

RL	ctrum Analyzer - Swept : RF 50 Ω 7 req 777.00000	AC CORREC	SENSE:INT	#Avg Type: RMS	10:50:09 AM Jan 06, 2019 TRACE 1 2 3 4 5 6	Frequency
		PNO: Wide G	Trig: Free Run Atten: 36 dB		DET A WWWWW	
0 dB/div og r	Ref 25.00 dB	m		Mk	r1 777.000 MHz -24.005 dBm	Auto Tur
°9						Center Fre
15.0						777.000000 MH
5.00				~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
5.00						Start Fre 775.000000 Mi
					DL1 -13.00 dBm	
15.0			1			Stop Fre
25.0			^			779.000000 MH
		Anorth and a state of the second	and the second			CF Ste
35.0	- Arrent Canal - Canal					400.000 kH Auto Ma
45.0						
55.0						Freq Offs 0 I
65.0						
						Scale Typ
enter 77 Res BW	7.000 MHz 100 kHz	#VBV	V 300 kHz	Sween	Span 4.000 MHz 5.667 ms (1001 pts)	Log <u>L</u>
G				STATU		

Plot 7-210. Lower Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-211. Upper Band Edge Plot (Band 13 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 124 of 262
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Keysight Sp RL	pectrum Analyzer RF	- Swept SA 50 Ω AC	CORREC	SENSE:II	T		11:08:20 AM Jan 06, 2019	_	
BW 10		JU SZ AC	PNO: Wide		#Av	g Type: RMS	TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N		BW
	-		IFGain:Low	Atten: 36 dB					Res B
0 dB/div	Ref 25.0	00 dBm				M	kr1 777.000 MHz -27.12 dBm	Auto	100 kH <u>Ma</u>
°g				Ĭ					Video B
5.0									300 kl
								Auto	Ma
.00					manne	Marked Contractions	All the first of the second	VBW	:3dB RB
								VDV	4.305 RB
.00								<u>Auto</u>	M
							DL1 -13.00 dBm		
5.0								Spar	n:3dB RB 10
5.0				1,4	N,			<u>Auto</u>	M
5.0				, et all					
5.0			And and and and	Sand and and and and and and and and and				RB	W Contro
			ST. Comment						ssian,-3 dB
5.0		,	/						
5.0									
1744-18744	-Westerners - Strate Roy and sort	All and a second se							
5.0									
enter 7	77.000 MH	lz		A			Span 8.000 MHz		
Res BW	100 kHz		#VBV	/ 300 kHz		Sweep	13.33 ms (1001 pts)		
G						STAT	US		

Plot 7-212. Lower Band Edge Plot (Band 13 - 10.0MHz QPSK - Full RB Configuration)



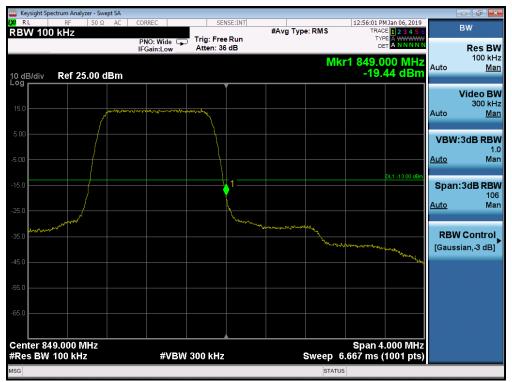
Plot 7-213. Upper Band Edge Plot (Band 13 -10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 125 of 262
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Plot 7-214. Lower Band Edge Plot (Band 26 - 1.4MHz QPSK - Full RB Configuration)



Plot 7-215. Upper Band Edge Plot (Band 26 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 af 000
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RL		0 Ω AC	CORREC	SEI	SE:INT	#Avg Typ	a DMS		M Jan 06, 2019		BW
BW 100) KHZ		PNO: Wide O	Trig: Free Atten: 36		#Avg Typ	e: RWS	TY D	CE 1 2 3 4 5 6 PE A WWWW ET A NNNNN	1	Res B
dB/div	Ref 25.0	0 dBm					Mk	r1 823.9 -18.	988 MHz 15 dBm	Auto	100 k <u>M</u>
5.0											Video E 300 k
					m	www.humananana	whave ware	manager age and the		Auto	M
										VBW	1:3dB RE
00					1				DL1 -13.00 dBm	<u>Auto</u>	М
.0					1					Spar	n:3dB RE
5.0				walk						<u>Auto</u>	М
	harmon and the start	harmonter	Marst Marshan	week water							N Contro
										[Gaus	sian,-3 dB
5.0											
5.0											
	4.000 MH	Z						Span 4	.000 MHz		
Kes BW	100 kHz		#VB	W 300 kHz			Sweep ((1001 pts)		

Plot 7-216. Lower Band Edge Plot (Band 26 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-217. Upper Band Edge Plot (Band 26 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 107 of 202
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	ectrum Analyzer - Sw										
Center F	RF 50 ແ req 824.000	0000 MH	NO: Wide 🗔	Trig: Free		#Avg Typ	e: RMS	TRAC	I Jan 06, 2019 E 1 2 3 4 5 6 E A WWWWW A N N N N N	F	requency
10 dB/div Log	Ref 25.00		Gain:Low	Atten: 36	dB		Mk	r1 824.0			Auto Tune
15.0									nti Jakou Mur –		Center Fred 4.000000 MHz
-5.00										82	Start Fred 2.000000 MH:
-15.0					,1				DL1 -13.00 dBm	82	Stop Free 5.000000 MH:
-35.0	ي المدين المراجع المديني الم	nonen and	and and an an an and a series of the series							<u>Auto</u>	CF Ste 400.000 kH Ma
-55.0											Freq Offse 0 H
-65.0											Scale Type
Center 82 #Res BW	24.000 MHz 100 kHz		#VBW	/ 300 kHz			Sweep 6	.9 Span 4 () Span 4.	000 MHz 1001 pts)	Log	<u>Lir</u>
MSG							STATUS	5			

Plot 7-218. Lower Band Edge Plot (Band 26 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-219. Upper Band Edge Plot (Band 26 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 129 of 262
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Keysight Spectrum Analyzer - Swept SA					
🗱 RL RF 50 Ω AC RBW 100 kHz	CORREC	SENSE:INT	#Avg Type: RMS	01:08:04 PM Jan 06, 2019 TRACE 1 2 3 4 5 6	BW
	PNO: Wide 🖵 IFGain:Low	Trig: Free Run Atten: 36 dB		DET A NNNN	Res BW
			М	kr1 823.992 MHz	100 kH: Auto <u>Mar</u>
10 dB/div Ref 25.00 dBm				-27.75 dBm	Auto <u>ima</u>
		Ĭ			Video BV
15.0					300 kH Auto Ma
5.00			เราสถาประชาชุมในปีหมุดของกับได้ที่ ¹⁴ ปีได้ที่สุขาจระสาท	<i>๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛</i>	VBW:3dB RBM
-5.00					1. <u>Auto</u> Ma
				DL1 -13.00 dBm	
-15.0					Span:3dB RBW
-25.0		1.1			Auto Ma
-25.0		Jun Party			
-35.0	warmen and a second	have a second			RBW Control
and and the second and the second					[Gaussian,-3 dB]
-45.0					
-55.0					
-65.0					
Center 824.000 MHz				Span 8.000 MHz	
#Res BW 100 kHz	#VBW	300 kHz		13.33 ms (1001 pts)	
ISG			STAT	05	

Plot 7-220. Lower Band Edge Plot (Band 26 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-221. Upper Band Edge Plot (Band 26 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dage 120 of 202		
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Plot 7-222. Lower Band Edge Plot (Band 5 - 1.4MHz QPSK - Full RB Configuration)



Plot 7-223. Upper Band Edge Plot (Band 5 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager			
Test Report S/N:	Test Dates:	EUT Type:	Dage 140 of 262			
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	ectrum Analyze										-
RBW 100		50 Ω AC	PNO: Wide	Trig: Fre		#Avg Typ	e: RMS	TRAC	M Jan 06, 2019 DE 1 2 3 4 5 6 PE A W N N N N		BW
10 dB/div	Ref 25.	00 dBm	IFGain:Low	Atten: 36	3 dB		Mk	r1 823.9	96 MHz 02 dBm	Auto	Res B\ 100 k⊢ <u>M</u> a
. og 15.0					Alamanak	and the second and the		J. J. J. Marcheller	and a start of the	Auto	Video B 300 kH <u>Ma</u>
5.00										VBW Auto	/:3dB RB 1 Ma
25.0					1				DL1 -13.00 dBm	Spar <u>Auto</u>	1:3dB RB 10 Ma
35.0	angle all the gate and gate of	mannana	ner miner Wernstrangener men	and a start and a start and a start a s							N Contro sian,-3 dB
:5.0 <u> </u>											
5.0											
	24.000 MH 100 kHz	lz	#VB	W 300 kHz			Sweep 6	Span 4 .667 ms (.000 MHz 1001 pts)		
SG							STATUS	5			

Plot 7-224. Lower Band Edge Plot (Band 5 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-225. Upper Band Edge Plot (Band 5 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 111 of 202
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	ectrum Analyzer										
RBW 10		50Ω AC	PNO: Wide	Trig: Free		#Avg Typ	e: RMS	TRAC	MJan 06, 2019 E 1 2 3 4 5 6 PE A MNNN		BW
10 dB/div	Ref 25.0)0 dBm	IFGain:Low	Atten: 36	6 dB		Mk	r1 823.9	96 MHz 44 dBm	Auto	Res BV 100 kH <u>Ma</u>
15.0										Auto	Video B 300 kł <u>M</u> a
5.00						64/	and an an and a second second	a	And an and a second	VBW <u>Auto</u>	V:3dB RB 1 Ma
5.0					1				DL1 -13.00 dBm	Spai Auto	n:3dB RB 10 Mi
5.0 5.0 جماليم	See Standary on Colorida Standard	معرابهمواهمهمهم	walder and a state	marganet							W Contro ssian,-3 dB
5.0										lound	, o u B
5.0											
	24.000 MH 100 kHz	Iz	#VBW	/ 300 kHz			Sweep 6	Span 4 5.667 ms (.000 MHz 1001 pts)		
SG							STATUS	3			

Plot 7-226. Lower Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-227. Upper Band Edge Plot (Band 5 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 142 of 262
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	ectrum Analyze										
RBW 100		50 Ω AC	PNO: Wide	Trig: Free		#Avg Typ	e: RMS	TRAC	I Jan 06, 2019 E 1 2 3 4 5 6 E A WWWWWW T A N N N N N		BW
0 dB/div	Ref 25.0	00 dBm	IFGain:Low	Atten: 36	6 dB		Mk	r1 824.0		Auto	Res BI 100 kH <u>Ma</u>
15.0										Auto	Video B 300 kł <u>M</u> a
5.00 							₩ ₩ ₩	,992,-1994,-19-05,91-0	and and a second se	VBW Auto	/:3dB RB 1 M
25.0					1.11				DL1 -13.00 dBm	Spai <u>Auto</u>	n:3dB RB 10 Mi
5.0	- marenalismen		and a support of the second	and the second							N Contro sian,-3 dB
5.0											
5.0											
	24.000 MH 100 kHz	IZ	#VBW	300 kHz			Sweep	Span 8. 13.33 ms (.000 MHz 1001 pts)		
G							STATU	s			

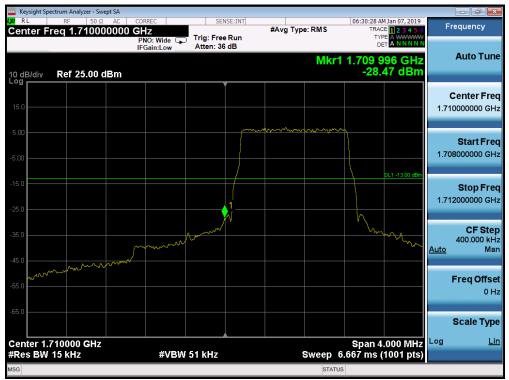
Plot 7-228. Lower Band Edge Plot (Band 5 - 10.0MHz QPSK - Full RB Configuration)



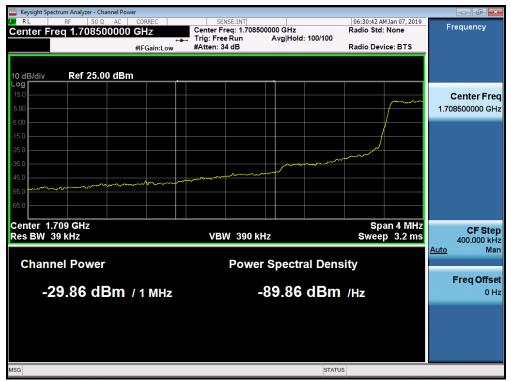
Plot 7-229. Upper Band Edge Plot (Band 5 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Plot 7-230. Lower Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)



Plot 7-231. Lower Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Keysight S R L	pectrum Analyz			000050						00.04.47		_	
RL	RF	50 Ω	AC	CORREC		Trig: Fre Atten: 3		#Avg Ty	e: RMS	TR	AM Jan 07, 2019 ACE 1 2 3 4 5 6 YPE A WWWW DET A NNNN	F	requency
0 dB/div	Ref 25	.00 dB	m	IFGain:L	.ow	Atten: 3			Mkı	1 1.780	000 GHz .15 dBm		Auto Tun
15.0													Center Fre 80000000 G⊦
5.00			*~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	194 0						DL1 -13.00 dBm	1.77	Start Fre 78000000 GH
25.0							1					1.78	Stop Fre 2000000 GF
35.0 	Arrand	з ү					Mart	Ann	Dong			<u>Auto</u>	CF Ste 400.000 kH Ma
i5.0									- When	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~		Freq Offs 0 H
i5.0	.780000 (2H7								Snap	4.000 MHz	Log	Scale Typ
	V 15 kHz	5112		#	VBW	51 kHz			Sweep	6.667 ms	(1001 pts)	_	
SG									STAT	US			

Plot 7-232. Upper Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)



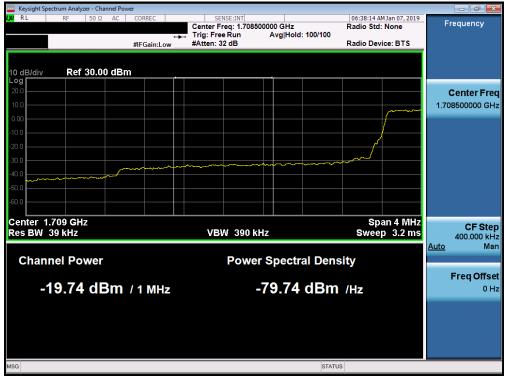
Plot 7-233. Upper Extended Band Edge Plot (Band 66 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	ım Analyzer - Swe										
LXI RL	RF 50 Ω	AC CO	RREC	SEI	NSE:INT	#Avg Typ	e: RMS		1 Jan 07, 2019 E 1 2 3 4 5 6	F	equency
		P	NO:Wide 🕞 Gain:Low	Trig: Free Atten: 36				TYP			
10 dB/div R	tef 25.00 d	Bm					Mkr	1 1.710 0 -24.5	00 GHz 46 dBm		Auto Tune
15.0											Center Fred 0000000 GHz
-5.00						<u>~~~~</u>	an a		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1.70	Start Free 8000000 GH:
-15.0					1				DL1 -13.00 dBm	1.71	Stop Fred 2000000 GH;
-35.0	mm	mm	and the second s	and and a second						<u>Auto</u>	CF Step 400.000 kH Mar
-55.0											Freq Offse 0 H
-65.0											Scale Type
Center 1.710 #Res BW 36			#VBV	v 130 kHz			Sweep	Span 4. 6.667 ms (.000 MHz 1001 pts)	Log	Lir
MSG							STATU	_			

Plot 7-234. Lower Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)



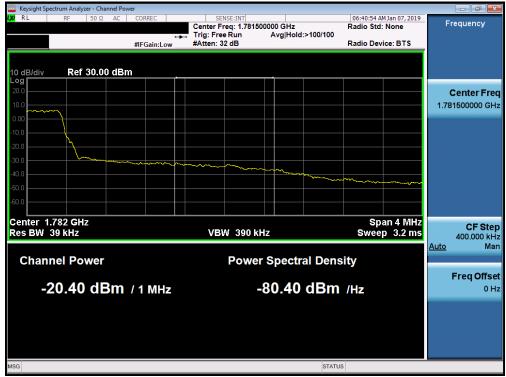
Plot 7-235. Lower Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	ectrum Analy												
KI RL	RF	50 Ω	AC	CORREC	ide 😱	Trig: Fre		#Avg Typ	e: RMS	TRAC	MJan 07, 2019 E 1 2 3 4 5 6 E A WWWWW T A N N N N N	F	requency
0 dB/div	Ref 25	5.00 dl	Bm	IFGain:L	.ow	Atten: 36	dB		Mkr1		00 GHz 84 dBm		Auto Tun
15.0													Center Fre 0000000 G⊦
	<u>~~~~~</u> ~~~^	<u>drar ru</u> fs	<u>~~n_1_^</u>	<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>	A							1.77	Start Fr 8000000 GI
5.0							1				DL1 -13.00 dBm	1.78	Stop Fr 2000000 GI
5.0							harrow were		h	and may and	humm	<u>Auto</u>	CF Ste 400.000 kl M
5.0													Freq Offs 0
65.0	780000	GHz								Span 4	.000 MHz	Log	Scale Typ
	36 kHz			į	¢VB₩	130 kHz			Sweep 6	.667 ms (1001 pts)		
SG									STATUS	3			

Plot 7-236. Upper Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)



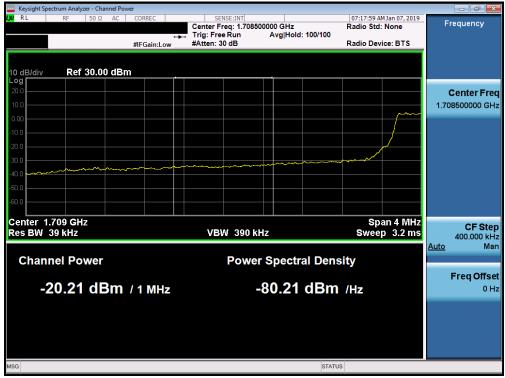
Plot 7-237. Upper Extended Band Edge Plot (Band 66 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
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🔤 Keysight Spectrum Analyzer -					
KAL RF 5	0 Ω AC CORREC	SENSE:INT	#Avg Type: RMS	07:17:38 AM Jan 07, 2019 TRACE 1 2 3 4 5 6	Frequency
	PNO: Wide 🖵 IFGain:Low	Trig: Free Run Atten: 36 dB	• /	DET A WWWWW	A
10 dB/div Ref 25.0	0 dBm		Mkr1	1.709 972 GHz -24.99 dBm	Auto Tune
		Ĭ			Center Fred
15.0					1.710000000 GH;
5.00					Start Fred
-5.00				DL1 -13.00 dBm	1.708000000 GHz
-15.0		1			Stop Fred
-25.0		and the second and the second se			1.712000000 GH:
-35.0	- And a state of the state of t				CF Step 400.000 kH
-45.0					<u>Auto</u> Mar
-55.0					Freq Offse
-65.0					0 H:
-03.0					Scale Type
Center 1.710000 GH #Res BW 62 kHz		220 kHz	Sween f	Span 4.000 MHz 5.667 ms (1001 pts)	Log <u>Lir</u>
	#VDV		STATU		

Plot 7-238. Lower Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)



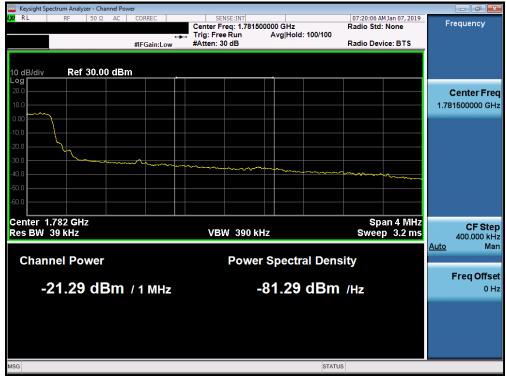
Plot 7-239. Lower Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
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PNO: Wide IFGain:Low Trig: Free Run Atten: 36 dB Trig: Free Run Atten: 36 dB Trig: Free Run Der AttNNNN 10 dB/div Ref 25.00 dBm -25.465 dBm -25.465 dBm -17.00000 150	- 6 -										Analyzer - Swe		
Institution Mkr1 1.780 000 GHz 0.0 Effective Institution 0.0 Effective Institution 0.0 Institution Institution 0.0 <th>Frequency</th> <th>1 2 3 4 5 6</th> <th>TRACE</th> <th>e: RMS</th> <th>#Avg Typ</th> <th>Run</th> <th>Trig: Free</th> <th>ide 🕟</th> <th></th> <th>AC</th> <th>- 50 Ω</th> <th>R</th> <th>X<mark>I</mark>RI</th>	Frequency	1 2 3 4 5 6	TRACE	e: RMS	#Avg Typ	Run	Trig: Free	ide 🕟		AC	- 50 Ω	R	X <mark>I</mark> RI
15.0 5.00	Auto Tun	00 GHz	1.780 000	Mkr1		dB	Atten: 36	.ow	IFGain:L	Bm	f 25.00 d	div Re	
500 1.7 500 0.1.1.300.000 150 0.1.1.300.000 250 0.1.1.300.000 350 0.1.1.300.000 550 0.1.1.300.000 550 0.1.1.300.000 550 0.1.1.300.000 550 0.1.1.300.000 550 0.1.1.300.000 550 0.1.1.300.000 550 0.1.1.1.300.000 550 0.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	Center Fre .780000000 GF	1											
1.7 1.7 150 1 <td>Start Fre .778000000 GF</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>~~~</td> <td>Margan Margan</td> <td></td> <td></td> <td><u>),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u></td> <td><u>4berrenti asok</u></td> <td></td>	Start Fre .778000000 GF						~~~	Margan Margan			<u>),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	<u>4berrenti asok</u>	
S50 Auto 450 550 550	Stop Fre .782000000 GF					1	- United Street						
55.0	CF Ste 400.000 kł o Ma		har and the second s	hanna an hair an h	and and a second second	wayyone							
enter 1.780000 GHz Span 4.000 MHz	Freq Offs 0 I												i5.0
Res BM 62 kHz #VBW 220 kHz Sween 6 667 ms (1001 nts)	Scale Typ	500 IVII 12	Span 4.0										:en
		001 pts)	667 ms (10				220 kHz	#VBW	;		Hz	BW 62	-

Plot 7-240. Upper Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-241. Upper Extended Band Edge Plot (Band 66 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 440 af 202	
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Keysight Spectrum Analyzer - Swept SA				
KI RF 50Ω AC	CORREC SE	NSE:INT #Avg Typ		Frequency
10 dB/div Ref 25.00 dBm	PNO: Wide 🖵 Trig: Fre IFGain:Low Atten: 3		Mkr1 1.709 992 -24.10	GHZ Auto Tune
				Center Freq 1.710000000 GHz
-5.00				Start Freq 1.706000000 GHz
-15.0		1 met		Stop Freq 1.714000000 GHz
-35.0				CF Step 800.000 kHz <u>Auto</u> Man
-55.0				Freq Offset 0 Hz
-65.0				Scale Type
Center 1.710000 GHz #Res BW 120 kHz	#VBW 430 kHz	·	Span 8.000 Sweep 13.33 ms (100) MHz ^{Log <u>Lin</u> 1 pts)}
MSG			STATUS	

Plot 7-242. Lower Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-243. Lower Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 150 of 262
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	ectrum Analy												
X/RL	RF	50 Ω	AC	CORREC			NSE:INT	#Avg Typ	e: RMS	TRA	AM Jan 07, 2019 CE 1 2 3 4 5 6	F	requency
				PNO: Wide IFGain:Low		rig: Free Atten: 36				T) [
10 dB/div	Ref 2	5.00 dE	im						Mkr	1 1.780 -26	008 GHz .38 dBm		Auto Tune
15.0													Center Fre
-5.00	<u></u>	<u>hallen gevil stradyri</u>									DL1 -13.00 dBm	1.77	Start Fre 6000000 GH
-15.0						Ly by	1					1.78	Stop Fre 84000000 G⊦
35.0								ner Laure J. Physion and Antonia	and a second second		a general de van de la constant	<u>Auto</u>	CF Ste 800.000 k⊢ Ma
55.0													Freq Offs 0 ⊦
-65.0													Scale Typ
Center 1. #Res BW				#V	BW 43	30 kHz			Sweep	Span 3 13.33 ms	8.000 MHz (1001 pts)	Log	Li
ISG									STATU				

Plot 7-244. Upper Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-245. Upper Extended Band Edge Plot (Band 66 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dega 151 of 262	
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🔤 Keysight Spectrum Ana									×
LXI RL RF	50 Ω AC	CORREC	SENSE:I		#Avg Type	:RMS	07:40:47 AM Jan 07, 201 TRACE 1 2 3 4	Frequency	
10 dB/div Ref 2	25.00 dBm	PNO: Wide IFGain:Low	Trig: Free Ru Atten: 36 dB	n		Mkr1	1.709 952 GH -24.34 dBi	z Auto Tu	ine
15.0								Center Fr 1.710000000 G	
-5.00						m	DL1 -13.00 dl	Start Fr 1.704000000 G	
-15.0			1					Stop Fr 1.716000000 G	
-35.0								CF St 1.20000 M <u>Auto</u> M	
-55.0								Freq Offs 0	set) Hz
-65.0							0non 42.00 Mil	Scale Ty	/pe Lin
Center 1.710000 #Res BW 200 kl		#VBW	680 kHz		\$	Sweep 1.	Span 12.00 MH 000 ms (1001 pt	12	
MSG						STATUS			

Plot 7-246. Lower Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-247. Lower Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 152 of 262
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	pectrum Analy												- 6 -
X/RL	RF	50 Ω	AC O	ORREC			NSE:INT	#Avg Typ	e: RMS	TR	AM Jan 07, 2019	Fre	equency
				PNO: Wide FGain:Low		g: Free ten: 36				1			
									Mkr	1 1.780	084 GHz		Auto Tun
10 dB/div Log	Ref 2	5.00 dB	m							-24	l.97 dBm		
							ĺ					С	enter Fre
15.0												1.780	000000 GH
5 00	~~~~^~~~	<u>^</u>	ᠰᢇᢧᢧ᠕ᠰ		ma								
5.00													Start Fre
-5.00						{						1.774	000000 GH
						\					DL1 -13.00 dBm		
-15.0						4 .	. 1						Stop Fre
-25.0						hill						1.786	000000 GH
							poper mon	mm					CF Ste
-35.0									- March		the second second		200000 MH
-45.0												<u>Auto</u>	Ma
													req Offse
-55.0													0 H
-65.0													
-03.0												5	Scale Typ
Contor 4	.780000	<u></u>									12.00 MHz	Log	Li
	/ 200 kH			#VI	BW 680) kHz			Sweep	5pan 1.000 <u>ms</u>	(1001 pts)	3	_
ISG									STAT				

Plot 7-248. Upper Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-249. Upper Extended Band Edge Plot (Band 66 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 152 of 262
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	ectrum Analyzer								
LXI RL	RF 5	50Ω AC	CORREC	SEN	ISE:INT	#Avg Typ	e: RMS	08:10:33 AM Jan 07, 201 TRACE 1 2 3 4 5	
			PNO: Wide 🕞	Trig: Free Atten: 36		0 ,1		DET A WWW	
10 dB/div Log	Ref 25.0	10 dBm					Mkr1	1.709 920 GH -25.15 dBr	z Auto Tun n
									Center Fre
15.0									1.710000000 GH
5.00					5	and the second s	and the second second	Jan Martin and Martin and Martin	A Start Fre
-5.00									1.702000000 GH
-15.0								DL1 -13.00 dB	
					1				Stop Fre 1.718000000 G⊦
-25.0		a server	man	unand	w				
									CF Ste 1.600000 MH Auto Ma
-45.0									
-55.0									FreqOffse 0 ⊢
-65.0									
									Scale Typ
	710000 GI 240 kHz	Hz	#VBW	í 820 kHz			Sweep 1	Span 16.00 MH 1.000 ms (1001 pts	z ^{Log <u>L</u>i 5)}
MSG							STATU	S	

Plot 7-250. Lower Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-251. Lower Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 154 of 262
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	pectrum Ana												d ×
X/RL	RF	50 Ω	AC	CORREC		SE	NSE:INT	#Avg Typ	e: RMS		AM Jan 07, 2019 CE 1 2 3 4 5 6	Frequen	су
				PNO: Wi IFGain:Lo	de 🖵 ow	Trig: Fre Atten: 3		• •		די		Auto	T
10 dB/div Log	Ref 2	5.00 dl	Bm						Mkr	1 1.780 : -25	240 GHz .80 dBm	Auto	Tun
15.0												Cente 1.78000000	
5.00	1	~~~~	مممحمد		<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>							Star 1.77200000	
25.0						L.	1				DL1 -13.00 dBm	Stop 1.78800000	
45.0								Marthan Martin		un an	man	CF 1.60000 <u>Auto</u>	F Ste 00 M⊦ Ma
55.0												Freq	Offs 0 H
-65.0												Scale	тур
Center 1. #Res BW				#	VBW	820 kHz			Sweep	Span ′ 1.000 ms	16.00 MHz (1001 pts)	Log	Li
ISG									STATU	JS			

Plot 7-252. Upper Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-253. Upper Extended Band Edge Plot (Band 66 - 20.0MHz QPSK - Full RB Configuration)

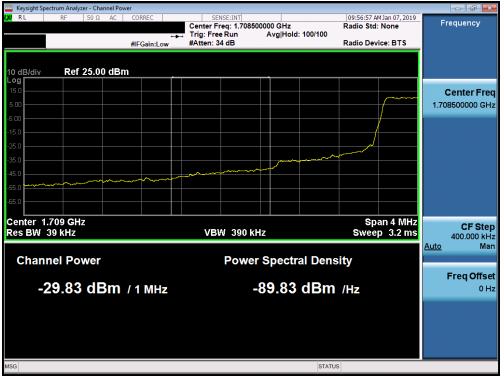
FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 155 of 262
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Band 4

KI RL	RF 50	Ω AC	CORREC	SEN	SE:INT	#Avg Typ			M Jan 07, 2019 CE 1 2 3 4 5 6	F	requency
			PNO: Wide 🕞 IFGain:Low	Trig: Free Atten: 36		#rvg iyp	e. min 3	TY	PE A WWWWW ET A NNNNN		
I0 dB/div	Ref 25.00	0 dBm					Mkr1	1.710 -28	000 GHz 74 dBm		Auto Tu
.og 15.0											Center Fr 10000000 G
5.00							Mangen and			1.70	Start Fr 08000000 G
25.0					1				DL1 -13.00 dBm	1.71	Stop Fr 2000000 G
35.0 				harmon	Ą				n hann	<u>Auto</u>	CF St 400.000 k N
55.0	h	* ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~									Freq Offs 0
65.0	10000 GH	z						Span 4	.000 MHz	Log	Scale Ty
Res BW 1	15 kHz		#VBW	51 kHz			Sweep		.000 MHz (1001 pts)		

Plot 7-254. Lower Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)



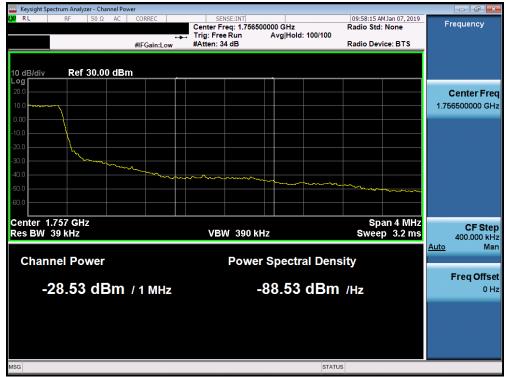
Plot 7-255. Lower Extended Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 156 of 262
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	Spectrum Analyz												
X/ RL	RF	50 Ω	AC	CORREC	ide 😱	Trig: Fre		#Avg Typ	e:RMS	TRA	AM Jan 07, 2019 CE 1 2 3 4 5 6 (PE A WWWWW DET A NNNNN	F	requency
10 dB/div	Ref 25	.00 dE	3m	IFGain:L	ow	Atten: 3	6 dB		Mkr	1 1.755 (000 GHz .78 dBm		Auto Tun
15.0													Center Fre
5.00			~~~~^		~~~~~						DL1 -13.00 dBm	1.75	Start Fre 3000000 GH
25.0							1					1.75	Stop Fre 7000000 Gi
35.0 45.0	m	(ψ				¥	Long .	- Annon	<u></u>			<u>Auto</u>	CF Ste 400.000 kl Ma
55.0 ——											and the second		Freq Offs 0 H
65.0	1.755000 (2117								Snap	1.000 MHz	Log	Scale Typ
	V 15 kHz	5112		#	¢VBW	51 kHz			Sweep	6.667 ms	(1001 pts)		-
ISG									STATU	JS			

Plot 7-256. Upper Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)



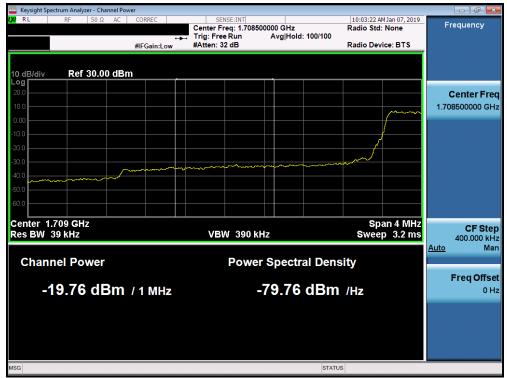
Plot 7-257. Upper Extended Band Edge Plot (Band 4 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 457 of 202
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	pectrum Analyz	zer - Swept SA	A									- 6 💌
X/ RL	RF	50 Ω A	PNO	Wide 🗔			#Avg Typ	e: RMS	10:03:01 AM TRACE TYPE	an 07, 2019 1 2 3 4 5 6 A WWWWW A NNNN	Fre	quency
10 dB/div	Ref 25	.00 dBr		n:Low	Atten: 30	αb		Mkr'	1 1.710 00			Auto Tun
15.0												e nter Fre 000000 GH
5.00								unn <u>Ann</u>	nhun, or han and	Ammony A		Start Fre 000000 G⊦
-15.0						/1				L1 -13.00 dBm		Stop Fre 000000 G⊦
35.0 <u>nam</u>	<u>ma</u> wym.	M.A. your	-marina	hmmm	when the						<u>Auto</u>	CF Ste 400.000 kH Ma
55.0											F	req Offs 0 H
Center 1	.710000 (GH7							Span 4.0		S	cale Typ
	/ 36 kHz	9112		#VBW	130 kHz			Sweep	6.667 ms (1	001 pts)		
ISG								STATU	JS			

Plot 7-258. Lower Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)



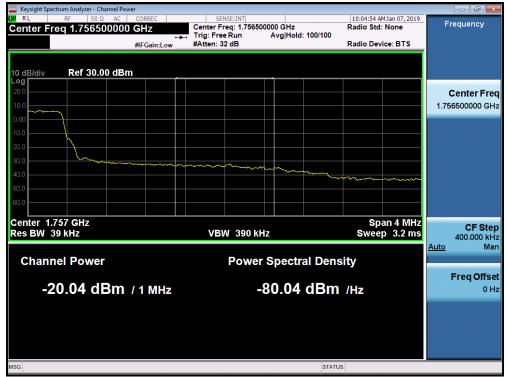
Plot 7-259. Lower Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 450 at 202
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 158 of 363
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	pectrum Analy	zer - Swep	t SA										- # X
XI RL	RF	50 Ω	AC	CORREC PNO: W	ide 😱	Trig: Free		#Avg Typ	e: RMS	TRAC	M Jan 07, 2019 CE 1 2 3 4 5 6 DE A WWWWW A N N N N N	F	requency
10 dB/div	Ref 25	.00 dE	3m	IFGain:L	ow	Atten: 36	6 dB		Mkr	1 1.755 0			Auto Tun
15.0													Center Fre 5000000 GH
5.00	A and a second	htered and	<u></u>			Jan an						1.75	Start Fre 3000000 GH
25.0							1				DL1 -13.00 dBm	1.75	Stop Fre 7000000 GF
45.0								ana marina	Monney	And the second of the second sec	John Conner Conner	<u>Auto</u>	CF Ste 400.000 kl Ma
55.0													Freq Offs 0 I
65.0													Scale Typ
	.755000 / 36 kHz	GHz		\$	¢VBW	130 kHz			Sweep	Span 4 6.667 ms (.000 MHz 1001 pts)	Log	L
ISG									STAT	JS			

Plot 7-260. Upper Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)



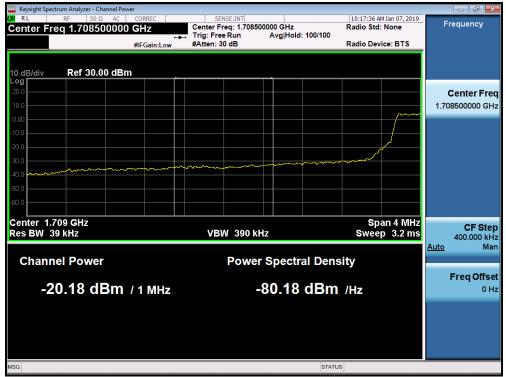
Plot 7-261. Upper Extended Band Edge Plot (Band 4 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	De
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 159 of 363
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Keysight Spectre	um Analyzer - Sw	rept SA								
RL .	RF 50 Ω	AC	CORREC PNO: Wide	Trig: Fre		#Avg Type	RMS	10:17:15 AM Jan 07, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A N N N N N	Frec	uency
10 dB/div	Ref 25.00 (dBm	IFGain:Low	Atten: 36	6 dB		Mkr1	1.709 996 GHz -25.43 dBm	A	uto Tune
15.0										nter Fre 00000 GH
5.00						<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>	<u>~~~~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>, 1 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>		Start Fre
25.0					1 th			DL1 -13.00 dBm		Stop Fre 00000 GH
35.0 	hay been from the second se	non marine and a second se	yerren aleman and a second and a						4 <u>Auto</u>	CF Ste 00.000 k⊢ Ma
55.0									Fr	eqOffso 0 ⊦
-65.0										cale Typ Li
Center 1.71 #Res BW 62			#VB	W 220 kHz		s	weep 6	Span 4.000 MHz .667 ms (1001 pts)	_	
ISG							STATUS	3		

Plot 7-262. Lower Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)



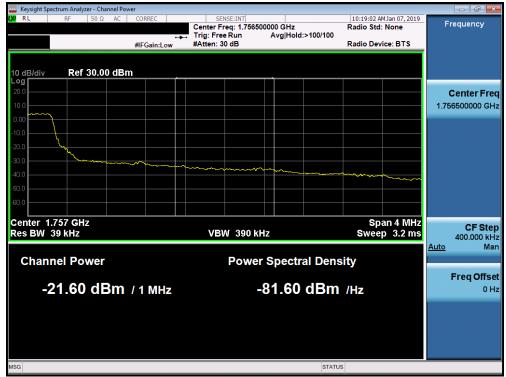
Plot 7-263. Lower Extended Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 160 of 262
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	pectrum Analy	zer - Swep	ot SA									_	
X/RL	RF	50 Ω	AC	CORREC PNO: Wid	le 🖵	Trig: Free		#Avg Typ	e: RMS	TRAC	M Jan 07, 2019 CE 123456 PE A WWWWW ET A N N N N N	F	requency
10 dB/div	Ref 25	5.00 dl	Bm	IFGain:Lo	w	Atten: 36	dB		Mkr1	1.755 (000 GHz 32 dBm		Auto Tun
15.0													Center Fre 5000000 GH
5.00	<u>~~~~~</u>	<u>~~~~</u>	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		****							1.75	Start Fre 3000000 GH
25.0						h how	1				DL1 -13.00 dBm	1.75	Stop Fre 7000000 GH
45.0							an a	and the second		and the second second	᠂᠆᠆᠆᠆	<u>Auto</u>	CF Ste 400.000 kH Ma
55.0													Freq Offs 0 I
65.0												Log	Scale Typ
	.755000 62 kHz	GHz		#	VBW	220 kHz			Sweep (Span 4 5.667 ms (.000 MHz (1001 pts)	LUg	L
ISG									STATU	s			

Plot 7-264. Upper Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-265. Upper Extended Band Edge Plot (Band 4 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	De
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Odd/div Ref 25.00 dBm -24.21 dBm 150 -24.21 dBm -24.21 dBm 171000000 GB -24.21 dBm -24.21 dBm 150 -24.21 dBm -24.21 dBm 150 -24.21 dBm -24.21 dBm 150 -24.21 dBm -24.21 dBm 171000000 GB -24.21 dBm -24.21 dBm 150 -24.21 dBm -24.21 dBm		Spectrum Analyz	er - Swept S	SA										
Mkr1 1.709 968 GHz -24.21 dBm Auto Tu 0 dB/div Ref 25.00 dBm -24.21 dBm 10 dB/div -24.21 dBm -1.7100000 GBm 10 dB/div -24.21 dBm -1.710000 GBm 11 dB/div -24.21 dBm -24.21 dBm 11 dB/div -24.21 dBm <td< th=""><th><mark>0</mark> RL</th><th>RF</th><th>50 Ω /</th><th></th><th>PNO: W</th><th>ide 🖵</th><th>Trig: Fre</th><th>e Run</th><th>#Avg Typ</th><th>e: RMS</th><th>TRA</th><th>CE 1 2 3 4 5 6</th><th>F</th><th>requency</th></td<>	<mark>0</mark> RL	RF	50 Ω /		PNO: W	ide 🖵	Trig: Fre	e Run	#Avg Typ	e: RMS	TRA	CE 1 2 3 4 5 6	F	requency
150 Center Fr 500 Start Fr 500 Cl 1/1500 cm 500 Cl 1/1500 cm 150 Cm 150 Cm 150 Cm 150 Cm 150 <	I0 dB/div	Ref 25	.00 dB		IFGain:L	.ow	Atten: 30			Mkr	1 1.709	968 GHz		Auto Tun
Start Fr 1.70600000 G 150 150 150 150 150 150 150 150	15.0													
150 150 150 150 150 150 150 150									energen filmenergin			ykaanny Ayournandyaata	1.70	Start Fre 6000000 G⊦
25.0 CF Sterner 45.0 Sterner 65.0 Sterner 65.0 Sterner 75.0 Sterner 70.000 GHz 70.000 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>and and provided and and and</td> <td>1 martine</td> <td></td> <td></td> <td></td> <td>DL1 -13.00 dBm</td> <td>1.71</td> <td>Stop Fre 4000000 GH</td>							and and provided and and and	1 martine				DL1 -13.00 dBm	1.71	Stop Fre 4000000 GH
Store Store <th< td=""><td></td><td>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</td><td>www.</td><td>Weber By Abro</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td><u>Auto</u></td><td>CF Ste 800.000 kH Ma</td></th<>		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	www.	Weber By Abro									<u>Auto</u>	CF Ste 800.000 kH Ma
enter 1.710000 GHz Scale Ty Res BW 120 kHz #VBW 430 kHz Sweep 13.33 ms (1001 pts)														Freq Offs 0 H
Res BW 120 kHz #VBW 430 kHz Sweep 13.33 ms (1001 pts)	65.0	.71000 <u>0 (</u>	GHz								Span			Scale Typ
SG STATUS	Res BV				\$	¢VBW	430 kHz				13.33 ms	(1001 pts)		

Plot 7-266. Lower Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-267. Lower Extended Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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	ectrum Analyzer -										
L <mark>XI</mark> RL	RF 5	0Ω AC	CORREC		NSE:INT	#Avg Typ	e: RMS	TRAC	MJan 07, 2019	Fr	equency
			PNO: Wide G	Trig: Free Atten: 36				TYF			
10 dB/div Log	Ref 25.0	0 dBm					Mkr1	1.755 0 -25.	96 dBm		Auto Tune
15.0											Center Free 5000000 GH
-5.00	<u></u>								DL1 -13.00 dBm	1.75	Start Fre 1000000 GH
-15.0				UNIN THE REAL PROPERTY OF	1					1.75	Stop Fre 9000000 GH
-35.0					and and a second se	an a		Martin Parting		<u>Auto</u>	CF Ste 800.000 kH Ma
-45.0										1	FreqOffso 0⊦
-65.0											Scale Typ
Center 1. #Res BW	755000 GH 120 kHz	IZ	#VBW	/ 430 kHz			Sweep 1	Span 8 3.33 ms (.000 MHz 1001 pts)	Log	<u>Li</u>
MSG							STATUS				

Plot 7-268. Upper Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-269. Upper Extended Band Edge Plot (Band 4 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Keysight Spectrun		ot SA								_	
<mark>XI</mark> RL F	RF 50 Ω	Р	NO: Wide	Trig: Fre		#Avg Typ	e:RMS	TRAC	MJan 07, 2019 CE 1 2 3 4 5 6 PE A WWWWW T A N N N N N	Fr	equency
10 dB/div Re	ef 25.00 di		Gain:Low	Atten: 36	αB		Mkr1	1.710 0	00 GHz 29 dBm		Auto Tun
15.0											enter Fre
5.00						ad ^{ha} la Aphanikaa m		du - no de la come de		1.704	Start Fre 1000000 G⊦
25.0				mmhr	1				DL1 -13.00 dBm	1.716	Stop Fre 0000000 G⊦
45.0										1 <u>Auto</u>	CF Ste 200000 MH Ma
55.0										ľ	F req Offs 0 H
enter 1.710	000 GHz							Span 1	2.00 MHz	Log	Scale Typ L
Res BW 200			#VBW	/ 680 kHz			Sweep 1	.000 ms ((1001 pts)		
SG							STATUS	S			

Plot 7-270. Lower Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-271. Lower Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 164 of 262
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	ht Spectrum Ai												
RL	RF	50 Ω	AC	PNO: W	ide 🖵			#Avg Typ	e: RMS	TRA	M Jan 07, 2019 CE 1 2 3 4 5 6 PE A WWWWW ET A N N N N N	Fr	equency
0 dB/d	liv Ref	25.00 d	IBm	IFGain:I	_OW	Atten: 30	, ab		Mkr	1 1.755 (000 GHz 00 dBm		Auto Tur
15.0													enter Fre
5.00		Laton (Angla - Thanks			~~~ <u>~</u> ~~~							1.749	Start Fr 0000000 GI
5.0						h h	1 \^				DL1 -13.00 dBm	1.761	Stop Fr 000000 GI
5.0							Mul	in and the second se	www	of my find	manne	1 <u>Auto</u>	CF Sto 200000 M M
5.0												F	F req Off s 0
5.0	r 1.75500									Snap	2.00 MHz	Log	Scale Typ
	3W 200 k			;	≠vΒW	680 kHz			Sweep	1.000 ms	(1001 pts)		
G									STATU	JS			

Plot 7-272. Upper Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-273. Upper Extended Band Edge Plot (Band 4 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 105 of 202
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	Spectrum Analyze	er - Swept SA	•									
XU RL	RF	50 Ω AC	PNO: V	Vide 🖵	Trig: Free		#Avg Typ	e: RMS	TRAC	MJan 07, 2019 CE 1 2 3 4 5 6 PE A WWWWW T A N N N N N	Fr	equency
10 dB/div	Ref 25.	00 dBm	IFGain 1	Low_	Atten: 36	dB		Mkr1	1.709 9	04 GHz 98 dBm		Auto Tune
15.0												Center Free
5.00							agnonyndyturkul			******	1.70	Start Fre 2000000 GH
25.0					wywhowlow	1 purely				DL1 -13.00 dBm	1.71	Stop Fre 8000000 G⊦
35.0	nn Manna	Marcar and Marcar		y and the second							Auto ¹	CF Ste .600000 MH Ma
55.0												Freq Offs 0 H
65.0	710000									6 00 141-	Log	Scale Typ
	1.710000 C V 270 kHz			#VBW 9	910 kHz			Sweep	span 1 1.000 ms (6.00 MHz (1001 pts)	109	
ISG								STATU	s			

Plot 7-274. Lower Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-275. Lower Extended Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 100 of 202
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	pectrum Analy	zer - Swept S	5A									-	
XI RL	RF	50 Ω /	F	DRREC	e 🖵	Trig: Free Atten: 36		#Avg Typ	e: RMS	TRA	M Jan 07, 2019 CE 123456 PE A WWWWW ET A NNNN	Freq	uency
0 dB/div	Ref 25	.00 dB		FGain:Lo	w	Atten: 30	άΒ		Mkr	1.755 1	112 GHz 19 dBm	A	uto Tun
15.0													nter Fre 00000 G⊦
5.00	had an and a second second	anter and the second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~~								Start Fre
25.0						heller to the second se	1				DL1 -13.00 dBm		top Fre 00000 GH
15.0									hennen		M	1.60 <u>Auto</u>	CF Ste 00000 MH Ma
55.0												Fr	e q Offs 0 I
55.0	755000											So	ale Typ: ∟
	.755000 V 270 kHz			#\	VBW	910 kHz			Sweep	span 1 1.000 ms	6.00 MHz (1001 pts)	209	<u> </u>
SG									STATU	IS			

Plot 7-276. Upper Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)



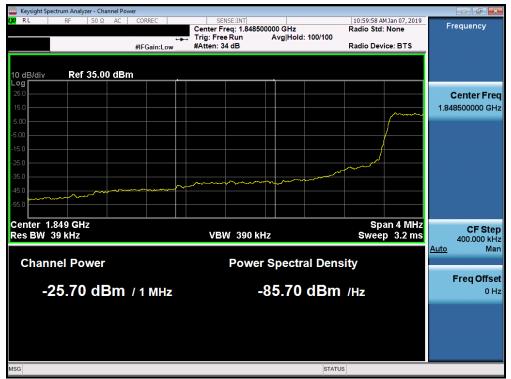
Plot 7-277. Upper Extended Band Edge Plot (Band 4 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 167 of 262
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Plot 7-278. Lower Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)



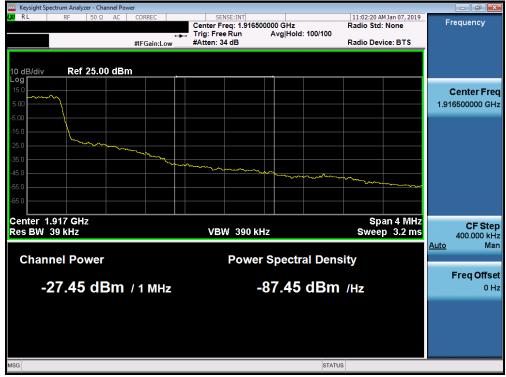
Plot 7-279. Lower Extended Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 169 of 262
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	Spectrum Analyze	r - Swept S										
XI RL	RF	50 Ω A	PI	REC			#Avg Typ	e: RMS	TRAC	M Jan 07, 2019 E 1 2 3 4 5 6 E A WWWW A N N N N N	Fr	equency
10 dB/div	Ref 25.	00 dBi		Sam:Low	Atten			Mkr1	1.915 0 -25.1	00 GHz 68 dBm		Auto Tun
15.0												Center Fre 5000000 GH
5.00										DL1 -13.00 dBm	1.91	Start Fre 3000000 GH
25.0						1					1.91	Stop Fre 7000000 G⊦
35.0							hours	North Contraction	10		<u>Auto</u>	CF Ste 400.000 kH Ma
55.0									- Carlon	eren M		Freq Offs 0 H
65.0												Scale Typ
	I.915000 G V 15 kHz	HZ		#VB	W 51 kHz			Sweep (Span 4 6.667 ms (.000 MHz 1001 pts)	Log	<u>L</u>
ISG								STATU	S			

Plot 7-280. Upper Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)



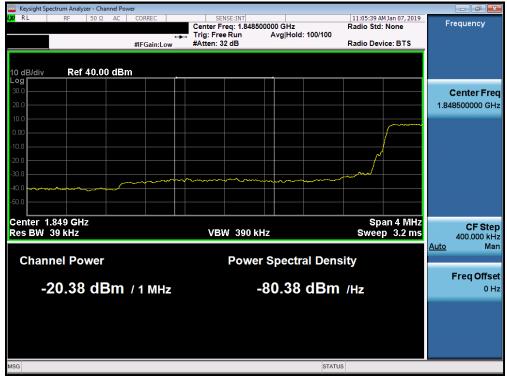
Plot 7-281. Upper Extended Band Edge Plot (Band 25 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153					
Test Report S/N:	Test Dates:	EUT Type:	Dama 400 af 202		
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 169 of 363		
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🚾 Keysight Spectrum Analyzer - Swept SA 👘								- 6
LX RL RF 50Ω AC	CORREC	SENSE	INT	#Avg Typ	e: RMS	11:05:19 AM Jan TRACE	07,2019 2 3 4 5 6	Frequency
	PNO: Wide 😱 IFGain:Low	Trig: Free R Atten: 36 d		•		TYPE A	WWWWW NNNNN	
10 dB/div Ref 25.00 dBm					Mkr1	1.850 000 -24.92	dBm	Auto Tune
15.0								Center Fred 1.85000000 GHz
-5.00								Start Fred 1.848000000 GHz
-15.0		/1 	ب ا ا				-13.00 dBm	Stop Fred 1.852000000 GHz
-35.0	and the second	mont						CF Step 400.000 kH Auto Mar
-55.0								Freq Offse 0 H
-65.0								Scale Type
Center 1.850000 GHz #Res BW 36 kHz	#VBW	130 kHz			Sweep_6	Span 4.00 .667 ms (10		Log <u>Lir</u>
MSG					STATUS			

Plot 7-282. Lower Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)



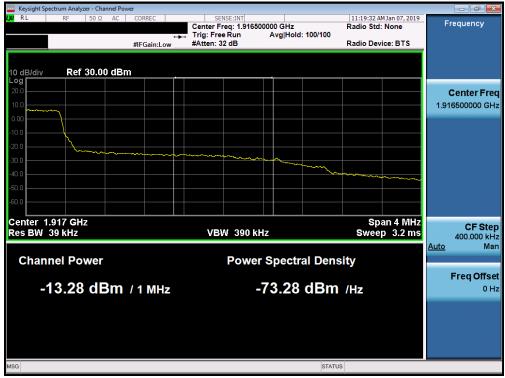
Plot 7-283. Lower Extended Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager						
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	pectrum Analy:												- • •
XI RL	RF	50 Ω A		NO: Wid		Trig: Fre		#Avg Typ	e:RMS	TRA	M Jan 07, 2019 CE 123456 PE A WWWWW ET A N N N N N	F	equency
10 dB/div	Ref 25	.00 dBi	IF	Gain:Lo	w b	Atten: 30	6 dB		Mkr	1 1.915 (Auto Tune
15.0													Center Fre 5000000 GH
5.00	9.000 / Amor	Puturyuntary	<u>~~~</u> ~~~~	~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							1.91	Start Fre 3000000 G⊦
25.0						ł	1	and the second second		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	DL1 -13.00 dBm	1.91	Stop Fre 7000000 G⊦
45.0											man	<u>Auto</u>	CF Ste 400.000 kH Ma
55.0													Freq Offs 0 F
65.0	045000	011-								0.000		Log	Scale Typ
Res BW	.915000 36 kHz	GΠΖ		#	VBW	130 kHz			Sweep	5pan 4 6.667 ms	.000 MHz (1001 pts)	9	<u></u>
ISG									STAT	US			

Plot 7-284. Upper Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)



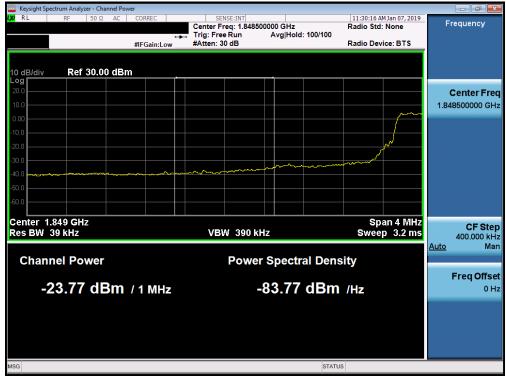
Plot 7-285. Upper Extended Band Edge Plot (Band 25 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager						
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00 RL RF 10 dB/div Ref 25 15.0 -5.00 -15.0 -25.0	ORREC			#Avg Typ		TRAC TYP DE	13an 07, 2019	C 1.850	Auto Tune Genter Freq 1000000 GHz Start Freq 1000000 GHz
Log 15.0 5.00 -5.00 -15.0	FGain:Low	Atten: 36		antarna jir katu Jirna	Mkr1			C 1.850	enter Freq 0000000 GHz Start Freq
-5.00				source the term	at grant Myra myr myr	- Martin	hallalana ang sing	1.850	0000000 GH: Start Fred
-5.00					- 	huunane Varad	and a second	1 848	
									000000 GH
			1				DL1 -13.00 dBm	1.852	Stop Free 2000000 GH
35.0 and the second states of the second sec	lpronter all all and	now along the first of the firs						<u>Auto</u>	CF Ste 400.000 kH Ma
55.0								F	F req Offs e 0 H
-65.0 Center 1.850000						Span 4	.000 MHz		Scale Typ <u>Li</u>
#Res BW 62 kHz	#VBW	220 kHz			Sweep 6	.667 ms (1001 pts)		

Plot 7-286. Lower Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)



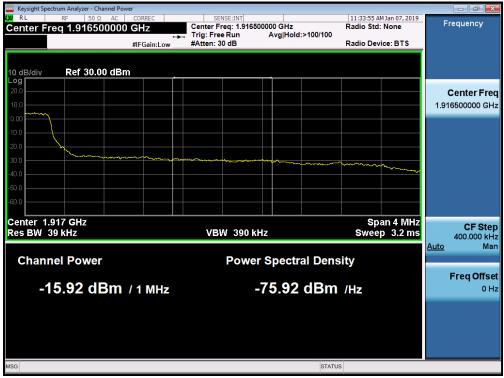
Plot 7-287. Lower Extended Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager						
Test Report S/N:	Test Dates:	EUT Type:	Dage 170 of 262						
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	pectrum Analy	zer - Swept S	SA									_	
XI RL	RF	50 Ω /		ORREC		Trig: Fre		#Avg Typ	e: RMS	TRA	M Jan 07, 2019 CE 1 2 3 4 5 6 PE A WWWWW ET A NNNNN	Fr	equency
10 dB/div	Ref 25	5.00 dB	I	FGain:Lov	v	Atten: 3	dB		Mkr	1 1.915 (000 GHz .92 dBm		Auto Tun
15.0													Center Fre 5000000 G⊦
5.00	<u>%A-12</u>		<u>N</u> N ^C lulvno	*****		~~~					DL1 -13.00 dBm	1.91	Start Fre 3000000 GF
25.0						the second secon	1	mennen	M. J. Marrison, M.	verf ^{under} aler entreformeter	A	1.91	Stop Fre 7000000 GF
45.0												Auto	CF Ste 400.000 kł Ma
55.0													F req Offs 0 I
65.0	.915000	CH-7								Snan	1.000 MHz	Log	Scale Typ L
	.915000 / 62 kHz	GHZ		#V	'BW 2	20 kHz			Sweep	5pan 2 6.667 ms	(1001 MH2)		
SG									STATU	JS			

Plot 7-288. Upper Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-289. Upper Extended Band Edge Plot (Band 25 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager						
Test Report S/N:	Test Dates:	EUT Type:	Dega 172 of 262						
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Keysight Spectrum Analyzer - Swept SA					
LX RL RF 50Ω AC			#Avg Type: RMS	11:46:16 AM Jan 07, 2019 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref 25.00 dBm	PNO: Wide Trig: Fre IFGain:Low Atten: 3		Mkr1	1.849 984 GHz -26.10 dBm	Auto Tune
					Center Freq 1.85000000 GHz
-5.00			a de marca de construction de la construcción de la construcción de la construcción de la construcción de la co	DL1 -13.00 dBm	Start Freq 1.846000000 GHz
-15.0		1 wl			Stop Freq 1.854000000 GH2
-35.0	Walland and a survey of the				CF Step 800.000 kH: <u>Auto</u> Mar
-55.0					Freq Offse 0 H
-65.0 Center 1.850000 GHz					Scale Type
#Res BW 120 kHz	#VBW 430 kHz	2		3.33 ms (1001 pts)	
MSG			STATUS		

Plot 7-290. Lower Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-291. Lower Extended Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 174 of 262
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	pectrum Anal												
X/RL	RF	50 Ω	AC	CORREC			SE:INT	#Avg Typ	e: RMS	TRA	AM Jan 07, 2019 CE 1 2 3 4 5 6	F	requency
				PNO: Wide IFGain:Low		j: Free en: 36				T) C			
									Mkr	1 1.915	016 GHz		Auto Tune
10 dB/div Log r	Ref 2	5.00 dE	3m							-24	.46 dBm		
													Center Fre
15.0												1.91	5000000 GH
5.00	angari ang tarat ka	too the barry on port		المتحجم والمحجم والمحجم والمحجم والمحجم	the section of the se								
0.00													Start Fre
-5.00												1.91	1000000 GH
					1						DL1 -13.00 dBm		
-15.0						\ \.	.1						Stop Fre
-25.0						W.	-					1.91	9000000 GH
							wall any feeling	mentelenner		en my my	when we are a second as a s		CF Ste
-35.0													800.000 kH
-45.0												<u>Auto</u>	Ma
.0.0													
-55.0													Freq Offse
-65.0													Scale Typ
												Log	Li
Center 1 #Res BW				#VE	3W 430	kHz			Sweep	Span 3 13.33 ms	8.000 MHz (1001 pts)	LUg	
ISG									STATU				

Plot 7-292. Upper Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-293. Upper Extended Band Edge Plot (Band 25 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager						
Test Report S/N:	Test Dates:	EUT Type:	Dega 175 of 262						
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🧧 Keysight Spectrum		SA									
LXIRL RF	F 50 Ω	AC CORREC		SENSE		#Avg Type	: RMS	TRAC	M Jan 07, 2019 E 1 2 3 4 5 6	Fr	equency
10 dB/div Re	f 25.00 dB	IFGain		rig: Free R Atten: 36 d			Mkr1	DI 1.849 8	20 GHz 97 dBm		Auto Tune
	20.00 00										Center Fred
-5.00						~~~~	<u>mana non non non non non non non non non </u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	**************************************	1.84	Start Fred 4000000 GHz
-15.0				1 1 1 1	N				DL1 -13.00 dBm	1.85	Stop Fred 5000000 GH;
-35.0		- And and a start of the start	and the second	www.w.W.						1 <u>Auto</u>	CF Stej .200000 MH Mar
-55.0											F req Offse 0 H
-65.0 Center 1.8500	000 GHz							Span 1	2.00 MHz	Log	Scale Type <u>Lir</u>
#Res BW 200			#VBW 68	30 kHz		\$.000 ms ((1001 pts)		
MSG							STATUS				

Plot 7-294. Lower Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)



Plot 7-295. Lower Extended Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager					
Test Report S/N:	Test Dates:	EUT Type:	Dega 176 of 262					
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	pectrum Anal												- 0 💌
X/RL	RF	50 Ω	AC	CORREC			NSE:INT	#Avg Ty	pe: RMS	TRA	AM Jan 07, 2019 ACE 1 2 3 4 5 6	Fre	quency
	_			PNO: Wi IFGain:Lo	de 구 ow	Trig: Fre Atten: 3				T			
10 dB/div Log	Ref 2	5.00 dE	Зm						Mkr	1 1.915 -23	120 GHz .81 dBm		Auto Tun
15.0													enter Fre 000000 GH
5.00		<u> </u>	^_~~~~	mav-la							DL1 -13.00 dBm		Start Fre 000000 GH
-15.0						high	1				DET -13.00 abm	1.921	Stop Fre 000000 G⊦
-45.0							an or other a	Munn	www.		and the	1. <u>Auto</u>	CF Ste 200000 M⊦ Ma
55.0												F	req Offso 0 ⊦
-65.0												5	Scale Typ
	.915000 / 200 kH			#	VBW	680 kHz	2		Sweep	Span 1.000 ms	12.00 MHz (1001 pts)	Log	Li
ISG									STAT				

Plot 7-296. Upper Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)



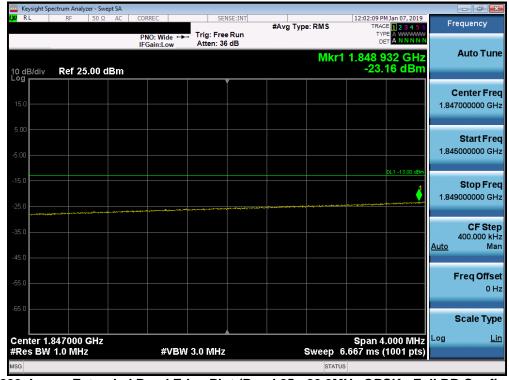
Plot 7-297. Upper Extended Band Edge Plot (Band 25 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager					
Test Report S/N:	Test Dates:	EUT Type:	Dega 177 of 262					
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🔤 Keysight Spectrum Analyzer - Swept SA					
^{(χα} RL RF 50 Ω AC Center Freq 1.850000000			#Avg Type: RMS	12:01:52 PM Jan 07, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A NNNNN	Frequency
10 dB/div Ref 25.00 dBm	i Gam.Low		Mkr	1 1.849 952 GHz -27.00 dBm	Auto Tune
15.0					Center Freq 1.85000000 GHz
-5.00					Start Freq 1.842000000 GHz
-15.0				DL1 -13.00 dBm	Stop Freq 1.858000000 GHz
-35.0					CF Step 1.600000 MH: <u>Auto</u> Mar
-55.0					Freq Offse 0 Ha
-65.0 Center 1.850000 GHz				Span 16.00 MHz	Scale Type
#Res BW 240 kHz	#VBW 820 kH	Z	Sweep	1.000 ms (1001 pts)	

Plot 7-298. Lower Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-299. Lower Extended Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager					
Test Report S/N:	Test Dates:	EUT Type:	Dega 179 of 262					
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	ectrum Anal											_	
X/RL	RF	50 Ω	AC	CORREC		SEI	NSE:INT	#Avg Ty	e: RMS		PM Jan 07, 2019 CE 1 2 3 4 5 6	Fi	requency
				PNO: Wid IFGain:Lo	e W	Trig: Free Atten: 36				T) [Auto Tur
10 dB/div Log	Ref 2	5.00 di	Зm						Mkr	1 1.915 -25	016 GHz .82 dBm		Auto Tun
							Í						Center Fre
15.0												1.91	5000000 GH
5.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Ma⁽)-Géne h		~~~~~	7							Start Fre
-5.00												1.90	7000000 GH
15.0											DL1 -13.00 dBm		Stop Fre
-25.0						Num	1					1.92	3000000 GH
						• 1	hanne	nansprond	man	way and a second			CF Ste
-35.0											monto	Auto	I.600000 MH Ma
45.0													Freq Offse
-55.0													01
-65.0													Scale Typ
Center 1.	015000	CH7								Snan	16.00 MHz		Li
#Res BW				#\	/BW	820 kHz			Sweep	s pan 1.000 ms	(1001 pts)	9	
ISG									STATU	IS			

Plot 7-300. Upper Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-301. Upper Extended Band Edge Plot (Band 25 - 20.0MHz QPSK - Full RB Configuration)

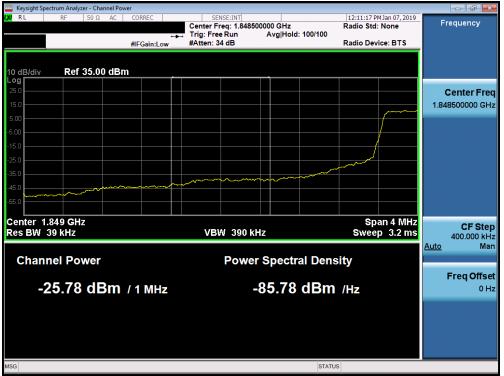
FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager					
Test Report S/N:	Test Dates:	EUT Type:	Dama 470 at 202					
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 179 of 363					
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Band 2

RL RF 50 Ω AC	CORREC	SENSE:INT		12:10:57 PM Jan 07, 2019	-
	PNO: Wide 😱 IFGain:Low	Trig: Free Run Atten: 36 dB	#Avg Type: RMS	TRACE 1 2 3 4 5 6 TYPE A WWWW DET A N N N N N	Frequency
0 dB/div Ref 25.00 dBm		Allen. oo ub	Mkr1	1.849 996 GHz -28.00 dBm	Auto Tur
15.0					Center Fre 1.850000000 GF
5.00				DL1 -13.00 dBm	Start Fre 1.848000000 Gi
25.0		1			Stop Fre 1.852000000 GI
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	N N		" when the second se	<b>CF St</b> e 400.000 ki <u>Auto</u> Mi
55.0					<b>Freq Offs</b> 01
56.0					Scale Typ
enter 1.850000 GHz Res BW 15 kHz	#VBW :	51 kHz	Sweep 6	Span 4.000 MHz 5.667 ms (1001 pts)	Log <u>L</u>

Plot 7-302. Lower Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)



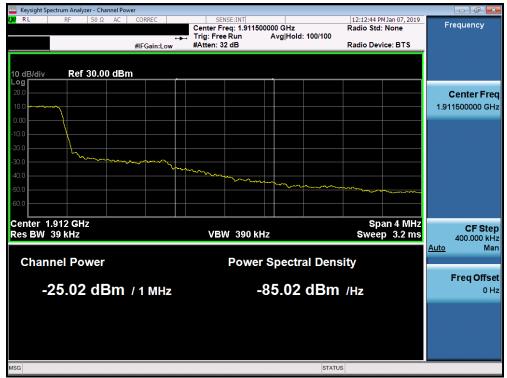
Plot 7-303. Lower Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager						
Test Report S/N:	Test Dates:	EUT Type:	Dega 190 of 202						
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 180 of 363						
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	Spectrum Analyz	er - Swept	: SA									_	
XU RL	RF	50 Ω		CORREC	de 🖵		ree Run	#Avg T	ype: RMS	TR/	PMJan 07, 2019 ACE 1 2 3 4 5 6 APE A 44444 DET A NNNNN	Fi	equency
I0 dB/div	Ref 25	.00 dB		IFGain:L	ow	Atten.	30 dB		Mkr		000 GHz )81 dBm		Auto Tun
15.0													Center Fre 0000000 G⊦
5.00			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		·····						DL1 -13.00 dBm	1.90	<b>Start Fre</b> 8000000 GH
25.0							1					1.91	<b>Stop Fre</b> 2000000 GH
35.0	m						· hum	man	m	www		<u>Auto</u>	CF Ste 400.000 kH Ma
55.0													Freq Offs 0 H
65.0												Log	Scale Typ
	1.910000 ( V 15 kHz	GHZ		#	VBW	51 kHz			Sweep	Span - 6.667 ms	4.000 MHz (1001 pts)	-	
SG									STATU	JS			

Plot 7-304. Upper Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)



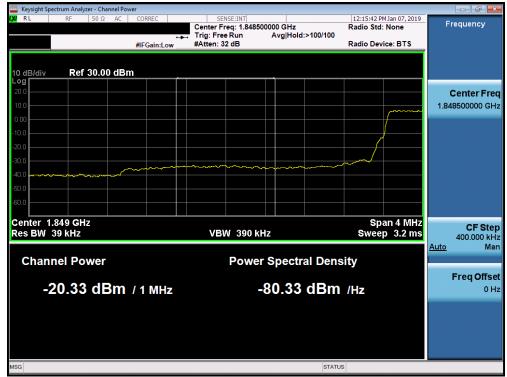
Plot 7-305. Upper Extended Band Edge Plot (Band 2 - 1.4MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager					
Test Report S/N:	Test Dates:	EUT Type:	Degs 101 of 202					
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 181 of 363					
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	um Analyzer - Swe	ept SA							
XU RL	RF 50 Ω	AC	CORREC			#Avg Typ	e:RMS	12:15:30 PM Jan 07, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A N N N N N	Frequency
10 dB/div	Ref 25.00 c	lBm	IFGain:Low	Atten: 36			Mkr1	1.850 000 GHz -24.37 dBm	Auto Tur
15.0									Center Fre 1.850000000 GH
5.00						<u>~~~~~</u>	www.may	han hand hand have been ha	Start Fre 1.848000000 G⊦
.15.0					1			DL1 -13.00 dBm	Stop Fre 1.852000000 G⊦
35.0		the state of the s		and a service of the					CF Ste 400.000 kH <u>Auto</u> Ma
45.0 55.0									Freq Offs 0 H
65.0									Scale Typ
Center 1.85 #Res BW 36			#VBW	/ 130 kHz			Sweep (	Span 4.000 MHz 6.667 ms (1001 pts)	Log <u>L</u>
ISG							STATU	IS	

Plot 7-306. Lower Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)



Plot 7-307. Lower Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager						
Test Report S/N:	Test Dates:	EUT Type:	De						
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 182 of 363						
© 2019 PCTEST Engineering Laboratory, Inc. V 8.7 10/10/2018									



	ectrum Anal	yzer - Swej	pt SA										
<mark>XI</mark> RL	RF	50 Ω	AC	CORREC	ide 😱	Trig: Fre		#Avg Ty	e:RMS	TRA	PMJan 07, 2019 ACE 1 2 3 4 5 6 APE A WWWWW DET A NNNNN	Fr	equency
10 dB/div	Ref 2	5.00 d	Bm	IFGain:I	_ow	Atten: 3	6 dB		Mkr	1 1.910	000 GHz 901 dBm		Auto Tun
15.0													Center Fre
5.00	10 ayrther Marrie	<u>nn-n</u> thai	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		<u>~~~</u> ~~~							1.90	Start Fre
25.0							1				DL1 -13.00 dBm	1.91:	<b>Stop Fre</b> 2000000 G⊦
35.0							har man	nnhhmm	www	www.	man and a second	<u>Auto</u>	CF Ste 400.000 kH Ma
45.0 55.0													F <b>req Offs</b> 0 H
65.0												Log	Scale Typ L
Center 1. ≉Res BW				1	#VBW	130 kHz			Sweep	، Span 6.667 ms	4.000 MHz (1001 pts)	LUg	<u>L</u>
ISG									STAT	US			

Plot 7-308. Upper Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)



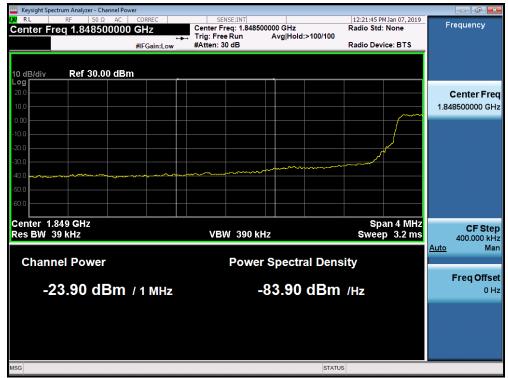
Plot 7-309. Upper Extended Band Edge Plot (Band 2 - 3.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 192 of 262
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🔤 Keysight Spectrum Analyzer - Sw	vept SA				- 5
L <mark>X/</mark> RL RF 50Ω	2 AC CORREC	SENSE:INT	#Avg Type: RMS	12:21:23 PM Jan 07, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A NNNNN	Frequency
10 dB/div Ref 25.00 d	IFGain:Low	Atten: 36 dB	Mkr1	1.849 976 GHz -27.50 dBm	Auto Tune
15.0					<b>Center Fre</b> 1.850000000 GH
5.00			<u>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</u>	gan and sout ( long a south south	<b>Start Fre</b> 1.848000000 GH
25.0		1		DL1 -13.00 dBm	<b>Stop Fre</b> 1.852000000 GH
35.0	warder and the second	AMAYMAA			CF Ste 400.000 kH <u>Auto</u> Ma
55.0					Freq Offso 0 ⊦
-65.0					Scale Typ
Center 1.850000 GHz #Res BW 62 kHz		220 kHz	Sweep 6	Span 4.000 MHz 6.667 ms (1001 pts)	Log <u>Li</u>
ISG			STATUS	3	

Plot 7-310. Lower Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)



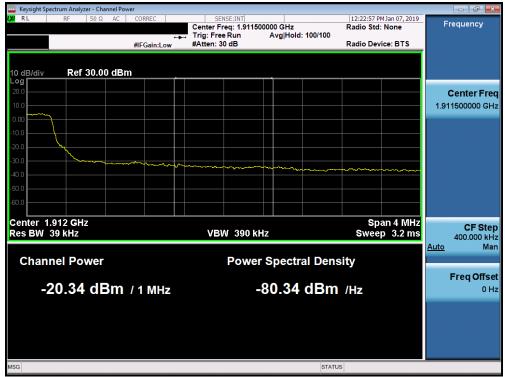
Plot 7-311. Lower Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager					
Test Report S/N:	Test Dates:	EUT Type:	Dage 194 of 262					
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	ectrum Analy:	zer - Swep	ot SA										- #
RL RL	RF	50 Ω	AC	CORREC	ide 😱	Trig: Free		#Avg Typ	e:RMS	TRAC	M Jan 07, 2019 CE 1 2 3 4 5 6 PE A WWWWW ET A N N N N N	F	requency
10 dB/div	Ref 25	.00 dl	Зm	IFGain:L	.ow	Atten: 36	dB		Mkr'	1.910 (	004 GHz 17 dBm		Auto Tun
15.0													Center Fre 0000000 GH
5.00 <b></b>	<u>porto</u>		<u></u>	harrent								1.90	<b>Start Fre</b> 8000000 G⊦
25.0						- tu V	1				DL1 -13.00 dBm	1.91	<b>Stop Fre</b> 2000000 GF
45.0							المحلمية المعركي تصدارهم	aftyrar migryy	an man	ronennynghyrla,	-Julla-santa-	<u>Auto</u>	<b>CF Ste</b> 400.000 kH Ma
55.0													Freq Offs 0 F
65.0												Log	Scale Typ
Center 1.9 #Res BW		GHz		ŧ	¢νΒ₩	220 kHz			Sweep	Span 4 6.667 ms (	.000 MHz (1001 pts)	Log	Li
ISG									STATU	IS			

Plot 7-312. Upper Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)



Plot 7-313. Upper Extended Band Edge Plot (Band 2 - 5.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager					
Test Report S/N:	Test Dates:	EUT Type:	Dage 195 of 202					
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 185 of 363					
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	um Analyzer - Swe									_	
L <mark>X/</mark> RL	RF 50 Ω	AC C	ORREC	SEI	NSE:INT	#Avg Typ	e: RMS	TRAC	M Jan 07, 2019 E 1 2 3 4 5 6	F	requency
			PNO: Wide 🖵 FGain:Low	Trig: Free Atten: 36				TYF DE			
10 dB/div	Ref 25.00 d	Bm					Mkr1	1.849 9 -26.	76 GHz 35 dBm		Auto Tune
15.0											Center Fred 0000000 GH:
-5.00						<u>2006</u> 06789999-96-3007-983	ger fe Mesenine, gesjoeffertie	<b></b>	DL1 -13.00 dBm	1.84	Start Free 6000000 GH:
-15.0					1, v					1.85	<b>Stop Fre</b> 4000000 GH
-35.0	and a set of the set o	مەسىرىلالەم جىر	and a sign of an and a sign of the	and the second sec						<u>Auto</u>	CF Stej 800.000 kH Ma
-55.0											Freq Offse 0 H
-65.0											Scale Type
Center 1.85 #Res BW 12			#VBW	/ 430 kHz			Sweep 1	Span 8 3.33 ms (	.000 MHz 1001 pts)	Log	Lir
MSG							STATUS				

Plot 7-314. Lower Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)



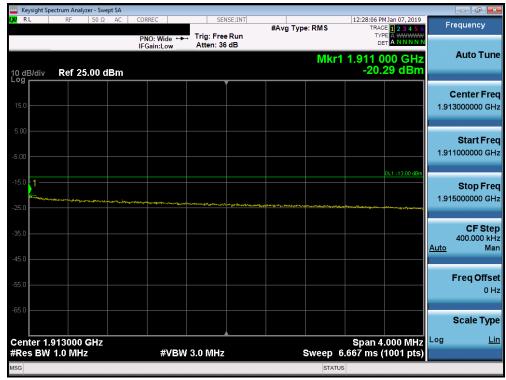
Plot 7-315. Lower Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 196 of 262
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	Spectrum Analy											_	
X/RL	RF	50 Ω	AC	PNO: W	/ide 😱	Trig: Fre		#Avg Typ	e:RMS	TRAC	M Jan 07, 2019 CE <b>1 2 3 4 5</b> 6 PE A WWWWW T A N N N N N	F	requency
I0 dB/div	Ref 2	5.00 di	Bm	IFGain:	Low	Atten: 36	6 dB		Mkr1	1.910 0	)24 GHz 06 dBm		Auto Tun
15.0													Center Fre
5.00		an directory	لتعتل موالمسمة	soored growing								1.90	<b>Start Fr</b> 06000000 G
5.0						h _{hu}	1				DL1 -13.00 dBm	1.91	<b>Stop Fr</b> 4000000 G
5.0							Witcorderaubergulario	wheelen her a street	Mary Mary Mary Mary Mary Mary Mary Mary	ษศารณ์ เกิดราวประวาณหรือเป็น	and and a second	<u>Auto</u>	<b>CF St</b> 800.000 k M
5.0													Freq Offs 0
i5.0	010000	011-								Cnor-O		Log	Scale Ty
	I.910000 V 120 kH				#VBW	430 kHz			Sweep_1	span 8 3.33 m <u>s (</u>	.000 MHz 1001 pts)		-
SG									STATUS				

Plot 7-316. Upper Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)



Plot 7-317. Upper Extended Band Edge Plot (Band 2 - 10.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 197 of 262
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	Spectrum Analyz	er - Swept SA	А									d X
XI RL	RF	50 Ω A	PNO	:Wide 🗔	Trig: Free		#Avg Typ	e:RMS	TRAC	M Jan 07, 2019 DE <b>1 2 3 4 5</b> 6 PE A WWWWW ET A N N N N N	Frequen	су
10 dB/div	Ref 25	.00 dBr		in:Low	Atten: 36	6 dB		Mkr'	1 1.849 7	72 GHz 61 dBm	Auto	Tun
15.0											Cente 1.8500000	
5.00							n mart de mart	······	~~~~~		Star 1.84400000	
-15.0					↓ 1 ↓					DL1 -13.00 dBm	<b>Stoj</b> 1.85600000	
35.0 •^- 45.0	mmynnyn	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	·~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and a start and a start and a start a s	www.						CF 1.20000 <u>Auto</u>	F Ste DO MH Ma
55.0											Freq	Offs 0 H
65.0											Scale	
	1.850000 ( N 200 kHz			#VBW	680 kHz			Sweep	Span 1 1.000 ms (	2.00 MHz (1001 pts)	Log	L
ISG								STATU	JS			

Plot 7-318. Lower Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)



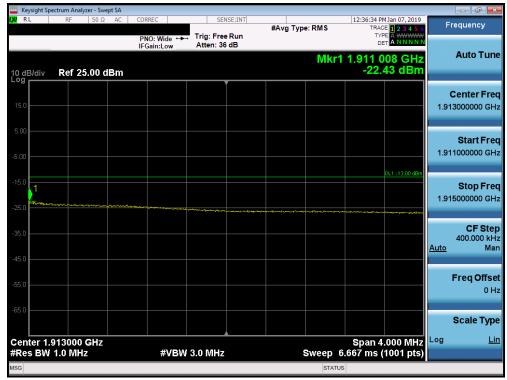
Plot 7-319. Lower Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 199 of 262
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 188 of 363
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	Spectrum Analy											- 6 🛃
K <mark>I</mark> RL	RF	50 Ω A	ORREC	ide 😱	Trig: Fre		#Avg Typ	e:RMS	TRA	M Jan 07, 2019 CE 1 2 3 4 5 6 PE A WWWWW ET A N N N N N	Fre	equency
0 dB/div	Ref 25	.00 dBi	 IFGain:L	ow	Atten: 36	6 dB		Mkr1	1.910 (	060 GHz 92 dBm		Auto Tur
15.0												enter Fre
5.00	Markan Mana Markan		 ~~~~								1.904	<b>Start Fr</b> 000000 GI
25.0					har	1				DL1 -13.00 dBm	1.916	<b>Stop Fr</b> 000000 GI
15.0 <b></b>						War war	un m	mann	m		1. <u>Auto</u>	CF Ste 200000 MI M
5.0											F	F <b>req Offs</b> 0
i5.0												Scale Ty
	1.910000 N 200 kHz		#	VBW	680 kHz			Sweep 1	Span 1 1.000 ms	2.00 MHz (1001 pts)	Log	L
SG								STATU	s			

Plot 7-320. Upper Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)



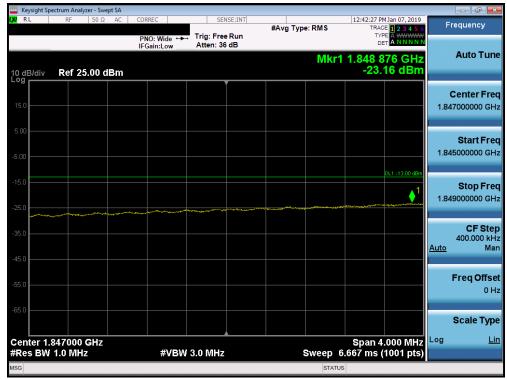
Plot 7-321. Upper Extended Band Edge Plot (Band 2 - 15.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 190 of 262
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 189 of 363
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	pectrum Analyze								
L <mark>XI</mark> RL	RF	50 Ω AC	CORREC	SEN	ISE:INT	#Avg Typ	e: RMS	12:42:12 PM Jan 07, 2019 TRACE 1 2 3 4 5 (	Frequency
			PNO: Wide 🖵 IFGain:Low	Trig: Free Atten: 36		0 ,1		TYPE A WWWW DET A NNNN	
10 dB/div Log	Ref 25.0	00 dBm					Mkr	1 1.850 000 GHz -26.69 dBm	Auto Tune
15.0									Center Fred 1.850000000 GH:
-5.00								DL1 -13.00 dBm	Start Free 1.842000000 GH
-15.0					1				<b>Stop Fre</b> 1.858000000 GH
-35.0	wandsom	mar Marine	www.www.	n n n n n n n n n n n n n n n n n n n					<b>CF Stej</b> 1.600000 MH <u>Auto</u> Ma
-55.0									Freq Offse 0 H
-65.0									Scale Type
	.850000 G / 240 kHz	Hz	#VBW	820 kHz			Sweep	Span 16.00 MHz 1.000 ms (1001 pts)	Log <u>Lir</u>
MSG							STATU	IS	

Plot 7-322. Lower Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)



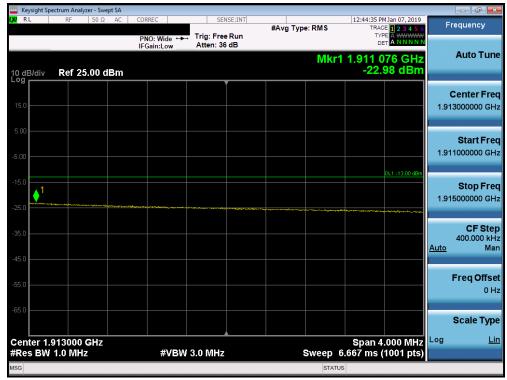
Plot 7-323. Lower Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 100 of 262
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	pectrum Analy:	zer - Swept	SA										- 6 론
KU RL	RF	50 Ω	AC	CORREC	de 😱	Trig: Free		#Avg Typ	e:RMS	TRA	PM Jan 07, 2019 CE 1 2 3 4 5 6 PE A WWWWW DET A NNNNN	Fre	quency
0 dB/div	Ref 25	.00 dB	sm	IFGain:L	ow	Atten: 36	dB		Mkr1	1.910	144 GHz 16 dBm		Auto Tun
15.0													enter Fre 000000 GH
5.00		********	~~~\ <u>A</u> _~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~								Start Fre
25.0						- How	1				DL1 -13.00 dBm	1.918	<b>Stop Fre</b> 000000 GI
5.0							- myshow		mannagen	M. Marrow	where the second	1. <u>Auto</u>	CF Ste 600000 MI M
5.0												F	req Offs 0
65.0													Scale Typ
	.910000 ( 240 kHz			#	VBW	820 kHz			Sweep	Span 1 1.000 ms	16.00 MHz (1001 pts)	Log	Ŀ
SG									STATU	s			

Plot 7-324. Upper Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)



Plot 7-325. Upper Extended Band Edge Plot (Band 2 - 20.0MHz QPSK - Full RB Configuration)

FCC ID: BCGA2153		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
Test Report S/N:	Test Dates:	EUT Type:	Dega 101 of 262				
1C1811080028-03-R1.BCG	11/09/2018-02/06/2019	Tablet Device	Page 191 of 363				
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