

HYghGYei YbWg

Specifications are subject to change without notice.

Regression Tests and Test Sequences

A number of common test sequences are bundled with the MX847503A SmartStudio Manager for confirming basic UE operations, including voice calling and receiving, SMS sending and receiving, data throughput, etc. Due to UE limitations, an AT command interface is provided, enabling continuous testing without user operations.

Category	Procedure	Radio System	File Name	Packet Rate
Registration	Attach	LTE	Registration_L_Attach.test	DL 15.8M/UL 12.6M @5 MHz
		W-CDMA	Registration_W_Attach.test	-
		GSM	Registration_G_Attach.test	-
	Out of Service	LTE	Registration_L_OutOfService.test	DL 15.8M/UL 12.6M @5 MHz
		W-CDMA	Registration_W_OutOfService.test	DL 384k/UL 64k
		GSM	Registration_G_OutOfService.test	DL 30.4k/UL 15.2k
		TD-SCDMA	Registration_T_OutOfService.test	DL 384k/UL 64k
	CDMA2000	Registration_C_OutOfService.test		
Service	Voice	W-CDMA	Service_W_Voice.test	-
		GSM	Service_GSM_Voice.test	-
		TD-SCDMA	Service_T_Voice.test	-
		CDMA2000	Service_C_Voice.test	-
	Packet	W-CDMA	Service_W_Packet.test	DL 384k/UL 64k
		GSM	Service_GPRS_Packet.test	DL 30.4k/UL 15.2k
		TD-SCDMA	Service_T_Packet.test	DL 384k/UL 64k
		CDMA2000	Service_DO_Packet.test	
	MOMR CSFB	LTE - W-CDMA	Service_L2W_CSFB_MOMR.test	DL 15.8M/UL 12.6M @5 MHz
		LTE - GSM	Service_L2G_CSFB_MOMR.test	DL 15.8M/UL 12.6M @5 MHz
	MTNR CSFB	LTE - W-CDMA	Service_L2W_CSFB_MTNR.test	DL 15.8M/UL 12.6M @5 MHz
		LTE - GSM	Service_L2G_CSFB_MTNR.test	DL 15.8M/UL 12.6M @5 MHz
	Mobility	Cell Selection/Reselection	LTE - LTE	Mobility_LL_SelResel.test
LTE - W-CDMA			Mobility_LW_SelResel.test	-
LTE - GSM			Mobility_LG_SelResel.test	-
Redirection		LTE - LTE	Mobility_LL_Redirection.test	DL 15.8M/UL 12.6M @5 MHz
		LTE - W-CDMA	Mobility_LW_Redirection.test	L : DL 15.8M/UL 12.6M @5 MHz W : DL 384k/UL 64k
		LTE - GSM	Mobility_LG_Redirection.test	DL 15.8M/UL 12.6M @5 MHz
Handover		LTE - LTE	Mobility_LL_Handover.test	DL 15.8M/UL 12.6M @5 MHz
		LTE - W-CDMA	Mobility_LW_Handover.test	L : DL 15.8M/UL 12.6M @5 MHz W : DL 384k/UL 64k
		LTE - GSM	Mobility_LG_CellChange.test	L : DL 15.8M/UL 12.6M @5 MHz G : DL 30.4k/UL 15.2k
MOMR SRVCC		LTE - W-CDMA	Mobility_LW_SRVCC_MOMR.test	DL 15.8M/UL 12.6M @5 MHz
MTNR SRVCC		LTE - W-CDMA	Mobility_LW_SRVCC_MTNR.test	DL 15.8M/UL 12.6M @5 MHz
TAU		LTE	Mobility_LL_TAU.test	-
RAU/LAU		W-CDMA	Mobility_WW_RAULAU.test	-
	GSM	Mobility_GG_RAULAU.test	-	
SMS	MO SMS over SGs	LTE	SMS_L_SMSoverSGs_MO.test	-
		W-CDMA	SMS_W_SMSoverSGs_MO.test	-
		GSM	SMS_G_SMSoverSGs_MO.test	-
		TD-SCDMA	SMS_T_SMSoverSGs_MO.test	-
		CDMA2000	SMS_C_SMSoverSGs_MO.test	-
	MT SMS over SGs	LTE	SMS_L_SMSoverSGs_MT.test	-
		W-CDMA	SMS_W_SMSoverSGs_MT.test	-
		GSM	SMS_G_SMSoverSGs_MT.test	-
		TD-SCDMA	SMS_T_SMSoverSGs_MT.test	-
		CDMA2000	SMS_C_SMSoverSGs_MT.test	-
IMS	MO SMS over IMS	LTE	IMS_L_SMSoverIMS_MO.test	DL 15.8M/UL 12.6M @5 MHz
	MT SMS over IMS	LTE	IMS_L_SMSoverIMS_MT.test	DL 15.8M/UL 12.6M @5 MHz
Battery Consumption	Stand-by Test	GSM	TS09_GSM_StandbyTime.test	-
		GSM	TS09_G_StandbyTime.test	-
		W-CDMA	TS09_W_StandbyTime.test	-
		GSM - W-CDMA	TS09_GSM_W_StandbyTime.test	-
		GSM - W-CDMA	TS09_G_W_StandbyTime.test	-
		W-CDMA - GSM	TS09_W_G_StandbyTime.test	-
		LTE	TS09_L_StandbyTime.test	-
	MOMR: Talk time Test	GSM	TS09_GSM_TalkTime_MO_MR.test	-
		W-CDMA	TS09_W_TalkTime_MO_MR.test	-
	MTNR: Talk time Test	GSM	TS09_GSM_TalkTime_MT_NR.test	-
		W-CDMA	TS09_W_TalkTime_MT_NR.test	-
	Packet Switch Transfer Test	GSM	TS09_GPRS_PacketSwitchedTransfer.test	DL 83.1k/UL 20.8k
		W-CDMA	TS09_W_PacketSwitchedTransfer.test	DL 7.2M/UL 5.76M
	Packet Switch Transfer Test (Download)	LTE	TS09_L_PacketSwitchedTransfer_FileDownload.test	DL 5.16M/UL 5.54M @10 MHz
	Packet Switch Transfer Test (Upload)	LTE	TS09_L_PacketSwitchedTransfer_FileUpload.test	DL 5.16M/UL 5.54M @10 MHz
	Packet Switch Transfer Test (Down/Upload)	LTE	TS09_L_PacketSwitchedTransfer_ParallerFileDIUI.test	DL 21.4M/UL 22.9M @10 MHz
	Browsing Test	W-CDMA	TS09_W_HTMLBrowsing.test	DL 7.2M/UL 5.76M
	Browsing Test (Full Web Browsers)	W-CDMA	TS09_W_HTMLBrowsing_Full.test	DL 7.2M/UL 5.76M
	Streaming Content Test (Video)	LTE	TS09_L_StreamingContent_Video.test	DL 5.16M/UL 5.54M @10 MHz
	Streaming Content Test (Audio)	LTE	TS09_L_StreamingContent_Audio.test	DL 5.16M/UL 5.54M @10 MHz
Video Telephony Test	W-CDMA	TS09_W_VideoTelephony.test	-	
FTP Download Test	W-CDMA	TS09_W_FTPDownload.test	DL 7.2M/UL 5.76M	
	GSM	TS09_GPRS_FTPDownload.test	DL 83.1k/UL 20.8	