

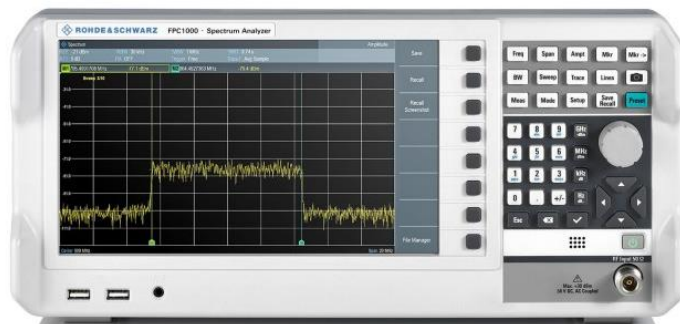
LabVIEW driver history for the R&S® FPH and FPC Spectrum Analyzers Driver Documentation

Products:

- | R&S®FPH



- | R&S®FPC



Driver history for LabVIEW

Table of Contents

1	Supported Instruments.....	3
2	Installation of the LabVIEW driver	4
2.1	Installation on a Windows machine.....	4
2.2	Installation on a non-Windows machine.....	5
3	LabVIEW driver history.....	6

1 Supported Instruments

In the following table the supported R&S instruments and firmware versions are listed:

Which instruments are supported?		
Current revision of instrument driver supports these instruments and firmware versions:		
Instrument	Supported Firmware	Remarks
FPH	1.70	
FPC	1.40	

2 Installation of the LabVIEW driver

Before you start the installer, please close your LabVIEW application.

2.1 Installation on a Windows machine

The driver is distributed as a WinZip self-extracting executable file. Installer supported operation systems: WinXP, Win7, Win8, Win10.

Preconditions:

- LabVIEW 2010 or newer installed
- Any VISA installed – R&S VISA 5.5.4 or newer / NI VISA 5.4 or newer

When you start the driver WinZip installer, the following steps are being performed:

1. Unpacking of the driver's **instr.lib** and **user.lib** directories content as well as the **Installer.vi** into a temporary folder: **C:\temp\rsfph-lv-1.40.0**
The driver is compiled in LabVIEW 2010 32-bit. From there you can copy to another location or run the **Installer.vi** manually later. The content of the temporary folder is not deleted after the installation is finished. Starting the same installation again will overwrite the data in this temporary folder.
2. After unpacking, the **Installer.vi** is automatically started in the last opened version of LabVIEW.
In case you have more than one version of LabVIEW installed on your machine, make sure that the last opened LabVIEW version is the one in which you want to use the driver. If that's not the case, cancel the installation at this point, open and close your desired LabVIEW version and run the installer again. You can have the driver installed parallel for more LabVIEW versions by repeating the installation process for each desired version.
3. On the installer options page you have a choice to uncheck the **Mass-compiling** option (**not recommended, because of the driver's performance penalty as well as VIs opening times**) and also you can change the location of the **instr.lib** part of the driver. **user.lib** part must be placed in the default location, otherwise the Express VI configuration will not function.
On this page you also see the actual LabVIEW version.
Hitting **Next** button will first delete the old driver (if it existed), copy the new driver and mass-compile it.
4. The LabVIEW is closed and after starting it again, the driver is ready for use.

2.2 Installation on a non-Windows machine

In case you would like to install the driver on a non-Windows machine, use a Windows machine to start the driver's WinZip self-extracting executable file. **This machine does not need to have LabVIEW installed.**

After the **Step 1** from the previous chapter is finished, copy the content of the temporary folder to your target machine and start the **Installer.vi** manually. From that point onwards, the installation process is the same as described in the previous chapter Steps 2, 3, and 4.

3 LabVIEW driver history

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
1.40.0	08/2019	<p>* Support for FPH FW 1.70 / FPC FW 1.40</p> <p>* New:</p> <p>RSFPH_ATTR_SUBTRACT_TRACES</p> <p>RSFPH_ATTR_CHANNEL_TABLE_SELECT</p> <p>RSFPH_ATTR_ANALOG_MODULATION_AM_MODULATION_DEPTH_RESULT</p> <p>RSFPH_ATTR_ANALOG_MODULATION_FM_MODULATION_RATE_RESULT</p> <p>- Configure Number Of Sweeps.vi</p> <p>RSFPH_ATTR_NUMBER_OF_SWEEPS</p> <p>- Configure Sweep Points.vi</p> <p>RSFPH_ATTR_SWEEP_POINTS</p> <p>- Configure IQ Trigger Level.vi</p> <p>RSFPH_ATTR_IQ_TRIGGER_LEVEL</p> <p>- Configure Trace Memory State.vi</p> <p>RSFPH_ATTR_TRACE_MEMORY_STATE</p> <p>- Configure Marker Mode.vi</p> <p>RSFPH_ATTR_MARKER_MODE</p> <p>- Set Spectrum Emission Mask Preset.vi</p> <p>RSFPH_ATTR_SPECTRUM_EMISSION_MASK_PRESET</p> <p>- Configure Spectrum Emission Mask Standard.vi</p> <p>RSFPH_ATTR_SPECTRUM_EMISSION_MASK_STANDARD</p> <p>- Configure Spectrum Emission Mask Sweep Mode.vi</p> <p>RSFPH_ATTR_SPECTRUM_EMISSION_MASK_SWEEP_MODE</p> <p>- Configure TOI Measurement Enabled.vi</p> <p>RSFPH_ATTR_TOI_MEASUREMENT_ENABLED</p> <p>- Configure TOI Search.vi</p> <p>RSFPH_ATTR_TOI_SEARCH</p> <p>- Query TOI Result.vi</p> <p>RSFPH_ATTR_QUERY_TOI_RESULT</p> <p>- Configure Marker Tracking Enabled.vi</p> <p>RSFPH_ATTR_MARKER_TRACKING_ENABLED</p> <p>- Configure Display Remote Operation Enabled.vi</p> <p>RSFPH_ATTR_DISPLAY_REMOTE_OPERATION_ENABLED</p> <p>- Configure Zero Span Enabled.vi</p> <p>RSFPH_ATTR_TRACKING_GENERATOR_ZERO_SPAN_ENABLED</p> <p>- Configure Tracking Generator.vi</p> <p>RSFPH_ATTR_TRACKING_GENERATOR_ENABLED</p> <p>RSFPH_ATTR_TRACKING_GENERATOR_AUTO_FREQUENCY_ENABLED</p>

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		RSFPH_ATTR_TRACKING_GENERATOR_FREQUENCY RSFPH_ATTR_TRACKING_GENERATOR_FREQUENCY_OFFSET - Configure Tracking Generator Power.vi RSFPH_ATTR_TRACKING_GENERATOR_POWER - Configure Tracking Generator Attenuation.vi RSFPH_ATTR_TRACKING_GENERATOR_ATTENUATION - Configure Power Meter Wavelength.vi RSFPH_ATTR_PWM_WAVELENGTH - Fetch Power Meter Reflected Result.vi RSFPH_ATTR_PMET_FETCH_REFLECTED - Configure Analog Modulation Reference Deviation.vi RSFPH_ATTR_ANALOG_MODULATION_REFERENCE_DEVIATION - Configure Digital Demodulation Burst State Enabled.vi RSFPH_ATTR_DIGITAL_DEMODULATION_BURST_STATE_ENABLED - Configure Digital Demodulation FSK Frequency Deviation.vi RSFPH_ATTR_DIGITAL_DEMODULATION_FSK_FREQUENCY_DEVIATION - Receiver Synchronize Bargraph Frequency To Specified Marker.vi RSFPH_ATTR_RECEIVER_SYNCHRONIZE_BARGRAPH_FREQUENCY_TO_SPECIFIED_MARKER - Configure Receiver Frequency Scale.vi RSFPH_ATTR_RECEIVER_FREQUENCY_SCALE - Set Vector Network Analyzer Mode.vi RSFPH_ATTR_INSTRUMENT_MODE - Configure VNA Measurement.vi RSFPH_ATTR_VNA_MEAS_MODE RSFPH_ATTR_VNA_MEAS_FORMAT - Configure DTF Settings Coupling Enabled.vi RSFPH_ATTR_DTF_SETTINGS_COUPLING_ENABLED - Calibration Step.vi RSFPH_ATTR_ABORT_CALIBRATION RSFPH_ATTR_CONTINUE_CALIBRATION RSFPH_ATTR_START_FULL_S11_CALIBRATION RSFPH_ATTR_START_EASY_S11_CALIBRATION RSFPH_ATTR_START_S21_CALIBRATION - Query Calibration Mode.vi RSFPH_ATTR_QUERY_CALIBRATION_MODE - Query Calibration Status.vi RSFPH_ATTR_QUERY_CALIBRATION_STATUS - Configure System Preset Calibration Discard Enabled.vi RSFPH_ATTR_SYSTEM_PRESET_CALIBRATION_DISCARD_ENABLED - Configure DTF Cable Model Preset.vi RSFPH_ATTR_DTF_CABLE_MODEL_PRESET

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		<ul style="list-style-type: none"> - Configure DTF Measurement Distances.vi RSFPH_ATTR_DTF_START_DISTANCE RSFPH_ATTR_DTF_STOP_DISTANCE - Configure DTF List Threshold.vi RSFPH_ATTR_DTF_LIST_THRESHOLD - Query DTF Peak Count.vi RSFPH_ATTR_DTF_PEAK_COUNT - Query DTF Peak List Results.vi - Configure DTF Display Enabled.vi RSFPH_ATTR_DTF_DISPLAY_ENABLED - Configure VNA Cable Loss Format.vi RSFPH_ATTR_VNA_CABLE_LOSS_REFERENCE_LEVEL RSFPH_ATTR_VNA_CABLE_LOSS_REFERENCE_POSITION RSFPH_ATTR_VNA_CABLE_LOSS_Y_AXIS_RANGE - Configure VNA Return Loss Format.vi RSFPH_ATTR_VNA_RETURN_LOSS_REFERENCE_LEVEL RSFPH_ATTR_VNA_RETURN_LOSS_REFERENCE_POSITION RSFPH_ATTR_VNA_RETURN_LOSS_Y_AXIS_SCALE RSFPH_ATTR_VNA_RETURN_LOSS_LOG_RANGE - Configure VNA Phase Format.vi RSFPH_ATTR_VNA_PHASE_REFERENCE_LEVEL RSFPH_ATTR_VNA_PHASE_REFERENCE_POSITION RSFPH_ATTR_VNA_PHASE_UNWRAPPING_ENABLED RSFPH_ATTR_VNA_PHASE_Y_AXIS_RANGE - Configure VNA SWR Y Axis Range.vi RSFPH_ATTR_VNA_SWR_Y_AXIS_RANGE - Configure VNA SWR Y Axis Min Max.vi RSFPH_ATTR_VNA_SWR_Y_AXIS_MINIMUM RSFPH_ATTR_VNA_SWR_Y_AXIS_MAXIMUM - Configure Smith Chart Reference Impedance Marker.vi RSFPH_ATTR_SMITH_CHART_REFERENCE_IMPEDANCE_MARKER - Configure Status Checking.vi - Configure Range Checking.vi <p>* Updated:</p> <ul style="list-style-type: none"> - Configure Reference Level Units.vi - Range table updated - Configure Vertical Range.vi - Range table and help updated - Configure Trigger Source.vi - IQ Power and Gated trigger sources added - Query Transducer Factor Units.vi - Range table updated - Configure Trace.vi - Freeze, Infinite, and Blank trace modes added

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		<ul style="list-style-type: none"> - Configure Subtract Traces Math.vi - Updated to use RSFPH_ATTR_SUBTRACT_TRACES - Configure ACLR Power.vi - Range table and help updated - Configure ACLR Reference Channel.vi - Range table and help updated - Query Detected Accessory.vi - Z44 and ZN_Z103 added to accessories - Configure IP Address.vi - Now works - Data Set File Operations.vi - Load dataset from PC operation added - Configure Power Meter Units.vi - Range table updated - Query Analog Modulation Results.vi - AM Depth and FM Rate added - RSFPH_ATTR_FREQUENCY_OFFSET - Range table updated - RSFPH_ATTR_AMPLITUDE_UNITS - Range table updated - RSFPH_ATTR_NUMBER_OF_SWEEPS - Range table updated - RSFPH_ATTR_SWEEP_POINTS - No longer read only, range table added, enabled for FPH - RSFPH_ATTR_TRIGGER_SOURCE - IQ Power and Gated trigger sources added - RSFPH_ATTR_TRACE_TYPE - Freeze, Infinite, and Blank trace modes added - RSFPH_ATTR_MEAS_POW_STANDARD - Now write only - RSFPH_ATTR_ACLR_RELATIVE_LIMIT_CHECK - Range table added - RSFPH_ATTR_ACLR_ABSOLUTE_LIMIT_CHECK - Range table added - RSFPH_ATTR_ACLR_RESULT_UNIT - Range table updated - RSFPH_ATTR_ACLR_REFERENCE_CHANNEL_AUTOMATIC_SELECTION - Manual selection added - RSFPH_ATTR_ACLR_TRANSMISSION_CHANNEL_AS_REFERENCE_CHANNEL - Range table added - RSFPH_ATTR_ACLR_ALTERNATE_RELATIVE_LIMIT_CHECK - Range table added - RSFPH_ATTR_ACLR_ALTERNATE_ABSOLUTE_LIMIT_CHECK - Range table added - RSFPH_ATTR_CHANNEL_POWER_UNIT - Range table updated - RSFPH_ATTR_TFAC_UNIT - Range table updated - RSFPH_ATTR_SYST_ACCESSORY - Z44 and ZN_Z103 added to accessories - RSFPH_ATTR_INSTRUMENT_MODE - Vector network analyzer added (for FPC) - RSFPH_ATTR_DISP_REF_POSITION - Range table updated - RSFPH_ATTR_PWM_UNIT - Range table updated - RSFPH_ATTR_DIGITAL_DEMODULATION_MODULATION_DEPTH_RESULT - Corrected name (was MODULAITON) <p>* Removed:</p> <ul style="list-style-type: none"> - Configure Status Register Format.vi
1.30.0	09/2017	<ul style="list-style-type: none"> * Added supported instrument FPC1000 * Update for FPH Firmware 1.30 * New VIs: <ul style="list-style-type: none"> - Configure Power Meter Forward Power Display.vi RSFPH_ATTR_PWM_FORWARD_POWER_DISPLAY - Select Power Measurement.vi RSFPH_ATTR_MEAS_POW_SELECT RSFPH_ATTR_MEAS_POW_OFF

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		<ul style="list-style-type: none"> - Configure Power Standard.vi RSFPH_ATTR_MEAS_POW_STANDARD - Query Power Measurements Results.vi - Query Power Standard Check.vi RSFPH_ATTR_MEAS_POW_STANDARD_CHECK - Adjust Power Reference Level.vi RSFPH_ATTR_MEAS_POW_ADJUST_REFERENCE_LEVEL - Set Analog Modulation Mode.vi RSFPH_ATTR_INSTRUMENT_MODE - Configure Analog Modulation Limit Line.vi RSFPH_ATTR_ANALOG_MODULATION_LIMIT_LINE_SELECT - Delete Analog Modulation Limit Line.vi RSFPH_ATTR_ANALOG_MODULATION_LIMIT_LINE_DELETE - Query Analog Modulation Limit Check Result.vi RSFPH_ATTR_ANALOG_MODULATION_LIMIT_LINE_CHECK_RESULT - Configure Analog Modulation Result Display.vi RSFPH_ATTR_ANALOG_MODULATION_RESULT_DISPLAY - Query Analog Modulation Results.vi RSFPH_ATTR_ANALOG_MODULATION_FM_OFFSET RSFPH_ATTR_ANALOG_MODULATION_CARRIER_POWER_RESULT RSFPH_ATTR_ANALOG_MODULATION_SINAD_RESULT RSFPH_ATTR_ANALOG_MODULATION_THD_RESULT RSFPH_ATTR_ANALOG_MODULATION_AUDIO_FREQUENCY_RESULT RSFPH_ATTR_ANALOG_MODULATION_FREQUENCY_ERROR_RESULT RSFPH_ATTR_ANALOG_MODULATION_AM_MODULATION_INDEX_RESULT RSFPH_ATTR_ANALOG_MODULATION_AM_MAX_RESULT RSFPH_ATTR_ANALOG_MODULATION_AM_MIN_RESULT RSFPH_ATTR_ANALOG_MODULATION_AM_AVERAGE_RESULT RSFPH_ATTR_ANALOG_MODULATION_AM_RMS_RESULT RSFPH_ATTR_ANALOG_MODULATION_FM_MAX_RESULT RSFPH_ATTR_ANALOG_MODULATION_FM_MIN_RESULT RSFPH_ATTR_ANALOG_MODULATION_FM_AVERAGE_RESULT RSFPH_ATTR_ANALOG_MODULATION_FM_RMS_RESULT - Configure Channel Power.vi RSFPH_ATTR_CHANNEL_POWER_BANDWIDTH RSFPH_ATTR_CHANNEL_POWER_DISPLAY_MODE RSFPH_ATTR_CHANNEL_POWER_UNIT RSFPH_ATTR_CHANNEL_POWER_PER_HERTZ - Receiver Synchronize Bargraph Frequency To Marker.vi RSFPH_ATTR_RECEIVER_SYNCHRONIZE_BARGRAPH_FREQUENCY_TO_MARKER - Configure AM Modulation Depth.vi

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		RSFPH_ATTR_MODULATION_DEPTH_STATE - Query AM Modulation Depth Result.vi RSFPH_ATTR_MODULATION_DEPTH_RESULT - Configure Occupied Bandwidth.vi RSFPH_ATTR_OCCUPIED_BANDWIDTH_CHANNEL_BANDWIDTH RSFPH_ATTR_OCCUPIED_BANDWIDTH_POWER_PERCENTAGE - Receiver Reset Maxhold Information.vi RSFPH_ATTR_RECEIVER_RESET_MAXHOLD_INFORMATION - Configure Receiver Trace Style.vi RSFPH_ATTR_RECEIVER_TRACE_STYLE - Configure Deviation Per Division.vi RSFPH_ATTR_DISPLAY_DEVIATION_PER_DIVISION - Configure Isotropic Antenna.vi RSFPH_ATTR_ISOTROPIC_ANTENNA_STATE RSFPH_ATTR_ISOTROPIC_ANTENNA_DIRECTION - Configure Transducer Factor Isotropic Antenna.vi RSFPH_ATTR_TRANSDUCER_FACTOR_ISOTROPIC_ANTENNA - Configure Analog Modulation Bandwidth.vi RSFPH_ATTR_ANALOG_MODULATION_BANDWIDTH - Query Analog Modulation Measurement Time.vi RSFPH_ATTR_ANALOG_MODULATION_MEASUREMENT_TIME - Configure Receiver CISPR Bandwidth.vi RSFPH_ATTR_RECEIVER_CISPR_BANDWIDTH_AUTO RSFPH_ATTR_RECEIVER_CISPR_BANDWIDTH - Configure Channel Table.vi RSFPH_ATTR_CHANNEL_NUMBER RSFPH_ATTR_CHANNEL_TABLE_DOWNLINK RSFPH_ATTR_CHANNEL_TABLE_UPLINK - Configure Analog Modulation Deemphasis.vi RSFPH_ATTR_ANALOG_MODULATION_DEEMPHASIS_ENABLED RSFPH_ATTR_ANALOG_MODULATION_DEEMPHASIS_TIME_CONSTANT - Configure Receiver Scan Range.vi RSFPH_ATTR_RECEIVER_SCAN_RANGE_START RSFPH_ATTR_RECEIVER_SCAN_RANGE_STOP RSFPH_ATTR_RECEIVER_SCAN_RANGE_STEP_SIZE - Configure Beeper On Power Overload.vi RSFPH_ATTR_BEEPER_ON_POWER_OVERLOAD - Configure System Capture Items.vi RSFPH_ATTR_SYST_CAPTURE_DATASET_STATE RSFPH_ATTR_SYST_CAPTURE_SCREEN_STATE RSFPH_ATTR_SYST_CAPTURE_GPX_INFORMATION_STATE

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		<ul style="list-style-type: none"> - Configure GPS Receiver.vi RSFPH_ATTR_GPS_RECEIVER_STATE - Query GPS Receiver Data.vi RSFPH_ATTR_GPS_RECEIVER_CONNECTED RSFPH_ATTR_GPS_RECEIVER_CORRECTION_FREQUENCY RSFPH_ATTR_GPS_RECEIVER_SATELLITES RSFPH_ATTR_GPS_RECEIVER_QUALITY - Query GPS Receiver Coordinates.vi RSFPH_ATTR_GPS_RECEIVER_LATITUDE RSFPH_ATTR_GPS_RECEIVER_LONGITUDE RSFPH_ATTR_GPS_RECEIVER_ALTITUDE - Query GPS Receiver Valid Position.vi RSFPH_ATTR_GPS_RECEIVER_VALID_POSITION - Set Receiver Mode.vi RSFPH_ATTR_INSTRUMENT_MODE - Set Digital Demodulation Mode.vi RSFPH_ATTR_INSTRUMENT_MODE - Select Digital Demodulation Measurement.vi RSFPH_ATTR_DIGITAL_DEMODULATION_SELECT_MEASUREMENT - Select Digital Demodulation Measurement.vi RSFPH_ATTR_DIGITAL_DEMODULATION_SELECT_MEASUREMENT - Configure Digital Demodulation.vi RSFPH_ATTR_DIGITAL_DEMODULATION_SYMBOL_RATE RSFPH_ATTR_DIGITAL_DEMODULATION_NUMBER_OF_SYMBOLS - Configure Digital Demodulation Filter.vi RSFPH_ATTR_DIGITAL_DEMODULATION_MEASUREMENT_FILTER RSFPH_ATTR_DIGITAL_DEMODULATION_FILTER_TYPE RSFPH_ATTR_DIGITAL_DEMODULATION_FILTER_ROLL_OFF_FACTOR - Configure Digital Demodulation Result Display.vi RSFPH_ATTR_DIGITAL_DEMODULATION_RESULT_DISPLAY - Query Digital Demodulation Results.vi RSFPH_ATTR_DIGITAL_DEMODULATION_FSK_OFFSET RSFPH_ATTR_DIGITAL_DEMODULATION_CARRIER_POWER_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_CARRIER_FREQUENCY_DRIFT_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_CARRIER_FREQUENCY_ERROR_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_MODULATION_DEPTH_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_FREQUENCY_DEVIATION_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_MAGNITUDE_ERROR_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_MODULATION_INDEX_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_MODULATION_ERROR_RESULT RSFPH_ATTR_DIGITAL_DEMODULATION_CARRIER_SIGNAL_POWER_RESULT

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		<ul style="list-style-type: none"> - Query Device Numbers.vi RSFPH_ATTR_SYSTEM_DEVICE_MATERIAL_NUMBER RSFPH_ATTR_SYSTEM_DEVICE_SERIAL_NUMBER - Hardcopy Print Screen To File.vi - Configure Status Register Format.vi RSFPH_ATTR_STATUS_REGISTER_FORMAT - Configure Analog Modulation Lowpass Filter.vi RSFPH_ATTR_ANALOG_MODULATION_AUDIO_LOWPASS_FILTER - Query Memory Info.vi RSFPH_ATTR_SYSTEM_TOTAL_RAM RSFPH_ATTR_SYSTEM_TOTAL_STORAGE RSFPH_ATTR_SYSTEM_USED_RAM RSFPH_ATTR_SYSTEM_USED_STORAGE RSFPH_ATTR_SYSTEM_FREE_RAM RSFPH_ATTR_SYSTEM_FREE_STORAGE - Configure Display Length Unit.vi RSFPH_ATTR_DISPLAY_UNIT_LENGTH - Configure ACLR Power.vi RSFPH_ATTR_ACLR_CHANNEL_MODE RSFPH_ATTR_ACLR_NUMBER_OF_ADJACENT_CHANNELS RSFPH_ATTR_ACLR_TRANSMISSION_CHANNEL_COUNT RSFPH_ATTR_ACLR_RESULT_UNIT - Configure ACLR Reference Channel.vi RSFPH_ATTR_ACLR_REFERENCE_CHANNEL_AUTOMATIC_SELECTION RSFPH_ATTR_ACLR_TRANSMISSION_CHANNEL_AS_REFERENCE_CHANNEL - Configure ACLR Spacing.vi RSFPH_ATTR_ACLR_TRANSMISSION_CHANNEL_SPACING RSFPH_ATTR_ACLR_ADJACENT_CHANNEL_SPACING RSFPH_ATTR_ACLR_ALTERNATE_CHANNEL_SPACING - Configure ACLR Bandwidth.vi RSFPH_ATTR_ACLR_CHANNEL_BANDWIDTH RSFPH_ATTR_ACLR_ADJACENT_CHANNEL_BANDWIDTH RSFPH_ATTR_ACLR_ALTERNATE_CHANNEL_BANDWIDTH - Adjust ACLR Reference Level.vi RSFPH_ATTR_ACLR_ADJUST_REFERENCE_LEVEL - Query ACLR Total TX Channel Power.vi RSFPH_ATTR_ACLR_TOTAL_TX_CHANNEL_POWER - Configure ACLR Limit Check State.vi RSFPH_ATTR_ACLR_LIMIT_CHECK_STATE - Configure ACLR Adjacent Channel Limit Check.vi RSFPH_ATTR_ACLR_RELATIVE_LIMIT_CHECK_STATE

LabVIEW Instrument Driver		
Driver history		
Revision	Date	Note
		<ul style="list-style-type: none"> RSFPH_ATTR_ACLR_RELATIVE_LIMIT_CHECK RSFPH_ATTR_ACLR_ABSOLUTE_LIMIT_CHECK_STATE RSFPH_ATTR_ACLR_ABSOLUTE_LIMIT_CHECK - Configure ACLR Alternate Channel Limit Check.vi RSFPH_ATTR_ACLR_ALTERNATE_RELATIVE_LIMIT_CHECK_STATE RSFPH_ATTR_ACLR_ALTERNATE_RELATIVE_LIMIT_CHECK RSFPH_ATTR_ACLR_ALTERNATE_ABSOLUTE_LIMIT_CHECK_STATE RSFPH_ATTR_ACLR_ALTERNATE_ABSOLUTE_LIMIT_CHECK - Query ACLR Adjacent Channel Limit Check Result.vi - Query ACLR Alternate Channel Limit Check Result.vi - Configure TDMA Burst Length.vi RSFPH_ATTR_TDMA_BURST_LENGTH - Configure Harmonic Distortion Measurement.vi RSFPH_ATTR_HARMONIC_DISTORTION_STATE RSFPH_ATTR_HARMONIC_DISTORTION_NO_OF_HARMONICS - Adjust Harmonic Distortion Settings.vi RSFPH_ATTR_HARMONIC_DISTORTION_ADJUST_SETTINGS - Query Harmonic Distortion.vi - Query Harmonic Distortion Position List.vi - Set Status Register Bit.vi - Get Status Register Bit.vi * Updated VIs: - Set Status Register.vi - added Sync - Get Status Register.vi - added Sync - Data Set File Operations.vi - added 'Save dataset to PC', 'Save dataset and screenshot to PC'
1.10.0	12/2014	* Initial Release for the FPH firmware 1.10

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 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.

Environmental commitment

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



Regional contact

Europe, Africa, Middle East

+49 89 4129 12345

customersupport@rohde-schwarz.com

North America

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

customer.support@rsa.rohde-schwarz.com

Latin America

+1-410-910-7988

customersupport.la@rohde-schwarz.com

Asia/Pacific

+65 65 13 04 88

customersupport.asia@rohde-schwarz.com

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG; Trade names are trademarks of the owners.

Rohde & Schwarz GmbH & Co. KG

Mühlhofstraße 15 | D - 81671 München

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

www.rohde-schwarz.com