

KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A₩₩₩₩₩ A N N N N N	Center Frequency 3.520000000 GHz Span	Settings
Spectrum cale/Div 10 dB	۲		Ref Level 25.00 dE	Bm	Mkr1 3	3.529 462 GHz -50.019 dBm	19.0000000 MHz	J
5.0			Ĭ				Zero Span Full Span	
00							Start Freq 3.510500000 GHz	
							Stop Freq 3.529500000 GHz	
							AUTO TUNE	
							CF Step 1.900000 MHz	L
						DL1 -40.00 dBm	Man Freq Offset 0 Hz	
							X Axis Scale Log	
5.0	and a start and a start of the st	Annal Hardal 11 Calassi Manada a Consing	en and a far with the spin an april	مىيەرىمەر مەرىيەر مەرىيەر مەرەپىرى مەرەپىرى مەرەپىرى مەرەپىرى مەرەپىرى مەرەپىرى مەرەپىرى مەرەپىرى مەرەپىرى مەر			Lin Signal Track (Span Zoom)	
5.0							On Off	
art 3.510500 GHz Res BW 1.0 MHz			#Video BW 3.0 MH	lz		Stop 3.529500 GHz 500 ms (1001 pts)		

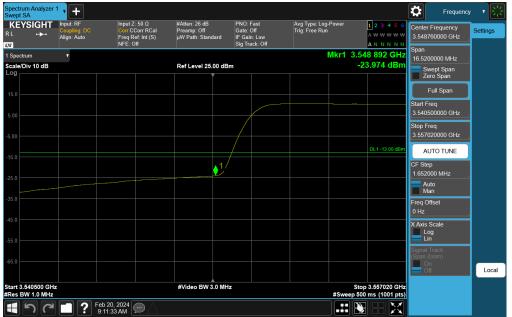
Plot 7-231. Channel Edge Plot (NR Band n48 - 10MHz DFT-s-OFDM QPSK - Low Channel)

Spectrum Analyzer ' Swept SA							Frequenc	y 1
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A ₩ ₩ ₩ ₩ ₩ A N N N N N	Center Frequency 3.535000000 GHz Span	Settings
Spectrum	v				Mkr1	3.539 446 GHz	9.00000000 MHz	
cale/Div 10 dB			Ref Level 25.00 dE	m		-33.625 dBm	Swept Span	
og			Ť				Zero Span	
5.0							Full Span	
							Start Freq	
							3.530500000 GHz	
							Stop Freq	1
							3.539500000 GHz	
							AUTO TUNE	
							CF Step	
						DL1-25.00 dBm	900.000 kHz	
						1.	Auto	
5.0							Man	
							Freq Offset 0 Hz	
5.0							1	
							X Axis Scale Log	
							Lin	
							Signal Track (Span Zoom)	
							On	
							- Off	Local
tart 3.530500 GHz Res BW 1.0 MHz	:		#Video BW 3.0 M⊦	z	#Swe	Stop 3.539500 GHz p 500 ms (1001 pts)		
150	7 Fet 9:	20, 2024						

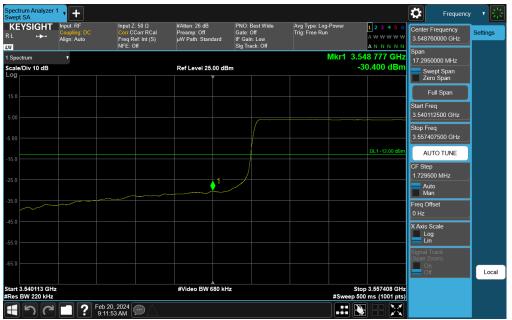
Plot 7-232. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 134 of 233
1C2311270064-15-R1.BCG 10/01/2023-03/06/2024 T		Tablet Device	Fage 134 01 233
	·		V2.2 09/07/2023





Plot 7-233. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)



Plot 7-234. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 135 of 233	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 155 01 255	
	·		V2.2 09/07/2023	





Plot 7-235. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)



Plot 7-236. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 136 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 130 01 233
			V2.2 09/07/2023



pectrum Analyzer wept SA KEYSIGHT	Input: RF	Input Ζ: 50 Ω	#Atten: 26 dB	PNO: Fast	Avg Type: Log-Power	1 2 3 4 5 6	Frequenc	y ' <mark> </mark>
	Coupling: DC Align: Auto	Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Preamp: Off µW Path: Standard	Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run		Center Frequency 3.592500000 GHz	Settings
Spectrum			I		Mkr1	3.580 548 GHz	Span 24.0000000 MHz	
ale/Div 10 dB			Ref Level 25.00 dE	Sm		-39.061 dBm	Swept Span	
pg							Zero Span	
5.0							Full Span	
							Start Freq 3.580500000 GHz	1
00							Stop Freq	
							3.604500000 GHz	
5.0							AUTO TUNE	
							CF Step	1
						DL1-25.00 dBm	2.400000 MHz	
4							Man	
1							Freq Offset 0 Hz	1
							X Axis Scale	1
.0							Log Lin	
							Signal Track	
							(Span Zoom)	
							Off	Local
art 3.58050 GHz es BW 1.0 MHz			#Video BW 3.0 MH	lz	#Swee	Stop 3.60450 GHz p 500 ms (1001 pts)		
1 6 7	Fet ? 9:1	20, 2024						

Plot 7-237. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Low Channel)

ipectrum Analyzer 1 wept SA							Frequenc	y 🕇 🛃
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A W W W W W A N N N N N	Center Frequency 3.592500000 GHz	Settings
Spectrum					Mkr1	3.606 942 GHz	Span 29.0000000 MHz	
ale/Div 10 dB			Ref Level 25.00 dE	im		-32.645 dBm	Swept Span	
og			Ť				Zero Span	
5.0							Full Span	
							Start Freq	1
							3.578000000 GHz	
							Stop Freq	1
							3.607000000 GHz	
5.0							AUTO TUNE	
5.0							CF Step	
5.0						DL1-25.00 dBm	2.900000 MHz	
						1	Auto Man	
							Freg Offset	
							0 Hz	
							X Axis Scale	1
5.0							Log Lin	
							Signal Track	
							(Span Zoom) On	
							- Off	Local
art 3.57800 GHz les BW 1.0 MHz			#Video BW 3.0 MH	lz	#Swee	Stop 3.60700 GHz p 500 ms (1001 pts)		
1 5 7	Feb	20, 2024						

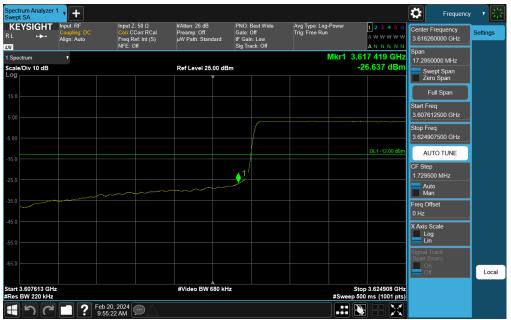
Plot 7-238. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 137 of 233	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 137 01 233	
<u></u>			V2.2 09/07/2023	





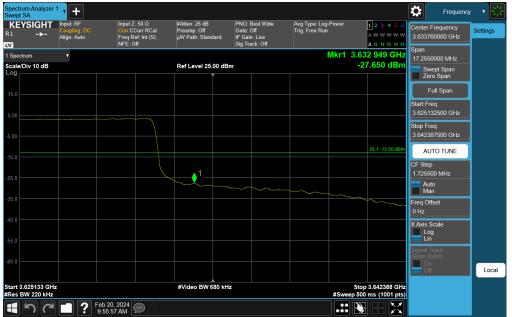
Plot 7-239. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)



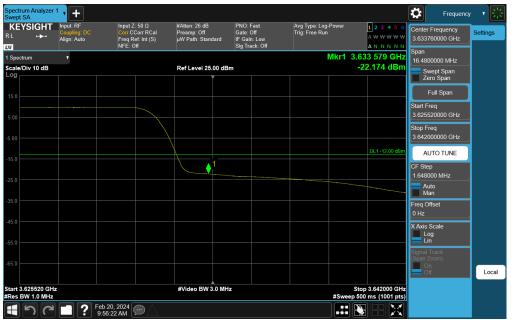
Plot 7-240. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 138 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 130 01 233
<u></u>			V2.2 09/07/2023





Plot 7-241. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)



Plot 7-242. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 139 of 233	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 139 01 233	
	·		V2.2 09/07/2023	



Wept SA KEYSIGHT RL +→+ M	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A \vee vee vee vee vee vee vee vee vee ve	Frequenc Center Frequency 3.657500000 GHz	Settings
Spectrum	T				Mkr1	3.643 203 GHz -33.544 dBm	Span 29.0000000 MHz	1
cale/Div 10 dB			Ref Level 25.00 dE	3m		-33.544 dBm	Swept Span Zero Span	
5.0							Full Span	
.00							Start Freq 3.643000000 GHz	
							Stop Freq 3.672000000 GHz	
5.0							AUTO TUNE	
5.0						DL1-25.00 dBm	CF Step 2.900000 MHz	
5.0							Auto Man	
							Freq Offset 0 Hz	
5.0							X Axis Scale Log Lin	1
							Signal Track (Span Zoom)	1
							On Off	Local
art 3.64300 GHz Res BW 1.0 MHz			#Video BW 3.0 MH	lz	#Swe	Stop 3.67200 GHz p 500 ms (1001 pts)		
1 らる	Feb ? Feb	20, 2024						

Plot 7-243. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - Mid Channel)

Spectrum Analyzer Swept SA							Frequenc	/ • 🔀
KEYSIGHT RL +►+ ₩	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A W W W W W A N N N N N	Center Frequency 3.660000000 GHz Span	Settings
1 Spectrum Scale/Div 10 dB	۲		Ref Level 25.00 dE	im	Mkr1	3.674 094 GHz -32.878 dBm	29.0000000 MHz	
-og			Ĭ				Zero Span Full Span	
							Start Freq 3.645500000 GHz	
							Stop Freq 3.674500000 GHz	
							AUTO TUNE CF Step	
						DL1-25.00 dBm	2.900000 MHz	
							Man Freq Offset 0 Hz	
							X Axis Scale Log	
							Lin Signal Track (Span Zoom)	
							On Off	Local
tart 3.64550 GHz Res BW 1.0 MHz			#Video BW 3.0 MH	z	#Swee	Stop 3.67450 GHz p 500 ms (1001 pts)		
1って	Fel ? 10	b 20, 2024 :49:56 AM						

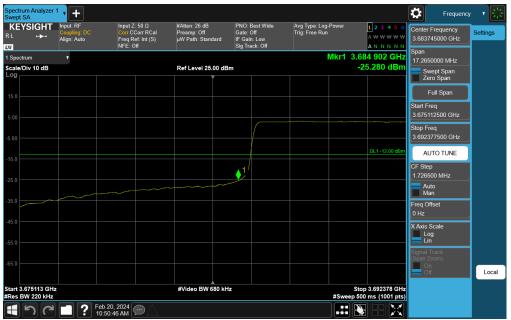
Plot 7-244. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 140 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 140 01 233
	·		V2.2 09/07/2023





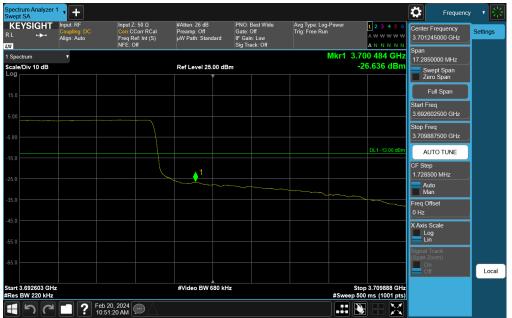
Plot 7-245. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)



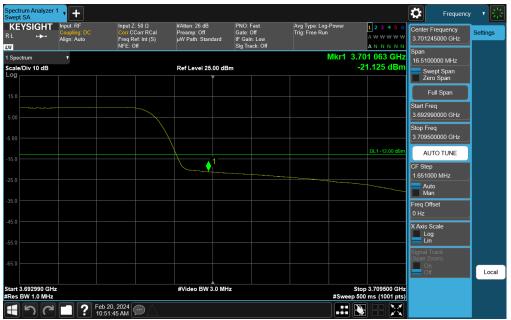
Plot 7-246. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 141 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 141 01 255
<u></u>			V2.2 09/07/2023





Plot 7-247. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)



Plot 7-248. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 142 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 142 01 233
			V2.2 09/07/2023



Swept SA	Input: RF Coupling: DC	Input Ζ: 50 Ω Corr CCorr RCal	#Atten: 26 dB Preamp: Off	PNO: Fast Gate: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6	Center Frequency	Settings
	Align: Auto	Freq Ref: Int (S) NFE: Off	µW Path: Standard	IF Gain: Low Sig Track: Off		A N N N N N	3.715000000 GHz	
Spectrum	•				Mkr1	3.710 545 GHz	Span 9.00000000 MHz	
ale/Div 10 dB			Ref Level 25.00 dE	lm		-32.992 dBm	Swept Span Zero Span	
							Full Span	
							Start Freq	
							3.710500000 GHz	
.00							Stop Freq 3.719500000 GHz	
							AUTO TUNE	
							CF Step	
5.0						DL1 -25.00 dBm	900.000 kHz	
							Auto Man	
5.0							Freq Offset 0 Hz	1
							X Axis Scale	
							Log Lin	
							Signal Track (Span Zoom)	
5.0							On Off	Local
	:		#Video BW 3.0 MH	lz	#Swe	Stop 3.719500 GHz		
-65.0 Start 3.710500 GHa #Res BW 1.0 MHz		0 20, 2024 💬	#Video BW 3.0 MH	Iz	#Swe	ep 500 ms (1001 pts)	(Span Zoom) On	

Plot 7-249. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

Spectrum Analyzer Swept SA									Frequenc	y 1 2
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 s Corr CCorr I Freq Ref: In NFE: Off	Cal Preamp:		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Po Trig: Free Run	A ¥	234 56 V W W W W N N N N N	Center Frequency 3.730000000 GHz Span	Settings
Spectrum	•					M	(r1 3.720 !		Span 19.0000000 MHz	
cale/Div 10 dB			Ref Lev	vel 25.00 dB	m		-42.2	21 dBm	Swept Span	
-9				Ĭ					Zero Span	
									Full Span	
									Start Freq	1
									3.720500000 GHz	
									Stop Freq 3.739500000 GHz	
									3.739500000 GH2	
5.0									AUTO TUNE	
									CF Step	1
									1.900000 MHz	
									Man	
1.5.0							DL	1 -40.00 dBm	Freq Offset	1
5.0									0 Hz	
									X Axis Scale Log	
									Lin	
									Signal Track (Span Zoom)	
									On	
									Off Off	Local
art 3.720500 GHz Res BW 1.0 MHz			#Video	BW 3.0 MH	z	#	Stop 3.7 Sweep 500 ms	39500 GHz (1001 pts)		
150	Feb ? Feb	20, 2024								

Plot 7-250. Channel Edge Plot (NR Band n48 - 15MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 143 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 143 01 233
			V2.2 09/07/2023



KEYSIGHT └ ·►·· I	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A₩₩₩₩₩ A N N N N N	Center Frequency 3.520000000 GHz Span	Settings
spectrum ale/Div 10 dB	Ŧ		Ref Level 25.00 d	Bm	Mkr1 3	3.529 082 GHz -48.510 dBm	19.0000000 MHz	1
g 			Ĭ				Zero Span Full Span	
00							Start Freq 3.510500000 GHz	
							Stop Freq 3.529500000 GHz	
							AUTO TUNE	
							CF Step 1.900000 MHz	1
							Man Freq Offset	
						DL1 -40.00 dBm	0 Hz X Axis Scale	
.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				Log Lin	
							Signal Track (Span Zoom) On Off	
rt 3.510500 GH			#Video BW 3.0 M	Hz		Stop 3.529500 GHz 500 ms (1001 pts)		

Plot 7-251. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

Input 2: 50 Q Corr Corr Roal Freq Ref. Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type Log-Power Trig Free Run Mkr1 3	1 2 3 4 5 6 A W W W W W A N N N N N .539 455 GHz -38.325 dBm	Center Frequency 3.535000000 GHz Span 9.00000000 MHz 2ero Span Full Span Start Freq 3.530500000 GHz	Settings
		Sig Track: Off	Mkr1 3	<u>а n n n n n</u> .539 455 GHz	Span 9.00000000 MHz Swept Span Zero Span Full Span Start Freq	
	Ref Level 25.00 d	Bm	Mkr1 3		9 0000000 MHz Swept Span Zero Span Full Span Start Freq	
	Ref Level 25.00 d	Bm			Swept Span Zero Span Full Span Start Freq	
					Erro Span Full Span Start Freq	
					Start Freq	
					Start Freq	
					3.530500000 GHZ	
					Stop Freq	
					3.539500000 GHz	
				DI 4, 25,00 dDm		
				DE 1-25.00 (BIII		
				1.	Man	
					Freq Offset	
					L	
					Lin	
					Signal Track	
					On	
					- Off	
	#Video BW 3.0 M	Hz				
E 1 00 0001						
	Feb 02, 2024 8.32.45 AM	Feb 02, 2024	#Video BW 3.0 MHz Feb 02, 2024	#Sweep	#Sweep 500 ms (1001 pts)	Auto Auto Auto Freq Offset 0 Hz X Axis Scale Lon Signal Track (Span Zoom) On Off Offset 0 Hz X Axis Scale Lon Signal Track (Span Zoom) Offset Offset 0 Hz X Axis Scale Lon Signal Track (Span Zoom) Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Offset Of

Plot 7-252. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 144 of 233
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			V2.2 09/07/2023





Plot 7-253. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

KEYSIGHT Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A ₩ ₩ ₩ ₩ ₩ A N N N N N	Center Frequency 3.549997500 GHz	Settings
Spectrum v ale/Div 10 dB		Ref Level 25.00 dB	m	Mkr1 3	.549 348 GHz -34.213 dBm	Span 19.6950000 MHz	
5.0		Ĭ				Zero Span Full Span	
					···	Start Freq 3.540150000 GHz	
		/				Stop Freq 3.559845000 GHz	
5.0					DL1 -13.00 dBm	AUTO TUNE CF Step 1.969500 MHz	
5.0		↓ ¹				Auto Man	
5.0						Freq Offset 0 Hz	
						X Axis Scale Log Lin	
						Signal Track (Span Zoom) On Off	
art 3.540150 GHz es BW 300 kHz		#Video BW 910 kH	z		Stop 3.559845 GHz 500 ms (1001 pts)		

Plot 7-254. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 145 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 145 01 255
<u></u>			V2.2 09/07/2023





Plot 7-255. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)



Plot 7-256. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 146 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 140 01 233
			V2.2 09/07/2023



vept SA KEYSIGHT ∟ -►-	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S)	#Atten: 26 dB Preamp: Off µW Path: Standard		Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A ₩ ₩ ₩ ₩ ₩	Center Frequency 3.600000000 GHz	Settings
		NFE: Adaptive		Sig Track: Off		ANNNNN	Span	
Spectrum	•				Mkr1 3	.590 690 GHz	19.0000000 MHz	
ale/Div 10 dB			Ref Level 25.00	dBm		-46.928 dBm	Swept Span	
59			Ĭ				Zero Span	l
5.0							Full Span	
							Start Freq	
							3.590500000 GHz	
							Stop Freq	1
							3.609500000 GHz	
							AUTO TUNE	
							CF Step	
5.0						DL1-25.00 dBm	1.900000 MHz	
5.0							Auto	
5.0							Man	4
							Freq Offset 0 Hz	
5.0 1							L	4
			·····	·			X Axis Scale Log	
							Lin	
							Signal Track (Span Zoom)	
							On	
							Off Off	4
art 3.590500 GHz es BW 1.0 MHz			#Video BW 3.0	MHz		Stop 3.609500 GHz 500 ms (1001 pts)		

Plot 7-257. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Low Channel)

Spectrum Analyzer Swept SA							Frequency	· • 😤
KEYSIGHT RL +►+	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A₩₩₩₩₩ A N N N N N	Center Frequency 3.585000000 GHz Span	Settings
1 Spectrum	•				Mkr1 3	.594 481 GHz	19.0000000 MHz	
Scale/Div 10 dB			Ref Level 25.00 dB	lm		-43.770 dBm	Swept Span Zero Span	
15.0							Full Span	
							Start Freq 3.575500000 GHz	
							Stop Freq 3.594500000 GHz	
							AUTO TUNE	
						DL1-25.00 dBm	CF Step 1.900000 MHz	
							Auto Man	
-45.0						1	Freq Offset 0 Hz	
							X Axis Scale Log Lin	
							Signal Track (Span Zoom) On	
							Off	
Start 3.575500 GHz #Res BW 1.0 MHz			#Video BW 3.0 MH	z		Stop 3.594500 GHz 500 ms (1001 pts)		
1 7 7	Fel ? 9:	b 02, 2024 09:54 AM						

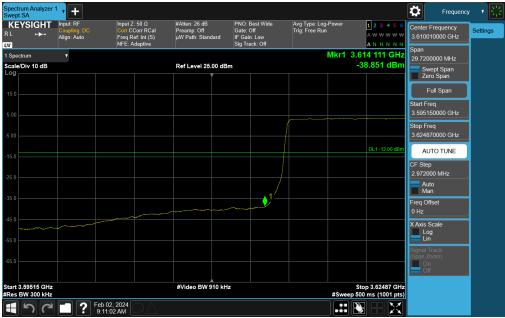
Plot 7-258. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 147 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 147 01 255
	-		V2.2 09/07/2023



KEYSIGHT └ •►• ₪	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A ₩ ₩ ₩ ₩ ₩ A N N N N N	Center Frequency 3.610010000 GHz	Settings
Spectrum cale/Div 10 dB			Ref Level 25.00 d	Bm	Mkr1	3.613 899 GHz -33.332 dBm	Span 29.0200000 MHz Swept Span	J
5.0							Zero Span Full Span	
							Start Freq 3.595500000 GHz	
							Stop Freq 3.624520000 GHz	
5.0						DL1-13.00 dBm	AUTO TUNE	
5.0				1			2.902000 MHz Auto Man	
5.0							Freq Offset 0 Hz	
							X Axis Scale Log Lin	
							Signal Track (Span Zoom) On Off	
art 3.59550 GHz es BW 1.0 MHz			#Video BW 3.0 M	Hz	#Swe	Stop 3.62452 GHz ep 500 ms (1001 pts)		

Plot 7-259. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)



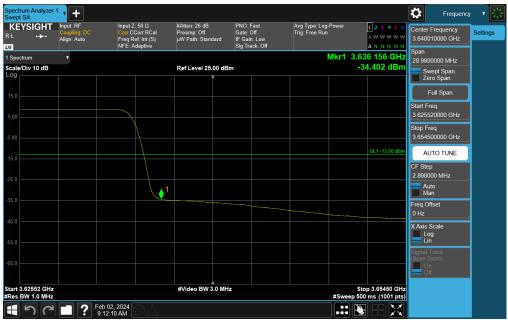
Plot 7-260. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 148 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 140 01 255
<u></u>			V2.2 09/07/2023





Plot 7-261. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)



Plot 7-262. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 149 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 149 01 255
<u></u>			V2.2 09/07/2023



Spectrum Analyzer Swept SA	1 T	Input Z: 50 Ω	#Atten: 26 dB	PNO: Fast	Avg Type: Log-Power		Frequency	· • 🕄
KEYSIGHT RL -►- ⊠	Coupling: DC Align: Auto	Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	Preamp: Off µW Path: Standard	Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run	1 2 3 4 5 6 A \times \t	Center Frequency 3.665000000 GHz	Settings
Spectrum	•	'			Mkr1 3	.655 557 GHz	Span 19.0000000 MHz	
cale/Div 10 dB			Ref Level 25.00 dB	m		-43.779 dBm	Swept Span Zero Span	
15.0							Full Span	
.00							Start Freq 3.655500000 GHz	
							Stop Freq 3.674500000 GHz	
15.0							AUTO TUNE	
5.0						DL1-25.00 dBm	CF Step 1.900000 MHz	
							Auto Man	
5.0							Freq Offset 0 Hz	
i5.0				······			X Axis Scale Log Lin	
							Signal Track (Span Zoom)	
							On Off	
tart 3.655500 GHz Res BW 1.0 MHz	2		#Video BW 3.0 MH	z		Stop 3.674500 GHz 500 ms (1001 pts)		
1 50	Fet	02, 2024						

Plot 7-263. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - Mid Channel)

Spectrum Analyzer Swept SA	¹ • +						Frequency	· • 🐺
KEYSIGHT RL +►+	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A₩₩₩₩₩ A N N N N N	Center Frequency 3.650000000 GHz Span	Settings
1 Spectrum	•				Mkr1 3	.659 462 GHz	19.0000000 MHz	
Scale/Div 10 dB			Ref Level 25.00 dB	m		-45.353 dBm	Swept Span Zero Span	
15.0							Full Span	
5.00							Start Freq 3.640500000 GHz	
-5.00							Stop Freq 3.659500000 GHz	
-15.0							AUTO TUNE	
-25.0						DL1-25.00 dBm	CF Step 1.900000 MHz	
-35.0							Auto Man	
-45.0						1	Freq Offset 0 Hz	
							X Axis Scale Log Lin	
-55.0							Signal Track (Span Zoom)	
-65.0							On Off	
Start 3.640500 GHz #Res BW 1.0 MHz			#Video BW 3.0 MH	Z		Stop 3.659500 GHz 500 ms (1001 pts)		
1 1	? Fet 9:4	0 02, 2024 49:32 AM						

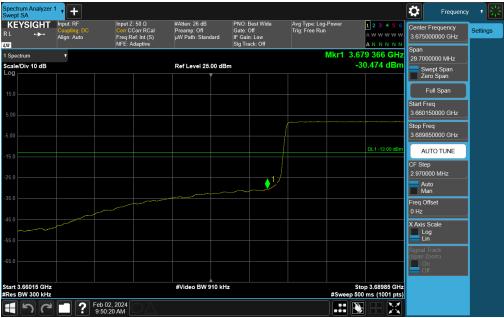
Plot 7-264. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 150 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 150 01 255
<u></u>			V2.2 09/07/2023





Plot 7-265. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)



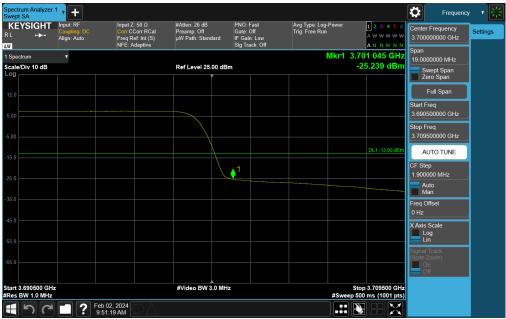
Plot 7-266. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 151 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 151 01 255
			V2.2 09/07/2023





Plot 7-267. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)



Plot 7-268. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 152 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 152 01 233
<u></u>			V2.2 09/07/2023



KEYSIGHT └ +→-·	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A ₩ ₩ ₩ ₩ ₩ A N N N N N	Center Frequency 3.715000000 GHz	Settings
Spectrum			I		Mkr1 3	.710 536 GHz	Span 9.00000000 MHz	
ale/Div 10 dB			Ref Level 25.00 df	Bm		-31.902 dBm	Swept Span	
bg			Ť				Zero Span	l I
5.0							Full Span	
							Start Freq	
							3.710500000 GHz	
							Stop Freq	1
							3.719500000 GHz	
5.0							AUTO TUNE	
							CF Step	
5.0						DL1 -25.00 dBm	900.000 kHz	
							Auto Man	
5.0							Freq Offset	1
5.0							0 Hz	
5.0							X Axis Scale	1
							Log Lin	
							Signal Track (Span Zoom)	
							On	
							Off	
art 3.710500 GHz es BW 1.0 MHz	·		#Video BW 3.0 Mł	Hz		Stop 3.719500 GHz 500 ms (1001 pts)		

Plot 7-269. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

Spectrum Analyzer Swept SA	1 • +									Frequen	cy 🔻 🔛
KEYSIGHT RL ↔	Input: RF Coupling: DC Align: Auto	Input Z: Corr CC Freq Re NFE: Ac	orr RCal f: Int (S)	#Atten: 26 dB Preamp: Off µW Path: Stand	G lard IF	NO:Fast ate:Off Gain:Low ig Track:Off	Avg Type: Log- Trig: Free Run	Power	1 2 3 4 5 6 A W W W W A N N N N N	Center Frequency 3.730000000 GHz Span	Settings
1 Spectrum	•						I		20 671 GHz	19.0000000 MHz	
Scale/Div 10 dB				Ref Level 25.	00 dBm			-4	43.771 dBm	Swept Span Zero Span	
15.0										Full Span	1
5.00										Start Freq 3.720500000 GHz	1
-5.00										Stop Freq 3.739500000 GHz	
-15.0										AUTO TUNE	
-25.0										CF Step 1.900000 MHz	
-35.0										Auto Man	
-35.0									DL1 -40.00 dBm	Freq Offset 0 Hz	
-45.0										X Axis Scale Log Lin	
-65.0										Signal Track (Span Zoom) On	
										- Off	
Start 3.720500 GHz #Res BW 1.0 MHz	2			#Video BW 3	.0 MHz				op 3.739500 GHz 0 ms (1001 pts)		
ר ד	?	eb 02, 2024 9:52:07 AM									

Plot 7-270. Channel Edge Plot (NR Band n48 - 20MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 153 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Page 155 01 255
<u></u>			V2.2 09/07/2023



KEYSIGHT └ ·►·	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RC Freq Ref: Int (S NFE: Adaptive		PNO: Fast Gate: Off ard IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A \\ \\ \\ \\ \\ \\ \\ \\ A N N N N N N	Center Frequency 3.517500000 GHz Span	Settings
Spectrum cale/Div 10 dB	T		Ref Level 25.	00 dBm	Mkr1 3	.529 404 GHz -48.545 dBm	24.0000000 MHz	,
g							Swept Span Zero Span	
							Full Span	
							Start Freq 3.505500000 GHz	,
							Stop Freq 3.529500000 GHz	
5.0							AUTO TUNE	
5.0							CF Step 2.400000 MHz	
.0							Auto Man	
						DL1-40.00 dBm	Freq Offset 0 Hz	
.0		and the second free second					X Axis Scale Log Lin	1
5.0							Signal Track (Span Zoom) On	
art 3.50550 GHz			#Video BW 3	0 MHz		Stop 3.52950 GHz	Off	

Plot 7-271. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

Spectrum Analyzer Swept SA	' +								Frequency	· • 🚟
KEYSIGHT RL ↔••	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr R Freq Ref: Int NFE: Adaptiv	Cal Preamp:O (S) µW Path:S	f Ga tandard IF	IO:Fast te:Off Gain:Low Track:Off	Avg Type: Log-Pe Trig: Free Run		1 2 3 4 5 6 A ₩ ₩ ₩ ₩ ₩ A N N N N N N	Center Frequency 3.535000000 GHz Span	Settings
1 Spectrum						М		9 491 GHz	9.00000000 MHz	
Scale/Div 10 dB			Ref Level	25.00 dBm			-44	.716 dBm	Swept Span Zero Span	
15.0									Full Span	
									Start Freq 3.530500000 GHz	
									Stop Freq 3.539500000 GHz	1
									AUTO TUNE	
								DL1 -25.00 dBm	CF Step 900.000 kHz	
									Auto Man Freq Offset	
-45.0								1	0 Hz	
-45.0									X Axis Scale Log Lin	
-65.0									Signal Track (Span Zoom) On	1
									Off	
Start 3.530500 GHz #Res BW 1.0 MHz			#Video B	W 3.0 MHz				3.539500 GHz ns (1001 pts)		
1 1 1	? F e	eb 02, 2024								

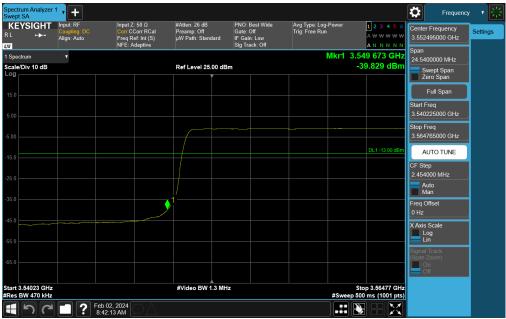
Plot 7-272. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 154 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 154 01 255
			V2.2 09/07/2023



KEYSIGHT Input: RF L +++ Align: Auto		#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A W W W W A N N N N N	Center Frequency 3.552495000 GHz Span	Settings
Spectrum v cale/Div 10 dB		Ref Level 25.00 dBr	n		548 825 GHz -40.087 dBm	23.9900000 MHz	
5.0		ľ				Zero Span Full Span	
						Start Freq 3.540500000 GHz	
						Stop Freq 3.564490000 GHz	
5.0					DL1-13.00 dBm	AUTO TUNE CF Step	
						2.399000 MHz Auto Man	
.0	¹ ′					Freq Offset 0 Hz	
.0						X Axis Scale Log Lin	
						Signal Track (Span Zoom) On	
rt 3.54050 GHz es BW 1.0 MHz		#Video BW 3.0 MH;	2		Stop 3.56449 GHz 500 ms (1001 pts)	Off Off	

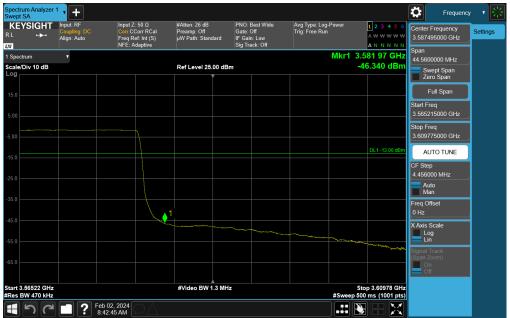
Plot 7-273. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)



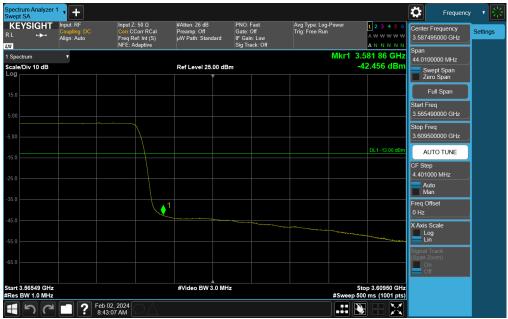
Plot 7-274. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 155 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 155 01 233
			V2.2 09/07/2023





Plot 7-275. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)



Plot 7-276. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 156 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 150 01 255
	·		V2.2 09/07/2023



KEYSIGHT └ ↔→	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A \times \t	Center Frequency 3.615000000 GHz Span	Settings
Spectrum cale/Div 10 dB	•		Ref Level 25.00 dE	Bm		.610 950 GHz -55.482 dBm	9.00000000 MHz	
i.0							Zero Span Full Span	
							Start Freq 3.610500000 GHz	
							Stop Freq 3.619500000 GHz	
							AUTO TUNE CF Step	
						DL1-25.00 dBm	900.000 kHz — Auto Man	
5.0							Freq Offset 0 Hz	
5.0							X Axis Scale Log Lin	
		and in provide the second s		anaphala tala talahan	and an and a special providence of the	on and a south of the state of the	Signal Track (Span Zoom) On	
art 3.610500 GHz les BW 1.0 MHz			#Video BW 3.0 Mł	łz		Stop 3.619500 GHz 500 ms (1001 pts)	Off Off	

Plot 7-277. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Low Channel)

Spectrum Analyzer Swept SA	' +								Freq	uency 🔻 🗮
KEYSIGHT RL +→+ ™	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr R Freq Ref: Int NFE: Adaptiv	Cal Preamp:Off (S) µW Path:Sta	Ga andard IF	IO: Fast te: Off Gain: Low Track: Off	Avg Type: Log-P Trig: Free Run		1 2 3 4 5 6 A ₩ ₩ ₩ ₩ ₩ A N N N N N N	Center Frequenc 3.570000000 GF Span	
1 Spectrum	¥					М		9 443 GHz	19.0000000 MHz	
Scale/Div 10 dB			Ref Level 2	25.00 dBm			-41	.026 dBm	Swept Span Zero Span	
15.0									Full Span	
5.00									Start Freq 3.560500000 GH	Iz
-5.00									Stop Freq 3.579500000 GF	Iz ,
-15.0									AUTO TUNE	
-25.0								DL1-25.00 dBm	CF Step 1.900000 MHz	
-35.0									Auto Man	
								1,	Freq Offset 0 Hz	
-45.0									X Axis Scale Log	
-55.0									Lin Signal Track	-
-65.0									(Span Zoom) On Off	
Start 3.560500 GHz #Res BW 1.0 MHz			#Video BV	V 3.0 MHz				3.579500 GHz ms (1001 pts)		
1 00	? Fe	eb 02, 2024 :20:04 AM								

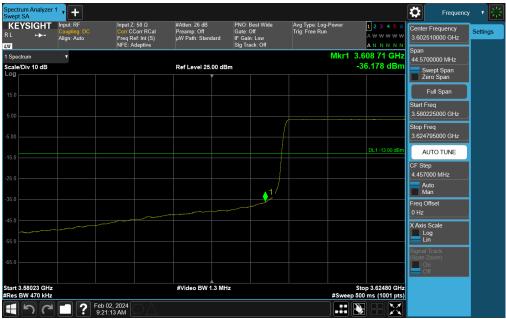
Plot 7-278. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 157 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 157 01 255
			V2.2 09/07/2023



	nput: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off μW Path: Standa	PNO:Fast Gate:Off IFGain:Lo Sig Track:	w	Avg Type: Log-Po Trig: Free Run	A ₩ 1	*****	Center Frequency 3.602510000 GHz Span	Settings
ipectrum ale/Div 10 dB	T		Ref Level 25.0	0 dBm		N	Akr1 3.608 5 -33.10	4 GHz	44.0200000 MHz	
g			Ĭ						Swept Span Zero Span	
								,	Full Span Start Freq	
									3.580500000 GHz	
									Stop Freq 3.624520000 GHz	
,							DL1 -	13.00 dBm	AUTO TUNE	
0									CF Step 4.402000 MHz	
					1				Auto Man	
									Freq Offset 0 Hz	
0									Axis Scale Log Lin	
0									Signal Track Span Zoom)	
									On Off	
rt 3.58050 GHz s BW 1.0 MHz			#Video BW 3.0	MHz			Stop 3.62 Sweep 500 ms (*			

Plot 7-279. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)



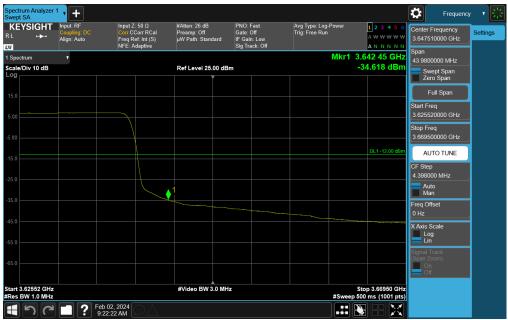
Plot 7-280. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 158 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 156 01 255
<u></u>			V2.2 09/07/2023





Plot 7-281. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)



Plot 7-282. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 159 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 159 01 255
<u></u>			V2.2 09/07/2023



pectrum Analyzer swept SA KEYSIGHT	Input: RF	Input Ζ: 50 Ω Corr CCorr RCal	#Atten: 26 dB	PNO: Fast Gate: Off	Avg Type: Log-Power	1 2 3 4 5 6	Frequenc Center Frequency	
:L + → - 7	Coupling: DC Align: Auto	Freq Ref: Int (S) NFE: Adaptive	Preamp: Off µW Path: Standard	Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run	A ₩ ₩ ₩ ₩ ₩ A N N N N N	3.680000000 GHz	Settings
Spectrum					Mkr1 3	.670 918 GHz	Span 19.0000000 MHz	
cale/Div 10 dB			Ref Level 25.00 dE	im		-46.142 dBm	Swept Span	
-9			Ĭ				Zero Span	
							Full Span	
							Start Freq	1
							3.670500000 GHz	
							Stop Freq 3.689500000 GHz	
							3.689500000 GHz	
5.0							AUTO TUNE	
							CF Step	1
						DL1-25.00 dBm	1.900000 MHz	
							Auto Man	
							Freq Offset	1
5.0 1							0 Hz	,
5.0							X Axis Scale	1
							Log Lin	
							Signal Track	
							(Span Zoom)	
							- Off	
art 3.670500 GHz Res BW 1.0 MHz			#Video BW 3.0 MH	Iz		top 3.689500 GHz 500 ms (1001 pts)		
	Feb	02, 2024 2:56 AM						

Plot 7-283. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - Mid Channel)

Spectrum Analyzer Swept SA	' +									₽	Frequency	- 7 炭
KEYSIGHT RL +→-•	Input: RF Coupling: DC Align: Auto	Input Z: 50 <mark>Corr</mark> CCorr Freq Ref: Ir NFE: Adap	RCal nt (S)	#Atten: 26 dB Preamp: Off µW Path: Stand:	Gat ard IF (D:Fast e:Off Sain:Low Track:Off	Avg Type: Log- Trig: Free Run	Power	1 2 3 4 5 6 A \vee vee vee vee A N N N N N N	Center Freq 3.63000000 Span		Settings
1 Spectrum	•								39 272 GHz	19.000000) MHz	
Scale/Div 10 dB				Ref Level 25.0	00 dBm			-4	6.920 dBm	Swept Zero S		
15.0										Full S		
5.00										Start Freq 3.62050000	00 GHz	
-5.00										Stop Freq 3.63950000	00 GHz	
-15.0										AUTO	TUNE	
-25.0									DL1-25.00 dBm	CF Step 1.900000 N	1Hz	
-35.0										Auto Man		
-45.0									1	Freq Offset 0 Hz	,	
-45.0										X Axis Scale Log Lin	9	
- yes may lot the	- Marandary Andrahadhadhadhadhadhadhadhadhadhadhadhadhad	ongeleggene Storage annote	Sector Se							Signal Track (Span Zoom)	c)	
-65.0										On Off		
Start 3.620500 GHz #Res BW 1.0 MHz				#Video BW 3.	0 MHz				o 3.639500 GHz) ms (1001 pts)			
1 1	Fel ? Fel 9:	b 02, 2024 59:01 AM										

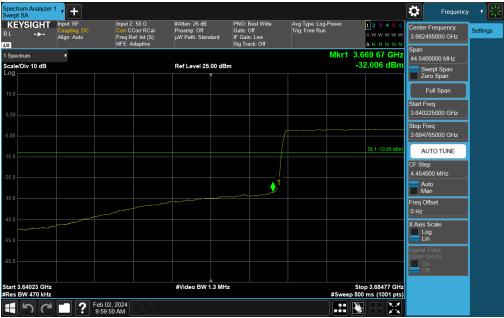
Plot 7-284. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 160 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 100 01 233
			V2.2 09/07/2023





Plot 7-285. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)



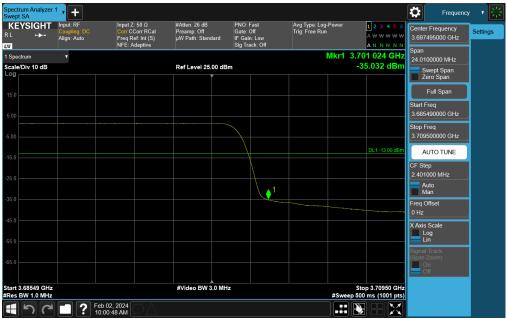
Plot 7-286. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 161 of 222	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Page 161 of 233	
<u></u>			V2.2 09/07/2023	





Plot 7-287. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)



Plot 7-288. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 162 of 222	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Page 162 of 233	
			V2.2 09/07/2023	



KEYSIGHT ⊥ ↔	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	123456 A \two transformed with the transformed and transformed	Center Frequency 3.715000000 GHz	Settings
Spectrum cale/Div 10 dB	•		Ref Level 25.00 dE	βm		.710 518 GHz -40.692 dBm	Span 9.00000000 MHz Swept Span	
5.0							Zero Span Full Span	
							Start Freq 3.710500000 GHz	
							Stop Freq 3.719500000 GHz	
							AUTO TUNE	
						DL1-25.00 dBm	900.000 kHz	
5.0 1							Man Freq Offset 0 Hz	
							X Axis Scale Log Lin	
							Signal Track (Span Zoom) On	
art 3.710500 GHz			#Video BW 3.0 MH	Iz		Stop 3.719500 GHz	Off	

Plot 7-289. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

Spectrum Analyzer Swept SA	1 • +						Frequency	/ 「崇
KEYSIGHT RL ↔	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Po Trig: Free Run	1 2 3 4 5 6 A W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W	Center Frequency 3.735000000 GHz Span	Settings
1 Spectrum	v				М	kr1 3.720 529 GHz	29.0000000 MHz	
Scale/Div 10 dB			Ref Level 25.00 dB	m		-47.015 dBm	Swept Span Zero Span	
15.0							Full Span	
							Start Freq 3.720500000 GHz	
							Stop Freq 3.749500000 GHz	
-15.0							AUTO TUNE	
-25.0							CF Step 2.900000 MHz	
-35.0							Auto Man	
-35.0						DL1 -40.00 dBm	Freq Offset 0 Hz	
-45.0		~~~~~					X Axis Scale Log Lin	
			and the second	an water and the second second	where we wanted the second		Signal Track (Span Zoom)	
							On Óff	
Start 3.72050 GHz #Res BW 1.0 MHz			#Video BW 3.0 MH	z		Stop 3.74950 GHz #Sweep 500 ms (1001 pts		
1 1 1	Feb 10:0	02, 2024 01:37 AM				💵 💽 🕂 🔀		

Plot 7-290. Channel Edge Plot (NR Band n48 - 30MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 162 of 222	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Page 163 of 233	
<u></u>			V2.2 09/07/2023	



KEYSIGHT └ -►· I	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A \\ \\ \\ \\ \\ \\ \\ A N N N N N N	Center Frequency 3.517500000 GHz Span	Settings
Spectrum ale/Div 10 dB	T		Ref Level 25.00 d	Bm	Mkr1 3	.529 476 GHz -50.300 dBm	24.0000000 MHz	
g 							Zero Span Full Span	
							Start Freq 3.505500000 GHz	
							Stop Freq 3.529500000 GHz	
							AUTO TUNE	
							CF Step 2.400000 MHz	
						DL1 -40.00 dBm	Man Freq Offset	
							0 Hz X Axis Scale	
.0							Log Lin Signal Track	
							(Span Zoom) On Off	
rt 3.50550 GHz s BW 1.0 MHz			#Video BW 3.0 M	Hz	#Sweep	Stop 3.52950 GHz 500 ms (1001 pts)		

Plot 7-291. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

Spectrum Analyzer Swept SA	1 • +						Frequency	· • ※
KEYSIGHT RL ↔→ ₩	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A W W W W A N N N N N	Center Frequency 3.535000000 GHz Span	Settings
1 Spectrum	•					539 491 GHz	9.00000000 MHz	
Scale/Div 10 dB			Ref Level 25.00 dB	m		-47.443 dBm	Swept Span	
							Zero Span Full Span	
							Start Freq 3.530500000 GHz	
							Stop Freq 3.539500000 GHz	
							AUTO TUNE	
						DL1-25.00 dBm	CF Step 900.000 kHz	
							Auto Man Freq Offset	
						1	0 Hz X Axis Scale	
							Log Lin	
							Signal Track (Span Zoom) On	
Start 3.530500 GHz #Res BW 1.0 MHz	2		#Video BW 3.0 MH	z		top 3.539500 GHz 500 ms (1001 pts)	Off	
	Fe ? 5	b 02, 2024 :50:21 AM						

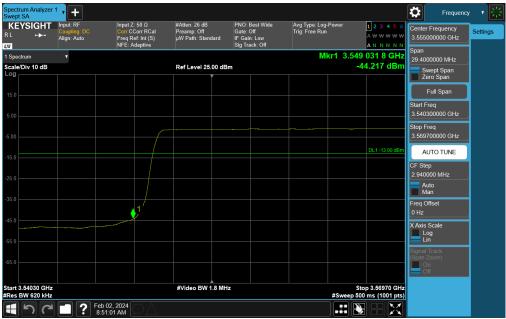
Plot 7-292. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 164 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 104 01 255
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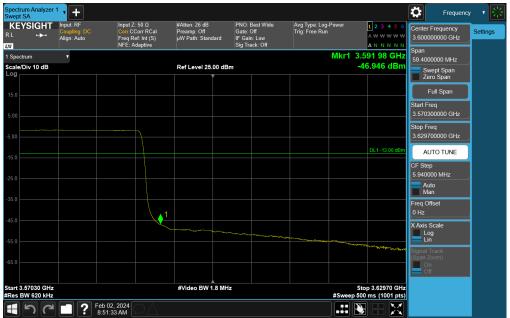
Plot 7-293. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)



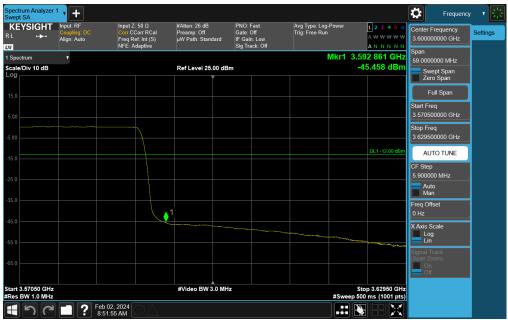
Plot 7-294. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 165 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 105 01 255
			V2.2 09/07/2023





Plot 7-295. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)



Plot 7-296. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 166 of 233	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Page 100 01 233	
	·		V2.2 09/07/2023	



KEYSIGHT Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A \vee vee vee vee vee A N N N N N N	Center Frequency 3.635000000 GHz Span	Settings
Spectrum V ale/Div 10 dB		Ref Level 25.00 dB	m		.630 518 GHz -56.686 dBm	9.00000000 MHz	
5.0						Zero Span Full Span	
00						Start Freq 3.630500000 GHz	
00						Stop Freq 3.639500000 GHz	
.0						AUTO TUNE CF Step	
.0					DL1 -25.00 dBm	900.000 kHz Auto Man	
0						Freq Offset 0 Hz	
0						X Axis Scale Log Lin	
.0 0	nan an	dallalantena anteratoria	glypuer MAL-unered whenes	งางการที่กฎรัฐการ 4 - Jaconsa (การไปเริ่มไป- ₍₁₇₁)-	aller and a second s	Signal Track (Span Zoom) On	
rt 3.630500 GHz es BW 1.0 MHz		#Video BW 3.0 MH	z		top 3.639500 GHz 500 ms (1001 pts)	Off	

Plot 7-297. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Low Channel)

Spectrum Analyzer Swept SA							Frequency	· · · 😤
KEYSIGHT RL +→-•	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A W W W W W A N N N N N	Center Frequency 3.555000000 GHz Span	Settings
1 Spectrum	•					564 462 GHz	19.0000000 MHz	
Scale/Div 10 dB			Ref Level 25.00 dE	3m		-46.981 dBm	Swept Span Zero Span	
15.0							Full Span	
5.00							Start Freq 3.545500000 GHz	
-5.00							Stop Freq 3.564500000 GHz	
							AUTO TUNE	
-25.0						DL1-25.00 dBm	CF Step 1.900000 MHz	
-35.0							Auto Man	
-45.0						1	Freq Offset 0 Hz	
							X Axis Scale Log Lin	
-65.0							Signal Track (Span Zoom) On	
							Off	
Start 3.545500 GHz #Res BW 1.0 MHz			#Video BW 3.0 MH	z		top 3.564500 GHz 500 ms (1001 pts)		
1 1 1	Fe ? 9:	b 02, 2024 30:18 AM				¥ = X		

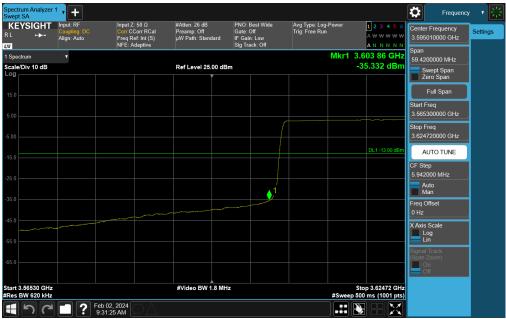
Plot 7-298. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 167 of 222	
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Spectrum Analyzer Swept SA KEYSIGHT	1 T	Input Ζ: 50 Ω	#Atten: 26 dB	PNO: Fast	Avg Type: Log-Power	123456	Frequenc	· • 🛃
	Coupling: DC Align: Auto	Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	Preamp: Off µW Path: Standard	Gate:Off IF Gain:Low Sig Track:Off	Trig: Free Run	A W W W W A N N N N N	Center Frequency 3.595010000 GHz	Settings
Spectrum	V				Mkr1	3.602 98 GHz	Span 59.0200000 MHz	
cale/Div 10 dB			Ref Level 25.00 de	Зm		-34.765 dBm	Swept Span Zero Span	
5.0							Full Span	
.00							Start Freq 3.565500000 GHz	
00							Stop Freq 3.624520000 GHz	
5.0						DL1-13.00 dBm	AUTO TUNE	
5.0							CF Step 5.902000 MHz	
5.0				↓ ¹			Auto Man	
							Freq Offset 0 Hz	
5.0							X Axis Scale Log Lin	
5.0							Signal Track (Span Zoom)	
							On Off	
art 3.56550 GHz Res BW 1.0 MHz			#Video BW 3.0 Mł	Hz	#Swe	Stop 3.62452 GHz p 500 ms (1001 pts)		
50	Feb 9:3	02, 2024 0:51 AM						

Plot 7-299. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)



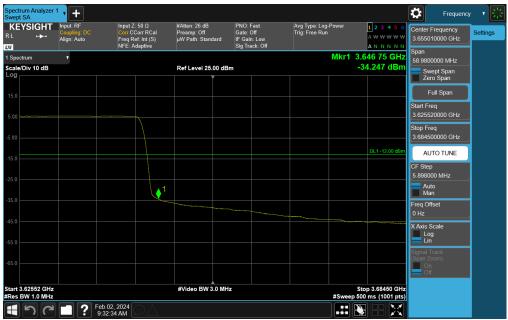
Plot 7-300. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 169 of 222	
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Page 168 of 233	
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Plot 7-301. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)



Plot 7-302. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 160 of 222	
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Spectrum Analyzer	1 T	Input Ζ: 50 Ω	#Atten: 26 dB	PNO: Fast	Avg Type: Log-Power		Frequency	(18)
KEYSIGHT RL +►+ ⊠	Coupling: DC Align: Auto	Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	Preamp: Off µW Path: Standard	Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run	1 2 3 4 5 6 A₩₩₩₩₩ A N N N N N	Center Frequency 3.695000000 GHz	Settings
Spectrum	•		,		Mkr1 3	.686 526 GHz	Span 19.0000000 MHz	
cale/Div 10 dB			Ref Level 25.00 dE	im		-45.423 dBm	Swept Span	
og			Ť				Zero Span	
5.0							Full Span	
							Start Freq	
							3.685500000 GHz	
							Stop Freq	1
							3.704500000 GHz	
15.0							AUTO TUNE	
							CF Step	
						DL1-25.00 dBm	1.900000 MHz	
							Auto Man	
							Freq Offset	1
15.0							0 Hz	
10.0							X Axis Scale Log	
							Lin	
							Signal Track (Span Zoom)	
							On Off	
tart 3.685500 GHz Res BW 1.0 MHz	2		#Video BW 3.0 MH	Iz		Stop 3.704500 GHz 500 ms (1001 pts)		
152	7 Fet	02, 2024				¥ - X		

Plot 7-303. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - Mid Channel)

Spectrum Analyzer Swept SA							Frequency	/ • 🔀
KEYSIGHT ^{RL} ↔	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A₩₩₩₩₩ A N N N N N	Center Frequency 3.610000000 GHz Span	Settings
1 Spectrum	•				Mkr1 3	.618 626 GHz	19.0000000 MHz	
Scale/Div 10 dB			Ref Level 25.00 dB	im .		-61.513 dBm	Swept Span Zero Span	
15.0							Full Span	
							Start Freq 3.600500000 GHz	
							Stop Freq 3.619500000 GHz	
							AUTO TUNE	
25.0						DL1-25.00 dBm	CF Step 1.900000 MHz	
35.0							Auto Man	
15.0							Freq Offset 0 Hz	
55.0							X Axis Scale Log Lin	
55.0						•1	Signal Track	
65.0							(Span Zoom) On Off	
Start 3.600500 GHz Res BW 1.0 MHz			#Video BW 3.0 MH	lz		Stop 3.619500 GHz 500 ms (1001 pts)		
1って	Fet ? Fet	02, 2024 08:31 AM						

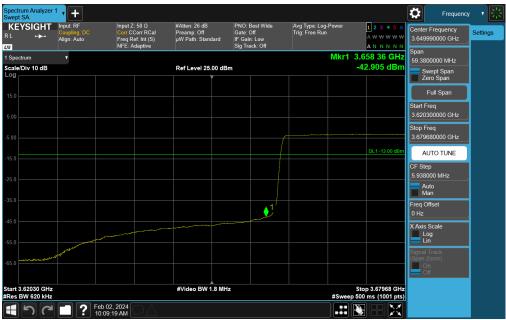
Plot 7-304. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 170 of 233
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Plot 7-305. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)



Plot 7-306. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 171 of 233
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<u></u>			V2.2 09/07/2023





Plot 7-307. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)



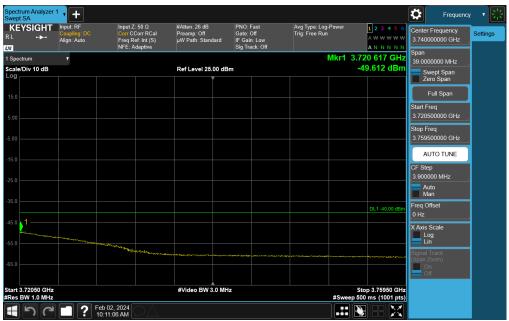
Plot 7-308. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 172 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Page 172 01 255
<u></u>			V2.2 09/07/2023



KEYSIGHT └ -►- 1	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Adaptive	#Atten: 26 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 2 3 4 5 6 A₩₩₩₩₩ ANNNNN	Center Frequency 3.715000000 GHz	Settings
Spectrum cale/Div 10 dB	T		Ref Level 25.00 di	Зm	Mkr1 3	.710 599 GHz -45.881 dBm	Span 9.00000000 MHz Swept Span	1
5 .0			Í				Zero Span Full Span	
							Start Freq 3.710500000 GHz	
							Stop Freq 3.719500000 GHz	
							AUTO TUNE	
						DL1-25.00 dBm	900.000 kHz	L
5.0							Man Freq Offset 0 Hz	
5.0					·····		X Axis Scale Log Lin	
5.0							Signal Track (Span Zoom) On	
art 3.710500 GHz			#Video BW 3.0 MI	Hz		Stop 3.719500 GHz	Off	

Plot 7-309. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)



Plot 7-310. Channel Edge Plot (NR Band n48 - 40MHz DFT-s-OFDM QPSK - High Channel)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 173 of 233
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7.5 Peak-Average Ratio §96.41(g);

<u>u-- (37)</u>

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level. All ports were tested and only the worst case data were reported.

Test Procedure Used

KDB 971168 D01 v03r01 - Section 5.7.1

Test Settings

- 1. The signal analyzer's CCDF measurement profile is enabled
- 2. Frequency = carrier center frequency
- 3. Measurement BW ≥ OBW or specified reference bandwidth
- 4. The signal analyzer was set to collect one million samples to generate the CCDF curve
- 5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

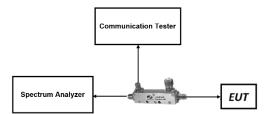


Figure 7-4. Test Instrument & Measurement Setup

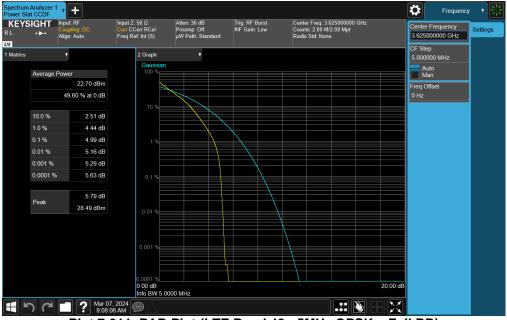
Test Notes

None.

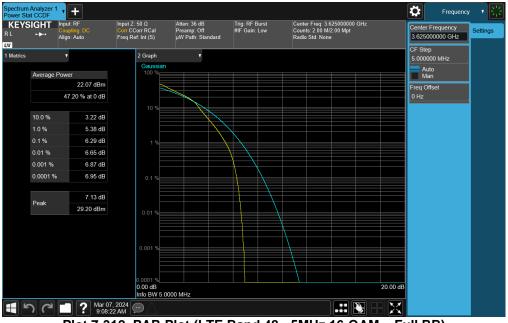
FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 174 of 233
1C2311270064-15-R1.BCG	10/01/2023-03/06/2024	Tablet Device	Fage 174 01 235
			V2 2 09/07/2023



LTE Band 48



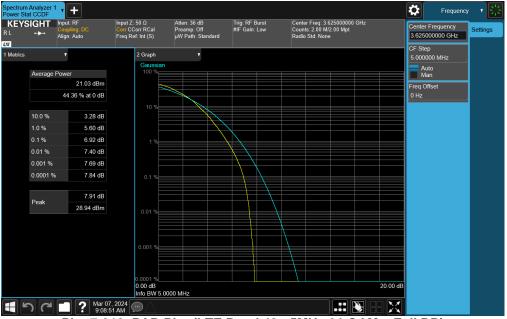
Plot 7-311. PAR Plot (LTE Band 48 - 5MHz QPSK – Full RB)



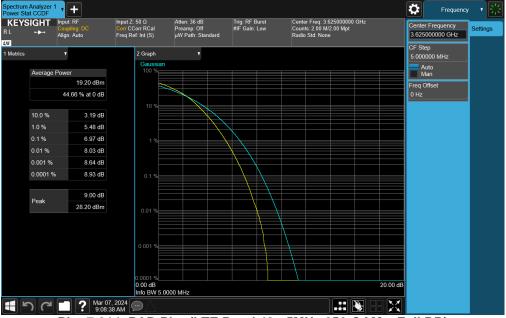


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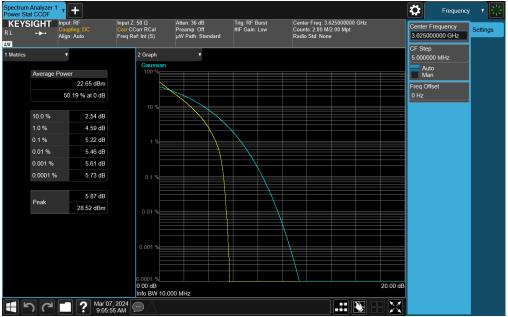
Plot 7-313. PAR Plot (LTE Band 48 - 5MHz 64-QAM - Full RB)



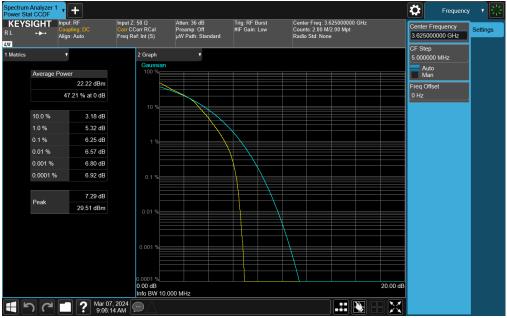
Plot 7-314. PAR Plot (LTE Band 48 - 5MHz 256-QAM - Full RB)

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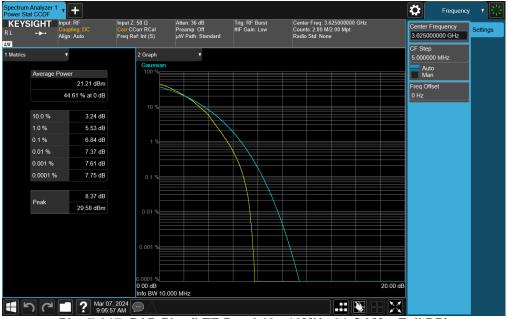
Plot 7-315. PAR Plot (LTE Band 48 - 10MHz QPSK – Full RB)



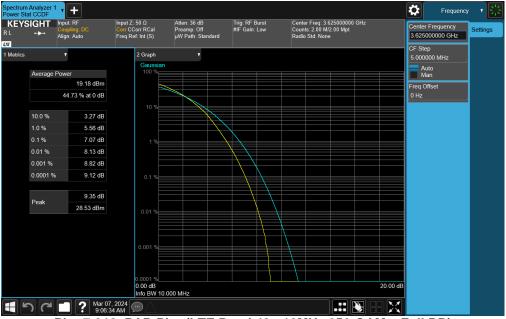
Plot 7-316. PAR Plot (LTE Band 48 - 10MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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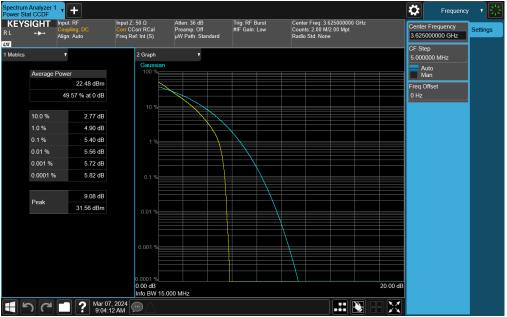
Plot 7-317. PAR Plot (LTE Band 48 - 10MHz 64-QAM - Full RB)



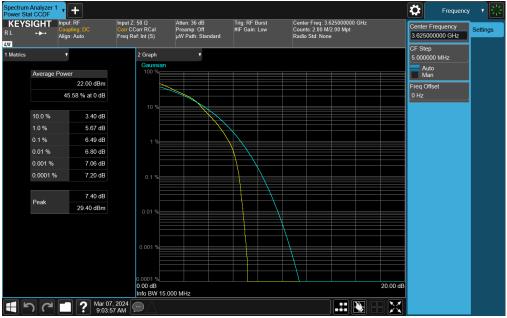
Plot 7-318. PAR Plot (LTE Band 48 - 10MHz 256-QAM – Full RB)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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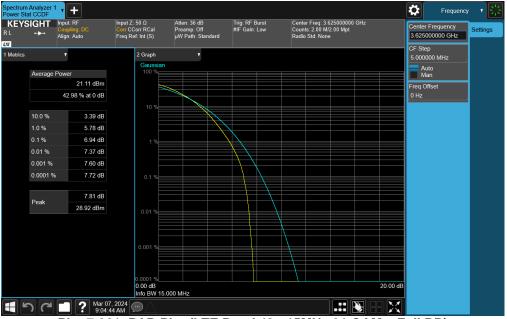
Plot 7-319. PAR Plot (LTE Band 48 - 15MHz QPSK - Full RB)



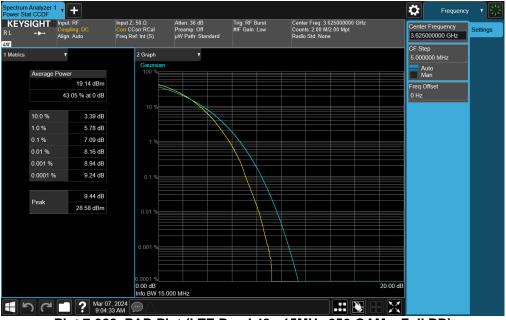
Plot 7-320. PAR Plot (LTE Band 48 - 15MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 96 MEASUREMENT REPORT	Approved by: Technical Manager
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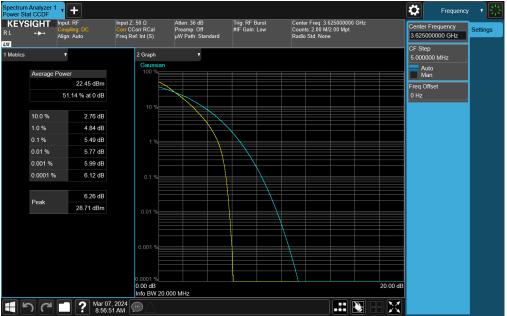
Plot 7-321. PAR Plot (LTE Band 48 - 15MHz 64-QAM - Full RB)



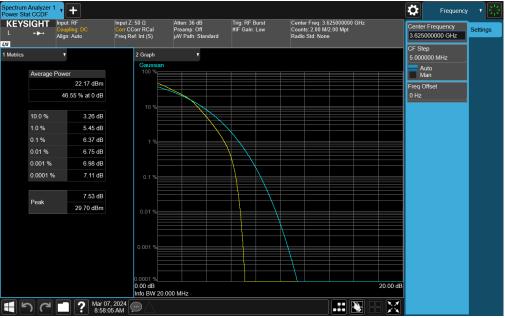
Plot 7-322. PAR Plot (LTE Band 48 - 15MHz 256-QAM – Full RB)

FCC ID: BCGA2903	element	element PART 96 MEASUREMENT REPORT	
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Plot 7-323. PAR Plot (LTE Band 48 - 20MHz QPSK - Full RB)



Plot 7-324. PAR Plot (LTE Band 48 - 20MHz 16-QAM - Full RB)

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