

Driver history for the R&S® SFU Broadcast Test System Driver Documentation

Products:

| R&S® SFU Broadcast Test System

Driver History Notes for LabVIEW,
LabWindows/CVI and VXPlug&Play
drivers for VEE, C++, C#, Visual Basic,
Visual Basic.NET etc.

Table of Contents

1. Driver history for LabVIEW	3
2 Driver history for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc	12

1. Driver history for LabVIEW

Driver history for LabVIEW		
Revision	Date	Note
1.80.1	08/2008	<p>Driver for SFU Broadcast Test System firmware version 1.80</p> <p>- modified VIs/attributes:</p> <ul style="list-style-type: none"> - added *OPC <p>RSSFU Configure Modulation.vi, RSSFU_ATTR_MOD_DM_SPECTRUM</p> <p>RSSFU Configure Modulation.vi, RSSFU_ATTR_MOD_DM_TRANSMISSION_STANDARD</p> <p>- added rangetable:</p> <p>RSSFU Read DVBC Values.vi, RSSFU_ATTR_IQC_DVBC_PACKET_LENGTH</p> <p>RSSFU Read DVBS Values.vi, RSSFU_ATTR_IQC_DVBS_PACKET_LENGTH</p> <p>RSSFU Read DMBT Values.vi, RSSFU_ATTR_IQC_DMBT_PACKET_LENGTH</p> <p>RSSFU Read DVBT Values.vi, RSSFU_ATTR_IQC_DVBT_PACKET_LENGTH</p> <p>RSSFU Read DVBT Values.vi, RSSFU_ATTR_IQC_DVBT_PACKET_LENGTH_LOW</p> <p>RSSFU Read DTMB Values.vi, RSSFU_ATTR_IQC_DTMB_CODING_PACKED_LENGTH</p>
1.80.0	06/2008	<p>Driver for SFU Broadcast Test System firmware version 1.80</p> <p>Modifications:</p> <p>- new VIs:</p> <p>RSSFU Configure Interferer Signal.vi</p> <p>RSSFU Modulation IQ Input Refresh.vi</p> <p>RSSFU Configure DTMB Dual Pilot Tone.vi</p> <p>RSSFU Configure DVBS2 ACM Mode.vi</p> <p>RSSFU Configure DVBS2 FEC Frame.vi</p> <p>RSSFU Configure Directv Phase Noise.vi</p> <p>RSSFU Read AVSB Coder Status.vi</p> <p>RSSFU Configure AVSB Input Signal.vi</p> <p>RSSFU Configure AVSB Test Signal.vi</p> <p>RSSFU Read AVSB Packed Length.vi</p> <p>RSSFU Read AVSB Values.vi</p> <p>RSSFU Set AVSB Symbol Rate.vi</p> <p>RSSFU Read AVSB Constellation.vi</p> <p>RSSFU Read AVSB Roll Off.vi</p> <p>RSSFU Configure AVSB Coding VSB State.vi</p> <p>RSSFU Enable AVSB Special Settings.vi</p> <p>RSSFU Configure AVSB Special Settings.vi</p> <p>RSSFU Configure AVSB RF Watermark Settings.vi</p> <p>RSSFU Configure AVSB SRS Settings.vi</p>

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
		RSSFU Configure AVSB Settings.vi RSSFU Set Impairments Optimization Mode.vi RSSFU Configure Fading Max Paths.vi RSSFU Fading Coupling Settings.vi RSSFU Enable Power Meter.vi RSSFU Power Meter Configuration.vi RSSFU Configure Power Meter Frequency.vi RSSFU Relative Power State.vi RSSFU Read Absolute Output Power.vi RSSFU Power Meter M2Ref.vi RSSFU Power Meter Zero.vi RSSFU Configure Average Filter.vi RSSFU Average Auto Once.vi - modified: RSSFU Configure DVBC Coding.vi - Roll Off - changed data type RSSFU Configure Modulation.vi RSSFU Configure DTMBH Coding.vi RSSFU Configure DTMB Coding.vi RSSFU Configure DTMB Settings.vi RSSFU Configure Fading Path Profile.vi RSSFU Configure Fading Delay Settings.vi
1.70.01	03/2008	Driver for SFU Broadcast Test System firmware version 1.70 Modifications: RSSFU Configure Modulation.vi - fixed attenuation range
1.70.0	02/2008	Driver update for SFU Broadcast Test System firmware version 1.70 Modifications: - Driver converted to the attribute style. - new VIs: RSSFU Configure ISDBT System.vi RSSFU Configure ISDBT Sub Channel.vi RSSFU Read DTMB Coder Status.vi RSSFU Configure DTMB Input Signal.vi RSSFU Configure DTMB Test Signal.vi RSSFU Read DTMB Values.vi RSSFU Configure DTMB Network Mode.vi RSSFU Configure DTMB Channel Bandwidth.vi RSSFU Configure DTMBH Coding.vi RSSFU Configure DTMB Coding.vi RSSFU Read DTMB SFN Values.vi

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
		RSSFU Enable DTMB Special Settings.vi RSSFU Enable DMBH Mode DTMB Special Settings.vi RSSFU Configure DTMB Special Settings.vi RSSFU Configure DTMB Settings.vi RSSFU Configure Fading Path Profile Resulting Doppler Frequency.vi RSSFU Configure Fading Birth Death Doppler Frequency.vi RSSFU Configure Fading 2 Path Dynamic Delay Doppler Shift.vi - modified: RSSFU Configure Modulation.vi RSSFU Configure TDMB Input Signal.vi RSSFU Configure DVBS Test Signal.vi RSSFU Configure DMBT Test Signal.vi RSSFU Configure DVBS2 Test Signal.vi RSSFU Configure DVBS2 Special Settings.vi RSSFU Configure Analog TV Audio.vi RSSFU Read Player Parameters.vi - removed obsolete VIs: RSSFU Configure Noise.vi RSSFU Configure Noise Parameters.vi RSSFU Configure Pulse Noise.vi RSSFU T-DMB Settings.vi RSSFU Configure DMBT Network.vi RSSFU Read DMBTH Coder Status.vi RSSFU Configure DMBTH Input Signal.vi RSSFU Configure DMBTH Test Signal.vi RSSFU Read DMBTH Packed Length.vi RSSFU Read DMBTH Values.vi RSSFU Configure DMBTH Network.vi RSSFU Configure DMBTH Control.vi RSSFU Configure DMBTH Coding.vi RSSFU Configure DMBTH Coding Handheld.vi RSSFU Read DMBTH SFN Values.vi RSSFU Enable DMBTH Special Settings.vi RSSFU Configure DMBTH Special Settings.vi RSSFU Set DMBTH Special Single Carrier.vi RSSFU Configure DMBTH Settings.vi
1.60.2	11/2007	Modifications: Added wait for OPC when loading/storing fading profile Fixed RSSFU Configure DMBTH Coding.vi New rsidr_core

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
1.60	03/2007.	<p>Modifications:</p> <ul style="list-style-type: none"> - new VIs: RSSFU Analog TV Video Library Catalog Length.vi RSSFU Analog TV Video Library Catalog.vi RSSFU ARB Waveform File Tag.vi RSSFU Configure Analog TV Audio AF.vi RSSFU Configure Analog TV Audio Input Signal.vi RSSFU Configure Analog TV Impedance.vi RSSFU Configure Analog TV NICAM Signal.vi RSSFU Configure Analog TV Special Video and Carrier.vi RSSFU Configure Analog TV Special VSB Characteristic.vi RSSFU Configure Analog TV Video Input Signal.vi RSSFU Configure DVBS2 Pilots.vi RSSFU Configure Fading Reference Settings.vi RSSFU Configure Fading.vi RSSFU Fading Catalog.vi RSSFU Get Status Register.vi RSSFU Get User-definable Status Register.vi RSSFU Load Analog TV Video Library.vi RSSFU Noise File Operations.vi RSSFU Read External Audio Input Level.vi RSSFU Read Peak Envelope Power.vi RSSFU Set Analog TV Special AM Modulation Depth.vi RSSFU Set DMBTH Special Single Carrier.vi RSSFU Set MediaFLO Channel Bandwidth.vi RSSFU Set Status Register.vi RSSFU Set User-definable Status Register.vi RSSFU Store and Load Application.vi RSSFU Store and Load Fading Profile.vi RSSFU Store and Load Instrument Data.vi - modified VIs: RSSFU Configure Analog TV Video Vision Picture.vi RSSFU Configure Analog TV Video.vi RSSFU Configure DVBS2 Coding.vi RSSFU Configure Fading Standard Set.vi RSSFU Configure ISDBT Special Segment Settings RSSFU ARB Waveform Catalog.vi RSSFU ARB Waveform Catalog Length.vi RSSFU ARB Waveform Samples.vi RSSFU TDMB Configuration.vi - removed: RSSFU Configure DVBS2 H8PSK Settings.vi

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
1.50.0	11/2006	<p>Modifications:</p> <ul style="list-style-type: none"> - modified VIs: <ul style="list-style-type: none"> RSSFU Configure J83B Test Signal.vi RSSFU Configure Directv Input Signal.vi RSSFU Configure Modulation.vi RSSFU Configure Fading Path Profile.vi RSSFU Fading Configuration.vi RSSFU Configure Interferer ATV Predefined Standard.vi RSSFU Configure Fading Standard Set.vi RSSFU Read DMBT SFN Values.vi RSSFU Configure Fading Birth Death Path Profile.vi - added new VIs: <ul style="list-style-type: none"> RSSFU ARB Trigger Execute.vi RSSFU ARB Trigger Status.vi RSSFU ARB Waveform Catalog Length.vi RSSFU ARB Waveform Catalog.vi RSSFU ARB Waveform Samples.vi RSSFU Configure Analog TV Audio.vi RSSFU Configure Analog TV Pilot.vi RSSFU Configure Analog TV Preemphasis.vi RSSFU Configure Analog TV Special Settings.vi RSSFU Configure Analog TV Subcarrier Settings.vi RSSFU Configure Analog TV Video Vision Picture.vi RSSFU Configure Analog TV Video.vi RSSFU Configure ARB External Clock.vi RSSFU Configure ARB Marker.vi RSSFU Configure ARB Trigger.vi RSSFU Configure Channel Table Frequency.vi RSSFU Configure DMBT Network Mode.vi RSSFU Configure DMBTH Coding Handheld.vi RSSFU Configure DMBTH Coding.vi RSSFU Configure DMBTH Control.vi RSSFU Configure DMBTH Input Signal.vi RSSFU Configure DMBTH Network.vi RSSFU Configure DMBTH Settings.vi RSSFU Configure DMBTH Special Settings.vi RSSFU Configure DMBTH Test Signal.vi RSSFU Configure Fading 2 Path Dynamic Delay Path.vi RSSFU Configure Fading 2 Path Dynamic Delay.vi RSSFU Configure ISDBT Coding.vi

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
		RSSFU Configure ISDBT Input Signal.vi RSSFU Configure ISDBT Layer Coding.vi RSSFU Configure ISDBT Segments.vi RSSFU Configure ISDBT Settings.vi RSSFU Configure ISDBT Special AC Data Settings.vi RSSFU Configure ISDBT Special Guard Insertion Settings.vi RSSFU Configure ISDBT Special Pilot Modulation Settings.vi RSSFU Configure ISDBT Special Pilots Settings.vi RSSFU Configure ISDBT Special Segment Settings.vi RSSFU Configure ISDBT Special Settings.vi RSSFU Configure ISDBT Test Signal.vi RSSFU Configure Reference Oscillator.vi RSSFU Configure Trigger IO.vi RSSFU Delete ARB Waveform.vi RSSFU Enable Analog TV Special Settings.vi RSSFU Enable DMBTH Special Settings.vi RSSFU Enable ISDBT Special Settings.vi RSSFU Frequency Channel Table Operations.vi RSSFU Get Level of Phase Noise.vi RSSFU Read Analog TV Values.vi RSSFU Read ARB External Clock Frequency.vi RSSFU Read DMBTH Coder Status.vi RSSFU Read DMBTH Packed Length.vi RSSFU Read DMBTH SFN Values.vi RSSFU Read DMBTH Values.vi RSSFU Read Fading 2 Path Dynamic Delay Doppler Shift.vi RSSFU Read ISDBT Bandwidth.vi RSSFU Read ISDBT Coder Status.vi RSSFU Read ISDBT Input Data Rate.vi RSSFU Read ISDBT Values.vi RSSFU Read TSPlayer and Recorder Status.vi RSSFU Record Progress.vi RSSFU Set Frequency VSB Reference Point.vi RSSFU Set Tx Actual Center Frequency.vi RSSFU Set Tx Frequency Channel.vi RSSFU TDMB Configuration.vi RSSFU TX RF Output Clear.vi RSSFU TX RF Output Protection Tripped.vi RSSFU System Display Update.vi RSSFU System Keypad Lock.vi - obsolete: RSSFU Configure Noise.vi

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
		RSSFU Configure Pulse Noise.vi RSSFU Configure Noise Parameters.vi RSSFU T-DMB Settings.vi RSSFU Configure DMBT Network.vi
1.45.0	07/2006	- added new VIs: RSSFU Configure 8VSB Input Signal.vi RSSFU Configure 8VSB Settings.vi RSSFU Configure 8VSB Special Settings.vi RSSFU Configure 8VSB Test Signal.vi RSSFU Configure J83B Coding.vi RSSFU Configure J83B Input Signal.vi RSSFU Configure J83B Settings.vi RSSFU Configure J83B Special Settings.vi RSSFU Configure J83B Test Signal.vi RSSFU Enable 8VSB Special Settings.vi RSSFU Enable J83B Special Settings.vi RSSFU Read 8VSB Coder Status.vi RSSFU Read 8VSB Constellation.vi RSSFU Read 8VSB Packed Length.vi RSSFU Read 8VSB Roll Off.vi RSSFU Read 8VSB Values.vi RSSFU Read J83B Coder Status.vi RSSFU Read J83B Packed Length.vi RSSFU Read J83B Roll Off.vi RSSFU Read J83B Values.vi RSSFU Set 8VSB Symbol Rate.vi
1.44.0	05/2006	Modifications: - added new VIs: RSSFU Configure Directv Coding.vi RSSFU Configure Directv Input Signal.vi RSSFU Configure Directv Settings.vi RSSFU Configure Directv Special Settings.vi RSSFU Configure Gen Noise.vi RSSFU Configure Interferer ATV Predefined Standard.vi RSSFU Configure MediaFLO Area Settings.vi RSSFU Configure MediaFLO Delay Settings.vi RSSFU Configure MediaFLO ID Settings.vi RSSFU Configure MediaFLO Input Signal.vi RSSFU Configure MediaFLO Special Settings.vi RSSFU Configure Modulation ATV Transmission Standard.vi

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
		RSSFU Configure Modulator Level.vi RSSFU Configure Noise CN.vi RSSFU Configure Pulse Noise.vi RSSFU Enable Directv Special Settings.vi RSSFU Enable MediaFLO Special Settings.vi RSSFU Modulation Signal Info and Statistics.vi RSSFU Noise Bandwidth Settings.vi RSSFU Read Directv Packed Length.vi RSSFU Read Directv Values.vi RSSFU Read MediaFLO Coder Status.vi RSSFU Read MediaFLO Delay SSF Arrival Time.vi RSSFU Read MediaFLO Length Settings.vi RSSFU Read MediaFLO Measured Data Rate.vi RSSFU Catalog Length.vi RSSFU File Directory Path.vi RSSFU Read To File From Instrument.vi RSSFU Write From File To Instrument.vi - modified VIs: RSSFU Configure Modulation.vi RSSFU Configure Interferer.vi RSSFU Configure DVBT Coding.vi RSSFU Read Gen Noise State.vi RSSFU Reset.vi - timeout set to 30s
1.40.0	03/2006	Driver update for SFU Broadcast Test System firmware version 1.40 - modified VIs: RSSFU Configure Interferer.vi RSSFU Configure Modulation Settings.vi - added new VIs: RSSFU Configure Fading Birth Death Path Loss.vi RSSFU Configure Fading Birth Death Path Profile.vi RSSFU Configure Fading Movi RSSFU Configure Fading Movi RSSFU Configure TDMB Input Signal.vi RSSFU Configure TDMB Special Settings.vi RSSFU Configure Tsgen PCR Jitter.vi RSSFU Enable TDMB Special Settings.vi RSSFU Fading Configuration.vi RSSFU File Operations.vi RSSFU Interface Settings (GEN).vi RSSFU Interface Settings (REC).vi RSSFU New Record Stream.vi

Error! No text of specified style in document.

Driver history for LabVIEW		
Revision	Date	Note
		RSSFU Read Fading Birth Death Path Profile Results.vi RSSFU Read Fading Birth Death Path Profile.vi RSSFU Read Info STC SSTC.vi RSSFU Read Player Parameters.vi RSSFU Read Recorder Parameters.vi RSSFU Read TDMB Coder Status.vi RSSFU Read TDMB ETI Input.vi RSSFU Read TDMB Values.vi RSSFU Select Application.vi RSSFU Select Play File.vi RSSFU T-DMB Settings.vi RSSFU Timing Settings.vi RSSFU TSPlayer and Recorder Status.vi
1.22.1	01/2006	Driver for SFU Firmware 1.22 Modifications: - Minor changes in range checking - fixed RSSFU Configure DVBT Coding.vi - added attribute help
1.22	10/2005	Driver for SFU Firmware 1.22 - Initial Release

Error! No text of specified style in document.

2 Driver history for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
1.80.1	08/2008	<p>Driver for SFU Broadcast Test System firmware version 1.80</p> <ul style="list-style-type: none"> - modified functions/attributes: <ul style="list-style-type: none"> rssfu_readModulationSigInfoStat - added *OPC <ul style="list-style-type: none"> rssfu_confTxModulation, RSSFU_ATTR_MOD_DM_SPECTRUM rssfu_confTxModulation, RSSFU_ATTR_MOD_DM_TRANSMISSION_STANDARD - added rangetable: <ul style="list-style-type: none"> rssfu_readDVBCValues, RSSFU_ATTR_IQC_DVBC_PACKET_LENGTH rssfu_readDVBSValues, RSSFU_ATTR_IQC_DVBS_PACKET_LENGTH rssfu_readDMBTValues, RSSFU_ATTR_IQC_DMBT_PACKET_LENGTH rssfu_readDVBTValues, RSSFU_ATTR_IQC_DVBT_PACKET_LENGTH rssfu_readDVBTValues, RSSFU_ATTR_IQC_DVBT_PACKET_LENGTH_LOW rssfu_readDTMBValues, RSSFU_ATTR_IQC_DTMB_CODING_PACKED_LENGTH
1.80.0	06/2008	<p>Driver for SFU Broadcast Test System firmware version 1.80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - new functions: <ul style="list-style-type: none"> rssfu_confTxModulationInterfererSignal rssfu_confTxModIqInputRefresh rssfu_confDTMBDualPilotTone rssfu_confDVBS2ACMMode rssfu_confDVBS2FecFrame rssfu_confDirectvPhaseNoise rssfu_readAVSBCoderStatus rssfu_confAVSBInputSignal rssfu_confAVSBTestSignal rssfu_readAVSBPackedLength rssfu_readAVSBValues rssfu_setAVBSymbolRate rssfu_readAVSBConstellation rssfu_readAVSBRollOff

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		rssfuf_confAVSBCodingVSBState rssfuf_actEnableAVSBSpecial rssfuf_confAVSBSpecial rssfuf_confAVSBRfWatermarkSettings rssfuf_confAVSBSrsSettings rssfuf_confAVSBSettings rssfuf_setImpOptimizationMode rssfuf_confFadingMaxPaths rssfuf_confFadingCouplingSettings rssfuf_actEnablePowerMeter rssfuf_powerMeterConfiguration rssfuf_confPowerMeterFrequency rssfuf_relativePowerState rssfuf_readAbsoluteOutputPower rssfuf_actPowerMeterM2Ref rssfuf_actPowerMeterZero rssfuf_confAverageFilter rssfuf_actAverageAutoOnce - modified: rssfuf_confDVBCoding - Roll Off - changed data type rssfuf_confTxModulation rssfuf_confDTMBHCoding rssfuf_confDTMBCoding rssfuf_confDTMBSettings rssfuf_confFadingPathProfile rssfuf_confFadingDelaySettings
1.70.01	03/2008	Driver for SFU Broadcast Test System firmware version 1.70 Modifications: rssfuf_confTxModulation - fixed attenuation range
1.70.0	02/2008	Driver update for SFU Broadcast Test System firmware version 1.70 Modifications: - new functions: rssfuf_confISDBTSystem rssfuf_confISDBTSubChannel rssfuf_readDTMBCoderStatus rssfuf_confDTMBInputSignal

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		rssfuf_confDTMBTestSignal rssfuf_readDTMBValues rssfuf_confDTMBNetworkMode rssfuf_confDTMBChannelBandwidth rssfuf_confDTMBCoding rssfuf_confDTMBHCoding rssfuf_readDTMBSFNValues rssfuf_actEnableDTMBSpecial rssfuf_actEnableDMBModeDTMBSpecial rssfuf_confDTMBSpecial rssfuf_confDTMBSettings rssfuf_confFadingPathProfileResultDopplerFreq rssfuf_confFadingBirthDeathDopplerFrequency rssfuf_confFading2pathDynamicDelayDopplerShift - modified: rssfuf_confTxModulation rssfuf_confTDMBInputSignal rssfuf_confDVBS2TestSignal rssfuf_confDMBTTestSignal rssfuf_confDVBS2Special rssfuf_configAnalogTvAudio rssfuf_readTsgenPlayerParam rssfuf_WaitForOPCCallback - fixed, bad OPC mask - DMB-TH transmission standard moved to obsolete functions
1.60.2	11/2007	Modifications: Added wait for OPC when loading/storing fading profile Fixed rssfuf_confDMBTHCoding New rsidr_core
1.60.1	09/2007.	Modifications: Added rssfuf.sub to LabWindows/CVI ZIP archive
1.60	03/2007.	Driver update for SFU Broadcast Test System firmware version 1.60 - new functions: rssfuf_readExternalAudioInputLevel rssfuf_confAnalogTvNICAMSignal rssfuf_confAnalogTvAudioInputSignal rssfuf_configAnalogTvAudioAf rssfuf_configAnalogTvAudioImpedance rssfuf_confAnalogTvSpecialVsbCharacteristic

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		rssfuf_confAnalogTvSpecialVideoCarrier rssfuf_setAnalogTvSpecialAmModulationDepth rssfuf_confAnalogTvVideoInputSignal rssfuf_loadAnalogTvVideoLibrary rssfuf_analogTvVideoLibraryCatalog rssfuf_analogTvVideoLibraryCatalogLength rssfuf_actARBWaveformFileTag rssfuf_setMfloChannelBandwidth rssfuf_readPeakEnvelopePower rssfuf_setDMBTHSpecialSingleCarrier rssfuf_confFadingReferenceSettings rssfuf_configureFading rssfuf_setStatusRegister rssfuf_getStatusRegister rssfuf_setUserDefStatusRegister rssfuf_getUserDefStatusRegister rssfuf_storeLoadInstrumentData rssfuf_storeLoadFadingSettings rssfuf_storeLoadApplication rssfuf_noiseFileOperations rssfuf_fadingCatalog rssfuf_confDVBS2Pilots - modified: rssfuf_confDVBS2Coding rssfuf_confISDBTSpecialSegmentSettings rssfuf_confFadingStandardSet rssfuf_confTDMBConfiguration rssfuf_confAnalogTvVideo rssfuf_confAnalogTvVideoVisionPicture rssfuf_ARBWaveformCatalog rssfuf_ARBWaveformCatalogLength rssfuf_ARBWaveformSamples - removed: rssfuf_confDVBS2H8PSKSettings
1.50.0	11/2006	Driver update for SFU Broadcast Test System firmware version 1.50 - modified functions: rssfuf_confJ83BTestSignal rssfuf_confDirectvInputSignal rssfuf_confTxModulation rssfuf_confFadingPathProfile

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		rssf_u_rssf_u_actFadingConfig rssf_u_confTxModInterfAtvPredefStd rssf_u_confFadingStandardSet rssf_u_readDMBTSFNValues rssf_u_confFadingBirthDeathPathProfile - new functions: rssf_u_SetTxActualCenterFrequency rssf_u_SetTxFrequencyChannel rssf_u_FrequencyChannelTableOperations rssf_u_ConfigureChannelTableFrequency rssf_u_SetFrequencyVSBReferencePoint rssf_u_readTxFreq rssf_u_txRfOutputProtectionTripped rssf_u_actTxRfOutputClear rssf_u_GetLevelOfPhaseNoise rssf_u_DeleteARBWaveform rssf_u_ARBWaveformSamples rssf_u_ARBWaveformCatalog rssf_u_ARBWaveformCatalogLength rssf_u_confARBExternalClock rssf_u_readARBExternalClockFrequency rssf_u_confARBTrigger rssf_u_actARBTriggerExecute rssf_u_readARBTriggerStatus rssf_u_confARBMarker rssf_u_readTsgenStatus rssf_u_readTsgenRecordProgress rssf_u_confReferenceOscillator rssf_u_confTriggerIO rssf_u_confFading2pathDynamicDelayPath rssf_u_confFading2pathDynamicDelay rssf_u_readFading2pathDynamicDelayDopplerShift rssf_u_configAnalogTvAudio rssf_u_confAnalogTvVideo rssf_u_confAnalogTvVideoVisionPicture rssf_u_readAnalogTvValues rssf_u_actEnableAnalogTvSpecial rssf_u_confAnalogTvPreemphasis rssf_u_confAnalogTvPilot rssf_u_confAnalogTvSubcarrierSettings rssf_u_confAnalogTvSpecialSettings

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		rssfuf_readISDBTCoderStatus rssfuf_confISDBTInputSignal rssfuf_confISDBTTestSignal rssfuf_readISDBTInputDataRate rssfuf_readISDBTValues rssfuf_confISDBTLayerCoding rssfuf_confISDBTCoding rssfuf_confISDBTSegments rssfuf_readISDBTBandwidth rssfuf_actEnableISDBTSpecial rssfuf_confISDBTSpecial rssfuf_confISDBTSpecialPilotSettings rssfuf_confISDBTSpecialPilotModulationSettings rssfuf_confISDBTSpecialSegmentSettings rssfuf_confISDBTSpecialAcDataSettings rssfuf_confISDBTSpecialGuardInsertionSettings rssfuf_confISDBTSettings rssfuf_readDMBTHCoderStatus rssfuf_confDMBTHInputSignal rssfuf_confDMBTHTestSignal rssfuf_readDMBTHPackedLength rssfuf_readDMBTHValues rssfuf_confDMBTHNetwork rssfuf_confDMBTHControl rssfuf_confDMBTHCoding rssfuf_confDMBTHCodingHandheld rssfuf_readDMBTHSFNValues rssfuf_actEnableDMBTHSpecial rssfuf_confDMBTHSpecial rssfuf_confDMBTHSettings rssfuf_confDMBTNetworkMode rssfuf_confTDMBCConfiguration rssfuf_systemDisplayUpdate rssfuf_systemKeypadLock - obsolete: rssfuf_confNoise_obs rssfuf_confNoisePulse_obs rssfuf_confNoiseParameters rssfuf_confTDMBSSettings rssfuf_confDVBCNetwork
1.45.0	07/2006	Driver update for SFU Broadcast Test System firmware version 1.45

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		<p>- new function:</p> <ul style="list-style-type: none"> rssfu_read8VSBCoderStatus rssfu_conf8VSBInputSignal rssfu_conf8VSBTestSignal rssfu_read8VSBPackedLength rssfu_read8VSBValues rssfu_set8VSBSymbolRate rssfu_read8VSBConstellation rssfu_read8VSBRollOff rssfu_actEnable8VSBSpecial rssfu_conf8VSBSpecial rssfu_conf8VSBSettings rssfu_readJ83BCoderStatus rssfu_confJ83BInputSignal rssfu_confJ83BTestSignal rssfu_readJ83BPackedLength rssfu_readJ83BValues rssfu_confJ83BCoding rssfu_readJ83BRollOff rssfu_actEnableJ83BSpecial rssfu_confJ83BSpecial rssfu_confJ83BSettings
1.44.0	05/2006	<p>Driver update for SFU Broadcast Test System firmware version 1.44</p> <p>- new function:</p> <ul style="list-style-type: none"> rssfu_confAtvTransStandard rssfu_confTxModInterfAtvPredefStd rssfu_confTxModulatorLevel rssfu_readModulationSigInfoStat rssfu_confDirectvInputSignal rssfu_readDirectvPackedLength rssfu_readDirectvValues rssfu_confDirectvCoding rssfu_actEnableDirectvSpecial rssfu_confDirectvSpecial rssfu_confDirectvSettings rssfu_readMfloCoderStatus rssfu_confMfloInputSignal rssfu_readMfloMeasDataRate rssfu_confMfloDelaySettings

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		rssf_u_readMfloDelaySsfArrivalTime rssf_u_actEnableMfloSpecial rssf_u_confMfloSpecial rssf_u_confMfloAreaSettings rssf_u_confMfloIdSettings rssf_u_readMfloLengthSettings rssf_u_confNoise rssf_u_confNoiseCn rssf_u_confNoisePulse rssf_u_confNoiseBwSettings rssf_u_actFileCatPath rssf_u_readCatalogLength rssf_u_readToFile rssf_u_writeFromFile rssf_u_ReadDataUnknownLength - modified functions: rssf_u_confTxModulation rssf_u_confTxModulationInterferer rssf_u_confDVBTCoding rssf_u_readNoiseGenState rssf_u_reset - timeout for reset is set to 30s
1.40.0	03/2006	Driver update for SFU Broadcast Test System firmware version 1.40 - modified functions: rssf_u_confTxModulationSettings rssf_u_confTxModulationInterferer - added new functions: rssf_u_readNoiseGenState rssf_u_readNoiseCN rssf_u_readTxLevel rssf_u_readTxFreq rssf_u_actFadingConfig rssf_u_confFadingBirthDeathPathLoss rssf_u_readFadingBirthDeathPathProfile rssf_u_confFadingBirthDeathPathProfile rssf_u_readFadingBirthDeathPathProfileResults rssf_u_confFadingMovingPropagPathReference rssf_u_confFadingMovingPropagPath rssf_u_readTDMBCoderStatus rssf_u_confTDMBInputSignal rssf_u_readTDMBValues

Error! No text of specified style in document.

History for LabWindows/CVI and VXIplug&play drivers for VEE, C++, C#, Visual Basic, Visual Basic.NET etc		
Revision	Date	Note
		rssfuf_readTDMBEtlInput rssfuf_readTDMBInfo rssfuf_actEnableTDMBSpecial rssfuf_confTDMBSpecial rssfuf_confTDMBSSettings rssfuf_confTsgenApplication rssfuf_actTsgenStatus rssfuf_readTsgenPlayerParam rssfuf_confTsgenTimingSettings rssfuf_confTsgenPcrJitter rssfuf_confTsgenInterfaceSetGen rssfuf_readTsgenRecParam rssfuf_confTsgenInterfaceSetRec rssfuf_actFileOperations rssfuf_confTsgenPlayfile rssfuf_confTsgenNewRecordStream
1.22.1	01/2006	Driver for SFU Firmware 1.22 Modifications: - Minor changes in range checking - fixed rssfuf_confDVBTCoding - added attribute help
1.22	10/2005	Driver for SFU Firmware 1.22 - Initial Release

About Rohde & Schwarz

Rohde & Schwarz is an independent group of companies specializing in electronics. It is a leading supplier of solutions in the fields of test and measurement, broadcasting, radiomonitoring and radiolocation, as well as secure communications. Established 75 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries. Company headquarters are in Munich, Germany.

Regional contact

Europe, Africa, Middle East

+49 1805 12 42 42* or +49 89 4129 137 74

customersupport@rohde-schwarz.com

North America

1-888-TEST-RSA (1-888-837-8772)

customer.support@rsa.rohde-schwarz.com

Latin America

+1-410-910-7988

customersupport.la@rohde-schwarz.com

Asia/Pacific

+65 65 13 04 88

customersupport.asia@rohde-schwarz.com

Certified Quality System
ISO 9001
DQS REG. NO 1954 QM

Certified Environmental System
ISO 14001
DQS REG. NO 1954 UM

Rohde & Schwarz GmbH & Co. KG

Mühlendorfstraße 15 | D - 81671 München

Phone + 49 89 4129 - 0 | Fax + 49 89 4129 - 13777

www.rohde-schwarz.com