Agilent N9082A LTE TDD Measurement Application

Supported SEM preset mask files

Supported SEM preset mask files						
Mask File Name	DL/UL, BW	Std Body	Document	Updated	Status XA FW ve	r
SEM BS 1 4MHz above1GHz CatA.mask	DL, 1.4 MHz General operating bands > 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-4	6/30/2009	Verified A.08.00	
SEM BS 1 4MHz above1GHz CatB.mask	DL, 1.4 MHz General operating bands > 1GHz, Category B-1, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2.1-4	6/30/2009	Verified A.08.00	Referring to the "Preset To Standard" setting
SEM_BS_1_4MHz_Local.mask	DL. 1.4 MHz Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-1	9/10/2010	New A.08.00	
SEM BS 1 4MHz Home20P2.mask	DL, 1.4 MHz Home BS, 20 dBm >= P >= 2dBm	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-1	9/10/2010		
SEM_BS_1_4MHz_Home2P.mask	DL, 1.4 MHz Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-1	9/10/2010		
		3GPP			Verified A.08.00	
SEM_BS_1_4MHz_Add_above1GHz.mask	DL, 1.4 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			Defendent to the IIDseed To Chandendii cetting
SEM MS 1 4MHz E-UTRA.mask	UL, 1.4 MHz General E-UTRA spectrum emission mask		TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.1.5-1		Updated A.08.00	Referring to the "Preset To Standard" setting
SEM MS 1 4MHz Add NS03.mask	UL, 1.4 MHz Additional requirements (NS 03)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.1-1			
SEM_MS_1_4MHz_Add_NS04.mask	UL, 1.4 MHz Additional requirements (NS_04)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.2-1			
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 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_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		Verified A.08.00	Referring to the "Preset To Standard" setting
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		Troiding to the Trood To Otandard Setting
	DL, 3 MHz Home BS, 20 dBm >= P >= 2dBm	3GPP		9/10/2010		
SEM_BS_3MHz_Home20P2.mask			TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-2			
SEM BS 3MHz Home2P.mask	DL, 3 MHz Home BS, 2 dBm > P	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2X-2	9/10/2010		
SEM BS 3MHz Add above1GHz.mask	DL, 3 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		Verified A.08.00	
SEM_MS_3MHz_E-UTRA.mask	UL, 3 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_3MHz_Add_NS03.mask	UL, 3 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_3MHz_Add_NS04.mask	UL, 3 MHz Additional requirements (NS 04)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.2-1			
SEM MS 3MHz Add NS06-07.mask	UL, 3 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			
OEM_MO_OMMIZ_Add_14000 07.Mask	/ Additional requirements (NO_00 of NO_01)		1.000.02.1 1 1.0.1.0 (2010 00) 10010 0.0.2.2.0.0 1	0,00,2000	7.00.00	
CEM DC EMUT above 4011- Cotto accel	DL 5 MHz Conoral approxing hands 10Hz Catagon; A Wide Area DC	3GPP	T026 144 v 0 4 0 (2040 20) T-bl- 0 0 2 5 4 2	6/20/2000	Verified A.08.00	
SEM_BS_5MHz_above1GHz_CatA.mask	DL, 5 MHz General operating bands > 1GHz, Category A, Wide Area BS		TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-6			Defendents to the IIDrees To Ote of and III
SEM_BS_5MHz_above1GHz_CatB.mask	DL, 5 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 5MHz Local.mask	DL, 5 MHz Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-3	9/10/2010		
SEM BS 5MHz Home20P2.mask	DL, 5 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		
SEM_BS_5MHz_Home2P.mask	DL, 5 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 5MHz Add above1GHz.mask	DL, 5 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 MS 5MHz E-UTRA.mask	UL, 5 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_5MHz_Add_NS03.mask	UL, 5 MHz Additional requirements (NS 03)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.1-1			g as an a second of the second
SEM MS 5MHz Add NS04.mask	UL, 5 MHz Additional requirements (NS_04)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.2-1			
		3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.3-1			
SEM MS 5MHz Add NS06-07.mask	UL, 5 MHz Additional requirements (NS 06 or NS 07)	JGPP	1536.521-1 V.9.1.0 (2010-06) Table 6.6.2.2.5.3-1	6/30/2009	Verilled A.06.00	
		0000		0/00/0000	1/ // // / / / / / / / / / / / / / / /	
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		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		Verified A.08.00	Referring to the "Preset To Standard" setting
SEM_BS_10MHz_Local.mask	DL, 10 MHz Local Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.2A-3	9/10/2010		
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	New A.08.00	
SEM BS 10MHz Home2P.mask	DL, 10 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 10MHz Add above1GHz.mask	DL, 10 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		Verified A.08.00	
SEM MS 10MHz E-UTRA.mask	UL, 10 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 10MHz Add NS03.mask	UL, 10 MHz Additional requirements (NS 03)	3GPP	TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.1-1			Troiding to the Trood To Otandard Setting
		3GPP				
SEM MS 10MHz Add NS04.mask	UL, 10 MHz Additional requirements (NS 04)		TS36.521-1 v.9.1.0 (2010-06) Table 6.6.2.2.5.2-1			
SEM_MS_10MHz_Add_NS06-07.mask	UL, 10 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_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_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 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		
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		
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		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		Verified A.08.00	Referring to the "Preset To Standard" setting
						Indiening to the Freset 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			
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	0/30/2009	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		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		Verified A.08.00	Referring to the "Preset To Standard" setting
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		
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		
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		
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		Verified A.08.00	
	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_E-UTRA.mask						Indicting to the Freset 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	
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	6/30/2009	verified A.08.00	
	tagaki Agilent Technologies Inc					

Updated on September 10th, 2010, by Moto Itagaki, Agilent Technologies, Inc.

1.4 MHz SEM p.1 (BTS)	T\$36.141 v.9.4.0 Table 6.6.3.5.1-4 SEM_BS_1_4MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-4 SEM_BS_1_4MHz_ above1GHz_CatB.mask	TS36.141 v.9.4.0 Table 6.6.3.5.2A-1 SEM_BS_1_4MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2X-1 SEM_BS_1_4MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2X-1 SEM_BS_1_4MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.3-2 SEM_BS_1_4MHz_
Mode > Mode Setup >	above1GHz_CatA.mask	above IGHZ_Catb.IIIask	Local.mask	Home20P2.mask	Home2P.mask	Add_above1GHz.mas
Direction Meas >	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
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)
BW > Filter Type	Auto Sense	Auto Sense	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						
Avg/Hold Num Meas Type	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
Ref Channel > Integ BW	1.095 MHz	1.095 MHz	1.095 MHz	1.095 MHz	1.095 MHz	1.095 MHz
Span Sweep Time	1.4 MHz	1.4 MHz Auto (*)	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz
Res BW Video BW	Auto (13 kHz) Auto	Auto (13 kHz) Auto	Auto (13 kHz) Auto	Auto (13 kHz) Auto	Auto (13 kHz) Auto	Auto (13 kHz) Auto
VBW/RBW Power Ref	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
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	5 kHz, On 995 kHz
Sweep Time Offset Side	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, 51 kHz 2 xResBW	Man, 10 kHz 1 xResBW
Video BW VBW/RBW	Man, 0.02	Auto Man, 0.02	Auto Man, 0.02	Man, 0.02	Auto Man, 0.02	Man, 0.01
Limits > Abs Start Limits > Abs Stop	+0.50 dBm -9.50 dBm 0 dB	+0.50 dBm -9.50 dBm	-19.50 dBm -29.50 dBm	-28.50 dBm -34.50 dBm 0 dB	-28.50 dBm -34.50 dBm 0 dB	-14.00 dBm Auto 0 dB
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	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	1.50 MHz, On
Stop Freq Sweep Time	2.85 MHz	2.85 MHz Auto (*)	2.85 MHz	2.85 MHz	2.85 MHz	10.00 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, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -9.50 dBm	Man, 0.01 -9.50 dBm	Man, 0.01 -29.50 dBm	Man, 0.01 -34.50 dBm	Man, 0.01 -34.50 dBm	Man, 0.01 -13.00 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
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq	3.30 MHz, On	3.30 MHz, On	2.85 MHz, On	3.30 MHz, On	3.30 MHz, On	10.00 MHz, Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz Auto (*)	15.00 MHz	15.00 MHz	15.00 MHz	15.00 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
Meas BW Video BW	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 -31.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start Limits > Rel Stop	Auto 0 dB	Auto 0 dB	Auto 0 dB	-52.00 dB	-52.00 dB	Auto 0 dB
Limits > Rei Stop Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute Absolute	Auto Relative	Absolute	Auto Absolute
Start Freq Stop Freq	15.00 MHz, Off 30.00 MHz	15.00 MHz, Off	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	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
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
Limits > Abs Start Limits > Abs Stop	-15.0 dBm Auto	-15.0 dBm Auto	-31.0 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute	Relative	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	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 Man 1 MHz	Auto (*) Both Man, 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Res BW Meas BW Video BW	Man, 1 MHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto	Man, 100kHz 1 xResBW Auto	1 xResBW	Man, 1 MHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto
VIGEO BW VBW/RBW Limits > Abs Start	Man, 0.01 -15.0 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	Man, 0.01 -13.00 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	-50.0 dBm Auto -52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	Auto Absolute
Offset/Limit F > Start 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
Stop Freq Sweep Time	50.00 MHz	50.00 MHz Auto (*)	50.00 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 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
VBW/RBW Limits > Abs Start	Man, 0.01 -15.0 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	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	Auto Absolute
		(*) When pressing "Meas Preset" key.				

	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.2 (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 > 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	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
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 Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop Limits > Fail Mask	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 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 Start Limits > Abs Stop Limits > Rel Start	Auto	Auto	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	0 dB Auto	0 dB Auto	Auto	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	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	-23.50 dBm	-23.50 dBm	-11.50 dBm
Limits > Abs Stop Limits > Rel Start Limits > Rel Stop	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto 0 dB
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 Sweep Time	4.50 MHz Auto (*)	10.00 MHz	10.00 MHz	4.50 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	1 xResBW	Man, 1 MHz 1 xResBW Auto	1 xResBW
VBW/RBW	Man, 0.01	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm	Man, 0.01 -23.50 dBm
Limits > Abs Start Limits > Abs Stop	-25.00 dBm 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 E >	Absolute	Absolute	Absolute	Absolute
Start Freq Stop Freq	5.00 MHz, Off 20.00 MHz	10.00 MHz, Off 20.00 MHz	10.00 MHz, Off 20.00 MHz	5.00 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	Auto	Auto	Auto	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 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 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	Both Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	Man, 1 MHz 1 xResBW	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 (*) When pressing	Absolute	Absolute	Absolute
	"Meas Preset" key.			

	TS36.141 v.9.4.0 Table 6.6.3.5.1-5 SEM_BS_3MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-5 SEM_BS_3MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2A-2 SEM BS 3MHz	TS36.141 v.9.4.0 Table 6.6.3.5.2-2 SEM_BS_3MHz_	T\$36.141 v.9.4.0 Table 6.6.3.5.2-2 SEM_BS_3MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.3-2 SEM_BS_3MHz_
3 MHz SEM p.1 (BTS) Mode >	above1GHz_CatA.mask			Home20P2.mask FDD/TDD	Home2P.mask FDD/TDD	Add_above1GHz.mas
Mode Setup > Direction	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
Meas > /iew/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Frace/Detector > Chan Detector	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)
Filter Type Sweep /Control >	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						
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
Filter Alpha Ref Channel >	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
Sweep Time Res BW	Auto (27 kHz)	Auto (*) Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)
Video BW VBW/RBW Power Ref	Auto Auto	Auto Auto	Auto Auto	Auto Auto Auto	Auto Auto Auto	Auto Auto Auto
Offset/Limits > Freq Define Offset/Limit A >	Auto Edge to Center	Auto Edge to Center	Auto Edge to Center	Edge to Center	Edge to Center	Edge to Center
Start Freq Stop Freq	50 kHz, On 3.050 MHz	50 kHz, On 3.050 MHz	50 kHz, On 3.050 MHz	50 kHz, On 3.050 MHz	50 kHz, On 3.050 MHz	15 kHz, On 985 kHz
Sweep Time Offset Side	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, 15 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
Limits > Abs Start Limits > Abs Stop	-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	-13.00 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
Limits > Fail Mask Offset/Limit B >	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	1.50 MHz, On 10.00 MHz
Sweep Time Offset Side	Both	Auto (*) Both	Both Man 400 Hills	Both Man 400 kHz	Both	Both
Res BW Meas BW Video BW	Man, 100 kHz 1 xResBW Auto	Man, 100 kHz 1 xResBW Auto	Man, 100 kHz 1 xResBW Auto	Man, 100 kHz 1 xResBW Auto	Man, 100 kHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto
VBW/RBW Limits > Abs Start	Man, 0.01 -13.50 dBm	Man, 0.01 -13.50 dBm	Man, 0.01 -33.50 dBm	Man, 0.01 -38.50 dBm	Man, 0.01 -38.50 dBm	Man, 0.01 -13.00 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
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq	6.50 MHz, On	6.50 MHz, On	6.05 MHz, On	6.50 MHz, On	6.50 MHz, On	10.00 MHz, Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz Auto (*)	15.00 MHz	15.00 MHz	15.00 MHz	15.00 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
Meas BW Video BW	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 -35.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start Limits > Rel Stop	O dB Auto	O dB Auto	Auto 0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	Auto 0 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute	Relative	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	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	Auto (*) Both	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	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW	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	-15.0 dBm Auto	Auto	-35.00 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	O dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E > Start Free	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off	Relative 30.00 MHz, Off	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off
Start Freq Stop Freq Sweep Time	40.00 MHz	40.00 MHz 40.00 MHz Auto (*)	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 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
VBW/RBW Limits > Abs Start	Man, 0.01 -15.0 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	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	-52.00 dB	-52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	Auto Absolute
Offset/Limit F > Start 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
Stop Freq Sweep Time	50.00 MHz	50.00 MHz Auto (*)	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Man, 1 MHz 1 xResBW	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Moor DW	1 xResBW	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto Man, 0.01
Meas BW Video BW	Auto Map 0.01					
Video BW VBW/RBW Limits > Abs Start	Man, 0.01 -15.0 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	-13.00 dBm
Video BW VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01 -35.00 dBm Auto 0 dB Auto			

	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	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.3-1
3 MHz SEM p.2 (MS)	SEM_MS_3MHz_	SEM_MS_3MHz_	SEM_MS_3MHz_	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 > 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)
3W >				
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 (*)			
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	0.22	0.22	0.22	0.22
Ref Channel > Integ BW	2.700 MHz	2.700 MHz	2.700 MHz	2.700 MHz
Span Sweep Time	3 MHz Auto (*)	3 MHz	3 MHz	3 MHz
Res BW Video BW	Auto (27 kHz) Auto	Auto (27 kHz) Auto	Auto (27 kHz) Auto	Auto (27 kHz) Auto
VBW/RBW	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 > Start Freq	15.00 kHz	15.00 kHz	15.00 kHz	15.00 kHz
Stop Freq	985.0 kHz	985.0 kHz	985.0 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	-11.50 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 B >				
Start Freq Stop Freq	1.50 MHz, On 4.50 MHz	1.50 MHz, On 4.50 MHz	1.50 MHz, On 4.50 MHz	150 kHz, On 950 kHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	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	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	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start Limits > Abs Stop	-23.50 dBm Auto	-23.50 dBm Auto	-23.50 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	Absolute	Absolute	Absolute	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	Man, 1 MHz 1 xResBW	1 xResBW	Man, 1 MHz 1 xResBW	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 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	10.00 MHz, Off	10.00 MHz, Off	10.00 MHz, Off	6.00 MHz, Off
Stop Freq Sweep Time	20.00 MHz Auto (*)	20.00 MHz	20.00 MHz	20.00 MHz
Offset Side	Both	Both Map 4 MHz	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	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	Man, 0.01 -23.50 dBm Auto	-23.50 dBm	Man, 0.01 -23.50 dBm Auto	-23.50 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 F > Start Freq	20.00 MHz, Off	20.00 MHz, Off	20.00 MHz, Off	20.00 MHz, Off
Stop Freq	40.00 MHz	40.00 MHz	40.00 MHz	40.00 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	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				LARCOLITO

	TS36.141 v.9.4.0 Table 6.6.3.5.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-6	TS36.141 v.9.4.0 Table 6.6.3.5.2A-3	TS36.141 v.9.4.0 Table 6.6.3.5.2X-3	TS36.141 v.9.4.0 Table 6.6.3.5.2X-3	TS36.141 v.9.4.0 Table 6.6.3.5.3-2
5 MHz SEM p.1 (BTS)	SEM_BS_5MHz_	SEM_BS_5MHz_ above1GHz_CatB.mask	SEM_BS_5MHz_	SEM_BS_5MHz_ Home20P2.mask	SEM_BS_5MHz_ Home2P.mask	SEM_BS_5MHz_ Add_above1GHz.mask
Mode > Mode Setup >	FDD/TDD	FDD/TDD	FDD/TDD	FDD/TDD	FDD/TDD	FDD/TDD
Direction Meas >	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
View/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Trace/Detector > Chan Detector	Average Auto (Average)	Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)
Offset Detector BW >	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)
Filter Type Sweep /Control >	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	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
Ref Channel > Integ BW	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz	4.515 MHz
Span Sweep Time	5MHz	5MHz Auto (*)	5MHz	5MHz	5MHz	5MHz
Res BW Video BW	Auto (47 kHz) Auto	Auto (47 kHz)	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	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
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	50 kHz, On 5.050 MHz	15 kHz, On 985 kHz
Sweep Time Offset Side	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, 15 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
Limits > Abs Start Limits > Abs Stop	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-28.50 dBm -35.50 dBm	-34.50 dBm -40.50 dBm	-34.50 dBm -40.50 dBm	-15.00 dBm
Limits > Rel Start	0 dB Auto	0 dB	0 dB Auto	0 dB	0 dB Auto	0 dB
Limits > Rel Stop Limits > Fail Mask Offset/Limit B >	Absolute	Absolute	Absolute	Auto Absolute	Absolute	Auto 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	5.05 MHz, On 10.05 MHz	1.50 MHz, On 10.00 MHz
Stop Freq Sweep Time	Both	Auto (*)		Both	Both	
Offset Side Res BW	Man, 100 kHz 1 xResBW	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz 1 xResBW	Both Man, 1 MHz 1 xResBW
Meas BW Video BW	Auto	1 xResBW Auto	1 xResBW Auto	1 xResBW Auto	Auto	Auto
VBW/RBW Limits > Abs Start	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	Man, 0.01 -13.00 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
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq	10.50 MHz, On	10.50 MHz, On	10.05 MHz, On	10.50 MHz, On	10.50 MHz, On	10.00 MHz, Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz Auto (*)	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Man, 1 MHz	Both Man, 100kHz	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
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 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	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Absolute	Auto Absolute	Auto Relative	Auto Absolute	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
Stop Freq Sweep Time	30.00 MHz	30.00 MHz Auto (*)	30.00 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, 1 MHz
Meas BW Video BW	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 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	-52.00 dB	-52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	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
Stop Freq Sweep Time	40.00 MHz	40.00 MHz Auto (*)	40.00 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, 1 MHz
Meas BW Video BW	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 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	-52.00 dB	-52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	Auto Absolute
Offset/Limit F > Start 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
Stop Freq Sweep Time	50.00 MHz	50.00 MHz Auto (*)	50.00 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 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
VBW/RBW Limits > Abs Start	Man, 0.01 -13.0 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	Man, 0.01 -13.00 dBm
Limits > Abs Stop	Auto 0 dB	Auto 0 dB	Auto 0 dB	Auto -52.00 dB	Auto -52.00 dB	Auto 0 dB
Limits > Rel Start						
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	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	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.3-1
5 MHz SEM p.2 (MS)	SEM_MS_5MHz_	SEM_MS_5MHz_	SEM_MS_5MHz_	SEM_MS_5MHz_
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)
3W >				
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 (*)			
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	0.22	0.22	0.22	0.22
Ref Channel > Integ BW	4.500 MHz	4.500 MHz	4.500 MHz	4.500 MHz
Span Sweep Time	5MHz Auto (*)	5MHz	5MHz	5MHz
Res BW Video BW	Auto (47 kHz)	Auto (47 kHz) Auto	Auto (47 kHz) Auto	Auto (47 kHz) Auto
VBW/RBW	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 > Start Freq	15.00 kHz	15.00 kHz	15.00 kHz	15.00 kHz
Stop Freq	985.0 kHz	985.0 kHz	985.0 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	-13.50 dBm	-13.50 dBm	-13.50 dBm	-13.50 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 Stop Freq	1.50 MHz, On 4.50 MHz	1.50 MHz, On 5.50 MHz	1.50 MHz, On 4.50 MHz	150 kHz, On 950 kHz
Sweep Time Offset Side	Auto (*) Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	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	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	0 dB 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	6.50 MHz, On 9.50 MHz	5.50 MHz, On 9.50 MHz	1.50 MHz, On 5.50 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	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start Limits > Abs Stop	-11.50 dBm Auto	-23.50 dBm Auto	-23.50 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	Absolute	Absolute	Absolute	Absolute
Offset/Limit D > Start Freq	6.50 MHz, ON	10.00 MHz, Off	10.00 MHz, Off	6.50 MHz, On
Stop Freq Sweep Time	9.50 MHz Auto (*)	20.00 MHz	20.00 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	1 xResBW	1 xResBW	Man, 1 MHz 1 xResBW	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 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	10.00 MHz, Off	20.00 MHz, Off	20.00 MHz, Off	6.00 MHz, Off
Stop Freq Sweep Time	20.00 MHz Auto (*)	30.00 MHz	30.00 MHz	20.00 MHz
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, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	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	Auto 0 dB	0 dB	Auto 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	30.00 MHz, Off	30.00 MHz, Off	20.00 MHz, Off
Stop Freq	40.00 MHz	40.00 MHz	40.00 MHz	40.00 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	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
	Auto	Auto	Auto	Auto Absolute
Limits > Rel Stop Limits > Fail Mask	Absolute	Absolute	Absolute	

10 MHz SEM p.1 (BTS)	TS36.141 v.9.4.0 Table 6.6.3.5.1-6 SEM_BS_10MHz_ above1GHz_CatA.mask	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-6 SEM_BS_10MHz_ above1GHz_CatB.mask	TS36.141 v.9.4.0 Table 6.6.3.5.2A-3 SEM_BS_10MHz_ Local.mask	TS36.141 v.9.4.0 Table 6.6.3.5.2X-3 SEM_BS_10MHz_ Home20P2.mask	TS36.141 v.9.4.0 Table 6.6.3.5.2X-3 SEM_BS_10MHz_ Home2P.mask	TS36.141 v.9.4.0 Table 6.6.3.5.3-2 SEM_BS_10MHz_ Add_above1GHz.mas
Mode > Mode Setup >	above IGHZ_CatA.IIIask	above IGHZ_Catb.IIIasr	LOCALITIASK	HOMEZOFZ.Mask	Homezr.mask	Add_above1GHz.mas
Direction Meas >	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
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)
BW > Filter Type	Auto Sense	Auto Sense	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	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	Integ BW 0.22	Integ BW
Ref Channel >	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 Auto (*)	10 MHz	10 MHz	10 MHz	10 MHz
Res BW Video BW	Auto (91 kHz) Auto	Auto (91 kHz) Auto	Auto (91 kHz) Auto	Auto (91 kHz) Auto	Auto (91 kHz) Auto	Auto (91 kHz) Auto
VBW/RBW Power Ref	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
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	50 kHz, On 5.050 MHz	50 kHz, On 950 kHz
Sweep Time Offset Side	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, 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
Limits > Abs Start Limits > Abs Stop	-5.50 dBm -12.50 dBm	-5.50 dBm -12.50 dBm	-28.50 dBm -35.50 dBm	-34.50 dBm -40.50 dBm	-34.50 dBm -40.50 dBm	-13.00 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
Limits > Fail Mask Offset/Limit B >	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	5.05 MHz, On 10.05 MHz	1.50 MHz, On 10.00 MHz
Sweep Time Offset Side	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, 100 kHz 1 xResBW	Man, 1 MHz 1 xResBW
Video BW VBW/RBW Limits > Abs Start	Auto Man, 0.01 -12.50 dBm	Auto Man, 0.01 -12.50 dBm	Auto Man, 0.01 -35.50 dBm	Auto Man, 0.01 -40.50 dBm	Man, 0.01 -40.50 dBm	Auto Man, 0.01 -13.00 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
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq	10.50 MHz, On	10.50 MHz, On	10.05 MHz, On	10.50 MHz, On	10.50 MHz, On	10.00 MHz, Off
Stop Freq Sweep Time	15.00 MHz	15.00 MHz Auto (*)	15.00 MHz	15.00 MHz	15.00 MHz	15.00 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
Meas BW Video BW	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 -37.00 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 dBm	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	-52.00 dB	Auto -52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	Auto Absolute
Offset/Limit D > Start 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
Stop Freq Sweep Time Offset Side	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, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-15.0 dBm Auto	Man, 0.01 -15.0 dBm Auto	-37.00 dBm	-50.0 dBm	-50.0 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute	Relative	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	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	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, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	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	-15.0 dBm Auto	-15.0 dBm Auto	-37.00 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto Absolute	0 dB Auto Absolute	-52.00 dB Auto Relative	-52.00 dB Auto Absolute	0 dB Auto Absolute
Limits > Fail Mask Offset/Limit F > Start Freq	Absolute 40.00 MHz, Off	Absolute 40.00 MHz, Off	Absolute 40.00 MHz, Off	40.00 MHz, Off	Absolute 40.00 MHz, Off	Absolute 40.00 MHz, Off
Start Freq Stop Freq Sweep Time	40.00 MHz, Off 50.00 MHz	50.00 MHz	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
Sweep Time Offset Side Res BW	Both Man, 1 MHz	Auto (*) Both Man 1 MHz	Both Man, 100kHz	Both Man, 1 MHz	Both Man, 1 MHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	Man, 1 MHz 1 xResBW Auto	1 xResBW	1 xResBW	1 xResBW	1 xResBW Auto
VBW/RBW Limits > Abs Start	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	Man, 0.01 -13.00 dBm
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	Auto 0 dB	-50.0 dBm Auto -52.00 dB	-50.0 dBm Auto -52.00 dB	Auto 0 dB
Limits > Rel Start Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	Auto Absolute
Emmo / Fair Wash	500.010	(*) When pressing				. woodato

	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	TS36.521-1 v.9.1. Table 6.6.2.2.5.3-
10 MHz SEM p.2 (MS)	SEM_MS_10MHz_	SEM_MS_10MHz_	SEM_MS_10MHz_	SEM_MS_10MHz_
Mode >	E-UTRA.mask	Add_NS03.mask	Add_NS04.mask	Add_NS06-07.mask
Mode Setup > Direction	Uplink	Uplink	Uplink	Uplink
Vleas >				
View/Display > Frace/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)
3W >				
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				
leas Setup > Avg/Hold Num	Off, 10 (*)			
Meas Type	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
Ref Channel > Integ BW	9.000 MHz	9.000 MHz	9.000 MHz	9.000 MHz
Span	10.00 MHz	10.00 MHz	10.00 MHz	10.00 MHz
Sweep Time Res BW	Auto (*) Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)
Video BW VBW/RBW	Auto Auto	Auto Auto	Auto Auto	Auto Auto
Power Ref	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	15.00 kHz, On 985.0 kHz	15.00 kHz, On	15.00 kHz, On	15.00 kHz, On 85.0 kHz
Stop Freq Sweep Time	Auto (*)	985.0 kHz	985.0 kHz	
Offset Side Res BW	Both Man, 15 kHz	Both Man, 15 kHz	Both Man, 15 kHz	Both Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	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	-16.50 dBm Auto	-16.50 dBm Auto	-16.50 dBm Auto	-16.50 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	4.50 MHz	9.50 MHz	4.50 MHz	950 kHz
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, 100 kHz 1 xResBW
Video BW	Auto	Auto	Auto	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 9.50 MHz	10.50 MHz, On 14.50 MHz	5.50 MHz, On 14.50 MHz	1.50 MHz, On 9.50 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	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start Limits > Abs Stop	-11.50 dBm Auto	-23.50 dBm Auto	-23.50 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 D > Start Freq	10.50 MHz. On	15.00 MHz, Off	15.00 MHz, Off	10.50 MHz, On
Stop Freq	14.50 MHz	20.00 MHz	20.00 MHz	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 Stop Freq	15.00 MHz, Off 20.00 MHz	20.00 MHz, Off 30.00 MHz	20.00 MHz, Off 30.00 MHz	15.00 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	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	20.00 MHz, Off	30.00 MHz, Off	30.00 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	Both	Both Mon 1 MHz	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
	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Start	Auto		Auto	Auto
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	Auto 0 dB	Auto 0 dB	0 dB	0 dB
Limits > Abs Start Limits > Abs Stop	Auto			

15 MHz SEM p.1 (BTS)	TS36.141 v.9.4.0 Table 6.6.3.5.1-6 SEM_BS_15MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-6 SEM_BS_15MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2A-3 SEM_BS_15MHz_	T\$36.141 v.9.4.0 Table 6.6.3.5.2X-3 SEM_BS_15MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.2X-3 SEM_BS_15MHz_	TS36.141 v.9.4.0 Table 6.6.3.5.3-2 SEM_BS_15MHz_
Mode > Mode Setup >	above1GHz_CatA.mask	above1GHz_CatB.mask	Local.mask	Home20P2.mask	Home2P.mask	Add_above1GHz.mask
Direction Meas >	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
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)
BW > Filter Type	Auto Sense	Auto Sense	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	T. (10 D. (Off, 10 (*)	T	T. (10 D.)	T	T. (10 D. (
Meas Type Method Filter Alpha	Total Power Ref Integ BW 0.22	Total Power Ref Inteq BW 0.22	Total Power Ref Integ BW 0.22	Total Power Ref Integ BW 0.22	Total Power Ref Integ BW 0.22	Total Power Ref 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
Span Sweep Time	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 (150 kHz)	Auto (150 kHz)	Auto (150 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
Offset/Limits > Freq Define Offset/Limit A > Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On
Stop Freq Sweep Time	5.050 MHz	5.050 MHz Auto (*)	5.050 MHz	5.050 MHz	5.050 MHz	950 kHz
Offset Side Res BW	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 51 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
VBW/RBW Limits > Abs Start Limits > Abs Stop	Man, 0.02 -5.50 dBm -12.50 dBm	Man, 0.02 -5.50 dBm -12.50 dBm	Man, 0.02 -28.50 dBm -35.50 dBm	Man, 0.02 -34.50 dBm -40.50 dBm	Man, 0.02 -34.50 dBm -40.50 dBm	Man, 0.02 -15.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB	0 dB Auto	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit B >	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	5.05 MHz, On 10.05 MHz	1.50 MHz, On 10.00 MHz
Sweep Time Offset Side Res BW	Both Man, 100 kHz	Auto (*) Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 100 kHz	Both Man, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	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 -35.50 dBm	Man, 0.01 -40.50 dBm	Man, 0.01 -40.50 dBm	Man, 0.01 -13.00 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
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit C > Start Freq Stop Freq	10.50 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	10.50 MHz, On 15.00 MHz	10.00 MHz, Off 15.00 MHz
Sweep Time Offset Side	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, 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
Limits > Abs Start Limits > Abs Stop Limits > Rel Start	-13.0 dBm Auto 0 dB	-15.0 dBm Auto 0 dB	-37.00 dBm Auto 0 dB	-50.0 dBm Auto -52.00 dB	-50.0 dBm Auto -52.00 dB	-13.00 dBm Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	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
Stop Freq Sweep Time	30.00 MHz	30.00 MHz Auto (*)	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Offset Side Res BW Meas BW	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 1 xResBW	Both Man, 1 MHz 1 xResBW
Video BW VBW/RBW	Auto Man, 0.01	Auto	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-15.0 dBm Auto	Man, 0.01 -15.0 dBm Auto	-37.00 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E > Start Free	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off	Relative 30.00 MHz, Off	Absolute 30.00 MHz, Off	Absolute 30.00 MHz, Off
Start Freq Stop Freq Sweep Time	40.00 MHz	40.00 MHz Auto (*)	40.00 MHz, Off	40.00 MHz	40.00 MHz, Off	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
Meas BW Video BW	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 -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	Man, 0.01 -13.00 dBm
Limits > Abs Stop Limits > Rel Start Limits > Rel Stop	O dB Auto	0 dB Auto	Auto 0 dB Auto	-52.00 dB Auto	Auto -52.00 dB Auto	Auto 0 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz
Sweep Time Offset Side	Both	Auto (*) Both	Both	Both	Both	Both
Res BW Meas BW Video BW	Man, 1 MHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto	Man, 100kHz 1 xResBW Auto	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW Auto	Man, 1 MHz 1 xResBW Auto
Video BW VBW/RBW Limits > Abs Start	Man, 0.01 -15.0 dBm	Man, 0.01 -15.0 dBm	Man, 0.01 -37.00 dBm	Auto Man, 0.01 -50.0 dBm	Man, 0.01 -50.0 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	Auto -52.00 dB	Auto -52.00 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Relative	Auto Absolute	Auto Absolute
		(*) When pressing "Meas Preset" key.				

	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.2 (MS)	SEM_MS_15MHz_ E-UTRA.mask	SEM_MS_15MHz_ Add_NS03.mask	SEM_MS_15MHz_ Add NS04.mask
Mode >	E-UTKA.mask	Add_INSU3.mask	Auu_INSU4.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	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	Auto Auto Edge to Center	Auto Edge to Center
Offset/Limit A >	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
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	-18.50 dBm	-18.50 dBm	-18.50 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 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	Both Man, 1 MHz	Both	Both
Res BW Meas BW	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
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 14.50 MHz	15.50 MHz, On 19.50 MHz	5.50 MHz, On 19.50 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	Auto	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	15.50 MHz, On 19.50 MHz	20.00 MHz, Off 25.00 MHz	20.00 MHz, Off 25.00 MHz
Sweep Time Offset Side	Auto (*) Both		1
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	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	Both	Both Map 1 MHz	Both
Res BW Meas BW	Man, 1 MHz 1 xResBW	Man, 1 MHz 1 xResBW	Man, 1 MHz 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	30.00 MHz, Off 40.00 MHz	30.00 MHz, Off	30.00 MHz, Off
Stop Freq Sweep Time Offset Side	Auto (*)	40.00 MHz	40.00 MHz
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	Auto	Auto	Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto
Limits > Fail Mask	Absolute	Absolute	Absolute

	TS36.141 v.9.4.0	TS36.141 v.9.4.0	TS36.141 v.9.4.0	TS36.141 v.9.4.0	TS36.141 v.9.4.0	TS36.141 v.9.4.0
20 MHz SEM p.1 (BTS)	Table 6.6.3.5.1-6 SEM_BS_20MHz_	Table 6.6.3.5.2.1-6 SEM_BS_20MHz_	Table 6.6.3.5.2A-3 SEM_BS_20MHz_	SEM_BS_20MHz_	Table 6.6.3.5.2X-3 SEM_BS_20MHz_	SEM_BS_20MHz_
Mode >	above1GHz_CatA.mask	above1GHz_CatB.mask	Local.mask	Home20P2.mask	Home2P.mask	Add_above1GHz.mask
Mode Setup > Direction	Downlink	Downlink	Downlink	Downlink	Downlink	Downlink
Meas > View/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Trace/Detector > Chan Detector	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)	Average Auto (Average)
Offset Detector BW >	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)
Filter Type Sweep /Control >	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	Total Power Ref	Off, 10 (*) Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Meas Type Method	Integ BW	Integ BW	Integ BW	Inteq BW	Integ BW	Integ BW
Filter Alpha Ref Channel >	0.22	0.22				
Integ BW Span	18.015 MHz 20 MHz	18.015 MHz 20 MHz	18.015 MHz 20 MHz	18.015 MHz 20 MHz	18.015 MHz 20 MHz	18.015 MHz 20 MHz
Sweep Time Res BW	Auto (180 kHz)	Auto (*) Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)
Video BW VBW/RBW	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
Offset/Limit A > Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On
Stop Freq Sweep Time	5.050 MHz	5.050 MHz Auto (*)	5.050 MHz	5.050 MHz	5.050 MHz	950 kHz
Offset Side Res BW	Both Man, 51 kHz	Both Man, 51 kHz	Both Man, 51 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
VBW/RBW Limits > Abs Start	Man, 0.02 -5.50 dBm	Man, 0.02 -5.50 dBm	Man, 0.02 -28.50 dBm	Man, 0.02 -34.50 dBm	Man, 0.02 -34.50 dBm	Man, 0.02 -16.00 dBm
Limits > Abs Stop Limits > Rel Start	-12.50 dBm 0 dB	-12.50 dBm 0 dB	-35.50 dBm 0 dB	-40.50 dBm 0 dB	-40.50 dBm 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute	Auto Absolute
Offset/Limit B > Start Freq	5.05 MHz, On	5.05 MHz, On	5.05 MHz, On	5.05 MHz, On	5.05 MHz, On	1.50 MHz, On
Stop Freq Sweep Time	10.05 MHz	10.05 MHz Auto (*)	10.05 MHz	10.05 MHz	10.05 MHz	10.00 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, 1 MHz
Meas BW Video BW	1 xResBW Auto	1 xResBW Auto	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 -35.50 dBm	Man, 0.01 -40.50 dBm	Man, 0.01 -40.50 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	Auto 0 dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto Absolute	Auto
Limits > Fail Mask Offset/Limit C >	Absolute	Absolute 10.50 MHz, On	Absolute	Absolute		Absolute
Start Freq Stop Freq	10.50 MHz, On 15.00 MHz	15.00 MHz	10.05 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	10.50 MHz, On 15.00 MHz	10.00 MHz, Off 15.00 MHz
Sweep Time Offset Side	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, 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
Limits > Abs Start Limits > Abs Stop	-13.0 dBm Auto	-15.0 dBm Auto	-37.00 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute	Relative	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	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	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, 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
Limits > Abs Start Limits > Abs Stop	-15.0 dBm Auto	-15.0 dBm Auto	-37.00 dBm Auto	-50.0 dBm Auto	-50.0 dBm Auto	-13.00 dBm Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit E >	Absolute	Absolute	Absolute	Relative	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	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	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, 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
Limits > Abs Start Limits > Abs Stop	-15.0 dBm Auto	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Rel Start Limits > Rel Stop	0 dB Auto	0 dB Auto	0 dB Auto	-52.00 dB Auto	-52.00 dB Auto	0 dB Auto
Limits > Fail Mask Offset/Limit F >	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz, Off 50.00 MHz	40.00 MHz, Off 50.00 MHz
Sweep Time		Auto (*)				
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
Meas BW Video BW	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 -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	Man, 0.01 -13.00 dBm
Limita » Aba Ctan	Auto	Auto	Auto 0 dB	-52.00 dB	-52.00 dB	Auto 0 dB
Limits > Abs Stop Limits > Rel Start	0 dB	0 dB				
	0 dB Auto Absolute	Auto Absolute (*) When pressing	Auto Absolute	Auto Relative	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
20 MHz SEM p.2 (MS)	SEM_MS_20MHz_	SEM_MS_20MHz_	SEM_MS_20MHz_
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 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	Off, 10 (*)		
Meas Type Method	Total Power Ref	Total Power Ref Integ BW	Total Power Ref Integ BW
Filter Alpha	0.22	0.22	0.22
Ref Channel > Integ BW	18.00 MHz	18.00 MHz	18.00 MHz
Span Sweep Time	20.00 MHz Auto (*)	20.00 MHz	20.00 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	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	Auto	Auto	Auto Man, 0.02
VBW/RBW Limits > Abs Start	Man, 0.02 -19.50 dBm	Man, 0.02 -19.50 dBm	-19.50 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 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 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
Limits > Abs Stop	Auto	Auto O dB	Auto
Limits > Rel Start Limits > Rel Stop	0 dB Auto	Auto	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 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 VBW/RBW	Auto Man, 0.01	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	-11.50 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 > Rei Stop Limits > Fail Mask Offset/Limit D >	Absolute	Absolute	Absolute
Start Freq	20.50 MHz, On	25.00 MHz, Off	25.00 MHz, Off
Stop Freq Sweep Time	24.50 MHz Auto (*)	30.00 MHz	30.00 MHz
Offset Side Res BW	Both Man, 1 MHz	Both Man, 1 MHz 1 xResBW	Both Man, 1 MHz
Meas BW Video BW	1 xResBW 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
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	Both	Both Man, 1 MHz	Both Man, 1 MHz
Res BW Meas BW	Man, 1 MHz 1 xResBW	1 xResBW	1 xResBW
Video BW VBW/RBW	Auto Man, 0.01 -23.50 dBm	Auto Man, 0.01 -23.50 dBm	Auto Man, 0.01
Limits > Abs Start Limits > Abs Stop	Auto	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 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
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 VBW/RBW	Auto	Auto Man, 0.01	Auto Man, 0.01
Limits > Abs Start	Man, 0.01 -23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop Limits > Rel Start	Auto O dB	Auto 0 dB	Auto 0 dB
Limits > Rel Stop Limits > Fail Mask	Auto Absolute	Auto Absolute	Auto Absolute
	(*) When pressing		1