

# Driver History for R&S®SMU200A, SMJ100A, SMATE200A, AMU200A and SMBV100A Driver Documentation

## Products:

- | R&S®SMU200A
- | R&S®SMJ100A
- | R&S®SMATE200A
- | R&S®AMU200A
- | R&S®SMBV100A

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 Driver History for LabVIEW

History for LabVIEW		
Revision	Date	Note
2.15.1	01/2012	Modifications: Fixed CHM file
2.15.0	11/2011	<p>Driver update for Firmware version 2.20.230.58</p> <p>Modifications:</p> <p>* Modified:</p> <ul style="list-style-type: none"> <li>RSSMU Get GSM Filter Type.vi</li> <li>RSSMU Configure BTO Filter.vi</li> <li>RSSMU Set BTO Filter Parameter Root Cosine.vi</li> <li>RSSMU Get BTO Filter Parameter Root Cosine.vi</li> <li>RSSMU Set W3GPP Filter Parameter Cosine.vi</li> <li>RSSMU Get W3GPP Filter Parameter Cosine.vi</li> <li>RSSMU Set W3GPP Filter Parameter Root Cosine.vi</li> <li>RSSMU Get W3GPP Filter Parameter Root Cosine.vi</li> <li>RSSMU Set C2k Filter Parameter Cosine.vi</li> <li>RSSMU Get C2k Filter Parameter Cosine.vi</li> <li>RSSMU Set C2k Filter Parameter Root Cosine.vi</li> <li>RSSMU Get C2k Filter Parameter Root Cosine.vi</li> <li>RSSMU Configure C2k Predefined Settings BS.vi</li> <li>RSSMU Set C2k Number Of Supplemental (F-SCH) BS.vi</li> <li>RSSMU Get C2k Number Of Supplemental (F-SCH) BS.vi</li> <li>RSSMU Set TDSCDMA Filter Parameter Root Cosine.vi</li> <li>RSSMU Get TDSCDMA Filter Parameter Root Cosine.vi</li> <li>RSSMU Set TDSCDMA Filter Parameter Cosine.vi</li> <li>RSSMU Get TDSCDMA Filter Parameter Cosine.vi</li> <li>RSSMU Configure WLAN Filter.vi</li> <li>RSSMU Set WLAN Filter Parameter Root Cosine.vi</li> <li>RSSMU Get WLAN Filter Parameter Root Cosine.vi</li> <li>RSSMU Configure WLANN Filter.vi</li> <li>RSSMU Set WLANN Filter Parameter Root Cosine.vi</li> <li>RSSMU Get WLANN Filter Parameter Root Cosine.vi</li> <li>RSSMU Set WLANN Filter Parameter Cosine.vi</li> <li>RSSMU Get WLANN Filter Parameter Cosine.vi</li> <li>RSSMU Set WiMAX OFDMA Duration Slots.vi</li> <li>RSSMU Get WiMAX OFDMA Duration Slots.vi</li> <li>RSSMU Set WiMAX OFDMA Off Set Subchannel.vi</li> <li>RSSMU Get WiMAX OFDMA Off Set Subchannel.vi</li> <li>RSSMU Set WiMAX OFDMA Off Set Symbol.vi</li> <li>RSSMU Get WiMAX OFDMA Off Set Symbol.vi</li> </ul>

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		RSSMU Get EUTRA DL MIMO APM Real
		RSSMU Set EUTRA DL MIMO APM Imaginary
		RSSMU Get EUTRA DL MIMO APM Imaginary
		RSSMU Set EUTRA DL Subframe VRB Gap.vi
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2.14.0	09/2011	Modifications:  - added support for Galileo
2.13.0	11/2010	Modifications:  Added option K68 TETRA Added Support for Bluetooth Low Energy Added Support for Test Packet Configuration in Bluetooth RSSMU Configure BTO DTT Test Packet Configuration.vi RSSMU TDSCDMA Settings Test Model Catalog RSSMU Configure TDSCDMA DCHHS-SICH.vi RSSMU Configure TDSCDMA DCH PLCCH Pattern.vi RSSMU Set TDSCDMA DCH Number of Time Slots.vi RSSMU Get TDSCDMA DCH Number of Time Slots.vi RSSMU Set TDSCDMA DCH Number of Channels.vi RSSMU Get TDSCDMA DCH Number of Channels.vi TDSCDMA HSDPA,HSUPA TDSCDMA PLCCH TDSCDMA HS-SICH RSSMU Configure TDSCDMA DPCCH E-UCCH.vi RSSMU Set TDSCDMA DPCCHE-UCCH Channels.vi RSSMU Get TDSCDMA DPCCHE-UCCH Channels.vi RSSMU Set TDSCDMA DPCCHE-UCCHE-TFCI Value.vi RSSMU Get TDSCDMA DPCCHE-UCCHE-TFCI Value.vi RSSMU Set TDSCDMA DPCCHE-UCCH Retransmission Sequence Number.vi

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2.12	03/2009	Driver update for Firmware version 2.10.111.53  Initial Release for Linux, support for: - Mandriva Linux 2008 and Mandriva Linux 2009 - openSUSE 10.3 and openSUSE 11.0  - Added VIs: RSSMU Get BB Phase Offset.vi RSSMU Get C2k Filter Parameter Low Pass EVM.vi RSSMU Get DAB Filter Parameter Low Pass EVM.vi RSSMU Get DVB Filter Parameter Low Pass EVM.vi RSSMU Get EUTRA Filter Parameter Low Pass EVM.vi RSSMU Get EUTRA UL Reference Signal SRS C_SRS.vi RSSMU Get EUTRA UL Reference Signal SRS Configuration Period.vi RSSMU Get EUTRA UL Reference Signal SRS Subframe Configuration.vi RSSMU Get EUTRA UL Reference Signal SRS Transmission Offset.vi RSSMU Get EUTRA UL RTFB ACK Definition.vi RSSMU Get EUTRA UL RTFB Additional User Delay.vi RSSMU Get EUTRA UL RTFB Baseband Selector.vi RSSMU Get EUTRA UL RTFB Connector.vi RSSMU Get EUTRA UL RTFB Initial Timing Advance.vi

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		RSSMU Get FSIM Moving Path Variation Period All.vi
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		RSSMU Get TDSCDMA Filter Parameter Low Pass EVM.vi
		RSSMU Get W3GPP Filter Parameter Lowpass EVM.vi
		RSSMU Get WiMAX Filter Parameter Lowpass EVM.vi
		RSSMU Get WLAN Filter Parameter Low Pass EVM.vi
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		RSSMU Get EUTRA UL RTFB Redundancy Version Sequence RSSMU Set BB Phase Offset.vi RSSMU Set C2k Filter Parameter Low Pass EVM.vi RSSMU Set DAB Filter Parameter Low Pass EVM.vi RSSMU Set DVB Filter Parameter Low Pass EVM.vi RSSMU Set EUTRA Filter Parameter Low Pass EVM.vi RSSMU Set EUTRA UL Reference Signal SRS C_SRS.vi RSSMU Set EUTRA UL Reference Signal SRS Subframe Configuration.vi RSSMU Set EUTRA UL RTFB ACK Definition.vi RSSMU Set EUTRA UL RTFB Additional User Delay.vi RSSMU Set EUTRA UL RTFB Baseband Selector.vi RSSMU Set EUTRA UL RTFB Connector.vi RSSMU Set EUTRA UL RTFB Initial Timing Advance.vi RSSMU Set EUTRA UL RTFB Max Number of Transmissions.vi RSSMU Set EUTRA UL RTFB Mode.vi RSSMU Set EUTRA UL RTFB Redundancy Version Sequence.vi RSSMU Set EUTRA UL RTFB Serial Rate.vi RSSMU Set EUTRA UL Subframe Enh PUCCH HARQ Pattern.vi RSSMU Set EUTRA UL Subframe Enh PUSCH HARQ Pattern.vi RSSMU Set EUTRA UL Subframe Enh PUSCH Number of ACK NACK Bits.vi RSSMU Set EUTRA UL Subframe Enh PUSCH Number of ACK NACK Mode.vi RSSMU Set EUTRA UL Subframe Enh PUSCH Number of RI Bits.vi RSSMU Set EUTRA UL Subframe Enh PUSCH RI Pattern.vi RSSMU Set EUTRA UL UE FRC DMRS.vi RSSMU Set EUTRA UL UE FRC Offset VRB.vi RSSMU Set EUTRA UL UE FRC State.vi RSSMU Set EUTRA UL UE FRC Type.vi RSSMU Set EUTRA UL UE PUSCH CCOD I_CQI_offset.vi RSSMU Set EUTRA UL UE PUSCH CCOD I_HARQ_offset.vi RSSMU Set EUTRA UL UE PUSCH CCOD I_RI_offset.vi RSSMU Set EUTRA UL UE PUSCH CCOD Mode.vi RSSMU Set EUTRA UL UE Reference SRS b_hop.vi RSSMU Set EUTRA UL UE Reference SRS B_SRS.vi RSSMU Set EUTRA UL UE Reference SRS I_SRS.vi RSSMU Set EUTRA UL UE Reference SRS n_RRC.vi RSSMU Set EUTRA UL UE Reference SRS Transmission Combination.vi RSSMU Set EVDO Filter Parameter Low Pass EVM.vi RSSMU Set FSIM Moving Path Channels.vi RSSMU Set FSIM Moving Path Variation All.vi RSSMU Set FSIM Moving Path Variation Period All.vi RSSMU Set TDSCDMA Filter Parameter Low Pass EVM.vi RSSMU Set W3GPP Filter Parameter Lowpass EVM.vi

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		RSSMU Set WiMAX Filter Parameter Lowpass EVM.vi RSSMU Set WLAN Filter Parameter Low Pass EVM.vi RSSMU Set WLANN Filter Parameter Low Pass EVM.vi RSSMU Set XMR Satellite Filter Parameter Low Pass EVM.vi RSSMU Set XMR Terrestrial Filter Parameter Low Pass EVM.vi - Modified VIs: RSSMU Configure WLAN Filter.vi RSSMU Set WLAN Filter Type.vi RSSMU Get WLAN Filter Type.vi RSSMU Configure WLANN Filter.vi RSSMU Set WLANN Filter Type.vi RSSMU Get WLANN Filter Type.vi RSSMU Set WiMAX Filter Type.vi RSSMU Get WiMAX Filter Type.vi RSSMU Configure DVB Filter.vi RSSMU Set DVB Filter Type.vi RSSMU Get DVB Filter Type.vi RSSMU Configure DAB Filter.vi RSSMU Set DAB Filter Type.vi RSSMU Get DAB Filter Type.vi RSSMU Configure XMR Satellite Filter.vi RSSMU Set XMR Satellite Filter Type.vi RSSMU Get XMR Satellite Filter Type.vi RSSMU Configure XMR Terrestrial Filter.vi RSSMU Set XMR Terrestrial Compliant Filter.vi RSSMU Get XMR Terrestrial Compliant Filter.vi RSSMU Set EUTRA UL Subframe Enh PUCCH CQI Number Of Bits.vi RSSMU Get EUTRA UL Subframe Enh PUCCH CQI Number Of Bits.vi RSSMU Set EUTRA UL Subframe Enh PUCCH CQI Number Of Coded Bits.vi RSSMU Get EUTRA UL Subframe Enh PUCCH CQI Number Of Coded Bits.vi RSSMU Set EUTRA UL Subframe Enh PUCCH CQI Pattern.vi RSSMU Get EUTRA UL Subframe Enh PUCCH CQI Pattern.vi RSSMU Set EUTRA UL Subframe Enh PUSCH CQI Number Of Bits.vi RSSMU Get EUTRA UL Subframe Enh PUSCH CQI Number Of Bits.vi RSSMU Set EUTRA UL Subframe Enh PUSCH CQI Pattern.vi RSSMU Get EUTRA UL Subframe Enh PUSCH CQI Pattern.vi RSSMU Configure EUTRA Filter.vi RSSMU Set EUTRA Filter Type.vi RSSMU Get EUTRA Filter Type.vi RSSMU Set FSIM State Path.vi RSSMU Get FSIM State Path.vi RSSMU Set FSIM Path Loss.vi

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		RSSMU Get FSIM Path Loss.vi RSSMU Set FSIM Basic Delay.vi RSSMU Get FSIM Basic Delay.vi RSSMU Set FSIM Additional Delay.vi RSSMU Get FSIM Additional Delay.vi RSSMU Get FSIM Resulting Delay.vi RSSMU Set FSIM Constant Phase.vi RSSMU Get FSIM Constant Phase.vi RSSMU Set FSIM Speed.vi RSSMU Get FSIM Speed.vi RSSMU Set FSIM Frequency Ratio.vi RSSMU Get FSIM Frequency Ratio.vi RSSMU Get FSIM Resulting Doppler Shift.vi RSSMU Set IQ Output Mode.vi RSSMU Get IQ Output Mode.vi RSSMU Get EUTRA UL Reference Signal SRS Transmission Offset.vi RSSMU Get EUTRA UL Reference Signal SRS Configuration Period.vi
2.11.	11/2009	Driver update for Firmware version 2.05.x  - Added features: - Bluetooth (K60) - FM Stereo (K57) - Sirius (K58) - Ultra Wide Band (K264) - Clock synchronization  - Added functions: - Baseband, added functions: RSSMU Set BB Signal Source.vi, RSSMU Get BB Signal Source.vi RSSMU Set BB Measurement Duration.vi, RSSMU Get BB Measurement Duration.vi RSSMU Get BB Measurement Remaining Duration.vi RSSMU Set BB Measurement State.vi, RSSMU Get BB Measurement State.vi RSSMU Get BB Measurement Power Peak.vi RSSMU Get BB Measurement Power RMS.vi - GSM/EDGE, added functions RSSMU Set GSM Symbol Rate Mode.vi, RSSMU Get GSM Symbol Rate Mode.vi RSSMU Set GSM Sequence Length Symbols.vi, RSSMU Get GSM Sequence Length Symbols.vi RSSMU Set GSM Sequence Length Frames.vi, RSSMU Get GSM Sequence Length Frames.vi RSSMU GSM Generate Waveform File.vi RSSMU Get GSM Modulation Type.vi RSSMU Get GSM Filter Type.vi

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		<p>RSSMU Set GSM Slot Filter Type.vi, RSSMU Get GSM Slot Filter Type.vi</p> <p>RSSMU Set GSM Extended Training Sequence.vi, RSSMU Get GSM Extended Training Sequence.vi</p> <p>- GSM/EDGE, updated functions</p> <p>RSSMU Set GSM Simulation Mode.vi, RSSMU Get GSM Simulation Mode.vi - added new modes</p> <p>RSSMU conf GSM Power Ramp.vi - bugfix</p> <p>RSSMU Config GSM Marker Mode.vi, RSSMU Set GSM Marker Mode.vi, RSSMU Get GSM Marker Mode.vi - new marker type</p> <p>RSSMU Set GSM Burst Type.vi, RSSMU Get GSM Burst Type.vi - new burst type</p> <p>- 3GPP, added features and functions</p> <p>BS E-AGCH</p> <p>BS H-Set Configuration</p> <p>UE MIMO</p> <p>UE FRC</p> <p>UE DTX</p> <p>RSSMU Set W3GPP Open Loop Transmit Diversity BS.vi, RSSMU Get W3GPP Open Loop Transmit Diversity BS.vi</p> <p>RSSMU Set W3GPP Enh HSDPA MIMO Precoding Weight Pattern.vi, RSSMU Get W3GPP Enh HSDPA MIMO Precoding Weight Pattern.vi</p> <p>RSSMU Set W3GPP TPC Mode DPCCH UE.vi, RSSMU Get W3GPP TPC Mode DPCCH UE.vi</p> <p>RSSMU Set W3GPP EDPDCH Modulation UE.vi, RSSMU Get W3GPP EDPDCH Modulation UE.vi</p> <p>- 3GPP, updated functions</p> <p>RSSMU Config W3GPP Filter.vi, RSSMU Set W3GPP Filter Type.vi, RSSMU Get W3GPP Filter Type.vi - added new filter type</p> <p>RSSMU Config W3GPP Marker.vi, RSSMU Set W3GPP Marker Mode.vi, RSSMU Get W3GPP Marker Mode.vi - added new marker mode</p> <p>RSSMU Set W3GPP OCNS Mode BS.vi, RSSMU Get W3GPP OCNS Mode BS.vi - new OCNS mode</p> <p>RSSMU Config W3GPP Common BS.vi, RSSMU Set W3GPP Transmit Diversity BS.vi, RSSMU Get W3GPP Transmit Diversity BS.vi - new transmit diversity</p> <p>RSSMU Set W3GPP Enh HSDPA MIMO Modulation.vi, RSSMU Get W3GPP Enh HSDPA MIMO Modulation.vi - new modulations</p> <p>RSSMU Set W3GPP Enh HSDPA MIMO Constellation Version Parameter.vi, RSSMU Get W3GPP Enh HSDPA MIMO Constellation Version Parameter.vi - new parameters</p> <p>- cdma2000, added features and functions</p> <p>BS Additional Synchronization</p> <p>- cdma2000, updated functions</p> <p>RSSMU Config C2k Filter.vi, RSSMU Set C2k Filter Type.vi, RSSMU Get C2k Filter Type.vi - added new filter type</p> <p>RSSMU Set W3GPP Enh HSDPA MIMO Constellation Version Parameter.vi, RSSMU Get W3GPP Enh HSDPA MIMO Constellation Version Parameter.vi - new parameters</p> <p>- TD-SCDMA, updated functions</p> <p>RSSMU Config TDSCDMA Filter.vi, RSSMU Set TDSCDMA Filter Type.vi, RSSMU Get TDSCDMA Filter Type.vi - added new filter type</p> <p>RSSMU Config TDSCDMA Marker.vi, RSSMU Set TDSCDMA Marker Mode.vi, RSSMU Get TDSCDMA Marker Mode.vi - added new marker mode</p>

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Revision	Date	Note
		<p>- 1xEV-DO, updated functions</p> <p>RSSMU Config EVDO RPC TU.vi, RSSMU Set EVDO RPC Mode TU.vi, RSSMU Get EVDO RPC Mode TU.vi - added new mode</p> <p>RSSMU Config EVDO Auxiliary Pilot Channel AT.vi, RSSMU Set EVDO Auxiliary Pilot Channel Minimum Payload AT.vi, RSSMU Get EVDO Auxiliary Pilot Channel Minimum Payload AT.vi - added new payload</p> <p>RSSMU Config EVDO Filter.vi, RSSMU Set EVDO Filter Type.vi, RSSMU Get EVDO Filter Type.vi - added new filter type</p> <p>RSSMU Config EVDO Marker.vi, RSSMU Set EVDO Marker Mode.vi, RSSMU Get EVDO Marker Mode.vi - added new marker mode</p> <p>- IEEE 802.11 WLAN, updated functions</p> <p>RSSMU Config WLAN Filter.vi, RSSMU Set WLAN Filter Type.vi, RSSMU Get WLAN Filter Type.vi - added new filter type</p> <p>RSSMU Config WLAN Marker.vi, RSSMU Set WLAN Marker Mode.vi, RSSMU Get WLAN Marker Mode.vi - added new marker mode</p> <p>- IEEE 802.11 WLAN-N, added features and functions</p> <p>RSSMU Set WLANN Coupling State.vi, RSSMU Get WLANN Coupling State.vi</p> <p>RSSMU Set WLANN PLCP Format.vi, RSSMU Get WLANN PLCP Format.vi</p> <p>RSSMU Set WLANN PLCP Locked Clock Bit State.vi, RSSMU Get WLANN PLCP Locked Clock Bit State.vi</p> <p>RSSMU Set WLANN PPDU MAC Address State.vi, RSSMU Get WLANN PPDU MAC Address State.vi</p> <p>RSSMU Get WLANN PSDU Modulation Type.vi</p> <p>RSSMU Set WLANN PSDU Bit Rate.vi, RSSMU Get WLANN PSDU Bit Rate.vi</p> <p>RSSMU Set WLANN PSDU Barker Spreading.vi, RSSMU Get WLANN PSDU Barker Spreading.vi</p> <p>- IEEE 802.11 WLAN-N, updated functions</p> <p>RSSMU Set WLANN Antennas Chain Mapping Output.vi, RSSMU Get WLANN Antennas Chain Mapping Output.vi - added new mapping</p> <p>RSSMU Configure WLANN Filter.vi, RSSMU Set WLANN Filter Type.vi, RSSMU Get WLANN Filter Type.vi - added new filter type</p> <p>RSSMU Set WLANN Frame Block Tx Mode.vi, RSSMU Get WLANN Frame Block Tx Mode.vi - added new mode</p> <p>RSSMU Configure WLANN PPDU Scrambler.vi, RSSMU Set WLANN PPDU Data Scrambler.vi, RSSMU Get WLANN PPDU Data Scrambler.vi - added new scrambler</p> <p>RSSMU Set WLANN Marker Mode.vi, RSSMU Get WLANN Marker Mode.vi - added new marker mode</p> <p>- IEEE 802.16 WiMAX, added features and functions</p> <p>Zone Configuration Band AMC</p> <p>Zone Configuration SUB-MAP</p> <p>Zone Configuration CSTD</p> <p>RSSMU Set WiMAX Baseband B Relative toA.vi, RSSMU Get WiMAX Baseband B Relative toA.vi</p> <p>RSSMU Set WiMAX OFDM DImap Append DCD.vi, RSSMU Get WiMAX OFDM DImap Append DCD.vi</p> <p>RSSMU Set WiMAX OFDM DImap Append UCD.vi, RSSMU Get WiMAX OFDM DImap Append UCD.vi</p> <p>RSSMU Set WiMAX OFDM DImap Append UI map.vi, RSSMU Get WiMAX OFDM DImap Append UI</p>

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		<p>map.vi</p> <p>RSSMU Set WiMAX OFDM DImap Allocation Start Time Base.vi, RSSMU Get WiMAX OFDM DImap Allocation Start Time Base.vi</p> <p>RSSMU Set WiMAX OFDM DImap Allocation Start Time.vi, RSSMU Get WiMAX OFDM DImap Allocation Start Time.vi</p> <p>RSSMU Set WiMAX OFDMA HARQ Start Offset Mode.vi, RSSMU Get WiMAX OFDMA HARQ Start Offset Mode.vi</p> <p>RSSMU Set WiMAX OFDMA HARQ Disable ACK.vi, RSSMU Get WiMAX OFDMA HARQ Disable ACK.vi</p> <p>RSSMU Set WiMAX OFDMA HARQ Chase Modulation.vi, RSSMU Get WiMAX OFDMA HARQ Chase Modulation.vi</p> <p>RSSMU Set WiMAX OFDMA Sounding Allocation Mode.vi, RSSMU Get WiMAX OFDMA Sounding Allocation Mode.vi</p> <p>RSSMU Set WiMAX OFDMA Sounding Shift Value U.vi, RSSMU Get WiMAX OFDMA Sounding Shift Value U.vi</p> <p>RSSMU Set WiMAX OFDMA Sounding Band Bitmap.vi, RSSMU Get WiMAX OFDMA Sounding Band Bitmap.vi</p> <p>- IEEE 802.16 WiMAX, updated functions</p> <p>RSSMU Set WiMAX OFDMA Space Time Coding Mode.vi, RSSMU Get WiMAX OFDMA Space Time Coding Mode.vi - added coding mode</p> <p>RSSMU Set WiMAX OFDMA Space Time Coding Antenna.vi, RSSMU Get WiMAX OFDMA Space Time Coding Antenna.vi - added antenna</p> <p>RSSMU Set WiMAX Filter Type.vi, RSSMU Get WiMAX Filter Type.vi - added new filter type</p> <p>RSSMU Config WiMAX Marker.vi, RSSMU Set WiMAX Marker Mode.vi, RSSMU Get WiMAX Marker Mode.vi - added new marker mode</p> <p>- DVB, updated functions</p> <p>RSSMU Config DVB Filter.vi, RSSMU Set DVB Filter Type.vi, RSSMU Get DVB Filter Type.vi - added new filter type</p> <p>RSSMU Config DVB Marker.vi, RSSMU Set DVB Marker Mode.vi, RSSMU Get DVB Marker Mode.vi - added new marker mode</p> <p>- DAB, updated functions</p> <p>RSSMU Config DAB Filter.vi, RSSMU Set DAB Filter Type.vi, RSSMU Get DAB Filter Type.vi - added new filter type</p> <p>RSSMU Config DAB Marker.vi, RSSMU Set DAB Marker Mode.vi, RSSMU Get DAB Marker Mode.vi - added new marker mode</p> <p>- Digital Modulation (Custom Digital Modulation), updated functions</p> <p>RSSMU Set DM Marker Mode.vi, RSSMU Get DM Marker Mode.vi - added new marker mode</p> <p>RSSMU conf DM Clock.vi, RSSMU Set DM Clock Source.vi, RSSMU Get DM Clock Source.vi - added new clock source</p> <p>- Arbitrary Waveform Modulation (ARB), updated functions</p> <p>RSSMU ARB Waveform Catalog.vi - bugfix</p> <p>RSSMU Set ARB Trigger Source.vi, RSSMU Get ARB Trigger Source.vi - added new trigger source</p> <p>RSSMU Set ARB Trigger Single Sequence Length.vi, RSSMU Get ARB Trigger Single Sequence Length.vi - bugfix</p> <p>RSSMU Set ARB Marker Channel Mode.vi, RSSMU Get ARB Marker Channel Mode.vi - added new marker mode</p> <p>RSSMU conf ARB Clock.vi, RSSMU Set ARB Clock Source.vi, RSSMU Get ARB Clock Source.vi -</p>

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Revision	Date	Note
		<p>added new clock source</p> <ul style="list-style-type: none"> <li>- GPS, new features and functions</li> <li>Receiver Location</li> <li>RSSMU GPS Create Waveform File.vi</li> <li>RSSMU Get GPS Next Handover Time.vi</li> <li>RSSMU Set GPS Marker Pulse Width.vi, RSSMU Get GPS Marker Pulse Width.vi</li> <li>RSSMU Set GPS Localization Satellite Elevation Mask.vi, RSSMU Get GPS Localization Satellite Elevation Mask.vi</li> <li>- GPS, updated functions</li> <li>RSSMU Config GPS Marker.vi, RSSMU Set GPS Marker Mode.vi, RSSMU Get GPS Marker Mode.vi</li> <li>- added new marker mode</li> <li>- Multicarrier CW (MCCW), updated functions</li> <li>RSSMU Set MCCW Marker Channel Mode.vi, RSSMU Get MCCW Marker Channel Mode.vi - added new marker mode</li> <li>RSSMU conf MCCW Clock.vi, RSSMU Set MCCW Clock Source.vi, RSSMU Get MCCW Clock Source.vi - added new clock source</li> <li>- XM-Radio, new functions</li> <li>RSSMU Set XMR Terrestrial Marker MCM Position.vi, RSSMU Get XMR Terrestrial Marker MCM Position.vi</li> <li>- XM-Radio, updated functions</li> <li>RSSMU Set XMR Satellite Marker Mode.vi, RSSMU Get XMR Satellite Marker Mode.vi - added new marker mode</li> <li>RSSMU Set XMR Terrestrial Marker Mode.vi, RSSMU Get XMR Terrestrial Marker Mode.vi - added new marker mode</li> <li>- EUTRA, new features and functions</li> <li>Downlink TDD Settings</li> <li>Downlink Cell Specific Settings</li> <li>Downlink Subframe Enhanced Settings</li> <li>Downlink Frame Configuration Channel Coding Configuration</li> <li>Downlink Frame Configuration Enhanced Channel Configuration</li> <li>Uplink Reference Signals</li> <li>Uplink PUSCH Structure</li> <li>Uplink PUCCH Structure</li> <li>Uplink PRACH Structure</li> <li>Uplink Frame Configuration User Equipment PUSCH Channel Coding and Multiplexing</li> <li>Uplink Frame Configuration User Equipment PRACH</li> <li>Uplink Frame Configuration Subframe Configuration Enhanced Settings</li> <li>Time Domain Windowing</li> <li>EUTRA LTE Filter</li> <li>RSSMU Set EUTRA DL Cyclic Prefix.vi, RSSMU Get EUTRA DL Cyclic Prefix.vi</li> <li>RSSMU Set EUTRA DL Physical Settings Mapped Resource Blocks.vi, RSSMU Get EUTRA DL Physical Settings Mapped Resource Blocks.vi</li> <li>RSSMU Set EUTRA DL MIMO Simulated Antenna A.vi, RSSMU Get EUTRA DL MIMO Simulated Antenna A.vi</li> <li>RSSMU Set EUTRA DL MIMO Simulated Antenna B.vi, RSSMU Get EUTRA DL MIMO Simulated</li> </ul>

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		<p>Antenna B.vi</p> <p>RSSMU Set EUTRA DL User Channel Coding State.vi, RSSMU Get EUTRA DL User Channel Coding State.vi</p> <p>RSSMU Configure EUTRA DL User Channel Coding.vi</p> <p>RSSMU Set EUTRA DL User UE ID.vi, RSSMU Get EUTRA DL User UE ID.vi</p> <p>RSSMU Set EUTRA DL Transport Block CRC.vi, RSSMU Get EUTRA DL Transport Block CRC.vi</p> <p>RSSMU Set EUTRA DL User Scrambling State.vi, RSSMU Get EUTRA DL User Scrambling State.vi</p> <p>RSSMU Configure EUTRA UL Reference Signals.vi</p> <p>RSSMU Configure EUTRA UL PUSCH Structure.vi</p> <p>RSSMU Configure EUTRA UL PUCCH Structure.vi</p> <p>RSSMU Set EUTRA UL Cell FFNC.vi, RSSMU Get EUTRA UL Cell FFNC.vi</p> <p>RSSMU Set EUTRA UL Cyclic Prefix.vi, RSSMU Get EUTRA UL Cyclic Prefix.vi</p> <p>RSSMU Set EUTRA UL Physical Settings Cell ID Group.vi, RSSMU Get EUTRA UL Physical Settings Cell ID Group.vi</p> <p>RSSMU Configure EUTRA UL UE PUSCH Channel Coding.vi</p> <p>RSSMU Set EUTRA UL UE Common Power.vi, RSSMU Get EUTRA UL UE Common Power.vi</p> <p>RSSMU Set EUTRA UL UE Common RNTI.vi, RSSMU Get EUTRA UL UE Common RNTI.vi</p> <p>RSSMU Set EUTRA UL UE PUSCH Scrambling State.vi, RSSMU Get EUTRA UL UE PUSCH Scrambling State.vi</p> <p>RSSMU Set EUTRA UL Subframe Format.vi, RSSMU Get EUTRA UL Subframe Format.vi</p> <p>RSSMU Set EUTRA UL Subframe Virtual Resource Blocks Offset.vi, RSSMU Get EUTRA UL Subframe Virtual Resource Blocks Offset.vi</p> <p>RSSMU Set EUTRA Filter Mode.vi, RSSMU Get EUTRA Filter Mode.vi</p> <p>RSSMU Set EUTRA Filter Parameter User.vi, RSSMU Get EUTRA Filter Parameter User.vi</p> <p>RSSMU Set EUTRA Marker Mode.vi, RSSMU Get EUTRA Marker Mode.vi</p> <p>- EUTRA, updated functions</p> <p>RSSMU Configure EUTRA DL User.vi - bugfix</p> <p>RSSMU Configure EUTRA DL Physical Settings.vi, RSSMU Set EUTRA DL Physical Settings Channel Bandwidth.vi, RSSMU Get EUTRA DL Physical Settings Channel Bandwidth.vi - added new channel bandwidth</p> <p>RSSMU Configure EUTRA UL Physical Settings.vi, RSSMU Set EUTRA UL Physical Settings Channel Bandwidth.vi, RSSMU Get EUTRA Uplink Physical Settings Channel Bandwidth.vi - added new channel bandwidth</p> <p>RSSMU Configure EUTRA UL UE Common Settings.vi - bugfix</p> <p>RSSMU Configure EUTRA UL UE PUSCH.vi - bugfix</p> <p>RSSMU Configure EUTRA Filter.vi, RSSMU Set EUTRA Filter Type.vi, RSSMU Get EUTRA Filter Type.vi - added new filter type</p> <p>- Fading, new features and functions</p> <p>High Speed Train Fading</p> <p>RSSMU Set FSIM Configuration.vi, RSSMU Get FSIM Configuration.vi</p> <p>RSSMU FSIM MIMO Save.vi</p> <p>RSSMU FSIM MIMO Load.vi</p> <p>RSSMU Set FSIM MIMO Subset.vi, RSSMU Get FSIM MIMO Subset.vi</p> <p>- Fading, updated functions</p>

History for LabVIEW		
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		<p>MIMO Kronecker functions - new Rx</p> <p>RSSMU Set FSIM Signal Routing.vi, RSSMU Get FSIM Signal Routing.vi - added new routings</p> <p>- IQ Impairments, new features and functions</p> <p>Optimization and fading power correction queries</p> <p>- IQ Output, new features and functions</p> <p>Auxiliary information</p> <p>- Global Trigger, Clock, External Inputs, updated functions</p> <p>RSSMU Set Output Connector User Mapping.vi, RSSMU Get Output Connector User Mapping.vi - added signal sources</p> <p>RSSMU Option Count.vi - bugfix</p>
2.10.1	01/2009	<p>- Fixed functions:</p> <p>- RSSMU Set WLAN MAC Address State.vi, RSSMU Get WLAN MAC Address State.vi - incorrect command</p> <p>- RSSMU Set WLAN MAC Address.vi - incorrect command</p> <p>- RSSMU Set Level Sweep Mode.vi - removed sweep execution for single sweep mode</p> <p>- Fixed *.lib file</p>
2.10	11/2008	<p>- Added features</p> <p><b>SMBV</b> support</p> <p>Mapping list support</p> <p>DM Synchronization</p> <p>DM Switching</p> <p>ARB Multi Carrier Waveform</p> <p>ARB Multisegment Waveform</p> <p>ARB Sine Testsignal</p> <p>ARB Synchronization</p> <p>Local Oscillator</p> <p>SMBV Pulse Modulation and Generator</p> <p>SMBV Phase Modulation</p> <p>NRP-Z View measurement (Power Measurement)</p> <p>Hard copy</p> <p>- Added VIs:</p> <p>RSSMU DM Control List Number of Lines.vi</p> <p>RSSMU DM Data List Number of Bits.vi</p> <p>RSSMU Set DM Filter Parameter Pure Gauss.vi, RSSMU Get DM Filter Parameter Pure Gauss.vi</p> <p>RSSMU DM Filter List Length.vi</p> <p>RSSMU DM Filter List Free Memory.vi</p> <p>RSSMU Set DM Trigger Signal Duration.vi, RSSMU Get DM Trigger Signal Duration.vi</p> <p>RSSMU DM Trigger Arm Execute.vi</p> <p>RSSMU Get DM Trigger Status.vi</p> <p>RSSMU Get ARB Trigger Status.vi</p> <p>RSSMU Set BBIN Phase Offset.vi, RSSMU Get BBIN Phase Offset.vi</p>

History for LabVIEW		
Revision	Date	Note
		<p>RSSMU Configure IMP Optimization.vi  RSSMU Set IMP Optimization Mode.vi, RSSMU Get IMP Optimization Mode.vi  RSSMU Set IMP Delay.vi, RSSMU Get IMP Delay.vi  RSSMU Get IQ Output Level Result.vi  RSSMU Set All Modulations State.vi  RSSMU Reset All Sweeps.vi  RSSMU Set ROSC RF Switch Off Active.vi, RSSMU Get ROSC RF Switch Off Active.vi  RSSMU User Correction Fill Data.vi  RSSMU Get User Correction Value.vi  RSSMU Set Level Sweep Shape.vi, RSSMU Get Level Sweep Shape.vi  RSSMU Set Frequency Sweep Shape.vi, RSSMU Get Frequency Sweep Shape.vi  RSSMU Set LF Output Shape.vi, RSSMU Get LF Output Shape.vi  RSSMU Get FM Sensitivity.vi  RSSMU Configure List Range.vi  RSSMU LIST Learn.vi  RSSMU Set LIST Start Index.vi, RSSMU Get LIST Start Index.vi  RSSMU Set LIST Stop Index.vi, RSSMU Get LIST Stop Index.vi  RSSMU Set Impedance Clock Control Input.vi, RSSMU Get Impedance Clock Control Input.vi  RSSMU Set Display Update.vi, RSSMU Get Display Update.vi  RSSMU SYSTEM Network Resource.vi</p> <p>- Removed functions:  RSSMU Set SYSTEM Identification.vi, RSSMU Get SYSTEM Identification.vi  RSSMU Set SYSTEM Network DNS Auto State.vi, RSSMU Get SYSTEM Network DNS Auto State.vi  RSSMU Set SYSTEM Network PTOPI.vi, RSSMU Get SYSTEM Network PTOPI.vi</p> <p>- Modified functions:  RSSMU Get IQ Output Optimize IQ Signals For RF Output.vi - getViBooleanPath used instead of getEnum  RSSMU Set DM Filter Type.vi, RSSMU Configure DM Filter.vi - New filter types  RSSMU Configure RF Freq.vi - SMBV issues</p>
2.9	09/2008	<p>Driver update for Firmware version 2.05.104.56 (FM stereo is not implemented)</p> <p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p><b>SMU options:</b>  B9, B10, B11, B13, B14, B15, B16, B17, B18, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p><b>SMATE options:</b>  B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62</p>

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Revision	Date	Note
		<p><b>SMJ options:</b>  B9, B10, B11, B13, B16, B18, B20, B50, B51, B103, B106,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K80</p> <p><b>AMU options:</b>  B9, B10, B11, B13, B14, B15, B16, B17, B18,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72,  K74, K80</p> <p>- Added  RSSMU Set GSM Force Dummy Bits to 1.vi, RSSMU Get GSM Force Dummy Bits to 1.vi  RSSMU Set W3GPP Enh PCPICH Pattern BS.vi, RSSMU Get W3GPP Enh PCPICH Pattern BS.vi  RSSMU Set W3GPP Enh HSDPA MIMO Stream 2 Active Pattern.vi, RSSMU Get W3GPP Enh HSDPA MIMO Stream 2 Active Pattern.vi  RSSMU Set W3GPP Enh HSDPA MIMO Modulation.vi, RSSMU Get W3GPP Enh HSDPA MIMO Modulation.vi  RSSMU Set W3GPP Enh HSDPA MIMO Constellation Version Parameter.vi, RSSMU Get W3GPP Enh HSDPA MIMO Constellation Version Parameter.vi  RSSMU Set WiMAX Use Baseband AB.vi, RSSMU Get WiMAX Use Baseband AB.vi  RSSMU Set WiMAX OFDMA Zone Boosting.vi, RSSMU Get WiMAX OFDMA Zone Boosting.vi  WiMAX OFDMA Zone Configuration for PDU  RSSMU Set WiMAX Data Dump State.vi, RSSMU Get WiMAX Data Dump State.vi  RSSMU Set WiMAX Data Dump Output Directory.vi, RSSMU Get WiMAX Data Dump Output Directory.vi  RSSMU Set GPS RF Band.vi, RSSMU Get GPS RF Band.vi  RSSMU Set GPS Filter.vi, RSSMU Get GPS Filter.vi  RSSMU Set GPS AGPS Test Scenario.vi, RSSMU Get GPS AGPS Test Scenario.vi  RSSMU Set GPS Use Baseband AB.vi, RSSMU Get GPS Use Baseband AB.vi  RSSMU Set GPS Localization Mode.vi, RSSMU Get GPS Localization Mode.vi  RSSMU Configure GPS Localization Data.vi  GPS Localization Data  RSSMU Set GPS Trigger Signal Duration Unit.vi, RSSMU Get GPS Trigger Signal Duration Unit.vi  RSSMU Get GPS Initial HDOP.vi  RSSMU Get GPS Initial PDOP.vi  RSSMU Set GPS Satellite Additional Time Shift.vi, RSSMU Get GPS Satellite Additional Time Shift.vi  RSSMU Set GPS Satellite Additional Power.vi, RSSMU Get GPS Satellite Additional Power.vi  RSSMU Set GPS Satellite Additional Doppler Shift.vi, RSSMU Get GPS Satellite Additional Doppler Shift.vi  RSSMU Set GPS Satellite Initial Carrier Phase.vi, RSSMU Get GPS Satellite Initial Carrier Phase.vi  GPS Navigation Message  GPS Assistance Data Generation (option K65)  RSSMU Get XMR Number Of Frames.vi  RSSMU Get EUTRA DL Physical Settings Left Guard Subcarriers.vi  RSSMU Get EUTRA DL Physical Settings Right Guard Subcarriers.vi  RSSMU Get EUTRA DL Physical Settings Occupied Bandwidth.vi</p>

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		<p>RSSMU Set EUTRA UL UE Reference SRS Details Resource Blocks.vi, RSSMU Get EUTRA UL UE Reference SRS Details Resource Blocks.vi</p> <p>RSSMU Set EUTRA UL UE Reference SRS Details Frequency Hopping Pattern.vi, RSSMU Get EUTRA UL UE Reference SRS Details Frequency Hopping Pattern.vi</p> <p>RSSMU Set EUTRA UL UE Reference SRS Details Frequency Spacing.vi, RSSMU Get EUTRA UL UE Reference SRS Details Frequency Spacing.vi</p> <p>RSSMU Set EUTRA UL UE Reference SRS Details Subcarrier Offset.vi, RSSMU Get EUTRA UL UE Reference SRS Details Subcarrier Offset.vi</p>
2.8.6	06/2008	<p>Modified</p> <p>RSSMU Configure ARB Trigger In.vi, RSSMU Set ARB Trigger Mode.vi - added Single</p> <p>RSSMU Set WiMAX OFDMA Ranging Subchannel Groups.vi - corrected command</p> <p>K51 checking added</p> <p>Removed option checking for path B for IQ Modulation</p> <p>Added option B206</p> <p>Added</p> <p>RSSMU Set ARB Trigger Single Sequence Length.vi, RSSMU Get ARB Trigger Single Sequence Length.vi</p> <p>RSSMU Set ARB Trigger Single Signal Duration Unit.vi, RSSMU Get ARB Trigger Single Signal Duration Unit.vi</p>
2.8.5	04/2008	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p><b>SMU options:</b></p> <p>B9, B10, B11, B13, B14, B15, B16, B17, B18, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203,</p> <p>K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p><b>SMATE options:</b></p> <p>B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206,</p> <p>K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62</p> <p><b>SMJ options:</b></p> <p>B9, B10, B11, B13, B16, B18, B20, B50, B51, B103, B106,</p> <p>K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K80</p> <p><b>AMU options:</b></p> <p>B9, B10, B11, B13, B14, B15, B16, B17, B18,</p> <p>K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p>Modifications:</p> <p>added</p> <p>1xEV-DO subclass (K47 option)</p> <p>DAB subclass (K53 option)</p> <p>RSSMU DM Filter List Catalog</p> <p>RSSMU DM Filter List Delete</p> <p>RSSMU DM Filter List Select</p>

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2.8.1	02/2008	<p>Modifications:</p> <p>Fixed rssmu.lib in installer. Please note that version of C code and DLL remains 2.8!</p>
2.8.0	02/2008	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p><b>SMU options:</b>  B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203,  K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p><b>SMATE options:</b>  B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206,  K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62</p> <p><b>SMJ options:</b>  B9, B10, B11, B13, B16, B20, B50, B51, B103, B106,  K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62, K80</p> <p><b>AMU options:</b>  B9, B10, B11, B13, B14, B15, B16, B17, B18,  K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p>Added  IEEE 802.11n /WLAN-N subclass (<b>K54</b>)  EUTRA/LTE subclass (<b>K55</b>)  XM-Radio subclass (<b>K56</b>)  Fading( <b>K72, K74</b>)  Rev 2.8, 02/2008, By Petr Kominek  - modified:  RSSMU Configure C2k Filter.vi  RSSMU Set C2k Filter Type.vi  RSSMU Get C2k Filter Type.vi  RSSMU Configure WLAN Filter.vi  RSSMU Set WLAN Filter Type.vi  RSSMU Get WLAN Filter Type.vi  RSSMU Configure DVB Filter.vi  RSSMU Set DVB Filter Type.vi  RSSMU Get DVB Filter Type.vi  RSSMU Set DM Filter Type.vi  RSSMU Get DM Filter Type.vi  - removed:  RSSMU Set W3GPP HSUPA FRC HARQ State UE.vi</p>

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		<p>RSSMU Get W3GPP HSUPA FRC HARQ State UE.vi</p> <p>- added:</p> <p>WLAN-N subclass (K54 option)</p> <p>    XM-Radio subclass (K56 option)</p> <p>    EUTRA subclass (K55 option)</p> <p>RSSMU ARB Tsignal Create.vi</p> <p>RSSMU Configure EUTRA Clipping.vi</p> <p>RSSMU Configure EUTRA Clock.vi</p> <p>RSSMU Configure EUTRA DL Dummy Data.vi</p> <p>RSSMU Configure EUTRA DL MIMO.vi</p> <p>RSSMU Configure EUTRA DL Physical Settings.vi</p> <p>RSSMU Configure EUTRA DL PSYNC.vi</p> <p>RSSMU Configure EUTRA DL Reference Signal Structure.vi</p> <p>RSSMU Configure EUTRA DL SSYNC.vi</p> <p>RSSMU Configure EUTRA DL Subframe.vi</p> <p>RSSMU Configure EUTRA DL User.vi</p> <p>RSSMU Configure EUTRA External Trigger.vi</p> <p>RSSMU Configure EUTRA Filter.vi</p> <p>RSSMU Configure EUTRA Internal (Baseband A B) Trigger.vi</p> <p>RSSMU Configure EUTRA Marker Delay.vi</p> <p>RSSMU Configure EUTRA UL Physical Settings.vi</p> <p>RSSMU Configure EUTRA UL UE Common Settings.vi</p> <p>RSSMU Configure EUTRA UL UE Demodulation Reference Signal CAZAC.vi</p> <p>RSSMU Configure EUTRA UL UE Demodulation Reference Signal.vi</p> <p>RSSMU Configure EUTRA UL UE PUSCH.vi</p> <p>RSSMU Configure EUTRA UL UE Sounding Reference Signal CAZAC.vi</p> <p>RSSMU Configure EUTRA UL UE Sounding Reference Signal Details.vi</p> <p>RSSMU Configure EUTRA UL UE Sounding Reference Signal.vi</p> <p>RSSMU Configure FSIM MIMO Kronecker.vi</p> <p>RSSMU Configure FSIM MIMO Matrix.vi</p> <p>RSSMU Configure WLANN Antennas Chain Mapping Cartesian.vi</p> <p>RSSMU Configure WLANN Antennas Chain Mapping Cylindrical.vi</p> <p>RSSMU Configure WLANN Clipping.vi</p> <p>RSSMU Configure WLANN Clock.vi</p> <p>RSSMU Configure WLANN External Trigger.vi</p> <p>RSSMU Configure WLANN Filter.vi</p> <p>RSSMU Configure WLANN Internal (Baseband A B) Trigger.vi</p> <p>RSSMU Configure WLANN MAC Frame Control Field.vi</p> <p>RSSMU Configure WLANN MAC Header.vi</p> <p>RSSMU Configure WLANN MAC Sequence Control.vi</p> <p>RSSMU Configure WLANN MAC.vi</p> <p>RSSMU Configure WLANN Marker Delay.vi</p>

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		RSSMU Get EUTRA DL Configurable Subframes.vi
		RSSMU Get EUTRA DL Dummy Data Dlist.vi
		RSSMU Get EUTRA DL Dummy Data Modulation.vi
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		RSSMU Get EUTRA DL Dummy Data Power.vi
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		RSSMU Get EUTRA DL Physical Settings Channel Bandwidth.vi
		RSSMU Get EUTRA DL Physical Settings FFT Size.vi
		RSSMU Get EUTRA DL Physical Settings Occupied Subcarriers.vi
		RSSMU Get EUTRA DL Physical Settings Resource Blocks.vi
		RSSMU Get EUTRA DL Physical Settings Sampling Rate.vi
		RSSMU Get EUTRA DL Reference First Reference Signal Position.vi
		RSSMU Get EUTRA DL Reference First Reference Symbol Power.vi
		RSSMU Get EUTRA DL Reference Orthogonal Sequence.vi
		RSSMU Get EUTRA DL Reference PRS Modulation Scheme.vi
		RSSMU Get EUTRA DL Reference Second Reference Symbol Power.vi
		RSSMU Get EUTRA DL Reference Shifting Sequence.vi
		RSSMU Get EUTRA DL Reference Subcarrier Offset.vi
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		RSSMU Get EUTRA DL Reference Use Second Symbols.vi
		RSSMU Get EUTRA DL Subframe Automatic Offset Calculation.vi
		RSSMU Get EUTRA DL Subframe Code Word.vi
		RSSMU Get EUTRA DL Subframe Conflict.vi
		RSSMU Get EUTRA DL Subframe Content Type.vi
		RSSMU Get EUTRA DL Subframe Cyclic Prefix.vi
		RSSMU Get EUTRA DL Subframe Data List.vi
		RSSMU Get EUTRA DL Subframe Data Pattern.vi
		RSSMU Get EUTRA DL Subframe Data Source.vi
		RSSMU Get EUTRA DL Subframe Modulation.vi
		RSSMU Get EUTRA DL Subframe Physical Bits.vi
		RSSMU Get EUTRA DL Subframe Power.vi
		RSSMU Get EUTRA DL Subframe Resource Blocks Offset.vi
		RSSMU Get EUTRA DL Subframe Resource Blocks.vi
		RSSMU Get EUTRA DL Subframe Selection.vi
		RSSMU Get EUTRA DL Subframe Symbol Count.vi
		RSSMU Get EUTRA DL Subframe Symbol Offset.vi
		RSSMU Get EUTRA DL Subframe Used Allocations.vi
		RSSMU Get EUTRA DL Synchronization First Slot.vi
		RSSMU Get EUTRA DL Synchronization PSYNC Modulation Scheme.vi
		RSSMU Get EUTRA DL Synchronization PSYNC Power.vi

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		RSSMU Get EUTRA DL Synchronization PSYNC Sequence.vi RSSMU Get EUTRA DL Synchronization Repetition Period.vi RSSMU Get EUTRA DL Synchronization SSYNC Modulation Scheme.vi RSSMU Get EUTRA DL Synchronization SSYNC Power.vi RSSMU Get EUTRA DL Synchronization SSYNC Sequence.vi RSSMU Get EUTRA DL Unscheduled RBs.vi RSSMU Get EUTRA DL User Channel Coding.vi RSSMU Get EUTRA DL User Data List.vi RSSMU Get EUTRA DL User Data Pattern.vi RSSMU Get EUTRA DL User Data Source.vi RSSMU Get EUTRA Duplexing.vi RSSMU Get EUTRA External Trigger Delay.vi RSSMU Get EUTRA External Trigger Inhibit.vi RSSMU Get EUTRA Filter Impulse Length State.vi RSSMU Get EUTRA Filter Impulse Length.vi RSSMU Get EUTRA Filter Low Pass.vi RSSMU Get EUTRA Filter Parameter APCO25.vi RSSMU Get EUTRA Filter Parameter Cosine.vi RSSMU Get EUTRA Filter Parameter Gauss FSK.vi RSSMU Get EUTRA Filter Parameter Gauss Pure.vi RSSMU Get EUTRA Filter Parameter Root Cosine.vi RSSMU Get EUTRA Filter Parameter Split Phase.vi RSSMU Get EUTRA Filter Type.vi RSSMU Get EUTRA Filter Upsampling Factor State.vi RSSMU Get EUTRA Filter Upsampling Factor.vi RSSMU Get EUTRA Fix Marker Delay To Current Range.vi RSSMU Get EUTRA Internal (Baseband A B) Trigger Delay.vi RSSMU Get EUTRA Internal (Baseband A B) Trigger Inhibit.vi RSSMU Get EUTRA Link Direction.vi RSSMU Get EUTRA Marker Delay.vi RSSMU Get EUTRA Marker Fall Offset.vi RSSMU Get EUTRA Marker Mode.vi RSSMU Get EUTRA Marker OFF Time.vi RSSMU Get EUTRA Marker ON Time.vi RSSMU Get EUTRA Marker Period.vi RSSMU Get EUTRA Marker Rise Offset.vi RSSMU Get EUTRA Sample Rate Variation.vi RSSMU Get EUTRA Sequence Length.vi RSSMU Get EUTRA State.vi RSSMU Get EUTRA Trigger Mode.vi RSSMU Get EUTRA Trigger Signal Duration Unit.vi RSSMU Get EUTRA Trigger Signal Duration.vi

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		RSSMU Get EUTRA Trigger Source.vi
		RSSMU Get EUTRA UL Configurable Subframes.vi
		RSSMU Get EUTRA UL Physical Settings Channel Bandwidth.vi
		RSSMU Get EUTRA UL Physical Settings FFT Size.vi
		RSSMU Get EUTRA UL Physical Settings Left Guard Subcarriers.vi
		RSSMU Get EUTRA UL Physical Settings Occupied Bandwidth.vi
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		RSSMU Get EUTRA UL UE PUSCH Data Dlist.vi
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		RSSMU Get EUTRA UL UE PUSCH Data Source.vi
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		RSSMU Get EUTRA UL UE Reference DRS CAZAC Parameter Alpha.vi
		RSSMU Get EUTRA UL UE Reference DRS CAZAC Parameter q.vi
		RSSMU Get EUTRA UL UE Reference DRS CAZAC Parameter u.vi
		RSSMU Get EUTRA UL UE Reference DRS Definition.vi
		RSSMU Get EUTRA UL UE Reference DRS Demodulation Sequence.vi
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		RSSMU Get EUTRA UL UE Reference DRS Power Offset.vi
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		RSSMU Get EUTRA UL UE Reference SRS CAZAC Parameter q.vi
		RSSMU Get EUTRA UL UE Reference SRS CAZAC Parameter u.vi
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		RSSMU Get EUTRA UL UE Reference SRS Details Frequency Spacing.vi

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		RSSMU Get EUTRA UL UE Reference SRS Details Resource Blocks.vi
		RSSMU Get EUTRA UL UE Reference SRS Details Subcarrier Offset.vi
		RSSMU Get EUTRA UL UE Reference SRS Details Symbol In Subframe.vi
		RSSMU Get EUTRA UL UE Reference SRS DFT Precoding.vi
		RSSMU Get EUTRA UL UE Reference SRS Power Offset.vi
		RSSMU Get EUTRA UL UE Reference SRS Sequence.vi
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		RSSMU Get FSIM Global Seed.vi
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		RSSMU Get XMR Satellite Filter Parameter Root Cosine.vi
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		RSSMU Get XMR Satellite Filter Symbol Rate Variation.vi
		RSSMU Get XMR Satellite Filter Type.vi
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History for LabVIEW		
Revision	Date	Note
		RSSMU Get XMR Satellite Internal (Baseband A B) Trigger Delay.vi RSSMU Get XMR Satellite Internal (Baseband A B) Trigger Inhibit.vi RSSMU Get XMR Satellite Marker Delay.vi RSSMU Get XMR Satellite Marker Mode.vi RSSMU Get XMR Satellite Marker OFF Time.vi RSSMU Get XMR Satellite Marker ON Time.vi RSSMU Get XMR Satellite Marker Pattern.vi RSSMU Get XMR Satellite Marker Period.vi RSSMU Get XMR Satellite Marker Pulse Divi RSSMU Get XMR Satellite Marker Pulse Frequency.vi RSSMU Get XMR Satellite Signal Duration.vi RSSMU Get XMR Satellite Trigger Mode.vi RSSMU Get XMR Satellite Trigger Source.vi RSSMU Get XMR State.vi RSSMU Get XMR Terrestrial Clock Mode (External).vi RSSMU Get XMR Terrestrial Clock Multiplier (External).vi RSSMU Get XMR Terrestrial Clock Source.vi RSSMU Get XMR Terrestrial Compliant Filter.vi RSSMU Get XMR Terrestrial Delay.vi RSSMU Get XMR Terrestrial External Trigger Delay.vi RSSMU Get XMR Terrestrial External Trigger Inhibit.vi RSSMU Get XMR Terrestrial Filter Cosine Cut off Frequency Shift.vi RSSMU Get XMR Terrestrial Filter Parameter APCO25.vi RSSMU Get XMR Terrestrial Filter Parameter Cosine.vi RSSMU Get XMR Terrestrial Filter Parameter Gauss.vi RSSMU Get XMR Terrestrial Filter Parameter Low Pass.vi RSSMU Get XMR Terrestrial Filter Parameter Pure Gauss.vi RSSMU Get XMR Terrestrial Filter Parameter Root Cosine.vi RSSMU Get XMR Terrestrial Filter Parameter Split Phase.vi RSSMU Get XMR Terrestrial Filter Symbol Rate Variation.vi RSSMU Get XMR Terrestrial Filter Type.vi RSSMU Get XMR Terrestrial Fix Marker Delay To Current Range.vi RSSMU Get XMR Terrestrial Internal (Baseband A B) Trigger Delay.vi RSSMU Get XMR Terrestrial Internal (Baseband A B) Trigger Inhibit.vi RSSMU Get XMR Terrestrial Level AMSS.vi RSSMU Get XMR Terrestrial Level MCM.vi RSSMU Get XMR Terrestrial Marker Delay.vi RSSMU Get XMR Terrestrial Marker Mode.vi RSSMU Get XMR Terrestrial Marker OFF Time.vi RSSMU Get XMR Terrestrial Marker ON Time.vi RSSMU Get XMR Terrestrial Marker Pattern.vi RSSMU Get XMR Terrestrial Marker Period.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Get XMR Terrestrial Marker Pulse Divi RSSMU Get XMR Terrestrial Marker Pulse Frequency.vi RSSMU Get XMR Terrestrial Signal Duration.vi RSSMU Get XMR Terrestrial Trigger Mode.vi RSSMU Get XMR Terrestrial Trigger Signal Duration Unit.vi RSSMU Get XMR Terrestrial Trigger Source.vi RSSMU Get XMR Version.vi RSSMU Option Count.vi RSSMU Set ARB Extended Trigger Mode.vi RSSMU Set ARB Tsignal Name.vi RSSMU Set C2k Filter Parameter Low Pass.vi RSSMU Set DM Filter Low Pass.vi RSSMU Set DVB Filter Parameter Low Pass.vi RSSMU Set EUTRA Clipping Level.vi RSSMU Set EUTRA Clipping Mode.vi RSSMU Set EUTRA Clipping State.vi RSSMU Set EUTRA Clock Mode (External).vi RSSMU Set EUTRA Clock Multiplier (External).vi RSSMU Set EUTRA Clock Source.vi RSSMU Set EUTRA Cut Off Frequency Shift.vi RSSMU Set EUTRA DL Configurable Subframes.vi RSSMU Set EUTRA DL Dummy Data Dlist.vi RSSMU Set EUTRA DL Dummy Data Modulation.vi RSSMU Set EUTRA DL Dummy Data Pattern.vi RSSMU Set EUTRA DL Dummy Data Power.vi RSSMU Set EUTRA DL Dummy Data Source.vi RSSMU Set EUTRA DL MIMO Global Configuration.vi RSSMU Set EUTRA DL MIMO Simulated Antenna.vi RSSMU Set EUTRA DL Physical Settings Channel Bandwidth.vi RSSMU Set EUTRA DL Physical Settings Resource Blocks.vi RSSMU Set EUTRA DL Reference First Reference Symbol Power.vi RSSMU Set EUTRA DL Reference Orthogonal Sequence.vi RSSMU Set EUTRA DL Reference PRS Modulation Scheme.vi RSSMU Set EUTRA DL Reference Second Reference Symbol Power.vi RSSMU Set EUTRA DL Reference Shifting Sequence.vi RSSMU Set EUTRA DL Reference Symbol Sequence.vi RSSMU Set EUTRA DL Subframe Automatic Offset Calculation.vi RSSMU Set EUTRA DL Subframe Code Word.vi RSSMU Set EUTRA DL Subframe Content Type.vi RSSMU Set EUTRA DL Subframe Cyclic Prefix.vi RSSMU Set EUTRA DL Subframe Data List.vi RSSMU Set EUTRA DL Subframe Data Pattern.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set EUTRA DL Subframe Data Source.vi RSSMU Set EUTRA DL Subframe Modulation.vi RSSMU Set EUTRA DL Subframe Power.vi RSSMU Set EUTRA DL Subframe Resource Blocks Offset.vi RSSMU Set EUTRA DL Subframe Resource Blocks.vi RSSMU Set EUTRA DL Subframe Selection.vi RSSMU Set EUTRA DL Subframe Symbol Count.vi RSSMU Set EUTRA DL Subframe Symbol Offset.vi RSSMU Set EUTRA DL Subframe Used Allocations.vi RSSMU Set EUTRA DL Synchronization First Slot.vi RSSMU Set EUTRA DL Synchronization PSYNC Modulation Scheme.vi RSSMU Set EUTRA DL Synchronization PSYNC Power.vi RSSMU Set EUTRA DL Synchronization PSYNC Sequence.vi RSSMU Set EUTRA DL Synchronization Repetition Period.vi RSSMU Set EUTRA DL Synchronization SSYNC Modulation Scheme.vi RSSMU Set EUTRA DL Synchronization SSYNC Power.vi RSSMU Set EUTRA DL Synchronization SSYNC Sequence.vi RSSMU Set EUTRA DL Unscheduled RBs.vi RSSMU Set EUTRA DL User Channel Coding.vi RSSMU Set EUTRA DL User Data List.vi RSSMU Set EUTRA DL User Data Pattern.vi RSSMU Set EUTRA DL User Data Source.vi RSSMU Set EUTRA Duplexing.vi RSSMU Set EUTRA External Trigger Delay.vi RSSMU Set EUTRA External Trigger Inhibit.vi RSSMU Set EUTRA Filter Impulse Length State.vi RSSMU Set EUTRA Filter Impulse Length.vi RSSMU Set EUTRA Filter Low Pass.vi RSSMU Set EUTRA Filter Parameter APCO25.vi RSSMU Set EUTRA Filter Parameter Cosine.vi RSSMU Set EUTRA Filter Parameter Gauss FSK.vi RSSMU Set EUTRA Filter Parameter Gauss Pure.vi RSSMU Set EUTRA Filter Parameter Root Cosine.vi RSSMU Set EUTRA Filter Parameter Split Phase.vi RSSMU Set EUTRA Filter Type.vi RSSMU Set EUTRA Filter Upsampling Factor State.vi RSSMU Set EUTRA Filter Upsampling Factor.vi RSSMU Set EUTRA Fix Marker Delay To Current Range.vi RSSMU Set EUTRA Internal (Baseband A B) Trigger Delay.vi RSSMU Set EUTRA Internal (Baseband A B) Trigger Inhibit.vi RSSMU Set EUTRA Link Direction.vi RSSMU Set EUTRA Marker Delay.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set EUTRA Marker Fall Offset.vi
		RSSMU Set EUTRA Marker Mode.vi
		RSSMU Set EUTRA Marker OFF Time.vi
		RSSMU Set EUTRA Marker ON Time.vi
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		RSSMU Set EUTRA Sample Rate Variation.vi
		RSSMU Set EUTRA Sequence Length.vi
		RSSMU Set EUTRA State.vi
		RSSMU Set EUTRA Trigger Mode.vi
		RSSMU Set EUTRA Trigger Signal Duration Unit.vi
		RSSMU Set EUTRA Trigger Signal Duration.vi
		RSSMU Set EUTRA Trigger Source.vi
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		RSSMU Set EUTRA UL Physical Settings Channel Bandwidth.vi
		RSSMU Set EUTRA UL Physical Settings Resource Blocks.vi
		RSSMU Set EUTRA UL Subframe Content Type.vi
		RSSMU Set EUTRA UL Subframe Cyclic Prefix.vi
		RSSMU Set EUTRA UL Subframe Modulation.vi
		RSSMU Set EUTRA UL Subframe Power.vi
		RSSMU Set EUTRA UL Subframe Resource Blocks Offset.vi
		RSSMU Set EUTRA UL Subframe Resource Blocks.vi
		RSSMU Set EUTRA UL Subframe Selection.vi
		RSSMU Set EUTRA UL Subframe State.vi
		RSSMU Set EUTRA UL Subframe UE.vi
		RSSMU Set EUTRA UL UE Common Mode.vi
		RSSMU Set EUTRA UL UE Common State.vi
		RSSMU Set EUTRA UL UE PUSCH Data Dlist.vi
		RSSMU Set EUTRA UL UE PUSCH Data Pattern.vi
		RSSMU Set EUTRA UL UE PUSCH Data Source.vi
		RSSMU Set EUTRA UL UE Reference DRS CAZAC Mode.vi
		RSSMU Set EUTRA UL UE Reference DRS CAZAC Parameter Alpha.vi
		RSSMU Set EUTRA UL UE Reference DRS CAZAC Parameter q.vi
		RSSMU Set EUTRA UL UE Reference DRS CAZAC Parameter u.vi
		RSSMU Set EUTRA UL UE Reference DRS Definition.vi
		RSSMU Set EUTRA UL UE Reference DRS Demodulation Sequence.vi
		RSSMU Set EUTRA UL UE Reference DRS DFT Precoding.vi
		RSSMU Set EUTRA UL UE Reference DRS Power Offset.vi
		RSSMU Set EUTRA UL UE Reference DRS Sequence.vi
		RSSMU Set EUTRA UL UE Reference SRS CAZAC Mode.vi
		RSSMU Set EUTRA UL UE Reference SRS CAZAC Parameter Alpha.vi
		RSSMU Set EUTRA UL UE Reference SRS CAZAC Parameter q.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set EUTRA UL UE Reference SRS CAZAC Parameter u.vi RSSMU Set EUTRA UL UE Reference SRS Definition.vi RSSMU Set EUTRA UL UE Reference SRS Details Frequency Hopping Pattern.vi RSSMU Set EUTRA UL UE Reference SRS Details Frequency Spacing.vi RSSMU Set EUTRA UL UE Reference SRS Details Resource Blocks.vi RSSMU Set EUTRA UL UE Reference SRS Details Subcarrier Offset.vi RSSMU Set EUTRA UL UE Reference SRS Details Symbol In Subframe.vi RSSMU Set EUTRA UL UE Reference SRS DFT Precoding.vi RSSMU Set EUTRA UL UE Reference SRS Power Offset.vi RSSMU Set EUTRA UL UE Reference SRS Sequence.vi RSSMU Set EUTRA UL UE Reference SRS Sounding Sequence.vi RSSMU Set FSIM Global Seed.vi RSSMU Set FSIM Keep Constant.vi RSSMU Set FSIM MIMO Kronecker Correlation Rx Imaginary.vi RSSMU Set FSIM MIMO Kronecker Correlation Rx Phase.vi RSSMU Set FSIM MIMO Kronecker Correlation Rx Ratio.vi RSSMU Set FSIM MIMO Kronecker Correlation Rx Real.vi RSSMU Set FSIM MIMO Kronecker Correlation Tx Imaginary.vi RSSMU Set FSIM MIMO Kronecker Correlation Tx Phase.vi RSSMU Set FSIM MIMO Kronecker Correlation Tx Ratio.vi RSSMU Set FSIM MIMO Kronecker Correlation Tx Real.vi RSSMU Set FSIM MIMO Matrix Mode.vi RSSMU Set FSIM MIMO Matrix Phase.vi RSSMU Set FSIM MIMO Matrix Ratio.vi RSSMU Set FSIM TCI Dopler Frequency Ratio.vi RSSMU Set TDSCDMA Filter Parameter Low Pass.vi RSSMU Set WiMAX OFDMA Dedicated Pilots.vi RSSMU Set WiMAX OFDMA DL-MAP Allocation Start Time Base.vi RSSMU Set WiMAX OFDMA DL-MAP Allocation Start Time.vi RSSMU Set WiMAX OFDMA DL-MAP Append Compressed UL-Map.vi RSSMU Set WiMAX OFDMA DL-MAP Compressed Map.vi RSSMU Set WiMAX OFDMA DL-MAP DCD CID.vi RSSMU Set WiMAX OFDMA DL-MAP Include CID Switch.vi RSSMU Set WiMAX OFDMA DL-MAP UL-Map File.vi RSSMU Set WiMAX OFDMA Fast Feedback Mode.vi RSSMU Set WiMAX OFDMA Fast Feedback Subchannels.vi RSSMU Set WiMAX OFDMA Fast Feedback Symbols.vi RSSMU Set WiMAX OFDMA Pilot Pattern.vi RSSMU Set WiMAX OFDMA Predefined Frame.vi RSSMU Set WiMAX OFDMA Sounding CID.vi RSSMU Set WiMAX OFDMA Sounding Cyclic Shift Index.vi RSSMU Set WiMAX OFDMA Sounding Decimation Offset Randomization.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set WiMAX OFDMA Sounding Decimation Offset.vi RSSMU Set WiMAX OFDMA Sounding Decimation Value.vi RSSMU Set WiMAX OFDMA Sounding DL PermBase.vi RSSMU Set WiMAX OFDMA Sounding Frequency Bands.vi RSSMU Set WiMAX OFDMA Sounding Max Cyclic Shift Index.vi RSSMU Set WiMAX OFDMA Sounding Periodicity.vi RSSMU Set WiMAX OFDMA Sounding Power Boost.vi RSSMU Set WiMAX OFDMA Sounding Relevance Flag.vi RSSMU Set WiMAX OFDMA Sounding Relevance State.vi RSSMU Set WiMAX OFDMA Sounding Relevance.vi RSSMU Set WiMAX OFDMA Sounding Separability Type.vi RSSMU Set WiMAX OFDMA Sounding Start Frequency Band.vi RSSMU Set WiMAX OFDMA Sounding Subchannel Offset.vi RSSMU Set WiMAX OFDMA Sounding Subchannels.vi RSSMU Set WiMAX OFDMA Sounding Symbol.vi RSSMU Set WiMAX OFDMA Sounding Total Number Of Cids.vi RSSMU Set WiMAX OFDMA Sounding Type.vi RSSMU Set WiMAX OFDMA Subchannel Rotation.vi RSSMU Set WiMAX OFDMA UCD Ranging Backoff End.vi RSSMU Set WiMAX OFDMA UCD Ranging Backoff Start.vi RSSMU Set WiMAX OFDMA UCD Request Backoff End.vi RSSMU Set WiMAX OFDMA UCD Request Backoff Start.vi RSSMU Set WiMAX OFDMA Umap DCD CID.vi RSSMU Set WiMAX OFDMA Umap Ranging Backoff End.vi RSSMU Set WiMAX OFDMA Umap Ranging Backoff Start.vi RSSMU Set WiMAX OFDMA Umap Request Backoff End.vi RSSMU Set WiMAX OFDMA Umap Request Backoff Start.vi RSSMU Set WiMAX OFDMA Umap UCD CID.vi RSSMU Set WiMAX Version.vi RSSMU Set WLAN Filter Parameter Low Pass.vi RSSMU Set WLANN Antennas Chain Mapping Cartesian Imaginary.vi RSSMU Set WLANN Antennas Chain Mapping Cartesian Real.vi RSSMU Set WLANN Antennas Chain Mapping Cylindrical Magnitude.vi RSSMU Set WLANN Antennas Chain Mapping Cylindrical Phase.vi RSSMU Set WLANN Antennas Chain Mapping File.vi RSSMU Set WLANN Antennas Chain Mapping Output.vi RSSMU Set WLANN Antennas Mapping Coordinates.vi RSSMU Set WLANN Antennas.vi RSSMU Set WLANN Clipping Level.vi RSSMU Set WLANN Clipping Mode.vi RSSMU Set WLANN Clipping State.vi RSSMU Set WLANN Clock Mode (External).vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set WLANN Clock Multiplier (External).vi RSSMU Set WLANN Clock Source.vi RSSMU Set WLANN Cut Off Frequency Shift.vi RSSMU Set WLANN External Trigger Delay.vi RSSMU Set WLANN External Trigger Inhibit.vi RSSMU Set WLANN Filter Impulse Length State.vi RSSMU Set WLANN Filter Impulse Length.vi RSSMU Set WLANN Filter Parameter APCO25.vi RSSMU Set WLANN Filter Parameter Cosine.vi RSSMU Set WLANN Filter Parameter Gauss FSK.vi RSSMU Set WLANN Filter Parameter Gauss Pure.vi RSSMU Set WLANN Filter Parameter Low Pass.vi RSSMU Set WLANN Filter Parameter Root Cosine.vi RSSMU Set WLANN Filter Parameter Split Phase.vi RSSMU Set WLANN Filter Type.vi RSSMU Set WLANN Filter Upsampling Factor State.vi RSSMU Set WLANN Filter Upsampling Factor.vi RSSMU Set WLANN Fix Marker Delay To Current Range.vi RSSMU Set WLANN Frame Block Data List.vi RSSMU Set WLANN Frame Block Data.vi RSSMU Set WLANN Frame Block Frames.vi RSSMU Set WLANN Frame Block Idle Time.vi RSSMU Set WLANN Frame Block Pattern.vi RSSMU Set WLANN Frame Block Physical Mode.vi RSSMU Set WLANN Frame Block State.vi RSSMU Set WLANN Frame Block Tx Mode.vi RSSMU Set WLANN Frame Block Type.vi RSSMU Set WLANN Internal (Baseband A B) Trigger Delay.vi RSSMU Set WLANN Internal (Baseband A B) Trigger Inhibit.vi RSSMU Set WLANN Marker Delay.vi RSSMU Set WLANN Marker Frame Block Index.vi RSSMU Set WLANN Marker Frame Index.vi RSSMU Set WLANN Marker Mode.vi RSSMU Set WLANN Marker OFF Time.vi RSSMU Set WLANN Marker ON Time.vi RSSMU Set WLANN Marker Pattern.vi RSSMU Set WLANN Marker Pulse Divi RSSMU Set WLANN PPDU Data Channel Coding.vi RSSMU Set WLANN PPDU Data Coding Rate.vi RSSMU Set WLANN PPDU Data Guard.vi RSSMU Set WLANN PPDU Data Interleaver Active.vi RSSMU Set WLANN PPDU Data Length.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set WLANN PPDU Data Number Of Data Symbols.vi
		RSSMU Set WLANN PPDU Data Preamble Header Active.vi
		RSSMU Set WLANN PPDU Data Scrambler Init.vi
		RSSMU Set WLANN PPDU Data Scrambler.vi
		RSSMU Set WLANN PPDU Data Servi
		RSSMU Set WLANN PPDU Data Time Domain Windowing Active.vi
		RSSMU Set WLANN PPDU Data Transition Time.vi
		RSSMU Set WLANN PPDU MAC Address.vi
		RSSMU Set WLANN PPDU MAC Duration ID.vi
		RSSMU Set WLANN PPDU MAC FCS State.vi
		RSSMU Set WLANN PPDU MAC Frame Control From DS.vi
		RSSMU Set WLANN PPDU MAC Frame Control More Data.vi
		RSSMU Set WLANN PPDU MAC Frame Control More Frag.vi
		RSSMU Set WLANN PPDU MAC Frame Control Order.vi
		RSSMU Set WLANN PPDU MAC Frame Control Power Management.vi
		RSSMU Set WLANN PPDU MAC Frame Control Protocol Version.vi
		RSSMU Set WLANN PPDU MAC Frame Control Retry.vi
		RSSMU Set WLANN PPDU MAC Frame Control Subtype.vi
		RSSMU Set WLANN PPDU MAC Frame Control To DS.vi
		RSSMU Set WLANN PPDU MAC Frame Control Type.vi
		RSSMU Set WLANN PPDU MAC Frame Control Wep.vi
		RSSMU Set WLANN PPDU MAC Frame Control.vi
		RSSMU Set WLANN PPDU MAC Header State.vi
		RSSMU Set WLANN PPDU MAC HT AC Constraint.vi
		RSSMU Set WLANN PPDU MAC HT Calibration Position.vi
		RSSMU Set WLANN PPDU MAC HT Calibration Sequence.vi
		RSSMU Set WLANN PPDU MAC HT Control State.vi
		RSSMU Set WLANN PPDU MAC HT Control.vi
		RSSMU Set WLANN PPDU MAC HT CSI Steering.vi
		RSSMU Set WLANN PPDU MAC HT Feedback Request.vi
		RSSMU Set WLANN PPDU MAC HT Link Adaptation Control.vi
		RSSMU Set WLANN PPDU MAC HT RDG More.vi
		RSSMU Set WLANN PPDU MAC HT Reserved.vi
		RSSMU Set WLANN PPDU MAC HT ZLF Announcement.vi
		RSSMU Set WLANN PPDU MAC QoS Control State.vi
		RSSMU Set WLANN PPDU MAC QoS Control.vi
		RSSMU Set WLANN PPDU MAC Sequence Control Frag Increment.vi
		RSSMU Set WLANN PPDU MAC Sequence Control Frag Start.vi
		RSSMU Set WLANN PPDU MAC Sequence Control Seq Increment.vi
		RSSMU Set WLANN PPDU MAC Sequence Control Seq Start.vi
		RSSMU Set WLANN PPDU MAC Sequence Control State.vi
		RSSMU Set WLANN PPDU Spatial Mapping Beamforming File Selection.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set WLANN PDU Spatial Mapping Index.vi RSSMU Set WLANN PDU Spatial Mapping Mode.vi RSSMU Set WLANN PDU Spatial Mapping Time Shift.vi RSSMU Set WLANN PDU Spatial Stream Modulation.vi RSSMU Set WLANN PDU Stream Extended Spatial Streams.vi RSSMU Set WLANN PDU Stream Space Time Streams.vi RSSMU Set WLANN PDU Stream Spatial Streams.vi RSSMU Set WLANN Sample Rate Variation.vi RSSMU Set WLANN State.vi RSSMU Set WLANN Transmission Bandwidth.vi RSSMU Set WLANN Trigger Mode.vi RSSMU Set WLANN Trigger Signal Duration Unit.vi RSSMU Set WLANN Trigger Signal Duration.vi RSSMU Set WLANN Trigger Source.vi RSSMU Set XMR Data Source Data List.vi RSSMU Set XMR Data Source Pattern.vi RSSMU Set XMR Data Source.vi RSSMU Set XMR Physical Layer Mode.vi RSSMU Set XMR Satellite Clock Mode (External).vi RSSMU Set XMR Satellite Clock Multiplier (External).vi RSSMU Set XMR Satellite Clock Source.vi RSSMU Set XMR Satellite Delay.vi RSSMU Set XMR Satellite External Trigger Delay.vi RSSMU Set XMR Satellite External Trigger Inhibit.vi RSSMU Set XMR Satellite Filter Parameter APCO25.vi RSSMU Set XMR Satellite Filter Parameter Cosine.vi RSSMU Set XMR Satellite Filter Parameter Gauss.vi RSSMU Set XMR Satellite Filter Parameter Low Pass.vi RSSMU Set XMR Satellite Filter Parameter Pure Gauss.vi RSSMU Set XMR Satellite Filter Parameter Root Cosine.vi RSSMU Set XMR Satellite Filter Parameter Split Phase.vi RSSMU Set XMR Satellite Filter Symbol Rate Variation.vi RSSMU Set XMR Satellite Filter Type.vi RSSMU Set XMR Satellite Fix Marker Delay To Current Range.vi RSSMU Set XMR Satellite Internal (Baseband A B) Trigger Delay.vi RSSMU Set XMR Satellite Internal (Baseband A B) Trigger Inhibit.vi RSSMU Set XMR Satellite Marker Delay.vi RSSMU Set XMR Satellite Marker Mode.vi RSSMU Set XMR Satellite Marker OFF Time.vi RSSMU Set XMR Satellite Marker ON Time.vi RSSMU Set XMR Satellite Marker Pattern.vi RSSMU Set XMR Satellite Marker Period.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU Set XMR Satellite Marker Pulse Divi RSSMU Set XMR Satellite Signal Duration.vi RSSMU Set XMR Satellite Trigger Mode.vi RSSMU Set XMR Satellite Trigger Source.vi RSSMU Set XMR State.vi RSSMU Set XMR Terrestrial Clock Mode (External).vi RSSMU Set XMR Terrestrial Clock Multiplier (External).vi RSSMU Set XMR Terrestrial Clock Source.vi RSSMU Set XMR Terrestrial Compliant Filter.vi RSSMU Set XMR Terrestrial Delay.vi RSSMU Set XMR Terrestrial External Trigger Delay.vi RSSMU Set XMR Terrestrial External Trigger Inhibit.vi RSSMU Set XMR Terrestrial Filter Cosine Cut off Frequency Shift.vi RSSMU Set XMR Terrestrial Filter Parameter APCO25.vi RSSMU Set XMR Terrestrial Filter Parameter Cosine.vi RSSMU Set XMR Terrestrial Filter Parameter Gauss.vi RSSMU Set XMR Terrestrial Filter Parameter Low Pass.vi RSSMU Set XMR Terrestrial Filter Parameter Pure Gauss.vi RSSMU Set XMR Terrestrial Filter Parameter Root Cosine.vi RSSMU Set XMR Terrestrial Filter Parameter Split Phase.vi RSSMU Set XMR Terrestrial Filter Type.vi RSSMU Set XMR Terrestrial Fix Marker Delay To Current Range.vi RSSMU Set XMR Terrestrial Internal (Baseband A B) Trigger Delay.vi RSSMU Set XMR Terrestrial Internal (Baseband A B) Trigger Inhibit.vi RSSMU Set XMR Terrestrial Level AMSS.vi RSSMU Set XMR Terrestrial Level MCM.vi RSSMU Set XMR Terrestrial Marker Delay.vi RSSMU Set XMR Terrestrial Marker Mode.vi RSSMU Set XMR Terrestrial Marker OFF Time.vi RSSMU Set XMR Terrestrial Marker ON Time.vi RSSMU Set XMR Terrestrial Marker Pattern.vi RSSMU Set XMR Terrestrial Marker Period.vi RSSMU Set XMR Terrestrial Marker Pulse Divi RSSMU Set XMR Terrestrial Signal Duration.vi RSSMU Set XMR Terrestrial Trigger Mode.vi RSSMU Set XMR Terrestrial Trigger Signal Duration Unit.vi RSSMU Set XMR Terrestrial Trigger Source.vi RSSMU Start Write Huge File To Instrument.vi RSSMU WLANN Delete Settings.vi RSSMU WLANN Fixed Marker Delay Maximum.vi RSSMU WLANN Fixed Marker Delay Minimum.vi RSSMU WLANN Frame Block Edit.vi

History for LabVIEW		
Revision	Date	Note
		RSSMU WLANN Generate Waveform File.vi RSSMU WLANN Recall Settings.vi RSSMU WLANN Save Settings.vi RSSMU WLANN Set To Default.vi RSSMU WLANN Settings Catalog.vi RSSMU WLANN Trigger Arm.vi RSSMU WLANN Trigger Execute.vi RSSMU WLANN Trigger Status.vi RSSMU WLANN Version.vi RSSMU XMR Delete Settings.vi RSSMU XMR Recall Settings.vi RSSMU XMR Satellite Execute Trigger.vi RSSMU XMR Satellite Fixed Marker Delay Maximum.vi RSSMU XMR Satellite Fixed Marker Delay Minimum.vi RSSMU XMR Save Settings.vi RSSMU XMR Set To Default.vi RSSMU XMR Settings Catalog.vi RSSMU XMR Terrestrial Execute Trigger.vi RSSMU XMR Trigger Arm.vi RSSMU XMR Trigger Execute.vi RSSMU XMR Trigger Status.vi RSSMU TDSCDMA Settings Test Model.vi RSSMU Set WiMAX OFDMA DL-MAP Append DCD.vi RSSMU Get WiMAX OFDMA DL-MAP Append DCD.vi RSSMU Option Count.vi RSSMU Get W3GPP Filter Parameter Lowpass.vi RSSMU Get WiMAX Filter Parameter Lowpass.vi RSSMU Get WiMAX OFDMA DL-MAP Include CID Switch.vi RSSMU Get WiMAX OFDMA HARQ Data List.vi RSSMU Get WiMAX OFDMA HARQ Data Pattern.vi RSSMU Get WiMAX OFDMA HARQ Data Source.vi RSSMU Get WiMAX OFDMA Umap Append DCD.vi RSSMU Get WiMAX OFDMA Umap Append UCD.vi RSSMU Get WLAN Filter Parameter Low Pass.vi RSSMU Set WiMAX OFDMA DL-MAP Include CID Switch.vi RSSMU Set WiMAX OFDMA HARQ Data List.vi RSSMU Set WiMAX OFDMA HARQ Data Pattern.vi RSSMU Set WiMAX OFDMA HARQ Data Source.vi RSSMU Set WiMAX OFDMA Umap Append DCD.vi RSSMU Set WiMAX OFDMA Umap Append UCD.vi
2.6.2	08/2007	This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A

History for LabVIEW		
Revision	Date	Note
		<p>SMU options: B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K71, K80</p> <p>SMATE options:: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K48 K49, K50, K51, K52, K61, K62</p> <p>SMJ options: B9, B10, B11, B13, B16, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K80</p> <p>AMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K55, K61, K62, K71, K80</p> <p>Modifications: LabVIEW only release. - Fixed driver for options.</p>
2.6.1	05/2007	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p>SMU options: B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K71, K80</p> <p>SMATE options:: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K48 K49, K50, K51, K52, K61, K62</p> <p>SMJ options: B9, B10, B11, B13, B16, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K80</p> <p>AMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K55, K61, K62, K71, K80</p> <p>Modifications: Fixed rssmu_writeFromFile</p>
2.6	04/2007	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p><b>SMU options:</b> B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K71, K80</p> <p><b>SMATE options::</b></p>

History for LabVIEW		
Revision	Date	Note
		<p>B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K48 K49, K50, K51, K52, K61, K62</p> <p><b>SMJ options:</b> B9, B10, B11, B13, B16, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K80</p> <p><b>AMU options:</b> B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K55, K61, K62, K71, K80</p> <p>Modifications:</p> <p>- added:</p> <ul style="list-style-type: none"> <li>RSSMU Continue Write Huge File To Instrument.vi</li> <li>RSSMU Get IQ Output Analog State.vi</li> <li>RSSMU Get IQ Output Digital Level.vi</li> <li>RSSMU Get IQ Output Digital Power-On State.vi</li> <li>RSSMU Get IQ Output Digital State.vi</li> <li>RSSMU Get IQ Output Level.vi</li> <li>RSSMU Get IQ Output Load.vi</li> <li>RSSMU Get IQ Output Power-On State.vi</li> <li>RSSMU Set IQ Output Analog State.vi</li> <li>RSSMU Set IQ Output Digital Level.vi</li> <li>RSSMU Set IQ Output Digital Power-On State.vi</li> <li>RSSMU Set IQ Output Digital State.vi</li> <li>RSSMU Set IQ Output Level.vi</li> <li>RSSMU Set IQ Output Load.vi</li> <li>RSSMU Set IQ Output Power-On State.vi</li> <li>RSSMU Start Write Huge File To Instrument.vi</li> </ul> <p>- modified VIs:</p> <ul style="list-style-type: none"> <li>RSSMU Set W3GPP Data Source TCH BS1.vi</li> <li>RSSMU Get W3GPP Data Source TCH BS1.vi</li> <li>RSSMU Set W3GPP Data Source of Data Fields BS.vi</li> <li>RSSMU Get W3GPP Data Source of Data Fields BS.vi</li> <li>RSSMU Set W3GPP Data Source UE1.vi</li> <li>RSSMU Get W3GPP Data Source UE1.vi</li> <li>RSSMU Set WiMAX OFDM FCH Data Source.vi</li> <li>RSSMU Get WiMAX OFDM FCH Data Source.vi</li> <li>RSSMU Configure WiMAX OFDM FCH.vi</li> <li>RSSMU Set WiMAX OFDM Burst Data Source.vi</li> <li>RSSMU Get WiMAX OFDM Burst Data Source.vi</li> <li>RSSMU Set C2k Data BS.vi</li> <li>RSSMU Get C2k Data BS.vi</li> <li>RSSMU Configure W3GPP Compressed Mode UE.vi</li> </ul>

History for LabVIEW		
Revision	Date	Note
		RSSMU Get W3GPP Coding State PRACH UE.vi RSSMU Get W3GPP Compressed Mode Method UE.vi RSSMU Set W3GPP Coding State PRACH UE.vi RSSMU Set W3GPP Compressed Mode Method UE.vi

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

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
2.15.1	01/2012	Modifications: Fixed CHM file
2.15.0	11/2011	<p>Driver update for Firmware version 2.20.230.58</p> <ul style="list-style-type: none"> <li>* rssmu.h modified - declaration added</li> <li>* Modified Functions: <ul style="list-style-type: none"> <li>- rssmu_confARBTriggerIn - the order of functions rssmu_SetARBTriggerSource and rssmu_SetARBTriggerMode changed</li> <li>- rssmu_SetFrequencySweepMode - rssmu_FrequencySweepExecute in Single Sweep Mode configuration removed</li> <li>- rssmu_GetGSMFilterType - added new modulations</li> <li>- rssmu_ConfigureBTOFilter - updated ranges</li> <li>- rssmu_SetBTOFilterParameterRootCosine - updated range</li> <li>- rssmu_GetBTOFilterParameterRootCosine</li> <li>- rssmu_SetW3GPPFilterParameterCosine - updated range</li> <li>- rssmu_GetW3GPPFilterParameterCosine</li> <li>- rssmu_SetW3GPPFilterParameterRootCosine - updated range</li> <li>- rssmu_GetW3GPPFilterParameterRootCosine</li> <li>- rssmu_SetC2kFilterParameterCosine - updated range</li> <li>- rssmu_GetC2kFilterParameterCosine</li> <li>- rssmu_SetC2kFilterParameterRootCosine - updated range</li> <li>- rssmu_GetC2kFilterParameterRootCosine</li> <li>- rssmu_ConfigC2kPredefinedBS</li> <li>- rssmu_SetC2kNumberOfSupplementalFSCHBS</li> <li>- rssmu_GetC2kNumberOfSupplementalFSCHBS</li> <li>- rssmu_SetTDSCDMAFilterParameterRootCosine - updated range</li> <li>- rssmu_GetTDSCDMAFilterParameterRootCosine</li> <li>- rssmu_SetTDSCDMAFilterParameterCosine - updated range</li> <li>- rssmu_GetTDSCDMAFilterParameterCosine</li> <li>- rssmu_ConfigWLANFilter - updated range</li> <li>- rssmu_SetWLANFilterParameterRootCosine - updated range</li> <li>- rssmu_GetWLANFilterParameterRootCosine</li> <li>- rssmu_ConfigureWLANNFilter - updated range</li> <li>- rssmu_SetWLANNFilterParameterRootCosine - updated range</li> <li>- rssmu_GetWLANNFilterParameterRootCosine</li> </ul> </li> </ul>

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

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_SetWLANNFilterParameterCosine - updated range</li> <li>- rssmu_GetWLANNFilterParameterCosine</li> <li>- rssmu_SetWiMAXOFDMADurationSlots - updated range</li> <li>- rssmu_GetWiMAXOFDMADurationSlots</li> <li>- rssmu_SetWiMAXOFDMAOffsetSubchannel - updated range</li> <li>- rssmu_GetWiMAXOFDMAOffsetSubchannel</li> <li>- rssmu_SetWiMAXOFDMAOffsetSymbol - updated range</li> <li>- rssmu_GetWiMAXOFDMAOffsetSymbol</li> <li>- rssmu_ConfigWiMAXClipping</li> <li>- rssmu_SetWiMAXFilterParameterRootCosine - updated range</li> <li>- rssmu_GetWiMAXFilterParameterRootCosine</li> <li>- rssmu_SetWiMAXFilterParameterCosine - updated range</li> <li>- rssmu_GetWiMAXFilterParameterCosine</li> <li>- rssmu_SetWiMAXClippingLevel - updated range</li> <li>- rssmu_GetWiMAXClippingLevel</li> <li>- rssmu_GetDVBTPSSettingsTimeSlicing</li> <li>- rssmu_SetDMAcctoStandard - added standards</li> <li>- rssmu_GetDMAcctoStandard</li> <li>- rssmu_SetDMSequenceLength - updated range</li> <li>- rssmu_GetDMSequenceLength</li> <li>- rssmu_SetDMCoding - added coding standards</li> <li>- rssmu_GetDMCoding</li> <li>- rssmu_SetDMModulationType</li> <li>- rssmu_SetDMFSKDeviation</li> <li>- rssmu_SetDMVariableFSKDeviation - updated range</li> <li>- rssmu_GetDMVariableFSKDeviation</li> <li>- rssmu_confDMFilter</li> <li>- rssmu_SetDMFilterType - added filter types</li> <li>- rssmu_GetDMFilterType</li> <li>- rssmu_SetDMFilterParameterCosine - updated range</li> <li>- rssmu_GetDMFilterParameterCosine</li> <li>- rssmu_SetDMFilterParameterRootCosine - updated range</li> <li>- rssmu_GetDMFilterParameterRootCosine</li> <li>- rssmu_SetARBMarkerChannelOffTime - updated range</li> <li>- rssmu_GetARBMarkerChannelOffTime</li> <li>- rssmu_SetARBTsignalSamples - updated range</li> <li>- rssmu_GetARBTsignalSamples</li> <li>- rssmu_SetMultiCarrierSpacing - updated range</li> <li>- rssmu_SetMultiCarrierEditPhaseStep - updated range</li> <li>- rssmu_GetMultiCarrierEditPhaseStep</li> <li>- rssmu_SetMultiCarrierStart - updated range</li> </ul>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_GetMultiCarrierStart</li> <li>- rssmu_SetMultiCarrierStop - updated range</li> <li>- rssmu_GetMultiCarrierStop</li> <li>- rssmu_confMCCWTableSetupAssistant - updated range</li> <li>- rssmu_SetMCCWEditCarrierStart - updated range</li> <li>- rssmu_GetMCCWEditCarrierStart</li> <li>- rssmu_SetMCCWEditCarrierStop - updated range</li> <li>- rssmu_GetMCCWEditCarrierStop</li> <li>- rssmu_ConfigureSiriusSatelliteFilter - updated range</li> <li>- rssmu_SetSiriusSatelliteFilterParameterCosine - updated range</li> <li>- rssmu_GetSiriusSatelliteFilterParameterCosine</li> <li>- rssmu_ConfigureSiriusTerrestrialFilter - updated range</li> <li>- rssmu_SetSiriusTerrestrialFilterParameterCosine - updated range</li> <li>- rssmu_GetSiriusTerrestrialFilterParameterCosine</li> <li>- rssmu_ConfigTETRAFilter - updated range</li> <li>- rssmu_SetTETRAFilterParameterRootCosine - updated range</li> <li>- rssmu_GetTETRAFilterParameterRootCosine</li> <li>- rssmu_SetFSIMMovingPathDelay</li> <li>- rssmu_SetFSIMMovingPathVariationPeriod</li> <li>- rssmu_SetFSIMInsertionLossConfiguration</li> <li>- rssmu_SetAWGNSystemBandwidthRatio - updated range</li> <li>- rssmu_GetAWGNSystemBandwidthRatio</li> <li>- rssmu_ConfigBERT - added new parameter</li> <li>- rssmu_ConfigBLER - added new parameter</li> <li>- rssmu_SetThresholdTriggerControlInput - updated range</li> <li>- rssmu_GetThresholdTriggerControlInput</li> <li>- rssmu_SetDisplayUpdate - updated command</li> <li>- rssmu_GetDisplayUpdate</li> <li>- rssmu_GetGGADGSensitiveAssistanceMessage - added control array size</li> <li>- rssmu_SetEUTRAULUEFRCType</li> <li>- rssmu_GetEUTRAULUEFRCType</li> <li>- rssmu_ConfigureEUTRAULUEFRC</li> <li>- rssmu_SetROSCExternalReferenceFrequency</li> <li>- rssmu_GetROSCExternalReferenceFrequency</li> <li>- rssmu_SetROSCSynchronizationBandwidth</li> <li>- rssmu_GetROSCSynchronizationBandwidth</li> </ul> <p>* Added Functions:</p> <ul style="list-style-type: none"> <li>- rssmu_GetBTOControllerState</li> <li>- rssmu_GetBTOFilterModulationIndex</li> <li>- rssmu_GetBTOFilterModulationType</li> <li>- rssmu_SetBTOLEPayloadErrorCode</li> </ul>

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

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_GetBTOLEPayloadErrorCode</li> <li>- rssmu_SetBTOLEPayloadVersionNumber</li> <li>- rssmu_GetBTOLEPayloadVersionNumber</li> <li>- rssmu_SetBTOLEPayloadSubVersionNumber</li> <li>- rssmu_GetBTOLEPayloadSubVersionNumber</li> <li>- rssmu_SetBTOLEPayloadCompanyId</li> <li>- rssmu_GetBTOLEPayloadCompanyId</li> <li>- rssmu_WLANGenerateWaveformFile</li> <li>- rssmu_SetWLANNFrameBlockModulationandCodingScheme</li> <li>- rssmu_GetWLANNFrameBlockModulationandCodingScheme</li> <li>- WLAN-N VHT Configuration</li> <li>- rssmu_SetWLANNFrameBlockBoost</li> <li>- rssmu_GetWLANNFrameBlockBoost</li> <li>- rssmu_SetWLANNFrameBlockSmoothing</li> <li>- rssmu_GetWLANNFrameBlockSmoothing</li> <li>- rssmu_GetDVBTransmittedSamples</li> <li>- rssmu_ConfigureDABClipping</li> <li>- DAB Clipping</li> <li>- rssmu_DMGenerateWaveformFile</li> <li>- rssmu_SetDMSequenceLength</li> <li>- rssmu_GetDMSequenceLength</li> <li>- rssmu_SetDMAQPSKAngleAlpha</li> <li>- rssmu_GetDMAQPSKAngleAlpha</li> <li>- rssmu_SetDMFilterParameterAPCO25LSMGauss</li> <li>- rssmu_GetDMFilterParameterAPCO25LSMGauss</li> <li>- rssmu_SetDMFilterParameterAPCO25LSMLowpass</li> <li>- rssmu_GetDMFilterParameterAPCO25LSMLowpass</li> <li>- rssmu_SetDMFilterParameterCosineBandwidth</li> <li>- rssmu_GetDMFilterParameterCosineBandwidth</li> <li>- rssmu_SetDMFilterLowpassEVM</li> <li>- rssmu_GetDMFilterLowpassEVM</li> <li>- rssmu_DMClockSynchronizationExecute</li> <li>- rssmu_ARBClockSynchronizationExecute</li> <li>- rssmu_SetARBMultisegmentBlankSegment</li> <li>- rssmu_SetARBMultisegmentSequenceRestart</li> <li>- rssmu_GetARBMultisegmentSequenceRestart</li> <li>- rssmu_SetARBMultisegmentSegmentRestart</li> <li>- rssmu_GetARBMultisegmentSegmentRestart</li> <li>- rssmu_SetMultiCarrierMode</li> <li>- rssmu_GetMultiCarrierMode</li> <li>- rssmu_SetMultiCarrierFrequency</li> </ul>

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

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_GetMultiCarrierFrequency</li> <li>- rssmu_GetMultiCarrierConflict</li> <li>- rssmu_MCCWClockSynchronizationExecute</li> <li>- EUTRA Test Case Wizard</li> <li>- EUTRA Logfiles Generation</li> <li>- rssmu_SetEUTRADLCellPBCHRatio</li> <li>- rssmu_GetEUTRADLCellPBCHRatio</li> <li>- rssmu_SetEUTRADLCellPHICHNg</li> <li>- rssmu_GetEUTRADLCellPHICHNg</li> <li>- EUTRA Antenna Port Mapping</li> <li>- EUTRA MBSFN</li> <li>- EUTRA PRS Settings</li> <li>- rssmu_SetEUTRADLSubframeVRBGap</li> <li>- rssmu_GetEUTRADLSubframeVRBGap</li> <li>- rssmu_SetEUTRADLSubframeMIB</li> <li>- rssmu_GetEUTRADLSubframeMIB</li> <li>- rssmu_SetEUTRADLSubframeSFNOffset</li> <li>- rssmu_GetEUTRADLSubframeSFNOffset</li> <li>- rssmu_SetEUTRADLSubframeEnhCoordinates</li> <li>- rssmu_GetEUTRADLSubframeEnhCoordinates</li> <li>- rssmu_SetEUTRADLSubframeEnhScramblingIdentity</li> <li>- rssmu_GetEUTRADLSubframeEnhScramblingIdentity</li> <li>- rssmu_SetEUTRADLSubframeEnhTransmissionMode</li> <li>- rssmu_GetEUTRADLSubframeEnhTransmissionMode</li> <li>- rssmu_SetEUTRADLSubframeEnhAntennaPorts</li> <li>- rssmu_GetEUTRADLSubframeEnhAntennaPorts</li> <li>- rssmu_SetEUTRADLSubframeEnhAntennaPortsMapping</li> <li>- rssmu_GetEUTRADLSubframeEnhAntennaPortsMapping</li> <li>- rssmu_SetEUTRADLUserUECategory</li> <li>- rssmu_GetEUTRADLUserUECategory</li> <li>- rssmu_SetEUTRADLUserTimePlanViewMode</li> <li>- rssmu_GetEUTRADLUserTimePlanViewMode</li> <li>- rssmu_SetEUTRADLUserTransmissionMode</li> <li>- rssmu_GetEUTRADLUserTransmissionMode</li> <li>- rssmu_SetEUTRADLEnhancedPHICHPowerMode</li> <li>- rssmu_GetEUTRADLEnhancedPHICHPowerMode</li> <li>- rssmu_SetEUTRADLEnhancedPHICHIndividualPower</li> <li>- rssmu_GetEUTRADLEnhancedPHICHIndividualPower</li> <li>- rssmu_SetEUTRADLEnhancedPDCCHDCIScramblingIdentity</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHDCIScramblingIdentity</li> <li>- rssmu_SetEUTRAULRTFBAssumeACK</li> </ul>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_GetEUTRAULRTFBAssumeACK</li> <li>- rssmu_SetEUTRAULRTFBDistanceMode</li> <li>- rssmu_GetEUTRAULRTFBDistanceMode</li> <li>- rssmu_SetEUTRAULUEPRACHPowerRampingState</li> <li>- rssmu_GetEUTRAULUEPRACHPowerRampingState</li> <li>- rssmu_SetEUTRAULUEPRACHPowerRampingTime</li> <li>- rssmu_GetEUTRAULUEPRACHPowerRampingTime</li> <li>- rssmu_SetEUTRAULSubframeEnhPUSCHHARQNbundled</li> <li>- rssmu_GetEUTRAULSubframeEnhPUSCHHARQNbundled</li> <li>- rssmu_SetTETRAFilterParameterLowpassEVM</li> <li>- rssmu_GetTETRAFilterParameterLowpassEVM</li> <li>- rssmu_SetBBINAutoLevelSetState</li> <li>- rssmu_GetBBINAutoLevelSetState</li> <li>- rssmu_SetBERTTimeout</li> <li>- rssmu_GetBERTTimeout</li> <li>- rssmu_SetBLERTTimeout</li> <li>- rssmu_GetBLERTTimeout</li> </ul> <p>* Deleted Functions:</p> <ul style="list-style-type: none"> <li>- rssmu_GPSCreateWaveformFile</li> <li>- rssmu_SetEUTRADLSynchronizationRepetitionPeriod</li> <li>- rssmu_GetEUTRADLSynchronizationRepetitionPeriod</li> </ul>
2.14.0	09/2011	<p>Modified Functions:</p> <ul style="list-style-type: none"> <li>- added support for Galileo</li> </ul>
2.13.1	01/2011	<p>Modified Functions:</p> <ul style="list-style-type: none"> <li>- rssmu_SetBBInMode, rssmu_GetBBInMode - digital interface is selected by any other option than Analog</li> </ul>
2.13	11/2010	<p>Modifications:</p> <p>* Added Functions:</p> <ul style="list-style-type: none"> <li>- Added option K68 TETRA</li> <li>- Added Support for Bluetooth Low Energy</li> <li>- Added Support for Test Packet Configuration in Bluetooth</li> <li>- rssmu_ConfigureBTO DTT Test Packet Configuration</li> <li>- rssmu_TDSCDMA Settings Test Model Catalog</li> <li>- rssmu_ConfigureTDSCDMADCHHS-SICH</li> <li>- rssmu_ConfigureTDSCDMADCHPLCCHPattern</li> <li>- rssmu_SetTDSCDMADCHNumberOfTimeSlots</li> <li>- rssmu_GetTDSCDMADCHNumberOfTimeSlots</li> <li>- rssmu_SetTDSCDMADCHNumberOfChannels</li> </ul>

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

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_GetTDSCDMADCHNumberOfChannels</li> <li>- TDSCDMA HSDPA,HSUPA</li> <li>- TDSCDMA PLCCCH</li> <li>- TDSCDMA HS-SICH</li> <li>- rssmu_ConfigureTDSCDMADPCCH E-UCCH</li> <li>- rssmu_SetTDSCDMADPCCHE-UCCHChannels</li> <li>- rssmu_GetTDSCDMADPCCHE-UCCHChannels</li> <li>- rssmu_SetTDSCDMADPCCHE-UCCHE-TFCIValue</li> <li>- rssmu_GetTDSCDMADPCCHE-UCCHE-TFCIValue</li> <li>- rssmu_SetTDSCDMADPCCHE-UCCHRetransmissionSequenceNumber</li> <li>- rssmu_GetTDSCDMADPCCHE-UCCHRetransmissionSequenceNumber</li> <li>- rssmu_SetTDSCDMADPCCHE-UCCHHARQProcessID</li> <li>- rssmu_GetTDSCDMADPCCHE-UCCHHARQProcessID</li> <li>- rssmu_SetWiMAXOFDMAUCDBurstProfileMapping</li> <li>- rssmu_GetWiMAXOFDMAUCDBurstProfileMapping</li> <li>- rssmu_SetWiMAXOFDMAUCDFECModulationType</li> <li>- rssmu_GetWiMAXOFDMAUCDFECModulationType</li> <li>- WiMAX OFDMA DCD</li> <li>- ARB Rectangle Testsignals</li> <li>- ARB CIQ Testsignals</li> <li>- Multi Carrier Waveform Generator Clipping</li> <li>- rssmu_SetSiriusSatelliteOverlayAngularOffset</li> <li>- rssmu_GetSiriusSatelliteOverlayAngularOffset</li> <li>- rssmu_SetSiriusSatelliteFilterLowpassEVM</li> <li>- rssmu_GetSiriusSatelliteFilterLowpassEVM</li> <li>- rssmu_ConfigureSiriusTerrestrial</li> <li>- rssmu_GetSiriusTerrestrialModulation</li> <li>- rssmu_SetSiriusTerrestrialOverlayAngularOffset</li> <li>- rssmu_GetSiriusTerrestrialOverlayAngularOffset</li> <li>- rssmu_SetSiriusTerrestrialFilterLowpassEVM</li> <li>- rssmu_GetSiriusTerrestrialFilterLowpassEVM</li> <li>- EUTRA K55 Configuration</li> <li>- rssmu_SetEUTRADLCellPDSCHP_B</li> <li>- rssmu_GetEUTRADLCellPDSCHP_B</li> <li>- rssmu_SetEUTRADLCellIRA_RNTI</li> <li>- rssmu_GetEUTRADLCellIRA_RNTI</li> <li>- rssmu_SetEUTRADLReferenceSymbolPower</li> <li>- rssmu_GetEUTRADLReferenceSymbolPower</li> <li>- rssmu_SetEUTRADLSynchronizationP-S-SyncTxAntenna</li> <li>- rssmu_GetEUTRADLSynchronizationP-S-SyncTxAntenna</li> <li>- rssmu_SetEUTRADLUserP_A</li> </ul>

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

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_GetEUTRADLUserP_A</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHNumberofBits</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHAvailableREGs</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHAvailableCCEs</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHAllocatedREGs</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHDummyREGs</li> <li>- rssmu_SetEUTRADLEnhancedPDCCHDummyCCEREGs</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHDummyCCEREGs</li> <li>- rssmu_SetEUTRADLEnhancedPDCCHDummyCCEDataSource</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHDummyCCEDataSource</li> <li>- rssmu_SetEUTRADLEnhancedPDCCHDummyCCEDataPattern</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHDummyCCEDataPattern</li> <li>- rssmu_SetEUTRADLEnhancedPDCCHDummyCCEDataDlist</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHDummyCCEDataDlist</li> <li>- EUTRA DCI Table</li> <li>- EUTRA DCI Format</li> <li>- EUTRA DCI Format 0</li> <li>- rssmu_SetEUTRAULReferenceSignalSRSAN+SRSSimultaneousTx</li> <li>- rssmu_GetEUTRAULReferenceSignalSRSAN+SRSSimultaneousTx</li> <li>- rssmu_SetEUTRAULReferenceSignalSRSMaXupPTS</li> <li>- rssmu_GetEUTRAULReferenceSignalSRSMaXupPTS</li> <li>- rssmu_SetEUTRAULPUSCHHoppingOffset</li> <li>- rssmu_GetEUTRAULPUSCHHoppingOffset</li> <li>- rssmu_SetEUTRAULPRACHFrequencyOffset</li> <li>- rssmu_GetEUTRAULPRACHFrequencyOffset</li> <li>- rssmu_SetEUTRAULRTFBlockErrorInsertion</li> <li>- rssmu_GetEUTRAULRTFBlockErrorInsertion</li> <li>- rssmu_SetEUTRAULRTFBlockErrorRate</li> <li>- rssmu_GetEUTRAULRTFBlockErrorRate</li> <li>- rssmu_SetEUTRAULUECommonRestartData</li> <li>- rssmu_GetEUTRAULUECommonRestartData</li> <li>- rssmu_GetEUTRAULUEPRACHNumberofConfigurableFrames</li> <li>- rssmu_SetEUTRAULUEPRACHFrequencyResourceIndex</li> <li>- rssmu_GetEUTRAULUEPRACHFrequencyResourceIndex</li> <li>- rssmu_SetEUTRAULUEPRACHPower</li> <li>- rssmu_GetEUTRAULUEPRACHPower</li> <li>- rssmu_SetEUTRAULUEPRACHRBOffset</li> <li>- rssmu_GetEUTRAULUEPRACHRBOffset</li> <li>- rssmu_SetEUTRAULSubframeEnhPUSCHFreqHopping</li> <li>- rssmu_GetEUTRAULSubframeEnhPUSCHFreqHopping</li> <li>- rssmu_ConfigureEUTRAPower</li> </ul>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<ul style="list-style-type: none"> <li>- EUTRA Power</li> <li>- rssmu_SetEUTRASignalAdvanceN_TA_offset</li> <li>- rssmu_GetEUTRASignalAdvanceN_TA_offset</li> <li>- rssmu_SYSTemGPIBResource</li> <li>- rssmu_SYSTemSerialResource</li> <li>- rssmu_SYSTemOptionUserDefined</li> <li>* Updates:</li> <li>- rssmu_SetBTOTTriggerSignalDurationUnit</li> <li>- rssmu_GetBTOTTriggerSignalDurationUnit</li> <li>- rssmu_ConfigureTDSCDMA DedicatedChannels</li> <li>- rssmu_SetTDSCDMADCHCodingType</li> <li>- rssmu_GetTDSCDMADCHCodingType</li> <li>- rssmu_SetWiMAXOFDMABurstType</li> <li>- rssmu_GetWiMAXOFDMABurstType</li> <li>- rssmu_ConfigureDVBMarker</li> <li>- rssmu_SetDVBMarkerMode</li> <li>- rssmu_SetSiriusPhysicalLayer</li> <li>- rssmu_GetSiriusPhysicalLayer</li> <li>- rssmu_ConfigureSiriusSatellite</li> <li>- rssmu_SetSiriusSatelliteModulation</li> <li>- rssmu_GetSiriusSatelliteModulation</li> <li>- rssmu_ConfigureSiriusSatelliteFilter</li> <li>- rssmu_SetSiriusSatelliteFilterType</li> <li>- rssmu_GetSiriusSatelliteFilterType</li> <li>- rssmu_GetSiriusSatelliteFilterLowPass</li> <li>- rssmu_ConfigureSiriusTerrestrialFilter</li> <li>- rssmu_SetSiriusTerrestrialFilterType</li> <li>- rssmu_GetSiriusTerrestrialFilterType</li> <li>- rssmu_SetEUTRADLEnhancedPDCCHFormat</li> <li>- rssmu_GetEUTRADLEnhancedPDCCHFormat</li> <li>- rssmu_ConfigureEUTRAULUEReferenceSRSStructure</li> <li>- rssmu_ConfigureRFFrequency</li> <li>- rssmu_SetRFPhaseContinuousActive</li> </ul>
2.12	03/2010	<p>Driver update for Firmware version 2.10.111.53</p> <p>Initial Release for Linux, support for:</p> <ul style="list-style-type: none"> <li>- Mandriva Linux 2008 and Mandriva Linux 2009</li> <li>- openSUSE 10.3 and openSUSE 11.0</li> </ul> <p>* Updates:</p> <ul style="list-style-type: none"> <li>- rssmu_setViReal64 - bugfix</li> <li>- added filter LowPassEVM, updated FilterType and Configure Filter</li> </ul>

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

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- Baseband, added functions:  <ul style="list-style-type: none"> <li>rssmu_SetBBPhaseOffset, rssmu_GetBBPhaseOffset</li> </ul> </li> <li>- Bluetooth, added functions:  <ul style="list-style-type: none"> <li>rssmu_SetBTOMode, rssmu_GetBTOMode</li> </ul> </li> <li>- EUTRA, added functions:  <ul style="list-style-type: none"> <li>Realtime Feedback</li> <li>FRC</li> <li>rssmu_SetEUTRAULReferenceSignalSRSSubframeConfiguration,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULReferenceSignalSRSSubframeConfiguration</li> <li>rssmu_GetEUTRAULReferenceSignalSRSTransmissionOffset</li> <li>rssmu_GetEUTRAULReferenceSignalSRSCONfigurationPeriod</li> <li>rssmu_SetEUTRAULReferenceSignalSRSCSRS, rssmu_GetEUTRAULReferenceSignalSRSCSRS</li> <li>rssmu_SetEUTRAULUEPUSCHCCODMode, rssmu_GetEUTRAULUEPUSCHCCODMode</li> <li>rssmu_SetEUTRAULUEPUSCHCCODIHARQoffset,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULUEPUSCHCCODIHARQoffset</li> <li>rssmu_SetEUTRAULUEPUSCHCCODIRIoffset, rssmu_GetEUTRAULUEPUSCHCCODIRIoffset</li> <li>rssmu_SetEUTRAULUEPUSCHCCODICQIoffset, rssmu_GetEUTRAULUEPUSCHCCODICQIoffset</li> <li>rssmu_SetEUTRAULUEReferenceSRISRS, rssmu_GetEUTRAULUEReferenceSRISRS</li> <li>rssmu_GetEUTRAULUEReferenceSRSToffset</li> <li>rssmu_GetEUTRAULUEReferenceSRSTSRS</li> <li>rssmu_SetEUTRAULUEReferenceSRBSRS, rssmu_GetEUTRAULUEReferenceSRBSRS</li> <li>rssmu_SetEUTRAULUEReferenceSRSTransmissionCombination,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULUEReferenceSRSTransmissionCombination</li> <li>rssmu_SetEUTRAULUEReferenceSRShop, rssmu_GetEUTRAULUEReferenceSRShop</li> <li>rssmu_SetEUTRAULUEReferenceSRSnRRC, rssmu_GetEUTRAULUEReferenceSRSnRRC</li> <li>rssmu_SetEUTRAULSubframeEnhPUCCHHARQPattern,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUCCHHARQPattern</li> <li>rssmu_SetEUTRAULSubframeEnhPUSCHNumberOfACKNACKMode,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUSCHNumberOfACKNACKMode</li> <li>rssmu_SetEUTRAULSubframeEnhPUSCHNumberOfACKNACKBits,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUSCHNumberOfACKNACKBits</li> <li>rssmu_GetEUTRAULSubframeEnhPUSCHNumberOfCodedACKNACKBits</li> <li>rssmu_SetEUTRAULSubframeEnhPUSCHRIPattern,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUSCHRIPattern</li> <li>rssmu_SetEUTRAULSubframeEnhPUSCHNumberOfRIBits,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUSCHNumberOfRIBits</li> <li>rssmu_SetEUTRAULSubframeEnhPUSCHHARQPattern,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUSCHHARQPattern</li> <li>rssmu_GetEUTRAULSubframeEnhPUSCHNumberOfCodedRIBits</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> <li>- EUTRA, updated functions:  <ul style="list-style-type: none"> <li>rssmu_SetEUTRAULSubframeEnhPUCCHCQINumberOfBits,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUCCHCQINumberOfBits</li> <li>rssmu_SetEUTRAULSubframeEnhPUCCHCQINumberOfCodedBits,  <ul style="list-style-type: none"> <li>rssmu_GetEUTRAULSubframeEnhPUCCHCQINumberOfCodedBits</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li></ul></li></ul></li></ul></li></ul>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<p>                     rssmu_SetEUTRAULSubframeEnhPUCCHCQIPattern,                      rssmu_SetEUTRAULSubframeEnhPUCCHCQIPattern                      rssmu_SetEUTRAULSubframeEnhPUSCHCQINumberOfBits,                      rssmu_GetEUTRAULSubframeEnhPUSCHCQINumberOfBits                      rssmu_SetEUTRAULSubframeEnhPUSCHCQIPattern,                      rssmu_GetEUTRAULSubframeEnhPUSCHCQIPattern                      - Fading Simulator, added functions:                      rssmu_SetFSIMMovingPathVariationAll, rssmu_GetFSIMMovingPathVariationAll                      rssmu_SetFSIMMovingPathVariationPeriodAll, rssmu_GetFSIMMovingPathVariationPeriodAll                      rssmu_SetFSIMMovingPathChannels, rssmu_GetFSIMMovingPathChannels                      - Fading Simulator, updated functions:                      rssmu_SetFSIMStatePath, rssmu_GetFSIMStatePath                      rssmu_SetFSIMPathLoss, rssmu_GetFSIMPathLoss                      rssmu_SetFSIMBasicDelay, rssmu_GetFSIMBasicDelay                      rssmu_SetFSIMAdditionalDelay, rssmu_GetFSIMAdditionalDelay                      rssmu_GetFSIMResultingDelay                      rssmu_SetFSIMConstantPhase, rssmu_GetFSIMConstantPhase                      rssmu_SetFSIMSpeed, rssmu_GetFSIMSpeed                      rssmu_SetFSIMFrequencyRatio, rssmu_GetFSIMFrequencyRatio                      rssmu_GetFSIMResultingDopplerShift                      - IQ Output, updated functions:                      rssmu_SetIQOutputMode, rssmu_GetIQOutputMode                 </p>
2.11	11/2009	<p>                     Driver update for Firmware version 2.05.x                      * Version 2.11                      * New personalities:                      Bluetooth (K60)                      FM Stereo (K57)                      Sirius (K58)                      Ultra Wide Band (K264)                      Clock synchronization                      * Updates:                      - Baseband, added functions:                      rssmu_SetBBSignalSource, rssmu_GetBBSignalSource                      rssmu_SetBBMeasurementDuration, rssmu_GetBBMeasurementDuration                      rssmu_GetBBMeasurementRemainingDuration                      rssmu_SetBBMeasurementState, rssmu_GetBBMeasurementState                      rssmu_GetBBMeasurementPowerPeak                      rssmu_GetBBMeasurementPowerRMS                      - GSM/EDGE, added functions                      rssmu_SetGSMSymbolRateMode, rssmu_GetGSMSymbolRateMode                      rssmu_SetGSMSequenceLengthSymbols, rssmu_GetGSMSequenceLengthSymbols                 </p>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<p>                     rssmu_SetGSMSequenceLengthFrames, rssmu_GetGSMSequenceLengthFrames                      rssmu_GSMGenerateWaveformFile                      rssmu_GetGSMModulationType                      rssmu_GetGSMFilterType                      rssmu_SetGSMSlotFilterType, rssmu_GetGSMSlotFilterType                      rssmu_SetGSMExtendedTrainingSequence, rssmu_GetGSMExtendedTrainingSequence                      - GSM/EDGE, updated functions                      rssmu_SetGSMSimulationMode, rssmu_GetGSMSimulationMode - added new modes                      rssmu_confGSMPowerRamp - bugfix                      rssmu_ConfigGSMMarkerMode, rssmu_SetGSMMarkerMode, rssmu_GetGSMMarkerMode - new marker type                      rssmu_SetGSMBurstType, rssmu_GetGSMBurstType - new burst type                      - 3GPP, added features and functions                      BS E-AGCH                      BS H-Set Configuration                      UE MIMO                      UE FRC                      UE DTX                      rssmu_SetW3GPPOpenLoopTransmitDiversityBS,                      rssmu_GetW3GPPOpenLoopTransmitDiversityBS                      rssmu_SetW3GPPEnhHSDPAMIMOPrecodingWeightPattern,                      rssmu_GetW3GPPEnhHSDPAMIMOPrecodingWeightPattern                      rssmu_SetW3GPPTPCModeDPCCHUE, rssmu_GetW3GPPTPCModeDPCCHUE                      rssmu_SetW3GPPEPDCHModulationUE, rssmu_GetW3GPPEPDCHModulationUE                      - 3GPP, updated functions                      rssmu_ConfigW3GPPFilter, rssmu_SetW3GPPFilterType, rssmu_GetW3GPPFilterType - added new filter type                      rssmu_ConfigW3GPPMarker, rssmu_SetW3GPPMarkerMode, rssmu_GetW3GPPMarkerMode - added new marker mode                      rssmu_SetW3GPPOCNSModeBS, rssmu_GetW3GPPOCNSModeBS - new OCNS mode                      rssmu_ConfigW3GPPCommonBS, rssmu_SetW3GPPTransmitDiversityBS,                      rssmu_GetW3GPPTransmitDiversityBS - new transmit diversity                      rssmu_SetW3GPPEnhHSDPAMIMOModulation, rssmu_GetW3GPPEnhHSDPAMIMOModulation - new modulations                      rssmu_SetW3GPPEnhHSDPAMIMOCostellationVersionParameter,                      rssmu_GetW3GPPEnhHSDPAMIMOCostellationVersionParameter - new parameters                      - cdma2000, added features and functions                      BS Additional Synchronization                      - cdma2000, updated functions                      rssmu_ConfigC2kFilter, rssmu_SetC2kFilterType, rssmu_GetC2kFilterType - added new filter type                      rssmu_SetW3GPPEnhHSDPAMIMOCostellationVersionParameter,                      rssmu_GetW3GPPEnhHSDPAMIMOCostellationVersionParameter - new parameters                      - TD-SCDMA, updated functions                      rssmu_ConfigTDSCDMAFilter, rssmu_SetTDSCDMAFilterType, rssmu_GetTDSCDMAFilterType -                 </p>



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Revision	Date	Note
		<p>                     rssmu_GetWiMAXOFDMDImapAllocationStartTimeBase                      rssmu_SetWiMAXOFDMDImapAllocationStartTime,                      rssmu_GetWiMAXOFDMDImapAllocationStartTime                      rssmu_SetWiMAXOFDMAHARQStartOffsetMode, rssmu_GetWiMAXOFDMAHARQStartOffsetMode                      rssmu_SetWiMAXOFDMAHARQDisableACK, rssmu_GetWiMAXOFDMAHARQDisableACK                      rssmu_SetWiMAXOFDMAHARQChaseModulation,                      rssmu_GetWiMAXOFDMAHARQChaseModulation                      rssmu_SetWiMAXOFDMASoundingAllocationMode,                      rssmu_GetWiMAXOFDMASoundingAllocationMode                      rssmu_SetWiMAXOFDMASoundingShiftValueU, rssmu_GetWiMAXOFDMASoundingShiftValueU                      rssmu_SetWiMAXOFDMASoundingBandBitmap, rssmu_GetWiMAXOFDMASoundingBandBitmap                      - IEEE 802.16 WiMAX, updated functions                      rssmu_SetWiMAXOFDMASpaceTimeCodingMode,                      rssmu_GetWiMAXOFDMASpaceTimeCodingMode - added coding mode                      rssmu_SetWiMAXOFDMASpaceTimeCodingAntenna,                      rssmu_GetWiMAXOFDMASpaceTimeCodingAntenna - added antenna                      rssmu_SetWiMAXFilterType, rssmu_GetWiMAXFilterType - added new filter type                      rssmu_ConfigWiMAXMarker, rssmu_SetWiMAXMarkerMode, rssmu_GetWiMAXMarkerMode -                      added new marker mode                      - DVB, updated functions                      rssmu_ConfigDVBFilter, rssmu_SetDVBFilterType, rssmu_GetDVBFilterType - added new filter type                      rssmu_ConfigDVBMarker, rssmu_SetDVBMarkerMode, rssmu_GetDVBMarkerMode - added new                      marker mode                      - DAB, updated functions                      rssmu_ConfigDABFilter, rssmu_SetDABFilterType, rssmu_GetDABFilterType - added new filter type                      rssmu_ConfigDABMarker, rssmu_SetDABMarkerMode, rssmu_GetDABMarkerMode - added new                      marker mode                      - Digital Modulation (Custom Digital Modulation), updated functions                      rssmu_SetDMMarkerMode, rssmu_GetDMMarkerMode - added new marker mode                      rssmu_confDMClock, rssmu_SetDMClockSource, rssmu_GetDMClockSource - added new clock                      source                      - Arbitrary Waveform Modulation (ARB), updated functions                      rssmu_ARBWaveformCatalog - bugfix                      rssmu_SetARBTriggerSource, rssmu_GetARBTriggerSource - added new trigger source                      rssmu_SetARBTriggerSingleSequenceLength, rssmu_GetARBTriggerSingleSequenceLength -                      bugfix                      rssmu_SetARBMarkerChannelMode, rssmu_GetARBMarkerChannelMode - added new marker                      mode                      rssmu_confARBClock, rssmu_SetARBClockSource, rssmu_GetARBClockSource - added new clock                      source                      - GPS, new features and functions                      Receiver Location                      rssmu_GPSCreateWaveformFile                      rssmu_GetGPSNextHandoverTime                 </p>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<p> rssmu_SetGPSMarkerPulseWidth, rssmu_GetGPSMarkerPulseWidth  rssmu_SetGPSLocalizationSatelliteElevationMask,  rssmu_GetGPSLocalizationSatelliteElevationMask  - GPS, updated functions  rssmu_ConfigGPSMarker, rssmu_SetGPSMarkerMode, rssmu_GetGPSMarkerMode - added new marker mode  - Multicarrier CW (MCCW), updated functions  rssmu_SetMCCWMarkerChannelMode, rssmu_GetMCCWMarkerChannelMode - added new marker mode  rssmu_confMCCWClock, rssmu_SetMCCWClockSource, rssmu_GetMCCWClockSource - added new clock source  - XM-Radio, new functions  rssmu_SetXMRTerrestrialMarkerMCMPosition, rssmu_GetXMRTerrestrialMarkerMCMPosition  - XM-Radio, updated functions  rssmu_SetXMRSatelliteMarkerMode, rssmu_GetXMRSatelliteMarkerMode - added new marker mode  rssmu_SetXMRTerrestrialMarkerMode, rssmu_GetXMRTerrestrialMarkerMode - added new marker mode  - EUTRA, new features and functions  Downlink TDD Settings  Downlink Cell Specific Settings  Downlink Subframe Enhanced Settings  Downlink Frame Configuration Channel Coding Configuration  Downlink Frame Configuration Enhanced Channel Configuration  Uplink Reference Signals  Uplink PUSCH Structure  Uplink PUCCH Structure  Uplink PRACH Structure  Uplink Frame Configuration User Equipment PUSCH Channel Coding and Multiplexing  Uplink Frame Configuration User Equipment PRACH  Uplink Frame Configuration Subframe Configuration Enhanced Settings  Time Domain Windowing  EUTRA LTE Filter  rssmu_SetEUTRADLCyclicPrefix, rssmu_GetEUTRADLCyclicPrefix  rssmu_SetEUTRADLPhysicalSettingsMappedResourceBlocks,  rssmu_GetEUTRADLPhysicalSettingsMappedResourceBlocks  rssmu_SetEUTRADLMIMOSimulatedAntennaA, rssmu_GetEUTRADLMIMOSimulatedAntennaA  rssmu_SetEUTRADLMIMOSimulatedAntennaB, rssmu_GetEUTRADLMIMOSimulatedAntennaB  rssmu_SetEUTRADLUserChannelCodingState, rssmu_GetEUTRADLUserChannelCodingState  rssmu_ConfigureEUTRADLUserChannelCoding  rssmu_SetEUTRADLUserUEID, rssmu_GetEUTRADLUserUEID  rssmu_SetEUTRADLTransportBlockCRC, rssmu_GetEUTRADLTransportBlockCRC  rssmu_SetEUTRADLUserScramblingState, rssmu_GetEUTRADLUserScramblingState </p>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<p> rssmu_ConfigureEUTRAULReferenceSignals  rssmu_ConfigureEUTRAULPUSCHStructure  rssmu_ConfigureEUTRAULPUCCHStructure  rssmu_SetEUTRAULCellIFFNC, rssmu_GetEUTRAULCellIFFNC  rssmu_SetEUTRAULCyclicPrefix, rssmu_GetEUTRAULCyclicPrefix  rssmu_SetEUTRAULPhysicalSettingsCellIDGroup,  rssmu_GetEUTRAULPhysicalSettingsCellIDGroup  rssmu_ConfigureEUTRAULUEPUSCHChannelCoding  rssmu_SetEUTRAULUECommonPower, rssmu_GetEUTRAULUECommonPower  rssmu_SetEUTRAULUECommonRNTI, rssmu_GetEUTRAULUECommonRNTI  rssmu_SetEUTRAULUEPUSCHScramblingState, rssmu_GetEUTRAULUEPUSCHScramblingState  rssmu_SetEUTRAULSubframeFormat, rssmu_GetEUTRAULSubframeFormat  rssmu_SetEUTRAULSubframeVirtualResourceBlocksOffset,  rssmu_GetEUTRAULSubframeVirtualResourceBlocksOffset  rssmu_SetEUTRAFilterMode, rssmu_GetEUTRAFilterMode  rssmu_SetEUTRAFilterParameterUser, rssmu_GetEUTRAFilterParameterUser  rssmu_SetEUTRAMarkerMode, rssmu_GetEUTRAMarkerMode  - EUTRA, updated functions  rssmu_ConfigureEUTRADLUser - bugfix  rssmu_ConfigureEUTRADLPhysicalSettings,  rssmu_SetEUTRADLPhysicalSettingsChannelBandwidth,  rssmu_GetEUTRADLPhysicalSettingsChannelBandwidth - added new channel bandwidth  rssmu_ConfigureEUTRAULPhysicalSettings,  rssmu_SetEUTRAULPhysicalSettingsChannelBandwidth,  rssmu_GetEUTRAUplinkPhysicalSettingsChannelBandwidth - added new channel bandwidth  rssmu_ConfigureEUTRAULUECommonSettings - bugfix  rssmu_ConfigureEUTRAULUEPUSCH - bugfix  rssmu_ConfigureEUTRAFilter, rssmu_SetEUTRAFilterType, rssmu_GetEUTRAFilterType - added  new filter type  - Fading, new features and functions  High Speed Train Fading  rssmu_SetFSIMConfiguration, rssmu_GetFSIMConfiguration  rssmu_FSIMMIMOSave  rssmu_FSIMMIMOLoad  rssmu_SetFSIMMIMOSubset, rssmu_GetFSIMMIMOSubset  - Fading, updated functions  MIMO Kronecker functions - new Rx  rssmu_SetFSIMSignalRouting, rssmu_GetFSIMSignalRouting - added new routings  - IQ Impairments, new features and functions  Optimization and fading power correction queries  - IQ Output, new features and functions  Auxiliary information  - Global Trigger, Clock, External Inputs, updated functions </p>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<ul style="list-style-type: none"> <li>rssmu_SetOutputConnectorUserMapping, rssmu_GetOutputConnectorUserMapping - added signal sources</li> <li>rssmu_getOptionCount - bugfix</li> </ul>
2.10.1	01/2009	<ul style="list-style-type: none"> <li>- Fixed functions: <ul style="list-style-type: none"> <li>- rssmu_SetWLANMACAddressState, rssmu_GetWLANMACAddressState - incorrect command</li> <li>- rssmu_SetWLANMACAddress - incorrect command</li> <li>- rssmu_SetLevelSweepMode - removed sweep execution for single sweep mode</li> <li>- Fixed *.lib file</li> </ul> </li> </ul>
2.10	11/2008	<ul style="list-style-type: none"> <li>- Added features: <ul style="list-style-type: none"> <li>- <b>SMBV support</b></li> <li>- Mapping list support</li> <li>- DM Synchronization</li> <li>- DM Switching</li> <li>- ARB Multi Carrier Waveform</li> <li>- ARB Multisegment Waveform</li> <li>- ARB Sine Testsignal</li> <li>- ARB Synchronization</li> <li>- Local Oscillator</li> <li>- SMBV Pulse Modulation and Generator</li> <li>- SMBV Phase Modulation</li> <li>- NRP-Z View measurement (Power Measurement)</li> <li>- Hard copy</li> </ul> </li> <li>- Added functions: <ul style="list-style-type: none"> <li>- rssmu_DMControlListNumberOfLines</li> <li>- rssmu_DMDataListNumberOfBits</li> <li>- rssmu_SetDMFilterParameterPureGauss, rssmu_GetDMFilterParameterPureGauss</li> <li>- rssmu_DMFilterListLength</li> <li>- rssmu_DMFilterListFreeMemory</li> <li>- rssmu_SetDMTriggerSignalDuration, rssmu_GetDMTriggerSignalDuration</li> <li>- rssmu_DMTriggerArmExecute</li> <li>- rssmu_GetDMTriggerStatus</li> <li>- rssmu_GetARBTriggerStatus</li> <li>- rssmu_SetBBINPhaseOffset, rssmu_GetBBINPhaseOffset</li> <li>- rssmu_ConfigureIMPOptimization</li> <li>- rssmu_SetIMPOptimizationMode, rssmu_GetIMPOptimizationMode</li> <li>- rssmu_SetIMPDelay, rssmu_GetIMPDelay</li> <li>- rssmu_GetIQOutputLevelResult</li> <li>- rssmu_SetAllModulationsState</li> <li>- rssmu_ResetAllSweeps</li> <li>- rssmu_SetROSCRFSSwitchOffActive, rssmu_GetROSCRFSSwitchOffActive</li> </ul> </li> </ul>

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		<ul style="list-style-type: none"> <li>- rssmu_UserCorrectionFillData</li> <li>- rssmu_GetUserCorrectionValue</li> <li>- rssmu_SetLevelSweepShape, rssmu_GetLevelSweepShape</li> <li>- rssmu_SetFrequencySweepShape, rssmu_GetFrequencySweepShape</li> <li>- rssmu_SetLFOutputShape, rssmu_GetLFOutputShape</li> <li>- rssmu_GetFMSensitivity</li> <li>- rssmu_confListRange</li> <li>- rssmu_LISTLearn</li> <li>- rssmu_SetLISTStartIndex, rssmu_GetLISTStartIndex</li> <li>- rssmu_SetLISTStopIndex, rssmu_GetLISTStopIndex</li> <li>- rssmu_SetImpedanceClockControllInput, rssmu_GetImpedanceClockControllInput</li> <li>- rssmu_SetDisplayUpdate, rssmu_GetDisplayUpdate</li> <li>- rssmu_SYSTEMNetworkResource</li>   <li>- Removed functions: <ul style="list-style-type: none"> <li>- rssmu_SetSYSTEMIdentification, rssmu_GetSYSTEMIdentification</li> <li>- rssmu_SetSYSTEMNetworkDNSAutoState, rssmu_GetSYSTEMNetworkDNSAutoState</li> <li>- rssmu_SetSYSTEMNetworkPTOP, rssmu_GetSYSTEMNetworkPTOP</li> </ul> </li>   <li>- Modified functions: <ul style="list-style-type: none"> <li>- rssmu_GetIQOutputOptimizeIQSignalsForRFOutput - getViBooleanPath used instead of getEnum</li> <li>- rssmu_SetDMFilterType, rssmu_confDMFilter - New filter types</li> <li>- rssmu_confRFFreq - SMBV issues</li> </ul> </li> </ul>
2.9	09/2008	<p>Driver updatate for Firmware version 2.05.104.56 (FM stereo is not implemented)</p> <p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p><b>SMU options:</b>  B9, B10, B11, B13, B14, B15, B16, B17, B18, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p><b>SMATE options:</b>  B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62</p> <p><b>SMJ options:</b>  B9, B10, B11, B13, B16, B18, B20, B50, B51, B103, B106,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K80</p> <p><b>AMU options:</b>  B9, B10, B11, B13, B14, B15, B16, B17, B18,  K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72,</p>

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

Revision	Date	Note
		<p>K74, K80</p> <p>added</p> <p>rssmu_SetGSMForceDummyBitsto1, rssmu_GetGSMForceDummyBitsto1</p> <p>rssmu_SetW3GPPEnhPCPICHPatternBS, rssmu_GetW3GPPEnhPCPICHPatternBS</p> <p>rssmu_SetW3GPPEnhHSDPAMIMOSTream2ActivePattern, rssmu_GetW3GPPEnhHSDPAMIMOSTream2ActivePattern</p> <p>rssmu_SetW3GPPEnhHSDPAMIMOModulation, rssmu_GetW3GPPEnhHSDPAMIMOModulation</p> <p>rssmu_SetW3GPPEnhHSDPAMIMOCostellationVersionParameter, rssmu_GetW3GPPEnhHSDPAMIMOCostellationVersionParameter</p> <p>rssmu_SetWiMAXUseBasebandAB, rssmu_GetWiMAXUseBasebandAB</p> <p>rssmu_SetWiMAXOFDMAZoneBoosting, rssmu_GetWiMAXOFDMAZoneBoosting</p> <p>WiMAX OFDMA Zone Configuration for PDU</p> <p>rssmu_SetWiMAXDataDumpState, rssmu_GetWiMAXDataDumpState</p> <p>rssmu_SetWiMAXDataDumpOutputDirectory, rssmu_GetWiMAXDataDumpOutputDirectory</p> <p>rssmu_SetGPSRFBand, rssmu_GetGPSRFBand</p> <p>rssmu_SetGPSFilter, rssmu_GetGPSFilter</p> <p>rssmu_SetGPSAGPSTestScenario, rssmu_GetGPSAGPSTestScenario</p> <p>rssmu_SetGPSUseBasebandAB, rssmu_GetGPSUseBasebandAB</p> <p>rssmu_SetGPSLocalizationMode, rssmu_GetGPSLocalizationMode</p> <p>rssmu_ConfigureGPSLocalizationData</p> <p>GPS Localization Data</p> <p>rssmu_SetGPSTriggerSignalDurationUnit, rssmu_GetGPSTriggerSignalDurationUnit</p> <p>rssmu_GetGPSInitialHDOP</p> <p>rssmu_GetGPSInitialPDOP</p> <p>rssmu_SetGPSSatelliteAdditionalTimeShift, rssmu_GetGPSSatelliteAdditionalTimeShift</p> <p>rssmu_SetGPSSatelliteAdditionalPower, rssmu_GetGPSSatelliteAdditionalPower</p> <p>rssmu_SetGPSSatelliteAdditionalDopplerShift, rssmu_GetGPSSatelliteAdditionalDopplerShift</p> <p>rssmu_SetGPSSatelliteInitialCarrierPhase, rssmu_GetGPSSatelliteInitialCarrierPhase</p> <p>GPS Navigation Message</p> <p>GPS Assistance Data Generation (option K65)</p> <p>rssmu_GetXMRNumberOfFrames</p> <p>rssmu_GetEUTRADLPhysicalSettingsLeftGuardSubcarriers</p> <p>rssmu_GetEUTRADLPhysicalSettingsRightGuardSubcarriers</p> <p>rssmu_GetEUTRADLPhysicalSettingsOccupiedBandwidth</p> <p>rssmu_SetEUTRADLSubframeAllocationState, rssmu_GetEUTRADLSubframeAllocationState</p> <p>rssmu_ConfigureEUTRAULUEReferenceSignalStructure</p> <p>rssmu_ConfigureEUTRAULUEReferenceSRSStructure</p> <p>rssmu_SetEUTRAULUEReferenceDRSPowerOffset, rssmu_GetEUTRAULUEReferenceDRSPowerOffset</p> <p>rssmu_SetEUTRAULUEReferenceSRSSState, rssmu_GetEUTRAULUEReferenceSRSSState</p> <p>rssmu_SetEUTRAULUEReferenceSRSSimultaneousTx,</p>

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

Revision	Date	Note
		rssmu_GetEUTRAULUEReferenceSRSSimultaneousTx rssmu_SetEUTRAULUEReferenceSRSPowerOffset, rssmu_GetEUTRAULUEReferenceSRSPowerOffset rssmu_SetEUTRAULUEReferenceSRSCyclicShift, rssmu_GetEUTRAULUEReferenceSRSCyclicShift rssmu_SetEUTRAULUEReferenceFirstSRSSubframe, rssmu_GetEUTRAULUEReferenceFirstSRSSubframe rssmu_SetEUTRAULUEReferenceSRSPeriodicity, rssmu_GetEUTRAULUEReferenceSRSPeriodicity rssmu_SetEUTRAULUEReferenceLastSRSSubframe, rssmu_GetEUTRAULUEReferenceLastSRSSubframe rssmu_SetEUTRAULUEReferenceSymbolInSubframe, rssmu_GetEUTRAULUEReferenceSymbolInSubframe rssmu_SetEUTRAULUEReferenceNumberOfRBs, rssmu_GetEUTRAULUEReferenceNumberOfRBs rssmu_SetEUTRAULUEReferenceFrequencyHoppingPattern, rssmu_GetEUTRAULUEReferenceFrequencyHoppingPattern rssmu_SetEUTRAClockCustomExternal, rssmu_GetEUTRAClockCustomExternal rssmu_SetRFPhaseContinuousActive, rssmu_GetRFPhaseContinuousActive rssmu_SetRFPhaseContinuousMode, rssmu_GetRFPhaseContinuousMode rssmu_GetRFPhaseContinuousMaximumFrequency rssmu_GetRFPhaseContinuousMinimumFrequency rssmu_SetLFSweepShape, rssmu_GetLFSweepShape rssmu_SetPowerFilterNSRatio, rssmu_GetPowerFilterNSRatio rssmu_SetPowerFilterNSRatioTimeout, rssmu_GetPowerFilterNSRatioTimeout rssmu_CALibrationFMOffset rssmu_SetCALibrationHighAccuracyState, rssmu_GetCALibrationHighAccuracyState rssmu_GetSYSTEMStartupComplete rssmu_SetUNITAngle, rssmu_GetUNITAngle rssmu_SetUNITPower, rssmu_GetUNITPower rssmu_PresetParameters rssmu_PresetDevice updated rssmu_SetW3GPPClockSource, rssmu_GetW3GPPClockSource rssmu_SetW3GPPChannelTypeBS, rssmu_GetW3GPPChannelTypeBS rssmu_SetTDSCDMAClockSource, rssmu_GetTDSCDMAClockSource rssmu_SetTDSCDMASYNCCULCode, rssmu_GetTDSCDMASYNCCULCode rssmu_SetTDSCDMADCHTransportInterleaver1State, rssmu_GetTDSCDMADCHTransportInterleaver1State rssmu_SetTDSCDMADCHTransportInterleaver2State, rssmu_GetTDSCDMADCHTransportInterleaver2State rssmu_SetTDSCDMABCHTransportInterleaver1State, rssmu_GetTDSCDMABCHTransportInterleaver1State rssmu_SetTDSCDMABCHTransportInterleaver2State, rssmu_GetTDSCDMABCHTransportInterleaver2State rssmu_SetWiMAXClockSource, rssmu_GetWiMAXClockSource rssmu_SetGPSSimulationMode, rssmu_GetGPSSimulationMode

History for LabWindows/CVI and VXIplug&play Instrument Driver for C#, C/C++, Visual Basic .NET, VEE, etc.		
Revision	Date	Note
		rssmu_SetGPSPMarkerMode, rssmu_GetGPSPMarkerMode rssmu_SetGPSClockSource, rssmu_GetGPSClockSource rssmu_SetGPSSatelliteSpaceVehicleID, rssmu_GetGPSSatelliteSpaceVehicleID rssmu_ConfigureXMRSatelliteFilter rssmu_SetXMRSatelliteFilterType, rssmu_GetXMRSatelliteFilterType rssmu_SetXMRSatelliteClockSource, rssmu_GetXMRSatelliteClockSource rssmu_ConfigureXMRTerrestrialFilter rssmu_SetXMRTerrestrialFilterType, rssmu_GetXMRTerrestrialFilterType rssmu_SetXMRTerrestrialClockSource, rssmu_GetXMRTerrestrialClockSource rssmu_EUTRAGenerateWaveformFile rssmu_SetEUTRADLMIMOGlobalConfiguration, rssmu_GetEUTRADLMIMOGlobalConfiguration rssmu_SetEUTRADLMIMOSimulatedAntenna, rssmu_GetEUTRADLMIMOSimulatedAntenna rssmu_GetEUTRADLReferenceSubcarrierOffset rssmu_SetEUTRADLSubframeUsedAllocations, rssmu_GetEUTRADLSubframeUsedAllocations rssmu_SetEUTRADLSubframeCodeWord, rssmu_GetEUTRADLSubframeCodeWord rssmu_SetEUTRADLSubframeModulation, rssmu_GetEUTRADLSubframeModulation rssmu_SetEUTRADLSubframeResourceBlocks, rssmu_GetEUTRADLSubframeResourceBlocks rssmu_SetEUTRADLSubframeSymbolCount, rssmu_GetEUTRADLSubframeSymbolCount rssmu_SetEUTRADLSubframeResourceBlocksOffset, rssmu_GetEUTRADLSubframeResourceBlocksOffset rssmu_SetEUTRADLSubframeSymbolOffset, rssmu_GetEUTRADLSubframeSymbolOffset rssmu_SetEUTRADLSubframeAutomaticOffsetCalculation, rssmu_GetEUTRADLSubframeAutomaticOffsetCalculation rssmu_GetEUTRADLSubframePhysicalBits rssmu_SetEUTRADLSubframeDataSource, rssmu_GetEUTRADLSubframeDataSource rssmu_SetEUTRADLSubframePower, rssmu_GetEUTRADLSubframePower rssmu_SetEUTRADLSubframeContentType, rssmu_GetEUTRADLSubframeContentType rssmu_GetEUTRADLSubframeConflict rssmu_SetEUTRATriggerSignalDurationUnit, rssmu_GetEUTRATriggerSignalDurationUnit rssmu_SetEUTRAClockModeExternal, rssmu_GetEUTRAClockModeExternal rssmu_confRFFreq rssmu_SetPowerFilterMode, rssmu_GetPowerFilterMode deleted rssmu_ConfigureEUTRAULUEDemodulationReferenceSignal rssmu_ConfigureEUTRAULUEDemodulationReferenceSignalCAZAC rssmu_ConfigureEUTRAULUESoundingReferenceSignal rssmu_ConfigureEUTRAULUESoundingReferenceSignalCAZAC rssmu_ConfigureEUTRAULUESoundingReferenceSignalDetails rssmu_SetEUTRAULUEReferenceDRSDDefinition, rssmu_GetEUTRAULUEReferenceDRSDDefinition rssmu_SetEUTRAULUEReferenceDRSDFTPrecoding, rssmu_GetEUTRAULUEReferenceDRSDFTPrecoding rssmu_SetEUTRAULUEReferenceDRSSSequence, rssmu_GetEUTRAULUEReferenceDRSSSequence

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

Revision	Date	Note
		rssmu_SetEUTRAULUEReferenceDRSCAZACParameteru, rssmu_GetEUTRAULUEReferenceDRSCAZACParameteru rssmu_SetEUTRAULUEReferenceDRSCAZACParameterq, rssmu_GetEUTRAULUEReferenceDRSCAZACParameterq rssmu_SetEUTRAULUEReferenceDRSCAZACParameterAlpha, rssmu_GetEUTRAULUEReferenceDRSCAZACParameterAlpha rssmu_SetEUTRAULUEReferenceDRSCAZACMode, rssmu_GetEUTRAULUEReferenceDRSCAZACMode rssmu_SetEUTRAULUEReferenceDRSDemodulationSequence, rssmu_GetEUTRAULUEReferenceDRSDemodulationSequence rssmu_SetEUTRAULUEReferenceSRSPowerOffset, rssmu_GetEUTRAULUEReferenceSRSPowerOffset rssmu_SetEUTRAULUEReferenceSRSDDefinition, rssmu_GetEUTRAULUEReferenceSRSDDefinition rssmu_SetEUTRAULUEReferenceSRSDFTPrecoding, rssmu_GetEUTRAULUEReferenceSRSDFTPrecoding rssmu_SetEUTRAULUEReferenceSRSSSequence, rssmu_GetEUTRAULUEReferenceSRSSSequence rssmu_SetEUTRAULUEReferenceSRSCAZACParameteru, rssmu_GetEUTRAULUEReferenceSRSCAZACParameteru rssmu_SetEUTRAULUEReferenceSRSCAZACParameterq, rssmu_GetEUTRAULUEReferenceSRSCAZACParameterq rssmu_SetEUTRAULUEReferenceSRSCAZACParameterAlpha, rssmu_GetEUTRAULUEReferenceSRSCAZACParameterAlpha rssmu_SetEUTRAULUEReferenceSRSCAZACMode, rssmu_GetEUTRAULUEReferenceSRSCAZACMode rssmu_SetEUTRAULUEReferenceSRSSoundingSequence, rssmu_GetEUTRAULUEReferenceSRSSoundingSequence rssmu_SetEUTRAULUEReferenceSRSDetailsSymbolInSubframe, rssmu_GetEUTRAULUEReferenceSRSDetailsSymbolInSubframe rssmu_SetEUTRAULUEReferenceSRSDetailsResourceBlocks, rssmu_GetEUTRAULUEReferenceSRSDetailsResourceBlocks rssmu_SetEUTRAULUEReferenceSRSDetailsFrequencyHoppingPattern, rssmu_GetEUTRAULUEReferenceSRSDetailsFrequencyHoppingPattern rssmu_SetEUTRAULUEReferenceSRSDetailsFrequencySpacing, rssmu_GetEUTRAULUEReferenceSRSDetailsFrequencySpacing rssmu_SetEUTRAULUEReferenceSRSDetailsSubcarrierOffset, rssmu_GetEUTRAULUEReferenceSRSDetailsSubcarrierOffset

### **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.

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