

LabVIEW Driver history for R&S®UPV and R&S®UPP200/400/800 Audio Analyzers

Products:

- | R&S®UPV
- | R&S®UPP200/400/800

Version History

Driver history for LabVIEW		
Revision	Date	Note
3.3.5	07/2019	- Fixed: Fixed wrong 64-bit dll names - Cosmetic VI icon changes
3.3.4	12/2017	Modified: Modified RSUPV Read Measurement Result MinMax.vi - fixed range checking for Modifier.vi Removed instrument checking in RSUPV Set Analyzer Channel InputRange Value.vi, RSUPV Get Analyzer Channel Input Range Value.vi
3.3.2	06/2013	Modified: RSUPV Set Analyzer Channel Input Impedance.vi, RSUPV Get Analyzer Channel Input Impedance.vi - removed UPP instrument checking RSUPV Set Analyzer THDN Frequency Lim Upp.vi - changed valid range
3.3.1	07/2012	Modifications: RSUPV Configure Measurement Functions Settling.vi - if settling is off, no other parameter is sent to instrument RSUPV Get Dig Bitstream Analyzer Clock Frequency.vi, RSUPV Set Dig Bitstream Analyzer Clock Frequency.vi - fixed SCPI command
3.3.0	01/2012	Modifications: New : RSUPV Set Digital Generator Channels.vi RSUPV Get Digital Generator Channels.vi RSUPV Set HDMI Generator Audio Format.vi RSUPV Get HDMI Generator Audio Format.vi RSUPV Set HDMI Generator Audio Sink ARC.vi RSUPV Get HDMI Generator Audio Sink ARC.vi RSUPV Get HDMI Generator Audio Info Frame.vi RSUPV Set HDMI Generator Channels Mode.vi RSUPV Get HDMI Generator Channels Mode.vi RSUPV Get HDMI Generator Video Format No.vi RSUPV Set HDMI Generator Video Color Depth.vi RSUPV Get HDMI Generator Video Color Depth.vi RSUPV Set HDMI Generator Video Content.vi RSUPV Get HDMI Generator Video Content.vi RSUPV Get HDMI Generator Video Color String.vi RSUPV Get HDMI Generator Video AVI.vi RSUPV Get HDMI Generator Video SPD.vi RSUPV Get HDMI Generator Video E-EDID.vi

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Get HDMI Generator Video CEC.vi
		RSUPV Set HDMI Generator Video Format Frequency.vi
		RSUPV Get HDMI Generator Video Format Frequency.vi
		RSUPV Set HDMI Generator Video Format Resolution.vi
		RSUPV Get HDMI Generator Video Format Resolution.vi
		RSUPV Set HDMI Generator Video Source.vi
		RSUPV Get HDMI Generator Video Source.vi
		RSUPV Set Generator DC Offset Channel Value.vi
		RSUPV Get Generator DC Offset Channel Value.vi
		RSUPV Set Generator DC Offset Coupling.vi
		RSUPV Get Generator DC Offset Coupling.vi
		RSUPV Set Generator Equalizer Coupling.vi
		RSUPV Get Generator Equalizer Coupling.vi
		RSUPV Set Generator Stereo Channel Filter Coupling.vi
		RSUPV Get Generator Stereo Channel Filter Coupling.vi
		RSUPV Set Generator Stereo Channel Filter.vi
		RSUPV Get Generator Stereo Channel Filter.vi
		RSUPV Set Generator Stereo Equalizer.vi
		RSUPV Get Generator Stereo Equalizer.vi
		RSUPV Set Generator Stereo Equalizer File.vi
		RSUPV Set Generator Multichannel Filter.vi
		RSUPV Get Generator Multichannel Filter.vi
		RSUPV Set Generator Multichannel All Chan Sine.vi
		RSUPV Get Generator Multichannel All Chan Sine.vi
		RSUPV Set Generator Multichannel Gain.vi
		RSUPV Get Generator Multichannel Gain
		RSUPV Set Generator Multichannel Limit To FS.vi
		RSUPV Get Generator Multichannel Limit To FS.vi
		RSUPV Set Generator Multichannel Total Gain.vi
		RSUPV Get Generator Multichannel Total Gain.vi
		RSUPV Set Generator Multichannel Sine.vi
		RSUPV Get Generator Multichannel Sine.vi
		RSUPV Set Generator Multichannel Sine Frequency.vi
		RSUPV Get Generator Multichannel Sine Frequency.vi
		RSUPV Set Generator Multichannel Sine Phase.vi
		RSUPV Get Generator Multichannel Sine Phase.vi
		RSUPV Set Generator Multichannel Sine Voltage.vi
		RSUPV Get Generator Multichannel Sine Voltage.vi
		RSUPV Set Generator Multichannel Sine Arbitrary.vi
		RSUPV Get Generator Multichannel Sine Arbitrary
		RSUPV Set Generator Multichannel Sine Arbitrary Filename.vi
		RSUPV Set Generator Multichannel Sine Volt Peak.vi

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Get Generator Multichannel Sine Volt Peak.vi
		RSUPV Set Generator Multichannel Sine Equalizer.vi
		RSUPV Get Generator Multichannel Sine Equalizer.vi
		RSUPV Set Generator Multichannel Sine Equalizer Filename.vi
		RSUPV Set Generator Multichannel DC Offset.vi
		RSUPV Get Generator Multichannel DC Offset.vi
		RSUPV Set Generator Multichannel DC Offset Value.vi
		RSUPV Get Generator Multichannel DC Offset Value.vi
		RSUPV Set Generator Single Channel Track To Other Channel.vi
		RSUPV Get Generator Single Channel Track To Other Channel.vi
		RSUPV Set Generator Single Channel.vi
		RSUPV Get Generator Single Channel.vi
		RSUPV Set Generator All Channel Sine.vi
		RSUPV Get Generator All Channel Sine.vi
		RSUPV Set Generator Sine Frequency.vi
		RSUPV Get Generator Sine Frequency.vi
		RSUPV Set Generator Sine Voltage.vi
		RSUPV Get Generator Sine Voltage.vi
		RSUPV Set Multichannel Analyzer Impedance Channel.vi
		RSUPV Get Multichannel Analyzer Impedance Channel.vi
		RSUPV Set Multichannel Analyzer Channel Input Impedance.vi
		RSUPV Get Multichannel Analyzer Channel Input Impedance.vi
		RSUPV Set HDMI Analyzer Audio Input.vi
		RSUPV Get HDMI Analyzer Audio Input.vi
		RSUPV Set HDMI Analyzer Audio Format.vi
		RSUPV Get HDMI Analyzer Audio Format.vi
		RSUPV Set HDMI Analyzer Audio Coding.vi
		RSUPV Get HDMI Analyzer Audio Coding.vi
		RSUPV Get HDMI Analyzer Audio Detected.vi
		RSUPV Get HDMI Analyzer Audio N Parameter.vi
		RSUPV Get HDMI Analyzer Audio CTS Parameter.vi
		RSUPV Set HDMI Analyzer Audio Channel.vi
		RSUPV Get HDMI Analyzer Audio Channel.vi
		RSUPV Set HDMI Analyzer Audio Meas Channel State.vi
		RSUPV Get HDMI Analyzer Audio Meas Channel State.vi
		RSUPV Get HDMI Analyzer Audio Info Frame.vi
		RSUPV Get HDMI Analyzer Video Format No.vi
		RSUPV Get HDMI Analyzer Video Color Depth.vi
		RSUPV Get HDMI Analyzer Video HDCP State.vi
		RSUPV Get HDMI Analyzer Video Timings.vi
		RSUPV Get HDMI Analyzer Video AVI.vi
		RSUPV Get HDMI Analyzer Video SPD.vi

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Get HDMI Analyzer Video E-EDID
		RSUPV Set Dig Bitstream Analyzer Clock Source.vi
		RSUPV Get Dig Bitstream Analyzer Clock Source.vi
		RSUPV Set Dig Bitstream Analyzer Channel Mode.vi
		RSUPV Get Dig Bitstream Analyzer Channel Mode.vi
		RSUPV Set Dig Bitstream Analyzer Alignment.vi
		RSUPV Get Dig Bitstream Analyzer Alignment.vi
		RSUPV Set Dig Bitstream Analyzer Clock Frequency.vi
		RSUPV Get Dig Bitstream Analyzer Clock Frequency.vi
		RSUPV Set Dig Bitstream Analyzer Duty Cycle.vi
		RSUPV Get Dig Bitstream Analyzer Duty Cycle.vi
		RSUPV Set Dig Bitstream Analyzer Down Sampling Factor.vi
		RSUPV Get Dig Bitstream Analyzer Down Sampling Factor.vi
		RSUPV Set Analyzer Refinement.vi
		RSUPV Get Analyzer Refinement.vi
		RSUPV Set Analyzer FFT Max Size.vi
		RSUPV Get Analyzer FFT Max Size.vi
		RSUPV Set Analyzer POLQA Band.vi
		RSUPV Get Analyzer POLQA Band.vi
		RSUPV Set Analyzer POLQA Measurement Mode.vi
		RSUPV Get Analyzer POLQA Measurement Mode.vi
		RSUPV Set Analyzer POLQA Gain.vi
		RSUPV Get Analyzer POLQA Gain.vi
		RSUPV Get Analyzer POLQA Reference Level.vi
		RSUPV Get Analyzer POLQA Deg Level.vi
		RSUPV Get Analyzer POLQA Attenuation.vi
		RSUPV Get Analyzer POLQA SNR Ref.vi
		RSUPV Get Analyzer POLQA SNR Degraded.vi
		RSUPV Get Analyzer POLQA Ref Sp Ratio.vi
		RSUPV Get Analyzer POLQA Deg Sp Ratio.vi
		RSUPV Get Analyzer POLQA Min Delay.vi
		RSUPV Get Analyzer POLQA Max Delay.vi
		RSUPV Set Lip Sync Analysis Active Color High.vi
		RSUPV Get Lip Sync Analysis Active Color High.vi
		RSUPV Set Lip Sync Analysis Active Color Low .vi
		RSUPV Get Lip Sync Analysis Active Color Low .vi
		RSUPV Set Lip Sync Analysis Active Pattern Color.vi
		RSUPV Get Lip Sync Analysis Active Pattern Color.vi
		RSUPV Set Lip Sync Analysis Mute Pattern Color.vi
		RSUPV Get Lip Sync Analysis Mute Pattern Color.vi
		RSUPV Set Lip Sync Analysis Audio Trigger Threshold.vi
		RSUPV Get Lip Sync Analysis Audio Trigger Threshold.vi

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Set Sw itcher Connection.vi RSUPV Get Sw itcher Connection.vi RSUPV Set Display Max Channels.vi RSUPV Get Display Max Channels.vi RSUPV Configure HDMI Generator Audio.vi RSUPV Configure HDMI Generator Video.vi RSUPV Configure HDMI AnalyzerAudio.vi RSUPV Configure Dig Bitstream Analyzer.vi Updated: RSUPV Set Analyzer Function.vi RSUPV Get Analyzer Function.vi RSUPV Set Analyzer Instrument.vi RSUPV Get Analyzer Instrument.vi RSUPV Configure Generator Digital.vi RSUPV Set Digital Generator Channel Mode.vi RSUPV Get Digital Generator Channel Mode.vi RSUPV Set Digital Generator Sync To.vi RSUPV Get Digital Generator Sync To.vi RSUPV Set Generator Function.vi RSUPV Get Generator Function.vi RSUPV Set USI Analyzer Sync To.vi RSUPV Get USI Analyzer Sync To.vi RSUPV Set USI Analyzer First Bit.vi RSUPV Get USI Analyzer First Bit.vi RSUPV Set Sw itcher Port.vi RSUPV Get Sw itcher Port.vi RSUPV Configure Audio Monitoring.vi RSUPV Set Aux Signal Source.vi RSUPV Get Aux Signal Source.vi RSUPV Set Protocol Analysis Display Mode.vi RSUPV Get Protocol Analysis Display Mode.vi RSUPV Set Protocol Analysis Highlight.vi RSUPV Get Protocol Analysis Highlight.vi RSUPV Set Protocol Analysis Persistence.vi RSUPV Get Protocol Analysis Persistence.vi RSUPV Set Protocol Analysis View Mode.vi RSUPV Get Protocol Analysis View Mode.vi
3.1.2	12/2010	Modifications: - Option query does not fail on UPP w ithout any option. How ever, if you have UPV w ithout K4, you w ill no longer get error message. Both UPP w ith remote-control and w ithout any option and UPV w ithout remote control, return same response for *OPT? - Fixed rsupv.h - added missing visa.h

Driver history for LabVIEW		
Revision	Date	Note
3.1.1	08/2010	Modifications: Fixed LabVIEW installer
3.1.0	08/2010	<p>Driver for UPV firmw are version 3.1.0 Added support for R&S@UPP200/400/800 Audio Analyzer</p> <p>Modifications:</p> <p>New VIs:</p> <p>Analyzer Trigger Settling Analyzer Function Settling External Sw eep FFT Analysis Equalizer FFT Analysis Frequency Limit RSUPV Set Digital Generator Balanced Impedance.vi RSUPV Get Digital Generator Balanced Impedance.vi RSUPV Set Digital Generator Unbalanced Impedance.vi RSUPV Get Digital Generator Unbalanced Impedance.vi RSUPV Get I2S Generator BClk Frequency.vi RSUPV Set Generator Sw eep Halt.vi RSUPV Get Generator Sw eep Halt.vi RSUPV Set Generator Play Restart.vi RSUPV Get Generator Play Restart.vi RSUPV Set Analyzer SNSequence State.vi RSUPV Get Analyzer SNSequence State.vi RSUPV Set Analyzer FFT Triggered State.vi RSUPV Get Analyzer FFT Triggered State.vi RSUPV Set Aux Speaker Monitor.vi RSUPV Get Aux Speaker Monitor.vi RSUPV Set Sw itcher Port.vi RSUPV Get Sw itcher Port.vi RSUPV Set Display Invert Equ.vi RSUPV Get Display Invert Equ.vi RSUPV Set Status Register.vi RSUPV Get Status Register.vi</p> <p>Updated VIs:</p> <p>RSUPV Configure Generator Analog.vi, RSUPV Set Generator Impedance.vi, RSUPV Get Generator Impedance.vi - added new impedance value RSUPV Set Generator Bandw idth.vi, RSUPV Get Generator Bandw idth.vi - added new bandw idth values RSUPV Configure Generator Digital.vi, RSUPV Set Digital Generator Sync To.vi, RSUPV Get Digital Generator Sync To.vi - added new Sync To options RSUPV Set Generator Sw eep X Axis.vi, RSUPV Get Generator Sw eep X Axis.vi - added new axis options RSUPV Set Analyzer Channel Input Impedance.vi, RSUPV Get Analyzer Channel Input</p>

Driver history for LabVIEW		
Revision	Date	Note
		<p>Impedance.vi - added new impedance values</p> <p>RSUPV Set Digital Analyzer Audio Input.vi, RSUPV Get Digital Analyzer Audio Input.vi - added new audio input options</p> <p>RSUPV Set I2S Analyzer Sample Frequency.vi, RSUPV Get I2S Analyzer Sample Frequency.vi - new sample frequencies added</p> <p>RSUPV Set Analyzer Level Meas Time.vi, RSUPV Get Analyzer Level Meas Time.vi - added new measurement time values</p> <p>RSUPV Set Analyzer Level DC Meas Time.vi, RSUPV Get Analyzer Level DC Meas Time.vi - added new measurement time values</p> <p>RSUPV Get Analyzer PEAQ Model.vi - bugfix</p> <p>RSUPV Set Analyzer Waveform Monitor Trigger Source.vi, RSUPV Get Analyzer Waveform Monitor Trigger Source.vi - new trigger sources added</p> <p>RSUPV Set Analyzer Combined Measurement.vi, RSUPV Get Analyzer Combined Measurement.vi - new measurements added</p> <p>RSUPV Set Display Unit.vi, RSUPV Get Display Unit.vi, RSUPV Set Analyzer Unit.vi, RSUPV Get Analyzer Unit.vi, RSUPV Set Analyzer Frequency Unit.vi, RSUPV Get Analyzer Frequency Unit.vi - new units added</p> <p>RSUPV Set Analyzer Frequency Phase Reference.vi, RSUPV Get Analyzer Frequency Phase Reference.vi - new reference added</p>
2.6.1	09/2009	<p>Modifications:</p> <p>Updated VIs:</p> <ul style="list-style-type: none"> - RSUPV Get USI Generator Tx Data.vi - fixed string allocation - RSUPV Get Display Legend.vi - fixed string allocation - RSUPV Get USI Analyzer Slots.vi - fixed string allocation - RSUPV Get Display Axis Label User String.vi - fixed string allocation
2.6.0	08/2009	<p>Driver for UPV firmw are version 2.6</p> <p>Initial Release for Linux, support for:</p> <ul style="list-style-type: none"> - Mandriva Linux 2008 and Mandriva Linux 2009 - openSUSE 10.3 and openSUSE 11.0 <p>Updated VIs:</p> <ul style="list-style-type: none"> - RSUPV Set Generator Function.vi, RSUPV Get Generator Function.vi - added new function - RSUPV Set Analyzer Function.vi, RSUPV Get Analyzer Function.vi - added new function - RSUPV Set Protocol Generator Coding Mode.vi, RSUPV Get Protocol Generator Coding Mode.vi - added new mode <p>New VIs:</p> <ul style="list-style-type: none"> - Audio Quality Measurement - RSUPV Set Protocol Generator Coding File.vi
2.4.2	11/2008	<p>Modified functions (command removed - SYST:COMM:GPIB:LTER):</p> <p>RSUPV Store Memory Data Binary.vi</p>

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Read To File From Instrument.vi RSUPV Write From File To Instrument.vi RSUPV Start Write Huge File To Instrument.vi RSUPV Continue Write Huge File To Instrument.vi RSUPV Get Display Axis Label User String.vi RSUPV Get Display Legend.vi RSUPV Get USI Analyzer Slots.vi RSUPV Get USI Generator Tx Data.vi
2.4.1	10/2008	Driver for UPV firmw are version 2.4 New VIs: - RSUPV Read To File From Instrument.vi - RSUPV Write From File To Instrument.vi - RSUPV Start Write Huge File To Instrument.vi - RSUPV Continue Write Huge File To Instrument.vi
2.4.0	08/2008	Driver update for UPV firmw are version 2.4 New Features: - Added Analog 8 Channel option - Added Analog 16 Channel option - Added USI Dual Channel option - Added USI 8 Channel option - Added Speach Quality Measurements (PESQ) - Modified VIs: <ul style="list-style-type: none"> • RSUPV Configure Generator Digital.vi - removed argument Source Mode • RSUPV Set Analyzer Instrument.vi, RSUPV Get Analyzer Instrument - added new instrument types (Analog Multichannel and USI instruments) • RSUPV Set Analyzer Channel Input Range.vi, RSUPV Set Analyzer Channel Input Range Value.vi, RSUPV Get Analyzer Channel Input Range Value.vi - range of Channel is now 1 to 16 • RSUPV Set Analyzer FFT Avg Count.vi - changed range • RSUPV Set Analyzer WaveformMonitor Trigger Source.vi, RSUPV Get Analyzer WaveformMonitor Trigger Source.vi, RSUPV Set Analyzer Record Trigger Source.vi, RSUPV Get Analyzer Record Trigger Source.vi - added Gen Burst • RSUPV Set Generator Filter.vi, RSUPV Get Generator Filter.vi, RSUPV Set Analyzer Prefilter.vi, RSUPV Get Analyzer Prefilter.vi, RSUPV Set Analyzer Filter.vi, RSUPV Get Analyzer Filter.vi - added AES 17 and C Weighting • RSUPV Set Measurement Mode.vi, RSUPV Get Measurement Mode.vi - added Wait • RSUPV Set Generator Instrument.vi, RSUPV Get Generator Instrument.vi - added USI Dual Chan instrument - New VIs: <ul style="list-style-type: none"> • RSUPV Set Generator Output State.vi, RSUPV Get Generator Output State.vi • RSUPV Set Analyzer FFT Undersample State.vi, RSUPV Get Analyzer FFT

Driver history for LabVIEW		
Revision	Date	Note
		<p>Undersample State.vi</p> <ul style="list-style-type: none"> • RSUPV Set Analyzer FFT Comp Factor.vi, RSUPV Get Analyzer FFT Comp Factor.vi • RSUPV Set Display Normalization.vi, RSUPV Get Display Normalization.vi • RSUPV Set Display Normalize Value.vi, RSUPV Get Display Normalize Value.vi • RSUPV Get Protocol Analysis Error.vi • RSUPV Set Display Cursor Move To.vi • RSUPV Set Measurement Timeout.vi, RSUPV Get Measurement Timeout.vi • RSUPV Read Measurement Result Min Max.vi • RSUPV Read Axis Data.vi • RSUPV Read Axis Data Count.vi • RSUPV Set Hardcopy Size.vi, RSUPV Get Hardcopy Size.vi • RSUPV Set Window Style.vi, RSUPV Get Window Style.vi
1.4.0	03/2007	<p>Driver update for UPV firmw are version 1.4</p> <p>Added support for USB interface</p> <p>- New VIs:</p> <p>RSUPV Set Digital Generator Add Impairment.vi RSUPV Get Digital Generator Add Impairment.vi RSUPV Configure Generator I2S.vi RSUPV Set I2S Generator Sync To.vi RSUPV Get I2S Generator Sync To.vi RSUPV Set I2S Generator Word Length.vi RSUPV Get I2S Generator Word Length.vi RSUPV Set I2S Generator Sample Frequency.vi RSUPV Get I2S Generator Sample Frequency.vi RSUPV Set I2S Generator MClk Ratio.vi RSUPV Get I2S Generator MClk Ratio.vi RSUPV Set I2S Generator Audio Bits.vi RSUPV Get I2S Generator Audio Bits.vi RSUPV Set I2S Generator Format.vi RSUPV Get I2S Generator Format.vi RSUPV Set I2S Generator Fsync Shape.vi RSUPV Get I2S Generator Fsync Shape.vi RSUPV Set I2S Generator Fsync Polarity.vi RSUPV Get I2S Generator Fsync Polarity.vi RSUPV Set I2S Generator Word Offset.vi RSUPV Get I2S Generator Word Offset.vi RSUPV Set Generator Phase File.vi RSUPV Set Generator Play Scale Pk To FS.vi RSUPV Get Generator Play Scale Pk To FS.vi</p>

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Set Generator Play Channel.vi
		RSUPV Get Generator Play Channel.vi
		RSUPV Set Generator Play Mode.vi
		RSUPV Get Generator Play Mode.vi
		RSUPV Set Generator Play Time.vi
		RSUPV Get Generator Play Time.vi
		RSUPV Set Generator Play Shape File.vi
		RSUPV Set Generator Play Analyzer Loop Channel.vi
		RSUPV Get Generator Play Analyzer Loop Channel.vi
		RSUPV Set Generator Play Analyzer Loop Gain.vi
		RSUPV Get Generator Play Analyzer Loop Gain.vi
		RSUPV Set Generator Amplitude Variation.vi
		RSUPV Get Generator Amplitude Variation.vi
		RSUPV Set Generator AV Modulation Frequency.vi
		RSUPV Get Generator AV Modulation Frequency.vi
		RSUPV Set Generator Variation.vi
		RSUPV Get Generator Variation.vi
		RSUPV Set I2S Analyzer Word Length.vi
		RSUPV Get I2S Analyzer Word Length.vi
		RSUPV Set I2S Analyzer Format.vi
		RSUPV Get I2S Analyzer Format.vi
		RSUPV Set I2S Analyzer Fsync Slope.vi
		RSUPV Get I2S Analyzer Fsync Slope.vi
		RSUPV Set I2S Analyzer Word Offset.vi
		RSUPV Get I2S Analyzer Word Offset.vi
		RSUPV Set I2S Analyzer Input.vi
		RSUPV Get I2S Analyzer Input.vi
		RSUPV Set I2S Analyzer Channel Mode.vi
		RSUPV Get I2S Analyzer Channel Mode.vi
		RSUPV Set I2S Analyzer Sample Frequency.vi
		RSUPV Get I2S Analyzer Sample Frequency.vi
		RSUPV Set Analyzer Level Meas Bandwidth.vi
		RSUPV Get Analyzer Level Meas Bandwidth.vi
		RSUPV Set Analyzer Level Meas Bandwidth Value.vi
		RSUPV Get Analyzer Level Meas Bandwidth Value.vi
		RSUPV Set Analyzer Level Meas Frequency Mode.vi
		RSUPV Get Analyzer Level Meas Frequency Mode.vi
		RSUPV Set Analyzer Level Meas Frequency Value.vi
		RSUPV Get Analyzer Level Meas Frequency Value.vi
		RSUPV Set Analyzer Level Meas Frequency Factor.vi
		RSUPV Get Analyzer Level Meas Frequency Factor.vi
		RSUPV Set Analyzer Level Meas Frequency Start.vi

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Get Analyzer Level Meas Frequency Start.vi
		RSUPV Set Analyzer Level Meas Frequency Stop.vi
		RSUPV Get Analyzer Level Meas Frequency Stop.vi
		RSUPV Set Analyzer Level DC Meas Time.vi
		RSUPV Get Analyzer Level DC Meas Time.vi
		RSUPV Set Analyzer Bargraph State.vi
		RSUPV Get Analyzer Bargraph State.vi
		RSUPV Set Analyzer WaveformMonitor Meas Mode.vi
		RSUPV Get Analyzer WaveformMonitor Meas Mode.vi
		RSUPV Set Analyzer WaveformMonitor Compression Factor.vi
		RSUPV Get Analyzer WaveformMonitor Compression Factor.vi
		RSUPV Set Analyzer WaveformMonitor Trace Length.vi
		RSUPV Get Analyzer WaveformMonitor Trace Length.vi
		RSUPV Set Analyzer WaveformMonitor Trigger Source.vi
		RSUPV Get Analyzer WaveformMonitor Trigger Source.vi
		RSUPV Set Analyzer WaveformMonitor Trigger Level.vi
		RSUPV Get Analyzer WaveformMonitor Trigger Level.vi
		RSUPV Set Analyzer WaveformMonitor Trigger Slope.vi
		RSUPV Get Analyzer WaveformMonitor Trigger Slope.vi
		RSUPV Set Analyzer WaveformMonitor Pretrigger.vi
		RSUPV Get Analyzer WaveformMonitor Pretrigger.vi
		RSUPV Set Analyzer WaveformMonitor Autotrigger.vi
		RSUPV Get Analyzer WaveformMonitor Autotrigger.vi
		RSUPV Set Analyzer SN Meas Mode.vi
		RSUPV Get Analyzer SN Meas Mode.vi
		RSUPV Set Analyzer SN Meas Time.vi
		RSUPV Get Analyzer SN Meas Time.vi
		RSUPV Set Analyzer NOCT Meas Mode.vi
		RSUPV Get Analyzer NOCT Meas Mode.vi
		RSUPV Set Analyzer Record File.vi
		RSUPV Set Analyzer Record Length.vi
		RSUPV Get Analyzer Record Length.vi
		RSUPV Get Analyzer Record File Length.vi
		RSUPV Set Analyzer Record Trigger Source.vi
		RSUPV Get Analyzer Record Trigger Source.vi
		RSUPV Set Analyzer Record Trigger Level.vi
		RSUPV Get Analyzer Record Trigger Level.vi
		RSUPV Set Analyzer Record Trigger Slope.vi
		RSUPV Get Analyzer Record Trigger Slope.vi
		RSUPV Set Analyzer Record Pretrigger.vi
		RSUPV Get Analyzer Record Pretrigger.vi
		RSUPV Set Protocol Analysis State.vi

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Get Protocol Analysis State.vi
		RSUPV Set Protocol Analysis Display State.vi
		RSUPV Get Protocol Analysis Display State.vi
		RSUPV Set Protocol Analysis Display Mode.vi
		RSUPV Get Protocol Analysis Display Mode.vi
		RSUPV Set Protocol Analysis Highlight.vi
		RSUPV Get Protocol Analysis Highlight.vi
		RSUPV Set Protocol Analysis Persistence.vi
		RSUPV Get Protocol Analysis Persistence.vi
		RSUPV Set Protocol Analysis View Mode.vi
		RSUPV Get Protocol Analysis View Mode.vi
		RSUPV Get Protocol Analysis Channel Byte.vi
		RSUPV Set Aux Audio Monitor.vi
		RSUPV Get Aux Audio Monitor.vi
		RSUPV Set Aux Phone State.vi
		RSUPV Get Aux Phone State.vi
		RSUPV Set Aux Phone Permanent State.vi
		RSUPV Get Aux Phone Permanent State.vi
		RSUPV Set Aux Trigger Input Enable.vi
		RSUPV Get Aux Trigger Input Enable.vi
		RSUPV Set Aux Trigger Input Mode.vi
		RSUPV Get Aux Trigger Input Mode.vi
		RSUPV Set Aux Trigger Input Edge.vi
		RSUPV Get Aux Trigger Input Edge.vi
		RSUPV Set Aux Trigger Output Enable.vi
		RSUPV Get Aux Trigger Output Enable.vi
		RSUPV Set Aux Trigger Output Mode.vi
		RSUPV Get Aux Trigger Output Mode.vi
		RSUPV Set Aux Trigger Output Frequency.vi
		RSUPV Get Aux Trigger Output Frequency.vi
		RSUPV Set Aux Trigger Output Edge.vi
		RSUPV Get Aux Trigger Output Edge.vi
		RSUPV Set Sw itcher State.vi
		RSUPV Get Sw itcher State.vi
		RSUPV Set Sw itcher Tracking.vi
		RSUPV Get Sw itcher Tracking.vi
		RSUPV Set Sw itcher Offset.vi
		RSUPV Get Sw itcher Offset.vi
		RSUPV Set Sw itcher Input.vi
		RSUPV Get Sw itcher Input.vi
		RSUPV Set Sw itcher Output.vi
		RSUPV Get Sw itcher Output.vi

Driver history for LabVIEW		
Revision	Date	Note
		RSUPV Set Protocol Generator Coding Mode.vi
		RSUPV Get Protocol Generator Coding Mode.vi
		RSUPV Set Protocol Generator CRC.vi
		RSUPV Get Protocol Generator CRC.vi
		RSUPV Set Protocol Generator Validity.vi
		RSUPV Get Protocol Generator Validity.vi
		RSUPV Set Protocol Generator All Bits To Zero.vi
		RSUPV Set Protocol Generator Channel Byte.vi
		RSUPV Get Protocol Generator Channel Byte.vi
		RSUPV Set Protocol Generator Channels.vi
		RSUPV Get Protocol Generator Channels.vi
		RSUPV Set Display Data List Filter.vi
		RSUPV Get Display Data List Filter.vi
		RSUPV Set Display Scan Offset.vi
		RSUPV Get Display Scan Offset.vi
		RSUPV Set Display Sweep Y-Source.vi
		RSUPV Get Display Sweep Y-Source.vi
		RSUPV Set Display FFT Graph Y-Source.vi
		RSUPV Get Display FFT Graph Y-Source.vi
		RSUPV Set Display Waveform Y-Source.vi
		RSUPV Get Display Waveform Y-Source.vi
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1.0.2	02/2006	Modifications - Changed help of rsupv_init() for LAN Interface
1.0.1	04/2005	Modifications - I/O conversion specification fixed: Input: "%le" Output: "%.12f" - System locale are set to default "C"
1.0	01/2005	Created.

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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 more than 80 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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