

# Technical Reference



## **MTM400A MPEG Transport Stream Monitor Test Parameter and Configuration File 071-2497-00**

This document applies to firmware versions 3.0 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](http://www.tektronix.com) to find contacts in your area.

# Table of Contents

General Safety Summary .....	iii
Service Safety Summary .....	v
Preface .....	vii
Related Material .....	vii
Manual Conventions .....	viii

## Test Parameters

<b>Standard Tests .....</b>	<b>1-3</b>
MPEG Tests .....	1-3
DVB Tests .....	1-5
ATSC Tests .....	1-9
ISDB-S Tests .....	1-12
ISDB-T Tests .....	1-15
ISDB (Partial Reception) .....	1-21
DCII Tests .....	1-26
China Tests .....	1-28
Info Tests .....	1-32
RF Tests .....	1-33
<b>Event Identity to Test Name .....</b>	<b>1-35</b>
<b>Test Name to Event Identity .....</b>	<b>1-119</b>
<b>Parameter Reference .....</b>	<b>1-137</b>
General Parameters .....	1-137
Interface Parameters .....	1-141
Stream Parameters .....	1-147
Template Parameters .....	1-172
PID Parameters .....	1-179
PID Groups Parameters .....	1-183
Events Parameters .....	1-184
Service Log Parameters .....	1-186
Trap Setting Parameters .....	1-187
Common Interface Protocol Parameters .....	1-188
Example Configuration File .....	1-188
<b>Event SNMP Traps .....</b>	<b>1-189</b>

## Configuration File Structure

Updating .....	2-2
Defaults .....	2-5
Example Configuration File .....	2-6

## Glossary

## List of Figures

Figure 1-1: Alarm settings .....	1-186
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## List of Tables

Table 1-1: Test name to event identity .....	1-119
Table 1-2: Stream Parameters .....	1-147
Table 1-3: PID Parameters .....	1-179
Table 1-4: Event SNMP Traps - MPEG .....	1-189
Table 1-5: Event SNMP Traps - DVB .....	1-194
Table 1-6: Event SNMP Traps - ATSC .....	1-201
Table 1-7: Event SNMP Traps - ISDB-S .....	1-206
Table 1-8: Event SNMP Traps - ISDB-T .....	1-212
Table 1-9: Event SNMP Traps - ISDB (Partial Reception) .....	1-219
Table 1-10: Event SNMP Traps -DCII .....	1-226
Table 1-11: Event SNMP Traps - China .....	1-231
Table 1-12: Event SNMP Traps - IP .....	1-237
Table 2-1: Absolute update – example .....	2-3
Table 2-2: Incremental update – example .....	2-3

# 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:



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

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

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**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 MTM400A MPEG Transport Stream Monitor:

- *Test Parameters* describes the tests performed by the MTM400A monitor; 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 1–35); includes a brief description of the test, the applicable standards and the associated parameters.
  - Test Name to Event Identity (page 1–119) is a cross-reference between Test Names and Event identities.
  - The Parameter Reference subsection (page 1–137) lists all available parameters.
  - Event SNMP Traps tables (page 1–189) lists the SNMP (Simple Network Management Protocol) traps available for each event.
- *Configuration File* describes the structure and composition of the MTM400A configuration file.

## Model Numbers

This document describes the test parameters and configuration file of the MTM400A and the MTM400 instruments. All references in the test parameters and configuration file on both models are to the MTM400. This ensures that consistency is maintained between the two models.

## Related Material

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

The *MTM400A MPEG Transport Stream Monitor Quick Start User Manual* (Tektronix part number: 071-2492-xx) provides installation and high-level operational overviews. This manual is available in English and Japanese languages.

The *MTM400A MPEG Transport Stream Monitor Technical Reference* (Tektronix part number: 071-2495-xx) provides in-depth operating information.

The *MTM400A MPEG Transport Stream Monitor Programmer Manual* (Tektronix part number: 071-2498-xx) specifies the remote control and status monitoring interfaces available to a management application.

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/](http://www.iso.org/)
- DVB standards (European Technical Standards Institute)  
[www.etsi.org/](http://www.etsi.org/)
- ATSC standards (Advanced Television Systems Committee)  
[www.atsc.org/](http://www.atsc.org/)
- ISDB/ARIB standards (Association of Radio Industries and Businesses)  
[www.arib.or.jp/english/](http://www.arib.or.jp/english/)
- SCTE Society of Cable Television Engineers  
[www.scte.org](http://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 Web sites listed on page x. 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 1–35) includes a brief description of the test, the applicable standards and the associated parameters.
- Test Name to Event Identity (Table 1–1, page 1–119) is a cross-reference between Test Names and Event identities.
- The Parameter Reference subsection (page 1–137) lists all available parameters.
- Event Traps tables (page 1–189) lists the SNMP (Simple Network Management Protocol) traps available for each event.

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

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# 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 1–5
- ATSC Tests, page 1–9
- ISDB-S Tests, page 1–12
- ISDB-T Tests, page 1–15
- ISDB (Partial Reception), page 1–21
- DCII Tests, page 1–26
- China Tests, page 1–28
- Info Tests, page 1–32
- RF Tests, page 1–33

## MPEG Tests

```
MPEG TR 101 290 : Event ID = 37f7
Priority 1 : Event ID = 37f3
  1.1 Sync : Event ID = 3011
  1.2 Sync Byte : Event ID = 3012
  1.3.a PAT : Event ID = 3018
    1.3 PAT (Timer) : Event ID = 3100
    1.3 PAT (Table ID) : Event ID = 3101
    1.3 PAT (Scrambling) : Event ID = 3102
  1.4 Continuity : Event ID = 3014
  PID Test : 1.4 Continuity : Event ID = 3132
  1.5.a PMT : Event ID = 3019
    1.5 PMT (Timer) : Event ID = 3103
      Ind PMT Err Timer : Event ID = 3160
      Program Test : 1.5 PMT (Timer) : Event ID = 3160
    1.5 PMT (Scrambling) : Event ID = 3104
  1.6 PID : Event ID = 3016
  PID Test : 1.6 PID : Event ID = 3017
Priority 2 : Event ID = 37f4
  2.1 Transport : Event ID = 3021
  2.2 CRC : Event ID = 3022
  2.3.a PCR Repetition : Event ID = 3150
  PID Test : 2.3.a PCR Repetition : Event ID = 3117
```

2.3.b PCR Discontinuity Indicator : Event ID = 3151  
PID Test : 2.3.b PCR Discontinuity Indicator : Event ID = 3118

2.4 PCR Accuracy : Event ID = 3024  
PID Test : 2.4 PCR Accuracy : Event ID = 3028

2.5 PTS : Event ID = 3025  
PID Test : 2.5 PTS : Event ID = 3728

2.6 CAT : Event ID = 3026  
2.6 CAT (Scrambling) : Event ID = 3114

Priority 3 : Event ID = 37f5

3.2 SI repetition : Event ID = 3032  
CAT max subtable RI : Event ID = 3115  
PAT max section RI : Event ID = 3950

3.4.a Unref PID : Event ID = 303b  
PID Test : 3.4.a Unref PID : Event ID = 303a

Other : Event ID = 37f2

Table Tests : Event ID = 37f6

Any Table Syntax : Event ID = 3520  
PAT Syntax : Event ID = 3500  
PMT Syntax : Event ID = 3501  
CAT Syntax : Event ID = 3502  
DPI/SIT Syntax : Event ID = 3828

Table Id Error : Event ID = 37fb

Timer Error : Event ID = 37fc

PAT/PMT Consistency : Event ID = 3330

Miscellaneous : Event ID = 37f9

TS Availability : Event ID = 3053

PID Occupancy : Event ID = 2001  
PID Test : PID Occupancy : Event ID = 2004

Prog Occupancy : Event ID = 2002  
Program occupancy error : Event ID = 3039  
Program Test : Prog Occupancy : Event ID = 3039

PCR Overall Jitter (PCR\_OJ) : Event ID = 3040  
PID Test : PCR Overall Jitter (PCR\_OJ) : Event ID = 3043

PCR Frequency Offset (PCR\_FO) : Event ID = 3041  
PID Test : PCR Frequency Offset (PCR\_FO) : Event ID = 3044

PCR Drift Rate (PCR\_DR) : Event ID = 3042  
PID Test : PCR Drift Rate (PCR\_DR) : Event ID = 3045

DPI/SIT Any Errors : Event ID = 382a  
Multiple (>1) DPI/SIT PIDs per Program : Event ID = 3823  
Excess (>8) DPI/SIT PIDs per Program : Event ID = 3824  
DPI/SIT Encrypted Error : Event ID = 3825  
DPI/SIT Missing : Event ID = 3826  
Ind DPI/SIT Missing : Event ID = 3827  
DPI/SIT Syntax : Event ID = 3828  
DPI/SIT Max subtable RI : Event ID = 3829

DPI/SIT Any information events : Event ID = c01d

DPI/SIT Data : Event ID = c017  
DPI/SIT Splice Cancel : Event ID = c018  
DPI/SIT Splice : Event ID = c019  
DPI/SIT Program Splice : Event ID = c01a  
DPI/SIT Component Splice : Event ID = c01b

PID Group Occupancy : Event ID = 2005  
PID group occupancy error : Event ID = 2003

PID Bit Rate Variability : Event ID = 2010  
PID Test : PID Bit Rate Variability : Event ID = 2011

Discontinuity : Event ID = 3131



PID Test : Discontinuity : Event ID = 3133  
 Transport Stream Occupancy : Event ID = 3600  
 Service Log Overflow : Event ID = 5200  
 Program Information : Event ID = c001  
 PTS/DTS Syntax Error : Event ID = 3054  
 Any Template Error : Event ID = 6fff  
 Template Header Error : Event ID = 6000  
   Template TransportStreamId error : Event ID = 6010  
   Template NetworkId error : Event ID = 6020  
   Template OriginalNetworkId error : Event ID = 6030  
   Template ServiceNumber error : Event ID = 6040  
 Any Template Service Error : Event ID = 6100  
   Template PcrPid error : Event ID = 6110  
   Template ServiceType error : Event ID = 6120  
   Template ServiceName error : Event ID = 6130  
   Template Service constraint error : Event ID = 6140  
   Template OtherPidsAllowed error : Event ID = 6150  
 Any Template PID Error : Event ID = 6200  
   Template CADescriptorPresent error : Event ID = 6210  
   Template Pid scrambling error : Event ID = 6220  
   Template StreamType error : Event ID = 6230  
   Template Pid constraint error : Event ID = 6240  
 Any Template Rating Error : Event ID = 6300  
   Template DVB/ATSC Ratings error : Event ID = 6301

## DVB Tests

Any Stream error : Event ID = 2000  
 TR 101 290 : Event ID = 37f7  
 Priority 1 : Event ID = 37f3  
   1.1 Sync : Event ID = 3011  
   1.2 Sync Byte : Event ID = 3012  
   1.3.a PAT : Event ID = 3018  
     1.3 PAT (Timer) : Event ID = 3100  
     1.3 PAT (Table ID) : Event ID = 3101  
     1.3 PAT (Scrambling) : Event ID = 3102  
     PAT max section RI : Event ID = 3950  
   1.4 Continuity : Event ID = 3014  
     PID Test : 1.4 Continuity : Event ID = 3132  
   1.5.a PMT : Event ID = 3019  
     1.5 PMT (Timer) : Event ID = 3103  
       Ind PMT Err Timer : Event ID = 3160  
       Program Test : 1.5 PMT (Timer) : Event ID = 3160  
     1.5 PMT (Scrambling) : Event ID = 3104  
   1.6 PID : Event ID = 3016  
     PID Test : 1.6 PID : Event ID = 3017  
 Priority 2 : Event ID = 37f4  
   2.1 Transport : Event ID = 3021  
   2.2 CRC : Event ID = 3022  
   2.3.a PCR Repetition : Event ID = 3150  
     PID Test : 2.3.a PCR Repetition : Event ID = 3117  
   2.3.b PCR Discontinuity Indicator : Event ID = 3151  
     PID Test : 2.3.b PCR Discontinuity Indicator : Event ID = 3118  
   2.4 PCR Accuracy : Event ID = 3024

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

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

Timer Error : Event ID = 37fc  
3.8 TDT (Timer) : Event ID = 3112  
CAT Timer : Event ID = 395b  
PAT/PMT Consistency : Event ID = 3330  
PAT/SDT Consistency : Event ID = 3331  
Miscellaneous : Event ID = 37f9  
TS Availability : Event ID = 3053  
PID Occupancy : Event ID = 2001  
PID Test : PID Occupancy : Event ID = 2004  
Prog Occupancy : Event ID = 2002  
Program occupancy error : Event ID = 3039  
Program Test : Prog Occupancy : Event ID = 3039  
PCR Overall Jitter (PCR\_OJ) : Event ID = 3040  
PID Test : PCR Overall Jitter (PCR\_OJ) : Event ID = 3043  
PCR Frequency Offset (PCR\_FO) : Event ID = 3041  
PID Test : PCR Frequency Offset (PCR\_FO) : Event ID = 3044  
PCR Drift Rate (PCR\_DR) : Event ID = 3042  
PID Test : PCR Drift Rate (PCR\_DR) : Event ID = 3045  
DPI/SIT Any Errors : Event ID = 382a  
Multiple (>1) DPI/SIT PIDs per Program : Event ID = 3823  
Excess (>8) DPI/SIT PIDs per Program : Event ID = 3824  
DPI/SIT Encrypted Error : Event ID = 3825  
DPI/SIT Missing : Event ID = 3826  
Ind DPI/SIT Missing : Event ID = 3827  
DPI/SIT Syntax : Event ID = 3828  
DPI/SIT Max subtable RI : Event ID = 3829  
DPI/SIT Any information events : Event ID = c01d  
DPI/SIT Data : Event ID = c017"/>  
DPI/SIT Splice Cancel : Event ID = c018"/>  
DPI/SIT Splice : Event ID = c019"/>  
DPI/SIT Program Splice : Event ID = c01a"/>  
DPI/SIT Component Splice : Event ID = c01b"/>  
PID Group Occupancy : Event ID = 2005  
PID group occupancy error : Event ID = 2003  
PID Bit Rate Variability : Event ID = 2010  
PID Test : PID Bit Rate Variability : Event ID = 2011  
Discontinuity : Event ID = 3131  
PID Test : Discontinuity : Event ID = 3133  
Transport Stream Occupancy : Event ID = 3600  
Service Log Overflow : Event ID = 5200  
Any Template Error : Event ID = 6fff  
Template Header Error : Event ID = 6000  
Template TransportStreamId error : Event ID = 6010  
Template NetworkId error : Event ID = 6020  
Template OriginalNetworkId error : Event ID = 6030  
Template ServiceNumber error : Event ID = 6040  
Any Template Service Error : Event ID = 6100  
Template PcrPid error : Event ID = 6110  
Template ServiceType error : Event ID = 6120  
Template ServiceName error : Event ID = 6130  
Template Service constraint error : Event ID = 6140  
Template OtherPidsAllowed error : Event ID = 6150  
Any Template PID Error : Event ID = 6200  
Template CADescriptorPresent error : Event ID = 6210  
Template Pid scrambling error : Event ID = 6220  
Template StreamType error : Event ID = 6230

Template Pid constraint error : Event ID = 6240  
 Any Template Rating Error : Event ID = 6300  
 Template DVB/ATSC Ratings error : Event ID = 6301  
 SFN Error : Event ID = 3400  
 SFN (No MIP) : Event ID = 3401  
     SFN One MIP per M/F : Event ID = 3410  
     SFN Repetition : Event ID = 3411  
 SFN (Invalid MIP) : Event ID = 3403  
     SFN MIP Length : Event ID = 3412  
     SFN CRC : Event ID = 3413  
     SFN MIP Coding : Event ID = 3414  
     SFN Periodicity Consistency : Event ID = 3415  
     SFN Pointer Consistency : Event ID = 3416  
 SFN (Timer) : Event ID = 3404

## ATSC Tests

Priority Tests : Event ID = 37f7  
 Priority 1 : Event ID = 37f3  
     1.1 Sync : Event ID = 3011  
     1.2 Sync Byte : Event ID = 3012  
     1.3.a PAT : Event ID = 3018  
         1.3 PAT (Timer) : Event ID = 3100  
         1.3 PAT (Table ID) : Event ID = 3101  
         1.3 PAT (Scrambling) : Event ID = 3102  
     1.4 Continuity : Event ID = 3014  
         PID Test = 1.4 Continuity : Event ID = 3132  
     1.5.a PMT : Event ID = 3019  
         1.5 PMT (Timer) : Event ID = 3103  
             Ind PMT Err Timer : Event ID = 3160  
             Program Test = 1.5 PMT (Timer) : Event ID = 3160  
         1.5 PMT (Scrambling) : Event ID = 3104  
     1.6 PID : Event ID = 3016  
         PID Test = 1.6 PID : Event ID = 3017  
 Priority 2 : Event ID = 37f4  
     2.1 Transport : Event ID = 3021  
     2.2 CRC : Event ID = 3022  
     2.3.a PCR Repetition : Event ID = 3150  
         PID Test = 2.3.a PCR Repetition : Event ID = 3117  
     2.3.b PCR Discontinuity Indicator : Event ID = 3151  
         PID Test = 2.3.b PCR Discontinuity Indicator : Event ID = 3118  
     2.4 PCR Accuracy : Event ID = 3024  
         PID Test = 2.4 PCR Accuracy : Event ID = 3028  
     2.5 PTS : Event ID = 3025  
         PID Test = 2.5 PTS : Event ID = 3728  
     2.6 CAT : Event ID = 3026  
         2.6 CAT (Scrambling) : Event ID = 3114  
 Other : Event ID = 37f2  
 Table Tests : Event ID = 37f6  
     Any Table Syntax : Event ID = 3520  
     PAT Syntax : Event ID = 3500  
     PMT Syntax : Event ID = 3501  
     CAT Syntax : Event ID = 3502  
     MGT Syntax : Event ID = 350a

RRT Syntax : Event ID = 350b  
VCT Syntax : Event ID = 350c  
EIT-k Syntax : Event ID = 350d  
STT Syntax : Event ID = 350e  
ETT Syntax : Event ID = 350f  
DCCT Syntax : Event ID = 3510  
DCCSCT Syntax : Event ID = 3511  
DPI/SIT Syntax : Event ID = 3828  
Table Id Error : Event ID = 37fb  
Timer Error : Event ID = 37fc  
  A/65 VCT (Timer) : Event ID = 3210  
    Ind VCT max subtable RI : Event ID = 374b  
  A/65 MGT (Timer) : Event ID = 3211  
  A/65 STT (Timer) : Event ID = 3212  
  A/65 RRT (Timer) : Event ID = 3213  
A/65 MGT : Event ID = 3201  
  A/65 MGT (Timer) : Event ID = 3211  
  MGT Missing : Event ID = 3755  
A/65 STT : Event ID = 3202  
  A/65 STT (Timer) : Event ID = 3212  
  STT Missing : Event ID = 3758  
A/65 RRT : Event ID = 3203  
  A/65 RRT (Timer) : Event ID = 3213  
  RRT Missing : Event ID = 3757  
A/65 EIT : Event ID = 3204  
  EIT-0,1,2,3 Max Sect Reptn Int : Event ID = 3727  
  EIT-0,1,2,3 Missing : Event ID = 3759  
A/65 VCT : Event ID = 3205  
  A/65 VCT (Timer) : Event ID = 3210  
    Ind VCT max subtable RI : Event ID = 374b  
  VCT Max Sect Reptn Int : Event ID = 374c  
  VCT Missing : Event ID = 3756  
A/65 ETT : Event ID = 3206  
MGT/EIT-k presence : Event ID = 3230  
MGT Missing : Event ID = 3755  
VCT Missing : Event ID = 3756  
EIT-0,1,2,3 Missing : Event ID = 3759  
STT Missing : Event ID = 3758  
RRT Missing : Event ID = 3757  
PAT/PMT Consistency : Event ID = 3330  
PAT/VCT consistency : Event ID = 3332  
EIT-0,1,2,3 Max Sect Reptn Int : Event ID = 3727  
Miscellaneous : Event ID = 37f9  
  TS Availability : Event ID = 3053  
  PID Occupancy : Event ID = 2001  
    PID Test = PID Occupancy : Event ID = 2004  
  Prog Occupancy : Event ID = 2002  
    Progran occupancy error : Event ID = 3039  
    Program Test = Prog Occupancy : Event ID = 3039  
  PCR Overall Jitter (PCR\_OJ) : Event ID = 3040  
    PID Test = PCR Overall Jitter (PCR\_OJ) : Event ID = 3043  
  PCR Frequency Offset (PCR\_FO) : Event ID = 3041  
    PID Test = PCR Frequency Offset (PCR\_FO) : Event ID = 3044  
  PCR Drift Rate (PCR\_DR) : Event ID = 3042  
    PID Test = PCR Drift Rate (PCR\_DR) : Event ID = 3045  
  DPI/SIT Any Errors : Event ID = 382a

Multiple (>1) DPI/SIT PIDs per Program : Event ID = 3823  
 Excess (>8) DPI/SIT PIDs per Program : Event ID = 3824  
 DPI/SIT Encrypted Error : Event ID = 3825  
 DPI/SIT Missing : Event ID = 3826  
   Ind DPI/SIT Missing : Event ID = 3827  
 DPI/SIT Syntax : Event ID = 3828  
 DPI/SIT Max subtable RI : Event ID = 3829  
 DPI/SIT Any information events : Event ID = c01d  
   DPI/SIT Data : Event ID = c017  
   DPI/SIT Splice Cancel : Event ID = c018  
   DPI/SIT Splice : Event ID = c019  
   DPI/SIT Program Splice : Event ID = c01a  
   DPI/SIT Component Splice : Event ID = c01b  
 PID Group Occupancy : Event ID = 2005  
   PID group occupancy error : Event ID = 2003  
 PID Bit Rate Variability : Event ID = 2010  
   PID Test = PID Bit Rate Variability : Event ID = 2011  
 Discontinuity : Event ID = 3131  
   PID Test = Discontinuity : Event ID = 3133  
 A/65 Base PID : Event ID = 3208  
 A53 non-AC3 Audio : Event ID = 3860  
 A/53 Prog P'digm : Event ID = 3320  
 Transport Stream Occupancy : Event ID = 3600  
 Service Log Overflow : Event ID = 5200  
 Program Information : Event ID = c001  
 PTS/DTS Syntax Error : Event ID = 3054  
 Any Template Error : Event ID = 6fff  
   Template Header Error : Event ID = 6000  
     Template TransportStreamId error : Event ID = 6010  
     Template NetworkId error : Event ID = 6020  
     Template OriginalNetworkId error : Event ID = 6030  
     Template ServiceNumber error : Event ID = 6040  
   Any Template Service Error : Event ID = 6100  
     Template PcrPid error : Event ID = 6110  
     Template ServiceType error : Event ID = 6120  
     Template ServiceName error : Event ID = 6130  
     Template Service constraint error : Event ID = 6140  
     Template OtherPidsAllowed error : Event ID = 6150  
   Any Template PID Error : Event ID = 6200  
     Template CADescriptorPresent error : Event ID = 6210  
     Template Pid scrambling error : Event ID = 6220  
     Template StreamType error : Event ID = 6230  
     Template Pid constraint error : Event ID = 6240  
   Any Template Rating Error : Event ID = 6300  
     Template DVB/ATSC Ratings error : Event ID = 6301

## 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  
  1.4 Continuity : EventID = 3014  
    PID Test : 1.4 Continuity : EventID = 3132  
  1.5.a PMT : EventID = 3019  
    1.5 PMT (Timer) : EventID = 3103  
      Ind PMT Err Timer : EventID = 3160  
      Program Test : 1.5 PMT (Timer) : EventID = 3160  
    1.5 PMT (Scrambling) : EventID = 3104  
  1.6 PID : EventID = 3016  
    PID Test : 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  
    PID Test : 2.3.a PCR Repetition : EventID = 3117  
  2.3.b PCR Discontinuity Indicator : EventID = 3151  
    PID Test : 2.3.b PCR Discontinuity Indicator : EventID = 3118  
  2.4 PCR Accuracy : EventID = 3024  
    PID Test : 2.4 PCR Accuracy : EventID = 3028  
  2.5 PTS : EventID = 3025  
    PID Test : 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 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  
 PAT max section RI : EventID = 3950  
 3.4.a Unreferenced PID : EventID = 303b  
   PID Test : 3.4.a Unreferenced PID : EventID = 303a  
 3.5.a SDT Actual : EventID = 3142  
   3.5 SDT (Table ID) : EventID = 3106  
   SDT Actual Timer : EventID = 3952  
 3.5.b SDT Other : EventID = 370e  
   Ind SDT other max section RI : EventID = 3732  
 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  
   Ind DVB EIT P/F presence consistency : EventID = 3051  
   DVB 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  
 TOT : EventID = 3134  
 TOT Min Section Reptn Int : EventID = 371e  
 Ind TOT min section RI : EventID = 373d  
 TOT Max Section Reptn Int : EventID = 371f  
 TOT (Table ID) : EventID = 3119  
 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  
 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 Test : PID Occupancy : EventID = 2004  
 Prog Occupancy : EventID = 2002  
 Program occupancy error : EventID = 3039  
 Program Test : Prog Occupancy : EventID = 3039  
 PCR Overall Jitter (PCR\_OJ) : EventID = 3040  
 PID Test : PCR Overall Jitter (PCR\_OJ) : EventID = 3043  
 PCR Frequency Offset (PCR\_FO) : EventID = 3041  
 PID Test : PCR Frequency Offset (PCR\_FO) : EventID = 3044  
 PCR Drift Rate (PCR\_DR) : EventID = 3042  
 PID Test : 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  
 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 Component Splice : EventID = c01b  
 PID Group Occupancy : EventID = 2005  
 PID group occupancy error : EventID = 2003  
 PID Bit Rate Variability : EventID = 2010  
 PID Test : PID Bit Rate Variability : EventID = 2011  
 Discontinuity : EventID = 3131  
 PID Test : Discontinuity : EventID = 3133  
 Transport Stream Occupancy : EventID = 3600  
 Service Log Overflow : EventID = 5200  
 Program Information : EventID = c001  
 PTS/DTS Syntax Error : EventID = 3054  
 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 : Event ID = 37f8  
 ISDBT NIT Terrestrial Delivery Validation : Event ID = 37a1  
 ISDBT Mode/Guard Interval Validation : Event ID = 379e  
 ISDBT Time Interleaving Validation : Event ID = 379f  
 ISDBT Modulation/Error Compensation Validation : Event ID = 37a0  
 ISDBT Partial Reception/TS Information Consistency : Event ID = 37a3  
 ISDBT Guard Interval Consistency : Event ID = 379a  
 ISDBT Transmission Mode Consistency : Event ID = 379b  
 ISDBT Partial Reception Consistency : Event ID = 379c  
 ISDBT Modulation Consistency : Event ID = 379d  
 ISDBT NIT Service List Consistency : Event ID = 37a2  
 ISDBT EIT Type Content Check : Event ID = 37a5  
 ISDBT EIT Unique Event Id : Event ID = 37a6  
 ISDBT SDT/EIT Consistency : Event ID = 37a7  
 Ind ISDBT SDT/EIT Consistency : Event ID = 37a8  
 ISDBT NIT/EIT Consistency : Event ID = 37aa  
 Ind ISDBT NIT/EIT Consistency : Event ID = 37ab  
 Ind ISDBT NIT/EIT Consistency : Event ID = 37ab  
 ISDBT NIT/SDT Consistency : Event ID = 37b1

ISDBT Any IIP CRC : Event ID = 37b4  
ISDBT IIP MCCI CRC : Event ID = 37b2  
ISDBT IIP SFN Sync CRC : Event ID = 37b3  
ISDBT IIP Branching : Event ID = 37c1  
ISDBT IIP Error : Event ID = 37c2  
ISDBT TMCC Id Error : Event ID = 37c3  
ISDBT Max Partial Reception Services Error : Event ID = 37c4  
ISDBT NIT/PMT Consistency : Event ID = 37c5  
ISDBT Partial Reception Service ID Check : Event ID = 37c6  
HEIT Schedule : Event ID = 37fd  
H-EIT basic schedule max subtable RI for TV : Event ID = 37b5  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 1 :  
Event ID = 37d0  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 2 :  
Event ID = 37d1  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 3 :  
Event ID = 37d2  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group Base :  
Event ID = 37d3  
H-EIT basic schedule max subtable RI for audio : Event ID = 37b6  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 1 :  
Event ID = 37d4  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 2 :  
Event ID = 37d5  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 3 :  
Event ID = 37d6  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group Base :  
Event ID = 37d7  
H-EIT basic schedule max subtable RI for data : Event ID = 37b7  
Ind H-EIT basic schedule max subtable RI for data Cycle Group 1 :  
Event ID = 37d8  
Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :  
Event ID = 37d9  
Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :  
Event ID = 37da  
Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :  
Event ID = 37db  
H-EIT extended schedule max subtable RI for TV : Event ID = 37b8  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 1 :  
Event ID = 37dc  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 2 :  
Event ID = 37dd  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group 3 :  
Event ID = 37de  
Ind H-EIT basic schedule max subtable RI for TV Cycle Group Base :  
Event ID = 37df  
H-EIT extended schedule max subtable RI for audio : Event ID = 37b9  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 1 :  
Event ID = 37e0  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 2 :  
Event ID = 37e1  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group 3 :  
Event ID = 37e2  
Ind H-EIT basic schedule max subtable RI for audio Cycle Group Base :  
Event ID = 37e3  
H-EIT extended schedule max subtable RI for data : Event ID = 37ba

Ind H-EIT basic schedule max subtable RI for data Cycle Group 1 :  
 Event ID = 37e4  
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :  
 Event ID = 37e5  
 Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :  
 Event ID = 37e6  
 Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :  
 Event ID = 37e7  
 Priority Tests : Event ID = 37f7  
 Priority 1 : Event ID = 37f3  
 1.1 Sync : Event ID = 3011  
 1.2 Sync Byte : Event ID = 3012  
 1.3.a PAT : Event ID = 3018  
 1.3 PAT (Timer) : Event ID = 3100  
 1.3 PAT (Table ID) : Event ID = 3101  
 1.3 PAT (Scrambling) : Event ID = 3102  
 1.4 Continuity : Event ID = 3014  
 PID Test : 1.4 Continuity : Event ID = 3132  
 1.5.a PMT : Event ID = 3019  
 1.5 PMT (Timer) : Event ID = 3103  
 Ind PMT Err Timer : Event ID = 3160  
 Program Test : 1.5 PMT (Timer) : Event ID = 3160  
 1.5 PMT (Scrambling) : Event ID = 3104  
 1.6 PID : Event ID = 3016  
 PID Test : 1.6 PID : Event ID = 3017  
 Priority 2 : Event ID = 37f4  
 2.1 Transport : Event ID = 3021  
 2.2 CRC : Event ID = 3022  
 2.3.a PCR Repetition : Event ID = 3150  
 PID Test : 2.3.a PCR Repetition : Event ID = 3117  
 2.3.b PCR Discontinuity Indicator : Event ID = 3151  
 PID Test : 2.3.b PCR Discontinuity Indicator : Event ID = 3118  
 2.4 PCR Accuracy : Event ID = 3024  
 PID Test : 2.4 PCR Accuracy : Event ID = 3028  
 2.5 PTS : Event ID = 3025  
 PID Test : 2.5 PTS : Event ID = 3728  
 2.6 CAT : Event ID = 3026  
 2.6 CAT (Table ID) : Event ID = 3107  
 2.6 CAT (Scrambling) : Event ID = 3114  
 Priority 3 : Event ID = 37f5  
 3.1.a NIT : Event ID = 3140  
 3.1 NIT (Table ID) : Event ID = 3109  
 NIT Actual Timer : Event ID = 3951  
 3.2 SI Repetition : Event ID = 3032  
 NIT Min Section Reptn Int : Event ID = 3703  
 Ind NIT actual min section RI : Event ID = 3729  
 NIT Max Section Reptn Int : Event ID = 3705  
 NIT Max Subtable Reptn Int : Event ID = 3704  
 Ind NIT actual max subtable RI : Event ID = 372a  
 SDT Min Section Reptn Int : Event ID = 3709  
 Ind SDT actual min section RI : Event ID = 372e  
 SDT Max Section Reptn Int : Event ID = 370b  
 SDT Max Subtable Reptn Int : Event ID = 370a  
 Ind SDT actual max subtable RI : Event ID = 372f  
 TOT Min Sect Reptn Int : Event ID = 371e  
 Ind TOT min section RI : Event ID = 373d

TOT Max Sect Reptn Int : Event ID = 371f  
CAT max subtable RI : Event ID = 3115  
BIT Max Subtable Reptn Int : Event ID = 3763  
  Ind BIT max subtable RI : Event ID = 3744  
CDT Max Subtable Reptn Int : Event ID = 3776  
  Ind CDT max subtable RI : Event ID = 374d  
BIT Min Section Reptn Int : Event ID = 3762  
  Ind BIT min section RI : Event ID = 3743  
CDT Min Sect Reptn Int : Event ID = 3775  
  Ind CDT min section RI : Event ID = 374e  
M-EIT Max Subtable Reptn Int : Event ID = 375c  
L-EIT Max Subtable Reptn Int : Event ID = 375e  
M-EIT Min Sect Reptn Int : Event ID = 375d  
L-EIT Min Sect Reptn Int : Event ID = 375f  
SDTT(H) max subtable RI : Event ID = 37e9  
  Ind SDTT(H) max subtable RI : Event ID = 37eb  
SDTT(H) min section RI : Event ID = 37e8  
  Ind SDTT(H) min section RI : Event ID = 37ea  
SDTT(L) max subtable RI : Event ID = 37ed  
  Ind SDTT(L) max subtable RI : Event ID = 37ef  
SDTT(L) min section RI : Event ID = 37ec  
  Ind SDTT(L) min section RI : Event ID = 37ee  
PAT max section RI : Event ID = 3950  
3.4.a Unref PID : Event ID = 303b  
  PID Test : 3.4.a Unref PID : Event ID = 303a  
3.5.a SDT : Event ID = 3142  
  3.5 SDT (Table ID) : Event ID = 3106  
  SDT Actual Timer : Event ID = 3952  
3.6c EIT PF : Event ID = 3333  
  Ind DVB EIT P/F presence consistency : Event ID = 3051  
  DVB EIT P/F Presence Consistency : Event ID = 3052  
Other : Event ID = 37f2  
Table Tests : Event ID = 37f6  
  Any Table Syntax : Event ID = 3520  
  PAT Syntax : Event ID = 3500  
  PMT Syntax : Event ID = 3501  
  CAT Syntax : Event ID = 3502  
  NIT Syntax : Event ID = 3503  
  SDT Syntax : Event ID = 3505  
  EIT Syntax : Event ID = 3506  
  TOT Syntax : Event ID = 3508  
  BIT Syntax : Event ID = 3792  
  CDT Syntax : Event ID = 3799  
  SDTT(L) Syntax : Event ID = 37f1  
  SDTT(H) Syntax : Event ID = 37f0  
  DPI/SIT Syntax : Event ID = 3828  
  H-EIT Syntax : Event ID = 3519  
  M-EIT Syntax : Event ID = 351a  
  L-EIT Syntax : Event ID = 351b  
  H-EIT Basic Schedule Syntax : Event ID = 351c  
  H-EIT Extended Schedule Syntax : Event ID = 351d  
Table Id Error : Event ID = 37fb  
  TOT (Table ID) : Event ID = 3119  
  H-EIT (Table ID) : Event ID = 311a  
  M-EIT (Table ID) : Event ID = 311b  
  L-EIT (Table ID) : Event ID = 311c

L-SDTT (Table ID) : Event ID = 311d  
 H-SDTT (Table ID) : Event ID = 311e  
 SIT (Table ID) : Event ID = 311f  
 DIT (Table ID) : Event ID = 3126  
 BIT (Table ID) : Event ID = 3781  
 TOT : Event ID = 3134  
   TOT Min Sect Reptn Int : Event ID = 371e  
   Ind TOT min section RI : Event ID = 373d  
   TOT Max Sect Reptn Int : Event ID = 371f  
   TOT (Table ID) : Event ID = 3119  
 H-EIT : Event ID = 3127  
   H-EIT (Table ID) : Event ID = 311a  
   H-EIT PF Min Sect Reptn Int : Event ID = 370f  
   Ind DVB EIT actual p/f min section RI : Event ID = 3733  
   H-EIT PF Max Subtable Reptn Int : Event ID = 3710  
   Ind DVB EIT actual p/f max subtable RI : Event ID = 3734  
 M-EIT : Event ID = 3128  
   M-EIT (Table ID) : Event ID = 311b  
   M-EIT Max Subtable Reptn Int : Event ID = 375c  
   M-EIT Min Sect Reptn Int : Event ID = 375d  
 L-EIT : Event ID = 3129  
   L-EIT (Table ID) : Event ID = 311c  
   L-EIT Max Subtable Reptn Int : Event ID = 375e  
   L-EIT Min Sect Reptn Int : Event ID = 375f  
 L-SDTT : Event ID = 312b  
   SDTT(L) min section RI : Event ID = 37ec  
   Ind SDTT(L) min section RI : Event ID = 37ee  
   SDTT(L) max subtable RI : Event ID = 37ed  
   Ind SDTT(L) max subtable RI : Event ID = 37ef  
   L-SDTT (Table ID) : Event ID = 311d  
 H-SDTT : Event ID = 312a  
   SDTT(H) min section RI : Event ID = 37e8  
   Ind SDTT(H) min section RI : Event ID = 37ea  
   SDTT(H) max subtable RI : Event ID = 37e9  
   Ind SDTT(H) max subtable RI : Event ID = 37eb  
   H-SDTT (Table ID) : Event ID = 311e  
 SIT : Event ID = 312d  
   SIT (Table ID) : Event ID = 311f  
 DIT : Event ID = 312c  
   DIT (Table ID) : Event ID = 3126  
 CDT : Event ID = 3777  
   CDT Min Sect Reptn Int : Event ID = 3775  
   Ind CDT min section RI : Event ID = 374e  
   CDT Max Subtable Reptn Int : Event ID = 3776  
   Ind CDT max subtable RI : Event ID = 374d  
 BIT : Event ID = 3771  
   BIT Min Section Reptn Int : Event ID = 3762  
   Ind BIT min section RI : Event ID = 3743  
   BIT Max Subtable Reptn Int : Event ID = 3763  
   Ind BIT max subtable RI : Event ID = 3744  
   BIT (Table ID) : Event ID = 3781  
 PAT/PMT Consistency : Event ID = 3330  
 DSM-CC error : Event ID = 3910  
   DII min RI : Event ID = 3908  
   Ind DII min repetition error : Event ID = 3909  
   DII max RI : Event ID = 390c

Ind DII max repetition error : Event ID = 390d  
DII Timeout : Event ID = 3905  
DII download completion : Event ID = 390e  
Ind DII completion : Event ID = 390f  
Miscellaneous : Event ID = 37f9  
TS Availability : Event ID = 3053  
PID Occupancy : Event ID = 2001  
PID Test : PID Occupancy : Event ID = 2004  
Prog Occupancy : Event ID = 2002  
Program occupancy error : Event ID = 3039  
Program Test : Prog Occupancy : Event ID = 3039  
PCR Overall Jitter (PCR\_OJ) : Event ID = 3040  
PID Test : PCR Overall Jitter (PCR\_OJ) : Event ID = 3043  
PCR Frequency Offset (PCR\_FO) : Event ID = 3041  
PID Test : PCR Frequency Offset (PCR\_FO) : Event ID = 3044  
PCR Drift Rate (PCR\_DR) : Event ID = 3042  
PID Test : PCR Drift Rate (PCR\_DR) : Event ID = 3045  
DPI/SIT Any Errors : Event ID = 382a  
Multiple (>1) DPI/SIT PIDs per Program : Event ID = 3823  
Excess (>8) DPI/SIT PIDs per Program : Event ID = 3824  
DPI/SIT Encrypted Error : Event ID = 3825  
DPI/SIT Missing : Event ID = 3826  
Ind DPI/SIT Missing : Event ID = 3827  
DPI/SIT Syntax : Event ID = 3828  
DPI/SIT Max subtable RI : Event ID = 3829  
DPI/SIT Any information events : Event ID = c01d  
DPI/SIT Data : Event ID = c017  
DPI/SIT Splice Cancel : Event ID = c018  
DPI/SIT Splice : Event ID = c019  
DPI/SIT Program Splice : Event ID = c01a  
DPI/SIT Component Splice : Event ID = c01b  
PID Group Occupancy : Event ID = 2005  
PID group occupancy error : Event ID = 2003  
PID Bit Rate Variability : Event ID = 2010  
PID Test : PID Bit Rate Variability : Event ID = 2011  
Discontinuity : Event ID = 3131  
PID Test : Discontinuity : Event ID = 3133  
Transport Stream Occupancy : Event ID = 3600  
Service Log Overflow : Event ID = 5200  
Program Information : Event ID = c001  
PTS/DTS Syntax Error : Event ID = 3054  
Any Template Error : Event ID = 6fff  
Template Header Error : Event ID = 6000  
Template TransportStreamId error : Event ID = 6010  
Template NetworkId error : Event ID = 6020  
Template OriginalNetworkId error : Event ID = 6030  
Template ServiceNumber error : Event ID = 6040  
Any Template Service Error : Event ID = 6100  
Template PcrPid error : Event ID = 6110  
Template ServiceType error : Event ID = 6120  
Template ServiceName error : Event ID = 6130  
Template Service constraint error : Event ID = 6140  
Template OtherPidsAllowed error : Event ID = 6150  
Any Template PID Error : Event ID = 6200  
Template CADescriptorPresent error : Event ID = 6210  
Template Pid scrambling error : Event ID = 6220



Template StreamType error : Event ID = 6230  
 Template Pid constraint error : Event ID = 6240  
 Any Template Rating Error : Event ID = 6300  
 Template DVB/ATSC Ratings error : Event ID = 6301

## ISDB (Partial Reception)

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

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        Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :
Event ID = 37d9
        Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :
Event ID = 37da
        Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :
Event ID = 37db
        H-EIT extended schedule max subtable RI for TV : Event ID = 37b8
        Ind H-EIT basic schedule max subtable RI for TV Cycle Group 1 :
Event ID = 37dc
        Ind H-EIT basic schedule max subtable RI for TV Cycle Group 2 :
Event ID = 37dd
        Ind H-EIT basic schedule max subtable RI for TV Cycle Group 3 :
Event ID = 37de
        Ind H-EIT basic schedule max subtable RI for TV Cycle Group Base :
Event ID = 37df
        H-EIT extended schedule max subtable RI for audio : Event ID = 37b9
        Ind H-EIT basic schedule max subtable RI for audio Cycle Group 1 :
Event ID = 37e0
        Ind H-EIT basic schedule max subtable RI for audio Cycle Group 2 :
Event ID = 37e1
        Ind H-EIT basic schedule max subtable RI for audio Cycle Group 3 :
Event ID = 37e2
        Ind H-EIT basic schedule max subtable RI for audio Cycle Group Base :
Event ID = 37e3
        H-EIT extended schedule max subtable RI for data : Event ID = 37ba
        Ind H-EIT basic schedule max subtable RI for data Cycle Group 1 :
Event ID = 37e4
        Ind H-EIT basic schedule max subtable RI for data Cycle Group 2 :
Event ID = 37e5
        Ind H-EIT basic schedule max subtable RI for data Cycle Group 3 :
Event ID = 37e6
        Ind H-EIT basic schedule max subtable RI for data Cycle Group Base :
Event ID = 37e7
    Priority Tests : Event ID = 37f7
        Priority 1 : Event ID = 37f3
            1.1 Sync : Event ID = 3011
            1.2 Sync Byte : Event ID = 3012
            1.3.a PAT : Event ID = 3018
            1.3 PAT (Timer) : Event ID = 3100
            1.3 PAT (Table ID) : Event ID = 3101
            1.3 PAT (Scrambling) : Event ID = 3102
            1.4 Continuity : Event ID = 3014
            PID Test : 1.4 Continuity : Event ID = 3132
            1.5.a PMT : Event ID = 3019
            1.5 PMT (Timer) : Event ID = 3103
                Ind PMT Err Timer : Event ID = 3160
                <ProgramTest Description="1.5 PMT (Timer) : Event ID = 3160
            1.5 PMT (Scrambling) : Event ID = 3104
            1.6 PID : Event ID = 3016
            PID Test : 1.6 PID : Event ID = 3017
        Priority 2 : Event ID = 37f4
            2.1 Transport : Event ID = 3021
            2.2 CRC : Event ID = 3022
            2.3.a PCR Repetition : Event ID = 3150
                PID Test : 2.3.a PCR Repetition : Event ID = 3117
            2.3.b PCR Discontinuity Indicator : Event ID = 3151
    
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PID Test : 2.3.b PCR Discontinuity Indicator : Event ID = 3118  
 2.4 PCR Accuracy : Event ID = 3024  
 PID Test : 2.4 PCR Accuracy : Event ID = 3028  
 2.5 PTS : Event ID = 3025  
 PID Test : 2.5 PTS : Event ID = 3728  
 2.6 CAT : Event ID = 3026  
 2.6 CAT (Table ID) : Event ID = 3107  
 2.6 CAT (Scrambling) : Event ID = 3114  
 Priority 3 : Event ID = 37f5  
 3.1.a NIT : Event ID = 3140  
 3.1 NIT (Table ID) : Event ID = 3109  
 NIT Actual Timer : Event ID = 3951  
 3.2 SI Repetition : Event ID = 3032  
 NIT Min Section Reptn Int : Event ID = 3703  
 Ind NIT actual min section RI : Event ID = 3729  
 NIT Max Section Reptn Int : Event ID = 3705  
 NIT Max Subtable Reptn Int : Event ID = 3704  
 Ind NIT actual max subtable RI : Event ID = 372a  
 SDT Min Section Reptn Int : Event ID = 3709  
 Ind SDT actual min section RI : Event ID = 372e  
 SDT Max Section Reptn Int : Event ID = 370b  
 SDT Max Subtable Reptn Int : Event ID = 370a  
 Ind SDT actual max subtable RI : Event ID = 372f  
 TOT Min Sect Reptn Int : Event ID = 371e  
 Ind TOT min section RI : Event ID = 373d  
 TOT Max Sect Reptn Int : Event ID = 371f  
 CAT max subtable RI : Event ID = 3115  
 BIT Max Subtable Reptn Int : Event ID = 3763  
 Ind BIT max subtable RI : Event ID = 3744  
 CDT Max Subtable Reptn Int : Event ID = 3776  
 Ind CDT max subtable RI : Event ID = 374d  
 BIT Min Section Reptn Int : Event ID = 3762  
 Ind BIT min section RI : Event ID = 3743  
 CDT Min Sect Reptn Int : Event ID = 3775  
 Ind CDT min section RI : Event ID = 374e  
 M-EIT Max Subtable Reptn Int : Event ID = 375c  
 L-EIT Max Subtable Reptn Int : Event ID = 375e  
 M-EIT Min Sect Reptn Int : Event ID = 375d  
 L-EIT Min Sect Reptn Int : Event ID = 375f  
 SDTT(H) max subtable RI : Event ID = 37e9  
 Ind SDTT(H) max subtable RI : Event ID = 37eb  
 SDTT(H) min section RI : Event ID = 37e8  
 Ind SDTT(H) min section RI : Event ID = 37ea  
 SDTT(L) max subtable RI : Event ID = 37ed  
 Ind SDTT(L) max subtable RI : Event ID = 37ef  
 SDTT(L) min section RI : Event ID = 37ec  
 Ind SDTT(L) min section RI : Event ID = 37ee  
 PAT max section RI : Event ID = 3950  
 3.4.a Unref PID : Event ID = 303b  
 PID Test : 3.4.a Unref PID : Event ID = 303a  
 3.5.a SDT : Event ID = 3142  
 3.5 SDT (Table ID) : Event ID = 3106  
 SDT Actual Timer : Event ID = 3952  
 3.6c EIT PF : Event ID = 3333  
 Ind DVB EIT P/F presence consistency : Event ID = 3051  
 DVB EIT P/F Presence Consistency : Event ID = 3052

Other : Event ID = 37f2  
Table Tests : Event ID = 37f6  
Any Table Syntax : Event ID = 3520  
PAT Syntax : Event ID = 3500  
PMT Syntax : Event ID = 3501  
CAT Syntax : Event ID = 3502  
NIT Syntax : Event ID = 3503  
SDT Syntax : Event ID = 3505  
EIT Syntax : Event ID = 3506  
TOT Syntax : Event ID = 3508  
BIT Syntax : Event ID = 3792  
CDT Syntax : Event ID = 3799  
SDTT(L) Syntax : Event ID = 37f1  
SDTT(H) Syntax : Event ID = 37f0  
DPI/SIT Syntax : Event ID = 3828  
H-EIT Syntax : Event ID = 3519  
M-EIT Syntax : Event ID = 351a  
L-EIT Syntax : Event ID = 351b  
H-EIT Basic Schedule Syntax : Event ID = 351c  
H-EIT Extended Schedule Syntax : Event ID = 351d  
Table Id Error : Event ID = 37fb  
TOT (Table ID) : Event ID = 3119  
H-EIT (Table ID) : Event ID = 311a  
M-EIT (Table ID) : Event ID = 311b  
L-EIT (Table ID) : Event ID = 311c  
L-SDTT (Table ID) : Event ID = 311d  
H-SDTT (Table ID) : Event ID = 311e  
SIT (Table ID) : Event ID = 311f  
DIT (Table ID) : Event ID = 3126  
BIT (Table ID) : Event ID = 3781  
TOT : Event ID = 3134  
TOT Min Sect Reptn Int : Event ID = 371e  
Ind TOT min section RI : Event ID = 373d  
TOT Max Sect Reptn Int : Event ID = 371f  
TOT (Table ID) : Event ID = 3119  
H-EIT : Event ID = 3127  
H-EIT (Table ID) : Event ID = 311a  
H-EIT PF Min Sect Reptn Int : Event ID = 370f  
Ind DVB EIT actual p/f min section RI : Event ID = 3733  
H-EIT PF Max Subtable Reptn Int : Event ID = 3710  
Ind DVB EIT actual p/f max subtable RI : Event ID = 3734  
M-EIT : Event ID = 3128  
M-EIT (Table ID) : Event ID = 311b  
M-EIT Max Subtable Reptn Int : Event ID = 375c  
M-EIT Min Sect Reptn Int : Event ID = 375d  
L-EIT : Event ID = 3129  
L-EIT (Table ID) : Event ID = 311c  
L-EIT Max Subtable Reptn Int : Event ID = 375e  
L-EIT Min Sect Reptn Int : Event ID = 375f  
L-SDTT : Event ID = 312b  
SDTT(L) min section RI : Event ID = 37ec  
Ind SDTT(L) min section RI : Event ID = 37ee  
SDTT(L) max subtable RI : Event ID = 37ed  
Ind SDTT(L) max subtable RI : Event ID = 37ef  
L-SDTT (Table ID) : Event ID = 311d  
H-SDTT : Event ID = 312a

SDTT(H) min section RI : Event ID = 37e8  
   Ind SDTT(H) min section RI : Event ID = 37ea  
 SDTT(H) max subtable RI : Event ID = 37e9  
   Ind SDTT(H) max subtable RI : Event ID = 37eb  
 H-SDTT (Table ID) : Event ID = 311e  
 SIT : Event ID = 312d  
   SIT (Table ID) : Event ID = 311f  
 DIT : Event ID = 312c  
   DIT (Table ID) : Event ID = 3126  
 CDT : Event ID = 3777  
   CDT Min Sect Reptn Int : Event ID = 3775  
     Ind CDT min section RI : Event ID = 374e  
   CDT Max Subtable Reptn Int : Event ID = 3776  
     Ind CDT max subtable RI : Event ID = 374d  
 BIT : Event ID = 3771  
   BIT Min Section Reptn Int : Event ID = 3762  
     Ind BIT min section RI : Event ID = 3743  
   BIT Max Subtable Reptn Int : Event ID = 3763  
     Ind BIT max subtable RI : Event ID = 3744  
   BIT (Table ID) : Event ID = 3781  
 PAT/PMT Consistency : Event ID = 3330  
 DSM-CC error : Event ID = 3910  
   DII min RI : Event ID = 3908  
     Ind DII min repetition error : Event ID = 3909  
   DII max RI : Event ID = 390c  
     Ind DII max repetition error : Event ID = 390d  
   DII Timeout : Event ID = 3905  
   DII download completion : Event ID = 390e  
     Ind DII completion : Event ID = 390f  
 Miscellaneous : Event ID = 37f9  
   TS Availability : Event ID = 3053  
   PID Occupancy : Event ID = 2001  
     PID Test : PID Occupancy : Event ID = 2004  
   Prog Occupancy : Event ID = 2002  
     Program occupancy error : Event ID = 3039  
       <ProgramTest Description="Prog Occupancy : Event ID = 3039  
 PCR Overall Jitter (PCR\_OJ) : Event ID = 3040  
   PID Test : PCR Overall Jitter (PCR\_OJ) : Event ID = 3043  
 PCR Frequency Offset (PCR\_FO) : Event ID = 3041  
   PID Test : PCR Frequency Offset (PCR\_FO) : Event ID = 3044  
 PCR Drift Rate (PCR\_DR) : Event ID = 3042  
   PID Test : PCR Drift Rate (PCR\_DR) : Event ID = 3045  
 DPI/SIT Any Errors : Event ID = 382a  
   Multiple (>1) DPI/SIT PIDs per Program : Event ID = 3823  
   Excess (>8) DPI/SIT PIDs per Program : Event ID = 3824  
   DPI/SIT Encrypted Error : Event ID = 3825  
   DPI/SIT Missing : Event ID = 3826  
     Ind DPI/SIT Missing : Event ID = 3827  
   DPI/SIT Syntax : Event ID = 3828  
   DPI/SIT Max subtable RI : Event ID = 3829  
 DPI/SIT Any information events : Event ID = c01d  
   DPI/SIT Data : Event ID = c017  
   DPI/SIT Splice Cancel : Event ID = c018  
   DPI/SIT Splice : Event ID = c019  
   DPI/SIT Program Splice : Event ID = c01a  
   DPI/SIT Component Splice : Event ID = c01b

PID Group Occupancy : Event ID = 2005  
  PID group occupancy error : Event ID = 2003  
PID Bit Rate Variability : Event ID = 2010  
  PID Test : PID Bit Rate Variability : Event ID = 2011  
Discontinuity : Event ID = 3131  
  PID Test : Discontinuity : Event ID = 3133  
Transport Stream Occupancy : Event ID = 3600  
Service Log Overflow : Event ID = 5200  
Program Information : Event ID = c001  
PTS/DTS Syntax Error : Event ID = 3054  
Any Template Error : Event ID = 6fff  
  Template Header Error : Event ID = 6000  
    Template TransportStreamId error : Event ID = 6010  
    Template NetworkId error : Event ID = 6020  
    Template OriginalNetworkId error : Event ID = 6030  
    Template ServiceNumber error : Event ID = 6040  
  Any Template Service Error : Event ID = 6100  
    Template PcrPid error : Event ID = 6110  
    Template ServiceType error : Event ID = 6120  
    Template ServiceName error : Event ID = 6130  
    Template Service constraint error : Event ID = 6140  
    Template OtherPidsAllowed error : Event ID = 6150  
  Any Template PID Error : Event ID = 6200  
    Template CADescriptorPresent error : Event ID = 6210  
    Template Pid scrambling error : Event ID = 6220  
    Template StreamType error : Event ID = 6230  
    Template Pid constraint error : Event ID = 6240  
  Any Template Rating Error : Event ID = 6300  
    Template DVB/ATSC Ratings error : Event ID = 6301

## DCII Tests

MPEG TR 101 290 : Event ID = 37f7  
  Priority 1 : Event ID = 37f3  
    1.1 Sync : Event ID = 3011  
    1.2 Sync Byte : Event ID = 3012  
    1.3.a PAT : Event ID = 3018  
      1.3 PAT (Timer) : Event ID = 3100  
      1.3 PAT (Table ID) : Event ID = 3101  
      1.3 PAT (Scrambling) : Event ID = 3102  
    1.4 Continuity : Event ID = 3014  
      PID Test : 1.4 Continuity : Event ID = 3132  
    1.5.a PMT : Event ID = 3019  
      1.5 PMT (Timer) : Event ID = 3103  
        Ind PMT Err Timer : Event ID = 3160  
        Program Test : 1.5 PMT (Timer) : Event ID = 3160  
      1.5 PMT (Scrambling) : Event ID = 3104  
    1.6 PID : Event ID = 3016  
      PID Test : 1.6 PID : Event ID = 3017  
  Priority 2 : Event ID = 37f4  
    2.1 Transport : Event ID = 3021  
    2.2 CRC : Event ID = 3022  
    2.3.a PCR Repetition : Event ID = 3150

PID Test : 2.3.a PCR Repetition : Event ID = 3117  
 2.3.b PCR Discontinuity Indicator : Event ID = 3151  
 PID Test : 2.3.b PCR Discontinuity Indicator : Event ID = 3118  
 2.4 PCR Accuracy : Event ID = 3024  
 PID Test : 2.4 PCR Accuracy : Event ID = 3028  
 2.5 PTS : Event ID = 3025  
 PID Test : 2.5 PTS : Event ID = 3728  
 2.6 CAT : Event ID = 3026  
 2.6 CAT (Scrambling) : Event ID = 3114  
 Priority 3 : Event ID = 37f5  
 3.2 SI repetition : Event ID = 3032  
 CAT max subtable RI : Event ID = 3115  
 PAT max section RI : Event ID = 3950  
 3.4.a Unref PID : Event ID = 303b  
 PID Test : 3.4.a Unref PID : Event ID = 303a  
 Other : Event ID = 37f2  
 Table Tests : Event ID = 37f6  
 Any Table Syntax : Event ID = 3520  
 PAT Syntax : Event ID = 3500  
 PMT Syntax : Event ID = 3501  
 CAT Syntax : Event ID = 3502  
 DPI/SIT Syntax : Event ID = 3828  
 PIM Syntax Error : Event ID = 3513  
 PNM Syntax Error : Event ID = 3514  
 NIM Syntax Error : Event ID = 3515  
 NTM Syntax Error : Event ID = 3516  
 VCM Syntax Error : Event ID = 3517  
 STM Syntax Error : Event ID = 3518  
 Table Id Error : Event ID = 37fb  
 Timer Error : Event ID = 37fc  
 PAT/PMT Consistency : Event ID = 3330  
 Miscellaneous : Event ID = 37f9  
 TS Availability : Event ID = 3053  
 PID Occupancy : Event ID = 2001  
 PID Test : PID Occupancy : Event ID = 2004  
 Prog Occupancy : Event ID = 2002  
 Program occupancy error : Event ID = 3039  
 Program Test : Prog Occupancy : Event ID = 3039  
 PCR Overall Jitter (PCR\_OJ) : Event ID = 3040  
 PID Test : PCR Overall Jitter (PCR\_OJ) : Event ID = 3043  
 PCR Frequency Offset (PCR\_FO) : Event ID = 3041  
 PID Test : PCR Frequency Offset (PCR\_FO) : Event ID = 3044  
 PCR Drift Rate (PCR\_DR) : Event ID = 3042  
 PID Test : PCR Drift Rate (PCR\_DR) : Event ID = 3045  
 DPI/SIT Any Errors : Event ID = 382a  
 Multiple (>1) DPI/SIT PIDs per Program : Event ID = 3823  
 Excess (>8) DPI/SIT PIDs per Program : Event ID = 3824  
 DPI/SIT Encrypted Error : Event ID = 3825  
 DPI/SIT Missing : Event ID = 3826  
 Ind DPI/SIT Missing : Event ID = 3827  
 DPI/SIT Syntax : Event ID = 3828  
 DPI/SIT Max subtable RI : Event ID = 3829  
 DPI/SIT Any information events : Event ID = c01d  
 DPI/SIT Data : Event ID = c017  
 DPI/SIT Splice Cancel : Event ID = c018  
 DPI/SIT Splice : Event ID = c019

DPI/SIT Program Splice : Event ID = c01a  
DPI/SIT Component Splice : Event ID = c01b  
PID Group Occupancy : Event ID = 2005  
PID group occupancy error : Event ID = 2003  
PID Bit Rate Variability : Event ID = 2010  
PID Test : PID Bit Rate Variability : Event ID = 2011  
Discontinuity : Event ID = 3131  
PID Test : Discontinuity : Event ID = 3133  
Transport Stream Occupancy : Event ID = 3600  
Service Log Overflow : Event ID = 5200  
Program Information : Event ID = c001  
PTS/DTS Syntax Error : Event ID = 3054  
Any Template Error : Event ID = 6fff  
Template Header Error : Event ID = 6000  
Template TransportStreamId error : Event ID = 6010  
Template NetworkId error : Event ID = 6020  
Template OriginalNetworkId error : Event ID = 6030  
Template ServiceNumber error : Event ID = 6040  
Any Template Service Error : Event ID = 6100  
Template PcrPid error : Event ID = 6110  
Template ServiceType error : Event ID = 6120  
Template ServiceName error : Event ID = 6130  
Template Service constraint error : Event ID = 6140  
Template OtherPidsAllowed error : Event ID = 6150  
Any Template PID Error : Event ID = 6200  
Template CADescriptorPresent error : Event ID = 6210  
Template Pid scrambling error : Event ID = 6220  
Template StreamType error : Event ID = 6230  
Template Pid constraint error : Event ID = 6240  
Any Template Rating Error : Event ID = 6300  
Template DVB/ATSC Ratings error : Event ID = 6301

## China Tests

TR 101 290 : Event ID = 37f7  
Priority 1 : Event ID = 37f3  
1.1 Sync : Event ID = 3011  
1.2 Sync Byte : Event ID = 3012  
1.3.a PAT : Event ID = 3018  
1.3 PAT (Timer) : Event ID = 3100  
1.3 PAT (Table ID) : Event ID = 3101  
1.3 PAT (Scrambling) : Event ID = 3102  
1.4 Continuity : Event ID = 3014  
PID Test = 1.4 Continuity : Event ID = 3132  
1.5.a PMT : Event ID = 3019  
1.5 PMT (Timer) : Event ID = 3103  
Ind PMT Err Timer : Event ID = 3160  
Program Test = 1.5 PMT (Timer) : Event ID = 3160  
1.5 PMT (Scrambling) : Event ID = 3104  
1.6 PID : Event ID = 3016  
PID Test = 1.6 PID : Event ID = 3017  
Priority 2 : Event ID = 37f4  
2.1 Transport : Event ID = 3021



2.2 CRC : Event ID = 3022  
 2.3.a PCR Repetition : Event ID = 3150  
     PID Test = 2.3.a PCR Repetition : Event ID = 3117  
 2.3.b PCR Discontinuity Indicator : Event ID = 3151  
     PID Test = 2.3.b PCR Discontinuity Indicator : Event ID = 3118  
 2.4 PCR Accuracy : Event ID = 3024  
     PID Test = 2.4 PCR Accuracy : Event ID = 3028  
 2.5 PTS : Event ID = 3025  
     PID Test = 2.5 PTS : Event ID = 3728  
 2.6 CAT : Event ID = 3026  
     2.6 CAT (Table ID) : Event ID = 3107  
     2.6 CAT (Scrambling) : Event ID = 3114  
 Priority 3 : Event ID = 37f5  
 3.1.a NIT Actual : Event ID = 3140  
     3.1 NIT (Table ID) : Event ID = 3109  
         NIT Actual Min Any Section Reptn Int : Event ID = 3955  
         NIT Actual Timer : Event ID = 3951  
 3.1b NIT Other : Event ID = 3708  
     Ind NIT other max section RI : Event ID = 372d  
 3.2 SI Repetition : Event ID = 3032  
     TDT max section RI : Event ID = 395a  
     NIT Actual Min Section Reptn Int : Event ID = 3703  
         Ind NIT actual min section RI : Event ID = 3729  
     NIT Actual Max Section Reptn Int : Event ID = 3705  
     NIT Actual Max Subtable Reptn Int : Event ID = 3704  
         Ind NIT actual max subtable RI : Event ID = 372a  
     NIT Other Min Section Reptn Int : Event ID = 3706  
         Ind NIT other min section RI : Event ID = 372b  
     NIT Other Max Subtable Reptn Int : Event ID = 3707  
         Ind NIT other max subtable RI : Event ID = 372c  
     SDT Actual Min Section Reptn Int : Event ID = 3709  
         Ind SDT actual min section RI : Event ID = 372e  
     SDT Actual Max Section Reptn Int : Event ID = 370b  
     SDT Actual Max Subtable Reptn Int : Event ID = 370a  
         Ind SDT actual max subtable RI : Event ID = 372f  
     SDT Other Min Section Reptn Int : Event ID = 370c  
         Ind SDT other min section RI : Event ID = 3730  
     SDT Other Max Subtable Reptn Int : Event ID = 370d  
         Ind SDT other max subtable RI : Event ID = 3731  
     EIT Actual P Max Sect Reptn Int : Event ID = 3711  
     EIT Actual F Max Sect Reptn Int : Event ID = 3712  
     EIT Actual PF Min Sect Reptn Int : Event ID = 370f  
         Ind DVB EIT actual p/f min section RI : Event ID = 3733  
     EIT Actual PF Max Subtable Reptn Int : Event ID = 3710  
         Ind DVB EIT actual p/f max subtable RI : Event ID = 3734  
     EIT Other PF Min Sect Reptn Int : Event ID = 3713  
         Ind DVB EIT other p/f min section RI : Event ID = 3735  
     EIT Other PF Max Subtable Reptn Int : Event ID = 3714  
         Ind DVB EIT other p/f max subtable RI : Event ID = 3736  
     EIT Other P Max Sect Reptn Int : Event ID = 3715  
     EIT Other F Max Sect Reptn Int : Event ID = 3716  
     EIT Actual Sched Min Sect Reptn Int : Event ID = 3717  
         Ind DVB EIT actual schedule min section RI : Event ID = 3737  
     EIT Actual Sched Max Subtable Reptn Int : Event ID = 3718  
         Ind DVB EIT actual schedule max subtable RI : Event ID = 3738  
     EIT Other Sched Min Sect Reptn Int : Event ID = 3719

Ind DVB EIT other schedule min section RI : Event ID = 3739  
EIT Other Sched Max Subtable Reptn Int : Event ID = 371a  
Ind DVB EIT other schedule max subtable RI : Event ID = 373a  
RST Min Sect Reptn Int : Event ID = 371b  
Ind RST min section RI : Event ID = 373b  
TDT Min Sect Reptn Int : Event ID = 371c  
Ind TDT min section RI : Event ID = 373c  
TOT Min Sect Reptn Int : Event ID = 371e  
Ind TOT min section RI : Event ID = 373d  
TOT Max Sect Reptn Int : Event ID = 371f  
BAT Min Sect Reptn Int : Event ID = 3720  
Ind BAT min section RI : Event ID = 373e  
BAT Max Subtable Reptn Int : Event ID = 3721  
Ind BAT max subtable RI : Event ID = 373f  
CAT max subtable RI : Event ID = 3115  
PAT max section RI : Event ID = 3950  
3.4.a Unref PID : Event ID = 303b  
PID Test = 3.4.a Unref PID : Event ID = 303a  
3.5.a SDT Actual : Event ID = 3142  
3.5 SDT (Table ID) : Event ID = 3106  
SDT Actual Min Any Section Reptn Int : Event ID = 3956  
SDT Actual Timer : Event ID = 3952  
3.5b SDT Other : Event ID = 370e  
Ind SDT other max section RI : Event ID = 3732  
3.6.a EIT Actual : Event ID = 3143  
3.6 EIT (Table ID) : Event ID = 3111  
EIT Actual PF Min Any Section Reptn Int : Event ID = 3957  
EIT Actual P Timer : Event ID = 3953  
EIT Actual F Timer : Event ID = 3954  
3.6.b EIT Other : Event ID = 3144  
EIT Other P Max Sect Reptn Int : Event ID = 3715  
EIT Other F Max Sect Reptn Int : Event ID = 3716  
3.6.c EIT PF : Event ID = 3333  
Ind DVB EIT P/F presence consistency : Event ID = 3051  
EIT PF Presence Error : Event ID = 3052  
3.7 RST : Event ID = 3037  
RST (Table ID) : Event ID = 3120  
RST Min Any Sect Reptn Int : Event ID = 3959  
3.8 TDT : Event ID = 3038  
3.8 TDT (Timer) : Event ID = 3112  
3.8 TDT (Table ID) : Event ID = 3113  
TDT Min Any Sect Reptn Int : Event ID = 3958  
Other : Event ID = 37f2  
Table Tests : Event ID = 37f6  
Any Table Syntax : Event ID = 3520  
PAT Syntax : Event ID = 3500  
PMT Syntax : Event ID = 3501  
CAT Syntax : Event ID = 3502  
NIT Syntax : Event ID = 3503  
BAT Syntax : Event ID = 3504  
SDT Syntax : Event ID = 3505  
EIT Syntax : Event ID = 3506  
TDT Syntax : Event ID = 3507  
TOT Syntax : Event ID = 3508  
RST Syntax : Event ID = 3509  
DPI/SIT Syntax : Event ID = 3828

SIT Syntax : Event ID = 351e  
 DIT Syntax : Event ID = 351f  
 Table Id Error : Event ID = 37fb  
   3.8 TDT (Table ID) : Event ID = 3113  
   RST (Table ID) : Event ID = 3120  
 Timer Error : Event ID = 37fc  
   3.8 TDT (Timer) : Event ID = 3112  
 EIT PF Presence Error : Event ID = 3052  
 NIT Actual Missing : Event ID = 3751  
 SDT Actual Missing : Event ID = 3752  
 EIT Actual PF Missing : Event ID = 3753  
 TDT Missing : Event ID = 3754  
 PAT/PMT Consistency : Event ID = 3330  
 PAT/SDT Consistency : Event ID = 3331  
 Miscellaneous : Event ID = 37f9  
   TS Availability : Event ID = 3053  
   PID Occupancy : Event ID = 2001  
     PID Test = PID Occupancy : Event ID = 2004  
   Prog Occupancy : Event ID = 2002  
     Program occupancy error : Event ID = 3039  
     Program Test = Prog Occupancy : Event ID = 3039  
   PCR Overall Jitter (PCR\_OJ) : Event ID = 3040  
     PID Test = PCR Overall Jitter (PCR\_OJ) : Event ID = 3043  
   PCR Frequency Offset (PCR\_FO) : Event ID = 3041  
     PID Test = PCR Frequency Offset (PCR\_FO) : Event ID = 3044  
   PCR Drift Rate (PCR\_DR) : Event ID = 3042  
     PID Test = PCR Drift Rate (PCR\_DR) : Event ID = 3045  
   DPI/SIT Any Errors : Event ID = 382a  
     Multiple (>1) DPI/SIT PIDs per Program : Event ID = 3823  
     Excess (>8) DPI/SIT PIDs per Program : Event ID = 3824  
     DPI/SIT Encrypted Error : Event ID = 3825  
     DPI/SIT Missing : Event ID = 3826  
       Ind DPI/SIT Missing : Event ID = 3827  
     DPI/SIT Syntax : Event ID = 3828  
     DPI/SIT Max subtable RI : Event ID = 3829  
   DPI/SIT Any information events : Event ID = c01d  
     DPI/SIT Data : Event ID = c017  
     DPI/SIT Splice Cancel : Event ID = c018  
     DPI/SIT Splice : Event ID = c019  
     DPI/SIT Program Splice : Event ID = c01a  
     DPI/SIT Component Splice : Event ID = c01b  
   PID Group Occupancy : Event ID = 2005  
     PID group occupancy error : Event ID = 2003  
   PID Bit Rate Variability : Event ID = 2010  
     PID Test = PID Bit Rate Variability : Event ID = 2011  
   Discontinuity : Event ID = 3131  
     PID Test = Discontinuity : Event ID = 3133  
   Transport Stream Occupancy : Event ID = 3600  
   Service Log Overflow : Event ID = 5200  
   Program Information : Event ID = c001  
   PTS/DTS Syntax Error : Event ID = 3054  
 Any Template Error : Event ID = 6fff  
   Template Header Error : Event ID = 6000  
     Template TransportStreamId error : Event ID = 6010  
     Template NetworkId error : Event ID = 6020  
     Template OriginalNetworkId error : Event ID = 6030

Template ServiceNumber error : Event ID = 6040  
Any Template Service Error : Event ID = 6100  
Template PcrPid error : Event ID = 6110  
Template ServiceType error : Event ID = 6120  
Template ServiceName error : Event ID = 6130  
Template Service constraint error : Event ID = 6140  
Template OtherPidsAllowed error : Event ID = 6150  
Any Template PID Error : Event ID = 6200  
Template CADescriptorPresent error : Event ID = 6210  
Template Pid scrambling error : Event ID = 6220  
Template StreamType error : Event ID = 6230  
Template Pid constraint error : Event ID = 6240  
Any Template Rating Error : Event ID = 6300  
Template DVB/ATSC Ratings error : Event ID = 6301  
SFN Error : Event ID = 3400  
SFN (No MIP) : Event ID = 3401  
SFN One MIP per M/F : Event ID = 3410  
SFN Repetition : Event ID = 3411  
SFN (Invalid MIP) : Event ID = 3403  
SFN MIP Length : Event ID = 3412  
SFN CRC : Event ID = 3413  
SFN MIP Coding : Event ID = 3414  
SFN Periodicity Consistency : Event ID = 3415  
SFN Pointer Consistency : Event ID = 3416  
SFN (Timer) : Event ID = 3404

## Info Tests

Any warning event : Event ID = C01C  
Miscellaneous Events : Event ID = c030  
Program Information : Event ID = c001  
Schedule/Holdoff manager : Event ID = b010  
A stream recording has been completed : Event ID = b100  
Other IP Session Events : Event ID = 9105  
IP Errored : Event ID = 9003  
RTP Out of Order : Event ID = 9005  
RTP Lost : Event ID = 9006  
IP PIT Limit : Event ID = 9007  
IP Session Dropped : Event ID = 9008  
TS Continuity : Event ID = 9101  
TS Sync Byte : Event ID = 9102  
TS Sync Loss : Event ID = 9103  
Channel Polling Events : Event ID = c02e  
Channel Polling Event : Event ID = c02a  
Channel Polling Stopped : Event ID = c02b  
Channel Polling Event Due : Event ID = c02c  
Channel Polling Event Complete : Event ID = c02d  
Any DPI/SIT information : Event ID = C01D  
DPI/SIT Data : Event ID = C017  
DPI/SIT Splice Cancel : Event ID = C018  
DPI/SIT Splice : Event ID = C019  
DPI/SIT Program Splice : Event ID = C01A  
DPI/SIT Component Splice : Event ID = C01B

ISDBT IIP Partial Reception Flag Set : Event ID = C01F

## RF Tests

RF Test : IF Error Collection : Event ID = 3816  
 RF Test : IF Lock : Event ID = 3800  
 RF Test : MER : Event ID = d001  
   RF Test : MER Limit : Event ID = 3801  
   RF Test : MER Drift Limit : Event ID = 3802  
 RF Test : EVM : Event ID = d002  
   RF Test : EVM Limit : Event ID = 3803  
   RF Test : EVM Drift Limit : Event ID = 3804  
 RF Test : BER (Pre Reed Solomon) : Event ID = d003  
   RF Test : BER (Pre Reed Solomon) Rate : Event ID = 3805  
   RF Test : BER (Pre Reed Solomon) Drift : Event ID = 3806  
 RF Test : BER (Pre-Viterbi) : Event ID = d004  
   RF Test : BER (Pre-Viterbi) Rate : Event ID = 3807  
   RF Test : BER (Pre-Viterbi) Drift : Event ID = 3808  
 RF Test : BER (Post Reed Solomon) : Event ID = d005  
   RF Test : BER (Post Reed Solomon) Rate : Event ID = 3809  
   RF Test : BER (Post Reed Solomon) Drift : Event ID = 380a  
 RF Test : Power : Event ID = d007  
   RF Test : High Power Limit : Event ID = 380d  
   RF Test : Low Power Limit : Event ID = 380e  
   RF Test : Power Drift Limit : Event ID = 380f  
 RF Test : SNR : Event ID = d008  
   RF Test : SNR Limit : Event ID = 3810  
   RF Test : SNR Drift Limit : Event ID = 3811  
 RF Test : CNR : Event ID = d009  
   RF Test : CNR Limit : Event ID = 3812  
   RF Test : CNR Drift Limit : Event ID = 3813  
 RF Test : Carrier Offset : Event ID = d00a  
   RF Test : Carrier Offset Limit : Event ID = 3814  
   RF Test : Carrier Offset Drift Limit : Event ID = 3815  
 RF Test : Errored Packet Limit Error : Event ID = 3850  
 RF Test : Packet Interval Time Limit Error : Event ID = 3854  
 RF Test : Dropped Packet Limit Error : Event ID = 3852  
 RF Test : Out of Order Packet Limit Error : Event ID = 3856  
 RF Warning : IF Warnings Collection : Event ID = c01e  
   RF Warning : MER Warning : Event ID = d101  
     RF Warning : MER Limit Warning : Event ID = c002  
     RF Warning : MER Drift Limit Warning : Event ID = c003  
   RF Warning : EVM Warning : Event ID = d102  
     RF Warning : EVM Limit Warning : Event ID = c004  
     RF Warning : EVM Drift Limit Warning : Event ID = c005  
   RF Warning : BER (Pre Reed Solomon) Warning : Event ID = d103  
     RF Warning : BER (Pre Reed Solomon) Rate Warning : Event ID = c006  
     RF Warning : BER (Pre Reed Solomon) Drift Warning : Event ID = c007  
   RF Warning : BER (Pre-Viterbi) Warning : Event ID = d104  
     RF Warning : BER (Pre-Viterbi) Rate Warning : Event ID = c008  
     RF Warning : BER (Pre-Viterbi) Drift Warning : Event ID = c009  
   RF Warning : BER (Post Reed Solomon) Warning : Event ID = d105  
     RF Warning : BER (Post Reed Solomon) Rate Warning : Event ID = c00a

RF Warning : BER (Post Reed Solomon) Drift Warning : Event ID = c00b  
RF Warning : Power Warning : Event ID = d107  
RF Warning : High Power Limit Warning : Event ID = c00e  
RF Warning : Low Power Limit Warning : Event ID = c00f  
RF Warning : Power Drift Limit Warning : Event ID = c010  
RF Warning : SNR Warning : Event ID = d108  
RF Warning : SNR Limit Warning : Event ID = c011  
RF Warning : SNR Drift Limit Warning : Event ID = c012  
RF Warning : CNR Warning : Event ID = d109  
RF Warning : CNR Limit Warning : Event ID = c013  
RF Warning : CNR Drift Limit Warning : Event ID = c014  
RF Warning : Carrier Offset Warning : Event ID = d10a  
RF Warning : Carrier Offset Limit Warning : Event ID = c015  
RF Warning : Carrier Offset Drift Limit Warning : Event ID = c016  
RF Warning : IF errored packet limit warning : Event ID = c020  
RF Warning : IF dropped packet limit warning : Event ID = c022  
RF Warning : IF Packet interarrival time limit warning : Event ID = c024  
RF Warning : IF Out of order packet limit warning : Event ID = c026

## 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 1–137.

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

<b>4129 (Hex: 0x1021)</b>	EVID_PLUS_TWELVE_VOLTS <b>Description:</b> <b>Applicable Standards:</b>	EVID_PLUS_TWELVE_VOLTS MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4130 (Hex: 0x1022)</b>	EVID_MINUS_FIVE_VOLTS <b>Description:</b> <b>Applicable Standards:</b>	EVID_MINUS_FIVE_VOLTS MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4131 (Hex: 0x1023)</b>	EVID_MINUS_TWELVE_VOLTS <b>Description:</b> <b>Applicable Standards:</b>	EVID_MINUS_TWELVE_VOLTS MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4144 (Hex: 0x1030)</b>	Local Temperature <b>Description:</b> <b>Applicable Standards:</b>	Local Temperature MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4145 (Hex: 0x1031)</b>	Remote Temperature <b>Description:</b> <b>Applicable Standards:</b>	Remote Temperature MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4146 (Hex: 0x1032)</b>	System Card Temperature <b>Description:</b> <b>Applicable Standards:</b>	System Card Temperature MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4160 (Hex: 0x1040)</b>	Fan 1 <b>Description:</b> <b>Applicable Standards:</b>	The current state of fan 1 test change MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4161 (Hex: 0x1041)</b>	Fan 2 <b>Description:</b> <b>Applicable Standards:</b>	The current state of fan 2 MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4162 (Hex: 0x1042)</b>	Fan 3 <b>Description:</b> <b>Applicable Standards:</b>	The current state of fan 3 MPEG, DVB, ATSC, ISDB, Chinese, DCII



<b>4163 (Hex: 0x1043)</b>	Fan 4	<b>Description:</b>	The current state of fan 4
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4164 (Hex: 0x1044)</b>	Fan Monitor	<b>Description:</b>	The current state of the fan monitor
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4352 (Hex: 0x1100)</b>	EVID_SV_START	<b>Description:</b>	EVID_SV_START
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4353 (Hex: 0x1101)</b>	EVID_SV_STOP	<b>Description:</b>	EVID_SV_STOP
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4354 (Hex: 0x1102)</b>	EVID_SV_INIT_FAIL	<b>Description:</b>	EVID_SV_INIT_FAIL
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4355 (Hex: 0x1103)</b>	EVID_ALARM_RESET	<b>Description:</b>	EVID_ALARM_RESET
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4356 (Hex: 0x1104)</b>	EVID_EVENT_RESET	<b>Description:</b>	EVID_EVENT_RESET
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4357 (Hex: 0x1105)</b>	EVID_CLEAR_LOG	<b>Description:</b>	EVID_CLEAR_LOG
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4608 (Hex: 0x1200)</b>	EVID_SV_DEBUG	<b>Description:</b>	EVID_SV_DEBUG
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>4609 (Hex: 0x1201)</b>	I2C	<b>Description:</b>	I2C communications state
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4610 (Hex: 0x1202)</b>	Battery	<b>Description:</b>	Battery state
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4611 (Hex: 0x1203)</b>	EVID_BOX_CONFIG	<b>Description:</b>	EVID_BOX_CONFIG
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4612 (Hex: 0x1204)</b>	EVID_INTERFACE_FIRMWARE	<b>Description:</b>	EVID_INTERFACE_FIRMWARE
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4613 (Hex: 0x1205)</b>	EVID_ASSERTION	<b>Description:</b>	EVID_ASSERTION
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4614 (Hex: 0x1206)</b>	Real Time Clock	<b>Description:</b>	The current state of the RTC
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4615 (Hex: 0x1207)</b>	EVID_FIRMWARE_UPLOAD	<b>Description:</b>	EVID_FIRMWARE_UPLOAD
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4616 (Hex: 0x1208)</b>	EVID_NETWORK	<b>Description:</b>	EVID_NETWORK
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4617 (Hex: 0x1209)</b>	EVID_LOGIC	<b>Description:</b>	EVID_LOGIC
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>4624 (Hex: 0x1210)</b>	EVID_MISC_HARDWARE	
	<b>Description:</b>	EVID_MISC_HARDWARE
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4625 (Hex: 0x1211)</b>	LTC Clock	
	<b>Description:</b>	Longitudinal Time Clock
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4626 (Hex: 0x1212)</b>	Network Clock	
	<b>Description:</b>	Simple Network Time Protocol Clock
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4627 (Hex: 0x1213)</b>	Time Source	
	<b>Description:</b>	Time Source state
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4628 (Hex: 0x1214)</b>	Front Panel	
	<b>Description:</b>	Front Panel state
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4629 (Hex: 0x1215)</b>	EVID_FRONT_PANEL_ITEM	
	<b>Description:</b>	EVID_FRONT_PANEL_ITEM
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4630 (Hex: 0x1216)</b>	System Card	
	<b>Description:</b>	System Card state
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>4631 (Hex: 0x1217)</b>	EVID_BOX_TIME_SET	
	<b>Description:</b>	EVID_BOX_TIME_SET
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>8192 (Hex: 0x2000)</b>	Any Stream Error	
	<b>Description:</b>	The state of any event on this stream
	<b>Applicable Standards:</b>	DVB, ISDB
	<b>Associated Parameter(s)</b>	
	PP1	PID bit rate limit and missing test integration count
	PS10	PAT/PMT obsolescence count
	PS255	Partial Reception PMT PID #0
	PS256	Partial Reception PMT PID #1
	PS257	Partial Reception PMT PID #2
	PS258	Partial Reception PMT PID #3
	PS259	Partial Reception PMT PID #4
	PS260	Partial Reception PMT PID #5
	PS261	Partial Reception PMT PID #6
	PS262	Partial Reception PMT PID #7
	PS284	Process DSMCC
	PS4	PID bit rate bin duration (bit rate is over 10 bins)
	PS57	PID reference transition time
	PS6	PID bit rate bin count for service log
<b>8193 (Hex: 0x2001)</b>	PID Occupancy	
	<b>Description:</b>	PID occupancy exceeds limits
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PP6	Minimum PID bit rate
	PP7	Minimum PID bit rate
<b>8194 (Hex: 0x2002)</b>	Program Occupancy	
	<b>Description:</b>	Program occupancy exceeds limits
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>8195 (Hex: 0x2003)</b>	EVID_PIDGROUP_OCC_LIM	
	<b>Description:</b>	PID Group occupancy exceeds limits
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

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

<b>12308 (Hex: 0x3014)</b>	1.4 Continuity <b>Description:</b> Continuity Error (DVB test 1.4) <b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12310 (Hex: 0x3016)</b>	1.6 PID <b>Description:</b> Pid (DVB test 1.6) <b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII <b>Associated Parameter(s)</b> PP16 Minimum bit rate permitted for this PID
<b>12311 (Hex: 0x3017)</b>	1.6 PID <b>Description:</b> 1.6 PID <b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII <b>Associated Parameter(s)</b> PP16 Minimum bit rate permitted for this PID
<b>12312 (Hex: 0x3018)</b>	1.3a PAT <b>Description:</b> PAT Table (DVB test 1.3) <b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII <b>Associated Parameter(s)</b> PS10 PAT/PMT obsolescence count PS8 PAT section max repetition interval
<b>12313 (Hex: 0x3019)</b>	1.5a PMT <b>Description:</b> PMT (DVB test 1.5) <b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII <b>Associated Parameter(s)</b> PS263 Partial Reception PMT section maximum repetition interval PS7 Repetition interval history length PS9 PMT section max repetition interval
<b>12321 (Hex: 0x3021)</b>	2.1 Transport <b>Description:</b> Transport (DVB test 2.1) <b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>12322 (Hex: 0x3022)</b>	2.2 CRC	
	<b>Description:</b>	CRC (DVB test 2.2)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12324 (Hex: 0x3024)</b>	2.4 PCR Accuracy	
	<b>Description:</b>	PCR Accuracy (DVB test 2.4)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	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)
<b>12325 (Hex: 0x3025)</b>	2.5 PTS	
	<b>Description:</b>	PTS (DVB test 2.5)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PP5	Maximum PTS repetition interval
	PS103	PTS arrival history length
<b>12326 (Hex: 0x3026)</b>	2.6 CAT	
	<b>Description:</b>	CAT (DVB test 2.6)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS13	CAT present timer
	PS61	CAT obsolescence count

**12328 (Hex: 0x3028)** 2.4 PCR Accuracy

**Description:** 2.4 PCR Accuracy  
**Applicable Standards:** MPEG, DVB, ATSC, ISDB, Chinese, DCII  
**Associated Parameter(s)**  
 PP20 VSB 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

**Description:** SI Repetition (DVB test 3.2)  
**Applicable Standards:** MPEG, DVB, ISDB, Chinese, DCII  
**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

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

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

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

<b>12346 (Hex: 0x303A)</b>	3.4a Unref PID	
	<b>Description:</b>	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
	<b>Applicable Standards:</b>	MPEG, DVB, ISDB, Chinese, DCII
<b>12347 (Hex: 0x303B)</b>	3.4a Unref PID	
	<b>Description:</b>	Unreferenced PID (DVB test 3.4)
	<b>Applicable Standards:</b>	MPEG, DVB, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS57	PID reference transition time
<b>12352 (Hex: 0x3040)</b>	PCR Overall Jitter (PCR_OJ)	
	<b>Description:</b>	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.
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	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

**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

<b>12355 (Hex: 0x3043)</b>	<p>PCR Overall Jitter (PCR_OJ)</p> <p><b>Description:</b></p> <p><b>Applicable Standards:</b></p> <p><b>Associated Parameter(s)</b></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>
<b>12356 (Hex: 0x3044)</b>	<p>PCR Frequency Offset (PCR_FO)</p> <p><b>Description:</b></p> <p><b>Applicable Standards:</b></p> <p><b>Associated Parameter(s)</b></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>
<b>12357 (Hex: 0x3045)</b>	<p>PCR Drift Rate (PCR_DR)</p> <p><b>Description:</b></p> <p><b>Applicable Standards:</b></p> <p><b>Associated Parameter(s)</b></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>

<b>12369 (Hex: 0x3051)</b>	EVID_INDIVID- UAL_DVBEIT_PF_PRESENCE	<b>Description:</b> <b>Applicable Standards:</b>	Ind No EIT actual table was found for a Near VOD program DVB, ISDB, Chinese
<b>12370 (Hex: 0x3052)</b>	EIT PF Presence Error	<b>Description:</b> <b>Applicable Standards:</b>	DVB EIT P/F Presence Consistency DVB, ISDB, Chinese
<b>12371 (Hex: 0x3053)</b>	TS Availability	<b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b>	Transport Stream Availability Error MPEG, DVB, ATSC, ISDB, Chinese, DCII PS59 Min stream bit rate for processing
<b>12372 (Hex: 0x3054)</b>	PTS/DTS Syntax Error	<b>Description:</b> <b>Applicable Standards:</b>	PTS/DTS Syntax Error MPEG, ATSC, ISDB, Chinese, DCII
<b>12544 (Hex: 0x3100)</b>	1.3 PAT (Timer)	<b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b>	PAT Error Timer MPEG, DVB, ATSC, ISDB, Chinese, DCII PS8 PAT section max repetition interval
<b>12545 (Hex: 0x3101)</b>	1.3 PAT (Table ID)	<b>Description:</b> <b>Applicable Standards:</b>	PAT Error Table Id MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12546 (Hex: 0x3102)</b>	1.3 PAT (Scrambling)	<b>Description:</b> <b>Applicable Standards:</b>	PAT Error Scrambling MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>12547 (Hex: 0x3103)</b>	1.5 PMT (Timer)	<b>Description:</b>	PAT Error Timer
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS263		Partial Reception PMT section maximum repetition interval
	PS7		Repetition interval history length
	PS9		PMT section max repetition interval
<b>12548 (Hex: 0x3104)</b>	1.5 PMT (Scrambling)	<b>Description:</b>	PMT Error Scrambling
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12550 (Hex: 0x3106)</b>	3.5 SDT (Table ID)	<b>Description:</b>	SDT Error Table Id
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>12551 (Hex: 0x3107)</b>	CAT Table Id	<b>Description:</b>	CAT Error Table Id
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>12553 (Hex: 0x3109)</b>	3.1 NIT (Table ID)	<b>Description:</b>	NIT Error Table Id
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>12561 (Hex: 0x3111)</b>	3.6 EIT (Table ID)	<b>Description:</b>	EIT Error Table Id
		<b>Applicable Standards:</b>	DVB, Chinese
<b>12562 (Hex: 0x3112)</b>	TDT Timer	<b>Description:</b>	TDT Error Timer
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS40		TDT max repetition interval
<b>12563 (Hex: 0x3113)</b>	3.8 TDT (Table ID)	<b>Description:</b>	TDT Error Table Id
		<b>Applicable Standards:</b>	DVB, Chinese

<b>12564 (Hex: 0x3114)</b>	CAT Scrambling	<b>Description:</b>	CAT Error Scrambling
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12565 (Hex: 0x3115)</b>	CAT max subtable RI	<b>Description:</b>	PCR Error Timer
		<b>Applicable Standards:</b>	MPEG, DVB, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS105		CAT maximum subtable repetition interval
<b>12567 (Hex: 0x3117)</b>	2.3a PCR Repetition	<b>Description:</b>	EVID_INDIVIDUAL_PCR_ERR_TIMER
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PP17		Partial Reception PCR max repetition interval
	PP2		PCR max repetition interval
<b>12568 (Hex: 0x3118)</b>	2.3b PCR Discontinuity Indicator	<b>Description:</b>	This test applies only to PIDs that are indicated as PCR_PID in the current PMT.
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PP18		Partial Reception Max PCR discontinuity
	PP3		Max PCR discontinuity
<b>12569 (Hex: 0x3119)</b>	TOT (Table ID)	<b>Description:</b>	TOT Err Table Id
		<b>Applicable Standards:</b>	ISDB
<b>12570 (Hex: 0x311A)</b>	H-EIT (Table ID)	<b>Description:</b>	H-EIT Err Table Id
		<b>Applicable Standards:</b>	ISDB
<b>12571 (Hex: 0x311B)</b>	M-EIT (Table ID)	<b>Description:</b>	M-EIT Err Table Id
		<b>Applicable Standards:</b>	ISDB

<b>12572 (Hex: 0x311C)</b>	L-EIT (Table ID)	<b>Description:</b>	L-EIT Err Table Id
		<b>Applicable Standards:</b>	ISDB
<b>12573 (Hex: 0x311D)</b>	L-SDTT (Table ID)	<b>Description:</b>	SDTT(L) Err Table Id
		<b>Applicable Standards:</b>	ISDB
<b>12574 (Hex: 0x311E)</b>	H-SDTT (Table ID)	<b>Description:</b>	SDTT(H) Err Table Id
		<b>Applicable Standards:</b>	ISDB
<b>12575 (Hex: 0x311F)</b>	SIT (Table ID)	<b>Description:</b>	SIT Err Table Id
		<b>Applicable Standards:</b>	DVB, ISDB
<b>12576 (Hex: 0x3120)</b>	RST (Table ID)	<b>Description:</b>	non-RST table on PID 0x0013
		<b>Applicable Standards:</b>	DVB, Chinese
<b>12582 (Hex: 0x3126)</b>	DIT (Table ID)	<b>Description:</b>	DIT Err Table Id
		<b>Applicable Standards:</b>	DVB, ISDB
<b>12583 (Hex: 0x3127)</b>	H-EIT	<b>Description:</b>	Collection event for all H-EIT errors
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS26		EIT actual PF minimum section repetition interval
	PS27		EIT actual PF maximum repetition interval
	PS28		EIT actual PF obsolescence count



<b>12584 (Hex: 0x3128)</b>	M-EIT	
	<b>Description:</b>	Collection event for all M-EIT errors
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	PS113	M-EIT maximum repetition interval
	PS115	M-EIT minimum section repetition interval
	PS51	EIT obsolescence count
<b>12585 (Hex: 0x3129)</b>	L-EIT	
	<b>Description:</b>	Collection event for all L-EIT errors
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	PS114	L-EIT max repetition interval
	PS116	L-EIT minimum section repetition interval
	PS51	EIT obsolescence count
<b>12586 (Hex: 0x312A)</b>	H-SDTT	
	<b>Description:</b>	Collection event for all SDTT(H) errors
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	PS169	SDTT(H) max repetition interval
	PS170	SDTT(H) min section repetition interval
	PS70	SDTT obsolescence count
<b>12587 (Hex: 0x312B)</b>	L-SDTT	
	<b>Description:</b>	Collection event for all SDTT(H) errors
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	PS171	SDTT(L) max repetition interval
	PS172	SDTT(L) min section repetition interval
	PS70	SDTT obsolescence count
<b>12588 (Hex: 0x312C)</b>	DIT	
	<b>Description:</b>	Collection event for all DIT errors
	<b>Applicable Standards:</b>	ISDB

<b>12589 (Hex: 0x312D)</b>	SIT	<b>Description:</b>	Collection event for all SIT errors
		<b>Applicable Standards:</b>	ISDB
<b>12593 (Hex: 0x3131)</b>	Discontinuity	<b>Description:</b>	The discontinuity_indicator must not be set to '1' in three consecutive transport stream packets of that same PID.
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12594 (Hex: 0x3132)</b>	1.4 Continuity	<b>Description:</b>	1.4 Continuity
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12595 (Hex: 0x3133)</b>	Discontinuity	<b>Description:</b>	Discontinuity
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>12596 (Hex: 0x3134)</b>	TOT	<b>Description:</b>	Collection event for all TOT errors
		<b>Applicable Standards:</b>	ISDB
<b>12608 (Hex: 0x3140)</b>	3.1a NIT Actual	<b>Description:</b>	Section with table_id other than 0x40 or 0x41 or 0x72 (i. e. not an NIT or ST) found on PID 0x0010. No section with table_id 0x40 (i.e. an NIT_actual) in PID value 0x0010 for more than 10s. Any two sections with table_id = 0x40 (NIT_actual) occur on PID 0x0010 within a specified value (25ms or lower).
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
	<b>Associated Parameter(s)</b>		
	PS14		NIT actual network min section repetition interval
	PS15		NIT actual network maximum repetition interval
	PS16		NIT actual network obsolescence count

**12610 (Hex: 0x3142)** 3.5a SDT Actual

**Description:**

Sections with table\_id = 0x42 (SDT, actual TS) not present on PID 0x0011 for more than 2s. 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 (25ms or lower).

**Applicable Standards:**

DVB, ISDB, Chinese

**Associated Parameter(s)**

PS20

SDT actual minimum section repetition interval

PS21

SDT actual maximum repetition interval

PS22

SDT actual obsolescence count

**12611 (Hex: 0x3143)** 3.6a EIT Actual

**Description:**

Section '0' with table\_id = 0x4E (EIT-P, actual transport stream) not present on PID 0x0012 for more than 2s. Section '1' with table\_id = 0x4E (EIT-F, actual transport stream) not present on PID 0x0012 for more than 2s. 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 (25ms or lower).

**Applicable Standards:**

DVB, Chinese

**Associated Parameter(s)**

PS26

EIT actual PF minimum section repetition interval

PS27

EIT actual PF maximum repetition interval

PS28

EIT actual PF obsolescence count

PS32

EIT actual schedule minimum section repetition interval

PS33

EIT actual schedule maximum repetition interval

PS34

EIT actual schedule obsolescence count

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

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

<b>12805 (Hex: 0x3205)</b>	A/65 VCT	
	<b>Description:</b>	A/65 VCT Error
	<b>Applicable Standards:</b>	ATSC
	<b>Associated Parameter(s)</b>	
	PS48	VCT max subtable repetition interval
	PS65	VCT obsolescence count
	PS91	VCT max section repetition interval
<b>12806 (Hex: 0x3206)</b>	A/65 ETT	
	<b>Description:</b>	ETT Error
	<b>Applicable Standards:</b>	ATSC
<b>12808 (Hex: 0x3208)</b>	A/65 Base PID	
	<b>Description:</b>	A/65 Base Pid Error
	<b>Applicable Standards:</b>	ATSC
<b>12816 (Hex: 0x3210)</b>	A/65 VCT (Timer)	
	<b>Description:</b>	VCT Timer Error
	<b>Applicable Standards:</b>	ATSC
	<b>Associated Parameter(s)</b>	
	PS48	VCT max subtable repetition interval
<b>12817 (Hex: 0x3211)</b>	A/65 MGT (Timer)	
	<b>Description:</b>	MGT Timer Error
	<b>Applicable Standards:</b>	ATSC
	<b>Associated Parameter(s)</b>	
	PS47	MGT max section repetition interval
<b>12818 (Hex: 0x3212)</b>	A/65 STT (Timer)	
	<b>Description:</b>	STT Timer Error
	<b>Applicable Standards:</b>	ATSC
	<b>Associated Parameter(s)</b>	
	PS46	STT max section repetition interval

<b>12819 (Hex: 0x3213)</b>	A/65 RRT (Timer)	<b>Description:</b>	RRT Timer Error
		<b>Applicable Standards:</b>	ATSC
	<b>Associated Parameter(s)</b>		
	PS49		RRT max section repetition interval
<b>12848 (Hex: 0x3230)</b>	MGT/EIT-k presence	<b>Description:</b>	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.
		<b>Applicable Standards:</b>	ATSC
<b>13088 (Hex: 0x3320)</b>	A/53 Prog P'digm	<b>Description:</b>	A/53 Program Paradigm
		<b>Applicable Standards:</b>	ATSC
<b>13104 (Hex: 0x3330)</b>	PAT/PMT Consistency	<b>Description:</b>	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.
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>13105 (Hex: 0x3331)</b>	PAT/SDT Consistency	<b>Description:</b>	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.
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13106 (Hex: 0x3332)</b>	PAT/VCT consistency	<b>Description:</b>	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.
		<b>Applicable Standards:</b>	ATSC
<b>13107 (Hex: 0x3333)</b>	3.6c EIT PF	<b>Description:</b>	If either section ('0' or '1') of each EIT P/F subtable is present both must exist. Otherwise EIT_PF_error should be indicated
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese

<b>13312 (Hex: 0x3400)</b>	SFN Error	<b>Description:</b>	SFN Error
		<b>Applicable Standards:</b>	DVB, Chinese
		<b>Associated Parameter(s)</b>	
	PS54		MIP max repetition interval
	PS55		MIP synch time stamp jitter limit
<b>13313 (Hex: 0x3401)</b>	SFN (No MIP)	<b>Description:</b>	No SFN Mip
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13315 (Hex: 0x3403)</b>	SFN (Invalid MIP)	<b>Description:</b>	Invalid SFN Mip
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13316 (Hex: 0x3404)</b>	SFN (Timer)	<b>Description:</b>	Error in SFN Timer
		<b>Applicable Standards:</b>	DVB, Chinese
		<b>Associated Parameter(s)</b>	
	PS55		MIP synch time stamp jitter limit
<b>13328 (Hex: 0x3410)</b>	SFN One MIP per M/F	<b>Description:</b>	One SFN MIP allowed per mega-frame
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13329 (Hex: 0x3411)</b>	SFN Repetition	<b>Description:</b>	SFN MIP packets are turning up too slowly
		<b>Applicable Standards:</b>	DVB, Chinese
		<b>Associated Parameter(s)</b>	
	PS54		MIP max repetition interval
<b>13330 (Hex: 0x3412)</b>	SFN MIP Length	<b>Description:</b>	SFN MIP decode syntax check - length error
		<b>Applicable Standards:</b>	DVB, Chinese



<b>13331 (Hex: 0x3413)</b>	SFN CRC	<b>Description:</b>	SFN MIP decode syntax check - crc error
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13332 (Hex: 0x3414)</b>	SFN MIP Coding	<b>Description:</b>	SFN MIP decode syntax check - invalid coding
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13333 (Hex: 0x3415)</b>	SFN Periodicity Consistency	<b>Description:</b>	SFN MIP decode syntax check - inconsistent periodicity
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13334 (Hex: 0x3416)</b>	SFN Pointer Consistency	<b>Description:</b>	SFN MIP decode syntax check - inconsistent pointer
		<b>Applicable Standards:</b>	DVB, Chinese
<b>13568 (Hex: 0x3500)</b>	PAT Syntax	<b>Description:</b>	Syntax Error decoding PAT table
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>13569 (Hex: 0x3501)</b>	PMT Syntax	<b>Description:</b>	Syntax Error decoding PMT table
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>13570 (Hex: 0x3502)</b>	CAT Syntax	<b>Description:</b>	Syntax Error decoding CAT table
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>13571 (Hex: 0x3503)</b>	NIT Syntax	<b>Description:</b>	Syntax error in any NIT table
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>13572 (Hex: 0x3504)</b>	BAT Syntax	<b>Description:</b>	Syntax error in BAT table
		<b>Applicable Standards:</b>	DVB, Chinese

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

<b>13582 (Hex: 0x350E)</b>	STT Syntax	
	<b>Description:</b>	Syntax error in STT table
	<b>Applicable Standards:</b>	ATSC
<b>13583 (Hex: 0x350F)</b>	ETT Syntax	
	<b>Description:</b>	Syntax error in ETT table
	<b>Applicable Standards:</b>	ATSC
<b>13584 (Hex: 0x3510)</b>	DCCT Syntax	
	<b>Description:</b>	Syntax error in DCCT table
	<b>Applicable Standards:</b>	ATSC
<b>13585 (Hex: 0x3511)</b>	DCCSCT Syntax	
	<b>Description:</b>	Syntax error in DCCSCT table
	<b>Applicable Standards:</b>	ATSC
<b>13587 (Hex: 0x3513)</b>	PIM Syntax	
	<b>Description:</b>	Syntax error in PIM message
	<b>Applicable Standards:</b>	DCII
<b>13588 (Hex: 0x3514)</b>	PNM Syntax	
	<b>Description:</b>	Syntax error in PNM message
	<b>Applicable Standards:</b>	DCII
<b>13589 (Hex: 0x3515)</b>	NIM Syntax	
	<b>Description:</b>	Syntax error in NIM message
	<b>Applicable Standards:</b>	DCII
<b>13590 (Hex: 0x3516)</b>	NTM Syntax	
	<b>Description:</b>	Syntax error in NTM message
	<b>Applicable Standards:</b>	DCII
<b>13591 (Hex: 0x3517)</b>	VCM Syntax	
	<b>Description:</b>	Syntax error in VCM message
	<b>Applicable Standards:</b>	DCII

<b>13592 (Hex: 0x3518)</b>	STM Syntax	
	<b>Description:</b>	Syntax error in STM message
	<b>Applicable Standards:</b>	DCII
<b>13593 (Hex: 0x3519)</b>	H-EIT Syntax	
	<b>Description:</b>	H-EIT Syntax
	<b>Applicable Standards:</b>	ISDB
<b>13594 (Hex: 0x351A)</b>	M-EIT Syntax	
	<b>Description:</b>	M-EIT Syntax
	<b>Applicable Standards:</b>	ISDB
<b>13595 (Hex: 0x351B)</b>	L-EIT Syntax	
	<b>Description:</b>	L-EIT Syntax
	<b>Applicable Standards:</b>	ISDB
<b>13596 (Hex: 0x351C)</b>	H-EIT Basic Schedule Syntax	
	<b>Description:</b>	H-EIT Basic Schedule Syntax
	<b>Applicable Standards:</b>	ISDB
<b>13597 (Hex: 0x351D)</b>	H-EIT Extended Schedule Syntax	
	<b>Description:</b>	H-EIT Extended Schedule Syntax
	<b>Applicable Standards:</b>	ISDB
<b>13598 (Hex: 0x351E)</b>	SIT Syntax	
	<b>Description:</b>	SIT Syntax
	<b>Applicable Standards:</b>	DVB, Chinese
<b>13599 (Hex: 0x351F)</b>	DIT Syntax	
	<b>Description:</b>	DIT Syntax
	<b>Applicable Standards:</b>	DVB, Chinese
<b>13600 (Hex: 0x3520)</b>	Any Table Syntax	
	<b>Description:</b>	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.
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>13824 (Hex: 0x3600)</b>	Transport Stream Occupancy	<b>Description:</b>	Passes if the bit rate of the Transport Stream is within the expected limits.
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS1		Measurement interval for overall bit rate
	PS2		Minimum overall bit rate
	PS3		Maximum overall bit rate
<b>14083 (Hex: 0x3703)</b>	NIT Actual Min Section Reptn Int	<b>Description:</b>	NIT actual_network minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
		<b>Associated Parameter(s)</b>	
	PS14		NIT actual network min section repetition interval
<b>14084 (Hex: 0x3704)</b>	NIT Actual Max Subtable Reptn Int	<b>Description:</b>	NIT actual_network maximum subtable repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
		<b>Associated Parameter(s)</b>	
	PS15		NIT actual network maximum repetition interval
	PS16		NIT actual network obsolescence count
<b>14085 (Hex: 0x3705)</b>	NIT Actual Max Section Reptn Int	<b>Description:</b>	NIT actual_network maximum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
		<b>Associated Parameter(s)</b>	
	PS15		NIT actual network maximum repetition interval
	PS16		NIT actual network obsolescence count
<b>14086 (Hex: 0x3706)</b>	NIT Other Min Section Reptn Int	<b>Description:</b>	NIT other_network minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
		<b>Associated Parameter(s)</b>	
	PS17		NIT other network min section repetition interval

<b>14087 (Hex: 0x3707)</b>	NIT Other Max Subtable Reptn Int	<p><b>Description:</b> NIT other_network maximum subtable repetition interval</p> <p><b>Applicable Standards:</b> DVB, Chinese</p> <p><b>Associated Parameter(s)</b></p> <p>PS18 NIT other network max repetition interval</p> <p>PS19 NIT other network obsolescence count</p>
<b>14088 (Hex: 0x3708)</b>	3.1b NIT Other	<p><b>Description:</b> Interval between sections with the same section_number and table_id = 0x41 (NIT_other) on PID 0x0010 longer than a specified value (10s or higher).</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b></p> <p>PS17 NIT other network min section repetition interval</p> <p>PS18 NIT other network max repetition interval</p> <p>PS19 NIT other network obsolescence count</p>
<b>14089 (Hex: 0x3709)</b>	SDT Actual Min Section Reptn Int	<p><b>Description:</b> SDT actual_transport_stream minimum section repetition interval</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b></p> <p>PS20 SDT actual minimum section repetition interval</p>
<b>14090 (Hex: 0x370A)</b>	SDT Actual Max Subtable Reptn Int	<p><b>Description:</b> SDT actual_transport_stream maximum subtable repetition interval</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b></p> <p>PS179 SDT actual max subtable repetition interval</p>
<b>14091 (Hex: 0x370B)</b>	SDT Actual Max Section Reptn Int	<p><b>Description:</b> SDT actual_transport_stream maximum section repetition interval</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b></p> <p>PS21 SDT actual maximum repetition interval</p>

<b>14092 (Hex: 0x370C)</b>	SDT Other Min Section Reptn Int	<p><b>Description:</b> SDT other_transport_stream minimum section repetition interval</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b> PS23 SDT other min section repetition interval</p>
<b>14093 (Hex: 0x370D)</b>	SDT Other Max Subtable Reptn Int	<p><b>Description:</b> SDT other_transport_stream maximum subtable repetition interval</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b> PS24 SDT other max repetition interval PS25 SDT other obsolescence count</p>
<b>14094 (Hex: 0x370E)</b>	3.5b SDT Other	<p><b>Description:</b> Interval between sections with the same section_number and table_id = 0x46 (SDT, other TS) on PID 0x0011 longer than a specified value (10s or higher).</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b> PS24 SDT other max repetition interval PS25 SDT other obsolescence count</p>
<b>14095 (Hex: 0x370F)</b>	EIT Actual PF Min Sect Reptn Int	<p><b>Description:</b> DVB EIT actual_transport_stream present/following minimum section repetition interval</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b> PS26 EIT actual PF minimum section repetition interval</p>
<b>14096 (Hex: 0x3710)</b>	EIT Actual PF Max Subtable Reptn Int	<p><b>Description:</b> DVB EIT actual_transport_stream present/following maximum subtable repetition interval</p> <p><b>Applicable Standards:</b> DVB, ISDB, Chinese</p> <p><b>Associated Parameter(s)</b> PS27 EIT actual PF maximum repetition interval PS28 EIT actual PF obsolescence count</p>

<b>14097 (Hex: 0x3711)</b>	EIT Actual P Max Sect Reptn Int	<b>Description:</b>	DVB EIT actual_transport_stream present maximum section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
		<b>Associated Parameter(s)</b>	
	PS27		EIT actual PF maximum repetition interval
	PS28		EIT actual PF obsolescence count
<b>14098 (Hex: 0x3712)</b>	EIT Actual F Max Sect Reptn Int	<b>Description:</b>	DVB EIT actual_transport_stream following maximum section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
		<b>Associated Parameter(s)</b>	
	PS27		EIT actual PF maximum repetition interval
	PS28		EIT actual PF obsolescence count
<b>14099 (Hex: 0x3713)</b>	EIT Other PF Min Sect Reptn Int	<b>Description:</b>	DVB EIT other_transport_stream present/following minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
		<b>Associated Parameter(s)</b>	
	PS29		EIT other PF minimum section repetition interval
<b>14100 (Hex: 0x3714)</b>	EIT Other PF Max Subtable Reptn Int	<b>Description:</b>	DVB EIT other_transport_stream present/following maximum subtable repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
		<b>Associated Parameter(s)</b>	
	PS30		EIT other PF maximum repetition interval
	PS31		EIT other PF obsolescence count
<b>14101 (Hex: 0x3715)</b>	EIT Other P Max Sect Reptn Int	<b>Description:</b>	DVB EIT other_transport_stream present maximum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
		<b>Associated Parameter(s)</b>	
	PS30		EIT other PF maximum repetition interval
	PS31		EIT other PF obsolescence count



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

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

<b>14112 (Hex: 0x3720)</b>	BAT Min Sect Reptn Int	<b>Description:</b>	BAT minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS43		BAT min section repetition interval
<b>14113 (Hex: 0x3721)</b>	BAT Max Subtable Reptn Int	<b>Description:</b>	BAT maximum subtable repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS44		BAT max repetition interval
	PS45		BAT obsolescence count
<b>14119 (Hex: 0x3727)</b>	EIT-0,1,2,3 Max Sect Reptn Int	<b>Description:</b>	ATSC EIT-0, EIT-1, EIT-2 and EIT-3 maximum section repetition interval
		<b>Applicable Standards:</b>	ATSC
	<b>Associated Parameter(s)</b>		
	PS167		EIT 1 max repetition interval
	PS168		EIT 2/3 max repetition interval
	PS50		EIT 0 max repetition interval
<b>14120 (Hex: 0x3728)</b>	2.5 PTS	<b>Description:</b>	2.5 PTS
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PP5		Maximum PTS repetition interval
<b>14121 (Hex: 0x3729)</b>	EVID_INDIVIDUAL_NIT_ACTUAL_MIN_SECTION_RI	<b>Description:</b>	Ind NIT actual_network minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>14122 (Hex: 0x372A)</b>	EVID_INDIVIDUAL_NIT_ACTUAL_MAX_SUBTABLE_RI	<b>Description:</b>	Ind NIT actual_network maximum subtable repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese

<b>14123 (Hex: 0x372B)</b>	EVID_INDIVIDUAL_NIT_OTHER_MIN_SECTION_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind NIT other_network minimum section repetition interval DVB, Chinese
<b>14124 (Hex: 0x372C)</b>	EVID_INDIVIDUAL_NIT_OTHER_MAX_SUBTABLE_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind NIT other_network maximum subtable repetition interval DVB, Chinese
<b>14125 (Hex: 0x372D)</b>	EVID_INDIVIDUAL_NIT_OTHER_MAX_SECTION_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind NIT other_network maximum section repetition interval DVB, ISDB, Chinese
<b>14126 (Hex: 0x372E)</b>	EVID_INDIVIDUAL_SDT_ACTUAL_MIN_SECTION_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind SDT actual_transport_stream minimum section repetition interval DVB, ISDB, Chinese
<b>14127 (Hex: 0x372F)</b>	EVID_INDIVIDUAL_SDT_ACTUAL_MAX_SUBTABLE_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind SDT actual_transport_stream maximum subtable repetition interval DVB, ISDB, Chinese
<b>14128 (Hex: 0x3730)</b>	EVID_INDIVIDUAL_SDT_OTHER_MIN_SECTION_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind SDT other_transport_stream minimum section repetition interval DVB, ISDB, Chinese

<b>14129 (Hex: 0x3731)</b>	EVID_INDIVIDUAL_SDT_OTHER_MAX_SUBTABLE_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind SDT other_transport_stream maximum subtable repetition interval DVB, ISDB, Chinese
<b>14130 (Hex: 0x3732)</b>	EVID_INDIVIDUAL_SDT_OTHER_MAX_SECTION_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind SDT other_transport_stream maximum section repetition interval DVB, ISDB, Chinese
<b>14131 (Hex: 0x3733)</b>	EVID_INDIVIDUAL_DVBEIT_ACTUAL_PF_MIN_SECTI	<b>Description:</b> <b>Applicable Standards:</b>	Ind DVB EIT actual_transport_stream present/following minimum section repetition interval DVB, ISDB, Chinese
<b>14132 (Hex: 0x3734)</b>	EVID_INDIVIDUAL_DVBEIT_ACTUAL_PF_MAX_SUBT	<b>Description:</b> <b>Applicable Standards:</b>	Ind DVB EIT actual_transport_stream present/following maximum subtable repetition interval DVB, ISDB, Chinese
<b>14133 (Hex: 0x3735)</b>	EVID_INDIVIDUAL_DVBEIT_OTHER_PF_MIN_SECTIO	<b>Description:</b> <b>Applicable Standards:</b>	Ind DVB EIT other_transport_stream present/following minimum section repetition interval DVB, ISDB, Chinese
<b>14134 (Hex: 0x3736)</b>	EVID_INDIVIDUAL_DVBEIT_OTHER_PF_MAX_SUBTA	<b>Description:</b> <b>Applicable Standards:</b>	Ind DVB EIT other_transport_stream present/following maximum subtable repetition interval DVB, ISDB, Chinese

<b>14135 (Hex: 0x3737)</b>	EVID_INDIVIDUAL_DVBEIT_ACTUAL_S_MIN_SECTION	<b>Description:</b>	Ind DVB EIT actual_transport_stream schedule minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>14136 (Hex: 0x3738)</b>	EVID_INDIVIDUAL_DVBEIT_ACTUAL_S_MAX_SUBTABLE	<b>Description:</b>	Ind DVB EIT actual_transport_stream schedule maximum subtable repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>14137 (Hex: 0x3739)</b>	EVID_INDIVIDUAL_DVBEIT_OTHER_S_MIN_SECTION	<b>Description:</b>	Ind DVB EIT other_transport_stream schedule minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>14138 (Hex: 0x373A)</b>	EVID_INDIVIDUAL_DVBEIT_OTHER_S_MAX_SUBTABLE	<b>Description:</b>	Ind DVB EIT other_transport_stream schedule maximum subtable repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese
<b>14139 (Hex: 0x373B)</b>	EVID_INDIVIDUAL_RST_MIN_SECTION_RI	<b>Description:</b>	Ind RST minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
<b>14140 (Hex: 0x373C)</b>	EVID_INDIVIDUAL_TDT_MIN_SECTION_RI	<b>Description:</b>	Ind TDT minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
<b>14141 (Hex: 0x373D)</b>	EVID_INDIVIDUAL_TOT_MIN_SECTION_RI	<b>Description:</b>	Ind TOT minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, ISDB, Chinese

<b>14142 (Hex: 0x373E)</b>	EVID_INDIVIDUAL_BAT_MIN_SECTION_RI	<b>Description:</b>	Ind BAT minimum section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
<b>14143 (Hex: 0x373F)</b>	EVID_INDIVIDUAL_BAT_MAX_SUBTABLE_RI	<b>Description:</b>	Ind BAT maximum subtable repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
<b>14145 (Hex: 0x3741)</b>	EVID_INDIVIDUAL_SDTT_MIN_SECTION_RI	<b>Description:</b>	Ind SDTT minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14146 (Hex: 0x3742)</b>	EVID_INDIVIDUAL_SDTT_MAX_SUBTABLE_RI	<b>Description:</b>	Ind SDTT maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14147 (Hex: 0x3743)</b>	EVID_INDIVIDUAL_BIT_MIN_SECTION_RI	<b>Description:</b>	Ind BIT minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14148 (Hex: 0x3744)</b>	EVID_INDIVIDUAL_BIT_MAX_SUBTABLE_RI	<b>Description:</b>	Ind BIT maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14155 (Hex: 0x374B)</b>	EVID_INDIVIDUAL_VCT_MAX_SUBTABLE_RI	<b>Description:</b>	Ind VCT maximum subtable repetition error
		<b>Applicable Standards:</b>	ATSC

<b>14156 (Hex: 0x374C)</b>	VCT Max Sect Reptn Int	<b>Description:</b>	VCT maximum section repetition error
		<b>Applicable Standards:</b>	ATSC
	<b>Associated Parameter(s)</b>		
	PS91		VCT max section repetition interval
<b>14157 (Hex: 0x374D)</b>	EVID_INDIVID- UAL_CDT_MAX_SUBTABLE_RI	<b>Description:</b>	Ind CDT maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14158 (Hex: 0x374E)</b>	EVID_INDIVID- UAL_CDT_MIN_SECTION_RI	<b>Description:</b>	Ind CDT minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14161 (Hex: 0x3751)</b>	NIT Actual Missing	<b>Description:</b>	NIT Table not detected
		<b>Applicable Standards:</b>	Chinese
<b>14162 (Hex: 0x3752)</b>	SDT Actual Missing	<b>Description:</b>	SDT Table not detected
		<b>Applicable Standards:</b>	Chinese
<b>14163 (Hex: 0x3753)</b>	EIT Actual PF Missing	<b>Description:</b>	EIT Table not detected
		<b>Applicable Standards:</b>	Chinese
<b>14164 (Hex: 0x3754)</b>	TDT Missing	<b>Description:</b>	TDT Table not detected
		<b>Applicable Standards:</b>	Chinese
<b>14165 (Hex: 0x3755)</b>	MGT Missing	<b>Description:</b>	MGT Table not detected
		<b>Applicable Standards:</b>	ATSC



<b>14166 (Hex: 0x3756)</b>	VCT Missing <b>Description:</b> <b>Applicable Standards:</b>	VCT Table not detected ATSC
<b>14167 (Hex: 0x3757)</b>	RRT Missing <b>Description:</b> <b>Applicable Standards:</b>	RRT Table not detected ATSC
<b>14168 (Hex: 0x3758)</b>	STT Missing <b>Description:</b> <b>Applicable Standards:</b>	STT Table not detected ATSC
<b>14169 (Hex: 0x3759)</b>	EIT-0,1,2,3 Missing <b>Description:</b> <b>Applicable Standards:</b>	ATSC EIT 0, 1, 2, 3 tables not detected ATSC
<b>14172 (Hex: 0x375C)</b>	M-EIT Max Subtable Reptn Int <b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b> PS113	M-EIT Maximum Subtable repetition interval ISDB M-EIT maximum repetition interval
<b>14173 (Hex: 0x375D)</b>	M-EIT Min Sect Reptn Int <b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b> PS115	M-EIT Minimum Sect repetition interval ISDB M-EIT minimum section repetition interval
<b>14174 (Hex: 0x375E)</b>	L-EIT Max Subtable Reptn Int <b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b> PS114	L-EIT Maximum Subtable repetition interval ISDB L-EIT max repetition interval

<b>14175 (Hex: 0x375F)</b>	L-EIT Min Sect Reptn Int	<b>Description:</b>	L-EIT Minimum Sect repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS116		L-EIT minimum section repetition interval
<b>14176 (Hex: 0x3760)</b>	SDTT Min Sect Reptn Int	<b>Description:</b>	SDTT minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS86		SDTT min section repetition interval
<b>14177 (Hex: 0x3761)</b>	SDTT Max Subtable Reptn Int	<b>Description:</b>	SDTT maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS71		SDTT max repetition interval
<b>14178 (Hex: 0x3762)</b>	BIT Min Section Reptn Int	<b>Description:</b>	BIT minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS87		BIT min section repetition interval
<b>14179 (Hex: 0x3763)</b>	BIT Max Subtable Reptn Int	<b>Description:</b>	BIT maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS73		BIT max subtable repetition interval
<b>14192 (Hex: 0x3770)</b>	SDTT	<b>Description:</b>	Collection event for all SDTT errors
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS70		SDTT obsolescence count
	PS71		SDTT max repetition interval
	PS86		SDTT min section repetition interval

<b>14193 (Hex: 0x3771)</b>	BIT	<b>Description:</b>	Collection event for all BIT errors
		<b>Applicable Standards:</b>	ISDB
		<b>Associated Parameter(s)</b>	
	PS72		BIT obsolescence count
	PS73		BIT max subtable repetition interval
	PS87		BIT min section repetition interval
<b>14197 (Hex: 0x3775)</b>	CDT Min Sect Reptn Int	<b>Description:</b>	CDT minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
		<b>Associated Parameter(s)</b>	
	PS96		CDT min section repetition interval
<b>14198 (Hex: 0x3776)</b>	CDT Max Subtable Reptn Int	<b>Description:</b>	CDT maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
		<b>Associated Parameter(s)</b>	
	PS95		CDT max subtable repetition interval
<b>14199 (Hex: 0x3777)</b>	CDT	<b>Description:</b>	Collection event for all CDT errors
		<b>Applicable Standards:</b>	ISDB
		<b>Associated Parameter(s)</b>	
	PS94		CDT obsolescence count
	PS95		CDT max subtable repetition interval
	PS96		CDT min section repetition interval
<b>14208 (Hex: 0x3780)</b>	SDTT (Table ID)	<b>Description:</b>	SDTT Err Table Id
		<b>Applicable Standards:</b>	ISDB
<b>14209 (Hex: 0x3781)</b>	BIT (Table ID)	<b>Description:</b>	BIT Err Table Id
		<b>Applicable Standards:</b>	ISDB

<b>14225 (Hex: 0x3791)</b>	SDTT Syntax	
	<b>Description:</b>	Syntax error in SDTT table
	<b>Applicable Standards:</b>	ISDB
<b>14226 (Hex: 0x3792)</b>	BIT Syntax	
	<b>Description:</b>	Syntax error in BIT table
	<b>Applicable Standards:</b>	ISDB
<b>14233 (Hex: 0x3799)</b>	CDT Syntax	
	<b>Description:</b>	Syntax error in CDT table
	<b>Applicable Standards:</b>	ISDB
<b>14234 (Hex: 0x379A)</b>	ISDBT Guard Interval Consistency	
	<b>Description:</b>	ISDBT Guard Interval Consistency
	<b>Applicable Standards:</b>	ISDB
<b>14235 (Hex: 0x379B)</b>	ISDBT Transmission Mode Consistency	
	<b>Description:</b>	ISDBT Transmission Mode Consistency
	<b>Applicable Standards:</b>	ISDB
<b>14236 (Hex: 0x379C)</b>	ISDBT Partial Reception Consistency	
	<b>Description:</b>	ISDBT Partial Reception Consistency
	<b>Applicable Standards:</b>	ISDB
<b>14237 (Hex: 0x379D)</b>	ISDBT Modulation Consistency	
	<b>Description:</b>	ISDBT Modulation Consistency
	<b>Applicable Standards:</b>	ISDB
<b>14238 (Hex: 0x379E)</b>	ISDBT Mode/Guard Interval Validation	
	<b>Description:</b>	ISDBT Mode/Guard Interval Validation
	<b>Applicable Standards:</b>	ISDB
<b>14239 (Hex: 0x379F)</b>	ISDBT Time Interleaving Validation	
	<b>Description:</b>	ISDBT Time Interleaving Validation
	<b>Applicable Standards:</b>	ISDB

<b>14240 (Hex: 0x37A0)</b>	ISDBT Modulation/Error Compensation Validation	<b>Description:</b>	ISDBT Modulation/Error Compensation Validation
		<b>Applicable Standards:</b>	ISDB
<b>14241 (Hex: 0x37A1)</b>	ISDBT NIT Terrestrial Delivery Validation	<b>Description:</b>	ISDBT NIT Terrestrial Delivery Validation
		<b>Applicable Standards:</b>	ISDB
<b>14242 (Hex: 0x37A2)</b>	ISDBT NIT Service List Consistency	<b>Description:</b>	ISDBT NIT Service Consistency
		<b>Applicable Standards:</b>	ISDB
<b>14243 (Hex: 0x37A3)</b>	ISDBT Partial Reception/TS Information Consistency	<b>Description:</b>	ISDBT Partial Reception/TS Information Consistency
		<b>Applicable Standards:</b>	ISDB
<b>14245 (Hex: 0x37A5)</b>	ISDBT EIT Type Content Check	<b>Description:</b>	ISDBT NIT Service Consistency
		<b>Applicable Standards:</b>	ISDB
<b>14246 (Hex: 0x37A6)</b>	ISDBT EIT Unique Event Id	<b>Description:</b>	ISDBT EIT Unique Event Id
		<b>Applicable Standards:</b>	ISDB
<b>14247 (Hex: 0x37A7)</b>	ISDBT SDT/EIT Consistency	<b>Description:</b>	ISDBT SDT/EIT Consistency
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS111		SDT/EIT Consistency Timer Interval
<b>14248 (Hex: 0x37A8)</b>	EVID_ISDBT_INDIVIDUAL_SDT_EIT_CONSISTENCY	<b>Description:</b>	Ind ISDBT SDT/EIT Consistency
		<b>Applicable Standards:</b>	ISDB

<b>14250 (Hex: 0x37AA)</b>	ISBBT NIT/EIT Consistency	<b>Description:</b>	ISDBT NIT/EIT Consistency
		<b>Applicable Standards:</b>	ISDB
<b>14251 (Hex: 0x37AB)</b>	EVID_ISDBT_INDIVID- UAL_NIT_EIT_CONSISTENCY	<b>Description:</b>	Ind ISDBT NIT/EIT Consistency
		<b>Applicable Standards:</b>	ISDB
<b>14257 (Hex: 0x37B1)</b>	ISDBT NIT/SDT Consistency	<b>Description:</b>	ISDBT NIT/SDT Consistency
		<b>Applicable Standards:</b>	ISDB
<b>14258 (Hex: 0x37B2)</b>	ISDBT IIP MCCI CRC	<b>Description:</b>	ISDBT IIP MCCI CRC
		<b>Applicable Standards:</b>	ISDB
<b>14259 (Hex: 0x37B3)</b>	ISDBT IIP SFN Sync CRC	<b>Description:</b>	ISDBT IIP SFN Sync CRC
		<b>Applicable Standards:</b>	ISDB
<b>14260 (Hex: 0x37B4)</b>	ISDBT Any IIP CRC	<b>Description:</b>	ISDBT Any IIP CRC
		<b>Applicable Standards:</b>	ISDB
<b>14261 (Hex: 0x37B5)</b>	H-EIT basic schedule max subtable RI for TV	<b>Description:</b>	H-EIT basic schedule maximum subtable repetition interval for television services
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	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
<b>14262 (Hex: 0x37B6)</b>	H-EIT basic schedule max subtable RI for audio	
	<b>Description:</b>	H-EIT basic schedule maximum subtable repetition interval for audio services
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	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
<b>14263 (Hex: 0x37B7)</b>	H-EIT basic schedule max subtable RI for data	
	<b>Description:</b>	H-EIT basic schedule maximum subtable repetition interval for data services
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	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
	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
	PS162	EIT basic schedule (Data) range

<b>14264 (Hex: 0x37B8)</b>	H-EIT extended schedule max subtable RI for TV
<b>Description:</b>	H-EIT extended schedule maximum subtable repetition interval for television services
<b>Applicable Standards:</b>	ISDB
<b>Associated Parameter(s)</b>	
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
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
PS163	EIT extended schedule (TV) range
<b>14265 (Hex: 0x37B9)</b>	H-EIT extended schedule max subtable RI for audio
<b>Description:</b>	H-EIT basic schedule maximum subtable repetition interval for audio services
<b>Applicable Standards:</b>	ISDB
<b>Associated Parameter(s)</b>	
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
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
PS164	EIT extended schedule (Sound) range
<b>14266 (Hex: 0x37BA)</b>	H-EIT extended schedule max subtable RI for data
<b>Description:</b>	H-EIT basic schedule maximum subtable repetition interval for data services
<b>Applicable Standards:</b>	ISDB
<b>Associated Parameter(s)</b>	
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



	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
	PS165	EIT extended schedule (Data) range
<b>14273 (Hex: 0x37C1)</b>	ISDBT IIP Branching	
	<b>Description:</b>	ISDBT IIP Branching
	<b>Applicable Standards:</b>	ISDB
<b>14274 (Hex: 0x37C2)</b>	EVIDISDBT_IIP_MIN_RI	
	<b>Description:</b>	ISDBT IIP Error
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	PS166	IIP min repetition interval
<b>14275 (Hex: 0x37C3)</b>	ISDBT TMCC Id Error	
	<b>Description:</b>	ISDBT TMCC Id Error
	<b>Applicable Standards:</b>	ISDB
<b>14276 (Hex: 0x37C4)</b>	ISDBT Max Partial Reception Services Error	
	<b>Description:</b>	ISDBT Maximum Partial Reception Services Error
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	PS264	Maximum number of partial reception services
<b>14277 (Hex: 0x37C5)</b>	ISDBT NIT/PMT Consistency	
	<b>Description:</b>	ISDBT NIT/PMT Consistency
	<b>Applicable Standards:</b>	ISDB
<b>14278 (Hex: 0x37C6)</b>	ISDBT Partial Reception Service ID Check	
	<b>Description:</b>	ISDBT Partial Reception Service ID Check
	<b>Applicable Standards:</b>	ISDB

<b>14288 (Hex: 0x37D0)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYCLE_GROUP_1	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group 1
		<b>Applicable Standards:</b>	ISDB
<b>14289 (Hex: 0x37D1)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYCLE_GROUP_2	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group 2
		<b>Applicable Standards:</b>	ISDB
<b>14290 (Hex: 0x37D2)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_CYCLE_GROUP_3	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group 3
		<b>Applicable Standards:</b>	ISDB
<b>14291 (Hex: 0x37D3)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_TV_MAX_RI_BASE	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for television services Cycle Group Base
		<b>Applicable Standards:</b>	ISDB
<b>14292 (Hex: 0x37D4)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 1
		<b>Applicable Standards:</b>	ISDB
<b>14293 (Hex: 0x37D5)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_RI	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 2
		<b>Applicable Standards:</b>	ISDB

<b>14294 (Hex: 0x37D6)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_R	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 3
		<b>Applicable Standards:</b>	ISDB
<b>14295 (Hex: 0x37D7)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_AUDIO_MAX_R	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group Base
		<b>Applicable Standards:</b>	ISDB
<b>14296 (Hex: 0x37D8)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 1
		<b>Applicable Standards:</b>	ISDB
<b>14297 (Hex: 0x37D9)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 2
		<b>Applicable Standards:</b>	ISDB
<b>14298 (Hex: 0x37DA)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 3
		<b>Applicable Standards:</b>	ISDB
<b>14299 (Hex: 0x37DB)</b>	EVID_INDIVIDUAL_HEIT_BASIC_SCD_DATA_MAX_RI	<b>Description:</b>	Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group Base
		<b>Applicable Standards:</b>	ISDB

<b>14300 (Hex: 0x37DC)</b>	EVID_INDIVID- UAL_HEIT_EXT_SCD_TV_MAX_RI _CYC1	<b>Description:</b> Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group 1  <b>Applicable Standards:</b> ISDB
<b>14301 (Hex: 0x37DD)</b>	EVID_INDIVID- UAL_HEIT_EXT_SCD_TV_MAX_RI _CYC2	<b>Description:</b> Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group 2  <b>Applicable Standards:</b> ISDB
<b>14302 (Hex: 0x37DE)</b>	EVID_INDIVID- UAL_HEIT_EXT_SCD_TV_MAX_RI _CYC3	<b>Description:</b> Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group 3  <b>Applicable Standards:</b> ISDB
<b>14303 (Hex: 0x37DF)</b>	EVID_INDIVID- UAL_HEIT_EXT_SCD_TV_MAX_RI _BASE	<b>Description:</b> Ind H-EIT extended schedule maximum subtable repetition interval for television services Cycle Group Base  <b>Applicable Standards:</b> ISDB
<b>14304 (Hex: 0x37E0)</b>	EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_	<b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 1  <b>Applicable Standards:</b> ISDB
<b>14305 (Hex: 0x37E1)</b>	EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_	<b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 2  <b>Applicable Standards:</b> ISDB

<p><b>14306 (Hex: 0x37E2)</b></p>	<p>EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_</p>	<p><b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group 3</p> <p><b>Applicable Standards:</b> ISDB</p>
<p><b>14307 (Hex: 0x37E3)</b></p>	<p>EVID_INDIVID- UAL_HEIT_EXT_SCD_AU- DIO_MAX_RI_</p>	<p><b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for audio services Cycle Group Base</p> <p><b>Applicable Standards:</b> ISDB</p>
<p><b>14308 (Hex: 0x37E4)</b></p>	<p>EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_ RI_C</p>	<p><b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 1</p> <p><b>Applicable Standards:</b> ISDB</p>
<p><b>14309 (Hex: 0x37E5)</b></p>	<p>EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_ RI_C</p>	<p><b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 2</p> <p><b>Applicable Standards:</b> ISDB</p>
<p><b>14310 (Hex: 0x37E6)</b></p>	<p>EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_ RI_C</p>	<p><b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group 3</p> <p><b>Applicable Standards:</b> ISDB</p>
<p><b>14311 (Hex: 0x37E7)</b></p>	<p>EVID_INDIVID- UAL_HEIT_EXT_SCD_DATA_MAX_ RI_B</p>	<p><b>Description:</b> Ind H-EIT basic schedule maximum subtable repetition interval for data services Cycle Group Base</p> <p><b>Applicable Standards:</b> ISDB</p>

<b>14312 (Hex: 0x37E8)</b>	SDTT(H) min section RI	<b>Description:</b>	SDTT(H) minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS170		SDTT(H) min section repetition interval
<b>14313 (Hex: 0x37E9)</b>	SDTT(H) max subtable RI	<b>Description:</b>	SDTT(H) maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS169		SDTT(H) max repetition interval
<b>14314 (Hex: 0x37EA)</b>	EVID_INDIVID- UAL_HSDTT_MIN_SECTION_RI	<b>Description:</b>	Ind SDTT(H) minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14315 (Hex: 0x37EB)</b>	EVID_INDIVID- UAL_HSDTT_MAX_SUBTABLE_RI	<b>Description:</b>	Ind SDTT(H) maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
<b>14316 (Hex: 0x37EC)</b>	SDTT(L) min section RI	<b>Description:</b>	SDTT(L) minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS172		SDTT(L) min section repetition interval
<b>14317 (Hex: 0x37ED)</b>	SDTT(L) max subtable RI	<b>Description:</b>	SDTT(L) maximum subtable repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS171		SDTT(L) max repetition interval
<b>14318 (Hex: 0x37EE)</b>	EVID_INDIVID- UAL_LSDTT_MIN_SECTION_RI	<b>Description:</b>	Ind SDTT(L) minimum section repetition interval
		<b>Applicable Standards:</b>	ISDB

<b>14319 (Hex: 0x37EF)</b>	EVID_INDIVID- UAL_LSDDT_MAX_SUBTABLE_RI	<b>Description:</b> <b>Applicable Standards:</b>	Ind SDTT(L) maximum subtable repetition interval ISDB
<b>14320 (Hex: 0x37F0)</b>	SDTT(H) Syntax	<b>Description:</b> <b>Applicable Standards:</b>	SDTT(H) Syntax error ISDB
<b>14321 (Hex: 0x37F1)</b>	SDTT(L) Syntax	<b>Description:</b> <b>Applicable Standards:</b>	SDTT(L) Syntax error ISDB
<b>14322 (Hex: 0x37F2)</b>	Other	<b>Description:</b> <b>Applicable Standards:</b>	Other MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14323 (Hex: 0x37F3)</b>	Priority 1	<b>Description:</b> <b>Applicable Standards:</b>	Priority 1 MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14324 (Hex: 0x37F4)</b>	Priority 2	<b>Description:</b> <b>Applicable Standards:</b>	Priority 2 MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14325 (Hex: 0x37F5)</b>	Priority 3	<b>Description:</b> <b>Applicable Standards:</b>	Priority 3 MPEG, DVB, ISDB, Chinese, DCII
<b>14326 (Hex: 0x37F6)</b>	Table Tests	<b>Description:</b> <b>Applicable Standards:</b>	Table Tests MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14327 (Hex: 0x37F7)</b>	TR 101 290	<b>Description:</b> <b>Applicable Standards:</b>	TR 101 290 MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>14328 (Hex: 0x37F8)</b>	ISDB Tests	
	<b>Description:</b>	ISDB Tests
	<b>Applicable Standards:</b>	ISDB
<b>14329 (Hex: 0x37F9)</b>	Miscellaneous	
	<b>Description:</b>	Miscellaneous
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14331 (Hex: 0x37FB)</b>	Table Id Error	
	<b>Description:</b>	Table Id Error
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14332 (Hex: 0x37FC)</b>	Timer Error	
	<b>Description:</b>	Timer Error
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, Chinese, DCII
<b>14333 (Hex: 0x37FD)</b>	HEIT Schedule	
	<b>Description:</b>	HEIT Schedule
	<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>	
	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
	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

<b>14336 (Hex: 0x3800)</b>	EVID_RF_LOCK	<b>Description:</b>	RF out of lock error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS200		Lock Limit
<b>14337 (Hex: 0x3801)</b>	EVID_RF_MER	<b>Description:</b>	RF MER limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS201		MER absolute limit
<b>14338 (Hex: 0x3802)</b>	EVID_RF_MER_DRIFT	<b>Description:</b>	RF MER drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS202		MER drift limit
<b>14339 (Hex: 0x3803)</b>	EVID_RF_EVM	<b>Description:</b>	RF EVM limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS203		EVM absolute limit
<b>14340 (Hex: 0x3804)</b>	EVID_RF_EVM_DRIFT	<b>Description:</b>	RF EVM drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS204		EVM drift limit
<b>14341 (Hex: 0x3805)</b>	EVID_RF_BER_PRE_RS	<b>Description:</b>	RF pre RS BER limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS205		BER Pre RS abs

<b>14342 (Hex: 0x3806)</b>	EVID_RF_BER_PRE_RS_DRIFT	<b>Description:</b>	RF pre RS BER drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS206		BER pre RS drift
<b>14343 (Hex: 0x3807)</b>	EVID_RF_BER_PRE_VITERBI	<b>Description:</b>	RF pre Viterbi limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS207		BER PRE Viterbi abs Limit
<b>14344 (Hex: 0x3808)</b>	EVID_RF_BER_PRE_VITERBI_DRIFT	<b>Description:</b>	RF pre Viterbi drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS208		BER pre viterbi drift limit
<b>14345 (Hex: 0x3809)</b>	EVID_RF_BER_POST_RS	<b>Description:</b>	RF post RS BER limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS209		BER post RS abs limit
<b>14346 (Hex: 0x380A)</b>	EVID_RF_BER_POST_RS_DRIFT	<b>Description:</b>	RF post RS BER drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS210		BER Post RS drift limit
<b>14347 (Hex: 0x380B)</b>	EVID_RF_TEF	<b>Description:</b>	RF TEF rate limit error
		<b>Applicable Standards:</b>	ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS211		TEF abs limit

<b>14348 (Hex: 0x380C)</b>	EVID_RF_TEF_DRIFT	<b>Description:</b>	RF TEF rate drift limit error
		<b>Applicable Standards:</b>	ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS212		TEF drift limit
<b>14349 (Hex: 0x380D)</b>	EVID_RF_POWER_HIGH	<b>Description:</b>	RF High Power limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS213		Power high limit
<b>14350 (Hex: 0x380E)</b>	EVID_RF_POWER_LOW	<b>Description:</b>	RF Low Power limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS214		Power low limit
<b>14351 (Hex: 0x380F)</b>	EVID_RF_POWER_DRIFT	<b>Description:</b>	RF Power drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS215		Power drift limit
<b>14352 (Hex: 0x3810)</b>	EVID_RF_SNR	<b>Description:</b>	RF SNR limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS216		SNR limit
<b>14353 (Hex: 0x3811)</b>	EVID_RF_SNR_DRIFT	<b>Description:</b>	RF SNR drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS217		SNR drift

<b>14354 (Hex: 0x3812)</b>	EVID_RF_CNR	<b>Description:</b>	RF CNR limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS218		CNR limit
<b>14355 (Hex: 0x3813)</b>	EVID_RF_CNR_DRIFT	<b>Description:</b>	RF CNR drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS219		CNR drift
<b>14356 (Hex: 0x3814)</b>	EVID_RF_CARRIER_OFFSET	<b>Description:</b>	RF Carrier offset limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS220		Carrier offset limit
<b>14357 (Hex: 0x3815)</b>	EVID_RF_CARRIER_OFFSET_DRIFT	<b>Description:</b>	RF Carrier offset drift limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS221		Carrier offset drift limit
<b>14358 (Hex: 0x3816)</b>	RF Metric Errors	<b>Description:</b>	RF Metric Errors
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS200		Lock Limit
	PS201		MER absolute limit
	PS202		MER drift limit
	PS203		EVM absolute limit
	PS204		EVM drift limit
	PS205		BER Pre RS abs
	PS206		BER pre RS drift
	PS207		BER PRE Viterbi abs Limit

PS208	BER pre viterbi drift limit
PS209	BER post RS abs limit
PS210	BER Post RS drift limit
PS213	Power high limit
PS214	Power low limit
PS215	Power drift limit
PS216	SNR limit
PS217	SNR drift
PS218	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

<b>14371 (Hex: 0x3823)</b>	DPI/SIT Single PID test	
	<b>Description:</b>	SCTE 35 2001 limit of 1 DPI PIDs per program
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14372 (Hex: 0x3824)</b>	DPI/SIT Multi PID Test	
	<b>Description:</b>	SCTE 35 2004 limit of 8 DPI PIDs per program
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14373 (Hex: 0x3825)</b>	DPI/SIT Eryption failure	
	<b>Description:</b>	Cannot decode encrypted DPI messages
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14374 (Hex: 0x3826)</b>	DPI/SIT Missing	
	<b>Description:</b>	Signalled DPI information has not arrived
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS176	Splice information table missing test interval

<b>14375 (Hex: 0x3827)</b>	Ind DPI/SIT Missing	<b>Description:</b>	Signalled DPI information has not arrived
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14376 (Hex: 0x3828)</b>	DPI/SIT Syntax error	<b>Description:</b>	DPI table syntax error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14377 (Hex: 0x3829)</b>	DPI/SIT Max repetition rate error	<b>Description:</b>	DPI information repetition rate is too low
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS177		Splice information table max repetition interval
<b>14378 (Hex: 0x382A)</b>	Any DPI/SIT Errors	<b>Description:</b>	DPI heading for DPI errors not set or sent
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>14416 (Hex: 0x3850)</b>	RF errored packet limit error	<b>Description:</b>	RF errored packet limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS265		Corrupted packets per second limit
<b>14418 (Hex: 0x3852)</b>	RF dropped packet limit error	<b>Description:</b>	RF dropped packet limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS269		Dropped packets per second limit
<b>14420 (Hex: 0x3854)</b>	RF Packet interval time limit error	<b>Description:</b>	RF Packet interval time limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS273		Packet interval timing limit

<b>14422 (Hex: 0x3856)</b>	RF Out of order packet limit error	<b>Description:</b>	RF Out-of-order packet limit error
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS277		Out of order packets per second limit
<b>14432 (Hex: 0x3860)</b>	A53 non-AC3 Audio	<b>Description:</b>	Non AC3 audio in ATSC
		<b>Applicable Standards:</b>	ATSC
<b>14592 (Hex: 0x3900)</b>	Script Validation Error	<b>Description:</b>	Script Validation Error
		<b>Applicable Standards:</b>	MPEG, ATSC, ISDB
<b>14593 (Hex: 0x3901)</b>	Script Conformance Warning	<b>Description:</b>	Script Conformance Warning
		<b>Applicable Standards:</b>	MPEG, ATSC, ISDB
<b>14594 (Hex: 0x3902)</b>	EventID_0x3902	<b>Description:</b>	EventID_0x3902
		<b>Applicable Standards:</b>	MPEG, ATSC, ISDB
<b>14595 (Hex: 0x3903)</b>	EventID_0x3903	<b>Description:</b>	EventID_0x3903
		<b>Applicable Standards:</b>	MPEG, ATSC, ISDB
<b>14597 (Hex: 0x3905)</b>	DII Timeout	<b>Description:</b>	DII not received within timeout period
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS188		DII default timeout period
<b>14600 (Hex: 0x3908)</b>	DII min RI	<b>Description:</b>	DII minimum repetition interval
		<b>Applicable Standards:</b>	ISDB
	<b>Associated Parameter(s)</b>		
	PS184		DII min repetition interval



<b>14601 (Hex: 0x3909)</b>	Ind DII min repetition error <b>Description:</b> <b>Applicable Standards:</b>	Ind DII minimum repetition error ISDB
<b>14604 (Hex: 0x390C)</b>	DII max RI <b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b> PS185	DII maximum repetition interval ISDB DII max repetition interval
<b>14605 (Hex: 0x390D)</b>	Ind DII max repetition error <b>Description:</b> <b>Applicable Standards:</b>	Ind DII maximum repetition error ISDB
<b>14606 (Hex: 0x390E)</b>	DII download completion <b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b> 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
<b>14607 (Hex: 0x390F)</b>	Ind DII completion <b>Description:</b> <b>Applicable Standards:</b>	Ind DII completion ISDB
<b>14608 (Hex: 0x3910)</b>	DSM-CC error <b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b> PS182 PS183 PS184 PS185 PS186 PS187	DSM-CC error 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

	PS188	DII default timeout period
	PS189	Allow DII tcDownloadScenario (if present) to override max download completion time
<b>14672 (Hex: 0x3950)</b>	PAT max section RI	
	<b>Description:</b>	PAT maximum section repetition interval
	<b>Applicable Standards:</b>	MPEG, DVB, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS10	PAT/PMT obsolescence count
	PS8	PAT section max repetition interval
<b>14673 (Hex: 0x3951)</b>	NIT Actual Timer	
	<b>Description:</b>	NIT Actual Timer
	<b>Applicable Standards:</b>	DVB, ISDB, Chinese
	<b>Associated Parameter(s)</b>	
	PS15	NIT actual network maximum repetition interval
<b>14674 (Hex: 0x3952)</b>	SDT Actual Timer	
	<b>Description:</b>	SDT Actual Timer
	<b>Applicable Standards:</b>	DVB, ISDB, Chinese
	<b>Associated Parameter(s)</b>	
	PS21	SDT actual maximum repetition interval
<b>14675 (Hex: 0x3953)</b>	EIT Actual P Timer	
	<b>Description:</b>	EIT Actual P Timer
	<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>	
	PS27	EIT actual PF maximum repetition interval
<b>14676 (Hex: 0x3954)</b>	EIT Actual F Timer	
	<b>Description:</b>	EIT Actual F Timer
	<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>	
	PS27	EIT actual PF maximum repetition interval

<b>14677 (Hex: 0x3955)</b>	NIT Actual Min Any Section Reptn Int	<b>Description:</b>	NIT actual_network minimum any section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS14		NIT actual network min section repetition interval
<b>14678 (Hex: 0x3956)</b>	SDT Actual Min Any Section Reptn Int	<b>Description:</b>	SDT actual_transport_stream any section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS20		SDT actual minimum section repetition interval
<b>14679 (Hex: 0x3957)</b>	EIT Actual PF Min Any Section Reptn Int	<b>Description:</b>	DVB EIT actual transport stream present/following minimum any section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS26		EIT actual PF minimum section repetition interval
<b>14680 (Hex: 0x3958)</b>	TDT Min Any Sect Reptn Int	<b>Description:</b>	TDT minimum any section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS39		TDT min section repetition interval
<b>14681 (Hex: 0x3959)</b>	RST Min Any Sect Reptn Int	<b>Description:</b>	RST minimum any section repetition interval
		<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>		
	PS38		RST min section repetition interval

<b>14682 (Hex: 0x395A)</b>	TDT max section RI	
	<b>Description:</b>	TDT maximum section repetition interval
	<b>Applicable Standards:</b>	DVB, Chinese
	<b>Associated Parameter(s)</b>	
	PS40	TDT max repetition interval
<b>14683 (Hex: 0x395B)</b>	CAT Timer	
	<b>Description:</b>	CAT Timer
	<b>Applicable Standards:</b>	DVB
	<b>Associated Parameter(s)</b>	
	PS105	CAT maximum subtable repetition interval
<b>20992 (Hex: 0x5200)</b>	Service Log Overflow	
	<b>Description:</b>	Service log information not collected fast enough, resolution reduced
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>20993 (Hex: 0x5201)</b>	Processing Strained	
	<b>Description:</b>	Occurs when the monitoring system has to discard some information in order to keep up with events on the Transport Stream; however, monitoring continues.
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>20994 (Hex: 0x5202)</b>	Processing Overwhelmed	
	<b>Description:</b>	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.
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>20995 (Hex: 0x5203)</b>	Service Information Strained	
	<b>Description:</b>	In the MTM400A, 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.
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>20996 (Hex: 0x5204)</b>	EVID_TRAPS_THROTTLED	<b>Description:</b>	Requested Traps exceed throttle limit
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24576 (Hex: 0x6000)</b>	Template Header Error	<b>Description:</b>	Error in header block of template
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24592 (Hex: 0x6010)</b>	Template TS Err	<b>Description:</b>	Template Error in Transport Stream
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24608 (Hex: 0x6020)</b>	Template NetID Err	<b>Description:</b>	Template Error in Network ID
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24624 (Hex: 0x6030)</b>	Template Orig NetID Err	<b>Description:</b>	Template Error in Original Network ID
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24640 (Hex: 0x6040)</b>	Template Service Number Err	<b>Description:</b>	Template Error in Program Number
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24832 (Hex: 0x6100)</b>	Template Service Error	<b>Description:</b>	Error in any service header block of template
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24848 (Hex: 0x6110)</b>	Template Service PCR Err	<b>Description:</b>	Template Error with Service PCR Pid
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24864 (Hex: 0x6120)</b>	Template Service Type Err	<b>Description:</b>	Template Error with Service Type
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>24880 (Hex: 0x6130)</b>	Template Service Name Err	<b>Description:</b>	Template Error with Service Name
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24896 (Hex: 0x6140)</b>	Template Service Constraint Err	<b>Description:</b>	Template Error with Service Constraint
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>24912 (Hex: 0x6150)</b>	Template Service Pid Number Err	<b>Description:</b>	Template Error with Service PID Number
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>25088 (Hex: 0x6200)</b>	Template PID Error	<b>Description:</b>	Error in any pid block of template
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>25104 (Hex: 0x6210)</b>	Template Pid CA Err	<b>Description:</b>	Template Error with PID CA Descriptor
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>25120 (Hex: 0x6220)</b>	Template PID Scramble Err	<b>Description:</b>	Template Error with PID Scrambled
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>25136 (Hex: 0x6230)</b>	Template PID Stream Type Err	<b>Description:</b>	Template Error with PID Stream Type
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>25152 (Hex: 0x6240)</b>	Template PID Constraint Err	<b>Description:</b>	Template Error with PID constraint
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>25344 (Hex: 0x6300)</b>	Template Rating Error	<b>Description:</b>	Error in any rating block of template
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>25345 (Hex: 0x6301)</b>	EVID_INDIVIDUAL_TEMPLATE_RATING_ERR	<b>Description:</b> <b>Applicable Standards:</b>	Template DVB/ATSC Ratings error MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>28671 (Hex: 0x6FFF)</b>	Template Master Error	<b>Description:</b> <b>Applicable Standards:</b>	Any Template Error MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>36867 (Hex: 0x9003)</b>	IP Errored Rate	<b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b>	IP Errored MPEG, DVB, ATSC, ISDB, Chinese, DCII Corrupted packets per second limit
<b>36869 (Hex: 0x9005)</b>	RTP Out Of Order Rate	<b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b>	RTP Out of Order MPEG, DVB, ATSC, ISDB, Chinese, DCII Out of order packets per second limit
<b>36870 (Hex: 0x9006)</b>	RTP Lost Rate	<b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b>	RTP Lost MPEG, DVB, ATSC, ISDB, Chinese, DCII Dropped packets per second limit
<b>36871 (Hex: 0x9007)</b>	IP packet interarrival time	<b>Description:</b> <b>Applicable Standards:</b> <b>Associated Parameter(s)</b>	IP PIT Limit MPEG, DVB, ATSC, ISDB, Chinese, DCII Packet interval timing limit
<b>36872 (Hex: 0x9008)</b>	IP Session Dropped	<b>Description:</b> <b>Applicable Standards:</b>	IP Session Dropped MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>37121 (Hex: 0x9101)</b>	MPEG Continuity Count Error	<b>Description:</b>	TS Continuity
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>37122 (Hex: 0x9102)</b>	MPEG Sync Byte Error	<b>Description:</b>	TS Sync Byte
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>37123 (Hex: 0x9103)</b>	MPEG Sync Loss Error	<b>Description:</b>	TS Sync Loss
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>37125 (Hex: 0x9105)</b>	Other IP Session Events	<b>Description:</b>	Other IP Session Events
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>45072 (Hex: 0xB010)</b>	EVID_SCHEDULER	<b>Description:</b>	Schedule/Holdoff manager (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>45312 (Hex: 0xB100)</b>	EVID_RECORDING_COMPLETE	<b>Description:</b>	A stream recording has been completed (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49153 (Hex: 0xC001)</b>	Program Information	<b>Description:</b>	Program Information PAT/PMT version change (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49154 (Hex: 0xC002)</b>	RF_MER_W	<b>Description:</b>	RF MER limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS222		MER abs warning limit



<b>49155 (Hex: 0xC003)</b>	RF_MER_DRIFT_W	<b>Description:</b>	RF MER drift limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS223		MER drift warning limit
<b>49156 (Hex: 0xC004)</b>	RF_EVM_W	<b>Description:</b>	RF EVM limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS224		EVM warning limit
<b>49157 (Hex: 0xC005)</b>	RF_EVM_DRIFT_W	<b>Description:</b>	RF EVM drift limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS225		EVM drift warning limit
<b>49158 (Hex: 0xC006)</b>	RF_BER_PRE_RS_W	<b>Description:</b>	RF pre RS BER limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS226		BER PRE RS warning limit
<b>49159 (Hex: 0xC007)</b>	RF_BER_PRE_RS_DRIFT_W	<b>Description:</b>	RF pre RS BER drift limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS227		BER PRE RS drift warning
<b>49160 (Hex: 0xC008)</b>	RF_BER_PRE_VITERBI_W	<b>Description:</b>	RF pre Viterbi BER limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS228		BER PRE viterbi warning limit

<b>49161 (Hex: 0xC009)</b>	RF_BER_PRE_VITERBI_DRIFT_W	
	<b>Description:</b>	RF pre Viterbi BER drift limit warning (information only)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS229	BER PRE viterbi drift warning limit
<b>49162 (Hex: 0xC00A)</b>	RF_BER_POST_RS_W	
	<b>Description:</b>	RF post RS BER limit warning (information only)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS230	BER POST RS warning limit
<b>49163 (Hex: 0xC00B)</b>	RF_BER_POST_RS_DRIFT_W	
	<b>Description:</b>	RF post RS BER drift limit warning (information only)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS231	BER POST RS drift warning limit
<b>49164 (Hex: 0xC00C)</b>	RF_TEF_W	
	<b>Description:</b>	RF TEF rate limit warning (information only)
	<b>Applicable Standards:</b>	ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS232	TEF rate warning limit
<b>49165 (Hex: 0xC00D)</b>	RF_TEF_DRIFT_W	
	<b>Description:</b>	RF TEF rate drift limit warning (information only)
	<b>Applicable Standards:</b>	ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS233	TEF rate drift warning limit
<b>49166 (Hex: 0xC00E)</b>	RF_POWER_HIGH_W	
	<b>Description:</b>	RF High Power limit warning (information only)
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS234	Power high warning limit

<b>49167 (Hex: 0xC00F)</b>	RF_POWER_LOW_W	<b>Description:</b>	RF Low Power limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS235		Power low warning limit
<b>49168 (Hex: 0xC010)</b>	RF_POWER_DRIFT_W	<b>Description:</b>	RF Power drift limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS236		power drift warning limit
<b>49169 (Hex: 0xC011)</b>	RF_SNR_W	<b>Description:</b>	RF SNR limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS237		SNR warning limit
<b>49170 (Hex: 0xC012)</b>	RF_SNR_DRIFT_W	<b>Description:</b>	RF SNR drift limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS238		SNR drift warning limit
<b>49171 (Hex: 0xC013)</b>	RF_CNR_W	<b>Description:</b>	RF CNR limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS239		CNR warning limit
<b>49172 (Hex: 0xC014)</b>	RF_CNR_DRIFT_W	<b>Description:</b>	RF CNR drift limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
		<b>Associated Parameter(s)</b>	
	PS240		CNR drift warning limit

<b>49173 (Hex: 0xC015)</b>	RF_CARRIER_OFFSET_W	<b>Description:</b>	RF Carrier offset limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS241		Carrier offset warning limit
<b>49174 (Hex: 0xC016)</b>	RF_CARRIER_OFFSET_DRIFT_W	<b>Description:</b>	RF Carrier offset drift limit warning (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS242		Carrier offset drift warning limit
<b>49175 (Hex: 0xC017)</b>	RF Metric Warnings	<b>Description:</b>	RF Metric Warnings
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49176 (Hex: 0xC018)</b>	DPI/SIT Cancel	<b>Description:</b>	DPI Cancel has been recieved (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49177 (Hex: 0xC019)</b>	DPI/SIT Splice	<b>Description:</b>	DPI Splice has been recieved (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49178 (Hex: 0xC01A)</b>	DPI/SIT Program Splice	<b>Description:</b>	DPI Prg Splice has been recieved (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49179 (Hex: 0xC01B)</b>	DPI/SIT Component Splice	<b>Description:</b>	DPI Cmp Splice has been recieved (information only)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49180 (Hex: 0xC01C)</b>	Any DPI/SIT Information	<b>Description:</b>	Any DPI/SIT Information
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>49181 (Hex: 0xC01D)</b>	DPI/SIT Any information events	
	<b>Description:</b>	DPI information heading for DPI messages not set/sent
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49182 (Hex: 0xC01E)</b>	RF Metric Warnings	
	<b>Description:</b>	RF Metric Warnings
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	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
<b>49183 (Hex: 0xC01F)</b>	ISDBT IIP Partial Reception Flag Set	
	<b>Description:</b>	ISDBT IIP Partial Reception Flag Set
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>49184 (Hex: 0xC020)</b>	RF errored packet limit warning	<b>Description:</b>	RF errored packet limit warning
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS267		Corrupted packets per second limit warning limit
<b>49186 (Hex: 0xC022)</b>	RF dropped packet limit warning	<b>Description:</b>	RF dropped packet limit warning
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS271		Dropped packets per second limit warning limit
<b>49188 (Hex: 0xC024)</b>	RF Packet interval time limit warning	<b>Description:</b>	RF Packet interval time limit warning
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS275		Packet interval timing warning limit
<b>49190 (Hex: 0xC026)</b>	RF Out of order packet limit warning	<b>Description:</b>	RF Out of order packet limit warning
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS279		Out of order packets per second warning limit
<b>49194 (Hex: 0xC02A)</b>	Polling Channel Change	<b>Description:</b>	Polling Channel Change
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49195 (Hex: 0xC02B)</b>	Polling Stopped	<b>Description:</b>	Polling Stopped
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49196 (Hex: 0xC02C)</b>	Polling Channel Change Soon	<b>Description:</b>	Channel Polling Event Due
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII

<b>49197 (Hex: 0xC02D)</b>	Polling Channel Change Completed	<b>Description:</b>	Channel Polling Event Complete
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49198 (Hex: 0xC02E)</b>	Channel Polling Events	<b>Description:</b>	Channel Polling Events
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>49200 (Hex: 0xC030)</b>	Miscellaneous Events	<b>Description:</b>	Miscellaneous Events
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
<b>53249 (Hex: 0xD001)</b>	MER	<b>Description:</b>	MER
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS201		MER absolute limit
	PS202		MER drift limit
<b>53250 (Hex: 0xD002)</b>	EVM	<b>Description:</b>	EVM
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS203		EVM absolute limit
	PS204		EVM drift limit
<b>53251 (Hex: 0xD003)</b>	BER (Pre Reed Solomon)	<b>Description:</b>	BER (Pre Reed Solomon)
		<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>		
	PS205		BER Pre RS abs
	PS206		BER pre RS drift

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



<b>53258 (Hex: 0xD00A)</b>	Carrier Offset	
	<b>Description:</b>	Carrier Offset
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS220	Carrier offset limit
	PS221	Carrier offset drift limit
<b>53505 (Hex: 0xD101)</b>	MER Warning	
	<b>Description:</b>	MER Warning
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS222	MER abs warning limit
	PS223	MER drift warning limit
<b>53506 (Hex: 0xD102)</b>	EVM Warning	
	<b>Description:</b>	EVM
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS224	EVM warning limit
	PS225	EVM drift warning limit
<b>53507 (Hex: 0xD103)</b>	BER (Pre Reed Solomon) Warning	
	<b>Description:</b>	BER (Pre Reed Solomon) Warning
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS226	BER PRE RS warning limit
	PS227	BER PRE RS drift warning
<b>53508 (Hex: 0xD104)</b>	BER (Pre-Viterbi) Warning	
	<b>Description:</b>	BER (Pre-Viterbi) Warning
	<b>Applicable Standards:</b>	MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS228	BER PRE viterbi warning limit
	PS229	BER PRE viterbi drift warning limit

<b>53509 (Hex: 0xD105)</b>	BER (Post Reed Solomon) Warning	<b>Description:</b> BER (Post Reed Solomon) Warning
		<b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS230	BER POST RS warning limit
	PS231	BER POST RS drift warning limit
<b>53511 (Hex: 0xD107)</b>	Power Warning	<b>Description:</b> Power Warning
		<b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS234	Power high warning limit
	PS235	Power low warning limit
	PS236	power drift warning limit
<b>53512 (Hex: 0xD108)</b>	SNR Warning	<b>Description:</b> SNR Warning
		<b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS237	SNR warning limit
	PS238	SNR drift warning limit
<b>53513 (Hex: 0xD109)</b>	CNR Warning	<b>Description:</b> CNR Warning
		<b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS239	CNR warning limit
	PS240	CNR drift warning limit
<b>53514 (Hex: 0xD10A)</b>	Carrier Offset Warning	<b>Description:</b> Carrier Offset Warning
		<b>Applicable Standards:</b> MPEG, DVB, ATSC, ISDB, Chinese, DCII
	<b>Associated Parameter(s)</b>	
	PS241	Carrier offset warning limit
	PS242	Carrier offset 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	28672	0x7000
1.5a PMT	12313	0x3019
1.6 PID	12311	0x3017
1.6 PID	12310	0x3016
2.1 Transport	12321	0x3021
2.2 CRC	12322	0x3022
2.3a PCR Repetition	12624	0x3150
2.3a PCR Repetition	12567	0x3117
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	14120	0x3728
2.5 PTS	12325	0x3025
2.6 CAT	12326	0x3026
3.1 NIT (Table ID)	12553	0x3109

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
3.1a NIT Actual	12608	0x3140
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
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.)**

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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 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
Channel Polling Events	49198	0xC02E
CNR	53257	0xD009
CNR Warning	53513	0xD109
Corrupt Packet	53259	0xD00B
DCCSCT Syntax	13585	0x3511
DCCT Syntax	13584	0x3510
DII download completion	14606	0x390E
DII max RI	14604	0x390C

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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
DPI/SIT Component Splice	49179	0xC01B
DPI/SIT Eryption failure	14373	0x3825
DPI/SIT Max repetition rate error	14377	0x3829
DPI/SIT Missing	14374	0x3826
Ind DPI/SIT Missing	14375	0x3827
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
EIT	12342	0x3036
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.)**

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
EIT Actual Sched Max Subtable Reptn Int	14104	0x3718
EIT Actual Sched Min Sect Reptn Int	14103	0x3717
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 Syntax	13574	0x3506
EIT-0,1,2,3 Max Sect Reptn Int	14119	0x3727
EIT-0,1,2,3 Missing	14169	0x3759
EIT-k Syntax	13581	0x350D
ETT Syntax	13583	0x350F
EventID_0x3902	14594	0x3902
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

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

Test Name	Event Identity (Decimal)	Event Identity (Hexadecimal)
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
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



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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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
EVID_INDIVIDUAL_LSDTT_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

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

Test Name	Event Identity (Decimal)	Event Identity (Hexadecimal)
EVID_INDIVIDUAL_SDT_OTHER_MIN_SECTION_RI	14128	0x3730
EVID_INDIVIDUAL_SDTT_MAX_SUBTABLE_RI	14146	0x3742
EVID_INDIVIDUAL_SDTT_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
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

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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
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

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

Test Name	Event Identity (Decimal)	Event Identity (Hexadecimal)
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
Fan Monitor	4164	0x1044
Fan State	4097	0x1001
Front Panel	4628	0x1214
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

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
Ind DII completion	14607	0x390F
Ind DII max repetition error	14605	0x390D
Ind DII min repetition error	14601	0x3909
IP Errored Rate	36867	0x9003
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
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

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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 Missing	14165	0x3755
MGT Syntax	13578	0x350A
MGT/EIT-k presence	12848	0x3230
Miscellaneous	14329	0x37F9
Miscellaneous Events	49200	0xC030
MPEG Continuity Count Error	37121	0x9101
MPEG Sync Byte Error	37122	0x9102
MPEG Sync Loss Error	37123	0x9103
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

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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
Out of Order Packet	53262	0xD00E
PAT max section RI	14672	0x3950
PAT Missing	14160	0x3750
PAT Syntax	13568	0x3500
PAT/PMT Consistency	13104	0x3330
PAT/SDT Consistency	13105	0x3331
PAT/VCT consistency	13106	0x3332
PCR	12323	0x3023
PCR Drift Rate (PCR_DR)	12354	0x3042
PCR Drift Rate (PCR_DR)	12357	0x3045
PCR Frequency Offset (PCR_FO)	12353	0x3041
PCR Frequency Offset (PCR_FO)	12356	0x3044
PCR Overall Jitter (PCR_OJ)	12352	0x3040
PCR Overall Jitter (PCR_OJ)	12355	0x3043
PID Bit Rate Variability	8208	0x2010
PID Bit Rate Variability	8209	0x2011
PID Group Occupancy	8197	0x2005
PID Occupancy	8193	0x2001
PID Occupancy	8196	0x2004
PIM Message Missing	14384	0x3830
PIM Syntax	13587	0x3513
PIT Time	53261	0xD00D
PMT Syntax	13569	0x3501
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

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
Polling Stopped	49195	0xC02B
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	14244	0x37A4
Program Information	49153	0xC001
Program Occupancy	8194	0x2002
PTS/DTS Syntax Error	12372	0x3054
Real Time Clock	4614	0x1206
Remote Temperature	4145	0x1031
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	49182	0xC01E
RF Metric Warnings	49175	0xC017
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 limit error	14420	0x3854
RF Packet interval time limit warning	49188	0xC024
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



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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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 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
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

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

Test Name	Event Identity (Decimal)	Event Identity (Hexadecimal)
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
SFN (Invalid MIP)	13315	0x3403
SFN (No MIP)	13313	0x3401
SFN (Timer)	13316	0x3404
SFN CRC	13331	0x3413
SFN Error	13312	0x3400
SFN MIP Coding	13332	0x3414
SFN MIP Length	13330	0x3412
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

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
SNR	53256	0xD008
SNR Warning	53512	0xD108
STM Message Missing	14389	0x3835
STM Syntax	13592	0x3518
Stream Mmode	20480	0x5000
STT Missing	14168	0x3758
STT Syntax	13582	0x350E
System Card	4630	0x1216
System Card Temperature	4146	0x1032
Table Id Error	14331	0x37FB
Table Tests	14326	0x37F6
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
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

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

<b>Test Name</b>	<b>Event Identity (Decimal)</b>	<b>Event Identity (Hexadecimal)</b>
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
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 Stream Occupancy	13824	0x3600
TS Availability	12371	0x3053
VCM Message Missing	14388	0x3834
VCM Syntax	13591	0x3517
VCT Max Sect Reptn Int	14156	0x374C
VCT Missing	14166	0x3756
VCT Syntax	13580	0x350C

# Parameter Reference

The following pages list all of the parameters that can be used in the MTM400 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>, <LoopBWide>, <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	<p>AFC Range. Two carrier recovery ranges are available. When AFCWide is disabled (Normal mode) the range is approximately <math>\pm 150</math> kHz. When AFCWide is enabled (Wide mode) the range is increased to <math>\pm 500</math> kHz. The disabled setting is the default setting and is recommended for most applications.</p>
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	Type: Numeral Values: 0 = Disable 1 = Enable

**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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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 $\geq$ 0
PS118	EIT basic schedule (TV) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		13	255	0	Integer $\geq$ 0
PS119	EIT basic schedule (TV) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS120	EIT basic schedule (Sound) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units



**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
		0	255	0	Integer $\geq$ 0
PS121	EIT basic schedule (Sound) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS122	EIT basic schedule (Sound) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS123	EIT basic schedule (Data) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS124	EIT basic schedule (Data) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS125	EIT basic schedule (Data) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS126	EIT extended schedule (TV) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		3	255	0	Integer $\geq$ 0
PS127	EIT extended schedule (TV) number of segments in cycle group 2				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
	ISDB_T	0	255	0	Integer $\geq$ 0
PS128	EIT extended schedule (TV) number of segments in cycle group 3				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS129	EIT extended schedule (Sound) number of segments in cycle group 1				
		Nominal	Maximum	Minimum	Units
		0	255	0	Integer $\geq$ 0
PS13	CAT present timer				
		Nominal	Maximum	Minimum	Units
		2000	30000	100	ms

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
PS130	EIT extended schedule (Sound) number of segments in cycle group 2				
	Nominal	Maximum	Minimum	Units	
	0	255	0	Integer $\geq$ 0	
PS131	EIT extended schedule (Sound) number of segments in cycle group 3				
	Nominal	Maximum	Minimum	Units	
	0	255	0	Integer $\geq$ 0	
PS132	EIT extended schedule (Data) number of segments in cycle group 1				
	Nominal	Maximum	Minimum	Units	
	0	255	0	Integer $\geq$ 0	
PS133	EIT extended schedule (Data) number of segments in cycle group 2				
	Nominal	Maximum	Minimum	Units	
	0	255	0	Integer $\geq$ 0	
PS134	EIT extended schedule (Data) number of segments in cycle group 3				
	Nominal	Maximum	Minimum	Units	
	0	255	0	Integer $\geq$ 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	
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	

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
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 interval				
		Nominal	Maximum	Minimum	Units
		120000	468000	1000	ms

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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 $\geq$ 0
PS161	EIT basic schedule (Sound) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer $\geq$ 0
PS162	EIT basic schedule (Data) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer $\geq$ 0
	ISDB_T	8	32	0	Integer $\geq$ 0
PS163	EIT extended schedule (TV) range				
		Nominal	Maximum	Minimum	Units
		8	32	0	Integer $\geq$ 0
PS164	EIT extended schedule (Sound) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer $\geq$ 0

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
PS165	EIT extended schedule (Data) range				
		Nominal	Maximum	Minimum	Units
		1	32	0	Integer $\geq$ 0
	ISDB_T	8	32	0	Integer $\geq$ 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
PS168	EIT 2/3 max repetition interval				
		Nominal	Maximum	Minimum	Units
		60000	120000	100	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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
PS180	PCR nominal bitrate (0 for use average)				
		Nominal	Maximum	Minimum	Units
		0	214000000	0	Integer $\geq$ 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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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	bool
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 $\geq$ 0



**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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 absolute 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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
		0	10	-40	dBm
PS214	Power low limit				
		Nominal	Maximum	Minimum	Units
		-120	0	-120	dBm
PS215	Power drift limit				
		Nominal	Maximum	Minimum	Units
		100000	100000	0	mdBm/hr
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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	%
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
PS234	Power high warning limit				
		Nominal	Maximum	Minimum	Units
		0	10	-40	dBm
PS235	Power low warning limit				
		Nominal	Maximum	Minimum	Units
		-120	0	-120	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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
PS256	Partial Reception PMT PID #1				
		Nominal	Maximum	Minimum	Units
		8137	8191	0	Integer $\geq$ 0
PS257	Partial Reception PMT PID #2				
		Nominal	Maximum	Minimum	Units
		8138	8191	0	Integer $\geq$ 0
PS258	Partial Reception PMT PID #3				
		Nominal	Maximum	Minimum	Units
		8139	8191	0	Integer $\geq$ 0
PS259	Partial Reception PMT PID #4				
		Nominal	Maximum	Minimum	Units
		8140	8191	0	Integer $\geq$ 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 $\geq$ 0
PS261	Partial Reception PMT PID #6				
		Nominal	Maximum	Minimum	Units
		8142	8191	0	Integer $\geq$ 0
PS262	Partial Reception PMT PID #7				
		Nominal	Maximum	Minimum	Units
		8143	8191	0	Integer $\geq$ 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 $\geq$ 0

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
PS265	Corrupted packets per second limit				
		Nominal	Maximum	Minimum	Units
		100	10000	0	Pkts/m
PS267	Corrupted packets per second limit warning limit				
		Nominal	Maximum	Minimum	Units
		200	10000	0	Pkts/m
PS269	Dropped packets per second limit				
		Nominal	Maximum	Minimum	Units
		100	10000	0	Pkts/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	Pkts/m
PS273	Packet interval timing limit				
		Nominal	Maximum	Minimum	Units
		10000000	100000000	0	ns
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	Pkts/m
PS279	Out of order packets per second warning limit				
		Nominal	Maximum	Minimum	Units
		2000	100000	0	Pkts/m
PS28	EIT actual PF obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	Integer > 0



**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
PS284	Process DSMCC				
		Nominal	Maximum	Minimum	Units
		1	1	0	bool
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
PS30	EIT other PF maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	100000	1000	ms
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	Pkts/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	Pkts/s

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
PS308	Maximum number of programs for Program Bitrate Logging				
		Nominal	Maximum	Minimum	Units
		25	50	0	Integer $\geq 0$
PS31	EIT other PF obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	Integer $> 0$
PS32	EIT actual schedule minimum section repetition interval				
		Nominal	Maximum	Minimum	Units
		25	100	0	ms
	ISDB_T	0	100	0	ms
PS33	EIT actual schedule maximum repetition interval				
		Nominal	Maximum	Minimum	Units
		10000	120000	2000	ms
	ISDB_T	120000	120000	2000	ms
PS34	EIT actual schedule obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	5	Integer $> 0$
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
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
PS47	MGT max section repetition interval				
		Nominal	Maximum	Minimum	Units
		150	2000	50	ms

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
PS5	PID bit rate bin count for variability				
		Nominal	Maximum	Minimum	Units
		3	10	1	Integer > 0
PS50	EIT 0 max repetition interval				
		Nominal	Maximum	Minimum	Units
		500	20000	50	ms
PS51	EIT obsolescence count				
		Nominal	Maximum	Minimum	Units
		25	100	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	5000	200	ms

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
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
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

**Table 1-2: Stream Parameters (Cont.)**

Parameter Identity	Description				
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
PS86	SDTT min section repetition interval				
		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
	ISDB_T	130	25000	40	ms
PS91	VCT max section repetition interval				
		Nominal	Maximum	Minimum	Units
		400	3000	50	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

**<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
PP11	Max PCR overall jitter				
		Nominal	Maximum	Minimum	Units
		25000	200000000	250	ns
PP12	Maximum PCR frequency offset				
		Nominal	Maximum	Minimum	Units
		810	30000	50	Hz
PP13	Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		75	10000	10	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	80000	1000	ms
PP17	Partial Reception PCR max repetition interval				
		Nominal	Maximum	Minimum	Units
		260	5000	0	ms

**Table 1-3: PID Parameters (Cont.)**

Parameter Identity	Description				
PP18	Partial Reception Max PCR discontinuity				
		Nominal	Maximum	Minimum	Units
		260	5000	0	ms
PP2	PCR max repetition interval				
		Nominal	Maximum	Minimum	Units
		40	5000	0	ms
	ATSC MPEG	100	5000	0	ms
	ISDB_T	100	5000	0	ms
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
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



Table 1-3: PID Parameters (Cont.)

Parameter Identity	Description				
PP33	PSK Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		75	25000	10	mHz/s
PP4	Max PCR accuracy error				
		Nominal	Maximum	Minimum	Units
		500	50000	100	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
	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
		25000	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 rateasdfg				
		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
		500	50000	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	30000	50	Hz
PP63	IP Maximum PCR frequency drift rate				
		Nominal	Maximum	Minimum	Units
		75	25000	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

### <PG1></PG1>

Description	List of PIDs in the group
Path	<MTM400Configuration> → <Streams> → <Stream> → <PIDGroups> → <PIDGroup> → <PG1>
Data Value	Type: Space separated integers Example: 1 16 345 789 1010 1344 2040 8190

### <PG2></PG2>

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

### <PG3></PG3>

Description	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>

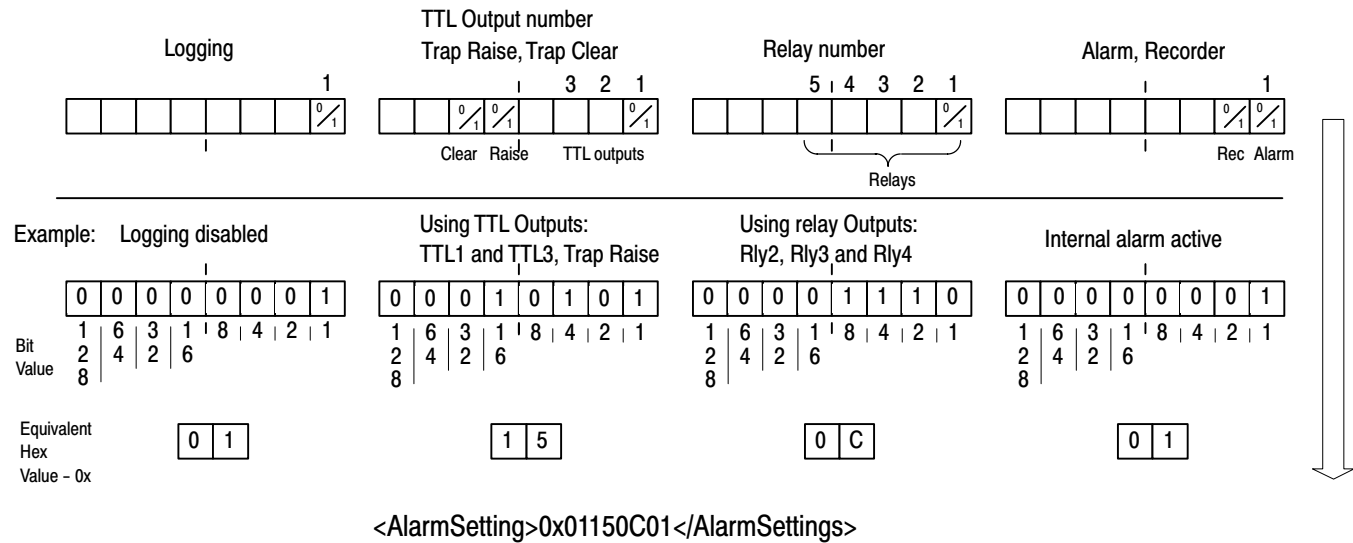


Figure 1-1: Alarm settings

## 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 MTM400A, traps are used to report alerts or other asynchronous events generated by the core program. The MTM400A 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 1-4, page 1-189
- DVB- Table 1-5, page 1-194
- ATSC - Table 1-6, page 1-201
- ISDB-S- Table 1-7, page 1-206
- ISDB-T - Table 1-8, page 1-212
- ISDB (Partial Reception) - Table 1-9, page 1-219
- DCII - Table 1-10, page 1-226
- China - Table 1-11, page 1-231
- IP - Table 1-12, page 1-237

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**NOTE.** a '-' indicates that information is currently unavailable.

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**Table 1-4: Event SNMP Traps - MPEG**

Event Identity – Decimal	Event Identity – Hex	Test	Event	PID	TSID	Network Identity	Service Type	Service Identity	Thres-hold 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

**Table 1-4: Event SNMP Traps - MPEG (Cont.)**

Event Identity – Decimal	Event Identity – Hex	Test	Event	PID	TSID	Network Identity	Service Type	Service Identity	Thres-hold Identity	Actual	Duration	Stream
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
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	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

Table 1-4: Event SNMP Traps - MPEG (Cont.)

Event Identity – Decimal	Event Identity – Hex	Test	Event	PID	TSID	Network Identity	Service Type	Service Identity	Thres-hold Identity	Actual	Duration	Stream
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
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

**Table 1-4: Event SNMP Traps - MPEG (Cont.)**

Event Identity – Decimal	Event Identity – Hex	Test	Event	PID	TSID	Network Identity	Service Type	Service Identity	Thres-hold Identity	Actual	Duration	Stream
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	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
14420	0x3854	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
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

Table 1-4: Event SNMP Traps - MPEG (Cont.)

Event Identity – Decimal	Event Identity – Hex	Test	Event	PID	TSID	Network Identity	Service Type	Service Identity	Thres-hold Identity	Actual	Duration	Stream
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	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
49188	0xC024	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

**Table 1-5: Event SNMP Traps - DVB**

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	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

**Table 1-5: 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
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
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
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

**Table 1-5: 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
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
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



Table 1-5: 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
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
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

**Table 1-5: 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
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
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

Table 1-5: 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
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
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

**Table 1-5: 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
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
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 1-6: Event SNMP Traps - ATSC

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
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
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

**Table 1-6: 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
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
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

Table 1-6: 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
14120	0x3728	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
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
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
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

**Table 1-6: 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
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
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



Table 1-6: 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
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	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 1-7: 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
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

Table 1-7: 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
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
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

**Table 1-7: 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
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
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

Table 1-7: 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
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
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

**Table 1-7: 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
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
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

Table 1-7: 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
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
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 1-8: Event SNMP Traps - ISDB-T**

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	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



Table 1-8: 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
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
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

**Table 1-8: 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
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
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

Table 1-8: 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
14158	0x374E	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
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

**Table 1-8: 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
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
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

**Table 1-8: 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
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
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

**Table 1-8: 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
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 1-8: 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
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 1-9: 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

**Table 1-9: 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
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
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



Table 1-9: 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
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
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

**Table 1-9: 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
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
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

Table 1-9: 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
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
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

**Table 1-9: 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
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
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

Table 1-9: 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
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 1-9: 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
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 1-10: 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
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

Table 1-10: 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
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
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
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

**Table 1-10: 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
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
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



**Table 1-10: 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
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
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
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

**Table 1-10: 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
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
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 1-11: 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
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

**Table 1-11: 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
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
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
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

Table 1-11: 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
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
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

**Table 1-11: 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
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	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

Table 1-11: 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
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
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

**Table 1-11: 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
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
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



Table 1-11: 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
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
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 - 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





# **Configuration File Structure**



# Configuration File Structure

This appendix provides an overview of the MTM400A 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 MTM400A 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 MTM400A 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 MTM400A, 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>&lt;Programs Update="Absolute"&gt;  &lt;Program Number="1"&gt;  &lt;PV1&gt;300000&lt;/PV1&gt;  &lt;PV2&gt;2000000&lt;/PV2&gt;  &lt;PV3&gt;0&lt;/PV3&gt;  &lt;/Program&gt;  &lt;Program Number="3"&gt;  &lt;PV1&gt;400000&lt;/PV1&gt;  &lt;PV2&gt;100000000&lt;/PV2&gt;  &lt;PV3&gt;1&lt;/PV3&gt;  &lt;/Program&gt;  &lt;/Programs&gt;</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>&lt;Programs Update="Incremental"&gt;  &lt;Program Number="1"&gt;  &lt;PV1&gt;300000&lt;/PV1&gt;  &lt;PV2&gt;2000000&lt;/PV2&gt;  &lt;PV3&gt;0&lt;/PV3&gt;  &lt;/Program&gt;  &lt;Program Number="3"&gt;  &lt;PV1&gt;400000&lt;/PV1&gt;  &lt;PV2&gt;100000000&lt;/PV2&gt;  &lt;PV3&gt;1&lt;/PV3&gt;  &lt;/Program&gt;  &lt;/Programs&gt;</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 MTM400A; 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>&lt;!-- Program Default Parameters --&gt; 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>&lt;Programs Update="Absolute"&gt;   &lt;Program Number="1234"&gt;     PV1 = 400 kbit/s     PV2 = 100 Mbit/s     PV3 = PMT test enabled   &lt;/Program&gt; &lt;/Programs&gt;</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>
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<!-- Stream Miscellaneous Parameters -->
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<PS60>0</PS60>

<!-- Stream Integer Parameters -->
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<PS6>10</PS6>

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

<!-- Program Integer Default Parameters -->
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<PV3>1</PV3>

<!-- Pid Group Integer Default Parameters -->
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<!-- Pid Integer Default Parameters -->
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<!-- Pid Interval Default Parameters -->
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<PP5>700</PP5>
<PP15>2000</PP15>
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<!-- Stream Float Parameters -->
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        <PP7>240038</PP7>
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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

**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