

**Driver history for Vector Signal Generators
R&S® SMU200A, R&S® SMJ100A, R&S® SMATE200A
and
Baseband Signal Generator and Fading Simulator R&S® AMU200A**

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2.8.6	06/2008	<p>Modifications:</p> <p>Added rssmu_SetARBTriggerSingleSequenceLength rssmu_GetARBTriggerSingleSequenceLength rssmu_SetARBTriggerSingleSignalDurationUnit rssmu_GetARBTriggerSingleSignalDurationUnit</p> <p>Modified: rssmu_SetWiMAXOFDMARangingSubchannelGroups - corrected command rssmu_GetWiMAXOFDMARangingSubchannelGroups - corrected command K51 checking added Removed option checking for path B for IQ Modulation Added option B206</p>
2.8.5	04/2008	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p>SMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p>SMATE options: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62</p> <p>SMJ options: B9, B10, B11, B13, B16, B18, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K80</p> <p>AMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K47, K48, K49, K50, K51, K52, K53, K54, K55, K56, K61, K62, K71, K72, K74, K80</p> <p>Modifications:</p> <p>Added 1xEV-DO subclass (K47) DAB subclass (K53) rssmu_DMFilterListCatalog</p>

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		rssmu_DMFilterListDelete rssmu_DMFilterListSelect
2.8.1	02/2008	Modifications: Fixed rssmu.lib in installer. Please note that version of C code and DLL remains 2.8!
2.8.0	02/2008	This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A SMU options: B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62, K71, K72, K74, K80 SMATE options: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62 SMJ options: B9, B10, B11, B13, B16, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62, K80 AMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K54, K55, K56, K61, K62, K71, K72, K74, K80 Added IEEE 802.11n /WLAN-N subclass (K54) EUTRA/LTE subclass (K55) XM-Radio subclass (K56) Fading(K72, K74) rssmu_SetC2kFilterParameterLowPass rssmu_GetC2kFilterParameterLowPass rssmu_SetTDSCDMAFilterParameterLowPass rssmu_GetTDSCDMAFilterParameterLowPass rssmu_SetWLANFilterParameterLowPass rssmu_GetWLANFilterParameterLowPass rssmu_SetWiMAXVersion rssmu_GetWiMAXVersion rssmu_SetWiMAXOFDMAPredefinedFrame rssmu_GetWiMAXOFDMAPredefinedFrame rssmu_SetWiMAXOFDMADedicatedPilot rssmu_GetWiMAXOFDMADedicatedPilot rssmu_SetWiMAXOFDMAPilotPattern rssmu_GetWiMAXOFDMAPilotPattern rssmu_SetWiMAXOFDMAUImapDCDCID rssmu_GetWiMAXOFDMAUImapDCDCID rssmu_SetWiMAXOFDMAUImapUCDCID rssmu_GetWiMAXOFDMAUImapUCDCID rssmu_SetWiMAXOFDMAUImapRangingBackoffStart rssmu_GetWiMAXOFDMAUImapRangingBackoffStart rssmu_SetWiMAXOFDMAUImapRangingBackoffEnd rssmu_GetWiMAXOFDMAUImapRangingBackoffEnd rssmu_SetWiMAXOFDMAUImapRequestBackoffStart rssmu_GetWiMAXOFDMAUImapRequestBackoffStart rssmu_SetWiMAXOFDMAUImapRequestBackoffEnd rssmu_GetWiMAXOFDMAUImapRequestBackoffEnd

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		rssmu_SetWiMAXOFDMADlmapIncludeCIDSwitch rssmu_GetWiMAXOFDMADlmapIncludeCIDSwitch rssmu_SetWiMAXOFDMADlmapDCDCID rssmu_GetWiMAXOFDMADlmapDCDCID rssmu_SetWiMAXOFDMADlmapCompressedMap rssmu_GetWiMAXOFDMADlmapCompressedMap rssmu_SetWiMAXOFDMADlmapAppendCompressedUIMap rssmu_GetWiMAXOFDMADlmapAppendCompressedUIMap rssmu_SetWiMAXOFDMADlmapAllocationStartTimeBase rssmu_GetWiMAXOFDMADlmapAllocationStartTimeBase rssmu_SetWiMAXOFDMADlmapAllocationStartTime rssmu_GetWiMAXOFDMADlmapAllocationStartTime rssmu_SetWiMAXOFDMADlmapUImapFile rssmu_GetWiMAXOFDMADlmapUImapFile rssmu_SetWiMAXOFDMAFastFeedbackMode rssmu_GetWiMAXOFDMAFastFeedbackMode rssmu_GetWiMAXOFDMAFastFeedbackCodewordSize rssmu_SetWiMAXOFDMAFastFeedbackSubchannels rssmu_GetWiMAXOFDMAFastFeedbackSubchannels rssmu_SetWiMAXOFDMAFastFeedbackSymbols rssmu_GetWiMAXOFDMAFastFeedbackSymbols rssmu_SetWiMAXOFDMASoundingType rssmu_GetWiMAXOFDMASoundingType rssmu_SetWiMAXOFDMASoundingRelevanceFlag rssmu_GetWiMAXOFDMASoundingRelevanceFlag rssmu_SetWiMAXOFDMASoundingRelevance rssmu_GetWiMAXOFDMASoundingRelevance rssmu_GetWiMAXOFDMASoundingPermutation rssmu_SetWiMAXOFDMASoundingSeparabilityType rssmu_GetWiMAXOFDMASoundingSeparabilityType rssmu_SetWiMAXOFDMASoundingDecimationValue rssmu_GetWiMAXOFDMASoundingDecimationValue rssmu_SetWiMAXOFDMASoundingDecimationOffsetRandomization rssmu_GetWiMAXOFDMASoundingDecimationOffsetRandomization rssmu_SetWiMAXOFDMASoundingTotalNumberOfCids rssmu_GetWiMAXOFDMASoundingTotalNumberOfCids rssmu_SetWiMAXOFDMASoundingMaxCyclicShiftIndex rssmu_GetWiMAXOFDMASoundingMaxCyclicShiftIndex rssmu_SetWiMAXOFDMASoundingDLPermBase rssmu_GetWiMAXOFDMASoundingDLPermBase rssmu_SetWiMAXOFDMASoundingSymbol rssmu_GetWiMAXOFDMASoundingSymbol rssmu_SetWiMAXOFDMASoundingCID rssmu_GetWiMAXOFDMASoundingCID rssmu_SetWiMAXOFDMASoundingPowerBoost rssmu_GetWiMAXOFDMASoundingPowerBoost rssmu_SetWiMAXOFDMASoundingFrequencyBands rssmu_GetWiMAXOFDMASoundingFrequencyBands rssmu_SetWiMAXOFDMASoundingStartFrequencyBand rssmu_GetWiMAXOFDMASoundingStartFrequencyBand rssmu_SetWiMAXOFDMASoundingRelevanceState rssmu_GetWiMAXOFDMASoundingRelevanceState rssmu_SetWiMAXOFDMASoundingCyclicShiftIndex rssmu_GetWiMAXOFDMASoundingCyclicShiftIndex rssmu_SetWiMAXOFDMASoundingDecimationOffset rssmu_GetWiMAXOFDMASoundingDecimationOffset rssmu_SetWiMAXOFDMASoundingPeriodicity

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		rssmu_GetWiMAXOFDMASoundingPeriodicity rssmu_SetWiMAXOFDMASoundingSubchannels rssmu_GetWiMAXOFDMASoundingSubchannels rssmu_SetWiMAXOFDMASoundingSubchannelOffset rssmu_GetWiMAXOFDMASoundingSubchannelOffset rssmu_SetWiMAXOFDMAUCDRangingBackoffStart rssmu_GetWiMAXOFDMAUCDRangingBackoffStart rssmu_SetWiMAXOFDMAUCDRangingBackoffEnd rssmu_GetWiMAXOFDMAUCDRangingBackoffEnd rssmu_SetWiMAXOFDMAUCDRequestBackoffStart rssmu_GetWiMAXOFDMAUCDRequestBackoffStart rssmu_SetWiMAXOFDMAUCDRequestBackoffEnd rssmu_GetWiMAXOFDMAUCDRequestBackoffEnd rssmu_SetDVBFilterParameterLowPass rssmu_GetDVBFilterParameterLowPass rssmu_SetDMFilterLowPass rssmu_GetDMFilterLowPass rssmu_SetARBExtendedTriggerMode rssmu_GetARBExtendedTriggerMode rssmu_SetARBSignalName rssmu_GetARBSignalName rssmu_ARBSignalCreate rssmu_GetGPSPDOP rssmu_GetGPSSatelliteDuration rssmu_SetFSIMKeepConstant rssmu_GetFSIMKeepConstant rssmu_GetFSIMTCIReferenceDoplerFrequency rssmu_SetFSIMTCIDoplerFrequencyRatio rssmu_GetFSIMTCIDoplerFrequencyRatio rssmu_GetFSIMTCIMovingDoplerFrequency rssmu_FSIMMIMOTab rssmu_FSIMMIMOCopyToNext rssmu_FSIMMIMOCopyToPrevious rssmu_ConfigureFSIMMIMOMatrix rssmu_ConfigureFSIMMIMOKronecker rssmu_SetFSIMMIMOMatrixMode rssmu_GetFSIMMIMOMatrixMode rssmu_SetFSIMMIMOMatrixPhase rssmu_GetFSIMMIMOMatrixPhase rssmu_SetFSIMMIMOMatrixRatio rssmu_GetFSIMMIMOMatrixRatio rssmu_FSIMMIMOMatrixAccept rssmu_FSIMMIMOMatrixConflict rssmu_SetFSIMMIMOKroneckerCorrelationRxPhase rssmu_GetFSIMMIMOKroneckerCorrelationRxPhase rssmu_SetFSIMMIMOKroneckerCorrelationRxRatio rssmu_GetFSIMMIMOKroneckerCorrelationRxRatio rssmu_SetFSIMMIMOKroneckerCorrelationRxReal rssmu_GetFSIMMIMOKroneckerCorrelationRxReal rssmu_SetFSIMMIMOKroneckerCorrelationRxImaginary rssmu_GetFSIMMIMOKroneckerCorrelationRxImaginary rssmu_SetFSIMMIMOKroneckerCorrelationTxPhase rssmu_GetFSIMMIMOKroneckerCorrelationTxPhase rssmu_SetFSIMMIMOKroneckerCorrelationTxRatio rssmu_GetFSIMMIMOKroneckerCorrelationTxRatio rssmu_SetFSIMMIMOKroneckerCorrelationTxReal rssmu_GetFSIMMIMOKroneckerCorrelationTxReal

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<p>rssmu_SetFSIMMIMOKroneckerCorrelationTxImaginary rssmu_GetFSIMMIMOKroneckerCorrelationTxImaginary</p> <p>modified functions: rssmu_ConfigC2kFilter rssmu_SetC2kFilterType rssmu_GetC2kFilterType rssmu_ConfigWLANFilter rssmu_SetWLANFilterType rssmu_GetWLANFilterType rssmu_ConfigDVBFilter rssmu_SetDVBFilterType rssmu_GetDVBFilterType rssmu_ConfigDMFilter rssmu_SetDMFilterType rssmu_GetDMFilterType</p> <p>removed functions: rssmu_WiMAXVersion rssmu_SetW3GPPHSUPAFRCHARQStateUE rssmu_GetW3GPPHSUPAFRCHARQStateUE</p>
2.6.2	08/2007	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p>SMU options: B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K71, K80</p> <p>SMATE options:: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K48 K49, K50, K51, K52, K61, K62</p> <p>SMJ options: B9, B10, B11, B13, B16, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K80</p> <p>AMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K55, K61, K62, K71, K80</p> <p>Modifications: LabVIEW only release. - Fixed driver for options.</p>
2.6.1	05/2007	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p>SMU options: B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K71, K80</p> <p>SMATE options:: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K48 K49, K50, K51, K52, K61, K62</p> <p>SMJ options: B9, B10, B11, B13, B16, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K80</p> <p>AMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K55, K61, K62, K71,</p>

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<p>K80</p> <p>Modifications: Fixed rssmu_writeFromFile</p>
2.6	04/2007	<p>This driver supports SMU200A, SMATE200A, SMJ100A, AMU200A</p> <p>SMU options: B9, B10, B11, B13, B14, B15, B16, B17, B20, B22, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K71, K80</p> <p>SMATE options:: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K45, K46, K48 K49, K50, K51, K52, K61, K62</p> <p>SMJ options: B9, B10, B11, B13, B16, B20, B50, B51, B103, B106, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K61, K62, K80</p> <p>AMU options: B9, B10, B11, B13, B14, B15, B16, B17, B18, K40, K42, K43, K44, K45, K46, K48, K49, K50, K51, K52, K55, K61, K62, K71, K80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - added AMU support - added support for transfer of huge files to SMU: rssmu_writeHugeFileStart, rssmu_contHugeFile - added AMU-only functions: <ul style="list-style-type: none"> rssmu_SetIQOutputAnalogState rssmu_GetIQOutputAnalogState rssmu_SetIQOutputLevel rssmu_GetIQOutputLevel rssmu_SetIQOutputPowerOnState rssmu_GetIQOutputPowerOnState rssmu_SetIQOutputLoade rssmu_GetIQOutputLoad rssmu_SetIQOutputDigitalState rssmu_GetIQOutputDigitalState rssmu_SetIQOutputDigitalLevels rssmu_GetIQOutputDigitalLevel rssmu_SetIQOutputDigitalPowerOnStated rssmu_GetIQOutputDigitalPowerOnState - modified functions: <ul style="list-style-type: none"> rssmu_SetGSMFixedPattern - fixed bug rssmu_SetWiMAXOFDMAHARQMode - fixed bug rssmu_GetW3GPPACKNACKPatternHSDPCCHUE - fixed bug rssmu_SetW3GPPCompressedModeMethodUE - removed puncturing rssmu_ConfigW3GPPCompressedModeUE - Puncturing changed to SF2 rssmu_SetW3GPPCodingStatePRACHUE rssmu_GetW3GPPCodingStatePRACHUE - added User Equipment rssmu_SetW3GPPDataSourceTCHBS1 rssmu_SetW3GPPDataSourceofDataFieldsBS, rssmu_SetW3GPPDataSourceUE1 rssmu_ConfigureWiMAXOFDMFCH rssmu_SetWiMAXOFDMFCHDataSource, rssmu_SetWiMAXOFDMBurstDataSource rssmu_SetC2kDataBS - removed USB
2.5	04/2007	<p>This driver supports SMU200A, SMATE200A, SMJ100A</p> <p>SMU options:</p>

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<p>B9, B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K50, K51, K52, K61, K62, K71, K80</p> <p>SMATE options:: B9, B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K50, K51, K52, K61, K62</p> <p>SMJ options: B9, B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K50, K51, K52, K61, K62, K80</p> <p>Modifications: -added TD-SCDMA subclass (K50) DVB subclass (K52) rssmu_GSMSettingsCatalog rssmu_GSMDeleteSettings rssmu_GSMRecallSettings rssmu_GSMSaveSettings rssmu_GetWiMAXOFDMAHARQSlotsAvailable rssmu_GetWiMAXOFDMAHARQFormat rssmu_SetWiMAXOFDMAHARQCount rssmu_SetWiMAXOFDMAHARQPacketSize rssmu_SetWiMAXOFDMAHARQSlotCount rssmu_DMSettingsCatalog rssmu_DMDeleteSettings rssmu_DMRecallSettings rssmu_DMSaveSettings rssmu_SetBBINMeasurementPeriod rssmu_GetBBINRMSPower rssmu_GetBBINPowerLevel rssmu_GetBBINSampleRate rssmu_GetBBINCurrentSampleRate rssmu_SetBBINImpairmentsGainImbalance rssmu_SetBBINImpairmentsIOffset rssmu_SetBBINImpairmentsQOffset rssmu_SetFSIMFdelFadingProfile 2 Channel Interferer subclass I/Q Output subsystem Import Export subclass Correction subclass Power Measurement subclass Keyboard subclass Display subclass rssmu_SYSTEMUSBResource rssmu_GetSYSTEMBIOSVersion rssmu_SYSTEMDate rssmu_SYSTEMTime rssmu_SetSYSTEMIdentification Network Subclass</p> <p>-Modified: fixed ranges in rssmu_SetWiMAXOFDMABurstTableNumberOfSymbols fixed mode values in rssmu_SetFMMMode, rssmu_GetFMMMode, rssmu_confFM fixed rssmu_confGSMTrigger modified rssmu_confRFLevel - sends amplitude, offset and limit in one viWrite modified rssmu_SetGSMTriggerMode, rssmu_GetGSMTriggerMode modified rssmu_SetGSMTriggerSource, rssmu_GetGSMTriggerSource</p>

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<p>added rssmu_checkBaseband for checking all baseband options added rssmu_setCheckOption function added option checking of B9</p>
2.4.6	11/2006	<p>This driver supports SMU200A, SMATE200A, SMJ100A</p> <p>SMU options: B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K61, K62, K71, K80</p> <p>SMATE options:: B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K61, K62</p> <p>SMJ options: B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K61, K62, K80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - added rssmu_WiMAXVersion physical layer mode in rssmu_SetWiMAXPhysicalLayerMode rssmu_WiMAXGenerateWaveformFile physical layer mode in rssmu_SetWiMAXLevelReference rssmu_SetWiMAXOFDMNumberOfBursts rssmu_SetWiMAXOFDMFrameNumber rssmu_SetWiMAXOFDMBurstType rssmu_SetWiMAXOFDMUImapAllocationStartTimeBase rssmu_SetWiMAXOFDMUImapAllocationStartTime rssmu_SetWiMAXOFDMUImapFile rssmu_SetWiMAXOFDMUImapUCDCCount WiMAX Frame Configuration OFDMA subclass rssmu_SetWiMAXFilterType rssmu_SetWiMAXFilterMode rssmu_SetWiMAXCutOffFrequencyShift rssmu_SetWiMAXFilterParameterRootCosine rssmu_SetWiMAXFilterParameterCosine rssmu_SetWiMAXFilterParameterGaussPure rssmu_SetWiMAXFilterParameterGaussFSK rssmu_SetWiMAXFilterParameterAPCO25 rssmu_SetWiMAXFilterParameterSplitPhase rssmu_SetWiMAXTriggerSignalDurationUnit rssmu_SetWiMAXTriggerRiseOffset rssmu_SetWiMAXTriggerFallOffset rssmu_SetW3GPPHSUPAFRCCHARQFeedbackSimulationStateUE - removed rssmu_SetW3GPPHSUPAFRCVirtualHARQStateUE <p>- fixed B15 checking in Fading Simulator</p>
2.4.5	11/2006	<p>This driver supports SMU200A, SMATE200A, SMJ100A</p> <p>SMU options: B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K61, K62, K71, K80</p> <p>SMATE options:: B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K61, K62</p> <p>SMJ options: B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K61, K62, K80</p>

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		Modifications: - Fixed TLB, DLL only release. No source code change.
2.4.4	10/2006	This driver supports SMU200A, SMATE200A, SMJ100A SMU options: B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K61, K62, K71, K80 SMATE options:: B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K61, K62 SMJ options: B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K61, K62, K80 Modifications: - added new channel types in rssmu_SetW3GPPChannelTypeBS - added F-DPCH Settings - added AICH - added AP-AICH - added rssmu_SetW3GPPPowerOffsetAckNackHSDPCCHUE - added rssmu_GetW3GPPPowerOffsetAckNackHSDPCCHUE - added rssmu_SetGPSSatelliteTimeShiftSatellite (replacing function rssmu_SetGPSSatelliteTimeShiftPCCodeChips) - added rssmu_GetGPSSatelliteTimeShiftSatellite (replacing function rssmu_GetGPSSatelliteTimeShiftPCCodeChips) - fixed rssmu_delay - fixed rssmu_ConfigBLER - fixed rssmu_ConfigBERT
2.4.3	10/2006	This driver supports SMU200A, SMATE200A, SMJ100A SMU options: B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K61, K62, K71, K80 SMATE options:: B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K61, K62 SMJ options: B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K61, K62, K80 Modifications: - added HSUPA Support
2.4.2	^07/2006	This driver supports SMU200A, SMATE200A, SMJ100A SMU options: B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K61, K62, K71, K80 SMATE options:: B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K61, K62 SMJ options: B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K61, K62, K80 Modifications: For LabVIEW only Changed rssmu.chm

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
2.4.1	02/2006	<p>This driver supports SMU200A, SMATE200A, SMJ100A</p> <p>SMU options: B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K61, K62, K71, K80</p> <p>SMATE options:: B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K61, K62</p> <p>SMJ options: B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K61, K62, K80</p> <p>Modifications: - changed option checking in Fadind Simulator</p>
2.4	02/2006	<p>This driver supports SMU200A, SMATE200A, SMJ100A</p> <p>SMU options: B10, B11, B13, B14, B15, B16, B17, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K44, K46, K48, K49, K61, K62, K71, K80</p> <p>SMATE options:: B10, B11, B13, B16, B22, B31, B36, B103, B106, B203, B206, K40, K42, K43, K44, K46, K48 K49, K61, K62</p> <p>SMJ options: B10, B11, B13, B16, B20, B103, B106, K40, K42, K43, K44, K46, K48, K49, K61, K62, K80</p> <p>Modifications: - removed hardware option checking where not necessary - added HS-DPCCH functionality (WCDMA) - added GPS (option SMU-K44) - added WLAN (option SMU-K48) - added WiMAX (option SMU-K49)</p> <p>- driver split into several C modules - fixed rssmu_ConfigFSIMPathTableBirthDeath, rssmu_SetFSIMBirthDeathPositions, rssmu_SetFSIMBirthDeathPositions - fixed panel of rssmu_confRFLevel</p>
2.3.6	10/2005	<p>This driver supports SMATE200A, SMJ100A and the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p> <p>Modifications: - removed rssmu_SetGSMRampDelay, rssmu_GetGSMRampDelay - fixed rssmu_GetGSMRiseOffset rssmu_SetGSMRiseOffset rssmu_SetGSMFallOffset rssmu_GetGSMFallOffset rssmu_SetW3GPPTransportTimeIntervalTCHBS1 - changed rssmu_confGSMPowerRamp - removed Delay parameter rssmu_GetC2kEffectiveDataRateBS - changed data type - options B10 and B11 are not checked with path</p>
2.3.5	0(/2005	<p>This driver supports SMATE200A, SMJ100A and the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p>

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<p>Modifications:</p> <ul style="list-style-type: none"> - rssmu_delay - modified - rssmu_init - >R command added - new function rssmu_getOptionCount added
2.3.4	0(/2005	<p>This driver supports SMATE200A, SMJ100A and the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - Option B11 checking added to B10. - Bugs in option checking fixed - Bugs in command fixed rssmu_SetIQAnalogWidebandGain rssmu_GetIQAnalogWidebandGain- rssmu_SetBBINIQSkew - value range changed to -5000.00 to 5000.00 ps. Value is set in [ps].
3.3.3	07/2005	<p>This driver supports SMATE200A, SMJ100A and the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - Fixed recognition of B11 option - Fixed formatting of extremely small numbers
2.3.2	06/2005	<p>This driver supports SMATE200A, SMJ100A and the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - Fixed option checking for SMJ and SMATE
2.3.1	06/2005	<p>This driver supports SMATE200A, SMJ100A and the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - Linux compatibility release - I/O conversion specification fixed: Input: "%le" for ViReal64, "%ld" for ViInt32 Output: "%.12f" for ViReal64, "%ld" for ViInt32 - System locale are set to default "C"
2.3.0	04/2005	<p>- Driver update for SMATE200A and SMJ100A</p> <p>This driver supports the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p> <p>Modifications:</p> <p>SMATE and SMJ support added</p> <p>SMATE functions were added</p> <ul style="list-style-type: none"> -rssmu_SetSourInpContRfm -rssmu_GetSourInpContRfm <p>Instrument version checking added into funtions:</p> <ul style="list-style-type: none"> -rssmu_OvervoltageProtectionClear -rssmu_confMCCWCrestFactor updated, Crest Factor FAST removed, SLOW renamed to Target Crest

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<ul style="list-style-type: none"> -Required options in help in BERT and BLER Subsystem Modified -Option checking fixed in C2k Subsystem -Option checking fixed in GSM Subsystem -Option checking fixed in MCCW Subsystem -Option checking fixed in 3GPP Subsystem -Slot control help in GSM subsystem was changed -Option B11 added <p>Added Frequency Modulation subsystem</p> <ul style="list-style-type: none"> rssmu_confFM rssmu_SetFMState rssmu_GetFMState rssmu_SetFMSource rssmu_GetFMSource rssmu_SetFMMode rssmu_GetFMMode rssmu_SetFMDeviation rssmu_GetFMDeviation rssmu_SetFMExtCoupling rssmu_GetFMExtCoupling <p>Added External Input subsystem</p> <ul style="list-style-type: none"> rssmu_SetExtInpImpedance rssmu_GetExtInpImpedance <p>Added External Baseband Signal - Baseband Input</p> <ul style="list-style-type: none"> rssmu_confBBIN rssmu_SetBBINFrequencyOffset rssmu_GetBBINFrequencyOffset rssmu_SetBBINPathGain rssmu_GetBBINPathGain rssmu_SetBBINSignalRouting rssmu_GetBBINSignalRouting rssmu_confBBINSettings rssmu_SetBBINState rssmu_GetBBINState rssmu_SetBBINMode rssmu_GetBBINMode rssmu_SetBBINIQSwap rssmu_GetBBINIQSwap rssmu_SetBBINIQSkew rssmu_GetBBINIQSkew rssmu_BBINAutoLevelSet rssmu_SetBBINCrestFactor rssmu_GetBBINCrestFactor rssmu_SetBBINPeakLevel rssmu_GetBBINPeakLevel rssmu_GetBBINOverloadState
2.2.3	04/2005	<p>This driver supports the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80</p> <p>Modifications:</p> <ul style="list-style-type: none"> - Fixed: <ul style="list-style-type: none"> rssmu_SetIQOutputSignal and rssmu_GetIQOutputSignal (paramater path deleted; not applicable)
2.2.2	03/2005	<p>This driver supports the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61,</p>

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		K62, K71, K80 Modifications: - Fixed: RSSMU Operation Complete.vi
2.2.1	03/2005	This driver supports the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80 Modifications: - rssmu_SetFSIMStandard FP control Standard bug fixed - rssmu_GetFSIMStandard modified to return Vilnt32 - duplicated declaration in .h removed - fp for rssmu_DMDataListTags created - rssmu_SetMCCWOptimizeCrestFactorMode updated, Crest Factor FAST removed, SLOW renamed to Target Crest - added rssmu_readToFile - added rssmu_writeFromFile - fixed rssmu_MMEMoryBlockDataWrite
2.2	02/2005	This driver supports the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80 Modifications: - Added Fading Simulator subsystem - Fixed rssmu_confDMPowerRamp - Fixed rssmu_confDMTrigger - Fixed dmTriggerSourceArr[] - Fixed rssmu_readHexArrayToBin - Fixed rssmu_DMControlListDataWrite - Fixed rssmu_confARBTriggerIn - Fixed rssmu_ARBWaveformDataRead - Fixed rssmu_ARBWaveformTag - Fixed rssmu_MMEMoryBlockDataWrite - Fixed rssmu_confMCCWTriggerIn - Fixed rssmu_confMCCWTableSetupAssistant - Fixed rssmu_confGSMTrigger - Fixed rssmu_GetGSMMixed - Fixed rssmu_GetGSMFixedPattern - Fixed rssmu_SetW3GPPChannelTypeBS - Fixed rssmu_SetW3GPPTPCPatternFieldBS - Fixed rssmu_SetW3GPPPatternPRACHUE - Fixed rssmu_SetW3GPPFBIPatternPCPCHUE - Fixed rssmu_SetW3GPPTPCPatternPCPCHUE - Fixed rssmu_SetW3GPPFBIPatternDPCCHUE - Fixed rssmu_SetW3GPPTPCPatternDPCCHUE - Fixed rssmu_SetW3GPPDCCHPatternDPDCHUE - Fixed rssmu_SetBERTThreshold - Fixed rssmu_GetBERTThreshold - Fixed rssmu_SetBERTImpedance - Fixed rssmu_GetBERTImpedance - Fixed rssmu_GetC2kPowerControlPatternMS - Fixed rssmu_ConfigC2kChannelSettingsMS
2.1.1	01/2005	This driver supports the options: B10, B11, B13, B14, B15, B30, B31, B32, B35, B36, B37, B102, B103, B104, B106, B202, B203, K40, K42, K43, K46,, K61, K62, K71, K80 Modifications: - Added FADING support - Fixed rssmu_defaultInstrSetup
2.1	11/2004	Modifications: - Added CMDA 2000 subsystem

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<ul style="list-style-type: none"> - Added rssmu_SetAWGNSystemBandwidthRatio - Added rssmu_GetAWGNSystemBandwidthRatio - Fixed roscSbanArr[] array - Fixed rssmu_getCatalog - Fixed rssmu_GetDMDDataPattern - Fixed rssmu_SetDMDDataPattern - Fixed rssmu_SetDMMarkerPattern - Fixed rssmu_GetDMMarkerPattern - Fixed rssmu_SetARBMarkerChannelPattern - Fixed rssmu_GetARBMarkerChannelPattern - Fixed rssmu_GetGSMMixed - Fixed rssmu_SetGSMFixedPattern - Fixed rssmu_GetGSMFixedPattern - Fixed rssmu_SetGSMDDataPattern - Fixed rssmu_GetGSMDDataPattern - Fixed rssmu_SetGSMMarkerPattern - Fixed rssmu_GetGSMMarkerPattern - Fixed rssmu_SetW3GPPPPatternTCHBS1 - Fixed rssmu_GetW3GPPPPatternTCHBS1 - Fixed rssmu_SetW3GPPDlistPatternDlistPatternBS - Fixed rssmu_GetW3GPPDlistPatternDlistPatternBS - Fixed rssmu_SetW3GPPPPatternPRACHUE - Fixed rssmu_GetW3GPPPPatternPRACHUE - Fixed rssmu_SetW3GPPDataPatternPCPCHUE - Fixed rssmu_GetW3GPPDataPatternPCPCHUE - Fixed rssmu_SetW3GPPDPDCHPatternDPDCHUE - Fixed rssmu_GetW3GPPDPDCHPatternDPDCHUE - Fixed rssmu_SetW3GPPDataPatternUE1 - Fixed rssmu_GetW3GPPDataPatternUE1 - change range checking from 1 to 8 to 0 to 7 rssmu_GSMsaveUserSlot rssmu_GSMRecallUserSlot rssmu_GSMDeleteUserSlot rssmu_GSMUserSlotCatalog rssmu_SetGSMUserSync rssmu_GetGSMUserSync rssmu_SetGSMUserETSC rssmu_GetGSMUserETSC rssmu_GetGSMTrainingSequenceSync rssmu_SetGSMTrainingSequenceSync rssmu_GetGSMUserTSC rssmu_SetGSMUserTSC rssmu_GetGSMDDataPattern rssmu_SetGSMDDataPattern rssmu_GSMDataListCatalog rssmu_GSMSelectDataList rssmu_GetGSMDData rssmu_SetGSMDData rssmu_GetGSMStealingFlagUse rssmu_SetGSMStealingFlagUse rssmu_GetGSMStealingFlag rssmu_SetGSMStealingFlag rssmu_GSMRecallPredefinedSlot rssmu_GSMPredefinedSlotsCatalog rssmu_GetGSMslotLevel
2.0	05/2004	Modifications: - Functions tree structure is changed

SMU200A, SMJ100A, SMATE200A, AMU200A driver history

Revision	Date	Note
		<ul style="list-style-type: none">- Naming convention of the functions is changed- Added 3GPP FDD subsystem- Added Bit and Block Error Rate subsystem
1.1.1	11/2003	Modifications: <ul style="list-style-type: none">- Added application example
1.1	11/2003	Modifications: <ul style="list-style-type: none">- Fixed VB include file- Fixed rssmu_ARBWaveformDataRead- Fixed rssmu_MMEMoryBlockDataRead- Fixed rssmu_getCatalog mid level function- Fixed rssmu_getViString mid level function- Fixed rssmu_getViCharArrayPath mid level function- Fixed rssmu_readHexArrayToBin mid level function
1.0.1	10/2003	Modifications: <ul style="list-style-type: none">- minor changes in installation script
1.0.0	09/2003	Driver created