Agilent N9082A LTE TDD Measurement Application

Supported SEM preset mask files

Mask File Name	DL/UL, BW		Std Body	Document	Updated	Status	XA FW ver	
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	New	A.08.00	
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	New	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	6/30/2009	Verified	A.08.00	
SEM_MS_1_4MHz_E-UTRA.mask	UL, 1.4 MHz	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	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	6/30/2009	Verified	A.08.00	
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	6/30/2009	Verified	A.08.00	
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	6/30/2009	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	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	New	A.08.00	
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	New	A.08.00	
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	6/30/2009	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	6/30/2009	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	6/30/2009	Verified	A.08.00	
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	6/30/2009	Verified	A.08.00	
SEM_BS_5MHz_above1GHz_CatA.mask	DL, 5 MHz	General operating bands > 1GHz, Category A, Wide Area BS	3GPP	TS36.141 v.9.4.0 (2010-06) Table 6.6.3.5.1-6	6/30/2009	Verified	A.08.00	
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	6/30/2009	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	New	A.08.00	
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	New	A.08.00	
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	6/30/2009	Verified	A.08.00	
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	6/30/2009	Verified	A.08.00	
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_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_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_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	New	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	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	6/30/2009	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	6/30/2009	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	6/30/2009	Verified	A.08.00	
SEM_MS_10MHz_Add_NS04.mask	UL, 10 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_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	6/30/2009	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	6/30/2009	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	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_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_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_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_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_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_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	
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	6/30/2009	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	6/30/2009	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	

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

	TS36.141 v.9.4.0 Table 6.6.3.5.1-4	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-4	TS36.141 v.9.4.0 Table 6.6.3.5.2A-1	TS36.141 v.9.4.0 Table 6.6.3.5.2X-1	TS36.141 v.9.4.0 Table 6.6.3.5.2X-1	TS36.141 v.9.4.0 Table 6.6.3.5.3-2
1.4 MHz SEM p.1 (BTS)	SEM_BS_1_4MHz_ above1GHz_CatA.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	SEM_BS_1_4MHz_ Add_above1GHz.mask
Mode >						
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 >	Average	Average	Average	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	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		Off, 10 (*)				
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	0.22	0.22	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	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz
Sweep Time		Auto (*)				
Res BW	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Offset/Limit A >						
Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	5 kHz, On
Stop Freq	1.450 MHz	1.450 MHz	1.450 MHz	1.450 MHz	1.450 MHz	995 kHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 10 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.01
Limits > Abs Start	+0.50 dBm	+0.50 dBm	-19.50 dBm	-28.50 dBm	-28.50 dBm	-14.00 dBm
Limits > Abs Stop	-9.50 dBm	-9.50 dBm	-29.50 dBm	-34.50 dBm	-34.50 dBm	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	2.85 MHz	2.85 MHz	2.85 MHz	2.85 MHz	2.85 MHz	10.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-9.50 dBm	-9.50 dBm	-29.50 dBm	-34.50 dBm	-34.50 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-31.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-31.0 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-31.0 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-31.0 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.3-1
1.4 MHz SEM p.2 (MS)	SEM_MS_1_4MHz_ E-UTRA.mask	SEM_MS_1_4MHz_ Add_NS03.mask	SEM_MS_1_4MHz_ Add_NS04.mask	SEM_MS_1_4MHz_ Add_NS06-07.mask
Mode >				
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	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	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	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	0.22
Ref Channel >				
Integ BW	1.080 MHz	1.080 MHz	1.080 MHz	1.080 MHz
Span	1.4 MHz	1.4 MHz	1.4 MHz	1.4 MHz
Sweep Time	Auto (*)			
Res BW	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)	Auto (13 kHz)
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto
Power Ref	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	985.0 kHz	985.0 kHz	985.0 kHz	85.0 kHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-8.50 dBm	-8.50 dBm	-8.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
Offset/Limit B >				
Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On	150 kHz, On
Stop Freq	2.00 MHz	2.00 MHz	2.00 MHz	950 kHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-8.50 dBm	-11.50 dBm	-11.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
Offset/Limit C >				
Start Freq	3.00 MHz, On	3.00 MHz, On	3.00 MHz, On	1.50 MHz, On
Stop Freq	3.00 MHz	4.50 MHz	4.50 MHz	2.00 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	10.00 MHz	4.50 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-25.00 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	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	20.00 MHz	20.00 MHz	20.00 MHz	20.00 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-25.00 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-25.00 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
	(*) When pressing "Meas Preset" key.			

	TS36.141 v.9.4.0 Table 6.6.3.5.1-5	TS36.141 v.9.4.0 Table 6.6.3.5.2.1-5	TS36.141 v.9.4.0 Table 6.6.3.5.2A-2	TS36.141 v.9.4.0 Table 6.6.3.5.2-2	TS36.141 v.9.4.0 Table 6.6.3.5.2-2	TS36.141 v.9.4.0 Table 6.6.3.5.3-2
3 MHz SEM p.1 (BTS)	SEM_BS_3MHz_ above1GHz_CatA.mask	SEM_BS_3MHz_ above1GHz_CatB.mask	SEM_BS_3MHz_ Local.mask	SEM_BS_3MHz_ Home20P2.mask	SEM_BS_3MHz_ Home2P.mask	SEM_BS_3MHz_ Add_above1GHz.mask
Mode >			FDD/TDD	FDD/TDD	FDD/TDD	
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 >	Average	Average	Average	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	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		Off, 10 (*)				
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	0.22	0.22	0.22
Ref Channel >						
Integ BW	2.715 MHz	2.715 MHz	2.715 MHz	2.715 MHz	2.715 MHz	2.715 MHz
Span	3 MHz	3 MHz	3 MHz	3 MHz	3 MHz	3 MHz
Sweep Time		Auto (*)				
Res BW	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Offset/Limit A >						
Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	15 kHz, On
Stop Freq	3.050 MHz	3.050 MHz	3.050 MHz	3.050 MHz	3.050 MHz	985 kHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-3.50 dBm	-3.50 dBm	-23.50 dBm	-32.50 dBm	-32.50 dBm	-13.00 dBm
Limits > Abs Stop	-13.50 dBm	-13.50 dBm	-33.50 dBm	-38.50 dBm	-38.50 dBm	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute
Offset/Limit B >						
Start Freq	3.05 MHz, On	3.05 MHz, On	3.05 MHz, On	3.05 MHz, On	3.05 MHz, On	1.50 MHz, On
Stop Freq	6.05 MHz	6.05 MHz	6.05 MHz	6.05 MHz	6.05 MHz	10.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.50 dBm	-13.50 dBm	-33.50 dBm	-38.50 dBm	-38.50 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-35.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-35.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-35.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-35.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.3-1
3 MHz SEM p.2 (MS)	SEM_MS_3MHz_ E-UTRA.mask	SEM_MS_3MHz_ Add_NS03.mask	SEM_MS_3MHz_ Add_NS04.mask	SEM_MS_3MHz_ Add_NS06-07.mask
Mode >				
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	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	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	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	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	3 MHz	3 MHz	3 MHz	3 MHz
Sweep Time	Auto (*)			
Res BW	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)	Auto (27 kHz)
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto
Power Ref	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	985.0 kHz	985.0 kHz	985.0 kHz	85.0 kHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-11.50 dBm	-11.50 dBm	-11.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	4.50 MHz	4.50 MHz	950 kHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-8.50 dBm	-11.50 dBm	-11.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
Offset/Limit C >				
Start Freq	5.50 MHz, On	5.50 MHz, On	5.50 MHz, On	1.50 MHz, On
Stop Freq	5.50 MHz	5.50 MHz	5.50 MHz	4.50 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	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	10.00 MHz	10.00 MHz	10.00 MHz	5.50 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	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	20.00 MHz	20.00 MHz	20.00 MHz	20.00 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
	(*) When pressing "Meas Preset" key.			

	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_ above1GHz_CatA.mask	SEM_BS_5MHz_ above1GHz_CatB.mask	SEM_BS_5MHz_ Local.mask	SEM_BS_5MHz_ Home20P2.mask	SEM_BS_5MHz_ Home2P.mask	SEM_BS_5MHz_ Add_above1GHz.mask
Mode >	FDD/TDD	FDD/TDD	FDD/TDD	FDD/TDD	FDD/TDD	FDD/TDD
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 >	Average	Average	Average	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	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		Off, 10 (*)				
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	0.22	0.22	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	5MHz	5MHz	5MHz	5MHz	5MHz	5MHz
Sweep Time		Auto (*)				
Res BW	Auto (47 kHz)	Auto (47 kHz)	Auto (47 kHz)	Auto (47 kHz)	Auto (47 kHz)	Auto (47 kHz)
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center
Offset/Limit A >						
Start Freq	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	50 kHz, On	15 kHz, On
Stop Freq	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	985 kHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-5.50 dBm	-5.50 dBm	-28.50 dBm	-34.50 dBm	-34.50 dBm	-15.00 dBm
Limits > Abs Stop	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.3-1
5 MHz SEM p.2 (MS)	SEM_MS_5MHz_ E-UTRA.mask	SEM_MS_5MHz_ Add_NS03.mask	SEM_MS_5MHz_ Add_NS04.mask	SEM_MS_5MHz_ Add_NS06-07.mask
Mode >				
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	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	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	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	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	5MHz	5MHz	5MHz	5MHz
Sweep Time	Auto (*)			
Res BW	Auto (47 kHz)	Auto (47 kHz)	Auto (47 kHz)	Auto (47 kHz)
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto
Power Ref	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	985.0 kHz	985.0 kHz	985.0 kHz	85.0 kHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-13.50 dBm	-13.50 dBm	-13.50 dBm	-13.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	5.50 MHz	4.50 MHz	950 kHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-8.50 dBm	-11.50 dBm	-11.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-11.50 dBm	-23.50 dBm	-23.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	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	9.50 MHz	20.00 MHz	20.00 MHz	9.50 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	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	20.00 MHz	30.00 MHz	30.00 MHz	20.00 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
	(*) When pressing "Meas Preset" key.			

	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
10 MHz SEM p.1 (BTS)	SEM_BS_10MHz_ above1GHz_CatA.mask	SEM_BS_10MHz_ above1GHz_CatB.mask	SEM_BS_10MHz_ Local.mask	SEM_BS_10MHz_ Home20P2.mask	SEM_BS_10MHz_ Home2P.mask	SEM_BS_10MHz_ Add_above1GHz.mask
Mode >						
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 >	Average	Average	Average	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	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		Off, 10 (*)				
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	0.22	0.22	0.22
Ref Channel >						
Integ BW	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz	9.015 MHz
Span	10 MHz	10 MHz	10 MHz	10 MHz	10 MHz	10 MHz
Sweep Time		Auto (*)				
Res BW	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	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	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	950 kHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-5.50 dBm	-5.50 dBm	-28.50 dBm	-34.50 dBm	-34.50 dBm	-13.00 dBm
Limits > Abs Stop	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	TS36.521-1 v.9.1.0 Table 6.6.2.2.5.3-1
10 MHz SEM p.2 (MS)	SEM_MS_10MHz_ E-UTRA.mask	SEM_MS_10MHz_ Add_NS03.mask	SEM_MS_10MHz_ Add_NS04.mask	SEM_MS_10MHz_ Add_NS06-07.mask
Mode >				
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	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	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	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	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	Auto (*)			
Res BW	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)	Auto (91 kHz)
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto
Power Ref	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, On	15.00 kHz, On	15.00 kHz, On	15.00 kHz, On
Stop Freq	985.0 kHz	985.0 kHz	985.0 kHz	85.0 kHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-16.50 dBm	-16.50 dBm	-16.50 dBm	-16.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 100 kHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-8.50 dBm	-11.50 dBm	-11.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
Offset/Limit C >				
Start Freq	5.50 MHz, On	10.50 MHz, On	5.50 MHz, On	1.50 MHz, On
Stop Freq	9.50 MHz	14.50 MHz	14.50 MHz	9.50 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-11.50 dBm	-23.50 dBm	-23.50 dBm	-11.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
Offset/Limit E >				
Start Freq	15.00 MHz, Off	20.00 MHz, Off	20.00 MHz, Off	15.00 MHz, Off
Stop Freq	20.00 MHz	30.00 MHz	30.00 MHz	20.00 MHz
Sweep Time	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	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	Auto (*)			
Offset Side	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-23.50 dBm	-23.50 dBm	-23.50 dBm	-23.50 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute
	(*) When pressing "Meas Preset" key.			

	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
15 MHz SEM p.1 (BTS)	SEM_BS_15MHz_ above1GHz_CatA.mask	SEM_BS_15MHz_ above1GHz_CatB.mask	SEM_BS_15MHz_ Local.mask	SEM_BS_15MHz_ Home20P2.mask	SEM_BS_15MHz_ Home2P.mask	SEM_BS_15MHz_ Add_above1GHz.mask
Mode >						
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 >	Average	Average	Average	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	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		Off, 10 (*)				
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	0.22	0.22	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	15 MHz	15 MHz	15 MHz	15 MHz	15 MHz	15 MHz
Sweep Time		Auto (*)				
Res BW	Auto (150 kHz)	Auto (150 kHz)	Auto (150 kHz)	Auto (150 kHz)	Auto (150 kHz)	Auto (150 kHz)
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	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	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	950 kHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-5.50 dBm	-5.50 dBm	-28.50 dBm	-34.50 dBm	-34.50 dBm	-15.00 dBm
Limits > Abs Stop	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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 >			
Mode Setup >			
Direction	Uplink	Uplink	Uplink
Meas >			
View/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Trace/Detector >	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)
BW >			
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	Off, 10 (*)		
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	13.50 MHz	13.50 MHz	13.50 MHz
Span	15.00 MHz	15.00 MHz	15.00 MHz
Sweep Time	Auto (*)		
Res BW	Auto (150 kHz)	Auto (150 kHz)	Auto (150 kHz)
Video BW	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center
Offset/Limit A >			
Start Freq	15.00 kHz, On	15.00 kHz, On	15.00 kHz, On
Stop Freq	985.0 kHz	985.0 kHz	985.0 kHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-18.50 dBm	-18.50 dBm	-18.50 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
Offset/Limit B >			
Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On
Stop Freq	4.50 MHz	14.50 MHz	4.50 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-8.50 dBm	-11.50 dBm	-11.50 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
Offset/Limit C >			
Start Freq	5.50 MHz, On	15.50 MHz, On	5.50 MHz, On
Stop Freq	14.50 MHz	19.50 MHz	19.50 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-11.50 dBm	-23.50 dBm	-23.50 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
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	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-23.50 dBm	-23.50 dBm	-23.50 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
Offset/Limit E >			
Start Freq	20.00 MHz, Off	25.00 MHz, Off	25.00 MHz, Off
Stop Freq	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-23.50 dBm	-23.50 dBm	-23.50 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
Offset/Limit F >			
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	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-23.50 dBm	-23.50 dBm	-23.50 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
	(*) When pressing "Meas Preset" key.		

	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
20 MHz SEM p.1 (BTS)	SEM_BS_20MHz_ above1GHz_CatA.mask	SEM_BS_20MHz_ above1GHz_CatB.mask	SEM_BS_20MHz_ Local.mask	SEM_BS_20MHz_ Home20P2.mask	SEM_BS_20MHz_ Home2P.mask	SEM_BS_20MHz_ Add_above1GHz.mask
Mode >						
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 >	Average	Average	Average	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	Auto (Peak)	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		Off, 10 (*)				
Meas Type	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref	Total Power Ref
Method	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW	Integ BW
Filter Alpha	0.22	0.22	0.22	0.22	0.22	0.22
Ref Channel >						
Integ BW	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz	18.015 MHz
Span	20 MHz	20 MHz	20 MHz	20 MHz	20 MHz	20 MHz
Sweep Time		Auto (*)				
Res BW	Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center	Edge to Center	Edge to Center	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	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	5.050 MHz	950 kHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz	Man, 51 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-5.50 dBm	-5.50 dBm	-28.50 dBm	-34.50 dBm	-34.50 dBm	-16.00 dBm
Limits > Abs Stop	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.05 MHz	10.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 100 kHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-12.50 dBm	-12.50 dBm	-35.50 dBm	-40.50 dBm	-40.50 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	0 dB	0 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Absolute	Absolute	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	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz	15.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-13.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz	30.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz	50.00 MHz
Sweep Time		Auto (*)				
Offset Side	Both	Both	Both	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 100kHz	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
Meas BW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW	1 xResBW
Video BW	Auto	Auto	Auto	Auto	Auto	Auto
VBW/RBW	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01	Man, 0.01
Limits > Abs Start	-15.0 dBm	-15.0 dBm	-37.00 dBm	-50.0 dBm	-50.0 dBm	-13.00 dBm
Limits > Abs Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Rel Start	0 dB	0 dB	0 dB	-52.00 dB	-52.00 dB	0 dB
Limits > Rel Stop	Auto	Auto	Auto	Auto	Auto	Auto
Limits > Fail Mask	Absolute	Absolute	Absolute	Relative	Absolute	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
20 MHz SEM p.2 (MS)	SEM_MS_20MHz_ E-UTRA.mask	SEM_MS_20MHz_ Add_NS03.mask	SEM_MS_20MHz_ Add_NS04.mask
Mode >			
Mode Setup >			
Direction	Uplink	Uplink	Uplink
Meas >			
View/Display >	Abs Pwr Freq	Abs Pwr Freq	Abs Pwr Freq
Trace/Detector >	Average	Average	Average
Chan Detector	Auto (Average)	Auto (Average)	Auto (Average)
Offset Detector	Auto (Peak)	Auto (Peak)	Auto (Peak)
BW >			
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	Off, 10 (*)		
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	18.00 MHz	18.00 MHz	18.00 MHz
Span	20.00 MHz	20.00 MHz	20.00 MHz
Sweep Time	Auto (*)		
Res BW	Auto (180 kHz)	Auto (180 kHz)	Auto (180 kHz)
Video BW	Auto	Auto	Auto
VBW/RBW	Auto	Auto	Auto
Power Ref	Auto	Auto	Auto
Offset/Limits > Freq Define	Edge to Center	Edge to Center	Edge to Center
Offset/Limit A >			
Start Freq	15.00 kHz, On	15.00 kHz, On	15.00 kHz, On
Stop Freq	985.0 kHz	985.0 kHz	985.0 kHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 15 kHz	Man, 15 kHz	Man, 15 kHz
Meas BW	2 xResBW	2 xResBW	2 xResBW
Video BW	Auto	Auto	Auto
VBW/RBW	Man, 0.02	Man, 0.02	Man, 0.02
Limits > Abs Start	-19.50 dBm	-19.50 dBm	-19.50 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
Offset/Limit B >			
Start Freq	1.50 MHz, On	1.50 MHz, On	1.50 MHz, On
Stop Freq	4.50 MHz	19.50 MHz	4.50 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-8.50 dBm	-11.50 dBm	-11.50 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
Offset/Limit C >			
Start Freq	5.50 MHz, On	20.50 MHz, On	5.50 MHz, On
Stop Freq	19.50 MHz	24.50 MHz	24.50 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-11.50 dBm	-23.50 dBm	-23.50 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
Offset/Limit D >			
Start Freq	20.50 MHz, On	25.00 MHz, Off	25.00 MHz, Off
Stop Freq	24.50 MHz	30.00 MHz	30.00 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-23.50 dBm	-23.50 dBm	-23.50 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
Offset/Limit E >			
Start Freq	25.00 MHz, Off	30.00 MHz, Off	30.00 MHz, Off
Stop Freq	30.00 MHz	35.00 MHz	35.00 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-23.50 dBm	-23.50 dBm	-23.50 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
Offset/Limit F >			
Start Freq	30.00 MHz, Off	35.00 MHz, Off	35.00 MHz, Off
Stop Freq	40.00 MHz	40.00 MHz	40.00 MHz
Sweep Time	Auto (*)		
Offset Side	Both	Both	Both
Res BW	Man, 1 MHz	Man, 1 MHz	Man, 1 MHz
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	-23.50 dBm	-23.50 dBm	-23.50 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
	(*) When pressing "Meas Preset" key.		