

# Driver history for Signal Analyzers R&S<sup>®</sup> FSQ, R&S<sup>®</sup> FSG Signal Source Analyzers R&S<sup>®</sup> FSUP, Measuring Receiver R&S<sup>®</sup> FSMR

## Contents

Contents .....	1
FSQ, FSG, FSUP, FSMR driver history .....	1

FSQ, FSG, FSUP, FSMR driver history		
Revision	Date	Note
4.25.0	01/2008	<p>Modifications:</p> <ul style="list-style-type: none"> <li>- Driver update for FSQ Spectrum Analyzer Firmware 4.25</li> <li>- Driver update for FSG Spectrum Analyzer Firmware 4.29</li> <li>- Driver update for FSMR Spectrum Analyzer Firmware 4.26</li> </ul> <p>- List of options:</p> <ul style="list-style-type: none"> <li>- K5 GSM/EDGE (4.20)</li> <li>- K7 FM-Demodulator (4.20)</li> <li>- K8 Bluetooth (4.20)</li> <li>- K9 Power sensor measurements (4.20)</li> <li>- K30 Noise Figure and Gain Measurements (4.20)</li> <li>- K40 Phase Noise Measurements (4.20)</li> <li>- K70 Vector Signal Analysis (4.20)</li> <li>- K72 3GPP FDD Base Station Test (4.20)</li> <li>- K73 3GPP FDD User Equipment Test (4.20)</li> <li>- K74 3GPP HSDPA Base Station Test (4.20)</li> <li>- K76 TD-SCDMA Base Station Test (4.20)</li> <li>- K77 TD-SCDMA Mobile Station Test (4.20)</li> <li>- K82 cdma2000 Base Station Test (4.20)</li> <li>- K83 cdma2000/1xEV-DV Mobile Station Test (4.20)</li> <li>- K84 1xEV-DO Base Station Test (4.20)</li> <li>- K85 1xEV-DO Mobile Station Test (4.20)</li> <li>- K90 WLAN 802.11a/g Tests (4.20)</li> <li>- K91 WLAN 802.11 Tests (4.20)</li> <li>- K92 WiMAX IEEE 802.16-2004 TX Measurement (4.20)</li> <li>- K93 WiMAX IEEE 802.16-2004, IEEE 802.16e-2005 TX Tests (4.20)</li> </ul> <p>- Updated functions:</p> <ul style="list-style-type: none"> <li>- rsfsq_confTrg - IFP range changed</li> <li>- rsfsq_confTracelQ - Number of samples range changed for B100 and B102 option</li> <li>- rsfsq_confCDPSlotSetsCount - range changed for B100 and B102 option</li> </ul> <p>- New functions:</p> <ul style="list-style-type: none"> <li>- rsfsq_getTransducerActive</li> <li>- rsfsq_confTrackExtSendCmd</li> <li>- rsfsq_actLimitLines</li> <li>- rsfsq_getIDStringFactory</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

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		<ul style="list-style-type: none"> <li>- rsfsq_confSEMListEvaluationState</li> <li>- rsfsq_confSEMPeakSearch</li> <li>- rsfsq_ReadSEMListEvaluationResults</li> <li>- rsfsq_dataReadTraceOnly .. utility function</li> <li>- rsfsq_confFileHeader</li> <li>- rsfsq_confFileDataMode</li> <li>- rsfsq_confFileDataRaw</li>   <li>- K5 option</li> <li>- New functions: <ul style="list-style-type: none"> <li>- rsfsq_confGsmModulationSpectrumListAverage</li> <li>- rsfsq_confGsmExtendedSlotState</li> <li>- rsfsq_confGsmExtendedSlot</li> <li>- rsfsq_confGsmExtendedSlotCommonSettings</li> <li>- rsfsq_confGsmExtendedSlotParameters</li> <li>- rsfsq_confGsmExtendedSlotLimLineCtrl</li> <li>- rsfsq_confGsmExtendedSlotLimitLines</li> <li>- rsfsq_ReadGsmExtendedSlotPtempRef</li> <li>- rsfsq_FetchGsmExtendedSlotPtempRef</li> </ul> </li>   <li>- K7 option: <ul style="list-style-type: none"> <li>- Updated functions: <ul style="list-style-type: none"> <li>- rsfsq_confVSAMDemodFilt ... High pass filter frequency value 20 Hz, Low pass filter frequency value 23.0 kHz added</li> </ul> </li> <li>- New functions: <ul style="list-style-type: none"> <li>- rsfsq_confVSAMDemodFilterWeighting</li> <li>- rsfsq_confVSAMDemodTHDUnit</li> </ul> </li> </ul> </li>   <li>- K8 option: <ul style="list-style-type: none"> <li>- New functions: <ul style="list-style-type: none"> <li>- rsfsq_actVSBToothPacketDataBits</li> <li>- rsfsq_dataVSBToothFMTrace</li> </ul> </li> <li>- Upsated functions: <ul style="list-style-type: none"> <li>- rsfsq_actBToothMeasMode ... new measurement added</li> </ul> </li> </ul> </li>   <li>- K9 option: <ul style="list-style-type: none"> <li>- New functions: <ul style="list-style-type: none"> <li>- rsfsq_confPWRMeterRefLevelOffsetState</li> </ul> </li> </ul> </li>   <li>- B71 option <ul style="list-style-type: none"> <li>- New functions: <ul style="list-style-type: none"> <li>- rsfsq_setRFInTrigger</li> </ul> </li> </ul> </li>   <li>- B17 option: <ul style="list-style-type: none"> <li>- New functions: <ul style="list-style-type: none"> <li>- rsfsq_confDigitalBasebandInput</li> <li>- rsfsq_confDigitalBasebandInputParameters</li> </ul> </li> </ul> </li>   <li>- K30 option: <ul style="list-style-type: none"> <li>- New function: <ul style="list-style-type: none"> <li>- rsfsq_confNoiseXAxisFrequencyDisplay</li> </ul> </li> </ul> </li>   <li>- K72/K74 option: <ul style="list-style-type: none"> <li>- Updated functions: <ul style="list-style-type: none"> <li>- rsfsq_dataReadTraceWCDDP ... CWCDP help updated, ATRACE2 added</li> </ul> </li> </ul> </li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

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		<ul style="list-style-type: none"> <li>- rsfsq_actWCDPMarkMeas ... PSYMBOL and ACHannel added</li> <li>- rsfsq_confWCDPMeasMode ... Frequency Error Vs. Slot measurement added</li>   <li>- K73 option:               <ul style="list-style-type: none"> <li>- New functions:                   <ul style="list-style-type: none"> <li>- rsfsq_confCDPEVMMeasInterval</li> </ul> </li>   <li>- Updated functions:                   <ul style="list-style-type: none"> <li>- rsfsq_actWCDPMSMarkMeas ... values RHO, TOFF, EVMB, EVM, MTYP, ACH added</li> <li>- rsfsq_dataReadTraceWCDP ...RMS of EVM added</li> </ul> </li> </ul> </li>   <li>- K77 option:               <ul style="list-style-type: none"> <li>- Updated functions:                   <ul style="list-style-type: none"> <li>rsfsq_confCDPHighDynamic ... available for K77</li> </ul> </li> </ul> </li>   <li>- K84 option:               <ul style="list-style-type: none"> <li>- New function:                   <ul style="list-style-type: none"> <li>- rsfsq_confCDPPVTLISTEval</li> <li>- rsfsq_readBDOPVTLISTEval</li> <li>- rsfsq_confCDPPVTBurstFit</li> <li>- rsfsq_confCDPPVTRestartOnFail</li> </ul> </li>   <li>- Updated functions:                   <ul style="list-style-type: none"> <li>- rsfsq_confSEMPeaksPerRange ... supported with K84</li> <li>- rsfsq_confSEMMargin ... supported with K84</li> <li>- rsfsq_dataSEMRResults ... supported with K84</li> <li>- rsfsq_actEVDOCDPMarkMeas ... PDMAX, PDMIN, IPMMAX added</li> </ul> </li> </ul> </li>   <li>- K90/91/92/93 option               <ul style="list-style-type: none"> <li>- New functions:                   <ul style="list-style-type: none"> <li>- rsfsq_confWlanSEMMeasurement</li> <li>- rsfsq_confWiMAXFSBW</li> <li>- rsfsq_actWiMAXStoreFrameData</li> <li>- rsfsq_confWiMAXDisplayResultTable</li> <li>- rsfsq_FetchWiMAXUnmodulatedSubcarrierError</li> <li>- rsfsq_confWiMAXTTCTFrame</li> <li>- rsfsq_actWiMAXZoneReset</li> <li>- rsfsq_actWiMAXZoneBurstReset</li> <li>- rsfsq_actWiMAXAILimits</li> <li>- rsfsq_confWiMAXTrackingBasedOn</li> <li>- rsfsq_confWiMAXCaptureCountAuto</li> <li>- rsfsq_confWiMAXNumberOfSubframesToAnalyze</li> <li>- rsfsq_confWiMAXFrameULControlRegionLength</li> <li>- rsfsq_confWiMAXUnmodSubcarrError</li> <li>- rsfsq_actWiMAXUnmodSubcarrErrorResult</li> <li>- rsfsq_dataFetchWiMAXZoneStatCount</li> <li>- rsfsq_actWiMAXBitstreamSelection</li> <li>- rsfsq_confWiMAXDLFramePreambleIndex</li> <li>- rsfsq_actWiMAXGetMarkerTTC</li> </ul> </li>   <li>- Updated functions:                   <ul style="list-style-type: none"> <li>- rsfsq_confWiMAXDemodType</li> <li>- rsfsq_dataFetchWLANBurstAll ... Results help updated</li> <li>- rsfsq_confWiMAXConfigureZoneBurst ... Slot Duration is available for ULMAP burst only</li> </ul> </li> </ul> </li> </ul>

FSQ, FSG, FSUP, FSMR driver history		
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4.0.7	11/2007	Modifications: FSMR only: - Fixed rsfsq_confReceiverCorrection - Delete All I
4.0.6	10/2007	- Beta version of support of FSG  Modifications:  - Fixed data read format string rsfsq_dataReadTraceWLAN (serial interface only) rsfsq_dataReadTraceCDP (serial interface only) rsfsq_dataReadTraceC2k (serial interface only) rsfsq_dataReadTraceWCDP (serial interface only) rsfsq_dataReadTraceWCDMA (serial interface only) rsfsq_dataReadTrace (serial interface only) rsfsq_actWLANGetChannelPower rsfsq_actBurstPwrResult rsfsq_actMeasBurstPwrSeq rsfsq_actMeasListPwrSeq
4.0.5	09/2007	Driver for FSQ Spectrum Analyzer Firmware 4.00 Driver update for FSUP Firmware 4.17 Driver for FSMR Firmware 3.8x  Support for: <b>FSQ3, FSQ8, FSQ26, FSQ40</b> Options: B4, B9, B10, B12, FSU-B21, B23, B25, B71, B72, K5, K7, K8, K9, K30, K40, FSQ-K70, K72, K73, K74, K76, K77, K82, K83, K84, K85, FSQ-K90, FSQ-K91, FSQ-K92, FSQ-K93 <b>FSUP8, FSUP26, FSUP50</b> Options: FSU-B4, FSP-B10, FSU-B21, FSU-B23, FSU-B25, K5, K7, K8, K9, K30, FSQ-K70, K72, K73, K74, K76, K77, K82, K83, K84, K85, <b>FSMR3, FSMR26, FSMR50</b> Options: B2, B4, B9, B18, B19, B23, B25, B223, K4, K5, K30, K40, K70, K72, K73, K74, K76, K77, K82, K83, K84, K85  Modifications: - Driver update for FSUP Firmware 4.17 - Option checking redesigned - Modified Functions: rsfsq_actPhasNoisMarkerZoom rsfsq_defaultInstrSetup rsfsq_setStatusRegister rsfsq_GetStatusRegister rsfsq_confTraceIQ
4.0.4	09/2007	Modifications: - bas and vb files fixed
4.0.3	07/2007	Modifications: - New function for FS-K70: rsfsq_confVSAMDigiDemodWBPath - Updated Functions: rsfsq_confTraceIQ rsfsq_confTraceIQSrate rsfsq_confTraceIQExtBwFilter rsfsq_confFFTDitherInput rsfsq_setADEMBandwidth - function panel name corrected: rsfsq_confWiMAXCenterFrequency

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4.0.2	05/2007	Modifications: - New functions for FS-K93: rsfsq_confWiMAXSEMMode rsfsq_confWiMAXSEMANalysis rsfsq_confWiMAXSEMPowerClass rsfsq_confWiMAXLoadSEMDData rsfsq_dataWiMAXSEMResults
4.0.1	04/2007	Modifications: - Added rsfsq_dataReadSymbolWindow - Modified rsfsq_dataReadSymbol (changed data type, fixed)
4.0.0	12/2006	- Driver update for FSQ Spectrum Analyzer Firmware 4.00 - Driver update for FSMR Firmware 3.8x - List of options: - K5 GSM/EDGE (4.00) - K7 FM-Demodulator (3.80) - K8 Bluetooth (3.80) - K9 Power sensor measurements (3.80) - K30 Noise Figure and Gain Measurements (4.00) - K40 Phase Noise Measurements (4.00) - K70 Vector Signal Analysis (4.00) - K72 3GPP FDD Base Station Test (4.00) - K73 3GPP FDD User Equipment Test (4.00) - K74 3GPP HSDPA Base Station Test (3.80) - K76 TD-SCDMA Base Station Test (4.00) - K77 TD-SCDMA Mobile Station Test (4.00) - K82 cdma2000 Base Station Test (4.00) - K83 cdma2000/1xEV-DV Mobile Station Test (4.00) - K84 1xEV-DO Base Station Test (4.00) - K85 1xEV-DO Mobile Station Test (4.00) - K90 WLAN 802.11a/g Tests (4.00) - K91 WLAN 802.11 Tests (4.00) - K92 WiMAX IEEE 802.16-2004 TX Measurement (4.00) - K93 WiMAX IEEE 802.16-2004, IEEE 802.16e-2005 TX Tests (4.00)  - New Functions: SE Get Measurement Peak List (rsfsq_confSEGetMeasurementPeakList) SE List Evaluation State (rsfsq_confSEListEvaluationState) Memory Size on Boards (rsfsq_memSizeBoards)  - Updated Functions: Sweep Points (rsfsq_confSweepPoints) SE Sweep Points (rsfsq_confSESweepPoints) Trigger (rsfsq_confTrg)  - K7 - Updated Functions: Vector Signal Analysis Mode (rsfsq_confVSAMDemodMode)  - K9 - New Functions: PWR Meter Meas Time Manual (rsfsq_confPMPmetMeasTimeManual)  - K72 - Updated Functions: Read WCDMA Trace Data (rsfsq_dataReadTraceWCDMA)  - K76

## FSQ, FSG, FSUP, FSMR driver history

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		<ul style="list-style-type: none"> <li>- New Functions: CDP High Dynamic (rsfsq_confCDPHighDynamic)</li> <li>- Updated Functions: Configure CDP Measurement (rsfsq_confCDPMeas) CDP Channel Table Data (rsfsq_confCDPChTableData)</li> <li>- K84</li> <li>- New Functions: CDP Revision (rsfsq_confCDPRevision)</li> <li>- FSMR</li> <li>- New Functions: Receiver Level Auto Average (rsfsq_confReceiverLevelAutoAverage) Receiver Level Auto Average Data (rsfsq_confReceiverLevelAutoAverageData) Receiver Level VSWR Correction (rsfsq_confReceiverLevelVSWRCorrection) Receiver Level Detector (rsfsq_confReceiverLevelDetector) Receiver Modulation Standard Uncertainty (rsfsq_dataReceiverModulationStandardUncertainty)</li> </ul>
3.8.2	08/2006	<p>Removed FSEx compatibility checking, for systems unable to pass a NULL pointer to a function argument (Visual Basic ...)</p> <ul style="list-style-type: none"> <li>- rsfsq_actMarkValue</li> <li>- rsfsq_actMarkDeltaValue</li> </ul> <p>Added C# wrapper. Rsfsq.cs is installed with VXIPnP driver in the VXIPnP folder ~\WinNT\include</p>
3.8.1	07/2006	<p>For VC only:</p> <ul style="list-style-type: none"> <li>- Removed of 'class' keyword</li> </ul>
3.8.0	02/2006	<p>Modifications:</p> <ul style="list-style-type: none"> <li>- Driver update for FSQ Spectrum Analyzer Firmware 3.8x</li> <li>- Driver update for FSMR Firmware 3.85</li> <li>- Improved synchronization for error checking - new function rsfsq_clearBeforeRead</li> <li>- Added function rsfsq_confGetMarkerPosition</li> <li>- Binary transmission modified. ASCII transfer returned, termination character readout fixed: <ul style="list-style-type: none"> <li>rsfsq_getADemodResultValues</li> <li>rsfsq_dataReadTrace</li> <li>rsfsq_dataWriteTrace</li> <li>rsfsq_dataReadTraceIQ</li> <li>rsfsq_dataReadMemoryIQ</li> <li>rsfsq_dataReadSymbol</li> <li>rsfsq_dataReadTraceWCDP</li> <li>rsfsq_dataReadTraceC2kCDP</li> <li>rsfsq_dataSEMRResults</li> <li>rsfsq_dataSEMMeasurementResults</li> </ul> </li> <li>- List of options: <ul style="list-style-type: none"> <li>- K5 GSM/EDGE (3.80)</li> <li>- K7 FM-Demodulator (3.80)</li> <li>- K8 Bluetooth (3.80)</li> <li>- K9 Power sensor measurements (3.80)</li> <li>- K30 Noise Figure and Gain Measurements (3.80)</li> <li>- K40 Phase Noise Measurements (3.80)</li> <li>- K70 Vector Signal Analysis (3.80)</li> <li>- K72 3GPP FDD Base Station Test (3.80)</li> <li>- K73 3GPP FDD User Equipment Test (3.80)</li> </ul> </li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- K74 3GPP HSDPA Base Station Test (3.80)</li> <li>- K76 TD-SCDMA Base Station Test (3.80)</li> <li>- K77 TD-SCDMA Mobile Station Test (3.80)</li> <li>- K82 cdma2000 Base Station Test (3.80)</li> <li>- K83 cdma2000/1xEV-DV Mobile Station Test (3.80)</li> <li>- K84 1xEV-DO Base Station Test (3.80)</li> <li>- K85 1xEV-DO Mobile Station Test (3.80)</li> <li>- K90 WLAN 802.11a/g Tests (3.80)</li> <li>- K91 WLAN 802.11 Tests (3.80)</li> <li>- K92 WiMAX IEEE 802.16-2004 TX Measurement (3.80)</li> </ul> <p>- New functions:</p> <ul style="list-style-type: none"> <li>Conversion Loss Table Catalog (rsfsq_confExtMixLossCatalog)</li> <li>Limit Lines Catalog (rsfsq_confLimitLineCatalog)</li> <li>Transducer Catalog (rsfsq_confTransCatalog)</li> <li>List Power Set Average Type (rsfsq_confListPwrSetAverType)</li> <li>Marker Demodulation Squelch (rsfsq_confSAMMarkDemodSquelch)</li> <li>Channel Power Alternate Channel Spacing (rsfsq_confSAMMarkChPowAltChanSpac)</li> <li>Channel Power Alternate Channel Bandwidth (rsfsq_confSAMMarkChPowAltChanBwid)</li> <li>Channel Power Mode (rsfsq_confSAMMarkChPowMode)</li> <li>Channel Power Alternate Channel Limit (rsfsq_confSAMMarkAltChPowLim)</li> <li>Signal Statistics Scaling Units (rsfsq_confSAMSigStatScalUnits)</li> <li>Tracking Generator Power Sweep (rsfsq_confTrackPowSwe)</li> <li>SE Get Number Of Ranges (rsfsq_confSEGetNumberOfRanges)</li> <li>Trace Results (rsfsq_actTraceResults)</li> <li>Trace Level (rsfsq_actTraceLevel)</li> <li>Get CCDF Statistics (rsfsq_actSAMCCDFStat)</li> <li>ID String Factory (rsfsq_idStringFactory)</li> </ul> <p>- Updated functions:</p> <ul style="list-style-type: none"> <li>Emulation (rsfsq_confEmulation)</li> <li>Marker Search N dB (rsfsq_confSAMMarkSearchNdB)</li> <li>Channel Power Channels (rsfsq_confSAMMarkChPowChanChannels)</li> <li>Channel Power Channel Opt (rsfsq_confSAMMarkChPowChanOpt)</li> <li>Channel Power Measurement Limit (rsfsq_confSAMMarkChPowLimExt)</li> <li>Get ACP Limit Check (rsfsq_actSAMACPLimitCheck)</li> </ul> <p>- K5</p> <ul style="list-style-type: none"> <li>- New functions:</li> <li>GSM IF/RF Power as IQ Trigger (rsfsq_confGSMIfRfPowIQTrig)</li> </ul> <p>- K7</p> <ul style="list-style-type: none"> <li>- New functions:</li> <li>Analog Demod Auto Tune (rsfsq_actAdemodAutoTune)</li> <li>Analog Demodulation Filter Relative (rsfsq_confVSAMDemodFiltRel)</li> </ul> <p>- K40</p> <ul style="list-style-type: none"> <li>- New functions:</li> <li>Phase Noise Trace Math State (rsfsq_confPhasNoisTraceMathState)</li> <li>Phase Noise Trace Math Expression (rsfsq_confPhasNoisTraceMathExpres)</li> <li>Phase Noise Marker Zoom (rsfsq_actPhasNoisMarkerZoom)</li> </ul> <p>- Updated functions:</p> <ul style="list-style-type: none"> <li>Phase Noise Trace Mode (rsfsq_confPhasNoisTraceMode)</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

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		<ul style="list-style-type: none"> <li>- K70</li> <li>- New functions: <ul style="list-style-type: none"> <li>Digital User QAM Modulation (rsfsq_confVSAMDigiUserQamMap)</li> <li>Digital Get User QAM Modulation Level (rsfsq_confGetVSAMDigiUserQamLevel)</li> <li>Get Absolute X Marker Position (rsfsq_getVSAMxMarkPosAbs)</li> </ul> </li> <li>- Updated functions: <ul style="list-style-type: none"> <li>Digital Modulation Standards (rsfsq_confVSAMDigiDemod)</li> </ul> </li> <li>- K72/73/74</li> <li>- New functions: <ul style="list-style-type: none"> <li>CDP HSDPA/UPA State (rsfsq_confCDPHsdpaState)</li> <li>WCDP MS Channel E-DPDCH Table Data (rsfsq_confWCDPMSSEDPDCHChTableData)</li> <li>WCDP MS Channel E-DPDCH (rsfsq_confWCDPMSChEDPDCH)</li> </ul> </li> <li>- Updated functions: <ul style="list-style-type: none"> <li>WCDP Channel Table Data (rsfsq_confWCDPChTableData)</li> </ul> </li> <li>- K82</li> <li>- New functions: <ul style="list-style-type: none"> <li>SEM Peaks Per Range (rsfsq_confSEMPeaksPerRange)</li> <li>SEM Margin (rsfsq_confSEMMargin)</li> <li>Store Spectrum Emission Mask to File (rsfsq_actStoreSEMTToFile)</li> <li>SEM Search Peak (rsfsq_actSEMSearchPeak)</li> <li>SEM Results (rsfsq_dataSEMResults)</li> </ul> </li> <li>- K90/91/92</li> <li>- New functions: <ul style="list-style-type: none"> <li>WLAN Auto Level Time (rsfsq_confWLANAutoLevelTime)</li> <li>WLAN External Trigger Level (rsfsq_confWlanExtTrgLevel)</li> <li>WLAN IQ Input Type (rsfsq_confWLANIQInputType)</li> <li>WLAN PVT Reference Power (rsfsq_confWLANPVTRefPow)</li> <li>WiMAX PVT Burst Selection (rsfsq_confWiMAXPVTBurstSel)</li> <li>WiMAX Demodulation Type (rsfsq_confWiMAXDemodType)</li> <li>WiMAX Marker Burst Constellation Symbol (rsfsq_confWiMAXMarkerBurstConstSymbol)</li> <li>WLAN Burst Recalc (rsfsq_actWLANBurstImm)</li> <li>WLAN Phase/Freq Vs Preamble Select (rsfsq_actWLANPhasFreqVsPreambleSelect)</li> <li>WLAN Load/Store IQ Data (rsfsq_actWlanStoreIQData)</li> <li>Fetch WLAN Burst Count (rsfsq_dataFetchWLANBurstCount)</li> <li>Fetch WLAN Symbol Count (rsfsq_dataFetchWLANSymbolCount)</li> </ul> </li> <li>- Updated functions: <ul style="list-style-type: none"> <li>WLAN Measurement Mode (rsfsq_actWLANMeasMode)</li> <li>WLAN IQ Input (rsfsq_confWLANIQInput)</li> </ul> </li> </ul>
1.8.1	11/2005	<ul style="list-style-type: none"> <li>- Bug fixed functions: <ul style="list-style-type: none"> <li>rsfsq_dataFetchNoiseMeasArray</li> </ul> </li> </ul>
1.8	06/2005	<ul style="list-style-type: none"> <li>- Driver update for FSQ Spectrum Analyzer Firmware 3.65</li> <li>- List of updated options: <ul style="list-style-type: none"> <li>- K5 GSM/EDGE (3.60)</li> <li>- K7 FM-Demodulator (3.60)</li> <li>- K9 Power sensor measurements (3.60)</li> <li>- K30 Noise Figure and Gain Measurements (3.60)</li> <li>- K40 Phase Noise Measurements (3.60)</li> </ul> </li> </ul>



## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- K70 Vector Signal Analysis (3.60)</li> <li>- K72 3GPP FDD Base Station Test (3.60)</li> <li>- K73 3GPP FDD User Equipment Test (3.60)</li> <li>- K74 3GPP HSDPA Base Station Test (3.60)</li> <li>- K76 TD-SCDMA Base Station Test (3.60)</li> <li>- K77 TD-SCDMA Mobile Station Test (3.60)</li> <li>- K82 cdma2000 Base Station Test (3.60)</li> <li>- K83 cdma2000/1xEV-DV Mobile Station Test (3.60)</li> <li>- K84 1xEV-DO Base Station Test (3.60)</li> <li>- K85 1xEV-DO Mobile Station Test (3.60)</li> <li>- K90 WLAN 802.11a/g Tests (3.60)</li> <li>- K91 WLAN 802.11 Tests (3.60)</li> <li>- K92 WiMAX IEEE 802.16-2004 TX Measurement (3.60)</li> </ul> <p>- New functions:</p> <ul style="list-style-type: none"> <li>Trace IQ Extended BW Filter (rsfsq_confTraceIQExtBwFilter)</li> <li>External Trigger Level (rsfsq_confExtTrgLevel)</li> <li>FFT Filter Mode (rsfsq_confFFTFilterMode)</li> <li>Harmonic Distortion State (rsfsq_confHarmDistStat)</li> <li>Number Of Harmonics (rsfsq_confHarmDistCount)</li> <li>Harmonic Resolution BW Auto (rsfsq_confHarmDistRbwAuto)</li> <li>Channel Power Separate Channel Spacing (rsfsq_confSAMSeparateChannelSpacing)</li> <li>PWR Meter External Sensor (rsfsq_confPWRMeterExtSensor)</li> <li>Harmonic Distortion Adjust Settings (rsfsq_actHarmDistPreset)</li> <li>Get Harmonic Distortion Result Values (rsfsq_getHarmDistResultValues)</li> <li>Get First Harmonic Frequency (rsfsq_actHarmDistFirstFreq)</li> </ul> <p>- Updated functions:</p> <ul style="list-style-type: none"> <li>Trace IQ Set (rsfsq_confTraceIQ)</li> <li>Power Splitter State (rsfsq_confPowerSplitterState)</li> <li>Power Splitter Insertion Loss (rsfsq_confPowerSplitterInsertionLoss)</li> <li>Power Splitter Path Loss (rsfsq_confPowerSplitterPathLoss)</li> <li>Set Status Register (rsfsq_setStatusRegister)</li> <li>Get Status Register (rsfsq_getStatusRegister)</li> <li>Vector Signal Analysis Mode (rsfsq_confVSAMDemodMode)</li> <li>Configure WCDPower Measurement (rsfsq_confWCDPMeas)</li> <li>Gate Settings (rsfsq_confSAMGateSet)</li> </ul> <p>Enable VXI-11 rsfsq_init() Changes for VXI-11 rsfsq_close()</p> <p>- Moved to Obsolete functions:</p> <ul style="list-style-type: none"> <li>Channel Power Channel Spacing (confSAMChannelSpacing)</li> </ul> <p>- FFT Analyzer Mode added:</p> <ul style="list-style-type: none"> <li>FFT Resolution BW Mode (rsfsq_setFFTResBWMode)</li> <li>FFT Phase Display Ref Value (rsfsq_setFFTPhaseRefVal)</li> <li>FFT Capture State (rsfsq_confFFTCaptureState)</li> <li>FFT Capture Auto (rsfsq_confFFTCaptureAuto)</li> <li>FFT Range (rsfsq_setFFTRange)</li> <li>FFT Range Offset (rsfsq_setFFTRangeOffset)</li> <li>FFT Marker LO Exclude (rsfsq_confFFTMarkLoEx)</li> <li>FFT Phase Lines State (rsfsq_confFFTPLinesState)</li> <li>FFT Phase Lines Position (rsfsq_confFFTPLinesPos)</li> <li>FFT Units (rsfsq_confFFTUnits)</li> <li>FFT Reference Level (rsfsq_confFFTRefLevel)</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<p>                     FFT Reference Level Offset (rsfsq_confFFTRefLevelOffset)                      FFT Y Scale Division (rsfsq_confFFTYScaleDivision)                      FFT Display Reference Value (rsfsq_confFFTDisplayReferenceValue)                      FFT Display Reference Position (rsfsq_confFFTDisplayReferencePosition)                      FFT Window Function (rsfsq_setFFTWindowFunc)                      FFT Input IQ Type (rsfsq_setFFTInIQType)                      FFT Low Pass Input (rsfsq_confFFTLowPassInput)                      FFT Dither Input (rsfsq_confFFTDitherInput)                      FFT Analyzer Mode (rsfsq_actFFTMode)                      FFT Analyzer Mode Preset (rsfsq_actFFTModePreset)                      FFT Calculate Capture (rsfsq_actFFTCalcCapture)                      FFT Meas Result (rsfsq_confFFTMeasResult)                      FFT Calibration Signal Path (rsfsq_actFFTCalSigPath)                      FFT Calibration Signal Source (rsfsq_actFFTCalSigSource)                      FFT Scale Auto (rsfsq_actFFTScaleAuto)                 </p> <p>- Option FS-K40 (Phase Noise Measurements)</p> <p>- New functions:</p> <p>                     Phase Noise Scale (rsfsq_confPhasNoisScale)                      Phase Noise Autoscale Y (rsfsq_confPhasNoisAutoscaleY)                      Phase Noise Center Freq (rsfsq_confPhasNoisCenterFreq)                      Phase Noise Start And Stop Freq (rsfsq_confPhasNoisStartStopFreq)                      Phase Noise Resolution BW Type (rsfsq_confPhasNoisResBwType)                      Phase Noise Resolution BW Ratio (rsfsq_confPhasNoisResBwRatio)                      Phase Noise Ref Level (rsfsq_confPhasNoisRefLevel)                      Phase Noise Ref Level Offset (rsfsq_confPhasNoisRefLevelOffset)                      Phase Noise Auto Level (rsfsq_confPhasNoisAutoLevel)                      Phase Noise Signal Level (RF) (rsfsq_confPhasNoisSignalLevelRF)                      Phase Noise Sweep (rsfsq_confPhasNoisSweep)                      Phase Noise Sweep Count (rsfsq_confPhasNoisSweepCount)                      Phase Noise Sweep Direction (rsfsq_confPhasNoisSweepDirect)                      Phase Noise Sweep Display (rsfsq_confPhasNoisSweepDisplay)                      Phase Noise Sweep Mode (rsfsq_confPhasNoisSweepMode)                      Phase Noise Sub Channel RBW (rsfsq_confPhasNoisSubChanResBw)                      Phase Noise Sub Channel RBW Type (rsfsq_confPhasNoisSubChanResBwType)                      Phase Noise Sub Channel Sweep Count                      (rsfsq_confPhasNoisSubChanSweepCount)                      Phase Noise Verification State (rsfsq_confPhasNoisVerifState)                      Phase Noise Frequency Tolerance (rsfsq_confPhasNoisFreqTol)                      Phase Noise Power Tolerance (rsfsq_confPhasNoisPowerTol)                      Evaluation Range State (rsfsq_confPhasNoiseEvalRangeState)                      Evaluation Range Frequency (rsfsq_confPhasNoiseEvalRangeFreq)                      Phase Noise Limit Lines State (rsfsq_confPhasNoisLimitLineState)                      Phase Noise Limit Lines Operation (rsfsq_confPhasNoiseLimitLineOper)                      Phase Noise Limit Lines Data (rsfsq_confPhasNoisLimitLineData)                      Phase Noise Limit Lines Switch (rsfsq_confPhasNoisLimitLineSwitch)                      Phase Noise Limit Lines Shift (rsfsq_confPhasNoisLimitLineShift)                      Phase Noise Limit Lines Trace (rsfsq_confPhasNoiseLimitLineTrace)                      Phase Noise Marker State (rsfsq_confPhasNoisMarkState)                      Phase Noise Marker Position (x) (rsfsq_confPhasNoisMarkPosX)                      Phase Noise Marker Position (y) (rsfsq_confPhasNoisMarkPosY)                      Phase Noise Marker to Trace (rsfsq_confPhasNoisMarkTrace)                      Phase Noise Marker All Off (rsfsq_confPhasNoisMarkerAllOff)                      Phase Noise Delta Marker State (rsfsq_confPhasNoisDeltaMarkState)                      Phase Noise Delta Marker Position (x) (rsfsq_confPhasNoisDeltaMarkPosX)                      Phase Noise Delta Marker Position (y) (rsfsq_confPhasNoisDeltaMarkPosY)                      Phase Noise Delta Marker to Trace (rsfsq_confPhasNoisDeltaMarkTrace)                 </p>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<p>Phase Noise Delta Marker All Off (rsfsq_confPhasNoisDeltaMarkerAllOff)  Phase Noise Spot Noise State (rsfsq_confPhasNoisSpotNoiseState)  Phase Noise Spot Noise Position (x) (rsfsq_confPhasNoisSpotNoisePosX)  Phase Noise Spot Noise All Off (rsfsq_confPhasNoisSpotNoiseAllOff)  Phase Noise Trace State (rsfsq_confPhasNoisTraceState)  Phase Noise Trace Mode (rsfsq_confPhasNoisTraceMode)  Phase Noise Smoothing State (rsfsq_confPhasNoisSmoothState)  Phase Noise Smoothing Aperture (rsfsq_confPhasNoisSmoothAper)  Phase Noise Mode (rsfsq_actPhasNoisMode)  Phase Noise Scale Auto Adjust (rsfsq_actPhasNoisScaleAutoAdj)  Phase Noise Start Measurement (rsfsq_actPhasNoisStartMeasurement)  Phase Noise Start Measurement And Wait for OPC  (rsfsq_actPhasNoisStartMeasurementWopc)  Phase Noise Stop Measurement (rsfsq_actPhasNoisStopMeasurement)  Get Phase Noise Measurement Time (rsfsq_actPhasNoisMeasTime)  Phase Noise Limit Check Result (rsfsq_actPhasNoisLimitCheckResult)  Phase Noise Limit Check Result Clear (rsfsq_actPhasNoisLimitCheckClear)  Get Phase Noise Spot Noise Position (y) (rsfsq_confPhasNoisSpotNoisPosY)  Fetch Phase Noise Result (rsfsq_dataFetchPhasNoisResult)</p> <p>- Option FSQ-K92 (WiMAX)  - New functions:  WLAN Sweep (rsfsq_confWLANSweep)  WiMAX Standard (rsfsq_confWiMAXStandard)  WiMAX Frequency Band (rsfsq_confWiMAXFreqBand)  WiMAX BW (rsfsq_confWiMAXBW)  WiMAX Center Frequency (rsfsq_confWiMAXCenterFrequency)  WiMAX Inverse Guard Ratio (rsfsq_confWiMAXInvGuardRatio)  WiMAX Link Mode (rsfsq_confWiMAXLinkMode)  WiMAX Channel BW (rsfsq_confWiMAXChannBw)  WiMAX Adj Channel Spacing (rsfsq_confWiMAXAdjChannSpacing)  WiMAX Adj Channel Number (rsfsq_confWiMAXAdjChannNumber)  WiMAX Adj Channel BW (rsfsq_confWiMAXAdjChannBw)  WiMAX EVM Table Units (rsfsq_confWiMAXEVMTTableUnits)  WiMAX Burst Type (rsfsq_confWiMAXBurstType)  WiMAX Demodulator (rsfsq_confWiMAXDemodulator)  WiMAX All Limits (rsfsq_confWiMAXAllLimit)  WiMAX Subscriber Station Timing (rsfsq_confWiMAXLimitSStatTiming)  WiMAX Trace IQ Sample Rate (rsfsq_confWiMAXTraceIQSampRat)  WiMAX Display Table Unit (rsfsq_confWiMAXDisplayTableUnit)  WLAN Start Measurement (rsfsq_actWLANStartMeasurement)  WLAN Start Measurement And Wait for OPC  (rsfsq_actWLANStartMeasurementWopc)  WiMAX Mode (rsfsq_actWiMAXMode)  WiMAX Spectrum Flatness Select (rsfsq_actWiMAXSpectrumFlatnessSelect)  WiMAX Phase/Freq Vs Preamble Select  (rsfsq_actWiMAXPhasFreqVsPreambleSelect)  WiMAX ACP Measurement Mode Select (rsfsq_actWiMAXACPMeasModeSelect)  WiMax Get Channel Power Max (rsfsq_actWiMAXGetChannelPowerMax)  WiMAX All Limits Results (rsfsq_confWiMAXAllLimitResults)  WiMAX Subscriber Station Timing Result (rsfsq_actWiMAXLimitSStatTimingResult)  WiMAX Limit Check Result (rsfsq_actWiMAXLimitCheckResults)  Fetch WLAN Burst All (rsfsq_dataFetchWLANBurstAll)  Fetch WiMAX CINR Results (rsfsq_dataFetchWiMAXCinrResults)  Fetch WiMAX RSSI Results (rsfsq_dataFetchWiMAXRssiResults)  Fetch WiMAX Burst Subscriber Station Timing  (rsfsq_dataFetchWiMAXSubscStatTiming)</p>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- Updated functions:</li> <li>Set Active Window (rsfsq_confSetActiveWindow)</li> <li>WLAN Channel No (rsfsq_confWLANChannelNo)</li> <li>WLAN Auto Level (rsfsq_confWLANAutoLevel)</li> <li>WLAN Autoscale Y (rsfsq_confWLANAutoscaleY)</li> <li>WLAN Ref Level (rsfsq_confWLANRefLevel)</li> <li>WLAN Y Scale Division (rsfsq_confWLANYScaleDivision)</li> <li>WLAN RF Attenuation (rsfsq_confWLANRFAttenuation)</li> <li>WLAN Input Electronic Attn (rsfsq_confWLANInEAtt)</li> <li>WLAN Input Electronic Attn Auto (rsfsq_confWLANInEAttAuto)</li> <li>WLAN Input Electronic Attn State (rsfsq_confWLANInEAttState)</li> <li>WLAN Input YIG Filter (rsfsq_confWLANInputYIGFilter)</li> <li>WLAN External Attenuation (rsfsq_confWLANExtAtt)</li> <li>WLAN Signal Level (RF) (rsfsq_confWLANSignalLevelRF)</li> <li>WLAN Signal Level (Baseband) (rsfsq_confWLANSignalLevelBaseband)</li> <li>WLAN Sweep Count (rsfsq_confWLANsweepCount)</li> <li>WLAN ACP Mode (rsfsq_confWLANACPMODE)</li> <li>WLAN Capture Time (rsfsq_confWLANCaptureTime)</li> <li>WLAN Overall Burst Count (rsfsq_confWLANOverallBurstCount)</li> <li>WLAN Trigger Mode (rsfsq_confWLANTriggerMode)</li> <li>WLAN Trigger Offset (rsfsq_confWLANTriggerOffset)</li> <li>WLAN Trigger Level (rsfsq_confWLANTriggerLevel)</li> <li>WLAN Swap IQ (rsfsq_confWLANSwapIQ)</li> <li>WLAN Baseband Input (rsfsq_confWLANBasebandInput)</li> <li>WLAN IQ Input (rsfsq_confWLANIQInput)</li> <li>WLAN Balanced Input (rsfsq_confWLANBalancedInput)</li> <li>WLAN Low Pass Input (rsfsq_confWLANLowPassInput)</li> <li>WLAN Dither Input (rsfsq_confWLANDitherInput)</li> <li>WLAN Preamble Error Units (rsfsq_confWLANPreambleErrorUnits)</li> <li>WLAN EVM Units (rsfsq_confWLANEVMUnits)</li> <li>WLAN Signal Symbol Field (rsfsq_confWLANSignalSymbolField)</li> <li>WLAN Signal Symbol Field Modulation Scheme (rsfsq_confWLANSignalSymbolFieldModulationScheme)</li> <li>WLAN PVT Equal Burst Length (rsfsq_confWLANPVTEqualBurstLength)</li> <li>WLAN PVT Min (Max) No of Data Symbols (rsfsq_confWLANPVTMinMaxNoDataSymbols)</li> <li>WLAN Channel Estimation in Preamble and Payload (rsfsq_confWLANChanEstPreambPayl)</li> <li>WLAN Tracking Phase (rsfsq_confWLANTrackingPhase)</li> <li>WLAN Tracking Timing (rsfsq_confWLANTrackingTiming)</li> <li>WLAN Tracking Level (rsfsq_confWLANTrackingLevel)</li> <li>WLAN Gating (rsfsq_confWLANGating)</li> <li>WLAN Gate Delay (rsfsq_confWLANGateDelay)</li> <li>WLAN Gate Length (rsfsq_confWLANGateLength)</li> <li>WLAN Gate Link (rsfsq_confWLANGateLink)</li> <li>WLAN Marker State (rsfsq_confWLANMarkerState)</li> <li>WLAN Marker All Off (rsfsq_confWLANMarkerAllOff)</li> <li>WLAN Marker to Trace (rsfsq_confWLANMarkerTrace)</li> <li>WLAN Marker Position (x) (rsfsq_confWLANMarkerPositionx)</li> <li>WLAN Marker Carrier (rsfsq_confWLANMarkerCarrier)</li> <li>WLAN Marker Symbol (rsfsq_confWLANMarkerSymbol)</li> <li>WLAN Frequency Error (rsfsq_confWLANLimitFerr)</li> <li>WLAN Symbol Error (rsfsq_confWLANLimitSymbolErr)</li> <li>WLAN EVM (rsfsq_confWLANLimitEVM)</li> <li>WLAN Display Table (rsfsq_confWLANDisplayTable)</li> <li>WLAN Measurement Mode (rsfsq_actWLANMeasMode)</li> <li>WLAN Constellation Carrier Select (rsfsq_actWLANConstellationCarrierSelect)</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<p>                     WLAN Power Versus Time Select (rsfsq_actWLANPVTSelect)                      WLAN Spectrum Mask Select (rsfsq_actWLANspectrumMaskSelect)                      WLAN Marker Search (rsfsq_actWLANMarkerSearch)                      WLAN Marker Zoom (rsfsq_actWLANMarkerZoom)                      WLAN Get Channel Power (rsfsq_actWLANGetChannelPower)                      WLAN Get Marker Position (x) (rsfsq_confWLANGetMarkerPositionx)                      WLAN Get Marker Position (y) (rsfsq_confWLANGetMarkerPositiony)                      WLAN Frequency Error Result (rsfsq_actWLANLimitFerrResult)                      WLAN Symbol Error Result (rsfsq_actWLANLimitSymbolErrResult)                      WLAN EVM Result (rsfsq_actWLANLimitEVMResult)                      WLAN Spectrum Mask Limit (rsfsq_actWLANspectrumMaskLimit)                      Read WLAN Trace Data (rsfsq_dataReadTraceWLAN)                      Fetch WLAN Burst RMS Power (rsfsq_dataFetchWLANRMSAllPower)                      Fetch WLAN Burst Crest Factor (rsfsq_dataFetchWLANAllCrestFactor)                      Fetch WLAN Frequency Error (rsfsq_dataFetchWLANFreqError)                      Fetch WLAN Symbol Error (rsfsq_dataFetchWLANSymbolError)                      Fetch WLAN IQ Offset Error (rsfsq_dataFetchWLANIQOffset)                      Fetch WLAN IQ Imbalance Error (rsfsq_dataFetchWLANIQImbalance)                      Fetch WLAN Quadrature Offset Error (rsfsq_dataFetchWLANQuadOffset)                      Fetch WLAN EVM Results (rsfsq_dataFetchWLANEVMResults)                 </p> <p>                     - New features:                      - non exportable function rsfsq_checkInstrVer was added.                      instrument version checking implemented in many functions, error code                 </p> <p> <u>RSFSQ_ERROR_INSTR_VER_ERROR</u> added                 </p>
1.7	04/2005	<p>                     - Driver update for FSQ Spectrum Analyzer Firmware 3.55                      - Driver update for FSMR Measuring Receiver series instruments                 </p> <p>                     - List of options:                      - K5 GSM/EDGE (3.50)                      - K9 Power sensor measurements                      - K30 Noise Figure and Gain Measurements (3.50)                      - K70 Vector Signal Analysis (3.50)                      - K72 3GPP FDD Base Station Test (3.50)                      - K73 3GPP FDD User Equipment Test (3.50)                      - K74 3GPP HSDPA Base Station Test (3.50)                      - K76 TD-SCDMA Base Station Test (3.50)                      - K77 TD-SCDMA Mobile Station Test (3.50)                      - K82 cdma2000 Base Station Test (3.50)                      - K83 cdma2000/1xEV-DV Mobile Station Test (3.50)                      - K84 1xEV-DO Base Station Test (3.50)                      - K85 1xEV-DO Mobile Station Test (3.50)                      - K90 WLAN 802.11a/g Tests (3.50)                      - K91 WLAN 802.11 Tests (3.50)                 </p> <p>                     - New option:                      - B72 Bandwidth Extension                      - Driver update for FSMR Measuring Receiver series instruments                 </p> <p>                     New functions:                      - Sweep Group                      Sweep Time Auto ( rsfsq_confSweepTimeAuto)                      - Power Meter                      PWR Meter Type (rsfsq_confPWRMeterType)                      PWR Meter Address (rsfsq_confPWRMeterAddress)                      PWR Meter Sensor Cal Factor (rsfsq_confPWRMeterSensorCalFactor)                 </p>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		PWR Meter Sensor Label (rsfsq_confPWRMeterSensorLabel) PWR Meter Sensor Select (rsfsq_confPWRMeterSensorSelect) - Power Splitter Power Splitter State (rsfsq_confPowerSplitterState) Power Splitter Insertion Loss (rsfsq_confPowerSplitterInsertionLoss) Power Splitter Path Loss (rsfsq_confPowerSplitterPathLoss) - Receiver Frequency and Span Settings Receiver Frequency (rsfsq_confReceiverFrequency) Receiver Frequency Step Size (rsfsq_confReceiverFrequencyStepSize) Receiver Frequency Span (rsfsq_confReceiverFrequencySpan) Receiver Frequency Full Span (rsfsq_confReceiverFrequencyFullSpan) Receiver AF Center (rsfsq_confReceiverAFCenter) Receiver AF Start (rsfsq_confReceiverAFStart) Receiver AF Stop (rsfsq_confReceiverAFStop) Receiver AF Span (rsfsq_confReceiverAFSpan) Receiver AF Full Span (rsfsq_confReceiverAFFullSpan) Receiver Auto Signal Search (rsfsq_confReceiverAutoSignalSearch) - Receiver Amplitude Settings Receiver Input (rsfsq_confReceiverInput) Receiver Ref Level (rsfsq_confReceiverRefLevel) Receiver Mixer Level Auto (rsfsq_confReceiverMixerLevelAuto) Receiver Mixer Level Manual (rsfsq_confReceiverMixerLevelManual) Receiver RF Input Protection (rsfsq_confReceiverRFInputProtection) Receiver RF Input Preamplifier Auto(rsfsq_confReceiverRFInputPreamplifierAuto) Receiver RF Input Attenuation (rsfsq_confReceiverRFInputAttenuation) Receiver RF Input Attenuation Auto(rsfsq_confReceiverRFInputAttenuationAuto) Receiver RF Input Coupling (rsfsq_confReceiverRFInputCoupling) Receiver Input Impedance (rsfsq_confReceiverInputImpedance) Receiver AF Input Coupling (rsfsq_confReceiverAFInputCoupling) Receiver Display Scale Per Div (rsfsq_confReceiverDisplayScalePerDiv) Receiver Display Reference Position(rsfsq_confReceiverDisplayReferencePosition) Receiver Display Reference Value (rsfsq_confReceiverDisplayReferenceValue) Receiver Display Spacing (rsfsq_confReceiverDisplaySpacing) Receiver Display Phase Wrap (rsfsq_confReceiverDisplayPhaseWrap) Receiver Unit PM (rsfsq_confReceiverUnitPM) Receiver Unit THD SINAD (rsfsq_confReceiverUnitTHD_SINAD) Receiver Unit Relative (rsfsq_confReceiverUnitRelative) Receiver Zero Phase Ref Position (rsfsq_confReceiverZeroPhaseRefPosition) Receiver Power Reference Output (rsfsq_confReceiverPowerReferenceOutput) - Setting the Bandwidths Receiver Demod BW Auto (rsfsq_confReceiverDemodBWAuto) Receiver Demod BW Manual (rsfsq_confReceiverDemodBWManual) Receiver IF BW Auto (rsfsq_confReceiverIFBWAuto) Receiver IF BW Manual (rsfsq_confReceiverIFBWManual) Receiver Resolution BW Manual (rsfsq_confReceiverResolutionBWManual) - Selective Level Measurement Receiver Selective Level Measurement Mode (rsfsq_confReceiverSelectiveLevelMeasurementMode) Receiver Calibration Abs Power (rsfsq_confReceiverCalibrationAbsPower) Receiver Expand Calibrated Range(rsfsq_confReceiverExpandCalibratedRange) Receiver Adjust Input Range (rsfsq_confReceiverAdjustInputRange) Receiver Demodulation Bandwidth (rsfsq_confReceiverDemodulationBandwidth) Receiver Relative Level Measurement (rsfsq_confReceiverRelativeLevelMeasurement) Receiver Measured Level To Reference (rsfsq_confReceiverMeasuredLevelToReference) Receiver Relative Level Reference (rsfsq_confReceiverRelativeLevelReference)

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>Receiver Level Measurement Averaging (rsfsq_confReceiverLevelMeasurementAveraging)</li> <li>- AF Filters <ul style="list-style-type: none"> <li>Receiver AF Filter (rsfsq_confReceiverAFFilter)</li> <li>Receiver Deemphasis AF Filter (rsfsq_confReceiverDeemphasisAFFilter)</li> <li>Receiver Weighting AF Filter (rsfsq_confReceiverWeightingAFFilter)</li> </ul> </li> <li>- Modulation Measurement <ul style="list-style-type: none"> <li>Receiver Modulation Measurement Mode (rsfsq_confReceiverModulationMeasurementMode)</li> <li>Receiver Modulation Type (rsfsq_confReceiverModulationType)</li> <li>Receiver Detector Type (rsfsq_confReceiverDetectorType)</li> <li>Receiver Modulation Meas To Ref (rsfsq_confReceiverModulationMeasToRef)</li> <li>Receiver Peak Hold (rsfsq_confReceiverPeakHold)</li> <li>Receiver Averaging (rsfsq_confReceiverAveraging)</li> <li>Receiver Modulation Result Display (rsfsq_confReceiverModulationResultDisplay)</li> <li>Receiver Relative Measurement (rsfsq_confReceiverRelativeMeasurement)</li> <li>Receiver Relative Measurement Ref (rsfsq_confReceiverRelativeMeasurementRef)</li> <li>Receiver Relative Measurement Ref Query (rsfsq_confReceiverRelativeMeasurementRefQuery)</li> </ul> </li> <li>- Audio Input Measurement <ul style="list-style-type: none"> <li>Receiver Audio Input Level (rsfsq_confReceiverAudioInputLevel)</li> <li>Receiver Audio Input Result Display (rsfsq_confReceiverAudioInputResultDisplay)</li> <li>Receiver Audio Input Result Display Mode (rsfsq_confReceiverAudioInputResultDisplayMode)</li> <li>Receiver Audio Input Meas To Ref (rsfsq_confReceiverAudioInputMeasToRef)</li> </ul> </li> <li>- Trigger Group <ul style="list-style-type: none"> <li>Continue Measurement (rsfsq_actContinueMeasurement)</li> </ul> </li> <li>- Measuring Receiver (FSMR) <ul style="list-style-type: none"> <li>Measurement Receiver Mode (rsfsq_actMeasurementReceiverMode)</li> </ul> </li> <li>- Modulation Measurement (FSMR) <ul style="list-style-type: none"> <li>Receiver Modulation Measurement Results (rsfsq_dataReceiverModulationMeasurementResults)</li> <li>Receiver Modulation Averaged Measurement Results (rsfsq_dataReceiverModulationAveragedMeasurementResults)</li> <li>Receiver Modulation Peak Hold Measurement Results (rsfsq_dataReceiverModulationPeakHoldMeasurementResults)</li> <li>Receiver Modulation Audio Frequency Result (rsfsq_dataReceiverModulationAudioFrequencyResult)</li> <li>Receiver Modulation Frequency Error Result (rsfsq_dataReceiverModulationFrequencyErrorResult)</li> <li>Receiver Modulation Carrier Power Result (rsfsq_dataReceiverModulationCarrierPowerResult)</li> <li>Receiver Modulation SINAD Measurement Results (rsfsq_dataReceiverModulationSINADMeasurementResults)</li> <li>Receiver Modulation THD Measurement Results (rsfsq_dataReceiverModulationTHDMeasurementResults)</li> </ul> </li> <li>- Receiver Memory <ul style="list-style-type: none"> <li>Receiver Correction Catalog (rsfsq_confReceiverCorrectionCatalog)</li> <li>Receiver Correction (rsfsq_confReceiverCorrection)</li> </ul> </li> <li>- Bug fixed functions: <ul style="list-style-type: none"> <li>rsfsq_confNoiseENRTable</li> <li>rsfsq_confNoise2ndStageCorrectionState</li> <li>rsfsq_confNoiseTraceSettings</li> <li>rsfsq_confNoiseGainTraceSettings</li> </ul> </li> <li>- New functions: <ul style="list-style-type: none"> <li>rsfsq_confFileDecSep</li> <li>rsfsq_actSAMStoreSETToFile</li> </ul> </li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		rsfsq_confTraceIQBwExtension rsfsq_confTransducerFactor rsfsq_confTrackExtSrcRef rsfsq_confVSAMDemodFilt rsfsq_confGSMBurstZoomTransitionNumber rsfsq_confGSMMultiCarrierModeState rsfsq_confCDPRrcFilter rsfsq_confCDPEliminateTailChips rsfsq_confCDPSlotDifference rsfsq_confCDPLCodeMode rsfsq_confCDPCConstellationParameterB rsfsq_confWCDPMSChHSDPCCH rsfsq_confWLANRefLevel rsfsq_confWLANRFAttenuation rsfsq_confWLANInEAtt rsfsq_confWLANInEAttAuto rsfsq_confWLANInEAttState rsfsq_confWLANInputYIGFilter rsfsq_confWLANPreambleErrorUnits rsfsq_confWLANBurstDuration rsfsq_confWLANQueryFilterCatalog rsfsq_confWLANSelectFilter rsfsq_confWLANMarkerBurstSymbol rsfsq_confSEResolutionBW rsfsq_confSEVideoBW rsfsq_confSEBreakSweep rsfsq_confSEDetector rsfsq_confSEFilter rsfsq_confSEStartStopFrq rsfsq_confSEAtt rsfsq_confSEAttAuto rsfsq_confSEPreamplifier rsfsq_confSESweepPoints rsfsq_confSERefLevel rsfsq_confSESweepMode rsfsq_confSESweepTime rsfsq_confSESweepTimeAuto rsfsq_confSETransducer rsfsq_confSEDeleteRange rsfsq_confSESearchPeaks rsfsq_actSAMStoreTraceToFile rsfsq_actFileCatPath rsfsq_actWLANAutoAdj rsfsq_actWLANMarkerSearch rsfsq_dataSEMeasurementResults - Updated functions: rsfsq_confWCDPMeas rsfsq_confWCDPMeasMode rsfsq_confCDPLCode rsfsq_confCDPPControl rsfsq_confWCDPChTable rsfsq_confWCDPChTableFile rsfsq_confWCDPChTableName rsfsq_confWCDPChTableCopy rsfsq_confWCDPChTableDelete rsfsq_confWCDPChTableComment rsfsq_confWCDPChTableData



## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>rsfsq_confWCDPChTableCatalog</li> <li>rsfsq_confWLANBurstType</li> <li>rsfsq_confWLANDemodulator</li> <li>rsfsq_actGSMBurstSection</li> <li>rsfsq_actSEMLimitLineCheck</li> <li>rsfsq_dataReadTraceIQ</li> <li>rsfsq_ConditionSyncRegister</li> <li>rsfsq_confReferenceOsc</li> <li>- Bug fixed functions ('\n' symbol was added to the command):</li> <li>rsfsq_confWLANLimitEVMAIICarriers</li> <li>rsfsq_confWLANLimitEVMDDataCarriers</li> <li>rsfsq_confWLANLimitEVMPilotCarriers</li> <li>rsfsq_confWLANLimitIQOffsetError</li> <li>rsfsq_confWLANLimitFerr</li> <li>rsfsq_confWLANLimitSymbolErr</li> <li>rsfsq_confWLANLimitRiseTime</li> <li>rsfsq_confWLANLimitFallTime</li> <li>rsfsq_confWLANLimitEVM</li> <li>- External Mixer (new functions)</li> <li>External Mixer (rsfsq_confExtMix)</li> <li>External Mixer LO Level (rsfsq_confExtMixerLOLevel)</li> <li>External Mixer Signal (rsfsq_confExtMixSignal)</li> <li>External Mixer Parameters (rsfsq_confExtMixParameters)</li> <li>Default Conversion Loss (rsfsq_confDefConvLoss)</li> <li>Conversion Loss Table (rsfsq_confExtMixLossTab)</li> <li>Conversion Loss Table Delete (rsfsq_confExtMixLossTabDelete)</li> <li>- Code maintenance:</li> <li>- I/O conversion specification fixed:</li> <li>Input: "%le" for ViReal64, "%ld" for ViInt32, "%hu" for ViBoolean</li> <li>Output: "%.12f" for ViReal64, "%ld" for ViInt32, "%hu" for ViBoolean</li> <li>- System locale are set to default "C"</li> <li>- Renamed functions (old prototypes are moved to compatibility group):</li> <li>Channel Power Trigger Spacing (rsfsq_confSAMTrigSpacing)</li> <li>changed to Channel Power Channel Spacing (rsfsq_confSAMChannelSpacing)</li> <li>Channel Power Trigger Count (rsfsq_confSAMTrigCount)</li> <li>changed to Channel Power Carrier Count (rsfsq_confSAMCarrierCount)</li> <li>- Description of Channel Power Type parameter changed, code improved</li> <li>Channel Power Meas Mode (rsfsq_confSAMMarkChPowMeas)</li> <li>Adjust Channel Power Settings (rsfsq_actSAMCPSet)</li> <li>Get Channel Power Value (rsfsq_actSAMMarkPowerValueExt)</li> <li>Get Occupied Bandwidth Value (rsfsq_actSAMMarkPowerBandValue)</li> <li>- Parameter range extended, description changed</li> <li>Channel Power Reference Manual (rsfsq_confSAMReferenceMan)</li> <li>Resolution BW (rsfsq_confResbw)</li> <li>Sweep Points (rsfsq_confSweepPoints)</li> <li>- Trace IQ Group moved in the FP to Trace Group</li> <li>- Fixed code (description)</li> <li>Channel Power Standard (rsfsq_confSAMMarkChPowChanStandard)</li> <li>Channel Power Auto Adjust Result (rsfsq_actSAMChannelPowerAutoAdjustResult)</li> <li>Channel Power Auto Adjust Result (rsfsq_actSAMChannelPowerAutorangeResult)</li> <li>Get Peaks Values (rsfsq_getPeaksValues)</li> <li>Get Sync Pattern Found (rsfsq_getVSAMDigiSyncPatternFound)</li> <li>Read WLAN Trace Data (rsfsq_dataReadTraceWLAN)</li> <li>Read C2k CDP Trace Data (rsfsq_dataReadTraceC2kCDP)</li> <li>Read Burst Values (rsfsq_dataReadBurst)</li> <li>- New additional functions</li> <li>SE Start Measurement (rsfsq_actSEStartMeasurement)</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		SE Start Measurement And Wait for OPC (rsfsq_actSEStartMeasurementWopc) SE Stop Measurement (rsfsq_
1.6.1	03/2005	Modifications - Updated functions: rsfsq_confCDPAveraging - New functions: rsfsq_confCDPSlotSetsCount rsfsq_actCDPSlotSetToAnalyze rsfsq_actSAMChannelPowerStartSlot rsfsq_actSAMChannelPowerStopSlot rsfsq_actSAMChannelPowerAutorange rsfsq_actSAMChannelPowerAutorangeResult rsfsq_actSAMChannelPowerAutoAdjust rsfsq_actSAMChannelPowerAutoAdjustResult
1.6	09/2004	Modifications - New functions: rsfsq_actHCopyToFile rsfsq_ConditionFrequencyRegister rsfsq_ConditionLimitRegister rsfsq_ConditionLimitMargin Register rsfsq_ConditionACPLimitRegister rsfsq_ConditionPowerRegister rsfsq_ConditionSyncRegister - Fixed functions: rsfsq_confNoiseGainTraceSettings rsfsq_confNoiseTraceSettings rsfsq_confListPwrState rsfsq_confNoiseLossInputSettings rsfsq_confNoiseLossOutputSettings rsfsq_confNoiseRefLevel rsfsq_confSAMMarkChPowMeas rsfsq_setStatusRegister
1.5	07/2004	Modifications Driver update for FSQ-K91 - Updated Functions: rsfsq_confWLANEqualBurstLength rsfsq_confWLANNoDataSymbols rsfsq_confWLANMinMaxNoDataSymbols rsfsq_actWLANMeasMode - New Functions: rsfsq_confWLANBurstAveragingLength rsfsq_confWLANAutoscaleY rsfsq_confWLANYScaleDivision rsfsq_confWLANsweepCount rsfsq_confWLANACPMODE rsfsq_confWLANEVMUnits rsfsq_confWLANGimbUnits rsfsq_confWLANSignalSymbolFieldModulationScheme rsfsq_confWLANBitRate rsfsq_confWLANPVTEqualBurstLength rsfsq_confWLANPVTMinMaxNoDataSymbols rsfsq_confWLANGateLink rsfsq_confWLANLimitEVMAIICarriers rsfsq_confWLANLimitEVMDDataCarriers rsfsq_confWLANLimitEVMPilotCarriers rsfsq_confWLANLimitIQOffsetError rsfsq_confWLANLimitFerr

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		rsfsq_confWLANLimitSymbolErr rsfsq_confWLANLimitRiseTime rsfsq_confWLANLimitFallTime rsfsq_confWLANLimitEVM rsfsq_actWLANLimitEVMAIICarriersResult rsfsq_actWLANLimitEVMDDataCarriersResult rsfsq_actWLANLimitEVMPilotCarriersResult rsfsq_actWLANLimitIQOffsetErrorResult rsfsq_actWLANLimitFerrResult rsfsq_actWLANLimitSymbolErrResult rsfsq_actWLANLimitRiseTimeResult rsfsq_actWLANLimitFallTimeResult rsfsq_actWLANLimitEVMResult rsfsq_actWLANACPChannelLimit rsfsq_actWLANLimitACPChannelResult rsfsq_actWLANspectrumMaskLimit rsfsq_dataFetchWLANRMSAllPower rsfsq_dataFetchWLANAllCrestFactor rsfsq_dataFetchWLANRiseTime rsfsq_dataFetchWLANFallTime
1.4	04/2004	Modifications Driver update for FSQ Spectrum Analyzer Firmware 2.35/3.35  List of updated options -K5 GSM/EDGE (2.30/3.30) -K70 Vector Signal Analysis (2.30/3.30) -K72 3GPP FDD Base Station Test (2.35/3.35) -K73 3GPP FDD User Equipment Test (2.35/3.35) -K82 cdma2000 Base Station Test (2.30/3.30) -K90 WLAN 802.11a TX Tests (2.30/3.30) List of new options -K9 Power sensor measurements -K30 Noise Figure and Gain Measurements (2.30/3.30) -K74 3GPP HSDPA Base Station Test (2.35/3.35) -K76 TD-SCDMA Base Station Test (2.30/3.30) -K77 TD-SCDMA Mobile Station Test (2.30/3.30) -K83 cdma2000/1xEV-DV Mobile Station Test (2.30/3.30) -K84 1xEV-DO Base Station Test (2.30/3.30) -K85 1xEV-DO Mobile Station Test (2.30/3.30)  --- General Issues --- - Status checking added to the functions where it was missing (rsfsq_sysStatus) - Problem with precision of values fixed (loss of digits) Formating functions uses for double values "%Lf" Scanning funcions uses for double values "%Le"  --- Updated functions (Base + Misc) --- - Channel Power Trigger Count (rsfsq_confSAMTrigCount) value range extended - Channel Power Standard (rsfsq_confSAMMarkChPowChanStandard) new WLAN standards added - Coupling Settings (rsfsq_confCoupExt) Filter Type range extended - Analog Demodulation Type (rsfsq_confVSAMADemodType) PM modulation added - Get Analog Demod Value (rsfsq_actVSAMMarkerADemod) AM and PM modulation added

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- Signal Statistics (rsfsq_confSAMSigStat) added additional parameter's items</li> <li>- Get N dB Down Marker Value (rsfsq_actSAMMarkNdBDValue) Also available in zero span mode</li> <li>- Emulation (rsfsq_confEmulation) parameter values added</li> <li>- Analog Demodulation Demod BW (rsfsq_confVSAMDemodBW) parameter values added</li> <li>- Analog Demodulation BW (rsfsq_setADEMBandwidth) parameter values added</li> <li>- Analog Demod RF Param (rsfsq_confVSAMADemodRFParam) parameter values added</li> <li>- Limit Lines State (rsfsq_confLimitLineState) added 'comment' parameter value</li> <li>- Limit Lines Parameters (rsfsq_confLimitLineParamExt) moved to obsolete functions</li> <li>- Set Limit Lines Offset (rsfsq_actSetLimitLinesOffset) moved to obsolete functions</li> <li>- Marker Opt (rsfsq_confMarkOpt) fixed control description</li> </ul> <p>--- New functions (Base + Misc) ---</p> <ul style="list-style-type: none"> <li>- Trigger Delay Compensation (rsfsq_confTrgDelayComp)</li> <li>- Get Sweep Count (rsfsq_getSweepCount)</li> <li>- Frequency Axis Mode (rsfsq_confFreqAxisMode)</li> <li>- Setup Transducer Ref Level Adj (rsfsq_confTransducerRefLevAdj)</li> <li>- Analog Demod Zero Phase Ref Point (rsfsq_confVSAMADemodZeroPhase)</li> <li>- Analog Demod Phase Wrap (rsfsq_confVSAMADemodPhaseWrap)</li> <li>- Analog Demod PM Units (rsfsq_confVSAMADemodPMUnits)</li> <li>- Limit Lines Data (rsfsq_confLimitLineData)</li> <li>- Limit Lines Shift (rsfsq_confLimitLineShift)</li> <li>- Limit Lines Switch (rsfsq_confLimitLineSwitch)</li> <li>- Limit Lines Trace (rsfsq_confLimitLineTrace)</li> <li>- Limit Lines Mode (rsfsq_confLimitLineMode)</li> <li>- Limit Lines Units (rsfsq_confLimitLineUnits)</li> <li>- Limit Lines Domain (rsfsq_confLimitLineDomain)</li> <li>- Limit Lines Offset (rsfsq_confLimitLineOffset)</li> <li>- Limit Lines Margin (rsfsq_confLimitLineMargin)</li> <li>- Limit Lines Threshold (rsfsq_confLimitLineThreshold)</li> <li>- Limit Check Result Clear (rsfsq_actLimitCheckClear)</li> <li>- Limit Lines Measurement Type (rsfsq_confLimitLineMeasType)</li> </ul> <p>--- Renamed (thus new) functions (obsolete group) ---</p> <ul style="list-style-type: none"> <li>- CDP Slot (rsfsq_confCDPSlot) formerly known as CDP CPICH Slot option added</li> <li>- CDP PN Offset (rsfsq_confCDPPNOffset) formerly known as CDP C2k PN Offset (rsfsq_confC2kCDPPNOffset) created alias, option added</li> <li>- CDP IQ Length (rsfsq_confCDPIQLength) formerly known as CDP C2k IQ Length (rsfsq_confC2kCDPIQLength) created alias, option added</li> <li>- CDP Order (rsfsq_confCDPOrder) formerly known as CDP C2k Order (rsfsq_confC2kCDPOrder) created alias, option added</li> <li>- CDP Timing And Phase Offset (rsfsq_confCDPTPM) formerly known as CDP C2k Timing And Phase Offs</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<p>(rsfsq_confC2kCDPTPM) created alias, option added</p> <p>--- Updated functions (K5) ---</p> <ul style="list-style-type: none"> <li>- MS Set Channel (rsfsq_actMSChannel) description changed</li> </ul> <p>--- New functions (K5) ---</p> <ul style="list-style-type: none"> <li>- GSM Sync Search (rsfsq_confGSMSyncSearch)</li> <li>- GSM Burst Search (rsfsq_confGSMBurstSearch)</li> <li>- GSM Burst Search Threshold (rsfsq_confGSMBurstSearchThreshold)</li> <li>- GSM Burst Time Meas High Resolution (rsfsq_confGSMBurstTimeMeasHighResolution)</li> <li>- GSM Burst Meas Filter (rsfsq_confGSMBurstMeasFilter)</li> <li>- GSM Trigger Free Run (rsfsq_actGSMTriggerFreeRun)</li> <li>- Read Multi Frame Data (rsfsq_readMultiFrameData)</li> </ul> <p>--- Updated functions (K72/73/K74) ---</p> <ul style="list-style-type: none"> <li>- WCDP Channel Table Data (rsfsq_confWCDPChTableData) channel type (former pitch flag) is improved</li> <li>- Read WCDP Trace Data (rsfsq_dataReadTraceWCDP) CWCDp and ABITstream added, functionality improved</li> <li>- Read WCDMA Trace Data (rsfsq_dataReadTraceWCDMA) description update, functionality improved</li> <li>- WCDP Measurement Mode (rsfsq_confWCDPMeasMode) new modes added, description changed</li> <li>- Get WCDP Measurement (rsfsq_actWCDPMarkMeas) new meas added, description changed</li> <li>- WCDPower Mode (rsfsq_actWCDPMode) option added, description changed</li> <li>- WCDPower MS Mode (rsfsq_actWCDPMSMode) option added, description changed</li> </ul> <p>--- New functions (K72/73/K74) ---</p> <ul style="list-style-type: none"> <li>- CDP Frame to Analyze (rsfsq_confCDPFrameAnalyze)</li> <li>- SEM Limit Line Check (rsfsq_actSEMLimitLineCheck)</li> <li>- CDP Analysis Base (rsfsq_confCDPAnalysisBase)</li> <li>- CDP Overview Display (rsfsq_confCDPOverviewDisplay)</li> </ul> <p>--- Updated functions (K82/K83/K84/K85) ---</p> <ul style="list-style-type: none"> <li>- Get C2k CDP Measurement (rsfsq_actC2kCDPMarkMeas) description changed</li> <li>- Configure C2k Band Class (rsfsq_confC2kBandClass) additional classes added, skipped optional "[       BTS]", option added</li> <li>- Configure C2k Measurement (rsfsq_confC2kCDPMeas) skipped optional "[       BTS]", option added, parameter's item added</li> <li>- CDP Measurement Mode (rsfsq_confC2kCDPMeasMode) option added, parameter items added</li> <li>- SEM Limit Line (rsfsq_confSEMLimitLine) option added</li> <li>- CDP Marker To (rsfsq_actCDPMarkTo) option added</li> <li>- CDP C2k Channel Table File (rsfsq_confC2kCDPChTableFile) option added</li> <li>- CDP C2k Channel Table Name (rsfsq_confC2kCDPChTableName) option added</li> <li>- CDP C2k Channel Table Data (rsfsq_confC2kCDPChTableData) option added, parameters adjusted for options</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- CDP C2k Channel Table Comment (rsfsq_confC2kCDPChTableComment) option added</li> <li>- CDP C2k Channel Table Copy (rsfsq_confC2kCDPChTableCopy) option added</li> <li>- CDP C2k Channel Table Delete (rsfsq_confC2kCDPChTableDelete) option added</li> <li>- CDP C2k Channel Table Catalog (rsfsq_confC2kCDPChTableCatalog) option added</li> <li>- CDP C2k Channel Table (rsfsq_confC2kCDPChTable) option added</li> <li>- C2k CDPower Mode (rsfsq_actC2kCDPMode) description changed</li> <li>- CDP Inactive Channel Treshold (rsfsq_confCDPICT) option added</li> <li>- CDP Side Band (rsfsq_confCDPSBand) option added</li> <li>- CDP Level Auto Adjust (rsfsq_actCDPAutoAdj) option added</li> <li>- CDP Code Number (rsfsq_confCDPCodeNum) option added</li> <li>- CDP Signal Mapping (rsfsq_confCDPSigMap) option added</li> <li>- CDP Spreading Factor (rsfsq_confCDPSFactor) option added</li> <li>- CDP Normalize (rsfsq_confCDPNormalize) option added</li> <li>- CDP Q Invert (rsfsq_confCDPQInvert) option added</li> <li>- CDP Preference (rsfsq_confCDPPref) option added, additional item added</li> <li>- CDP C2k IQ Length (rsfsq_confC2kCDPIQLength) option added, range checking changed</li> <li>- CDP C2k Order (rsfsq_confC2kCDPOrder) option added</li> <li>- CDP C2k Timing And Phase Offs (rsfsq_confC2kCDPTPM) option added</li> <li>- Read C2k Trace Data (rsfsq_dataReadTraceC2k) option added, functionality improved</li> </ul> <p>--- New functions (K82/K83/K84/K85) ---</p> <ul style="list-style-type: none"> <li>- Read C2k CDP Trace Data (rsfsq_dataReadTraceC2kCDP)</li> <li>- CDP C2k Channel Table Restore (rsfsq_confC2kCDPChTableRestore)</li> <li>- C2k CDPower MS Mode (rsfsq_actC2kCDPMSMode)</li> <li>- CDP Long Code Mask (rsfsq_confCDPLCodeMask)</li> <li>- CDP Long Code Offset (rsfsq_confCDPLCodeOffset)</li> <li>- Get 1xEV-DO CDP Measurement (rsfsq_actEVDOCDPMarkMeas)</li> <li>- Get 1xEV-DO CDP MS Measurement (rsfsq_actEVDOCDPMSMarkMeas)</li> <li>- PVT Limit Line (rsfsq_confPVTLimitLine)</li> <li>- CDP RF Slot (rsfsq_confCDPRFSlot)</li> <li>- 1xEV-DO CDPower Mode (rsfsq_actEVDOCDPMode)</li> <li>- 1xEV-DO CDPower MS Mode (rsfsq_actEVDOCDPMSMode)</li> <li>- CDP Signal Mapping Mode (rsfsq_confCDPSigMapMode)</li> <li>- CDP Channel Type (rsfsq_confCDPChannelType)</li> <li>- CDP Averaging (rsfsq_confCDPAveraging)</li> <li>- CDP Operation Mode (rsfsq_confCDPOperationMode)</li> </ul> <p>--- Updated functions (K76/K77) ---</p>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- CDP Scrambling Code (rsfsq_confCDPLCode) option added</li> <li>--- New functions (K76/K77) ---</li> <li>- Get TD-SCDMA CDP Measurement (rsfsq_actTDSCDMACDPMarkMeas)</li> <li>- Configure CDP Measurement (rsfsq_confCDPMeas)</li> <li>- CDP Channel Table Order (rsfsq_confCDPChTableOrder)</li> <li>- CDP Channel Table (rsfsq_confCDPChTable)</li> <li>- CDP Channel Table File (rsfsq_confCDPChTableFile)</li> <li>- CDP Channel Table Name (rsfsq_confCDPChTableName)</li> <li>- CDP Channel Table Copy (rsfsq_confCDPChTableCopy)</li> <li>- CDP Channel Table Delete (rsfsq_confCDPChTableDelete)</li> <li>- CDP Channel Table Comment (rsfsq_confCDPChTableComment)</li> <li>- CDP Channel Table Data (rsfsq_confCDPChTableData)</li> <li>- CDP Channel Table Catalog (rsfsq_confCDPChTableCatalog)</li> <li>- CDP Channel Table Midamble Shift (rsfsq_confCDPChTableMidambleShift)</li> <li>- CDP Switching Point (rsfsq_confCDPSwitchingPoint)</li> <li>- CDP Subframes (rsfsq_confCDPSubframes)</li> <li>- TD-SCDMA CDPower Mode (rsfsq_actTDSCDMACDPMode)</li> <li>- TD-SCDMA CDPower MS Mode (rsfsq_actTDSCDMACDPMSMode)</li> <li>- CDP Standard (rsfsq_confCDPStandard)</li> <li>- CDP Midamble Shift (rsfsq_confCDPMidambleShift)</li> <li>- Read CDP Trace Data (rsfsq_dataReadTraceCDP)</li> <li>--- New functions (K9) ---</li> <li>- PWR Meter Frequency (rsfsq_confPMetFrequency)</li> <li>- PWR Meter Frequency Coupling (rsfsq_confPMetFrequencyCoupling)</li> <li>- PWR Meter Units (rsfsq_confPMetUnits)</li> <li>- PWR Meter Meas Time (rsfsq_confPMetMeasTime)</li> <li>- PWR Meter Result Display (rsfsq_confPMetResultDisplay)</li> <li>- PWR Meter State (rsfsq_actPMetState)</li> <li>- PWR Meter Sensor Zeroing (rsfsq_actPMetSensorZeroing)</li> <li>- PWR Meter Reference Value (rsfsq_actPMetReferenceValue)</li> <li>- Fetch PWR Meter Result (rsfsq_dataFetchPMetResult)</li> <li>- Read PWR Meter Result (rsfsq_dataReadPMetResult)</li> <li>--- New functions (K30) ---</li> <li>- Noise Measurement Mode (rsfsq_actNoiseMeasMode)</li> <li>- Fetch Noise Measurement Result (Array) (rsfsq_dataFetchNoiseMeasArray)</li> <li>- Fetch Noise Measurement Result (Scalar) (rsfsq_dataFetchNoiseMeasScalar)</li> <li>- Noise Frequency Measurement (rsfsq_confNoiseFrequencyMeasurement)</li> <li>- Noise Frequency (rsfsq_confNoiseFrequency)</li> <li>- Noise Start Frequency (rsfsq_confNoiseStartFrequency)</li> <li>- Noise Stop Frequency (rsfsq_confNoiseStopFrequency)</li> <li>- Noise Step Frequency (rsfsq_confNoiseStepFrequency)</li> <li>- Noise Frequency Table (rsfsq_confNoiseFrequencyTable)</li> <li>- Noise Fixed IF Frequency (rsfsq_confNoiseFixedIFFrequency)</li> <li>- Noise LO Frequency (rsfsq_confNoiseLOFrequency)</li> <li>- Noise Image Rejection (rsfsq_confNoiseImageRejection)</li> <li>- Noise DUT Type (rsfsq_confNoiseDUTType)</li> <li>- Noise 2nd Stage Correction (rsfsq_confNoise2ndStageCorrection)</li> <li>- Noise 2nd Stage Correction State (rsfsq_confNoise2ndStageCorrectionState)</li> <li>- Noise Resolution Bandwidth (rsfsq_confNoiseRBW)</li> <li>- Noise Sweep Time (rsfsq_confNoiseSweepTime)</li> <li>- Noise DUT Settling Time (rsfsq_confNoiseDUTSettlingTime)</li> <li>- Noise DUT Range (rsfsq_confNoiseDUTRange)</li> <li>- Noise Average (rsfsq_confNoiseAverage)</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- Noise RF Attenuation (rsfsq_confNoiseRFAttenuation)</li> <li>- Noise Ref Level (rsfsq_confNoiseRefLevel)</li> <li>- Noise Pre-selector (rsfsq_confNoisePreselector)</li> <li>- Noise Pre-amplifier (rsfsq_confNoisePreamplifier)</li> <li>- Noise Generator Automatic Control (rsfsq_confNoiseGeneratorAuto)</li> <li>- Noise Generator Settings (rsfsq_confNoiseGeneratorSettings)</li> <li>- Noise Generator Level (rsfsq_confNoiseGeneratorLevel)</li> <li>- Noise Generator Frequency (rsfsq_confNoiseGeneratorFrequency)</li> <li>- Noise ENR Settings (rsfsq_confNoiseENRSettings)</li> <li>- Noise ENR Table (rsfsq_confNoiseENRTable)</li> <li>- Noise Loss Input Settings (rsfsq_confNoiseLossInputSettings)</li> <li>- Noise Loss Input Table (rsfsq_confNoiseLossInputTable)</li> <li>- Noise Loss Output Settings (rsfsq_confNoiseLossOutputSettings)</li> <li>- Noise Loss Output Table (rsfsq_confNoiseLossOutputTable)</li> <li>- Noise Trace Display (rsfsq_confNoiseTraceDisplay)</li> <li>- Noise Trace Settings (rsfsq_confNoiseTraceSettings)</li> <li>- Noise Gain Trace Settings (rsfsq_confNoiseGainTraceSettings)</li> </ul> <p>--- Updated functions (K90/K91) ---</p> <ul style="list-style-type: none"> <li>- Set Active Window (rsfsq_confSetActiveWindow) an alias command is provided ( :DISPlay:SSElect)</li> <li>- WLAN Standard (rsfsq_confWLANStandard) parameter extended, option added, description changed</li> <li>- WLAN Center Frequency (rsfsq_confWLANCenterFrequency) description changed, option added</li> <li>- WLAN Channel No (rsfsq_confWLANChannelNo) description changed, option added</li> <li>- WLAN Auto Level (rsfsq_confWLANAutoLevel) description changed, option added</li> <li>- WLAN External Attenuation (rsfsq_confWLANExtAtt) description changed, option added</li> <li>- WLAN Signal Level (RF) (rsfsq_confWLANSignalLevelRF) description changed, option added</li> <li>- WLAN Signal Level (Baseband) (rsfsq_confWLANSignalLevelBaseband) description changed, option added</li> <li>- WLAN Capture Time (rsfsq_confWLANCaptureTime) description changed, option added</li> <li>- WLAN Overall Burst Count (rsfsq_confWLANOverallBurstCount) description changed, option added</li> <li>- WLAN Trigger Mode (rsfsq_confWLANTriggerMode) description changed, option added</li> <li>- WLAN Trigger Offset (rsfsq_confWLANTriggerOffset) description changed, option added</li> <li>- WLAN Trigger Level (rsfsq_confWLANTriggerLevel) description changed, option added</li> <li>- WLAN Swap IQ (rsfsq_confWLANSwapIQ) description changed, option added</li> <li>- WLAN Baseband Input (rsfsq_confWLANBasebandInput) description changed, option added</li> <li>- WLAN IQ Input (rsfsq_confWLANIQInput) description changed, option added</li> <li>- WLAN Balanced Input (rsfsq_confWLANBalancedInput) description changed, option added</li> <li>- WLAN Low Pass Input (rsfsq_confWLANLowPassInput) description changed, option added</li> <li>- WLAN Dither Input (rsfsq_confWLANDitherInput) description changed, option added</li> </ul>



## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>- WLAN Signal Symbol Field (rsfsq_confWLANSignalSymbolField) description changed, option added</li> <li>- WLAN Burst Type (rsfsq_confWLANBurstType) parameter extended, option added, description changed</li> <li>- WLAN Demodulator (rsfsq_confWLANDemodulator) parameter extended, option added, description changed</li> <li>- WLAN PSDU Modulation (rsfsq_confWLANPSDUModulation) parameter extended, option added, description changed</li> <li>- WLAN Equal Burst Length (rsfsq_confWLANEqualBurstLength) description changed, option added</li> <li>- WLAN No of Data Symbols (rsfsq_confWLANNoDataSymbols) description changed, option added</li> <li>- WLAN Min (Max) No of Data Symbols (rsfsq_confWLANMinMaxNoDataSymbols) description changed, option added</li> <li>- WLAN Channel Estimation in Preamble and Payload (rsfsq_confWLANChanEstPreambPayl) description changed, option added</li> <li>- WLAN Tracking Phase (rsfsq_confWLANTrackingPhase) description changed, option added</li> <li>- WLAN Tracking Timing (rsfsq_confWLANTrackingTiming) description changed, option added</li> <li>- WLAN Tracking Level (rsfsq_confWLANTrackingLevel) description changed, option added</li> <li>- WLAN Gating (rsfsq_confWLANGating) description changed, option added</li> <li>- WLAN Gate Delay (rsfsq_confWLANGateDelay) description changed, option added</li> <li>- WLAN Gate Length (rsfsq_confWLANGateLength) description changed, option added</li> <li>- WLAN Marker State (rsfsq_confWLANMarkerState) description changed, option added</li> <li>- WLAN Marker All Off (rsfsq_confWLANMarkerAllOff) description changed, option added</li> <li>- WLAN Marker to Trace (rsfsq_confWLANMarkerTrace) description changed, option added</li> <li>- WLAN Marker Position (x) (rsfsq_confWLANMarkerPositionx) description changed, option added</li> <li>- WLAN Marker Position (y) (rsfsq_confWLANMarkerPositiony) description changed, option added</li> <li>- WLAN Marker Carrier (rsfsq_confWLANMarkerCarrier) description changed, option added</li> <li>- WLAN Marker Symbol (rsfsq_confWLANMarkerSymbol) description changed, option added</li> <li>- WLAN Display Table (rsfsq_confWLANDisplayTable) description changed, option added</li> <li>- WLAN Mode (rsfsq_actWLANMode) description changed, option added</li> <li>- WLAN Measurement Mode (rsfsq_actWLANMeasMode) description changed, option added</li> <li>- WLAN Constellation Carrier Select (rsfsq_actWLANConstellationCarrierSelect) description changed, option added</li> <li>- WLAN Power Versus Time Select (rsfsq_actWLANPVTSelect) parameter extended, option added, description changed</li> <li>- WLAN Marker Zoom (rsfsq_actWLANMarkerZoom) description changed, option added</li> <li>- WLAN Get Channel Power (rsfsq_actWLANGetChannelPower)</li> </ul>

## FSQ, FSG, FSUP, FSMR driver history

Revision	Date	Note
		<ul style="list-style-type: none"> <li>description changed, option added</li> <li>- WLAN Get Marker Position (x) (rsfsq_confWLANGetMarkerPositionx) description changed, option added</li> <li>- WLAN Get Marker Position (y) (rsfsq_confWLANGetMarkerPositiony) description changed, option added</li> <li>- WLAN Get Marker Carrier (rsfsq_confWLANGetMarkerCarrier) description changed, option added</li> <li>- WLAN Get Marker Symbol (rsfsq_confWLANGetMarkerSymbol) description changed, option added</li> <li>- Fetch WLAN Burst Preamble Power (rsfsq_dataFetchWLANPreamblePower) description changed, option added</li> <li>- Fetch WLAN Burst Payload Power (rsfsq_dataFetchWLANPayloadPower) description changed, option added</li> <li>- Fetch WLAN Burst RMS Power (rsfsq_dataFetchWLANRMSPower) description changed, option added</li> <li>- Fetch WLAN Burst Peak Power (rsfsq_dataFetchWLANPeakPower) description changed, option added</li> <li>- Fetch WLAN Burst Crest Factor (rsfsq_dataFetchWLANCrestFactor) description changed, option added</li> <li>- Fetch WLAN Frequency Error (rsfsq_dataFetchWLANFreqError) description changed, option added</li> <li>- Fetch WLAN Symbol Error (rsfsq_dataFetchWLANSymbolError) description changed, option added</li> <li>- Fetch WLAN IQ Offset Error (rsfsq_dataFetchWLANIQOffset) description changed, option added</li> <li>- Fetch WLAN IQ Imbalance Error (rsfsq_dataFetchWLANGImbalance) description changed, option added</li> <li>- Fetch WLAN Quadrature Offset Error (rsfsq_dataFetchWLANQuadOffset) description changed, option added</li> <li>- Fetch WLAN EVM Results (rsfsq_dataFetchWLANEVMResults) parameter extended, option added, description changed</li> <li>- Read WLAN Trace Data (rsfsq_dataReadTraceWLAN) description changed, option added</li> </ul> <p>--- New functions (K90/K91) ---</p> <ul style="list-style-type: none"> <li>WLAN Spectrum Mask Select (rsfsq_actWLANspectrumMaskSelect)</li> </ul>
1.3.1	01/2004	<p>Modifications</p> <ul style="list-style-type: none"> <li>- Fixed function rsfsq_actTrackCorr</li> <li>- Added Remote-control command(s) to each FP function description</li> <li>- Sample rate value range changed (rsfsq_confTraceIQ and rsfsq_confTraceIQSrate)</li> <li>- rsfsq_dataWriteTrace bug fix for RSIB support</li> <li>- File transfer from FSQ to the PC and vice versa</li> <li>rsfsq_readToFile</li> <li>rsfsq_writeFromFile</li> </ul>
1.3	11/2003	<p>Modifications</p> <p>Added support for instrument options FS-K90 (WLAN 802.11A TX Tests) and FSQ-B71 (I/Q Baseband Input)</p> <ul style="list-style-type: none"> <li>- Fixed functions</li> <li>rsfsq_confTrg</li> <li>- New functions</li> <li>rsfsq_setRFInIQImpedance</li> <li>rsfsq_setRFInIQBalanced</li> <li>rsfsq_setRFInSelect</li> <li>rsfsq_confWLANStandard</li> <li>rsfsq_confWLANCenterFrequency</li> <li>rsfsq_confWLANChannelNo</li> </ul>

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Revision	Date	Note
		rsfsq_confWLANAutoLevel rsfsq_confWLANExtAtt rsfsq_confWLANSignalLevelRF rsfsq_confWLANSignalLevelBaseband rsfsq_confWLANCaptureTime rsfsq_confWLANOverallBurstCount rsfsq_confWLANTriggerMode rsfsq_confWLANTriggerOffset rsfsq_confWLANTriggerLevel rsfsq_confWLANSwapIQ rsfsq_confWLANBasebandInput rsfsq_confWLANIQInput rsfsq_confWLANBalancedInput rsfsq_confWLANLowPassInput rsfsq_confWLANDitherInput rsfsq_confWLANSignalSymbolField rsfsq_confWLANBurstType rsfsq_confWLANDemodulator rsfsq_confWLANPSDUModulation rsfsq_confWLANEqualBurstLength rsfsq_confWLANNoDataSymbols rsfsq_confWLANMinMaxNoDataSymbols rsfsq_confWLANChanEstPreambPayl rsfsq_confWLANTrackingPhase rsfsq_confWLANTrackingTiming rsfsq_confWLANTrackingLevel rsfsq_confWLANGating rsfsq_confWLANGateDelay rsfsq_confWLANGateLength rsfsq_confWLANMarkerState rsfsq_confWLANMarkerAllOff rsfsq_confWLANMarkerTrace rsfsq_confWLANMarkerPositionx rsfsq_confWLANMarkerPositiony rsfsq_confWLANMarkerCarrier rsfsq_confWLANMarkerSymbol rsfsq_confWLANDisplayTable rsfsq_actWLANMode rsfsq_actWLANMeasMode rsfsq_actWLANConstellationCarrierSelect rsfsq_actWLANPVTSelect rsfsq_actWLANMarkerZoom rsfsq_actWLANGetChannelPower rsfsq_confWLANGetMarkerPositionx rsfsq_confWLANGetMarkerPositiony rsfsq_confWLANGetMarkerCarrier rsfsq_confWLANGetMarkerSymbol rsfsq_dataReadTraceWLAN rsfsq_dataFetchWLANPreamblePower rsfsq_dataFetchWLANPayloadPower rsfsq_dataFetchWLANRMSPower rsfsq_dataFetchWLANPeakPower rsfsq_dataFetchWLANCrestFactor rsfsq_dataFetchWLANFreqError rsfsq_dataFetchWLANSymbolError rsfsq_dataFetchWLANIQOffset rsfsq_dataFetchWLANGImbalance

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Revision	Date	Note
		rsfsq_dataFetchWLANQuadOffset rsfsq_dataFetchWLANEVMResults rsfsq_actServiceSourceIQCalSignal Minor changes in help text and FP file
1.2	06/2003	Modifications  Added support for instrument option FS-K70 (VSA) Modified structure of the FP Tree For Agilent VISA Version L01 or higher and Agilent GPIB board added "/n" in I/O functions - New functions rsfsq_confVSAMDigiSTDExt rsfsq_confVSAMDigiSTDSave rsfsq_confVSAMDigiSTDDel rsfsq_confVSAMDigiSTDDefault rsfsq_confVSAMDigiSTDCat rsfsq_confBToothMeasFilter rsfsq_confVSAMDigiDemod rsfsq_confVSAMDigiModSymRate rsfsq_confVSAMDigiModMap rsfsq_confVSAMDigiModMapCat rsfsq_confVSAMDigiModFilter rsfsq_confVSAMDigiModFilterCat rsfsq_confVSAMDigiModAlpha rsfsq_confVSAMDigiModFSKDev rsfsq_confVSAMDigiModPrate rsfsq_confVSAMDigiDemodRecLen rsfsq_confVSAMDigiDemodEvalLines rsfsq_confVSAMDigiDemodNorm rsfsq_confVSAMDigiDemodSband rsfsq_confVSAMDigiResultGroup rsfsq_confVSAMDigiResult rsfsq_confVSAMDigiResultRelAbs rsfsq_confVSAMDigiResultDemodFilter rsfsq_confVSAMDigiResultLength rsfsq_confVSAMDigiEVMCalc rsfsq_confSignalStatisticsState rsfsq_confSignalStatisticsBarsCount rsfsq_confVSAMDigiTraceAdjust rsfsq_confVSAMDigiTraceAlign rsfsq_confVSAMDigiTraceAlignValue rsfsq_confVSAMDigiTraceAlignOffset rsfsq_confVSAMDigiPatternPosition rsfsq_confVSAMDigiSetSymbolNum rsfsq_getVSAMxAxisStartValue rsfsq_getVSAMErrorVectorMagnitude rsfsq_getVSAMMagnitudeError rsfsq_getVSAMPhaseError rsfsq_getVSAMCarrierFrequencyError rsfsq_getVSAMAmplitudeDroopError rsfsq_getVSAMOriginOffsetError rsfsq_getVSAMIQImbalanceError rsfsq_getVSAMPowerMeasurement rsfsq_getVSAMRhoFactorError rsfsq_getVSAMTriggerDelay rsfsq_getVSAMFSKDeviationError rsfsq_getVSAMFSKDeviation

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Revision	Date	Note
		rsfsq_getVSAMCarrierFrequencyDrift rsfsq_getVSAMDigiSyncPatternFound rsfsq_confVSAMBurstSearch rsfsq_confVSAMDigiBurstThreshold rsfsq_confVSAMDigiBurstExpertSearch rsfsq_confVSAMDigiBurstMOnly rsfsq_confVSAMPatternSearch rsfsq_confVSAMDigiSeq rsfsq_confVSAMDigiSeqSel rsfsq_confVSAMDigiSeqStd rsfsq_confVSAMDigiSeqCat rsfsq_confVSAMDigiSeqMOnly rsfsq_confVSAMDigiSeqModDegree rsfsq_dataReadTraceWCDP rsfsq_dataReadTraceC2k rsfsq_dataReadTraceVSA rsfsq_dataReadSymbol rsfsq_confVSAMDigiSeqStdCat - Added to the FSEx compatibility group rsfsq_confVSAMDigiSTD rsfsq_actVSAMMarkerDDemod - Modified functions rsfsq_confVSAMDisp rsfsq_actVSAMMode rsfsq_getVSAMParam rsfsq_getVSFMOffset rsfsq_confVSAMDemodMode rsfsq_confVSAMDigiSearchTime rsfsq_confSetActiveWindow rsfsq_actSAMCopyTrace rsfsq_dataWriteTrace - Description changes rsfsq_getADemodResultValues rsfsq_confVSAMADemodType rsfsq_dataReadTrace rsfsq_dataReadTraceWCDMA - Obsolete functions rsfsq_confVSAMDigiDemodFilter is moved here due to its inconsistency and is replaced by new function rsfsq_confBToothMeasFilter
1.1	04/2003	Modifications - Added new Help for LabVIEW - Get Peaks Values (rsfsq_getPeaksValues) fixed command string - Marker Search Parameter (rsfsq_confSAMMarkSearchParamExt) Range checkig for Search Limits is skipped. - New function           Marker Search Limits (rsfsq_confSAMMarkSearchL imits)  This driver supports the options           B4, B9, B10, B12, B25, K5, K7, K8 (firmware 1.85 or higher), K72, K73, K82 (firmware 1.65 or higher)
1.0.2	02/2003	Modifications - Changed help texts of FSEx compatibility functions in fp file
1.0.1	02/2003	Modifications - Fixed for use in earlier versions of VISA without TCPIP support  This driver supports the options           B4, B9, B10, B12, B25, K5, K7, K8 (firmware 1.85 or higher), K72, K73, K82 (firmware 1.65 or higher)

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Revision	Date	Note
1.0.	01/2003	Created based on FSU instrument driver "Rev 1.3, 01/2003, CVI 6.0"  This driver supports the options B4, B9, B10, B12, B25, K5, K7, K8 (firmware 1.85 or higher), K72, K73, K82 (firmware 1.65 or higher)