Agilent N9080A LTE FDD Measurement Application Supported SEM preset mask files

Mask File Name	DI /III DW	All are operated in paired spectrum (FDD)	Ctd Dody	Document	Updated	Status	XA FW ver	
			3GPP		6/30/2009			
SEM BS 1 4MHz below1GHz CatA.mask		General operating bands < 1GHz, Category A, Wide Area BS		TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-1				
SEM_BS_1_4MHz_above1GHz_CatA.mask		General operating bands > 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-4	6/30/2009			
SEM_BS_1_4MHz_below1GHz_CatB.mask		General operating bands < 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-1	6/30/2009			Defended to the IIDseed To Chanderd action
SEM_BS_1_4MHz_above1GHz_CatB.mask		General operating bands > 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-4	6/30/2009	verilled	A.08.00	Referring to the "Preset To Standard" setting
SEM_BS_1_4MHz_CatB-2.mask		Regional operating bands (Bands 3, 8), Category B-2, Wide Area BS Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.2-3	0/40/0040	Name	A.08.00	(Not supported)
SEM_BS_1_4MHz_Local.mask			3GPP 3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-1	9/10/2010		A.08.00 A.08.00	
SEM BS 1 4MHz Home20P2.mask		Home BS, 20 dBm >= P >= 2dBm		TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-1	9/10/2010			
SEM BS 1 4MHz Home2P.mask		Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-1	9/10/2010		A.08.00	
SEM_BS_1_4MHz_Add_below1GHz.mask		Additional operating band < 1GHz (Band 5)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-1	6/30/2009			
SEM_BS_1_4MHz_Add_above1GHz.mask		Additional operating band > 1GHz (Bands 2, 4, 10, 35, 36)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-2	6/30/2009			
		Additional operating band (Bands 12, 13, 14, 17)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-3	6/30/2009			
SEM_MS_1_4MHz_E-UTRA.mask		General E-UTRA spectrum emission mask	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.1.5-1	9/10/2010			Referring to the "Preset To Standard" setting
SEM_MS_1_4MHz_Add_NS03.mask		Additional requirements (NS_03)	3GPP		6/30/2009			
SEM MS 1 4MHz Add NS04.mask		Additional requirements (NS 04)	3GPP		6/30/2009			
SEM MS 1 4MHz Add NS06-07.mask	UL, 1.4 MHz	Additional requirements (NS 06 or NS 07)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.3-1	6/30/2009	Verified	A.08.00	
SEM BS 3MHz below1GHz CatA.mask	DL, 3 MHz	General operating bands < 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-2	6/30/2009			
SEM_BS_3MHz_above1GHz_CatA.mask	DL, 3 MHz	General operating bands > 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-5	6/30/2009	Verified	A.08.00	
SEM_BS_3MHz_below1GHz_CatB.mask	DL, 3 MHz	General operating bands < 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-2	6/30/2009	Verified	A.08.00	
SEM BS 3MHz above1GHz CatB.mask	DL, 3 MHz	General operating bands > 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-5	6/30/2009	Verified	A.08.00	Referring to the "Preset To Standard" setting
SEM BS 3MHz CatB-2.mask	DL, 3 MHz	Regional operating bands (Bands 3, 8), Category B-2, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.2-2				(Not supported)
SEM_BS_3MHz_Local.mask	DL. 3 MHz	Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-2	9/10/2010	New	A.08.00	
SEM BS 3MHz Home20P2.mask	DL. 3 MHz	Home BS, 20 dBm >= P >= 2dBm	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-2	9/10/2010		A.08.00	
SEM BS 3MHz Home2P.mask		Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-2	9/10/2010		A.08.00	
SEM_BS_3MHz_Add_below1GHz.mask		Additional operating band < 1GHz (Band 5)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-1	6/30/2009			
SEM BS 3MHz Add above1GHz.mask		Additional operating band > 1GHz (Bands 2, 4, 10, 35, 36)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-2	6/30/2009			
SEM BS 3MHz AddB12 13 14 17.mask		Additional operating band (Bands 12, 13, 14, 17)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-3	6/30/2009			
SEM MS 3MHz E-UTRA.mask		General E-UTRA spectrum emission mask	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.1.5-1	6/30/2009			Referring to the "Preset To Standard" setting
SEM MS 3MHz Add NS03.mask		Additional requirements (NS 03)	3GPP		6/30/2009			Telefining to the Treat To Standard Setting
SEM MS 3MHz Add NS04.mask		Additional requirements (NS 04)	3GPP		6/30/2009			
		Additional requirements (NS 06 or NS 07)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.3-1				
SEM MS 3MHz Add NS06-07.mask	OL, S WII IZ	Additional requirements (NS 00 01 NS 07)	3011	1030.321-1 v.9.1.0 (2010-00) Table 0.0.2.2.3.3-1	0/30/2009	Verilleu	A.00.00	
SEM BS 5MHz below1GHz CatA.mask	DI 5 MHz	General operating bands < 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-3	6/30/2009	Verified	V 08 00	
		General operating bands < 1GHz, Category A, Wide Area BS General operating bands > 1GHz, Category A, Wide Area BS	3GPP		6/30/2009			
SEM_BS_5MHz_above1GHz_CatA.mask		General operating bands > 1GHz, Category A, Wide Area BS General operating bands < 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-6	6/30/2009			
SEM_BS_5MHz_below1GHz_CatB.mask			3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-3				Deferring to the "Dreset To Standard" cetting
SEM_BS_5MHz_above1GHz_CatB.mask		General operating bands > 1GHz, Category B-1, Wide Area BS Regional operating bands (Bands 3, 8), Category B-2, Wide Area BS		TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-6	6/30/2009 9/10/2010			Referring to the "Preset To Standard" setting
SEM_BS_5MHz_CatB-2.mask				TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.2-1			A.08.00	
SEM BS 5MHz Local.mask		Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-3	9/10/2010		A.08.00	
SEM BS 5MHz Home20P2.mask		Home BS, 20 dBm >= P >= 2dBm	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010		A.08.00	
SEM_BS_5MHz_Home2P.mask		Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010		A.08.00	
SEM_BS_5MHz_Add_below1GHz.mask		Additional operating band < 1GHz (Band 5)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-1	6/30/2009			
SEM_BS_5MHz_Add_above1GHz.mask		Additional operating band > 1GHz (Bands 2, 4, 10, 35, 36)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-2	6/30/2009			
SEM_BS_5MHz_AddB12_13_14_17.mask		Additional operating band (Bands 12, 13, 14, 17)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-3	6/30/2009			
SEM_MS_5MHz_E-UTRA.mask		General E-UTRA spectrum emission mask	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.1.5-1	6/30/2009			Referring to the "Preset To Standard" setting
SEM_MS_5MHz_Add_NS03.mask		Additional requirements (NS_03)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.1-1	6/30/2009			
SEM MS 5MHz Add NS04.mask		Additional requirements (NS 04)	3GPP		6/30/2009			
SEM_MS_5MHz_Add_NS06-07.mask	UL, 5 MHz	Additional requirements (NS_06 or NS_07)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.3-1	6/30/2009	Verified	A.08.00	
SEM_BS_10MHz_below1GHz_CatA.mask		General operating bands < 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-3	6/30/2009			
SEM_BS_10MHz_above1GHz_CatA.mask	DL, 10 MHz	General operating bands > 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-6	6/30/2009	Verified	A.08.00	
SEM BS 10MHz below1GHz CatB.mask	DL, 10 MHz	General operating bands < 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-3	6/30/2009	Verified	A.08.00	
SEM BS 10MHz above1GHz CatB.mask	DL, 10 MHz	General operating bands > 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-6	6/30/2009	Verified	A.08.00	Referring to the "Preset To Standard" setting
SEM_BS_10MHz_CatB-2.mask	DL, 10 MHz	Regional operating bands (Bands 3, 8), Category B-2, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.2-1	9/10/2010	New	A.08.00	
SEM BS 10MHz Local.mask		Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-3	9/10/2010		A.08.00	
SEM BS 10MHz Home20P2.mask	DL. 10 MHz	Home BS, 20 dBm >= P >= 2dBm	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010		A.08.00	
SEM_BS_10MHz_Home2P.mask		Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010		A.08.00	
SEM BS 10MHz Add below1GHz.mask		Additional operating band < 1GHz (Band 5)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-1	6/30/2009		A.08.00	
SEM BS 10MHz Add above1GHz.mask		Additional operating band < 16Hz (Band 3)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-1	6/30/2009			
SEM BS 10MHz AddB12 13 14 17.mask		Additional operating band (Bands 12, 13, 14, 17)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-3	6/30/2009			
SEM MS 10MHz E-UTRA.mask		General E-UTRA spectrum emission mask	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.3.5.5-3		Verified		Referring to the "Preset To Standard" setting
		Additional requirements (NS 03)	3GPP		6/30/2009			Incienting to the Freset To Standard Setting
SEM MS 10MHz Add NS03.mask			3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.1-1				
SEM MS 10MHz Add NS04.mask		Additional requirements (NS 04)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.2-1				
SEM_MS_10MHz_Add_NS06-07.mask	JUL, TU WITZ	Additional requirements (NS_06 or NS_07)	JUFF	1000.021-1 v.v.1.0 (2010-00) Table 0.0.2.2.5.3-1	0/30/2009	verilled	A.06.00	
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Mask File Name	DL/UL, BW All are operated in paired spectrum (FDD)		Document		Status XA FW ver	
SEM BS 15MHz below1GHz CatA.mask	DL, 15 MHz General operating bands < 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-3		Verified A.08.00	
SEM_BS_15MHz_above1GHz_CatA.mask	DL, 15 MHz General operating bands > 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-6		Verified A.08.00	
SEM_BS_15MHz_below1GHz_CatB.mask	DL, 15 MHz General operating bands < 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-3		Verified A.08.00	
SEM_BS_15MHz_above1GHz_CatB.mask	DL, 15 MHz General operating bands > 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-6		Verified A.08.00	Referring to the "Preset To Standard" setting
SEM_BS_15MHz_CatB-2.mask	DL, 15 MHz Regional operating bands (Bands 3, 8), Category B-2, Wide Area	BS 3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.2-1	9/10/2010		
SEM_BS_15MHz_Local.mask	DL, 15 MHz Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-3	9/10/2010	New A.08.00	
SEM BS 15MHz Home20P2.mask	DL, 15 MHz Home BS, 20 dBm >= P >= 2dBm	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010	New A.08.00	
SEM BS 15MHz Home2P.mask	DL, 15 MHz Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010	New A.08.00	
SEM_BS_15MHz_Add_below1GHz.mask	DL, 15 MHz Additional operating band < 1GHz (Band 5)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-1	6/30/2009	Verified A.08.00	
SEM BS 15MHz Add above1GHz.mask	DL, 15 MHz Additional operating band > 1GHz (Bands 2, 4, 10, 35, 36)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-2	6/30/2009	Verified A.08.00	
SEM BS 15MHz AddB12 13 14 17.mask	UL, 15 MHz Additional operating band (Bands 12, 13, 14, 17)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-3	6/30/2009	Verified A.08.00	
SEM MS 15MHz E-UTRA.mask	UL, 15 MHz General E-UTRA spectrum emission mask	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.1.5-1	6/30/2009	Verified A.08.00	Referring to the "Preset To Standard" setting
SEM MS 15MHz Add NS03.mask	UL, 15 MHz Additional requirements (NS 03)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.1-1	6/30/2009	Verified A.08.00	
SEM MS 15MHz Add NS04.mask	UL, 15 MHz Additional requirements (NS 04)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.2-1	6/30/2009	Verified A.08.00	
SEM BS 20MHz below1GHz CatA.mask	DL, 20 MHz General operating bands < 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-3	6/30/2009	Verified A.08.00	
SEM BS 20MHz above1GHz CatA.mask	DL, 20 MHz General operating bands > 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-6	6/30/2009	Verified A.08.00	
SEM BS 20MHz below1GHz CatB.mask	DL, 20 MHz General operating bands < 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-3	6/30/2009	Verified A.08.00	
SEM BS 20MHz above1GHz CatB.mask	DL, 20 MHz General operating bands > 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-6	6/30/2009	Verified A.08.00	Referring to the "Preset To Standard" setting
SEM BS 20MHz CatB-2.mask	DL, 20 MHz Regional operating bands (Bands 3, 8), Category B-2, Wide Area	BS 3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.2-1	9/10/2010	New A.08.00	
SEM BS 20MHz Local.mask	DL, 20 MHz Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-3	9/10/2010	New A.08.00	
SEM BS 20MHz Home20P2.mask	DL, 20 MHz Home BS, 20 dBm >= P >= 2dBm	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010	New A.08.00	
SEM BS 20MHz Home2P.mask	DL, 20 MHz Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-3	9/10/2010	New A.08.00	
SEM_BS_20MHz_Add_below1GHz.mask	DL, 20 MHz Additional operating band < 1GHz (Band 5)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-1	6/30/2009	Verified A.08.00	
SEM BS 20MHz Add above1GHz.mask	DL, 20 MHz Additional operating band > 1GHz (Bands 2, 4, 10, 35, 36)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-2	6/30/2009	Verified A.08.00	
	DL, 20 MHz Additional operating band (Bands 12, 13, 14, 17)	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.3-3	6/30/2009		
SEM MS 20MHz E-UTRA.mask	UL, 20 MHz General E-UTRA spectrum emission mask	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.1.5-1		Verified A.08.00	Referring to the "Preset To Standard" setting
SEM MS 20MHz Add NS03.mask	UL, 20 MHz Additional requirements (NS 03)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.1-1		Verified A.08.00	j i i i i i i i i i i i i i i i i i i i
SEM MS 20MHz Add NS04.mask	UL, 20 MHz Additional requirements (NS 04)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.2-1		Verified A.08.00	
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Updated on September 10th, 2010, by Moto Itagaki, Agilent Technologies, Inc.

	TS36.141 v.9.4.0 Table 6.6.3.5.1-1	TS36.141 v.9.4.0 Table 6.6.3.5.1-4	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-1	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-4	TS36.141 v.9.4.0 Table 6.6.3.5.2A-1	Table 6.6	
1.4 MHz SEM p.1 (BTS)	SEM_BS_1_4MHz_ below1GHz_CatA.mask	SEM_BS_1_4MHz_ above1GHz_CatA.mask	SEM_BS_1_4MHz_ below1GHz_CatB.mask	SEM_BS_1_4MHz_ above1GHz_CatB.mask	SEM_BS_1_4MHz_ Local.mask	SEM_BS_1_4MHz_ Home20P2.mask	SEM_BS_1_4MHz_ Home2P.mask
Mode > Mode Setup >	D 11						
Direction Meas >	Downlink Abo Dur Frog	Downlink	Downlink	Downlink Abs Pwr Freq	Downlink Abo Dur Frog	Downlink	Downlink Abo Bur Frog
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Average	Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector BW >	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
Filter Type Sweep /Control >	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Gate > Gate View							
Gate View Sweep Time Gate Delay							
Gate Length Gate Source							
Period Offset							
Sync Source Trigger Level							
Trig Slope Sync Holdoff Control							
Gate Holdoff Gate Delay Compen							
Meas Setup > Avg/Hold Num				Off, 10 (*)			
Meas Type Method	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Integ BW Span	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz
Sweep Time Res BW Video BW	Auto (13 kHz) Auto	Auto (13 kHz)	Auto (13 kHz) Auto	Auto (*) Auto (13 kHz) Auto	Auto (13 kHz) Auto	Auto (13 kHz)	Auto (13 kHz) Auto
VIDEO BW VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	50 kHz, On 1.450 MHz	50 kHz, On 1.450 MHz	50 kHz, On 1.450 MHz	50 kHz, On 1.450 MHz	50 kHz, On 1.450 MHz	50 kHz, On 1.450 MHz	50 kHz, On 1.450 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW
Video BW VBW/RBW Limits > Abs Start	Auto Man, 0.02 +0.50 dBm	Man, 0.02 +0.50 dBm	Man, 0.02 +0.50 dBm	Man, 0.02 +0.50 dBm	Man, 0.02 -19.50 dBm	Auto Man, 0.02 -28.50 dBm	Man, 0.02 -28.50 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	-9.50 dBm	-9.50 dBm	-9.50 dBm	-9.50 dBm	-29.50 dBm	-34.50 dBm	-34.50 dBm
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.45 MHz, On	1.45 MHz, On	1.45 MHz, On	1.45 MHz, On	1.45 MHz, On	1.45 MHz, On	1.45 MHz, On
Stop Freq Sweep Time	2.85 MHz	2.85 MHz	2.85 MHz	2.85 MHz Auto (*)	2.85 MHz	2.85 MHz	2.85 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start Limits > Abs Stop	Man, 0.01 -9.50 dBm Auto	Man, 0.01 -9.50 dBm Auto	Man, 0.01 -9.50 dBm Auto	Man, 0.01 -9.50 dBm Auto	Man, 0.01 -29.50 dBm Auto	Man, 0.01 -34.50 dBm Auto	Man, 0.01 -34.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	2.85 MHz, On 15.00 MHz	3.30 MHz, On 15.00 MHz	2.85 MHz, On 15.00 MHz	3.30 MHz, On 15.00 MHz	2.85 MHz, On 15.00 MHz	3.30 MHz, On 15.00 MHz	3.30 MHz, On 15.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both Add a	Both
Res BW Meas BW Video BW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW Auto	Man, 100kHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto	Man, 100kHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto
VBW/RBW Limits > Abs Start	Auto Man, 0.01 -13.0 dBm	Man, 0.01 -13.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -31.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit D > Start Freq	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off
Stop Freq Sweep Time Offset Side	30.00 MHz Both	30.00 MHz Both	30.00 MHz Both	30.00 MHz Auto (*) Both	30.00 MHz Both	30.00 MHz Both	30.00 MHz Both
Res BW Meas BW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm Auto	-16.0 dBm Auto	Man, 0.01 -15.0 dBm Auto	-31.0 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute
Start Freq Stop Freq Sween Time	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz Auto (*)	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz
Sweep Time Offset Side Res BW	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -31.0 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit F > Start Freq Stop Freq	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz
Stop Freq Sweep Time Offset Side	Both	50.00 MHz Both	Both	Auto (*)	50.00 MHz Both	Both	Both
Res BW Meas BW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm Auto	-16.0 dBm Auto	-15.0 dBm Auto	-31.0 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute

	TS36.141 v.9.4.0 Table 6.6.3.5.3-1	TS36.141 v.9.4.0 Table 6.6.3.5.3-2	TS36.141 v.9.4.0 Table 6.6.3.5.3-3
1.4 MHz SEM p.2 (BTS)	SEM_BS_1_4MHz_ Add_below1GHz.mask	SEM_BS_1_4MHz_ Add_above1GHz.mask	SEM_BS_1_4MHz_ AddB12_13_14_17.mas
Mode > Mode Setup >	Downlin!:	Downlin!:	Downlin!:
Direction Meas >	Downlink	Downlink	Downlink
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW > Filter Type Sweep /Control >	Auto Sense	Auto Sense	Auto Sense
Gate >			
Gate View Sweep Time			
Gate Delay Gate Length			
Gate Source Period			
Offset Sync Source			
Trigger Level Trig Slope			
Sync Holdoff Control			
Gate Holdoff Gate Delay Compen			
Meas Setup > Avg/Hold Num			
Meas Type Method	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22
Integ BW Span	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz	1.095 MHz 1.4 MHz
Sweep Time Res BW	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)
Video BW VBW/RBW	Auto Auto	Auto Auto	Auto Auto
Power Ref Offset/Limits > Freq Define	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center
Offset/Limit A > Start Freq	5 kHz, On	5 kHz, On	15 kHz, On
Stop Freq Sweep Time	995 kHz	995 kHz	85 kHz
Offset Side Res BW	Both Man, 10 kHz	Both Man, 10 kHz	Both Man, 15 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	2x ResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -14.00 dBm	Man, 0.01 -14.00 dBm	Man, 0.02 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto	Auto
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.05 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	10.00 MHz	10.00 MHz	5.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 51 kHz
Meas BW Video BW	1 xResBW	1 xResBW	2 xResBW
VBW/RBW	Auto Man, 0.01	Man, 0.01	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute
Start Freq Stop Freq	10.00 MHz, Off 15.00 MHz	15.00 MHz	5.00 MHz, Off 15.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute
Start Freq Stop Freq	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Start	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Rel Stop	Absolute	Absolute	Absolute
Limits > Rel Stop Limits > Fail Mask Offset/Limit F >		40.00 MHz, Off	40.00 MHz, Off 50.00 MHz
Limits > Rel Stop Limits > Fail Mask	40.00 MHz, Off 50.00 MHz	50.00 MHz	
Limits > Rel Stop Limits > Fail Mask Offset/Limit F > Start Freq Stop Freq Sweep Time Offset Side	50.00 MHz		
Limits > Rel Stop Limits > Fail Mask OffsevLimit F > Start Freq Stop Freq Sweep Time Offset Side Res BW	50.00 MHz Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 100 kHz
Limits > Rei Stop Limits > Fail Mask Offset/Limit F > Start Freq Stop Freq Sweep Time Offset Side Res BW Meas BW Video BW	50.00 MHz Both Man, 100 kHz 1 xResBW	Both Man, 1 MHz 1 xResBW Auto Man, 0.01	Both Man, 100 kHz 1 xResBW
Limits > Rel Stop Limits > Fail Mask Offset/Limit F > Start Freq Stop Freq Sweep Time Offset Side Res BW Meas BW Video BW VBW/RBW Limits > Abs Start	50.00 MHz Both Man, 100 kHz 1 xResBW Auto Man, 0.01 -13.00 dBm	Both Man, 1 MHz 1 xResBW Auto Man, 0.01 -13.00 dBm	Both Man, 100 kHz 1 xResBW Auto Man, 0.01 -13.00 dBm
Limits > Rel Stop Limits > Fail Mask Offset/Limit F > Start Freq Stop Freq Sweep Time Offset Side Res BW Meas BW Video BW VBW/RBW	50.00 MHz Both Man, 100 kHz 1 xResBW Auto Man, 0.01	Both Man, 1 MHz 1 xResBW Auto Man, 0.01	Both Man, 100 kHz 1 xResBW Auto Man, 0.01

	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0
1.4 MHz SEM p.3 (MS)	Table 6.6.2.1.5-1 SEM_MS_1_4MHz_	Table 6.6.2.2.5.1-1 SEM_MS_1_4MHz_	Table 6.6.2.2.5.2-1 SEM_MS_1_4MHz_	Table 6.6.2.2.5.3-1 SEM_MS_1_4MHz_
Mode >	E-UTRA.mask	Add_NS03.mask	Add_NS04.mask	Add_NS06-07.mask
Mode Setup > Direction	Uplink	Uplink	Uplink	Uplink
Meas >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	
View/Display > Trace/Detector >	Average	Average	Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW > Filter Type	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Sweep /Control > Gate >				
Gate View Gate View Sweep Time				
Gate Delay Gate Length				
Gate Source				
Period Offset				
Sync Source Trigger Level				
Trig Slope Sync Holdoff				
Control Gate Holdoff				
Gate Delay Compen Meas Setup >				
Avg/Hold Num	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Meas Type Method	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22	0.22
Integ BW Span	1.080 MHz 1.4 MHz	1.080 MHz 1.4 MHz	1.080 MHz 1.4 MHz	1.080 MHz 1.4 MHz
Sweep Time Res BW	Auto (*) Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)
Video BW VBW/RBW	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Power Ref Offset/Limits > Freq Define	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center
Offset/Limit A >		15.00 kHz		
Start Freq Stop Freq	15.00 kHz 985.0 kHz	985.0 kHz	15.00 kHz 985.0 kHz	15.00 kHz 85.0 kHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-8.50 dBm Auto	-8.50 dBm Auto	-8.50 dBm Auto	-11.50 dBm
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	2.00 MHz Auto (*)	2.00 MHz	2.00 MHz	950 kHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start Limits > Abs Stop	-8.50 dBm Auto	-11.50 dBm Auto	-11.50 dBm Auto	-11.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	3.00 MHz, On 3.00 MHz	3.00 MHz, On 4.50 MHz	3.00 MHz, On 4.50 MHz	1.50 MHz, On 2.00 MHz
Sweep Time Offset Side	Auto (*) Both	Both		
Res BW	Man, 1 MHz	Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -11.50 dBm
Limits > Abs Stop	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit D > Start Freq	3.30 MHz. Off	5.00 MHz, Off	5.00 MHz, Off	3.00 MHz, On
Stop Freq	4.50 MHz	10.00 MHz, Off	10.00 MHz, Off	3.00 MHz, On 4.50 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-25.00 dBm Auto	-23.50 dBm Auto	-23.50 dBm Auto	-23.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
Offset/Limit E > Start Freq	5.00 MHz, Off	10.00 MHz, Off	10.00 MHz, Off	5.00 MHz, Off
Stop Freq Sweep Time	20.00 MHz Auto (*)	20.00 MHz	20.00 MHz	20.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -25.00 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	20.00 MHz, Off 40.00 MHz	20.00 MHz, Off 40.00 MHz	20.00 MHz, Off 40.00 MHz	20.00 MHz, Off 40.00 MHz
Sweep Time Offset Side	Auto (*)	Both	Both	Both
Res BW	Both Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -25.00 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Start				
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute

	TS36.141 v.9.4.0 Table 6.6.3.5.1-2	TS36.141 v.9.4.0 Table 6.6.3.5.1-5	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-2	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-5	TS36.141 v.9.4.0 Table 6.6.3.5.2A-2		11 v.9.4.0 6.3.5.2X-2
3 MHz SEM p.1 (BTS)	SEM_BS_3MHz_ below1GHz_CatA.mask	SEM_BS_3MHz_ above1GHz_CatA.mask	SEM_BS_3MHz_ below1GHz_CatB.mask	SEM_BS_3MHz_ above1GHz_CatB.mask	SEM_BS_3MHz_ Local.mask	SEM_BS_3MHz_ Home20P2.mask	SEM_BS_3MHz_ Home2P.mask
Mode > Mode Setup >							
Direction Meas >	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector BW >	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
Filter Type Sweep /Control >	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Gate > Gate View							
Gate View Sweep Time Gate Delay							
Gate Length Gate Source							
Period Offset							
Sync Source Trigger Level							
Trig Slope Sync Holdoff							
Control Gate Holdoff Gate Delay Compen							
Meas Setup > Avg/Hold Num				Off, 10 (*)			
Meas Type Method	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22	0.22	0.22	0.22	0.22
Integ BW Span	2.715 MHz 3 MHz	2.715 MHz 3 MHz	2.715 MHz 3 MHz	2.715 MHz 3 MHz	2.715 MHz 3 MHz	2.715 MHz 3 MHz	2.715 MHz 3 MHz
Sweep Time Res BW	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (*) Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)
Video BW VBW/RBW	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Power Ref Offset/Limits > Freq Define	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center
Offset/Limit A > Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On
Stop Freq Sweep Time	3.050 MHz	3.050 MHz	3.050 MHz	3.050 MHz Auto (*)	3.050 MHz	3.050 MHz	3.050 MHz
Offset Side Res BW Meas BW	Both Man, 51 kHz 2 xResBW	Both Man, 51 kHz 2 xResBW	Both Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Both Man, 51 kHz 2 xResBW	Both Man, 51 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-3.50 dBm -13.50 dBm	-3.50 dBm -13.50 dBm	-3.50 dBm -13.50 dBm	-3.50 dBm -13.50 dBm	-23.50 dBm -33.50 dBm	-32.50 dBm -38.50 dBm	-32.50 dBm -38.50 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit B >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	3.05 MHz, On 6.05 MHz	3.05 MHz, On 6.05 MHz	3.05 MHz, On 6.05 MHz	3.05 MHz, On 6.05 MHz	3.05 MHz, On 6.05 MHz	3.05 MHz, On 6.05 MHz	3.05 MHz, On 6.05 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01 -13.50 dBm	Auto Man, 0.01	Auto Man, 0.01	Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	-13.50 dBm Auto 0 dB	-13.50 dBm Auto 0 dB	-13.50 dBm Auto	-33.50 dBm Auto 0 dB	-38.50 dBm Auto 0 dB	-38.50 dBm Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq	6.05 MHz, On	6.50 MHz, On	6.05 MHz, On	6.50 MHz, On	6.05 MHz, On	6.50 MHz, On	6.50 MHz, On
Stop Freq Sweep Time	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz Auto (*)	15.00 MHz	15.00 MHz	15.00 MHz
Offset Side Res BW	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -13.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -35.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start Limits > Rel Stop	O dB Auto	Auto 0 dB Auto	Auto 0 dB Auto	Auto 0 dB Auto	Auto 0 dB Auto	-52.00 dB Auto	Auto -52.00 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01 -15.0 dBm	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm Auto	-16.0 dBm Auto	-15.0 dBm Auto 0 dB	-35.00 dBm Auto	-50.0 dBm Auto -52.00 dB	-50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	0 dB Auto Absolute	0 dB Auto Absolute	O dB Auto Absolute	Auto Absolute	0 dB Auto Absolute	Auto Relative	-52.00 dB Auto Absolute
Offset/Limit E > Start Freq	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq Sweep Time	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz Auto (*)	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -35.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	-52.00 dB	Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit F > Start Freq Stop Freq	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off
Stop Freq Sweep Time Offset Side	50.00 MHz Both	50.00 MHz Both	50.00 MHz Both	50.00 MHz Auto (*)	50.00 MHz Both	50.00 MHz Both	50.00 MHz Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man. 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm Auto	-16.0 dBm Auto	-15.0 dBm	-35.00 dBm Auto	-50.0 dBm	-50.0 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute (*) When pressing	Absolute	Relative	Absolute
	<u> </u>			"Meas Preset" key.			

	TS36.141 v.9.4.0 Table 6.6.3.5.3-1	TS36.141 v.9.4.0 Table 6.6.3.5.3-2	TS36.141 v.9.4.0 Table 6.6.3.5.3-3
3 MHz SEM p.2 (BTS)	SEM_BS_3MHz_ Add_below1GHz.mask	SEM_BS_3MHz_ Add above1GHz.mask	SEM_BS_3MHz_ AddB12 13 14 17.mas
Mode > Mode Setup >	Add_below1GHz.mask	Add_above1GHz.mask	AddB12_13_14_17.ma
Direction Meas >	Downlink	Downlink	Downlink
/iew/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Chan Detector	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)
Filter Type Sweep /Control >	Auto Sense	Auto Sense	Auto Sense
Gate > Gate View			
Gate View Sweep Time Gate Delay			
Gate Length Gate Source			
Period Offset			
Sync Source Trigger Level			
Trig Slope Sync Holdoff			
Control Gate Holdoff			
Gate Delay Compen Meas Setup >			
Avg/Hold Num Meas Type	Total Power Ref	Total Power Ref	Total Power Ref
Method Filter Alpha	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	2.715 MHz	2.715 MHz	2.715 MHz
Span Sweep Time	3 MHz	3 MHz	3 MHz
Res BW Video BW	Auto (27 kHz) Auto	Auto (27 kHz)	Auto (27 kHz)
VBW/RBW Power Ref	Auto Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center
Start Freq	15 kHz, On	15 kHz, On	15 kHz, On
Stop Freq Sweep Time Offset Side	985 kHz	985 kHz	85 kHz
Res BW	Both Man, 15 kHz	Man, 15 kHz	Both Man, 15 kHz
Meas BW Video BW	2 xResBW Auto	2 xResBW Auto	2x ResBW Auto
VBW/RBW Limits > Abs Start Limits > Abs Stop	Man, 0.02 -13.00 dBm	Man, 0.02 -13.00 dBm	Man, 0.02 -13.00 dBm
Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.05 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	10.00 MHz	10.00 MHz	5.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 51 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	2 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.02 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto Absolute	Auto Absolute	Auto Absolute
Limits > Fail Mask Offset/Limit C > Start Freq	10.00 MHz, Off	10.00 MHz, Off	5.00 MHz. Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz	15.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	1 xResBW
VBW/RBW	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Start Limits > Abs Stop	Auto	Auto	Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto Absolute	0 dB Auto Absolute	0 dB Auto
Limits > Fail Mask Offset/Limit D >			Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute
Start Freq Stop Freq	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz
Sweep Time Offset Side	Roth	Both	Roth
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm	-13.00 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Rei Stop Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute
Start Freq	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off
Stop Freq Sweep Time	50.00 MHz	50.00 MHz	50.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz 1 xResBW	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	Auto	Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop	Auto	Auto 0 dB	Auto 0 dB
Limits > Rel Start	0 dB		
	Auto Absolute	Auto Absolute	Auto Absolute

	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0
3 MHz SEM p.3 (MS)	Table 6.6.2.1.5-1 SEM_MS_3MHz_	Table 6.6.2.2.5.1-1 SEM_MS_3MHz_	SEM_MS_3MHz_	Table 6.6.2.2.5.3-1 SEM_MS_3MHz_
Mode >	E-UTRA.mask	Add_NS03.mask	Add_NS04.mask	Add_NS06-07.mask
Mode Setup > Direction	Uplink	Uplink	Uplink	Uplink
Meas > View/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Trace/Detector >	Average	Average	Average	Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW > Filter Type	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Sweep /Control > Gate >				
Gate View Gate View Sweep Time				
Gate Delay Gate Length				
Gate Source				
Period Offset				
Sync Source Trigger Level				
Trig Slope Sync Holdoff				
Control Gate Holdoff				
Gate Delay Compen Meas Setup >				
Avg/Hold Num Meas Type	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22	0.22
Integ BW Span	2.700 MHz 3 MHz	2.700 MHz 3 MHz	2.700 MHz 3 MHz	2.700 MHz 3 MHz
Sweep Time Res BW	Auto (*) Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)
Video BW VBW/RBW	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Power Ref Offset/Limits > Freq Define	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center
Offset/Limit A >		15.00 kHz		
Start Freq Stop Freq	15.00 kHz 985.0 kHz	985.0 kHz	15.00 kHz 985.0 kHz	15.00 kHz 85.0 kHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-11.50 dBm Auto	-11.50 dBm Auto	-11.50 dBm Auto	-11.50 dBm Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	4.50 MHz Auto (*)	4.50 MHz	4.50 MHz	950 kHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -8.50 dBm	Man, 0.01 -11.50 dBm	Man, 0.01 -11.50 dBm	Man, 0.01 -11.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	5.50 MHz, On 5.50 MHz	5.50 MHz, On 5.50 MHz	5.50 MHz, On 5.50 MHz	1.50 MHz, On 4.50 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-23.50 dBm Auto	-23.50 dBm Auto	-23.50 dBm	-11.50 dBm
Limits > Rel Start Limits > Rel Stop	0 dB	0 dB	Auto 0 dB	0 dB
Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit D > Start Freq	6.00 MHz, Off	6.00 MHz, Off	6.00 MHz, Off	5.50 MHz, On
Stop Freq Sweep Time	10.00 MHz Auto (*)	10.00 MHz	10.00 MHz	5.50 MHz
Offset Side Res BW	Both	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	Man, 1 MHz 1 xResBW Auto	1 xResBW Auto	Man, 1 MHz 1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23,50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto	Auto 0 dB	Auto 0 dB	Auto
Limits > Rel Stop	0 dB Auto	Auto	Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	10.00 MHz, Off 20.00 MHz	10.00 MHz, Off 20.00 MHz	10.00 MHz, Off 20.00 MHz	6.00 MHz, Off 20.00 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto	Auto Man, 0.01	Auto	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	Man, 0.01 -23.50 dBm	-23.50 dBm	Man, 0.01 -23.50 dBm Auto	-23.50 dBm
Limits > Rel Start	Auto 0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit F > Start Freq	20.00 MHz, Off	20.00 MHz, Off	20.00 MHz, Off	20.00 MHz, Off
Stop Freq Sweep Time	40.00 MHz Auto (*)	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	1 xResBW	1 xResBW
VIdeo BW VBW/RBW Limits > Abs Start	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
LIMITS > ADS STATE	-23.50 dBm	-23.50 dBm Auto	-23.50 dBm Auto	-23.50 dBm Auto
Limits > Abs Stop	Auto			a 100
Limits > Abs Stop Limits > Rel Start Limits > Rel Stop Limits > Rel Stop Limits > Fail Mask	0 dB Auto	0 dB Auto Absolute	0 dB Auto Absolute	0 dB Auto Absolute

	TS36.141 v.9.4.0 Table 6.6.3.5.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.2-1	TS36.141 v.9.4.0 Table 6.6.3.5.2A-3		41 v.9.4.0 6.3.5.2X-3
5 MHz SEM p.1 (BTS)	SEM_BS_5MHz_ below1GHz_CatA.mask	SEM_BS_5MHz_	SEM_BS_5MHz_ below1GHz_CatB.mask	SEM_BS_5MHz_	SEM_BS_5MHz_	SEM_BS_5MHz_ Local.mask	SEM_BS_5MHz_ Home20P2.mask	SEM_BS_5MHz_ Home2P.mask
Mode > Mode Setup >	FDD only		FDD only		FDD only			
Direction Meas >	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
/iew/Display > Frace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector BW >	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
Filter Type Sweep /Control >	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Gate > Gate View								
Gate View Sweep Time Gate Delay								
Gate Length Gate Source								
Period Offset Sync Source								
Trigger Level Trig Slope								
Sync Holdoff Control								
Gate Holdoff Gate Delay Compen Meas Setup >								
Avg/Hold Num Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method Filter Alpha	Integ BW 0.22	Integ BW	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz
Span Sweep Time	5MHz	5MHz	5MHz	5MHz Auto (*)	5MHz	5MHz	5MHz	5MHz
Res BW Video BW VBW/RBW	Auto (47 kHz) Auto Auto	Auto (47 kHz) Auto Auto	Auto (47 kHz) Auto Auto	Auto (47 kHz) Auto Auto	Auto (47 kHz) Auto Auto	Auto (47 kHz) Auto Auto	Auto (47 kHz) Auto Auto	Auto (47 kHz) Auto Auto
Power Ref Offset/Limits > Freq Define	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center
Offset/Limit A > Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	15 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On
Stop Freq Sweep Time	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz Auto (*)	215 kHz	5.050 MHz	5.050 MHz	5.050 MHz
Offset Side Res BW	Both Man, 51 kHz	Man, 51 kHz	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 15 kHz	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 51 kHz
Meas BW Video BW VBW/RBW	2 xResBW Auto Man, 0.02	2 xResBW Auto Man, 0.02	2 xResBW Auto Man, 0.02	2 xResBW Auto Man, 0.02	2 xResBW Auto Man, 0.02	2 xResBW Auto Man, 0.02	2 xResBW Auto Man, 0.02	2 xResBW Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-12.50 dBm	-28.50 dBm -35.50 dBm	-34.50 dBm -40.50 dBm	-34.50 dBm -40.50 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit B >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	215 kHz, On 1.015 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz
Sweep Time Offset Side Res BW	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Auto (*) Both Man, 100 kHz	Both Man, 30 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
VBW/RBW Limits > Abs Start	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -35.50 dBm	Man, 0.01 -40.50 dBm	Man, 0.01 -40.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	-24.50 dBm 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask Offset/Limit C >	Auto Absolute	Auto Absolute	Auto Absolute	Absolute Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Start Freq Stop Freq	10.05 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	10.05 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	1.015 MHz, On 1.50 MHz	10.05 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both	Both
Res BW Meas BW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 30 kHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW Limits > Abs Start	Auto Man, 0.01 -13.0 dBm	Man, 0.01	Auto Man, 0.01	Auto Man, 0.01 -15.0 dBm	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	-13.0 dBm Auto 0 dB	-16.0 dBm Auto 0 dB	Auto 0 dB	-24.50 dBm Auto 0 dB	-37.00 dBm Auto 0 dB	Auto -52.00 dB	-50.0 dBm Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit D > Start Freq	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	1.50 MHz, On	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off
Stop Freq Sweep Time	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz Auto (*)	10.50 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Offset Side Res BW Meas BW	Both Man, 100kHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Both Man, 100kHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Both Man, 100kHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Both Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-13.0 dBm Auto	-16.0 dBm Auto	-15.0 dBm Auto	-11.50 dBm Auto	-37.00 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	O dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask Offset/Limit E > Start Freq	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off	Absolute 10.50 MHz, On	Absolute 30.00 MHz, Off	Relative 30.00 MHz, Off	Absolute 30.00 MHz, Off
Stop Freq Sweep Time	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz Auto (*)	15.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto Man, 0.01	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start Limits > Abs Stop	Man, 0.01 -13.0 dBm Auto	-13.0 dBm	Man, 0.01 -16.0 dBm Auto	Man, 0.01 -15.0 dBm Auto	Man, 0.01 -15.00 dBm Auto	Man, 0.01 -37.00 dBm Auto	Man, 0.01 -50.0 dBm Auto	Man, 0.01 -50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute
Start Freq Stop Freq	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	15.00 MHz, Off 30.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz
Sweep Time Offset Side Res BW	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 100kHz	Auto (*) Both Man 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	1 xResBW	Man, 1 MHz 1 xResBW Auto	1 xResBW	1 xResBW	1 xResBW	1 xResBW
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -13.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
				(*) When pressing "Meas Preset" key.				

	TS36.141 v.9.4.0 Table 6.6.3.5.3-1	TS36.141 v.9.4.0 Table 6.6.3.5.3-2	TS36.141 v.9.4.0 Table 6.6.3.5.3-3
5 MHz SEM p.2 (BTS)	SEM_BS_5MHz_ Add_below1GHz.mask	SEM_BS_5MHz_ Add_above1GHz.mask	SEM_BS_5MHz_ AddB12_13_14_17.mas
Mode > Mode Setup >	FDD only		FDD only
Direction Meas >	Downlink	Downlink	Downlink
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW >	Auto Sense	Auto Sense	Auto Sense
Filter Type Sweep /Control > Gate >			
Gate View Gate View Sweep Time			
Gate Delay Gate Length			
Gate Source Period			
Offset Sync Source			
Trigger Level Trig Slope			
Sync Holdoff Control			
Gate Holdoff Gate Delay Compen			
Meas Setup > Avg/Hold Num			
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref
Method Filter Alpha	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	4.515 MHz	4.515 MHz	4.515 MHz
Span Sweep Time	5MHz	5MHz	5MHz
Res BW Video BW	Auto (47 kHz) Auto	Auto (47 kHz) Auto	Auto (47 kHz) Auto
VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	15 kHz, On 985 kHz	15 kHz, On 985 kHz	15 kHz, On 85 kHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2x ResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-15.00 dBm	-15.00 dBm	-13.00 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask	Absolute	Absolute	Absolute
Offset/Limit B > Start Freq	1.05 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	10.00 MHz	10.00 MHz	5.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 51 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	2 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.02 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto Absolute	Auto Absolute	Auto Absolute
Limits > Fail Mask Offset/Limit C > Start Freq	10.00 MHz, Off	10.00 MHz. Off	5.00 MHz, Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz	15.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute
Start Freq Stop Freq	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz
Sweep Time Offset Side	Roth	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm	-13.00 dBm
Limits > Rel Start	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Rel Stop Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute
Start Freq	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off
Stop Freq Sweep Time	50.00 MHz	50.00 MHz	50.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	1 xResBW
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto Absolute	Auto Absolute	Auto Absolute
Limits > Fail Mask			

	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0	TS36.521-1 v.9.1.0
5 MHz SEM n 3 (MS)	Table 6.6.2.1.5-1 SEM_MS_5MHz_	Table 6.6.2.2.5.1-1 SEM_MS_5MHz_	Table 6.6.2.2.5.2-1 SEM_MS_5MHz_	Table 6.6.2.2.5.3-1 SEM_MS_5MHz_
5 MHz SEM p.3 (MS) Mode >	E-UTRA.mask	Add_NS03.mask	Add_NS04.mask	Add_NS06-07.mask
Mode Setup >	I I=C=I	I latial.	I I = I = I	I I a Cal
Direction Meas >	Uplink	Uplink	Uplink	Uplink
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW >				
Filter Type Sweep /Control >	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Gate > Gate View				
Gate View Sweep Time Gate Delay				
Gate Length				
Gate Source Period				
Offset Sync Source				
Trigger Level Trig Slope				
Sync Holdoff				
Control Gate Holdoff				
Gate Delay Compen Meas Setup >				
Avg/Hold Num	Off, 10 (*)	T D. (T	T
Meas Type Method	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22	0.22
Integ BW Span	4.500 MHz	4.500 MHz 5MHz	4.500 MHz	4.500 MHz
Sweep Time	5MHz Auto (*)		5MHz	5MHz
Res BW Video BW	Auto (47 kHz) Auto	Auto (47 kHz) Auto	Auto (47 kHz) Auto	Auto (47 kHz) Auto
VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Offset/Limit A > Start Freq	15.00 kHz	15.00 kHz	15.00 kHz	15.00 kHz
Stop Freq Sweep Time	985.0 kHz Auto (*)	985.0 kHz	985.0 kHz	85.0 kHz
Offset Side Res BW	Both	Both Map 15 kHz	Both	Both
Meas BW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-13.50 dBm Auto	-13.50 dBm Auto	-13.50 dBm Auto	-13.50 dBm Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	4.50 MHz Auto (*)	5.50 MHz	4.50 MHz	950 kHz
Offset Side	Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start	-8.50 dBm	-11.50 dBm	-11.50 dBm	-11.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq	5.50 MHz, On	6.50 MHz. On	5.50 MHz, On	1.50 MHz, On
Stop Freq	5.50 MHz	9.50 MHz	9.50 MHz	5.50 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -11.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -11.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit D >				
Start Freq Stop Freq	6.50 MHz, ON 9.50 MHz	10.00 MHz, Off 20.00 MHz	10.00 MHz, Off 20.00 MHz	6.50 MHz, On 9.50 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Limits > Fail Mask Offset/Limit E >				
Start Freq Stop Freq	10.00 MHz, Off 20.00 MHz	20.00 MHz, Off 30.00 MHz	20.00 MHz, Off 30.00 MHz	6.00 MHz, Off 20.00 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	20.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	20.00 MHz, Off 40.00 MHz
Sweep Time	Auto (*)			
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
	Man, 0.01	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01
VBW/RBW			L ZUJUU UDIII	-23.50 dBm
Limits > Abs Start Limits > Abs Stop	-23.50 dBm Auto	Auto	Auto	Auto
Limits > Abs Start	Auto O dB Auto	Auto O dB Auto		Auto 0 dB Auto

	TS36.141 v.9.4.0 Table 6.6.3.5.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.2-1	TS36.141 v.9.4.0 Table 6.6.3.5.2A-3		41 v.9.4.0 6.3.5.2X-3
10 MHz SEM p.1 (BTS)	SEM_BS_10MHz_ below1GHz_CatA.mask	SEM_BS_10MHz_	SEM_BS_10MHz_ below1GHz_CatB.mask	SEM_BS_10MHz_	SEM_BS_10MHz_	SEM_BS_10MHz_ Local.mask	SEM_BS_10MHz_ Home20P2.mask	SEM_BS_10MHz_ Home2P.mask
Mode Setup > Direction	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
/leas > /iew/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
race/Detector > Chan Detector	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)
Filter Type Sweep /Control > Gate >	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Gate View Gate View Sweep Time								
Gate Delay Gate Length								
Gate Source Period								
Offset Sync Source								
Trigger Level Trig Slope								
Sync Holdoff Control Gate Holdoff								
Gate Delay Compen eas Setup >								
Avg/Hold Num Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method Filter Alpha	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Inteq BW 0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz
Span Sweep Time	10 MHz	10 MHz	10 MHz	10 MHz Auto (*)	10 MHz	10 MHz	10 MHz	10 MHz
Res BW Video BW	Auto (91 kHz) Auto	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)
VBW/RBW Power Ref Offset/Limits > Freq Define	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Auto Edge to Center
Offset/Limit A > Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	15 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On
Stop Freq Sweep Time	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz Auto (*)	215 kHz	5.050 MHz	5.050 MHz	5.050 MHz
Offset Side Res BW	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 15 kHz	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 51 kHz
Meas BW Video BW	2 xResBW Auto	2 xResBW Auto	2 xResBW Auto	2 xResBW Auto	2 xResBW Auto	2 xResBW Auto	2 xResBW Auto	2 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.02 -5.50 dBm	Man, 0.02 -5.50 dBm	Man, 0.02 -5.50 dBm	Man, 0.02 -5.50 dBm	Man, 0.02 -12.5 dBm	Man, 0.02 -28.50 dBm	Man, 0.02 -34.50 dBm	Man, 0.02 -34.50 dBm
Limits > Abs Stop Limits > Rel Start	-12.50 dBm 0 dB	-12.50 dBm	-12.50 dBm	-12.50 dBm 0 dB	Auto 0 dB	-35.50 dBm	-40.50 dBm	-40.50 dBm
Limits > Rel Stop Limits > Fail Mask Offset/Limit B >	Auto Absolute	Auto Absolute	Auto Absolute	Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Start Freq Stop Freq	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	215 kHz, On 1.015 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*)	Both	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 30 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-12.50 dBm Auto	-12.50 dBm Auto	-12.50 dBm Auto	-12.50 dBm Auto	-12.50 dBm -24.50 dBm	-35.50 dBm Auto	-40.50 dBm Auto	-40.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	O dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C > Start Freq	Absolute 10.05 MHz. On	Absolute 10.50 MHz, On	Absolute 10.05 MHz, On	Absolute 10.50 MHz, On	Absolute 1.015 MHz, On	Absolute 10.05 MHz, On	Absolute 10.50 MHz, On	Absolute 10.50 MHz, On
Stop Freq Sweep Time	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz Auto (*)	1.50 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Offset Side Res BW	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 30 kHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -13.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -24.50 dBm	Man, 0.01 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start	O dB	Auto 0 dB	Auto 0 dB	O dB	Auto O dB	Auto 0 dB	-52.00 dB	-52.00 dB
Limits > Rel Stop Limits > Fail Mask Offset/Limit D >	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	1.50 MHz, On 10.50 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Auto Man, 0.01 -15.0 dBm	Auto Man, 0.01 -16.0 dBm	Auto Man, 0.01 -15.0 dBm	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto O dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	-11.50 dBm Auto 0 dB	-37.00 dBm Auto 0 dB	-50.0 dBm Auto -52.00 dB	-50.0 dBm Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit E > Start Freq	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	10.50 MHz, On	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq Sweep Time	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz Auto (*)	15.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Man, 1 MHz	Both Man, 1 MHz 1 xResBW	Both Man, 100kHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Both Man, 100kHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Both Man, 1 MHz
Meas BW Video BW VBW/RBW	1 xResBW Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	1 xResBW Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm	-16.0 dBm	-15.0 dBm Auto	-15.00 dBm	-37.00 dBm	-50.0 dBm Auto	-50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute
Start Freq Stop Freq	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	15.00 MHz, Off 30.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Auto Man, 0.01 -15.0 dBm	Auto Man, 0.01 -16.0 dBm	Auto Man, 0.01 -15.0 dBm	Auto Man, 0.01 -15.0 dBm	Auto Man, 0.01 -37.00 dBm	Auto Man, 0.01 -50.0 dBm	Auto Man, 0.01 -50.0 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	-50.0 dBm Auto -52.00 dB	-50.0 dBm Auto -52.00 dB
Liiiiiis > Nei oldfi	Auto	Auto	Auto	Auto	Auto	Auto	Auto Auto	-52.00 dB Auto
Limits > Rel Stop Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute

	TS36.141 v.9.4.0	TS36.141 v.9.4.0	TS36.141 v.9.4.0
	Table 6.6.3.5.3-1	Table 6.6.3.5.3-2	Table 6.6.3.5.3-3
10 MHz SEM p.2 (BTS)	SEM_BS_10MHz_	SEM_BS_10MHz_	SEM_BS_10MHz_
	Add_below1GHz.mask	Add_above1GHz.mask	AddB12_13_14_17.mas
Mode > Mode Setup >	FDD only		FDD only
Direction Meas >	Downlink	Downlink	Downlink
View/Display > Frace/Detector >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average) Auto (Peak)
Offset Detector	Auto (Peak)	Auto (Peak)	
3W >	Auto Sense	Auto Sense	Auto Sense
Filter Type Sweep /Control > Gate >	Auto cense	Auto Consc	Auto ochac
Gate View Gate View Sweep Time			
Gate Delay Gate Length			
Gate Source Period			
Offset Sync Source			
Trigger Level			
Trig Slope Sync Holdoff Control			
Gate Holdoff			
Gate Delay Compen Meas Setup >			
Avg/Hold Num Meas Type	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22
Ref Channel > Integ BW	9.015 MHz	9.015 MHz	9.015 MHz
Span Sweep Time	10 MHz	10 MHz	10 MHz
Res BW	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)
Video BW	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center
Start Freq	50 kHz, On	50 kHz, On	15 kHz, On
Stop Freq	950 kHz	950 kHz	85 kHz
Sweep Time Offset Side	Both	Both	Both
Res BW	Man, 51 kHz	Man, 51 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2x ResBW
Video BW	Auto	Auto Man, 0.02	Auto
VBW/RBW	Man, 0.02		Man, 0.02
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm	-13.00 dBm
Limits > Rel Start Limits > Rel Stop	0 dB	0 dB	0 dB
	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit B >	Absolute	Absolute	Absolute
Start Freq	1.05 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	10.00 MHz	10.00 MHz	5.00 MHz
Offset Side	Both	Both	Both
Res BW	Man, 100 kHz	Man, 1 MHz	Man, 51 kHz
Meas BW	1 xResBW	1 xResBW	2 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.02
Limits > Abs Start	-13.00 dBm	-13.00 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto
	Absolute	Absolute	Absolute
Limits > Fail Mask Offset/Limit C > Start Freq	10.00 MHz, Off	10.00 MHz, Off	5.00 MHz, Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz	15.00 MHz
Offset Side	Both	Both	Both
Res BW	Man, 100 kHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.00 dBm	-13.00 dBm	-13.00 dBm
Limits > Abs Stop	Auto 0 dB	Auto 0 dB	Auto
Limits > Rel Start Limits > Rel Stop	Auto	Auto	0 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute Off	Absolute	Absolute
Start Freq	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off
Stop Freq	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW	Man, 100 kHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	-13.00 dBm	-13.00 dBm	-13.00 dBm
	Auto	Auto	Auto
Limits > Rel Stop	0 dB	0 dB	0 dB
	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute
Start Freq	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW	Man, 100 kHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.00 dBm	-13.00 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto
Limits > Rel Start Limits > Rel Stop	0 dB	0 dB	0 dB
	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute
Start Freq Stop Freq	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off
	50.00 MHz	50.00 MHz	50.00 MHz
Sweep Time			
Offset Side	Both	Both	Both
Res BW	Man, 100 kHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.00 dBm	-13.00 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute

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10 MHz SEM n 2 /MS)	Table 6.6.2.1.5-1 SEM_MS_10MHz_	Table 6.6.2.2.5.1-1 SEM_MS_10MHz_	Table 6.6.2.2.5.2-1 SEM_MS_10MHz_	Table 6.6.2.2.5.3-1 SEM_MS_10MHz_
10 MHz SEM p.3 (MS) Mode >	E-UTRA.mask	Add_NS03.mask	Add_NS04.mask	Add_NS06-07.mask
Mode Setup > Direction	Uplink	Uplink	Uplink	Uplink
Meas >				
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW > Filter Type	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Sweep /Control > Gate >				
Gate View Gate View Sweep Time				
Gate Delay				
Gate Length Gate Source				
Period Offset				
Sync Source Trigger Level				
Trig Slope Sync Holdoff				
Control Gate Holdoff				
Gate Delay Compen				
Meas Setup > Avg/Hold Num	Off, 10 (*)			
Meas Type Method	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW	Total Power Ref Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22	0.22
Integ BW Span	9.000 MHz 10.00 MHz	9.000 MHz 10.00 MHz	9.000 MHz 10.00 MHz	9.000 MHz 10.00 MHz
Sweep Time Res BW	Auto (*) Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)
Video BW	Auto	Auto	Auto	Auto
VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	15.00 kHz, On 985.0 kHz	15.00 kHz, On 985.0 kHz	15.00 kHz, On 985.0 kHz	15.00 kHz, On 85.0 kHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start	-16.50 dBm	-16.50 dBm	-16.50 dBm	-16.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	4.50 MHz Auto (*)	9.50 MHz	4.50 MHz	950 kHz
Offset Side	Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-8.50 dBm Auto	-11.50 dBm Auto	-11.50 dBm Auto	-11.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute	Absolute
Start Freq	5.50 MHz, On	10.50 MHz, On	5.50 MHz, On	1.50 MHz, On
Stop Freq Sweep Time	9.50 MHz Auto (*)	14.50 MHz	14.50 MHz	9.50 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -11.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -11.50 dBm
Limits > Abs Stop	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Start Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	10.50 MHz, On 14.50 MHz	15.00 MHz, Off 20.00 MHz	15.00 MHz, Off 20.00 MHz	10.50 MHz, On 14.50 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit E > Start Freq	15.00 MHz, Off	20.00 MHz, Off	20.00 MHz, Off	15.00 MHz, Off
Stop Freq Sweep Time	20.00 MHz Auto (*)	30.00 MHz	30.00 MHz	20.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW VBW/RBW	Auto Man, 0.01 -23.50 dBm	Auto Man, 0.01	Auto Man, 0.01 -23.50 dBm	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	Auto	-23.50 dBm Auto	Auto	-23.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	20.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	20.00 MHz, Off 40.00 MHz
Sweep Time	Auto (*)			
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
	LUIUU UDIII	Auto	Auto	Auto
Limits > Abs Stop	Auto			O dB
Limits > Abs Start Limits > Rel Start Limits > Rel Stop Limits > Rel Stop Limits > Fail Mask	O dB Auto Absolute	0 dB Auto Absolute	0 dB Auto Absolute	0 dB Auto Absolute

	TS36.141 v.9.4.0 Table 6.6.3.5.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.2-1	TS36.141 v.9.4.0 Table 6.6.3.5.2A-3		41 v.9.4.0 6.3.5.2X-3
15 MHz SEM p.1 (BTS)	SEM_BS_15MHz_ below1GHz_CatA.mask	SEM_BS_15MHz_ above1GHz_CatA.mask	SEM_BS_15MHz_ below1GHz_CatB.mask	SEM_BS_15MHz_ above1GHz_CatB.mask	SEM_BS_15MHz_ CatB-2.mask	SEM_BS_15MHz_ Local.mask	SEM_BS_15MHz_ Home20P2.mask	SEM_BS_15MHz_ Home2P.mask
Mode > Mode Setup >	FDD only		FDD only		FDD only			
	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW > Filter Type	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto (Feak)
Sweep /Control > Gate >	Auto Serise	Auto Gerise	Auto Gense	Auto Serise	Auto Serise	Auto Gerise	Auto Serise	Auto Serise
Gate View Gate View Sweep Time								
Gate View Sweep Time Gate Delay Gate Length								
Gate Source								
Period Offset								
Sync Source Trigger Level								
Trig Slope Sync Holdoff								
Control Gate Holdoff								
Gate Delay Compen Meas Setup >								
Avg/Hold Num Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Filter Alpha	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	13.515 MHz	13.515 MHz	13.515 MHz	13.515 MHz	13.515 MHz	13.515 MHz	13.515 MHz	13.515 MHz
Sweep Time	15 MHz	15 MHz	15 MHz	15 MHz Auto (*)	15 MHz	15 MHz	15 MHz	15 MHz
Res BW Video BW	Auto (150 kHz) Auto	Auto (150 kHz) Auto	Auto (150 kHz) Auto	Auto (150 kHz) Auto	Auto (150 kHz) Auto	Auto (150 kHz) Auto	Auto (150 kHz) Auto	Auto (150 kHz) Auto
VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	15 kHz, On 215 kHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz
Sweep Time	Both	Both	Both	Auto (*)	Both	Both	Both	Both
Res BW Meas BW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-12.5 dBm Auto	-28.50 dBm -35.50 dBm	-34.50 dBm -40.50 dBm	-34.50 dBm -40.50 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute
Start Freq	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	215 kHz, On 1.015 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz
Sweep Time			Both	Auto (*)	Both	Both	Both	Both
Offset Side Res BW	Both Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz 1 xResBW	Man, 30 kHz	Man, 100 kHz 1 xResBW	Man, 100 kHz	Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	Auto	1 xResBW Auto	Auto	1 xResBW Auto	1 xResBW Auto
Limits > Abs Start	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -12.50 dBm	Man, 0.01 -35.50 dBm	Man, 0.01 -40.50 dBm	Man, 0.01 -40.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	0 dB	0 dB	O dB	-24.50 dBm 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Absolute	Absolute	Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq	10.05 MHz, On	10.50 MHz, On	10.05 MHz, On	10.50 MHz, On	1.015 MHz, On	10.05 MHz, On	10.50 MHz, On	10.50 MHz, On
Sweep Time	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz Auto (*)	1.50 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Res BW	Both Man, 100kHz	Both Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Both Man, 30 kHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -13.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -24.50 dBm	Man, 0.01 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit D > Start Freq	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off	1.50 MHz, On	15.00 MHz, Off	15.00 MHz, Off	15.00 MHz, Off
Stop Freq Sweep Time	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz Auto (*)	10.50 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -11.50 dBm	Man, 0.01 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit E > Start Freq	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off	10.50 MHz, On	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq Sweep Time	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz Auto (*)	15.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -16.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -15.00 dBm	Man, 0.01 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
Offset/Limit F > Start Freq	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off	15.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off
Stop Freq Sweep Time	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz Auto (*)	30.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 100kHz	Both	Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	Man, 1 MHz 1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Man, 0.01
VBW/RBW	-13.0 dBm	-15.0 dBm	-16.0 dBm Auto	-15.0 dBm Auto	-15.0 dBm Auto	-37.00 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto
Limits > Abs Start Limits > Abs Stop	Auto	Auto						
Limits > Abs Start	Auto 0 dB Auto Absolute	Auto 0 dB Auto Absolute	0 dB Auto Absolute	0 dB Auto	0 dB Auto Absolute	0 dB Auto Absolute	-52.00 dB Auto Relative	-52.00 dB Auto Absolute

	TS36.141 v.9.4.0 Table 6.6.3.5.3-1	TS36.141 v.9.4.0 Table 6.6.3.5.3-2	TS36.141 v.9.4.0 Table 6.6.3.5.3-3
15 MHz SEM p.2 (BTS)	SEM_BS_15MHz_ Add_below1GHz.mask	SEM_BS_15MHz_ Add_above1GHz.mask	SEM_BS_15MHz_ AddB12_13_14_17.ma
Mode > Mode Setup >	FDD only		FDD only
Direction Meas >	Downlink	Downlink	Downlink
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW >	Auto Sense	Auto Sense	Auto Sense
Filter Type Sweep /Control > Gate >			
Gate View Gate View Sweep Time			
Gate Delay Gate Length			
Gate Source Period			
Offset Sync Source			
Trigger Level Trig Slope			
Sync Holdoff Control			
Gate Holdoff Gate Delay Compen			
Meas Setup >			
Avg/Hold Num Meas Type	Total Power Ref	Total Power Ref	Total Power Ref
Method Filter Alpha	0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	13.515 MHz	13.515 MHz	13.515 MHz
Span Sweep Time	15 MHz	15 MHz	15 MHz
Res BW Video BW	Auto (150 kHz) Auto	Auto (150 kHz) Auto	Auto (150 kHz) Auto
VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	50 kHz, On 950 kHz	50 kHz, On 950 kHz	15 kHz, On 85 kHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 15 kHz 2x ResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-13.00 dBm	-15.00 dBm	-13.00 dBm
Limits > Rel Start	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.05 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	10.00 MHz	10.00 MHz	5.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 51 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	2 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.02 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto	Auto 0 dB
Limits > Rel Stop	Auto Absolute	Auto Absolute	Auto Absolute
Limits > Fail Mask Offset/Limit C > Start Freq	10.00 MHz, Off	10.00 MHz. Off	5.00 MHz, Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz	15.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	1 xResBW
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start	-13.00 dBm Auto	-13.00 dBm	-13.00 dBm
Limits > Abs Stop Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute
Start Freq	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq Sweep Time	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Both Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Both Man, 100 kHz
Meas BW Video BW	Auto	Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit F > Start Freq	40.00 MHz, Off	40.00 MHz, Off	40.00 MHz, Off
Stop Freq Sweep Time	50.00 MHz	50.00 MHz	50.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
	0 dB	0 dB	0 dB
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute

	TS36.521-1 v.9.1.0 Table 6.6.2.1.5-1	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.1-1	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.2-1
15 MHz SEM p.3 (MS)	SEM_MS_15MHz_	SEM_MS_15MHz_	SEM_MS_15MHz_
Mode >	E-UTRA.mask	Add_NS03.mask	Add_NS04.mask
Mode Setup > Direction	Uplink	Uplink	Uplink
Meas > View/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Trace/Detector > Chan Detector	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)
Offset Detector BW >	Auto (Peak)	Auto (Peak)	Auto (Peak)
Filter Type	Auto Sense	Auto Sense	Auto Sense
Sweep /Control > Gate >			
Gate View Gate View Sweep Time			
Gate Delay Gate Length			
Gate Source Period			
Offset			
Sync Source Trigger Level			
Trig Slope Sync Holdoff			
Control Gate Holdoff			
Gate Delay Compen Meas Setup >			
Avg/Hold Num Meas Type	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW
Filter Alpha Ref Channel >	0.22	0.22	0.22
Integ BW Span	13.50 MHz 15.00 MHz	13.50 MHz 15.00 MHz	13.50 MHz 15.00 MHz
Sweep Time Res BW	Auto (*) Auto (150 kHz)	Auto (150 kHz)	Auto (150 kHz)
Video BW VBW/RBW	Auto Auto	Auto Auto	Auto Auto
Power Ref Offset/Limits > Freq Define	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center
Offset/Limit A >	15.00 kHz. On	15.00 kHz, On	15.00 kHz. On
Start Freq Stop Freq	985.0 kHz	985.0 kHz	985.0 kHz
Sweep Time Offset Side	Auto (*) Both	Both	Both
Res BW Meas BW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-18.50 dBm Auto	-18.50 dBm Auto	-18.50 dBm Auto
Limits > Rel Start	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On
Stop Freq Sweep Time	4.50 MHz Auto (*)	14.50 MHz	4.50 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW	Man, 0.01 -8.50 dBm	Man, 0.01 -11.50 dBm	Man, 0.01 -11.50 dBm
Limits > Abs Start Limits > Abs Stop	Auto	Auto	Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute
Start Freq Stop Freq	5.50 MHz, On 14.50 MHz	15.50 MHz, On 19.50 MHz	5.50 MHz, On 19.50 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -11.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit D > Start Freq	15.50 MHz, On	20.00 MHz, Off	20.00 MHz. Off
Stop Freq	19.50 MHz	25.00 MHz	25.00 MHz
Sweep Time Offset Side Res BW	Auto (*) Both Man, 1 MHz	Both Man, 1 MHz 1 xResBW	Both
Meas BW	1 xResBW		Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-23.50 dBm Auto	-23.50 dBm Auto	-23.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute
Start Freq	20.00 MHz, Off	25.00 MHz, Off	25.00 MHz, Off
Stop Freq Sweep Time	30.00 MHz Auto (*)	30.00 MHz	30.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto	Auto	Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute
Start Freq Stop Freq	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute

	TS36.141 v.9.4.0 Table 6.6.3.5.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-3	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.2-1	TS36.141 v.9.4.0 Table 6.6.3.5.2A-3		41 v.9.4.0 .6.3.5.2X-3
20 MHz SEM p.1 (BTS)	SEM_BS_20MHz_ below1GHz_CatA.mask	SEM_BS_20MHz_ above1GHz_CatA.mask	SEM_BS_20MHz_ below1GHz_CatB.mask	SEM_BS_20MHz_ above1GHz_CatB.mask	SEM_BS_20MHz_ CatB-2.mask	SEM_BS_20MHz_ Local.mask	SEM_BS_20MHz_ Home20P2.mask	SEM_BS_20MHz_ Home2P.mask
Mode > Mode Setup >	FDD only		FDD only		FDD only			
Direction Meas >	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
View/Display > Trace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW >	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense	Auto Sense
Filter Type Sweep /Control > Gate >	Auto Serise	Auto Gerise	Auto Gense	Auto Serise	Auto Serise	Auto Gerise	Auto Gerise	Auto Gerise
Gate View Gate View Sweep Time								
Gate Delay Gate Length								
Gate Source								
Period Offset Sync Source								
Trigger Level								
Trig Slope Sync Holdoff Control								
Gate Holdoff								
Gate Delay Compen Meas Setup >				0" 10 "				
Avg/Hold Num Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method Filter Alpha	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz
Span Sweep Time	20 MHz	20 MHz	20 MHz	20 MHz Auto (*)	20 MHz	20 MHz	20 MHz	20 MHz
Res BW Video BW	Auto (180 kHz) Auto	Auto (180 kHz) Auto	Auto (180 kHz) Auto	Auto (180 kHz) Auto	Auto (180 kHz) Auto	Auto (180 kHz)	Auto (180 kHz) Auto	Auto (180 kHz) Auto
VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	15 kHz, On 215 kHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz	50 kHz, On 5.050 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both	Both
Res BW Meas BW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-12.5 dBm Auto	-28.50 dBm -35.50 dBm	-34.50 dBm -40.50 dBm	-34.50 dBm -40.50 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit B >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	215 kHz, On 1.015 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz	5.05 MHz, On 10.05 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 30 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-12.50 dBm Auto	-12.50 dBm Auto	-12.50 dBm Auto	-12.50 dBm Auto	-12.50 dBm -24.50 dBm	-35.50 dBm Auto	-40.50 dBm Auto	-40.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	10.05 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	10.05 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	1.015 MHz, On 1.50 MHz	10.05 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*) Both	Both	Both	Both	Both
Res BW Meas BW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 30 kHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-13.0 dBm Auto	-16.0 dBm Auto	-15.0 dBm Auto	-24.50 dBm Auto	-37.00 dBm	-50.0 dBm	-50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	1.50 MHz, On 10.50 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*)	Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm Auto	-16.0 dBm Auto	-15.0 dBm	-11.50 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute
Start Freq Stop Freq	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	10.50 MHz, On 15.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off 40.00 MHz
Sweep Time Offset Side	Both	Both	Both	Auto (*)	Both	Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm Auto	-16.0 dBm Auto	-15.0 dBm Auto	-15.00 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Relative	Absolute
Start Freq Stop Freq	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	15.00 MHz, Off 30.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz
Sweep Time Offset Side	Both		Both	Auto (*)	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz 1 xResBW	Man, 100kHz	Man, 1 MHz 1 xResBW	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	Auto Man. 0.01	1 xResBW Auto Man. 0.01	Auto Man. 0.01	1 xResBW Auto Man, 0.01	1 xResBW Auto Man. 0.01	1 xResBW Auto Man. 0.01	1 xResBW Auto Man, 0.01
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 dBm	-15.0 dBm	-16.0 dBm	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	O dB	O dB	Auto 0 dB	Auto 0 dB	-52.00 dB	-52.00 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute
				(*) When pressing "Meas Preset" key.				

	TS36.141 v.9.4.0 Table 6.6.3.5.3-1	TS36.141 v.9.4.0 Table 6.6.3.5.3-2	TS36.141 v.9.4.0 Table 6.6.3.5.3-3
20 MHz SEM p.2 (BTS)	SEM_BS_20MHz_ Add_below1GHz.mask	SEM_BS_20MHz_ Add_above1GHz.mask	SEM_BS_20MHz_ AddB12_13_14_17.mas
Mode > Mode Setup >	FDD only		FDD only
Direction Meas >	Downlink	Downlink	Downlink
View/Display > Frace/Detector >	Abs Pwr Freq Average	Abs Pwr Freq Average	Abs Pwr Freq Average
Chan Detector Offset Detector	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)	Auto (Average) Auto (Peak)
BW >	Auto Sense	Auto Sense	Auto Sense
Filter Type Sweep /Control > Gate >			
Gate View Gate View Sweep Time			
Gate Delay Gate Length			
Gate Source Period			
Offset Sync Source			
Trigger Level Trig Slope			
Sync Holdoff Control			
Gate Holdoff Gate Delay Compen			
Meas Setup > Avg/Hold Num			
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref
Method Filter Alpha	Integ BW 0.22	Integ BW 0.22	Integ BW 0.22
Ref Channel > Integ BW	18.015 MHz	18.015 MHz	18.015 MHz
Span Sweep Time	20 MHz	20 MHz	20 MHz
Res BW Video BW	Auto (180 kHz) Auto	Auto (180 kHz) Auto	Auto (180 kHz) Auto
VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	50 kHz, On 950 kHz	50 kHz, On 950 kHz	15 kHz, On 85 kHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 51 kHz 2 xResBW	Man, 51 kHz 2 xResBW	Man, 15 kHz 2x ResBW
Video BW VBW/RBW	Auto	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	Man, 0.02 -13.00 dBm	-16.00 dBm	-13.00 dBm
Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.05 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq Sweep Time	10.00 MHz	10.00 MHz	5.00 MHz
Offset Side Res BW	Both Man, 100 kHz	Both Man, 1 MHz	Both Man, 51 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	2 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.02 -13.00 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto Absolute	Auto Absolute	Auto Absolute
Limits > Fail Mask Offset/Limit C > Start Freq	10.00 MHz, Off	Absolute	5.00 MHz, Off
Stop Freq	10.00 MHz, Off 15.00 MHz	15.00 MHz, Off	15.00 MHz, Off 15.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-13.00 dBm Auto	-13.00 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Both	Both	Both
Res BW Meas BW	Man, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 100 kHz 1 xResBW
Video BW VBW/RBW	Auto	Auto	Auto
Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit E > Start Freq	30.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq Sweep Time	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Both Man, 100 kHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Both Man, 100 kHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto
Limits > Rel Stop	Auto	Auto	0 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute 055	Absolute Off	Absolute
Start Freq Stop Freq	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz
	Both	Both	Both
Sweep Time Offset Side		Man, 1 MHz	Man, 100 kHz 1 xResBW
	Man, 100 kHz 1 xResBW	1 xResBW	I VIZESDAA
Offset Side Res BW Meas BW Video BW	1 xResBW Auto	Auto Man, 0.01	Auto
Offset Side Res BW Meas BW Video BW VBW/RBW Limits > Abs Start	1 xResBW Auto Man, 0.01 -13.00 dBm	Auto Man, 0.01 -13.00 dBm	Auto Man, 0.01 -13.00 dBm
Offset Side Res BW Meas BW Video BW VBW/RBW	1 xResBW Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01

	TS36.521 v.8.1.0 Table 6.6.2.1.5-1	TS36.521 v.8.1.0 Table 6.6.2.2.5.1-1	TS36.521 v.8.1.0 Table 6.6.2.2.5.2-1
20 MHz SEM p.3 (MS)	SEM_MS_20MHz_ E-UTRA.mask	SEM_MS_20MHz_ Add_NS03.mask	SEM_MS_20MHz_ Add_NS04.mask
Mode >	E-UIRA.mask	Auu_INSU3.mask	Add_INSU4.mask
Mode Setup > Direction	Uplink	Uplink	Uplink
Meas > View/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Frace/Detector > Chan Detector	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)
Filter Type	Auto Sense	Auto Sense	Auto Sense
Sweep /Control > Gate >			
Gate View Gate View Sweep Time			
Gate Delay Gate Length			
Gate Source Period			
Offset Sync Source			
Trigger Level			
Trig Slope Sync Holdoff			
Control Gate Holdoff			
Gate Delay Compen Meas Setup >			
Avg/Hold Num Meas Type	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW
Ref Channel >	0.22	0.22	0.22
Integ BW Span	18.00 MHz 20.00 MHz	18.00 MHz 20.00 MHz	18.00 MHz 20.00 MHz
Sweep Time Res BW	Auto (*) Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)
Video BW VBW/RBW	Auto Auto	Auto Auto	Auto Auto
Power Ref Offset/Limits > Freq Define	Auto Auto Edge to Center	Auto Auto Edge to Center	Auto Edge to Center
Offset/Limit A >			
Start Freq Stop Freq	15.00 kHz, On 985.0 kHz	15.00 kHz, On 985.0 kHz	15.00 kHz, On 985.0 kHz
Sweep Time Offset Side	Auto (*) Both	Both	Both
Res BW Meas BW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW	Man, 15 kHz 2 xResBW
Video BW VBW/RBW	Auto Man, 0.02	Auto Man, 0.02	Auto Man, 0.02
Limits > Abs Start Limits > Abs Stop	-19.50 dBm	-19.50 dBm	-19.50 dBm Auto
Limits > Rel Start	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On
Stop Freq Sweep Time	4.50 MHz Auto (*)	19.50 MHz	4.50 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW	1 xResBW Auto	1 xResBW
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start Limits > Abs Stop	-8.50 dBm Auto	-11.50 dBm Auto	-11.50 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute	Absolute
Start Freq Stop Freq	5.50 MHz, On 19.50 MHz	20.50 MHz, On 24.50 MHz	5.50 MHz, On 24.50 MHz
Sweep Time	Auto (*)		
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -11.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	Auto	Auto	Auto Absolute
Offset/Limit D >	Absolute	Absolute	
Start Freq Stop Freq	20.50 MHz, On 24.50 MHz	25.00 MHz, Off 30.00 MHz	25.00 MHz, Off 30.00 MHz
Sweep Time Offset Side	Auto (*) Both	Both	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Both Man, 1 MHz 1 xResBW	Both Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit E > Start Freq	25.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq Sweep Time	30.00 MHz Auto (*)	35.00 MHz	35.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW
Video BW VBW/RBW	Auto Man, 0.01 -23.50 dBm	Auto Man, 0.01	Auto Man, 0.01 -23.50 dBm
Limits > Abs Start Limits > Abs Stop	Auto	-23.50 dBm Auto	Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute
Start Freq Stop Freq	30.00 MHz, Off 40.00 MHz	35.00 MHz, Off 40.00 MHz	35.00 MHz, Off 40.00 MHz
Stop Freq Sweep Time Offset Side	Auto (*)		
Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto	Auto	Auto
Limits > Fail Mask	Absolute (*) When pressing	Absolute	Absolute