

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
				26	0	135/143.4 (MCS11)	4.10	2.50	6.60	10.0	-3.40
	5180	36	ax (20MHz)	26	4	135/143.4 (MCS11)	3.27	2.50	5.77	10.0	-4.23
				26	8	135/143.4 (MCS11)	4.03	2.50	6.53	10.0	-3.47
				26	0	135/143.4 (MCS11)	3.98	2.50	6.48	10.0	-3.52
	5200	40	ax (20MHz)	26	4	135/143.4 (MCS11)	3.12	2.50	5.62	10.0	-4.38
				26	8	135/143.4 (MCS11)	4.09	2.50	6.59	10.0	-3.41
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	3.75	2.50	6.25	10.0	-3.75
_				26	4	135/143.4 (MCS11)	3.34	2.50	5.84	10.0	-4.16
Band 1				26	8	135/143.4 (MCS11)	3.73	2.50	6.23	10.0	-3.77
Bar				26	0	271/286.8 (MCS11)	3.85	2.50	6.35	10.0	-3.65
_	5190	38	ax (40MHz)	26	8	271/286.8 (MCS11)	4.78	2.50	7.28	10.0	-2.72
				26	17	271/286.8 (MCS11)	3.38	2.50	5.88	10.0	-4.12
				26	0	271/286.8 (MCS11)	3.51	2.50	6.01	10.0	-3.99
	5230	46	ax (40MHz)	26	8	271/286.8 (MCS11)	4.40	2.50	6.90	10.0	-3.10
				26	17	271/286.8 (MCS11)	3.95	2.50	6.45	10.0	-3.55
				26	0	567/600.5 (MCS11)	3.31	2.50	5.81	10.0	-4.19
	5210	42	ax (80MHz)	26	18	567/600.5 (MCS11)	3.00	2.50	5.50	10.0	-4.50
				26	36	567/600.5 (MCS11)	3.66	2.50	6.16	10.0	-3.84

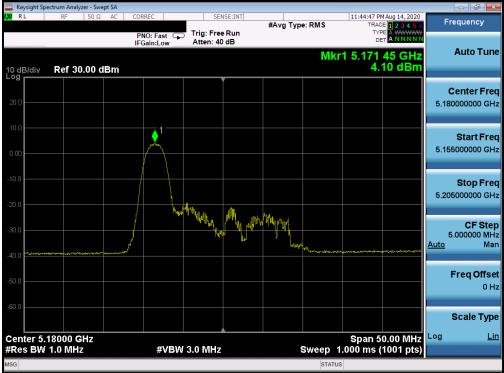
Table 7-68. ISED Band 1 e.i.r.p. Power Spectral Density Measurements ANT WF8 (RU26)

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	4.17	2.50	6.67	10.0	-3.33
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	3.97	2.50	6.47	10.0	-3.53
nd 1	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	3.95	2.50	6.45	10.0	-3.55
Bar	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-1.04	2.50	1.46	10.0	-8.54
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	3.59	2.50	6.09	10.0	-3.91
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.62	2.50	-1.12	10.0	-11.12

Table 7-69. ISED Band 1 e.i.r.p. Power Spectral Density Measurements ANT WF8 (Fully-loaded RU)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 217 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 217 of 591
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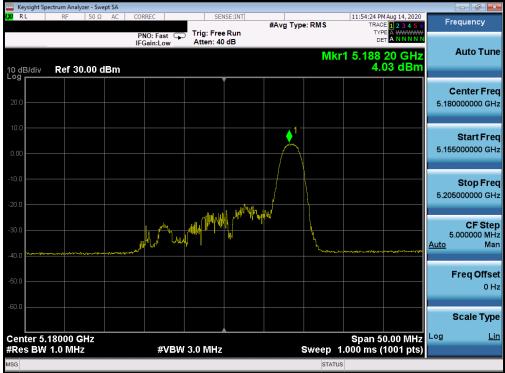
Plot 7-313. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 36)



Plot 7-314. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 36)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 219 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 218 of 591
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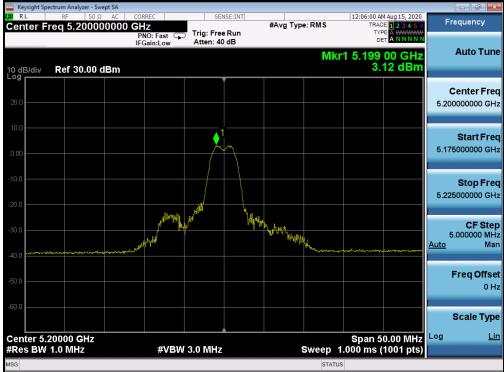
Plot 7-315. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 36)



Plot 7-316. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 40)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 040 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 219 of 591
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Plot 7-317. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 40)



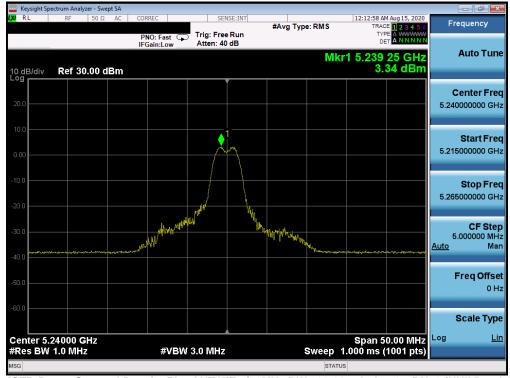
Plot 7-318. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8- RU26 (UNII Band 1) - Ch. 40)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 220 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 220 of 591
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Keysight Spectrum Analyzer - Swept S					
ເ₩ RL RF 50 Ω A Center Freq 5.2400000		SENSE:INT	#Avg Type: RMS	12:10:35 AM Aug 15, 2020 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref 30.00 dBr	PNO: Fast 🖵 IFGain:Low	Trig: Free Run Atten: 40 dB	Mk	r1 5.231 40 GHz 3.75 dBm	Auto Tune
					Center Freq 5.240000000 GHz
0.00					<b>Start Freq</b> 5.215000000 GHz
-10.0					<b>Stop Freq</b> 5.265000000 GHz
-30.0		within mark thank wing			<b>CF Step</b> 5.000000 MHz <u>Auto</u> Man
-50.0					<b>Freq Offset</b> 0 Hz
-60.0					Scale Type
Center 5.24000 GHz #Res BW 1.0 MHz	#\/B\M	3.0 MHz	Swoon	Span 50.00 MHz 1.000 ms (1001 pts)	Log <u>Lin</u>
#Res BW 1.0 WIHZ	#VDW	5.0 WINZ	Sweep		

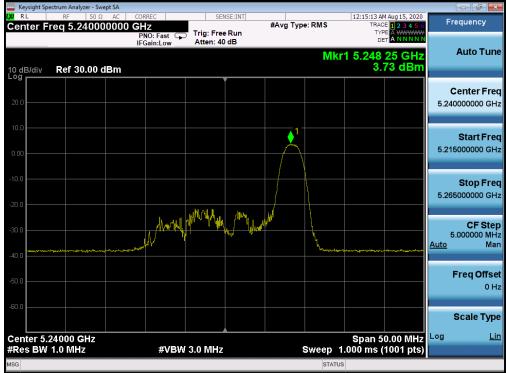
Plot 7-319. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 48)



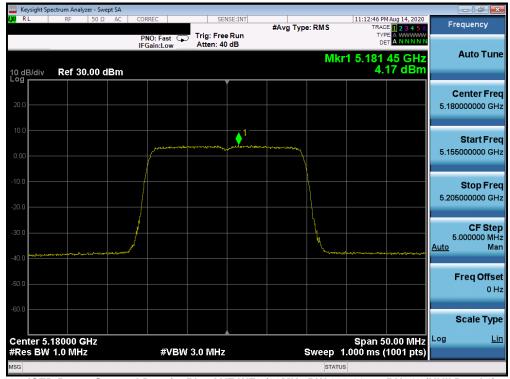
Plot 7-320. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 48)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
Test Report S/N:	Test Dates:	EUT Type:	Dega 221 of 501				
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 221 of 591				
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Plot 7-321. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 48)



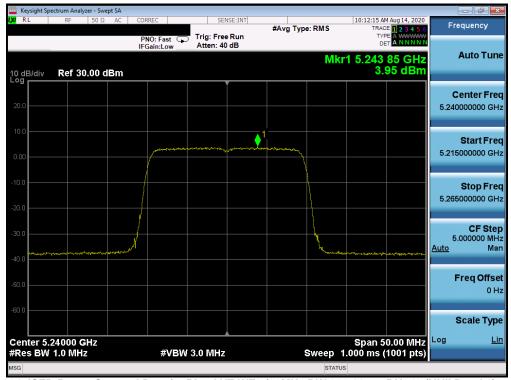
Plot 7-322. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) - Ch. 36)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dawa 000 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 222 of 591
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Keysight Spectrum Analyzer - Swept SA					
🗶 RL RF 50Ω AC		#Avg Typ	e: RMS TRAC	- 1 2 3 4 3 0	requency
10 dB/div Ref 30.00 dBm	PNO: Fast Trig: Fre IFGain:Low Atten: 4		■ Mkr1 5.202	00 GHz 97 dBm	Auto Tune
20.0					<b>Center Freq</b> 00000000 GHz
0.00		1		5.17	Start Freq 5000000 GHz
-10.0				5.22	Stop Fred 5000000 GHz
-30.0				Auto	CF Step 5.000000 MH Mar
-50.0					Freq Offse 0 H:
Center 5.20000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz		Span 5 Sweep 1.000 ms (	0.00 MHz	Scale Type Lir
MSG	# <b>U</b> BW 5.0 Witz		STATUS		

Plot 7-323. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) - Ch. 40)



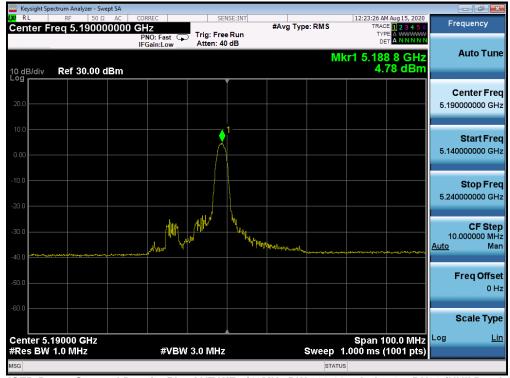
Plot 7-324. ISED Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) - Ch. 48)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	D 000 -f 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 223 of 591
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	ectrum Analyzer - Swe									_	
I,XI RL	RF 50 Ω	AC CC	ORREC	SE	NSE:INT	#Avg Typ	e: RMS	TRAC	M Aug 15, 2020	Fr	equency
10 dB/div	Ref 30.00 d	IF	PNO: Fast 🕞	Trig: Fre Atten: 40			Mk	r1 5.17	2 3 GHz 85 dBm		Auto Tune
20.0											<b>Center Freq</b> 0000000 GHz
0.00										5.14	Start Freq 0000000 GHz
-10.0				Markey.						5.24	<b>Stop Freq</b> 0000000 GHz
-30.0	5-1-1-1-1-5-1-1-1-1-1-1-1-1-1-1-1-1-1-1				Huhriquetare	adrikenskoverture	and the start and the start	ĸŋĴĸĸ <sup>ĸ</sup> ſĸ <mark>₽</mark> ĹĸŒ⋫ġĨĿĸŊŗ	na glanga da geng pangharin dang	10 <u>Auto</u>	CF Step .000000 MHz Man
-50.0											F <b>req Offset</b> 0 Hz
-60.0	19000 GHz							Span 1	00.0 MHz	Log	Scale Type <u>Lin</u>
#Res BW			#VBW	3.0 MHz			Sweep 1	.000 ms (	(1001 pts)		
MSG							STATUS				

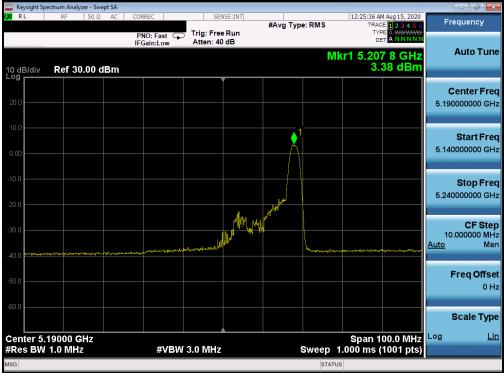
Plot 7-325. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 38)



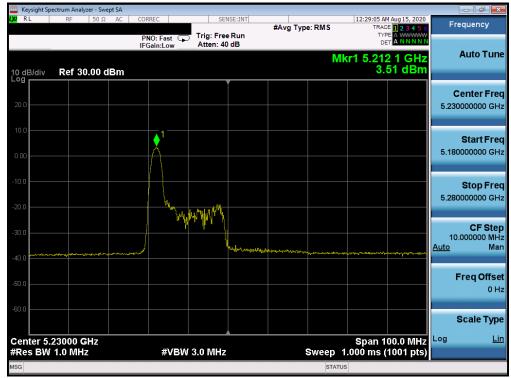
Plot 7-326. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 38)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 224 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 224 of 591
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Plot 7-327. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 1) - Ch. 38)



Plot 7-328. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2316	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 225 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 225 of 591
© 2020 PCTEST			V 10.2 04/22/2020



	trum Analyzer - Swept SA								
Center Fre	RF 50 Ω AC eq 5.23000000	CORREC 0 GHz			#Avg Typ	e: RMS	TRAC	Aug 15, 2020	Frequency
10 dB/div	Ref 30.00 dBm	PNO: Fast 🖵 IFGain:Low	Atten: 40			M	kr1 5.228	3 7 GHz 40 dBm	Auto Tune
20.0									Center Fred 5.230000000 GHz
0.00				1					Start Fred 5.180000000 GHz
-10.0									Stop Fred 5.280000000 GHz
-30.0	And a second second second second	nalwyd ll manw	t pr <sup>urd</sup>	hu Manyaliyi	Multingenering	and and the one of the	an a	anger fre oorste free	CF Step 10.000000 MHz <u>Auto</u> Mar
-50.0									Freq Offse 0 Hz
-60.0									Scale Type
Center 5.23 #Res BW 1		#VBW	/ 3.0 MHz			Sweep ′	Span 1 1.000 ms (	00.0 MHz 1001 pts)	Log <u>Lir</u>
MSG						STATU			

Plot 7-329. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 46)



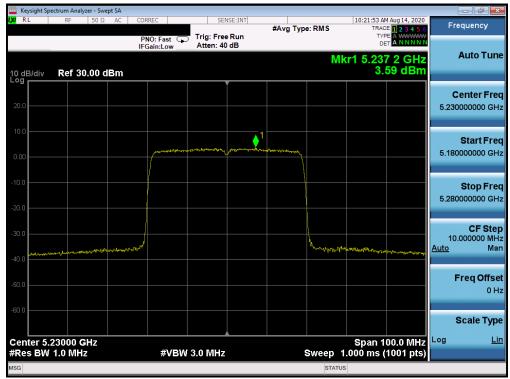
Plot 7-330. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 000 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 226 of 591
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	ectrum Analyzer -									
(XI RL	RF 50	Ω AC	CORREC		SE:INT	#Avg Typ	e: RMS	TRAC	Aug 14, 2020	Frequency
10 dB/div	Ref 30.00	) dBm	PNO: Fast IFGain:Low	Trig: Free Atten: 40			M	or 1 5.19	7 5 GHz 04 dBm	Auto Tune
20.0										Center Freq 5.190000000 GHz
0.00				an to fait and a state of the	1					<b>Start Freq</b> 5.140000000 GHz
-10.0										<b>Stop Freq</b> 5.240000000 GHz
-30.0	street-outlage that they take	ange after the street					hormono	الالاساليميونيتي العي	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<b>CF Step</b> 10.000000 MHz <u>Auto</u> Man
-50.0										<b>Freq Offset</b> 0 Hz
-60.0										Scale Type
Center 5. #Res BW	19000 GHz 1.0 MHz		#VBW	3.0 MHz			Sweep 1	Span 1 .000 ms (	00.0 MHz 1001 pts)	Log <u>Lin</u>
MSG							STATUS	3		

Plot 7-331. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax - RU484 (UNII Band 1) - Ch. 38)



Plot 7-332. ISED Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax - RU484 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 227 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 227 of 591
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	ectrum Analyzer - Swep					
LXI RL	RF 50 Ω	AC CORREC	SENSE:INT SO	URCE OFF ALIGN AUTO #Avg Type: RMS	05:53:42 AM Jul 24, 2020 TRACE 1 2 3 4 5 6	Frequency
10 dB/div	Ref 20.00 di	PNO: Fast IFGain:Low	) Trig: Free Run Atten: 30 dB	M	кr1 5.172 0 GHz 3.31 dBm	Auto Tune
10.0		• 1				Center Freq 5.210000000 GHz
-10.0						<b>Start Freq</b> 5.110000000 GHz
-20.0						<b>Stop Freq</b> 5.310000000 GHz
-40.0	ente a fanta a		Helenner Herner	hunger and the second second	a serenderski formanske stiket sjolgerske	CF Step 20.000000 MHz <u>Auto</u> Man
-60.0						<b>Freq Offset</b> 0 Hz
Center 5.2						Scale Type
#Res BW	1.0 MHz	#VBW	3.0 MHz		1.000 ms (1001 pts)	
MSG				STATU	s	

Plot 7-333. ISED Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 42)



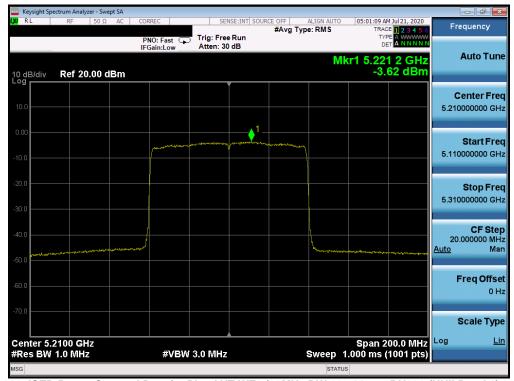
Plot 7-334. ISED Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 18 - RU26 (UNII Band 1) - Ch. 42)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	D 000 -f 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 228 of 591
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	ectrum Analyzer - Swept					
LXI RL	RF 50 Ω	AC CORREC	SENSE:INT SO	URCE OFF ALIGN AUTO #Avg Type: RMS	05:50:55 AM Jul 24, 2020 TRACE 1 2 3 4 5 6	Frequency
10 dB/div	Ref 20.00 dE	PNO: Fast C IFGain:Low	<ul> <li>Trig: Free Run</li> <li>Atten: 30 dB</li> </ul>	MI	type A WWWWW DET A NNNNN (r1 5.248 0 GHz 3.66 dBm	Auto Tune
10.0				1		Center Freq 5.210000000 GHz
-10.0						Start Freq 5.110000000 GHz
-20.0				M		<b>Stop Freq</b> 5.310000000 GHz
-40.0	and a start of the	murantana pantapatan	. Langer and the state of the s	11 V.	การเสารแหน่งเป็นเป็นๆ	CF Step 20.000000 MHz <u>Auto</u> Man
-60.0						Freq Offset 0 Hz
-70.0						Scale Type
Center 5.2 #Res BW		#VB	W 3.0 MHz	Sweep 1	Span 200.0 MHz .000 ms (1001 pts)	Log <u>Lin</u>
MSG				STATU	3	

Plot 7-335. ISED Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 36 - RU26 (UNII Band 1) - Ch. 42)



Plot 7-336. ISED Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax - RU996 (UNII Band 1) - Ch. 42)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 000 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 229 of 591
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## Antenna WF7a Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]	
				26	0	135/143.4 (MCS11)	8.47	11.0	-2.53	
	5180	36	ax (20MHz)	26	4	135/143.4 (MCS11)	7.78	11.0	-3.22	
				26	8	135/143.4 (MCS11)	8.53	11.0	-2.47	
				26	0	135/143.4 (MCS11)	8.63	11.0	-2.37	
	5200	40	ax (20MHz)	26	4	135/143.4 (MCS11)	8.01	11.0	-2.99	
				26	8	135/143.4 (MCS11)	8.49	11.0	-2.51	
				26	0	135/143.4 (MCS11)	9.08	11.0	-1.92	
_	5240	48	ax (20MHz)	26	4	135/143.4 (MCS11)	8.45	11.0	-2.55	
Band 1				26	8	135/143.4 (MCS11)	9.27	11.0	-1.73	
Bal				26	0	271/286.8 (MCS11)	8.49	11.0	-2.51	
	5190	38	ax (40MHz)	26	8	271/286.8 (MCS11)	9.03	11.0	-1.97	
				26	17	271/286.8 (MCS11)	8.65	11.0	-2.35	
				26	0	271/286.8 (MCS11)	8.65	11.0	-2.35	
	5230	46	ax (40MHz)	26	8	271/286.8 (MCS11)	9.48	11.0	-1.52	
				26	17	271/286.8 (MCS11)	9.27	11.0	-1.73	
				26	0	567/600.5 (MCS11)	7.24	11.0	-3.76	
	5210	42	ax (80MHz)	26	18	567/600.5 (MCS11)	6.52	11.0	-4.48	
				26	36	567/600.5 (MCS11)	7.74	11.0	-3.26	
				26	0	135/143.4 (MCS11)	9.14	11.0	-1.86	
	5260	52	ax (20MHz)	26	4	135/143.4 (MCS11)	8.68	11.0	-2.32	
				26	8	135/143.4 (MCS11)	9.10	11.0	-1.90	
				26	0	135/143.4 (MCS11)	9.56	11.0	-1.44	
	5280	56	ax (20MHz)	26	4	135/143.4 (MCS11)	8.95	11.0	-2.05	
			. ,	26	8	135/143.4 (MCS11)	9.72	11.0	-1.28	
				26	0	135/143.4 (MCS11)	9.50	11.0	-1.50	
	5320	64	ax (20MHz)	26	4	135/143.4 (MCS11)	8.90	11.0	-2.10	
24				26	8	135/143.4 (MCS11)	9.27	11.0	-1.73	
Band 2A					26	0	271/286.8 (MCS11)	8.86	11.0	-2.14
ä	5270	54	ax (40MHz)	26	8	271/286.8 (MCS11)	9.88	11.0	-1.12	
		-		26	17	271/286.8 (MCS11)	9.57	11.0	-1.43	
				26	0	271/286.8 (MCS11)	9.16	11.0	-1.84	
	5310	62	ax (40MHz)	26	8	271/286.8 (MCS11)	9.91	11.0	-1.09	
				26	17	271/286.8 (MCS11)	9.59	11.0	-1.41	
				26	0	567/600.5 (MCS11)	8.72	11.0	-2.28	
	5290	58	ax (80MHz)	26	18	567/600.5 (MCS11)	7.86	11.0	-3.14	
			, ,	26	36	567/600.5 (MCS11)	8.79	11.0	-2.21	
				26	0	135/143.4 (MCS11)	9.16	11.0	-1.84	
	5500	100	ax (20MHz)	26	4	135/143.4 (MCS11)	8.69	11.0	-2.31	
				26	8	135/143.4 (MCS11)	9.16	11.0	-1.84	
				26	0	135/143.4 (MCS11)	9.32	11.0	-1.68	
	5580	116	ax (20MHz)	26	4	135/143.4 (MCS11)	8.78	11.0	-2.22	
			,	26	8	135/143.4 (MCS11)	9.37	11.0	-1.63	
				26	0	135/143.4 (MCS11)	9.47	11.0	-1.53	
	5720	144	ax (20MHz)	26	4	135/143.4 (MCS11)	8.98	11.0	-2.02	
			, <u>-</u> ,	26	8	135/143.4 (MCS11)	9.52	11.0	-1.48	
				26	0	271/286.8 (MCS11)	8.26	11.0	-2.74	
	5510	102	ax (40MHz)	26	8	271/286.8 (MCS11)	8.90	11.0	-2.10	
Band 2C			,	26	17	271/286.8 (MCS11)	8.34	11.0	-2.66	
and				26	0	271/286.8 (MCS11)	9.05	11.0	-1.95	
ő	5550	110	ax (40MHz)	26	8	271/286.8 (MCS11)	9.96	11.0	-1.04	
		110		26	17	271/286.8 (MCS11)	8.98	11.0	-2.02	
				26	0	271/286.8 (MCS11)	9.00	11.0	-2.00	
	5710	142	ax (40MHz)	26	8	271/286.8 (MCS11)	10.02	11.0	-0.98	
				26	17	271/286.8 (MCS11)	9.36	11.0	-1.64	
				26	0	567/600.5 (MCS11)	8.59	11.0	-2.41	
	5530	106	ax (80MHz)	26	18	567/600.5 (MCS11)	7.97	11.0	-3.03	
			GUT (CONTRE)	26	36	567/600.5 (MCS11)	8.74	11.0	-2.26	
				26	0	567/600.5 (MCS11)	8.61	11.0	-2.20	
	5690	138	ax (80MHz)	26	18	567/600.5 (MCS11)	8.17	11.0	-2.39	
	0000	100		26	36	567/600.5 (MCS11)	8.79	11.0	-2.03	
	L	L		1		nsity Measur				

Table 7-70. Bands 1, 2A, 2C Power Spectral Density Measurements ANT WF7a (RU26)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 220 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 230 of 591
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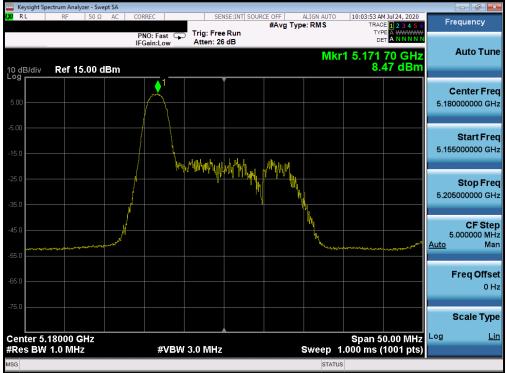


Ţ	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	5.62	11.0	-5.38
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	9.17	11.0	-1.83
Band 1	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	9.45	11.0	-1.55
Bar	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.92	11.0	-11.92
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	6.98	11.0	-4.02
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.69	11.0	-14.69
	5260	52	ax (20MHz)	242	61	135/143.4 (MCS11)	9.61	11.0	-1.39
	5280	56	ax (20MHz)	242	61	135/143.4 (MCS11)	9.81	11.0	-1.19
Band 2A	5320	64	ax (20MHz)	242	61	135/143.4 (MCS11)	6.25	11.0	-4.75
Ban	5270	54	ax (40MHz)	484	65	271/286.8 (MCS11)	7.15	11.0	-3.85
	5310	62	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.24	11.0	-11.24
	5290	58	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.98	11.0	-14.98
	5500	100	ax (20MHz)	242	61	135/143.4 (MCS11)	5.17	11.0	-5.83
	5580	116	ax (20MHz)	242	61	135/143.4 (MCS11)	9.51	11.0	-1.49
	5720	144	ax (20MHz)	242	61	135/143.4 (MCS11)	9.52	11.0	-1.48
d 2C	5510	102	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.44	11.0	-11.44
Band 2C	5550	110	ax (40MHz)	484	65	271/286.8 (MCS11)	7.37	11.0	-3.63
	5710	142	ax (40MHz)	484	65	271/286.8 (MCS11)	7.47	11.0	-3.53
	5530	106	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.11	11.0	-15.11
	5690	138	ax (80MHz)	996	67	567/600.5 (MCS11)	4.38	11.0	-6.62

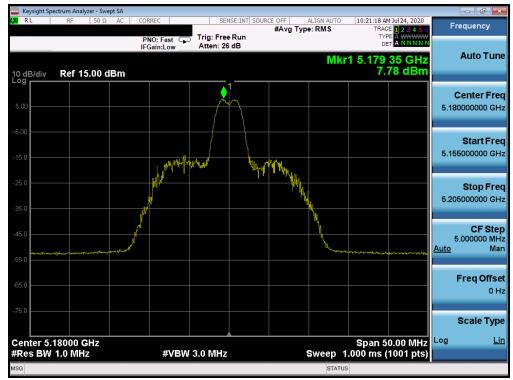
Table 7-71. Bands 1, 2A, 2C Power Spectral Density Measurements ANT WF7a (Fully-loaded RU))

FCC ID: BCGA2316	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 224 of 504
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Plot 7-337. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 36)



Plot 7-338. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 36)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 000 of 504	
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 232 of 591	
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Plot 7-339. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 36)



Plot 7-340. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 40)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dama 000 of 504		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 233 of 591		
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Plot 7-341. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 40)



Plot 7-342. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8- RU26 (UNII Band 1) - Ch. 40)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	D 004	
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 234 of 591	
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Plot 7-343. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 48)



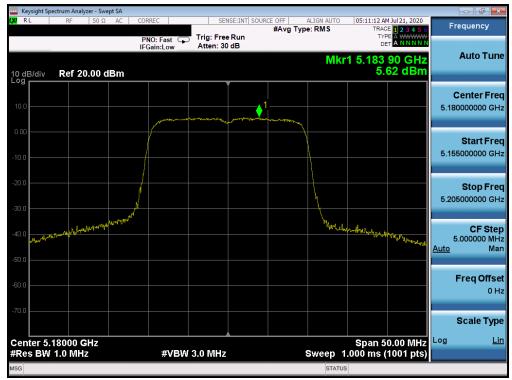
Plot 7-344. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 1) - Ch. 48)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	D 005	
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 235 of 591	
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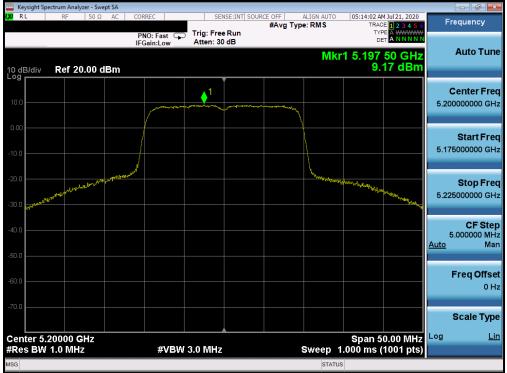
Plot 7-345. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 48)



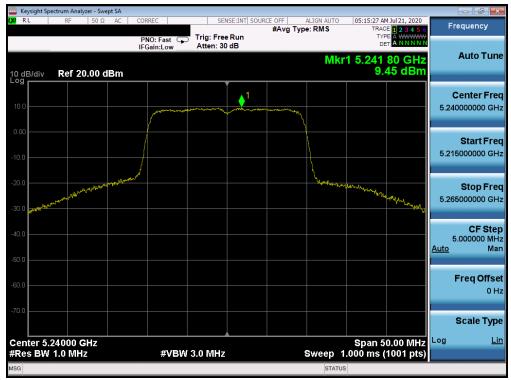
Plot 7-346. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax-RU242 (UNII Band 1) - Ch. 36)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 000 of 504	
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Plot 7-347. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax-RU242 (UNII Band 1) - Ch. 40)



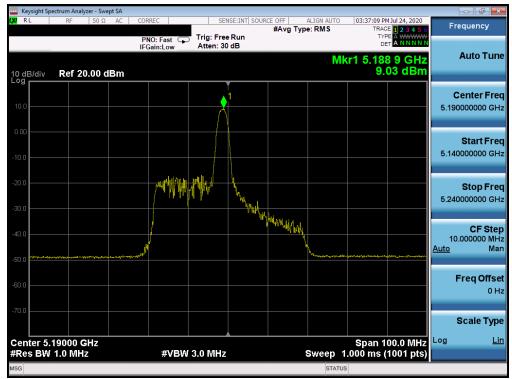
Plot 7-348. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax-RU242 (UNII Band 1) - Ch. 48)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 007 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 237 of 591
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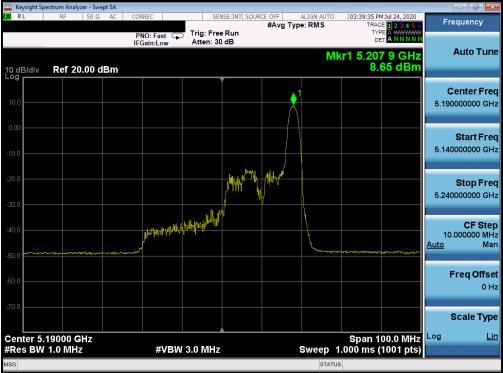
Plot 7-349. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 38)



Plot 7-350. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 38)

FCC ID: BCGA2316	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dage 228 of 501		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 238 of 591		
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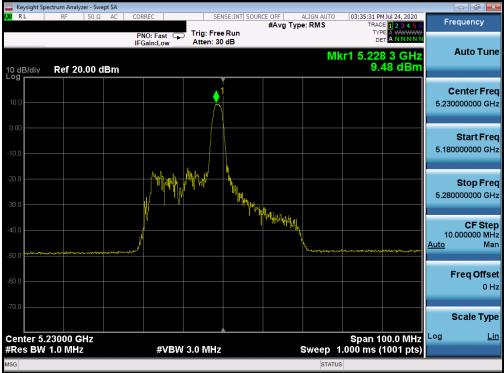
Plot 7-351. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 1) - Ch. 38)



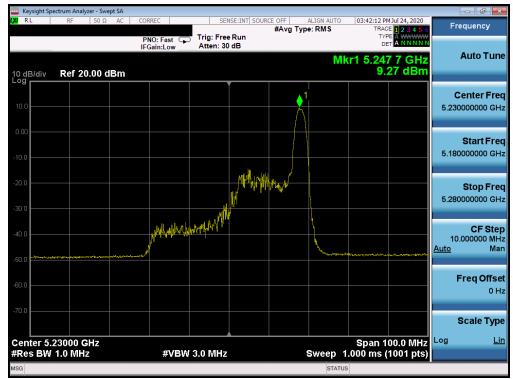
Plot 7-352. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	D 000 -f 504		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 239 of 591		
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Plot 7-353. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 1) - Ch. 46)



Plot 7-354. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dage 240 of 501		
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Keysight Spectrum Analyzer - Swep					
<b>LX/</b> RL RF 50 Ω	AC CORREC	SENSE:INT SOUP	#Avg Type: RMS	05:36:33 AM Jul 21, 2020 TRACE 1 2 3 4 5 6	Frequency
10 dB/div Ref 20.00 dB	PNO: Fast FIFGain:Low	Trig: Free Run Atten: 30 dB	M	tr1 5.195 3 GHz -0.92 dBm	Auto Tune
10.0					Center Freq 5.19000000 GHz
-10.0		an a			<b>Start Freq</b> 5.140000000 GHz
-20.0					<b>Stop Freq</b> 5.240000000 GHz
-40.0 -50.0	ano and a second		have been and the second secon		CF Step 10.000000 MHz <u>Auto</u> Man
-60.0					<b>Freq Offset</b> 0 Hz
Center 5.19000 GHz #Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 1	Span 100.0 MHz .000 ms (1001 pts)	Scale Type
MSG			STATUS		

Plot 7-355. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 1) - Ch. 38)



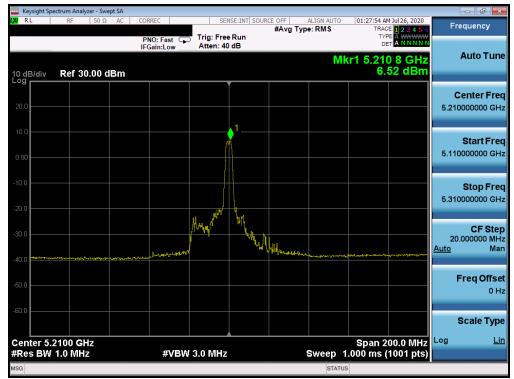
Plot 7-356. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 244 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 241 of 591
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	#Avg Type: RMS T	BACE D 2 4 5 6 Frequency
		RACE 1 2 3 4 5 6 Frequency
PNO: Fast Trig: Free Run IFGain:Low Atten: 40 dB		TYPE ANNIANN DET ANNANNA 172 2 GHz 7.24 dBm
20.0		Center Freq 5.210000000 GHz
0.00		<b>Start Freq</b> 5.110000000 GHz
-10.0		<b>Stop Freq</b> 5.310000000 GHz
-30.0	and the second	CF Step 20.000000 MHz <u>Auto</u> Man
-50.0		Freq Offset 0 Hz
		Scale Type
Center 5.2100 GHz #Res BW 1.0 MHz #VBW 3.0 MHz	Spar Sweep 1.000 m	s (1001 pts)
MSG	STATUS	

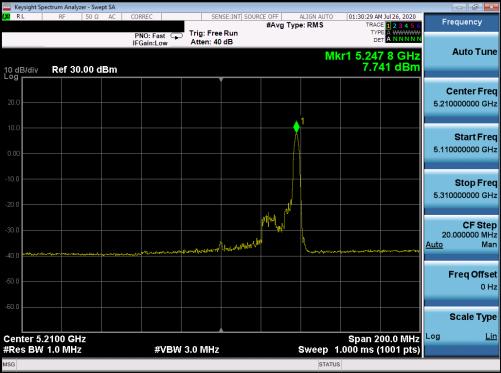
Plot 7-357. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 1) - Ch. 42)



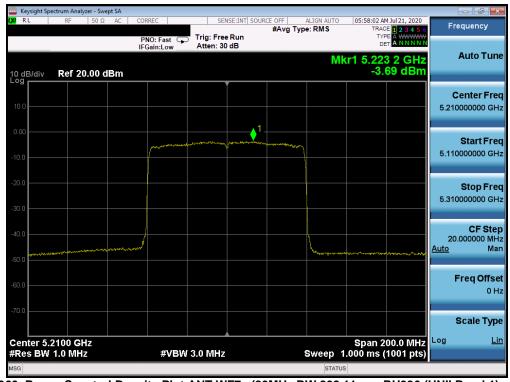
Plot 7-358. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 18 - RU26 (UNII Band 1) - Ch. 42)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 242 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 242 of 591
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Plot 7-359. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 36 - RU26 (UNII Band 1) - Ch. 42)



Plot 7-360. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax - RU996 (UNII Band 1) - Ch. 42)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 242 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 243 of 591
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Plot 7-361. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 52)



Plot 7-362. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2A) - Ch. 52)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 044 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 244 of 591
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Plot 7-363. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2A) - Ch. 52)



Plot 7-364. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 56)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 245 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 245 of 591
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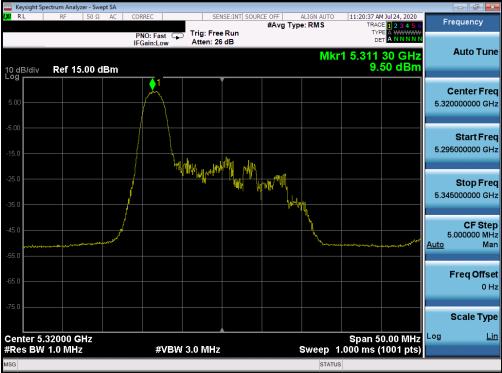
Plot 7-365. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2A) - Ch. 56)



Plot 7-366. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8- RU26 (UNII Band 2A) - Ch. 56)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 246 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 246 of 591
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Plot 7-367. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 64)



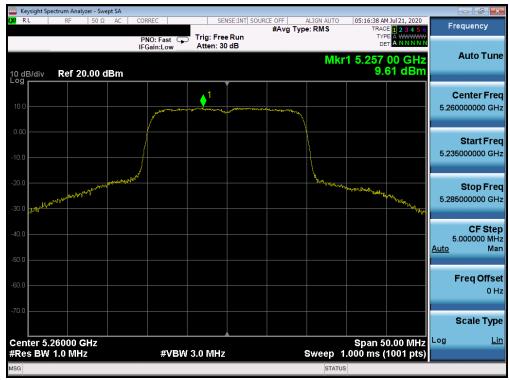
Plot 7-368. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2A) - Ch. 64)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dawa 047 at 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 247 of 591
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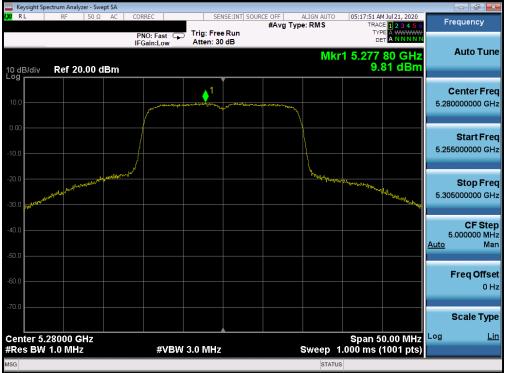
Plot 7-369. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2A) - Ch. 64)



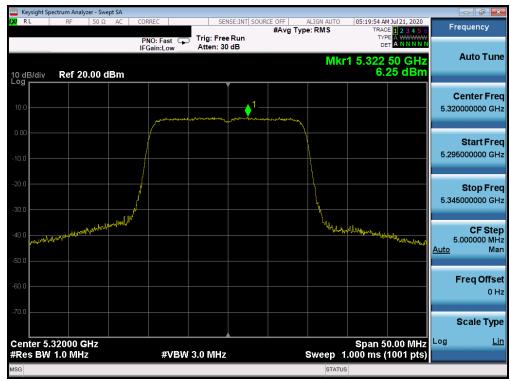
Plot 7-370. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax-RU242 (UNII Band 2A) - Ch. 52)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 249 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 248 of 591
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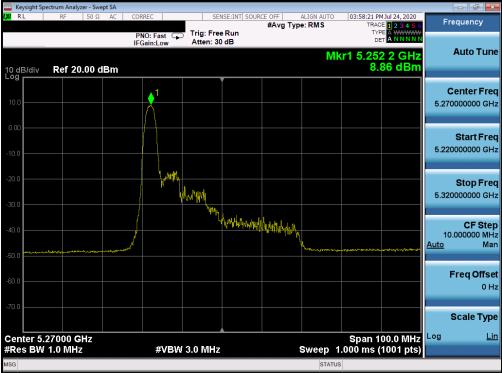
Plot 7-371. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax- RU242 (UNII Band 2A) - Ch. 56)



Plot 7-372. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax-RU242 (UNII Band 2A) - Ch. 64)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	De
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 249 of 591
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Plot 7-373. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 54)



Plot 7-374. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2A) - Ch. 54)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dage 250 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 250 of 591
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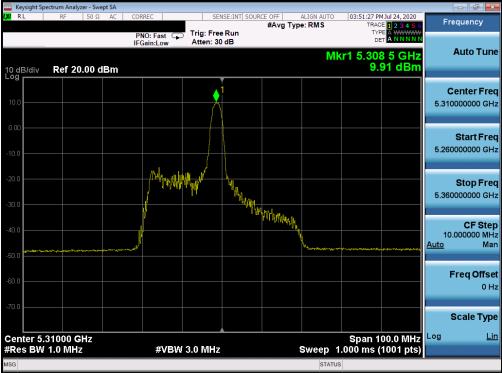
Plot 7-375. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 2A) - Ch. 54)



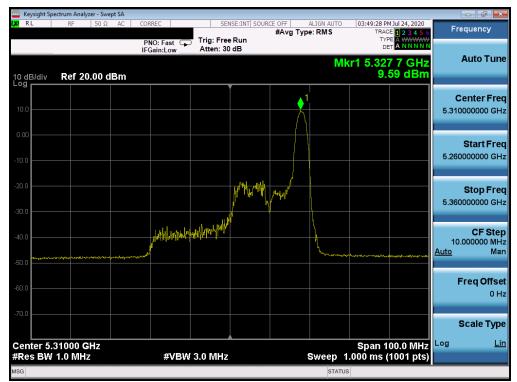
Plot 7-376. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 62)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 251 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 251 of 591
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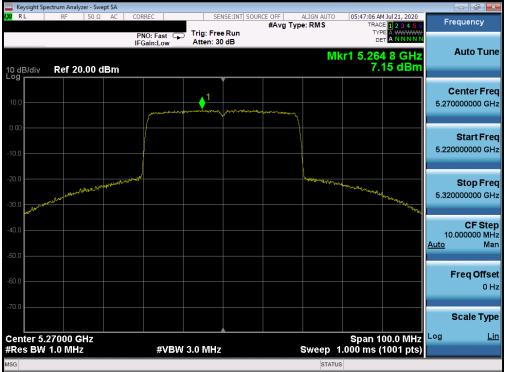
Plot 7-377. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2A) - Ch. 62)



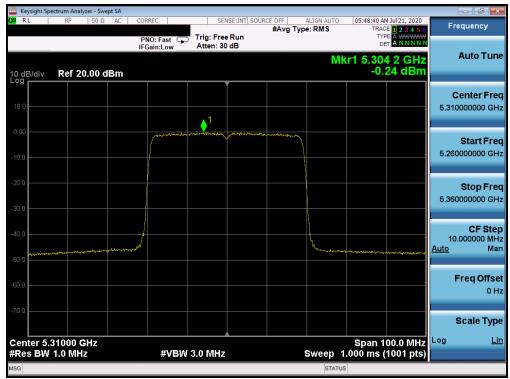
Plot 7-378. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 2A) - Ch. 62)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 252 of 591
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Plot 7-379. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 2A) - Ch. 54)



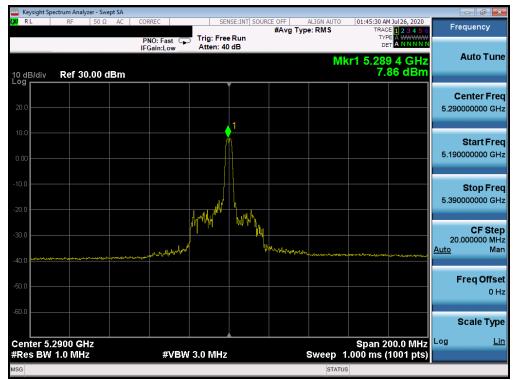
Plot 7-380. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 2A) - Ch. 62)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dage 252 of 501	
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 253 of 591	
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	ght Spectrur	m Analyzer - Sw	ept SA									0	
L <mark>XI</mark> RL		RF 50 Ω	AC	CORREC		SEI	ISE:INT SOU	RCE OFF #Avg Ty	ALIGN AUTO		1 Jul 26, 2020 E 1 2 3 4 5 6	Freque	ency
				PNO: Fas IFGain:Lo	t 🖵 w	Trig: Free Atten: 40		#/( <b>1</b> 8/1)		TYP		Aut	to Tune
10 dB/d Log <b>Г</b>	div R	ef 30.00 (	dBm							8.	72 dBm		
20.0												Cent 5.290000	e <b>r Freq</b> 000 GHz
10.0												<b>St</b> a 5.190000	a <b>rt Freq</b> 000 GHz
-10.0					الد اه							<b>St</b> e 5.390000	o <b>p Freq</b> 000 GHz
-30.0				/ 1	η	Vinterna	WMM Marking and	tille da and a sector to a					CF Step 000 MHz Man
-40.0 🖴 -50.0 —	1. <b>*****</b> *			***							₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩	Free	<b>offset</b> 0 Hz
-60.0												Sca	le Type
	r 5.290 BW 1.0			#\	/BW :	3.0 MHz			Sweep 1	Span 2 .000 ms (	00.0 1911 12	Log	<u>Lin</u>
MSG									STATUS	5			

Plot 7-381. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 2A) - Ch. 58)



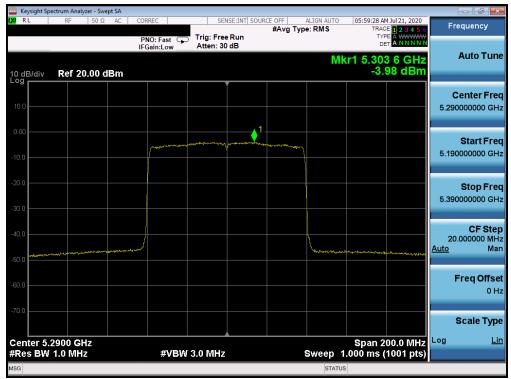
Plot 7-382. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 18 - RU26 (UNII Band 2A) - Ch. 58)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dama 054 af 504	
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 254 of 591	
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LXI RL	RF 50 Ω AC						
	N 50 52 AC	CORREC	SENSE:IN	T SOURCE OFF AVG TY	ALIGN AUTO	01:47:51 AM Jul 26, 2020 TRACE 1 2 3 4 5 6	Frequency
10 dB/div R	ef 30.00 dBm	PNO: Fast 🕞	Trig: Free Rur Atten: 40 dB	1	MI	cr1 5.327 6 GHz 8.79 dBm	Auto Tune
20.0					1		Center Freq 5.29000000 GHz
0.00							Start Freq 5.19000000 GHz
-10.0				MAN			<b>Stop Freq</b> 5.39000000 GHz
-30.0	-	forestand Marcel Marches	where the former of the former	и <sup>р</sup> их/114	Lancoperation of		CF Step 20.000000 MHz <u>Auto</u> Man
-50.0							<b>Freq Offset</b> 0 Hz
Center 5.290 #Res BW 1.0		#\/B\A	3.0 MHz		Sween	Span 200.0 MHz .000 ms (1001 pts)	Scale Type
#Res DW 1.0		#VDV	3.0 MHZ		Sweep		

Plot 7-383. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 36 - RU26 (UNII Band 2A) - Ch. 58)



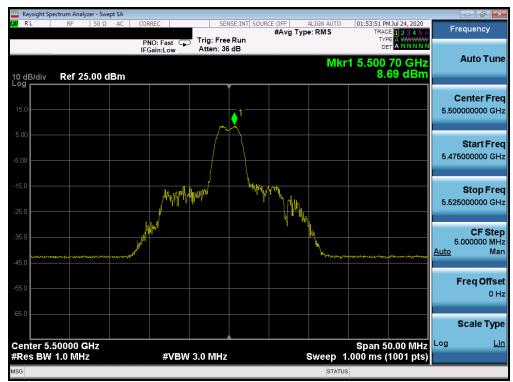
Plot 7-384. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax - RU996 (UNII Band 2A) - Ch. 58)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 255 of 591	
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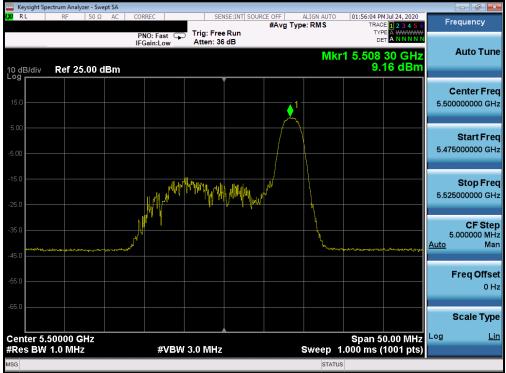
Plot 7-385. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 100)



Plot 7-386. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2C) - Ch. 100)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dage 256 of 501	
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 256 of 591	
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Plot 7-387. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 100)



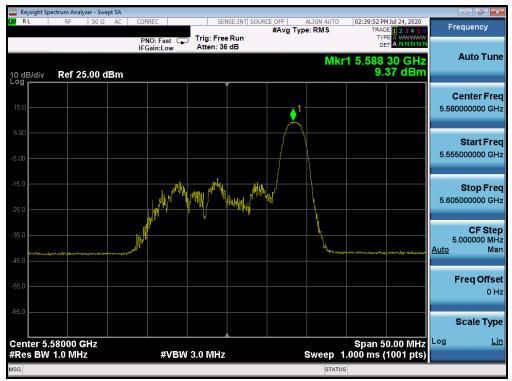
Plot 7-388. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 116)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dage 257 of 501		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 257 of 591		
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Plot 7-389. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2C) - Ch. 116)



Plot 7-390. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8- RU26 (UNII Band 2C) - Ch. 116)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dega 250 of 501		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 258 of 591		
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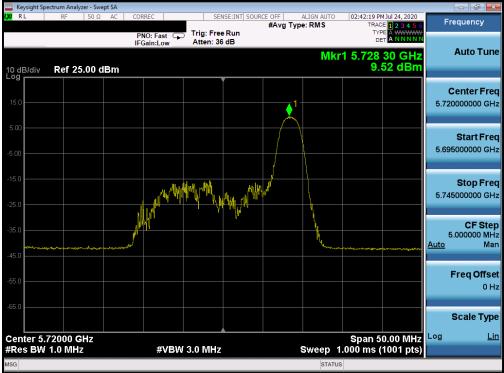
Plot 7-391. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 144)



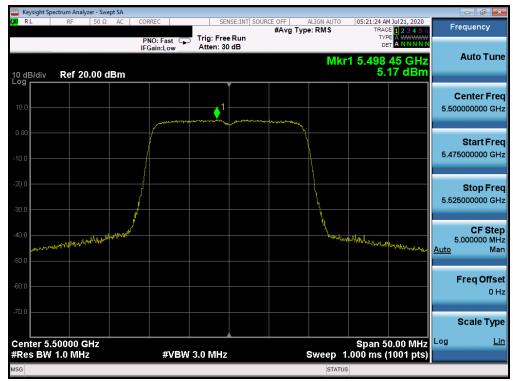
Plot 7-392. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 2C) - Ch. 144)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dega 250 of 501	
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 259 of 591	
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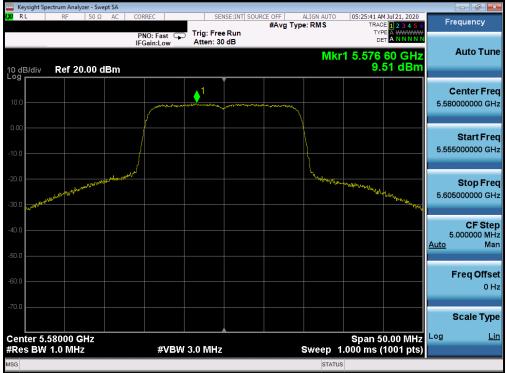
Plot 7-393. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 144)



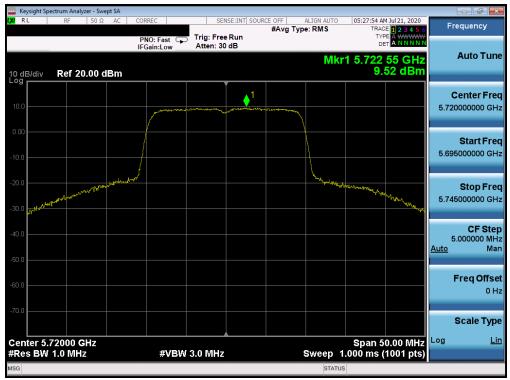
Plot 7-394. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 100)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	D 000 -f 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 260 of 591
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Plot 7-395. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax- RU242 (UNII Band 2C) - Ch. 116)



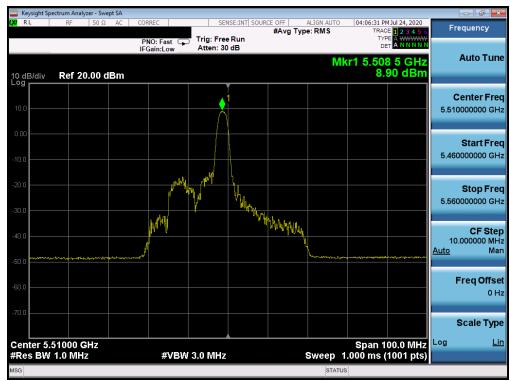
Plot 7-396. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax-RU242 (UNII Band 2C) - Ch. 144)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 261 of 501
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 261 of 591
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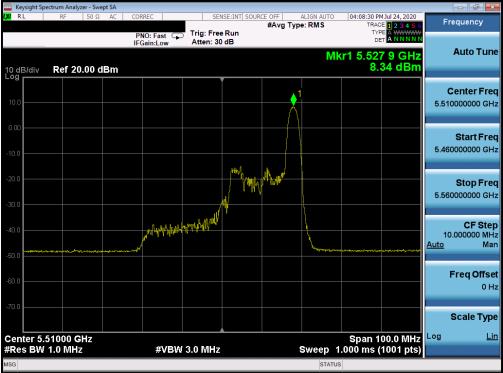
Plot 7-397. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 102)



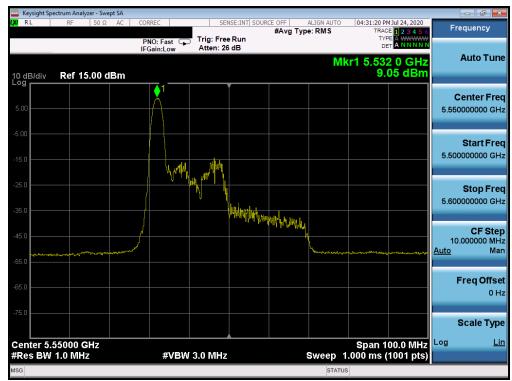
Plot 7-398. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 102)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dega 202 of 501	
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Plot 7-399. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 2C) - Ch. 102)



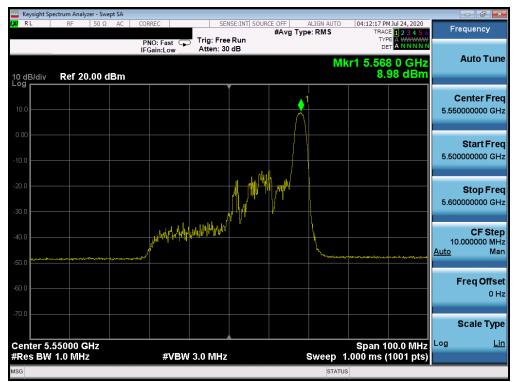
Plot 7-400. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 110)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
Test Report S/N:	Test Dates:	EUT Type:	Dega 202 of 501				
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Plot 7-401. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 110)



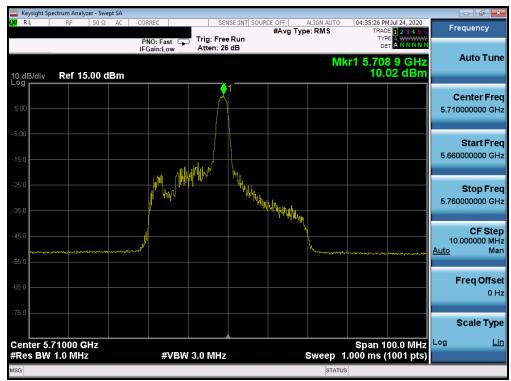
Plot 7-402. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 2C) - Ch. 110)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
Test Report S/N:	Test Dates:	EUT Type:	Dega 201 of 501				
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 264 of 591				
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Plot 7-403. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 142)



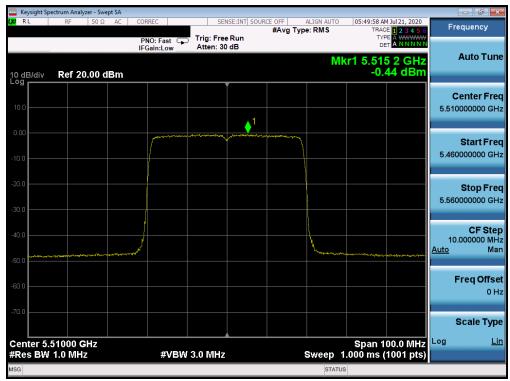
Plot 7-404. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 8 - RU26 (UNII Band 2C) - Ch. 142)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
Test Report S/N:	Test Dates:	EUT Type:	Dage 205 of 501				
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 265 of 591				
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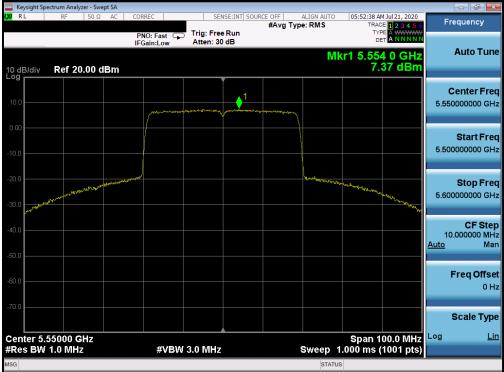
Plot 7-405. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax Index 17 - RU26 (UNII Band 2C) - Ch. 142)



Plot 7-406. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 2C) - Ch. 102)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 000 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 266 of 591
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Plot 7-407. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 2C) - Ch. 110)



Plot 7-408. Power Spectral Density Plot ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 2C) - Ch. 142)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dama 007 of 504
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 267 of 591
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Image: Display state     RF     50 Ω     AC     CORREC     SENSE:INT SOURCE OFF     ALION AUTO     01:52:58 AM Jul 26, 2020       PNO: Fast     Trig: Free Run     #Avg Type: RMS     Trace I 2 3 4 5 G     Trace I 2 3 4 5 G     Trace I 2 3 4 5 G       PNO: Fast     Trig: Free Run     Mkr1 5.492 0 GHz     Auto Tu       IO dB/div     Ref 30.00 dBm     8.59 dBm       200     Image: Display state     Center F
PNO: Fast Trig: Free Run IFGain:Low Atten: 40 dB Mkr1 5.492 0 GHz 8.59 dBm Center F
Center F
10.0 Start F 0.00 Start F 5.430000000 0
-10.0
-30.0
-50.0 Freq Off
Scale Ty
Center 5.5300 GHz         Span 200.0 MHz         Log           #Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 1.000 ms (1001 pts)         Log
MSG STATUS

Plot 7-409. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 106)



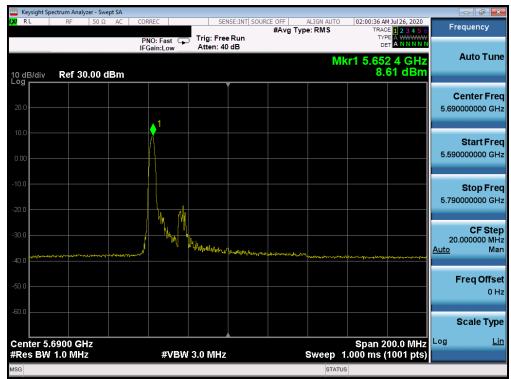
Plot 7-410. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 18 - RU26 (UNII Band 2C) - Ch. 106)

FCC ID: BCGA2316	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
Test Report S/N:	Test Dates:	EUT Type:	Dage 200 of 501				
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 268 of 591				



	ectrum Analyzer - Sw									_	
LXU RL	RF 50 Ω	AC	CORREC	SEN	NSE:INT SOUR	E OFF	ALIGN AUTO e: RMS		1 Jul 26, 2020 E 1 2 3 4 5 6	Fr	equency
10 dB/div	Ref 30.00 d		PNO: Fast 🕞 IFGain:Low	Trig: Free Atten: 40			M	TYP			Auto Tune
20.0							1				<b>Center Freq</b> 0000000 GHz
0.00						Á				5.430	Start Freq 0000000 GHz
-10.0										5.630	Stop Freq 0000000 GHz
-30.0	Adalah ang	مرومي مود الله م	and the second stands	per-setonesretand	Nonderdomonian (Mi		Lanna	mattan	aget, programming and products	20 <u>Auto</u>	<b>CF Step</b> .000000 MHz Man
-50.0										F	F <b>req Offset</b> 0 Hz
	5300 GHz							Snan-2	00.0 MHz		Scale Type Lin
#Res BW			#VBW	3.0 MHz			Sweep 1	.000 ms (	1001 pts)	_	
MSG							STATUS	3			

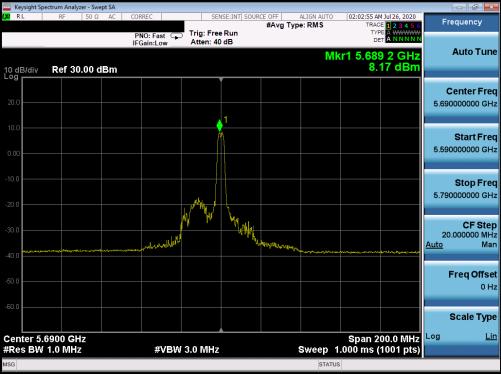
Plot 7-411. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 36 - RU26 (UNII Band 2C) - Ch. 106)



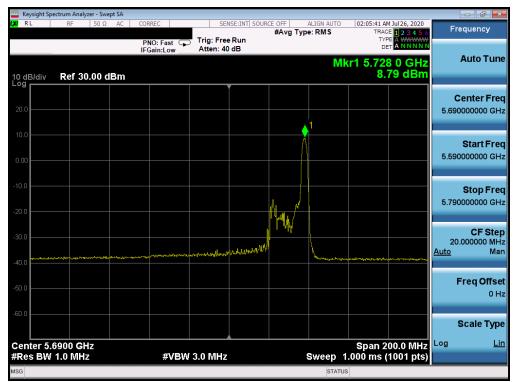
Plot 7-412. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 0 - RU26 (UNII Band 2C) - Ch. 138)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
Test Report S/N:	Test Dates:	EUT Type:	Dega 200 of 501				
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Plot 7-413. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 18 - RU26 (UNII Band 2C) - Ch. 138)



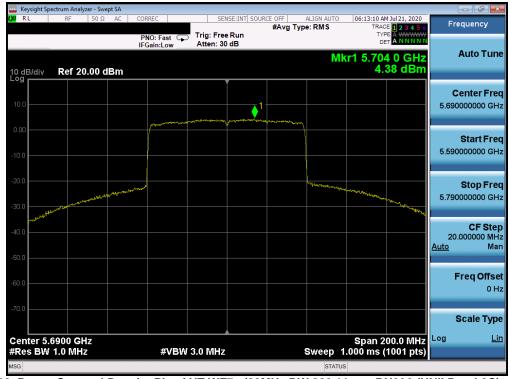
Plot 7-414. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 138)

FCC ID: BCGA2316	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager				
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1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 270 of 591				



	pectrum Analyzer - S										
L <mark>XI</mark> RL	RF 50	Ω AC	CORREC	SEN	ISE:INT SOUR	RCE OFF	ALIGN AUTO		Jul 21, 2020	Fre	quency
10 dB/div	Ref 20.00	dBm	PNO: Fast IFGain:Low	Trig: Free Atten: 30				TYP DE T <b>1 5.539</b>			Auto Tune
10.0					. 1						<b>enter Freq</b> 000000 GHz
-10.0					p. source	and a many second					<b>Start Freq</b> 000000 GHz
-20.0											<b>Stop Freq</b> 000000 GHz
-40.0	ange an ange an						And a start of the	had an angle for the second	httergentassamlart.	20.1 <u>Auto</u>	<b>CF Step</b> 000000 MHz Man
-60.0										F	req Offset 0 Hz
-70.0											cale Type
	.5300 GHz ∤ 1.0 MHz		#VBW	3.0 MHz			Sweep 1	Span 20 ') 000 ms.	JO.0 IVII 12	Log	Lin
MSG							STATUS				

Plot 7-415. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax - RU996 (UNII Band 2C) - Ch. 106)



Plot 7-416. Power Spectral Density Plot ANT WF7a (80MHz BW 802.11ax - RU996 (UNII Band 2C) - Ch. 138)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	D 074
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 271 of 591
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,	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
				26	0	135/143.4 (MCS11)	15.01	30.00	-14.99
	5745	149	ax (20MHz)	26	4	135/143.4 (MCS11)	15.54	30.00	-14.46
				26	8	135/143.4 (MCS11)	15.63	30.00	-14.37
				26	0	135/143.4 (MCS11)	15.26	30.00	-14.74
	5785	157 ax (2	ax (20MHz)	26	4	135/143.4 (MCS11)	15.56	30.00	-14.44
				26	8	135/143.4 (MCS11)	15.41	30.00	-14.59
		165	165 ax (20MHz)	26	0	135/143.4 (MCS11)	15.36	30.00	-14.64
m	5825			26	4	135/143.4 (MCS11)	15.76	30.00	-14.24
p				26	8	135/143.4 (MCS11)	15.67	30.00	-14.33
Band				26	0	271/286.8 (MCS11)	14.76	30.00	-15.24
	5755	151	151 ax (40MHz)	26	8	271/286.8 (MCS11)	15.61	30.00	-14.39
				26	17	271/286.8 (MCS11)	14.97	30.00	-15.03
	5795 159		ax (40MHz)	26	0	271/286.8 (MCS11)	15.21	30.00	-14.79
		159		26	8	271/286.8 (MCS11)	15.57	30.00	-14.43
				26	17	271/286.8 (MCS11)	15.58	30.00	-14.42
		75 155	ax (80MHz)	26	0	567/600.5 (MCS11)	10.22	30.00	-19.78
	5775			26	18	567/600.5 (MCS11)	10.16	30.00	-19.84
				36	567/600.5 (MCS11)	10.69	30.00	-19.31	

 Table 7-72. Band 3 Power Spectral Density Measurements ANT WF7a (RU26)

	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	7.40	30.00	-22.60
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	7.09	30.00	-22.91
g 3	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	7.17	30.00	-22.83
Band	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	4.39	30.00	-25.61
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	4.70	30.00	-25.30
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	-2.02	30.00	-32.02

Table 7-73. Band 3 Power Spectral Density Measurements ANT WF7a (Fully-loaded RU)

FCC ID: BCGA2316	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N: Test Dates:		EUT Type:	Dega 272 of 501		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 272 of 591		
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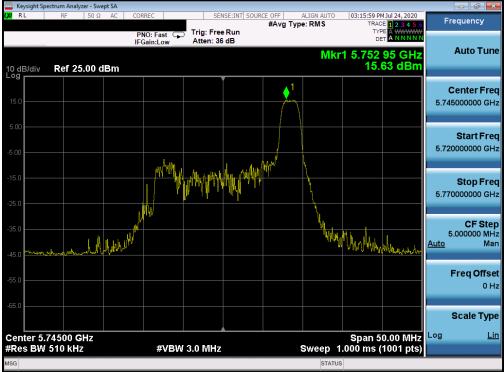
Plot 7-417. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 149)



Plot 7-418. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 3) - Ch. 149)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dage 272 of 501		
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Plot 7-419. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8 - RU26 (UNII Band 3) - Ch. 149)



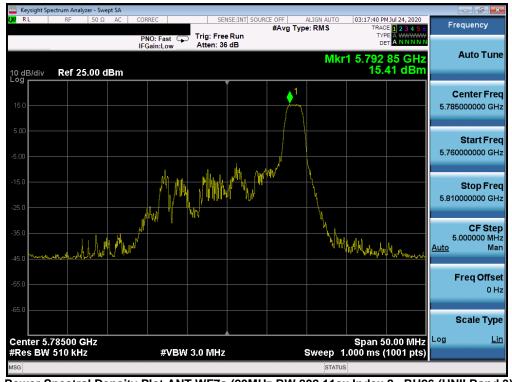
Plot 7-420. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 0 - RU26 (UNII Band 3) - Ch. 157)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Dawa 074 of 504		
1C2004270028-09-R1.BCG	6/15/2020 - 08/14/2020	Tablet Device	Page 274 of 591		
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Plot 7-421. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 4 - RU26 (UNII Band 3) - Ch. 157)



Plot 7-422. Power Spectral Density Plot ANT WF7a (20MHz BW 802.11ax Index 8- RU26 (UNII Band 3) - Ch. 157)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager		
Test Report S/N:	Test Dates:	EUT Type:	Daga 275 of 501		
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