

Driver history for R&S®SFC Compact Modulator Driver Documentation

Products:

| R&S®SFC

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

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1 History for LabVIEW Instrument Driver

History for LabVIEW Instrument Driver		
Revision	Date	Note
2.80.3	06/2014	* Modified: RSSFC_ATTR_IQC_DVBS_ROLL, rssfc Configure DVBS Coding.vi - removed value 0.30, added value 0.20
2.80.2	09/2013	* Modified: rssfc Instrument Options.vi - increase read buffer to 1024 bytes rssfc_core.lvlib version 5.0.0
2.80.1	08/2013	* Modified: rssfc_actCal - increased timeout to 210s
2.80.0	01/2013	Driver update for firmware version 02.80 * New: rssfc Configure DVBC2 Framing OFDM Adjust RF Frequency.vi rssfc Configure DVBC2 Framing OFDM Baseband Filter.vi rssfc Configure DVBC2 Framing OFDM C2 Bandwidth.vi rssfc Configure DVBC2 Notch Values.vi rssfc Configure DVBC2 Number Of Notches.vi rssfc Configure DVBT2 Input T2 MI SID.vi rssfc Configure DVBT2 SFN Timestamp Offset.vi rssfc Configure DVBT2 SFN Update Timestamp.vi rssfc Configure DVBT2 Transmission L Parameters L1T2.vi rssfc Configure DVBT2 Transmission Profile Mode.vi rssfc Read DVBC2 Data Slice Frequency Values.vi rssfc Read DVBC2 Framing OFDM Calculate Center Frequency.vi rssfc Read DVBC2 Notch Frequency Values.vi rssfc Read DVBC2 Notch Type.vi rssfc Read DVBT2 SFN Timestamp Mode.vi rssfc Read DVBT2 SFN Timestamp Parameters.vi rssfc Configure DVBT2 Transmission System Network.vi rssfc Configure DVBT2 Transmission Future Extension Payload.vi * Modified: * rssfc_core.lvlib version 4.0.0 DVB-C2: Notches 1-4 are supported DVB-C2: Data Slice 1-4 are supported rssfc Configure DVBT2 BICM Parameters.vi rssfc Configure DVBT2 Transmission System.vi rssfc Configure DVBT2 Transmission L Parameters.vi rssfc Read DVBC2 Data Slice Values.vi rssfc Read DVBC2 Notch Values.vi rssfc Configure DVBC2 Framing OFDM Parameters.vi

History for LabVIEW Instrument Driver		
Revision	Date	Note
		rssfc Close.vi - remove GTL * Deleted: RSSFC_ATTR_DVBC2_FRAMING_NUM_BUNDLED_CH
2.0.0	03/2012	Driver update for firmware version 02.00 Modifications: * New: rssfc Configure DVBT2 MISO Group Mode.vi rssfc Configure DVBT2 Transmission System ID.vi rssfc Configure DVBT2 SFN Delay Parameters.vi rssfc Configure DVBT2 SFN Mute P1 Symbol.vi rssfc Read DVBT2 SFN Delay Parameters.vi - Added DVB-C2 transmission standard: rssfc Configure DVBC2 Number Of PLP.vi rssfc Configure DVBC2 Input Signal.vi rssfc Read DVBC2 Values.vi rssfc Configure DVBC2 Test Signal.vi rssfc Configure DVBC2 Mode Stream Adaptation.vi rssfc Read DVBC2 Mode Stream Adaptation PLP Type.vi rssfc Configure DVBC2 BICM PLP Mapping Parameters.vi rssfc Read DVBC2 BICM XFEC Frame Length.vi rssfc Read DVBC2 Data Slice Min Max.vi rssfc Configure DVBC2 Number Of Data Slices.vi rssfc Configure DVBC2 Data Slice Parameters.vi rssfc Read DVBC2 Data Slice Num PLP.vi rssfc Configure DVBC2 Current Data Slice Parameters.vi rssfc Read DVBC2 Data Slice Values.vi rssfc Read DVBC2 Number Of Notches.vi rssfc Read DVBC2 Notch Values.vi rssfc Configure DVBC2 Framing OFDM Parameters.vi rssfc Read DVBC2 Framing OFDM Used Bandwidth.vi rssfc Read DVBC2 Framing OFDM Parameters.vi rssfc Configure DVBC2 C2 System Parameters.vi rssfc Configure DVBC2 Settings.vi * Modified: rssfc Configure Modulation.vi rssfc Configure Analog TV NICAM Source.vi rssfc Read Audio BC FM Modulation Values.vi rssfc Configure DVBT2 Transmission System.vi * Deleted: RSSFC_ATTR_AUDIO_BC_SOURCE_INPUT_LEVEL_RIGHT RSSFC_ATTR_AUDIO_BC_SOURCE_INPUT_LEVEL_LEFT

History for LabVIEW Instrument Driver		
Revision	Date	Note
		RSSFC_ATTR_AUDIO_BC_MODULATION_NOM_FREQ_DEV_MPX RSSFC_ATTR_AUDIO_BC_MODULATION_FREQ_DEV_MPX RSSFC_ATTR_DVBT2_T2_SYSTEM_TRANSMITTER_ID_STATE RSSFC_ATTR_AUDIO_BC_AM_INPUT_LEVEL rssfc Read Audio BC FM External Source.vi rssfc Configure Audio BC FM MPX Freq Deviation rssfc Read Audio BC AM External Source.vi
1.0.0	06/2011	Initial version

2 History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, Visual Basic .NET, VEE, etc

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
2.80.3	06/2014	* Modified: RSSFC_ATTR_IQC_DVBS_ROLL, rssfc_confDVBSCoding - removed value 0.30, added value 0.20
2.80.2	09/2013	* Modified: rssfc_confAnalogTvSubcarrierSettings - fixed switch parameter variable
2.80.1	08/2013	* Modified: rssfc_actCal - increased timeout to 210s
2.80.0	01/2013	Driver update for firmware version 02.80 * New: rssfc_ConfigureDVBT2InputT2MISID rssfc_ConfigureDVBT2TransmissionProfileMode rssfc_ConfigureDVBT2SFNTimestampOffset rssfc_ConfigureDVBT2SFNUUpdateTimestamp rssfc_ReadDVBT2SFNTimestampMode rssfc_ReadDVBT2SFNTimestampParameters rssfc_ReadDVBC2DataSliceFrequencyValues rssfc_ConfigureDVBC2NumberOfNotches rssfc_ReadDVBC2NotchType rssfc_ConfigureDVBC2NotchValues rssfc_ReadDVBC2NotchFrequencyValues rssfc_ConfigureDVBC2FramingOFDMC2Bandwidth rssfc_ConfigureDVBC2FramingOFDMBasebandFilter rssfc_ConfigureDVBC2FramingOFDMAAdjustRFFrequency rssfc_ReadDVBC2FramingOFDMCalculateCenterFrequency rssfc_ConfigureDVBT2TransmissionSystemNetwork rssfc_ConfigureDVBT2TransmissionFutureExtensionPayload * Modified: DVB-C2: Notches 1-4 are supported DVB-C2: Data Slice 1-4 are supported rssfc_confDVBT2BICMPParameters rssfc_confDVBT2TransmissionSystem rssfc_confDVBT2TransmissionLParam rssfc_confDVBT2TransmissionLParametersL1T2 rssfc_ReadDVBC2DataSliceValues

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		rssfc_ReadDVBC2NotchValues rssfc_ConfigureDVBC2FramingOFDMPParameters - 'Num Bundled CH' not used rssfc_close - remove GTL * Deleted: RSSFC_ATTR_DVBC2_FRAMING_NUM_BUNDLED_CH
2.0.0	03/2012	Driver update for firmware version 02.00 Modifications: * New: rssfc_ConfigureDVBT2MISOGroupMode rssfc_ConfigureDVBT2TransmissionSystemID rssfc_ConfigureDVBT2SFNDelayParameters rssfc_ConfigureDVBT2SFNMuteP1Symbol rssfc_ReadDVBT2SFNDelayParameters - Added DVB-C2 transmission standard: rssfc_ConfigureDVBC2NumberOfPLP rssfc_configureDVBC2InputSignal rssfc_ReadDVBC2Values rssfc_ConfigureDVB2CTestSignal rssfc_ConfigureDVBC2ModeStreamAdaptation rssfc_ReadDVBC2ModeStreamAdaptationPLPType rssfc_ConfigureDVBC2BICMPLPMappingParameters rssfc_ReadDVBC2BICMFECFrameLength rssfc_ReadDVBC2DataSliceMinMax rssfc_ConfigureDVBC2NumberOfDataSlices rssfc_ConfigureDVBC2DataSliceParameters rssfc_ReadDVBC2DataSliceNumPLP rssfc_ConfigureDVBC2CurrentDataSliceParameters rssfc_ReadDVBC2DataSliceValues rssfc_ReadDVBC2NumberOfNotches rssfc_ReadDVBC2NotchValues rssfc_ConfigureDVBC2FramingOFDMPParameters rssfc_ReadDVBC2FramingOFDMUsedBandwidth rssfc_ReadDVBC2FramingOFDMPParameters rssfc_ConfigureDVBC2C2SystemParameters rssfc_ConfigureDVBC2Settings * Modified: rssfc_confTxModulation rssfc_confAnalogTvNICAMSource rssfc_readAudioBCFMModulationValues rssfc_confDVBT2TransmissionSystem

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		RS_ATTR_QUERY_INSTRUMENT_STATUS - enable rssfci_InitWithOptions - VISA timeout set to 20 sec * Deleted: RSSFC_ATTR_AUDIO_BC_SOURCE_INPUT_LEVEL_RIGHT RSSFC_ATTR_AUDIO_BC_SOURCE_INPUT_LEVEL_LEFT RSSFC_ATTR_AUDIO_BC_MODULATION_NOM_FREQ_DEV_MPX RSSFC_ATTR_AUDIO_BC_MODULATION_FREQ_DEV_MPX RSSFC_ATTR_DVBT2_T2_SYSTEM_TRANSMITTER_ID_STATE RSSFC_ATTR_AUDIO_BC_AM_INPUT_LEVEL rssfci_readAudioBCAMExternalSource rssfci_readAudioBCFMExternalSource rssfci_configureAudioMPXFreqDeviation
1.0.0	06/2011	Initial version

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Environmental commitment

- Energy-efficient products
- Continuous improvement in environmental sustainability
- ISO 14001-certified environmental management system



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