TS Information Consistency : EventID - 37a3
 - Guard Interval Consistency : EventID - 379a
 - Transmission Mode Consistency : EventID - 379b
 - Partial Reception Consistency : EventID - 379c
 - NIT Service List Consistency : EventID - 37a2
 - EIT Type Content Check : EventID - 37a5
 - EIT Unique Event Id : EventID - 37a6
 - SDT/EIT Consistency : EventID - 37a7
 - Ind ISDBT SDT/EIT Consistency : EventID - 37a8
 - NIT/EIT Consistency : EventID - 37aa
 - Ind ISDBT NIT/EIT Consistency : EventID - 37ab
 - Ind ISDBT NIT/EIT Consistency : EventID - 37ab
 - NIT/SDT Consistency : EventID - 37b1
 - Any IIP CRC : EventID - 37b4

IIP MCCI CRC : EventID - 37b2
 IIP SFN Sync CRC : EventID - 37b3
 IIP Branching : EventID - 37c1
 IIP Error : EventID - 37c2
 TMCC Id Error : EventID - 37c3
 Max Partial Reception Services Error : EventID - 37c4
 NIT/PMT Consistency : EventID - 37c5
 Partial Reception Service ID Check : EventID - 37c6
 HEIT Schedule : EventID - 37fd
 H-EIT basic schedule max subtable RI for TV : EventID - 37b5
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group 1 :
 EventID - 37d0
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group 2 :
 EventID - 37d1
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group 3 :
 EventID - 37d2
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group Base :
 EventID - 37d3
 H-EIT basic schedule max subtable RI for audio : EventID - 37b6
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 1 :
 EventID - 37d4
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 2 :
 EventID - 37d5
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 3 :
 EventID - 37d6
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group Base :
 EventID - 37d7
 H-EIT basic schedule max subtable RI for data : EventID - 37b7
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 1 :
 EventID - 37d8
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :
 EventID - 37d9
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :
 EventID - 37da
 Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :
 EventID - 37db
 H-EIT extended schedule max subtable RI for TV : EventID - 37b8
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group 1 :
 EventID - 37dc
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group 2 :
 EventID - 37dd
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group 3 :
 EventID - 37de
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group Base :
 EventID - 37df
 H-EIT extended schedule max subtable RI for audio : EventID - 37b9
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 1 :
 EventID - 37e0
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 2 :
 EventID - 37e1
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 3 :
 EventID - 37e2
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group Base :
 EventID - 37e3
 H-EIT extended schedule max subtable RI for data : EventID - 37ba

- Ind H-EIT basic schedule max subtable RI for data Cycle Group 1 :
EventID - 37e4
- Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :
EventID - 37e5
- Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :
EventID - 37e6
- Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :
EventID - 37e7
- Priority Tests : EventID - 37f7
 - Priority 1 : EventID - 37f3
 - 1.1 Sync : EventID - 3011
 - 1.2 Sync Byte : EventID - 3012
 - Sync Byte Error Rate (15min) : EventID - 3048
 - 1.3.a PAT : EventID - 3018
 - 1.3 PAT (Timer) : EventID - 3100
 - 1.3 PAT (Table ID) : EventID - 3101
 - 1.3 PAT (Scrambling) : EventID - 3102
 - PAT max section RI : EventID - 3950
 - 1.4 Continuity : EventID - 3014
 - 1.4 Continuity : EventID - 3132
 - Continuity Error Rate (15min) : EventID - 3047
 - 1.5.a PMT : EventID - 3019
 - 1.5 PMT (Timer) : EventID - 3103
 - Ind PMT Err Timer : EventID - 3160
 - 1.5 PMT (Timer) : EventID - 3160
 - 1.5 PMT (Scrambling) : EventID - 3104
 - 1.6 PID : EventID - 3016
 - 1.6 PID : EventID - 3017
 - Priority 2 : EventID - 37f4
 - 2.1 Transport : EventID - 3021
 - Transport Error Rate (15min) : EventID - 3049
 - 2.2 CRC : EventID - 3022
 - CRC Error Rate (15min) : EventID - 3046
 - 2.3.a PCR Repetition : EventID - 3150
 - 2.3.a PCR Repetition : EventID - 3117
 - 2.3.b PCR Discontinuity Indicator : EventID - 3151
 - 2.3.b PCR Discontinuity Indicator : EventID - 3118
 - 2.4 PCR Accuracy : EventID - 3024
 - 2.4 PCR Accuracy : EventID - 3028
 - 2.5 PTS : EventID - 3025
 - 2.5 PTS : EventID - 3728
 - 2.6 CAT : EventID - 3026
 - 2.6 CAT (Table ID) : EventID - 3107
 - 2.6 CAT (Scrambling) : EventID - 3114
 - Priority 3 : EventID - 37f5
 - 3.1.a NIT : EventID - 3140
 - 3.1 NIT (Table ID) : EventID - 3109
 - NIT Min Any Section Reptn Int : EventID - 3955
 - NIT Actual Timer : EventID - 3951
 - 3.2 SI Repetition : EventID - 3032
 - NIT Min Section Reptn Int : EventID - 3703
 - Ind NIT actual min section RI : EventID - 3729
 - NIT Max Section Reptn Int : EventID - 3705
 - NIT Max Subtable Reptn Int : EventID - 3704
 - Ind NIT actual max subtable RI : EventID - 372a
 - SDT Min Section Reptn Int : EventID - 3709

Ind SDT actual min section RI : EventID - 372e
 SDT Max Section Reptn Int : EventID - 370b
 SDT Max Subtable Reptn Int : EventID - 370a
 Ind SDT actual max subtable RI : EventID - 372f
 TOT Min Sect Reptn Int : EventID - 371e
 Ind TOT min section RI : EventID - 373d
 TOT Max Sect Reptn Int : EventID - 371f
 CAT max subtable RI : EventID - 3115
 BIT Max Subtable Reptn Int : EventID - 3763
 Ind BIT max subtable RI : EventID - 3744
 CDT Max Subtable Reptn Int : EventID - 3776
 Ind CDT max subtable RI : EventID - 374d
 BIT Min Section Reptn Int : EventID - 3762
 Ind BIT min section RI : EventID - 3743
 CDT Min Sect Reptn Int : EventID - 3775
 Ind CDT min section RI : EventID - 374e
 M-EIT Max Subtable Reptn Int : EventID - 375c
 L-EIT Max Subtable Reptn Int : EventID - 375e
 M-EIT Min Sect Reptn Int : EventID - 375d
 L-EIT Min Sect Reptn Int : EventID - 375f
 SDTT(H) max subtable RI : EventID - 37e9
 Ind SDTT(H) max subtable RI : EventID - 37eb
 SDTT(H) min section RI : EventID - 37e8
 Ind SDTT(H) min section RI : EventID - 37ea
 SDTT(L) max subtable RI : EventID - 37ed
 Ind SDTT(L) max subtable RI : EventID - 37ef
 SDTT(L) min section RI : EventID - 37ec
 Ind SDTT(L) min section RI : EventID - 37ee
 3.4.a Unref PID : EventID - 303b
 3.4.a Unref PID : EventID - 303a
 3.5.a SDT : EventID - 3142
 3.5 SDT (Table ID) : EventID - 3106
 SDT Min Any Section Reptn Int : EventID - 3956
 SDT Actual Timer : EventID - 3952
 3.6c EIT PF : EventID - 3333
 EIT P/F Presence : EventID - 3051
 EIT P/F Presence Consistency : EventID - 3052
 Other : EventID - 37f2
 Table Tests : EventID - 37f6
 Any Table Syntax : EventID - 3520
 PAT Syntax : EventID - 3500
 PMT Syntax : EventID - 3501
 CAT Syntax : EventID - 3502
 NIT Syntax : EventID - 3503
 SDT Syntax : EventID - 3505
 TOT Syntax : EventID - 3508
 BIT Syntax : EventID - 3792
 CDT Syntax : EventID - 3799
 SDTT(L) Syntax : EventID - 37f1
 SDTT(H) Syntax : EventID - 37f0
 DPI/SIT Syntax : EventID - 3828
 H-EIT Syntax : EventID - 3519
 M-EIT Syntax : EventID - 351a
 L-EIT Syntax : EventID - 351b
 H-EIT Basic Schedule Syntax : EventID - 351c
 H-EIT Extended Schedule Syntax : EventID - 351d

Table Id Error : EventID - 37fb
 TOT (Table ID) : EventID - 3119
 H-EIT (Table ID) : EventID - 311a
 M-EIT (Table ID) : EventID - 311b
 L-EIT (Table ID) : EventID - 311c
 L-SDTT (Table ID) : EventID - 311d
 H-SDTT (Table ID) : EventID - 311e
 SIT (Table ID) : EventID - 311f
 DIT (Table ID) : EventID - 3126
 BIT (Table ID) : EventID - 3781
 H-EIT : EventID - 3127
 H-EIT (Table ID) : EventID - 311a
 H-EIT PF Min Sect Reptn Int : EventID - 370f
 Ind DVB EIT actual p/f min section RI : EventID - 3733
 H-EIT PF Max Subtable Reptn Int : EventID - 3710
 Ind DVB EIT actual p/f max subtable RI : EventID - 3734
 M-EIT : EventID - 3128
 M-EIT (Table ID) : EventID - 311b
 M-EIT Max Subtable Reptn Int : EventID - 375c
 M-EIT Min Sect Reptn Int : EventID - 375d
 L-EIT : EventID - 3129
 L-EIT (Table ID) : EventID - 311c
 L-EIT Max Subtable Reptn Int : EventID - 375e
 L-EIT Min Sect Reptn Int : EventID - 375f
 L-SDTT : EventID - 312b
 SDTT(L) min section RI : EventID - 37ec
 Ind SDTT(L) min section RI : EventID - 37ee
 SDTT(L) max subtable RI : EventID - 37ed
 Ind SDTT(L) max subtable RI : EventID - 37ef
 L-SDTT (Table ID) : EventID - 311d
 H-SDTT : EventID - 312a
 SDTT(H) min section RI : EventID - 37e8
 Ind SDTT(H) min section RI : EventID - 37ea
 SDTT(H) max subtable RI : EventID - 37e9
 Ind SDTT(H) max subtable RI : EventID - 37eb
 H-SDTT (Table ID) : EventID - 311e
 SIT : EventID - 312d
 SIT (Table ID) : EventID - 311f
 DIT : EventID - 312c
 DIT (Table ID) : EventID - 3126
 CDT : EventID - 3777
 CDT Min Sect Reptn Int : EventID - 3775
 Ind CDT min section RI : EventID - 374e
 CDT Max Subtable Reptn Int : EventID - 3776
 Ind CDT max subtable RI : EventID - 374d
 BIT : EventID - 3771
 BIT Min Section Reptn Int : EventID - 3762
 Ind BIT min section RI : EventID - 3743
 BIT Max Subtable Reptn Int : EventID - 3763
 Ind BIT max subtable RI : EventID - 3744
 BIT (Table ID) : EventID - 3781
 PAT/PMT Consistency : EventID - 3330
 Table Version Consistency : EventID - 4049
 PAT/SDT consistency : EventID - 3331
 DSM-CC error : EventID - 3910
 DII min RI : EventID - 3908

Ind DII min repetition error : EventID - 3909
 DII max RI : EventID - 390c
 Ind DII max repetition error : EventID - 390d
 DII Timeout : EventID - 3905
 DII download completion : EventID - 390e
 Ind DII completion : EventID - 390f
 Miscellaneous : EventID - 37f9
 TS Availability : EventID - 3053" Enableable="false
 PID Occupancy : EventID - 2001
 PID Occupancy : EventID - 2004
 Prog Occupancy : EventID - 2002
 Program occupancy error : EventID - 3039
 Prog Occupancy : EventID - 3039
 PCR Overall Jitter (PCR_OJ) : EventID - 3040
 PCR Overall Jitter (PCR_OJ) : EventID - 3043
 PCR Frequency Offset (PCR_FO) : EventID - 3041
 PCR Frequency Offset (PCR_FO) : EventID - 3044
 PCR Drift Rate (PCR_DR) : EventID - 3042
 PCR Drift Rate (PCR_DR) : EventID - 3045
 DPI/SIT Any Errors : EventID - 382a
 Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
 Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
 DPI/SIT Encrypted Error : EventID - 3825
 DPI/SIT Missing : EventID - 3826
 Ind DPI/SIT Missing : EventID - 3827
 DPI/SIT Syntax : EventID - 3828
 DPI/SIT Max subtable RI : EventID - 3829
 PID Group Occupancy : EventID - 2005
 PID group occupancy error : EventID - 2003
 PID Bit Rate Variability : EventID - 2010
 PID Bit Rate Variability : EventID - 2011
 Discontinuity : EventID - 3131
 Discontinuity : EventID - 3133
 Transport Stream Bit Rate : EventID - 3600
 Service Log Overflow : EventID - 5200
 Any Template Error : EventID - 6fff
 Template Header Error : EventID - 6000
 Template TransportStreamId error : EventID - 6010
 Template NetworkId error : EventID - 6020
 Template OriginalNetworkId error : EventID - 6030
 Template ServiceNumber error : EventID - 6040
 Any Template Service Error : EventID - 6100
 Template PcrPid error : EventID - 6110
 Template ServiceType error : EventID - 6120
 Template ServiceName error : EventID - 6130
 Template Service constraint error : EventID - 6140
 Template OtherPidsAllowed error : EventID - 6150
 Any Template PID Error : EventID - 6200
 Template CADescriptorPresent error : EventID - 6210
 Template Pid scrambling error : EventID - 6220
 Template StreamType error : EventID - 6230
 Template Pid constraint error : EventID - 6240
 Any Template Rating Error : EventID - 6300
 Template DVB/ATSC Ratings error : EventID - 6301

ISDB (Partial Reception)

ISDB Tests : EventID - 37f8
NIT Terrestrial Delivery Validation : EventID - 37a1
Mode/Guard Interval Validation : EventID - 379e
Time Interleaving Validation : EventID - 379f
Modulation/Error Compensation Validation : EventID - 37a0
Partial Reception/TS Information Consistency : EventID - 37a3
Guard Interval Consistency : EventID - 379a
Transmission Mode Consistency : EventID - 379b
Partial Reception Consistency : EventID - 379c
NIT Service List Consistency : EventID - 37a2
EIT Type Content Check : EventID - 37a5
EIT Unique Event Id : EventID - 37a6
SDT/EIT Consistency : EventID - 37a7
Ind ISDBT SDT/EIT Consistency : EventID - 37a8
NIT/EIT Consistency : EventID - 37aa
Ind ISDBT NIT/EIT Consistency : EventID - 37ab
Ind ISDBT NIT/EIT Consistency : EventID - 37ab
NIT/SDT Consistency : EventID - 37b1
TMCC Id Error : EventID - 37c3
Max Partial Reception Services Error : EventID - 37c4
NIT/PMT Consistency : EventID - 37c5
Partial Reception Service ID Check : EventID - 37c6
HEIT Schedule : EventID - 37fd
H-EIT basic schedule max subtable RI for TV : EventID - 37b5
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 1 :
EventID - 37d0
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 2 :
EventID - 37d1
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 3 :
EventID - 37d2
Ind H-EIT basic schedule max subtable RI for TV Cycle Group Base :
EventID - 37d3
H-EIT basic schedule max subtable RI for audio : EventID - 37b6
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 1 :
EventID - 37d4
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 2 :
EventID - 37d5
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 3 :
EventID - 37d6
Ind H-EIT basic schedule max subtable RI for audio Cycle Group Base :
EventID - 37d7
H-EIT basic schedule max subtable RI for data : EventID - 37b7
Ind H-EIT basic schedule max subtable RI for data Cycle Group 1 :
EventID - 37d8
Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :
EventID - 37d9
Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :
EventID - 37da
Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :
EventID - 37db
H-EIT extended schedule max subtable RI for TV : EventID - 37b8
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 1 :
EventID - 37dc

Ind H-EIT basic schedule max subtable RI for TV Cycle Group 2 :
 EventID - 37dd
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group 3 :
 EventID - 37de
 Ind H-EIT basic schedule max subtable RI for TV Cycle Group Base :
 EventID - 37df
 H-EIT extended schedule max subtable RI for audio : EventID - 37b9
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 1 :
 EventID - 37e0
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 2 :
 EventID - 37e1
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group 3 :
 EventID - 37e2
 Ind H-EIT basic schedule max subtable RI for audio Cycle Group Base :
 EventID - 37e3
 H-EIT extended schedule max subtable RI for data : EventID - 37ba
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 1 :
 EventID - 37e4
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :
 EventID - 37e5
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :
 EventID - 37e6
 Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :
 EventID - 37e7
 Priority Tests : EventID - 37f7
 Priority 1 : EventID - 37f3
 1.1 Sync : EventID - 3011
 1.2 Sync Byte : EventID - 3012
 1.3.a PAT : EventID - 3018
 1.3 PAT (Timer) : EventID - 3100
 1.3 PAT (Table ID) : EventID - 3101
 1.3 PAT (Scrambling) : EventID - 3102
 PAT max section RI : EventID - 3950
 1.4 Continuity : EventID - 3014
 1.4 Continuity : EventID - 3132
 1.5.a PMT : EventID - 3019
 1.5 PMT (Timer) : EventID - 3103
 Ind PMT Err Timer : EventID - 3160
 1.5 PMT (Timer) : EventID - 3160
 1.5 PMT (Scrambling) : EventID - 3104
 1.6 PID : EventID - 3016
 1.6 PID : EventID - 3017
 Priority 2 : EventID - 37f4
 2.1 Transport : EventID - 3021
 2.2 CRC : EventID - 3022
 2.3.a PCR Repetition : EventID - 3150
 2.3.a PCR Repetition : EventID - 3117
 2.3.b PCR Discontinuity Indicator : EventID - 3151
 2.3.b PCR Discontinuity Indicator : EventID - 3118
 2.4 PCR Accuracy : EventID - 3024
 2.4 PCR Accuracy : EventID - 3028
 2.5 PTS : EventID - 3025
 2.5 PTS : EventID - 3728
 2.6 CAT : EventID - 3026
 2.6 CAT (Table ID) : EventID - 3107
 2.6 CAT (Scrambling) : EventID - 3114

Priority 3 : EventID - 37f5
3.1.a NIT : EventID - 3140
3.1 NIT (Table ID) : EventID - 3109
NIT Min Any Section Reptn Int : EventID - 3955
NIT Actual Timer : EventID - 3951
3.2 SI Repetition : EventID - 3032
NIT Min Section Reptn Int : EventID - 3703
Ind NIT actual min section RI : EventID - 3729
NIT Max Section Reptn Int : EventID - 3705
NIT Max Subtable Reptn Int : EventID - 3704
Ind NIT actual max subtable RI : EventID - 372a
SDT Min Section Reptn Int : EventID - 3709
Ind SDT actual min section RI : EventID - 372e
SDT Max Section Reptn Int : EventID - 370b
SDT Max Subtable Reptn Int : EventID - 370a
Ind SDT actual max subtable RI : EventID - 372f
TOT Min Sect Reptn Int : EventID - 371e
Ind TOT min section RI : EventID - 373d
TOT Max Sect Reptn Int : EventID - 371f
CAT max subtable RI : EventID - 3115
BIT Max Subtable Reptn Int : EventID - 3763
Ind BIT max subtable RI : EventID - 3744
CDT Max Subtable Reptn Int : EventID - 3776
Ind CDT max subtable RI : EventID - 374d
BIT Min Section Reptn Int : EventID - 3762
Ind BIT min section RI : EventID - 3743
CDT Min Sect Reptn Int : EventID - 3775
Ind CDT min section RI : EventID - 374e
M-EIT Max Subtable Reptn Int : EventID - 375c
L-EIT Max Subtable Reptn Int : EventID - 375e
M-EIT Min Sect Reptn Int : EventID - 375d
L-EIT Min Sect Reptn Int : EventID - 375f
SDTT(H) max subtable RI : EventID - 37e9
Ind SDTT(H) max subtable RI : EventID - 37eb
SDTT(H) min section RI : EventID - 37e8
Ind SDTT(H) min section RI : EventID - 37ea
SDTT(L) max subtable RI : EventID - 37ed
Ind SDTT(L) max subtable RI : EventID - 37ef
SDTT(L) min section RI : EventID - 37ec
Ind SDTT(L) min section RI : EventID - 37ee
3.4.a Unref PID : EventID - 303b
3.4.a Unref PID : EventID - 303a
3.5.a SDT : EventID - 3142
3.5 SDT (Table ID) : EventID - 3106
SDT Min Any Section Reptn Int : EventID - 3956
SDT Actual Timer : EventID - 3952
3.6c EIT PF : EventID - 3333
EIT P/F Presence : EventID - 3051
EIT P/F Presence Consistency : EventID - 3052
Other : EventID - 37f2
Table Tests : EventID - 37f6
Any Table Syntax : EventID - 3520
PAT Syntax : EventID - 3500
PMT Syntax : EventID - 3501
CAT Syntax : EventID - 3502
NIT Syntax : EventID - 3503

SDT Syntax : EventID - 3505
 TOT Syntax : EventID - 3508
 BIT Syntax : EventID - 3792
 CDT Syntax : EventID - 3799
 SDTT(L) Syntax : EventID - 37f1
 SDTT(H) Syntax : EventID - 37f0
 DPI/SIT Syntax : EventID - 3828
 H-EIT Syntax : EventID - 3519
 M-EIT Syntax : EventID - 351a
 L-EIT Syntax : EventID - 351b
 H-EIT Basic Schedule Syntax : EventID - 351c
 H-EIT Extended Schedule Syntax : EventID - 351d
 Table Id Error : EventID - 37fb
 TOT (Table ID) : EventID - 3119
 H-EIT (Table ID) : EventID - 311a
 M-EIT (Table ID) : EventID - 311b
 L-EIT (Table ID) : EventID - 311c
 L-SDTT (Table ID) : EventID - 311d
 H-SDTT (Table ID) : EventID - 311e
 SIT (Table ID) : EventID - 311f
 DIT (Table ID) : EventID - 3126
 BIT (Table ID) : EventID - 3781
 H-EIT : EventID - 3127
 H-EIT (Table ID) : EventID - 311a
 H-EIT PF Min Sect Reptn Int : EventID - 370f
 Ind DVB EIT actual p/f min section RI : EventID - 3733
 H-EIT PF Max Subtable Reptn Int : EventID - 3710
 Ind DVB EIT actual p/f max subtable RI : EventID - 3734
 M-EIT : EventID - 3128
 M-EIT (Table ID) : EventID - 311b
 M-EIT Max Subtable Reptn Int : EventID - 375c
 M-EIT Min Sect Reptn Int : EventID - 375d
 L-EIT : EventID - 3129
 L-EIT (Table ID) : EventID - 311c
 L-EIT Max Subtable Reptn Int : EventID - 375e
 L-EIT Min Sect Reptn Int : EventID - 375f
 L-SDTT : EventID - 312b
 SDTT(L) min section RI : EventID - 37ec
 Ind SDTT(L) min section RI : EventID - 37ee
 SDTT(L) max subtable RI : EventID - 37ed
 Ind SDTT(L) max subtable RI : EventID - 37ef
 L-SDTT (Table ID) : EventID - 311d
 H-SDTT : EventID - 312a
 SDTT(H) min section RI : EventID - 37e8
 Ind SDTT(H) min section RI : EventID - 37ea
 SDTT(H) max subtable RI : EventID - 37e9
 Ind SDTT(H) max subtable RI : EventID - 37eb
 H-SDTT (Table ID) : EventID - 311e
 SIT : EventID - 312d
 SIT (Table ID) : EventID - 311f
 DIT : EventID - 312c
 DIT (Table ID) : EventID - 3126
 CDT : EventID - 3777
 CDT Min Sect Reptn Int : EventID - 3775
 Ind CDT min section RI : EventID - 374e
 CDT Max Subtable Reptn Int : EventID - 3776

Ind CDT max subtable RI : EventID - 374d
BIT : EventID - 3771
BIT Min Section Reptn Int : EventID - 3762
Ind BIT min section RI : EventID - 3743
BIT Max Subtable Reptn Int : EventID - 3763
Ind BIT max subtable RI : EventID - 3744
BIT (Table ID) : EventID - 3781
PAT/PMT Consistency : EventID - 3330
Table Version Consistency : EventID - 4049
PAT/SDT consistency : EventID - 3331
DSM-CC error : EventID - 3910
DII min RI : EventID - 3908
Ind DII min repetition error : EventID - 3909
DII max RI : EventID - 390c
Ind DII max repetition error : EventID - 390d
DII Timeout : EventID - 3905
DII download completion : EventID - 390e
Ind DII completion : EventID - 390f
Miscellaneous : EventID - 37f9
TS Availability : EventID - 3053
PID Occupancy : EventID - 2001
PID Occupancy : EventID - 2004
Prog Occupancy : EventID - 2002
Program occupancy error : EventID - 3039
Prog Occupancy : EventID - 3039
PCR Overall Jitter (PCR_OJ) : EventID - 3040
PCR Overall Jitter (PCR_OJ) : EventID - 3043
PCR Frequency Offset (PCR_F0) : EventID - 3041
PCR Frequency Offset (PCR_F0) : EventID - 3044
PCR Drift Rate (PCR_DR) : EventID - 3042
PCR Drift Rate (PCR_DR) : EventID - 3045
DPI/SIT Any Errors : EventID - 382a
Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
DPI/SIT Encrypted Error : EventID - 3825
DPI/SIT Missing : EventID - 3826
Ind DPI/SIT Missing : EventID - 3827
DPI/SIT Syntax : EventID - 3828
DPI/SIT Max subtable RI : EventID - 3829
PID Group Occupancy : EventID - 2005
PID group occupancy error : EventID - 2003
PID Bit Rate Variability : EventID - 2010
PID Bit Rate Variability : EventID - 2011
Discontinuity : EventID - 3131
Discontinuity : EventID - 3133
Transport Stream Bit Rate : EventID - 3600
Service Log Overflow : EventID - 5200
Any Template Error : EventID - 6fff
Template Header Error : EventID - 6000
Template TransportStreamId error : EventID - 6010
Template NetworkId error : EventID - 6020
Template OriginalNetworkId error : EventID - 6030
Template ServiceNumber error : EventID - 6040
Any Template Service Error : EventID - 6100
Template PcrPid error : EventID - 6110
Template ServiceType error : EventID - 6120

Template ServiceName error : EventID - 6130
 Template Service constraint error : EventID - 6140
 Template OtherPidsAllowed error : EventID - 6150
 Any Template PID Error : EventID - 6200
 Template CADescriptorPresent error : EventID - 6210
 Template Pid scrambling error : EventID - 6220
 Template StreamType error : EventID - 6230
 Template Pid constraint error : EventID - 6240
 Any Template Rating Error : EventID - 6300
 Template DVB/ATSC Ratings error : EventID - 6301

DCII Tests

Priority Tests : EventID - 37f7
 Priority 1 : EventID - 37f3
 1.1 Sync : EventID - 3011
 1.2 Sync Byte : EventID - 3012
 Sync Byte Error Rate (15min) : EventID - 3048
 1.3.a PAT : EventID - 3018
 1.3 PAT (Timer) : EventID - 3100
 1.3 PAT (Table ID) : EventID - 3101
 1.3 PAT (Scrambling) : EventID - 3102
 PAT max section RI : EventID - 3950
 1.4 Continuity : EventID - 3014
 1.4 Continuity : EventID - 3132
 Continuity Error Rate (15min) : EventID - 3047
 1.5.a PMT : EventID - 3019
 1.5 PMT (Timer) : EventID - 3103
 Ind PMT Err Timer : EventID - 3160
 1.5 PMT (Timer) : EventID - 3160
 1.5 PMT (Scrambling) : EventID - 3104
 1.6 PID : EventID - 3016
 1.6 PID : EventID - 3017
 Priority 2 : EventID - 37f4
 2.1 Transport : EventID - 3021
 Transport Error Rate (15min) : EventID - 3049
 2.2 CRC : EventID - 3022
 CRC Error Rate (15min) : EventID - 3046
 2.3.a PCR Repetition : EventID - 3150
 2.3.a PCR Repetition : EventID - 3117
 2.3.b PCR Discontinuity Indicator : EventID - 3151
 2.3.b PCR Discontinuity Indicator : EventID - 3118
 2.4 PCR Accuracy : EventID - 3024
 2.4 PCR Accuracy : EventID - 3028
 2.5 PTS : EventID - 3025
 2.5 PTS : EventID - 3728
 2.6 CAT : EventID - 3026
 2.6 CAT (Scrambling) : EventID - 3114
 Priority 3 : EventID - 37f5
 3.4.a Unref PID : EventID - 303b
 3.4.a Unref PID : EventID - 303a
 Other : EventID - 37f2
 Table Tests : EventID - 37f6

Any Table Syntax : EventID - 3520
PAT Syntax : EventID - 3500
PMT Syntax : EventID - 3501
CAT Syntax : EventID - 3502
DPI/SIT Syntax : EventID - 3828
PIM Syntax : EventID - 3513
PNM Syntax : EventID - 3514
NIM Syntax : EventID - 3515
NTM Syntax : EventID - 3516
VCM Syntax : EventID - 3517
STM Syntax : EventID - 3518
PIM missing : EventID - 3830
PNM missing : EventID - 3831
NIM missing : EventID - 3832
NTM missing : EventID - 3833
VCM missing : EventID - 3834
STM missing : EventID - 3835
PAT/PMT Consistency : EventID - 3330
Table Version Consistency : EventID - 4049
Miscellaneous : EventID - 37f9
TS Availability : EventID - 3053
PID Occupancy : EventID - 2001
PID Occupancy : EventID - 2004
Prog Occupancy : EventID - 2002
Program occupancy error : EventID - 3039
Prog Occupancy : EventID - 3039
PCR Overall Jitter (PCR_OJ) : EventID - 3040
PCR Overall Jitter (PCR_OJ) : EventID - 3043
PCR Frequency Offset (PCR_FO) : EventID - 3041
PCR Frequency Offset (PCR_FO) : EventID - 3044
PCR Drift Rate (PCR_DR) : EventID - 3042
PCR Drift Rate (PCR_DR) : EventID - 3045
DPI/SIT Any Errors : EventID - 382a
Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
DPI/SIT Encrypted Error : EventID - 3825
DPI/SIT Missing : EventID - 3826
Ind DPI/SIT Missing : EventID - 3827
DPI/SIT Syntax : EventID - 3828
DPI/SIT Max subtable RI : EventID - 3829
PID Group Occupancy : EventID - 2005
PID group occupancy error : EventID - 2003
PID Bit Rate Variability : EventID - 2010
PID Bit Rate Variability : EventID - 2011
Discontinuity : EventID - 3131
Discontinuity : EventID - 3133
DCII Base PID Err : EventID - 3836
Transport Stream Bit Rate : EventID - 3600
Service Log Overflow : EventID - 5200
Any Template Error : EventID - 6fff
Template Header Error : EventID - 6000
Template TransportStreamId error : EventID - 6010
Template NetworkId error : EventID - 6020
Template OriginalNetworkId error : EventID - 6030
Template ServiceNumber error : EventID - 6040
Any Template Service Error : EventID - 6100

Template PcrPid error : EventID - 6110
 Template ServiceType error : EventID - 6120
 Template ServiceName error : EventID - 6130
 Template Service constraint error : EventID - 6140
 Template OtherPidsAllowed error : EventID - 6150
 Any Template PID Error : EventID - 6200
 Template CADescriptorPresent error : EventID - 6210
 Template Pid scrambling error : EventID - 6220
 Template StreamType error : EventID - 6230
 Template Pid constraint error : EventID - 6240
 Any Template Rating Error : EventID - 6300
 Template DVB/ATSC Ratings error : EventID - 6301
 AV Quality Tests : EventID - 3aff
 Current Service Tests : EventID - 3b0f
 Video Blockiness : EventID - 3b00
 Video Blockiness : EventID - 3b01
 Video Frozen : EventID - 3b04
 Video Frozen : EventID - 3b05
 Video Black : EventID - 3b06
 Video Black : EventID - 3b07

China Tests

TR 101 290 : EventID - 37f7
 Priority 1 : EventID - 37f3
 1.1 Sync : EventID - 3011
 1.2 Sync Byte : EventID - 3012
 Sync Byte Error Rate (15min) : EventID - 3048
 1.3.a PAT : EventID - 3018
 1.3 PAT (Timer) : EventID - 3100
 1.3 PAT (Table ID) : EventID - 3101
 1.3 PAT (Scrambling) : EventID - 3102
 PAT max section RI : EventID - 3950
 1.4 Continuity : EventID - 3014
 1.4 Continuity : EventID - 3132
 Continuity Error Rate (15min) : EventID - 3047
 1.5.a PMT : EventID - 3019
 1.5 PMT (Timer) : EventID - 3103
 Ind PMT Err Timer : EventID - 3160
 1.5 PMT (Timer) : EventID - 3160
 1.5 PMT (Scrambling) : EventID - 3104
 1.6 PID : EventID - 3016
 1.6 PID : EventID - 3017
 Priority 2 : EventID - 37f4
 2.1 Transport : EventID - 3021
 Transport Error Rate (15min) : EventID - 3049
 2.2 CRC : EventID - 3022
 CRC Error Rate (15min) : EventID - 3046
 2.3.a PCR Repetition : EventID - 3150
 2.3.a PCR Repetition : EventID - 3117
 2.3.b PCR Discontinuity Indicator : EventID - 3151
 2.3.b PCR Discontinuity Indicator : EventID - 3118
 2.4 PCR Accuracy : EventID - 3024

- 2.4 PCR Accuracy : EventID - 3028
- 2.5 PTS : EventID - 3025
- 2.5 PTS : EventID - 3728
- 2.6 CAT : EventID - 3026
- 2.6 CAT (Table ID) : EventID - 3107
- 2.6 CAT (Scrambling) : EventID - 3114
- Priority 3 : EventID - 37f5
- 3.1.a NIT Actual : EventID - 3140
- 3.1 NIT (Table ID) : EventID - 3109
- NIT Actual Min Any Section Reptn Int : EventID - 3955
- NIT Actual Timer : EventID - 3951
- 3.1b NIT Other : EventID - 3708
- Ind NIT other max section RI : EventID - 372d
- 3.2 SI Repetition : EventID - 3032
- TDT max section RI : EventID - 395a
- NIT Actual Min Section Reptn Int : EventID - 3703
- Ind NIT actual min section RI : EventID - 3729
- NIT Actual Max Section Reptn Int : EventID - 3705
- NIT Actual Max Subtable Reptn Int : EventID - 3704
- Ind NIT actual max subtable RI : EventID - 372a
- NIT Other Min Section Reptn Int : EventID - 3706
- Ind NIT other min section RI : EventID - 372b
- NIT Other Max Subtable Reptn Int : EventID - 3707
- Ind NIT other max subtable RI : EventID - 372c
- SDT Actual Min Section Reptn Int : EventID - 3709
- Ind SDT actual min section RI : EventID - 372e
- SDT Actual Max Section Reptn Int : EventID - 370b
- SDT Actual Max Subtable Reptn Int : EventID - 370a
- Ind SDT actual max subtable RI : EventID - 372f
- SDT Other Min Section Reptn Int : EventID - 370c
- Ind SDT other min section RI : EventID - 3730
- SDT Other Max Subtable Reptn Int : EventID - 370d
- Ind SDT other max subtable RI : EventID - 3731
- EIT Actual P Max Sect Reptn Int : EventID - 3711
- EIT Actual F Max Sect Reptn Int : EventID - 3712
- EIT Actual PF Min Sect Reptn Int : EventID - 370f
- Ind DVB EIT actual p/f min section RI : EventID - 3733
- EIT Actual PF Max Subtable Reptn Int : EventID - 3710
- Ind DVB EIT actual p/f max subtable RI : EventID - 3734
- EIT Other PF Min Sect Reptn Int : EventID - 3713
- Ind DVB EIT other p/f min section RI : EventID - 3735
- EIT Other PF Max Subtable Reptn Int : EventID - 3714
- Ind DVB EIT other p/f max subtable RI : EventID - 3736
- EIT Other P Max Sect Reptn Int : EventID - 3715
- EIT Other F Max Sect Reptn Int : EventID - 3716
- EIT Actual Sched Min Sect Reptn Int : EventID - 3717
- Ind DVB EIT actual schedule min section RI : EventID - 3737
- EIT Actual Sched Max Subtable Reptn Int : EventID - 3718
- Ind DVB EIT actual schedule max subtable RI : EventID - 3738
- EIT Other Sched Min Sect Reptn Int : EventID - 3719
- Ind DVB EIT other schedule min section RI : EventID - 3739
- EIT Other Sched Max Subtable Reptn Int : EventID - 371a
- Ind DVB EIT other schedule max subtable RI : EventID - 373a
- RST Min Sect Reptn Int : EventID - 371b
- Ind RST min section RI : EventID - 373b
- TDT Min Sect Reptn Int : EventID - 371c

Ind TDT min section RI : EventID - 373c
 TOT Min Sect Reptn Int : EventID - 371e
 Ind TOT min section RI : EventID - 373d
 TOT Max Sect Reptn Int : EventID - 371f
 BAT Min Sect Reptn Int : EventID - 3720
 Ind BAT min section RI : EventID - 373e
 BAT Max Subtable Reptn Int : EventID - 3721
 Ind BAT max subtable RI : EventID - 373f
 CAT max subtable RI : EventID - 3115
 3.4.a Unref PID : EventID - 303b
 3.4.a Unref PID : EventID - 303a
 3.5.a SDT Actual : EventID - 3142
 3.5 SDT (Table ID) : EventID - 3106
 SDT Actual Min Any Section Reptn Int : EventID - 3956
 SDT Actual Timer : EventID - 3952
 3.5.b SDT Other : EventID - 370e
 Ind SDT other max section RI : EventID - 3732
 3.6.a EIT Actual : EventID - 3143
 3.6 EIT (Table ID) : EventID - 3111
 EIT Actual PF Min Any Section Reptn Int : EventID - 3957
 EIT Actual P Timer : EventID - 3953
 EIT Actual F Timer : EventID - 3954
 3.6.b EIT Other : EventID - 3144
 EIT Other P Max Sect Reptn Int : EventID - 3715
 EIT Other F Max Sect Reptn Int : EventID - 3716
 3.6.c EIT PF : EventID - 3333
 EIT P/F Presence : EventID - 3051
 EIT P/F Presence Consistency : EventID - 3052
 3.7 RST : EventID - 3037
 RST (Table ID) : EventID - 3120
 RST Min Any Sect Reptn Int : EventID - 3959
 3.8 TDT : EventID - 3038
 3.8 TDT (Timer) : EventID - 3112
 3.8 TDT (Table ID) : EventID - 3113
 TDT Min Any Sect Reptn Int : EventID - 3958
 Other : EventID - 37f2
 Table Tests : EventID - 37f6
 Any Table Syntax : EventID - 3520
 PAT Syntax : EventID - 3500
 PMT Syntax : EventID - 3501
 CAT Syntax : EventID - 3502
 NIT Syntax : EventID - 3503
 BAT Syntax : EventID - 3504
 SDT Syntax : EventID - 3505
 EIT Syntax : EventID - 3506
 TDT Syntax : EventID - 3507
 TOT Syntax : EventID - 3508
 RST Syntax : EventID - 3509
 DPI/SIT Syntax : EventID - 3828
 SIT Syntax : EventID - 351e
 DIT Syntax : EventID - 351f
 Table Id Error : EventID - 37fb
 3.8 TDT (Table ID) : EventID - 3113
 SIT (Table ID) : EventID - 311f
 DIT (Table ID) : EventID - 3126
 RST (Table ID) : EventID - 3120

Timer Error : EventID - 37fc
3.8 TDT (Timer) : EventID - 3112
CAT Timer : EventID - 395b
PAT/PMT Consistency : EventID - 3330
Table Version Consistency : EventID - 4049
PAT/SDT Consistency : EventID - 3331
Miscellaneous : EventID - 37f9
TS Availability : EventID - 3053
PID Occupancy : EventID - 2001
PID Occupancy : EventID - 2004
Prog Occupancy : EventID - 2002
Program occupancy error : EventID - 3039
Prog Occupancy : EventID - 3039
PCR Overall Jitter (PCR_OJ) : EventID - 3040
PCR Overall Jitter (PCR_OJ) : EventID - 3043
PCR Frequency Offset (PCR_FO) : EventID - 3041
PCR Frequency Offset (PCR_FO) : EventID - 3044
PCR Drift Rate (PCR_DR) : EventID - 3042
PCR Drift Rate (PCR_DR) : EventID - 3045
DPI/SIT Any Errors : EventID - 382a
Multiple (>1) DPI/SIT PIDs per Program : EventID - 3823
Excess (>8) DPI/SIT PIDs per Program : EventID - 3824
DPI/SIT Encrypted Error : EventID - 3825
DPI/SIT Missing : EventID - 3826
Ind DPI/SIT Missing : EventID - 3827
DPI/SIT Syntax : EventID - 3828
DPI/SIT Max subtable RI : EventID - 3829
PID Group Occupancy : EventID - 2005
PID group occupancy error : EventID - 2003
PID Bit Rate Variability : EventID - 2010
PID Bit Rate Variability : EventID - 2011
Discontinuity : EventID - 3131
Discontinuity : EventID - 3133
Transport Stream Bit Rate : EventID - 3600
Service Log Overflow : EventID - 5200
Any Template Error : EventID - 6fff
Template Header Error : EventID - 6000
Template TransportStreamId error : EventID - 6010
Template NetworkId error : EventID - 6020
Template OriginalNetworkId error : EventID - 6030
Template ServiceNumber error : EventID - 6040
Any Template Service Error : EventID - 6100
Template PcrPid error : EventID - 6110
Template ServiceType error : EventID - 6120
Template ServiceName error : EventID - 6130
Template Service constraint error : EventID - 6140
Template OtherPidsAllowed error : EventID - 6150
Any Template PID Error : EventID - 6200
Template CADescriptorPresent error : EventID - 6210
Template Pid scrambling error : EventID - 6220
Template StreamType error : EventID - 6230
Template Pid constraint error : EventID - 6240
Any Template Rating Error : EventID - 6300
Template DVB/ATSC Ratings error : EventID - 6301
AV Quality Tests : EventID - 3aff
Current Service Tests : EventID - 3b0f

Video Blockiness : EventID - 3b00
 Video Blockiness : EventID - 3b01
 Video Frozen : EventID - 3b04
 Video Frozen : EventID - 3b05
 Video Black : EventID - 3b06
 Video Black : EventID - 3b07
 SFN Error : EventID - 3400
 SFN (Missing data) : EventID - 3401
 SFN One MIP per M/F : EventID - 3410
 SFN Repetition : EventID - 3411
 SFN (Invalid data) : EventID - 3403
 SFN MIP Length : EventID - 3412
 SFN CRC : EventID - 3413
 SFN MIP Coding : EventID - 3414
 SFN Periodicity Consistency : EventID - 3415
 SFN Pointer Consistency : EventID - 3416
 SFN (Timing jitter) : EventID - 3404

Hardware Tests

Any box error : EventID - 1000
 EVID_FAN_STATE : EventID - 1001
 EVID_HARD_DISK : EventID - 1002
 EVID_FLOPPY_DISK : EventID - 1003
 EVID_TEMPERATURE : EventID - 1004
 EVID_DCVOLTAGE : EventID - 1005
 EVID_PLUS_FIVE_VOLTS : EventID - 1020
 EVID_PLUS_TWELVE_VOLTS : EventID - 1021
 EVID_MINUS_FIVE_VOLTS : EventID - 1022
 EVID_MINUS_TWELVE_VOLTS : EventID - 1023
 EVID_LOCAL_TEMP : EventID - 1030
 EVID_REMOTE_TEMP : EventID - 1031
 EVID_SYSTEM_CARD_TEMP : EventID - 1032
 EVID_FAN_1 : EventID - 1040
 EVID_FAN_2 : EventID - 1041
 EVID_FAN_3 : EventID - 1042
 EVID_FAN_4 : EventID - 1043
 EVID_FAN_MONITOR : EventID - 1044
 EVID_SV_START : EventID - 1100
 EVID_SV_STOP : EventID - 1101
 EVID_SV_INIT_FAIL : EventID - 1102
 EVID_ALARM_RESET : EventID - 1103
 EVID_EVENT_RESET : EventID - 1104
 EVID_CLEAR_LOG : EventID - 1105
 EVID_SV_DEBUG : EventID - 1200
 EVID_I2C : EventID - 1201
 EVID_BATTERY : EventID - 1202
 EVID_BOX_CONFIG : EventID - 1203
 EVID_INTERFACE_FIRMWARE : EventID - 1204
 EVID_ASSERTION : EventID - 1205
 EVID_REAL_TIME_CLOCK : EventID - 1206
 EVID_FIRMWARE_UPLOAD : EventID - 1207
 EVID_NETWORK : EventID - 1208

EVID_LOGIC : EventID - 1209
EVID_MISC_HARDWARE : EventID - 1210
EVID_LTC : EventID - 1211
EVID_NETWORK_CLOCK : EventID - 1212
EVID_TIME_SOURCE : EventID - 1213
EVID_FRONT_PANEL : EventID - 1214
EVID_FRONT_PANEL_ITEM : EventID - 1215
EVID_SYSTEM_CARD : EventID - 1216
EVID_BOX_TIME_SET : EventID - 1217
EVID_PROCESSING_STRAINED : EventID - 5201
EVID_PROCESSING_OVERWHELMED : EventID - 5202
EVID_SI_STRAINED : EventID - 5203
EVID_TRAPS_THROTTLED : EventID - 5204
EVID_SCHEDULER : EventID - B010
EVID_RECORDING_COMPLETE : EventID - B100

Info Tests

Miscellaneous Events : EventID - c030
 Program Information : EventID - c001
 Schedule/Holdoff manager : EventID - b010
 A stream recording has been completed : EventID - b100
 Possible video problem warning : EventID - c037
Other IP Session Events : EventID - 9105
 IP Errored Packet : EventID - 9003
 RTP Out of Order : EventID - 9005
 RTP Lost Packet : EventID - 9006
 Packet Interarrival Time : EventID - 9007
 IP Session Dropped : EventID - 9008
 MDI Delay Factor : EventID - 9009
 MDI Media Loss Rate : EventID - 900a
 Bit Rate High : EventID - 900b
 Bit Rate Low : EventID - 900c
 TS Continuity : EventID - 9101
 TS Sync Byte : EventID - 9102
 TS Sync Loss : EventID - 9103
Channel Polling Events : EventID - c02e
 Channel Polling Event : EventID - c02a
 Channel Polling Stopped : EventID - c02b
 Channel Polling Event Due : EventID - c02c
 Channel Polling Event Complete : EventID - c02d
DPI/SIT Any information events : EventID - c01d
 DPI/SIT Data : EventID - c017
 DPI/SIT Splice Cancel : EventID - c018
 DPI/SIT Splice : EventID - c019
 DPI/SIT Program Splice : EventID - c01a
 DPI/SIT Descriptor - Avail : EventID - c038
 DPI/SIT Descriptor - DTMF : EventID - c039
 DPI/SIT Descriptor - Segmentation : EventID - c03a
 DPI/SIT Descriptor - Segmentation cancel : EventID - c03b
 DPI/SIT Descriptor - non-standard type : EventID - c03c
 DPI/SIT Component Splice : EventID - c01b

RF Tests

Interface Errors : EventID - 3816
Lock : EventID - 3800
MER : EventID - d001
MER Limit : EventID - 3801
MER Drift Limit : EventID - 3802
EVM : EventID - d002
EVM Limit : EventID - 3803
EVM Drift Limit : EventID - 3804
BER (Pre Reed-Solomon/BCH) : EventID - d003
BER (Pre Reed-Solomon/BCH) Rate : EventID - 3805
BER (Pre Reed-Solomon/BCH) Drift : EventID - 3806
BER (Pre Viterbi/LDPC) : EventID - d004
BER (Pre Viterbi/LDPC) Rate : EventID - 3807
BER (Pre Viterbi/LDPC) Drift : EventID - 3808
BER (Post Reed-Solomon/BCH) : EventID - d005
BER (Post Reed-Solomon/BCH) Rate : EventID - 3809
BER (Post Reed-Solomon/BCH) Drift : EventID - 380a
Power : EventID - d007
High Power Limit : EventID - 380d
Low Power Limit : EventID - 380e
Power Drift Limit : EventID - 380f
SNR : EventID - d008
SNR Limit : EventID - 3810
SNR Drift Limit : EventID - 3811
Phase Noise : EventID - d111
Phase Noise Limit : EventID - 382d
Phase Noise Drift Limit : EventID - 382e
CNR : EventID - d009
CNR Limit : EventID - 3812
CNR Drift Limit : EventID - 3813
Carrier Offset : EventID - d00a
Carrier Offset Limit : EventID - 3814
Carrier Offset Drift Limit : EventID - 3815
Bit Rate Error : EventID - d010
Bit Rate Low Error : EventID - 382c
Bit Rate High Error : EventID - 382b
Packet Interarrival Time Error : EventID - 3854
IP Errored Packet Error : EventID - 3850
RTP Lost Packet Error : EventID - 3852
Cell ID match : EventID - 382f
RTP Out of Order Error : EventID - 3856
MDI Delay Factor Error : EventID - 3853
MDI Media Loss Rate Error : EventID - 3855
Interface Warnings : EventID - c01e
MER Warning : EventID - d101
MER Limit Warning : EventID - c002
MER Drift Limit Warning : EventID - c003
EVM Warning : EventID - d102
EVM Limit Warning : EventID - c004
EVM Drift Limit Warning : EventID - c005
BER (Pre Reed-Solomon/BCH) Warning : EventID - d103
BER (Pre Reed-Solomon/BCH) Rate Warning : EventID - c006
BER (Pre Reed-Solomon/BCH) Drift Warning : EventID - c007
BER (Pre Viterbi/LDPC) Warning : EventID - d104

BER (Pre Viterbi/LDPC) Rate Warning : EventID - c008
BER (Pre Viterbi/LDPC) Drift Warning : EventID - c009
BER (Post Reed-Solomon/BCH) Warning : EventID - d105
BER (Post Reed-Solomon/BCH) Rate Warning : EventID - c00a
BER (Post Reed-Solomon/BCH) Drift Warning : EventID - c00b
Power Warning : EventID - d107
High Power Limit Warning : EventID - c00e
Low Power Limit Warning : EventID - c00f
Power Drift Limit Warning : EventID - c010
SNR Warning : EventID - d108
SNR Limit Warning : EventID - c011
SNR Drift Limit Warning : EventID - c012
Phase Noise Warning : EventID - d112
Phase Noise Limit Warning : EventID - c035
Phase Noise Drift Limit Warning : EventID - c036
CNR Warning : EventID - d109
CNR Limit Warning : EventID - c013
CNR Drift Limit Warning : EventID - c014
Carrier Offset Warning : EventID - d10a
Carrier Offset Limit Warning : EventID - c015
Carrier Offset Drift Limit Warning : EventID - c016
Bit Rate Warning : EventID - d110
Bit Rate Low Warning : EventID - c033
Bit Rate High Warning : EventID - c032
Packet Interarrival Time Warning : EventID - c024
IP Errored Packet Warning : EventID - c020
RTP Lost Packet Warning : EventID - c022
RTP Out of Order Warning : EventID - c026
MDI Delay Factor Warning : EventID - c023
MDI Media Loss Rate Warning : EventID - c025

Event Identity to Test Name

This section provides a cross-reference between event identities and test names. Details of the associated parameters can be found in the Parameter Reference section starting on page 1-183.

4096 (Hex: 0x1000)	Any Box Error	Description:	The state of any box error
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4097 (Hex: 0x1001)	Fan State	Description:	The current state of the fan
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4098 (Hex: 0x1002)	EVID_HARD_DISK	Description:	EVID_HARD_DISK
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4099 (Hex: 0x1003)	EVID_FLOPPY_DISK	Description:	EVID_FLOPPY_DISK
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4100 (Hex: 0x1004)	Temperature	Description:	Indicates whether the temperature is within the operating range
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4101 (Hex: 0x1005)	EVID_DCVOLTAGE test change	Description:	EVID_DCVOLTAGE
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4128 (Hex: 0x1020)	EVID_PLUS_FIVE_VOLTS	Description:	EVID_PLUS_FIVE_VOLTS
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4129 (Hex: 0x1021)	EVID_PLUS_TWELVE_VOLTS	Description:	EVID_PLUS_TWELVE_VOLTS
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

4130 (Hex: 0x1022)	EVID_MINUS_FIVE_VOLTS Description: Applicable Standards:	EVID_MINUS_FIVE_VOLTS MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4131 (Hex: 0x1023)	EVID_MINUS_TWELVE_VOLTS Description: Applicable Standards:	EVID_MINUS_TWELVE_VOLTS MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4144 (Hex: 0x1030)	Local Temperature Description: Applicable Standards:	The current state of the local temperature MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4145 (Hex: 0x1031)	Remote Temperature Description: Applicable Standards:	The current state of the remote temperature MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4146 (Hex: 0x1032)	System Card Temperature Description: Applicable Standards:	The current state of the system card temperature MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4160 (Hex: 0x1040)	Fan 1 Description: Applicable Standards:	The current state of fan 1 test change MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4161 (Hex: 0x1041)	Fan 2 Description: Applicable Standards:	The current state of fan 2 MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4162 (Hex: 0x1042)	Fan 3 Description: Applicable Standards:	The current state of fan 3 MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4163 (Hex: 0x1043)	Fan 4 Description: Applicable Standards:	The current state of fan 4 MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

4164 (Hex: 0x1044)	Fan Monitor Description: Applicable Standards:	The current state of the fan monitor MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4352 (Hex: 0x1100)	EVID_SV_START Description: Applicable Standards:	EVID_SV_START MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4353 (Hex: 0x1101)	EVID_SV_STOP Description: Applicable Standards:	EVID_SV_STOP MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4354 (Hex: 0x1102)	EVID_SV_INIT_FAIL Description: Applicable Standards:	EVID_SV_INIT_FAIL MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4355 (Hex: 0x1103)	EVID_ALARM_RESET Description: Applicable Standards:	EVID_ALARM_RESET MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4356 (Hex: 0x1104)	EVID_EVENT_RESET Description: Applicable Standards:	EVID_EVENT_RESET MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4357 (Hex: 0x1105)	EVID_CLEAR_LOG Description: Applicable Standards:	EVID_CLEAR_LOG MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4608 (Hex: 0x1200)	EVID_SV_DEBUG Description: Applicable Standards:	EVID_SV_DEBUG MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4609 (Hex: 0x1201)	I2C Description: Applicable Standards:	I2C communications state MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

4610 (Hex: 0x1202)	Battery	Description:	Battery state
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4611 (Hex: 0x1203)	EVID_BOX_CONFIG	Description:	EVID_BOX_CONFIG
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4612 (Hex: 0x1204)	EVID_INTERFACE_FIRMWARE	Description:	EVID_INTERFACE_FIRMWARE
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4613 (Hex: 0x1205)	EVID_ASSERTION	Description:	EVID_ASSERTION
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4614 (Hex: 0x1206)	Real Time Clock	Description:	The current state of the RTC
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4615 (Hex: 0x1207)	EVID_FIRMWARE_UPLOAD	Description:	EVID_FIRMWARE_UPLOAD
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4616 (Hex: 0x1208)	EVID_NETWORK	Description:	EVID_NETWORK
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4617 (Hex: 0x1209)	EVID_LOGIC	Description:	EVID_LOGIC
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4624 (Hex: 0x1210)	EVID_MISC_HARDWARE	Description:	EVID_MISC_HARDWARE
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

4625 (Hex: 0x1211)	LTC Clock Description: Applicable Standards:	Longitudinal Time Clock MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4626 (Hex: 0x1212)	Network Clock Description: Applicable Standards:	Simple Network Time Protocol Clock MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4627 (Hex: 0x1213)	Time Source Description: Applicable Standards:	Time Source state MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4628 (Hex: 0x1214)	Front Panel Description: Applicable Standards:	The current state of the front panel MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4629 (Hex: 0x1215)	EVID_FRONT_PANEL_ITEM Description: Applicable Standards:	EVID_FRONT_PANEL_ITEM MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4630 (Hex: 0x1216)	System Card Description: Applicable Standards:	System Card state MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
4631 (Hex: 0x1217)	EVID_BOX_TIME_SET Description: Applicable Standards:	EVID_BOX_TIME_SET MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
8193 (Hex: 0x2001)	PID Occupancy Description: Applicable Standards: Associated Parameter(s) PP6 PP7	PID occupancy exceeds limits MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Minimum PID bit rate Minimum PID bit rate
8194 (Hex: 0x2002)	Program Occupancy Description: Applicable Standards:	Program occupancy exceeds limits MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

8195 (Hex: 0x2003)	<p>EVID_PIDGROUP_OCC_LIM</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>PID Group occupancy exceeds limits</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
8196 (Hex: 0x2004)	<p>PID Occupancy</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PP6</p> <p>PP7</p>	<p>PID Occupancy</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Minimum PID bit rate</p> <p>Minimum PID bit rate</p>
8197 (Hex: 0x2005)	<p>PID Group Occupancy</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>The bit rate of this PID Group exceeds the set limits.</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
8208 (Hex: 0x2010)	<p>PID Bit Rate Variability</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PP8</p> <p>PP9</p> <p>PS5</p>	<p>PID bit rate variability exceeds limits</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>PID bit rate variability integration count</p> <p>PID bit rate variability fraction</p> <p>PID bit rate bin count for variability</p>
8209 (Hex: 0x2011)	<p>PID Bit Rate Variability</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PP8</p> <p>PP9</p>	<p>PID Bit Rate Variability</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>PID bit rate variability integration count</p> <p>PID bit rate variability fraction</p>
12305 (Hex: 0x3011)	<p>1.1 Sync Loss</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Sync (DVB test 1.1)</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
12306 (Hex: 0x3012)	<p>1.2 Sync Byte</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Sync Byte (DVB test 1.2)</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>

12308 (Hex: 0x3014)	1.4 Continuity Description: Applicable Standards:	Continuity Error (DVB test 1.4) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
12310 (Hex: 0x3016)	1.6 PID Description: Applicable Standards: Associated Parameter(s) PP10 PP16 PS319 PS320 PS321	Pid (DVB test 1.6) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Unreferenced PID test enable flag Minimum bit rate permitted for this PID Do not perform missing test (1.6) on DPI PIDs Do not perform missing test (1.6) on DSMCC PIDs Do not perform missing test (1.6) on Private (type 5) PIDs
12311 (Hex: 0x3017)	1.6 PID Description: Applicable Standards: Associated Parameter(s) PP10 PP16	1.6 PID MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Unreferenced PID test enable flag Minimum bit rate permitted for this PID
12312 (Hex: 0x3018)	1.3a PAT Description: Applicable Standards: Associated Parameter(s) PS10 PS8	PAT Table (DVB test 1.3) MPEG, DVB, ATSC, ISDB, Chinese, DCII PAT/PMT obsolescence count PAT section max repetition interval
12313 (Hex: 0x3019)	1.5a PMT Description: Applicable Standards: Associated Parameter(s) PS263 PS7 PS9	PMT (DVB test 1.5) MPEG, DVB, ATSC, ISDB, Chinese, DCII Partial Reception PMT section maximum repetition interval Repetition interval history length PMT section max repetition interval

12321 (Hex: 0x3021)	2.1 Transport	Description: Applicable Standards:	Transport (DVB test 2.1) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
12322 (Hex: 0x3022)	2.2 CRC	Description: Applicable Standards:	CRC (DVB test 2.2) MPEG, DVB, ATSC, ISDB, Chinese, DCII
12324 (Hex: 0x3024)	2.4 PCR Accuracy	Description: Applicable Standards: Associated Parameter(s)	PCR Accuracy (DVB test 2.4) MPEG, DVB, ATSC, ISDB, Chinese, DCII
	PP20		VSF Max PCR accuracy error
	PP30		PSK Maximum PCR accuracy error
	PP4		Max PCR accuracy error
	PP40		QAM Max PCR accuracy error
	PP50		COFDM Max PCR accuracy error
	PP60		IP Max PCR accuracy error
	PS11		PCR accuracy/jitter history length
	PS180		PCR nominal bitrate (0 for use average)
	PS181		PCR_OJ/AC high-pass filter cutoff (0 for same as DR/FO filter cutoff)
12325 (Hex: 0x3025)	2.5 PTS	Description: Applicable Standards: Associated Parameter(s)	PTS (DVB test 2.5) MPEG, DVB, ATSC, ISDB, Chinese, DCII
	PP19		Process PTS for PES Private streams (0=auto, 1=on, 2=off)
	PP5		Maximum PTS repetition interval
	PS103		PTS arrival history length
	PS336		PTS reorder buffer size
12326 (Hex: 0x3026)	2.6 CAT	Description: Applicable Standards: Associated Parameter(s)	CAT (DVB test 2.6) MPEG, DVB, ATSC, ISDB, Chinese, DCII
	PS13		CAT present timer
	PS61		CAT obsolescence count

12328 (Hex: 0x3028)	2.4 PCR Accuracy	2.4 PCR Accuracy
	Description:	
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	Associated Parameter(s)	
	PP20	VSF Max PCR accuracy error
	PP30	PSK Maximum PCR accuracy error
	PP4	Max PCR accuracy error
	PP40	QAM Max PCR accuracy error
	PP50	COFDM Max PCR accuracy error
	PP60	IP Max PCR accuracy error
12338 (Hex: 0x3032)	3.2 SI Repetition	SI Repetition (DVB test 3.2)
	Description:	
	Applicable Standards:	MPEG, DVB, ISDB, Chinese
	Associated Parameter(s)	
	PS105	CAT maximum subtable repetition interval
	PS14	NIT actual network min section repetition interval
	PS15	NIT actual network maximum repetition interval
	PS17	NIT other network min section repetition interval
	PS179	SDT actual max subtable repetition interval
	PS18	NIT other network max repetition interval
	PS20	SDT actual minimum section repetition interval
	PS21	SDT actual maximum repetition interval
	PS23	SDT other min section repetition interval
	PS24	SDT other max repetition interval
	PS26	EIT actual PF minimum section repetition interval
	PS27	EIT actual PF maximum repetition interval
	PS29	EIT other PF minimum section repetition interval
	PS30	EIT other PF maximum repetition interval
	PS31	EIT other PF obsolescence count
	PS32	EIT actual schedule minimum section repetition interval
	PS33	EIT actual schedule maximum repetition interval
	PS35	EIT other schedule min section repetition interval
	PS36	EIT other schedule max repetition interval
	PS38	RST min section repetition interval
	PS39	TDT min section repetition interval
	PS40	TDT max repetition interval
	PS41	TOT min repetition interval
	PS42	TOT max repetition interval

PS43	BAT min section repetition interval
PS44	BAT max repetition interval
PS45	BAT obsolescence count
PS52	ETT max repetition interval
PS53	ETT obsolescence count
PS62	TSDT max repetition interval
PS63	TSDT obsolescence count
PS68	PCAT obsolescence count
PS69	PCAT max repetition interval
PS7	Repetition interval history length
PS8	PAT section max repetition interval
PS80	LIT obsolescence count
PS81	LIT max repetition interval
PS82	ERT obsolescence count
PS83	ERT max repetition interval
PS84	ITT obsolescence count
PS85	ITT max repetition interval

12343 (Hex: 0x3037)	3.7 RST	
	Description:	RST Error (DVB test 3.7)
	Applicable Standards:	DVB, Chinese
	Associated Parameter(s)	
	PS38	RST min section repetition interval

12344 (Hex: 0x3038)	3.8 TDT	
	Description:	TDT Error (DVB test 3.8)
	Applicable Standards:	DVB, Chinese
	Associated Parameter(s)	
	PS39	TDT min section repetition interval
	PS40	TDT max repetition interval

12345 (Hex: 0x3039)	Prog Occupancy	
	Description:	Indicates Program occupancy exceeds limits
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

12346 (Hex: 0x303A)	3.4a Unref PID	Description:	PID (other than PMT_PIDs, PIDs with numbers between 0x00 and 0x1F or PIDs user defined as private data streams) not referred to by a PMT or a CAT within 0.5 s
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
12347 (Hex: 0x303B)	3.4a Unref PID	Description:	Unreferenced PID (DVB test 3.4)
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
		Associated Parameter(s)	
	PS57		PID reference transition time
12352 (Hex: 0x3040)	PCR Overall Jitter (PCR_OJ)	Description:	This test only applies to PIDs that are indicated as PCR_PIDs in a current PMT. Passes if the most recent PCR overall jitter PCR_OJ measurement is less than the limit.
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		Associated Parameter(s)	
	PP11		Max PCR overall jitter
	PP21		VSB Max PCR overall jitter
	PP31		PSK Maximum PCR overall jitter
	PP41		QAM Max PCR overall jitter
	PP51		COFDM Max PCR overall jitter
	PP61		IP Max PCR overall jitter
	PS181		PCR_OJ/AC high-pass filter cutoff (0 for same as DR/FO filter cutoff)

12353 (Hex: 0x3041) PCR Frequency Offset (PCR_FO)

Description:

This test only applies to PIDs that are indicated as PCR_PIDs in a current PMT. Passes if the most recent PCR frequency offset PCR_FO measurement is less than the limit.

Applicable Standards:

MPEG, DVB, ATSC, ISDB, Chinese, DCII

Associated Parameter(s)

PP12	Maximum PCR frequency offset
PP22	VSB Maximum PCR frequency offset
PP32	PSK Maximum PCR frequency offset
PP42	QAM Maximum PCR frequency offset
PP52	COFDM Maximum PCR frequency offset
PP62	IP Maximum PCR frequency offset
PS174	PCR_FO/DR low-pass filter cutoff frequency
PS178	PCR trend graph sample period
PS302	Interpolate the TS packets inside UDP/RTP payload

12354 (Hex: 0x3042) PCR Drift Rate (PCR_DR)

Description:

This test only applies to PIDs which are indicated as PCR_PID in a current PMT. Passes if the average of the most recent PP14 PCR frequency drift rate measurements is less than the limit.

Applicable Standards:

MPEG, DVB, ATSC, ISDB, Chinese, DCII

Associated Parameter(s)

PP13	Maximum PCR frequency drift rate
PP14	PCR frequency drift rate integration count
PP23	VSB Maximum PCR frequency drift rate
PP33	PSK Maximum PCR frequency drift rate
PP43	QAM Maximum PCR frequency drift rate
PP53	COFDM Maximum PCR frequency drift rate
PP63	IP Maximum PCR frequency drift rate
PS174	PCR_FO/DR low-pass filter cutoff frequency
PS178	PCR trend graph sample period
PS302	Interpolate the TS packets inside UDP/RTP payload

12355 (Hex: 0x3043)	<p>PCR Overall Jitter (PCR_OJ)</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PP11</p> <p>PP21</p> <p>PP31</p> <p>PP41</p> <p>PP51</p> <p>PP61</p>	<p>This test applies only to PIDs that are indicated as PCR_PID in the current PMT.</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Max PCR overall jitter</p> <p>VSB Max PCR overall jitter</p> <p>PSK Maximum PCR overall jitter</p> <p>QAM Max PCR overall jitter</p> <p>COFDM Max PCR overall jitter</p> <p>IP Max PCR overall jitter</p>
12356 (Hex: 0x3044)	<p>PCR Frequency Offset (PCR_FO)</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PP12</p> <p>PP22</p> <p>PP32</p> <p>PP42</p> <p>PP52</p> <p>PP62</p>	<p>PCR Frequency Offset (PCR_FO)</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Maximum PCR frequency offset</p> <p>VSB Maximum PCR frequency offset</p> <p>PSK Maximum PCR frequency offset</p> <p>QAM Maximum PCR frequency offset</p> <p>COFDM Maximum PCR frequency offset</p> <p>IP Maximum PCR frequency offset</p>
12357 (Hex: 0x3045)	<p>PCR Drift Rate (PCR_DR)</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PP13</p> <p>PP14</p> <p>PP23</p> <p>PP33</p> <p>PP43</p> <p>PP53</p> <p>PP63</p>	<p>This test applies only to PIDs that carry an elementary stream expected to contain PTS values.</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Maximum PCR frequency drift rate</p> <p>PCR frequency drift rate integration count</p> <p>VSB Maximum PCR frequency drift rate</p> <p>PSK Maximum PCR frequency drift rate</p> <p>QAM Maximum PCR frequency drift rate</p> <p>COFDM Maximum PCR frequency drift rate</p> <p>IP Maximum PCR frequency drift rate</p>

12358 (Hex: 0x3046)	<p>CRC Error Rate (15min)</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS343</p>	<p>CRC Error Rate (15min)</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Section CRC errors per 15 minutes</p>
12359 (Hex: 0x3047)	<p>Continuity Error Rate (15min)</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS345</p>	<p>Continuity Error Rate (15min)</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Continuity (CC) errors per 15 minutes</p>
12360 (Hex: 0x3048)	<p>Sync Byte Error Rate (15min)</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS344</p>	<p>Sync Byte Error Rate (15min)</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Sync byte errors per 15 minutes</p>
12361 (Hex: 0x3049)	<p>Transport Error Rate (15min)</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS346</p>	<p>Transport Error Rate (15min)</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Transport (TEF/TEI) errors per 15 minutes</p>
12369 (Hex: 0x3051)	<p>EVID_INDIVIDUAL_DVBEIT_PF_PRESENTENCE</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Ind No EIT actual table was found for a Near VOD program</p> <p>DVB, ISDB, Chinese</p>
12370 (Hex: 0x3052)	<p>EIT PF Presence Error</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>DVB EIT P/F Presence Consistency</p> <p>DVB, ISDB, Chinese</p>
12371 (Hex: 0x3053)	<p>TS Availability</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS59</p>	<p>Transport Stream Availability Error</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Min stream bit rate for processing</p>

12544 (Hex: 0x3100)	1.3 PAT (Timer) Description: Applicable Standards: Associated Parameter(s)	PAT Error Timer MPEG, DVB, ATSC, ISDB, Chinese, DCII PAT section max repetition interval
12545 (Hex: 0x3101)	1.3 PAT (Table ID) Description: Applicable Standards:	PAT Error Table Id MPEG, DVB, ATSC, ISDB, Chinese, DCII
12546 (Hex: 0x3102)	1.3 PAT (Scrambling) Description: Applicable Standards:	PAT Error Scrambling MPEG, DVB, ATSC, ISDB, Chinese, DCII
12547 (Hex: 0x3103)	1.5 PMT (Timer) Description: Applicable Standards: Associated Parameter(s)	PAT Error Timer MPEG, DVB, ATSC, ISDB, Chinese, DCII Partial Reception PMT section maximum repetition interval Repetition interval history length PMT section max repetition interval
12548 (Hex: 0x3104)	1.5 PMT (Scrambling) Description: Applicable Standards:	PMT Error Scrambling MPEG, DVB, ATSC, ISDB, Chinese, DCII
12550 (Hex: 0x3106)	3.5 SDT (Table ID) Description: Applicable Standards:	SDT Error Table Id DVB, ISDB, Chinese
12551 (Hex: 0x3107)	CAT Table Id Description: Applicable Standards:	CAT Error Table Id MPEG, DVB, ATSC, ISDB, Chinese
12553 (Hex: 0x3109)	3.1 NIT (Table ID) Description: Applicable Standards:	NIT Error Table Id MPEG, DVB, ISDB, Chinese

Test Parameters - Event Identity to Test Name

12561 (Hex: 0x3111)	3.6 EIT (Table ID) Description: Applicable Standards:	EIT Error Table Id DVB, ISDB, Chinese
12562 (Hex: 0x3112)	TDT Timer Description: Applicable Standards: Associated Parameter(s) PS40	TDT Error Timer DVB, Chinese TDT max repetition interval
12563 (Hex: 0x3113)	3.8 TDT (Table ID) Description: Applicable Standards:	TDT Error Table Id DVB, Chinese
12564 (Hex: 0x3114)	CAT Scrambling Description: Applicable Standards:	CAT Error Scrambling MPEG, DVB, ATSC, ISDB, Chinese, DCII
12565 (Hex: 0x3115)	CAT max subtable RI Description: Applicable Standards: Associated Parameter(s) PS105	PCR Error Timer MPEG, DVB, ISDB, Chinese CAT maximum subtable repetition interval
12567 (Hex: 0x3117)	2.3a PCR Repetition Description: Applicable Standards: Associated Parameter(s) PP17 PP2	EVID_INDIVIDUAL_PCR_ERR_TIMER MPEG, DVB, ATSC, ISDB, Chinese, DCII Partial Reception PCR max repetition interval PCR max repetition interval
12568 (Hex: 0x3118)	2.3b PCR Discontinuity Indicator Description: Applicable Standards: Associated Parameter(s) PP18 PP3	This test applies only to PIDs that are indicated as PCR_PID in the current PMT. MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Partial Reception Max PCR discontinuity Max PCR discontinuity

12569 (Hex: 0x3119)	TOT (Table ID) Description: Applicable Standards:	TOT Err Table Id ISDB
12570 (Hex: 0x311A)	H-EIT (Table ID) Description: Applicable Standards:	H-EIT Err Table Id ISDB
12571 (Hex: 0x311B)	M-EIT (Table ID) Description: Applicable Standards:	M-EIT Err Table Id ISDB
12572 (Hex: 0x311C)	L-EIT (Table ID) Description: Applicable Standards:	L-EIT Err Table Id ISDB
12573 (Hex: 0x311D)	L-SDTT (Table ID) Description: Applicable Standards:	SDTT(L) Err Table Id ISDB
12574 (Hex: 0x311E)	H-SDTT (Table ID) Description: Applicable Standards:	SDTT(H) Err Table Id ISDB
12575 (Hex: 0x311F)	SIT (Table ID) Description: Applicable Standards:	SIT Err Table Id DVB, ISDB, Chinese
12576 (Hex: 0x3120)	RST (Table ID) Description: Applicable Standards:	non-RST table on PID 0x0013 DVB, Chinese
12582 (Hex: 0x3126)	DIT (Table ID) Description: Applicable Standards:	DIT Err Table Id DVB, ISDB, Chinese

12583 (Hex: 0x3127)	H-EIT	<p>Description: Collection event for all H-EIT errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS26 EIT actual PF minimum section repetition interval</p> <p>PS27 EIT actual PF maximum repetition interval</p> <p>PS28 EIT actual PF obsolescence count</p>
12584 (Hex: 0x3128)	M-EIT	<p>Description: Collection event for all M-EIT errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS113 M-EIT maximum repetition interval</p> <p>PS115 M-EIT minimum section repetition interval</p> <p>PS51 EIT obsolescence count</p>
12585 (Hex: 0x3129)	L-EIT	<p>Description: Collection event for all L-EIT errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS114 L-EIT max repetition interval</p> <p>PS116 L-EIT minimum section repetition interval</p> <p>PS51 EIT obsolescence count</p>
12586 (Hex: 0x312A)	H-SDTT	<p>Description: Collection event for all SDTT(H) errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS169 SDTT(H) max repetition interval</p> <p>PS170 SDTT(H) min section repetition interval</p> <p>PS70 SDTT obsolescence count</p>

12587 (Hex: 0x312B)	L-SDTT	<p>Description: Collection event for all SDTT(H) errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS171 SDTT(L) max repetition interval</p> <p>PS172 SDTT(L) min section repetition interval</p> <p>PS70 SDTT obsolescence count</p>
12588 (Hex: 0x312C)	DIT	<p>Description: Collection event for all DIT errors</p> <p>Applicable Standards: ISDB</p>
12589 (Hex: 0x312D)	SIT	<p>Description: Collection event for all SIT errors</p> <p>Applicable Standards: ISDB</p>
12593 (Hex: 0x3131)	Discontinuity	<p>Description: The discontinuity_indicator must not be set to '1' in three consecutive transport stream packets of that same PID.</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
12594 (Hex: 0x3132)	1.4 Continuity	<p>Description: 1.4 Continuity</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
12595 (Hex: 0x3133)	Discontinuity	<p>Description: Discontinuity</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
12608 (Hex: 0x3140)	3.1a NIT Actual	<p>Description: Section with table_id other than 0x40 or 0x41 or 0x72 (that is, not an NIT or ST) found on PID 0x0010. No section with table_id 0x40 (that is, an NIT_actual) in PID value 0x0010 for more than 10 s. Any two sections with table_id = 0x40 (NIT_actual) occur on PID 0x0010 within a specified value (25 ms or lower).</p> <p>Applicable Standards: MPEG, DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS14 NIT actual network min section repetition interval</p> <p>PS15 NIT actual network maximum repetition interval</p> <p>PS16 NIT actual network obsolescence count</p>

12610 (Hex: 0x3142)	3.5a SDT Actual	<p>Description: Sections with table_id = 0x42 (SDT, actual TS) not present on PID 0x0011 for more than 2 s. Sections with table_ids other than 0x42, 0x46, 0x4A or 0x72 found on PID 0x0011. Any two sections with table_id = 0x42 (SDT_actual) occur on PID 0x0011 within a specified value (25 ms or lower).</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS20 SDT actual minimum section repetition interval</p> <p>PS21 SDT actual maximum repetition interval</p> <p>PS22 SDT actual obsolescence count</p>
12611 (Hex: 0x3143)	3.6a EIT Actual	<p>Description: Section '0' with table_id = 0x4E (EIT-P, actual transport stream) not present on PID 0x0012 for more than 2 s. Section '1' with table_id = 0x4E (EIT-F, actual transport stream) not present on PID 0x0012 for more than 2 s. Sections with table_ids other than in the range 0x4E - 0x6F or 0x72 found on PID 0x0012. Any two sections with table_id = 0x4E (EIT-P/F, actual transport stream) occur on PID 0x0012 within a specified value (25 ms or lower).</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS26 EIT actual PF minimum section repetition interval</p> <p>PS27 EIT actual PF maximum repetition interval</p> <p>PS28 EIT actual PF obsolescence count</p> <p>PS32 EIT actual schedule minimum section repetition interval</p> <p>PS33 EIT actual schedule maximum repetition interval</p> <p>PS34 EIT actual schedule obsolescence count</p>

12612 (Hex: 0x3144)	3.6b EIT Other	<p>Description:</p> <p>Interval between sections '0' with table_id = 0x4F (EIT-P, other transport stream) on PID 0x0012 longer than a specified value (10 s or higher). Interval between sections '1' with table_id = 0x4F (EIT-F, other transport stream) on PID 0x0012 longer than a specified value (10 s or higher).</p> <p>Applicable Standards:</p> <p>DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS29 EIT other PF minimum section repetition interval</p> <p>PS30 EIT other PF maximum repetition interval</p> <p>PS31 EIT other PF obsolescence count</p> <p>PS35 EIT other schedule min section repetition interval</p> <p>PS36 EIT other schedule max repetition interval</p> <p>PS37 EIT other schedule obsolescence count</p>
12624 (Hex: 0x3150)	2.3a PCR Repetition	<p>Description:</p> <p>PCR Error Timer</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Associated Parameter(s)</p> <p>PP17 Partial Reception PCR max repetition interval</p> <p>PP2 PCR max repetition interval</p>
12625 (Hex: 0x3151)	2.3b PCR Discontinuity Indicator	<p>Description:</p> <p>The difference between two consecutive PCR values (PCR_i + 1 – PCR_i) is outside the range of 0 ms to 100 ms without the discontinuity_ indicator set.</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PP18 Partial Reception Max PCR discontinuity</p> <p>PP3 Max PCR discontinuity</p>
12640 (Hex: 0x3160)	1.5 PMT (Timer)	<p>Description:</p> <p>Ind PMT Error Timer</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p>

12801 (Hex: 0x3201)	A/65 MGT	Description:	A/65 MGT Error
		Applicable Standards:	ATSC
		Associated Parameter(s)	
	PS288		EAS max section repetition interval
	PS289		EAS obsolescence count
	PS47		MGT max section repetition interval
	PS64		MGT obsolescence count
12802 (Hex: 0x3202)	A/65 STT	Description:	A/65 STT Error
		Applicable Standards:	ATSC
		Associated Parameter(s)	
	PS46		STT max section repetition interval
12803 (Hex: 0x3203)	A/65 RRT	Description:	A/65 RRT Error
		Applicable Standards:	ATSC
		Associated Parameter(s)	
	PS49		RRT max section repetition interval
	PS66		RRT obsolescence count
12804 (Hex: 0x3204)	A/65 EIT	Description:	A/65 EIT Error
		Applicable Standards:	ATSC
		Associated Parameter(s)	
	PS167		EIT 1 max repetition interval
	PS168		EIT 2/3 max repetition interval
	PS50		EIT 0 max repetition interval
	PS51		EIT obsolescence count
12805 (Hex: 0x3205)	A/65 VCT	Description:	A/65 VCT Error
		Applicable Standards:	ATSC
		Associated Parameter(s)	
	PS48		VCT max subtable repetition interval
	PS65		VCT obsolescence count
	PS91		VCT max section repetition interval

12806 (Hex: 0x3206)	A/65 ETT Description: Applicable Standards:	ETT Error ATSC
12808 (Hex: 0x3208)	A/65 Base PID Description: Applicable Standards:	A/65 Base Pid Error ATSC, A78, SCTE142
12816 (Hex: 0x3210)	A/65 VCT (Timer) Description: Applicable Standards: Associated Parameter(s) PS48	VCT Timer Error ATSC VCT max subtable repetition interval
12817 (Hex: 0x3211)	A/65 MGT (Timer) Description: Applicable Standards: Associated Parameter(s) PS47	MGT Timer Error ATSC MGT max section repetition interval
12818 (Hex: 0x3212)	A/65 STT (Timer) Description: Applicable Standards: Associated Parameter(s) PS46	STT Timer Error ATSC STT max section repetition interval
12819 (Hex: 0x3213)	A/65 RRT (Timer) Description: Applicable Standards: Associated Parameter(s) PS49	RRT Timer Error ATSC RRT max section repetition interval
12848 (Hex: 0x3230)	MGT/EIT-k presence Description: Applicable Standards:	Passes if the current version of the MGT contains entries for table_types EIT-0, EIT-1, EIT-2 and EIT-3 or if the MGT contains no table_type entry for TVCT. ATSC, A78, SCTE142

13104 (Hex: 0x3330)	PAT/PMT Consistency	Description:	Passes if, for all programs listed in the PAT, there is a PMT on the correct program_map_PID whose program_number matches that in the PAT.
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
13105 (Hex: 0x3331)	PAT/SDT Consistency	Description:	Passes if, for all programs listed in the PAT, there is an entry in the SDT actual_transport_stream subtable whose service_id matches the program_number in the PAT and whose transport_stream_id matches the PAT.
		Applicable Standards:	DVB, ISDB, Chinese
13106 (Hex: 0x3332)	PAT/VCT consistency	Description:	Passes if, for all programs listed in the PAT, there is an entry in the VCT whose program_number matches that in the PAT and whose channel_TSID matches the PAT.
		Applicable Standards:	ATSC, A78, SCTE142
13107 (Hex: 0x3333)	3.6c EIT PF	Description:	If either section ('0' or '1') of each EIT P/F subtable is present both must exist. Otherwise EIT_PF_error should be indicated
		Applicable Standards:	DVB, ISDB, Chinese
13120 (Hex: 0x3340)	MGT 5x	Description:	MGT 5x
		Applicable Standards:	A78, SCTE142
13121 (Hex: 0x3341)	MGT 2x	Description:	MGT 2x
		Applicable Standards:	A78, SCTE142
13122 (Hex: 0x3342)	MGT 1x	Description:	MGT 1x
		Applicable Standards:	A78, SCTE142
13123 (Hex: 0x3343)	PMT 5x	Description:	PMT 5x
		Applicable Standards:	A78, SCTE142

13124 (Hex: 0x3344)	PMT 2x Description: Applicable Standards:	PMT 2x A78, SCTE142
13125 (Hex: 0x3345)	PMT 1x Description: Applicable Standards:	PMT 1x A78, SCTE142
13126 (Hex: 0x3346)	RRT 5x Description: Applicable Standards:	RRT 5x A78, SCTE142
13127 (Hex: 0x3347)	RRT 2x Description: Applicable Standards:	RRT 2x A78, SCTE142
13128 (Hex: 0x3348)	RRT 1x Description: Applicable Standards:	RRT 1x A78, SCTE142
13129 (Hex: 0x3349)	PAT 5x Description: Applicable Standards:	PAT 5x A78, SCTE142
13130 (Hex: 0x334A)	PAT 2x Description: Applicable Standards:	PAT 2x A78, SCTE142
13131 (Hex: 0x334B)	PAT 1x Description: Applicable Standards:	PAT 1x A78, SCTE142
13132 (Hex: 0x334C)	TVCT 5x Description: Applicable Standards:	TVCT 5x A78

Test Parameters - Event Identity to Test Name

13133 (Hex: 0x334D)	TVCT 2x		
	Description:	TVCT 2x	
	Applicable Standards:	A78	
13134 (Hex: 0x334E)	TVCT 1x		
	Description:	TVCT 1x	
	Applicable Standards:	A78	
13135 (Hex: 0x334F)	CVCT 5x		
	Description:	CVCT 5x	
	Applicable Standards:	SCTE142	
13136 (Hex: 0x3350)	CVCT 2x		
	Description:	CVCT 2x	
	Applicable Standards:	SCTE142	
13137 (Hex: 0x3351)	CVCT 1x		
	Description:	CVCT 1x	
	Applicable Standards:	SCTE142	
13138 (Hex: 0x3352)	EIT0 5x		
	Description:	EIT0 5x	
	Applicable Standards:	A78, SCTE142	
13139 (Hex: 0x3353)	EIT0 2x		
	Description:	EIT0 2x	
	Applicable Standards:	A78, SCTE142	
13140 (Hex: 0x3354)	EIT0 1x		
	Description:	EIT0 1x	
	Applicable Standards:	A78, SCTE142	
13141 (Hex: 0x3355)	EIT1 5x		
	Description:	EIT1 5x	
	Applicable Standards:	A78, SCTE142	

13142 (Hex: 0x3356)	EIT1 2x Description: Applicable Standards:	EIT1 2x A78, SCTE142
13143 (Hex: 0x3357)	EIT1 1x Description: Applicable Standards:	EIT1 1x A78, SCTE142
13144 (Hex: 0x3358)	EIT2 5x Description: Applicable Standards:	EIT2 5x A78, SCTE142
13145 (Hex: 0x3359)	EIT2 2x Description: Applicable Standards:	EIT2 2x A78, SCTE142
13146 (Hex: 0x335A)	EIT2 1x Description: Applicable Standards:	EIT2 1x A78, SCTE142
13147 (Hex: 0x335B)	STT 5x Description: Applicable Standards:	STT 5x A78, SCTE142
13148 (Hex: 0x335C)	STT 2x Description: Applicable Standards:	STT 2x A78, SCTE142
13149 (Hex: 0x335D)	STT 1x Description: Applicable Standards:	STT 1x A78, SCTE142
13150 (Hex: 0x335E)	PCR 5x Description: Applicable Standards:	PCR 5x A78, SCTE142

Test Parameters - Event Identity to Test Name

13151 (Hex: 0x335F)	PCR 2x	Description:	PCR 2x
		Applicable Standards:	A78, SCTE142
13152 (Hex: 0x3360)	PCR 1x	Description:	PCR 1x
		Applicable Standards:	A78, SCTE142
13153 (Hex: 0x3361)	PTS 5x	Description:	PTS 5x
		Applicable Standards:	A78, SCTE142
13154 (Hex: 0x3362)	PTS 2x	Description:	PTS 2x
		Applicable Standards:	A78, SCTE142
13155 (Hex: 0x3363)	PTS 1x	Description:	PTS 1x
		Applicable Standards:	A78, SCTE142
13156 (Hex: 0x3364)	MGT CRC	Description:	MGT CRC
		Applicable Standards:	A78, SCTE142
13157 (Hex: 0x3365)	PAT CRC	Description:	PAT CRC
		Applicable Standards:	A78, SCTE142
13158 (Hex: 0x3366)	PMT CRC	Description:	PMT CRC
		Applicable Standards:	A78, SCTE142
13159 (Hex: 0x3367)	TVCT CRC	Description:	TVCT CRC
		Applicable Standards:	A78

13160 (Hex: 0x3368)	CVCT CRC	
	Description:	CVCT CRC
	Applicable Standards:	SCTE142
13161 (Hex: 0x3369)	RRT CRC	
	Description:	RRT CRC
	Applicable Standards:	A78, SCTE142
13162 (Hex: 0x336A)	EIT CRC	
	Description:	EIT CRC
	Applicable Standards:	A78, SCTE142
13163 (Hex: 0x336B)	ETT CRC	
	Description:	ETT CRC
	Applicable Standards:	A78, SCTE142
13164 (Hex: 0x336C)	STT CRC	
	Description:	STT CRC
	Applicable Standards:	A78, SCTE142
13165 (Hex: 0x336D)	PAT Table Id	
	Description:	PAT Table Id
	Applicable Standards:	A78, SCTE142
13166 (Hex: 0x336E)	PMT Table Id	
	Description:	PMT Table Id
	Applicable Standards:	A78, SCTE142
13167 (Hex: 0x336F)	PAT Scrambling	
	Description:	PAT Scrambling
	Applicable Standards:	A78, SCTE142
13168 (Hex: 0x3370)	PMT Scrambling	
	Description:	PMT Scrambling
	Applicable Standards:	A78, SCTE142

13169 (Hex: 0x3371)	PSIP Scrambling	Description:	PSIP Scrambling
		Applicable Standards:	A78, SCTE142
13173 (Hex: 0x3375)	EIT Scrambling	Description:	EIT Scrambling
		Applicable Standards:	A78, SCTE142
13174 (Hex: 0x3376)	ETT Scrambling	Description:	ETT Scrambling
		Applicable Standards:	A78, SCTE142
13176 (Hex: 0x3378)	Ind PMT 5x	Description:	Ind PMT 5x
		Applicable Standards:	A78, SCTE142
13177 (Hex: 0x3379)	Ind PMT 2x	Description:	Ind PMT 2x
		Applicable Standards:	A78, SCTE142
13178 (Hex: 0x337A)	Ind PMT 1x	Description:	Ind PMT 1x
		Applicable Standards:	A78, SCTE142
13179 (Hex: 0x337B)	Ind EIT0 5x	Description:	Ind EIT0 5x
		Applicable Standards:	A78, SCTE142
13180 (Hex: 0x337C)	Ind EIT0 2x	Description:	Ind EIT0 2x
		Applicable Standards:	A78, SCTE142
13181 (Hex: 0x337D)	Ind EIT0 1x	Description:	Ind EIT0 1x
		Applicable Standards:	A78, SCTE142

13182 (Hex: 0x337E)	Ind EIT1 5x Description: Applicable Standards:	Ind EIT1 5x A78, SCTE142
13183 (Hex: 0x337F)	Ind EIT1 2x Description: Applicable Standards:	Ind EIT1 2x A78, SCTE142
13184 (Hex: 0x3380)	Ind EIT1 1x Description: Applicable Standards:	Ind EIT1 1x A78, SCTE142
13185 (Hex: 0x3381)	Ind EIT2 5x Description: Applicable Standards:	Ind EIT2 5x A78, SCTE142
13186 (Hex: 0x3382)	Ind EIT2 2x Description: Applicable Standards:	Ind EIT2 2x A78, SCTE142
13187 (Hex: 0x3383)	Ind EIT2 1x Description: Applicable Standards:	Ind EIT2 1x A78, SCTE142
13188 (Hex: 0x3384)	ETT/EIT ETM Id Consistency Description: Applicable Standards:	ETT/EIT ETM Id Consistency A78, SCTE142
13190 (Hex: 0x3386)	VCT/PMT Consistency Description: Applicable Standards:	VCT(SLD)/PMT Consistency A78, SCTE142
13191 (Hex: 0x3387)	ETT ETM Id Valid Description: Applicable Standards:	ETT ETM Id Valid A78, SCTE142

13193 (Hex: 0x3389)	PTS 5x	
	Description:	PTS 5x
	Applicable Standards:	A78, SCTE142
13194 (Hex: 0x338A)	PTS 2x	
	Description:	PTS 2x
	Applicable Standards:	A78, SCTE142
13195 (Hex: 0x338B)	PTS 1x	
	Description:	PTS 1x
	Applicable Standards:	A78, SCTE142
13200 (Hex: 0x3390)	Multiple Registration Descriptor	
	Description:	Multiple Registration Descriptors in one place
	Applicable Standards:	A78, SCTE142
13201 (Hex: 0x3391)	PID Value Below 0x30	
	Description:	PID value for table in reserved range below 0x30
	Applicable Standards:	A78, SCTE142
13202 (Hex: 0x3392)	Missing Descriptor	
	Description:	Missing expected Descriptor in PSIP table
	Applicable Standards:	A78, SCTE142
13204 (Hex: 0x3394)	PCR Accuracy 1x	
	Description:	PCR Accuracy 1x
	Applicable Standards:	A78, SCTE142
13205 (Hex: 0x3395)	PCR Accuracy 5x	
	Description:	PCR Accuracy 5x
	Applicable Standards:	A78, SCTE142
13206 (Hex: 0x3396)	PCR Frequency Offset 1x	
	Description:	PCR Frequency Offset 1x
	Applicable Standards:	A78, SCTE142

13207 (Hex: 0x3397)	PCR Frequency Offset 5x Description: Applicable Standards:	PCR Frequency Offset 5x A78, SCTE142
13208 (Hex: 0x3398)	PCR Frequency Drift 1x Description: Applicable Standards:	PCR Frequency Drift 1x A78, SCTE142
13209 (Hex: 0x3399)	PCR Frequency Drift 5x Description: Applicable Standards:	PCR Frequency Drift 5x A78, SCTE142
13210 (Hex: 0x339A)	PCR Overall Jitter 1x Description: Applicable Standards:	PCR Overall Jitter 1x A78, SCTE142
13211 (Hex: 0x339B)	PCR Overall Jitter 5x Description: Applicable Standards:	PCR Overall Jitter 5x A78, SCTE142
13212 (Hex: 0x339C)	PCR Accuracy 1x Description: Applicable Standards:	PCR Accuracy 1x A78, SCTE142
13213 (Hex: 0x339D)	PCR Accuracy 5x Description: Applicable Standards:	PCR Accuracy 5x A78, SCTE142
13214 (Hex: 0x339E)	PCR Frequency Offset 1x Description: Applicable Standards:	PCR Frequency Offset 1x A78, SCTE142
13215 (Hex: 0x339F)	PCR Frequency Offset 5x Description: Applicable Standards:	PCR Frequency Offset 5x A78, SCTE142

13216 (Hex: 0x33A0)	PCR Frequency Drift 1x		
	Description:	PCR Frequency Drift 1x	
	Applicable Standards:	A78, SCTE142	
13217 (Hex: 0x33A1)	PCR Frequency Drift 5x		
	Description:	PCR Frequency Drift 5x	
	Applicable Standards:	A78, SCTE142	
13218 (Hex: 0x33A2)	PCR Overall Jitter 1x		
	Description:	PCR Overall Jitter 1x	
	Applicable Standards:	A78, SCTE142	
13219 (Hex: 0x33A3)	PCR Overall Jitter 5x		
	Description:	PCR Overall Jitter 5x	
	Applicable Standards:	A78, SCTE142	
13220 (Hex: 0x33A4)	PMT/EIT Descriptor Consistency		
	Description:	PMT/EIT-0 Descriptor Consistency	
	Applicable Standards:	A78, SCTE142	
13221 (Hex: 0x33A5)	EIT3 5x		
	Description:	EIT3 5x	
	Applicable Standards:	A78, SCTE142	
13222 (Hex: 0x33A6)	EIT3 2x		
	Description:	EIT3 2x	
	Applicable Standards:	A78, SCTE142	
13223 (Hex: 0x33A7)	EIT3 1x		
	Description:	EIT3 1x	
	Applicable Standards:	A78, SCTE142	
13224 (Hex: 0x33A8)	Ind EIT3 5x		
	Description:	Ind EIT3 5x	
	Applicable Standards:	A78, SCTE142	

13225 (Hex: 0x33A9)	Ind EIT3 2x Description: Applicable Standards:	Ind EIT3 2x A78, SCTE142
13226 (Hex: 0x33AA)	Ind EIT3 1x Description: Applicable Standards:	Ind EIT3 1x A78, SCTE142
13227 (Hex: 0x33AB)	VCT/PMT (Number of Services) Consistency Description: Applicable Standards:	VCT(SLD)/PMT (Number of Services) Consistency A78, SCTE142
13312 (Hex: 0x3400)	SFN Error Description: Applicable Standards: Associated Parameter(s) PS54 PS55	SFN Error DVB, Chinese MIP max repetition interval MIP synch time stamp jitter limit
13313 (Hex: 0x3401)	SFN (No MIP) Description: Applicable Standards:	No SFN Mip DVB, Chinese
13315 (Hex: 0x3403)	SFN (Invalid MIP) Description: Applicable Standards:	Invalid SFN Mip DVB, Chinese
13316 (Hex: 0x3404)	SFN (Timer) Description: Applicable Standards: Associated Parameter(s) PS55	Error in SFN Timer DVB, Chinese MIP synch time stamp jitter limit
13328 (Hex: 0x3410)	SFN One MIP per M/F Description: Applicable Standards:	One SFN MIP allowed per mega-frame DVB, Chinese

13329 (Hex: 0x3411)	SFN Repetition Description: Applicable Standards: Associated Parameter(s) PS54	SFN MIP packets are turning up too slowly DVB, Chinese MIP max repetition interval
13330 (Hex: 0x3412)	SFN MIP Length Description: Applicable Standards:	SFN MIP decode syntax check - length error DVB, Chinese
13331 (Hex: 0x3413)	SFN CRC Description: Applicable Standards:	SFN MIP decode syntax check - crc error DVB, Chinese
13332 (Hex: 0x3414)	SFN MIP Coding Description: Applicable Standards:	SFN MIP decode syntax check - invalid coding DVB, Chinese
13333 (Hex: 0x3415)	SFN Periodicity Consistency Description: Applicable Standards:	SFN MIP decode syntax check - inconsistent periodicity DVB, Chinese
13334 (Hex: 0x3416)	SFN Pointer Consistency Description: Applicable Standards:	SFN MIP decode syntax check - inconsistent pointer DVB, Chinese
13335 (Hex: 0x3417)	SFN CellID Missing Description: Applicable Standards: Associated Parameter(s) PS340	SFN CellID Missing DVB, Chinese Cell ID Missing Count
13336 (Hex: 0x3418)	SFN CellID MIP/TPS Consistency Description: Applicable Standards:	SFN CellID MIP/TPS Consistency DVB, Chinese

13337 (Hex: 0x3419)	SFN CellID User Defined Constraint Description: Applicable Standards: Associated Parameter(s) PS339	SFN CellID User Defined Constraint DVB, Chinese Expected Cell ID
13344 (Hex: 0x3420)	SFN Bitrate MIP/Actual Consistency Description: Applicable Standards: Associated Parameter(s) PS341	SFN Bit rate MIP/Actual Consistency DVB, Chinese SFN Bit rate error limit
13345 (Hex: 0x3421)	SFN MIP Not Present Description: Applicable Standards: Associated Parameter(s) PS342	SFN MIP Not Present DVB, Chinese SFN MIP data not present threshold
13568 (Hex: 0x3500)	PAT Syntax Description: Applicable Standards:	Syntax Error decoding PAT table MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
13569 (Hex: 0x3501)	PMT Syntax Description: Applicable Standards:	Syntax Error decoding PMT table MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
13570 (Hex: 0x3502)	CAT Syntax Description: Applicable Standards:	Syntax Error decoding CAT table MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
13571 (Hex: 0x3503)	NIT Syntax Description: Applicable Standards:	Syntax error in any NIT table DVB, ISDB, Chinese
13572 (Hex: 0x3504)	BAT Syntax Description: Applicable Standards:	Syntax error in BAT table DVB, Chinese

13573 (Hex: 0x3505)	SDT Syntax	
	Description:	Syntax error in any SDT table
	Applicable Standards:	DVB, ISDB, Chinese
13574 (Hex: 0x3506)	EIT Syntax	
	Description:	Syntax error in any EIT table
	Applicable Standards:	DVB, ISDB, Chinese
13575 (Hex: 0x3507)	TDT Syntax	
	Description:	Syntax error in TDT table
	Applicable Standards:	DVB, Chinese
13576 (Hex: 0x3508)	TOT Syntax	
	Description:	Syntax error in TOT table
	Applicable Standards:	DVB, ISDB, Chinese
13577 (Hex: 0x3509)	RST Syntax	
	Description:	Syntax error in RST table
	Applicable Standards:	DVB, Chinese
13578 (Hex: 0x350A)	MGT Syntax	
	Description:	Syntax error in MGT table
	Applicable Standards:	ATSC, A78, SCTE142
13579 (Hex: 0x350B)	RRT Syntax	
	Description:	Syntax error in RRT table
	Applicable Standards:	ATSC, A78, SCTE142
13580 (Hex: 0x350C)	VCT Syntax	
	Description:	Syntax error in VCT table
	Applicable Standards:	ATSC, A78, SCTE142
13581 (Hex: 0x350D)	EIT-k Syntax	
	Description:	Syntax error in ATSC EIT table
	Applicable Standards:	ATSC, A78, SCTE142

13582 (Hex: 0x350E)	STT Syntax	
	Description:	Syntax error in STT table
	Applicable Standards:	ATSC, A78, SCTE142
13583 (Hex: 0x350F)	ETT Syntax	
	Description:	Syntax error in ETT table
	Applicable Standards:	ATSC, A78, SCTE142
13584 (Hex: 0x3510)	DCCT Syntax	
	Description:	Syntax error in DCCT table
	Applicable Standards:	ATSC, A78, SCTE142
13585 (Hex: 0x3511)	DCCSCT Syntax	
	Description:	Syntax error in DCCSCT table
	Applicable Standards:	ATSC, A78, SCTE142
13586 (Hex: 0x3512)	EAS Syntax	
	Description:	EAS Syntax
	Applicable Standards:	ATSC, A78, SCTE142
13587 (Hex: 0x3513)	PIM Syntax	
	Description:	Syntax error in PIM message
	Applicable Standards:	DCII
13588 (Hex: 0x3514)	PNM Syntax	
	Description:	Syntax error in PNM message
	Applicable Standards:	DCII
13589 (Hex: 0x3515)	NIM Syntax	
	Description:	Syntax error in NIM message
	Applicable Standards:	DCII
13590 (Hex: 0x3516)	NTM Syntax	
	Description:	Syntax error in NTM message
	Applicable Standards:	DCII

13591 (Hex: 0x3517)	VCM Syntax	
	Description:	Syntax error in VCM message
	Applicable Standards:	DCII
13592 (Hex: 0x3518)	STM Syntax	
	Description:	Syntax error in STM message
	Applicable Standards:	DCII
13593 (Hex: 0x3519)	H-EIT Syntax	
	Description:	H-EIT Syntax
	Applicable Standards:	ISDB
13594 (Hex: 0x351A)	M-EIT Syntax	
	Description:	M-EIT Syntax
	Applicable Standards:	ISDB
13595 (Hex: 0x351B)	L-EIT Syntax	
	Description:	L-EIT Syntax
	Applicable Standards:	ISDB
13596 (Hex: 0x351C)	H-EIT Basic Schedule Syntax	
	Description:	H-EIT Basic Schedule Syntax
	Applicable Standards:	ISDB
13597 (Hex: 0x351D)	H-EIT Extended Schedule Syntax	
	Description:	H-EIT Extended Schedule Syntax
	Applicable Standards:	ISDB
13598 (Hex: 0x351E)	SIT Syntax	
	Description:	SIT Syntax
	Applicable Standards:	DVB, Chinese
13599 (Hex: 0x351F)	DIT Syntax	
	Description:	DIT Syntax
	Applicable Standards:	DVB, Chinese

13600 (Hex: 0x3520)	Any Table Syntax	<p>Description: A long list of checks on the reserved bits, lengths, section numbers and indicators of table sections. Depending on the severity of the error, faults may be tolerated or result in the section being discarded.</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
13824 (Hex: 0x3600)	Transport Stream Occupancy	<p>Description: Passes if the bit rate of the Transport Stream is within the expected limits.</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS1 Measurement interval for overall bit rate</p> <p>PS2 Minimum overall bit rate</p> <p>PS3 Maximum overall bit rate</p>
14083 (Hex: 0x3703)	NIT Actual Min Section Reptn Int	<p>Description: NIT actual_network minimum section repetition interval</p> <p>Applicable Standards: MPEG, DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS14 NIT actual network min section repetition interval</p>
14084 (Hex: 0x3704)	NIT Actual Max Subtable Reptn Int	<p>Description: NIT actual_network maximum subtable repetition interval</p> <p>Applicable Standards: MPEG, DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS15 NIT actual network maximum repetition interval</p> <p>PS16 NIT actual network obsolescence count</p>
14085 (Hex: 0x3705)	NIT Actual Max Section Reptn Int	<p>Description: NIT actual_network maximum section repetition interval</p> <p>Applicable Standards: MPEG, DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS15 NIT actual network maximum repetition interval</p> <p>PS16 NIT actual network obsolescence count</p>

14086 (Hex: 0x3706)	<p>NIT Other Min Section Reptn Int</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS17</p>	<p>NIT other_network minimum section repetition interval</p> <p>MPEG, DVB, Chinese</p> <p>NIT other network min section repetition interval</p>
14087 (Hex: 0x3707)	<p>NIT Other Max Subtable Reptn Int</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS18</p> <p>PS19</p>	<p>NIT other_network maximum subtable repetition interval</p> <p>MPEG, DVB, Chinese</p> <p>NIT other network max repetition interval</p> <p>NIT other network obsolescence count</p>
14088 (Hex: 0x3708)	<p>3.1b NIT Other</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS17</p> <p>PS18</p> <p>PS19</p>	<p>Interval between sections with the same section_number and table_id = 0x41 (NIT_other) on PID 0x0010 longer than a specified value (10 s or higher).</p> <p>MPEG, DVB, ISDB, Chinese</p> <p>NIT other network min section repetition interval</p> <p>NIT other network max repetition interval</p> <p>NIT other network obsolescence count</p>
14089 (Hex: 0x3709)	<p>SDT Actual Min Section Reptn Int</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS20</p>	<p>SDT actual_transport_stream minimum section repetition interval</p> <p>DVB, ISDB, Chinese</p> <p>SDT actual minimum section repetition interval</p>
14090 (Hex: 0x370A)	<p>SDT Actual Max Subtable Reptn Int</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS179</p>	<p>SDT actual_transport_stream maximum subtable repetition interval</p> <p>DVB, ISDB, Chinese</p> <p>SDT actual max subtable repetition interval</p>

14091 (Hex: 0x370B)	SDT Actual Max Section Reptn Int Description: Applicable Standards: Associated Parameter(s) PS21	SDT actual_transport_stream maximum section repetition interval DVB, ISDB, Chinese SDT actual maximum repetition interval
14092 (Hex: 0x370C)	SDT Other Min Section Reptn Int Description: Applicable Standards: Associated Parameter(s) PS23	SDT other_transport_stream minimum section repetition interval DVB, ISDB, Chinese SDT other min section repetition interval
14093 (Hex: 0x370D)	SDT Other Max Subtable Reptn Int Description: Applicable Standards: Associated Parameter(s) PS24 PS25	SDT other_transport_stream maximum subtable repetition interval DVB, ISDB, Chinese SDT other max repetition interval SDT other obsolescence count
14094 (Hex: 0x370E)	3.5b SDT Other Description: Applicable Standards: Associated Parameter(s) PS24 PS25	Interval between sections with the same section_number and table_id = 0x46 (SDT, other TS) on PID 0x0011 longer than a specified value (10 s or higher). DVB, ISDB, Chinese SDT other max repetition interval SDT other obsolescence count
14095 (Hex: 0x370F)	EIT Actual PF Min Sect Reptn Int Description: Applicable Standards: Associated Parameter(s) PS26	DVB EIT actual_transport_stream present/following minimum section repetition interval DVB, ISDB, Chinese EIT actual PF minimum section repetition interval

14096 (Hex: 0x3710)	EIT Actual PF Max Subtable Reptn Int	<p>Description: DVB EIT actual_transport_stream present/following maximum subtable repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS27 EIT actual PF maximum repetition interval</p> <p>PS28 EIT actual PF obsolescence count</p>
14097 (Hex: 0x3711)	EIT Actual P Max Sect Reptn Int	<p>Description: DVB EIT actual_transport_stream present maximum section repetition interval</p> <p>Applicable Standards: DVB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS27 EIT actual PF maximum repetition interval</p> <p>PS28 EIT actual PF obsolescence count</p>
14098 (Hex: 0x3712)	EIT Actual F Max Sect Reptn Int	<p>Description: DVB EIT actual_transport_stream following maximum section repetition interval</p> <p>Applicable Standards: DVB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS27 EIT actual PF maximum repetition interval</p> <p>PS28 EIT actual PF obsolescence count</p>
14099 (Hex: 0x3713)	EIT Other PF Min Sect Reptn Int	<p>Description: DVB EIT other_transport_stream present/following minimum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS29 EIT other PF minimum section repetition interval</p>
14100 (Hex: 0x3714)	EIT Other PF Max Subtable Reptn Int	<p>Description: DVB EIT other_transport_stream present/following maximum subtable repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS30 EIT other PF maximum repetition interval</p> <p>PS31 EIT other PF obsolescence count</p>

14101 (Hex: 0x3715)	EIT Other P Max Sect Reptn Int	<p>Description: DVB EIT other_transport_stream present maximum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS30 EIT other PF maximum repetition interval</p> <p>PS31 EIT other PF obsolescence count</p>
14102 (Hex: 0x3716)	EIT Other F Max Sect Reptn Int	<p>Description: DVB EIT other_transport_stream following maximum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS30 EIT other PF maximum repetition interval</p> <p>PS31 EIT other PF obsolescence count</p>
14103 (Hex: 0x3717)	EIT Actual Sched Min Sect Reptn Int	<p>Description: DVB EIT actual_transport_stream schedule minimum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS32 EIT actual schedule minimum section repetition interval</p>
14104 (Hex: 0x3718)	EIT Actual Sched Max Subtable Reptn Int	<p>Description: DVB EIT actual_transport_stream schedule maximum subtable repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS135 EIT basic schedule (TV) max basic repetition interval</p> <p>PS33 EIT actual schedule maximum repetition interval</p>
14105 (Hex: 0x3719)	EIT Other Sched Min Sect Reptn Int	<p>Description: DVB EIT other_transport_stream schedule minimum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS35 EIT other schedule min section repetition interval</p>

14106 (Hex: 0x371A)	EIT Other Sched Max Subtable Reptn Int	<p>Description: DVB EIT other_transport_stream schedule maximum subtable repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS36 EIT other schedule max repetition interval</p> <p>PS37 EIT other schedule obsolescence count</p>
14107 (Hex: 0x371B)	RST Min Sect Reptn Int	<p>Description: RST minimum section repetition interval</p> <p>Applicable Standards: DVB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS38 RST min section repetition interval</p>
14108 (Hex: 0x371C)	TDT Min Sect Reptn Int	<p>Description: TDT minimum section repetition interval</p> <p>Applicable Standards: DVB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS39 TDT min section repetition interval</p>
14110 (Hex: 0x371E)	TOT Min Sect Reptn Int	<p>Description: TOT minimum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS41 TOT min repetition interval</p>
14111 (Hex: 0x371F)	TOT Max Sect Reptn Int	<p>Description: TOT maximum repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS42 TOT max repetition interval</p>
14112 (Hex: 0x3720)	BAT Min Sect Reptn Int	<p>Description: BAT minimum section repetition interval</p> <p>Applicable Standards: DVB, Chinese</p> <p>Associated Parameter(s)</p> <p>PS43 BAT min section repetition interval</p>

14113 (Hex: 0x3721)	<p>BAT Max Subtable Reptn Int</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS44</p> <p>PS45</p>	<p>BAT maximum subtable repetition interval</p> <p>DVB, Chinese</p> <p>BAT max repetition interval</p> <p>BAT obsolescence count</p>
14118 (Hex: 0x3726)	<p>EVID_ATS- CEIT0123_MAX_INSTANCE_RI</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS167</p> <p>PS168</p> <p>PS50</p>	<p>ATSC EIT-0 maximum instance repetition interval</p> <p>ATSC</p> <p>EIT 1 max repetition interval</p> <p>EIT 2/3 max repetition interval</p> <p>EIT 0 max repetition interval</p>
14119 (Hex: 0x3727)	<p>EIT-0,1,2,3 Max Sect Reptn Int</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS167</p> <p>PS168</p> <p>PS50</p>	<p>ATSC EIT-0, EIT-1, EIT-2 and EIT-3 maximum section repetition interval</p> <p>ATSC</p> <p>EIT 1 max repetition interval</p> <p>EIT 2/3 max repetition interval</p> <p>EIT 0 max repetition interval</p>
14120 (Hex: 0x3728)	<p>2.5 PTS</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PP19</p> <p>PP5</p>	<p>2.5 PTS</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII</p> <p>Process PTS for PES Private streams (0=auto, 1=on, 2=off)</p> <p>Maximum PTS repetition interval</p>
14121 (Hex: 0x3729)	<p>EVID_INDIVIDUAL_NIT_ACTU- AL_MIN_SECTION_RI</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Ind NIT actual_network minimum section repetition interval</p> <p>MPEG, DVB, ISDB, Chinese</p>

14122 (Hex: 0x372A)	EVID_INDIVIDUAL_NIT_ACTUAL_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind NIT actual_network maximum subtable repetition interval MPEG, DVB, ISDB, Chinese
14123 (Hex: 0x372B)	EVID_INDIVIDUAL_NIT_OTHER_MIN_SECTION_RI	Description: Applicable Standards:	Ind NIT other_network minimum section repetition interval MPEG, DVB, Chinese
14124 (Hex: 0x372C)	EVID_INDIVIDUAL_NIT_OTHER_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind NIT other_network maximum subtable repetition interval MPEG, DVB, Chinese
14125 (Hex: 0x372D)	EVID_INDIVIDUAL_NIT_OTHER_MAX_SECTION_RI	Description: Applicable Standards:	Ind NIT other_network maximum section repetition interval MPEG, DVB, ISDB, Chinese
14126 (Hex: 0x372E)	EVID_INDIVIDUAL_SDT_ACTUAL_MIN_SECTION_RI	Description: Applicable Standards:	Ind SDT actual_transport_stream minimum section repetition interval DVB, ISDB, Chinese
14127 (Hex: 0x372F)	EVID_INDIVIDUAL_SDT_ACTUAL_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind SDT actual_transport_stream maximum subtable repetition interval DVB, ISDB, Chinese
14128 (Hex: 0x3730)	EVID_INDIVIDUAL_SDT_OTHER_MIN_SECTION_RI	Description: Applicable Standards:	Ind SDT other_transport_stream minimum section repetition interval DVB, ISDB, Chinese
14129 (Hex: 0x3731)	EVID_INDIVIDUAL_SDT_OTHER_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind SDT other_transport_stream maximum subtable repetition interval DVB, ISDB, Chinese

14130 (Hex: 0x3732)	EVID_INDIVIDUAL_SDT_OTHER_MAX_SECTION_RI	<p>Description: Ind SDT other_transport_stream maximum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p>
14131 (Hex: 0x3733)	EVID_INDIVIDUAL_DVBEIT_ACTUAL_PF_MIN_SECTION	<p>Description: Ind DVB EIT actual_transport_stream present/following minimum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p>
14132 (Hex: 0x3734)	EVID_INDIVIDUAL_DVBEIT_ACTUAL_PF_MAX_SUBTAB	<p>Description: Ind DVB EIT actual_transport_stream present/following maximum subtable repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p>
14133 (Hex: 0x3735)	EVID_INDIVIDUAL_DVBEIT_OTHER_PF_MIN_SECTION	<p>Description: Ind DVB EIT other_transport_stream present/following minimum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p>
14134 (Hex: 0x3736)	EVID_INDIVIDUAL_DVBEIT_OTHER_PF_MAX_SUBTABL	<p>Description: Ind DVB EIT other_transport_stream present/following maximum subtable repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p>
14135 (Hex: 0x3737)	EVID_INDIVIDUAL_DVBEIT_ACTUAL_S_MIN_SECTION	<p>Description: Ind DVB EIT actual_transport_stream schedule minimum section repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p>
14136 (Hex: 0x3738)	EVID_INDIVIDUAL_DVBEIT_ACTUAL_S_MAX_SUBTABL	<p>Description: Ind DVB EIT actual_transport_stream schedule maximum subtable repetition interval</p> <p>Applicable Standards: DVB, ISDB, Chinese</p>

14137 (Hex: 0x3739)	EVID_INDIVIDUAL_DVBEIT_OTHER_S_MIN_SECTION_R	Description:	Ind DVB EIT other_transport_stream schedule minimum section repetition interval
		Applicable Standards:	DVB, ISDB, Chinese
14138 (Hex: 0x373A)	EVID_INDIVIDUAL_DVBEIT_OTHER_S_MAX_SUBTABLE	Description:	Ind DVB EIT other_transport_stream schedule maximum subtable repetition interval
		Applicable Standards:	DVB, ISDB, Chinese
14139 (Hex: 0x373B)	EVID_INDIVIDUAL_RST_MIN_SECTION_RI	Description:	Ind RST minimum section repetition interval
		Applicable Standards:	DVB, Chinese
14140 (Hex: 0x373C)	EVID_INDIVIDUAL_TDT_MIN_SECTION_RI	Description:	Ind TDT minimum section repetition interval
		Applicable Standards:	DVB, Chinese
14141 (Hex: 0x373D)	EVID_INDIVIDUAL_TOT_MIN_SECTION_RI	Description:	Ind TOT minimum section repetition interval
		Applicable Standards:	DVB, ISDB, Chinese
14142 (Hex: 0x373E)	EVID_INDIVIDUAL_BAT_MIN_SECTION_RI	Description:	Ind BAT minimum section repetition interval
		Applicable Standards:	DVB, Chinese
14143 (Hex: 0x373F)	EVID_INDIVIDUAL_BAT_MAX_SUBTABLE_RI	Description:	Ind BAT maximum subtable repetition interval
		Applicable Standards:	DVB, Chinese
14144 (Hex: 0x3740)	EVID_INDIVIDUAL_ATSC_EIT0123_MAX_INSTANCE_RI	Description:	Ind ATSC EIT-0/1/2/3 max instance RI
		Applicable Standards:	ATSC

14145 (Hex: 0x3741)	EVID_INDIVIDUAL_SDTT_MIN_SECTION_RI	Description: Applicable Standards:	Ind SDTT minimum section repetition interval ISDB
14146 (Hex: 0x3742)	EVID_INDIVIDUAL_SDTT_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind SDTT maximum subtable repetition interval ISDB
14147 (Hex: 0x3743)	EVID_INDIVIDUAL_BIT_MIN_SECTION_RI	Description: Applicable Standards:	Ind BIT minimum section repetition interval ISDB
14148 (Hex: 0x3744)	EVID_INDIVIDUAL_BIT_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind BIT maximum subtable repetition interval ISDB
14155 (Hex: 0x374B)	EVID_INDIVIDUAL_VCT_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind VCT maximum subtable repetition error ATSC
14156 (Hex: 0x374C)	VCT Max Sect Reptn Int	Description: Applicable Standards: Associated Parameter(s)	VCT maximum section repetition error ATSC VCT max section repetition interval
14157 (Hex: 0x374D)	EVID_INDIVIDUAL_CDT_MAX_SUBTABLE_RI	Description: Applicable Standards:	Ind CDT maximum subtable repetition interval ISDB
14158 (Hex: 0x374E)	EVID_INDIVIDUAL_CDT_MIN_SECTION_RI	Description: Applicable Standards:	Ind CDT minimum section repetition interval ISDB

14159 (Hex: 0x374F)	EVIDDCCSCT_MAX_SECTION_RI	<p>Description: DCCSCT maximum section repetition error</p> <p>Applicable Standards: ATSC, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS97 DCCSCT obsolescence count</p> <p>PS98 DCCSCT max section repetition interval</p>
14165 (Hex: 0x3755)	MGT Missing	<p>Description: MGT Table not detected</p> <p>Applicable Standards: ATSC</p>
14166 (Hex: 0x3756)	VCT Missing	<p>Description: VCT Table not detected</p> <p>Applicable Standards: ATSC</p>
14167 (Hex: 0x3757)	RRT Missing	<p>Description: RRT Table not detected</p> <p>Applicable Standards: ATSC</p>
14168 (Hex: 0x3758)	STT Missing	<p>Description: STT Table not detected</p> <p>Applicable Standards: ATSC</p>
14169 (Hex: 0x3759)	EIT-0,1,2,3 Missing	<p>Description: ATSC EIT 0, 1, 2, 3 tables not detected</p> <p>Applicable Standards: ATSC</p>
14172 (Hex: 0x375C)	M-EIT Max Subtable Reptn Int	<p>Description: M-EIT Maximum Subtable repetition interval</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS113 M-EIT maximum repetition interval</p>
14173 (Hex: 0x375D)	M-EIT Min Sect Reptn Int	<p>Description: M-EIT Minimum Sect repetition interval</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS115 M-EIT minimum section repetition interval</p>

14174 (Hex: 0x375E)	L-EIT Max Subtable Reptn Int Description: Applicable Standards: Associated Parameter(s) PS114	L-EIT Maximum Subtable repetition interval ISDB L-EIT max repetition interval
14175 (Hex: 0x375F)	L-EIT Min Sect Reptn Int Description: Applicable Standards: Associated Parameter(s) PS116	L-EIT Minimum Sect repetition interval ISDB L-EIT minimum section repetition interval
14176 (Hex: 0x3760)	SDTT Min Sect Reptn Int Description: Applicable Standards: Associated Parameter(s) PS86	SDTT minimum section repetition interval ISDB SDTT min section repetition interval
14177 (Hex: 0x3761)	SDTT Max Subtable Reptn Int Description: Applicable Standards: Associated Parameter(s) PS71	SDTT maximum subtable repetition interval ISDB SDTT max repetition interval
14178 (Hex: 0x3762)	BIT Min Section Reptn Int Description: Applicable Standards: Associated Parameter(s) PS87	BIT minimum section repetition interval ISDB BIT min section repetition interval
14179 (Hex: 0x3763)	BIT Max Subtable Reptn Int Description: Applicable Standards: Associated Parameter(s) PS73	BIT maximum subtable repetition interval ISDB BIT max subtable repetition interval

14192 (Hex: 0x3770)	SDTT	<p>Description: Collection event for all SDTT errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS70 SDTT obsolescence count</p> <p>PS71 SDTT max repetition interval</p> <p>PS86 SDTT min section repetition interval</p>
14193 (Hex: 0x3771)	BIT	<p>Description: Collection event for all BIT errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS72 BIT obsolescence count</p> <p>PS73 BIT max subtable repetition interval</p> <p>PS87 BIT min section repetition interval</p>
14197 (Hex: 0x3775)	CDT Min Sect Reptn Int	<p>Description: CDT minimum section repetition interval</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS96 CDT min section repetition interval</p>
14198 (Hex: 0x3776)	CDT Max Subtable Reptn Int	<p>Description: CDT maximum subtable repetition interval</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS95 CDT max subtable repetition interval</p>
14199 (Hex: 0x3777)	CDT	<p>Description: Collection event for all CDT errors</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS94 CDT obsolescence count</p> <p>PS95 CDT max subtable repetition interval</p> <p>PS96 CDT min section repetition interval</p>

14200 (Hex: 0x3778)	EVIDDCCT_MAX_SUBTABLE_RI	<p>Description: DCCT maximum subtable repetition error</p> <p>Applicable Standards: ATSC, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS100 DCCT max subtable repetition interval 2 seconds before DCC</p> <p>PS101 DCCT maximum subtable repetition interval during DCC</p> <p>PS99 DCCT obsolescence count</p>
14208 (Hex: 0x3780)	SDTT (Table ID)	<p>Description: SDTT Err Table Id</p> <p>Applicable Standards: ISDB</p>
14209 (Hex: 0x3781)	BIT (Table ID)	<p>Description: BIT Err Table Id</p> <p>Applicable Standards: ISDB</p>
14225 (Hex: 0x3791)	SDTT Syntax	<p>Description: Syntax error in SDTT table</p> <p>Applicable Standards: ISDB</p>
14226 (Hex: 0x3792)	BIT Syntax	<p>Description: Syntax error in BIT table</p> <p>Applicable Standards: ISDB</p>
14233 (Hex: 0x3799)	CDT Syntax	<p>Description: Syntax error in CDT table</p> <p>Applicable Standards: ISDB</p>
14234 (Hex: 0x379A)	ISDBT Guard Interval Consistency	<p>Description: ISDBT Guard Interval Consistency</p> <p>Applicable Standards: ISDB</p>
14235 (Hex: 0x379B)	ISDBT Transmission Mode Consistency	<p>Description: ISDBT Transmission Mode Consistency</p> <p>Applicable Standards: ISDB</p>

14236 (Hex: 0x379C)	ISDBT Partial Reception Consistency	Description:	ISDBT Partial Reception Consistency
		Applicable Standards:	ISDB
14238 (Hex: 0x379E)	ISDBT Mode/Guard Interval Validation	Description:	ISDBT Mode/Guard Interval Validation
		Applicable Standards:	ISDB
14239 (Hex: 0x379F)	ISDBT Time Interleaving Validation	Description:	ISDBT Time Interleaving Validation
		Applicable Standards:	ISDB
14240 (Hex: 0x37A0)	ISDBT Modulation/Error Compensation Validation	Description:	ISDBT Modulation/Error Compensation Validation
		Applicable Standards:	ISDB
14241 (Hex: 0x37A1)	ISDBT NIT Terrestrial Delivery Validation	Description:	ISDBT NIT Terrestrial Delivery Validation
		Applicable Standards:	ISDB
14242 (Hex: 0x37A2)	ISDBT NIT Service List Consistency	Description:	ISDBT NIT Service Consistency
		Applicable Standards:	ISDB
14243 (Hex: 0x37A3)	ISDBT Partial Reception/TS Information Consistency	Description:	ISDBT Partial Reception/TS Information Consistency
		Applicable Standards:	ISDB
14245 (Hex: 0x37A5)	ISDBT EIT Type Content Check	Description:	ISDBT NIT Service Consistency
		Applicable Standards:	ISDB
14246 (Hex: 0x37A6)	ISDBT EIT Unique Event Id	Description:	ISDBT EIT Unique Event Id
		Applicable Standards:	ISDB

14247 (Hex: 0x37A7)	ISDBT SDT/EIT Consistency Description: Applicable Standards: Associated Parameter(s) PS111	ISDBT SDT/EIT Consistency ISDB SDT/EIT Consistency Timer Interval
14248 (Hex: 0x37A8)	EVID_ISDBT_INDIVID- UAL_SDT_EIT_CONSISTENCY Description: Applicable Standards:	Ind ISDBT SDT/EIT Consistency ISDB
14250 (Hex: 0x37AA)	ISBBT NIT/EIT Consistency Description: Applicable Standards:	ISDBT NIT/EIT Consistency ISDB
14251 (Hex: 0x37AB)	EVID_ISDBT_INDIVID- UAL_NIT_EIT_CONSISTENCY Description: Applicable Standards:	Ind ISDBT NIT/EIT Consistency ISDB
14257 (Hex: 0x37B1)	ISDBT NIT/SDT Consistency Description: Applicable Standards:	ISDBT NIT/SDT Consistency ISDB
14258 (Hex: 0x37B2)	ISDBT IIP MCCI CRC Description: Applicable Standards:	ISDBT IIP MCCI CRC ISDB
14259 (Hex: 0x37B3)	ISDBT IIP SFN Sync CRC Description: Applicable Standards:	ISDBT IIP SFN Sync CRC ISDB
14260 (Hex: 0x37B4)	ISDBT Any IIP CRC Description: Applicable Standards:	ISDBT Any IIP CRC ISDB

14261 (Hex: 0x37B5) H-EIT basic schedule max subtable RI for TV

Description: H-EIT basic schedule maximum subtable repetition interval for television services

Applicable Standards: ISDB

Associated Parameter(s)

PS117	EIT basic schedule (TV) number of segments in cycle group 1
PS118	EIT basic schedule (TV) number of segments in cycle group 2
PS119	EIT basic schedule (TV) number of segments in cycle group 3
PS135	EIT basic schedule (TV) max basic repetition interval
PS136	EIT basic schedule (TV) max cycle group 1 repetition interval
PS137	EIT basic schedule (TV) max cycle group 2 repetition interval
PS138	EIT basic schedule (TV) max cycle group 3 repetition interval
PS160	EIT basic schedule (TV) range

14262 (Hex: 0x37B6) H-EIT basic schedule max subtable RI for audio

Description: H-EIT basic schedule maximum subtable repetition interval for audio services

Applicable Standards: ISDB

Associated Parameter(s)

PS120	EIT basic schedule (Sound) number of segments in cycle group 1
PS121	EIT basic schedule (Sound) number of segments in cycle group 2
PS122	EIT basic schedule (Sound) number of segments in cycle group 3
PS139	EIT basic schedule (Sound) max basic repetition interval
PS140	EIT basic schedule (Sound) max cycle group 1 repetition interval
PS141	EIT basic schedule (Sound) max cycle group 2 repetition interval
PS142	EIT basic schedule (Sound) max cycle group 3 repetition interval
PS161	EIT basic schedule (Sound) range

14263 (Hex: 0x37B7)	H-EIT basic schedule max subtable RI for data	<p>Description: H-EIT basic schedule maximum subtable repetition interval for data services</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS123 EIT basic schedule (Data) number of segments in cycle group 1</p> <p>PS124 EIT basic schedule (Data) number of segments in cycle group 2</p> <p>PS125 EIT basic schedule (Data) number of segments in cycle group 3</p> <p>PS143 EIT basic schedule (Data) max basic repetition interval</p> <p>PS144 EIT basic schedule (Data) max cycle group 1 repetition interval</p> <p>PS145 EIT basic schedule (Data) max cycle group 2 repetition interval</p> <p>PS146 EIT basic schedule (Data) max cycle group 3 repetition interval</p> <p>PS162 EIT basic schedule (Data) range</p>
14264 (Hex: 0x37B8)	H-EIT extended schedule max subtable RI for TV	<p>Description: H-EIT extended schedule maximum subtable repetition interval for television services</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS126 EIT extended schedule (TV) number of segments in cycle group 1</p> <p>PS127 EIT extended schedule (TV) number of segments in cycle group 2</p> <p>PS128 EIT extended schedule (TV) number of segments in cycle group 3</p> <p>PS147 EIT extended schedule (TV) max basic repetition interval</p> <p>PS148 EIT extended schedule (TV) max cycle group 1 repetition interval</p> <p>PS149 EIT extended schedule (TV) max cycle group 2 repetition interval</p> <p>PS150 EIT extended schedule (TV) max cycle group 3 repetition interval</p> <p>PS163 EIT extended schedule (TV) range</p>

14265 (Hex: 0x37B9)	H-EIT extended schedule max subtable RI for audio	<p>Description: H-EIT basic schedule maximum subtable repetition interval for audio services</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS129 EIT extended schedule (Sound) number of segments in cycle group 1</p> <p>PS130 EIT extended schedule (Sound) number of segments in cycle group 2</p> <p>PS131 EIT extended schedule (Sound) number of segments in cycle group 3</p> <p>PS151 EIT extended schedule (Sound) max basic repetition interval</p> <p>PS152 EIT extended schedule (Sound) max cycle group 1 repetition interval</p> <p>PS153 EIT extended schedule (Sound) max cycle group 2 repetition interval</p> <p>PS154 EIT extended schedule (Sound) max cycle group 3 repetition interval</p> <p>PS164 EIT extended schedule (Sound) range</p>
14266 (Hex: 0x37BA)	H-EIT extended schedule max subtable RI for data	<p>Description: H-EIT basic schedule maximum subtable repetition interval for data services</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS132 EIT extended schedule (Data) number of segments in cycle group 1</p> <p>PS133 EIT extended schedule (Data) number of segments in cycle group 2</p> <p>PS134 EIT extended schedule (Data) number of segments in cycle group 3</p> <p>PS155 EIT extended schedule (Data) max basic repetition interval</p> <p>PS156 EIT extended schedule (Data) max cycle group 1 repetition interval</p> <p>PS157 EIT extended schedule (Data) max cycle group 2 repetition interval</p> <p>PS158 EIT extended schedule (Data) max cycle group 3 repetition interval</p> <p>PS165 EIT extended schedule (Data) range</p>
14273 (Hex: 0x37C1)	ISDBT IIP Branching	<p>Description: ISDBT IIP Branching</p> <p>Applicable Standards: ISDB</p>
14274 (Hex: 0x37C2)	EVIDISDBT_IIP_MIN_RI	<p>Description: ISDBT IIP Error</p> <p>Applicable Standards: ISDB</p> <p>Associated Parameter(s)</p> <p>PS166 IIP min repetition interval</p>

14275 (Hex: 0x37C3)	ISDBT TMCC Id Error Description: Applicable Standards:	ISDBT TMCC Id Error ISDB
14276 (Hex: 0x37C4)	ISDBT Max Partial Reception Services Error Description: Applicable Standards: Associated Parameter(s)	ISDBT Maximum Partial Reception Services Error ISDB Maximum number of partial reception services
14277 (Hex: 0x37C5)	ISDBT NIT/PMT Consistency Description: Applicable Standards:	ISDBT NIT/PMT Consistency ISDB
14278 (Hex: 0x37C6)	ISDBT Partial Reception Service ID Check Description: Applicable Standards:	ISDBT Partial Reception Service ID Check ISDB
14288 (Hex: 0x37D0)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYC Description: Applicable Standards:	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group 1 ISDB
14289 (Hex: 0x37D1)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYC Description: Applicable Standards:	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group 2 ISDB
14290 (Hex: 0x37D2)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYC Description: Applicable Standards:	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group 3 ISDB

14291 (Hex: 0x37D3)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_BAS	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group Base
		Applicable Standards:	ISDB
14292 (Hex: 0x37D4)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 1
		Applicable Standards:	ISDB
14293 (Hex: 0x37D5)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 2
		Applicable Standards:	ISDB
14294 (Hex: 0x37D6)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 3
		Applicable Standards:	ISDB
14295 (Hex: 0x37D7)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group Base
		Applicable Standards:	ISDB
14296 (Hex: 0x37D8)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_C	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 1
		Applicable Standards:	ISDB
14297 (Hex: 0x37D9)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_C	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 2
		Applicable Standards:	ISDB

14298 (Hex: 0x37DA)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_C	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 3
		Applicable Standards:	ISDB
14299 (Hex: 0x37DB)	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_B	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group Base
		Applicable Standards:	ISDB
14300 (Hex: 0x37DC)	EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_CYC1	Description:	Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group 1
		Applicable Standards:	ISDB
14301 (Hex: 0x37DD)	EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_CYC2	Description:	Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group 2
		Applicable Standards:	ISDB
14302 (Hex: 0x37DE)	EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_CYC3	Description:	Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group 3
		Applicable Standards:	ISDB
14303 (Hex: 0x37DF)	EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_BASE	Description:	Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group Base
		Applicable Standards:	ISDB

14304 (Hex: 0x37E0)	EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_CȲ	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 1
		Applicable Standards:	ISDB
14305 (Hex: 0x37E1)	EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_CȲ	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 2
		Applicable Standards:	ISDB
14306 (Hex: 0x37E2)	EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_CȲ	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 3
		Applicable Standards:	ISDB
14307 (Hex: 0x37E3)	EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_BĀ	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group Base
		Applicable Standards:	ISDB
14308 (Hex: 0x37E4)	EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_RI_ CYC1	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 1
		Applicable Standards:	ISDB
14309 (Hex: 0x37E5)	EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_RI_ CYC2	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 2
		Applicable Standards:	ISDB

14310 (Hex: 0x37E6)	EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_RI_ CYC3	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 3
		Applicable Standards:	ISDB
14311 (Hex: 0x37E7)	EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_RI_ BASE	Description:	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group Base
		Applicable Standards:	ISDB
14312 (Hex: 0x37E8)	SDTT(H) min section RI	Description:	SDTT(H) minimum section repetition interval
		Applicable Standards:	ISDB
	Associated Parameter(s)		
	PS170		SDTT(H) min section repetition interval
14313 (Hex: 0x37E9)	SDTT(H) max subtable RI	Description:	SDTT(H) maximum subtable repetition interval
		Applicable Standards:	ISDB
	Associated Parameter(s)		
	PS169		SDTT(H) max repetition interval
14314 (Hex: 0x37EA)	EVID_INDIVIDUAL_HSDTT_MIN_SECTION_RI	Description:	Ind SDTT(H) minimum section repetition interval
		Applicable Standards:	ISDB
14315 (Hex: 0x37EB)	EVID_INDIVID- UAL_HSDTT_MAX_SUBTABLE_RI	Description:	Ind SDTT(H) maximum subtable repetition interval
		Applicable Standards:	ISDB

14316 (Hex: 0x37EC)	SDTT(L) min section RI Description: Applicable Standards: Associated Parameter(s) PS172	SDTT(L) minimum section repetition interval ISDB SDTT(L) min section repetition interval
14317 (Hex: 0x37ED)	SDTT(L) max subtable RI Description: Applicable Standards: Associated Parameter(s) PS171	SDTT(L) maximum subtable repetition interval ISDB SDTT(L) max repetition interval
14318 (Hex: 0x37EE)	EVID_INDIVIDUAL_LSDTT_MIN_SECTION_RI Description: Applicable Standards:	Ind SDTT(L) minimum section repetition interval ISDB
14319 (Hex: 0x37EF)	EVID_INDIVIDUAL_LSDTT_MAX_SUBTABLE_RI Description: Applicable Standards:	Ind SDTT(L) maximum subtable repetition interval ISDB
14320 (Hex: 0x37F0)	SDTT(H) Syntax Description: Applicable Standards:	SDTT(H) Syntax error ISDB
14321 (Hex: 0x37F1)	SDTT(L) Syntax Description: Applicable Standards:	SDTT(L) Syntax error ISDB
14322 (Hex: 0x37F2)	Other Description: Applicable Standards:	Other MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14323 (Hex: 0x37F3)	Priority 1 Description: Applicable Standards:	Priority 1 MPEG, DVB, ATSC, ISDB, Chinese, DCII

14324 (Hex: 0x37F4)	Priority 2 Description: Applicable Standards:	Priority 2 MPEG, DVB, ATSC, ISDB, Chinese, DCII
14325 (Hex: 0x37F5)	Priority 3 Description: Applicable Standards:	Priority 3 MPEG, DVB, ATSC, ISDB, Chinese, DCII
14326 (Hex: 0x37F6)	Table Tests Description: Applicable Standards:	Table Tests MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14327 (Hex: 0x37F7)	TR 101 290 Description: Applicable Standards:	TR 101 290 MPEG, DVB, ATSC, ISDB, Chinese, DCII
14328 (Hex: 0x37F8)	ISDB Tests Description: Applicable Standards:	ISDB Tests ISDB
14329 (Hex: 0x37F9)	Miscellaneous Description: Applicable Standards:	Miscellaneous MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14331 (Hex: 0x37FB)	Table Id Error Description: Applicable Standards:	Table Id Error DVB, ISDB, Chinese
14332 (Hex: 0x37FC)	Timer Error Description: Applicable Standards:	Timer Error DVB, Chinese
14333 (Hex: 0x37FD)	HEIT Schedule Description: Applicable Standards: Associated Parameter(s)	HEIT Schedule ISDB EIT basic schedule (TV) number of segments in cycle group 1 EIT basic schedule (TV) number of segments in cycle group 2 EIT basic schedule (TV) number of segments in cycle group 3
	PS117	
	PS118	
	PS119	

PS120	EIT basic schedule (Sound) number of segments in cycle group 1
PS121	EIT basic schedule (Sound) number of segments in cycle group 2
PS122	EIT basic schedule (Sound) number of segments in cycle group 3
PS123	EIT basic schedule (Data) number of segments in cycle group 1
PS124	EIT basic schedule (Data) number of segments in cycle group 2
PS125	EIT basic schedule (Data) number of segments in cycle group 3
PS126	EIT extended schedule (TV) number of segments in cycle group 1
PS127	EIT extended schedule (TV) number of segments in cycle group 2
PS128	EIT extended schedule (TV) number of segments in cycle group 3
PS129	EIT extended schedule (Sound) number of segments in cycle group 1
PS130	EIT extended schedule (Sound) number of segments in cycle group 2
PS131	EIT extended schedule (Sound) number of segments in cycle group 3
PS132	EIT extended schedule (Data) number of segments in cycle group 1
PS133	EIT extended schedule (Data) number of segments in cycle group 2
PS134	EIT extended schedule (Data) number of segments in cycle group 3
PS135	EIT basic schedule (TV) max basic repetition interval
PS136	EIT basic schedule (TV) max cycle group 1 repetition interval
PS137	EIT basic schedule (TV) max cycle group 2 repetition interval
PS138	EIT basic schedule (TV) max cycle group 3 repetition interval
PS139	EIT basic schedule (Sound) max basic repetition interval
PS140	EIT basic schedule (Sound) max cycle group 1 repetition interval
PS141	EIT basic schedule (Sound) max cycle group 2 repetition interval
PS142	EIT basic schedule (Sound) max cycle group 3 repetition interval
PS143	EIT basic schedule (Data) max basic repetition interval
PS144	EIT basic schedule (Data) max cycle group 1 repetition interval
PS145	EIT basic schedule (Data) max cycle group 2 repetition interval
PS146	EIT basic schedule (Data) max cycle group 3 repetition interval
PS147	EIT extended schedule (TV) max basic repetition interval
PS148	EIT extended schedule (TV) max cycle group 1 repetition interval
PS149	EIT extended schedule (TV) max cycle group 2 repetition interval
PS150	EIT extended schedule (TV) max cycle group 3 repetition interval
PS151	EIT extended schedule (Sound) max basic repetition interval
PS152	EIT extended schedule (Sound) max cycle group 1 repetition interval
PS153	EIT extended schedule (Sound) max cycle group 2 repetition interval
PS154	EIT extended schedule (Sound) max cycle group 3 repetition interval
PS155	EIT extended schedule (Data) max basic repetition interval
PS156	EIT extended schedule (Data) max cycle group 1 repetition interval
PS157	EIT extended schedule (Data) max cycle group 2 repetition interval
PS158	EIT extended schedule (Data) max cycle group 3 repetition interval

	PS160	EIT basic schedule (TV) range
	PS161	EIT basic schedule (Sound) range
	PS162	EIT basic schedule (Data) range
	PS163	EIT extended schedule (TV) range
	PS164	EIT extended schedule (Sound) range
	PS165	EIT extended schedule (Data) range
14336 (Hex: 0x3800)	EVID_RF_LOCK	
	Description:	RF out of lock error
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS200	Lock Limit
14337 (Hex: 0x3801)	EVID_RF_MER	
	Description:	RF MER limit error
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS201	MER absolute limit
14338 (Hex: 0x3802)	EVID_RF_MER_DRIFT	
	Description:	RF MER drift limit error
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS202	MER drift limit
14339 (Hex: 0x3803)	EVID_RF_EVM	
	Description:	RF EVM limit error
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS203	EVM abs limit
14340 (Hex: 0x3804)	EVID_RF_EVM_DRIFT	
	Description:	RF EVM drift limit error
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS204	EVM drift limit

14341 (Hex: 0x3805)	EVID_RF_BER_PRE_RS Description: Applicable Standards: Associated Parameter(s) PS205	RF pre RS BER limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER Pre RS abs
14342 (Hex: 0x3806)	EVID_RF_BER_PRE_RS_DRIFT Description: Applicable Standards: Associated Parameter(s) PS206	RF pre RS BER drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER pre RS drift
14343 (Hex: 0x3807)	EVID_RF_BER_PRE_VITERBI Description: Applicable Standards: Associated Parameter(s) PS207	RF pre Viterbi limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER PRE Viterbi abs Limit
14344 (Hex: 0x3808)	EVID_RF_BER_PRE_VITERBI_DRIFT Description: Applicable Standards: Associated Parameter(s) PS208	RF pre Viterbi drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER pre viterbi drift limit
14345 (Hex: 0x3809)	EVID_RF_BER_POST_RS Description: Applicable Standards: Associated Parameter(s) PS209	RF post RS BER limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER post RS abs limit
14346 (Hex: 0x380A)	EVID_RF_BER_POST_RS_DRIFT Description: Applicable Standards: Associated Parameter(s) PS210	RF post RS BER drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER Post RS drift limit

14349 (Hex: 0x380D)	EVID_RF_POWER_HIGH Description: Applicable Standards: Associated Parameter(s) PS213	RF High Power limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Power high limit
14350 (Hex: 0x380E)	EVID_RF_POWER_LOW Description: Applicable Standards: Associated Parameter(s) PS214	RF Low Power limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Power low limit
14351 (Hex: 0x380F)	EVID_RF_POWER_DRIFT Description: Applicable Standards: Associated Parameter(s) PS215	RF Power drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Power drift limit
14352 (Hex: 0x3810)	EVID_RF_SNR Description: Applicable Standards: Associated Parameter(s) PS216	RF SNR limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 SNR limit
14353 (Hex: 0x3811)	EVID_RF_SNR_DRIFT Description: Applicable Standards: Associated Parameter(s) PS217	RF SNR drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 SNR drift
14354 (Hex: 0x3812)	EVID_RF_CNR Description: Applicable Standards: Associated Parameter(s) PS218	RF CNR limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 CNR limit

14355 (Hex: 0x3813)	EVID_RF_CNR_DRIFT	Description: Applicable Standards: Associated Parameter(s)	RF CNR drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 CNR drift
14356 (Hex: 0x3814)	EVID_RF_CARRIER_OFFSET	Description: Applicable Standards: Associated Parameter(s)	RF Carrier offset limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Carrier offset limit
14357 (Hex: 0x3815)	EVID_RF_CARRIER_OFFSET_DRIFT	Description: Applicable Standards: Associated Parameter(s)	RF Carrier offset drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Carrier offset drift limit
14358 (Hex: 0x3816)	RF Metric Errors	Description: Applicable Standards: Associated Parameter(s)	RF Metric Errors MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Lock Limit MER absolute limit MER drift limit EVM abs limit EVM drift limit BER Pre RS abs BER pre RS drift BER PRE Viterbi abs Limit BER pre viterbi drift limit BER post RS abs limit BER Post RS drift limit Power high limit Power low limit Power drift limit SNR limit SNR drift CNR limit

	PS219	CNR drift
	PS220	Carrier offset limit
	PS221	Carrier offset drift limit
	PS265	Corrupted packets per second limit
	PS269	Dropped packets per second limit
	PS273	Packet interval timing limit
	PS277	Out of order packets per second limit
	PS315	IP Bit rate High limit
	PS316	IP Bit rate Low limit
	PS322	Phase noise limit
	PS323	Phase noise drift
14371 (Hex: 0x3823)	DPI/SIT Single PID test	
	Description:	SCTE 35 2001 limit of 1 DPI PIDs per program
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14372 (Hex: 0x3824)	DPI/SIT Multi PID Test	
	Description:	SCTE 35 2004 limit of 8 DPI PIDs per program
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14373 (Hex: 0x3825)	DPI/SIT Eryption failure	
	Description:	Cannot decode encrypted DPI messages
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14374 (Hex: 0x3826)	DPI/SIT Missing	
	Description:	Signalled DPI information has not arrived
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS176	Splice information table missing test interval
14375 (Hex: 0x3827)	Ind DPI/SIT Missing	
	Description:	Signalled DPI information has not arrived
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14376 (Hex: 0x3828)	DPI/SIT Syntax error	
	Description:	DPI table syntax error
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

14377 (Hex: 0x3829)	DPI/SIT Max repetition rate error Description: Applicable Standards: Associated Parameter(s) PS177	DPI information repetition rate is too low MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Splice information table max repetition interval
14378 (Hex: 0x382A)	Any DPI/SIT Errors Description: Applicable Standards:	DPI heading for DPI errors not set or sent MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
14379 (Hex: 0x382B)	IP Bit rate High warning Description: Applicable Standards: Associated Parameter(s) PS315	Bit Rate High Error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP Bit rate High limit
14380 (Hex: 0x382C)	IP Bit rate Low warning Description: Applicable Standards: Associated Parameter(s) PS316	Bit Rate Low Error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP Bit rate Low limit
14381 (Hex: 0x382D)	Phase Noise Limit Description: Applicable Standards: Associated Parameter(s) PS322	Phase Noise Limit MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Phase noise limit
14382 (Hex: 0x382E)	Phase Noise Drift Limit Description: Applicable Standards: Associated Parameter(s) PS323	Phase Noise Drift Limit MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Phase noise drift

14383 (Hex: 0x382F)	Cell ID match Description: Applicable Standards: Associated Parameter(s) PS339	Cell ID match MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Expected Cell ID
14384 (Hex: 0x3830)	PIM Message Missing Description: Applicable Standards: Associated Parameter(s) PS243 PS244	PIM DCII Message not detected DCII PIM max repetition interval PIM obsolescence count
14385 (Hex: 0x3831)	PNM Message Missing Description: Applicable Standards: Associated Parameter(s) PS245 PS246	PNM DCII Message not detected DCII PNM max repetition interval PNM obsolescence count
14386 (Hex: 0x3832)	NIM Message Missing Description: Applicable Standards: Associated Parameter(s) PS247 PS248	NIM DCII Message not detected DCII NIM max repetition interval NIM obsolescence count
14387 (Hex: 0x3833)	NTM Message Missing Description: Applicable Standards: Associated Parameter(s) PS249 PS250	NTM DCII Message not detected DCII NTM max repetition interval NTM obsolescence count

14388 (Hex: 0x3834)	<p>VCM Message Missing</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS251</p> <p>PS252</p>	<p>VCM DCII Message not detected</p> <p>DCII</p> <p>VCM maximum repetition interval</p> <p>VCM obsolescence count</p>
14389 (Hex: 0x3835)	<p>STM Message Missing</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS253</p> <p>PS254</p>	<p>STM DCII Message not detected</p> <p>DCII</p> <p>STM max repetition interval</p> <p>STM obsolescence count</p>
14390 (Hex: 0x3836)	<p>DCII Base PID Err</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Invalid table DCII Base PID Error</p> <p>DCII</p>
14416 (Hex: 0x3850)	<p>RF errored packet limit error</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS265</p>	<p>RF errored packet limit error</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Corrupted packets per second limit</p>
14418 (Hex: 0x3852)	<p>RF dropped packet limit error</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS269</p>	<p>RF dropped packet limit error</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Dropped packets per second limit</p>
14419 (Hex: 0x3853)	<p>RF dropped packet drift limit error</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS304</p>	<p>RF dropped packet drift limit error</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>IP MDI Delay Factor limit</p>

14420 (Hex: 0x3854)	RF Packet interval time limit error Description: Applicable Standards: Associated Parameter(s) PS273	RF Packet interval time limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Packet interval timing limit
14421 (Hex: 0x3855)	RF Packet interval time drift limit error Description: Applicable Standards: Associated Parameter(s) PS305	RF Packet interval time drift limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP MDI Media Loss Rate limit
14422 (Hex: 0x3856)	RF Out of order packet limit error Description: Applicable Standards: Associated Parameter(s) PS277	RF Out-of-order packet limit error MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Out of order packets per second limit
14432 (Hex: 0x3860)	A53 non-AC3 Audio Description: Applicable Standards:	Non AC3 audio in ATSC ATSC, A78, SCTE142
14433 (Hex: 0x3861)	Other Repetition Tests Description: Applicable Standards:	Other Repetition Tests ATSC, A78, SCTE142
14464 (Hex: 0x3880)	Closed Caption Error Description: Applicable Standards:	Closed Caption Consistency Error ATSC, A78, SCTE142
14465 (Hex: 0x3881)	Closed Caption PMT/Video Error Description: Applicable Standards:	Closed Caption PMT/Video Consistency Error ATSC, A78, SCTE142
14466 (Hex: 0x3882)	Ind CC PMT/Video Error Description: Applicable Standards:	Ind CC PMT/Video Consistency Error ATSC, A78, SCTE142

14467 (Hex: 0x3883)	Closed Caption EIT/Video Error Description: Applicable Standards:	Closed Caption EIT/Video Consistency Error ATSC, A78, SCTE142
14468 (Hex: 0x3884)	Ind CC EIT/Video Error Description: Applicable Standards:	Ind CC EIT/Video Consistency Error ATSC, A78, SCTE142
14597 (Hex: 0x3905)	DII Timeout Description: Applicable Standards: Associated Parameter(s) PS188	DII not received within timeout period ISDB DII default timeout period
14600 (Hex: 0x3908)	DII min RI Description: Applicable Standards: Associated Parameter(s) PS184	DII minimum repetition interval ISDB DII min repetition interval
14601 (Hex: 0x3909)	Ind DII min repetition error Description: Applicable Standards:	Ind DII minimum repetition error ISDB
14604 (Hex: 0x390C)	DII max RI Description: Applicable Standards: Associated Parameter(s) PS185	DII maximum repetition interval ISDB DII max repetition interval
14605 (Hex: 0x390D)	Ind DII max repetition error Description: Applicable Standards:	Ind DII maximum repetition error ISDB

14606 (Hex: 0x390E)	DII download completion Description: Applicable Standards: Associated Parameter(s) PS186 PS189	All modules in DII not received within download time limit ISDB DII max download completion time Allow DII tcDownloadScenario (if present) to override max download completion time
14607 (Hex: 0x390F)	Ind DII completion Description: Applicable Standards:	Ind DII completion ISDB
14608 (Hex: 0x3910)	DSM-CC error Description: Applicable Standards: Associated Parameter(s) PS182 PS183 PS184 PS185 PS186 PS187 PS188 PS189	Digital storage media command and control errors ISDB DSI min repetition interval DSI max repetition interval DII min repetition interval DII max repetition interval DII max download completion time DSI default timeout period DII default timeout period Allow DII tcDownloadScenario (if present) to override max download completion time
14672 (Hex: 0x3950)	PAT max section RI Description: Applicable Standards: Associated Parameter(s) PS10 PS8	PAT maximum section repetition interval MPEG, DVB, ATSC, ISDB, Chinese, DCII PAT/PMT obsolescence count PAT section max repetition interval
14673 (Hex: 0x3951)	NIT Actual Timer Description: Applicable Standards: Associated Parameter(s) PS15	NIT Actual Timer MPEG, DVB, ISDB, Chinese NIT actual network maximum repetition interval

14674 (Hex: 0x3952)	SDT Actual Timer Description: Applicable Standards: Associated Parameter(s) PS21	SDT Actual Timer DVB, ISDB, Chinese SDT actual maximum repetition interval
14675 (Hex: 0x3953)	EIT Actual P Timer Description: Applicable Standards: Associated Parameter(s) PS27	EIT Actual P Timer DVB, ISDB, Chinese EIT actual PF maximum repetition interval
14676 (Hex: 0x3954)	EIT Actual F Timer Description: Applicable Standards: Associated Parameter(s) PS27	EIT Actual F Timer DVB, ISDB, Chinese EIT actual PF maximum repetition interval
14677 (Hex: 0x3955)	NIT Actual Min Any Section Reptn Int Description: Applicable Standards: Associated Parameter(s) PS14	NIT actual_network minimum any section repetition interval MPEG, DVB, ISDB, Chinese NIT actual network min section repetition interval
14678 (Hex: 0x3956)	SDT Actual Min Any Section Reptn Int Description: Applicable Standards: Associated Parameter(s) PS20	SDT actual_transport_stream any section repetition interval DVB, ISDB, Chinese SDT actual minimum section repetition interval
14679 (Hex: 0x3957)	EIT Actual PF Min Any Section Reptn Int Description: Applicable Standards: Associated Parameter(s) PS26	DVB EIT actual transport stream present/following minimum any section repetition interval DVB, ISDB, Chinese EIT actual PF minimum section repetition interval

14680 (Hex: 0x3958)	TDT Min Any Sect Reptn Int Description: Applicable Standards: Associated Parameter(s) PS39	TDT minimum any section repetition interval DVB, Chinese TDT min section repetition interval
14681 (Hex: 0x3959)	RST Min Any Sect Reptn Int Description: Applicable Standards: Associated Parameter(s) PS38	RST minimum any section repetition interval DVB, Chinese RST min section repetition interval
14682 (Hex: 0x395A)	TDT max section RI Description: Applicable Standards: Associated Parameter(s) PS40	TDT maximum section repetition interval DVB, Chinese TDT max repetition interval
14683 (Hex: 0x395B)	CAT Timer Description: Applicable Standards: Associated Parameter(s) PS105	CAT Timer DVB, Chinese CAT maximum subtable repetition interval
15103 (Hex: 0x3AFF)	AV Quality Tests Description: Applicable Standards:	AV Quality Tests MPEG, DVB, ATSC, Chinese, DCII, A78, SCTE142
15104 (Hex: 0x3B00)	Video Blockiness Description: Applicable Standards:	Video Quality MPEG, DVB, ATSC, Chinese, DCII, A78, SCTE142
15105 (Hex: 0x3B01)	Video Blockiness Description: Applicable Standards:	Video Quality MPEG, DVB, ATSC, Chinese, DCII, A78, SCTE142

15108 (Hex: 0x3B04)	Video Frozen	
	Description:	Video image unchanging
	Applicable Standards:	MPEG, DVB, ATSC, Chinese, DCII, A78, SCTE142
15110 (Hex: 0x3B06)	Video Black	
	Description:	Video image very dark
	Applicable Standards:	MPEG, DVB, ATSC, Chinese, DCII, A78, SCTE142
15119 (Hex: 0x3B0F)	Current Service Tests	
	Description:	Real-Time Stream Tests
	Applicable Standards:	MPEG, DVB, ATSC, Chinese, DCII, A78, SCTE142
16384 (Hex: 0x4000)	A/78 Tests	
	Description:	A/78 Tests
	Applicable Standards:	A78, SCTE142
16385 (Hex: 0x4001)	Transport On-Air	
	Description:	Transport On-Air
	Applicable Standards:	A78, SCTE142
16386 (Hex: 0x4002)	Programs On-Air	
	Description:	Programs On-Air
	Applicable Standards:	A78, SCTE142
16387 (Hex: 0x4003)	Components Present	
	Description:	CM
	Applicable Standards:	A78, SCTE142
16388 (Hex: 0x4004)	Service Quality	
	Description:	QOS
	Applicable Standards:	A78, SCTE142
16389 (Hex: 0x4005)	Technical Conformance	
	Description:	TNC
	Applicable Standards:	A78, SCTE142

16390 (Hex: 0x4006)	PSI	
	Description:	PSI TOA
	Applicable Standards:	A78, SCTE142
16391 (Hex: 0x4007)	PSI	
	Description:	PSI POA
	Applicable Standards:	A78, SCTE142
16392 (Hex: 0x4008)	PSI	
	Description:	PSI CM
	Applicable Standards:	A78, SCTE142
16393 (Hex: 0x4009)	PSI	
	Description:	PSI QOS
	Applicable Standards:	A78, SCTE142
16394 (Hex: 0x400A)	PSI	
	Description:	PSI TNC
	Applicable Standards:	A78, SCTE142
16395 (Hex: 0x400B)	PAT	
	Description:	PAT TOA
	Applicable Standards:	A78, SCTE142
16396 (Hex: 0x400C)	PAT	
	Description:	PAT POA
	Applicable Standards:	A78, SCTE142
16397 (Hex: 0x400D)	PAT	
	Description:	PAT CM
	Applicable Standards:	A78, SCTE142
16398 (Hex: 0x400E)	PAT	
	Description:	PAT QOS
	Applicable Standards:	A78, SCTE142

Test Parameters - Event Identity to Test Name

16399 (Hex: 0x400F)	PAT	Description:	PAT TNC
		Applicable Standards:	A78, SCTE142
16400 (Hex: 0x4010)	PMT	Description:	PMT POA
		Applicable Standards:	A78, SCTE142
16401 (Hex: 0x4011)	PMT	Description:	PMT CM
		Applicable Standards:	A78, SCTE142
16402 (Hex: 0x4012)	PMT	Description:	PMT QOS
		Applicable Standards:	A78, SCTE142
16403 (Hex: 0x4013)	PMT	Description:	PMT TNC
		Applicable Standards:	A78, SCTE142
16404 (Hex: 0x4014)	PSIP	Description:	PSIP TOA
		Applicable Standards:	A78, SCTE142
16405 (Hex: 0x4015)	PSIP	Description:	PSIP POA
		Applicable Standards:	A78, SCTE142
16406 (Hex: 0x4016)	PSIP	Description:	PSIP CM
		Applicable Standards:	A78, SCTE142
16407 (Hex: 0x4017)	PSIP	Description:	PSIP QOS
		Applicable Standards:	A78, SCTE142

16408 (Hex: 0x4018)	PSIP	Description:	PSIP TNC
		Applicable Standards:	A78, SCTE142
16409 (Hex: 0x4019)	MGT	Description:	MGT TOA
		Applicable Standards:	A78, SCTE142
16410 (Hex: 0x401A)	MGT	Description:	MGT POA
		Applicable Standards:	A78, SCTE142
16411 (Hex: 0x401B)	MGT	Description:	MGT CM
		Applicable Standards:	A78, SCTE142
16412 (Hex: 0x401C)	MGT	Description:	MGT QOS
		Applicable Standards:	A78, SCTE142
16413 (Hex: 0x401D)	MGT	Description:	MGT TNC
		Applicable Standards:	A78, SCTE142
16414 (Hex: 0x401E)	TVCT	Description:	TVCT TOA
		Applicable Standards:	A78
16415 (Hex: 0x401F)	TVCT	Description:	TVCT POA
		Applicable Standards:	A78
16416 (Hex: 0x4020)	TVCT	Description:	TVCT CM
		Applicable Standards:	A78

Test Parameters - Event Identity to Test Name

16417 (Hex: 0x4021)	TVCT	Description:	TVCT QOS
		Applicable Standards:	A78
16418 (Hex: 0x4022)	TVCT	Description:	TVCT TNC
		Applicable Standards:	A78
16419 (Hex: 0x4023)	CVCT	Description:	CVCT POA
		Applicable Standards:	SCTE142
16420 (Hex: 0x4024)	CVCT	Description:	CVCT CM
		Applicable Standards:	SCTE142
16421 (Hex: 0x4025)	CVCT	Description:	CVCT QOS
		Applicable Standards:	SCTE142
16422 (Hex: 0x4026)	CVCT	Description:	CVCT TNC
		Applicable Standards:	SCTE142
16423 (Hex: 0x4027)	RRT	Description:	RRT CM
		Applicable Standards:	A78, SCTE142
16424 (Hex: 0x4028)	RRT	Description:	RRT QOS
		Applicable Standards:	A78, SCTE142
16425 (Hex: 0x4029)	RRT	Description:	RRT TNC
		Applicable Standards:	A78, SCTE142

16426 (Hex: 0x402A)	EIT	Description:	EIT POA
		Applicable Standards:	A78, SCTE142
16427 (Hex: 0x402B)	EIT	Description:	EIT CM
		Applicable Standards:	A78, SCTE142
16428 (Hex: 0x402C)	EIT	Description:	EIT QOS
		Applicable Standards:	A78, SCTE142
16429 (Hex: 0x402D)	EIT	Description:	EIT TNC
		Applicable Standards:	A78, SCTE142
16430 (Hex: 0x402E)	STT	Description:	STT CM
		Applicable Standards:	A78, SCTE142
16431 (Hex: 0x402F)	STT	Description:	STT QOS
		Applicable Standards:	A78, SCTE142
16432 (Hex: 0x4030)	STT	Description:	STT TNC
		Applicable Standards:	A78, SCTE142
16433 (Hex: 0x4031)	Timing	Description:	Timing POA
		Applicable Standards:	A78, SCTE142
16434 (Hex: 0x4032)	Timing	Description:	Timing CM
		Applicable Standards:	A78, SCTE142

Test Parameters - Event Identity to Test Name

16435 (Hex: 0x4033)	Timing	Description:	Timing QOS
		Applicable Standards:	A78, SCTE142
16436 (Hex: 0x4034)	Timing	Description:	Timing TNC
		Applicable Standards:	A78, SCTE142
16437 (Hex: 0x4035)	PCR	Description:	PCR POA
		Applicable Standards:	A78, SCTE142
16438 (Hex: 0x4036)	PCR	Description:	PCR CM
		Applicable Standards:	A78, SCTE142
16439 (Hex: 0x4037)	PCR	Description:	PCR QOS
		Applicable Standards:	A78, SCTE142
16440 (Hex: 0x4038)	PCR	Description:	PCR TNC
		Applicable Standards:	A78, SCTE142
16441 (Hex: 0x4039)	PTS	Description:	PTS CM
		Applicable Standards:	A78, SCTE142
16442 (Hex: 0x403A)	PTS	Description:	PTS QOS
		Applicable Standards:	A78, SCTE142
16443 (Hex: 0x403B)	PTS	Description:	PTS TNC
		Applicable Standards:	A78, SCTE142

16444 (Hex: 0x403C)	Consistency	
	Description:	Consistency TOA
	Applicable Standards:	A78, SCTE142
16445 (Hex: 0x403D)	Consistency	
	Description:	Consistency POA
	Applicable Standards:	A78, SCTE142
16446 (Hex: 0x403E)	Consistency	
	Description:	Consistency CM
	Applicable Standards:	A78, SCTE142
16447 (Hex: 0x403F)	Consistency	
	Description:	Consistency QOS
	Applicable Standards:	A78, SCTE142
16448 (Hex: 0x4040)	Consistency	
	Description:	Consistency TNC
	Applicable Standards:	A78, SCTE142
16449 (Hex: 0x4041)	General	
	Description:	General TOA
	Applicable Standards:	A78, SCTE142
16450 (Hex: 0x4042)	General	
	Description:	General POA
	Applicable Standards:	A78, SCTE142
16451 (Hex: 0x4043)	General	
	Description:	General CM
	Applicable Standards:	A78, SCTE142
16452 (Hex: 0x4044)	General	
	Description:	General QOS
	Applicable Standards:	A78, SCTE142

16453 (Hex: 0x4045)	General	Description:	General TNC
		Applicable Standards:	A78, SCTE142
16454 (Hex: 0x4046)	PAT/VCT TS Id Consistency	Description:	PAT/VCT TS Id Consistency
		Applicable Standards:	ATSC, A78, SCTE142
16456 (Hex: 0x4048)	TVCT No Service Location	Description:	Service Location Descriptor missing from TVCT
		Applicable Standards:	A78, SCTE142
16457 (Hex: 0x4049)	Table Version Consistency	Description:	Table Version Consistency
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
16458 (Hex: 0x404A)	VCT/EIT0 Source Id Consistency	Description:	Mismatched Source Ids in VCT and EIT0
		Applicable Standards:	A78, SCTE142
16459 (Hex: 0x404B)	VCT/EIT Source Id Consistency	Description:	Mismatched Source Ids in VCT and EIT
		Applicable Standards:	A78, SCTE142
20992 (Hex: 0x5200)	Service Log Overflow	Description:	Service log information not collected fast enough, resolution reduced
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
20993 (Hex: 0x5201)	Processing Strained	Description:	Occurs when the monitoring system has to discard some information in order to keep up with events on the Transport Stream; however, monitoring continues.
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
20994 (Hex: 0x5202)	Processing Overwhelmed	Description:	Occurs when, in spite of discarding some information, the monitoring system is unable to keep up with the Transport Stream. Results from the monitoring should be considered unreliable in this state. The monitoring system will recover when conditions improve.
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

20995 (Hex: 0x5203)	Service Information Strained	<p>Description:</p> <p>In the MTM400, received tables are held in a fixed-sized database. This is large enough for the majority of streams, but if the stream contains too much SI, some of the SI will be discarded and this test will indicate an error. The tables are discarded in a priority order that ensures that analysis is very unlikely to be affected. Once raised, the priority will not fall until either the stream is reapplied, or a manual reset of this test is performed.</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
20996 (Hex: 0x5204)	EVID_TRAPS_THROTTLED	<p>Description:</p> <p>Requested Traps exceed throttle limit</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
24576 (Hex: 0x6000)	Template Header Error	<p>Description:</p> <p>Error in header block of template</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
24592 (Hex: 0x6010)	Template TS Err	<p>Description:</p> <p>Template Error in Transport Stream</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
24608 (Hex: 0x6020)	Template NetID Err	<p>Description:</p> <p>Template Error in Network ID</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
24624 (Hex: 0x6030)	Template Orig NetID Err	<p>Description:</p> <p>Template Error in Original Network ID</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
24640 (Hex: 0x6040)	Template Service Number Err	<p>Description:</p> <p>Template Error in Program Number</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
24832 (Hex: 0x6100)	Template Service Error	<p>Description:</p> <p>Error in any service header block of template</p> <p>Applicable Standards:</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>

24848 (Hex: 0x6110)	Template Service PCR Err	
	Description:	Template Error with Service PCR Pid
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
24864 (Hex: 0x6120)	Template Service Type Err	
	Description:	Template Error with Service Type
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
24880 (Hex: 0x6130)	Template Service Name Err	
	Description:	Template Error with Service Name
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
24896 (Hex: 0x6140)	Template Service Constraint Err	
	Description:	Template Error with Service Constraint
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
24912 (Hex: 0x6150)	Template Service Pid Number Err	
	Description:	Template Error with Service PID Number
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
25088 (Hex: 0x6200)	Template PID Error	
	Description:	Error in any pid block of template
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
25104 (Hex: 0x6210)	Template Pid CA Err	
	Description:	Template Error with PID CA Descriptor
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
25120 (Hex: 0x6220)	Template PID Scramble Err	
	Description:	Template Error with PID Scrambled
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
25136 (Hex: 0x6230)	Template PID Stream Type Err	
	Description:	Template Error with PID Stream Type
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

25152 (Hex: 0x6240)	<p>Template PID Constraint Err</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Template Error with PID constraint</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
25344 (Hex: 0x6300)	<p>Template Rating Error</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Error in any rating block of template</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
25345 (Hex: 0x6301)	<p>EVID_INDIVIDUAL_TEMPLATE_RATING_ERR</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Template DVB/ATSC Ratings error</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
28671 (Hex: 0x6FFF)	<p>Template Master Error</p> <p>Description:</p> <p>Applicable Standards:</p>	<p>Any Template Error</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p>
36867 (Hex: 0x9003)	<p>IP Errored Rate</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS265</p>	<p>IP Errored</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Corrupted packets per second limit</p>
36869 (Hex: 0x9005)	<p>RTP Out Of Order Rate</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS277</p>	<p>RTP Out of Order</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Out of order packets per second limit</p>
36870 (Hex: 0x9006)	<p>RTP Lost Rate</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS269</p>	<p>RTP Lost</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Dropped packets per second limit</p>

36871 (Hex: 0x9007)	IP packet interarrival time Description: Applicable Standards: Associated Parameter(s) PS273	IP PIT Limit MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Packet interval timing limit
36872 (Hex: 0x9008)	IP Session Dropped Description: Applicable Standards:	IP Session Dropped MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
36873 (Hex: 0x9009)	IP MDI:DF Limit Description: Applicable Standards: Associated Parameter(s) PS304	IP MDI:DF Limit MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP MDI Delay Factor limit
36874 (Hex: 0x900A)	IP MDI:LR Limit Description: Applicable Standards: Associated Parameter(s) PS305	IP MDI:LR Limit MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP MDI Media Loss Rate limit
36875 (Hex: 0x900B)	IP Bit rate High Description: Applicable Standards: Associated Parameter(s) PS315	Bit Rate High MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP Bit rate High limit
36876 (Hex: 0x900C)	IP Bit rate Low Description: Applicable Standards: Associated Parameter(s) PS316	Bit Rate Low MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP Bit rate Low limit
37121 (Hex: 0x9101)	MPEG Continuity Count Error Description: Applicable Standards:	TS Continuity MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

37122 (Hex: 0x9102)	MPEG Sync Byte Error Description: Applicable Standards:	TS Sync Byte MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
37123 (Hex: 0x9103)	MPEG Sync Loss Error Description: Applicable Standards:	TS Sync Loss MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
37125 (Hex: 0x9105)	Other IP Session Events Description: Applicable Standards:	Other IP Session Events MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
45072 (Hex: 0xB010)	EVID_SCHEDULER Description: Applicable Standards:	Schedule/Holdoff manager (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
45312 (Hex: 0xB100)	EVID_RECORDING_COMPLETE Description: Applicable Standards:	A stream recording has been completed (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49153 (Hex: 0xC001)	Program Information Description: Applicable Standards:	Program Information PAT/PMT version change (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49154 (Hex: 0xC002)	RF_MER_W Description: Applicable Standards: Associated Parameter(s)	RF MER limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 MER abs warning limit
49155 (Hex: 0xC003)	RF_MER_DRIFT_W Description: Applicable Standards: Associated Parameter(s)	RF MER drift limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 MER drift warning limit

49156 (Hex: 0xC004)	RF_EVM_W Description: Applicable Standards: Associated Parameter(s) PS224	RF EVM limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 EVM warning limit
49157 (Hex: 0xC005)	RF_EVM_DRIFT_W Description: Applicable Standards: Associated Parameter(s) PS225	RF EVM drift limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 EVM drift warning limit
49158 (Hex: 0xC006)	RF_BER_PRE_RS_W Description: Applicable Standards: Associated Parameter(s) PS226	RF pre RS BER limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER PRE RS warning limit
49159 (Hex: 0xC007)	RF_BER_PRE_RS_DRIFT_W Description: Applicable Standards: Associated Parameter(s) PS227	RF pre RS BER drift limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER PRE RS drift warning
49160 (Hex: 0xC008)	RF_BER_PRE_VITERBI_W Description: Applicable Standards: Associated Parameter(s) PS228	RF pre Viterbi BER limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER PRE viterbi warning limit
49161 (Hex: 0xC009)	RF_BER_PRE_VITERBI_DRIFT_W Description: Applicable Standards: Associated Parameter(s) PS229	RF pre Viterbi BER drift limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER PRE viterbi drift warning limit

49162 (Hex: 0xC00A)	RF_BER_POST_RS_W	Description:	RF post RS BER limit warning (information only)
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
		Associated Parameter(s)	
	PS230		BER POST RS warning limit
49163 (Hex: 0xC00B)	RF_BER_POST_RS_DRIFT_W	Description:	RF post RS BER drift limit warning (information only)
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
		Associated Parameter(s)	
	PS231		BER POST RS drift warning limit
49166 (Hex: 0xC00E)	RF_POWER_HIGH_W	Description:	RF High Power limit warning (information only)
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
		Associated Parameter(s)	
	PS234		Power high warning limit
49167 (Hex: 0xC00F)	RF_POWER_LOW_W	Description:	RF Low Power limit warning (information only)
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
		Associated Parameter(s)	
	PS235		Power low warning limit
49168 (Hex: 0xC010)	RF_POWER_DRIFT_W	Description:	RF Power drift limit warning (information only)
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
		Associated Parameter(s)	
	PS236		power drift warning limit
49169 (Hex: 0xC011)	RF_SNR_W	Description:	RF SNR limit warning (information only)
		Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
		Associated Parameter(s)	
	PS237		SNR warning limit

49170 (Hex: 0xC012)	RF_SNR_DRIFT_W Description: Applicable Standards: Associated Parameter(s) PS238	RF SNR drift limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 SNR drift warning limit
49171 (Hex: 0xC013)	RF_CNR_W Description: Applicable Standards: Associated Parameter(s) PS239	RF CNR limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 CNR warning limit
49172 (Hex: 0xC014)	RF_CNR_DRIFT_W Description: Applicable Standards: Associated Parameter(s) PS240	RF CNR drift limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 CNR drift warning limit
49173 (Hex: 0xC015)	RF_CARRIER_OFFSET_W Description: Applicable Standards: Associated Parameter(s) PS241	RF Carrier offset limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Carrier offset warning limit
49174 (Hex: 0xC016)	RF_CARRIER_OFFSET_DRIFT_W Description: Applicable Standards: Associated Parameter(s) PS242	RF Carrier offset drift limit warning (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Carrier offset drift warning limit
49175 (Hex: 0xC017)	RF Metric Warnings Description: Applicable Standards:	RF Metric Warnings MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49176 (Hex: 0xC018)	DPI/SIT Cancel Description: Applicable Standards:	DPI Cancel has been recieved (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

49177 (Hex: 0xC019)	DPI/SIT Splice Description: Applicable Standards:	DPI Splice has been recieved (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49178 (Hex: 0xC01A)	DPI/SIT Program Splice Description: Applicable Standards:	DPI Prg Splice has been recieved (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49179 (Hex: 0xC01B)	DPI/SIT Component Splice Description: Applicable Standards:	DPI Cmp Splice has been recieved (information only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49181 (Hex: 0xC01D)	DPI/SIT Any information events Description: Applicable Standards:	DPI information heading for DPI messages not set/sent MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49182 (Hex: 0xC01E)	RF Metric Warnings Description: Applicable Standards: Associated Parameter(s)	RF Metric Warnings MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	PS222	MER abs warning limit
	PS223	MER drift warning limit
	PS224	EVM warning limit
	PS225	EVM drift warning limit
	PS226	BER PRE RS warning limit
	PS227	BER PRE RS drift warning
	PS228	BER PRE viterbi warning limit
	PS229	BER PRE viterbi drift warning limit
	PS230	BER POST RS warning limit
	PS231	BER POST RS drift warning limit
	PS234	Power high warning limit
	PS235	Power low warning limit
	PS236	power drift warning limit
	PS237	SNR warning limit
	PS238	SNR drift warning limit
	PS239	CNR warning limit
	PS240	CNR drift warning limit
	PS241	Carrier offset warning limit
	PS242	Carrier offset drift warning limit

	PS267	Corrupted packets per second limit warning limit
	PS271	Dropped packets per second limit warning limit
	PS275	Packet interval timing warning limit
	PS279	Out of order packets per second warning limit
	PS317	IP Bit rate High warning limit
	PS318	IP Bit rate Low warning limit
	PS324	Phase noise warning limit
	PS325	Phase noise drift warning limit
49184 (Hex: 0xC020)	RF errored packet limit warning	
	Description:	RF errored packet limit warning (info only)
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS267	Corrupted packets per second limit warning limit
49186 (Hex: 0xC022)	RF dropped packet limit warning	
	Description:	RF dropped packet limit warning (info only)
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS271	Dropped packets per second limit warning limit
49187 (Hex: 0xC023)	RF dropped packet drift limit warning	
	Description:	RF dropped packet drift limit warning (info only)
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS306	IP MDI Delay Factor warning limit
49188 (Hex: 0xC024)	RF Packet interval time limit warning	
	Description:	RF Packet interval time limit warning (info only)
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS275	Packet interval timing warning limit
49189 (Hex: 0xC025)	RF Packet interval time drift limit warning	
	Description:	RF Packet interval time drift limit warning (info only)
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS307	IP MDI Media Loss Rate warning limit

49190 (Hex: 0xC026)	RF Out of order packet limit warning Description: Applicable Standards: Associated Parameter(s) PS279	RF Out of order packet limit warning (info only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Out of order packets per second warning limit
49194 (Hex: 0xC02A)	Polling Channel Change Description: Applicable Standards:	Polling channel change MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49195 (Hex: 0xC02B)	Polling Stopped Description: Applicable Standards:	Polling stopped MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49196 (Hex: 0xC02C)	Polling Channel Change Soon Description: Applicable Standards:	Channel Polling Event Due MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49197 (Hex: 0xC02D)	Polling Channel Change Completed Description: Applicable Standards:	Channel Polling Event Complete MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49198 (Hex: 0xC02E)	Channel Polling Events Description: Applicable Standards:	Channel Polling Events MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49200 (Hex: 0xC030)	Miscellaneous Events Description: Applicable Standards:	Miscellaneous Events MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49202 (Hex: 0xC032)	IP Bit rate High warning Description: Applicable Standards: Associated Parameter(s) PS317	Bit Rate High Warning MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP Bit rate High warning limit

49203 (Hex: 0xC033)	IP Bit rate Low warning Description: Applicable Standards: Associated Parameter(s) PS318	Bit Rate Low Warning MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 IP Bit rate Low warning limit
49205 (Hex: 0xC035)	Phase Noise Limit Warning Description: Applicable Standards: Associated Parameter(s) PS324	Phase Noise Limit Warning (info only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Phase noise warning limit
49206 (Hex: 0xC036)	Phase Noise Drift Limit Warning Description: Applicable Standards: Associated Parameter(s) PS325	Phase Noise Drift Limit Warning (info only) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Phase noise drift warning limit
49207 (Hex: 0xC037)	Possible video problem warning Description: Applicable Standards: Associated Parameter(s) PS330 PS331 PS332 PS333 PS334 PS335 PS337 PS338	Possible video problem warning MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 Video stuck warning factor 1 (higher - more sensitive) Video stuck warning length Video black warning threshold (lower - less sensitive) Video black warning length Video crushed warning threshold (higher - less sensitive) Video crushed warning length Video stuck warning factor 2 (higher - more sensitive) Video stuck warning factor 3 (higher - more sensitive)
49208 (Hex: 0xC038)	DPI/SIT Descriptor - Avail Description: Applicable Standards:	DPI/SIT Descriptor - Avail MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49209 (Hex: 0xC039)	DPI/SIT Descriptor - DTMF Description: Applicable Standards:	DPI/SIT Descriptor - DTMF MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142

49210 (Hex: 0xC03A)	DPI/SIT Descriptor - Segmentation Description: Applicable Standards:	DPI/SIT Descriptor - Segmentation MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49211 (Hex: 0xC03B)	DPI/SIT Descriptor - Segmentation cancel Description: Applicable Standards:	DPI/SIT Descriptor - Segmentation Cancel MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
49212 (Hex: 0xC03C)	DPI/SIT Descriptor - non-standard type Description: Applicable Standards:	DPI/SIT Descriptor - non-standard type MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
53249 (Hex: 0xD001)	MER Description: Applicable Standards: Associated Parameter(s) PS201 PS202	MER MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 MER absolute limit MER drift limit
53250 (Hex: 0xD002)	EVM Description: Applicable Standards: Associated Parameter(s) PS203 PS204	EVM MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 EVM abs limit EVM drift limit
53251 (Hex: 0xD003)	BER (Pre Reed Solomon) Description: Applicable Standards: Associated Parameter(s) PS205 PS206	BER (Pre Reed Solomon) MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142 BER Pre RS abs BER pre RS drift

53252 (Hex: 0xD004)	BER (Pre-Viterbi)	<p>Description: BER (Pre-Viterbi)</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS207 BER PRE Viterbi abs Limit</p> <p>PS208 BER pre viterbi drift limit</p>
53253 (Hex: 0xD005)	BER (Post Reed Solomon)	<p>Description: BER (Post Reed Solomon)</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS209 BER post RS abs limit</p> <p>PS210 BER Post RS drift limit</p>
53255 (Hex: 0xD007)	Power	<p>Description: Power</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS213 Power high limit</p> <p>PS214 Power low limit</p> <p>PS215 Power drift limit</p>
53256 (Hex: 0xD008)	SNR	<p>Description: SNR</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS216 SNR limit</p> <p>PS217 SNR drift</p>
53257 (Hex: 0xD009)	CNR	<p>Description: CNR</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS218 CNR limit</p> <p>PS219 CNR drift</p>

53258 (Hex: 0xD00A)	Carrier Offset	<p>Description: Carrier Offset</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS220 Carrier offset limit</p> <p>PS221 Carrier offset drift limit</p>
53264 (Hex: 0xD010)	Bit Rate Error	<p>Description: Bit Rate Error</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS315 IP Bit rate High limit</p> <p>PS316 IP Bit rate Low limit</p>
53505 (Hex: 0xD101)	MER Warning	<p>Description: MER Warning</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS222 MER abs warning limit</p> <p>PS223 MER drift warning limit</p>
53506 (Hex: 0xD102)	EVM Warning	<p>Description: EVM</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS224 EVM warning limit</p> <p>PS225 EVM drift warning limit</p>
53507 (Hex: 0xD103)	BER (Pre Reed Solomon) Warning	<p>Description: BER (Pre Reed Solomon) Warning</p> <p>Applicable Standards: MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Associated Parameter(s)</p> <p>PS226 BER PRE RS warning limit</p> <p>PS227 BER PRE RS drift warning</p>

53508 (Hex: 0xD104)	<p>BER (Pre-Viterbi) Warning</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS228</p> <p>PS229</p>	<p>BER (Pre-Viterbi) Warning</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>BER PRE viterbi warning limit</p> <p>BER PRE viterbi drift warning limit</p>
53509 (Hex: 0xD105)	<p>BER (Post Reed Solomon) Warning</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS230</p> <p>PS231</p>	<p>BER (Post Reed Solomon) Warning</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>BER POST RS warning limit</p> <p>BER POST RS drift warning limit</p>
53511 (Hex: 0xD107)	<p>Power Warning</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS234</p> <p>PS235</p> <p>PS236</p>	<p>Power Warning</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>Power high warning limit</p> <p>Power low warning limit</p> <p>power drift warning limit</p>
53512 (Hex: 0xD108)	<p>SNR Warning</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS237</p> <p>PS238</p>	<p>SNR Warning</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>SNR warning limit</p> <p>SNR drift warning limit</p>
53513 (Hex: 0xD109)	<p>CNR Warning</p> <p>Description:</p> <p>Applicable Standards:</p> <p>Associated Parameter(s)</p> <p>PS239</p> <p>PS240</p>	<p>CNR Warning</p> <p>MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142</p> <p>CNR warning limit</p> <p>CNR drift warning limit</p>

53514 (Hex: 0xD10A)	Carrier Offset Warning	Carrier Offset Warning
	Description:	
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS241	Carrier offset warning limit
	PS242	Carrier offset drift warning limit
53520 (Hex: 0xD110)	Bit Rate Warning	Bit Rate Warning
	Description:	
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS317	IP Bit rate High warning limit
	PS318	IP Bit rate Low warning limit
53521 (Hex: 0xD111)	Phase Noise	Phase Noise
	Description:	
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS322	Phase noise limit
	PS323	Phase noise drift
53522 (Hex: 0xD112)	Phase Noise Warning	Phase Noise Warning
	Description:	
	Applicable Standards:	MPEG, DVB, ATSC, ISDB, Chinese, DCII, A78, SCTE142
	Associated Parameter(s)	
	PS324	Phase noise warning limit
	PS325	Phase noise drift warning limit

Test Name to Event Identity

Table 1-1 provides a cross-reference between the test name and the associated event identity (in decimal and hexadecimal format).

Table 1-1: Test name to event identity

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
1.1 Sync Loss	12305	0x3011
1.2 Sync Byte	12306	0x3012
1.3 PAT (Scrambling)	12546	0x3102
1.3 PAT (Table ID)	12545	0x3101
1.3 PAT (Timer)	12544	0x3100
1.3a PAT	12312	0x3018
1.4 Continuity	12594	0x3132
1.4 Continuity	12308	0x3014
1.5 PMT (Scrambling)	12548	0x3104
1.5 PMT (Timer)	12547	0x3103
1.5 PMT (Timer)	12640	0x3160
1.5a PMT	12313	0x3019
1.5a PMT	28672	0x7000
1.6 PID	12310	0x3016
1.6 PID	12311	0x3017
2.1 Transport	12321	0x3021
2.2 CRC	12322	0x3022
2.3a PCR Repetition	12567	0x3117
2.3a PCR Repetition	12624	0x3150
2.3b PCR Discontinuity Indicator	12625	0x3151
2.3b PCR Discontinuity Indicator	12568	0x3118
2.4 PCR Accuracy	12328	0x3028
2.4 PCR Accuracy	12324	0x3024
2.5 PTS	12325	0x3025
2.5 PTS	14120	0x3728
2.6 CAT	12326	0x3026
3.1 NIT (Table ID)	12553	0x3109
3.1a NIT Actual	12608	0x3140

Table 1- 1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
3.1b NIT Other	14088	0x3708
3.2 SI Repetition	12338	0x3032
3.4a Unref PID	12346	0x303A
3.4a Unref PID	12347	0x303B
3.5 SDT (Table ID)	12550	0x3106
3.5a SDT Actual	12610	0x3142
3.5b SDT Other	14094	0x370E
3.6 EIT (Table ID)	12561	0x3111
3.6a EIT Actual	12611	0x3143
3.6b EIT Other	12612	0x3144
3.6c EIT PF	13107	0x3333
3.7 RST	12343	0x3037
3.8 TDT	12344	0x3038
3.8 TDT (Table ID)	12563	0x3113
A/53 Prog P'digm	13088	0x3320
A/65 Base PID	12808	0x3208
A/65 EIT	12804	0x3204
A/65 ETT	12806	0x3206
A/65 MGT	12801	0x3201
A/65 MGT (Timer)	12817	0x3211
A/65 RRT	12803	0x3203
A/65 RRT (Timer)	12819	0x3213
A/65 STT	12802	0x3202
A/65 STT (Timer)	12818	0x3212
A/65 VCT	12805	0x3205
A/65 VCT (Timer)	12816	0x3210
A/78 Tests	16384	0x4000
A53 non-AC3 Audio	14432	0x3860
Any Box Error	4096	0x1000
Any DPI/SIT Errors	14378	0x382A
Any DPI/SIT Information	49180	0xC01C
Any Program Error	8200	0x2008
Any Stream Error	8192	0x2000
Any Table Syntax	13600	0x3520

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
AV Quality Tests	15103	0x3AFF
BAT Max Subtable Reptn Int	14113	0x3721
BAT Min Sect Reptn Int	14112	0x3720
BAT Syntax	13572	0x3504
Battery	4610	0x1202
BER (Post Reed Solomon)	53253	0xD005
BER (Post Reed Solomon) Warning	53509	0xD105
BER (Pre Reed Solomon)	53251	0xD003
BER (Pre Reed Solomon) Warning	53507	0xD103
BER (Pre-Viterbi)	53252	0xD004
BER (Pre-Viterbi) Warning	53508	0xD104
BIT	14193	0x3771
BIT (Table ID)	14209	0x3781
BIT Max Subtable Reptn Int	14179	0x3763
BIT Min Section Reptn Int	14178	0x3762
Bit Rate Error	53264	0xD010
Bit Rate Warning	53520	0xD110
BIT Syntax	14226	0x3792
Carrier Offset	53258	0xD00A
Carrier Offset Warning	53514	0xD10A
CAT max subtable RI	12565	0x3115
CAT Scrambling	12564	0x3114
CAT Syntax	13570	0x3502
CAT Table Id	12551	0x3107
CAT Timer	14683	0x395B
CDT	14199	0x3777
CDT Max Subtable Reptn Int	14198	0x3776
CDT Min Sect Reptn Int	14197	0x3775
CDT Syntax	14233	0x3799
Cell ID match	14383	0x382F
Channel Polling Events	49198	0xC02E
Closed Caption EIT/Video Error	14467	0x3883
Closed Caption Error	14464	0x3880
Closed Caption PMT/Video Error	14465	0x3881

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
CNR	53257	0xD009
CNR Warning	53513	0xD109
Components Present	16387	0x4003
Consistency	16444	0x403C
Consistency	16448	0x4040
Consistency	16447	0x403F
Consistency	16446	0x403E
Consistency	16445	0x403D
Continuity Error Rate (15min)	12359	0x3047
Corrupt Packet	53259	0xD00B
CRC Error Rate (15min)	12358	0x3046
Current Service Tests	15119	0x3B0F
CVCT	16422	0x4026
CVCT	16419	0x4023
CVCT	16420	0x4024
CVCT	16421	0x4025
CVCT 1x	13137	0x3351
CVCT 2x	13136	0x3350
CVCT 5x	13135	0x334F
CVCT CRC	13160	0x3368
DCCSCT Syntax	13585	0x3511
DCCT Syntax	13584	0x3510
DCII Base PID Err	14390	0x3836
DII download completion	14606	0x390E
DII max RI	14604	0x390C
DII min RI	14600	0x3908
DII Timeout	14597	0x3905
Discontinuity	12593	0x3131
Discontinuity	12595	0x3133
DIT	12588	0x312C
DIT (Table ID)	12582	0x3126
DIT Syntax	13599	0x351F
DPI/SIT Any information events	49181	0xC01D
DPI/SIT Cancel	49176	0xC018

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
DPI/SIT Component Splice	49179	0xC01B
DPI/SIT Descriptor - Avail	49208	0xC038
DPI/SIT Descriptor - DTMF	49209	0xC039
DPI/SIT Descriptor - non-standard type	49212	0xC03C
DPI/SIT Descriptor - Segmentation	49210	0xC03A
DPI/SIT Descriptor - Segmentation cancel	49211	0xC03B
DPI/SIT Ecrption failure	14373	0x3825
DPI/SIT Max repetition rate error	14377	0x3829
DPI/SIT Missing	14374	0x3826
DPI/SIT Multi PID Test	14372	0x3824
DPI/SIT Program Splice	49178	0xC01A
DPI/SIT Single PID test	14371	0x3823
DPI/SIT Splice	49177	0xC019
DPI/SIT Syntax error	14376	0x3828
Dropped Packet	53260	0xD00C
DSMCC DDB	12591	0x312F
DSMCC DDB Max Subtable Reptn Int	14188	0x376C
DSM-CC error	14608	0x3910
DSMCC UN	12590	0x312E
DSMCC UN Max Subtable Reptn Int	14186	0x376A
EAS Syntax	13586	0x3512
EIT	16428	0x402C
EIT	16429	0x402D
EIT	16426	0x402A
EIT	12342	0x3036
EIT	16427	0x402B
EIT Actual F Max Sect Reptn Int	14098	0x3712
EIT Actual F Timer	14676	0x3954
EIT Actual P Max Sect Reptn Int	14097	0x3711
EIT Actual P Timer	14675	0x3953
EIT Actual PF Max Subtable Reptn Int	14096	0x3710
EIT Actual PF Min Any Section Reptn Int	14679	0x3957
EIT Actual PF Min Sect Reptn Int	14095	0x370F
EIT Actual PF Missing	14163	0x3753

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
EIT Actual Sched Max Subtable Reptn Int	14104	0x3718
EIT Actual Sched Min Sect Reptn Int	14103	0x3717
EIT CRC	13162	0x336A
EIT Err Timer	12560	0x3110
EIT Other F Max Sect Reptn Int	14102	0x3716
EIT Other P Max Sect Reptn Int	14101	0x3715
EIT Other PF Max Subtable Reptn Int	14100	0x3714
EIT Other PF Min Sect Reptn Int	14099	0x3713
EIT Other Sched Max Subtable Reptn Int	14106	0x371A
EIT Other Sched Min Sect Reptn Int	14105	0x3719
EIT PF Presence Error	12370	0x3052
EIT Scrambling	13173	0x3375
EIT Syntax	13574	0x3506
EIT0 1x	13140	0x3354
EIT0 2x	13139	0x3353
EIT0 5x	13138	0x3352
EIT-0,1,2,3 Max Sect Reptn Int	14119	0x3727
EIT-0,1,2,3 Missing	14169	0x3759
EIT1 1x	13143	0x3357
EIT1 2x	13142	0x3356
EIT1 5x	13141	0x3355
EIT2 1x	13146	0x335A
EIT2 2x	13145	0x3359
EIT2 5x	13144	0x3358
EIT3 1x	13223	0x33A7
EIT3 2x	13222	0x33A6
EIT3 5x	13221	0x33A5
EIT-k Syntax	13581	0x350D
ETT CRC	13163	0x336B
ETT ETM Id Valid	13191	0x3387
ETT Scrambling	13174	0x3376
ETT Syntax	13583	0x350F
ETT/EIT ETM Id Consistency	13188	0x3384
EventID_0x3902	14594	0x3902

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
EventID_0x3903	14595	0x3903
EVID_ALARM_RESET	4355	0x1103
EVID_ANY_ALARM_ON	16	0x10
EVID_ANY_ERR	0	0x0
EVID_ANY_PID_ERR	8199	0x2007
EVID_ASSERTION	4613	0x1205
EVID_ATSCEIT0123_MAX_INSTANCE_RI	14118	0x3726
EVID_BOX_CONFIG	4611	0x1203
EVID_BOX_TIME_SET	4631	0x1217
EVID_CDT_ERR_TABLE_ID	14211	0x3783
EVID_CLEAR_LOG	4357	0x1105
EVID_CONTINUITY_COUNT_ERROR	12592	0x3130
EVID_DCVOLTAGE test change	4101	0x1005
EVID_EVENT_RESET	4356	0x1104
EVID_FIRMWARE_UPLOAD	4615	0x1207
EVID_FLOPPY_DISK	4099	0x1003
EVID_FRONT_PANEL_ITEM	4629	0x1215
EVID_GLOBAL_MMODE	20481	0x5001
EVID_HARD_DISK	4098	0x1002
EVID_INDIVIDUAL_ATSCEIT0123_MAX_INSTANCE_RI	14144	0x3740
EVID_INDIVIDUAL_BAT_MAX_SUBTABLE_RI	14143	0x373F
EVID_INDIVIDUAL_BAT_MIN_SECTION_RI	14142	0x373E
EVID_INDIVIDUAL_BIT_MAX_SUBTABLE_RI	14148	0x3744
EVID_INDIVIDUAL_BIT_MIN_SECTION_RI	14147	0x3743
EVID_INDIVIDUAL_CDT_MAX_SUBTABLE_RI	14157	0x374D
EVID_INDIVIDUAL_CDT_MIN_SECTION_RI	14158	0x374E
EVID_INDIVIDUAL_DSMCC_DDB_MAX_SUBTABLE_RI	14187	0x376B
EVID_INDIVIDUAL_DSMCC_UN_MAX_SUBTABLE_RI	14189	0x376D
EVID_INDIVIDUAL_DVBEIT_ACTUAL_PF_MAX_SUBTABLE_RI	14132	0x3734
EVID_INDIVIDUAL_DVBEIT_ACTUAL_PF_MIN_SECTION_RI	14131	0x3733
EVID_INDIVIDUAL_DVBEIT_ACTUAL_S_MAX_SUBTABLE_RI	14136	0x3738
EVID_INDIVIDUAL_DVBEIT_ACTUAL_S_MIN_SECTION_RI	14135	0x3737
EVID_INDIVIDUAL_DVBEIT_OTHER_PF_MAX_SUBTABLE_RI	14134	0x3736
EVID_INDIVIDUAL_DVBEIT_OTHER_PF_MIN_SECTION_RI	14133	0x3735

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
EVID_INDIVIDUAL_DVBEIT_OTHER_S_MAX_SUBTABLE_RI	14138	0x373A
EVID_INDIVIDUAL_DVBEIT_OTHER_S_MIN_SECTION_RI	14137	0x3739
EVID_INDIVIDUAL_DVBEIT_PF_PRESENCE	12369	0x3051
EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_BASE	14295	0x37D7
EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_CYC1	14292	0x37D4
EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_CYC2	14293	0x37D5
EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI_CYC3	14294	0x37D6
EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_BASE	14299	0x37DB
EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_CYC1	14296	0x37D8
EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_CYC2	14297	0x37D9
EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI_CYC3	14298	0x37DA
EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_BASE	14291	0x37D3
EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYC1	14288	0x37D0
EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYC2	14289	0x37D1
EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYC3	14290	0x37D2
EVID_INDIVIDUAL_HEIT_EXT_SCD_AUDIO_MAX_RI_BASE	14307	0x37E3
EVID_INDIVIDUAL_HEIT_EXT_SCD_AUDIO_MAX_RI_CYC1	14304	0x37E0
EVID_INDIVIDUAL_HEIT_EXT_SCD_AUDIO_MAX_RI_CYC2	14305	0x37E1
EVID_INDIVIDUAL_HEIT_EXT_SCD_AUDIO_MAX_RI_CYC3	14306	0x37E2
EVID_INDIVIDUAL_HEIT_EXT_SCD_DATA_MAX_RI_BASE	14311	0x37E7
EVID_INDIVIDUAL_HEIT_EXT_SCD_DATA_MAX_RI_CYC1	14308	0x37E4
EVID_INDIVIDUAL_HEIT_EXT_SCD_DATA_MAX_RI_CYC2	14309	0x37E5
EVID_INDIVIDUAL_HEIT_EXT_SCD_DATA_MAX_RI_CYC3	14310	0x37E6
EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_BASE	14303	0x37DF
EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_CYC1	14300	0x37DC
EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_CYC2	14301	0x37DD
EVID_INDIVIDUAL_HEIT_EXT_SCD_TV_MAX_RI_CYC3	14302	0x37DE
EVID_INDIVIDUAL_HSDTT_MAX_SUBTABLE_RI	14315	0x37EB
EVID_INDIVIDUAL_HSDTT_MIN_SECTION_RI	14314	0x37EA
EVID_INDIVIDUAL_LDT_MAX_SUBTABLE_RI	14154	0x374A
EVID_INDIVIDUAL_LDT_MIN_SECTION_RI	14153	0x3749
EVID_INDIVIDUAL_LEIT_MAX_SUBTABLE_RI	14171	0x375B
EVID_INDIVIDUAL_LEIT_MIN_SECTION_RI	14201	0x3779
EVID_INDIVIDUAL_LSDTT_MAX_SUBTABLE_RI	14319	0x37EF

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
EVID_INDIVIDUAL_LSDDT_MIN_SECTION_RI	14318	0x37EE
EVID_INDIVIDUAL_MEIT_MAX_SUBTABLE_RI	14170	0x375A
EVID_INDIVIDUAL_MEIT_MIN_SECTION_RI	14191	0x376F
EVID_INDIVIDUAL_NBIT_LINK_INFO_MAX_SUBTABLE_RI	14152	0x3748
EVID_INDIVIDUAL_NBIT_LINK_INFO_MIN_SECTION_RI	14151	0x3747
EVID_INDIVIDUAL_NBIT_MAX_SUBTABLE_RI	14150	0x3746
EVID_INDIVIDUAL_NBIT_MIN_SECTION_RI	14149	0x3745
EVID_INDIVIDUAL_NIT_ACTUAL_MAX_SUBTABLE_RI	14122	0x372A
EVID_INDIVIDUAL_NIT_ACTUAL_MIN_SECTION_RI	14121	0x3729
EVID_INDIVIDUAL_NIT_OTHER_MAX_SECTION_RI	14125	0x372D
EVID_INDIVIDUAL_NIT_OTHER_MAX_SUBTABLE_RI	14124	0x372C
EVID_INDIVIDUAL_NIT_OTHER_MIN_SECTION_RI	14123	0x372B
EVID_INDIVIDUAL_PCR_ERR	12327	0x3027
EVID_INDIVIDUAL_RST_MIN_SECTION_RI	14139	0x373B
EVID_INDIVIDUAL_SDT_ACTUAL_MAX_SUBTABLE_RI	14127	0x372F
EVID_INDIVIDUAL_SDT_ACTUAL_MIN_SECTION_RI	14126	0x372E
EVID_INDIVIDUAL_SDT_OTHER_MAX_SECTION_RI	14130	0x3732
EVID_INDIVIDUAL_SDT_OTHER_MAX_SUBTABLE_RI	14129	0x3731
EVID_INDIVIDUAL_SDT_OTHER_MIN_SECTION_RI	14128	0x3730
EVID_INDIVIDUAL_SDDT_MAX_SUBTABLE_RI	14146	0x3742
EVID_INDIVIDUAL_SDDT_MIN_SECTION_RI	14145	0x3741
EVID_INDIVIDUAL_TDT_MIN_SECTION_RI	14140	0x373C
EVID_INDIVIDUAL_TEMPLATE_RATING_ERR	25345	0x6301
EVID_INDIVIDUAL_TOT_MIN_SECTION_RI	14141	0x373D
EVID_INDIVIDUAL_VCT_MAX_SUBTABLE_RI	14155	0x374B
EVID_INTERFACE_FIRMWARE	4612	0x1204
EVID_ISDBT_INDIVIDUAL_NIT_EIT_CONSISTENCY	14251	0x37AB
EVID_ISDBT_INDIVIDUAL_SDT_EIT_CONSISTENCY	14248	0x37A8
EVID_ISDBT_NIT_SDT_SERVICE_CONSISTENCY	14249	0x37A9
EVID_ISDBT_TSP_ERROR	14256	0x37B0
EVID_LDT_MAX_SUBTABLE_RI	14185	0x3769
EVID_LDT_MIN_SECTION_RI	14184	0x3768
EVID_LOGIC	4617	0x1209
EVID_MINUS_FIVE_VOLTS	4130	0x1022

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
EVID_MINUS_TWELVE_VOLTS	4131	0x1023
EVID_MISC_HARDWARE	4624	0x1210
EVID_NBIT_LINK_INFO_MAX_SUBTABLE_RI	14183	0x3767
EVID_NBIT_LINK_INFO_MIN_SECTION_RI	14182	0x3766
EVID_NBIT_MAX_SUBTABLE_RI	14181	0x3765
EVID_NBIT_MIN_SECTION_RI	14180	0x3764
EVID_NETWORK	4616	0x1208
EVID_PIDGROUP_OCC_LIM	8195	0x2003
EVID_PLUS_FIVE_VOLTS	4128	0x1020
EVID_PLUS_TWELVE_VOLTS	4129	0x1021
EVID_RECORDING_COMPLETE	45312	0xB100
EVID_RF_BER_POST_RS	14345	0x3809
EVID_RF_BER_POST_RS_DRIFT	14346	0x380A
EVID_RF_BER_PRE_RS	14341	0x3805
EVID_RF_BER_PRE_RS_DRIFT	14342	0x3806
EVID_RF_BER_PRE_VITERBI	14343	0x3807
EVID_RF_BER_PRE_VITERBI_DRIFT	14344	0x3808
EVID_RF_CARRIER_OFFSET	14356	0x3814
EVID_RF_CARRIER_OFFSET_DRIFT	14357	0x3815
EVID_RF_CNR	14354	0x3812
EVID_RF_CNR_DRIFT	14355	0x3813
EVID_RF_EVM	14339	0x3803
EVID_RF_EVM_DRIFT	14340	0x3804
EVID_RF_LOCK	14336	0x3800
EVID_RF_MER	14337	0x3801
EVID_RF_MER_DRIFT	14338	0x3802
EVID_RF_POWER_DRIFT	14351	0x380F
EVID_RF_POWER_HIGH	14349	0x380D
EVID_RF_POWER_LOW	14350	0x380E
EVID_RF_SNR	14352	0x3810
EVID_RF_SNR_DRIFT	14353	0x3811
EVID_RF_TEF	14347	0x380B
EVID_RF_TEF_DRIFT	14348	0x380C
EVID_SCHEDULER	45072	0xB010

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
EVID_STREAM_CONFIG	45056	0xB000
EVID_STREAM_MISC_ERR	8450	0x2102
EVID_STREAM_MISC_INF	8448	0x2100
EVID_STREAM_MISC_WARN	8449	0x2101
EVID_SV_DEBUG	4608	0x1200
EVID_SV_INIT_FAIL	4354	0x1102
EVID_SV_START	4352	0x1100
EVID_SV_STOP	4353	0x1101
EVID_SYNTAX_ERT	14231	0x3797
EVID_SYNTAX_ITT	14232	0x3798
EVID_SYNTAX_LDT	14229	0x3795
EVID_SYNTAX_LIT	14230	0x3796
EVID_SYNTAX_NBIT	14227	0x3793
EVID_SYNTAX_NBIT_LINK_INFO	14228	0x3794
EVID_SYNTAX_PCAT	14224	0x3790
EVID_TEMPLATE_MATCH	13056	0x3300
EVID_TIME_SET	49152	0xC000
EVID_TRAPS_THROTTLED	20996	0x5204
EVID_TS_SYNC_STATE	12368	0x3050
EVIDANY_INDIVIDUAL_ERROR	12580	0x3124
EVIDDCCSCT_MAX_SECTION_RI	14159	0x374F
EVIDDCCT_MAX_SUBTABLE_RI	14200	0x3778
EVIDECM_ERR	8198	0x2006
EVIDISDBT_IIP_MIN_RI	14274	0x37C2
EVIDLDT_ERR	14196	0x3774
EVIDNBIT_ERR	14194	0x3772
EVIDNBIT_LINK_INFO_ERR	14195	0x3773
EVIDPID_DSMCC_DDB_MAX_SUBTABLE_RI	14190	0x376E
EVM	53250	0xD002
EVM Warning	53506	0xD102
Fan 1	4160	0x1040
Fan 2	4161	0x1041
Fan 3	4162	0x1042
Fan 4	4163	0x1043

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
Fan Monitor	4164	0x1044
Fan State	4097	0x1001
Front Panel	4628	0x1214
General	16449	0x4041
General	16451	0x4043
General	16450	0x4042
General	16453	0x4045
General	16452	0x4044
H-EIT	12583	0x3127
H-EIT (Table ID)	12570	0x311A
H-EIT basic schedule max subtable RI for audio	14262	0x37B6
H-EIT basic schedule max subtable RI for data	14263	0x37B7
H-EIT basic schedule max subtable RI for TV	14261	0x37B5
H-EIT Basic Schedule Syntax	13596	0x351C
H-EIT extended schedule max subtable RI for audio	14265	0x37B9
H-EIT extended schedule max subtable RI for data	14266	0x37BA
H-EIT extended schedule max subtable RI for TV	14264	0x37B8
H-EIT Extended Schedule Syntax	13597	0x351D
HEIT Schedule	14333	0x37FD
H-EIT Syntax	13593	0x3519
H-SDTT	12586	0x312A
H-SDTT (Table ID)	12574	0x311E
I2C	4609	0x1201
Ind CC EIT/Video Error	14468	0x3884
Ind CC PMT/Video Error	14466	0x3882
Ind DII completion	14607	0x390F
Ind DII max repetition error	14605	0x390D
Ind DII min repetition error	14601	0x3909
Ind DPI/SIT Missing	14375	0x3827
Ind EIT0 1x	13181	0x337D
Ind EIT0 2x	13180	0x337C
Ind EIT0 5x	13179	0x337B
Ind EIT1 1x	13184	0x3380
Ind EIT1 2x	13183	0x337F

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
Ind EIT1 5x	13182	0x337E
Ind EIT2 1x	13187	0x3383
Ind EIT2 2x	13186	0x3382
Ind EIT2 5x	13185	0x3381
Ind EIT3 1x	13226	0x33AA
Ind EIT3 2x	13225	0x33A9
Ind EIT3 5x	13224	0x33A8
Ind PMT 1x	13178	0x337A
Ind PMT 2x	13177	0x3379
Ind PMT 5x	13176	0x3378
IP Bitrate High	36875	0x900B
IP Bitrate High warning	49202	0xC032
IP Bitrate High warning	14379	0x382B
IP Bitrate Low	36876	0x900C
IP Bitrate Low warning	49203	0xC033
IP Bitrate Low warning	14380	0x382C
IP Errored Rate	36867	0x9003
IP MDI:DF Limit	36873	0x9009
IP MDI:LR Limit	36874	0x900A
IP packet interarrival time	36871	0x9007
IP Session Dropped	36872	0x9008
ISBBT NIT/EIT Consistency	14250	0x37AA
ISDB Tests	14328	0x37F8
ISDBT Any IIP CRC	14260	0x37B4
ISDBT EIT Type Content Check	14245	0x37A5
ISDBT EIT Unique Event Id	14246	0x37A6
ISDBT Guard Interval Consistency	14234	0x379A
ISDBT IIP Branching	14273	0x37C1
ISDBT IIP MCCI CRC	14258	0x37B2
ISDBT IIP Partial Reception Flag Set	49183	0xC01F
ISDBT IIP SFN Sync CRC	14259	0x37B3
ISDBT Max Partial Reception Services Error	14276	0x37C4
ISDBT Mode/Guard Interval Validation	14238	0x379E
ISDBT Modulation Consistency	14237	0x379D

Table 1- 1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
ISDBT Modulation/Error Compensation Validation	14240	0x37A0
ISDBT NIT Service List Consistency	14242	0x37A2
ISDBT NIT Terrestrial Delivery Validation	14241	0x37A1
ISDBT NIT/PMT Consistency	14277	0x37C5
ISDBT NIT/SDT Consistency	14257	0x37B1
ISDBT Partial Reception Consistency	14236	0x379C
ISDBT Partial Reception Service ID Check	14278	0x37C6
ISDBT Partial Reception/TS Information Consistency	14243	0x37A3
ISDBT SDT/EIT Consistency	14247	0x37A7
ISDBT Time Interleaving Validation	14239	0x379F
ISDBT TMCC Id Error	14275	0x37C3
ISDBT Transmission Mode Consistency	14235	0x379B
L-EIT	12585	0x3129
L-EIT (Table ID)	12572	0x311C
L-EIT Max Subtable Reptn Int	14174	0x375E
L-EIT Min Sect Reptn Int	14175	0x375F
L-EIT Syntax	13595	0x351B
Local Temperature	4144	0x1030
L-SDTT	12587	0x312B
L-SDTT (Table ID)	12573	0x311D
LTC Clock	4625	0x1211
M-EIT	12584	0x3128
M-EIT (Table ID)	12571	0x311B
M-EIT Max Subtable Reptn Int	14172	0x375C
M-EIT Min Sect Reptn Int	14173	0x375D
M-EIT Syntax	13594	0x351A
MER	53249	0xD001
MER Warning	53505	0xD101
MGT	16411	0x401B
MGT	16413	0x401D
MGT	16410	0x401A
MGT	16412	0x401C
MGT	16409	0x4019
MGT 1x	13122	0x3342

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
MGT 2x	13121	0x3341
MGT 5x	13120	0x3340
MGT CRC	13156	0x3364
MGT Missing	14165	0x3755
MGT Syntax	13578	0x350A
MGT/EIT-k presence	12848	0x3230
Miscellaneous	14329	0x37F9
Miscellaneous Events	49200	0xC030
Missing Descriptor	13202	0x3392
MPEG Continuity Count Error	37121	0x9101
MPEG Sync Byte Error	37122	0x9102
MPEG Sync Loss Error	37123	0x9103
Multiple Registration Descriptor	13200	0x3390
NBIT (Table ID)	14210	0x3782
Network Clock	4626	0x1212
NIM Message Missing	14386	0x3832
NIM Syntax	13589	0x3515
NIT	12337	0x3031
NIT Actual Max Section Reptn Int	14085	0x3705
NIT Actual Max Subtable Reptn Int	14084	0x3704
NIT Actual Min Any Section Reptn Int	14677	0x3955
NIT Actual Min Section Reptn Int	14083	0x3703
NIT Actual Missing	14161	0x3751
NIT Actual Timer	14673	0x3951
NIT Err Timer	12552	0x3108
NIT Other Max Subtable Reptn Int	14087	0x3707
NIT Other Min Section Reptn Int	14086	0x3706
NIT Syntax	13571	0x3503
NTM Message Missing	14387	0x3833
NTM Syntax	13590	0x3516
Other	14322	0x37F2
Other IP Session Events	37125	0x9105
Other Repetition Tests	14433	0x3861
Out of Order Packet	53262	0xD00E

Table 1- 1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
PAT	16397	0x400D
PAT	16395	0x400B
PAT	16396	0x400C
PAT	16398	0x400E
PAT	16399	0x400F
PAT 1x	13131	0x334B
PAT 2x	13130	0x334A
PAT 5x	13129	0x3349
PAT CRC	13157	0x3365
PAT max section RI	14672	0x3950
PAT Missing	14160	0x3750
PAT Scrambling	13167	0x336F
PAT Syntax	13568	0x3500
PAT Table Id	13165	0x336D
PAT/PMT Consistency	13104	0x3330
PAT/SDT Consistency	13105	0x3331
PAT/VCT consistency	13106	0x3332
PAT/VCT TS Id Consistency	16454	0x4046
PCR	16438	0x4036
PCR	16439	0x4037
PCR	16437	0x4035
PCR	12323	0x3023
PCR	16440	0x4038
PCR 1x	13152	0x3360
PCR 2x	13151	0x335F
PCR 5x	13150	0x335E
PCR Accuracy 1x	13204	0x3394
PCR Accuracy 1x	13212	0x339C
PCR Accuracy 5x	13213	0x339D
PCR Accuracy 5x	13205	0x3395
PCR Drift Rate (PCR_DR)	12357	0x3045
PCR Drift Rate (PCR_DR)	12354	0x3042
PCR Frequency Drift 1x	13208	0x3398
PCR Frequency Drift 1x	13216	0x33A0

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
PCR Frequency Drift 5x	13217	0x33A1
PCR Frequency Drift 5x	13209	0x3399
PCR Frequency Offset (PCR_FO)	12353	0x3041
PCR Frequency Offset (PCR_FO)	12356	0x3044
PCR Frequency Offset 1x	13214	0x339E
PCR Frequency Offset 1x	13206	0x3396
PCR Frequency Offset 5x	13207	0x3397
PCR Frequency Offset 5x	13215	0x339F
PCR Overall Jitter (PCR_OJ)	12355	0x3043
PCR Overall Jitter (PCR_OJ)	12352	0x3040
PCR Overall Jitter 1x	13218	0x33A2
PCR Overall Jitter 1x	13210	0x339A
PCR Overall Jitter 5x	13211	0x339B
PCR Overall Jitter 5x	13219	0x33A3
Phase Noise	53521	0xD111
Phase Noise Drift Limit	14382	0x382E
Phase Noise Drift Limit Warning	49206	0xC036
Phase Noise Limit	14381	0x382D
Phase Noise Limit Warning	49205	0xC035
Phase Noise Warning	53522	0xD112
PID Bit Rate Variability	8209	0x2011
PID Bit Rate Variability	8208	0x2010
PID Group Occupancy	8197	0x2005
PID Occupancy	8193	0x2001
PID Occupancy	8196	0x2004
PID Value Below 0x30	13201	0x3391
PIM Message Missing	14384	0x3830
PIM Syntax	13587	0x3513
PIT Time	53261	0xD00D
PMT	16400	0x4010
PMT	16402	0x4012
PMT	16401	0x4011
PMT	16403	0x4013
PMT 1x	13125	0x3345

Table 1- 1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
PMT 2x	13124	0x3344
PMT 5x	13123	0x3343
PMT CRC	13158	0x3366
PMT Scrambling	13168	0x3370
PMT Syntax	13569	0x3501
PMT Table Id	13166	0x336E
PMT/EIT Descriptor Consistency	13220	0x33A4
PNM Message Missing	14385	0x3831
PNM Syntax	13588	0x3514
Polling Channel Change	49194	0xC02A
Polling Channel Change Completed	49197	0xC02D
Polling Channel Change Soon	49196	0xC02C
Polling Stopped	49195	0xC02B
Possible video problem warning	49207	0xC037
Power	53255	0xD007
Power Warning	53511	0xD107
Priority 1	14323	0x37F3
Priority 2	14324	0x37F4
Priority 3	14325	0x37F5
Processing Overwhelmed	20994	0x5202
Processing Strained	20993	0x5201
Prog Occupancy	12345	0x3039
Program Information	49153	0xC001
Program Information	14244	0x37A4
Program Occupancy	8194	0x2002
Programs On-Air	16386	0x4002
PSI	16391	0x4007
PSI	16393	0x4009
PSI	16394	0x400A
PSI	16390	0x4006
PSI	16392	0x4008
PSIP	16406	0x4016
PSIP	16408	0x4018
PSIP	16404	0x4014

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
PSIP	16407	0x4017
PSIP	16405	0x4015
PSIP Scrambling	13169	0x3371
PTS	16442	0x403A
PTS	16441	0x4039
PTS	16443	0x403B
PTS 1x	13195	0x338B
PTS 1x	13155	0x3363
PTS 2x	13154	0x3362
PTS 2x	13194	0x338A
PTS 5x	13153	0x3361
PTS 5x	13193	0x3389
PTS/DTS Syntax Error	12372	0x3054
Real Time Clock	4614	0x1206
Remote Temperature	4145	0x1031
RF dropped packet drift limit error	14419	0x3853
RF dropped packet drift limit warning	49187	0xC023
RF dropped packet limit error	14418	0x3852
RF dropped packet limit warning	49186	0xC022
RF errored packet drift limit error	14417	0x3851
RF errored packet drift limit warning	49185	0xC021
RF errored packet limit error	14416	0x3850
RF errored packet limit warning	49184	0xC020
RF Metric Errors	14358	0x3816
RF Metric Warnings	49175	0xC017
RF Metric Warnings	49182	0xC01E
RF Out of order packet drift limit error	14423	0x3857
RF Out of order packet drift limit warning	49191	0xC027
RF Out of order packet limit error	14422	0x3856
RF Out of order packet limit warning	49190	0xC026
RF Packet interval time drift limit error	14421	0x3855
RF Packet interval time drift limit warning	49189	0xC025
RF Packet interval time limit error	14420	0x3854
RF Packet interval time limit warning	49188	0xC024

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
RF_BER_POST_RS_DRIFT_W	49163	0xC00B
RF_BER_POST_RS_W	49162	0xC00A
RF_BER_PRE_RS_DRIFT_W	49159	0xC007
RF_BER_PRE_RS_W	49158	0xC006
RF_BER_PRE_VITERBI_DRIFT_W	49161	0xC009
RF_BER_PRE_VITERBI_W	49160	0xC008
RF_CARRIER_OFFSET_DRIFT_W	49174	0xC016
RF_CARRIER_OFFSET_W	49173	0xC015
RF_CNR_DRIFT_W	49172	0xC014
RF_CNR_W	49171	0xC013
RF_EVM_DRIFT_W	49157	0xC005
RF_EVM_W	49156	0xC004
RF_MER_DRIFT_W	49155	0xC003
RF_MER_W	49154	0xC002
RF_POWER_DRIFT_W	49168	0xC010
RF_POWER_HIGH_W	49166	0xC00E
RF_POWER_LOW_W	49167	0xC00F
RF_SNR_DRIFT_W	49170	0xC012
RF_SNR_W	49169	0xC011
RF_TEF_DRIFT_W	49165	0xC00D
RF_TEF_W	49164	0xC00C
RRT	16425	0x4029
RRT	16424	0x4028
RRT	16423	0x4027
RRT 1x	13128	0x3348
RRT 2x	13127	0x3347
RRT 5x	13126	0x3346
RRT CRC	13161	0x3369
RRT Missing	14167	0x3757
RRT Syntax	13579	0x350B
RST (Table ID)	12576	0x3120
RST Min Any Sect Reptn Int	14681	0x3959
RST Min Sect Reptn Int	14107	0x371B
RST Syntax	13577	0x3509

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
RTP Lost Rate	36870	0x9006
RTP Out Of Order Rate	36869	0x9005
Script Conformance Warning	14593	0x3901
Script Conformance Warning	14335	0x37FF
Script Validation Error	14592	0x3900
Script Validation Error	14334	0x37FE
SDT	12341	0x3035
SDT Actual Max Section Reptn Int	14091	0x370B
SDT Actual Max Subtable Reptn Int	14090	0x370A
SDT Actual Min Any Section Reptn Int	14678	0x3956
SDT Actual Min Section Reptn Int	14089	0x3709
SDT Actual Missing	14162	0x3752
SDT Actual Timer	14674	0x3952
SDT Err Timer	12549	0x3105
SDT Other Max Subtable Reptn Int	14093	0x370D
SDT Other Min Section Reptn Int	14092	0x370C
SDT Syntax	13573	0x3505
SDTT	14192	0x3770
SDTT (Table ID)	14208	0x3780
SDTT Max Subtable Reptn Int	14177	0x3761
SDTT Min Sect Reptn Int	14176	0x3760
SDTT Syntax	14225	0x3791
SDTT(H) max subtable RI	14313	0x37E9
SDTT(H) min section RI	14312	0x37E8
SDTT(H) Syntax	14320	0x37F0
SDTT(L) max subtable RI	14317	0x37ED
SDTT(L) min section RI	14316	0x37EC
SDTT(L) Syntax	14321	0x37F1
Service Information Strained	20995	0x5203
Service Log Overflow	20992	0x5200
Service Quality	16388	0x4004
SFN (Invalid MIP)	13315	0x3403
SFN (No MIP)	13313	0x3401
SFN (Timer)	13316	0x3404

Table 1- 1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
SFN Bitate MIP/Actual Consistency	13344	0x3420
SFN CellID MIP/TPS Consistency	13336	0x3418
SFN CellID Missing	13335	0x3417
SFN CellID User Defined Constraint	13337	0x3419
SFN CRC	13331	0x3413
SFN Error	13312	0x3400
SFN MIP Coding	13332	0x3414
SFN MIP Length	13330	0x3412
SFN MIP Not Present	13345	0x3421
SFN One MIP per M/F	13328	0x3410
SFN Packet Cout Err	13314	0x3402
SFN Periodicity Consistency	13333	0x3415
SFN Pointer Consistency	13334	0x3416
SFN Repetition	13329	0x3411
SIT	12589	0x312D
SIT (Table ID)	12575	0x311F
SIT Syntax	13598	0x351E
SNR	53256	0xD008
SNR Warning	53512	0xD108
STM Message Missing	14389	0x3835
STM Syntax	13592	0x3518
Stream Mmode	20480	0x5000
STT	16430	0x402E
STT	16431	0x402F
STT	16432	0x4030
STT 1x	13149	0x335D
STT 2x	13148	0x335C
STT 5x	13147	0x335B
STT CRC	13164	0x336C
STT Missing	14168	0x3758
STT Syntax	13582	0x350E
Sync Byte Error Rate (15min)	12360	0x3048
System Card	4630	0x1216
System Card Temperature	4146	0x1032

Table 1-1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
Table Id Error	14331	0x37FB
Table Tests	14326	0x37F6
Table Version Consistency	16457	0x4049
TDT max section RI	14682	0x395A
TDT Min Any Sect Reptn Int	14680	0x3958
TDT Min Sect Reptn Int	14108	0x371C
TDT Missing	14164	0x3754
TDT Syntax	13575	0x3507
TDT Timer	12562	0x3112
Technical Conformance	16389	0x4005
Temperature	4100	0x1004
Template Header Error	24576	0x6000
Template Master Error	28671	0x6FFF
Template NetID Err	24608	0x6020
Template Orig NetID Err	24624	0x6030
Template Pid CA Err	25104	0x6210
Template PID Constraint Err	25152	0x6240
Template PID Error	25088	0x6200
Template PID Scramble Err	25120	0x6220
Template PID Stream Type Err	25136	0x6230
Template Rating Error	25344	0x6300
Template Rating Guidance Err	25376	0x6320
Template Rating Region Err	25360	0x6310
Template Service Constraint Err	24896	0x6140
Template Service Error	24832	0x6100
Template Service Name Err	24880	0x6130
Template Service Number Err	24640	0x6040
Template Service PCR Err	24848	0x6110
Template Service Pid Number Err	24912	0x6150
Template Service Type Err	24864	0x6120
Template TS Err	24592	0x6010
Time Source	4627	0x1213
Timer Error	14332	0x37FC
Timing	16436	0x4034

Table 1- 1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
Timing	16434	0x4032
Timing	16433	0x4031
Timing	16435	0x4033
TOT	12596	0x3134
TOT (Table ID)	12569	0x3119
TOT Max Sect Reptn Int	14111	0x371F
TOT Min Sect Reptn Int	14110	0x371E
TOT Syntax	13576	0x3508
TR 101 290	14327	0x37F7
Transport Error Rate (15min)	12361	0x3049
Transport On-Air	16385	0x4001
Transport Stream Occupancy	13824	0x3600
TS Availability	12371	0x3053
TVCT	16418	0x4022
TVCT	16416	0x4020
TVCT	16417	0x4021
TVCT	16415	0x401F
TVCT	16414	0x401E
TVCT 1x	13134	0x334E
TVCT 2x	13133	0x334D
TVCT 5x	13132	0x334C
TVCT CRC	13159	0x3367
TVCT No Service Location	16456	0x4048
VCM Message Missing	14388	0x3834
VCM Syntax	13591	0x3517
VCT Max Sect Reptn Int	14156	0x374C
VCT Missing	14166	0x3756
VCT Syntax	13580	0x350C
VCT/EIT Source Id Consistency	16459	0x404B
VCT/EIT0 Source Id Consistency	16458	0x404A
VCT/PMT (Number of Services) Consistency	13227	0x33AB
VCT/PMT Consistency	13190	0x3386
Video Black	15110	0x3B06
Video Black	15111	0x3B07

Table 1- 1: Test name to event identity (Cont.)

Test name	Event identity (Decimal)	Event identity (Hexadecimal)
Video Blockiness	15104	0x3B00
Video Blockiness	15105	0x3B01
Video Frozen	15108	0x3B04

Parameter Reference

The following pages list all of the parameters that can be used in the DTV Monitor configuration file.

Refer to *Example Configuration File* on page 2-6 to view an example configuration file.

General Parameters

The following parameters can be used in all streams.

<MTM400Configuration> </MTM400Configuration>

Description	Container for all MTM400/MTM400A configuration settings
Attribute	Name: Configuration file name, for example, Tek Test Config
Child Elements	All elements

<Device> </Device>

Description	Container for device parameters
Path	<MTM400Configuration> → <Device>
Child Elements	<UTCOffset>, <TimeSource>

<UTCOffset> </UTCOffset>

Description	Offset from UTC to local time
Path	<MTM400Configuration> → <Device> → <UTCOffset>
Data Value	Type: Integer Unit: Minutes Range: - 720 to + 720

<TimeSource> </TimeSource>

Description	Set time source Real Time Clock: The MTM400A internal clock. LTC (Longitudinal Time Clock): An analog format time clock often available from a centralized source. SNTP (Simple Network Time Protocol): A UTC-synchronized time clock available over the internet. Appropriate IP addresses of time servers should be available from the System Administrator.
Path	<MTM400Configuration> → <Device> → <TimeSource>
Data Value	Type: Integer Values: 0 = Internal clock 1 = LTC 2 = SNTP

<Streams></Streams>

Description	Container for all Stream settings
Path	<MTM400Configuration> → <Streams>
Child Element	<Stream>

<Stream Number=" " ></Stream>

Description	Container for individual Stream settings
Path	<MTM400Configuration> → <Streams> → <Stream>
Attribute	Number: '1' for MTM400/MTM400A
Child Elements	<PI1>, <LBand>, <QAM>, <Broadcast Standard>, <DvbRegion>, <TmccAcquisition>, <MpeAcquisition>, <ResetEventsOnSyncAcquired>, <MonitorRepetitionRates>, <OS1>, <HoldOffMode>, <TimeStamping>, <!-- Stream Miscellaneous Parameters -->, <!-- Stream Integer Parameters -->, <!-- Stream Interval Parameters -->, <PS56>, <PIDS>, <PIDGroups>, <Events>, <ServiceLog>, <TrapSettings>, <CIPConfiguration>

<PI1></PI1>

Description	Interface selection
Path	<MTM400Configuration> → <Streams> → <Stream> → <PI1>
Data Value	Type: Numeral Values: 0 = ASI 1 = SMPTE 2 = Serializer 1 3 = Serializer 2

<BroadcastStandard></BroadcastStandard>

Description	Broadcast standard selection; MPEG, DVB, ATSC
Path	<MTM400Configuration> → <Streams> → <Stream> → <BroadcastStandard>
Data Value	Type: Numeral Values: 0 = MPEG 1 = DVB 2 = ATSC

<DvbRegion></DvbRegion>

Description	DVB region selection (Only relevant when the DVB <BroadcastStandard> is selected.)
Path	<MTM400Configuration> → <Streams> → <Stream> → <DvbRegion>
Data Value	Type: Integer Values: 0 = DVB 1 = DVB (DTG) 2 = DVB (Nordic) 3 = DVB (Reserved) 4 = DVB (Aus)

<Satellite></Satellite>

Description	Non-DVB standard specialization
Path	<MTM400Configuration> → <Streams> → <Stream> → <Satellite>
Data Value	Type: Numeral Values: 0 = Satellite 1 = Terrestrial 2 = Cable 3 = ISDB-T (Partial Reception)

<TmccAcquisition></TmccAcquisition>

Description	TMCC acquisition enable or disable
Path	<MTM400Configuration> → <Streams> → <Stream> → <TmccAcquisition>
Data Value	Type: Numeral Values: 0 = Disabled 1 = Enabled

<MpeAcquisition></MpeAcquisition>

Description	MPE acquisition enable or disable This parameter must be disabled, that is, set to 0.
Path	<MTM400Configuration> → <Streams> → <Stream> → <MpeAcquisition>
Data Value	Type: Numeral Values: 0 = Disabled 1 = Enabled

<ResetEventsOnSyncAcquired></ResetEventsOnSyncAcquired>

Description	Determines whether alarms for the stream should be reset to green when sync is reacquired after having been lost.
Path	<MTM400Configuration> → <Streams> → <Stream> → <ResetEventsOnSyncAcquired>
Data Value	Type: Numeral Values: 0 = Disable 1 = Enable

<MonitorRepetitionRates></MonitorRepetitionRates>

Description	Monitor Stream repetition rates enable or disable
Path	<MTM400Configuration> → <Streams> → <Stream> → <MonitorRepetitionRates>
Data Value	Type: Numeral Values: 0 = Enable 1 = Disable

<OS1></OS1>

Description	Determines how often PID occupancy bit rate maximum and minimum values are written to the stream log.
Path	<MTM400Configuration> → <Streams> → <Stream> → <OS1>
Data Value	Type: Numeral Unit: s Range: 0 to 60000 Default: 60 s

<HoldoffMode></HoldoffMode>

Description	ISDB Holdoff during PAT/PMT change
Path	<MTM400Configuration> → <Streams> → <Stream> → <HoldoffMode>
Data Value	Type: Numeral Values: 0 = Disable 1 = Enable

<TimeStamping></TimeStamping>

Description	Enable or disable timestamping
Path	<MTM400Configuration> → <Streams> → <Stream> → <TimeStamping>
Data Value	Type: Numeral Values: 0 = Disable 1 = Enable

Interface Parameters**<LBand></LBand>**

Description	Container for all QPSK (L-Band) settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand>
Attribute	Selection: Use the <LBandSettings> Name attribute to indicate which collection of LBand settings should be activated. Update: Indicates that existing settings should be either completely replaced (Absolute) or supplemented (Incremental).
Child Element	<LBandSettings>

<LBandSettings Name=" " >/LBandSettings >

Description	Container for individual QPSK (L-Band) settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings>
Attribute	Name: LBand channel name. For example: LBand Channel 1. Up to 128 L-Band channels can be specified.
Child Elements	<OscillatorFrequency>, <TransponderFrequency>, <PolarVolts>, <SymbolRate>, <ViterbiRate>, <ViterbiRateAuto>, <Tone22K>, <InvertSpectrum>
Data Value	Type: Text Range: Up to 32 characters

<OscillatorFrequency></OscillatorFrequency>

Description	The Local Oscillator (LO) frequency of the Low Noise Block (LNB) is dependent on the Transponder frequency and must be such that the difference falls within the input range of the receiver. Typically, these values are 10.6 GHz (Hi-Band) and 9.75 GHz (Lo-Band) when converting from KU band. The values are 5.7 GHz (Hi-Band) and 5.15 GHz (Lo-Band) respectively when converting from C-Band. This information should be confirmed for the specific type of LNBS used.
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <OscillatorFrequency>
Data Value	Type: Numeral Unit: Hz

<TransponderFrequency></TransponderFrequency>

Description	The IF frequency, which is used to initialize the L-Band Interface card, is calculated as follows: Transponder_Frequency - LO_Frequency. If you want to specify the IF frequency rather than the individual LO and Transponder frequencies, set the <OscillatorFrequency> to a value of 0 (zero) and specify the required IF frequency under this parameter (<Transponder_Frequency>). If the IF frequency is specified, it must be in the range 0.950 GHz to 2.150 GHz; the tuning increment is 125 kHz.
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <TransponderFrequency>
Data Value	Type: Numeral Unit: Hz

<PolarVolts></PolarVolts>

Description	This parameter selects the polarization by applying 13 V (vertical) or 18 V (horizontal) to the LNB (Low Noise Block). A value of 0 can be used if no voltage is to be applied from this card; the polarization voltage is being supplied from an external source.
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <PolarVolts>
Data Value	Type: Numeral Values: 0 = 0 V 1 = 13 V 2 = 18 V

<SymbolRate></SymbolRate>

Description	Symbol rate value
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <SymbolRate>
Data Value	Type: Numeral Unit: Symbol/s Range: 1 to 45 Msymbol/s

<ViterbiRate></ViterbiRate>

Description	This is the harmonic fraction and takes one of the values specified. It may be overwritten if <ViterbiRateAuto> is on.
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <ViterbiRate>
Data Value	Type: Integer Values: 0 = 1/2 4 = 5/6 1 = 2/3 5 = 6/7 2 = 3/4 7 = 7/8

<ViterbiRateAuto></ViterbiRateAuto>

Description	This flag, values 0 or 1, indicates if the Viterbi Rate will be automatically tracked (0) or not (1).
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <ViterbiRateAuto>
Data Value	Type: Numeral Values: 0 = Viterbi Rate Auto Off 1 = Viterbi Rate Auto On

<Tone22K></Tone22K>

Description	The <OscillatorFrequency> is selected by applying the 22 kHz tone.
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <Tone22K>
Data Value	Type: Numeral Values: 0 = Tone 22 kHz Absent (select Hi-Band) 1 = Tone 22 kHz Present (select Lo-Band)

<InvertSpectrum></InvertSpectrum>

Description	Frequency spectrum inversion
Path	<MTM400Configuration> → <Streams> → <Stream> → <LBand> → <LBandSettings> → <InvertSpectrum>
Data Value	Type: Numeral Values: 0 = Invert Spectrum Off 1 = Invert Spectrum On

<QAM></QAM>

Description	Container for all QAM (Annex A) settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM>
Attribute	Selection: Use the <QAMSettings> Name attribute to indicate which collection of QAM settings should be activated. Update: Indicates that existing settings should be either completely replaced (Absolute) or supplemented (Incremental).
Child Element	<QAMSettings>

<QAMSettings Name=" " ></QAMSettings>

Description	Container for individual QAM (Annex A) settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings>
Attribute	QAM channel name. For example: QAM 1. Up to 128 QAM channels can be specified.
Child Element	<Frequency>, <SymbolRate>, <TwoLoFrequency>, <Constellation>, <Inversion>, <LoopBWWide>, <AFCwide>, <Troubleshoot>
Data Value	Type: Text Range: Up to 32 characters

<Frequency></Frequency>

Description	QAM Input frequency
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <Frequency>
Data Value	Type: Numeral Unit: Hz

<SymbolRate></SymbolRate>

Description	Symbol rate value
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <SymbolRate>
Data Value	Type: Numeral Unit: symbol/s Range: 5 to 7 Msymbol/s

<TwoLoFrequency></TwoLoFrequency>

Description	Equal to the Symbol Rate Value plus 36.125 MHz
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <TwoLoFrequency>
Data Value	Type: Numeral Range: Hz

<Constellation></Constellation>

Description	Sets the modulation scheme
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <Constellation>
Data Value	Type: Numeral Values: 0 = Constellation 4 1 = Constellation 16 2 = Constellation 64 3 = Constellation 256

<Inversion></Inversion>

Description	Frequency spectrum inversion
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <Inversion>
Data Value	Type: Numeral Values: Invert Spectrum Off = 0 Invert Spectrum On = 1

<LoopBWwide></LoopBWwide>

Description	<p>PLL Bandwidth. Modifies the bandwidth of the carrier phase recovery loop, which is responsible for de-rotating the incoming symbols to establish a steady constellation. When disabled (Normal mode), the loop bandwidth is approximately 3 kHz, which gives optimum immunity to noise in the channel for most applications.</p> <p>In some cases, the loop bandwidth may be too narrow to follow the jittered signal, in which case the setting should be enabled (Wide mode). This increases the loop bandwidth to about 10 kHz, which enables the MTM400A to more easily acquire and track a jittered constellation, but makes the demodulator more susceptible to thermal noise.</p>
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <LoopBWwide>
Data Value	Type: Numeral Values: 0 = Disable 1 = Enable

<AFCwide></AFCwide>

Description	AFC Range. Two carrier recovery ranges are available. When AFCWide is disabled (Normal mode) the range is approximately ± 150 kHz. When AFCWide is enabled (Wide mode) the range is increased to ± 500 kHz. The disabled setting is the default setting and is recommended for most applications.
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <AFCwide>
Data Value	Type: Numeral Values: 0 = Disable 1 = Enable

<TroubleShoot></TroubleShoot>

Description	<p>When disabled (MPEG mode), the lock condition is declared as ‘No Lock’ if a valid transport stream cannot be detected. This prevents spurious streams from being fed to the MPEG processor for analysis. When enabled (QAM mode), the validity of the MPEG stream is ignored, possibly resulting in spurious MPEG analysis, but allowing lock to be asserted if the QAM receiver front end sees a valid QAM signal. This allows the display of RF data and constellations even if the MPEG data is not valid.</p> <p>In QAM mode, the MTM400A behaves more like a conventional QAM analyzer. MPEG mode is the default setting and is recommended for most applications. The range controls, LoopBWwide (PLL bandwidth) and AFCwide (AFC range), are operable in both MPEG and QAM analysis modes.</p>
Path	<MTM400Configuration> → <Streams> → <Stream> → <QAM> → <QAMSettings> → <TroubleShoot>
Data Value	<p>Type: Numeral Values: 0 = Disable 1 = Enable</p>

Stream Parameters

Table 1-2 shows the parameters associated with streams.

Table 1-2: Stream parameters

Parameter identity	Description				
PS1	Measurement interval for overall bit rate				
		Nominal	Maximum	Minimum	Units
		1000	60000	100	ms
PS10	PAT/PMT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS100	DCCT max subtable repetition interval 2 seconds prior to DCC				
		Nominal	Maximum	Minimum	Units
		400	2000	10	ms
PS101	DCCT maximum subtable repetition interval during DCC				
		Nominal	Maximum	Minimum	Units
		150	2000	10	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS103	PTS arrival history length				
		Nominal	Maximum	Minimum	Units
		32	80	1	integer > 0
PS105	CAT maximum subtable repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	100000	100	ms
PS106	DSMCC obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS11	PCR accuracy/jitter history length				
		Nominal	Maximum	Minimum	Units
		32	256	1	integer > 0
PS111	SDT/EIT Consistency Timer Interval				
		Nominal	Maximum	Minimum	Units
		100000	300000	1000	ms
PS113	M-EIT maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		7800	30000	100	ms
PS114	L-EIT max repetition interval				
		Nominal	Maximum	Minimum	Units
		7800	30000	100	ms
PS115	M-EIT minimum section repetition interval				
		Nominal	Maximum	Minimum	Units
		0	100	0	ms
PS116	L-EIT minimum section repetition interval				
		Nominal	Maximum	Minimum	Units
		0	100	0	ms
PS117	EIT basic schedule (TV) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		3	255	0	Integer >= 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS118	EIT basic schedule (TV) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		13	255	0	Integer >= 0
PS119	EIT basic schedule (TV) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS120	EIT basic schedule (Sound) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS121	EIT basic schedule (Sound) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS122	EIT basic schedule (Sound) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS123	EIT basic schedule (Data) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS124	EIT basic schedule (Data) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS125	EIT basic schedule (Data) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS126	EIT extended schedule (TV) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		3	255	0	Integer >= 0
PS127	EIT extended schedule (TV) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
	ISDB_T	0	255	0	Integer >= 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS128	EIT extended schedule (TV) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS129	EIT extended schedule (Sound) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS13	CAT present timer				
		Nominal	Maximum	Minimum	Units
		2000	30000	100	ms
PS130	EIT extended schedule (Sound) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS131	EIT extended schedule (Sound) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS132	EIT extended schedule (Data) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS133	EIT extended schedule (Data) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS134	EIT extended schedule (Data) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer >= 0
PS135	EIT basic schedule (TV) max basic repetition interval				
		Nominal	Maximum	Minimum	Units
		120000	468000	1000	ms
PS136	EIT basic schedule (TV) max cycle group 1 repetition interval				
		Nominal	Maximum	Minimum	Units
		6000	468000	1000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS137	EIT basic schedule (TV) max cycle group 2 repetition interval				
		Nominal	Maximum	Minimum	Units
		20000	468000	1000	ms
PS138	EIT basic schedule (TV) max cycle group 3 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS139	EIT basic schedule (Sound) max basic repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS14	NIT actual network min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS140	EIT basic schedule (Sound) max cycle group 1 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS141	EIT basic schedule (Sound) max cycle group 2 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS142	EIT basic schedule (Sound) max cycle group 3 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS143	EIT basic schedule (Data) max basic repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
	ISDB_T	120000	468000	1000	ms
PS144	EIT basic schedule (Data) max cycle group 1 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
	ISDB_T	6000	468000	1000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS145	EIT basic schedule (Data) max cycle group 2 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS146	EIT basic schedule (Data) max cycle group 3 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS147	EIT extended schedule (TV) max basic repetition repetition interval				
		Nominal	Maximum	Minimum	Units
		120000	468000	1000	ms
PS148	EIT extended schedule (TV) max cycle group 1 repetition interval				
		Nominal	Maximum	Minimum	Units
		40000	468000	1000	ms
PS149	EIT extended schedule (TV) max cycle group 2 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS15	NIT actual network maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms
	ISDB_T	1300	30000	1000	ms
PS150	EIT extended schedule (TV) max cycle group 3 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS151	EIT extended schedule (Sound) max basic repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS152	EIT extended schedule (Sound) max cycle group 1 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS153	EIT extended schedule (Sound) max cycle group 2 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS154	EIT extended schedule (Sound) max cycle group 3 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS155	EIT extended schedule (Data) max basic repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
	ISDB_T	120000	468000	1000	ms
PS156	EIT extended schedule (Data) max cycle group 1 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
	ISDB_T	40000	468000	1000	ms
PS157	EIT extended schedule (Data) max cycle group 2 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS158	EIT extended schedule (Data) max cycle group 3 repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	468000	1000	ms
PS16	NIT actual network obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS160	EIT basic schedule (TV) range				
		Nominal	Maximum	Minimum	Units
		8	32	0	Integer >= 0
PS161	EIT basic schedule (Sound) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer >= 0
PS162	EIT basic schedule (Data) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer >= 0
	ISDB_T	8	32	0	Integer >= 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS163	EIT extended schedule (TV) range				
		Nominal	Maximum	Minimum	Units
		8	32	0	Integer >= 0
PS164	EIT extended schedule (Sound) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer >= 0
PS165	EIT extended schedule (Data) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer >= 0
	ISDB_T	8	32	0	Integer >= 0
PS166	IIP min repetition interval				
		Nominal	Maximum	Minimum	Units
		1000	100000	50	ms
PS167	EIT 1 max repetition interval				
		Nominal	Maximum	Minimum	Units
		3000	20000	100	ms
	ATSC_A78 ATSC_SC142	3000	3000	3000	ms
PS168	EIT 2/3 max repetition interval				
		Nominal	Maximum	Minimum	Units
		60000	120000	100	ms
	ATSC_A78 ATSC_SC142	60000	60000	60000	ms
PS169	SDTT(H) max repetition interval				
		Nominal	Maximum	Minimum	Units
		234000	400000	1000	ms
	ISDB_T	360000	400000	1000	ms
PS17	NIT other network min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS170	SDTT(H) min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS171	SDTT(L) max repetition interval				
		Nominal	Maximum	Minimum	Units
		234000	400000	1000	ms
	ISDB_T	360000	400000	1000	ms
PS172	SDTT(L) min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS174	PCR_FO/DR low-pass filter cutoff frequency				
		Nominal	Maximum	Minimum	Units
		10	10000	1	mHz
PS176	Splice information table missing test interval				
		Nominal	Maximum	Minimum	Units
		600000	1200000	1000	ms
PS177	Splice information table max repetition interval				
		Nominal	Maximum	Minimum	Units
		600000	1200000	1000	ms
PS178	PCR trend graph sample period				
		Nominal	Maximum	Minimum	Units
		1000	60000	500	ms
PS179	SDT actual max subtable repetition interval				
		Nominal	Maximum	Minimum	Units
		2000	30000	500	ms
	ISDB_T	2600	30000	500	ms
PS18	NIT other network max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS180	PCR nominal bitrate (0 for use average)				
		Nominal	Maximum	Minimum	Units
		0	214000000	0	Integer >= 0
PS181	PCR_OJ/AC high-pass filter cutoff (0 for same as DR/FO filter cutoff)				
		Nominal	Maximum	Minimum	Units
		100	10000	0	mHz
PS182	DSI min repetition interval				
		Nominal	Maximum	Minimum	Units
		0	300000	0	ms
PS183	DSI max repetition interval				
		Nominal	Maximum	Minimum	Units
		0	300000	0	ms
PS184	DII min repetition interval				
		Nominal	Maximum	Minimum	Units
		100	300000	0	ms
PS185	DII max repetition interval				
		Nominal	Maximum	Minimum	Units
		5000	300000	0	ms
PS186	DII max download completion time				
		Nominal	Maximum	Minimum	Units
		0	1000000	0	ms
PS187	DSI default timeout period				
		Nominal	Maximum	Minimum	Units
		0	300000	0	ms
PS188	DII default timeout period				
		Nominal	Maximum	Minimum	Units
		0	300000	0	ms
PS189	Allow DII tcDownloadScenario (if present) to override max download completion time				
		Nominal	Maximum	Minimum	Units
		1	1	0	boolean

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS19	NIT other network obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS2	Minimum overall bit rate				
		Nominal	Maximum	Minimum	Units
		64000	300000000	64000	bps
PS20	SDT actual minimum section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS200	Lock Limit				
		Nominal	Maximum	Minimum	Units
		1	1	0	Integer >= 0
PS201	MER absolute limit				
		Nominal	Maximum	Minimum	Units
		0	60	0	dB
PS202	MER drift limit				
		Nominal	Maximum	Minimum	Units
		30000	30000	0	mdB/hr
PS203	EVM abs limit				
		Nominal	Maximum	Minimum	Units
		100	100	1	%
PS204	EVM drift limit				
		Nominal	Maximum	Minimum	Units
		30000	30000	0	m%/hour
PS205	BER Pre RS abs				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9
PS206	BER pre RS drift				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9/hr

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS207	BER PRE Viterbi abs Limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9
PS208	BER pre viterbi drift limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9/hr
PS209	BER post RS abs limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9
PS21	SDT actual maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		2000	30000	500	ms
	ISDB_T	2600	30000	500	ms
PS210	BER Post RS drift limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9/hr
PS211	TEF abs limit				
		Nominal	Maximum	Minimum	Units
		10000000	10000000	0	TEFs/hr
PS212	TEF drift limit				
		Nominal	Maximum	Minimum	Units
		10000000	10000000	0	TEFs/hr/hr
PS213	Power high limit				
		Nominal	Maximum	Minimum	Units
		-10	10	-40	dBm
PS214	Power low limit				
		Nominal	Maximum	Minimum	Units
		-80	0	-90	dBm
PS215	Power drift limit				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	mdBm/hr

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS216	SNR limit				
		Nominal	Maximum	Minimum	Units
		0	100	0	dB
PS217	SNR drift				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	mdB/hr
PS218	CNR limit				
		Nominal	Maximum	Minimum	Units
		0	100	0	dB
PS219	CNR drift				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	mdB/hr
PS22	SDT actual obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS220	Carrier offset limit				
		Nominal	Maximum	Minimum	Units
		1000000	1000000	0	Hz
PS221	Carrier offset drift limit				
		Nominal	Maximum	Minimum	Units
		10000	10000	0	Hz/hr
PS222	MER abs warning limit				
		Nominal	Maximum	Minimum	Units
		0	60	0	dB
PS223	MER drift warning limit				
		Nominal	Maximum	Minimum	Units
		30000	30000	0	mdB/hr
PS224	EVM warning limit				
		Nominal	Maximum	Minimum	Units
		100	100	1	%

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS225	EVM drift warning limit				
		Nominal	Maximum	Minimum	Units
		30000	30000	0	m%/hour
PS226	BER PRE RS warning limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9
PS227	BER PRE RS drift warning				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9/hr
PS228	BER PRE viterbi warning limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9
PS229	BER PRE viterbi drift warning limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9/hr
PS23	SDT other min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS230	BER POST RS warning limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9
PS231	BER POST RS drift warning limit				
		Nominal	Maximum	Minimum	Units
		100000000	100000000	1	per 10e9/hr
PS232	TEF rate warning limit				
		Nominal	Maximum	Minimum	Units
		10000000	10000000	0	TEFs/hr
PS233	TEF rate drift warning limit				
		Nominal	Maximum	Minimum	Units
		10000000	10000000	0	TEFs/hr/hr

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS234	Power high warning limit				
		Nominal	Maximum	Minimum	Units
		-15	10	-40	dBm
PS235	Power low warning limit				
		Nominal	Maximum	Minimum	Units
		-75	0	-90	dBm
PS236	Power drift warning limit				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	mdBm/hr
PS237	SNR warning limit				
		Nominal	Maximum	Minimum	Units
		0	100	0	dB
PS238	SNR drift warning limit				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	mdB/hr
PS239	CNR warning limit				
		Nominal	Maximum	Minimum	Units
		0	100	0	dB
PS24	SDT other max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms
PS240	CNR drift warning limit				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	mdB/hr
PS241	Carrier offset warning limit				
		Nominal	Maximum	Minimum	Units
		1000000	1000000	0	Hz
PS242	Carrier offset drift warning limit				
		Nominal	Maximum	Minimum	Units
		10000	10000	0	Hz/hr

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS243	PIM max repetition interval				
		Nominal	Maximum	Minimum	Units
		1500	30000	1000	ms
PS244	PIM obsolescence count				
		Nominal	Maximum	Minimum	Units
		10	100	5	integer > 0
PS245	PNM max repetition interval				
		Nominal	Maximum	Minimum	Units
		1500	30000	1000	ms
PS246	PNM obsolescence count				
		Nominal	Maximum	Minimum	Units
		10	100	5	integer > 0
PS247	NIM max repetition interval				
		Nominal	Maximum	Minimum	Units
		1500	30000	1000	ms
PS248	NIM obsolescence count				
		Nominal	Maximum	Minimum	Units
		10	100	5	integer > 0
PS249	NTM max repetition interval				
		Nominal	Maximum	Minimum	Units
		1500	30000	1000	ms
PS25	SDT other obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS250	NTM obsolescence count				
		Nominal	Maximum	Minimum	Units
		10	100	5	integer > 0
PS251	VCM maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		1500	30000	1000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS252	VCM obsolescence count				
		Nominal	Maximum	Minimum	Units
		10	100	5	integer > 0
PS253	STM max repetition interval				
		Nominal	Maximum	Minimum	Units
		1500	30000	1000	ms
PS254	STM obsolescence count				
		Nominal	Maximum	Minimum	Units
		10	100	5	integer > 0
PS255	Partial Reception PMT PID #0				
		Nominal	Maximum	Minimum	Units
		8136	8191	0	integer >= 0
PS256	Partial Reception PMT PID #1				
		Nominal	Maximum	Minimum	Units
		8137	8191	0	integer >= 0
PS257	Partial Reception PMT PID #2				
		Nominal	Maximum	Minimum	Units
		8138	8191	0	integer >= 0
PS258	Partial Reception PMT PID #3				
		Nominal	Maximum	Minimum	Units
		8139	8191	0	integer >= 0
PS259	Partial Reception PMT PID #4				
		Nominal	Maximum	Minimum	Units
		8140	8191	0	integer >= 0
PS26	EIT actual PF minimum section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS260	Partial Reception PMT PID #5				
		Nominal	Maximum	Minimum	Units
		8141	8191	0	integer >= 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS261	Partial Reception PMT PID #6				
		Nominal	Maximum	Minimum	Units
		8142	8191	0	integer >= 0
PS262	Partial Reception PMT PID #7				
		Nominal	Maximum	Minimum	Units
		8143	8191	0	integer >= 0
PS263	Partial Reception PMT section maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		500	5000	0	ms
PS264	Maximum number of partial reception services				
		Nominal	Maximum	Minimum	Units
		3	10	0	integer >= 0
PS265	Corrupted packets per second limit				
		Nominal	Maximum	Minimum	Units
		100	10000	0	Packets/m
PS267	Corrupted packets per second limit warning limit				
		Nominal	Maximum	Minimum	Units
		200	10000	0	Packets/m
PS269	Dropped packets per second limit				
		Nominal	Maximum	Minimum	Units
		100	10000	0	Packets/m
PS27	EIT actual PF maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		2000	30000	500	ms
PS271	Dropped packets per second limit warning limit				
		Nominal	Maximum	Minimum	Units
		200	10000	0	Packets/m
PS273	Packet interval timing limit				
		Nominal	Maximum	Minimum	Units
		10000000	100000000	0	ns

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS275	Packet interval timing warning limit				
		Nominal	Maximum	Minimum	Units
		200	100000000	0	ns
PS277	Out of order packets per second limit				
		Nominal	Maximum	Minimum	Units
		1000	100000	0	Packets/m
PS279	Out of order packets per second warning limit				
		Nominal	Maximum	Minimum	Units
		2000	100000	0	Packets/m
PS28	EIT actual PF obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS284	Process DSMCC				
		Nominal	Maximum	Minimum	Units
		1	1	0	boolean
	DVB_STD DVB_DTG DVB_NORDIG DVB_AUS	0	1	0	boolean
PS288	EAS max section repetition interval				
		Nominal	Maximum	Minimum	Units
		1000	2000	50	ms
PS289	EAS obsolescence count				
		Nominal	Maximum	Minimum	Units
		50	100	5	integer > 0
PS29	EIT other PF minimum section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS3	Maximum overall bit rate				
		Nominal	Maximum	Minimum	Units
		300000000	300000000	64000	bps

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS30	EIT other PF maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	100000	1000	ms
PS302	Interpolate the TS packets inside UDP/RTP payload				
		Nominal	Maximum	Minimum	Units
		1	1	0	boolean
PS304	IP MDI Delay Factor limit				
		Nominal	Maximum	Minimum	Units
		100	100000	0	ms
PS305	IP MDI Media Loss Rate limit				
		Nominal	Maximum	Minimum	Units
		10	100000	0	TS Packets/s
PS306	IP MDI Delay Factor warning limit				
		Nominal	Maximum	Minimum	Units
		100	100000	0	ms
PS307	IP MDI Media Loss Rate warning limit				
		Nominal	Maximum	Minimum	Units
		10	100000	0	TS Packets/s
PS308	Maximum number of programs for Program Bitrate Logging				
		Nominal	Maximum	Minimum	Units
		25	50	0	integer >=0
PS31	EIT other PF obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS315	IP Bitrate High limit				
		Nominal	Maximum	Minimum	Units
		10000	1000000	0	Kbps
PS316	IP Bitrate Low limit				
		Nominal	Maximum	Minimum	Units
		100	1000000	0	Kbps

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS317	IP Bitrate High warning limit				
		Nominal	Maximum	Minimum	Units
		9000	1000000	0	Kbps
PS318	IP Bitrate Low warning limit				
		Nominal	Maximum	Minimum	Units
		200	1000000	0	Kbps
PS319	Do not perform missing test (1.6) on DPI PIDs				
		Nominal	Maximum	Minimum	Units
		0	1	0	boolean
PS32	EIT actual schedule minimum section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS320	Do not perform missing test (1.6) on DSMCC PIDs				
		Nominal	Maximum	Minimum	Units
		0	1	0	boolean
PS321	Do not perform missing test (1.6) on Private (type 5) PIDs				
		Nominal	Maximum	Minimum	Units
		0	1	0	boolean
PS322	Phase noise limit				
		Nominal	Maximum	Minimum	Units
		40	90	0	degrees (rms)
PS323	Phase noise drift				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	degrees (rms)/hr
PS324	Phase noise warning limit				
		Nominal	Maximum	Minimum	Units
		35	90	0	degrees (rms)

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS325	Phase noise drift warning limit				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	ddegrees (rms)/hr
PS33	EIT actual schedule maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	120000	2000	ms
	ISDB_T	120000	120000	2000	ms
PS330	Video stuck warning factor 1 (higher - more sensitive)				
		Nominal	Maximum	Minimum	Units
		10	50	1	Integer > 0
PS331	Video stuck warning length				
		Nominal	Maximum	Minimum	Units
		30	120	10	s
PS332	Video black warning threshold (lower - less sensitive)				
		Nominal	Maximum	Minimum	Units
		1000	5000	1	Integer > 0
PS333	Video black warning length				
		Nominal	Maximum	Minimum	Units
		30	120	10	s
PS334	Video crushed warning threshold (higher - less sensitive)				
		Nominal	Maximum	Minimum	Units
		10000	15000	8000	Integer > 0
PS335	Video crushed warning length				
		Nominal	Maximum	Minimum	Units
		30	120	10	s
PS336	PTS reorder buffer size				
		Nominal	Maximum	Minimum	Units
		0	100	0	Integer >= 0
PS337	Video stuck warning factor 2 (higher - more sensitive)				
		Nominal	Maximum	Minimum	Units
		40	100	1	Integer > 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS338	Video stuck warning factor 3 (higher - more sensitive)				
		Nominal	Maximum	Minimum	Units
		40	100	1	Integer > 0
PS339	Expected Cell ID				
		Nominal	Maximum	Minimum	Units
		0	65535	0	Integer >= 0
PS34	EIT actual schedule obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS340	Cell ID Missing Count				
		Nominal	Maximum	Minimum	Units
		5	100	0	Integer >= 0
PS341	SFN Bitrate error limit				
		Nominal	Maximum	Minimum	Units
		10000	1000000	0	Integer >= 0
PS342	SFN MIP data not present threshold				
		Nominal	Maximum	Minimum	Units
		1000	60000	0	ms
PS343	Section CRC errors per 15 minutes				
		Nominal	Maximum	Minimum	Units
		15	5000	0	Integer >= 0
PS344	Sync byte errors per 15 minutes				
		Nominal	Maximum	Minimum	Units
		15	5000	0	Integer >= 0
PS345	Continuity (CC) errors per 15 minutes				
		Nominal	Maximum	Minimum	Units
		30	5000	0	Integer >= 0
PS346	Transport (TEF/TEI) errors per 15 minutes				
		Nominal	Maximum	Minimum	Units
		15	5000	0	Integer >= 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS35	EIT other schedule min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS36	EIT other schedule max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	600000	2000	ms
	ISDB_T	360000	600000	2000	ms
PS37	EIT other schedule obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS38	RST min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
PS39	TDT min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
PS4	PID bit rate bin duration (bit rate is over 10 bins)				
		Nominal	Maximum	Minimum	Units
		100	310	20	ms
PS40	TDT max repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	120000	5000	ms
PS41	TOT min repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS42	TOT max repetition interval				
		Nominal	Maximum	Minimum	Units
		30000	120000	5000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS43	BAT min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
PS44	BAT max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	50000	2000	ms
PS45	BAT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS46	STT max section repetition interval				
		Nominal	Maximum	Minimum	Units
		1000	60000	250	ms
	ATSC_A78 ATSC_SC142	1000	1000	1000	ms
PS47	MGT max section repetition interval				
		Nominal	Maximum	Minimum	Units
		150	2000	50	ms
	ATSC_A78 ATSC_SC142	150	150	150	ms
PS48	VCT max subtable repetition interval				
		Nominal	Maximum	Minimum	Units
		400	3000	50	ms
PS49	RRT max section repetition interval				
		Nominal	Maximum	Minimum	Units
		60000	120000	5000	ms
	ATSC_A78 ATSC_SC142	60000	60000	60000	ms
PS5	PID bit rate bin count for variability				
		Nominal	Maximum	Minimum	Units
		3	10	1	integer > 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS50	EIT 0 max repetition interval				
		Nominal	Maximum	Minimum	Units
		500	20000	50	ms
	ATSC_A78 ATSC_SC142	500	500	500	ms
PS51	EIT obsolescence count				
		Nominal	Maximum	Minimum	Units
		50	400	5	integer > 0
PS52	ETT max repetition interval				
		Nominal	Maximum	Minimum	Units
		500	20000	50	ms
PS53	ETT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS54	MIP max repetition interval				
		Nominal	Maximum	Minimum	Units
		1500	3000	500	ms
PS55	MIP synch time stamp jitter limit				
		Nominal	Maximum	Minimum	Units
		300	20000	100	ns
PS57	PID reference transition time				
		Nominal	Maximum	Minimum	Units
		1000	25000	200	ms
PS59	Min stream bit rate for processing				
		Nominal	Maximum	Minimum	Units
		64000	300000000	64000	bps
PS6	PID bit rate bin count for service log				
		Nominal	Maximum	Minimum	Units
		10	100	1	integer > 0
PS61	CAT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS62	TSDT max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms
PS63	TSDT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS64	MGT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS65	VCT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS66	RRT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS68	PCAT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS69	PCAT max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms
PS7	Repetition interval history length				
		Nominal	Maximum	Minimum	Units
		32	256	1	integer > 0
PS70	SDTT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS71	SDTT max repetition interval				
		Nominal	Maximum	Minimum	Units
		234000	400000	1000	ms
	ISDB_T	360000	400000	1000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS72	BIT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS73	BIT max subtable repetition interval				
		Nominal	Maximum	Minimum	Units
		2000	30000	100	ms
PS8	PAT section max repetition interval				
		Nominal	Maximum	Minimum	Units
		500	5000	50	ms
	ATSC	100	5000	50	ms
	ATSC_A78 ATSC_SC142	100	100	100	ms
PS80	LIT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS81	LIT max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms
PS82	ERT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS83	ERT max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms
PS84	ITT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0
PS85	ITT max repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	30000	1000	ms

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS86	SDTT min section repetition interval1				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS87	BIT min section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS9	PMT section max repetition interval				
		Nominal	Maximum	Minimum	Units
		500	25000	40	ms
	ATSC	400	25000	40	ms
	ATSC_A78 ATSC_SC142	400	400	400	ms
	ISDB_T	130	25000	40	ms
PS91	VCT max section repetition interval				
		Nominal	Maximum	Minimum	Units
		400	3000	50	ms
	ATSC_A78 ATSC_SC142	400	400	400	ms
PS94	CDT obsolescence count				
		Nominal	Maximum	Minimum	Units
		10	100	5	integer > 0
PS95	CDT max subtable repetition interval				
		Nominal	Maximum	Minimum	Units
		1200000	2340000	10000	ms
PS96	CDT min section repetition interval				
		Nominal	Maximum	Minimum	Units
		0	100	0	ms
PS97	DCCSCT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0

Table 1-2: Stream parameters (Cont.)

Parameter identity	Description				
PS98	DCCSCT max section repetition interval				
		Nominal	Maximum	Minimum	Units
		3600000	7200000	10	ms
PS99	DCCT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	integer > 0

<PS58></PS58>

Description	Name used in the user interface to identify this Transport Stream
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS58>
Data Value	Type: Text

<PS60></PS60>

Description	ATSC broadcast type
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS60>
Data Value	Type: Numeral Values: 0 = Terrestrial 1 = Cable 2 = Either

Template Parameters

The following parameters are associated with templates.

<PS56></PS56>

Description	Container for Service Information Templates
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56>
Child Elements	<TransportStreamId>, <NetworkId>, <OriginalNetworkId>, <OtherServicesAllowed>, <ServiceList>

<TransportStreamId></TransportStreamId>

Description	Match with DVB transport_stream_id in the PAT.
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <TransportStreamId>
Data Value	Type: Integer Range: 0 to 65535

<NetworkId></NetworkId>

Description	Match with the DVB network_identity in the NIT; must be omitted for ATSC operation
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <NetworkId>

<OriginalNetworkId></OriginalNetworkId>

Description	Match with DVB original_network_id for the actual transport stream in the NIT; must be omitted for ATSC operation
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <OriginalNetworkId>

<OtherServicesAllowed></OtherServicesAllowed>

Description	
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <OtherServicesAllowed>
Data Value	Type: Boolean Value: 0 - Disabled 1 - Enabled

<ServiceList ></ServiceList>

Description	Container for all Service settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate>
Child Element	<Service>

<Service Number=" " >/Service >

Description	Container for individual Service settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service>
Attribute	Number: Service identifier
Child Elements	<Constraint>, <ServiceType>, <ServiceName>, <PCRPID>, <OtherPIDsAllowed>, <PIDList>, <RatingList>

<Constraint>/Constraint >

Description	Specifies whether this service must be present, may be present or must not be present in the PAT.
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <Constraint>
Data Value	Type: Integer Values: 0 = Must be present 1 = May be present 2 = Must not be present

<ServiceType>/ServiceType >

Description	DVB: Match against service_type in SDT service_descriptor ATSC: Match against service_type in VCT
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <ServiceType>
Data Value	Type: Integer

<ServiceName>/ServiceName >

Description	DVB: Match against service_name in SDT service_descriptor ATSC: Match against short_name in the VCT
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <ServiceName>
Data Value	Type: Text Example: BBC 1

<PCRPID></PCRPID>

Description	Match against PCR PID for this service in the PMT
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <PCRPID>
Data Value	Type: Integer

<OtherPIDsAllowed></OtherPIDsAllowed>

Description	Specifies whether any pids other than those specified in the PID list (see below) are allowed to be present for this service.
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <OtherPIDsAllowed>
Data Value	Type: Boolean

<PIDList Update=" " ></PIDList>

Description	Container for all PID settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <PIDList>
Child Element	<PID>

<PID Number=" " ></PID>

Description	Container for individual PID settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <PIDList> → <PID>
Attribute	Number: PID identifier
Child Elements	<Constraint>, <StreamType>, <CADescriptorPresent>, <IsScrambled>

<Constraint></Constraint>

Description	Specifies whether this PID must be present, may be present or must not be present for this service within the PMT. (This is not a test to check whether this PID is being transmitted.)
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <PIDList> → <PID> → <Constraint>
Data Value	Type: Integer Values: 0 = Must be present 1 = May be present 2 = Must not be present

<StreamType></StreamType>

Description	Match against stream_type in the PMT
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <PIDList> → <PID> → <StreamType>
Data Value	Type: Integer

<CADescriptorPresent></CADescriptorPresent>

Description	Specifies whether the CA_descriptor should be present in the PMT for this service, either in the per-program descriptor loop, or in the descriptor loop for this PID.
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <PIDList> → <PID> → <CADescriptorPresent>
Data Value	Type: Boolean

<IsScrambled></IsScrambled>

Description	Match against the scrambled state of this PID
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <PIDList> → <PID> → <IsScrambled>
Data Value	Type: Boolean

<RatingList></RatingList>

Description	Container for all Rating Lists
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList>
Child Elements	<DVBRatingList>, <ATSCRatingList>

<DVBRatingList></DVBRatingList>

Description	Container for all DVB Rating Templates
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <DVBRatingList>
Child Element	<DVBRatingTemplate>

<DVBRatingTemplate Country=" " ></DVBRatingTemplate>

Description	Container for all DVB country-specific ratings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <DVBRatingList> → <DVBRatingTemplate>
Attribute	Country: The country_code from the parental_rating_descriptor in the EIT present table for this service. For example: FRA.
Child Element	<DVBAcceptableValues>

<DVBAcceptableValues></DVBAcceptableValues>

Description	Container for all DVB country-specific acceptable values
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <DVBRatingList> → <DVBRatingTemplate> → <DVBAcceptableValues>
Child Element	<DVBRatingValue>

<DVBRatingValue></DVBRatingValue>

Description	
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <DVBRatingList> → <DVBRatingTemplate> → <DVBAcceptableValues> → <DVBRatingValue>

<ATSCRatingList Update=" " ><ATSCRatingList>

Description	Container for all ATSC Rating Lists
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <ATSCRatingList>
Child Element	<ATSCRatingTemplate>

<ATSCRatingTemplate Region=" " ></ATSCRatingTemplate>

Description	Container for all ATSC country-specific ratings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <ATSCRatingList> → <ATSCRatingTemplate>
Attribute	Region: rating_region from the country_advisory_descriptor.
Child Element	<ATSCAcceptableValues>

<ATSCAcceptableValues></ATSCAcceptableValues>

Description	Container for all ATSC country-specific acceptable values
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <ATSCRatingList> → <ATSCRatingTemplate> → <ATSCAcceptableValues>
Attribute	None
Child Element	<ATSCRatingValue>

<ATSCRatingValue></ATSCRatingValue>

Description	
Path	<MTM400Configuration> → <Streams> → <Stream> → <PS56> → <ServiceListUpdate> → <Service> → <RatingList> → <ATSCRatingList> → <ATSCRatingTemplate> → <ATSCAcceptableValues> → <ATSCRatingValue>

PID Parameters

Table 1-3 shows the parameters associated with PIDs.

<PIDS></PIDS>

Description	Container for all individual PID settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PIDS>
Child Element	<PID>

Table 1-3: PID parameters

Parameter identity	Description				
PP1	PID bit rate limit and missing test integration count				
		Nominal	Maximum	Minimum	Units
		1	60	1	integer > 0
PP10	Unreferenced PID test enable flag				
		Nominal	Maximum	Minimum	Units
		0	255	0	integer >= 0
PP11	Max PCR overall jitter				
		Nominal	Maximum	Minimum	Units
		25000	200000000	250	ns
	ATSC_A78 ATSC_SC142	25000	25000	25000	ns

Table 1-3: PID parameters (Cont.)

Parameter identity	Description				
PP12	Maximum PCR frequency offset				
		Nominal	Maximum	Minimum	Units
		810	30000	50	Hz
	ATSC_A78 ATSC_SC142	810	810	810	Hz
PP13	Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		75	10000	10	mHz/s
	ATSC_A78 ATSC_SC142	75	75	75	mHz/s
PP14	PCR frequency drift rate integration count				
		Nominal	Maximum	Minimum	Units
		25	250	1	integer > 0
PP16	Minimum bit rate permitted for this PID				
		Nominal	Maximum	Minimum	Units
		1000	2000000	1000	ms
PP17	Partial Reception PCR max repetition interval				
		Nominal	Maximum	Minimum	Units
		260	5000	0	ms
PP18	Partial Reception Max PCR discontinuity				
		Nominal	Maximum	Minimum	Units
		260	5000	0	ms
PP19	Process PTS for PES Private streams (0=auto, 1=on, 2=off)				
		Nominal	Maximum	Minimum	Units
		0	2	0	enumerated
PP2	PCR max repetition interval				
		Nominal	Maximum	Minimum	Units
		40	5000	0	ms
	ATSC	100	5000	0	ms
	ATSC_A78 ATSC_SC142	100	100	100	ms
	ISDB_T	100	5000	0	ms
	MPEG	100	5000	0	ms

Table 1-3: PID parameters (Cont.)

Parameter identity	Description				
PP20	VSB Max PCR accuracy error				
		Nominal	Maximum	Minimum	Units
		500	50000	100	ns
PP21	VSB Max PCR overall jitter				
		Nominal	Maximum	Minimum	Units
		25000	250000	0	ns
PP22	VSB Maximum PCR frequency offset				
		Nominal	Maximum	Minimum	Units
		75	30000	50	Hz
PP23	VSB Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		750	25000	10	mHz/s
PP3	Max PCR discontinuity				
		Nominal	Maximum	Minimum	Units
		100	1000	10	ms
	ATSC_A78 ATSC_SC142	100	100	100	ms
PP30	PSK Maximum PCR accuracy error				
		Nominal	Maximum	Minimum	Units
		500	50000	100	ns
PP31	PSK Maximum PCR overall jitter				
		Nominal	Maximum	Minimum	Units
		25000	250000	250	ns
PP32	PSK Maximum PCR frequency offset				
		Nominal	Maximum	Minimum	Units
		810	30000	50	Hz
PP33	PSK Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		350	25000	10	mHz/s

Table 1-3: PID parameters (Cont.)

Parameter identity	Description				
PP4	Max PCR accuracy error				
		Nominal	Maximum	Minimum	Units
		500	50000	100	ns
	ATSC_A78 ATSC_SC142	500	500	500	ns
PP40	QAM Max PCR accuracy error				
		Nominal	Maximum	Minimum	Units
		500	50000	100	ns
PP41	QAM Max PCR overall jitter				
		Nominal	Maximum	Minimum	Units
		25000	250000	250	ns
PP42	QAM Maximum PCR frequency offset				
		Nominal	Maximum	Minimum	Units
		810	30000	50	Hz
PP43	QAM Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		75	25000	10	mHz/s
PP5	Maximum PTS repetition interval				
		Nominal	Maximum	Minimum	Units
		700	5000	100	ms
	ATSC	1300	5000	100	ms
	ATSC_A78 ATSC_SC142	700	700	700	ms
	ISDB_T	1300	5000	100	ms
PP50	COFDM Max PCR accuracy error				
		Nominal	Maximum	Minimum	Units
		500	50000	100	ns
PP51	COFDM Max PCR overall jitter				
		Nominal	Maximum	Minimum	Units
		250000	0	ns	
PP52	COFDM Maximum PCR frequency offset				
		Nominal	Maximum	Minimum	Units
		810	30000	50	Hz

Table 1-3: PID parameters (Cont.)

Parameter identity	Description				
PP53	COFDM Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		350	25000	10	mHz/s
PP6	Minimum PID bit rate				
		Nominal	Maximum	Minimum	Units
		0	300000000	0	bps
PP60	IP Max PCR accuracy error				
		Nominal	Maximum	Minimum	Units
		10000000	50000000	100	ns
PP61	IP Max PCR overall jitter				
		Nominal	Maximum	Minimum	Units
		40000000	200000000	0	ns
PP62	IP Maximum PCR frequency offset				
		Nominal	Maximum	Minimum	Units
		810	3000000	50	Hz
PP63	IP Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		15000	250000	10	mHz/s
PP7	Minimum PID bit rate				
		Nominal	Maximum	Minimum	Units
		-1	300000000	0	bps
PP8	PID bit rate variability integration count				
		Nominal	Maximum	Minimum	Units
		10	30	2	integer > 0
PP9	PID bit rate variability fraction				
		Nominal	Maximum	Minimum	Units
		0	1	0	fraction

PID Groups Parameters

The following parameters are used in PID groups.

<PIDGroups><PIDGroups>

Description	Container for all PID Group settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PIDGroups>
Attribute	Update: Indicates that existing settings should be either completely replaced (Absolute) or supplemented (Incremental).
Child Element	<PIDGroup>

<PIDGroup Number=" " ><PIDGroup>

Description	Container for individual PID Group settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <PIDGroups> → <PIDGroup>
Attribute	Number: Unique PID group number. For example: 1.
Child Elements	<Name>, <PG1>, <PG3>, <PG3>

<Name></Name>

Description	PID Group name
Path	<MTM400Configuration> → <Streams> → <Stream> → <PIDGroups> → <PIDGroup> → <Name>
Data Value	Type: Text Range: 20 characters max. Example: Radio 1 Audio Pids

Table 1-4: PID group parameters

Parameter identity	Description
PG1	PID bit rate limit and missing test integration count
	Path: <MTM400Configuration> → <Streams> → <Stream> → <PIDGroups> → <PIDGroup> → <PG1>
	Data Value: Type: Space separated integers Example: 1 16 345 789 1010 1344 2040 8190

Table 1-4: PID group parameters (Cont.)

Parameter identity	Description	
PG2	Minimum group bit rate	
	Path:	<MTM400Configuration> → <Streams> → <Stream> → <PIDGroups> → <PIDGroup> → <PG2>
	Data Value:	Type: Integer Unit: bps Range: 0 bps to 155 Mbps
PG3	Maximum group bit rate	
	Path:	<MTM400Configuration> → <Streams> → <Stream> → <PIDGroups> → <PIDGroup> → <PG3>
	Data Value:	Type: Integer Unit: bps Range: 0 bps to 4294967295 bps

Events Parameters

The following parameters are used for event management.

<Events Update=" " ><Events>

Description	Container for all Event settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <Events>
Attribute	Update: Indicates that existing settings should be either completely replaced (Absolute) or supplemented (Incremental).
Child Element	<Event>

<Event ID=" " ><Event>

Description	Container for individual Event settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <Events> → <Event>
Attribute	ID: Unique event identity. Hex number format. For example: 0x1000.
Child Elements	<Enabled>, <AlarmSetting>

<Enabled></Enabled>

Description	Alarm enabled or disabled. The event may still be logged even when disabled
Path	<MTM400Configuration> → <Streams> → <Stream> → <Events> → <Event> → <Enabled>
Data Value	Type: Boolean Values: 0 = Disabled 1 = Enabled

<TrapClearEnabled></TrapClearEnabled>

Description	Specifies whether a trap will be sent when the test clears - for example, the test passes after failing
Path	<MTM400Configuration> → <Streams> → <Stream> → <Events> → <Event> → <TrapClearEnabled>
Data Value	Type: Numeral Values: 0 = Disabled 1 = Enabled

<TrapRaiseEnabled></TrapRaiseEnabled>

Description	Specifies whether a trap will be sent when the event happens or a test fails
Path	<MTM400Configuration> → <Streams> → <Stream> → <Events> → <Event> → <TrapRaiseEnabled>
Data Value	Type: Numeral Values: 0 = Disabled 1 = Enabled

<AlarmSetting></AlarmSetting>

Description	The Event Alarm Setting element uses a bit mask. A bit mask is a pattern of binary values, each of which is equivalent to a particular alarm output. The 32-bit bit mask, which can represent all of the available alarm outputs, is reduced to a four byte hexadecimal value; this is the value that is used in <AlarmSetting> (see Figure 1-1).
Path	<MTM400Configuration> → <Streams> → <Stream> → <Events> → <Event> → <AlarmSetting>

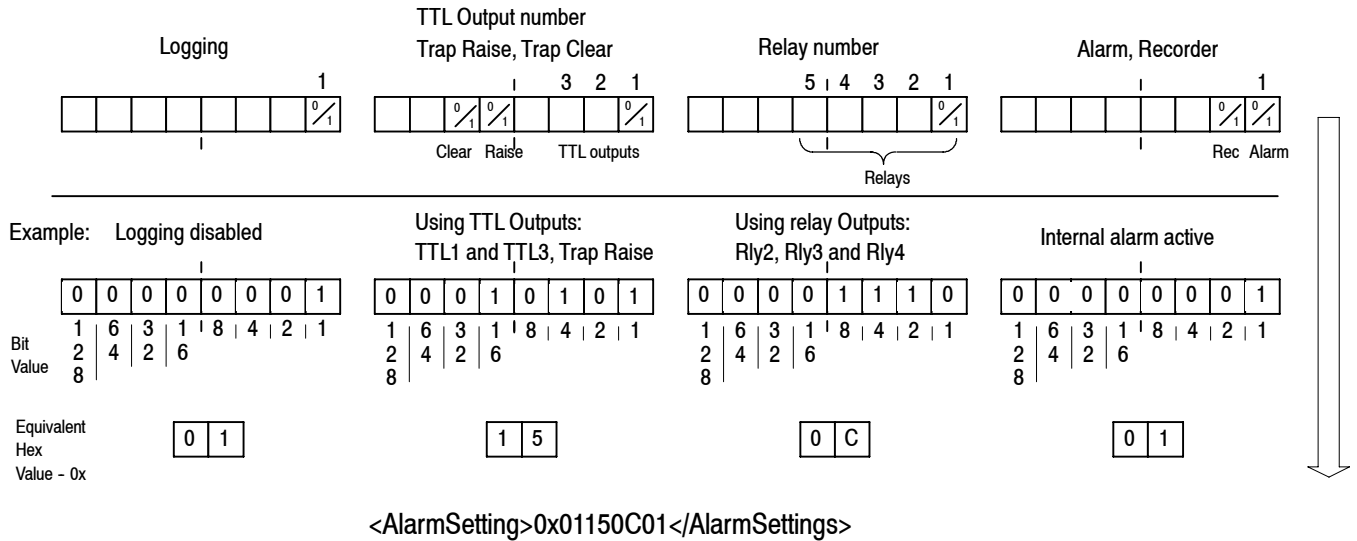


Figure 1-1: Alarm settings

Service Log Parameters

The following parameters are used for service log management.

<ServiceLog></ServiceLog>

Description	Container for Service Log settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <ServiceLog>
Child Element	<PIDs>

<PIDS></PIDS>

Description	List of PIDs in the group
Path	<MTM400Configuration> → <Streams> → <Stream> → <ServiceLog> → <PIDS>
Data Value	Type: Space separated integers Example: 1 16 345 789 1010 1344 2040 8190

Trap Setting Parameters

The following parameters are used for trap management.

<TrapSettings></TrapSettings>

Description	SNMP Trap destinations
Path	<MTM400Configuration> → <Streams> → <Stream> → <TrapSettings>
Child Element	<TrapSinkTimeout>, <TrapThrottle>, <TrapSinks>

<TrapSinkTimeout></TrapSinkTimeout>

Description	Number of minutes before an SNMP client is removed from the list of trap sinks. A value of 0 indicates that clients will never be removed from the list of trap sinks.
Path	<MTM400Configuration> → <Streams> → <Stream> → <TrapSettings> → <TrapSinkTimeout>
Data Value	Type: Integer Range: 0 to 120

<TrapThrottle></TrapThrottle>

Description	Maximum number of traps sent per second. Note that the number of clients will affect the total number of traps that can be sent.
Path	<MTM400Configuration> → <Streams> → <Stream> → <TrapSettings> → <TrapThrottle>
Data Value	Type: Integer Range: 0 to 1000

<TrapSinks></TrapSinks>

Description	Container for TrapSink
Path	<MTM400Configuration> → <Streams> → <Stream> → <TrapSettings> → <TrapSinks>

<TrapSink></TrapSink>

Description	IP of client that should be sent traps
Path	<MTM400Configuration> → <Streams> → <Stream> → <TrapSettings> → <TrapSinks> → <TrapSink>
Data Value	Type:

Common Interface Protocol Parameters

The parameters contained by the CIPConfiguration container are used for common interface management.

<CIPConfiguration></CIPConfiguration>

Description	Container for CIP settings
Path	<MTM400Configuration> → <Streams> → <Stream> → <CIPConfiguration>
Child Elements	<!-- Card specific XML -->

Example Configuration File

An example of a configuration file is given on page 2-6.

Event SNMP Traps

In the DTV Monitors, traps are used to report alerts or other asynchronous events generated by the core program. The DTV Monitor Programmer Manual describes the MIB (Management Information Base), which generates the SNMP traps. The following tables show the SNMP (Simple Network Management Protocol) traps that are available for each event identity.

- MPEG - Table 1-5, page 1-241
- DVB- Table 1-6, page 1-246
- DCII - Table 1-7, page 1-253
- ATSC - Table 1-8, page 1-258
- ATSC A78 - Table 1-9, page 1-263
- ATSC SCTE142 - Table 1-10, page 1-266
- ISDB-S- Table 1-11, page 1-269
- ISDB-T - Table 1-12, page 1-275
- ISDB (Partial Reception) - Table 1-13, page 1-283
- China - Table 1-14, page 1-289
- IP - Table 1-15, page 1-296

NOTE. A ‘-’ indicates that information is currently unavailable.

Table 1-5: Event SNMP Traps - MPEG

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	1	0	0	1	1	0	1
4145	0x1031	1	0	0	1	1	0	0	1	1	0	1
4146	0x1032	1	0	0	1	1	0	0	1	1	0	1
4160	0x1040	1	0	0	1	1	0	0	1	1	0	1
4161	0x1041	1	0	0	1	1	0	0	1	1	0	1
4162	0x1042	1	0	0	1	1	0	0	1	1	0	1

Table 1-5: Event SNMP Traps - MPEG (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
4163	0x1043	1	0	0	1	1	0	0	1	1	0	1
4164	0x1044	1	0	0	1	1	0	0	1	1	0	1
4609	0x1201	1	0	0	1	1	0	0	1	1	0	1
4610	0x1202	1	0	0	1	1	0	0	1	1	0	1
4612	0x1204	0	1	0	1	1	0	0	0	0	0	1
4614	0x1206	1	0	0	1	1	0	0	1	1	0	1
4615	0x1207	0	1	0	1	1	0	0	0	0	0	1
4616	0x1208	0	1	0	1	1	0	0	0	0	0	1
4617	0x1209	0	1	0	1	1	0	0	0	0	0	1
4625	0x1211	1	0	0	1	1	0	0	1	1	0	1
4626	0x1212	1	0	0	1	1	0	0	1	1	0	1
4629	0x1215	1	0	0	1	1	0	0	1	1	0	1
4630	0x1216	1	0	0	1	1	0	0	1	1	0	1
8195	0x2003	1	0	0	1	1	0	0	1	1	1	1
8196	0x2004	1	0	1	1	1	1	1	1	1	1	1
8209	0x2011	1	0	1	1	1	1	1	0	0	0	1
12305	0x3011	1	0	0	1	1	0	0	0	0	0	1
12306	0x3012	0	1	0	1	1	0	0	0	0	0	1
12311	0x3017	1	0	1	1	1	1	1	0	0	1	1
12321	0x3021	0	1	0	1	1	0	0	0	0	0	1
12322	0x3022	0	1	1	1	1	0	0	0	0	0	1
12328	0x3028	1	0	1	1	1	1	1	1	1	1	1
12345	0x3039	1	0	1	1	1	1	1	1	1	0	1
12346	0x303A	1	0	1	1	1	0	0	0	1	1	1
12355	0x3043	1	0	1	1	1	1	1	1	1	0	1
12356	0x3044	1	0	1	1	1	1	1	1	1	0	1
12357	0x3045	1	0	1	1	1	1	1	1	1	0	1
12358	0x3046	0	1	0	1	1	0	0	0	0	0	1
12359	0x3047	0	1	0	1	1	0	0	0	0	0	1
12360	0x3048	0	1	0	1	1	0	0	0	0	0	1
12361	0x3049	0	1	0	1	1	0	0	0	0	0	1
12371	0x3053	1	0	0	1	1	0	0	0	0	0	1
12544	0x3100	1	0	1	1	1	0	0	1	1	1	1

Table 1-5: Event SNMP Traps - MPEG (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
12545	0x3101	0	1	1	1	1	0	0	0	0	0	1
12546	0x3102	1	0	1	1	1	0	0	0	0	0	1
12548	0x3104	1	0	1	1	1	1	1	0	0	0	1
12551	0x3107	0	1	1	1	1	0	0	0	0	0	1
12564	0x3114	0	1	0	1	1	0	0	0	0	0	1
12565	0x3115	1	0	1	1	1	1	1	1	1	0	1
12567	0x3117	1	0	1	1	1	1	1	1	1	1	1
12568	0x3118	1	0	1	1	1	1	1	1	1	0	1
12594	0x3132	0	1	0	1	1	1	1	0	0	0	1
12595	0x3133	0	1	0	1	1	1	1	0	0	0	1
12640	0x3160	1	0	1	1	1	1	1	1	1	1	1
13104	0x3330	1	0	0	1	1	0	0	1	1	0	1
13568	0x3500	0	1	0	1	1	0	0	0	0	0	1
13569	0x3501	0	1	0	1	1	0	0	0	0	0	1
13570	0x3502	0	1	0	1	1	0	0	0	0	0	1
13824	0x3600	1	0	0	1	1	0	0	1	1	0	1
14085	0x3705	1	0	1	1	1	1	1	1	1	1	1
14120	0x3728	1	0	1	1	1	1	1	1	1	1	1
14121	0x3729	1	0	1	1	1	1	1	1	1	0	1
14122	0x372A	1	0	1	1	1	1	1	1	1	1	1
14336	0x3800	1	0	0	1	1	0	0	1	1	0	1
14337	0x3801	1	0	0	1	1	0	0	1	1	0	1
14338	0x3802	1	0	0	1	1	0	0	1	1	0	1
14339	0x3803	1	0	0	1	1	0	0	1	1	0	1
14340	0x3804	1	0	0	1	1	0	0	1	1	0	1
14341	0x3805	1	0	0	1	1	0	0	1	1	0	1
14342	0x3806	1	0	0	1	1	0	0	1	1	0	1
14343	0x3807	1	0	0	1	1	0	0	1	1	0	1
14344	0x3808	1	0	0	1	1	0	0	1	1	0	1
14345	0x3809	1	0	0	1	1	0	0	1	1	0	1
14346	0x380A	1	0	0	1	1	0	0	1	1	0	1
14349	0x380D	1	0	0	1	1	0	0	1	1	0	1
14350	0x380E	1	0	0	1	1	0	0	1	1	0	1

Table 1-5: Event SNMP Traps - MPEG (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
14351	0x380F	1	0	0	1	1	0	0	1	1	0	1
14352	0x3810	1	0	0	1	1	0	0	1	1	0	1
14353	0x3811	1	0	0	1	1	0	0	1	1	0	1
14354	0x3812	1	0	0	1	1	0	0	1	1	0	1
14355	0x3813	1	0	0	1	1	0	0	1	1	0	1
14356	0x3814	1	0	0	1	1	0	0	1	1	0	1
14357	0x3815	1	0	0	1	1	0	0	1	1	0	1
14371	0x3823	0	1	1	1	1	1	1	1	1	0	1
14372	0x3824	0	1	1	1	1	1	1	1	1	0	1
14373	0x3825	0	1	0	1	1	1	1	0	0	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0
14376	0x3828	0	1	0	1	1	1	1	0	1	0	1
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14379	0x382B	1	0	0	1	1	1	1	1	1	0	1
14380	0x382C	1	0	0	1	1	1	1	1	1	0	1
14416	0x3850	1	0	0	1	1	1	1	1	1	0	1
14417	0x3851	1	0	0	1	1	0	0	1	1	0	1
14418	0x3852	1	0	0	1	1	1	1	1	1	0	1
14419	0x3853	1	0	0	1	1	1	1	1	1	0	1
14420	0x3854	1	0	0	1	1	1	1	1	1	0	1
14421	0x3855	1	0	0	1	1	1	1	1	1	0	1
14422	0x3856	1	0	0	1	1	1	1	1	1	0	1
14423	0x3857	1	0	0	1	1	0	0	1	1	0	1
14672	0x3950	1	0	1	1	1	1	1	1	1	1	1
20992	0x5200	0	1	0	1	1	0	0	0	0	0	1
20993	0x5201	0	1	0	1	1	0	0	0	0	0	1
20994	0x5202	0	1	0	1	1	0	0	0	0	0	1
20995	0x5203	1	0	0	1	1	0	0	0	0	0	1
24592	0x6010	1	0	1	1	1	0	0	1	1	0	1
24608	0x6020	1	0	1	1	1	0	0	1	1	0	1
24624	0x6030	1	0	1	1	1	0	0	1	1	0	1
24640	0x6040	1	0	1	1	1	1	1	1	1	0	1
24848	0x6110	1	0	1	1	1	1	1	1	1	0	1

Table 1-5: Event SNMP Traps - MPEG (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
24864	0x6120	1	0	1	1	1	1	1	1	1	0	1
24880	0x6130	1	0	1	1	1	1	1	1	1	0	1
24896	0x6140	1	0	1	1	1	1	1	1	1	0	1
24912	0x6150	1	0	1	1	1	1	1	0	1	0	1
25104	0x6210	1	0	1	1	1	1	1	1	1	0	1
25120	0x6220	1	0	1	1	1	1	1	1	1	0	1
25136	0x6230	1	0	1	1	1	1	1	1	1	0	1
25152	0x6240	1	0	1	1	1	1	1	1	1	0	1
25345	0x6301	1	0	1	1	1	1	1	1	1	0	1
45072	0xB010	0	1	0	1	1	0	0	0	0	0	1
45312	0xB100	0	1	0	1	1	0	0	0	0	0	1
49153	0xC001	0	1	1	1	1	1	1	1	1	0	1
49154	0xC002	1	0	0	1	1	0	0	1	1	0	1
49155	0xC003	1	0	0	1	1	0	0	1	1	0	1
49156	0xC004	1	0	0	1	1	0	0	1	1	0	1
49157	0xC005	1	0	0	1	1	0	0	1	1	0	1
49158	0xC006	1	0	0	1	1	0	0	1	1	0	1
49159	0xC007	1	0	0	1	1	0	0	1	1	0	1
49160	0xC008	1	0	0	1	1	0	0	1	1	0	1
49161	0xC009	1	0	0	1	1	0	0	1	1	0	1
49162	0xC00A	1	0	0	1	1	0	0	1	1	0	1
49163	0xC00B	1	0	0	1	1	0	0	1	1	0	1
49166	0xC00E	1	0	0	1	1	0	0	1	1	0	1
49167	0xC00F	1	0	0	1	1	0	0	1	1	0	1
49168	0xC010	1	0	0	1	1	0	0	1	1	0	1
49169	0xC011	1	0	0	1	1	0	0	1	1	0	1
49170	0xC012	1	0	0	1	1	0	0	1	1	0	1
49171	0xC013	1	0	0	1	1	0	0	1	1	0	1
49172	0xC014	1	0	0	1	1	0	0	1	1	0	1
49173	0xC015	1	0	0	1	1	0	0	1	1	0	1
49174	0xC016	1	0	0	1	1	0	0	1	1	0	1
49175	0xC017	0	1	0	1	1	1	1	0	0	0	1
49176	0xC018	0	1	0	1	1	1	1	0	0	0	1

Table 1-5: Event SNMP Traps - MPEG (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
49177	0xC019	0	1	0	1	1	1	1	0	0	0	1
49178	0xC01A	0	1	0	1	1	1	1	0	0	0	1
49179	0xC01B	0	1	0	1	1	1	1	0	0	0	1
49184	0xC020	1	0	0	1	1	1	1	1	1	0	1
49185	0xC021	1	0	0	1	1	0	0	1	1	0	1
49186	0xC022	1	0	0	1	1	1	1	1	1	0	1
49187	0xC023	1	0	0	1	1	1	1	1	1	0	1
49188	0xC024	1	0	0	1	1	1	1	1	1	0	1
49189	0xC025	1	0	0	1	1	1	1	1	1	0	1
49190	0xC026	1	0	0	1	1	1	1	1	1	0	1
49191	0xC027	1	0	0	1	1	0	0	1	1	0	1
49194	0xC02A	0	1	0	0	0	0	0	0	0	0	0
49195	0xC02B	0	1	0	0	0	0	0	0	0	0	0
49202	0xC032	1	0	0	1	1	1	1	1	1	0	1
49203	0xC033	1	0	0	1	1	1	1	1	1	0	1

Table 1-6: Event SNMP Traps - DVB

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	1	1	1	1	1	0	1
4145	0x1031	1	0	0	1	1	1	1	1	1	0	1
4146	0x1032	1	0	0	1	1	1	1	1	1	0	1
4160	0x1040	1	0	0	1	1	1	1	1	1	0	1
4161	0x1041	1	0	0	1	1	1	1	1	1	0	1
4162	0x1042	1	0	0	1	1	1	1	1	1	0	1
4163	0x1043	1	0	0	1	1	1	1	1	1	0	1
4164	0x1044	1	0	0	1	1	1	1	1	1	0	1
4609	0x1201	1	0	0	1	1	1	1	1	1	0	1
4610	0x1202	1	0	0	1	1	1	1	1	1	0	1
4612	0x1204	1	1	0	1	1	1	1	1	1	0	1

Table 1-6: Event SNMP Traps - DVB (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
4614	0x1206	1	0	0	1	1	1	1	1	1	0	1
4615	0x1207	1	1	0	1	1	1	1	1	1	0	1
4616	0x1208	1	1	0	1	1	1	1	1	1	0	1
4617	0x1209	1	1	0	1	1	1	1	1	1	0	1
4625	0x1211	1	0	0	1	1	1	1	1	1	0	1
4626	0x1212	1	0	0	1	1	1	1	1	1	0	1
4629	0x1215	1	0	0	1	1	1	1	1	1	0	1
4630	0x1216	1	0	0	1	1	1	1	1	1	0	1
8195	0x2003	1	0	0	1	1	0	0	1	1	1	1
8196	0x2004	1	0	1	1	1	1	1	1	1	1	1
8209	0x2011	1	0	1	1	1	1	1	1	1	0	1
12305	0x3011	1	0	0	1	1	1	1	1	1	0	1
12306	0x3012	1	1	0	1	1	1	1	1	1	0	1
12311	0x3017	1	0	1	1	1	1	1	1	1	1	1
12321	0x3021	1	1	0	1	1	1	1	1	1	0	1
12322	0x3022	1	1	1	1	1	1	1	1	1	0	1
12328	0x3028	1	0	1	1	1	1	1	1	1	1	1
12345	0x3039	1	0	1	1	1	1	1	1	1	0	1
12346	0x303A	1	0	1	1	1	1	1	1	1	1	1
12355	0x3043	1	0	1	1	1	1	1	1	1	0	1
12356	0x3044	1	0	1	1	1	1	1	1	1	0	1
12357	0x3045	1	0	1	1	1	1	1	1	1	0	1
12358	0x3046	0	1	0	1	1	0	0	0	0	0	1
12359	0x3047	0	1	0	1	1	0	0	0	0	0	1
12360	0x3048	0	1	0	1	1	0	0	0	0	0	1
12361	0x3049	0	1	0	1	1	0	0	0	0	0	1
12369	0x3051	1	0	0	0	0	0	0	0	0	0	0
12370	0x3052	1	1	1	1	1	1	1	1	1	0	1
12371	0x3053	1	0	0	1	1	1	1	1	1	1	1
12544	0x3100	1	0	1	1	1	1	1	1	1	0	1
12545	0x3101	1	1	1	1	1	1	1	1	1	0	1
12546	0x3102	1	0	1	1	1	1	1	1	1	0	1
12548	0x3104	1	0	1	1	1	1	1	1	1	0	1

Table 1-6: Event SNMP Traps - DVB (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
12550	0x3106	1	1	1	1	1	1	1	1	1	0	1
12551	0x3107	1	1	1	1	1	1	1	1	1	0	1
12553	0x3109	1	1	1	1	1	1	1	1	1	0	1
12561	0x3111	1	1	1	1	1	1	1	1	1	0	1
12562	0x3112	1	0	1	1	1	1	1	1	1	0	1
12563	0x3113	1	1	1	1	1	1	1	1	1	0	1
12564	0x3114	1	1	0	1	1	1	1	1	1	0	1
12565	0x3115	1	0	1	1	1	1	1	1	1	0	1
12567	0x3117	1	0	1	1	1	1	1	1	1	1	1
12568	0x3118	1	0	1	1	1	1	1	1	1	1	1
12575	0x311F	1	1	1	1	1	1	1	1	1	0	1
12576	0x3120	1	1	1	1	1	1	1	1	1	0	1
12582	0x3126	1	1	1	1	1	1	1	1	1	0	1
12594	0x3132	1	1	0	1	1	1	1	1	1	0	1
12595	0x3133	1	1	0	1	1	1	1	1	1	0	1
12640	0x3160	1	0	1	1	1	1	1	1	1	1	1
13104	0x3330	1	0	0	1	1	1	1	1	1	1	1
13105	0x3331	1	0	0	1	1	1	1	1	1	1	1
13316	0x3404	1	0	1	1	1	1	1	1	1	0	1
13328	0x3410	1	0	1	1	1	1	1	1	1	0	1
13329	0x3411	1	0	1	1	1	1	1	1	1	0	1
13330	0x3412	1	1	1	1	1	1	1	1	1	0	1
13331	0x3413	1	1	1	1	1	1	1	1	1	0	1
13332	0x3414	1	0	1	1	1	1	1	1	1	0	1
13333	0x3415	1	0	1	1	1	1	1	1	1	0	1
13334	0x3416	1	0	1	1	1	1	1	1	1	0	1
13568	0x3500	1	1	0	1	1	1	1	1	1	0	1
13569	0x3501	1	1	0	1	1	1	1	1	1	0	1
13570	0x3502	1	1	0	1	1	1	1	1	1	0	1
13571	0x3503	1	1	0	1	1	1	1	1	1	0	1
13572	0x3504	1	1	0	1	1	1	1	1	1	0	1
13573	0x3505	1	1	0	1	1	1	1	1	1	0	1
13574	0x3506	1	1	0	1	1	1	1	1	1	0	1

Table 1-6: Event SNMP Traps - DVB (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
13575	0x3507	1	1	0	1	1	1	1	1	1	0	1
13576	0x3508	1	1	0	1	1	1	1	1	1	0	1
13577	0x3509	1	1	0	1	1	1	1	1	1	0	1
13598	0x351E	1	1	0	1	1	1	1	1	1	0	1
13599	0x351F	1	1	0	1	1	1	1	1	1	0	1
13824	0x3600	1	0	0	1	1	1	1	1	1	1	1
14085	0x3705	1	0	1	1	1	1	1	1	1	0	1
14091	0x370B	1	0	1	1	1	1	1	1	1	1	1
14097	0x3711	1	0	1	1	1	1	1	1	1	0	1
14098	0x3712	1	0	1	1	1	1	1	1	1	0	1
14101	0x3715	1	0	1	1	1	1	1	1	1	0	1
14102	0x3716	1	0	1	1	1	1	1	1	1	0	1
14111	0x371F	1	0	1	1	1	1	1	1	1	0	1
14120	0x3728	1	0	1	1	1	1	1	1	1	0	1
14121	0x3729	1	0	1	1	1	1	1	1	1	0	1
14122	0x372A	1	0	1	1	1	1	1	1	1	0	1
14123	0x372B	1	0	0	0	0	0	0	0	0	0	0
14124	0x372C	1	0	0	0	0	0	0	0	0	0	0
14125	0x372D	1	0	0	0	0	0	0	0	0	0	0
14126	0x372E	1	0	1	1	1	1	1	1	1	0	1
14127	0x372F	1	0	1	1	1	1	1	1	1	1	1
14128	0x3730	1	0	1	1	1	1	1	1	1	0	1
14129	0x3731	1	0	1	1	1	1	1	1	1	1	1
14130	0x3732	1	0	1	1	1	1	1	1	1	0	1
14131	0x3733	1	0	1	1	1	1	1	1	1	0	1
14132	0x3734	1	0	1	1	1	1	1	1	1	1	1
14133	0x3735	1	0	1	1	1	1	1	1	1	0	1
14134	0x3736	1	0	1	1	1	1	1	1	1	1	1
14135	0x3737	1	0	1	1	1	1	1	1	1	0	1
14136	0x3738	1	0	1	1	1	1	1	1	1	0	1
14137	0x3739	1	0	1	1	1	1	1	1	1	0	1
14138	0x373A	1	0	0	0	0	0	0	0	0	0	0
14139	0x373B	1	0	1	1	1	1	1	1	1	0	1

Table 1-6: Event SNMP Traps - DVB (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
14140	0x373C	1	0	1	1	1	1	1	1	1	0	1
14141	0x373D	1	0	1	1	1	1	1	1	1	0	1
14142	0x373E	1	0	1	1	1	1	1	1	1	0	1
14143	0x373F	1	0	1	1	1	1	1	1	1	0	1
14336	0x3800	1	0	0	1	1	1	1	1	1	0	1
14337	0x3801	1	0	0	1	1	1	1	1	1	0	1
14338	0x3802	1	0	0	1	1	1	1	1	1	0	1
14339	0x3803	1	0	0	1	1	1	1	1	1	0	1
14340	0x3804	1	0	0	1	1	1	1	1	1	0	1
14341	0x3805	1	0	0	1	1	1	1	1	1	0	1
14342	0x3806	1	0	0	1	1	1	1	1	1	0	1
14343	0x3807	1	0	0	1	1	1	1	1	1	0	1
14344	0x3808	1	0	0	1	1	1	1	1	1	0	1
14345	0x3809	1	0	0	1	1	1	1	1	1	0	1
14346	0x380A	1	0	0	1	1	1	1	1	1	0	1
14349	0x380D	1	0	0	1	1	1	1	1	1	0	1
14350	0x380E	1	0	0	1	1	1	1	1	1	0	1
14351	0x380F	1	0	0	1	1	1	1	1	1	0	1
14352	0x3810	1	0	0	1	1	1	1	1	1	0	1
14353	0x3811	1	0	0	1	1	1	1	1	1	0	1
14354	0x3812	1	0	0	1	1	1	1	1	1	0	1
14355	0x3813	1	0	0	1	1	1	1	1	1	0	1
14356	0x3814	1	0	0	1	1	1	1	1	1	0	1
14357	0x3815	1	0	0	1	1	1	1	1	1	0	1
14371	0x3823	1	1	1	1	1	1	1	1	1	0	1
14372	0x3824	1	1	1	1	1	1	1	1	1	0	1
14373	0x3825	1	1	0	1	1	1	1	1	1	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0
14376	0x3828	1	1	0	1	1	1	1	1	1	0	1
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14416	0x3850	1	0	0	1	1	1	1	1	1	0	1
14417	0x3851	1	0	0	1	1	0	0	1	1	0	1
14418	0x3852	1	0	0	1	1	1	1	1	1	0	1

Table 1-6: Event SNMP Traps - DVB (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
14419	0x3853	1	0	0	1	1	0	0	1	1	0	1
14420	0x3854	1	0	0	1	1	1	1	1	1	0	1
14421	0x3855	1	0	0	1	1	0	0	1	1	0	1
14422	0x3856	1	0	0	1	1	1	1	1	1	0	1
14423	0x3857	1	0	0	1	1	0	0	1	1	0	1
14672	0x3950	1	0	1	1	1	1	1	1	1	1	1
14673	0x3951	1	0	1	1	1	1	1	1	1	1	1
14674	0x3952	1	0	1	1	1	1	1	1	1	1	1
14675	0x3953	1	0	1	1	1	1	1	1	1	0	1
14676	0x3954	1	0	1	1	1	1	1	1	1	1	1
14677	0x3955	1	0	1	1	1	1	1	1	1	0	1
14678	0x3956	1	0	1	1	1	1	1	1	1	0	1
14679	0x3957	1	0	1	1	1	1	1	1	1	1	1
14680	0x3958	1	0	1	1	1	1	1	1	1	0	1
14681	0x3959	1	0	1	1	1	1	1	1	1	0	1
14682	0x395A	1	0	1	1	1	1	1	1	1	0	1
14683	0x395B	1	0	1	1	1	1	1	1	1	0	1
20992	0x5200	1	1	0	1	1	1	1	1	1	0	1
20993	0x5201	1	1	0	1	1	1	1	1	1	0	1
20994	0x5202	1	1	0	1	1	1	1	1	1	0	1
20995	0x5203	1	0	0	1	1	1	1	1	1	0	1
24592	0x6010	1	0	1	1	1	0	0	1	1	0	1
24608	0x6020	1	0	1	1	1	0	0	1	1	0	1
24624	0x6030	1	0	1	1	1	0	0	1	1	0	1
24640	0x6040	1	0	1	1	1	1	1	1	1	0	1
24848	0x6110	1	0	1	1	1	1	1	1	1	0	1
24864	0x6120	1	0	1	1	1	1	1	1	1	0	1
24880	0x6130	1	0	1	1	1	1	1	1	1	0	1
24896	0x6140	1	0	1	1	1	1	1	1	1	0	1
24912	0x6150	1	0	1	1	1	1	1	1	1	0	1
25104	0x6210	1	0	1	1	1	1	1	1	1	0	1
25120	0x6220	1	0	1	1	1	1	1	1	1	0	1
25136	0x6230	1	0	1	1	1	1	1	1	1	0	1

Table 1-6: Event SNMP Traps - DVB (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
25152	0x6240	1	0	1	1	1	1	1	1	1	0	1
25345	0x6301	1	0	1	1	1	1	1	1	1	0	1
45072	0xB010	1	1	0	1	1	1	1	1	1	0	1
45312	0xB100	1	1	0	1	1	1	1	1	1	0	1
49153	0xC001	1	1	1	1	1	1	1	1	1	0	1
49154	0xC002	1	0	0	1	1	1	1	1	1	0	1
49155	0xC003	1	0	0	1	1	1	1	1	1	0	1
49156	0xC004	1	0	0	1	1	1	1	1	1	0	1
49157	0xC005	1	0	0	1	1	1	1	1	1	0	1
49158	0xC006	1	0	0	1	1	1	1	1	1	0	1
49159	0xC007	1	0	0	1	1	1	1	1	1	0	1
49160	0xC008	1	0	0	1	1	1	1	1	1	0	1
49161	0xC009	1	0	0	1	1	1	1	1	1	0	1
49162	0xC00A	1	0	0	1	1	1	1	1	1	0	1
49163	0xC00B	1	0	0	1	1	1	1	1	1	0	1
49166	0xC00E	1	0	0	1	1	1	1	1	1	0	1
49167	0xC00F	1	0	0	1	1	1	1	1	1	0	1
49168	0xC010	1	0	0	1	1	1	1	1	1	0	1
49169	0xC011	1	0	0	1	1	1	1	1	1	0	1
49170	0xC012	1	0	0	1	1	1	1	1	1	0	1
49171	0xC013	1	0	0	1	1	1	1	1	1	0	1
49172	0xC014	1	0	0	1	1	1	1	1	1	0	1
49173	0xC015	1	0	0	1	1	1	1	1	1	0	1
49174	0xC016	1	0	0	1	1	1	1	1	1	0	1
49175	0xC017	1	1	0	1	1	1	1	1	1	0	1
49176	0xC018	1	1	0	1	1	1	1	1	1	0	1
49177	0xC019	1	1	0	1	1	1	1	1	1	0	1
49178	0xC01A	1	1	0	1	1	1	1	1	1	0	1
49179	0xC01B	1	1	0	1	1	1	1	1	1	0	1
49184	0xC020	1	0	0	1	1	1	1	1	1	0	1
49185	0xC021	1	0	0	1	1	0	0	1	1	0	1
49186	0xC022	1	0	0	1	1	1	1	1	1	0	1
49187	0xC023	1	0	0	1	1	0	0	1	1	0	1

Table 1-6: Event SNMP Traps - DVB (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
49188	0xC024	1	0	0	1	1	1	1	1	1	0	1
49189	0xC025	1	0	0	1	1	0	0	1	1	0	1
49190	0xC026	1	0	0	1	1	1	1	1	1	0	1
49191	0xC027	1	0	0	1	1	0	0	1	1	0	1

Table 1-7: Event SNMP Traps - DCII

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	0	0	0	1	1	0	1
4145	0x1031	1	0	0	1	0	0	0	1	1	0	1
4146	0x1032	1	0	0	1	0	0	0	1	1	0	1
4160	0x1040	1	0	0	1	0	0	0	1	1	0	1
4161	0x1041	1	0	0	1	0	0	0	1	1	0	1
4162	0x1042	1	0	0	1	0	0	0	1	1	0	1
4163	0x1043	1	0	0	1	0	0	0	1	1	0	1
4164	0x1044	1	0	0	1	0	0	0	1	1	0	1
4609	0x1201	1	0	0	1	0	0	0	1	1	0	1
4610	0x1202	1	0	0	1	0	0	0	1	1	0	1
4612	0x1204	0	1	0	1	0	0	0	0	0	0	1
4614	0x1206	1	0	0	1	0	0	0	1	1	0	1
4615	0x1207	0	1	0	1	0	0	0	0	0	0	1
4616	0x1208	0	1	0	1	0	0	0	0	0	0	1
4617	0x1209	0	1	0	1	0	0	0	0	0	0	1
4625	0x1211	1	0	0	1	0	0	0	1	1	0	1
4626	0x1212	1	0	0	1	0	0	0	1	1	0	1
4629	0x1215	1	0	0	1	0	0	0	1	1	0	1
4630	0x1216	1	0	0	1	0	0	0	1	1	0	1
8195	0x2003	1	0	0	1	0	0	0	1	1	0	1
8196	0x2004	1	0	1	1	0	1	1	1	1	1	1
8209	0x2011	1	0	1	1	0	1	1	0	0	0	1

Table 1-7: Event SNMP Traps - DCII (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
12305	0x3011	1	0	0	1	0	0	0	0	0	0	1
12306	0x3012	0	1	0	1	0	0	0	0	0	0	1
12311	0x3017	1	0	1	1	0	1	1	0	0	1	1
12321	0x3021	0	1	0	1	0	0	0	0	0	0	1
12322	0x3022	0	1	1	1	0	0	0	0	0	0	1
12328	0x3028	1	0	1	1	0	1	1	1	1	1	1
12345	0x3039	1	0	1	1	0	1	1	1	1	0	1
12346	0x303A	1	0	1	1	0	0	0	0	1	1	1
12355	0x3043	1	0	1	1	0	1	1	1	1	0	1
12356	0x3044	1	0	1	1	0	1	1	1	1	0	1
12357	0x3045	1	0	1	1	0	1	1	1	1	0	1
12358	0x3046	0	1	0	1	1	0	0	0	0	0	1
12359	0x3047	0	1	0	1	1	0	0	0	0	0	1
12360	0x3048	0	1	0	1	1	0	0	0	0	0	1
12361	0x3049	0	1	0	1	1	0	0	0	0	0	1
12371	0x3053	1	0	0	1	0	0	0	0	0	1	1
12544	0x3100	1	0	1	1	0	0	0	1	1	1	1
12545	0x3101	0	1	1	1	0	0	0	0	0	0	1
12546	0x3102	1	0	1	1	0	0	0	0	0	0	1
12548	0x3104	1	0	1	1	0	0	0	0	0	0	1
12551	0x3107	0	1	1	1	0	0	0	0	0	0	1
12564	0x3114	0	1	0	1	0	0	0	0	0	0	1
12565	0x3115	1	0	1	1	0	1	1	1	1	0	1
12567	0x3117	1	0	1	1	0	1	1	1	1	1	1
12568	0x3118	1	0	1	1	0	1	1	1	1	0	1
12594	0x3132	0	1	0	1	0	1	1	0	0	0	1
12595	0x3133	0	1	0	1	0	1	1	0	0	0	1
12640	0x3160	1	0	1	1	0	1	1	1	1	1	1
13104	0x3330	1	0	0	1	0	0	0	1	1	0	1
13568	0x3500	0	1	0	1	0	0	0	0	0	0	1
13569	0x3501	0	1	0	1	0	0	0	0	0	0	1
13570	0x3502	0	1	0	1	0	0	0	0	0	0	1
13587	0x3513	0	1	0	1	0	0	0	0	0	0	1

Table 1-7: Event SNMP Traps - DCII (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
13588	0x3514	0	1	0	1	0	0	0	0	0	0	1
13589	0x3515	0	1	0	1	0	0	0	0	0	0	1
13590	0x3516	0	1	0	1	0	0	0	0	0	0	1
13591	0x3517	0	1	0	1	0	0	0	0	0	0	1
13592	0x3518	0	1	0	1	0	0	0	0	0	0	1
13824	0x3600	1	0	0	1	0	0	0	1	1	0	1
14120	0x3728	1	0	1	1	0	1	1	1	1	0	1
14145	0x3741	1	0	1	1	0	1	1	1	1	0	1
14146	0x3742	1	0	1	1	0	1	1	1	1	0	1
14147	0x3743	1	0	1	1	0	1	1	1	1	1	1
14148	0x3744	1	0	1	1	0	1	1	1	1	1	1
14336	0x3800	1	0	0	1	0	0	0	1	1	1	1
14337	0x3801	1	0	0	1	0	0	0	1	1	0	1
14338	0x3802	1	0	0	1	0	0	0	1	1	0	1
14339	0x3803	1	0	0	1	0	0	0	1	1	0	1
14340	0x3804	1	0	0	1	0	0	0	1	1	0	1
14341	0x3805	1	0	0	1	0	0	0	1	1	0	1
14342	0x3806	1	0	0	1	0	0	0	1	1	0	1
14343	0x3807	1	0	0	1	0	0	0	1	1	0	1
14344	0x3808	1	0	0	1	0	0	0	1	1	0	1
14345	0x3809	1	0	0	1	0	0	0	1	1	0	1
14346	0x380A	1	0	0	1	0	0	0	1	1	0	1
14349	0x380D	1	0	0	1	0	0	0	1	1	0	1
14350	0x380E	1	0	0	1	0	0	0	1	1	0	1
14351	0x380F	1	0	0	1	0	0	0	1	1	0	1
14352	0x3810	1	0	0	1	0	0	0	1	1	0	1
14353	0x3811	1	0	0	1	0	0	0	1	1	0	1
14354	0x3812	1	0	0	1	0	0	0	1	1	0	1
14355	0x3813	1	0	0	1	0	0	0	1	1	0	1
14356	0x3814	1	0	0	1	0	0	0	1	1	0	1
14357	0x3815	1	0	0	1	0	0	0	1	1	0	1
14371	0x3823	0	1	1	1	0	1	1	1	1	0	1
14372	0x3824	0	1	1	1	0	1	1	1	1	0	1

Table 1-7: Event SNMP Traps - DCII (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
14373	0x3825	0	1	0	1	0	1	1	0	0	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0
14376	0x3828	0	1	0	1	0	1	1	0	1	0	1
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14384	0x3830	1	0	0	1	0	0	0	0	0	0	1
14385	0x3831	1	0	0	1	0	0	0	0	0	0	1
14386	0x3832	1	0	0	1	0	0	0	0	0	0	1
14387	0x3833	1	0	0	1	0	0	0	0	0	0	1
14388	0x3834	1	0	0	1	0	0	0	0	0	0	1
14389	0x3835	1	0	0	1	0	0	0	0	0	0	1
14390	0x3836	0	1	1	1	0	0	0	0	0	0	1
14416	0x3850	1	0	0	1	0	0	0	1	1	0	1
14417	0x3851	1	0	0	1	0	0	0	1	1	0	1
14418	0x3852	1	0	0	1	0	0	0	1	1	1	1
14419	0x3853	1	0	0	1	0	0	0	1	1	0	1
14420	0x3854	1	0	0	1	0	0	0	1	1	0	1
14421	0x3855	1	0	0	1	0	0	0	1	1	0	1
14422	0x3856	1	0	0	1	0	0	0	1	1	0	1
14423	0x3857	1	0	0	1	0	0	0	1	1	0	1
14672	0x3950	1	0	1	1	0	1	1	1	1	0	1
20992	0x5200	0	1	0	1	0	0	0	0	0	0	1
20993	0x5201	0	1	0	1	0	0	0	0	0	0	1
20994	0x5202	0	1	0	1	0	0	0	0	0	0	1
20995	0x5203	1	0	0	1	0	0	0	0	0	0	1
20996	0x5204	0	1	0	1	0	0	0	0	0	0	1
24592	0x6010	1	0	1	1	0	0	0	1	1	0	1
24640	0x6040	1	0	1	1	0	1	1	1	1	0	1
24848	0x6110	1	0	1	1	0	1	1	1	1	0	1
24864	0x6120	1	0	1	1	0	1	1	1	1	0	1
24880	0x6130	1	0	1	1	0	1	1	1	1	1	1
24896	0x6140	1	0	1	1	0	1	1	1	1	0	1
24912	0x6150	1	0	1	1	0	1	1	0	1	0	1
25104	0x6210	1	0	1	1	0	1	1	1	1	0	1

Table 1-7: Event SNMP Traps - DCII (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
25120	0x6220	1	0	1	1	0	1	1	1	1	0	1
25136	0x6230	1	0	1	1	0	1	1	1	1	0	1
25152	0x6240	1	0	1	1	0	1	1	1	1	0	1
25345	0x6301	1	0	1	1	0	1	1	1	1	0	1
45072	0xB010	0	1	0	1	0	0	0	0	0	0	1
45312	0xB100	0	1	0	1	0	0	0	0	0	0	1
49153	0xC001	0	1	1	1	0	1	1	1	1	0	1
49154	0xC002	1	0	0	1	0	0	0	1	1	0	1
49155	0xC003	1	0	0	1	0	0	0	1	1	0	1
49156	0xC004	1	0	0	1	0	0	0	1	1	0	1
49157	0xC005	1	0	0	1	0	0	0	1	1	0	1
49158	0xC006	1	0	0	1	0	0	0	1	1	0	1
49159	0xC007	1	0	0	1	0	0	0	1	1	0	1
49160	0xC008	1	0	0	1	0	0	0	1	1	0	1
49161	0xC009	1	0	0	1	0	0	0	1	1	0	1
49162	0xC00A	1	0	0	1	0	0	0	1	1	0	1
49163	0xC00B	1	0	0	1	0	0	0	1	1	0	1
49166	0xC00E	1	0	0	1	0	0	0	1	1	0	1
49167	0xC00F	1	0	0	1	0	0	0	1	1	0	1
49168	0xC010	1	0	0	1	0	0	0	1	1	0	1
49169	0xC011	1	0	0	1	0	0	0	1	1	0	1
49170	0xC012	1	0	0	1	0	0	0	1	1	0	1
49171	0xC013	1	0	0	1	0	0	0	1	1	0	1
49172	0xC014	1	0	0	1	0	0	0	1	1	0	1
49173	0xC015	1	0	0	1	0	0	0	1	1	0	1
49174	0xC016	1	0	0	1	0	0	0	1	1	0	1
49175	0xC017	0	1	0	1	0	1	1	0	0	0	1
49176	0xC018	0	1	0	1	0	1	1	0	0	0	1
49177	0xC019	0	1	0	1	0	1	1	0	0	0	1
49178	0xC01A	0	1	0	1	0	1	1	0	0	0	1
49179	0xC01B	0	1	0	1	0	1	1	0	0	0	1
49184	0xC020	1	0	0	1	0	0	0	1	1	0	1
49185	0xC021	1	0	0	1	0	0	0	1	1	0	1

Table 1-7: Event SNMP Traps - DCII (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
49186	0xC022	1	0	0	1	0	0	0	1	1	0	1
49187	0xC023	1	0	0	1	0	0	0	1	1	0	1
49188	0xC024	1	0	0	1	0	0	0	1	1	0	1
49189	0xC025	1	0	0	1	0	0	0	1	1	0	1
49190	0xC026	1	0	0	1	0	0	0	1	1	0	1
49191	0xC027	1	0	0	1	0	0	0	1	1	0	1

Table 1-8: Event SNMP Traps - ATSC

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	1	1	1	1	1	0	1
4145	0x1031	1	0	0	1	1	1	1	1	1	0	1
4146	0x1032	1	0	0	1	1	1	1	1	1	0	1
4160	0x1040	1	0	0	1	1	1	1	1	1	0	1
4161	0x1041	1	0	0	1	1	1	1	1	1	0	1
4162	0x1042	1	0	0	1	1	1	1	1	1	0	1
4163	0x1043	1	0	0	1	1	1	1	1	1	0	1
4164	0x1044	1	0	0	1	1	1	1	1	1	0	1
4609	0x1201	1	0	0	1	1	1	1	1	1	0	1
4610	0x1202	1	0	0	1	1	1	1	1	1	0	1
4612	0x1204	1	1	0	1	1	1	1	1	1	0	1
4614	0x1206	1	0	0	1	1	1	1	1	1	0	1
4615	0x1207	1	1	0	1	1	1	1	1	1	0	1
4616	0x1208	1	1	0	1	1	1	1	1	1	0	1
4617	0x1209	1	1	0	1	1	1	1	1	1	0	1
4625	0x1211	1	0	0	1	1	1	1	1	1	0	1
4626	0x1212	1	0	0	1	1	1	1	1	1	0	1
4629	0x1215	1	0	0	1	1	1	1	1	1	0	1
4630	0x1216	1	0	0	1	1	1	1	1	1	0	1
8195	0x2003	1	0	0	1	0	0	0	1	1	0	1

Table 1-8: Event SNMP Traps - ATSC (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
8196	0x2004	1	0	1	1	1	1	1	1	1	1	1
8209	0x2011	1	0	1	1	1	1	1	1	1	0	1
12305	0x3011	1	0	0	1	1	1	1	1	1	1	1
12306	0x3012	1	1	0	1	1	1	1	1	1	0	1
12311	0x3017	1	0	1	1	1	1	1	1	1	1	1
12321	0x3021	1	1	0	1	1	1	1	1	1	0	1
12322	0x3022	1	1	1	1	1	1	1	1	1	0	1
12328	0x3028	1	0	1	1	1	1	1	1	1	1	1
12345	0x3039	1	0	1	1	1	1	1	1	1	0	1
12346	0x303A	1	0	1	1	1	1	1	1	1	1	1
12355	0x3043	1	0	1	1	1	1	1	1	1	0	1
12356	0x3044	1	0	1	1	1	1	1	1	1	0	1
12357	0x3045	1	0	1	1	1	1	1	1	1	0	1
12371	0x3053	1	0	0	1	1	1	1	1	1	1	1
12544	0x3100	1	0	1	1	1	1	1	1	1	1	1
12545	0x3101	1	1	1	1	1	1	1	1	1	0	1
12546	0x3102	1	0	1	1	1	1	1	1	1	0	1
12548	0x3104	1	0	1	1	1	1	1	1	1	0	1
12551	0x3107	1	1	1	1	1	1	1	1	1	0	1
12564	0x3114	1	1	0	1	1	1	1	1	1	0	1
12567	0x3117	1	0	1	1	1	1	1	1	1	0	1
12568	0x3118	1	0	1	1	1	1	1	1	1	1	1
12594	0x3132	1	1	0	1	1	1	1	1	1	0	1
12595	0x3133	1	1	0	1	1	1	1	1	1	0	1
12640	0x3160	1	0	1	1	1	1	1	1	1	1	1
12808	0x3208	1	1	1	1	1	1	1	1	1	0	1
12817	0x3211	1	0	1	1	0	1	1	1	1	1	1
12818	0x3212	1	0	1	1	0	1	1	1	1	0	1
12819	0x3213	1	0	0	0	0	0	0	0	0	0	0
12848	0x3230	1	0	0	1	1	1	1	1	1	0	1
13088	0x3320	1	0	0	1	0	0	0	0	0	0	1
13104	0x3330	1	0	0	1	1	1	1	1	1	1	1
13106	0x3332	1	0	0	1	1	1	1	1	1	0	1

Table 1-8: Event SNMP Traps - ATSC (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
13568	0x3500	1	1	0	1	1	1	1	1	1	0	1
13569	0x3501	1	1	0	1	1	1	1	1	1	0	1
13570	0x3502	1	1	0	1	1	1	1	1	1	0	1
13578	0x350A	1	1	0	1	1	1	1	1	1	0	1
13579	0x350B	1	1	0	1	1	1	1	1	1	0	1
13580	0x350C	1	1	0	1	1	1	1	1	1	0	1
13581	0x350D	1	1	0	1	1	1	1	1	1	0	1
13582	0x350E	1	1	0	1	1	1	1	1	1	0	1
13583	0x350F	1	1	0	1	1	1	1	1	1	0	1
13584	0x3510	1	1	0	1	1	1	1	1	1	0	1
13585	0x3511	1	1	0	1	1	1	1	1	1	0	1
13824	0x3600	1	0	0	1	1	1	1	1	1	0	1
14119	0x3727	1	0	1	1	1	1	1	1	1	0	1
14120	0x3728	1	0	1	1	1	1	1	1	1	0	1
14144	0x3740	1	0	1	1	1	1	1	1	1	0	1
14155	0x374B	1	0	1	1	0	1	1	1	1	0	1
14156	0x374C	1	0	1	1	0	1	1	1	1	0	1
14159	0x374F	1	0	1	1	0	1	1	1	1	0	1
14165	0x3755	1	0	0	1	1	1	1	1	1	0	1
14166	0x3756	1	0	0	1	1	1	1	1	1	0	1
14167	0x3757	1	0	1	1	1	1	1	1	1	0	1
14168	0x3758	1	0	1	1	1	1	1	1	1	0	1
14169	0x3759	1	0	0	1	1	1	1	1	1	0	1
14200	0x3778	1	0	1	1	0	1	1	1	1	0	1
14336	0x3800	1	0	0	1	1	1	1	1	1	1	1
14337	0x3801	1	0	0	1	1	1	1	1	1	0	1
14338	0x3802	1	0	0	1	1	1	1	1	1	0	1
14339	0x3803	1	0	0	1	1	1	1	1	1	0	1
14340	0x3804	1	0	0	1	1	1	1	1	1	0	1
14341	0x3805	1	0	0	1	1	1	1	1	1	0	1
14342	0x3806	1	0	0	1	1	1	1	1	1	0	1
14343	0x3807	1	0	0	1	1	1	1	1	1	0	1
14344	0x3808	1	0	0	1	1	1	1	1	1	0	1

Table 1-8: Event SNMP Traps - ATSC (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
14345	0x3809	1	0	0	1	1	1	1	1	1	0	1
14346	0x380A	1	0	0	1	1	1	1	1	1	0	1
14349	0x380D	1	0	0	1	1	1	1	1	1	0	1
14350	0x380E	1	0	0	1	1	1	1	1	1	0	1
14351	0x380F	1	0	0	1	1	1	1	1	1	0	1
14352	0x3810	1	0	0	1	1	1	1	1	1	0	1
14353	0x3811	1	0	0	1	1	1	1	1	1	0	1
14354	0x3812	1	0	0	1	1	1	1	1	1	0	1
14355	0x3813	1	0	0	1	1	1	1	1	1	0	1
14356	0x3814	1	0	0	1	1	1	1	1	1	0	1
14357	0x3815	1	0	0	1	1	1	1	1	1	0	1
14371	0x3823	1	1	1	1	1	1	1	1	1	0	1
14372	0x3824	1	1	1	1	1	1	1	1	1	0	1
14373	0x3825	1	1	0	1	1	1	1	1	1	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0
14376	0x3828	1	1	0	1	1	1	1	1	1	0	1
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14416	0x3850	1	0	0	1	1	1	1	1	1	0	1
14417	0x3851	1	0	0	1	0	0	0	1	1	0	1
14418	0x3852	1	0	0	1	1	1	1	1	1	0	1
14419	0x3853	1	0	0	1	0	0	0	1	1	0	1
14420	0x3854	1	0	0	1	1	1	1	1	1	0	1
14421	0x3855	1	0	0	1	0	0	0	1	1	0	1
14422	0x3856	1	0	0	1	1	1	1	1	1	0	1
14423	0x3857	1	0	0	1	0	0	0	1	1	0	1
14432	0x3860	1	1	1	1	1	1	1	1	1	0	1
14672	0x3950	1	0	1	1	1	1	1	1	1	0	1
20992	0x5200	1	1	0	1	1	1	1	1	1	0	1
20993	0x5201	1	1	0	1	1	1	1	1	1	0	1
20994	0x5202	1	1	0	1	1	1	1	1	1	0	1
20995	0x5203	1	0	0	1	1	1	1	1	1	0	1
24592	0x6010	1	0	1	1	0	0	0	1	1	0	1
24608	0x6020	1	0	1	1	0	0	0	1	1	0	1

Table 1-8: Event SNMP Traps - ATSC (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
24624	0x6030	1	0	1	1	0	0	0	1	1	0	1
24640	0x6040	1	0	1	1	0	1	1	1	1	0	1
24848	0x6110	1	0	1	1	1	1	1	1	1	0	1
24864	0x6120	1	0	1	1	1	1	1	1	1	0	1
24880	0x6130	1	0	1	1	1	1	1	1	1	0	1
24896	0x6140	1	0	1	1	1	1	1	1	1	0	1
24912	0x6150	1	0	1	1	1	1	1	1	1	0	1
25104	0x6210	1	0	1	1	1	1	1	1	1	0	1
25120	0x6220	1	0	1	1	1	1	1	1	1	0	1
25136	0x6230	1	0	1	1	1	1	1	1	1	0	1
25152	0x6240	1	0	1	1	1	1	1	1	1	0	1
25345	0x6301	1	0	1	1	0	1	1	1	1	0	1
45072	0xB010	1	1	0	1	1	1	1	1	1	0	1
45312	0xB100	1	1	0	1	1	1	1	1	1	0	1
49153	0xC001	1	1	1	1	1	1	1	1	1	0	1
49154	0xC002	1	0	0	1	1	1	1	1	1	0	1
49155	0xC003	1	0	0	1	1	1	1	1	1	0	1
49156	0xC004	1	0	0	1	1	1	1	1	1	0	1
49157	0xC005	1	0	0	1	1	1	1	1	1	0	1
49158	0xC006	1	0	0	1	1	1	1	1	1	0	1
49159	0xC007	1	0	0	1	1	1	1	1	1	0	1
49160	0xC008	1	0	0	1	1	1	1	1	1	0	1
49161	0xC009	1	0	0	1	1	1	1	1	1	0	1
49162	0xC00A	1	0	0	1	1	1	1	1	1	0	1
49163	0xC00B	1	0	0	1	1	1	1	1	1	0	1
49166	0xC00E	1	0	0	1	1	1	1	1	1	0	1
49167	0xC00F	1	0	0	1	1	1	1	1	1	0	1
49168	0xC010	1	0	0	1	1	1	1	1	1	0	1
49169	0xC011	1	0	0	1	1	1	1	1	1	0	1
49170	0xC012	1	0	0	1	1	1	1	1	1	0	1
49171	0xC013	1	0	0	1	1	1	1	1	1	0	1
49172	0xC014	1	0	0	1	1	1	1	1	1	0	1
49173	0xC015	1	0	0	1	1	1	1	1	1	0	1

Table 1-8: Event SNMP Traps - ATSC (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
49174	0xC016	1	0	0	1	1	1	1	1	1	0	1
49175	0xC017	1	1	0	1	1	1	1	1	1	0	1
49176	0xC018	1	1	0	1	1	1	1	1	1	0	1
49177	0xC019	1	1	0	1	1	1	1	1	1	0	1
49178	0xC01A	1	1	0	1	1	1	1	1	1	0	1
49179	0xC01B	1	1	0	1	1	1	1	1	1	0	1
49184	0xC020	1	0	0	1	1	1	1	1	1	0	1
49185	0xC021	1	0	0	1	0	0	0	1	1	0	1
49186	0xC022	1	0	0	1	1	1	1	1	1	0	1
49187	0xC023	1	0	0	1	0	0	0	1	1	0	1
49188	0xC024	1	0	0	1	1	1	1	1	1	0	1
49189	0xC025	1	0	0	1	0	0	0	1	1	0	1
49190	0xC026	1	0	0	1	1	1	1	1	1	0	1
49191	0xC027	1	0	0	1	0	0	0	1	1	0	1

Table 1-9: Event SNMP Traps - ATSC A78

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
12305	0x3011	1	0	0	1	1	1	1	1	1	0	1
12306	0x3012	1	0	0	1	1	1	1	1	1	0	1
12311	0x3017	1	0	1	1	1	1	1	1	1	1	1
12346	0x303A	1	0	1	1	1	1	1	1	1	1	1
12371	0x3053	1	0	0	1	1	1	1	1	1	1	1
12568	0x3118	1	0	1	1	1	1	1	1	1	1	1
12594	0x3132	1	0	1	1	1	1	1	1	1	0	1
12848	0x3230	1	0	0	1	1	1	1	1	1	0	1
13104	0x3330	1	0	0	1	1	1	1	1	1	0	1
13106	0x3332	1	0	0	1	1	1	1	1	1	0	1
13120	0x3340	1	0	1	1	1	1	1	1	1	1	1
13121	0x3341	1	0	1	1	1	1	1	1	1	1	1

Table 1-9: Event SNMP Traps - ATSC A78 (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
13122	0x3342	1	0	1	1	1	1	1	1	1	1	1
13126	0x3346	1	0	1	1	1	1	1	1	1	0	1
13127	0x3347	1	0	1	1	1	1	1	1	1	0	1
13128	0x3348	1	0	1	1	1	1	1	1	1	0	1
13129	0x3349	1	0	1	1	1	1	1	1	1	1	1
13130	0x334A	1	0	1	1	1	1	1	1	1	1	1
13131	0x334B	1	0	1	1	1	1	1	1	1	1	1
13132	0x334C	1	0	1	1	1	1	1	1	1	0	1
13133	0x334D	1	0	1	1	1	1	1	1	1	0	1
13134	0x334E	1	0	1	1	1	1	1	1	1	1	1
13135	0x334F	1	0	1	1	1	1	1	1	1	0	1
13136	0x3350	1	0	1	1	1	1	1	1	1	0	1
13137	0x3351	1	0	1	1	1	1	1	1	1	1	1
13147	0x335B	1	0	1	1	1	1	1	1	1	0	1
13148	0x335C	1	0	1	1	1	1	1	1	1	0	1
13149	0x335D	1	0	1	1	1	1	1	1	1	1	1
13150	0x335E	1	0	1	1	1	1	1	1	1	0	1
13151	0x335F	1	0	1	1	1	1	1	1	1	1	1
13152	0x3360	1	0	1	1	1	1	1	1	1	1	1
13156	0x3364	1	0	1	1	1	1	1	1	1	0	1
13157	0x3365	1	0	1	1	1	1	1	1	1	0	1
13158	0x3366	1	0	1	1	1	1	1	1	1	0	1
13159	0x3367	1	0	1	1	1	1	1	1	1	0	1
13160	0x3368	1	0	1	1	1	1	1	1	1	0	1
13161	0x3369	1	0	1	1	1	1	1	1	1	0	1
13162	0x336A	1	0	1	1	1	1	1	1	1	0	1
13163	0x336B	1	0	1	1	1	1	1	1	1	0	1
13165	0x336D	1	0	1	1	1	1	1	1	1	0	1
13166	0x336E	1	0	0	1	1	1	1	1	1	0	1
13167	0x336F	1	0	0	1	1	1	1	1	1	1	1
13168	0x3370	1	0	0	1	1	1	1	1	1	1	1
13169	0x3371	1	0	0	1	1	1	1	1	1	0	1
13173	0x3375	1	0	0	1	1	1	1	1	1	1	1

Table 1-9: Event SNMP Traps - ATSC A78 (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
13174	0x3376	1	0	0	1	1	1	1	1	1	1	1
13176	0x3378	1	0	1	1	1	1	1	1	1	0	1
13177	0x3379	1	0	1	1	1	1	1	1	1	1	1
13178	0x337A	1	0	1	1	1	1	1	1	1	1	1
13179	0x337B	1	0	1	1	1	1	1	1	1	0	1
13180	0x337C	1	0	1	1	1	1	1	1	1	0	1
13181	0x337D	1	0	1	1	1	1	1	1	1	1	1
13182	0x337E	1	0	1	1	1	1	1	1	1	0	1
13183	0x337F	1	0	1	1	1	1	1	1	1	0	1
13184	0x3380	1	0	1	1	1	1	1	1	1	1	1
13185	0x3381	1	0	1	1	1	1	1	1	1	0	1
13186	0x3382	1	0	1	1	1	1	1	1	1	0	1
13187	0x3383	1	0	1	1	1	1	1	1	1	0	1
13188	0x3384	1	0	0	1	1	1	1	1	1	1	1
13190	0x3386	1	0	0	1	1	1	1	1	1	0	1
13191	0x3387	1	0	0	1	1	1	1	1	1	1	1
13193	0x3389	1	0	1	1	1	1	1	1	1	1	1
13194	0x338A	1	0	1	1	1	1	1	1	1	1	1
13195	0x338B	1	0	1	1	1	1	1	1	1	1	1
13200	0x3390	1	0	0	1	1	1	1	1	1	0	1
13201	0x3391	1	0	0	1	1	1	1	1	1	0	1
13202	0x3392	1	0	0	1	1	1	1	1	1	0	1
13220	0x33A4	1	0	0	1	1	1	1	1	1	0	1
13224	0x33A8	1	0	1	1	1	1	1	1	1	0	1
13225	0x33A9	1	0	1	1	1	1	1	1	1	0	1
13226	0x33AA	1	0	1	1	1	1	1	1	1	0	1
13227	0x33AB	1	0	0	1	1	1	1	1	1	0	1
13578	0x350A	1	0	1	1	1	1	1	1	1	0	1
13581	0x350D	1	0	1	1	1	1	1	1	1	0	1
13824	0x3600	1	0	0	1	1	1	1	1	1	1	1
14336	0x3800	1	0	0	1	1	1	1	1	1	1	1
14432	0x3860	1	0	1	1	1	1	1	1	1	0	1
14466	0x3882	1	0	1	1	1	1	1	1	1	0	1

Table 1-9: Event SNMP Traps - ATSC A78 (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
14468	0x3884	1	0	1	1	1	1	1	1	1	0	1
16454	0x4046	1	0	0	1	1	1	1	1	1	0	1
16456	0x4048	1	0	0	1	1	1	1	1	1	0	1
16457	0x4049	1	0	1	1	1	1	1	1	1	1	1
16458	0x404A	1	0	0	1	1	1	1	1	1	0	1
16459	0x404B	1	0	0	1	1	1	1	1	1	0	1
36872	0x9008	1	0	0	1	1	1	1	1	1	1	1
49153	0xC001	1	0	1	1	1	1	1	1	1	0	1

Table 1-10: Event SNMP Traps - ATSC SCTE142

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
12305	0x3011	1	0	0	1	1	1	1	1	1	0	1
12306	0x3012	1	0	0	1	1	1	1	1	1	0	1
12311	0x3017	1	0	1	1	1	1	1	1	1	1	1
12346	0x303A	1	0	1	1	1	1	1	1	1	1	1
12371	0x3053	1	0	0	1	1	1	1	1	1	1	1
12568	0x3118	1	0	1	1	1	1	1	1	1	1	1
12594	0x3132	1	0	1	1	1	1	1	1	1	0	1
12848	0x3230	1	0	0	1	1	1	1	1	1	0	1
13104	0x3330	1	0	0	1	1	1	1	1	1	0	1
13106	0x3332	1	0	0	1	1	1	1	1	1	0	1
13120	0x3340	1	0	1	1	1	1	1	1	1	1	1
13121	0x3341	1	0	1	1	1	1	1	1	1	1	1
13122	0x3342	1	0	1	1	1	1	1	1	1	1	1
13126	0x3346	1	0	1	1	1	1	1	1	1	0	1
13127	0x3347	1	0	1	1	1	1	1	1	1	0	1
13128	0x3348	1	0	1	1	1	1	1	1	1	0	1
13129	0x3349	1	0	1	1	1	1	1	1	1	1	1
13130	0x334A	1	0	1	1	1	1	1	1	1	1	1

Table 1-10: Event SNMP Traps - ATSC SCTE142 (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
13131	0x334B	1	0	1	1	1	1	1	1	1	1	1
13132	0x334C	1	0	1	1	1	1	1	1	1	0	1
13133	0x334D	1	0	1	1	1	1	1	1	1	0	1
13134	0x334E	1	0	1	1	1	1	1	1	1	1	1
13135	0x334F	1	0	1	1	1	1	1	1	1	0	1
13136	0x3350	1	0	1	1	1	1	1	1	1	0	1
13137	0x3351	1	0	1	1	1	1	1	1	1	1	1
13147	0x335B	1	0	1	1	1	1	1	1	1	0	1
13148	0x335C	1	0	1	1	1	1	1	1	1	0	1
13149	0x335D	1	0	1	1	1	1	1	1	1	1	1
13150	0x335E	1	0	1	1	1	1	1	1	1	0	1
13151	0x335F	1	0	1	1	1	1	1	1	1	1	1
13152	0x3360	1	0	1	1	1	1	1	1	1	1	1
13156	0x3364	1	0	1	1	1	1	1	1	1	0	1
13157	0x3365	1	0	1	1	1	1	1	1	1	0	1
13158	0x3366	1	0	1	1	1	1	1	1	1	0	1
13159	0x3367	1	0	1	1	1	1	1	1	1	0	1
13160	0x3368	1	0	1	1	1	1	1	1	1	0	1
13161	0x3369	1	0	1	1	1	1	1	1	1	0	1
13162	0x336A	1	0	1	1	1	1	1	1	1	0	1
13163	0x336B	1	0	1	1	1	1	1	1	1	0	1
13165	0x336D	1	0	1	1	1	1	1	1	1	0	1
13166	0x336E	1	0	0	1	1	1	1	1	1	0	1
13167	0x336F	1	0	0	1	1	1	1	1	1	1	1
13168	0x3370	1	0	0	1	1	1	1	1	1	1	1
13169	0x3371	1	0	0	1	1	1	1	1	1	0	1
13173	0x3375	1	0	0	1	1	1	1	1	1	1	1
13174	0x3376	1	0	0	1	1	1	1	1	1	1	1
13176	0x3378	1	0	1	1	1	1	1	1	1	0	1
13177	0x3379	1	0	1	1	1	1	1	1	1	1	1
13178	0x337A	1	0	1	1	1	1	1	1	1	1	1
13179	0x337B	1	0	1	1	1	1	1	1	1	0	1
13180	0x337C	1	0	1	1	1	1	1	1	1	0	1

Table 1- 10: Event SNMP Traps - ATSC SCTE142 (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
13181	0x337D	1	0	1	1	1	1	1	1	1	1	1
13182	0x337E	1	0	1	1	1	1	1	1	1	0	1
13183	0x337F	1	0	1	1	1	1	1	1	1	0	1
13184	0x3380	1	0	1	1	1	1	1	1	1	1	1
13185	0x3381	1	0	1	1	1	1	1	1	1	0	1
13186	0x3382	1	0	1	1	1	1	1	1	1	0	1
13187	0x3383	1	0	1	1	1	1	1	1	1	0	1
13188	0x3384	1	0	0	1	1	1	1	1	1	1	1
13190	0x3386	1	0	0	1	1	1	1	1	1	0	1
13191	0x3387	1	0	0	1	1	1	1	1	1	1	1
13193	0x3389	1	0	1	1	1	1	1	1	1	1	1
13194	0x338A	1	0	1	1	1	1	1	1	1	1	1
13195	0x338B	1	0	1	1	1	1	1	1	1	1	1
13200	0x3390	1	0	0	1	1	1	1	1	1	0	1
13201	0x3391	1	0	0	1	1	1	1	1	1	0	1
13202	0x3392	1	0	0	1	1	1	1	1	1	0	1
13220	0x33A4	1	0	0	1	1	1	1	1	1	0	1
13224	0x33A8	1	0	1	1	1	1	1	1	1	0	1
13225	0x33A9	1	0	1	1	1	1	1	1	1	0	1
13226	0x33AA	1	0	1	1	1	1	1	1	1	0	1
13227	0x33AB	1	0	0	1	1	1	1	1	1	0	1
13578	0x350A	1	0	1	1	1	1	1	1	1	0	1
13581	0x350D	1	0	1	1	1	1	1	1	1	0	1
13824	0x3600	1	0	0	1	1	1	1	1	1	1	1
14336	0x3800	1	0	0	1	1	1	1	1	1	1	1
14432	0x3860	1	0	1	1	1	1	1	1	1	0	1
14466	0x3882	1	0	1	1	1	1	1	1	1	0	1
14468	0x3884	1	0	1	1	1	1	1	1	1	0	1
16454	0x4046	1	0	0	1	1	1	1	1	1	0	1
16456	0x4048	1	0	0	1	1	1	1	1	1	0	1
16457	0x4049	1	0	1	1	1	1	1	1	1	1	1
16458	0x404A	1	0	0	1	1	1	1	1	1	0	1
16459	0x404B	1	0	0	1	1	1	1	1	1	0	1

Table 1-10: Event SNMP Traps - ATSC SCTE142 (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
36872	0x9008	1	0	0	1	1	1	1	1	1	1	1
49153	0xC001	1	0	1	1	1	1	1	1	1	0	1

Table 1-11: Event SNMP Traps - ISDB-S

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	1	0	0	1	1	0	1
4145	0x1031	1	0	0	1	1	0	0	1	1	0	1
4146	0x1032	1	0	0	1	1	0	0	1	1	0	1
4160	0x1040	1	0	0	1	1	0	0	1	1	0	1
4161	0x1041	1	0	0	1	1	0	0	1	1	0	1
4162	0x1042	1	0	0	1	1	0	0	1	1	0	1
4163	0x1043	1	0	0	1	1	0	0	1	1	0	1
4164	0x1044	1	0	0	1	1	0	0	1	1	0	1
4609	0x1201	1	0	0	1	1	0	0	1	1	0	1
4610	0x1202	1	0	0	1	1	0	0	1	1	0	1
4612	0x1204	0	1	0	1	1	0	0	0	0	0	1
4614	0x1206	1	0	0	1	1	0	0	1	1	0	1
4615	0x1207	0	1	0	1	1	0	0	0	0	0	1
4616	0x1208	0	1	0	1	1	0	0	0	0	0	1
4617	0x1209	0	1	0	1	1	0	0	0	0	0	1
4625	0x1211	1	0	0	1	1	0	0	1	1	0	1
4626	0x1212	1	0	0	1	1	0	0	1	1	0	1
4629	0x1215	1	0	0	1	1	0	0	1	1	0	1
4630	0x1216	1	0	0	1	1	0	0	1	1	0	1
8195	0x2003	1	0	0	1	0	0	0	1	1	0	1
8196	0x2004	1	0	1	1	1	0	1	1	1	1	1
8209	0x2011	1	0	1	1	1	0	1	0	0	0	1
12305	0x3011	1	0	0	1	1	0	0	0	0	1	1
12306	0x3012	0	1	0	1	1	0	0	0	0	0	1

Table 1- 11: Event SNMP Traps - ISDB- S (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
12311	0x3017	1	0	1	1	1	1	1	0	0	1	1
12321	0x3021	0	1	1	1	1	0	0	0	0	0	1
12322	0x3022	0	1	1	1	1	0	1	0	0	0	1
12328	0x3028	1	0	1	1	1	0	0	1	1	0	1
12345	0x3039	1	0	1	1	1	1	1	1	1	0	1
12346	0x303A	1	0	1	1	1	0	0	0	1	1	1
12355	0x3043	1	0	1	1	1	0	0	1	1	0	1
12356	0x3044	1	0	1	1	1	0	0	1	1	0	1
12357	0x3045	1	0	1	1	1	0	0	1	1	0	1
12370	0x3052	0	1	1	1	1	0	1	0	0	0	1
12371	0x3053	1	0	0	1	1	0	0	0	0	1	1
12544	0x3100	1	0	1	1	1	0	0	1	1	1	1
12545	0x3101	0	1	1	1	1	0	0	0	0	0	1
12546	0x3102	1	0	1	1	1	0	0	0	0	0	1
12548	0x3104	1	0	1	1	1	0	0	0	0	0	1
12550	0x3106	0	1	1	1	1	0	0	0	0	0	1
12551	0x3107	0	1	1	1	1	0	0	0	0	0	1
12553	0x3109	0	1	1	1	1	0	0	0	0	0	1
12561	0x3111	0	1	1	1	1	0	0	0	0	0	1
12564	0x3114	0	1	0	1	1	0	0	0	0	0	1
12567	0x3117	1	0	1	1	1	0	0	1	1	0	1
12568	0x3118	1	0	1	1	1	0	0	1	1	1	1
12569	0x3119	0	1	1	1	1	0	0	0	0	0	1
12575	0x311F	0	1	1	1	1	0	0	0	0	0	1
12582	0x3126	0	1	1	1	1	0	0	0	0	0	1
12594	0x3132	0	1	0	1	1	1	1	0	0	0	1
12595	0x3133	0	1	0	1	1	1	1	0	0	0	1
12640	0x3160	1	0	1	1	1	0	1	1	1	1	1
13104	0x3330	1	0	0	1	1	0	0	1	1	1	1
13105	0x3331	1	0	0	1	1	0	0	1	1	0	1
13568	0x3500	0	1	0	1	1	0	0	0	0	0	1
13569	0x3501	0	1	0	1	1	0	0	0	0	0	1
13570	0x3502	0	1	0	1	1	0	0	0	0	0	1

Table 1- 11: Event SNMP Traps - ISDB-S (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
13571	0x3503	0	1	0	1	1	0	0	0	0	0	1
13572	0x3504	0	1	0	1	1	0	0	0	0	0	1
13573	0x3505	0	1	0	1	1	0	0	0	0	0	1
13574	0x3506	0	1	0	1	1	0	0	0	0	0	1
13575	0x3507	0	1	1	1	1	0	1	0	0	0	1
13576	0x3508	0	1	0	1	1	0	0	0	0	0	1
13577	0x3509	0	1	0	1	1	0	0	0	0	0	1
13598	0x351E	0	1	0	1	1	0	0	0	0	0	1
13599	0x351F	0	1	0	1	1	0	0	0	0	0	1
13824	0x3600	1	0	0	1	1	0	0	1	1	1	1
14085	0x3705	1	0	1	1	1	1	1	1	1	0	1
14091	0x370B	1	0	1	1	1	1	1	1	1	1	1
14111	0x371F	1	0	1	1	1	1	1	1	1	0	1
14120	0x3728	1	0	1	1	1	0	1	1	1	1	1
14121	0x3729	1	0	1	1	1	1	1	1	1	0	1
14122	0x372A	1	0	1	1	1	1	1	1	1	0	1
14123	0x372B	1	0	0	0	0	0	0	0	0	0	0
14124	0x372C	1	0	0	0	0	0	0	0	0	0	0
14125	0x372D	1	0	0	0	0	0	0	0	0	0	0
14126	0x372E	1	0	1	1	1	1	1	1	1	0	1
14127	0x372F	1	0	1	1	1	1	1	1	1	1	1
14128	0x3730	1	0	0	0	0	0	0	0	0	0	0
14129	0x3731	1	0	0	0	0	0	0	0	0	0	0
14130	0x3732	1	0	0	0	0	0	0	0	0	0	0
14131	0x3733	1	0	1	1	0	1	1	1	1	0	1
14133	0x3735	1	0	1	1	0	1	1	1	1	0	1
14139	0x373B	1	0	0	0	0	0	0	0	0	0	0
14140	0x373C	1	0	1	1	1	1	1	1	1	0	1
14141	0x373D	1	0	1	1	1	1	1	1	1	0	1
14142	0x373E	1	0	0	0	0	0	0	0	0	0	0
14143	0x373F	1	0	0	0	0	0	0	0	0	0	0
14147	0x3743	1	0	1	1	1	1	1	1	1	0	1
14148	0x3744	1	0	1	1	1	1	1	1	1	0	1

Table 1- 11: Event SNMP Traps - ISDB- S (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
14159	0x374F	1	0	0	0	0	0	0	0	0	0	0
14200	0x3778	1	0	0	0	0	0	0	0	0	0	0
14208	0x3780	0	1	1	1	1	0	0	0	0	0	1
14209	0x3781	0	1	1	1	1	0	0	0	0	0	1
14225	0x3791	0	1	0	1	1	0	0	0	0	0	1
14226	0x3792	0	1	0	1	1	0	0	0	0	0	1
14233	0x3799	0	1	0	1	1	0	0	0	0	0	1
14318	0x37EE	1	0	0	0	0	0	0	0	0	0	0
14319	0x37EF	1	0	0	0	0	0	0	0	0	0	0
14336	0x3800	1	0	0	1	1	0	0	1	1	1	1
14337	0x3801	1	0	0	1	1	0	0	1	1	0	1
14338	0x3802	1	0	0	1	1	0	0	1	1	0	1
14339	0x3803	1	0	0	1	1	0	0	1	1	0	1
14340	0x3804	1	0	0	1	1	0	0	1	1	0	1
14341	0x3805	1	0	0	1	1	0	0	1	1	0	1
14342	0x3806	1	0	0	1	1	0	0	1	1	0	1
14343	0x3807	1	0	0	1	1	0	0	1	1	0	1
14344	0x3808	1	0	0	1	1	0	0	1	1	0	1
14345	0x3809	1	0	0	1	1	0	0	1	1	0	1
14346	0x380A	1	0	0	1	1	0	0	1	1	0	1
14349	0x380D	1	0	0	1	1	0	0	1	1	0	1
14350	0x380E	1	0	0	1	1	0	0	1	1	0	1
14351	0x380F	1	0	0	1	1	0	0	1	1	0	1
14352	0x3810	1	0	0	1	1	0	0	1	1	0	1
14353	0x3811	1	0	0	1	1	0	0	1	1	0	1
14354	0x3812	1	0	0	1	1	0	0	1	1	0	1
14355	0x3813	1	0	0	1	1	0	0	1	1	0	1
14356	0x3814	1	0	0	1	1	0	0	1	1	0	1
14357	0x3815	1	0	0	1	1	0	0	1	1	0	1
14371	0x3823	0	1	1	1	1	1	1	1	1	0	1
14372	0x3824	0	1	1	1	1	1	1	1	1	0	1
14373	0x3825	0	1	0	1	1	1	1	0	0	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0

Table 1- 11: Event SNMP Traps - ISDB-S (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
14376	0x3828	0	1	0	1	1	1	1	0	1	0	1
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14416	0x3850	1	0	0	1	1	0	0	1	1	0	1
14417	0x3851	1	0	0	1	1	0	0	1	1	0	1
14418	0x3852	1	0	0	1	1	0	0	1	1	0	1
14419	0x3853	1	0	0	1	1	0	0	1	1	0	1
14420	0x3854	1	0	0	1	1	0	0	1	1	0	1
14421	0x3855	1	0	0	1	1	0	0	1	1	0	1
14422	0x3856	1	0	0	1	1	0	0	1	1	0	1
14423	0x3857	1	0	0	1	1	0	0	1	1	0	1
14597	0x3905	1	1	0	1	0	0	1	1	1	0	1
14601	0x3909	1	0	1	1	0	0	1	1	1	0	1
14605	0x390D	1	0	1	1	0	0	1	1	1	0	1
14607	0x390F	1	0	1	1	0	0	1	1	1	0	1
14672	0x3950	1	0	1	1	1	1	1	1	1	1	1
14673	0x3951	1	0	1	1	1	0	0	1	1	0	1
14674	0x3952	1	0	1	1	1	0	0	1	1	1	1
14675	0x3953	1	0	1	1	1	0	0	1	1	1	1
14676	0x3954	1	0	1	1	1	0	0	1	1	0	1
14682	0x395A	1	0	1	1	1	1	1	1	1	0	1
20992	0x5200	0	1	0	1	1	0	0	0	0	0	1
20993	0x5201	0	1	0	1	1	0	0	0	0	0	1
20994	0x5202	0	1	0	1	1	0	0	0	0	0	1
20995	0x5203	1	0	0	1	1	0	0	0	0	0	1
24592	0x6010	1	0	1	1	0	0	0	1	1	0	1
24608	0x6020	1	0	1	1	0	0	0	1	1	0	1
24624	0x6030	1	0	1	1	0	0	0	1	1	0	1
24640	0x6040	1	0	1	1	0	1	1	1	1	0	1
24848	0x6110	1	0	1	1	1	1	1	1	1	0	1
24864	0x6120	1	0	1	1	1	1	1	1	1	0	1
24880	0x6130	1	0	1	1	1	1	1	1	1	0	1
24896	0x6140	1	0	1	1	1	1	1	1	1	0	1
24912	0x6150	1	0	1	1	1	1	1	0	1	0	1

Table 1- 11: Event SNMP Traps - ISDB- S (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
25104	0x6210	1	0	1	1	1	1	1	1	1	0	1
25120	0x6220	1	0	1	1	0	1	1	1	1	0	1
25136	0x6230	1	0	1	1	1	1	1	1	1	0	1
25152	0x6240	1	0	1	1	1	1	1	1	1	0	1
25345	0x6301	1	0	1	1	1	1	1	1	1	0	1
45072	0xB010	0	1	0	1	1	0	0	0	0	0	1
45312	0xB100	0	1	0	1	1	0	0	0	0	0	1
49153	0xC001	0	1	1	1	1	1	1	1	1	0	1
49154	0xC002	1	0	0	1	1	0	0	1	1	0	1
49155	0xC003	1	0	0	1	1	0	0	1	1	0	1
49156	0xC004	1	0	0	1	1	0	0	1	1	0	1
49157	0xC005	1	0	0	1	1	0	0	1	1	0	1
49158	0xC006	1	0	0	1	1	0	0	1	1	0	1
49159	0xC007	1	0	0	1	1	0	0	1	1	0	1
49160	0xC008	1	0	0	1	1	0	0	1	1	0	1
49161	0xC009	1	0	0	1	1	0	0	1	1	0	1
49162	0xC00A	1	0	0	1	1	0	0	1	1	0	1
49163	0xC00B	1	0	0	1	1	0	0	1	1	0	1
49166	0xC00E	1	0	0	1	1	0	0	1	1	0	1
49167	0xC00F	1	0	0	1	1	0	0	1	1	0	1
49168	0xC010	1	0	0	1	1	0	0	1	1	0	1
49169	0xC011	1	0	0	1	1	0	0	1	1	0	1
49170	0xC012	1	0	0	1	1	0	0	1	1	0	1
49171	0xC013	1	0	0	1	1	0	0	1	1	0	1
49172	0xC014	1	0	0	1	1	0	0	1	1	0	1
49173	0xC015	1	0	0	1	1	0	0	1	1	0	1
49174	0xC016	1	0	0	1	1	0	0	1	1	0	1
49175	0xC017	0	1	0	1	1	1	1	0	0	0	1
49176	0xC018	0	1	0	1	1	1	1	0	0	0	1
49177	0xC019	0	1	0	1	1	1	1	0	0	0	1
49178	0xC01A	0	1	0	1	1	1	1	0	0	0	1
49179	0xC01B	0	1	0	1	1	1	1	0	0	0	1
49184	0xC020	1	0	0	1	1	0	0	1	1	0	1

Table 1- 11: Event SNMP Traps - ISDB-S (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
49185	0xC021	1	0	0	1	1	0	0	1	1	0	1
49186	0xC022	1	0	0	1	1	0	0	1	1	0	1
49187	0xC023	1	0	0	1	1	0	0	1	1	0	1
49188	0xC024	1	0	0	1	1	0	0	1	1	0	1
49189	0xC025	1	0	0	1	1	0	0	1	1	0	1
49190	0xC026	1	0	0	1	1	0	0	1	1	0	1
49191	0xC027	1	0	0	1	1	0	0	1	1	0	1

Table 1- 12: Event SNMP Traps - ISDB-T

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	1	0	0	1	1	0	1
4145	0x1031	1	0	0	1	1	0	0	1	1	0	1
4146	0x1032	1	0	0	1	1	0	0	1	1	0	1
4160	0x1040	1	0	0	1	1	0	0	1	1	0	1
4161	0x1041	1	0	0	1	1	0	0	1	1	0	1
4162	0x1042	1	0	0	1	1	0	0	1	1	0	1
4163	0x1043	1	0	0	1	1	0	0	1	1	0	1
4164	0x1044	1	0	0	1	1	0	0	1	1	0	1
4609	0x1201	1	0	0	1	1	0	0	1	1	0	1
4610	0x1202	1	0	0	1	1	0	0	1	1	0	1
4612	0x1204	0	1	0	1	1	0	0	0	0	0	1
4614	0x1206	1	0	0	1	1	0	0	1	1	0	1
4615	0x1207	0	1	0	1	1	0	0	0	0	0	1
4616	0x1208	0	1	0	1	1	0	0	0	0	0	1
4617	0x1209	0	1	0	1	1	0	0	0	0	0	1
4625	0x1211	1	0	0	1	1	0	0	1	1	0	1
4626	0x1212	1	0	0	1	1	0	0	1	1	0	1
4629	0x1215	1	0	0	1	1	0	0	1	1	0	1
4630	0x1216	1	0	0	1	1	0	0	1	1	0	1

Table 1- 12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
8195	0x2003	1	0	0	1	1	0	0	1	1	0	1
8196	0x2004	1	0	1	1	1	0	1	1	1	1	1
8209	0x2011	1	0	1	1	1	0	1	0	0	0	1
12305	0x3011	1	0	0	1	1	0	0	0	0	0	1
12306	0x3012	0	1	0	1	1	0	0	0	0	0	1
12311	0x3017	1	0	1	1	1	1	1	0	0	1	1
12321	0x3021	0	1	1	1	1	0	0	0	0	0	1
12322	0x3022	0	1	1	1	1	0	1	0	0	0	1
12328	0x3028	1	0	1	1	1	0	0	1	1	0	1
12345	0x3039	1	0	1	1	1	1	1	1	1	0	1
12346	0x303A	1	0	1	1	1	0	0	0	1	1	1
12355	0x3043	1	0	1	1	1	0	0	1	1	0	1
12356	0x3044	1	0	1	1	1	0	0	1	1	0	1
12357	0x3045	1	0	1	1	1	0	0	1	1	0	1
12370	0x3052	0	1	0	1	1	0	1	0	0	0	1
12371	0x3053	1	0	0	1	1	0	0	0	0	0	1
12544	0x3100	1	0	1	1	1	0	0	1	1	1	1
12545	0x3101	0	1	1	1	1	0	0	0	0	0	1
12546	0x3102	1	0	1	1	1	0	0	0	0	0	1
12548	0x3104	1	0	1	1	1	0	1	0	0	0	1
12550	0x3106	0	1	1	1	1	0	0	0	0	0	1
12551	0x3107	0	1	1	1	1	0	0	0	0	0	1
12553	0x3109	0	1	1	1	1	0	0	0	0	0	1
12564	0x3114	0	1	0	1	1	0	0	0	0	0	1
12567	0x3117	1	0	1	1	1	0	0	1	1	0	1
12568	0x3118	1	0	1	1	1	0	0	1	1	0	1
12569	0x3119	0	1	1	1	1	0	0	0	0	0	1
12570	0x311A	0	1	1	1	1	0	0	0	0	0	1
12571	0x311B	0	1	1	1	1	0	0	0	0	0	1
12572	0x311C	0	1	1	1	1	0	0	0	0	0	1
12573	0x311D	0	1	1	1	1	0	0	0	0	0	1
12574	0x311E	0	1	1	1	1	0	0	0	0	0	1
12575	0x311F	0	1	1	1	1	0	0	0	0	0	1

Table 1-12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
12582	0x3126	0	1	1	1	1	0	0	0	0	0	1
12594	0x3132	0	1	0	1	1	1	1	0	0	0	1
12595	0x3133	0	1	0	1	1	1	1	0	0	0	1
12640	0x3160	1	0	1	1	1	0	1	1	1	0	1
13104	0x3330	1	0	0	1	1	0	0	1	1	0	1
13105	0x3331	1	0	0	1	1	0	0	1	1	0	1
13568	0x3500	0	1	0	1	1	0	0	0	0	0	1
13569	0x3501	0	1	0	1	1	0	0	0	0	0	1
13570	0x3502	0	1	0	1	1	0	0	0	0	0	1
13571	0x3503	0	1	0	1	1	0	0	0	0	0	1
13572	0x3504	0	1	0	1	1	0	0	0	0	0	1
13573	0x3505	0	1	0	1	1	0	0	0	0	0	1
13575	0x3507	0	1	0	1	1	0	0	0	0	0	1
13576	0x3508	0	1	0	1	1	0	0	0	0	0	1
13577	0x3509	0	1	1	1	1	0	1	0	0	0	1
13593	0x3519	0	1	0	1	1	0	0	0	0	0	1
13594	0x351A	0	1	0	1	1	0	0	0	0	0	1
13595	0x351B	0	1	0	1	1	0	0	0	0	0	1
13596	0x351C	0	1	0	1	1	0	0	0	0	0	1
13597	0x351D	0	1	0	1	1	0	0	0	0	0	1
13598	0x351E	0	1	0	1	1	0	0	0	0	0	1
13599	0x351F	0	1	1	1	1	0	1	0	0	0	1
13824	0x3600	1	0	0	1	1	0	0	1	1	0	1
14085	0x3705	1	0	1	1	1	1	1	1	1	0	1
14091	0x370B	1	0	1	1	1	1	1	1	1	0	1
14111	0x371F	1	0	1	1	1	1	1	1	1	0	1
14120	0x3728	1	0	1	1	1	0	1	1	1	1	1
14121	0x3729	1	0	1	1	1	1	1	1	1	0	1
14122	0x372A	1	0	1	1	1	1	1	1	1	0	1
14123	0x372B	1	0	0	0	0	0	0	0	0	0	0
14124	0x372C	1	0	0	0	0	0	0	0	0	0	0
14125	0x372D	1	0	0	0	0	0	0	0	0	0	0
14126	0x372E	1	0	1	1	1	1	1	1	1	0	1

Table 1- 12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
14127	0x372F	1	0	1	1	1	1	1	1	1	0	1
14128	0x3730	1	0	0	0	0	0	0	0	0	0	0
14129	0x3731	1	0	0	0	0	0	0	0	0	0	0
14130	0x3732	1	0	0	0	0	0	0	0	0	0	0
14139	0x373B	1	0	1	1	1	1	1	1	1	0	1
14140	0x373C	1	0	0	0	0	0	0	0	0	0	0
14141	0x373D	1	0	1	1	1	1	1	1	1	0	1
14142	0x373E	1	0	0	0	0	0	0	0	0	0	0
14143	0x373F	1	0	0	0	0	0	0	0	0	0	0
14145	0x3741	1	0	0	0	0	0	0	0	0	0	0
14146	0x3742	1	0	0	0	0	0	0	0	0	0	0
14147	0x3743	1	0	1	1	1	1	1	1	1	0	1
14148	0x3744	1	0	1	1	1	1	1	1	1	0	1
14157	0x374D	1	0	0	0	0	0	0	0	0	0	0
14158	0x374E	1	0	0	0	0	0	0	0	0	0	0
14159	0x374F	1	0	0	0	0	0	0	0	0	0	0
14200	0x3778	1	0	0	0	0	0	0	0	0	0	0
14209	0x3781	0	1	1	1	1	0	0	0	0	0	1
14226	0x3792	0	1	0	1	1	0	0	0	0	0	1
14233	0x3799	0	1	0	1	1	0	0	0	0	0	1
14234	0x379A	1	0	1	1	1	0	0	0	0	0	1
14235	0x379B	1	0	1	1	1	0	0	0	0	0	1
14236	0x379C	1	0	1	1	1	0	0	0	0	0	1
14238	0x379E	1	0	1	1	1	0	0	0	0	0	1
14239	0x379F	1	0	1	1	1	0	0	0	0	0	1
14240	0x37A0	1	0	1	1	1	0	0	0	0	0	1
14242	0x37A2	1	0	0	1	1	0	0	0	0	0	1
14243	0x37A3	1	0	0	1	1	0	0	0	0	0	1
14245	0x37A5	1	0	0	1	1	0	0	0	0	0	1
14246	0x37A6	1	0	0	1	1	0	1	0	0	0	1
14248	0x37A8	1	0	1	1	1	1	1	0	0	0	1
14257	0x37B1	1	0	0	1	1	0	0	1	1	0	1
14258	0x37B2	1	0	1	1	1	0	0	0	0	0	1

Table 1- 12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh- old identity	Actual	Duration	Stream
14259	0x37B3	1	0	1	1	1	0	0	0	0	0	1
14273	0x37C1	1	0	1	1	1	0	0	0	0	0	1
14274	0x37C2	1	0	1	1	1	0	0	1	0	0	1
14275	0x37C3	1	0	1	1	1	0	0	0	0	0	1
14276	0x37C4	1	0	0	1	1	1	1	1	1	0	1
14277	0x37C5	1	0	0	1	1	0	0	1	1	0	1
14288	0x37D0	1	0	0	0	0	0	0	0	0	0	0
14289	0x37D1	1	0	0	0	0	0	0	0	0	0	0
14290	0x37D2	1	0	0	0	0	0	0	0	0	0	0
14291	0x37D3	1	0	0	0	0	0	0	0	0	0	0
14292	0x37D4	1	0	0	0	0	0	0	0	0	0	0
14293	0x37D5	1	0	0	0	0	0	0	0	0	0	0
14294	0x37D6	1	0	0	0	0	0	0	0	0	0	0
14295	0x37D7	1	0	0	0	0	0	0	0	0	0	0
14296	0x37D8	1	0	0	0	0	0	0	0	0	0	0
14297	0x37D9	1	0	0	0	0	0	0	0	0	0	0
14298	0x37DA	1	0	0	0	0	0	0	0	0	0	0
14299	0x37DB	1	0	0	0	0	0	0	0	0	0	0
14300	0x37DC	1	0	0	0	0	0	0	0	0	0	0
14301	0x37DD	1	0	0	0	0	0	0	0	0	0	0
14302	0x37DE	1	0	0	0	0	0	0	0	0	0	0
14303	0x37DF	1	0	0	0	0	0	0	0	0	0	0
14304	0x37E0	1	0	0	0	0	0	0	0	0	0	0
14305	0x37E1	1	0	0	0	0	0	0	0	0	0	0
14306	0x37E2	1	0	0	0	0	0	0	0	0	0	0
14307	0x37E3	1	0	0	0	0	0	0	0	0	0	0
14308	0x37E4	1	0	0	0	0	0	0	0	0	0	0
14309	0x37E5	1	0	0	0	0	0	0	0	0	0	0
14310	0x37E6	1	0	0	0	0	0	0	0	0	0	0
14311	0x37E7	1	0	0	0	0	0	0	0	0	0	0
14314	0x37EA	1	0	0	0	0	0	0	0	0	0	0
14315	0x37EB	1	0	0	0	0	0	0	0	0	0	0
14318	0x37EE	1	0	0	0	0	0	0	0	0	0	0

Table 1- 12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
14319	0x37EF	1	0	0	0	0	0	0	0	0	0	0
14320	0x37F0	0	1	0	1	1	0	0	0	0	0	1
14321	0x37F1	0	1	0	1	1	0	0	0	0	0	1
14336	0x3800	1	0	0	1	1	0	0	1	1	1	1
14337	0x3801	1	0	0	1	1	0	0	1	1	0	1
14338	0x3802	1	0	0	1	1	0	0	1	1	0	1
14339	0x3803	1	0	0	1	1	0	0	1	1	0	1
14340	0x3804	1	0	0	1	1	0	0	1	1	0	1
14341	0x3805	1	0	0	1	1	0	0	1	1	0	1
14342	0x3806	1	0	0	1	1	0	0	1	1	0	1
14343	0x3807	1	0	0	1	1	0	0	1	1	0	1
14344	0x3808	1	0	0	1	1	0	0	1	1	0	1
14345	0x3809	1	0	0	1	1	0	0	1	1	0	1
14346	0x380A	1	0	0	1	1	0	0	1	1	0	1
14349	0x380D	1	0	0	1	1	0	0	1	1	0	1
14350	0x380E	1	0	0	1	1	0	0	1	1	0	1
14351	0x380F	1	0	0	1	1	0	0	1	1	0	1
14352	0x3810	1	0	0	1	1	0	0	1	1	0	1
14353	0x3811	1	0	0	1	1	0	0	1	1	0	1
14354	0x3812	1	0	0	1	1	0	0	1	1	0	1
14355	0x3813	1	0	0	1	1	0	0	1	1	0	1
14356	0x3814	1	0	0	1	1	0	0	1	1	0	1
14357	0x3815	1	0	0	1	1	0	0	1	1	0	1
14371	0x3823	0	1	1	1	1	1	1	1	1	0	1
14372	0x3824	0	1	1	1	1	1	1	1	1	0	1
14373	0x3825	0	1	0	1	1	1	1	0	0	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0
14376	0x3828	0	1	0	1	1	1	1	0	1	0	1
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14416	0x3850	1	0	0	1	1	0	0	1	1	0	1
14417	0x3851	1	0	0	1	1	0	0	1	1	0	1
14418	0x3852	1	0	0	1	1	0	0	1	1	0	1
14419	0x3853	1	0	0	1	1	0	0	1	1	0	1

Table 1-12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
14420	0x3854	1	0	0	1	1	0	0	1	1	0	1
14421	0x3855	1	0	0	1	1	0	0	1	1	0	1
14422	0x3856	1	0	0	1	1	0	0	1	1	0	1
14423	0x3857	1	0	0	1	1	0	0	1	1	0	1
14597	0x3905	1	0	0	0	0	0	0	0	0	0	0
14601	0x3909	1	0	0	0	0	0	0	0	0	0	0
14605	0x390D	1	0	0	0	0	0	0	0	0	0	0
14607	0x390F	1	0	0	0	0	0	0	0	0	0	0
14672	0x3950	1	0	1	1	1	1	1	1	1	1	1
14673	0x3951	1	0	1	1	1	0	0	1	1	0	1
14674	0x3952	1	0	1	1	1	0	0	1	1	0	1
14675	0x3953	1	0	1	1	1	0	0	1	1	0	1
14676	0x3954	1	0	1	1	1	0	0	1	1	0	1
14682	0x395A	1	0	0	0	0	0	0	0	0	0	0
20992	0x5200	0	1	0	1	1	0	0	0	0	0	1
20993	0x5201	0	1	0	1	1	0	0	0	0	0	1
20994	0x5202	0	1	0	1	1	0	0	0	0	0	1
20995	0x5203	1	0	0	1	1	0	0	0	0	0	1
24592	0x6010	1	0	1	1	1	0	0	1	1	0	1
24608	0x6020	1	0	1	1	1	0	0	1	1	0	1
24624	0x6030	1	0	1	1	1	0	0	1	1	0	1
24640	0x6040	1	0	1	1	1	1	1	1	1	0	1
24848	0x6110	1	0	1	1	1	1	1	1	1	0	1
24864	0x6120	1	0	1	1	1	1	1	1	1	0	1
24880	0x6130	1	0	1	1	1	1	1	1	1	0	1
24896	0x6140	1	0	1	1	1	1	1	1	1	0	1
24912	0x6150	1	0	1	1	1	1	1	0	1	0	1
25104	0x6210	1	0	1	1	1	1	1	1	1	0	1
25120	0x6220	1	0	1	1	1	1	1	1	1	0	1
25136	0x6230	1	0	1	1	1	1	1	1	1	0	1
25152	0x6240	1	0	1	1	1	1	1	1	1	0	1
25345	0x6301	1	0	1	1	1	1	1	1	1	0	1
45072	0xB010	0	1	0	1	1	0	0	0	0	0	1

Table 1- 12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
45312	0xB100	0	1	0	1	1	0	0	0	0	0	1
49153	0xC001	0	1	1	1	1	1	1	1	1	0	1
49154	0xC002	1	0	0	1	1	0	0	1	1	0	1
49155	0xC003	1	0	0	1	1	0	0	1	1	0	1
49156	0xC004	1	0	0	1	1	0	0	1	1	0	1
49157	0xC005	1	0	0	1	1	0	0	1	1	0	1
49158	0xC006	1	0	0	1	1	0	0	1	1	0	1
49159	0xC007	1	0	0	1	1	0	0	1	1	0	1
49160	0xC008	1	0	0	1	1	0	0	1	1	0	1
49161	0xC009	1	0	0	1	1	0	0	1	1	0	1
49162	0xC00A	1	0	0	1	1	0	0	1	1	0	1
49163	0xC00B	1	0	0	1	1	0	0	1	1	0	1
49166	0xC00E	1	0	0	1	1	0	0	1	1	0	1
49167	0xC00F	1	0	0	1	1	0	0	1	1	0	1
49168	0xC010	1	0	0	1	1	0	0	1	1	0	1
49169	0xC011	1	0	0	1	1	0	0	1	1	0	1
49170	0xC012	1	0	0	1	1	0	0	1	1	0	1
49171	0xC013	1	0	0	1	1	0	0	1	1	0	1
49172	0xC014	1	0	0	1	1	0	0	1	1	0	1
49173	0xC015	1	0	0	1	1	0	0	1	1	0	1
49174	0xC016	1	0	0	1	1	0	0	1	1	0	1
49175	0xC017	0	1	0	1	1	1	1	0	0	0	1
49176	0xC018	0	1	0	1	1	1	1	0	0	0	1
49177	0xC019	0	1	0	1	1	1	1	0	0	0	1
49178	0xC01A	0	1	0	1	1	1	1	0	0	0	1
49179	0xC01B	0	1	0	1	1	1	1	0	0	0	1
49183	0xC01F	1	0	1	1	1	0	0	0	0	0	1
49184	0xC020	1	0	0	1	1	0	0	1	1	0	1
49185	0xC021	1	0	0	1	1	0	0	1	1	0	1
49186	0xC022	1	0	0	1	1	0	0	1	1	0	1
49187	0xC023	1	0	0	1	1	0	0	1	1	0	1
49188	0xC024	1	0	0	1	1	0	0	1	1	0	1
49189	0xC025	1	0	0	1	1	0	0	1	1	0	1

Table 1- 12: Event SNMP Traps - ISDB-T (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
49190	0xC026	1	0	0	1	1	0	0	1	1	0	1
49191	0xC027	1	0	0	1	1	0	0	1	1	0	1

Table 1- 13: Event SNMP Traps - ISDB (Partial Reception)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	1	0	0	1	1	0	1
4145	0x1031	1	0	0	1	1	0	0	1	1	0	1
4146	0x1032	1	0	0	1	1	0	0	1	1	0	1
4160	0x1040	1	0	0	1	1	0	0	1	1	0	1
4161	0x1041	1	0	0	1	1	0	0	1	1	0	1
4162	0x1042	1	0	0	1	1	0	0	1	1	0	1
4163	0x1043	1	0	0	1	1	0	0	1	1	0	1
4164	0x1044	1	0	0	1	1	0	0	1	1	0	1
4609	0x1201	1	0	0	1	1	0	0	1	1	0	1
4610	0x1202	1	0	0	1	1	0	0	1	1	0	1
4612	0x1204	0	1	0	1	1	0	0	0	0	0	1
4614	0x1206	1	0	0	1	1	0	0	1	1	0	1
4615	0x1207	0	1	0	1	1	0	0	0	0	0	1
4616	0x1208	0	1	0	1	1	0	0	0	0	0	1
4617	0x1209	0	1	0	1	1	0	0	0	0	0	1
4625	0x1211	1	0	0	1	1	0	0	1	1	0	1
4626	0x1212	1	0	0	1	1	0	0	1	1	0	1
4629	0x1215	1	0	0	1	1	0	0	1	1	0	1
4630	0x1216	1	0	0	1	1	0	0	1	1	0	1
8195	0x2003	1	0	0	1	1	0	0	1	1	0	1
8196	0x2004	1	0	1	1	1	1	1	1	1	0	1
8209	0x2011	1	0	1	1	1	1	1	0	0	0	1
12305	0x3011	1	0	0	1	1	0	0	0	0	0	1
12306	0x3012	0	1	0	1	1	0	0	0	0	0	1

Table 1-13: Event SNMP Traps - ISDB (Partial Reception) (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
12311	0x3017	1	0	1	1	1	1	1	0	0	1	1
12321	0x3021	0	1	1	1	1	0	0	0	0	0	1
12322	0x3022	0	1	1	1	1	0	1	0	0	0	1
12328	0x3028	1	0	1	1	1	0	0	1	1	0	1
12345	0x3039	1	0	1	1	1	1	1	1	1	0	1
12346	0x303A	1	0	1	1	1	0	0	0	1	1	1
12355	0x3043	1	0	1	1	1	0	0	1	1	0	1
12356	0x3044	1	0	1	1	1	0	0	1	1	0	1
12357	0x3045	1	0	1	1	1	0	0	1	1	0	1
12370	0x3052	0	1	0	1	1	0	1	0	0	0	1
12371	0x3053	1	0	0	1	1	0	0	0	0	1	1
12545	0x3101	0	1	1	1	1	0	0	0	0	0	1
12546	0x3102	1	0	1	1	1	0	0	0	0	0	1
12548	0x3104	1	0	1	1	1	0	0	0	0	0	1
12550	0x3106	0	1	1	1	1	0	0	0	0	0	1
12551	0x3107	0	1	1	1	1	0	0	0	0	0	1
12553	0x3109	0	1	1	1	1	0	0	0	0	0	1
12564	0x3114	0	1	0	1	1	0	0	0	0	0	1
12567	0x3117	1	0	1	1	1	0	0	1	1	0	1
12568	0x3118	1	0	1	1	1	0	0	1	1	0	1
12569	0x3119	0	1	1	1	1	0	0	0	0	0	1
12570	0x311A	0	1	1	1	1	0	0	0	0	0	1
12571	0x311B	0	1	1	1	1	0	0	0	0	0	1
12572	0x311C	0	1	1	1	1	0	0	0	0	0	1
12573	0x311D	0	1	1	1	1	0	0	0	0	0	1
12574	0x311E	0	1	1	1	1	0	0	0	0	0	1
12575	0x311F	0	1	1	1	1	0	0	0	0	0	1
12582	0x3126	0	1	1	1	1	0	0	0	0	0	1
12594	0x3132	0	1	0	1	1	1	1	0	0	0	1
12595	0x3133	0	1	0	1	1	1	1	0	0	0	1
12640	0x3160	1	0	1	1	1	1	1	1	1	1	1
13568	0x3500	0	1	0	1	1	0	0	0	0	0	1
13569	0x3501	0	1	0	1	1	0	0	0	0	0	1

Table 1-13: Event SNMP Traps - ISDB (Partial Reception) (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
13570	0x3502	0	1	0	1	1	0	0	0	0	0	1
13572	0x3504	0	1	0	1	1	0	0	0	0	0	1
13575	0x3507	0	1	0	1	1	0	0	0	0	0	1
13576	0x3508	0	1	0	1	1	0	0	0	0	0	1
13577	0x3509	0	1	1	1	1	0	1	0	0	0	1
13593	0x3519	0	1	0	1	1	0	0	0	0	0	1
13594	0x351A	0	1	0	1	1	0	0	0	0	0	1
13595	0x351B	0	1	0	1	1	0	0	0	0	0	1
13598	0x351E	0	1	0	1	1	0	0	0	0	0	1
13599	0x351F	0	1	1	1	1	0	1	0	0	0	1
13824	0x3600	1	0	0	1	1	0	0	1	1	0	1
14085	0x3705	1	0	1	1	1	1	1	1	1	0	1
14091	0x370B	1	0	1	1	1	1	1	1	1	0	1
14111	0x371F	1	0	1	1	1	1	1	1	1	0	1
14120	0x3728	1	0	1	1	1	1	1	1	1	1	1
14121	0x3729	1	0	1	1	1	1	1	1	1	0	1
14122	0x372A	1	0	1	1	1	1	1	1	1	0	1
14123	0x372B	1	0	0	0	0	0	0	0	0	0	0
14124	0x372C	1	0	0	0	0	0	0	0	0	0	0
14125	0x372D	1	0	0	0	0	0	0	0	0	0	0
14126	0x372E	1	0	1	1	1	1	1	1	1	0	1
14127	0x372F	1	0	1	1	1	1	1	1	1	0	1
14128	0x3730	1	0	0	0	0	0	0	0	0	0	0
14129	0x3731	1	0	0	0	0	0	0	0	0	0	0
14130	0x3732	1	0	0	0	0	0	0	0	0	0	0
14139	0x373B	1	0	1	1	1	1	1	1	1	0	1
14140	0x373C	1	0	0	0	0	0	0	0	0	0	0
14141	0x373D	1	0	1	1	1	1	1	1	1	0	1
14142	0x373E	1	0	0	0	0	0	0	0	0	0	0
14143	0x373F	1	0	0	0	0	0	0	0	0	0	0
14147	0x3743	1	0	1	1	1	1	1	1	1	0	1
14148	0x3744	1	0	1	1	1	1	1	1	1	0	1
14159	0x374F	1	0	0	0	0	0	0	0	0	0	0

Table 1-13: Event SNMP Traps - ISDB (Partial Reception) (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
14200	0x3778	1	0	0	0	0	0	0	0	0	0	0
14209	0x3781	0	1	1	1	1	0	0	0	0	0	1
14226	0x3792	0	1	0	1	1	0	0	0	0	0	1
14233	0x3799	0	1	0	1	1	0	0	0	0	0	1
14234	0x379A	1	0	1	1	1	0	0	0	0	0	1
14235	0x379B	1	0	1	1	1	0	0	0	0	0	1
14236	0x379C	1	0	1	1	1	0	0	0	0	0	1
14238	0x379E	1	0	1	1	1	0	0	0	0	0	1
14239	0x379F	1	0	1	1	1	0	0	0	0	0	1
14240	0x37A0	1	0	1	1	1	0	0	0	0	0	1
14242	0x37A2	1	0	0	1	1	0	0	0	0	0	1
14243	0x37A3	1	0	0	1	1	0	0	0	0	0	1
14245	0x37A5	1	0	0	1	1	0	0	0	0	0	1
14246	0x37A6	1	0	0	1	1	0	1	0	0	0	1
14257	0x37B1	1	0	0	1	1	0	0	1	1	0	1
14275	0x37C3	1	0	1	1	1	0	0	0	0	0	1
14276	0x37C4	1	0	0	1	1	1	1	1	1	0	1
14277	0x37C5	1	0	0	1	1	0	0	1	1	0	1
14318	0x37EE	1	0	1	1	1	1	1	1	1	0	1
14319	0x37EF	1	0	1	1	1	1	1	1	1	0	1
14320	0x37F0	0	1	0	1	1	0	0	0	0	0	1
14321	0x37F1	0	1	0	1	1	0	0	0	0	0	1
14336	0x3800	1	0	0	1	1	0	0	1	1	1	1
14337	0x3801	1	0	0	1	1	0	0	1	1	0	1
14338	0x3802	1	0	0	1	1	0	0	1	1	0	1
14339	0x3803	1	0	0	1	1	0	0	1	1	0	1
14340	0x3804	1	0	0	1	1	0	0	1	1	0	1
14341	0x3805	1	0	0	1	1	0	0	1	1	0	1
14342	0x3806	1	0	0	1	1	0	0	1	1	0	1
14343	0x3807	1	0	0	1	1	0	0	1	1	0	1
14344	0x3808	1	0	0	1	1	0	0	1	1	0	1
14345	0x3809	1	0	0	1	1	0	0	1	1	0	1
14346	0x380A	1	0	0	1	1	0	0	1	1	0	1

Table 1-13: Event SNMP Traps - ISDB (Partial Reception) (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
14349	0x380D	1	0	0	1	1	0	0	1	1	0	1
14350	0x380E	1	0	0	1	1	0	0	1	1	0	1
14351	0x380F	1	0	0	1	1	0	0	1	1	0	1
14352	0x3810	1	0	0	1	1	0	0	1	1	0	1
14353	0x3811	1	0	0	1	1	0	0	1	1	0	1
14354	0x3812	1	0	0	1	1	0	0	1	1	0	1
14355	0x3813	1	0	0	1	1	0	0	1	1	0	1
14356	0x3814	1	0	0	1	1	0	0	1	1	0	1
14357	0x3815	1	0	0	1	1	0	0	1	1	0	1
14371	0x3823	0	1	1	1	1	1	1	1	1	0	1
14372	0x3824	0	1	1	1	1	1	1	1	1	0	1
14373	0x3825	0	1	0	1	1	1	1	0	0	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0
14376	0x3828	0	1	0	1	1	1	1	0	1	0	1
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14416	0x3850	1	0	0	1	1	0	0	1	1	0	1
14417	0x3851	1	0	0	1	1	0	0	1	1	0	1
14418	0x3852	1	0	0	1	1	0	0	1	1	0	1
14419	0x3853	1	0	0	1	1	0	0	1	1	0	1
14420	0x3854	1	0	0	1	1	0	0	1	1	0	1
14421	0x3855	1	0	0	1	1	0	0	1	1	0	1
14422	0x3856	1	0	0	1	1	0	0	1	1	0	1
14423	0x3857	1	0	0	1	1	0	0	1	1	0	1
14597	0x3905	1	0	0	0	0	0	0	0	0	0	0
14601	0x3909	1	0	0	0	0	0	0	0	0	0	0
14605	0x390D	1	0	0	0	0	0	0	0	0	0	0
14607	0x390F	1	0	0	0	0	0	0	0	0	0	0
14672	0x3950	1	0	1	1	1	1	1	1	1	1	1
14673	0x3951	1	0	1	1	1	0	0	1	1	0	1
14674	0x3952	1	0	1	1	1	0	0	1	1	0	1
14682	0x395A	1	0	0	0	0	0	0	0	0	0	0
20992	0x5200	0	1	0	1	1	0	0	0	0	0	1
20993	0x5201	0	1	0	1	1	0	0	0	0	0	1

Table 1-13: Event SNMP Traps - ISDB (Partial Reception) (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
20994	0x5202	0	1	0	1	1	0	0	0	0	0	1
20995	0x5203	1	0	0	1	1	0	0	0	0	0	1
24592	0x6010	1	0	1	1	1	0	0	1	1	0	1
24608	0x6020	1	0	1	1	1	0	0	1	1	0	1
24624	0x6030	1	0	1	1	1	0	0	1	1	0	1
24640	0x6040	1	0	1	1	1	1	1	1	1	0	1
24848	0x6110	1	0	1	1	1	1	1	1	1	0	1
24864	0x6120	1	0	1	1	1	1	1	1	1	0	1
24880	0x6130	1	0	1	1	1	1	1	1	1	0	1
24896	0x6140	1	0	1	1	1	1	1	1	1	0	1
24912	0x6150	1	0	1	1	1	1	1	0	1	0	1
25104	0x6210	1	0	1	1	1	1	1	1	1	0	1
25120	0x6220	1	0	1	1	1	1	1	1	1	0	1
25136	0x6230	1	0	1	1	1	1	1	1	1	0	1
25152	0x6240	1	0	1	1	1	1	1	1	1	0	1
25345	0x6301	1	0	1	1	1	1	1	1	1	0	1
45072	0xB010	0	1	0	1	1	0	0	0	0	0	1
45312	0xB100	0	1	0	1	1	0	0	0	0	0	1
49153	0xC001	0	1	1	1	1	1	1	1	1	0	1
49154	0xC002	1	0	0	1	1	0	0	1	1	0	1
49155	0xC003	1	0	0	1	1	0	0	1	1	0	1
49156	0xC004	1	0	0	1	1	0	0	1	1	0	1
49157	0xC005	1	0	0	1	1	0	0	1	1	0	1
49158	0xC006	1	0	0	1	1	0	0	1	1	0	1
49159	0xC007	1	0	0	1	1	0	0	1	1	0	1
49160	0xC008	1	0	0	1	1	0	0	1	1	0	1
49161	0xC009	1	0	0	1	1	0	0	1	1	0	1
49162	0xC00A	1	0	0	1	1	0	0	1	1	0	1
49163	0xC00B	1	0	0	1	1	0	0	1	1	0	1
49166	0xC00E	1	0	0	1	1	0	0	1	1	0	1
49167	0xC00F	1	0	0	1	1	0	0	1	1	0	1
49168	0xC010	1	0	0	1	1	0	0	1	1	0	1
49169	0xC011	1	0	0	1	1	0	0	1	1	0	1

Table 1-13: Event SNMP Traps - ISDB (Partial Reception) (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
49170	0xC012	1	0	0	1	1	0	0	1	1	0	1
49171	0xC013	1	0	0	1	1	0	0	1	1	0	1
49172	0xC014	1	0	0	1	1	0	0	1	1	0	1
49173	0xC015	1	0	0	1	1	0	0	1	1	0	1
49174	0xC016	1	0	0	1	1	0	0	1	1	0	1
49175	0xC017	0	1	0	1	1	1	1	0	0	0	1
49176	0xC018	0	1	0	1	1	1	1	0	0	0	1
49177	0xC019	0	1	0	1	1	1	1	0	0	0	1
49178	0xC01A	0	1	0	1	1	1	1	0	0	0	1
49179	0xC01B	0	1	0	1	1	1	1	0	0	0	1
49183	0xC01F	1	0	1	1	1	0	0	0	0	0	1
49184	0xC020	1	0	0	1	1	0	0	1	1	0	1
49185	0xC021	1	0	0	1	1	0	0	1	1	0	1
49186	0xC022	1	0	0	1	1	0	0	1	1	0	1
49187	0xC023	1	0	0	1	1	0	0	1	1	0	1
49188	0xC024	1	0	0	1	1	0	0	1	1	0	1
49189	0xC025	1	0	0	1	1	0	0	1	1	0	1
49190	0xC026	1	0	0	1	1	0	0	1	1	0	1
49191	0xC027	1	0	0	1	1	0	0	1	1	0	1

Table 1-14: Event SNMP Traps - China

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
4144	0x1030	1	0	0	1	1	0	0	1	1	0	1
4145	0x1031	1	0	0	1	1	0	0	1	1	0	1
4146	0x1032	1	0	0	1	1	0	0	1	1	0	1
4160	0x1040	1	0	0	1	1	0	0	1	1	0	1
4161	0x1041	1	0	0	1	1	0	0	1	1	0	1
4162	0x1042	1	0	0	1	1	0	0	1	1	0	1
4163	0x1043	1	0	0	1	1	0	0	1	1	0	1

Table 1- 14: Event SNMP Traps - China (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
4164	0x1044	1	0	0	1	1	0	0	1	1	0	1
4609	0x1201	1	0	0	1	1	0	0	1	1	0	1
4610	0x1202	1	0	0	1	1	0	0	1	1	0	1
4612	0x1204	0	1	0	1	1	0	0	0	0	0	1
4614	0x1206	1	0	0	1	1	0	0	1	1	0	1
4615	0x1207	0	1	0	1	1	0	0	0	0	0	1
4616	0x1208	0	1	0	1	1	0	0	0	0	0	1
4617	0x1209	0	1	0	1	1	0	0	0	0	0	1
4625	0x1211	1	0	0	1	1	0	0	1	1	0	1
4626	0x1212	1	0	0	1	1	0	0	1	1	0	1
4629	0x1215	1	0	0	1	1	0	0	1	1	0	1
4630	0x1216	1	0	0	1	1	0	0	1	1	0	1
8195	0x2003	1	0	0	1	1	0	0	1	1	1	1
8196	0x2004	1	0	1	1	1	1	1	1	1	1	1
8209	0x2011	1	0	1	1	1	1	1	0	0	0	1
12305	0x3011	1	0	0	1	1	0	0	0	0	0	1
12306	0x3012	0	1	0	1	1	0	0	0	0	0	1
12311	0x3017	1	0	1	1	1	1	1	0	0	1	1
12321	0x3021	0	1	0	1	1	0	0	0	0	0	1
12322	0x3022	0	1	1	1	1	0	0	0	0	0	1
12328	0x3028	1	0	1	1	1	1	1	1	1	1	1
12345	0x3039	1	0	1	1	1	1	1	1	1	0	1
12346	0x303A	1	0	1	1	1	0	0	0	1	1	1
12355	0x3043	1	0	1	1	1	1	1	1	1	0	1
12356	0x3044	1	0	1	1	1	1	1	1	1	0	1
12357	0x3045	1	0	1	1	1	1	1	1	1	0	1
12358	0x3046	0	1	0	1	1	0	0	0	0	0	1
12359	0x3047	0	1	0	1	1	0	0	0	0	0	1
12360	0x3048	0	1	0	1	1	0	0	0	0	0	1
12361	0x3049	0	1	0	1	1	0	0	0	0	0	1
12369	0x3051	1	0	0	0	0	0	0	0	0	0	0
12370	0x3052	0	1	0	1	1	0	1	0	0	0	1
12371	0x3053	1	0	0	1	1	0	0	0	0	1	1

Table 1-14: Event SNMP Traps - China (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
12544	0x3100	1	0	1	1	1	0	0	1	1	0	1
12545	0x3101	0	1	1	1	1	0	0	0	0	0	1
12546	0x3102	1	0	1	1	1	0	0	0	0	0	1
12548	0x3104	1	0	1	1	1	1	1	0	0	0	1
12550	0x3106	0	1	1	1	1	0	0	0	0	0	1
12551	0x3107	0	1	1	1	1	0	0	0	0	0	1
12553	0x3109	0	1	1	1	1	0	0	0	0	0	1
12561	0x3111	0	1	1	1	1	0	0	0	0	0	1
12562	0x3112	1	0	1	1	1	0	0	1	1	0	1
12563	0x3113	0	1	1	1	1	0	0	0	0	0	1
12564	0x3114	0	1	0	1	1	0	0	0	0	0	1
12565	0x3115	1	0	1	1	1	1	1	1	1	0	1
12567	0x3117	1	0	1	1	1	1	1	1	1	1	1
12568	0x3118	1	0	1	1	1	1	1	1	1	1	1
12575	0x311F	0	1	1	1	1	0	0	0	0	0	1
12576	0x3120	0	1	1	1	1	0	0	0	0	0	1
12582	0x3126	0	1	1	1	1	0	0	0	0	0	1
12594	0x3132	0	1	0	1	1	1	1	0	0	0	1
12595	0x3133	0	1	0	1	1	1	1	0	0	0	1
12640	0x3160	1	0	1	1	1	1	1	1	1	1	1
13104	0x3330	1	0	0	1	1	0	0	1	1	0	1
13105	0x3331	1	0	0	1	1	0	0	1	1	0	1
13316	0x3404	1	0	1	1	1	0	0	1	1	0	1
13328	0x3410	1	0	1	1	1	0	0	1	1	0	1
13329	0x3411	1	0	1	1	1	0	0	1	1	0	1
13330	0x3412	0	1	1	1	1	0	0	1	1	0	1
13331	0x3413	0	1	1	1	1	0	0	1	1	0	1
13332	0x3414	1	0	1	1	1	0	0	1	1	0	1
13333	0x3415	1	0	1	1	1	0	0	1	1	0	1
13334	0x3416	1	0	1	1	1	0	0	1	1	0	1
13568	0x3500	0	1	0	1	1	0	0	0	0	0	1
13569	0x3501	0	1	0	1	1	0	0	0	0	0	1
13570	0x3502	0	1	0	1	1	0	0	0	0	0	1

Table 1- 14: Event SNMP Traps - China (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
13571	0x3503	0	1	0	1	1	0	0	0	0	0	1
13572	0x3504	0	1	0	1	1	0	0	0	0	0	1
13573	0x3505	0	1	0	1	1	0	0	0	0	0	1
13574	0x3506	0	1	0	1	1	0	0	0	0	0	1
13575	0x3507	0	1	0	1	1	0	0	0	0	0	1
13576	0x3508	0	1	0	1	1	0	0	0	0	0	1
13577	0x3509	0	1	0	1	1	0	0	0	0	0	1
13598	0x351E	0	1	0	1	1	0	0	0	0	0	1
13599	0x351F	0	1	0	1	1	0	0	0	0	0	1
13824	0x3600	1	0	0	1	1	0	0	1	1	1	1
14085	0x3705	1	0	1	1	1	1	1	1	1	0	1
14091	0x370B	1	0	1	1	1	1	1	1	1	1	1
14097	0x3711	1	0	1	1	1	1	1	1	1	0	1
14098	0x3712	1	0	1	1	1	1	1	1	1	0	1
14101	0x3715	1	0	1	1	1	1	1	1	1	0	1
14102	0x3716	1	0	1	1	1	1	1	1	1	0	1
14111	0x371F	1	0	1	1	1	1	1	1	1	0	1
14120	0x3728	1	0	1	1	1	1	1	1	1	0	1
14121	0x3729	1	0	1	1	1	1	1	1	1	0	1
14122	0x372A	1	0	1	1	1	1	1	1	1	0	1
14123	0x372B	1	0	0	0	0	0	0	0	0	0	0
14124	0x372C	1	0	0	0	0	0	0	0	0	0	0
14125	0x372D	1	0	0	0	0	0	0	0	0	0	0
14126	0x372E	1	0	1	1	1	1	1	1	1	0	1
14127	0x372F	1	0	1	1	1	1	1	1	1	1	1
14128	0x3730	1	0	1	1	1	1	1	1	1	0	1
14129	0x3731	1	0	1	1	1	1	1	1	1	1	1
14130	0x3732	1	0	1	1	1	1	1	1	1	0	1
14131	0x3733	1	0	1	1	1	1	1	1	1	0	1
14132	0x3734	1	0	1	1	1	1	1	1	1	1	1
14133	0x3735	1	0	1	1	1	1	1	1	1	0	1
14134	0x3736	1	0	1	1	1	1	1	1	1	1	1
14135	0x3737	1	0	1	1	1	1	1	1	1	0	1

Table 1-14: Event SNMP Traps - China (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
14136	0x3738	1	0	1	1	1	1	1	1	1	0	1
14137	0x3739	1	0	1	1	1	1	1	1	1	0	1
14138	0x373A	1	0	0	0	0	0	0	0	0	0	0
14139	0x373B	1	0	0	0	0	0	0	0	0	0	0
14140	0x373C	1	0	1	1	1	1	1	1	1	0	1
14141	0x373D	1	0	1	1	1	1	1	1	1	0	1
14142	0x373E	1	0	0	0	0	0	0	0	0	0	0
14143	0x373F	1	0	0	0	0	0	0	0	0	0	0
14336	0x3800	1	0	0	1	1	0	0	1	1	0	1
14337	0x3801	1	0	0	1	1	0	0	1	1	0	1
14338	0x3802	1	0	0	1	1	0	0	1	1	0	1
14339	0x3803	1	0	0	1	1	0	0	1	1	0	1
14340	0x3804	1	0	0	1	1	0	0	1	1	0	1
14341	0x3805	1	0	0	1	1	0	0	1	1	0	1
14342	0x3806	1	0	0	1	1	0	0	1	1	0	1
14343	0x3807	1	0	0	1	1	0	0	1	1	0	1
14344	0x3808	1	0	0	1	1	0	0	1	1	0	1
14345	0x3809	1	0	0	1	1	0	0	1	1	0	1
14346	0x380A	1	0	0	1	1	0	0	1	1	0	1
14349	0x380D	1	0	0	1	1	0	0	1	1	0	1
14350	0x380E	1	0	0	1	1	0	0	1	1	0	1
14351	0x380F	1	0	0	1	1	0	0	1	1	0	1
14352	0x3810	1	0	0	1	1	0	0	1	1	0	1
14353	0x3811	1	0	0	1	1	0	0	1	1	0	1
14354	0x3812	1	0	0	1	1	0	0	1	1	0	1
14355	0x3813	1	0	0	1	1	0	0	1	1	0	1
14356	0x3814	1	0	0	1	1	0	0	1	1	0	1
14357	0x3815	1	0	0	1	1	0	0	1	1	0	1
14371	0x3823	0	1	1	1	1	1	1	1	1	0	1
14372	0x3824	0	1	1	1	1	1	1	1	1	0	1
14373	0x3825	0	1	0	1	1	1	1	0	0	0	1
14375	0x3827	1	0	0	0	0	0	0	0	0	0	0
14376	0x3828	0	1	0	1	1	1	1	0	1	0	1

Table 1- 14: Event SNMP Traps - China (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
14377	0x3829	1	0	0	0	0	0	0	0	0	0	0
14416	0x3850	1	0	0	1	1	0	0	1	1	0	1
14417	0x3851	1	0	0	1	1	0	0	1	1	0	1
14418	0x3852	1	0	0	1	1	0	0	1	1	0	1
14419	0x3853	1	0	0	1	1	0	0	1	1	0	1
14420	0x3854	1	0	0	1	1	0	0	1	1	0	1
14421	0x3855	1	0	0	1	1	0	0	1	1	0	1
14422	0x3856	1	0	0	1	1	0	0	1	1	0	1
14423	0x3857	1	0	0	1	1	0	0	1	1	0	1
14672	0x3950	1	0	1	1	1	1	1	1	1	1	1
14673	0x3951	1	0	1	1	1	0	0	1	1	1	1
14674	0x3952	1	0	1	1	1	0	0	1	1	1	1
14675	0x3953	1	0	1	1	1	0	0	1	1	0	1
14676	0x3954	1	0	1	1	1	0	0	1	1	0	1
14677	0x3955	1	0	1	1	1	0	0	1	1	0	1
14678	0x3956	1	0	1	1	1	0	0	1	1	0	1
14679	0x3957	1	0	1	1	1	0	1	1	1	1	1
14680	0x3958	1	0	1	1	1	0	0	1	1	0	1
14681	0x3959	1	0	1	1	1	0	0	1	1	0	1
14682	0x395A	1	0	1	1	1	1	1	1	1	0	1
14683	0x395B	1	0	1	1	1	0	0	1	1	0	1
20992	0x5200	0	1	0	1	1	0	0	0	0	0	1
20993	0x5201	0	1	0	1	1	0	0	0	0	0	1
20994	0x5202	0	1	0	1	1	0	0	0	0	0	1
20995	0x5203	1	0	0	1	1	0	0	0	0	0	1
24592	0x6010	1	0	1	1	1	0	0	1	1	0	1
24608	0x6020	1	0	1	1	1	0	0	1	1	0	1
24624	0x6030	1	0	1	1	1	0	0	1	1	0	1
24640	0x6040	1	0	1	1	1	1	1	1	1	0	1
24848	0x6110	1	0	1	1	1	1	1	1	1	0	1
24864	0x6120	1	0	1	1	1	1	1	1	1	0	1
24880	0x6130	1	0	1	1	1	1	1	1	1	0	1
24896	0x6140	1	0	1	1	1	1	1	1	1	0	1

Table 1-14: Event SNMP Traps - China (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Threshold identity	Actual	Duration	Stream
24912	0x6150	1	0	1	1	1	1	1	0	1	0	1
25104	0x6210	1	0	1	1	1	1	1	1	1	0	1
25120	0x6220	1	0	1	1	1	1	1	1	1	0	1
25136	0x6230	1	0	1	1	1	1	1	1	1	0	1
25152	0x6240	1	0	1	1	1	1	1	1	1	0	1
25345	0x6301	1	0	1	1	1	1	1	1	1	0	1
45072	0xB010	0	1	0	1	1	0	0	0	0	0	1
45312	0xB100	0	1	0	1	1	0	0	0	0	0	1
49153	0xC001	0	1	1	1	1	1	1	1	1	0	1
49154	0xC002	1	0	0	1	1	0	0	1	1	0	1
49155	0xC003	1	0	0	1	1	0	0	1	1	0	1
49156	0xC004	1	0	0	1	1	0	0	1	1	0	1
49157	0xC005	1	0	0	1	1	0	0	1	1	0	1
49158	0xC006	1	0	0	1	1	0	0	1	1	0	1
49159	0xC007	1	0	0	1	1	0	0	1	1	0	1
49160	0xC008	1	0	0	1	1	0	0	1	1	0	1
49161	0xC009	1	0	0	1	1	0	0	1	1	0	1
49162	0xC00A	1	0	0	1	1	0	0	1	1	0	1
49163	0xC00B	1	0	0	1	1	0	0	1	1	0	1
49166	0xC00E	1	0	0	1	1	0	0	1	1	0	1
49167	0xC00F	1	0	0	1	1	0	0	1	1	0	1
49168	0xC010	1	0	0	1	1	0	0	1	1	0	1
49169	0xC011	1	0	0	1	1	0	0	1	1	0	1
49170	0xC012	1	0	0	1	1	0	0	1	1	0	1
49171	0xC013	1	0	0	1	1	0	0	1	1	0	1
49172	0xC014	1	0	0	1	1	0	0	1	1	0	1
49173	0xC015	1	0	0	1	1	0	0	1	1	0	1
49174	0xC016	1	0	0	1	1	0	0	1	1	0	1
49175	0xC017	0	1	0	1	1	1	1	0	0	0	1
49176	0xC018	0	1	0	1	1	1	1	0	0	0	1
49177	0xC019	0	1	0	1	1	1	1	0	0	0	1
49178	0xC01A	0	1	0	1	1	1	1	0	0	0	1
49179	0xC01B	0	1	0	1	1	1	1	0	0	0	1

Table 1- 14: Event SNMP Traps - China (Cont.)

Event identity – Decimal	Event identity – Hex	Test	Event	PID	TSID	Network identity	Service type	Service identity	Thresh-old identity	Actual	Duration	Stream
49184	0xC020	1	0	0	1	1	0	0	1	1	0	1
49185	0xC021	1	0	0	1	1	0	0	1	1	0	1
49186	0xC022	1	0	0	1	1	0	0	1	1	0	1
49187	0xC023	1	0	0	1	1	0	0	1	1	0	1
49188	0xC024	1	0	0	1	1	0	0	1	1	0	1
49189	0xC025	1	0	0	1	1	0	0	1	1	0	1
49190	0xC026	1	0	0	1	1	0	0	1	1	0	1
49191	0xC027	1	0	0	1	1	0	0	1	1	0	1

Table 1- 15: Event SNMP Traps - IP

Event identity – Decimal	Event identity – Hex	Test	Event	Source IP	Destination IP	Destination Port
36867	0x9003	1	0	1	1	1
36869	0x9005	1	0	1	1	1
36870	0x9006	0	1	1	1	1
36871	0x9007	1	0	1	1	1
36872	0x9008	1	0	1	1	1
37121	0x9101	0	1	1	1	1
37122	0x9102	0	1	1	1	1
37123	0x9103	0	1	1	1	1
36873	0x9009	1	0	1	1	1
36874	0x900A	1	0	1	1	1
36875	0x900B	1	0	1	1	1
36876	0x900C	1	0	1	1	1



Configuration File Structure

Configuration File Structure

This appendix provides an overview of the DTV Monitor configuration file, which allows units to be completely configured or partially updated. If no configuration file is implemented, settings will use default values. Note that configuration files can be uploaded to the unit, but must be made active to have any effect.

The file is presented in XML (Extensible Markup Language) format. XML is a hierarchical language that can be interpreted by DTV Monitor instruments. It can be edited using either a simple text editor such as Microsoft NotePad, or a more sophisticated editor.

An XML configuration definition file (*.xsd) can be downloaded from the DTV Monitor by entering the following address in your browser address field:

```
http://<MTM IP address>/config.xsd
```

An XSD file, used in conjunction with an XML editor, will ensure that any proposed XML configuration file is valid. Examining the XSD file will reveal the complete range of available elements and attributes.

XML is formatted using elements and attributes, which are indicated in a document using tags. Tags begin with a '<' and close with a '>'. End tags include a '/' before the name of the element; empty tags include a '/' before the closing '>'.

```
<LBandSettings Name = "Default">  
  <OscillatorFrequency>10600000</OscillatorFrequency>  
  <TransponderFrequency>11837000</TransponderFrequency>  
  <PolarVolts>0</PolarVolts>  
  <SymbolRate>27500000</SymbolRate>  
  <ViterbiRate>2</ViterbiRate>  
  <ViterbiRateAuto>1</ViterbiRateAuto>  
  <Tone22K>0</Tone22K>  
  <InvertSpectrum>1</InvertSpectrum>  
</LBandSettings>
```

The <LBandSettings Name = "Default"> tag opens the LBandSettings element. The LBandSettings attribute, Name, is set to 'Default'. The LBandSettings element contains a number of discrete elements. This results in a nested structure. Any of the elements can contain further nested elements. The LBandSettings element is closed with the closing tag </LBandSettings>.

Configuration file sections can consist of Arrays or Ever-present parameters.

- **Arrays** are lists or collections of related parameters, those relating to PIDs for example, and may or may not be present, depending on the setup required.

In the extract shown below, an array of disabled events is allocated to PID number 0:

```
<PID Number="0" ForcePresence="0">  
<DisabledEvents>0x2004 0x2011 0x3017 0x3028 0x303a 0x3043 0x3044 0x3045  
0x3117 0x3118 0x3124 0x3132 0x3133 0x3728</DisabledEvents>  
</PID>
```

- **Ever-present** parameters always have current values in the DTV Monitors, for example, <PI1> Interface Selection. They will never be deleted, but may be updated through the configuration file.

Updating

NOTE. *The Update attribute is not used for Ever-present parameters.*

The Update attribute attached to a number of container elements allows members of a group to be completely replaced or partially updated.

For example, in the Programs group, each Program contains three parameters: <PV1>, <PV2>, and <PV3>.

- If the Programs Update attribute is set to Absolute (<Programs Update="Absolute">), values included in each Program container will completely replace the current values. Program values not explicitly stated in the configuration file will revert to default values. Table 2-1 shows an example.
- If the Programs Update attribute is set to Incremental (<Programs Update="Incremental">), values present in the configuration file will be created or overwrite the current values. Program values that have been previously set, but not included in this configuration file, will remain unchanged. Program values that do not exist in the current setup will be added. Table 2-2 shows an example.

Table 2-1: Absolute update - example

Current values	Configuration file values	Updated values
<p>.....</p> <p>Program 1 PV1 = 98 kbit/s PV2 = 34 Mbit/s PV3 = PMT test disabled</p> <p>Program 2 PV1 = 110 kbit/s PV2 = 100 Mbit/s PV3 = PMT test disabled</p> <p>Program 3 PV1 = 75 kbit/s PV2 = 123 Mbit/s PV3 = PMT test disabled</p> <p>.....</p>	<p>.....</p> <p><Programs Update="Absolute"> <Program Number="1"> <PV1>300000</PV1> <PV2>2000000</PV2> <PV3>0</PV3> </Program> <Program Number="3"> <PV1>400000</PV1> <PV2>100000000</PV2> <PV3>1</PV3> </Program> </Programs></p> <p>.....</p>	<p>.....</p> <p>Program 1 PV1 = 300 kbit/s PV2 = 2 Mbit/s PV3 = PMT test disabled</p> <p>(Program 2 will use default values.)</p> <p>Program 3 PV1 = 400 kbit/s PV2 = 100 Mbit/s PV3 = PMT test enabled</p> <p>.....</p>

Table 2-2: Incremental update - example

Current values	Configuration file values	Updated values
<p>.....</p> <p>Program 1 PV1 = 98 kbit/s PV2 = 34 Mbit/s PV3 = PMT test disabled</p> <p>Program 2 PV1 = 110 kbit/s PV2 = 100 Mbit/s PV3 = PMT test disabled</p> <p>Program 3 PV1 = 75 kbit/s PV2 = 123 Mbit/s PV3 = PMT test disabled</p> <p>.....</p>	<p>.....</p> <p><Programs Update="Incremental"> <Program Number="1"> <PV1>300000</PV1> <PV2>2000000</PV2> <PV3>0</PV3> </Program> <Program Number="3"> <PV1>400000</PV1> <PV2>100000000</PV2> <PV3>1</PV3> </Program> </Programs></p> <p>.....</p>	<p>.....</p> <p>Program 1 PV1 = 300 kbit/s PV2 = 2 Mbit/s PV3 = PMT test disabled</p> <p>Program 2 PV1 = 110 kbit/s PV2 = 100 Mbit/s PV3 = PMT test disabled</p> <p>Program 3 PV1 = 400 kbit/s PV2 = 100 Mbit/s PV3 = PMT test enabled</p> <p>.....</p>

For example, if the current active configuration contains the following section:

```
<LBandSettings Name = "Default">
  <OscillatorFrequency>10600000</OscillatorFrequency>
  <TransponderFrequency>11837000</TransponderFrequency>
  <PolarVolts>0</PolarVolts>
  <SymbolRate>27500000</SymbolRate>
  <ViterbiRate>2</ViterbiRate>
  <ViterbiRateAuto>1</ViterbiRateAuto>
  <Tone22K>0</Tone22K>
  <InvertSpectrum>1</InvertSpectrum>
</LBandSettings>
```

and it is replaced, using a configuration file, with the following section:

```
<LBandSettings Update = "Absolute" Name = "Default">
  <OscillatorFrequency>355000</OscillatorFrequency>
  <TransponderFrequency>24000</TransponderFrequency>
</LBandSettings>
```

the active configuration will be as follows:

```
<LBandSettings Update = "Absolute" Name = "Default">
  <OscillatorFrequency>355000</OscillatorFrequency>
  <TransponderFrequency>24000</TransponderFrequency>
</LBandSettings>
```

The original section was, in effect, deleted and replaced with the new section. However, if the original section was replaced with the following section:

```
<LBandSettings Update = "Incremental" Name = "Default">
  <OscillatorFrequency>355000</OscillatorFrequency>
  <TransponderFrequency>24000</TransponderFrequency>
</LBandSettings>
```

the active configuration will be as follows:

```
<LBandSettings Update = "Incremental" Name = "Default">
  <OscillatorFrequency>355000</OscillatorFrequency>
  <TransponderFrequency>24000</TransponderFrequency>
  <PolarVolts>0</PolarVolts>
  <SymbolRate>27500000</SymbolRate>
  <ViterbiRate>2</ViterbiRate>
  <ViterbiRateAuto>1</ViterbiRateAuto>
  <Tone22K>0</Tone22K>
  <InvertSpectrum>1</InvertSpectrum>
</LBandSettings>
```

Note that the original section was modified, but those tags not specified in the updating file were left unchanged.

Defaults

Default values are ‘hardwired’ into the DTV Monitor; they will be used when no value has been given using a configuration file. However for some elements, alternative default values can be supplied, for example, <Program>. If the defaults are supplied through the configuration file, all subsidiaries of that element will use those defaults unless specific values are given.

<pre><!-- Program Default Parameters --> PV1 = 98 kbit/s PV2 = 34 Mbit/s PV3 = PMT test disabled</pre>	<p>Program default values: all programs will adopt these values unless specific values are given.</p>
<pre><Programs Update="Absolute"> <Program Number="1234"> PV1 = 400 kbit/s PV2 = 100 Mbit/s PV3 = PMT test enabled </Program> </Programs></pre>	<p>Specific program values: these values will be adopted by Program 1234. All other programs will adopt the default values.</p>

Example Configuration File

The following example configuration file is provided for information only. It is not intended to show *all* available elements and attributes; you can see these by examining the xsd definition file.

```
<?xml version="1.0" encoding="UTF-8"?>
<MTM400Configuration Name = "AutoBRTest"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchema-
Location="config.xsd">
  <Device>
    <UTCOffset>0</UTCOffset>
    <TimeSource>2</TimeSource>
  </Device>
  <Streams>
    <Stream Number="1">
      <PI1>4</PI1>
      <LBand Update = "Incremental" Selection = "Default">
        <LBandSettings Name = "Default">
          <OscillatorFrequency>10600000</OscillatorFrequency>
          <TransponderFrequency>11837000</TransponderFrequency>
          <PolarVolts>0</PolarVolts>
          <SymbolRate>27500000</SymbolRate>
          <ViterbiRate>2</ViterbiRate>
          <ViterbiRateAuto>1</ViterbiRateAuto>
          <Tone22K>0</Tone22K>
          <InvertSpectrum>1</InvertSpectrum>
        </LBandSettings>
      </LBand>
      <Qam Update = "Incremental" Selection = "QamADefault">
        <QamSettings Name = "QamADefault">
          <Frequency>474000000</Frequency>
          <SymbolRate>6900000</SymbolRate>
          <TwoLoFrequency>43025000</TwoLoFrequency>
          <Constellation>2</Constellation>
          <Inversion>1</Inversion>
          <LoopBWwide>0</LoopBWwide>
          <AFCwide>0</AFCwide>
          <TroubleShoot>0</TroubleShoot>
        </QamSettings>
      </Qam>
      <Nic Update = "Incremental">
        </Nic>
      <BroadcastStandard>1</BroadcastStandard>
      <DvbRegion>5</DvbRegion>
      <Satellite>1</Satellite>
      <TmccAcquisition>0</TmccAcquisition>
      <MpeAcquisition>0</MpeAcquisition>
      <ResetEventsOnSyncAcquired>0</ResetEventsOnSyncAcquired>
      <MonitorRepetitionRates>0</MonitorRepetitionRates>
      <PcrAccuracyMode>1</PcrAccuracyMode>
      <OS1>60000</OS1>
      <HoldoffMode>0</HoldoffMode>
      <TimeStamping>1</TimeStamping>
    </Stream Number="1">
  </Streams>
</MTM400Configuration>
```

```

<!-- Stream Miscellaneous Parameters -->
<PS58>Str107</PS58>
<PS60>0</PS60>

<!-- Stream Integer Parameters -->
<PS2>64000</PS2>
<PS3>300000000</PS3>
<PS5>3</PS5>
<PS6>10</PS6>

<!-- Stream Interval Parameters -->
<PS1>1000</PS1>
<PS4>100</PS4>
<PS8>3055</PS8>

<!-- Program Integer Default Parameters -->
<PV1>0</PV1>
<PV2>4294967295</PV2>
<PV3>1</PV3>

<!-- Pid Group Integer Default Parameters -->
<PG2>0</PG2>
<PG3>4294967295</PG3>

<!-- Pid Integer Default Parameters -->
<PP1>1</PP1>
<PP4>500</PP4>
<OP1>0</OP1>

<!-- Pid Interval Default Parameters -->
<PP2>40</PP2>
<PP3>100</PP3>
<PP5>700</PP5>
<PP15>2000</PP15>
<PP16>1000</PP16>
<PP17>260</PP17>
<PP18>260</PP18>

<!-- Stream Float Parameters -->
<PP9>0.000000</PP9>
<PS56>
  <ServiceList Update = "Incremental">
    <Service Number="25664">
      <Constraint>0</Constraint>
      <ServiceType>1</ServiceType>
      <ServiceName>The HITS</ServiceName>
      <PCRPID>101</PCRPID>
      <OtherPIDsAllowed>0</OtherPIDsAllowed>
      <PIDList Update = "Incremental">
        <PID Number="101">
          <Constraint>0</Constraint>
          <StreamType>2</StreamType>
          <CADescriptorPresent>0</CADescriptorPresent>
          <IsScrambled>0</IsScrambled>
        </PID>
        <PID Number="102">

```

```

        <Constraint>0</Constraint>
        <StreamType>3</StreamType>
        <CADescriptorPresent>0</CADescriptorPresent>
        <IsScrambled>0</IsScrambled>
    </PID>
    <PID Number="103">
        <Constraint>0</Constraint>
        <StreamType>6</StreamType>
        <CADescriptorPresent>0</CADescriptorPresent>
        <IsScrambled>0</IsScrambled>
    </PID>
    <PID Number="105">
        <Constraint>0</Constraint>
        <StreamType>11</StreamType>
        <CADescriptorPresent>0</CADescriptorPresent>
        <IsScrambled>0</IsScrambled>
    </PID>
</PIDList>
<RatingList>
</RatingList>
</Service>
</ServiceList>
</PS56>

<PIDS Update = "Incremental">
    <PID Number="0" ForcePresence="0">
        <PP7>10828</PP7>
        <DisabledEvents>0x3132</DisabledEvents>
    </PID>
    <PID Number="101" ForcePresence="0">
        <PP2>922</PP2>
        <PP5>977</PP5>
        <PP6>328473</PP6>
        <PP7>9590707</PP7>
        <PP50>49826</PP50>
        <PP51>245392</PP51>
        <PP53>13763</PP53>
        <DisabledEvents>0x3132</DisabledEvents>
    </PID>
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        <PP6>95052</PP6>
        <PP7>240038</PP7>
        <DisabledEvents>0x3132</DisabledEvents>
    </PID>
</PIDS>
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        <TrapRaiseEnabled>0</TrapRaiseEnabled>
        <AlarmSetting>0x0</AlarmSetting>
    </Event>
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        <Enabled>1</Enabled>
        <TrapClearEnabled>0</TrapClearEnabled>

```



```
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        <AlarmSetting>0x0</AlarmSetting>
    </Event>
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        <TrapClearEnabled>0</TrapClearEnabled>
        <TrapRaiseEnabled>0</TrapRaiseEnabled>
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    <PIDS></PIDS>
</ServiceLog>
<CIPConfiguration>

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<TrapSettings>
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</MTM400Configuration>
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Glossary

Glossary

Program and Service: In this manual, the terms program and service are interchangeable.

Accuracy

The closeness of the indicated value to the true value.

ARIB

Association of Radio Industries and Businesses

ASI

Asynchronous Serial Interface

ATSC

Advanced Television Systems Committee

BAT

Bouquet Association Table

BER

Bit Error Rate

CAT

Conditional Access Table

CRC

Cyclic Redundancy Check

CSV

Comma Separated Values

CVCT

Cable Virtual Channel Table

DNS

Domain Name Server

DVB

Digital Video Broadcasting

EIT

Event Information Table

EMM

Entitlement Management Message

ETT

Extended Text Table

EVM

Error Vector Magnitude

GMT

Greenwich Mean Time

GPSI

General Purpose Serial Interface

IIP

ISDB-T Information Packet

IP

Internet Protocol

ISA

Integrated Systems Architecture

ISDB

Integrated Services Digital Broadcasting

LNB

Low Noise Block

MER

Modulation Error Ratio

MGT

Master Guide Table

MHEG

Multimedia and Hypermedia Experts Group

MPEG

Moving Picture Experts Group

NIT

Network Information Table

PAT

Program Association Table

PCI

Peripheral Component Interconnect

PCR

Program Clock Reference

PID

Packet Identifier

PMT

Program Map Table

PSIP

Program and System Information Protocol (ATSC)

PTS

Presentation Time Stamp

QAM

Quadrature Amplitude Modulation

QPSK

Quaternary Phase-Shift Keying
(also known as Quadrature Phase-Shift Keying)

RRT

Rating Region Table

RTM

Real-Time Monitor

RUI

Remote User Interface

SCTE

Society of Cable Telecommunications

SDT

Service Description Table

SI

Service Information (DVB)

SMC

Sub Miniature Connector

SMPTE

Society of Motion Picture and Television Engineers

SNMP

Simple Network Management Protocol

SSI

Synchronous Serial Interface

STT

System Time Table

TEF

Transport Error Flag

TMCC

Transmission and Multiplexing Configuration Control (ISDB-S)

TOT

Time Offset Table

TSDT

Transport Streams Description Table

TVCT

Terrestrial Virtual Channel Table

TVRO

Television Receive Only

UTC

Coordinated Universal Time

VCT

Virtual Channel Table

XML

Extensible Markup Language