

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	26	0	9.53	23.98	-14.45
			AVG	26	18	10.99	23.98	-12.99
			AVG	26	36	9.66	23.98	-14.32
	5290	58	AVG	26	0	10.95	23.78	-12.83
			AVG	26	18	11.91	23.78	-11.87
			AVG	26	36	10.80	23.78	-12.98
	5530	106	AVG	26	0	10.85	23.58	-12.73
			AVG	26	18	11.94	23.58	-11.64
			AVG	26	36	10.88	23.58	-12.70
	5610	122	AVG	26	0	11.07	23.58	-12.51
			AVG	26	18	12.00	23.58	-11.58
			AVG	26	36	11.35	23.58	-12.23
	5690	138	AVG	26	0	11.14	23.58	-12.44
			AVG	26	18	11.96	23.58	-11.62
			AVG	26	36	11.58	23.58	-12.00
	5775	155	AVG	26	0	15.07	23.47	-8.40
			AVG	26	18	15.90	23.47	-7.57
			AVG	26	36	15.19	23.47	-8.28

Table 7-30. FCC ANT WF7a 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 141 of 591

ISED Antenna WF7a Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	26	0	6.13	-	-	2.70	8.83	22.75	-13.92
			AVG	26	4	6.69	-	-	2.70	9.39	22.75	-13.36
			AVG	26	8	6.14	-	-	2.70	8.84	22.75	-13.91
	5200	40	AVG	26	0	6.17	-	-	2.70	8.87	22.75	-13.88
			AVG	26	4	6.73	-	-	2.70	9.43	22.75	-13.32
			AVG	26	8	6.20	-	-	2.70	8.90	22.75	-13.85
	5240	48	AVG	26	0	6.25	-	-	2.70	8.95	22.75	-13.80
			AVG	26	4	6.74	-	-	2.70	9.44	22.75	-13.31
			AVG	26	8	6.20	-	-	2.70	8.90	22.75	-13.85
	5260	52	AVG	26	0	11.55	23.78	-12.23	1.70	13.25	29.78	-16.53
			AVG	26	4	12.00	23.78	-11.78	1.70	13.70	29.78	-16.08
			AVG	26	8	11.47	23.78	-12.31	1.70	13.17	29.78	-16.61
	5300	60	AVG	26	0	11.66	23.78	-12.12	1.70	13.36	29.78	-16.42
			AVG	26	4	12.00	23.78	-11.78	1.70	13.70	29.78	-16.08
			AVG	26	8	11.56	23.78	-12.22	1.70	13.26	29.78	-16.52
	5320	64	AVG	26	0	11.61	23.78	-12.17	1.70	13.31	29.78	-16.47
			AVG	26	4	11.96	23.78	-11.82	1.70	13.66	29.78	-16.12
			AVG	26	8	11.43	23.78	-12.35	1.70	13.13	29.78	-16.65
	5500	100	AVG	26	0	11.62	23.58	-11.96	-0.30	11.32	29.58	-18.26
			AVG	26	4	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
			AVG	26	8	11.59	23.58	-11.99	-0.30	11.29	29.58	-18.29
	5580	116	AVG	26	0	11.60	23.58	-11.98	-0.30	11.30	29.58	-18.28
			AVG	26	4	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
			AVG	26	8	11.59	23.58	-11.99	-0.30	11.29	29.58	-18.29
	5720	144	AVG	26	0	11.34	23.58	-12.24	-0.30	11.04	29.58	-18.54
			AVG	26	4	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
			AVG	26	8	11.59	23.58	-11.99	-0.30	11.29	29.58	-18.29
	5745	149	AVG	26	0	15.10	30.00	-14.90	1.90	17.00	-	-
			AVG	27	4	15.69	30.00	-14.31	1.90	17.59	-	-
			AVG	28	8	15.45	30.00	-14.55	1.90	17.35	-	-
	5785	157	AVG	29	0	15.08	30.00	-14.92	1.90	16.98	-	-
			AVG	30	4	15.71	30.00	-14.29	1.90	17.61	-	-
			AVG	31	8	15.33	30.00	-14.67	1.90	17.23	-	-
	5825	165	AVG	32	0	15.34	30.00	-14.66	1.90	17.24	-	-
			AVG	33	4	15.75	30.00	-14.25	1.90	17.65	-	-
			AVG	34	8	15.65	30.00	-14.35	1.90	17.55	-	-

Table 7-31. ISED ANT WF7a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 142 of 591

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	26	0	5.54	-	-	2.70	8.24	22.75	-14.51
			AVG	26	8	6.73	-	-	2.70	9.43	22.75	-13.32
			AVG	26	17	5.68	-	-	2.70	8.38	22.75	-14.37
	5230	46	AVG	26	0	5.67	-	-	2.70	8.37	22.75	-14.38
			AVG	26	8	6.75	-	-	2.70	9.45	22.75	-13.30
			AVG	26	17	5.87	-	-	2.70	8.57	22.75	-14.18
	5270	54	AVG	26	0	10.91	23.78	-12.87	1.70	12.61	29.78	-17.17
			AVG	26	8	11.85	23.78	-11.93	1.70	13.55	29.78	-16.23
			AVG	26	17	10.96	23.78	-12.82	1.70	12.66	29.78	-17.12
	5310	62	AVG	26	0	10.85	23.78	-12.93	1.70	12.55	29.78	-17.23
			AVG	26	8	11.98	23.78	-11.80	1.70	13.68	29.78	-16.10
			AVG	26	17	11.08	23.78	-12.70	1.70	12.78	29.78	-17.00
	5510	102	AVG	26	0	10.57	23.58	-13.01	-0.30	10.27	29.58	-19.31
			AVG	26	8	11.45	23.58	-12.13	-0.30	11.15	29.58	-18.43
			AVG	26	17	10.67	23.58	-12.91	-0.30	10.37	29.58	-19.21
	5550	110	AVG	26	0	11.14	23.58	-12.44	-0.30	10.84	29.58	-18.74
			AVG	26	8	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
			AVG	26	17	11.05	23.58	-12.53	-0.30	10.75	29.58	-18.83
	5590	118	AVG	26	0	10.79	23.58	-12.79	-0.30	10.49	29.58	-19.09
			AVG	26	8	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
			AVG	26	17	10.69	23.58	-12.89	-0.30	10.39	29.58	-19.19
	5710	142	AVG	26	0	10.70	23.58	-12.88	-0.30	10.40	29.58	-19.18
			AVG	26	8	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
			AVG	26	17	11.13	23.58	-12.45	-0.30	10.83	29.58	-18.75
	5755	151	AVG	26	0	14.40	23.98	-9.58	1.90	16.30	-	-
			AVG	26	8	15.65	23.98	-8.33	1.90	17.55	-	-
			AVG	26	17	14.81	23.98	-9.17	1.90	16.71	-	-
	5795	159	AVG	26	0	14.25	23.98	-9.73	1.90	16.15	-	-
			AVG	26	8	15.69	23.98	-8.29	1.90	17.59	-	-
			AVG	26	17	14.65	23.98	-9.33	1.90	16.55	-	-

Table 7-32. ISED ANT WF7a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	26	0	5.86	23.98	-18.12	2.70	8.56	22.75	-14.19
			AVG	26	18	6.68	23.98	-17.30	2.70	9.38	22.75	-13.37
			AVG	26	36	6.00	23.98	-17.98	2.70	8.70	22.75	-14.05
	5290	58	AVG	26	0	10.95	23.78	-12.83	1.70	12.65	29.78	-17.13
			AVG	26	18	11.91	23.78	-11.87	1.70	13.61	29.78	-16.17
			AVG	26	36	10.80	23.78	-12.98	1.70	12.50	29.78	-17.28
	5530	106	AVG	26	0	10.85	23.58	-12.73	-0.30	10.55	29.58	-19.03
			AVG	26	18	11.94	23.58	-11.64	-0.30	11.64	29.58	-17.94
			AVG	26	36	10.88	23.58	-12.70	-0.30	10.58	29.58	-19.00
	5610	122	AVG	26	0	11.07	23.58	-12.51	-0.30	10.77	29.58	-18.81
			AVG	26	18	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
			AVG	26	36	11.35	23.58	-12.23	-0.30	11.05	29.58	-18.53
	5690	138	AVG	26	0	11.14	23.58	-12.44	-0.30	10.84	29.58	-18.74
			AVG	26	18	11.96	23.58	-11.62	-0.30	11.66	29.58	-17.92
			AVG	26	36	11.58	23.58	-12.00	-0.30	11.28	29.58	-18.30
	5775	155	AVG	26	0	14.92	23.47	-8.55	1.90	16.82	29.47	-12.65
			AVG	26	18	15.75	23.47	-7.72	1.90	17.65	29.47	-11.82
			AVG	26	36	15.04	23.47	-8.43	1.90	16.94	29.47	-12.53

Table 7-33. ISED ANT WF7a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 143 of 591

FCC Antenna WF7a Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	106	53	16.00	23.98	-7.98
			AVG	106	54	16.00	23.98	-7.98
	5200	40	AVG	106	53	18.00	23.98	-5.98
			AVG	106	54	18.00	23.98	-5.98
	5240	48	AVG	106	53	18.00	23.98	-5.98
			AVG	106	54	18.00	23.98	-5.98
	5260	52	AVG	106	53	17.94	23.78	-5.84
			AVG	106	54	18.00	23.78	-5.78
	5300	60	AVG	106	53	18.00	23.78	-5.78
			AVG	106	54	18.00	23.78	-5.78
	5320	64	AVG	106	53	15.50	23.78	-8.28
			AVG	106	54	15.50	23.78	-8.28
	5500	100	AVG	106	53	14.93	23.58	-8.65
			AVG	106	54	14.93	23.58	-8.65
	5520	104	AVG	106	53	17.00	23.58	-6.58
			AVG	106	54	17.00	23.58	-6.58
	5540	108	AVG	106	53	18.00	23.58	-5.58
			AVG	106	54	18.00	23.58	-5.58
	5580	116	AVG	106	53	17.95	23.58	-5.63
			AVG	106	54	18.00	23.58	-5.58
	5660	132	AVG	106	53	17.88	23.58	-5.70
			AVG	106	54	17.98	23.58	-5.60
	5680	136	AVG	106	53	16.81	23.58	-6.77
			AVG	106	54	16.96	23.58	-6.62
	5700	140	AVG	106	53	11.87	23.58	-11.71
			AVG	106	54	12.00	23.58	-11.58
	5720	144	AVG	106	53	17.85	23.58	-5.73
			AVG	106	54	18.00	23.58	-5.58
	5745	149	AVG	106	53	20.90	30.00	-9.10
			AVG	106	54	21.00	30.00	-9.00
	5785	157	AVG	106	53	20.87	30.00	-9.13
			AVG	106	54	21.00	30.00	-9.00
	5825	165	AVG	106	53	20.80	30.00	-9.20
			AVG	106	54	21.00	30.00	-9.00

Table 7-34. FCC ANT WF7a 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316	 PCTEST Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 144 of 591

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	242	61	12.55	23.98	-11.43
			AVG	242	62	12.89	23.98	-11.09
	5230	46	AVG	242	61	19.69	23.98	-4.29
			AVG	242	62	19.89	23.98	-4.09
	5270	54	AVG	242	61	19.68	23.78	-4.10
			AVG	242	62	19.94	23.78	-3.84
	5310	62	AVG	242	61	12.74	23.78	-11.04
			AVG	242	62	12.97	23.78	-10.81
	5510	102	AVG	242	61	12.88	23.58	-10.70
			AVG	242	62	13.00	23.58	-10.58
	5550	110	AVG	242	61	19.89	23.58	-3.69
			AVG	242	62	19.95	23.58	-3.63
	5590	118	AVG	242	61	19.88	23.58	-3.70
			AVG	242	62	20.00	23.58	-3.58
	5670	134	AVG	242	61	14.19	23.58	-9.39
			AVG	242	62	14.40	23.58	-9.18
	5710	142	AVG	106	53	17.14	23.58	-6.44
			AVG	106	54	17.88	23.58	-5.70
			AVG	106	56	17.53	23.58	-6.05
	5755	151	AVG	242	61	20.45	23.98	-3.53
			AVG	242	62	20.50	23.98	-3.48
	5795	159	AVG	242	61	20.47	23.98	-3.51
			AVG	242	62	20.50	23.98	-3.48

Table 7-35. FCC ANT WF7a 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	484	65	10.77	23.98	-13.21
			AVG	484	66	11.00	23.98	-12.98
	5290	58	AVG	484	65	11.93	23.78	-11.85
			AVG	484	66	12.00	23.78	-11.78
	5530	106	AVG	484	65	11.94	23.58	-11.64
			AVG	484	66	12.00	23.58	-11.58
	5610	122	AVG	484	65	17.15	23.58	-6.43
			AVG	484	66	17.25	23.58	-6.33
	5690	138	AVG	106	53	17.44	23.58	-6.14
			AVG	106	56	17.96	23.58	-5.62
			AVG	106	60	17.73	23.58	-5.85
	5775	155	AVG	484	65	15.82	23.47	-7.65
			AVG	484	66	16.00	23.47	-7.47

Table 7-36. FCC ANT WF7a 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 145 of 591

ISED Antenna WF7a Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	106	53	12.75	-	-	2.70	15.45	22.75	-7.30
			AVG	106	54	12.75	-	-	2.70	15.45	22.75	-7.30
	5200	40	AVG	106	53	12.61	-	-	2.70	15.31	22.75	-7.44
			AVG	106	54	12.69	-	-	2.70	15.39	22.75	-7.36
	5240	48	AVG	106	53	12.75	-	-	2.70	15.45	22.75	-7.30
			AVG	106	54	12.70	-	-	2.70	15.40	22.75	-7.35
	5260	52	AVG	106	53	17.10	23.78	-6.68	1.70	18.80	29.78	-10.98
			AVG	106	54	17.17	23.78	-6.61	1.70	18.87	29.78	-10.91
	5300	60	AVG	106	53	17.15	23.78	-6.63	1.70	18.85	29.78	-10.93
			AVG	106	54	17.20	23.78	-6.58	1.70	18.90	29.78	-10.88
	5320	64	AVG	106	53	15.50	23.78	-8.28	1.70	17.20	29.78	-12.58
			AVG	106	54	15.50	23.78	-8.28	1.70	17.20	29.78	-12.58
	5500	100	AVG	106	53	14.21	23.58	-9.37	-0.30	13.91	29.58	-15.67
			AVG	106	54	14.22	23.58	-9.36	-0.30	13.92	29.58	-15.66
	5520	104	AVG	106	53	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
			AVG	106	54	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5540	108	AVG	106	53	14.08	23.58	-9.50	-0.30	13.78	29.58	-15.80
			AVG	106	54	14.18	23.58	-9.40	-0.30	13.88	29.58	-15.70
	5580	116	AVG	106	53	14.17	23.58	-9.41	-0.30	13.87	29.58	-15.71
			AVG	106	54	14.21	23.58	-9.37	-0.30	13.91	29.58	-15.67
	5660	132	AVG	106	53	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
			AVG	106	54	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5680	136	AVG	106	53	14.13	23.58	-9.45	-0.30	13.83	29.58	-15.75
			AVG	106	54	14.13	23.58	-9.45	-0.30	13.83	29.58	-15.75
	5700	140	AVG	106	53	11.87	23.58	-11.71	-0.30	11.57	29.58	-18.01
			AVG	106	54	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
	5720	144	AVG	106	53	14.22	23.58	-9.36	-0.30	13.92	29.58	-15.66
			AVG	106	54	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5745	149	AVG	106	53	15.45	30.00	-14.55	1.90	17.35	-	-
			AVG	106	54	15.62	30.00	-14.38	1.90	17.52	-	-
	5785	157	AVG	106	53	15.41	30.00	-14.59	1.90	17.31	-	-
			AVG	106	54	15.60	30.00	-14.40	1.90	17.50	-	-
	5825	165	AVG	106	53	15.62	30.00	-14.38	1.90	17.52	-	-
			AVG	106	54	15.75	30.00	-14.25	1.90	17.65	-	-

Table 7-37. ISED ANT WF7a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 146 of 591

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	242	61	12.80	-	-	2.70	15.50	22.75	-7.25
			AVG	242	62	13.00	-	-	2.70	15.70	22.75	-7.05
	5230	46	AVG	242	61	15.14	-	-	2.70	17.84	22.75	-4.91
			AVG	242	62	15.20	-	-	2.70	17.90	22.75	-4.85
	5270	54	AVG	242	61	17.03	23.78	-6.75	1.70	18.73	29.78	-11.05
			AVG	242	62	17.25	23.78	-6.53	1.70	18.95	29.78	-10.83
	5310	62	AVG	242	61	12.74	23.78	-11.04	1.70	14.44	29.78	-15.34
			AVG	242	62	12.97	23.78	-10.81	1.70	14.67	29.78	-15.11
	5510	102	AVG	242	61	12.88	23.58	-10.70	-0.30	12.58	29.58	-17.00
			AVG	242	62	13.00	23.58	-10.58	-0.30	12.70	29.58	-16.88
	5550	110	AVG	242	61	14.17	23.58	-9.41	-0.30	13.87	29.58	-15.71
			AVG	242	62	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5590	118	AVG	242	61	13.92	23.58	-9.66	-0.30	13.62	29.58	-15.96
			AVG	242	62	14.16	23.58	-9.42	-0.30	13.86	29.58	-15.72
	5670	134	AVG	242	61	14.20	23.58	-9.38	-0.30	13.90	29.58	-15.68
			AVG	242	62	14.38	23.58	-9.20	-0.30	14.08	29.58	-15.50
	5710	142	AVG	106	53	13.42	23.58	-10.16	-0.30	13.12	29.58	-16.46
			AVG	106	54	14.14	23.58	-9.44	-0.30	13.84	29.58	-15.74
			AVG	106	56	13.68	23.58	-9.90	-0.30	13.38	29.58	-16.20
	5755	151	AVG	242	61	15.56	23.98	-8.42	1.90	17.46	-	-
			AVG	242	62	15.67	23.98	-8.31	1.90	17.57	-	-
	5795	159	AVG	242	61	15.55	23.98	-8.43	1.90	17.45	-	-
			AVG	242	62	15.66	23.98	-8.32	1.90	17.56	-	-

Table 7-38. ISED ANT WF7a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	484	65	10.78	-	-	2.70	13.48	22.75	-9.27
			AVG	484	66	11.00	-	-	2.70	13.70	22.75	-9.05
	5290	58	AVG	484	65	11.93	23.78	-11.85	1.70	13.63	29.78	-16.15
			AVG	484	66	12.00	23.78	-11.78	1.70	13.70	29.78	-16.08
	5530	106	AVG	484	65	11.94	23.58	-11.64	-0.30	11.64	29.58	-17.94
			AVG	484	66	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
	5610	122	AVG	484	65	14.11	23.58	-9.47	-0.30	13.81	29.58	-15.77
			AVG	484	66	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5690	138	AVG	106	53	14.04	23.58	-9.54	-0.30	13.74	29.58	-15.84
			AVG	106	56	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
			AVG	106	60	13.93	23.58	-9.65	-0.30	13.63	29.58	-15.95
	5775	155	AVG	484	65	15.60	23.47	-7.87	1.90	17.50	-	-
			AVG	484	66	15.75	23.47	-7.72	1.90	17.65	-	-

Table 7-39. ISED ANT WF7a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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FCC Antenna WF7a Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5180	36	AVG	242	61	16.00	23.98	-7.98
	5200	40	AVG	242	61	19.93	23.98	-4.05
	5240	48	AVG	242	61	20.00	23.98	-3.98
	5260	52	AVG	242	61	19.87	23.78	-3.91
	5300	60	AVG	242	61	19.98	23.78	-3.80
	5320	64	AVG	242	61	15.30	23.78	-8.48
	5500	100	AVG	242	61	15.00	23.58	-8.58
	5520	104	AVG	242	61	16.91	23.58	-6.67
	5540	108	AVG	242	61	19.98	23.58	-3.60
	5580	116	AVG	242	61	20.00	23.58	-3.58
	5660	132	AVG	242	61	20.00	23.58	-3.58
	5680	136	AVG	242	61	16.92	23.58	-6.66
	5700	140	AVG	242	61	11.95	23.58	-11.63
	5720	144	AVG	242	61	20.00	23.58	-3.58
	5745	149	AVG	242	61	21.00	30.00	-9.00
	5785	157	AVG	242	61	21.00	30.00	-9.00
	5825	165	AVG	242	61	20.88	30.00	-9.12

Table 7-40. FCC ANT WF7a 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5190	38	AVG	484	65	12.95	23.98	-11.03
	5230	46	AVG	484	65	20.00	23.98	-3.98
	5270	54	AVG	484	65	19.97	23.78	-3.81
	5310	62	AVG	484	65	12.94	23.78	-10.84
	5510	102	AVG	484	65	13.00	23.58	-10.58
	5550	110	AVG	484	65	18.50	23.58	-5.08
	5590	118	AVG	484	65	20.93	23.58	-2.65
	5670	134	AVG	484	65	14.50	23.58	-9.08
	5710	142	AVG	484	65	20.94	23.58	-2.64
	5755	151	AVG	484	65	20.50	23.98	-3.48
	5795	159	AVG	484	65	20.50	23.98	-3.48

Table 7-41. FCC ANT WF7a 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]
	5210	42	AVG	996	67	11.00	23.98	-12.98
	5290	58	AVG	996	67	12.00	23.78	-11.78
	5530	106	AVG	996	67	12.00	23.58	-11.58
	5610	122	AVG	996	67	17.25	23.58	-6.33
	5690	138	AVG	996	67	20.92	23.58	-2.66
	5775	155	AVG	996	67	16.00	23.47	-7.47

Table 7-42. FCC ANT WF7a 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 148 of 591

ISED Antenna WF7a Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5180	36	AVG	242	61	15.16	-	-	2.70	17.86	22.75	-4.89
	5200	40	AVG	242	61	15.25	-	-	2.70	17.95	22.75	-4.80
	5240	48	AVG	242	61	15.21	-	-	2.70	17.91	22.75	-4.84
	5260	52	AVG	242	61	17.10	23.78	-6.68	1.70	18.80	29.78	-10.98
	5300	60	AVG	242	61	17.12	23.78	-6.66	1.70	18.82	29.78	-10.96
	5320	64	AVG	242	61	15.42	23.78	-8.36	1.70	17.12	29.78	-12.66
	5500	100	AVG	242	61	14.15	23.58	-9.43	-0.30	13.85	29.58	-15.73
	5520	104	AVG	242	61	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5540	108	AVG	242	61	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5580	116	AVG	242	61	14.12	23.58	-9.46	-0.30	13.82	29.58	-15.76
	5660	132	AVG	242	61	14.21	23.58	-9.37	-0.30	13.91	29.58	-15.67
	5680	136	AVG	242	61	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5700	140	AVG	242	61	11.95	23.58	-11.63	-0.30	11.65	29.58	-17.93
	5720	144	AVG	242	61	14.21	23.58	-9.37	-0.30	13.91	29.58	-15.67
	5745	149	AVG	242	61	15.75	30.00	-14.25	1.90	17.65	-	-
	5785	157	AVG	242	61	15.75	30.00	-14.25	1.90	17.65	-	-
	5825	165	AVG	242	61	15.75	30.00	-14.25	1.90	17.65	-	-

Table 7-43. ISED ANT WF7a 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5190	38	AVG	484	65	12.93	-	-	2.70	15.63	22.75	-7.12
	5230	46	AVG	484	65	16.40	-	-	2.70	19.10	22.75	-3.65
	5270	54	AVG	484	65	17.23	23.78	-6.55	1.70	18.93	29.78	-10.85
	5310	62	AVG	484	65	12.94	23.78	-10.84	1.70	14.64	29.78	-15.14
	5510	102	AVG	484	65	13.00	23.58	-10.58	-0.30	12.70	29.58	-16.88
	5550	110	AVG	484	65	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5590	118	AVG	484	65	14.23	23.58	-9.35	-0.30	13.93	29.58	-15.65
	5670	134	AVG	484	65	14.16	23.58	-9.42	-0.30	13.86	29.58	-15.72
	5710	142	AVG	484	65	14.19	23.58	-9.39	-0.30	13.89	29.58	-15.69
	5755	151	AVG	484	65	15.72	23.98	-8.26	1.90	17.62	-	-
	5795	159	AVG	484	65	15.75	23.98	-8.23	1.90	17.65	-	-

Table 7-44. ISED ANT WF7a 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Detector	RU Size	RU Index	Conducted Power [dBm]	Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
	5210	42	AVG	996	67	11.00	-	-	2.70	13.70	22.75	-9.05
	5290	58	AVG	996	67	12.00	23.78	-11.78	1.70	13.70	29.78	-16.08
	5530	106	AVG	996	67	12.00	23.58	-11.58	-0.30	11.70	29.58	-17.88
	5610	122	AVG	996	67	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5690	138	AVG	996	67	14.25	23.58	-9.33	-0.30	13.95	29.58	-15.63
	5775	155	AVG	996	67	15.75	23.47	-7.72	1.90	17.65	-	-

Table 7-45. ISED ANT WF7a 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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FCC CDD/SDM Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
5180	36		CDD	AVG	26	0	8.55	8.57	11.57	23.98	-12.41
			CDD	AVG	26	4	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	8	8.53	8.56	11.56	23.98	-12.42
5200	40		CDD	AVG	26	0	8.54	8.49	11.53	23.98	-12.45
			CDD	AVG	26	4	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	8	8.41	8.29	11.36	23.98	-12.62
5240	48		CDD	AVG	26	0	8.48	8.53	11.52	23.98	-12.46
			CDD	AVG	26	4	8.97	9.00	12.00	23.98	-11.98
			CDD	AVG	26	8	8.44	8.46	11.46	23.98	-12.52
5260	52		CDD	AVG	26	0	8.64	8.41	11.54	23.78	-12.24
			CDD	AVG	26	4	9.00	8.90	11.96	23.78	-11.82
			CDD	AVG	26	8	8.57	8.31	11.45	23.78	-12.33
5300	60		CDD	AVG	26	0	8.45	8.61	11.54	23.78	-12.24
			CDD	AVG	26	4	8.94	8.98	11.97	23.78	-11.81
			CDD	AVG	26	8	8.45	8.57	11.52	23.78	-12.26
5320	64		CDD	AVG	26	0	8.50	8.52	11.52	23.78	-12.26
			CDD	AVG	26	4	8.95	8.98	11.98	23.78	-11.81
			CDD	AVG	26	8	8.50	8.46	11.49	23.78	-12.29
5500	100		CDD	AVG	26	0	8.46	8.56	11.52	23.58	-12.06
			CDD	AVG	26	4	8.95	8.98	11.98	23.58	-11.60
			CDD	AVG	26	8	8.48	8.55	11.53	23.58	-12.05
5580	116		CDD	AVG	26	0	8.70	8.46	11.59	23.58	-11.98
			CDD	AVG	26	4	9.00	8.92	11.97	23.58	-11.61
			CDD	AVG	26	8	8.79	8.43	11.62	23.58	-11.95
5720	144		CDD	AVG	26	0	8.75	8.49	11.63	23.58	-11.94
			CDD	AVG	26	4	8.97	9.00	12.00	23.58	-11.58
			CDD	AVG	26	8	9.00	8.74	11.88	23.58	-11.69
5745	149		CDD	AVG	26	0	20.52	20.41	23.48	30.00	-6.52
			CDD	AVG	27	4	21.00	21.00	24.01	30.00	-5.99
			CDD	AVG	28	8	20.67	20.64	23.67	30.00	-6.33
5785	157		CDD	AVG	29	0	20.55	20.33	23.45	30.00	-6.55
			CDD	AVG	30	4	21.00	20.92	23.97	30.00	-6.03
			CDD	AVG	31	8	20.67	20.61	23.65	30.00	-6.35
5825	165		CDD	AVG	32	0	20.47	20.29	23.39	30.00	-6.61
			CDD	AVG	33	4	21.00	20.92	23.97	30.00	-6.03
			CDD	AVG	34	8	20.46	20.58	23.53	30.00	-6.47

Table 7-46. FCC CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 150 of 591

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5190	38	CDD	AVG	26	0	7.82	7.78	10.81	23.98	-13.17
			CDD	AVG	26	8	8.92	8.90	11.92	23.98	-12.06
			CDD	AVG	26	17	8.01	8.07	11.05	23.98	-12.93
	5230	46	CDD	AVG	26	0	7.93	7.87	10.91	23.98	-13.07
			CDD	AVG	26	8	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	17	7.93	8.00	10.98	23.98	-13.00
	5270	54	CDD	AVG	26	0	7.89	8.05	10.98	23.78	-12.80
			CDD	AVG	26	8	9.00	9.00	12.01	23.78	-11.77
			CDD	AVG	26	17	8.07	8.08	11.09	23.78	-12.70
	5310	62	CDD	AVG	26	0	8.14	8.12	11.14	23.78	-12.64
			CDD	AVG	26	8	9.00	9.00	12.01	23.78	-11.77
			CDD	AVG	26	17	8.18	8.22	11.21	23.78	-12.57
	5510	102	CDD	AVG	26	0	7.97	8.17	11.08	23.58	-12.50
			CDD	AVG	26	8	9.00	8.96	11.99	23.58	-11.59
			CDD	AVG	26	17	8.21	8.29	11.26	23.58	-12.32
	5550	110	CDD	AVG	26	0	7.89	8.00	10.96	23.58	-12.62
			CDD	AVG	26	8	9.00	9.00	12.01	23.58	-11.57
			CDD	AVG	26	17	8.26	8.12	11.20	23.58	-12.38
	5590	118	CDD	AVG	26	0	8.00	7.95	10.99	23.58	-12.59
			CDD	AVG	26	8	9.00	9.00	12.01	23.58	-11.57
			CDD	AVG	26	17	8.41	8.25	11.34	23.58	-12.24
	5710	142	CDD	AVG	26	0	7.92	7.63	11.02	23.58	-12.55
			CDD	AVG	26	8	9.00	8.93	12.01	23.58	-11.57
			CDD	AVG	26	17	8.37	8.08	11.45	23.58	-12.12
	5755	151	CDD	AVG	26	0	19.43	19.19	10.79	23.98	-13.19
			CDD	AVG	26	8	20.50	20.45	11.98	23.98	-12.00
			CDD	AVG	26	17	19.83	19.55	11.24	23.98	-12.74
	5795	159	CDD	AVG	26	0	19.45	19.40	22.32	23.98	-1.66
			CDD	AVG	26	8	20.50	20.41	23.49	23.98	-0.49
			CDD	AVG	26	17	19.77	19.81	22.70	23.98	-1.28

Table 7-47. FCC CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5210	42	CDD	AVG	26	0	8.21	8.37	11.30	23.98	-12.68
			CDD	AVG	26	18	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	36	8.25	8.43	11.35	23.98	-12.63
	5290	58	CDD	AVG	26	0	8.19	8.34	11.28	23.78	-12.50
			CDD	AVG	26	18	9.00	9.00	12.01	23.78	-11.77
			CDD	AVG	26	36	8.15	8.32	11.25	23.78	-12.53
	5530	106	CDD	AVG	26	0	8.42	8.36	11.40	23.58	-12.18
			CDD	AVG	26	18	9.00	9.00	12.01	23.58	-11.57
			CDD	AVG	26	36	8.70	8.40	11.56	23.58	-12.01
	5610	122	CDD	AVG	26	0	8.12	8.07	11.11	23.58	-12.47
			CDD	AVG	26	18	8.93	9.00	11.98	23.58	-11.60
			CDD	AVG	26	36	8.50	8.23	11.38	23.58	-12.20
	5690	138	CDD	AVG	26	0	8.48	8.37	11.44	23.58	-12.14
			CDD	AVG	26	18	9.00	9.00	12.01	23.58	-11.57
			CDD	AVG	26	36	8.82	8.56	11.70	23.58	-11.87
	5775	155	CDD	AVG	26	0	14.14	13.80	16.98	23.47	-6.49
			CDD	AVG	26	18	14.91	15.00	17.97	23.47	-5.50
			CDD	AVG	26	36	14.41	14.15	17.29	23.47	-6.18

Table 7-48. FCC CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 151 of 591

ISED CDD/SDM Conducted Output Power Measurements (RU26)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTWF8	ANTWF7A	Summed						
5180	36		SDM	AVG	26	0	3.28	3.30	6.30	-	-	2.60	8.90	22.75	-13.85
			SDM	AVG	26	4	3.75	3.75	6.76	-	-	2.60	9.36	22.75	-13.39
			SDM	AVG	26	8	3.38	3.29	6.35	-	-	2.60	8.95	22.75	-13.81
5200	40		SDM	AVG	26	0	3.39	3.26	6.34	-	-	2.60	8.94	22.75	-13.82
			SDM	AVG	26	4	3.75	3.75	6.76	-	-	2.60	9.36	22.75	-13.39
			SDM	AVG	26	8	3.34	3.23	6.30	-	-	2.60	8.90	22.75	-13.86
5240	48		SDM	AVG	26	0	3.38	3.24	6.32	-	-	2.60	8.92	22.75	-13.83
			SDM	AVG	26	4	3.75	3.75	6.76	-	-	2.60	9.36	22.75	-13.39
			SDM	AVG	26	8	3.40	3.23	6.33	-	-	2.60	8.93	22.75	-13.83
5260	52		CDD	AVG	26	0	8.64	8.41	11.54	23.78	-12.24	5.17	16.71	29.78	-13.07
			CDD	AVG	26	4	9.00	8.90	11.96	23.78	-11.82	5.17	17.13	29.78	-12.65
			CDD	AVG	26	8	8.57	8.31	11.45	23.78	-12.33	5.17	16.62	29.78	-13.16
5300	60		CDD	AVG	26	0	8.45	8.61	11.54	23.78	-12.24	5.17	16.71	29.78	-13.07
			CDD	AVG	26	4	8.94	8.98	11.97	23.78	-11.81	5.17	17.14	29.78	-12.64
			CDD	AVG	26	8	8.45	8.57	11.52	23.78	-12.26	5.17	16.69	29.78	-13.09
5320	64		CDD	AVG	26	0	8.50	8.52	11.52	23.78	-12.26	5.17	16.69	29.78	-13.09
			CDD	AVG	26	4	8.95	8.98	11.98	23.78	-11.81	5.17	17.15	29.78	-12.63
			CDD	AVG	26	8	8.50	8.46	11.49	23.78	-12.29	5.17	16.66	29.78	-13.12
5500	100		CDD	AVG	26	0	8.46	8.56	11.52	23.58	-12.06	4.22	15.74	29.58	-13.83
			CDD	AVG	26	4	8.95	8.98	11.98	23.58	-11.60	4.22	16.20	29.58	-13.38
			CDD	AVG	26	8	8.48	8.55	11.53	23.58	-12.05	4.22	15.75	29.58	-13.83
5580	116		CDD	AVG	26	0	8.70	8.46	11.59	23.58	-11.98	4.22	15.81	29.58	-13.76
			CDD	AVG	26	4	9.00	8.92	11.97	23.58	-11.61	4.22	16.19	29.58	-13.38
			CDD	AVG	26	8	8.79	8.43	11.62	23.58	-11.95	4.22	15.85	29.58	-13.73
5720	144		CDD	AVG	26	0	9.00	8.79	11.91	23.58	-11.67	4.22	16.13	29.58	-13.45
			CDD	AVG	26	4	8.97	9.00	12.00	23.58	-11.58	4.22	16.22	29.58	-13.36
			CDD	AVG	26	8	9.00	8.74	11.88	23.58	-11.69	4.22	16.10	29.58	-13.47
5745	149		CDD	AVG	26	0	16.54	15.04	18.86	30.00	-11.14	3.92	22.79	-	-
			CDD	AVG	27	4	17.00	15.72	19.42	30.00	-10.58	3.92	23.34	-	-
			CDD	AVG	28	8	16.68	15.34	19.07	30.00	-10.93	3.92	23.00	-	-
5785	157		CDD	AVG	29	0	16.82	15.26	19.12	30.00	-10.88	3.92	23.04	-	-
			CDD	AVG	30	4	17.00	15.64	19.38	30.00	-10.62	3.92	23.31	-	-
			CDD	AVG	31	8	17.00	15.62	19.37	30.00	-10.63	3.92	23.30	-	-
5825	165		CDD	AVG	32	0	16.28	15.03	18.71	30.00	-11.29	3.92	22.63	-	-
			CDD	AVG	33	4	16.88	15.68	19.33	30.00	-10.67	3.92	23.26	-	-
			CDD	AVG	34	8	16.30	15.34	18.86	30.00	-11.14	3.92	22.78	-	-

Table 7-49. ISED CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTWF8	ANTWF7A	Summed						
5190	38		CDD	AVG	26	0	0.73	0.75	3.75	-	-	5.61	9.36	22.75	-13.39
			CDD	AVG	26	8	0.75	0.75	3.76	-	-	5.61	9.37	22.75	-13.38
			CDD	AVG	26	17	0.75	0.74	3.76	-	-	5.61	9.37	22.75	-13.39
5230	46		CDD	AVG	26	0	0.68	0.72	3.71	-	-	5.61	9.32	22.75	-13.43
			CDD	AVG	26	8	0.75	0.75	3.76	-	-	5.61	9.37	22.75	-13.38
			CDD	AVG	26	17	0.61	0.59	3.61	-	-	5.61	9.22	22.75	-13.53
5270	54		CDD	AVG	26	0	8.98	9.00	12.00	23.78	-11.78	5.17	17.17	29.78	-12.61
			CDD	AVG	26	8	9.00	9.00	12.01	23.78	-11.77	5.17	17.18	29.78	-12.60
			CDD	AVG	26	17	9.00	8.99	12.01	23.78	-11.78	5.17	17.18	29.78	-12.60
5310	62		CDD	AVG	26	0	8.93	8.97	11.96	23.78	-11.82	5.17	17.13	29.78	-12.65
			CDD	AVG	26	8	9.00	9.00	12.01	23.78	-11.77	5.17	17.18	29.78	-12.60
			CDD	AVG	26	17	8.86	8.84	11.86	23.78	-11.92	5.17	17.03	29.78	-12.75
5510	102		CDD	AVG	26	0	8.93	8.86	11.91	23.58	-11.67	4.22	16.13	29.58	-13.45
			CDD	AVG	26	8	9.00	8.96	11.99	23.58	-11.59	4.22	16.21	29.58	-13.36
			CDD	AVG	26	17	9.00	8.92	11.97	23.58	-11.61	4.22	16.19	29.58	-13.38
5550	110		CDD	AVG	26	0	8.85	9.00	11.94	23.58	-11.64	4.22	16.16	29.58	-13.42
			CDD	AVG	26	8	9.00	9.00	12.01	23.58	-11.57	4.22	16.23	29.58	-13.34
			CDD	AVG	26	17	9.00	8.91	11.97	23.58	-11.61	4.22	16.19	29.58	-13.39
5590	118		CDD	AVG	26	0	9.00	8.97	12.00	23.58	-11.58	4.22	16.22	29.58	-13.36
			CDD	AVG	26	8	9.00	9.00	12.01	23.58	-11.57	4.22	16.23	29.58	-13.34
			CDD	AVG	26	17	9.00	9.00	12.01	23.58	-11.57	4.22	16.23	29.58	-13.34
5710	142		CDD	AVG	26	0	8.97	9.00	12.00	23.58	-11.58	4.22	16.22	29.58	-13.36
			CDD	AVG	26	8	9.00	8.93	11.98	23.58	-11.60	4.22	16.20	29.58	-13.38
			CDD	AVG	26	17	8.87	8.93	11.91	23.58	-11.67	4.22	16.13	29.58	-13.44
5755	151		CDD	AVG	26	0	17.00	15.75	19.43	23.98	-4.55	3.92	23.35	-	-
			CDD	AVG	26	8	17.00	15.73	19.42	23.98	-4.56	3.92	23.35	-	-
			CDD	AVG	26	17	17.00	15.68	19.40	23.98	-4.58	3.92	23.32	-	-
5795	159		CDD	AVG	26	0	15.66	14.17	17.99	23.98	-5.99	3.92	21.91	-	-
			CDD	AVG	26	8	16.96	15.69	19.38	23.98	-4.60	3.92	23.31	-	-
			CDD	AVG	26	17	16.05	14.69	18.43	23.98	-5.55	3.92	22.36	-	-

Table 7-50. ISED CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 152 of 591

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTWF8	ANTWF7A	Summed						
5GHz (80MHz Bandwidth)	5210	42	CDD	AVG	26	0	-0.06	0.09	3.03	-	-	5.61	8.64	22.75	-14.12
			CDD	AVG	26	18	0.75	0.75	3.76	-	-	5.61	9.37	22.75	-13.38
			CDD	AVG	26	36	-0.10	0.07	3.00	-	-	5.61	8.61	22.75	-14.15
	5290	58	CDD	AVG	26	0	8.19	8.34	11.28	23.78	-12.50	5.17	16.45	29.78	-13.33
			CDD	AVG	26	18	9.00	9.00	12.01	23.78	-11.77	5.17	17.18	29.78	-12.60
			CDD	AVG	26	36	8.15	8.32	11.25	23.78	-12.53	5.17	16.42	29.78	-13.36
	5530	106	CDD	AVG	26	0	8.42	8.36	11.40	23.58	-12.18	4.22	15.62	29.58	-13.95
			CDD	AVG	26	18	9.00	9.00	12.01	23.58	-11.57	4.22	16.23	29.58	-13.34
			CDD	AVG	26	36	8.70	8.40	11.56	23.58	-12.01	4.22	15.79	29.58	-13.79
	5610	122	CDD	AVG	26	0	8.12	8.07	11.11	23.58	-12.47	4.22	15.33	29.58	-14.25
			CDD	AVG	26	18	8.93	9.00	11.98	23.58	-11.60	4.22	16.20	29.58	-13.38
			CDD	AVG	26	36	8.50	8.23	11.38	23.58	-12.20	4.22	15.60	29.58	-13.98
	5690	138	CDD	AVG	26	0	8.48	8.37	11.44	23.58	-12.14	4.22	15.66	29.58	-13.92
			CDD	AVG	26	18	9.00	9.00	12.01	23.58	-11.57	4.22	16.23	29.58	-13.34
			CDD	AVG	26	36	8.82	8.56	11.70	23.58	-11.87	4.22	15.92	29.58	-13.65
	5775	155	CDD	AVG	26	0	14.14	13.80	16.98	23.47	-6.49	3.92	20.91	-	-
			CDD	AVG	26	18	14.91	15.00	17.97	23.47	-5.50	3.92	21.89	-	-
			CDD	AVG	26	36	14.41	14.15	17.29	23.47	-6.18	3.92	21.22	-	-

Table 7-51. ISED CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 153 of 591

FCC CDD/SDM Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5180	36	CDD	AVG	106	53	14.49	14.44	17.48	23.98	-6.50
			CDD	AVG	106	54	14.50	14.41	17.47	23.98	-6.51
	5200	40	CDD	AVG	106	53	14.97	15.00	18.00	23.98	-5.98
			CDD	AVG	106	54	14.91	14.90	17.92	23.98	-6.06
	5240	48	CDD	AVG	106	53	14.86	15.00	17.94	23.98	-6.04
			CDD	AVG	106	54	14.88	15.00	17.95	23.98	-6.03
	5260	52	CDD	AVG	106	53	14.94	15.00	17.98	23.78	-5.80
			CDD	AVG	106	54	14.91	15.00	17.97	23.78	-5.82
	5300	60	CDD	AVG	106	53	15.00	14.90	17.96	23.78	-5.82
			CDD	AVG	106	54	15.00	14.80	17.91	23.78	-5.87
	5320	64	CDD	AVG	106	53	13.43	13.45	16.45	23.78	-7.33
			CDD	AVG	106	54	13.39	13.49	16.45	23.78	-7.33
	5500	100	CDD	AVG	106	53	14.39	14.40	17.41	23.58	-6.17
			CDD	AVG	106	54	14.37	14.36	17.38	23.58	-6.20
	5520	104	CDD	AVG	106	53	14.92	15.00	17.97	23.58	-5.61
			CDD	AVG	106	54	15.00	14.86	17.94	23.58	-5.64
	5540	108	CDD	AVG	106	53	15.00	14.90	17.96	23.58	-5.62
			CDD	AVG	106	54	15.00	14.85	17.94	23.58	-5.64
	5580	116	CDD	AVG	106	53	15.00	14.97	18.00	23.58	-5.58
			CDD	AVG	106	54	15.00	14.96	17.99	23.58	-5.59
	5660	132	CDD	AVG	106	53	14.82	14.98	17.91	23.58	-5.67
			CDD	AVG	106	54	14.85	14.95	17.91	23.58	-5.67
	5680	136	CDD	AVG	106	53	15.00	14.88	17.95	23.58	-5.63
			CDD	AVG	106	54	15.00	14.95	17.99	23.58	-5.59
	5700	140	CDD	AVG	106	53	10.87	10.71	13.80	23.58	-9.78
			CDD	AVG	106	54	10.97	10.95	13.97	23.58	-9.61
	5720	144	CDD	AVG	106	53	14.86	14.78	17.83	23.58	-5.75
			CDD	AVG	106	54	14.89	14.96	17.94	23.58	-5.64
	5745	149	CDD	AVG	106	53	20.82	20.76	23.80	30.00	-6.20
			CDD	AVG	106	54	20.85	20.85	23.86	30.00	-6.14
	5785	157	CDD	AVG	106	53	21.00	20.90	23.96	30.00	-6.04
			CDD	AVG	106	54	20.93	21.00	23.98	30.00	-6.02
	5825	165	CDD	AVG	106	53	20.78	21.00	23.90	30.00	-6.10
			CDD	AVG	106	54	20.87	21.00	23.95	30.00	-6.05

Table 7-52. FCC CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 154 of 591

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5190	38	CDD	AVG	242	61	11.46	11.42	14.45	23.98	-9.53
			CDD	AVG	242	62	11.50	11.50	14.51	23.98	-9.47
	5230	46	CDD	AVG	242	61	16.86	16.69	19.79	23.98	-4.19
			CDD	AVG	242	62	17.00	17.00	20.01	23.98	-3.97
	5270	54	CDD	AVG	242	61	16.83	16.79	19.82	23.78	-3.96
			CDD	AVG	242	62	16.92	17.00	19.97	23.78	-3.81
	5310	62	CDD	AVG	242	61	12.00	11.67	14.85	23.78	-8.93
			CDD	AVG	242	62	12.00	12.00	15.01	23.78	-8.77
	5510	102	CDD	AVG	242	61	11.00	10.88	13.95	23.58	-9.63
			CDD	AVG	242	62	11.00	11.00	14.01	23.58	-9.57
	5550	110	CDD	AVG	242	61	16.86	16.85	19.87	23.58	-3.71
			CDD	AVG	242	62	17.00	17.00	20.01	23.58	-3.57
	5590	118	CDD	AVG	242	61	16.86	16.80	19.84	23.58	-3.74
			CDD	AVG	242	62	17.00	17.00	20.01	23.58	-3.57
	5670	134	CDD	AVG	242	61	13.21	13.36	16.30	23.58	-7.28
			CDD	AVG	242	62	13.50	13.50	16.51	23.58	-7.07
	5710	142	CDD	AVG	106	53	14.39	14.17	17.29	23.58	-6.29
			CDD	AVG	106	54	15.00	14.92	17.97	23.58	-5.61
			CDD	AVG	106	56	14.61	14.64	17.64	23.58	-5.94
	5755	151	CDD	AVG	242	61	20.44	20.47	23.47	23.98	-0.51
			CDD	AVG	242	62	20.50	20.50	23.51	23.98	-0.47
	5795	159	CDD	AVG	242	61	20.50	20.50	23.51	23.98	-0.47
			CDD	AVG	242	62	20.50	20.50	23.51	23.98	-0.47

Table 7-53. FCC CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5210	42	CDD	AVG	484	65	8.69	8.69	11.70	23.98	-12.28
			CDD	AVG	484	66	8.90	9.00	11.96	23.98	-12.02
	5290	58	CDD	AVG	484	65	9.77	9.82	12.81	23.78	-10.98
			CDD	AVG	484	66	10.00	9.99	13.01	23.78	-10.78
	5530	106	CDD	AVG	484	65	9.79	9.94	12.88	23.58	-10.70
			CDD	AVG	484	66	9.90	10.00	12.96	23.58	-10.62
	5610	122	CDD	AVG	484	65	15.83	15.81	18.83	23.58	-4.75
			CDD	AVG	484	66	15.96	15.94	18.96	23.58	-4.62
	5690	138	CDD	AVG	106	53	14.41	14.39	17.41	23.58	-6.17
			CDD	AVG	106	56	14.98	15.00	18.00	23.58	-5.58
			CDD	AVG	106	60	14.73	14.58	17.67	23.58	-5.91
	5775	155	CDD	AVG	484	65	14.82	14.95	17.90	23.47	-5.57
			CDD	AVG	484	66	14.98	15.00	18.00	23.47	-5.47

Table 7-54. FCC CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 155 of 591

ISED CDD/SDM Conducted Output Power Measurements (Highest Power Among Partially-Loaded RU's)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTW7F8	ANTW7F7A	Summed						
	5180	36	SDM	AVG	106	53	9.73	9.73	12.74	-	-	2.60	15.34	22.75	-7.41
			SDM	AVG	106	54	9.75	9.75	12.76	-	-	2.60	15.36	22.75	-7.39
	5200	40	SDM	AVG	106	53	9.57	9.75	12.67	-	-	2.60	15.27	22.75	-7.48
			SDM	AVG	106	54	9.66	9.75	12.72	-	-	2.60	15.32	22.75	-7.44
	5240	48	SDM	AVG	106	53	9.75	9.75	12.76	-	-	2.60	15.36	22.75	-7.39
			SDM	AVG	106	54	9.68	9.73	12.72	-	-	2.60	15.32	22.75	-7.44
	5260	52	CDD	AVG	106	53	14.94	15.00	17.98	23.78	-5.80	5.17	23.15	29.78	-6.63
			CDD	AVG	106	54	14.91	15.00	17.97	23.78	-5.82	5.17	23.14	29.78	-6.64
	5300	60	CDD	AVG	106	53	15.00	14.90	17.96	23.78	-5.82	5.17	23.13	29.78	-6.65
			CDD	AVG	106	54	15.00	14.80	17.91	23.78	-5.87	5.17	23.08	29.78	-6.70
	5320	64	CDD	AVG	106	53	13.43	13.45	16.45	23.78	-7.33	5.17	21.62	29.78	-8.16
			CDD	AVG	106	54	13.39	13.49	16.45	23.78	-7.33	5.17	21.62	29.78	-8.16
	5500	100	CDD	AVG	106	53	14.34	14.24	17.30	23.58	-6.28	4.22	21.52	29.58	-8.05
			CDD	AVG	106	54	14.39	14.22	17.32	23.58	-6.26	4.22	21.54	29.58	-8.04
	5520	104	CDD	AVG	106	53	14.86	14.25	17.58	23.58	-6.00	4.22	21.80	29.58	-7.78
			CDD	AVG	106	54	14.90	14.25	17.60	23.58	-5.98	4.22	21.82	29.58	-7.76
	5540	108	CDD	AVG	106	53	14.99	14.25	17.65	23.58	-5.93	4.22	21.87	29.58	-7.71
			CDD	AVG	106	54	15.00	14.25	17.65	23.58	-5.93	4.22	21.87	29.58	-7.70
	5580	116	CDD	AVG	106	53	15.00	14.25	17.65	23.58	-5.93	4.22	21.87	29.58	-7.70
			CDD	AVG	106	54	14.97	14.23	17.63	23.58	-5.95	4.22	21.85	29.58	-7.73
	5660	132	CDD	AVG	106	53	14.92	14.24	17.60	23.58	-5.97	4.22	21.83	29.58	-7.75
			CDD	AVG	106	54	14.91	14.25	17.60	23.58	-5.97	4.22	21.83	29.58	-7.75
	5680	136	CDD	AVG	106	53	15.00	14.19	17.62	23.58	-5.95	4.22	21.85	29.58	-7.73
			CDD	AVG	106	54	15.00	14.21	17.63	23.58	-5.94	4.22	21.86	29.58	-7.72
	5700	140	CDD	AVG	106	53	10.87	10.71	13.80	23.58	-9.78	4.22	18.02	29.58	-11.55
			CDD	AVG	106	54	10.97	10.95	13.97	23.58	-9.61	4.22	18.19	29.58	-11.38
	5720	144	CDD	AVG	106	53	14.94	14.19	17.59	23.58	-5.99	4.22	21.81	29.58	-7.76
			CDD	AVG	106	54	14.91	14.25	17.60	23.58	-5.97	4.22	21.83	29.58	-7.75
	5745	149	CDD	AVG	106	53	16.91	15.52	19.28	30.00	-10.72	3.92	23.20	-	-
			CDD	AVG	106	54	16.99	15.74	19.42	30.00	-10.58	3.92	23.34	-	-
	5785	157	CDD	AVG	106	53	17.00	15.52	19.33	30.00	-10.67	3.92	23.26	-	-
			CDD	AVG	106	54	17.00	15.66	19.39	30.00	-10.61	3.92	23.32	-	-
	5825	165	CDD	AVG	106	53	16.90	15.50	19.27	30.00	-10.73	3.92	23.19	-	-
			CDD	AVG	106	54	16.77	15.75	19.30	30.00	-10.70	3.92	23.22	-	-

Table 7-55. ISED CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTW7F8	ANTW7F7A	Summed						
	5190	38	SDM	AVG	242	61	11.30	11.50	14.41	-	-	2.60	17.01	22.75	-5.74
			SDM	AVG	242	62	11.42	11.50	14.47	-	-	2.60	17.07	22.75	-5.68
	5230	46	SDM	AVG	242	61	12.10	12.18	15.15	-	-	2.60	17.75	22.75	-5.00
			SDM	AVG	242	62	12.20	12.17	15.20	-	-	2.60	17.80	22.75	-4.96
	5270	54	CDD	AVG	242	61	16.83	16.79	19.82	23.78	-3.96	5.17	24.99	29.78	-4.79
			CDD	AVG	242	62	16.92	17.00	19.97	23.78	-3.81	5.17	25.14	29.78	-4.64
	5310	62	CDD	AVG	242	61	11.71	11.41	14.57	23.78	-9.21	5.17	19.74	29.78	-10.04
			CDD	AVG	242	62	12.00	12.00	15.01	23.78	-8.77	5.17	20.18	29.78	-9.60
	5510	102	CDD	AVG	242	61	11.00	10.88	13.95	23.58	-9.63	4.22	18.17	29.58	-11.40
			CDD	AVG	242	62	11.00	11.00	14.01	23.58	-9.57	4.22	18.23	29.58	-11.34
	5550	110	CDD	AVG	242	61	16.82	13.91	18.61	23.58	-4.96	4.22	22.84	29.58	-6.74
			CDD	AVG	242	62	16.94	14.23	18.80	23.58	-4.77	4.22	23.03	29.58	-6.55
	5590	118	CDD	AVG	242	61	16.83	14.00	18.65	23.58	-4.92	4.22	22.87	29.58	-6.70
			CDD	AVG	242	62	17.00	14.23	18.84	23.58	-4.73	4.22	23.07	29.58	-6.51
	5670	134	CDD	AVG	242	61	13.21	13.36	16.30	23.58	-7.28	4.22	20.52	29.58	-9.06
			CDD	AVG	242	62	13.50	13.50	16.51	23.58	-7.07	4.22	20.73	29.58	-8.84
	5710	142	CDD	AVG	106	53	15.00	14.19	17.62	23.58	-5.95	4.22	21.85	29.58	-7.73
			CDD	AVG	106	54	14.96	14.06	17.54	23.58	-6.03	4.22	21.77	29.58	-7.81
			CDD	AVG	106	56	15.00	14.19	17.62	23.58	-5.95	4.22	21.85	29.58	-7.73
	5755	151	CDD	AVG	242	61	16.88	15.68	19.33	23.98	-4.65	3.92	23.26	-	-
			CDD	AVG	242	62	17.00	15.75	19.43	23.98	-4.55	3.92	23.35	-	-
	5795	159	CDD	AVG	242	61	16.80	15.56	19.23	23.98	-4.74	3.92	23.16	-	-
			CDD	AVG	242	62	16.91	15.68	19.35	23.98	-4.63	3.92	23.27	-	-

Table 7-56. ISED CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 156 of 591

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTWF8	ANTWF7A	Summed						
	5210	42	CDD	AVG	484	65	8.64	8.95	11.81	-	-	5.61	17.42	22.75	-5.33
			CDD	AVG	484	66	8.95	9.00	11.99	-	-	5.61	17.60	22.75	-5.16
	5290	58	CDD	AVG	484	65	9.77	9.82	12.81	23.78	-10.98	5.17	17.98	29.78	-11.80
			CDD	AVG	484	66	10.00	9.99	13.01	23.78	-10.78	5.17	18.18	29.78	-11.60
	5530	106	CDD	AVG	484	65	9.79	9.94	12.88	23.58	-10.70	4.22	17.10	29.58	-12.48
			CDD	AVG	484	66	9.90	10.00	12.96	23.58	-10.62	4.22	17.18	29.58	-12.39
	5610	122	CDD	AVG	484	65	16.00	14.12	18.17	23.58	-5.41	4.22	22.39	29.58	-7.18
			CDD	AVG	484	66	16.00	14.20	18.20	23.58	-5.37	4.22	22.43	29.58	-7.15
	5690	138	CDD	AVG	106	53	14.49	13.77	17.16	23.58	-6.42	4.22	21.38	29.58	-8.20
			CDD	AVG	106	56	14.96	14.18	17.60	23.58	-5.98	4.22	21.82	29.58	-7.76
	5775	155	CDD	AVG	106	60	14.58	13.80	17.22	23.58	-6.36	4.22	21.44	29.58	-8.14
			CDD	AVG	484	65	14.82	14.95	17.90	23.47	-5.57	3.92	21.82	-	-
			CDD	AVG	484	66	14.98	15.00	18.00	23.47	-5.47	3.92	21.92	-	-

Table 7-57. ISED CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 157 of 591

FCC CDD/SDM Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5180	36	CDD	AVG	242	61	14.41	14.50	17.47	23.98	-6.51
	5200	40	CDD	AVG	242	61	17.00	17.00	20.01	23.98	-3.97
	5240	48	CDD	AVG	242	61	16.93	17.00	19.98	23.98	-4.00
	5260	52	CDD	AVG	242	61	16.92	17.00	19.97	23.78	-3.81
	5300	60	CDD	AVG	242	61	16.92	16.90	19.92	23.78	-3.86
	5320	64	CDD	AVG	242	61	13.50	13.50	16.51	23.78	-7.27
	5500	100	CDD	AVG	242	61	14.50	14.43	17.48	23.58	-6.10
	5520	104	CDD	AVG	242	61	16.98	17.00	20.00	23.58	-3.58
	5540	108	CDD	AVG	242	61	17.00	16.96	19.99	23.58	-3.59
	5580	116	CDD	AVG	242	61	17.00	17.00	20.01	23.58	-3.57
	5660	132	CDD	AVG	242	61	17.00	16.94	19.98	23.58	-3.60
	5680	136	CDD	AVG	242	61	17.00	16.93	19.98	23.58	-3.60
	5700	140	CDD	AVG	242	61	11.00	10.97	14.00	23.58	-9.58
	5720	144	CDD	AVG	242	61	17.00	17.00	20.01	23.58	-3.57
	5745	149	CDD	AVG	242	61	20.96	21.00	23.99	30.00	-6.01
	5785	157	CDD	AVG	242	61	21.00	20.97	24.00	30.00	-6.00
	5825	165	CDD	AVG	242	61	21.00	21.00	24.01	30.00	-5.99

Table 7-58. FCC CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5190	38	CDD	AVG	484	65	11.50	11.33	14.43	23.98	-9.55
	5230	46	CDD	AVG	484	65	18.92	19.00	21.97	23.98	-2.01
	5270	54	CDD	AVG	484	65	18.99	19.00	22.01	23.78	-1.78
	5310	62	CDD	AVG	484	65	12.00	11.80	14.91	23.78	-8.87
	5510	102	CDD	AVG	484	65	10.84	11.00	13.93	23.58	-9.65
	5550	110	CDD	AVG	484	65	18.00	17.93	20.98	23.58	-2.60
	5590	118	CDD	AVG	484	65	19.32	19.50	22.42	23.58	-1.16
	5670	134	CDD	AVG	484	65	13.44	13.45	16.46	23.58	-7.12
	5710	142	CDD	AVG	484	65	19.37	19.50	22.45	23.58	-1.13
	5755	151	CDD	AVG	484	65	20.41	20.47	23.45	23.98	-0.53
	5795	159	CDD	AVG	484	65	20.50	20.40	23.46	23.98	-0.52

Table 7-59. FCC CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							ANTWF8	ANTWF7A	Summed		
	5210	42	CDD	AVG	996	67	9.00	9.00	12.01	23.98	-11.97
	5290	58	CDD	AVG	996	67	10.00	10.00	13.01	23.78	-10.77
	5530	106	CDD	AVG	996	67	10.00	10.00	13.01	23.58	-10.57
	5610	122	CDD	AVG	996	67	15.92	15.96	18.95	23.58	-4.63
	5690	138	CDD	AVG	996	67	19.94	19.91	22.94	23.58	-0.64
	5775	155	CDD	AVG	996	67	15.00	15.00	18.01	23.47	-5.46

Table 7-60. FCC CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 158 of 591

ISED CDD/SDM Conducted Output Power Measurements (Fully-loaded RU)

5GHz (20MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTWF8	ANTWF7A	Summed						
	5180	36	SDM	AVG	242	61	12.16	12.22	15.20	-	-	2.60	17.80	22.75	-4.95
	5200	40	SDM	AVG	242	61	12.19	12.23	15.22	-	-	2.60	17.82	22.75	-4.93
	5240	48	SDM	AVG	242	61	12.13	12.03	15.09	-	-	2.60	17.69	22.75	-5.06
	5260	52	CDD	AVG	242	61	16.92	17.00	19.97	23.78	-3.81	5.17	25.14	29.78	-4.64
	5300	60	CDD	AVG	242	61	16.92	16.90	19.92	23.78	-3.86	5.17	25.09	29.78	-4.69
	5320	64	CDD	AVG	242	61	13.50	13.50	16.51	23.78	-7.27	5.17	21.68	29.78	-8.10
	5500	100	CDD	AVG	242	61	14.50	14.25	17.39	23.58	-6.19	4.22	21.61	29.58	-7.97
	5520	104	CDD	AVG	242	61	16.97	14.17	18.80	23.58	-4.77	4.22	23.02	29.58	-6.55
	5540	108	CDD	AVG	242	61	16.90	14.20	18.77	23.58	-4.81	4.22	22.99	29.58	-6.59
	5580	116	CDD	AVG	242	61	16.97	14.25	18.83	23.58	-4.75	4.22	23.05	29.58	-6.52
	5660	132	CDD	AVG	242	61	16.98	14.23	18.83	23.58	-4.75	4.22	23.05	29.58	-6.52
	5680	136	CDD	AVG	242	61	17.00	14.21	18.84	23.58	-4.74	4.22	23.06	29.58	-6.52
	5700	140	CDD	AVG	242	61	11.00	10.97	14.00	23.58	-9.58	4.22	18.22	29.58	-11.36
	5720	144	CDD	AVG	242	61	16.97	14.22	18.82	23.58	-4.76	4.22	23.04	29.58	-6.53
	5745	149	CDD	AVG	242	61	16.91	15.75	19.38	30.00	-10.62	3.92	23.30	-	-
	5785	157	CDD	AVG	242	61	17.00	15.74	19.43	30.00	-10.57	3.92	23.35	-	-
	5825	165	CDD	AVG	242	61	17.00	15.63	19.38	30.00	-10.62	3.92	23.30	-	-

Table 7-61. ISED CDD/SDM 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (40MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTWF8	ANTWF7A	Summed						
	5190	38	CDD	AVG	484	65	11.50	11.50	14.51	-	-	5.61	20.12	22.75	-2.63
	5230	46	SDM	AVG	484	65	14.68	14.65	17.68	-	-	2.60	20.28	22.75	-2.48
	5270	54	CDD	AVG	484	65	18.84	17.14	21.08	23.78	-2.70	5.17	26.25	29.78	-3.53
	5310	62	CDD	AVG	484	65	12.00	11.80	14.91	23.78	-8.87	5.17	20.08	29.78	-9.70
	5510	102	CDD	AVG	484	65	10.84	11.00	13.93	23.58	-9.65	4.22	18.15	29.58	-11.42
	5550	110	CDD	AVG	484	65	16.81	14.12	18.68	23.58	-4.90	4.22	22.90	29.58	-6.67
	5590	118	CDD	AVG	484	65	16.75	14.25	18.69	23.58	-4.89	4.22	22.91	29.58	-6.67
	5670	134	CDD	AVG	484	65	13.44	13.45	16.46	23.58	-7.12	4.22	20.68	29.58	-8.90
	5710	142	CDD	AVG	484	65	16.99	14.14	18.81	23.58	-4.77	4.22	23.03	29.58	-6.55
	5755	151	CDD	AVG	484	65	16.98	15.59	19.35	23.98	-4.63	3.92	23.27	-	-
	5795	159	CDD	AVG	484	65	16.93	15.63	19.34	23.98	-4.64	3.92	23.26	-	-

Table 7-62. ISED CDD/SDM 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

5GHz (80MHz Bandwidth)	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]	Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
							ANTWF8	ANTWF7A	Summed						
	5210	42	CDD	AVG	996	67	8.96	8.99	11.99	-	-	5.61	17.60	22.75	-5.16
	5290	58	CDD	AVG	996	67	9.81	9.96	12.90	23.78	-10.88	5.17	18.07	29.78	-11.71
	5530	106	CDD	AVG	996	67	10.00	10.00	13.01	23.58	-10.57	4.22	17.23	29.58	-12.34
	5610	122	CDD	AVG	996	67	16.00	14.25	18.22	23.58	-5.35	4.22	22.45	29.58	-7.13
	5690	138	CDD	AVG	996	67	17.00	14.25	18.85	23.58	-4.73	4.22	23.07	29.58	-6.50
	5775	155	CDD	AVG	996	67	14.90	14.86	17.89	23.47	-5.58	3.92	21.81	-	-

Table 7-63. ISED CDD/SDM 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 159 of 591

Note:

Per ANSI C63.10-2013 and KDB 662911 v02r01 Section E1), the conducted powers at Antenna 1 and Antenna 2 were first measured separately during CDD transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10-2013 Section 14.4.3, the directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Sample CDD Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average conducted output power was measured to be 14.97 dBm for Antenna-1 and 15.00 dBm for Antenna-2.

$$\text{Antenna 1} + \text{Antenna 2} = \text{CDD}$$

$$(14.97 \text{ dBm} + 15.00 \text{ dBm}) = (31.41 \text{ mW} + 31.62 \text{ mW}) = 63.03 \text{ mW} = 18.00 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average CDD conducted power was calculated to be 18.00 dBm with directional gain of 5.61 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$18.00 \text{ dBm} + 5.61 \text{ dBi} = 23.61 \text{ dBm}$$

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 160 of 591

7.5 Maximum Power Spectral Density – 802.11ax OFDMA §15.407(a.1.iv) §15.407(a.2) §15.407(a.3); RSS-247 [6.2]

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, was used to measure the power spectral density.

In the 5.15 – 5.25GHz, 5.25 – 5.35GHz, 5.47 – 5.725GHz bands, the maximum permissible power spectral density is 11dBm/MHz.

In the 5.725 – 5.850GHz band, the maximum permissible power spectral density is 30dBm/500kHz.

Test Procedure Used

ANSI C63.10-2013 – Section 12.3.2.2

KDB 789033 D02 v02r01 – Section F

ANSI C63.10-2013 – Section 14.3.2.2 Measure-and-Sum Technique

KDB 662911 v02r01 – Section E)2) Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Span was set to encompass the entire emission bandwidth of the signal
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points $\geq 2 \times (\text{span}/\text{RBW})$
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

Test Setup

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



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

All of the partially-loaded RU configurations have been investigated for Power Spectral Density measurement and among all partially-loaded RU configurations, the RU26 configuration was found to be the worst case. Therefore, only the RU26 (Partially-loaded RU) and RU242 (Fully-loaded RU) data are included in this section.

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
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Antenna WF8 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]
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	10.04	11.0	-0.96
				26	4	135/143.4 (MCS11)	8.93	11.0	-2.07
				26	8	135/143.4 (MCS11)	9.28	11.0	-1.72
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	9.73	11.0	-1.27
				26	4	135/143.4 (MCS11)	8.86	11.0	-2.14
				26	8	135/143.4 (MCS11)	9.33	11.0	-1.67
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	9.57	11.0	-1.43
				26	4	135/143.4 (MCS11)	8.97	11.0	-2.03
				26	8	135/143.4 (MCS11)	9.44	11.0	-1.56
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	9.25	11.0	-1.75
				26	8	271/286.8 (MCS11)	10.00	11.0	-1.00
				26	17	271/286.8 (MCS11)	9.37	11.0	-1.63
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	9.18	11.0	-1.82
				26	8	271/286.8 (MCS11)	10.19	11.0	-0.81
				26	17	271/286.8 (MCS11)	9.30	11.0	-1.70
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	7.59	11.0	-3.41
				26	18	567/600.5 (MCS11)	7.26	11.0	-3.74
				26	36	567/600.5 (MCS11)	8.13	11.0	-2.87
Band 2A	5260	52	ax (20MHz)	26	0	135/143.4 (MCS11)	10.03	11.0	-0.97
				26	4	135/143.4 (MCS11)	8.87	11.0	-2.13
				26	8	135/143.4 (MCS11)	9.42	11.0	-1.58
	5280	56	ax (20MHz)	26	0	135/143.4 (MCS11)	10.05	11.0	-0.95
				26	4	135/143.4 (MCS11)	8.84	11.0	-2.16
				26	8	135/143.4 (MCS11)	9.25	11.0	-1.75
	5320	64	ax (20MHz)	26	0	135/143.4 (MCS11)	10.10	11.0	-0.90
				26	4	135/143.4 (MCS11)	8.88	11.0	-2.12
				26	8	135/143.4 (MCS11)	9.07	11.0	-1.93
	5270	54	ax (40MHz)	26	0	271/286.8 (MCS11)	9.29	11.0	-1.71
				26	8	271/286.8 (MCS11)	10.16	11.0	-0.84
				26	17	271/286.8 (MCS11)	9.32	11.0	-1.68
	5310	62	ax (40MHz)	26	0	271/286.8 (MCS11)	9.02	11.0	-1.98
				26	8	271/286.8 (MCS11)	9.89	11.0	-1.11
				26	17	271/286.8 (MCS11)	9.19	11.0	-1.81
	5290	58	ax (80MHz)	26	0	567/600.5 (MCS11)	8.85	11.0	-2.15
				26	18	567/600.5 (MCS11)	8.31	11.0	-2.69
				26	36	567/600.5 (MCS11)	8.93	11.0	-2.07
Band 2C	5500	100	ax (20MHz)	26	0	135/143.4 (MCS11)	9.76	11.0	-1.24
				26	4	135/143.4 (MCS11)	8.56	11.0	-2.44
				26	8	135/143.4 (MCS11)	8.97	11.0	-2.03
	5580	116	ax (20MHz)	26	0	135/143.4 (MCS11)	9.91	11.0	-1.09
				26	4	135/143.4 (MCS11)	8.97	11.0	-2.03
				26	8	135/143.4 (MCS11)	9.34	11.0	-1.66
	5720	144	ax (20MHz)	26	0	135/143.4 (MCS11)	9.87	11.0	-1.13
				26	4	135/143.4 (MCS11)	9.08	11.0	-1.92
				26	8	135/143.4 (MCS11)	9.59	11.0	-1.41
	5510	102	ax (40MHz)	26	0	271/286.8 (MCS11)	7.90	11.0	-3.10
				26	8	271/286.8 (MCS11)	8.83	11.0	-2.17
				26	17	271/286.8 (MCS11)	8.57	11.0	-2.43
	5550	110	ax (40MHz)	26	0	271/286.8 (MCS11)	8.85	11.0	-2.15
				26	8	271/286.8 (MCS11)	9.71	11.0	-1.29
				26	17	271/286.8 (MCS11)	9.12	11.0	-1.88
	5710	142	ax (40MHz)	26	0	271/286.8 (MCS11)	9.29	11.0	-1.71
				26	8	271/286.8 (MCS11)	9.92	11.0	-1.08
				26	17	271/286.8 (MCS11)	9.35	11.0	-1.65
	5530	106	ax (80MHz)	26	0	567/600.5 (MCS11)	8.39	11.0	-2.61
				26	18	567/600.5 (MCS11)	7.53	11.0	-3.47
				26	36	567/600.5 (MCS11)	8.25	11.0	-2.75
	5690	138	ax (80MHz)	26	0	567/600.5 (MCS11)	8.73	11.0	-2.27
				26	18	567/600.5 (MCS11)	8.06	11.0	-2.94
				26	36	567/600.5 (MCS11)	8.82	11.0	-2.18

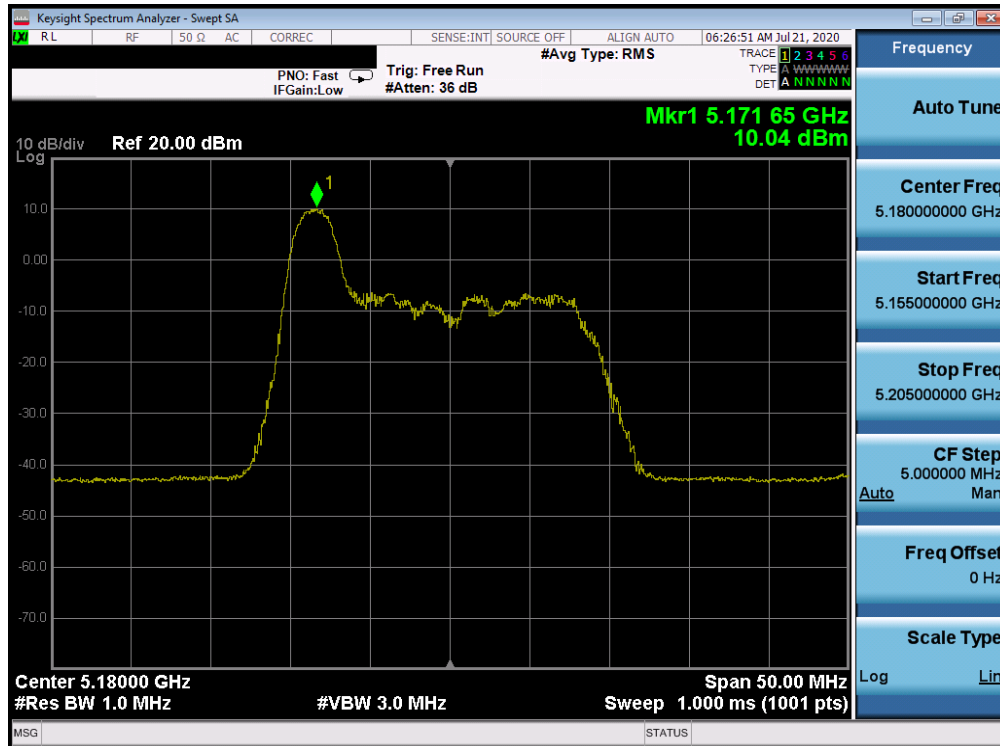
Table 7-64. Bands 1, 2A, 2C Power Spectral Density Measurements ANT WF8 (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 162 of 591

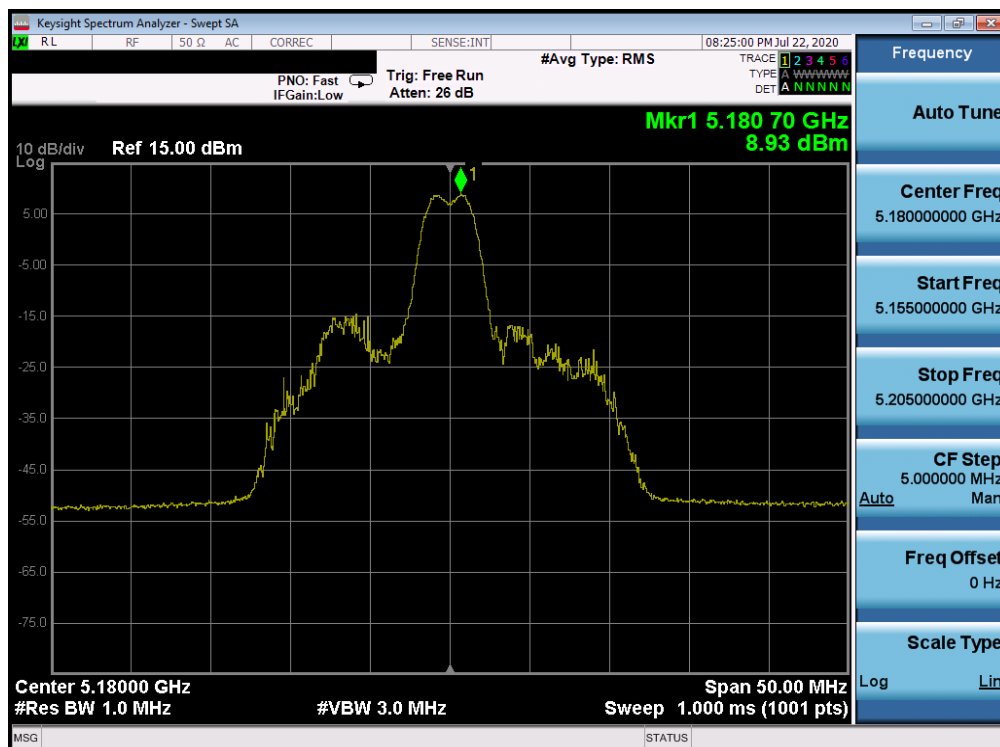
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	4.17	11.0	-6.83
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	9.79	11.0	-1.21
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	9.60	11.0	-1.40
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.56	11.0	-11.56
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	6.92	11.0	-4.08
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.62	11.0	-14.62
Band 2A	5260	52	ax (20MHz)	242	61	135/143.4 (MCS11)	9.88	11.0	-1.12
	5280	56	ax (20MHz)	242	61	135/143.4 (MCS11)	9.91	11.0	-1.09
	5320	64	ax (20MHz)	242	61	135/143.4 (MCS11)	4.55	11.0	-6.45
	5270	54	ax (40MHz)	484	65	271/286.8 (MCS11)	4.73	11.0	-6.27
	5310	62	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.39	11.0	-11.39
	5290	58	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.64	11.0	-14.64
Band 2C	5500	100	ax (20MHz)	242	61	135/143.4 (MCS11)	1.58	11.0	-9.42
	5580	116	ax (20MHz)	242	61	135/143.4 (MCS11)	9.41	11.0	-1.59
	5720	144	ax (20MHz)	242	61	135/143.4 (MCS11)	9.84	11.0	-1.16
	5510	102	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.90	11.0	-11.90
	5550	110	ax (40MHz)	484	65	271/286.8 (MCS11)	6.71	11.0	-4.29
	5710	142	ax (40MHz)	484	65	271/286.8 (MCS11)	6.78	11.0	-4.22
	5530	106	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.69	11.0	-15.69
	5690	138	ax (80MHz)	996	67	567/600.5 (MCS11)	3.97	11.0	-7.03

Table 7-65. Bands 1, 2A, 2C Power Spectral Density Measurements ANT WF8 (Fully-loaded RU)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 163 of 591



Plot 7-209. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 36)

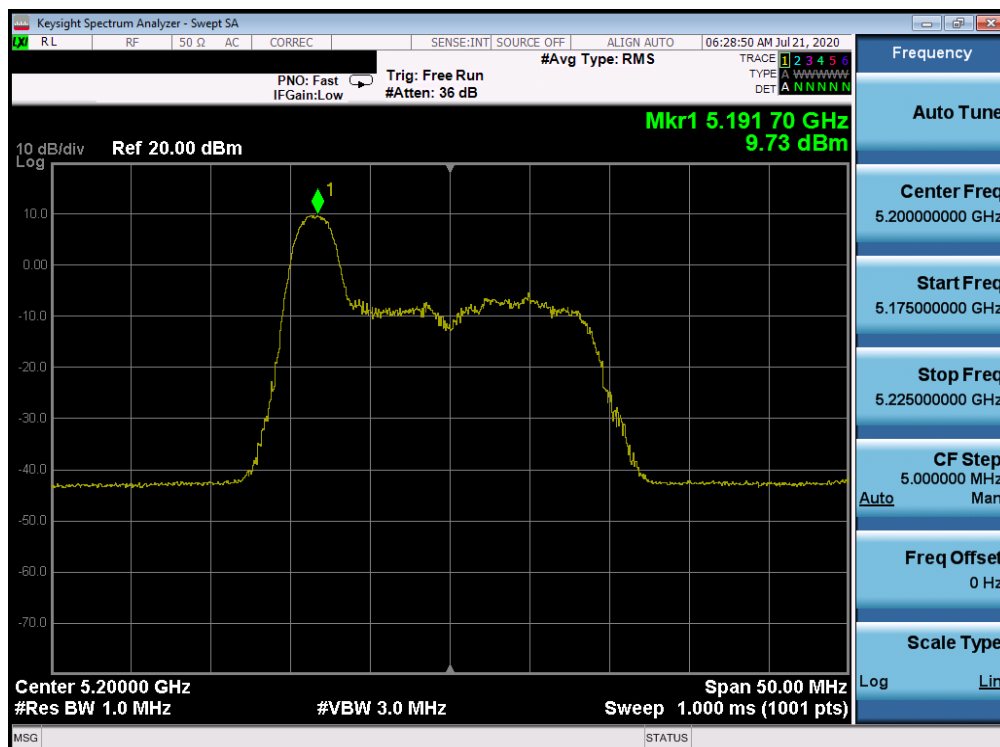


Plot 7-210. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 36)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 164 of 591

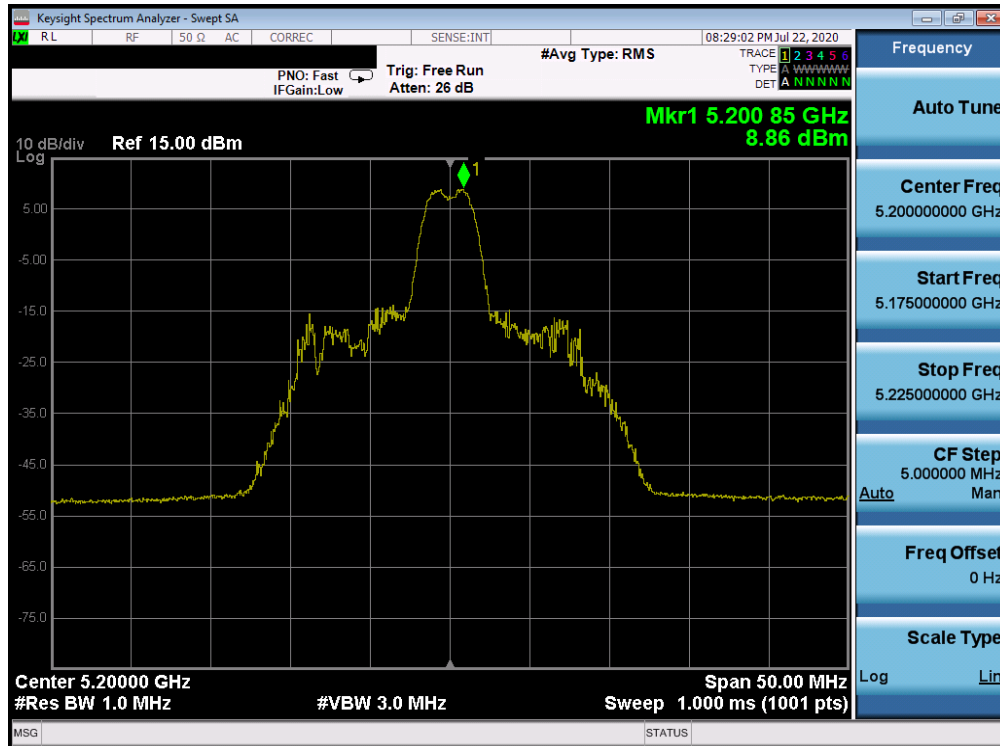


Plot 7-211. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 36)

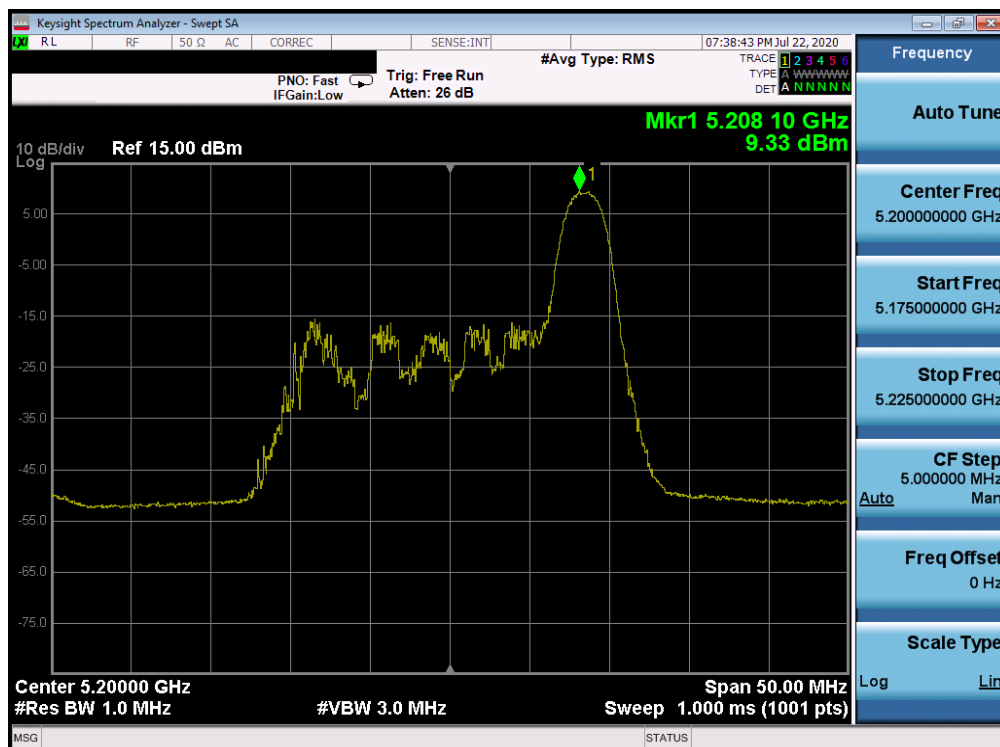


Plot 7-212. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 40)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 165 of 591

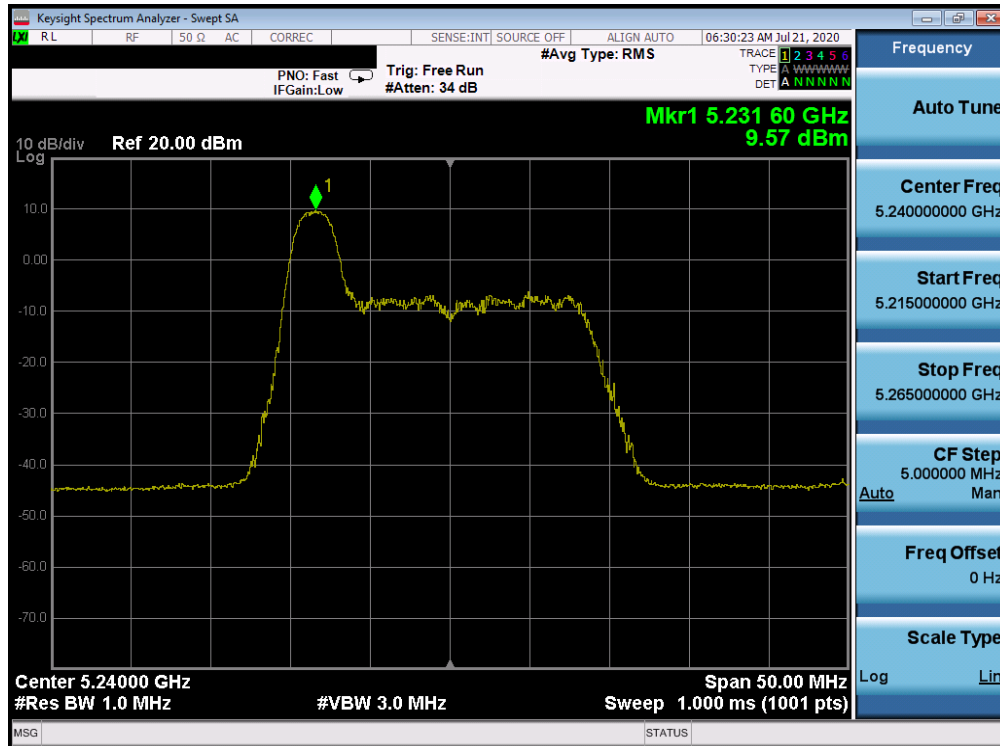


Plot 7-213. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 40)

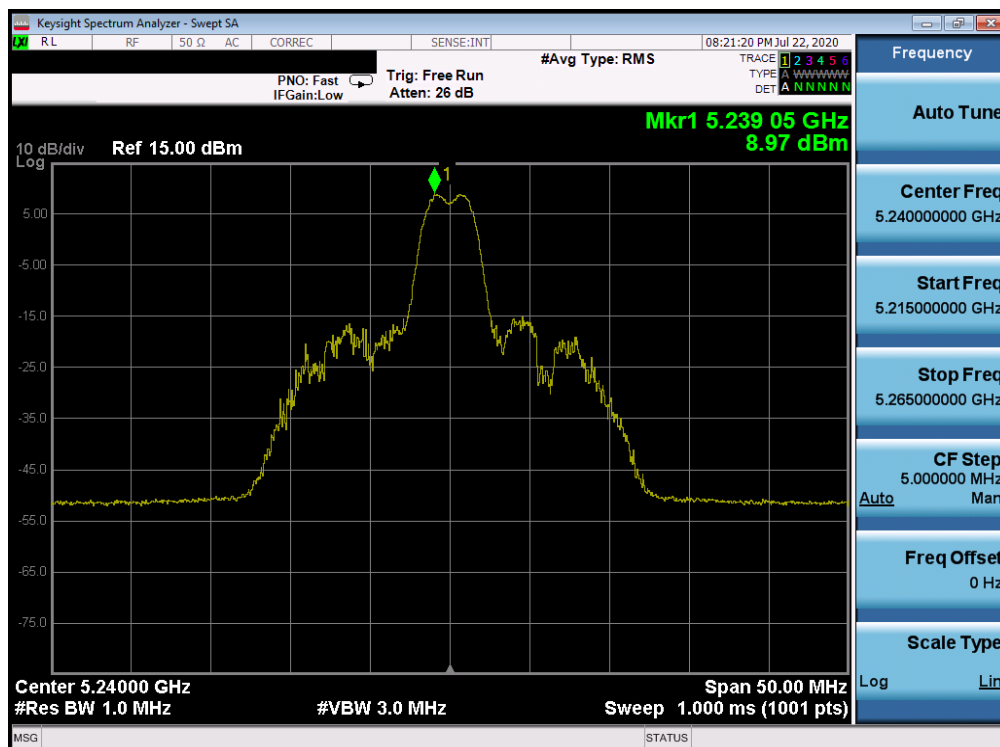


Plot 7-214. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8– RU26 (UNII Band 1) – Ch. 40)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 166 of 591

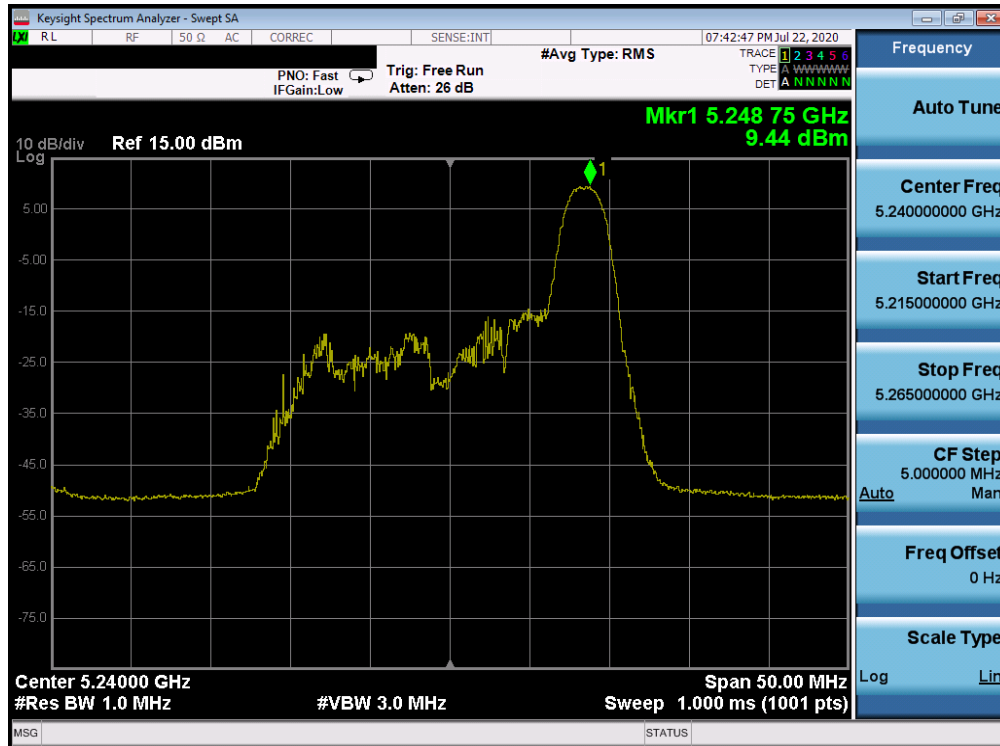


Plot 7-215. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 48)

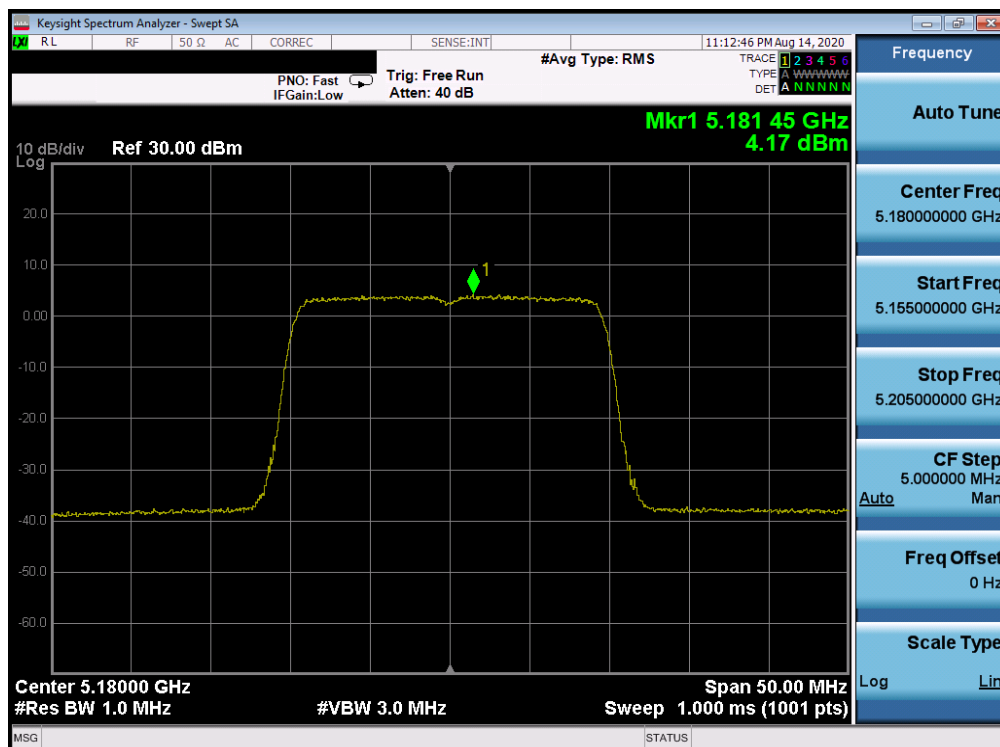


Plot 7-216. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 48)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 167 of 591

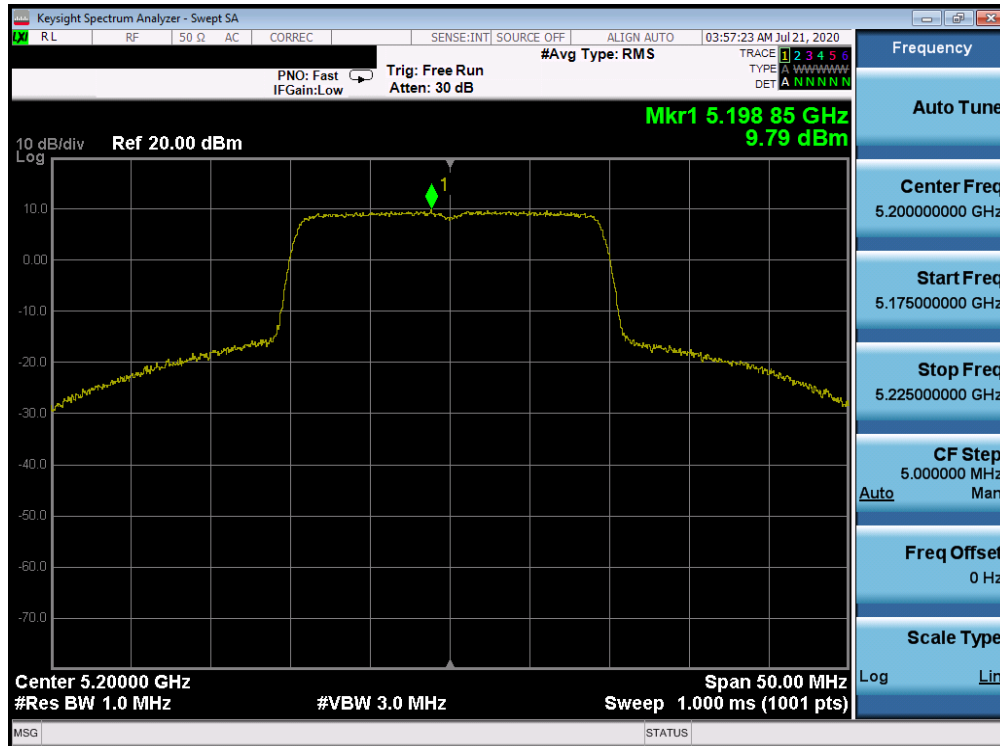


Plot 7-217. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 48)

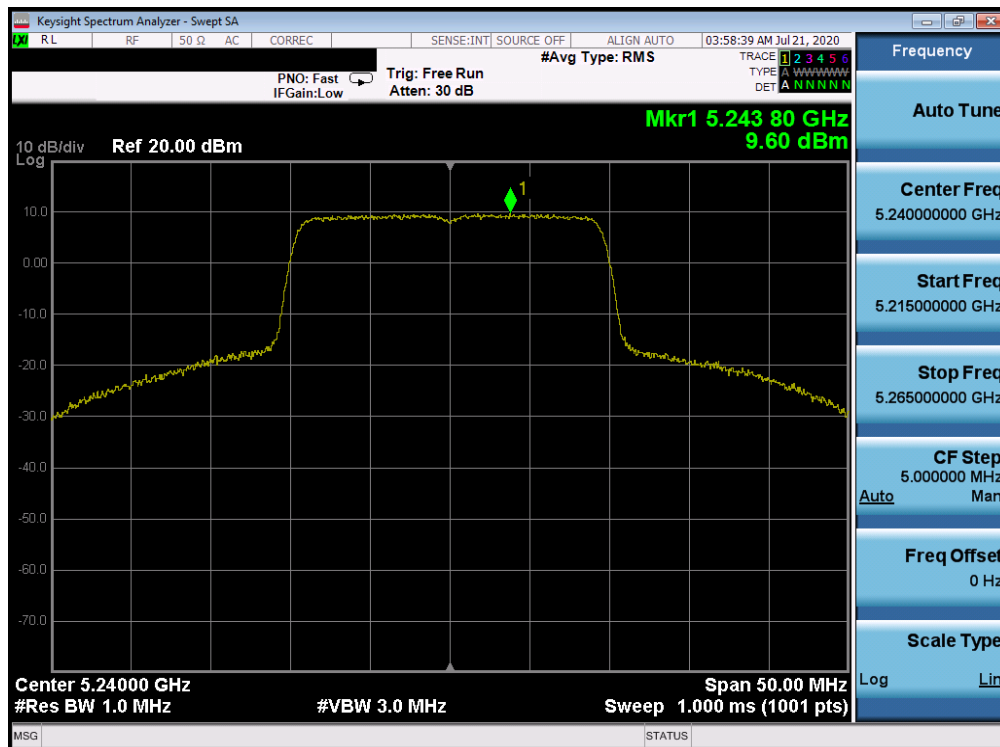


Plot 7-218. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 36)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 168 of 591

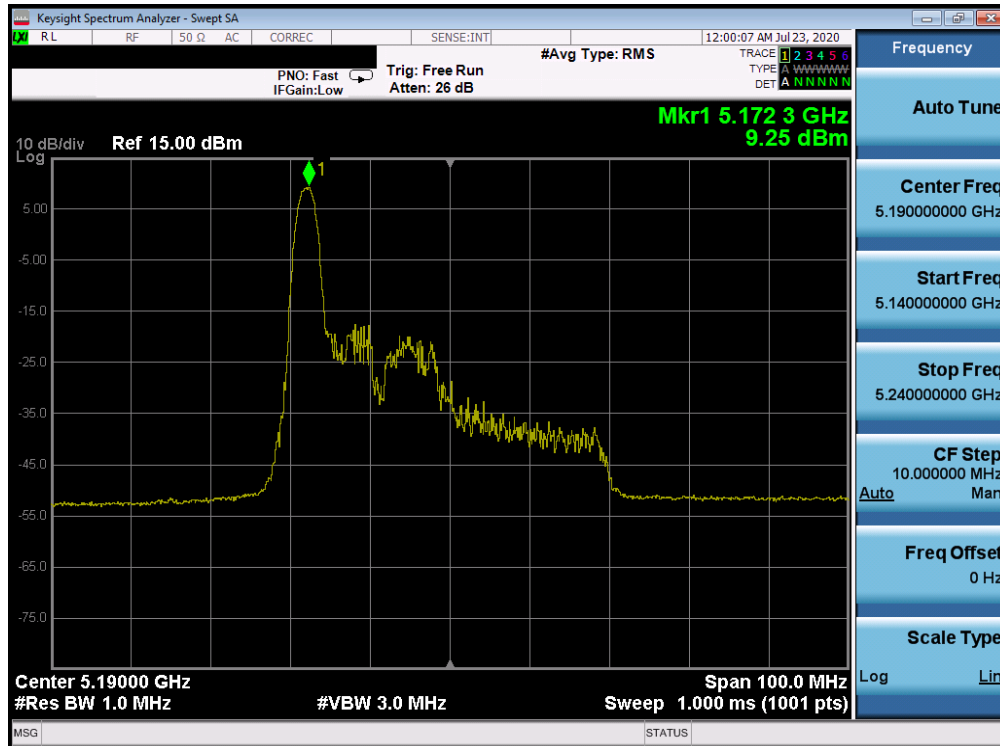


Plot 7-219. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 40)

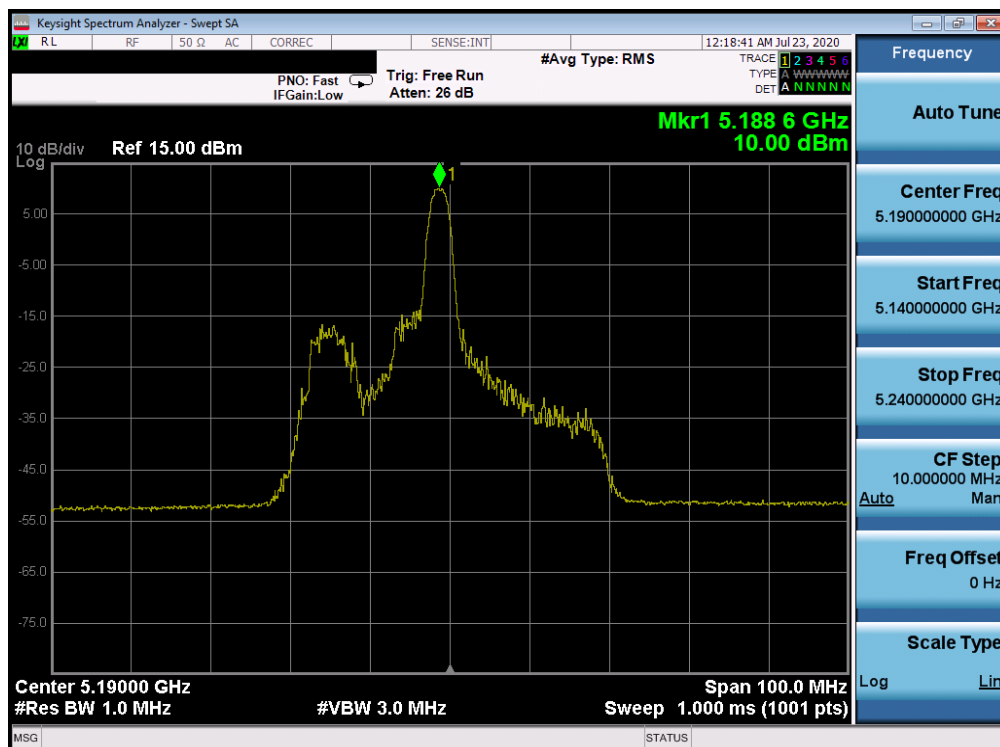


Plot 7-220. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 48)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 169 of 591

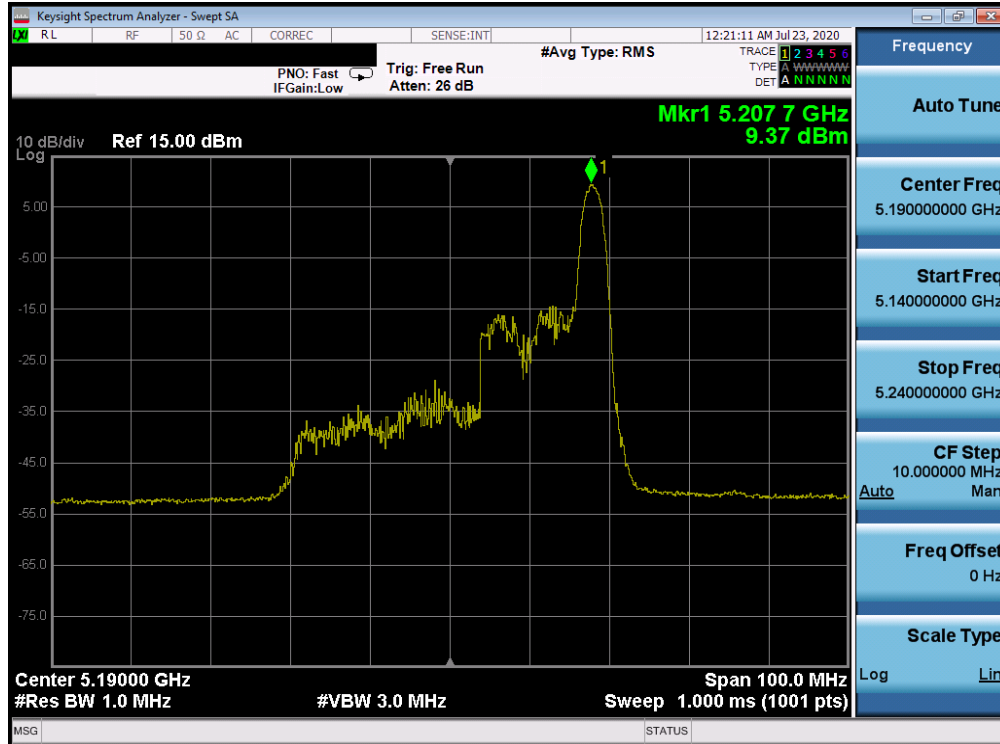


Plot 7-221. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 38)

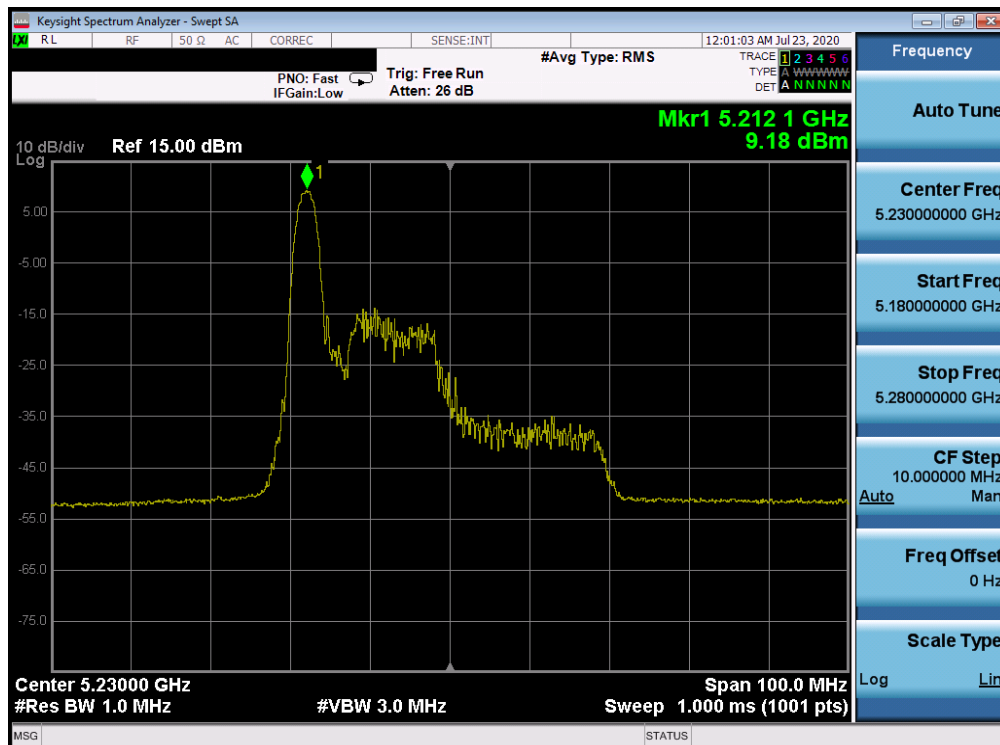


Plot 7-222. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 38)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 170 of 591

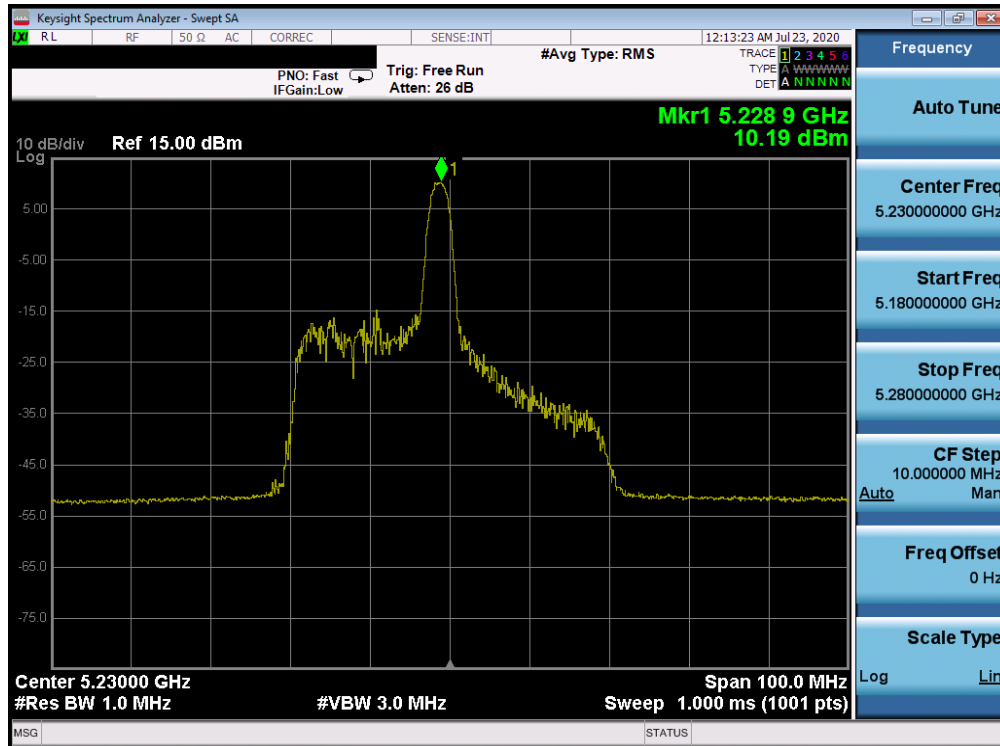


Plot 7-223. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 38)

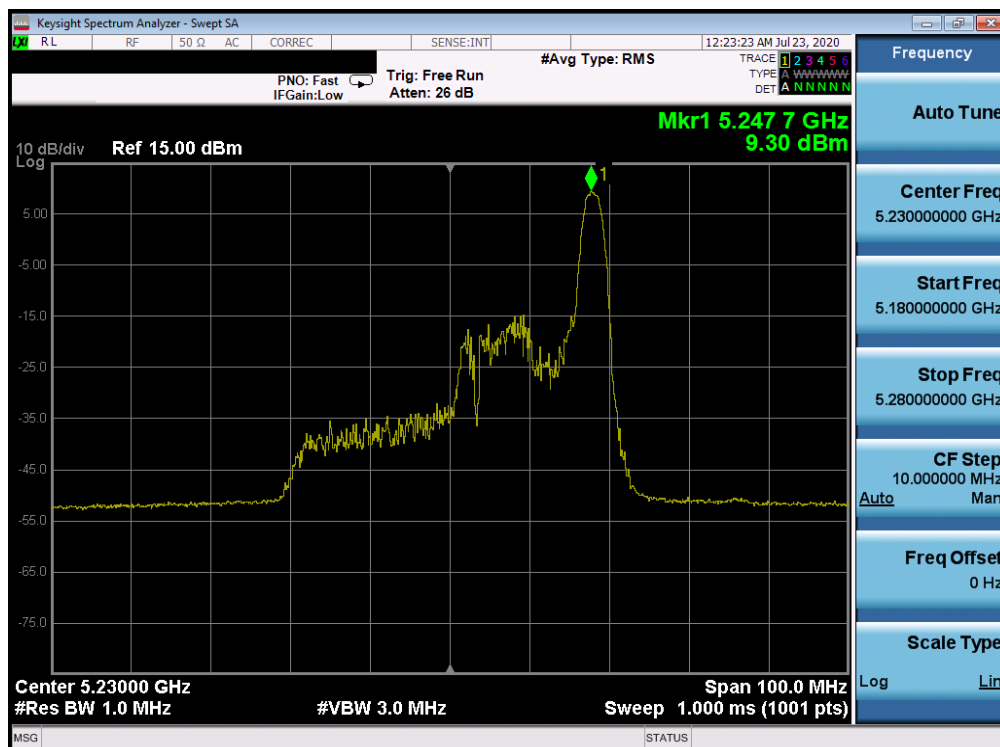


Plot 7-224. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 46)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 171 of 591

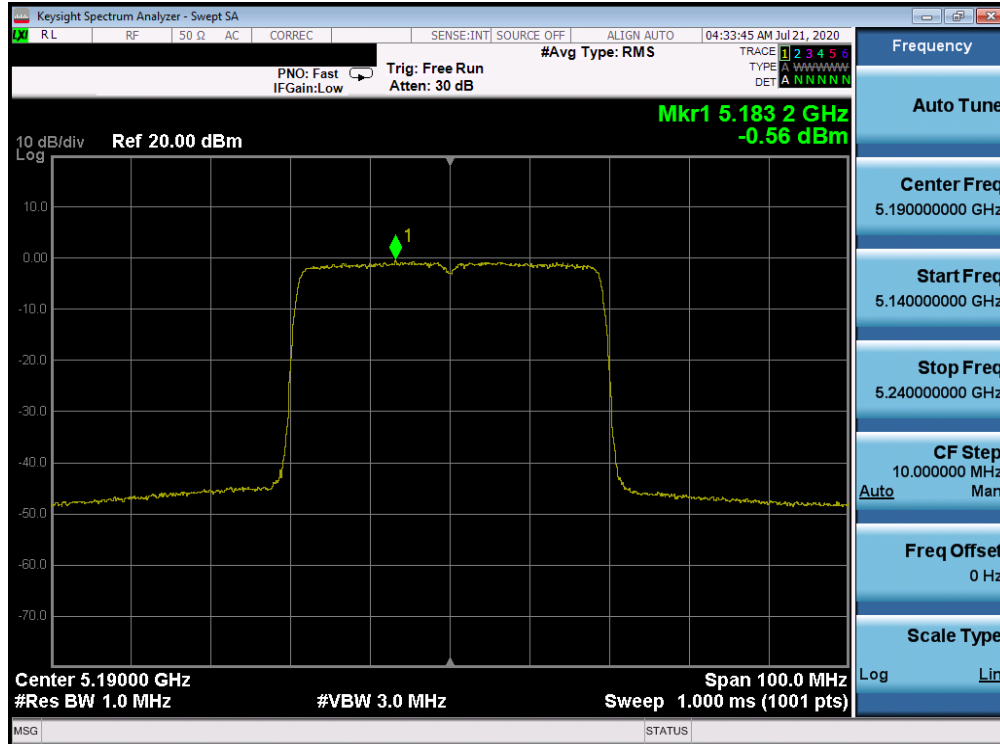


Plot 7-225. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 46)

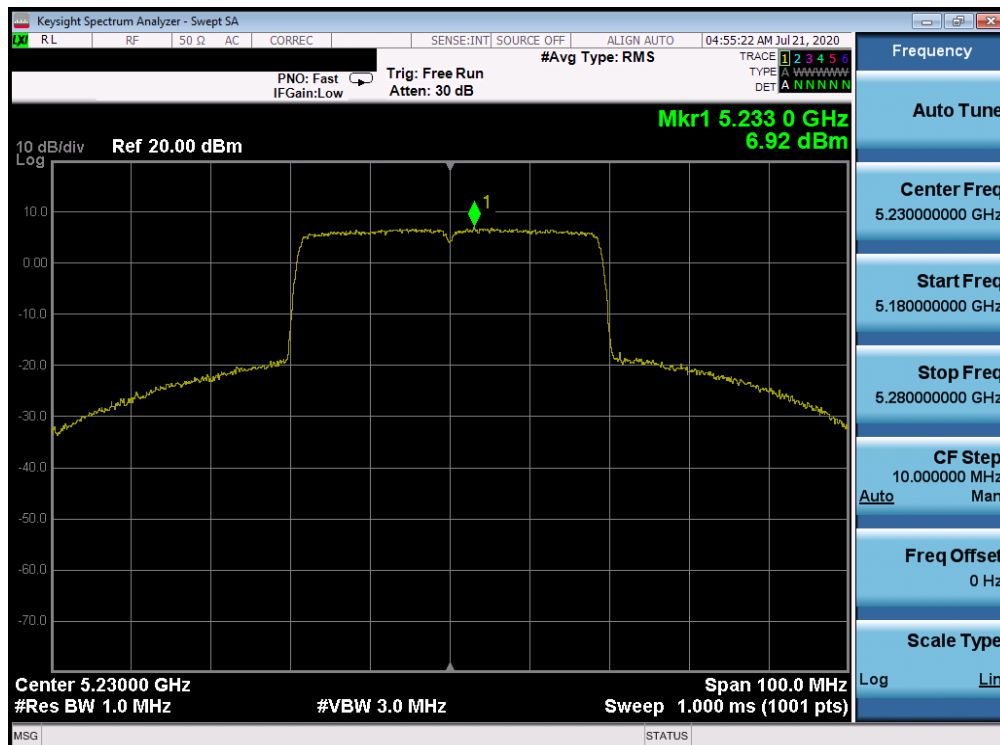


Plot 7-226. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 46)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 172 of 591

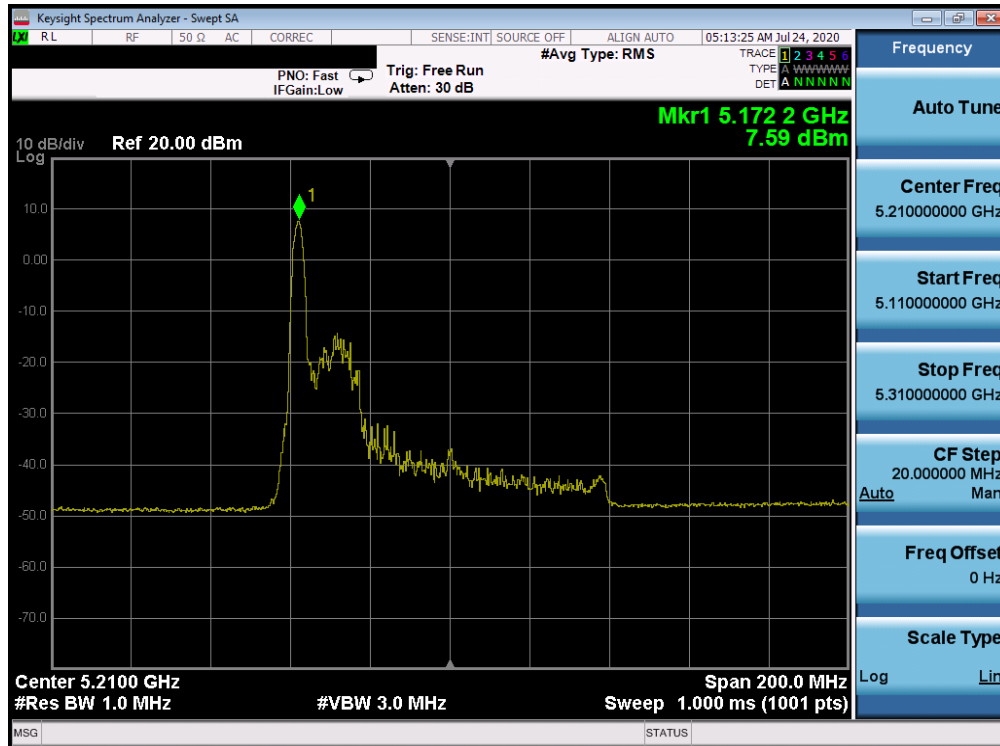


Plot 7-227. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax - RU484 (UNII Band 1) - Ch. 38)

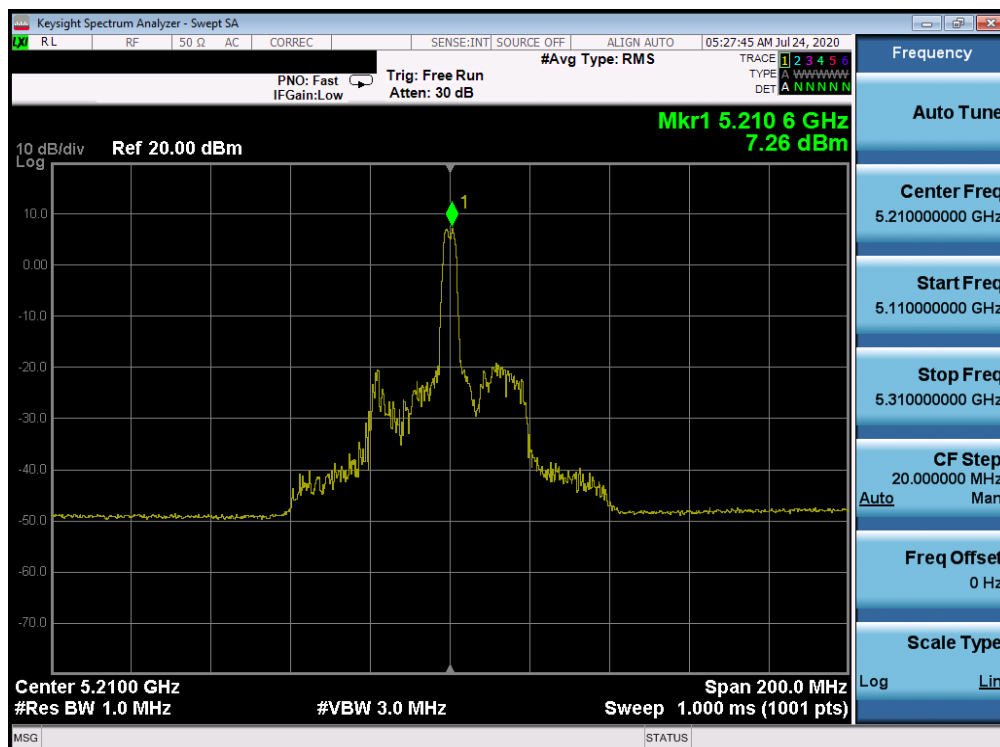


Plot 7-228. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax - RU484 (UNII Band 1) - Ch. 46)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 173 of 591

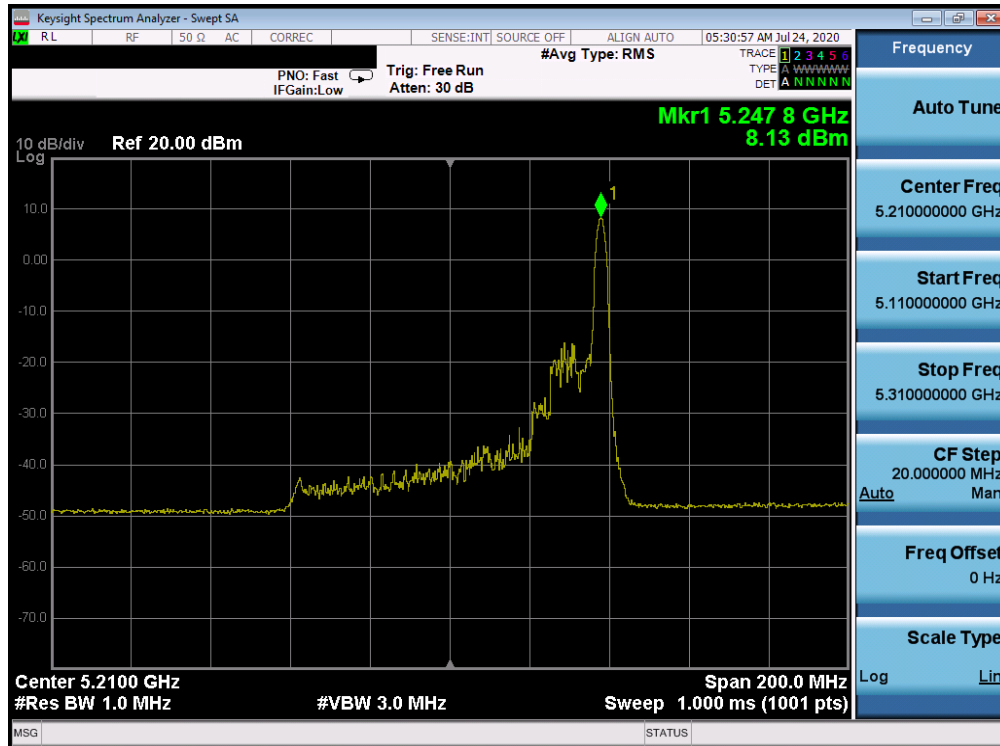


Plot 7-229. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 42)

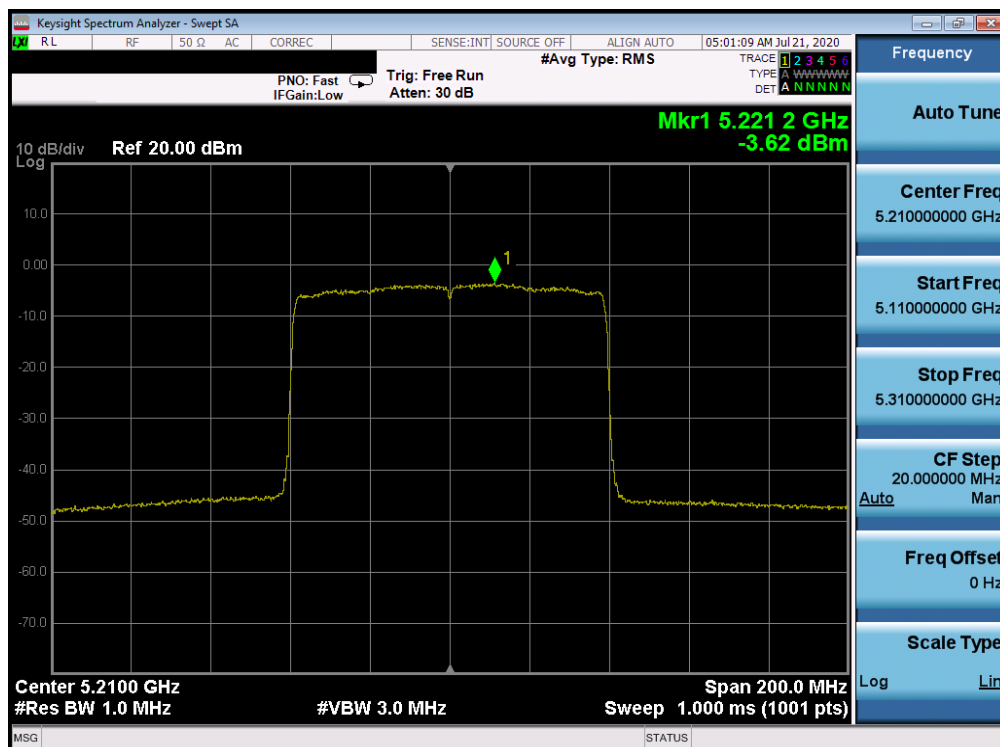


Plot 7-230. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 1) – Ch. 42)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 174 of 591

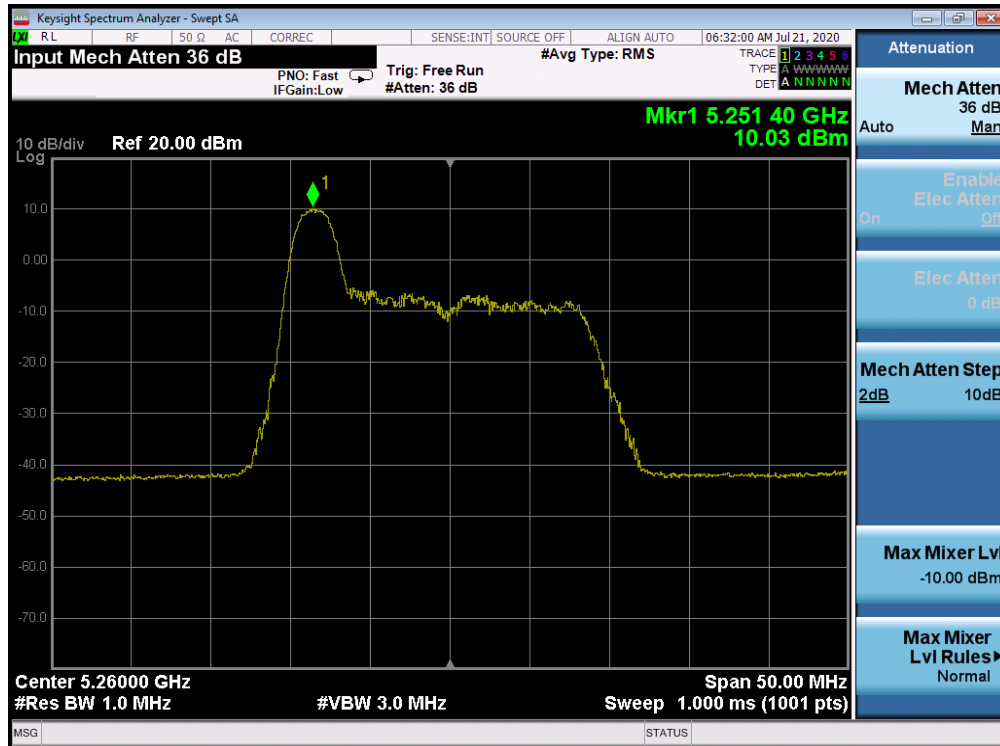


Plot 7-231. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 1) – Ch. 42)

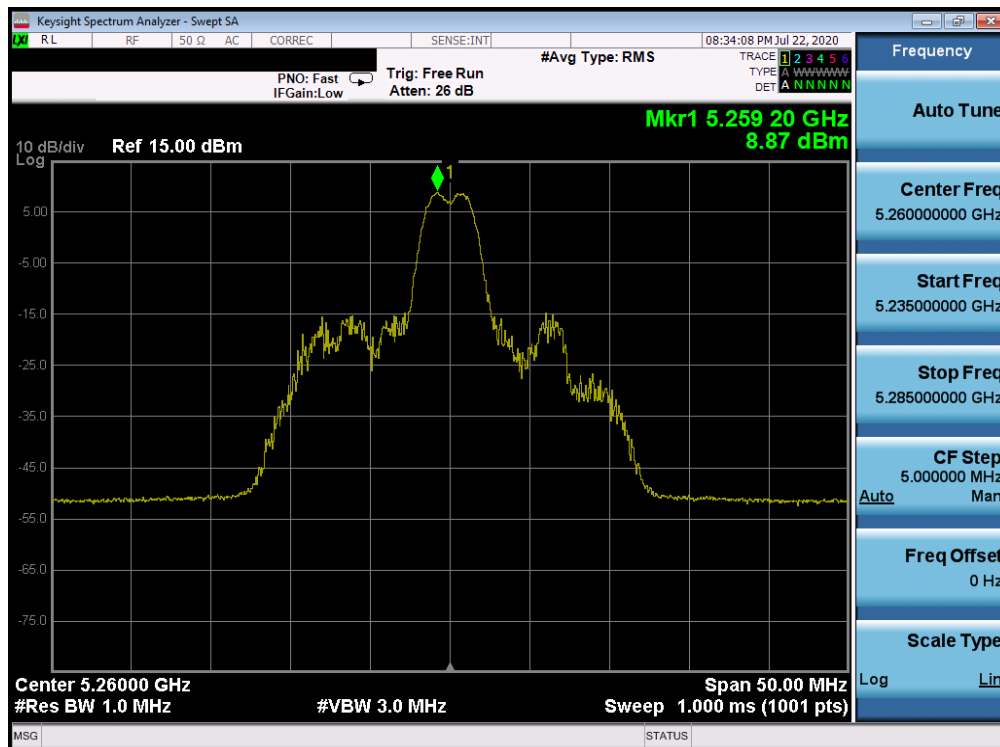


Plot 7-232. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax – RU996 (UNII Band 1) – Ch. 42)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 175 of 591

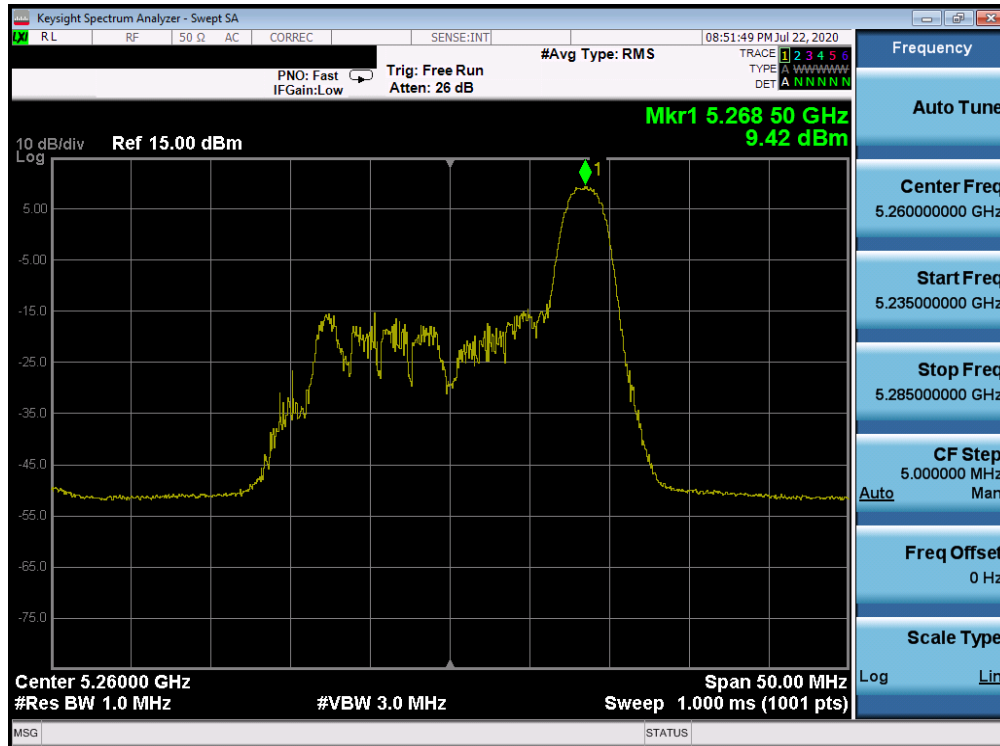


Plot 7-233. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 52)

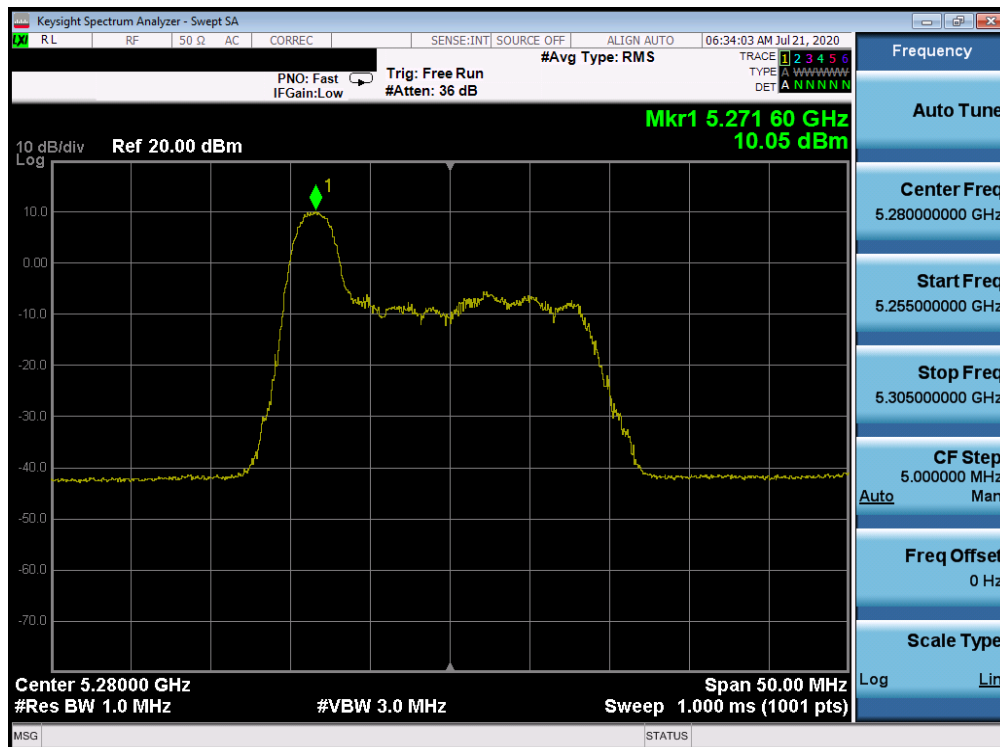


Plot 7-234. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 52)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 176 of 591

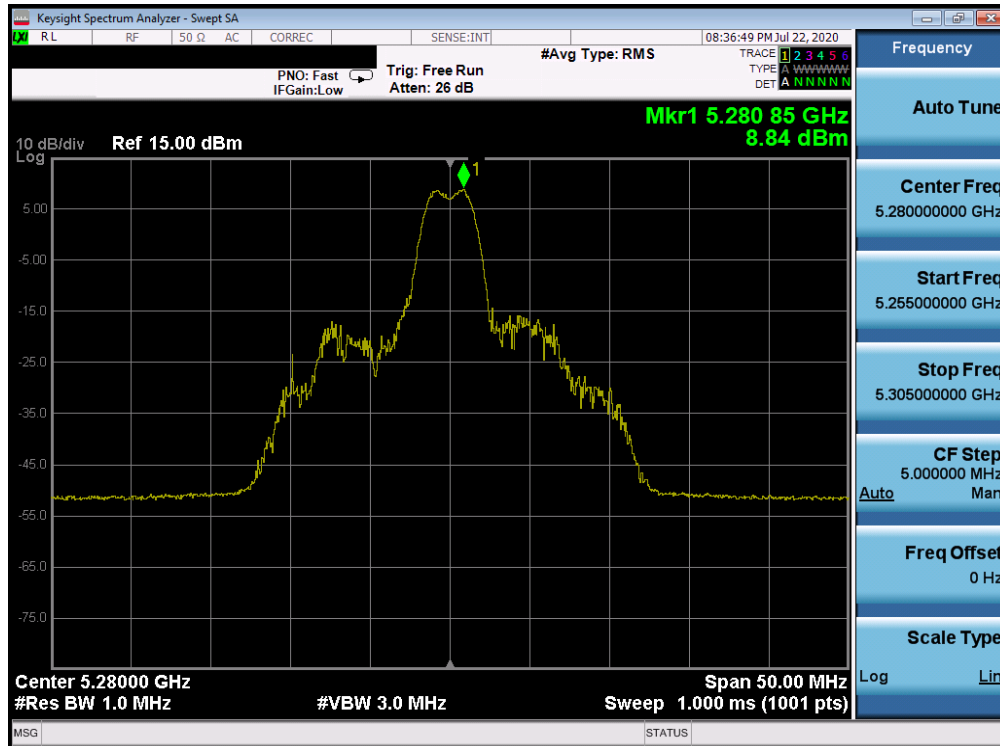


Plot 7-235. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 52)

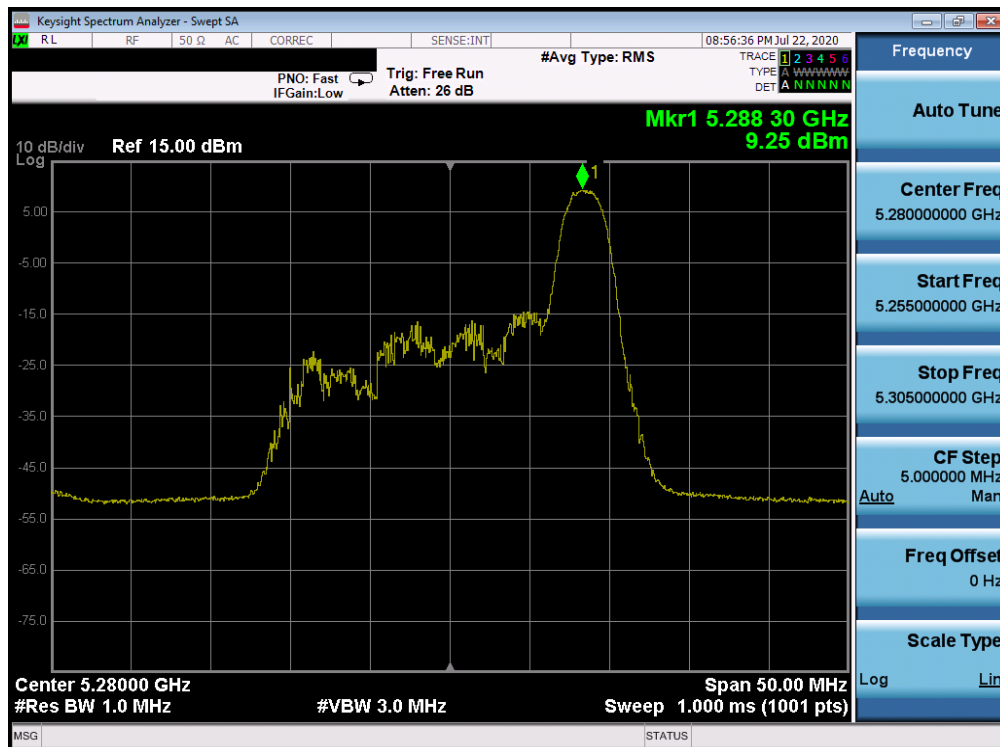


Plot 7-236. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 56)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 177 of 591

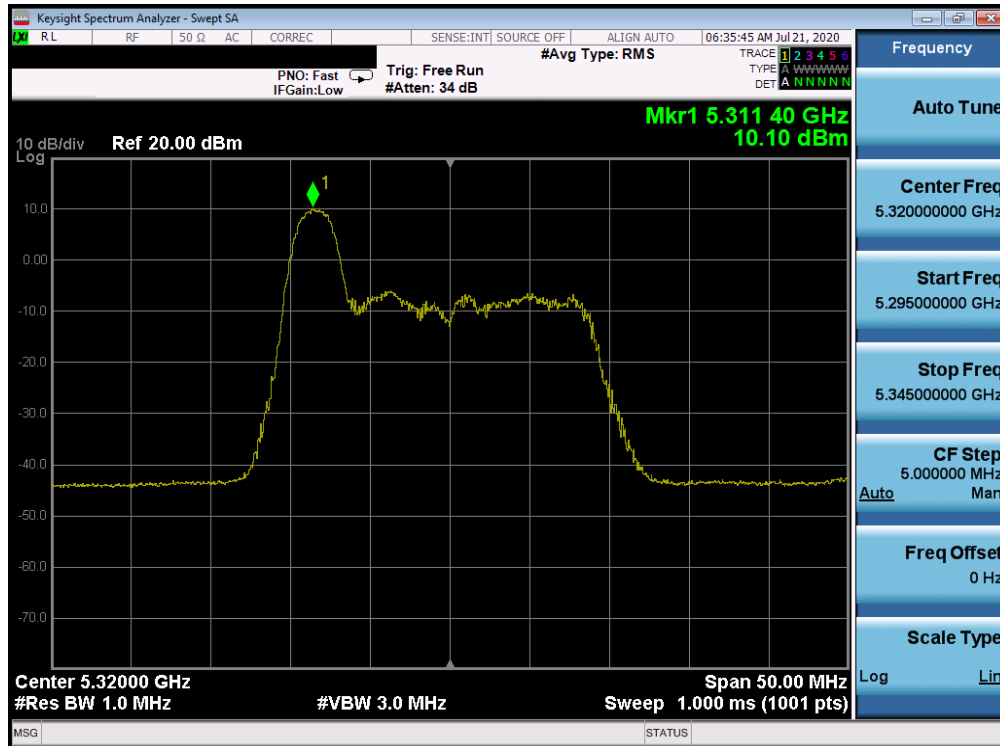


Plot 7-237. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 56)

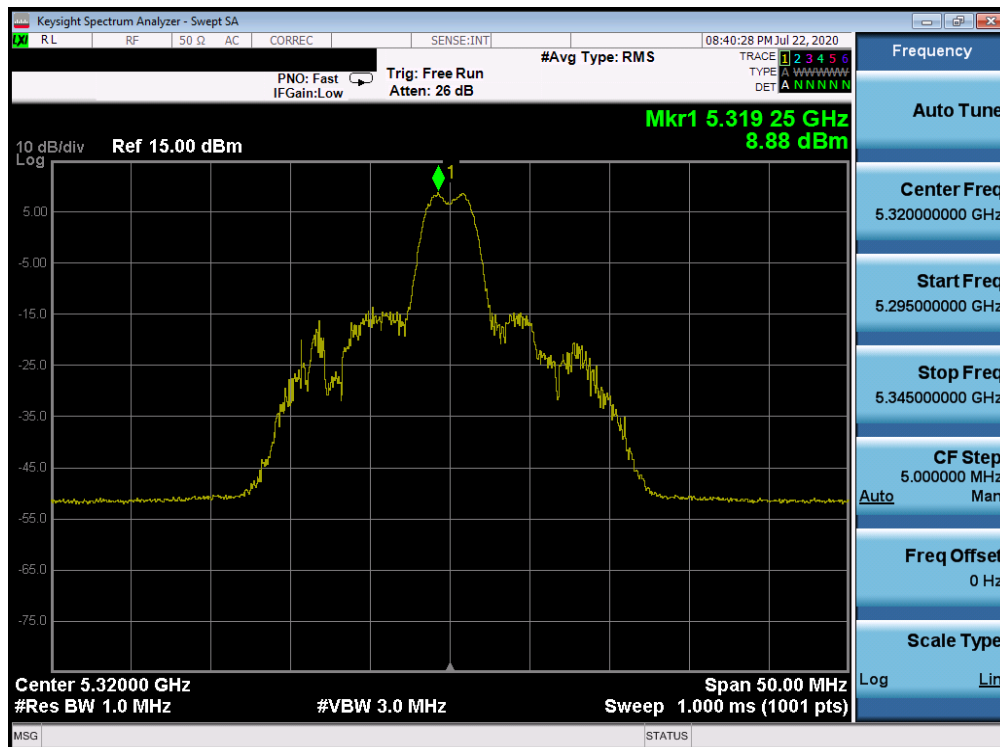


Plot 7-238. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8– RU26 (UNII Band 2A) – Ch. 56)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 178 of 591

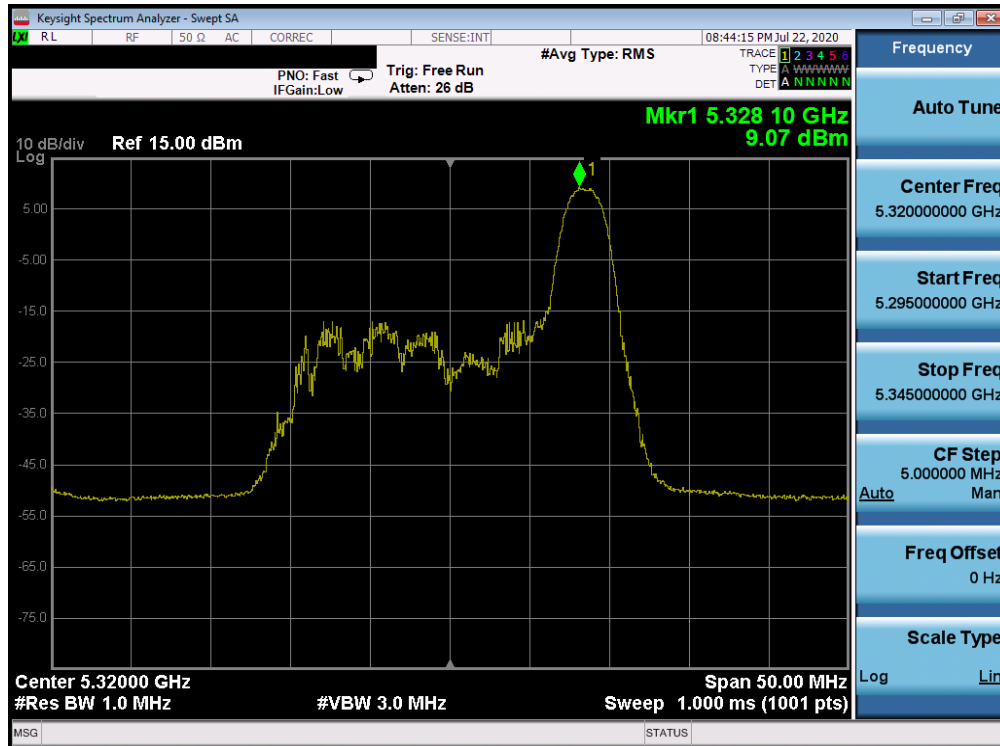


Plot 7-239. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 64)

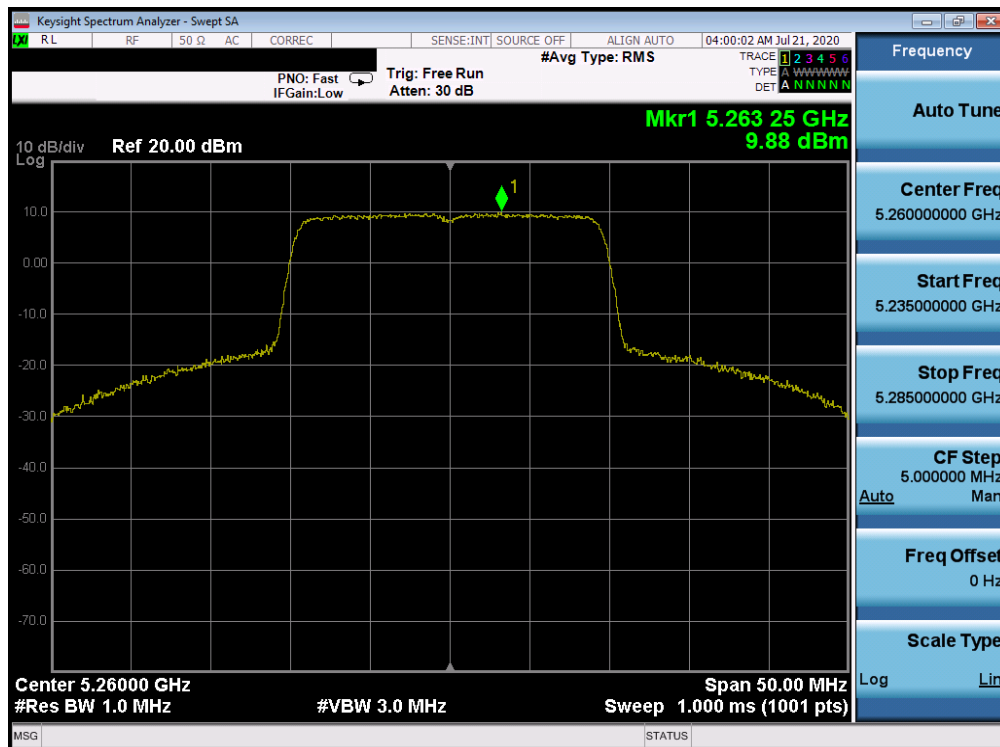


Plot 7-240. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 64)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 179 of 591

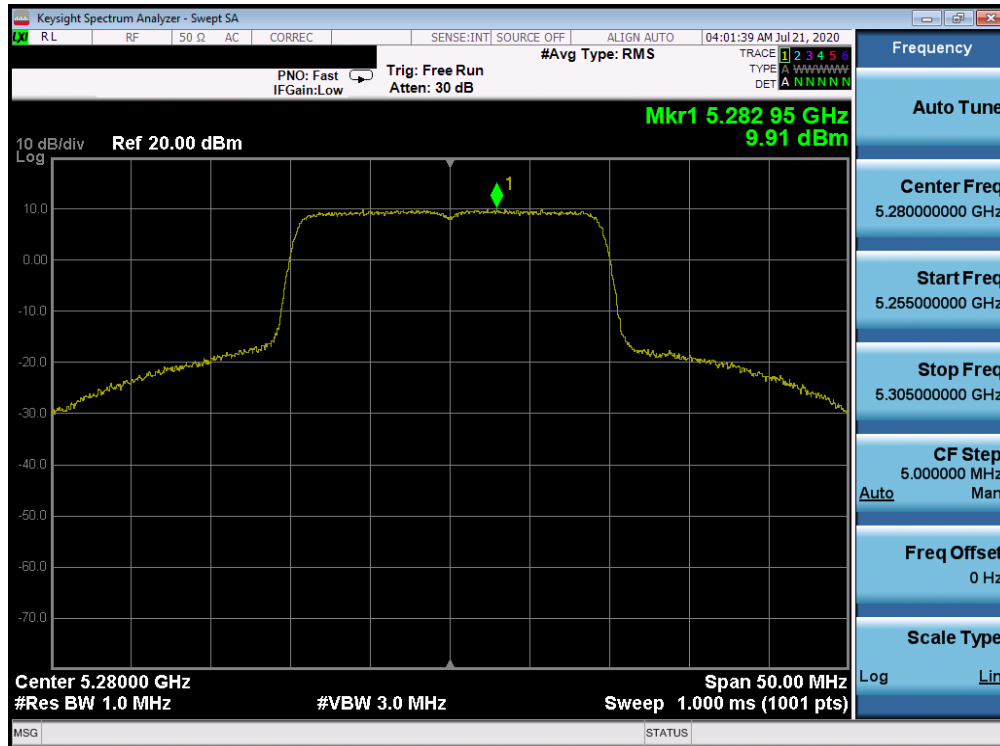


Plot 7-241. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 64)

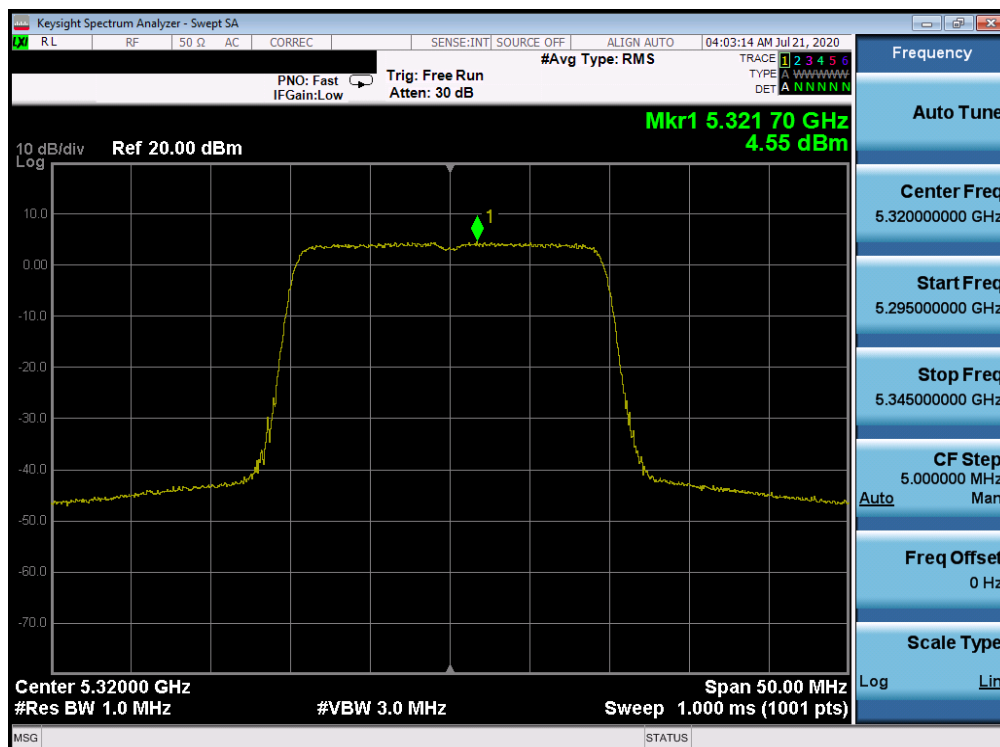


Plot 7-242. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax– RU242 (UNII Band 2A) – Ch. 52)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 180 of 591

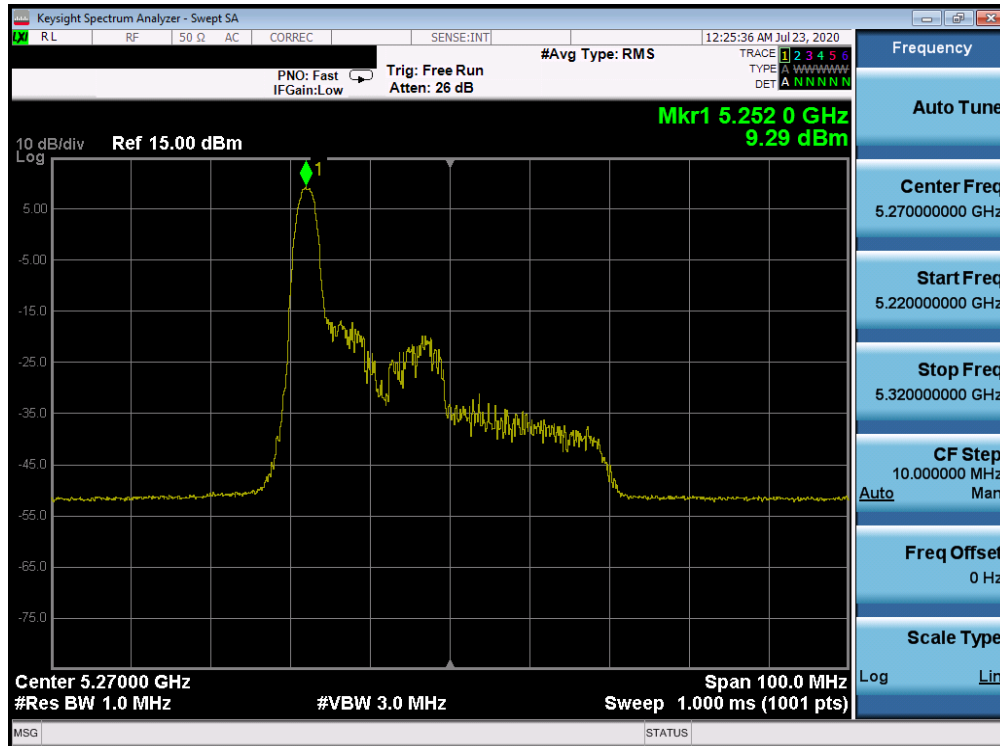


Plot 7-243. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 2A) - Ch. 56)

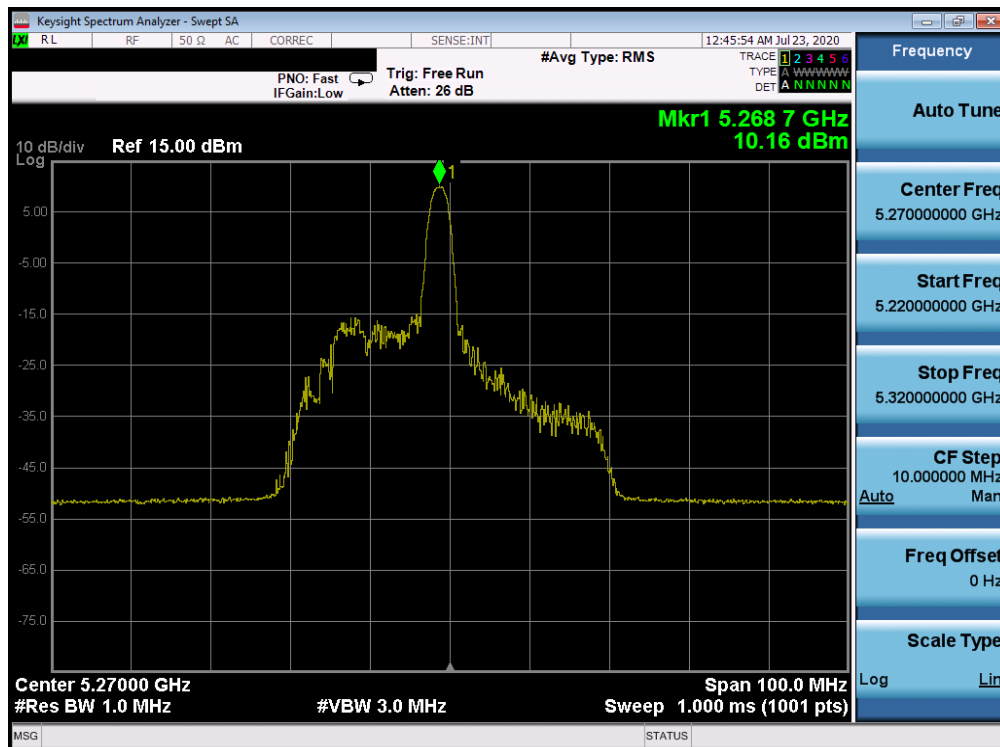


Plot 7-244. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 2A) - Ch. 64)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 181 of 591

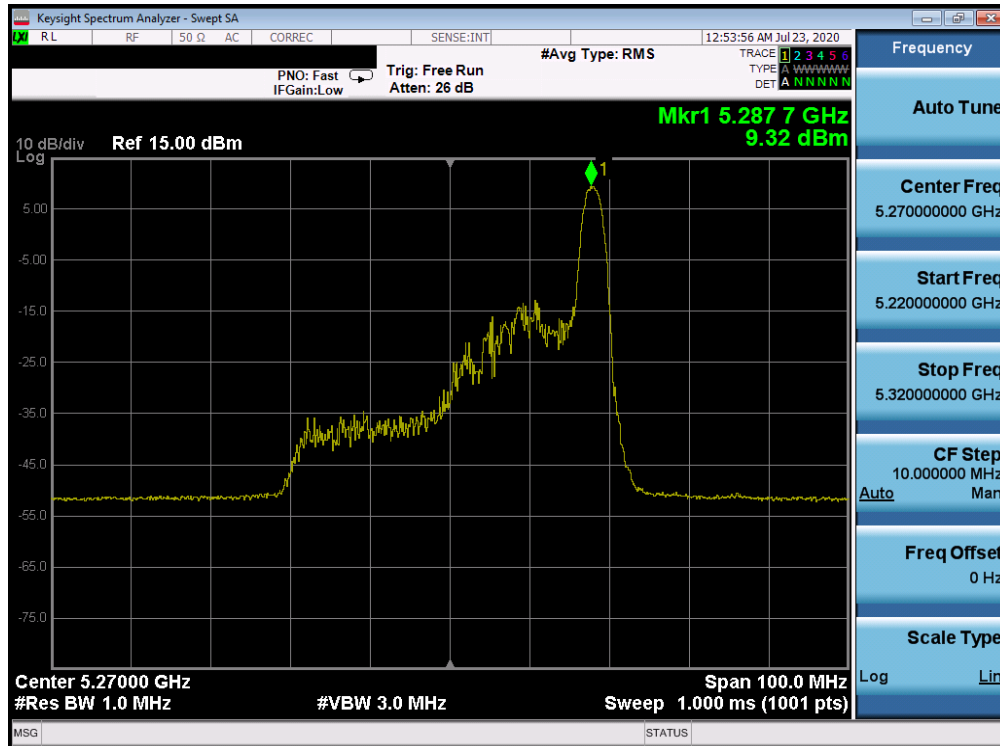


Plot 7-245. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 54)

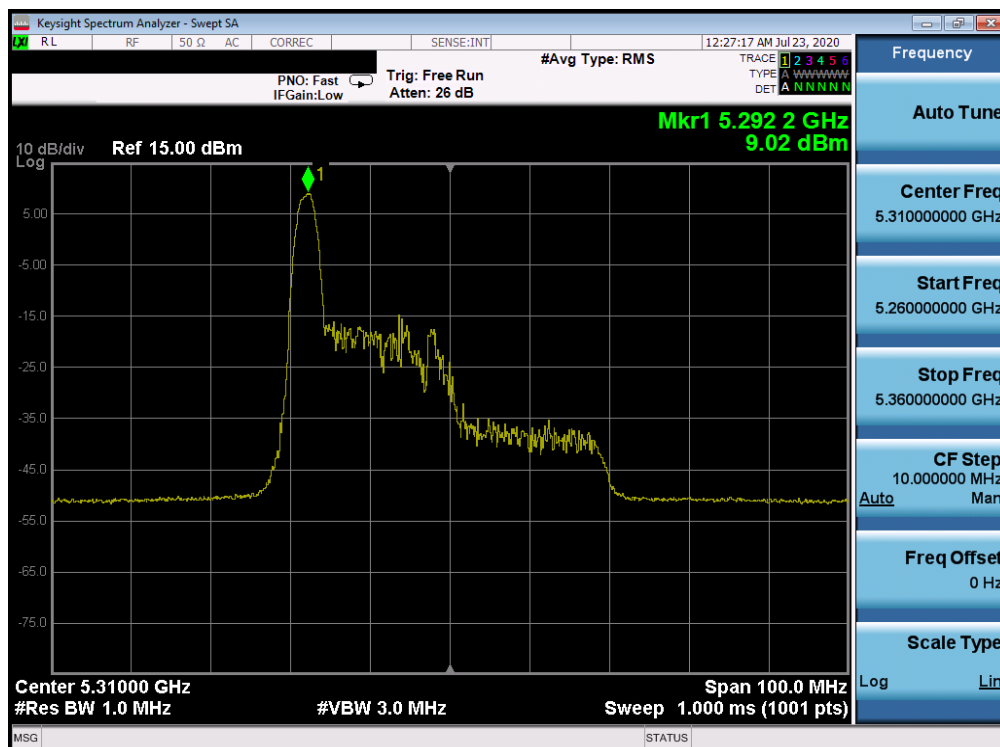


Plot 7-246. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 54)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 182 of 591

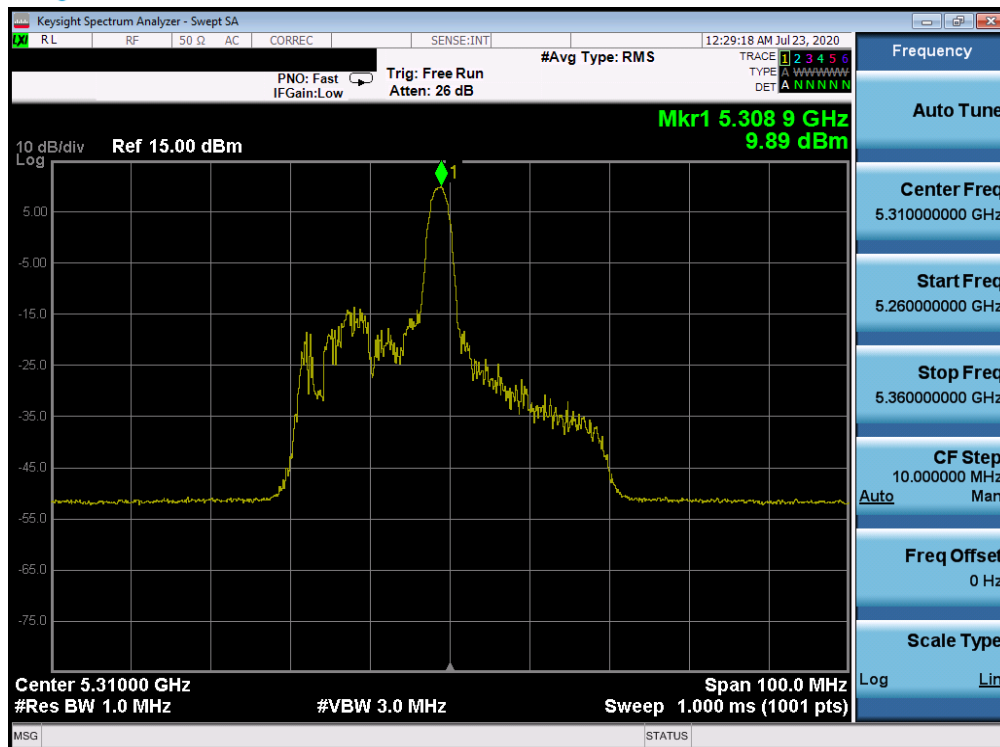


Plot 7-247. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 54)

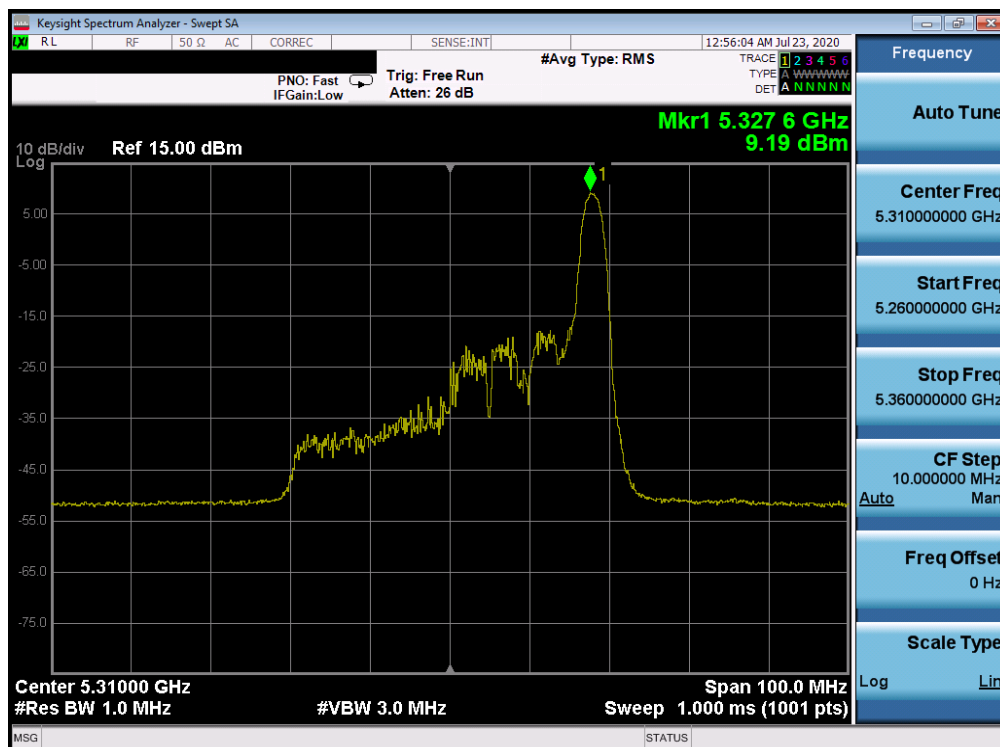


Plot 7-248. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 62)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 183 of 591

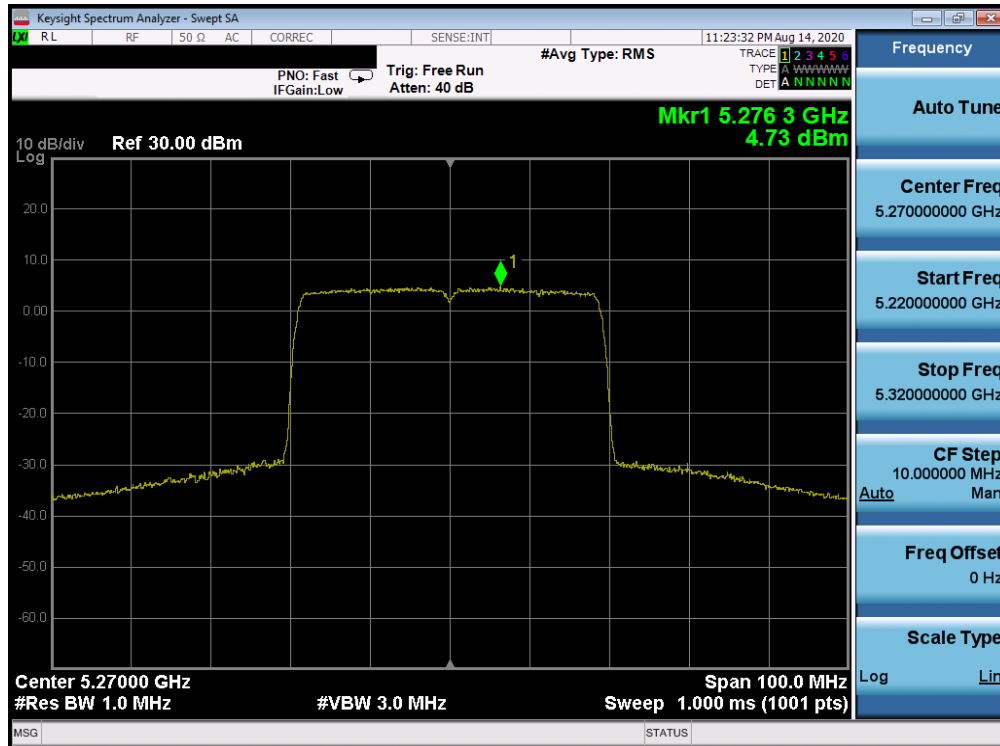


Plot 7-249. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 62)

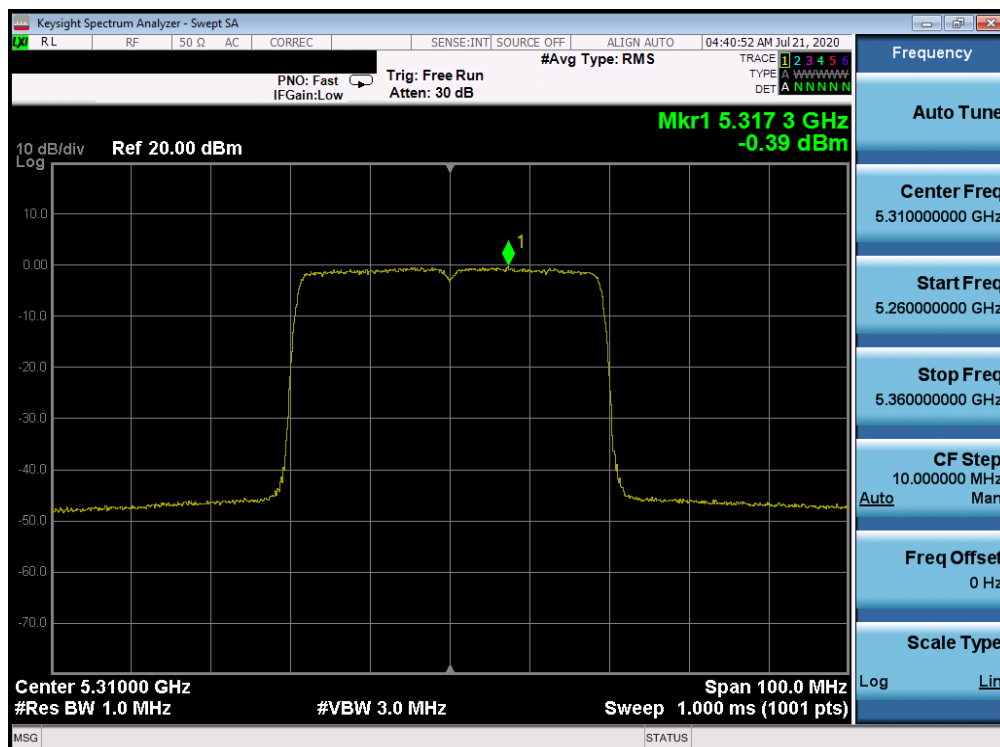


Plot 7-250. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 62)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 184 of 591

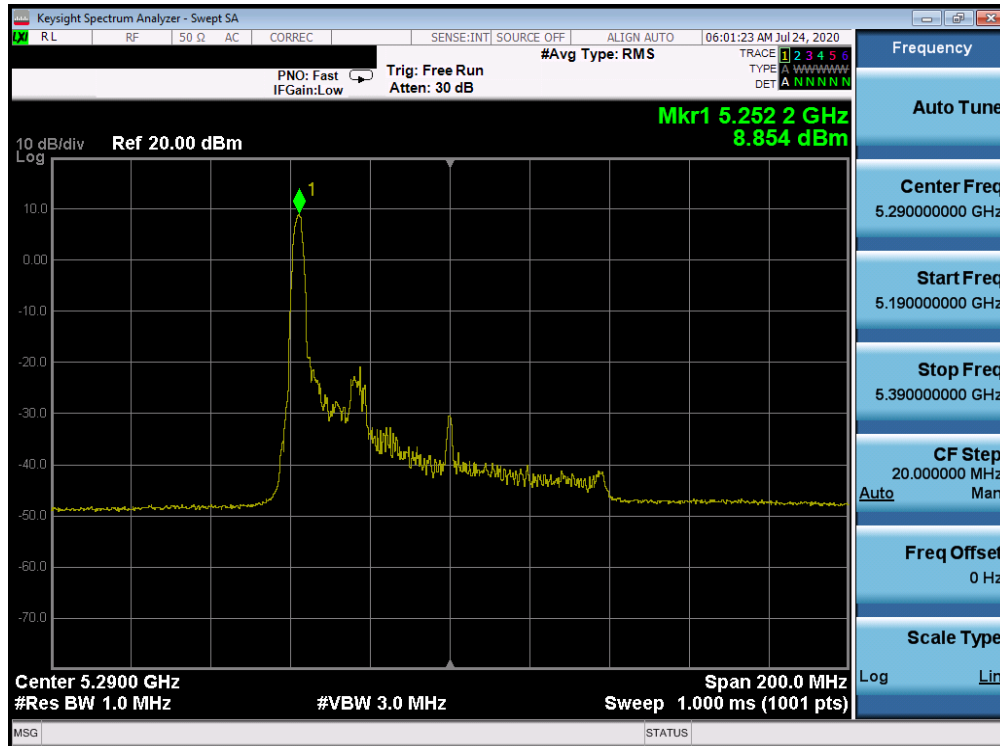


Plot 7-251. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 2A) – Ch. 54)

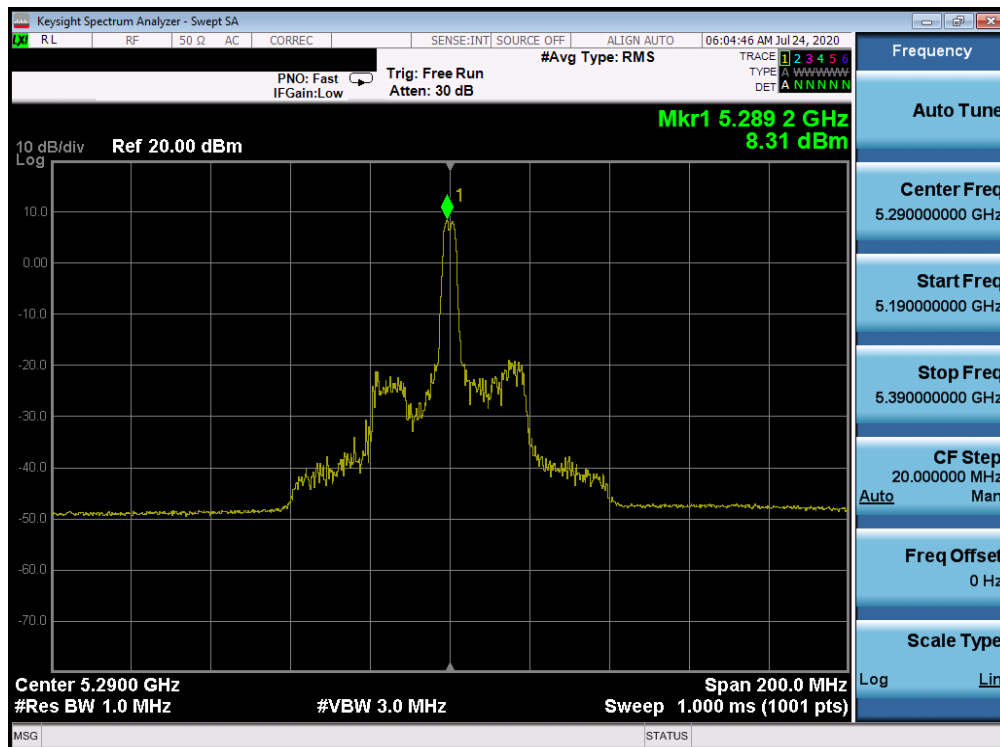


Plot 7-252. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 2A) – Ch. 62)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 185 of 591

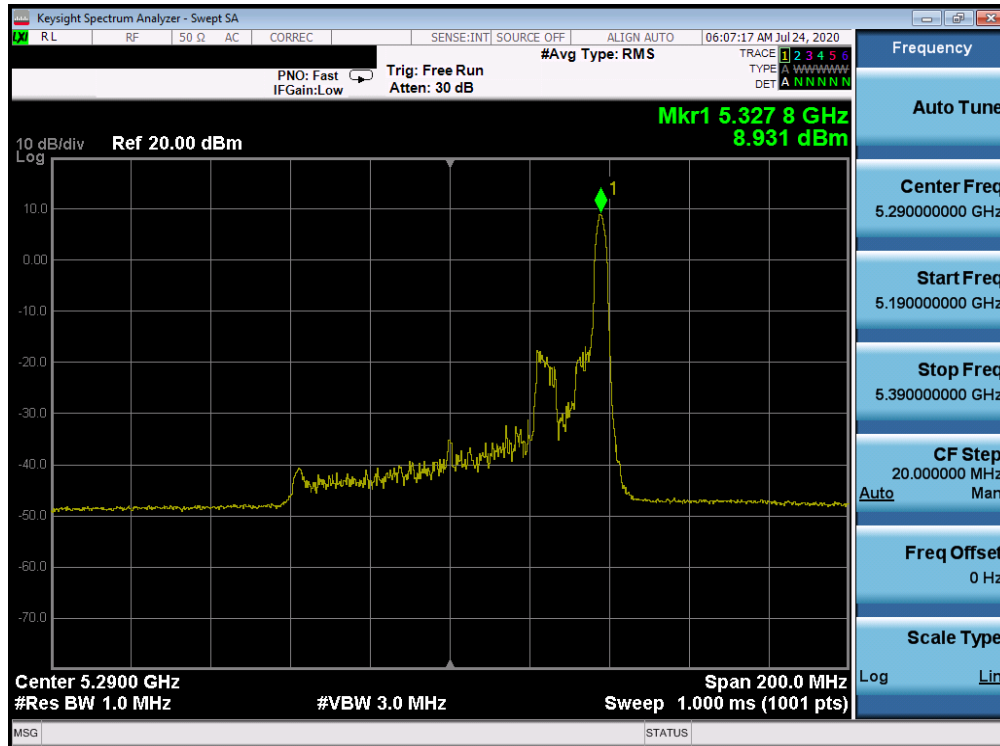


Plot 7-253. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 58)

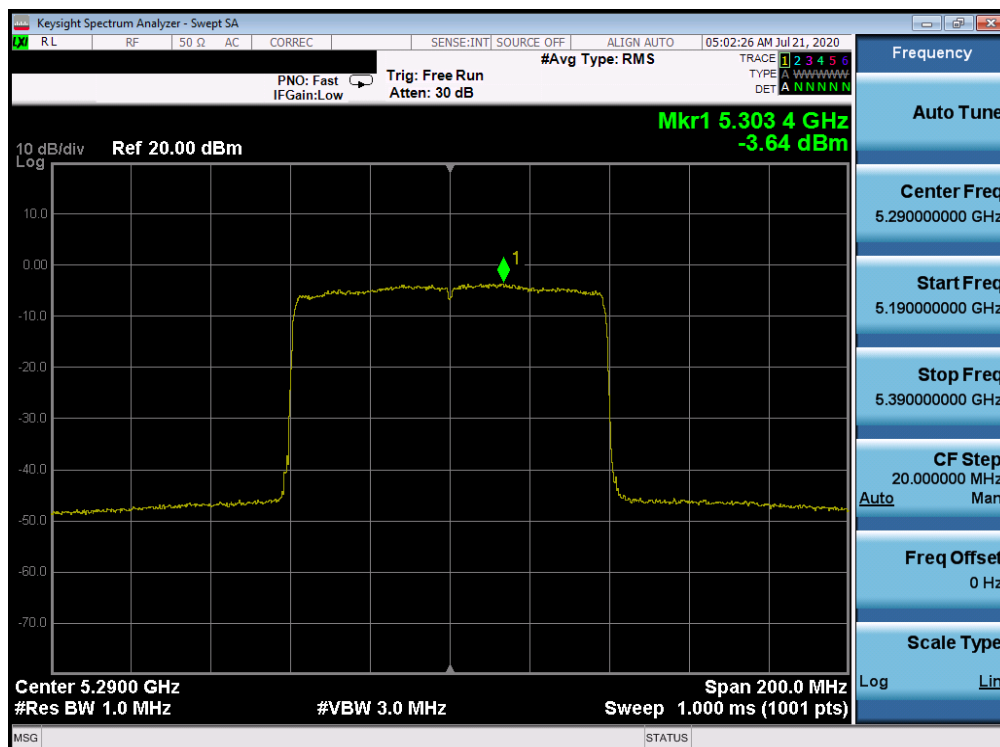


Plot 7-254. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2A) – Ch. 58)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 186 of 591

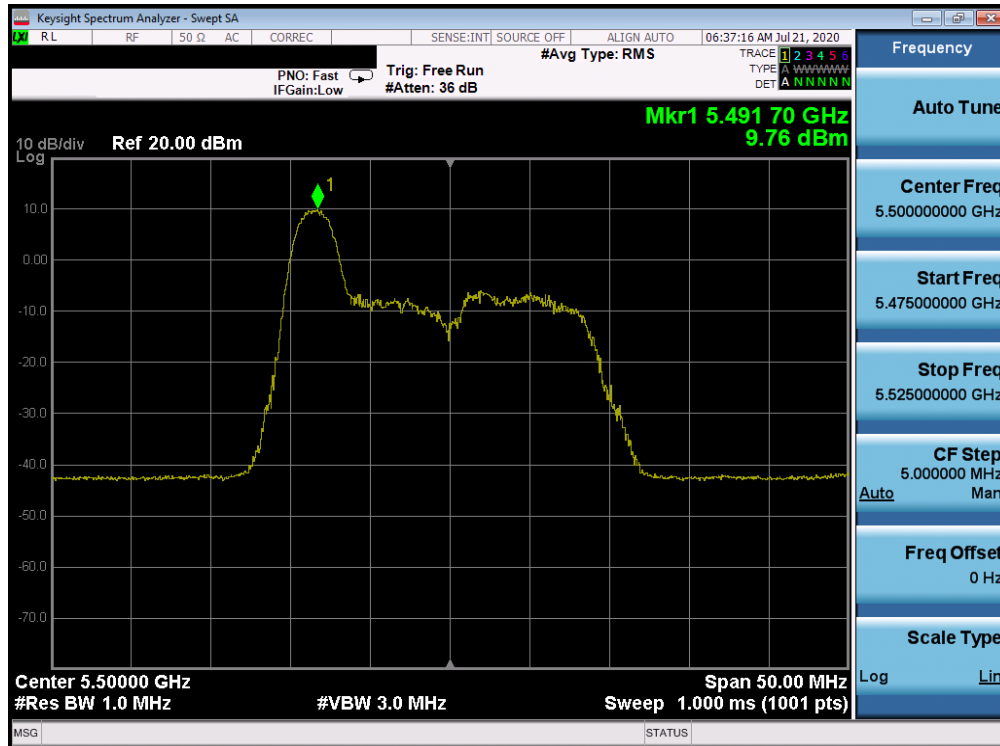


Plot 7-255. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2A) – Ch. 58)

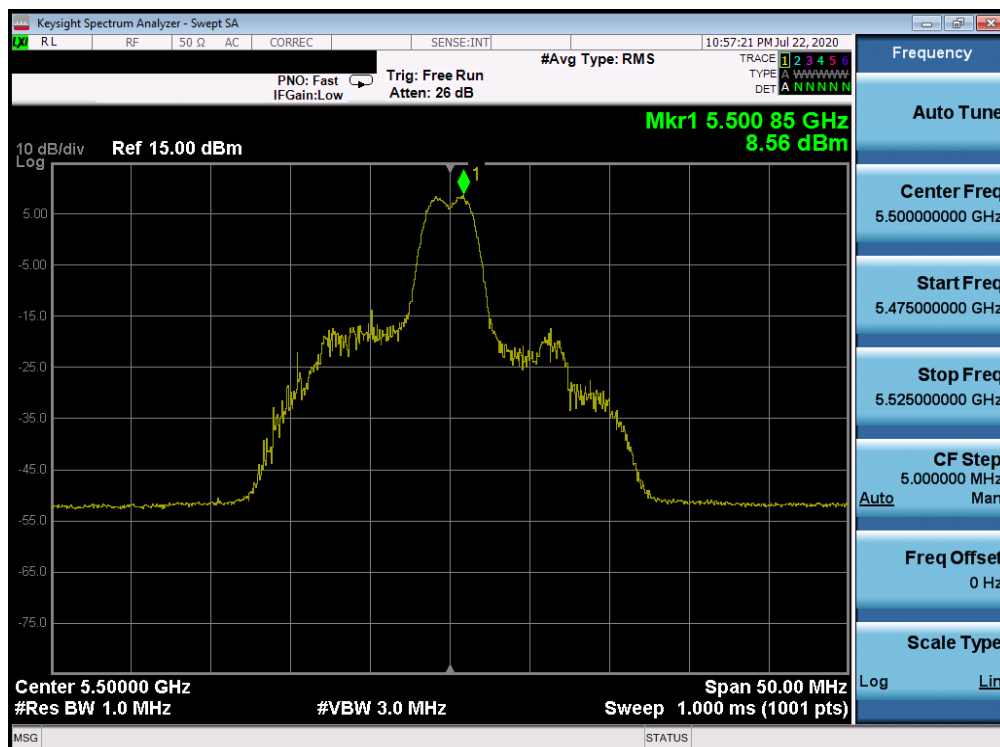


Plot 7-256. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax – RU996 (UNII Band 2A) – Ch. 58)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 187 of 591

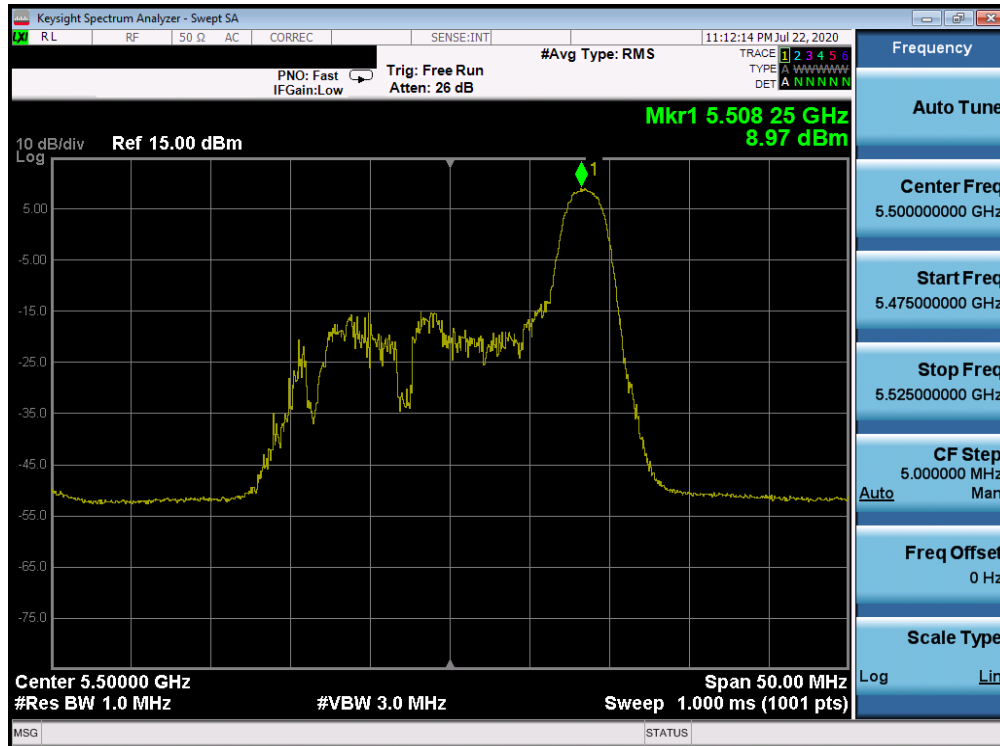


Plot 7-257. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 100)

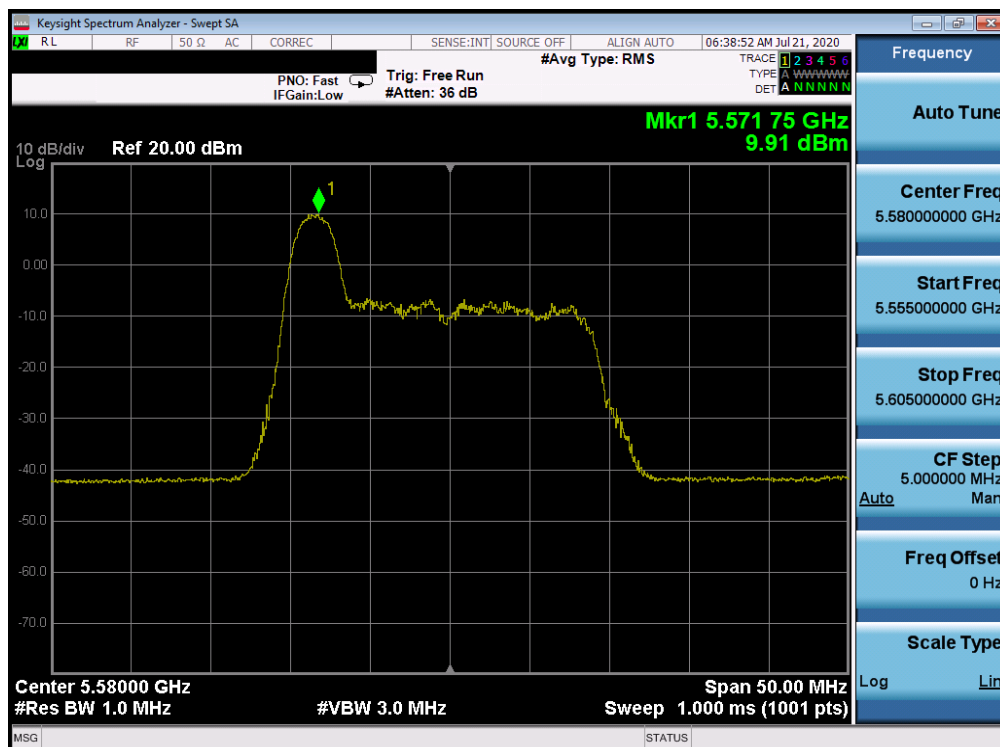


Plot 7-258. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 100)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 188 of 591

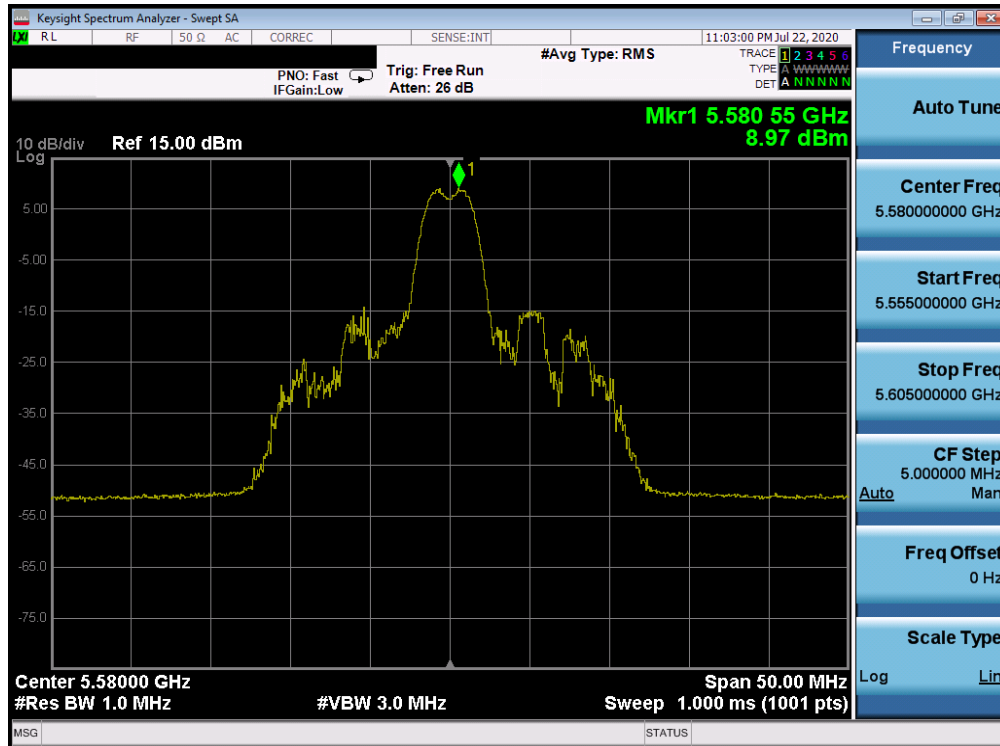


Plot 7-259. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 100)

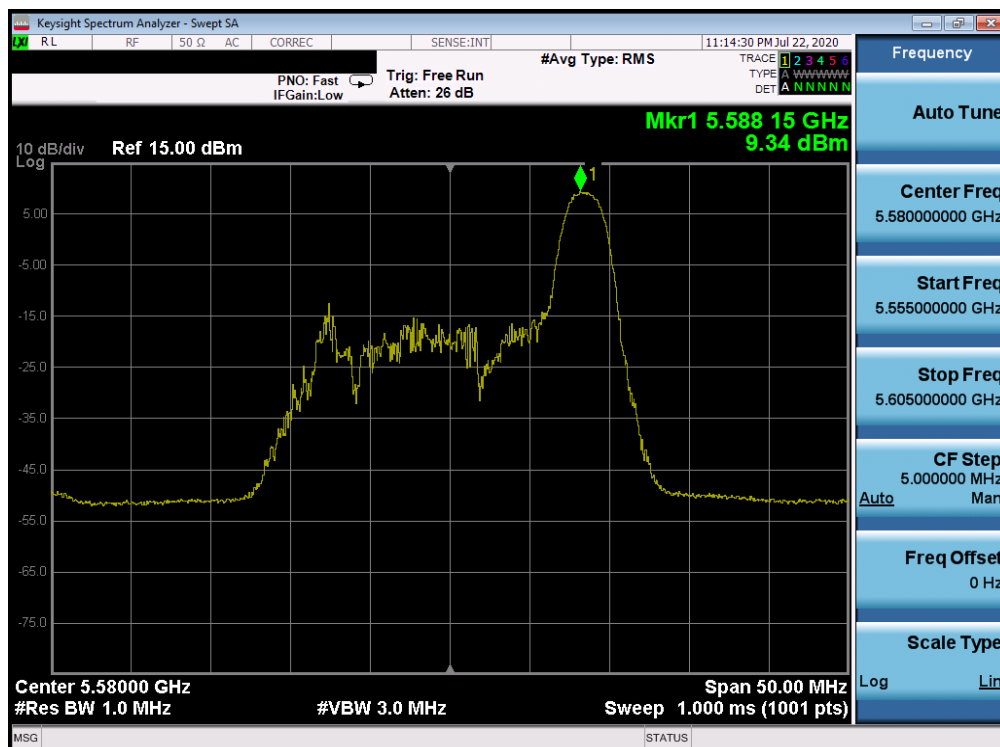


Plot 7-260. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 116)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 189 of 591

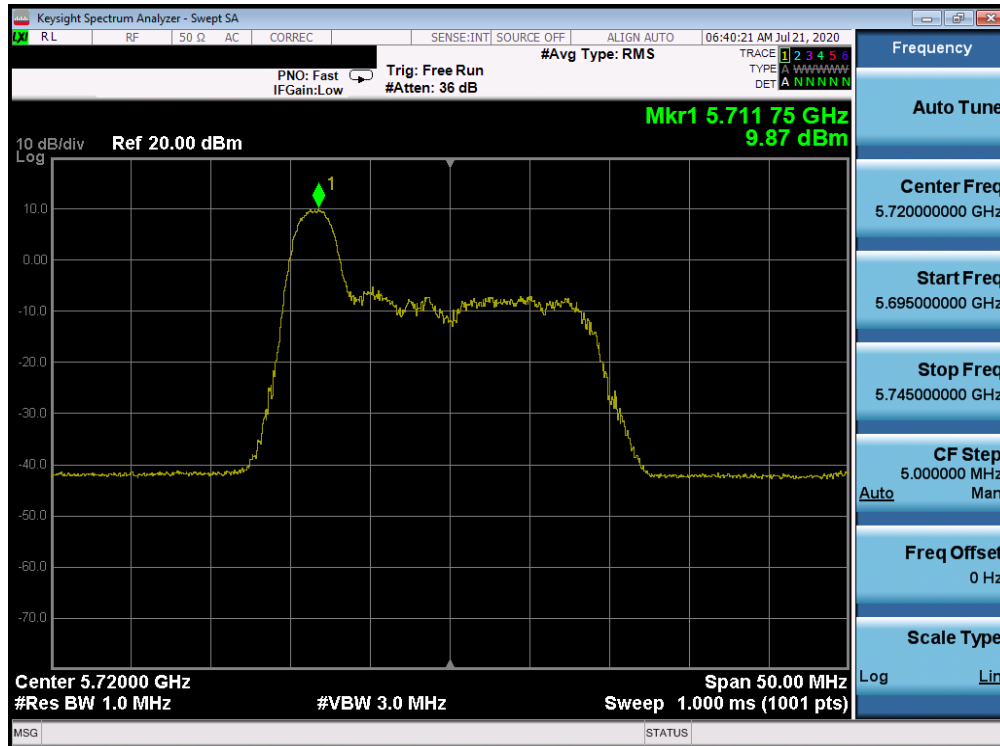


Plot 7-261. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 116)

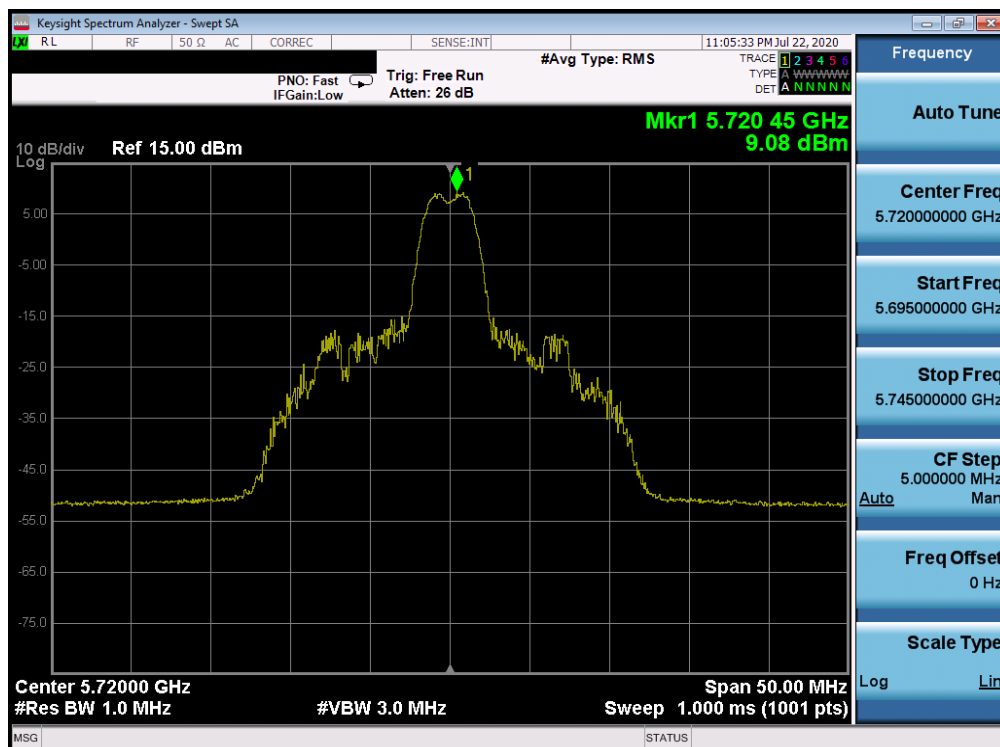


Plot 7-262. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8– RU26 (UNII Band 2C) – Ch. 116)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 190 of 591

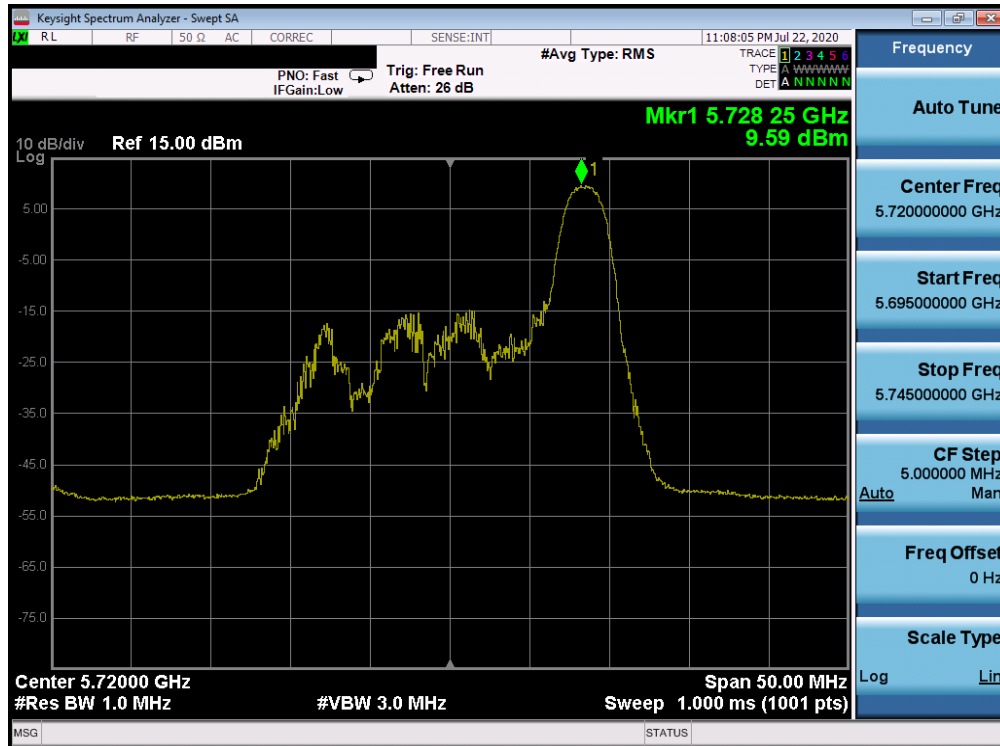


Plot 7-263. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 144)

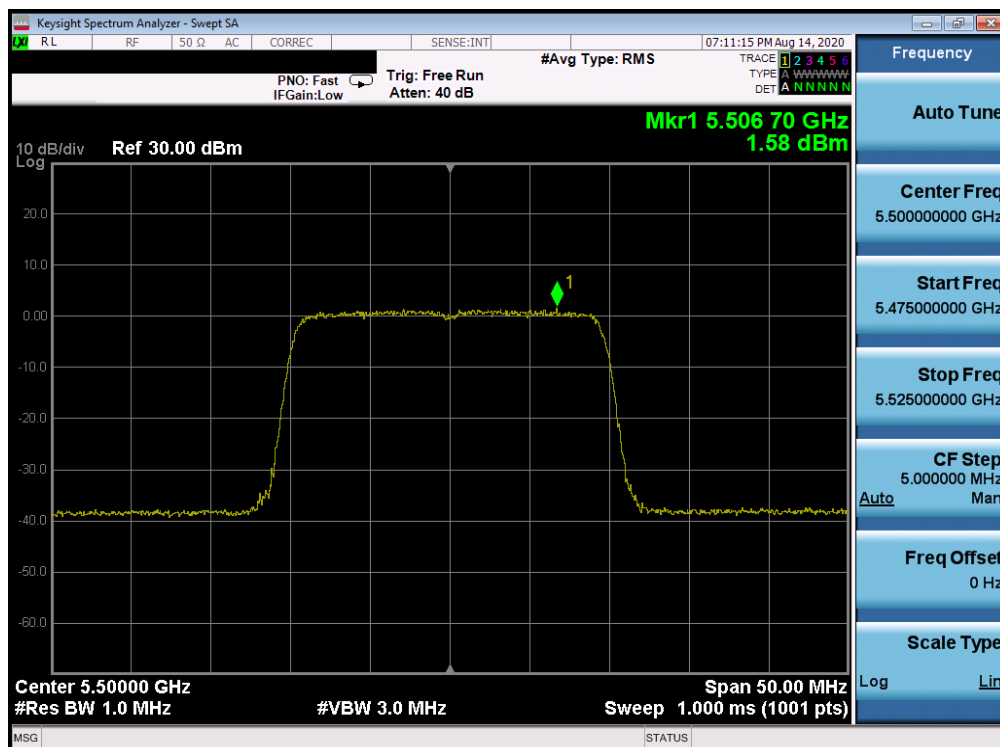


Plot 7-264. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 144)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 191 of 591

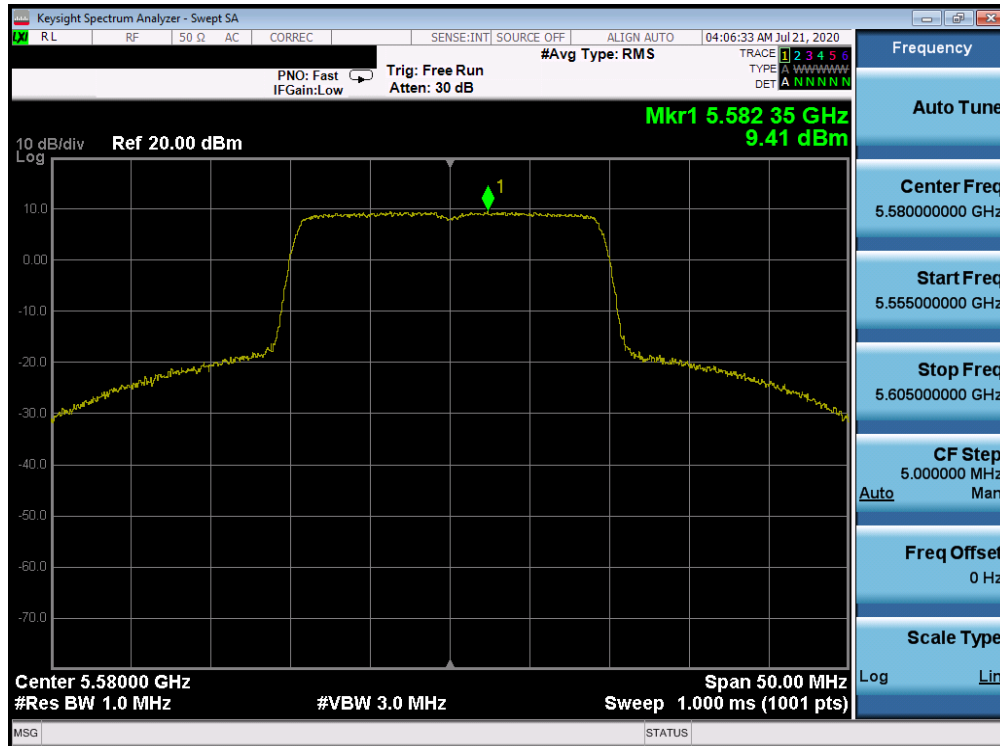


Plot 7-265. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 144)

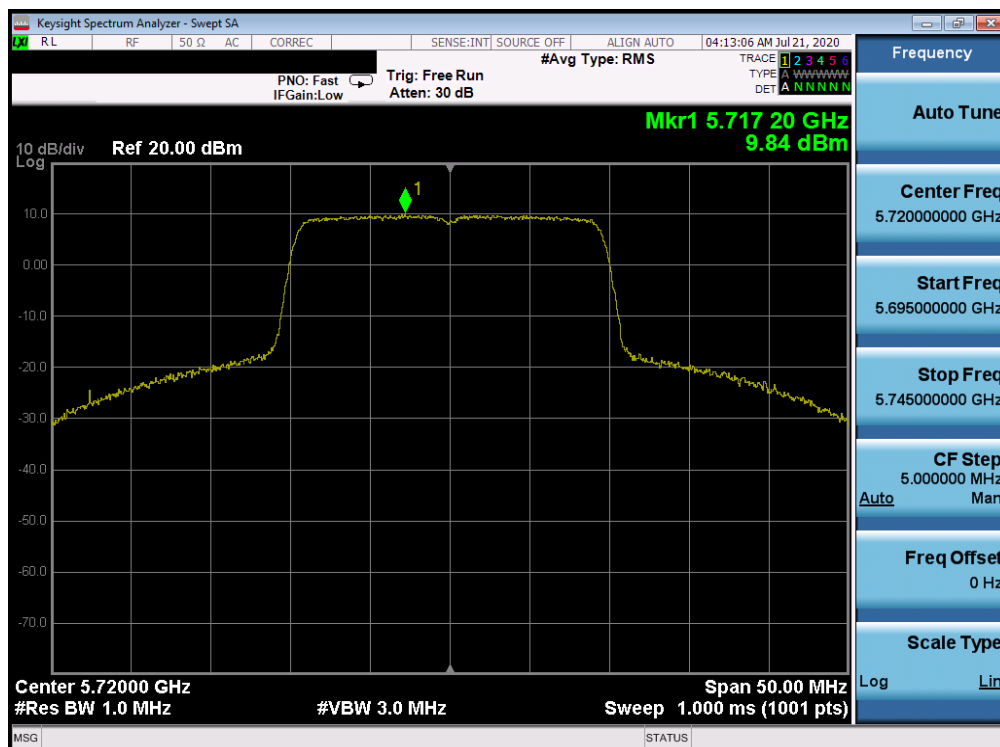


Plot 7-266. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 100)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 192 of 591

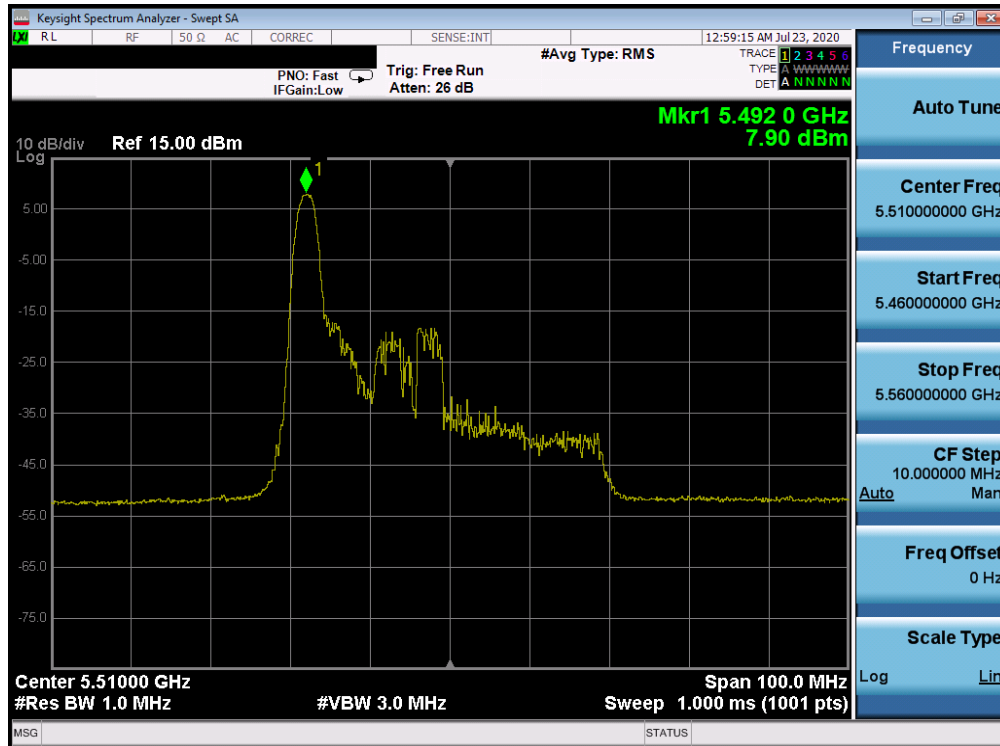


Plot 7-267. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 2C) – Ch. 116)

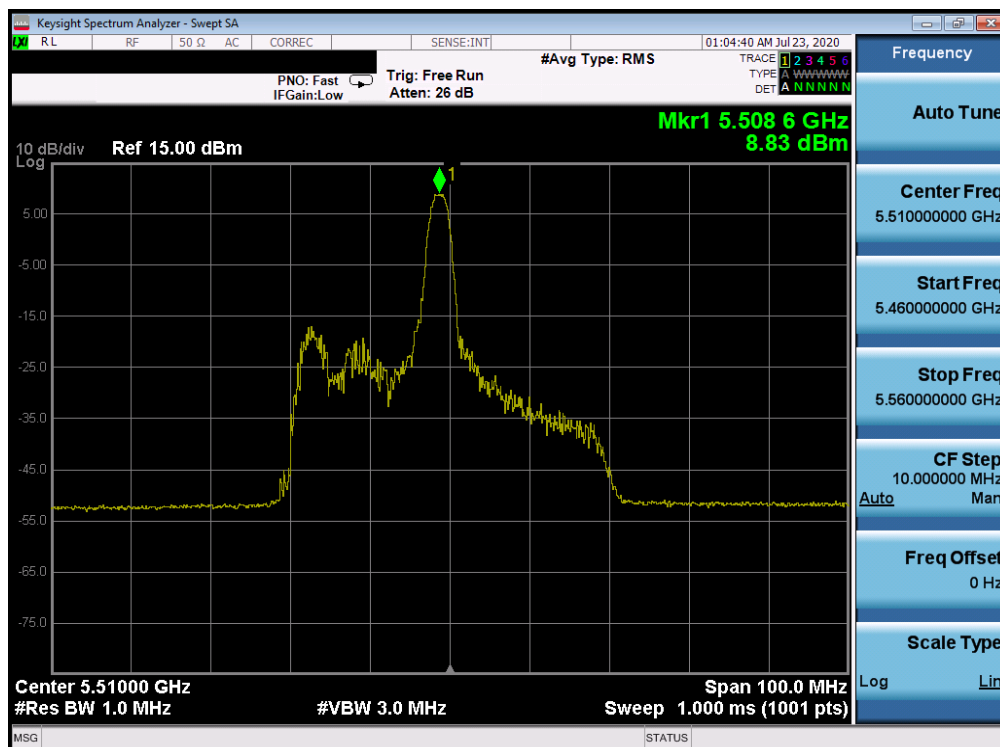


Plot 7-268. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 2C) – Ch. 144)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 193 of 591

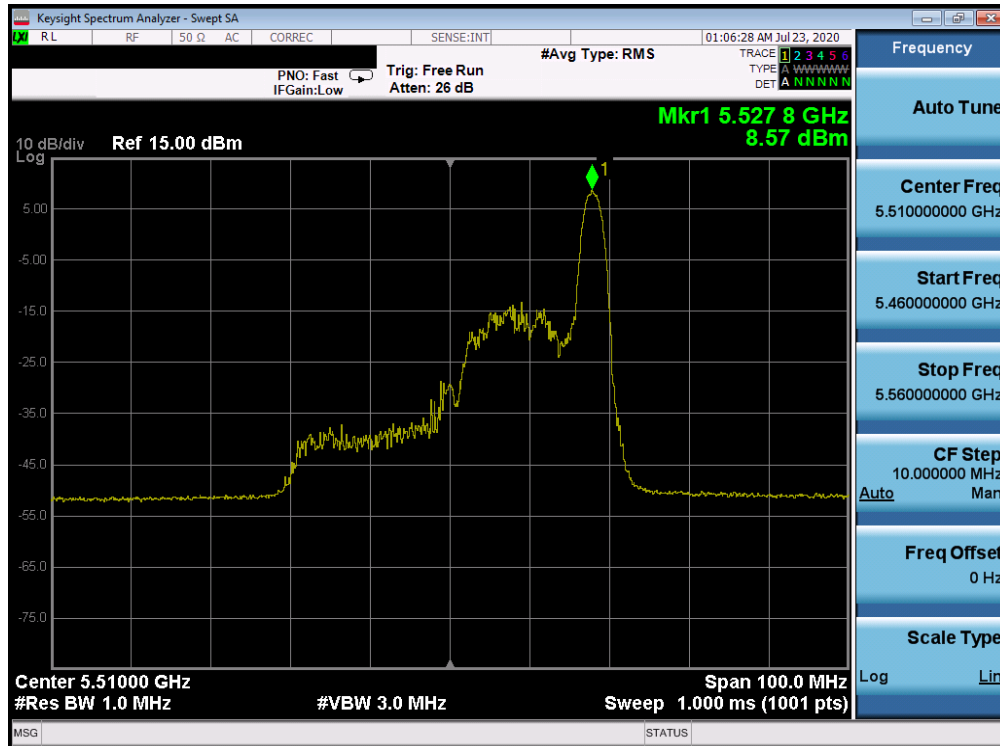


Plot 7-269. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 102)

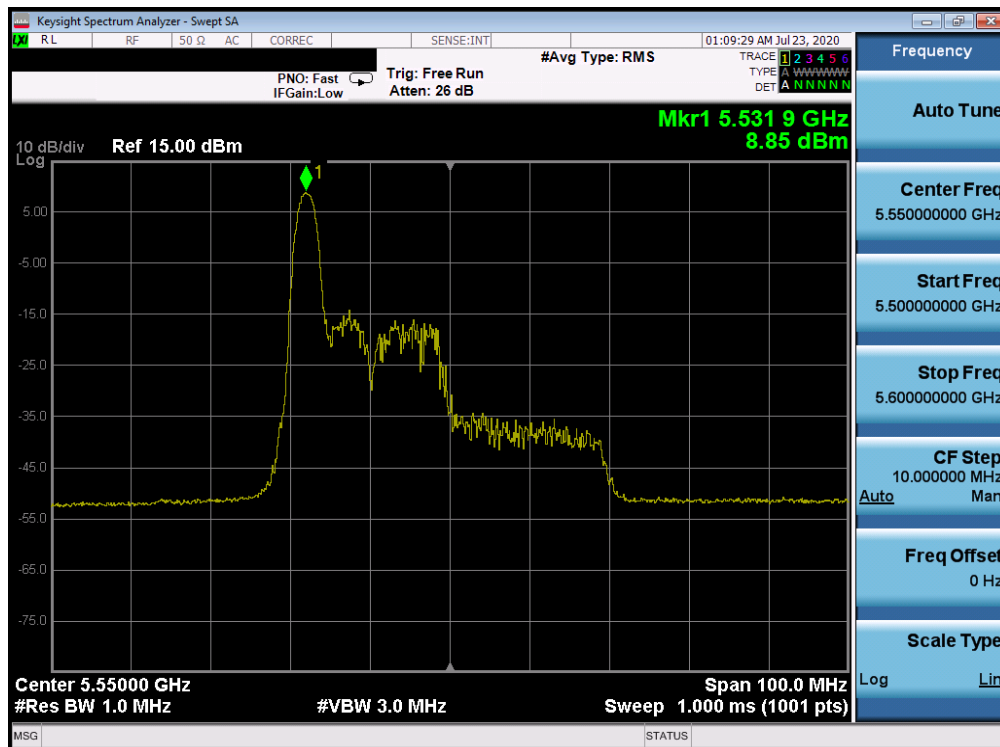


Plot 7-270. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 102)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 194 of 591

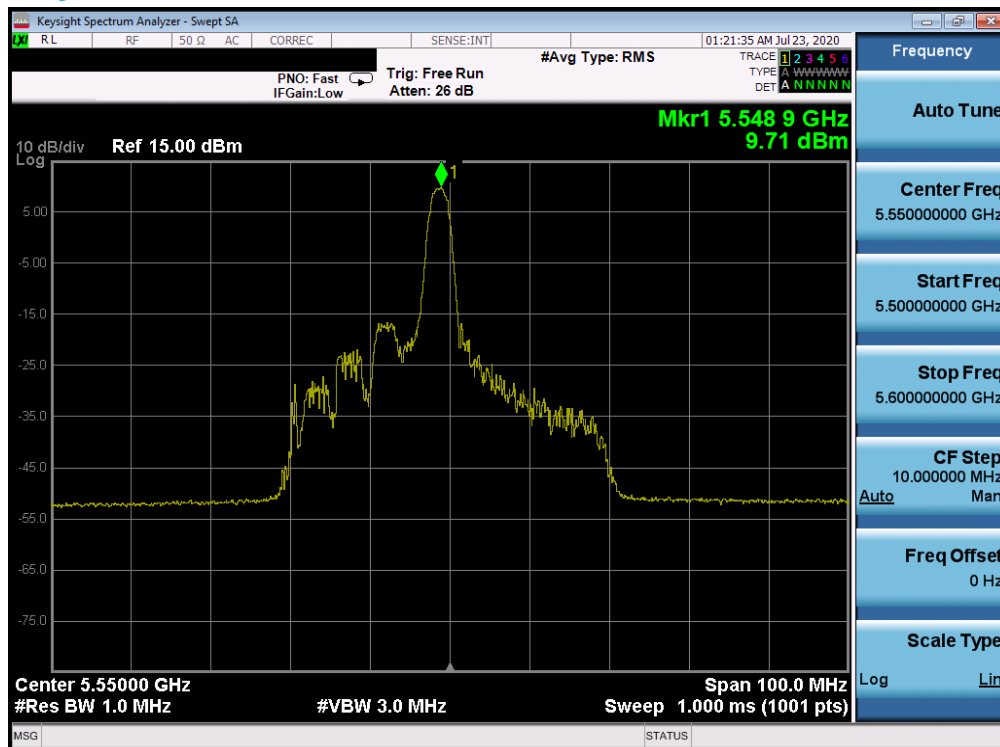


Plot 7-271. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 102)

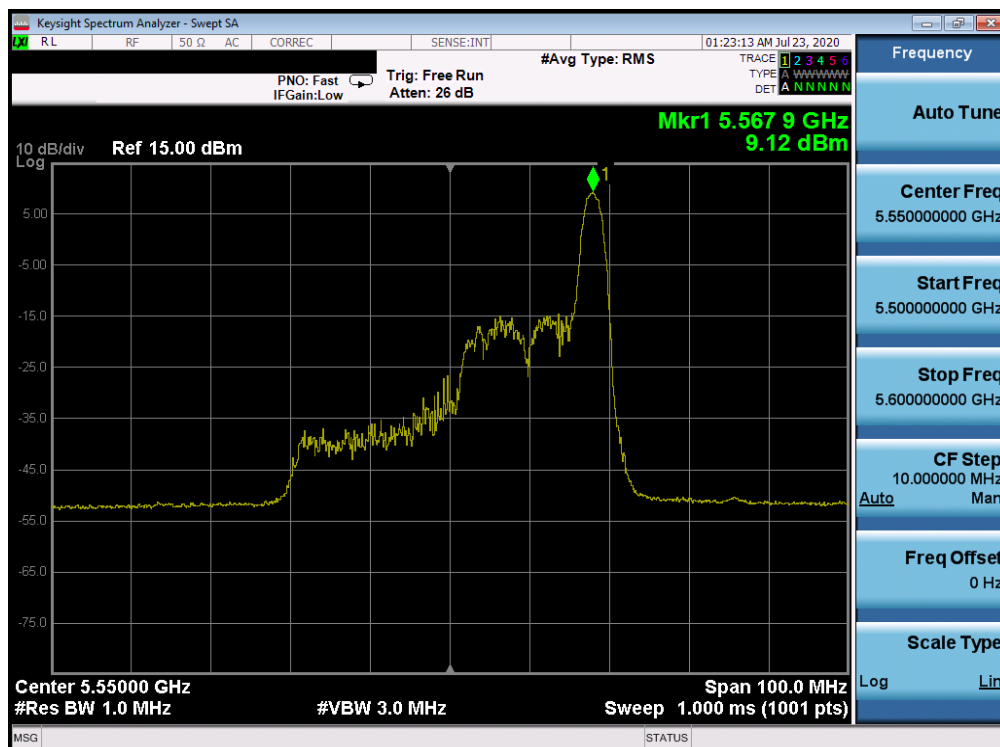


Plot 7-272. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 110)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 195 of 591

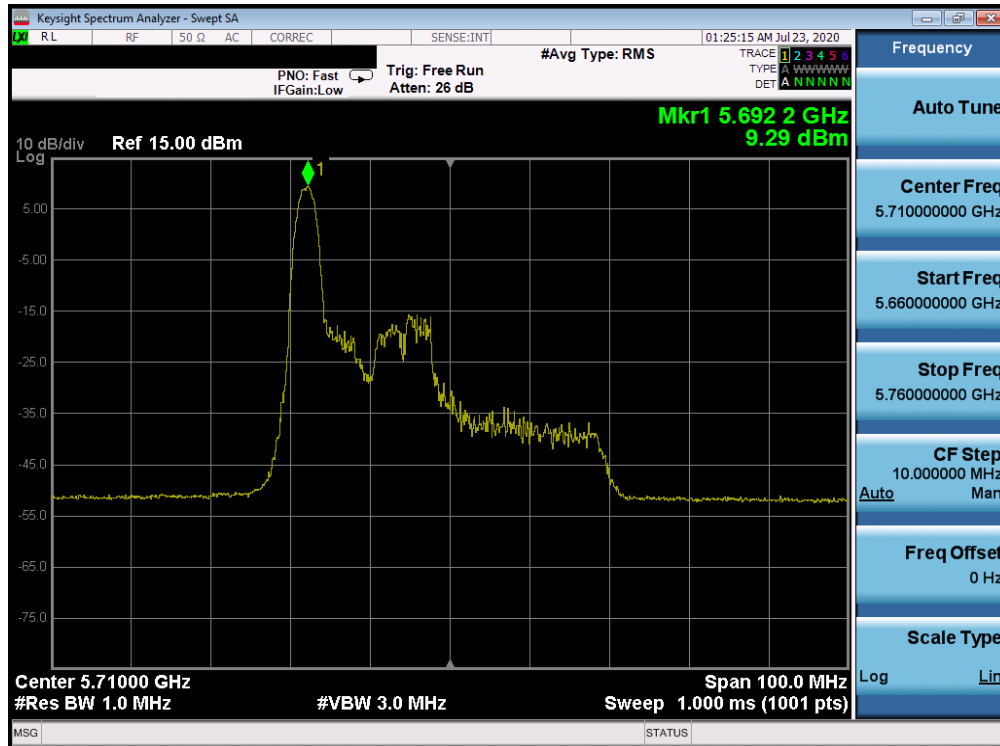


Plot 7-273. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 110)

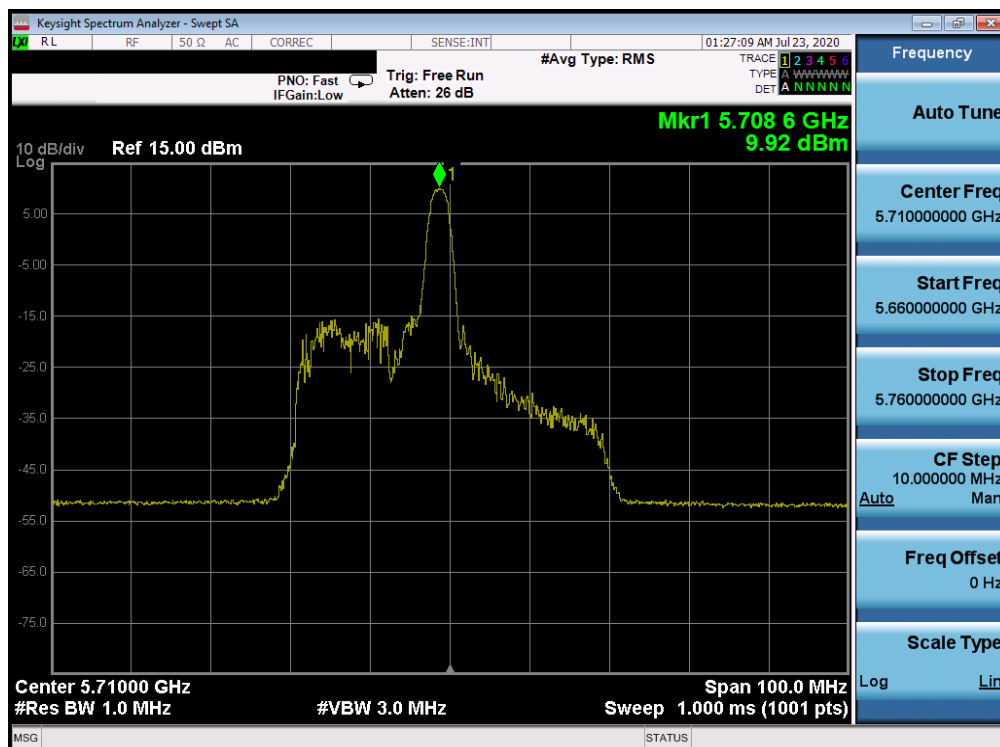


Plot 7-274. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 110)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 196 of 591

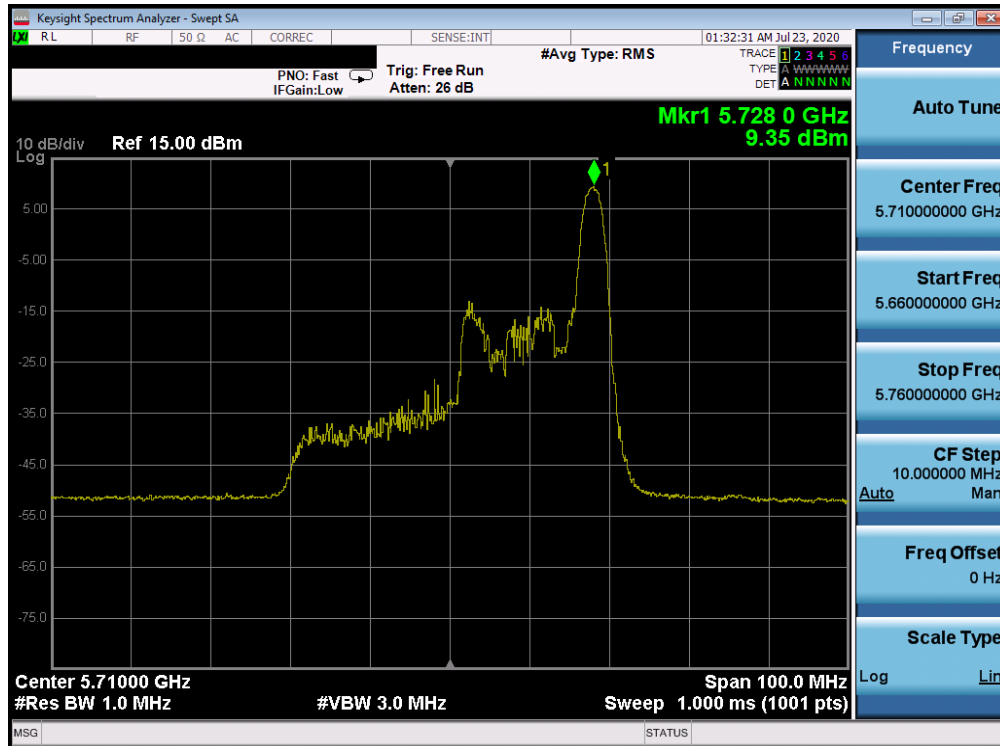


Plot 7-275. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 142)

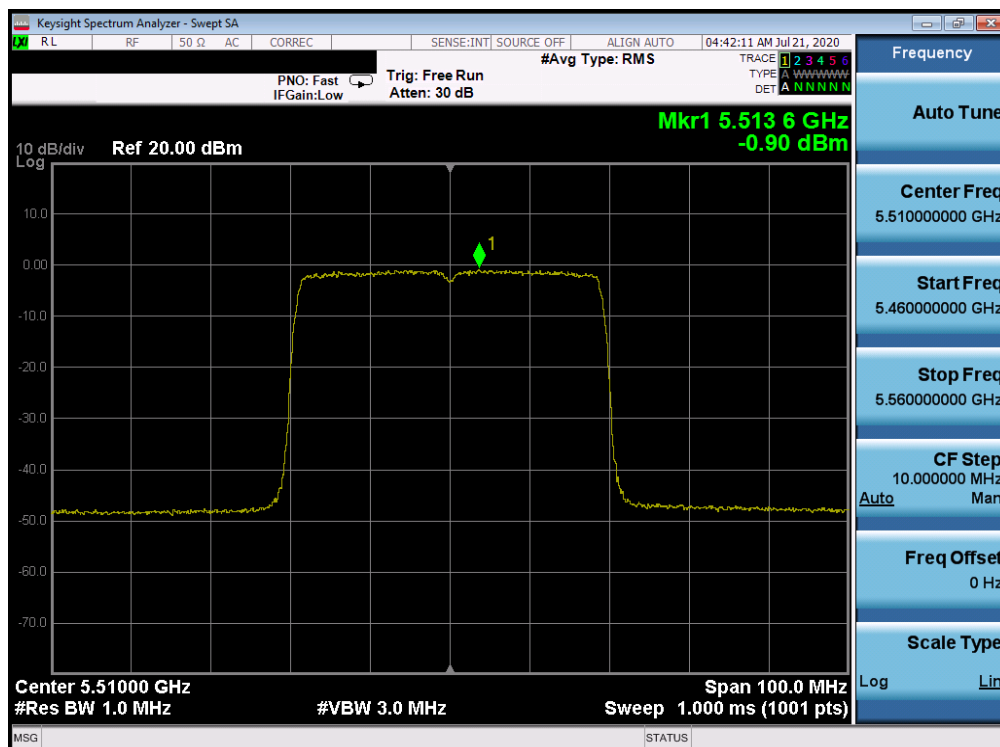


Plot 7-276. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 142)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 197 of 591

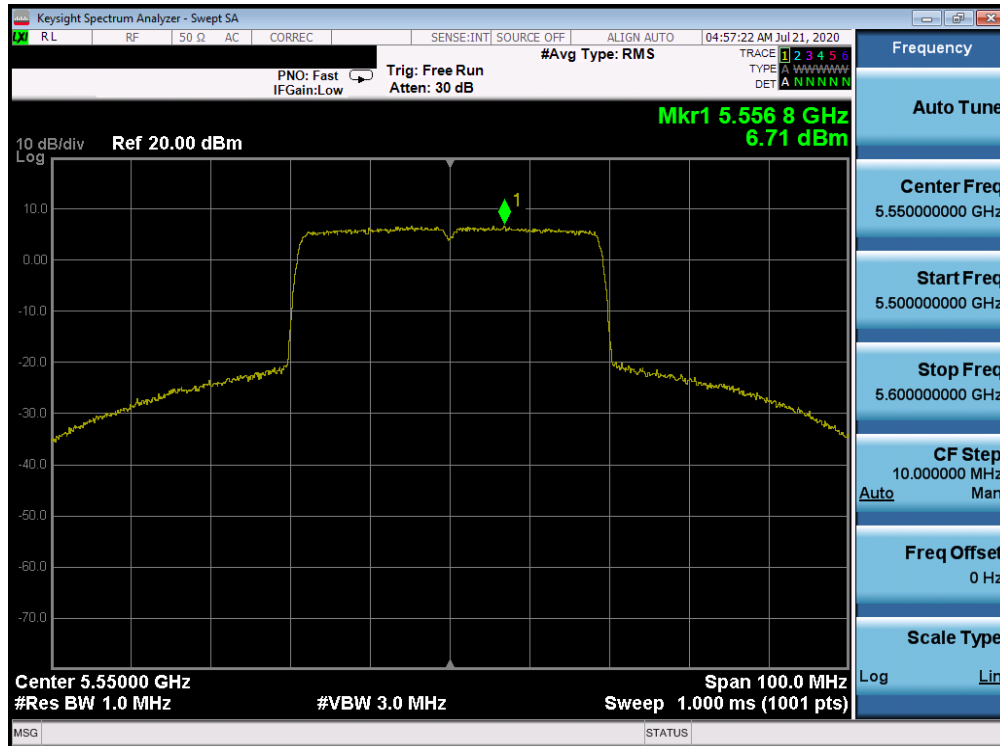


Plot 7-277. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 142)

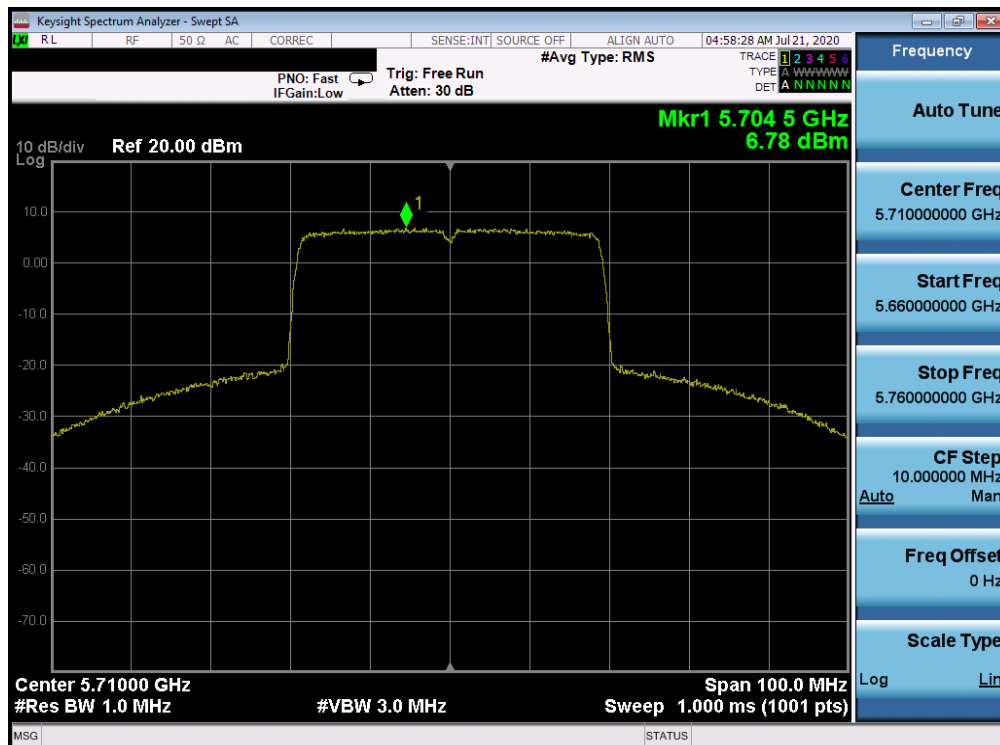


Plot 7-278. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 102)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 198 of 591

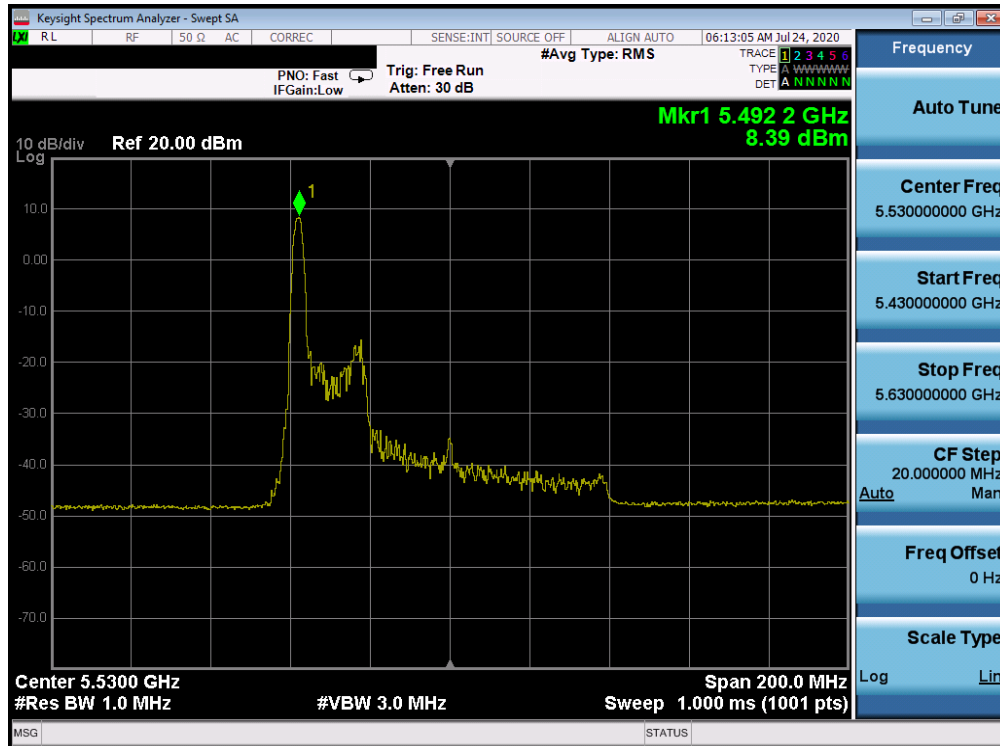


Plot 7-279. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 110)

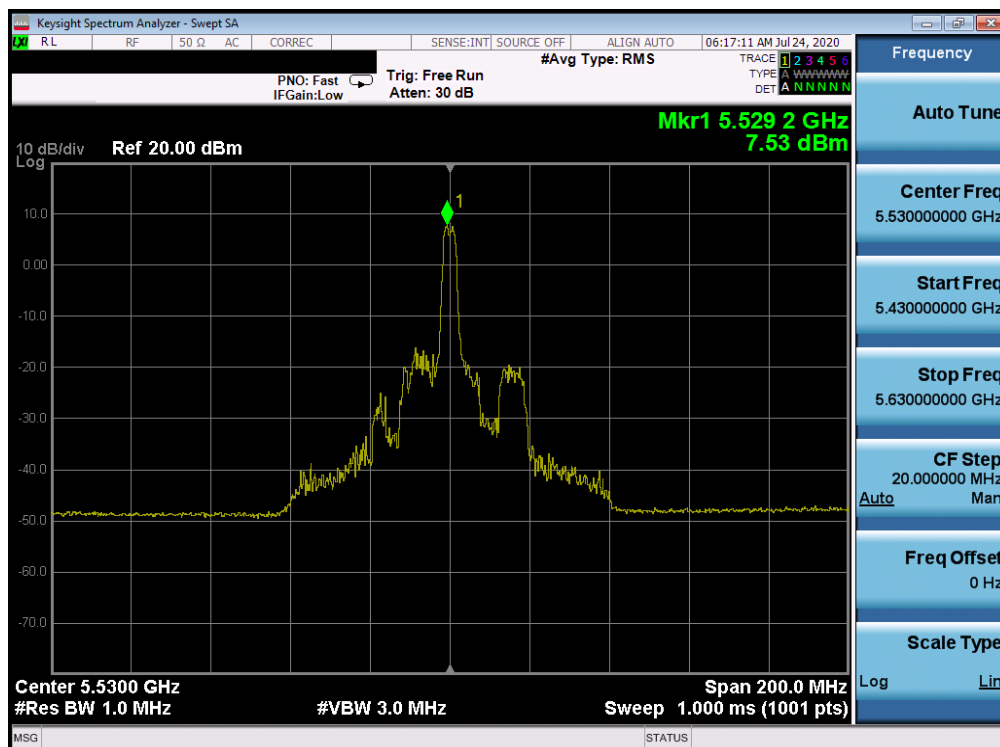


Plot 7-280. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 142)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 199 of 591

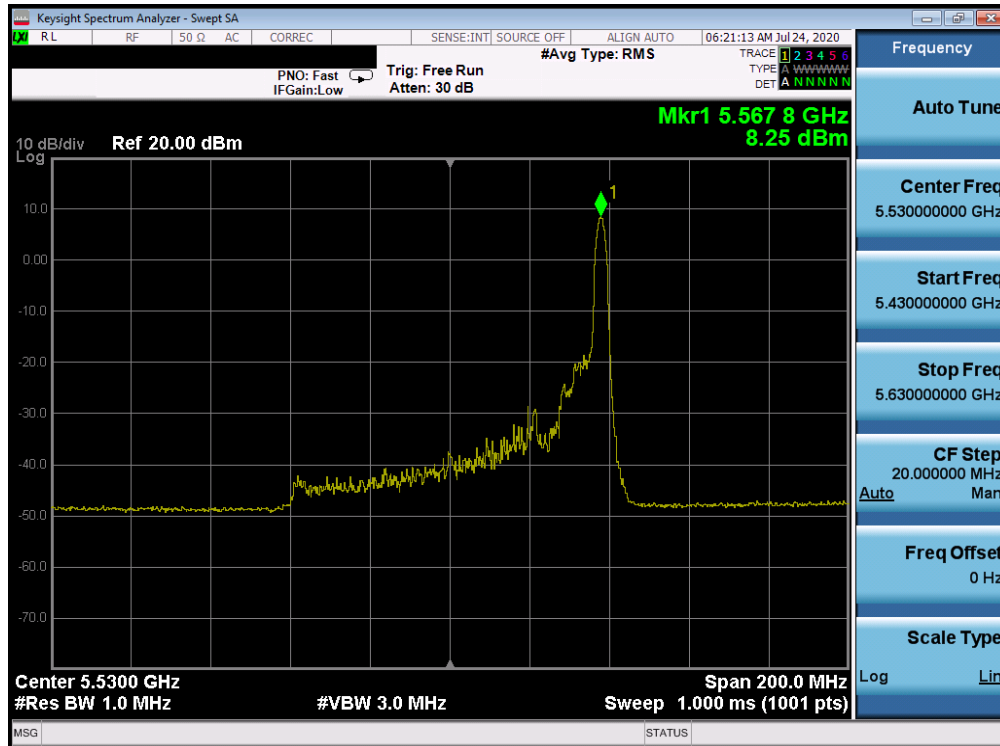


Plot 7-281. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 106)

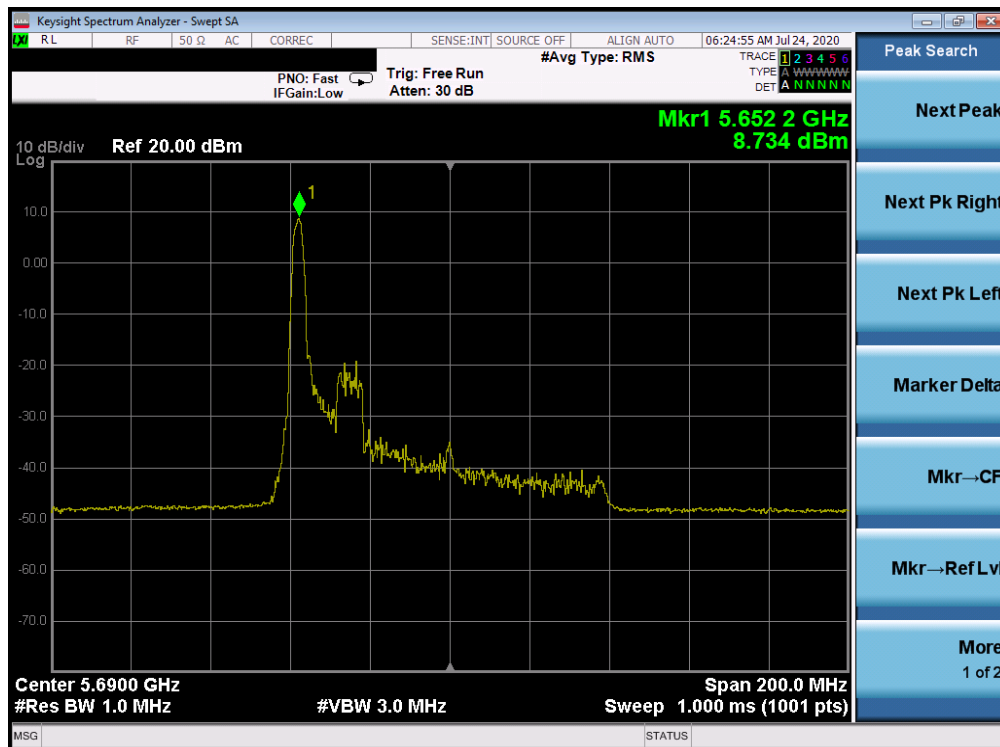


Plot 7-282. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 106)

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

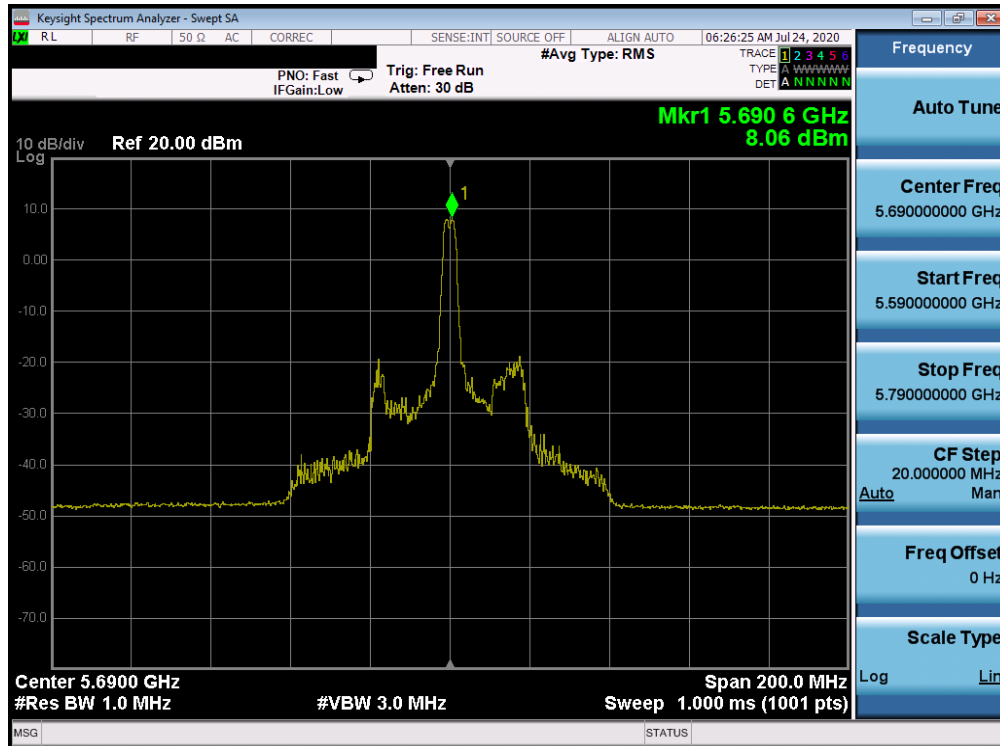


Plot 7-283. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 106)

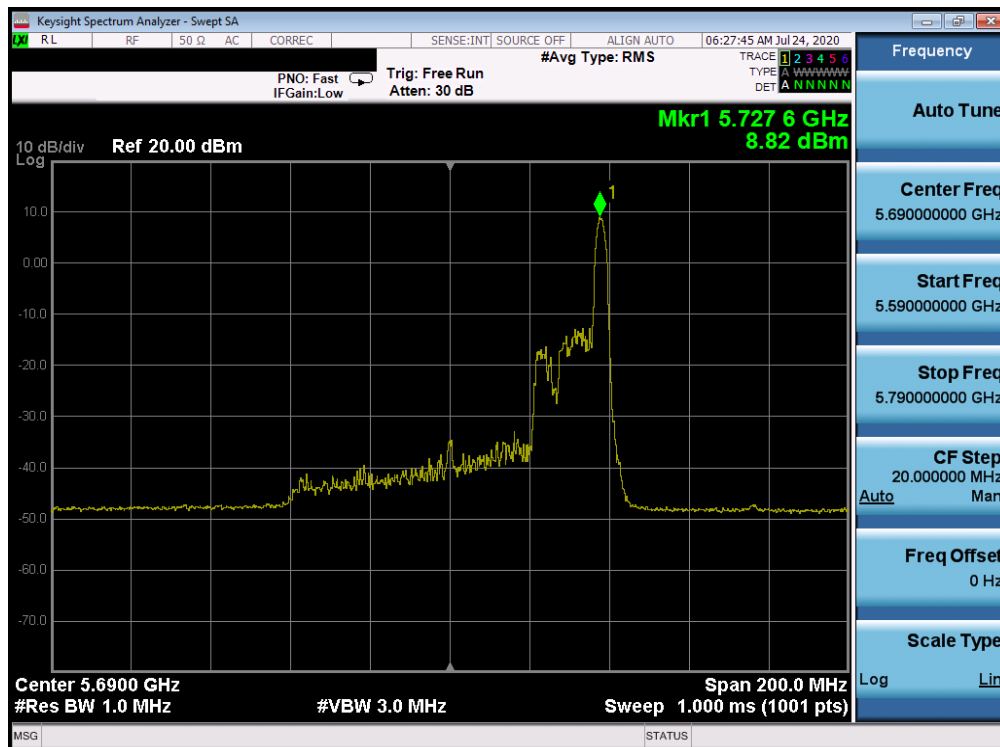


Plot 7-284. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 138)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 201 of 591

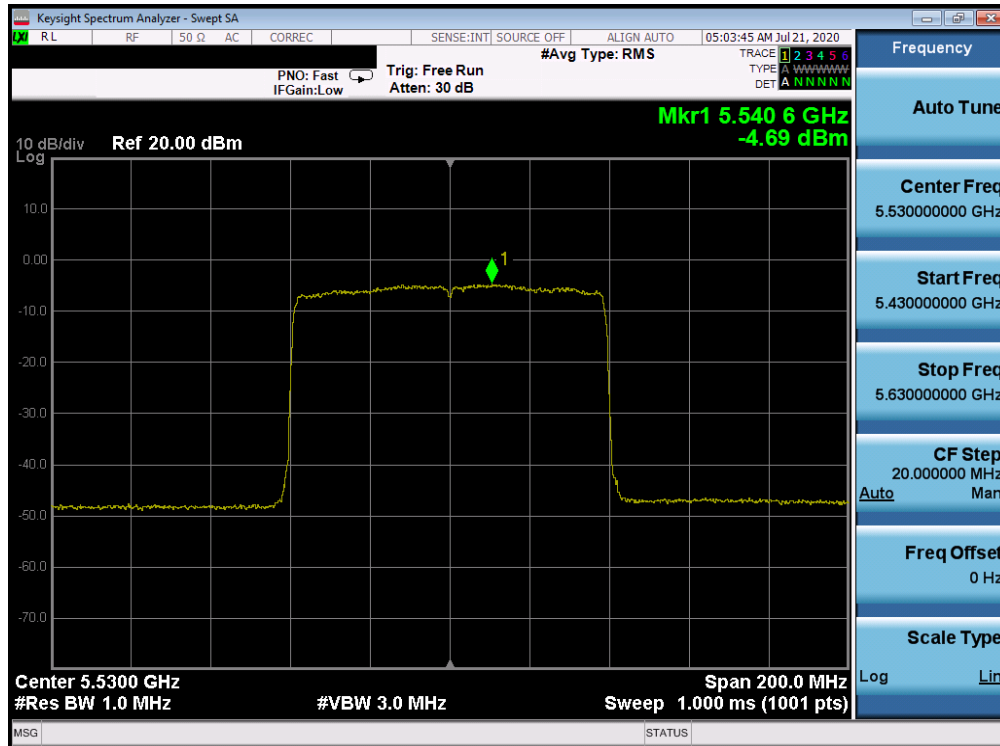


Plot 7-285. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 138)

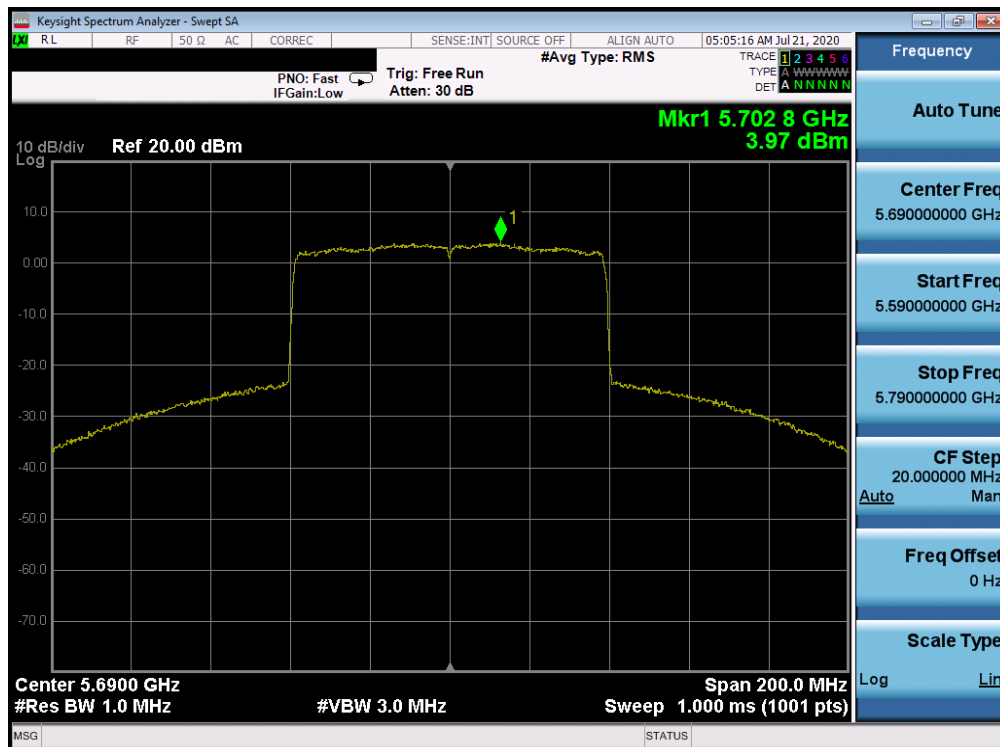


Plot 7-286. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 138)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 202 of 591



Plot 7-287. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 106)



Plot 7-288. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 138)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 203 of 591

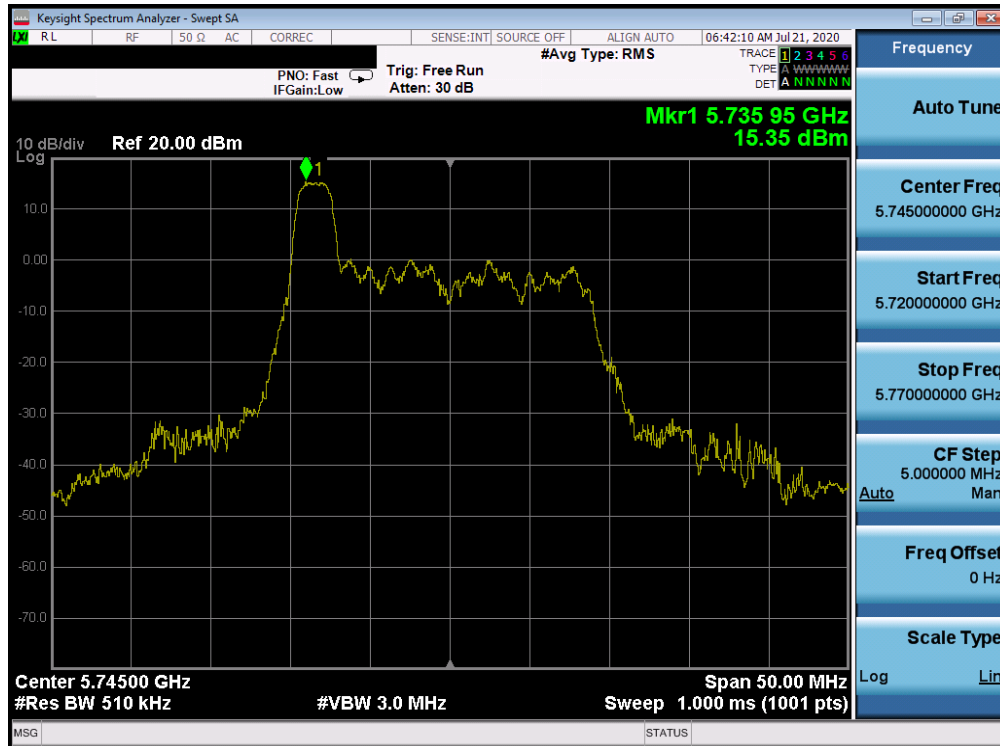
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	26	0	135/143.4 (MCS11)	15.35	30.00	-14.65
				26	4	135/143.4 (MCS11)	16.22	30.00	-13.78
				26	8	135/143.4 (MCS11)	15.86	30.00	-14.14
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	15.43	30.00	-14.57
				26	4	135/143.4 (MCS11)	16.43	30.00	-13.57
				26	8	135/143.4 (MCS11)	16.20	30.00	-13.80
	5825	165	ax (20MHz)	26	0	135/143.4 (MCS11)	15.66	30.00	-14.34
				26	4	135/143.4 (MCS11)	16.41	30.00	-13.59
				26	8	135/143.4 (MCS11)	16.16	30.00	-13.84
	5755	151	ax (40MHz)	26	0	271/286.8 (MCS11)	15.41	30.00	-14.59
				26	8	271/286.8 (MCS11)	16.27	30.00	-13.73
				26	17	271/286.8 (MCS11)	15.61	30.00	-14.39
	5795	159	ax (40MHz)	26	0	271/286.8 (MCS11)	15.54	30.00	-14.46
				26	8	271/286.8 (MCS11)	16.18	30.00	-13.82
				26	17	271/286.8 (MCS11)	15.72	30.00	-14.28
	5775	155	ax (80MHz)	26	0	567/600.5 (MCS11)	10.71	30.00	-19.29
				26	18	567/600.5 (MCS11)	10.97	30.00	-19.03
				26	36	567/600.5 (MCS11)	11.10	30.00	-18.90

Table 7-66. Band 3 Power Spectral Density Measurements ANT WF8 (RU26)

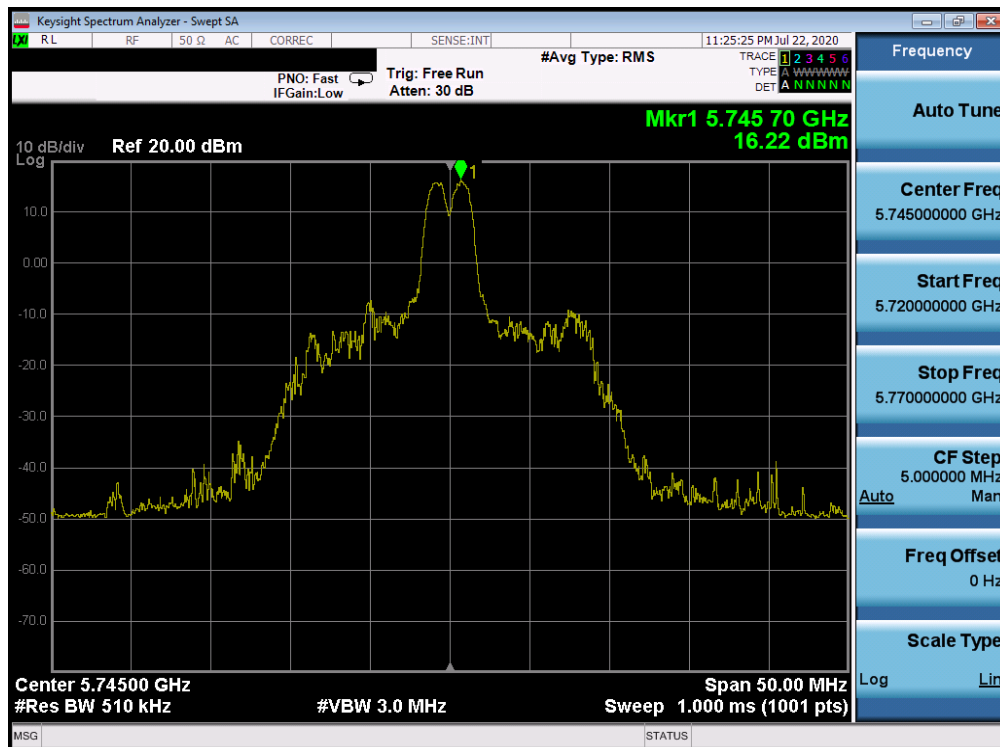
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	7.22	30.00	-22.78
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	6.98	30.00	-23.02
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	7.24	30.00	-22.76
	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	4.23	30.00	-25.77
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	4.77	30.00	-25.23
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	-2.18	30.00	-32.18

Table 7-67. Band 3 Power Spectral Density Measurements ANT WF8 (Fully-loaded RU)

FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 204 of 591



Plot 7-289. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

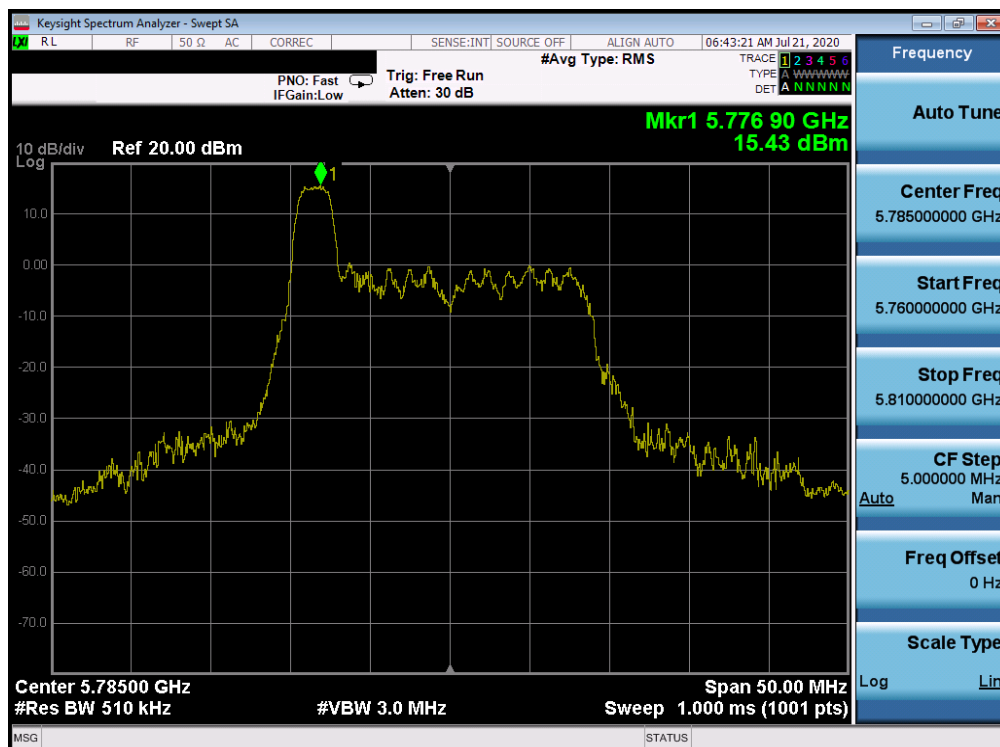


Plot 7-290. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 205 of 591

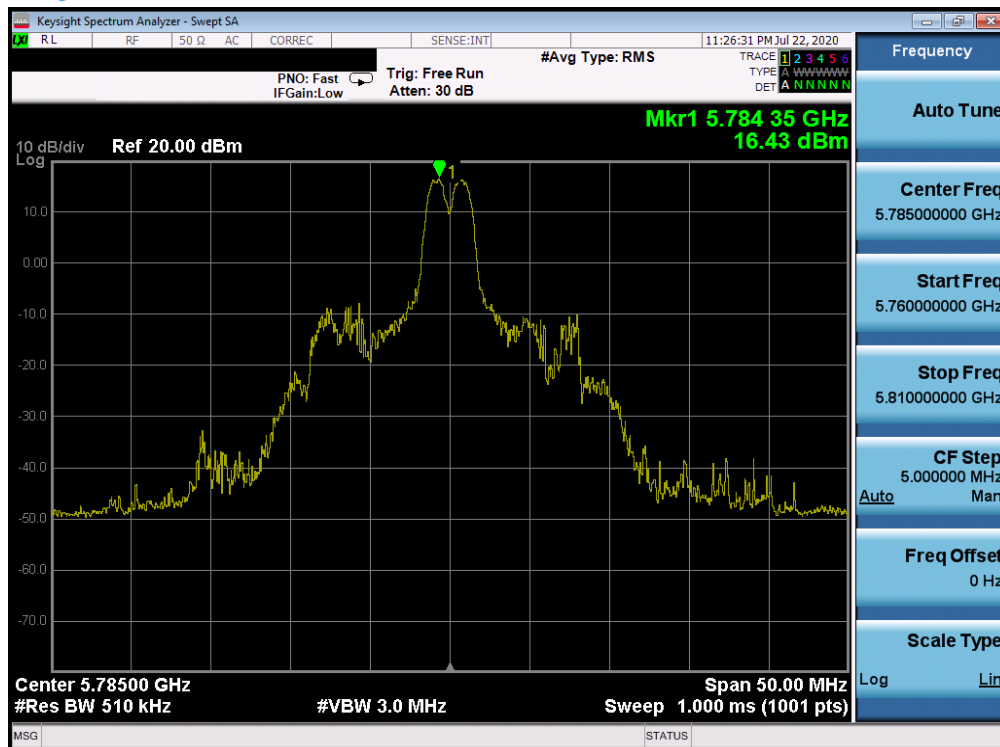


Plot 7-291. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

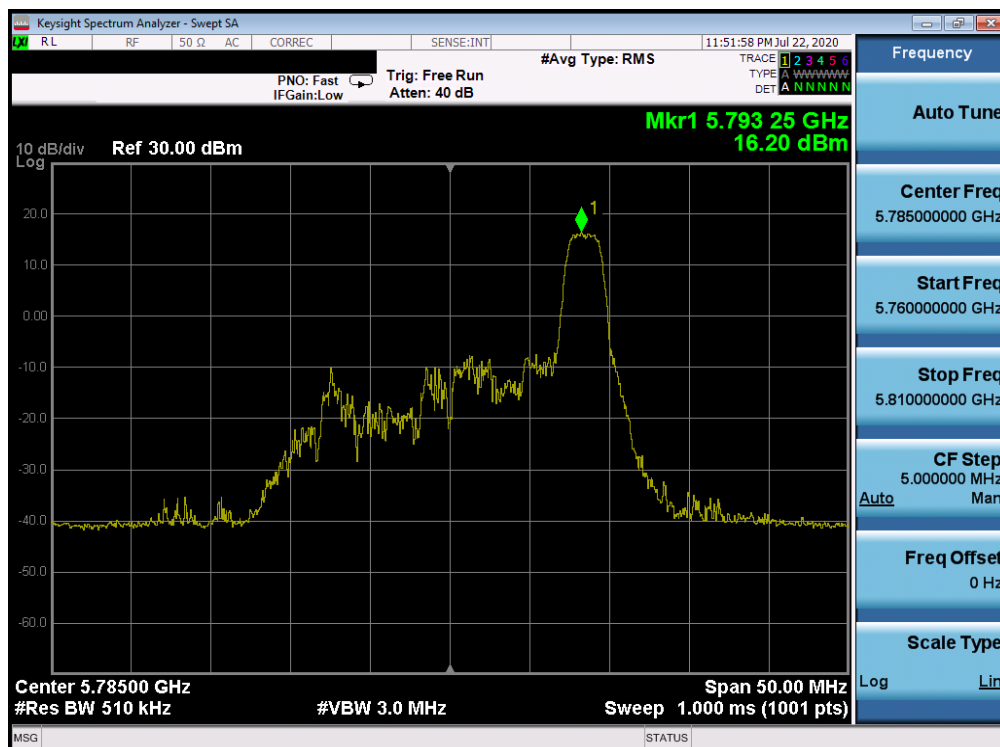


Plot 7-292. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 206 of 591

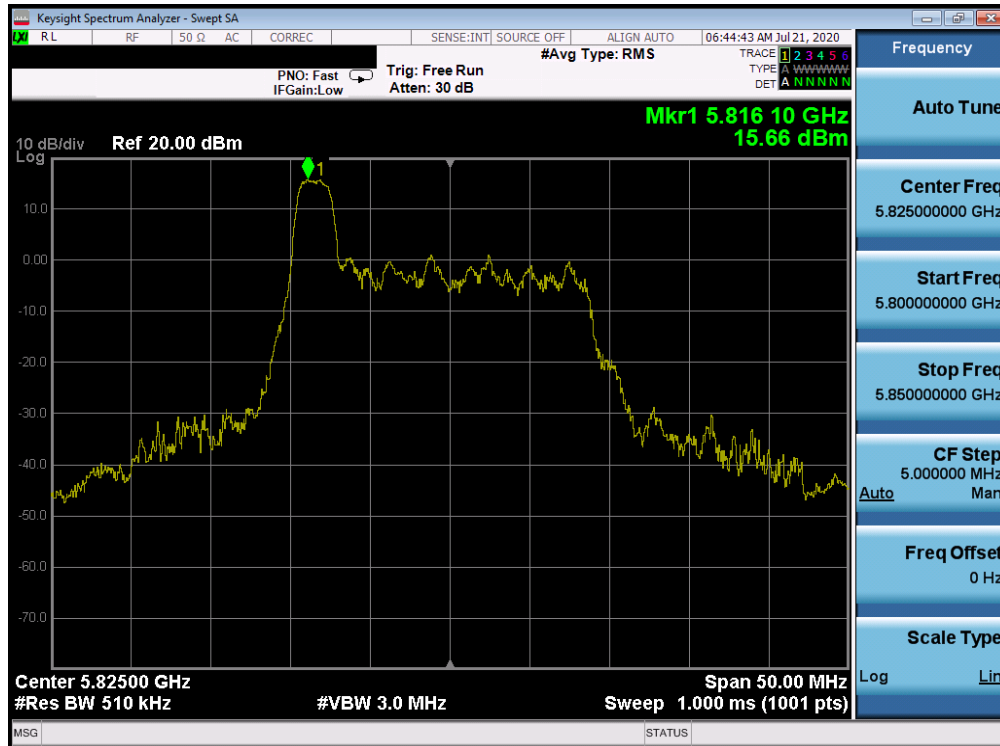


Plot 7-293. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)

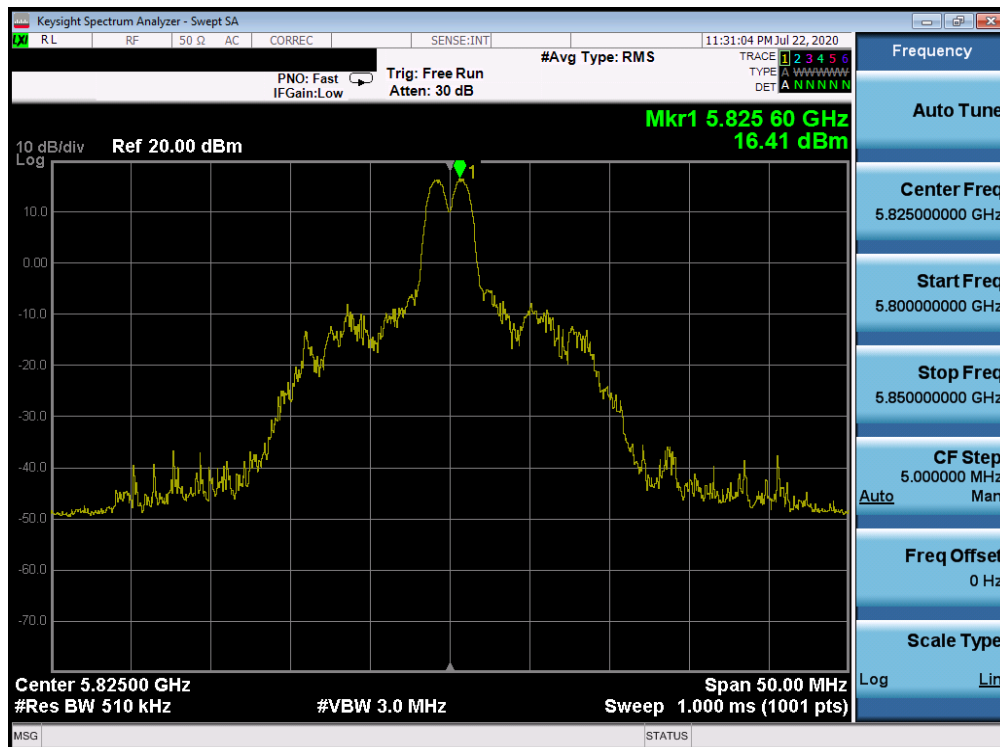


Plot 7-294. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 207 of 591



Plot 7-295. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)

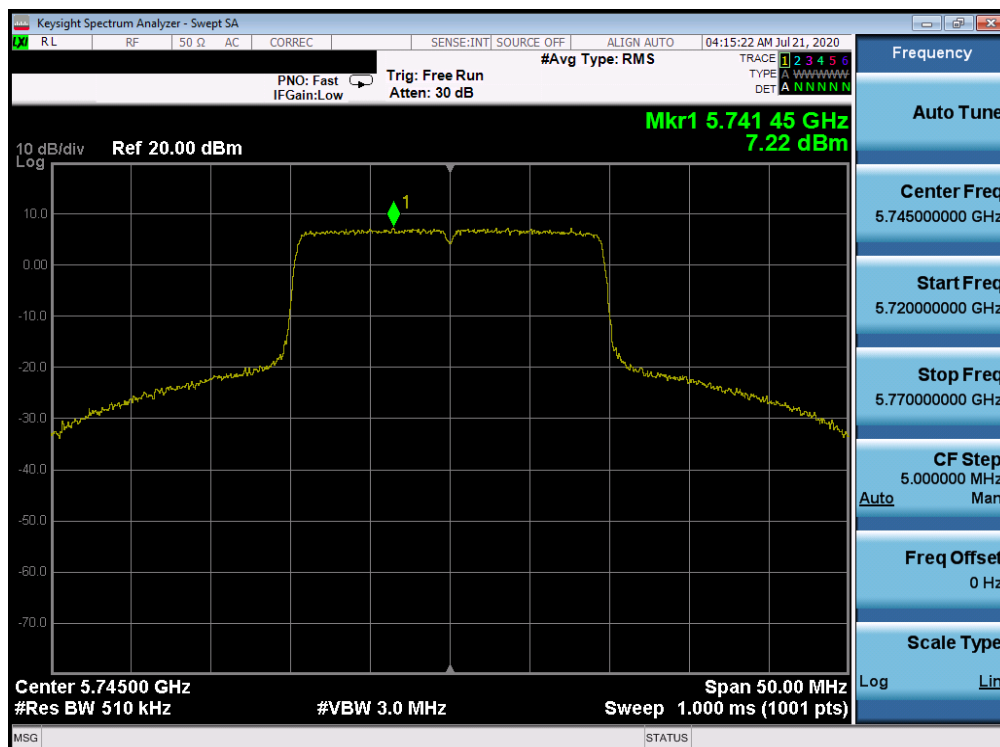


Plot 7-296. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 208 of 591

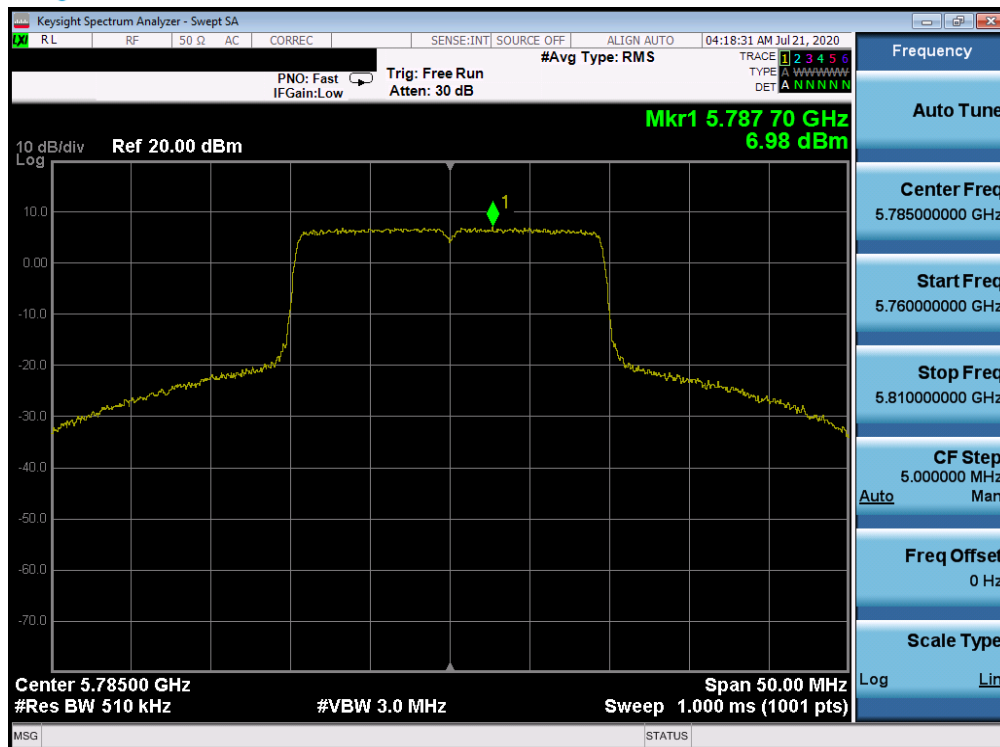


Plot 7-297. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)

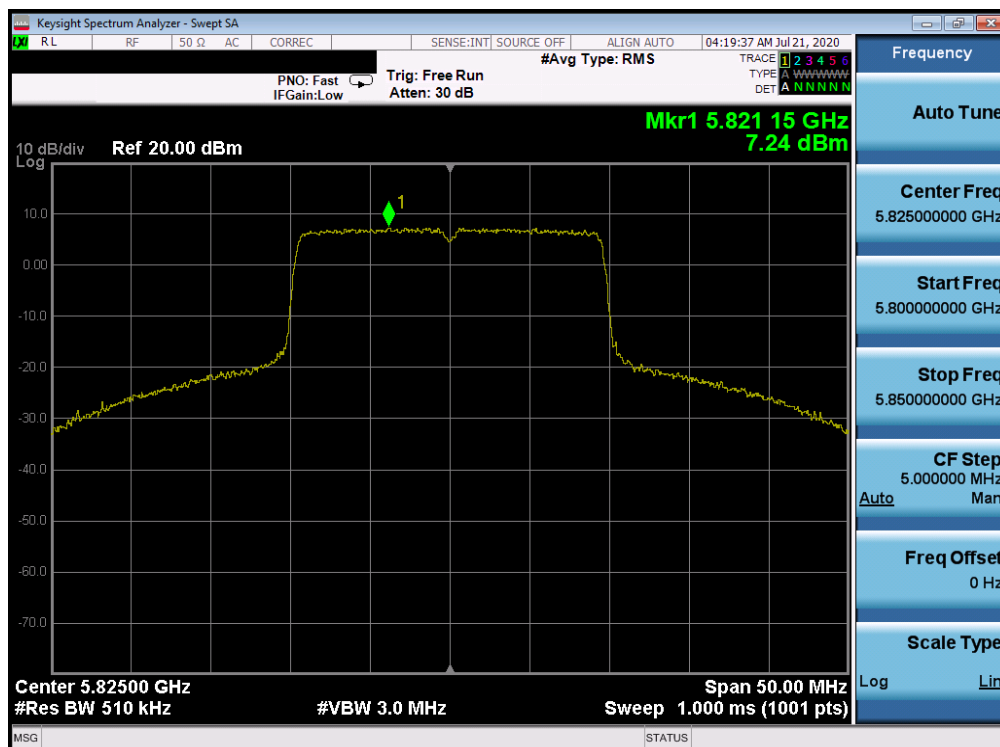


Plot 7-298. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 209 of 591



Plot 7-299. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 157)

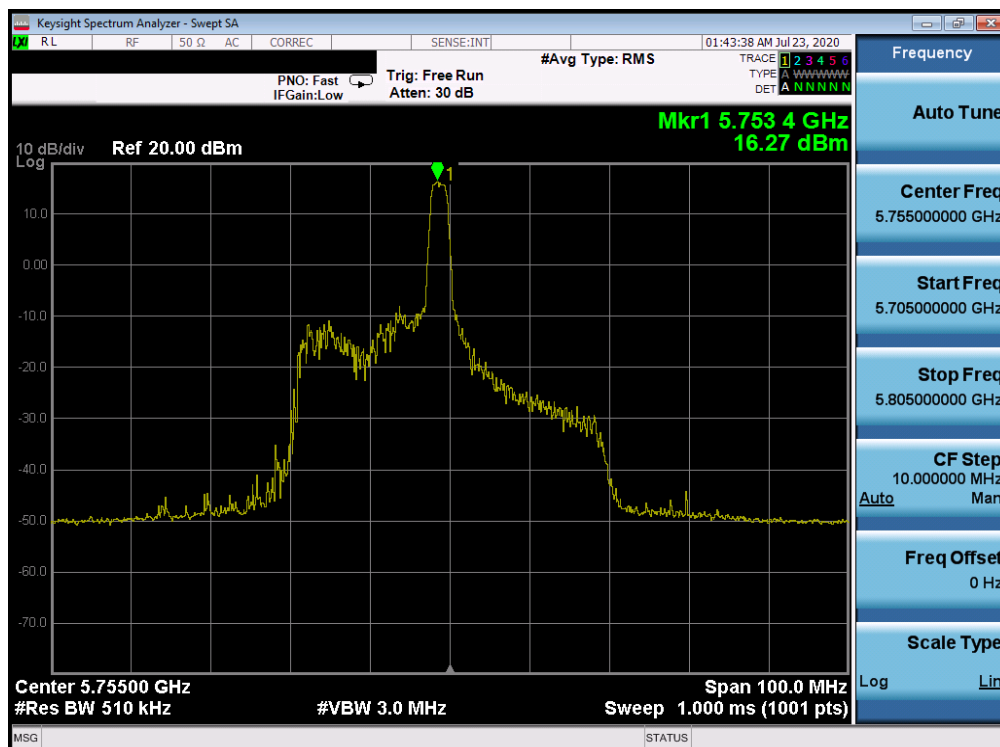


Plot 7-300. Power Spectral Density Plot ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 165)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 210 of 591

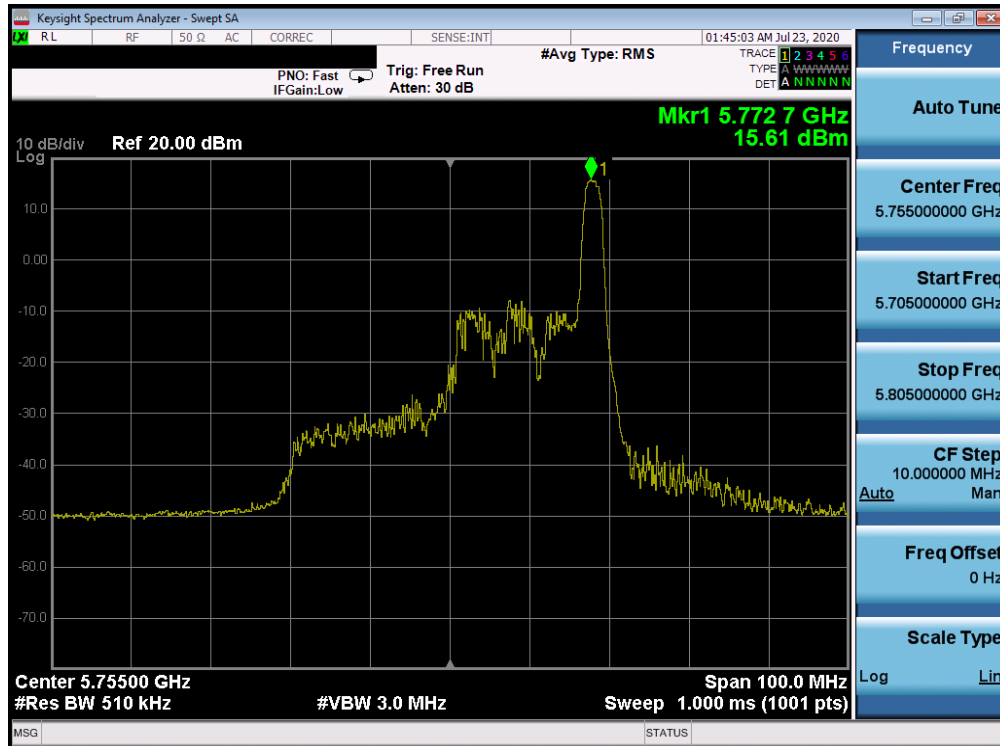


Plot 7-301. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

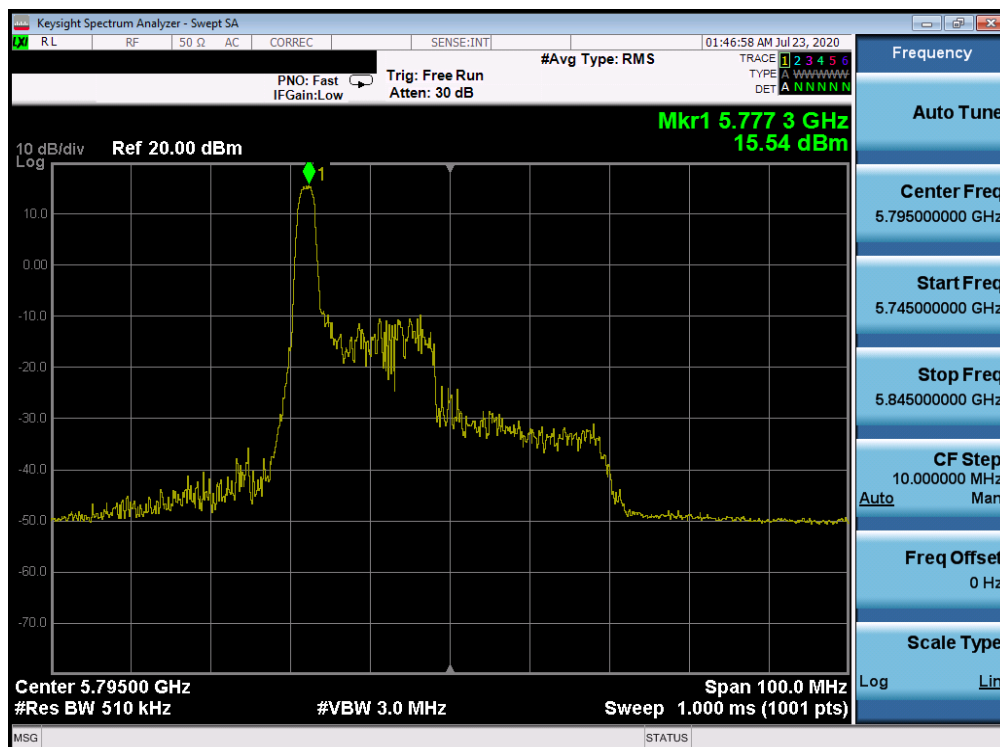


Plot 7-302. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 211 of 591

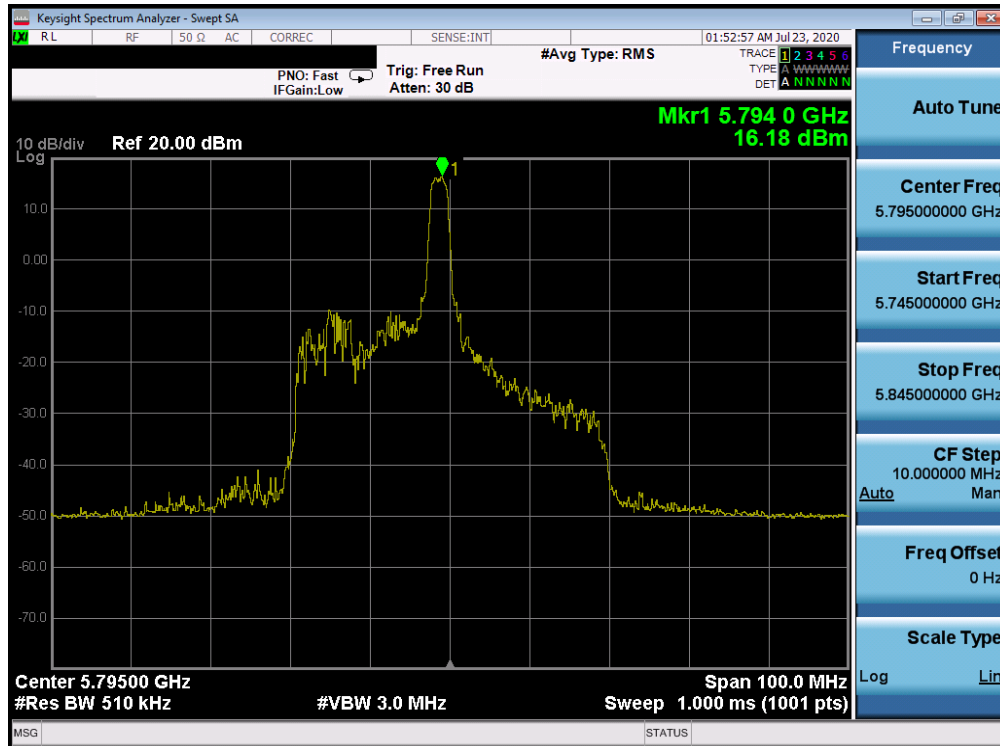


Plot 7-303. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

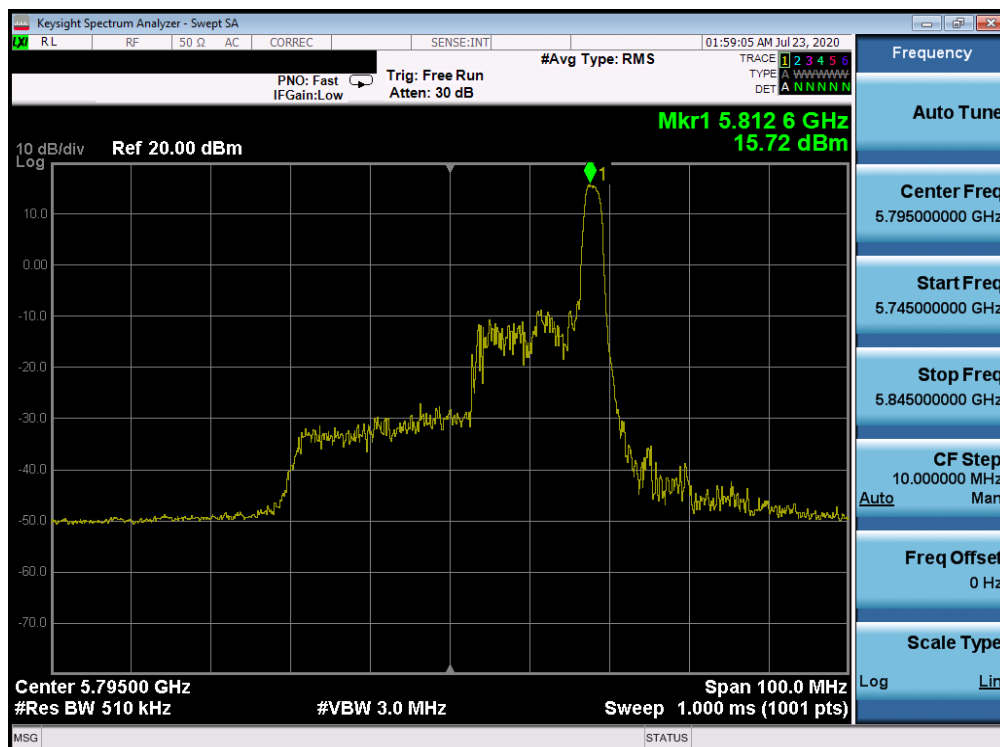


Plot 7-304. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 212 of 591

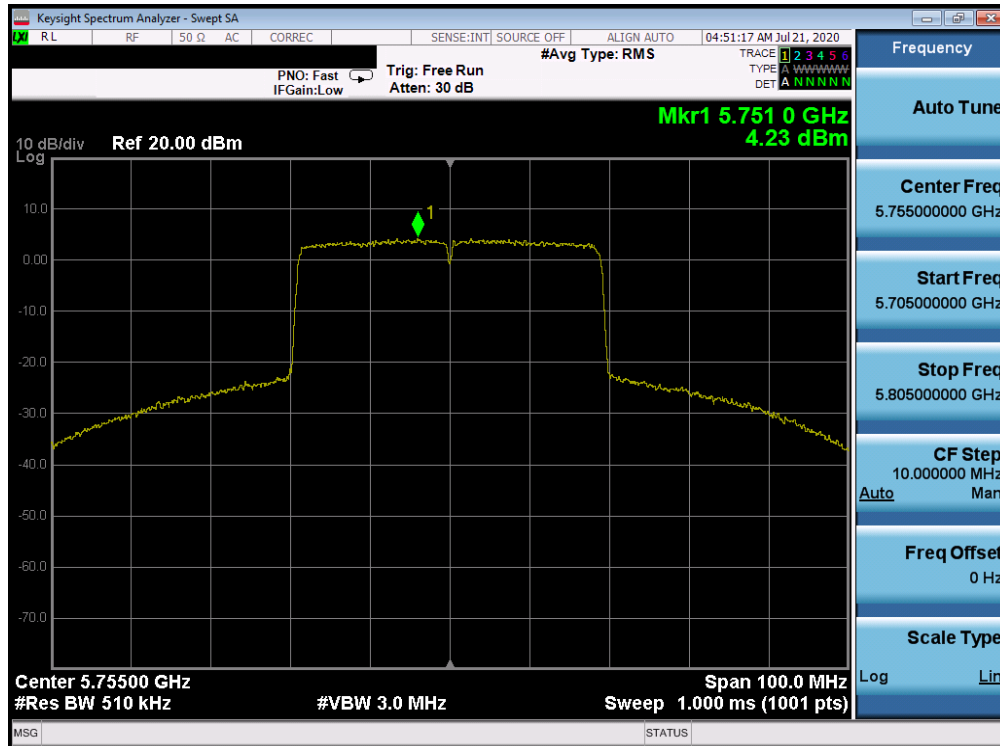


Plot 7-305. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

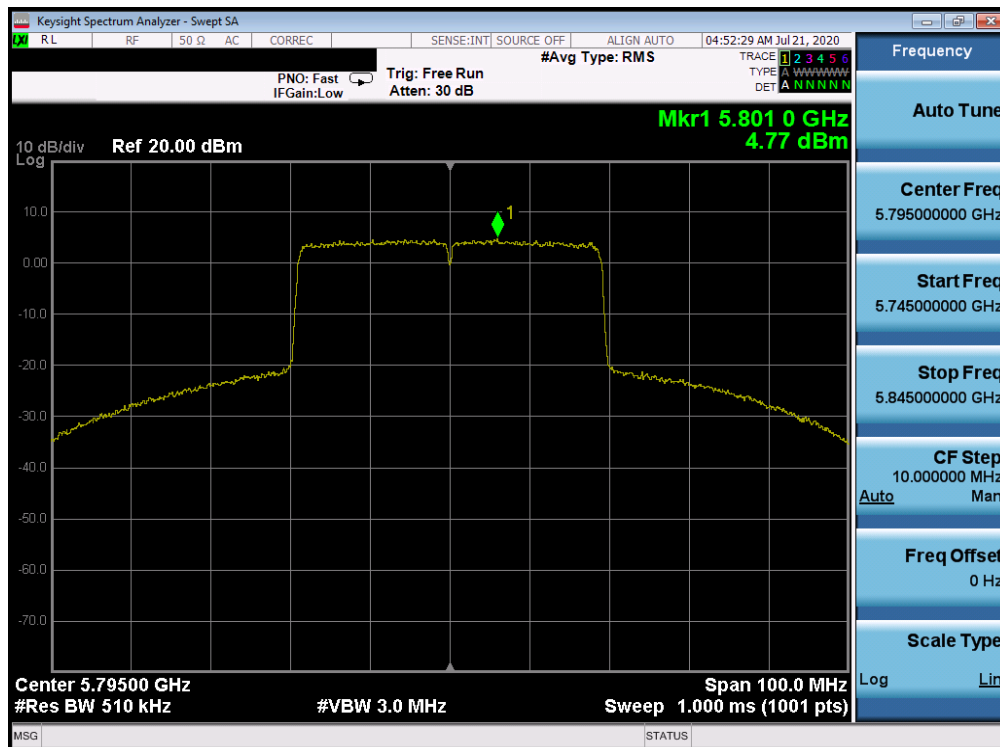


Plot 7-306. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 213 of 591

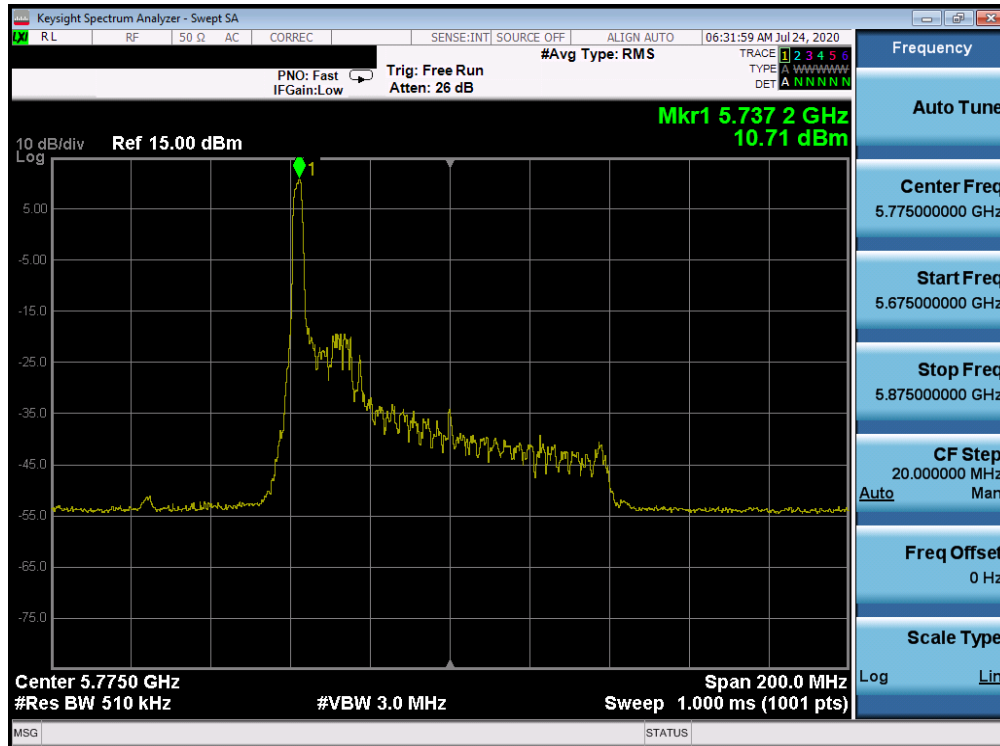


Plot 7-307. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)



Plot 7-308. Power Spectral Density Plot ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 214 of 591

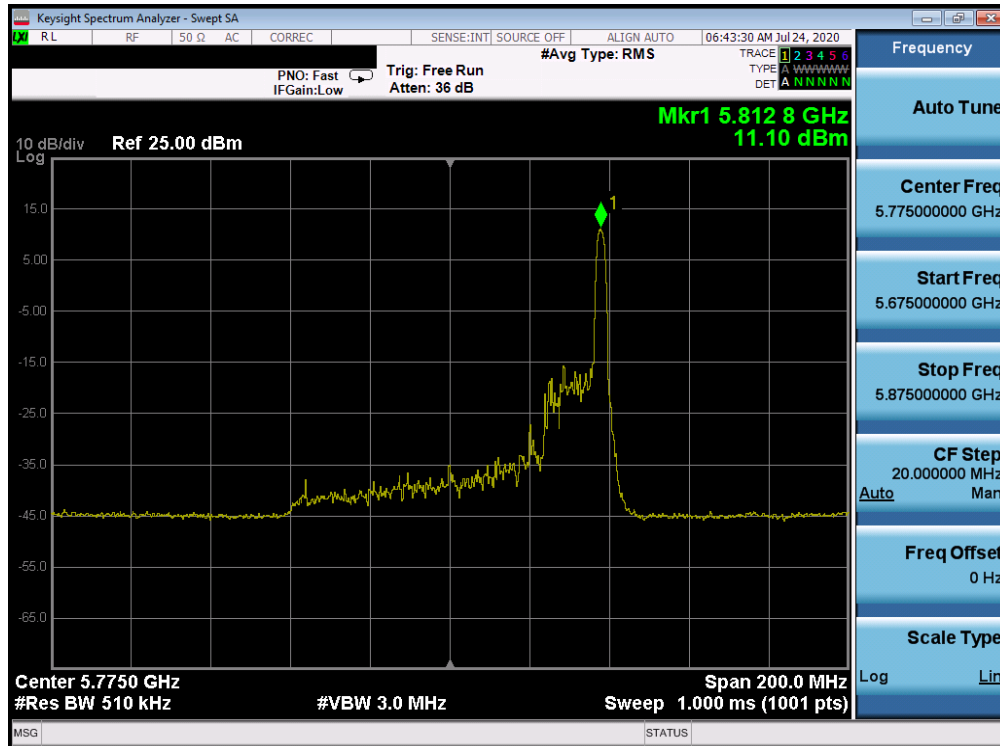


Plot 7-309. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

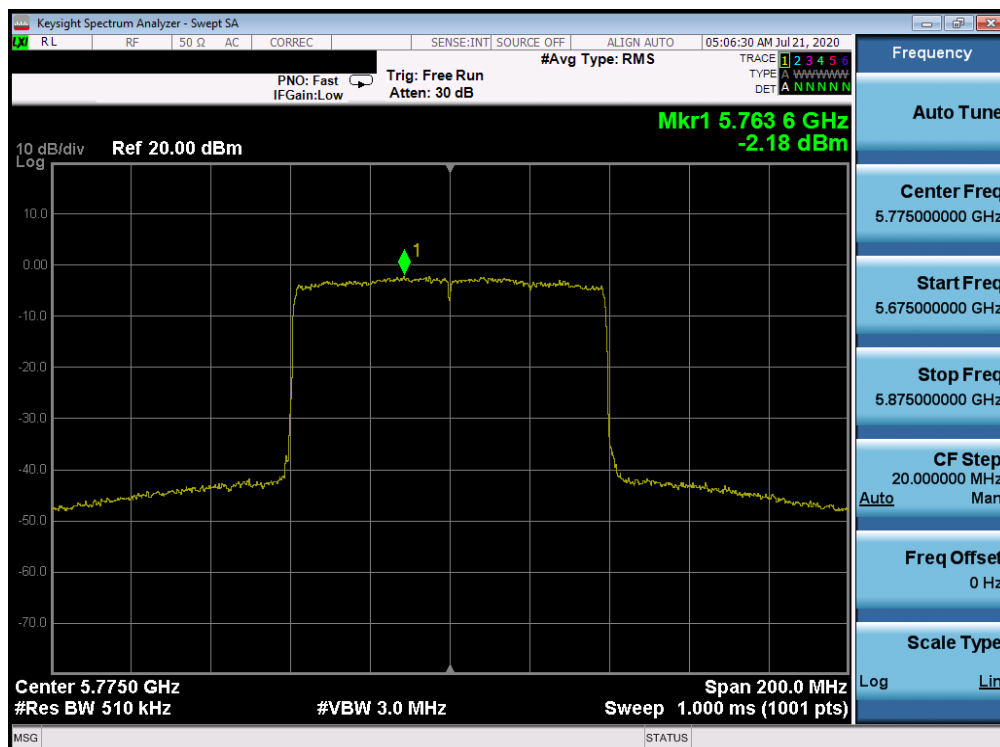


Plot 7-310. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 215 of 591



Plot 7-311. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 3) – Ch. 155)



Plot 7-312. Power Spectral Density Plot ANT WF8 (80MHz BW 802.11ax – RU996 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 216 of 591