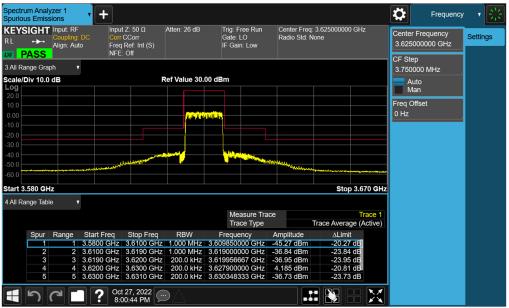


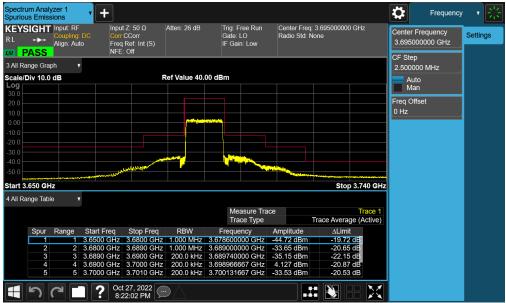
Plot 7-113. Channel Edge Plot (LTE Band 48 - 10MHz QPSK - Low Channel)



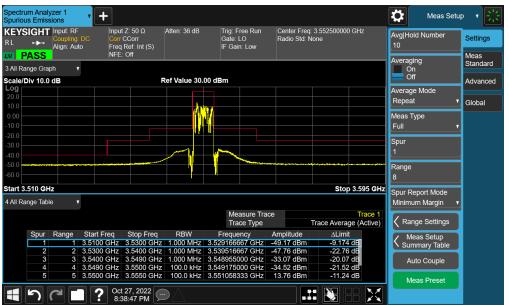
Plot 7-114. Channel Edge Plot (LTE Band 48 - 10MHz QPSK - Mid Channel)

FCC ID: A3LSMS918U		PART 96 MEASUREMENT REPORT				
Test Report S/N:	Test Dates:	EUT Type:	Page 81 of 143			
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Fage 01 01 145			
© 2022 ELEMENT V11.0 9/1						





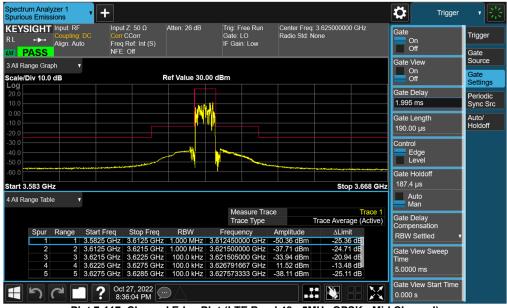
Plot 7-115. Channel Edge Plot (LTE Band 48 - 10MHz QPSK - High Channel)



Plot 7-116. Channel Edge Plot (LTE Band 48 - 5MHz QPSK - Low Channel)

FCC ID: A3LSMS918U		Approved by: Technical Manager			
Test Report S/N:	Test Dates:	EUT Type:	Dega 92 of 142		
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Page 82 of 143		
© 2022 ELEMENT					





Plot 7-117. Channel Edge Plot (LTE Band 48 - 5MHz QPSK - Mid Channel)

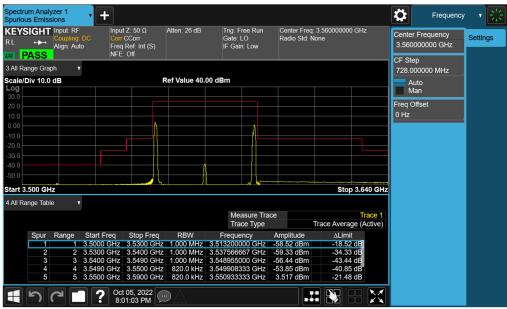


Plot 7-118. Channel Edge Plot (LTE Band 48 - 5MHz QPSK - High Channel)

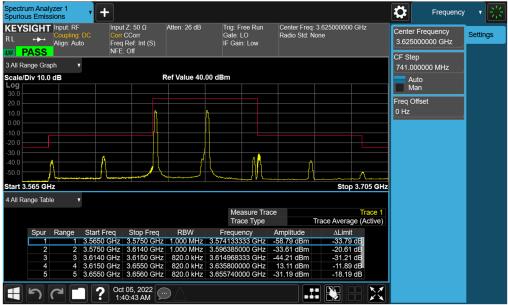
FCC ID: A3LSMS918U		PART 96 MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Dega 92 of 142		
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Page 83 of 143		
© 2022 ELEMENT		•	V11.0 9/14/2022		



## ULCA LB48



Plot 7-119. Channel - Ant G Edge Plot (LTE Band 48 – 20+20MHz QPSK - Low Channel)



Plot 7-120. Channel - Ant G Edge Plot (LTE Band 48 – 20+20MHz QPSK - Mid Channel)

FCC ID: A3LSMS918U		PART 96 MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Dage 94 of 142		
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Page 84 of 143		
© 2022 ELEMENT			V11.0 9/14/2022		



Co	put: RF pupling: DC ign: Auto	Input Z Corr CC Freq Re NFE: C	Corr ef: Int (S)	Atten: 26 dB	Trig: Free Gate: LO IF Gain: L		Center Freq Radio Std: N	: 3.690000000 None	GHz	Center Fr 3.690000 CF Step	equency 1000 GHz	Settings
II Range Graph	•									728.0000	00 MHz	
ale/Div 10.0 dE	3		F	Ref Value 40.00	0 dBm					Auto		
<b>g</b>										Man		
.0						7				Freq Offs 0 Hz	et	
0.0										0112		
0.0						<u>م</u>						
.0												
0.0												
0.0				+								
0.0		مال ومعطو الملكة المريد مراجع										
rt 3.610 GHz								Stop	3.750 GHz			
II Range Table	•											
					Measu	re Trace			Trace 1			
					Trace	Гуре		Trace Average	e (Active)			
Spur Ra			Stop Freq	RBW	Frequency		mplitude	∆Limit				
1				1.000 MHz				-31.37 (				
2				1.000 MHz				-31.01				
				820.0 kHz 3				-31.91 (				
4	4 3.66						.202 UDIII	=32.20				

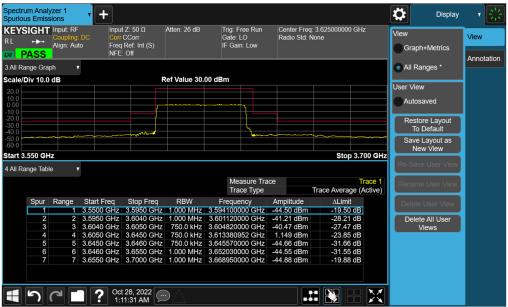
Plot 7-121. Channel - Ant G Edge Plot (LTE Band 48 – 20+20MHz QPSK - High Channel)

FCC ID: A3LSMS918U		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dege 95 of 142
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Page 85 of 143
© 2022 ELEMENT	·	•	V11.0 9/14/2022



## NR Band n48 – Ant G

(	nput: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	Atten: 26 dB	Trig: Free Run Gate: LO IF Gain: Low	Center Freq: Radio Std: N	3.570000000 GHz lone	View Graph+Metrics	View
All Range Graph	n <b>v</b>						All Ranges *	Annota
ale/Div 10.0 d			Ref Value 30.	00 dBm			- ·	
0.0							User View	
0.0							Autosaved	
).0 ).0 ).0							Restore Layout To Default	
							Save Layout as New View	
art 3.510 GHz						Stop 3.640 GHz		
All Range Table							Re-Save User View	
				Measure Trac	Ye	Trace 1		
				Trace Type		Trace Average (Active)	Rename User View	
Spur F	Range Sta	rt Freg Stop Freg	RBW	Frequency	Amplitude	∆Limit	Delete Liser View	
Spur F		rt Freq Stop Freq 00 GHz 3.5300 GH			Amplitude -45.09 dBm	∆Limit -5.091 dB	Delete User View	
1 2	1 3.51 2 3.53	00 GHz 3.5300 GH 00 GHz 3.5400 GH	z 1.000 MHz z 1.000 MHz	3.525600000 GHz 3.540000000 GHz	-45.09 dBm -44.36 dBm	-5.091 dB -19.36 dB	Delete User View Delete All User	
1 2 3	1 3.51 2 3.53 3 3.54	00 GHz 3.5300 GH 00 GHz 3.5400 GH 00 GHz 3.5490 GH	z 1.000 MHz z 1.000 MHz z 1.000 MHz	3.525600000 GHz 3.540000000 GHz 3.548820000 GHz	-45.09 dBm -44.36 dBm -40.21 dBm	-5.091 dB -19.36 dB -27.21 dB		
1 2 3 4	1 3.51 2 3.53 3 3.54 4 3.54	00 GHz 3.5300 GH 00 GHz 3.5400 GH 00 GHz 3.5490 GH 90 GHz 3.5500 GH	z 1.000 MHz z 1.000 MHz z 1.000 MHz z 750.0 kHz	3.525600000 GHz 3.540000000 GHz 3.548820000 GHz 3.549360000 GHz	-45.09 dBm -44.36 dBm -40.21 dBm -36.64 dBm	-5.091 dB -19.36 dB -27.21 dB -23.64 dB	Delete All User	
- 1 2 3 4 5	1 3.51 2 3.53 3 3.54 4 3.54 5 3.55	00 GHz 3.5300 GH 00 GHz 3.5400 GH 00 GHz 3.5490 GH 90 GHz 3.5500 GH 00 GHz 3.5900 GH	z 1.000 MHz z 1.000 MHz z 1.000 MHz z 750.0 kHz z 750.0 kHz	3.525600000 GHz 3.540000000 GHz 3.548820000 GHz 3.549360000 GHz 3.585047619 GHz	-45.09 dBm -44.36 dBm -40.21 dBm -36.64 dBm 1.801 dBm	-5.091 dB -19.36 dB -27.21 dB -23.64 dB -23.20 dB	Delete All User	
- 2 3 4 5 6	1 3.51 2 3.53 3 3.54 4 3.54 5 3.55 6 3.59	00 GHz 3.5300 GH 00 GHz 3.5400 GH 00 GHz 3.5490 GH 90 GHz 3.5500 GH 00 GHz 3.5900 GH 00 GHz 3.5910 GH	z 1.000 MHz z 1.000 MHz z 1.000 MHz z 750.0 kHz z 750.0 kHz z 750.0 kHz z 750.0 kHz	3.525600000 GHz 3.540000000 GHz 3.548820000 GHz 3.549360000 GHz 3.585047619 GHz 3.590100000 GHz	-45.09 dBm -44.36 dBm -40.21 dBm -36.64 dBm 1.801 dBm -43.71 dBm	-5.091 dB -19.36 dB -27.21 dB -23.64 dB -23.20 dB -30.71 dB	Delete All User	
- 2 3 4 5 6 7	1 3.51 2 3.53 3 3.54 4 3.54 5 3.55 6 3.59 7 3.59	00 GHz 3.5300 GH   00 GHz 3.5400 GH   00 GHz 3.5490 GH   90 GHz 3.5500 GH   00 GHz 3.5900 GH   00 GHz 3.5901 GH   00 GHz 3.5910 GH   100 GHz 3.5910 GH   100 GHz 3.6000 GH	z 1.000 MHz z 1.000 MHz z 1.000 MHz z 750.0 kHz z 750.0 kHz z 750.0 kHz z 1.000 MHz	3.525600000 GHz 3.540000000 GHz 3.548820000 GHz 3.549360000 GHz 3.585047619 GHz 3.590100000 GHz 3.591810000 GHz	-45.09 dBm -44.36 dBm -40.21 dBm -36.64 dBm 1.801 dBm -43.71 dBm -42.87 dBm	-5.091 dB -19.36 dB -27.21 dB -23.64 dB -23.20 dB -30.71 dB -29.87 dB	Delete All User	
- 2 3 4 5 6	1 3.51 2 3.53 3 3.54 4 3.54 5 3.55 6 3.59 7 3.59	00 GHz 3.5300 GH   00 GHz 3.5400 GH   00 GHz 3.5490 GH   90 GHz 3.5500 GH   00 GHz 3.5900 GH   00 GHz 3.5901 GH   00 GHz 3.5910 GH   100 GHz 3.5910 GH   100 GHz 3.6000 GH	z 1.000 MHz z 1.000 MHz z 1.000 MHz z 750.0 kHz z 750.0 kHz z 750.0 kHz z 1.000 MHz	3.525600000 GHz 3.540000000 GHz 3.548820000 GHz 3.549360000 GHz 3.585047619 GHz 3.590100000 GHz	-45.09 dBm -44.36 dBm -40.21 dBm -36.64 dBm 1.801 dBm -43.71 dBm -42.87 dBm	-5.091 dB -19.36 dB -27.21 dB -23.64 dB -23.20 dB -30.71 dB	Delete All User	



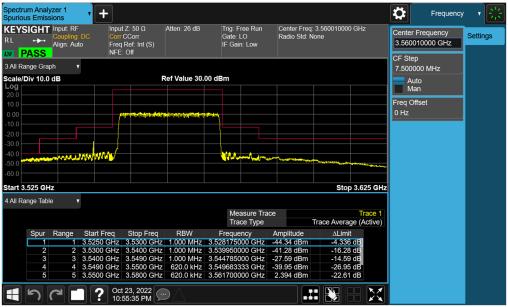
Plot 7-123. Channel Edge Plot (NR Band n48 - 40MHz QPSK - Mid Channel – Ant G)

FCC ID: A3LSMS918U		PART 96 MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 86 of 143		
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Page 60 01 145		
© 2022 ELEMENT	· · · ·		V11.0 9/14/2022		



	ut: RF upling: I gn: Auto	DC Cor	ut Z: 50 Ω r CCorr q Ref: Int (S) Ξ: Off	Atten: 26 dB	Trig: Free Run Gate: LO IF Gain: Low	Center Freq Radio Std: N	: 3.679980000 GHz None		View Graph+Metrics	View Annotatio
ll Range Graph	v								All Ranges *	Annotation
ale/Div 10.0 dB				Ref Value 40.	00 dBm				User View	
.0										
.0									Autosaved	
.0									Restore Layout To Default	
.0						4			Save Layout as	
rt 3.610 GHz							Stop 3.76	60 GHz	New View	
II Range Table	v								Re-Save User View	
					Measure Tra	ice	Tr	ace 1	Rename User View	
					Trace Type		Trace Average (A	ctive)	Rename User view	
Spur Ra	nge	Start Freq	Stop Freq	RBW	Frequency	Amplitude	∆Limit		Delete User View	
1					3.649200000 GHz		-17.87 dB			
2					3.650360000 GHz		-22.63 dB		Delete All User	
3					3.659900000 GHz		-28.39 dB		Views	
4					3.695047619 GHz 3.700110000 GHz	0.892 dBm -39.81 dBm	-24.11 dB -26.81 dB			
6							-26.72 dB			
7					3.713600000 GHz		-10.54 dB			
					3.726400000 GHz		-2.404 dB			
8										

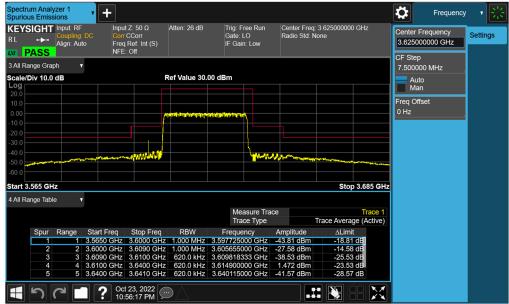
Plot 7-124. Channel Edge Plot (NR Band n48 - 40MHz QPSK - High Channel – Ant G)



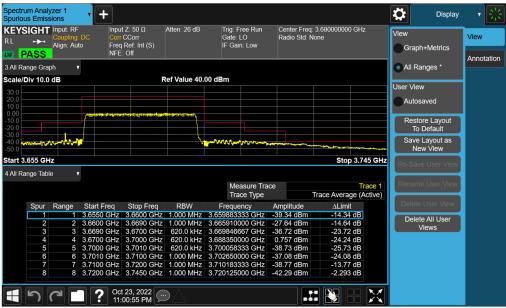
Plot 7-125. Channel Edge Plot (NR Band n48 - 30MHz QPSK - Low Channel – Ant G)

FCC ID: A3LSMS918U		PART 96 MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Dege 97 of 142		
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Page 87 of 143		
© 2022 ELEMENT					





Plot 7-126. Channel Edge Plot (NR Band n48 - 30MHz QPSK - Mid Channel – Ant G)



Plot 7-127. Channel Edge Plot (NR Band n48 - 30MHz QPSK - High Channel – Ant G)

FCC ID: A3LSMS918U		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Daga 99 of 142
1M2209010098-12.A3L	09/06/2022 - 11/16/2022	Portable Handset	Page 88 of 143
© 2022 ELEMENT	•		V11.0 9/14/2022