FCC Antenna 1b 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	16.50	23.98	-7.48
	5200	40	AVG	242	61	20.00	23.98	-3.98
	5240	48	AVG	242	61	20.00	23.98	-3.98
	5260	52	AVG	242	61	20.00	23.76	-3.76
	5300	60	AVG	242	61	20.00	23.76	-3.76
	5320	64	AVG	242	61	16.50	23.76	-7.26
	5500	100	AVG	242	61	15.50	23.73	-8.23
	5520	104	AVG	242	61	18.45	23.73	-5.28
	5540	108	AVG	242	61	19.96	23.73	-3.77
	5580	116	AVG	242	61	19.93	23.73	-3.80
	5660	132	AVG	242	61	20.00	23.73	-3.73
	5680	136	AVG	242	61	19.00	23.73	-4.73
	5700	140	AVG	242	61	14.00	23.73	-9.73
	5720	144	AVG	242	61	20.00	23.73	-3.73
	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	21.00	30.00	-9.00

Table 7-62. FCC Antenna 1b 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	14.48	23.98	-9.50
	5230	46	AVG	484	65	20.00	23.98	-3.98
	5270	54	AVG	484	65	20.00	23.76	-3.76
	5310	62	AVG	484	65	14.48	23.76	-9.28
	5510	102	AVG	484	65	13.00	23.73	-10.73
	5550	110	AVG	484	65	18.94	23.73	-4.79
	5590	118	AVG	484	65	21.00	23.73	-2.73
	5670	134	AVG	484	65	15.92	23.73	-7.81
	5710	142	AVG	484	65	21.00	23.73	-2.73
	5755	151	AVG	484	65	20.46	23.98	-3.52
	5795	159	AVG	484	65	20.50	23.98	-3.48

Table 7-63. FCC Antenna 1b 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	13.50	23.98	-10.48
	5290	58	AVG	996	67	13.00	23.76	-10.76
	5530	106	AVG	996	67	13.00	23.73	-10.73
	5610	122	AVG	996	67	17.00	23.73	-6.73
	5690	138	AVG	996	67	21.00	23.73	-2.73
	5775	155	AVG	996	67	17.92	23.47	-5.55

Table 7-64. FCC Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

ISED Antenna 1b 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	15.25	-	-	-1.10	14.15	22.77	-8.62
	5200	40	AVG	242	61	15.15	-	-	-1.10	14.05	22.77	-8.72
	5240	48	AVG	242	61	15.18	-	-	-1.10	14.08	22.77	-8.69
	5260	52	AVG	242	61	20.00	23.76	-3.76	-1.20	18.80	29.76	-10.96
	5300	60	AVG	242	61	20.00	23.76	-3.76	-1.20	18.80	29.76	-10.96
	5320	64	AVG	242	61	16.50	23.76	-7.26	-1.20	15.30	29.76	-14.46
	5500	100	AVG	242	61	15.50	23.73	-8.23	-0.50	15.00	29.73	-14.73
	5520	104	AVG	242	61	18.45	23.73	-5.28	-0.50	17.95	29.73	-11.78
	5540	108	AVG	242	61	19.96	23.73	-3.77	-0.50	19.46	29.73	-10.27
	5580	116	AVG	242	61	19.93	23.73	-3.80	-0.50	19.43	29.73	-10.30
	5660	132	AVG	242	61	20.00	23.73	-3.73	-0.50	19.50	29.73	-10.23
	5680	136	AVG	242	61	19.00	23.73	-4.73	-0.50	18.50	29.73	-11.23
	5700	140	AVG	242	61	14.00	23.73	-9.73	-0.50	13.50	29.73	-16.23
	5720	144	AVG	242	61	20.00	23.73	-3.73	-0.50	19.50	29.73	-10.23
	5745	149	AVG	242	61	21.00	30.00	-9.00	-0.80	20.20	-	-
	5785	157	AVG	242	61	21.00	30.00	-9.00	-0.80	20.20	-	-
	5825	165	AVG	242	61	21.00	30.00	-9.00	-0.80	20.20	-	-

Table 7-65. ISED Antenna 1b 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	14.50	-	-	-1.10	13.40	22.77	-9.37
	5230	46	AVG	484	65	17.75	-	-	-1.10	16.65	22.77	-6.12
	5270	54	AVG	484	65	20.00	23.76	-3.76	-1.20	18.80	29.76	-10.96
	5310	62	AVG	484	65	14.48	23.76	-9.28	-1.20	13.28	29.76	-16.48
	5510	102	AVG	484	65	13.00	23.73	-10.73	-0.50	12.50	29.73	-17.23
	5550	110	AVG	484	65	18.94	23.73	-4.79	-0.50	18.44	29.73	-11.29
	5670	134	AVG	484	65	15.92	23.73	-7.81	-0.50	15.42	29.73	-14.31
	5710	142	AVG	484	65	21.00	23.73	-2.73	-0.50	20.50	29.73	-9.23
	5755	151	AVG	484	65	20.46	23.98	-3.52	-0.80	19.66	-	-
	5795	159	AVG	484	65	20.50	23.98	-3.48	-0.80	19.70	-	-

Table 7-66. ISED Antenna 1b 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	13.38	-	-	-1.10	12.28	22.77	-10.49
	5290	58	AVG	996	67	13.00	23.76	-10.76	-1.20	11.80	29.76	-17.96
	5530	106	AVG	996	67	13.00	23.73	-10.73	-0.50	12.50	29.73	-17.23
	5690	138	AVG	996	67	21.00	23.73	-2.73	-0.50	20.50	29.73	-9.23
	5775	155	AVG	996	67	17.92	23.47	-5.55	-0.80	17.12	-	-

Table 7-67. ISED Antenna 1b 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC CDD/SDM Primary Conducted Output Power Measurements (RU26)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 2a	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	26	0	8.50	7.56	11.07	23.98	-12.91
			CDD	AVG	26	4	9.00	7.87	11.48	23.98	-12.50
			CDD	AVG	26	8	8.72	7.63	11.22	23.98	-12.76
	5200	40	CDD	AVG	26	0	8.50	7.41	11.00	23.98	-12.98
			CDD	AVG	26	4	9.00	8.00	11.54	23.98	-12.44
			CDD	AVG	26	8	8.56	7.52	11.08	23.98	-12.90
	5240	48	CDD	AVG	26	0	8.52	7.21	10.92	23.98	-13.06
			CDD	AVG	26	4	9.00	7.78	11.44	23.98	-12.54
			CDD	AVG	26	8	8.53	7.46	11.04	23.98	-12.94
	5260	52	CDD	AVG	26	0	8.49	7.31	10.95	23.76	-12.81
			CDD	AVG	26	4	8.99	7.87	11.48	23.76	-12.28
			CDD	AVG	26	8	8.45	7.46	10.99	23.76	-12.77
	5300	60	CDD	AVG	26	0	8.48	7.20	10.90	23.76	-12.86
			CDD	AVG	26	4	9.00	7.86	11.48	23.76	-12.28
			CDD	AVG	26	8	8.46	7.35	10.95	23.76	-12.81
	5320	64	CDD	AVG	26	0	8.50	7.27	10.94	23.76	-12.82
			CDD	AVG	26	4	8.95	7.90	11.47	23.76	-12.29
			CDD	AVG	26	8	8.33	7.32	10.86	23.76	-12.90
	5500	100	CDD	AVG	26	0	8.38	7.34	10.90	23.73	-12.83
			CDD	AVG	26	4	8.84	7.90	11.41	23.73	-12.32
			CDD	AVG	26	8	8.25	7.43	10.87	23.73	-12.86
	5580	116	CDD	AVG	26	0	8.66	7.27	11.03	23.73	-12.70
			CDD	AVG	26	4	8.98	7.78	11.43	23.73	-12.30
			CDD	AVG	26	8	8.53	7.35	10.99	23.73	-12.74
	5720	144	CDD	AVG	26	0	8.46	7.47	11.00	23.73	-12.73
			CDD	AVG	26	4	8.97	7.88	11.47	23.73	-12.26
			CDD	AVG	26	8	8.55	7.32	10.99	23.73	-12.74
	5745	149	CDD	AVG	26	0	20.48	19.48	23.02	30.00	-6.98
			CDD	AVG	26	4	20.94	19.90	23.46	30.00	-6.54
			CDD	AVG	26	8	20.60	19.35	23.03	30.00	-6.97
	5785	157	CDD	AVG	26	0	20.50	19.68	23.12	30.00	-6.88
			CDD	AVG	26	4	20.92	20.00	23.49	30.00	-6.51
			CDD	AVG	26	8	20.63	19.60	23.16	30.00	-6.84
	5825	165	CDD	AVG	26	0	20.47	19.62	23.08	30.00	-6.92
			CDD	AVG	26	4	20.91	19.87	23.43	30.00	-6.57
			CDD	AVG	26	8	20.52	19.50	23.05	30.00	-6.95

Table 7-68. FCC CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 2a	Summed		
5GHz (40MHz Bandwidth)	5190	38	CDD	AVG	26	0	7.96	6.88	10.46	23.98	-13.52
			CDD	AVG	26	8	9.00	8.00	11.54	23.98	-12.44
			CDD	AVG	26	17	8.20	7.20	10.74	23.98	-13.24
	5230	46	CDD	AVG	26	0	7.92	6.84	10.42	23.98	-13.56
			CDD	AVG	26	8	9.00	8.00	11.54	23.98	-12.44
			CDD	AVG	26	17	8.33	7.10	10.77	23.98	-13.21
	5270	54	CDD	AVG	26	0	8.00	6.75	10.43	23.76	-13.33
			CDD	AVG	26	8	9.00	7.95	11.52	23.76	-12.24
			CDD	AVG	26	17	8.15	7.08	10.66	23.76	-13.10
	5310	62	CDD	AVG	26	0	7.89	6.80	10.39	23.76	-13.37
			CDD	AVG	26	8	9.00	8.00	11.54	23.76	-12.22
			CDD	AVG	26	17	8.11	7.14	10.66	23.76	-13.10
	5510	102	CDD	AVG	26	0	7.94	7.07	10.54	23.73	-13.19
			CDD	AVG	26	8	8.91	7.93	11.46	23.73	-12.27
			CDD	AVG	26	17	8.14	7.29	10.75	23.73	-12.98
	5550	110	CDD	AVG	26	0	8.04	6.95	10.54	23.73	-13.19
			CDD	AVG	26	8	9.00	8.00	11.54	23.73	-12.19
			CDD	AVG	26	17	8.16	7.11	10.68	23.73	-13.05
	5710	142	CDD	AVG	26	0	7.75	7.11	10.45	23.73	-13.28
			CDD	AVG	26	8	8.96	7.95	11.49	23.73	-12.24
			CDD	AVG	26	17	8.00	7.16	10.61	23.73	-13.12
	5755	151	CDD	AVG	26	0	19.58	18.99	22.31	23.98	-1.67
			CDD	AVG	26	8	20.50	19.43	23.01	23.98	-0.97
			CDD	AVG	26	17	19.84	18.89	22.40	23.98	-1.58
	5795	159	CDD	AVG	26	0	19.67	19.07	22.39	23.98	-1.59
			CDD	AVG	26	8	20.50	19.39	22.99	23.98	-0.99
			CDD	AVG	26	17	19.83	19.06	22.47	23.98	-1.51

Table 7-69. FCC CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 2a	Summed		
5GHz (80MHz Bandwidth)	5210	42	CDD	AVG	26	0	8.39	7.11	10.81	23.98	-13.17
			CDD	AVG	26	18	9.00	8.00	11.54	23.98	-12.44
			CDD	AVG	26	36	8.59	7.34	11.02	23.98	-12.96
	5290	58	CDD	AVG	26	0	8.41	7.24	10.87	23.76	-12.89
			CDD	AVG	26	18	9.00	8.00	11.54	23.76	-12.22
			CDD	AVG	26	36	8.30	7.35	10.86	23.76	-12.90
	5530	106	CDD	AVG	26	0	8.11	7.10	10.64	23.73	-13.09
			CDD	AVG	26	18	9.00	8.00	11.54	23.73	-12.19
			CDD	AVG	26	36	8.28	7.40	10.87	23.73	-12.86
	5610	122	CDD	AVG	26	0	7.85	7.06	10.48	23.73	-13.25
			CDD	AVG	26	18	9.00	8.00	11.54	23.73	-12.19
			CDD	AVG	26	36	8.25	6.94	10.65	23.73	-13.08
	5690	138	CDD	AVG	26	0	8.00	7.36	10.70	23.73	-13.03
			CDD	AVG	26	18	9.00	8.00	11.54	23.73	-12.19
			CDD	AVG	26	36	8.13	7.07	10.64	23.73	-13.09
	5775	155	CDD	AVG	26	0	16.42	15.37	18.94	23.47	-4.53
			CDD	AVG	26	18	17.00	16.00	19.54	23.47	-3.93
			CDD	AVG	26	36	16.58	15.25	18.98	23.47	-4.49

Table 7-70. FCC CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

ISED CDD/SDM Primary Conducted Output Power Measurements (RU26)

	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]
							Antenna 2b	Antenna 2a	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	26	0	4.28	3.32	6.84	-	-	1.42	8.26	22.77	-14.51
			SDM	AVG	26	4	4.89	3.82	7.40	-	-	1.42	8.82	22.77	-13.95
			SDM	AVG	26	8	4.27	3.39	6.86	-	-	1.42	8.28	22.77	-14.49
	5200	40	SDM	AVG	26	0	4.38	3.30	6.88	-	-	1.42	8.30	22.77	-14.47
			SDM	AVG	26	4	4.80	3.91	7.39	-	-	1.42	8.81	22.77	-13.96
			SDM	AVG	26	8	4.36	3.35	6.89	-	-	1.42	8.31	22.77	-14.46
	5240	48	SDM	AVG	26	0	4.39	3.13	6.82	-	-	1.42	8.24	22.77	-14.53
			SDM	AVG	26	4	4.87	3.79	7.37	-	-	1.42	8.79	22.77	-13.98
			SDM	AVG	26	8	4.33	3.32	6.86	-	-	1.42	8.28	22.77	-14.49
	5260	52	CDD	AVG	26	0	8.49	7.31	10.95	23.76	-12.81	4.58	15.53	29.76	-14.23
			CDD	AVG	26	4	8.99	7.87	11.48	23.76	-12.28	4.58	16.06	29.76	-13.70
			CDD	AVG	26	8	8.45	7.46	10.99	23.76	-12.77	4.58	15.57	29.76	-14.19
	5300	60	CDD	AVG	26	0	8.48	7.20	10.90	23.76	-12.86	4.58	15.48	29.76	-14.28
			CDD	AVG	26	4	9.00	7.86	11.48	23.76	-12.28	4.58	16.06	29.76	-13.70
			CDD	AVG	26	8	8.46	7.35	10.95	23.76	-12.81	4.58	15.53	29.76	-14.23
	5320	64	CDD	AVG	26	0	8.50	7.27	10.94	23.76	-12.82	4.58	15.52	29.76	-14.24
			CDD	AVG	26	4	8.95	7.90	11.47	23.76	-12.29	4.58	16.05	29.76	-13.71
			CDD	AVG	26	8	8.33	7.32	10.86	23.76	-12.90	4.58	15.44	29.76	-14.32
	5500	100	CDD	AVG	26	0	8.38	7.34	10.90	23.73	-12.83	3.57	14.47	29.73	-15.25
			CDD	AVG	26	4	8.84	7.90	11.41	23.73	-12.32	3.57	14.98	29.73	-14.74
			CDD	AVG	26	8	8.25	7.43	10.87	23.73	-12.86	3.57	14.44	29.73	-15.28
	5580	116	CDD	AVG	26	0	8.66	7.27	11.03	23.73	-12.70	3.57	14.60	29.73	-15.12
			CDD	AVG	26	4	8.98	7.78	11.43	23.73	-12.30	3.57	15.00	29.73	-14.72
			CDD	AVG	26	8	8.53	7.35	10.99	23.73	-12.74	3.57	14.56	29.73	-15.16
	5720	144	CDD	AVG	26	0	8.46	7.47	11.00	23.73	-12.73	3.57	14.57	29.73	-15.15
			CDD	AVG	26	4	8.97	7.88	11.47	23.73	-12.26	3.57	15.04	29.73	-14.68
			CDD	AVG	26	8	8.55	7.32	10.99	23.73	-12.74	3.57	14.56	29.73	-15.16
	5745	149	CDD	AVG	26	0	20.48	19.48	23.02	30.00	-6.98	2.88	25.90	-	-
			CDD	AVG	26	4	20.94	19.90	23.46	30.00	-6.54	2.88	26.34	-	-
			CDD	AVG	26	8	20.60	19.35	23.03	30.00	-6.97	2.88	25.91	-	-
	5785	157	CDD	AVG	26	0	20.50	19.68	23.12	30.00	-6.88	2.88	26.00	-	-
			CDD	AVG	26	4	20.92	20.00	23.49	30.00	-6.51	2.88	26.37	-	-
			CDD	AVG	26	8	20.63	19.60	23.16	30.00	-6.84	2.88	26.04	-	-
	5825	165	CDD	AVG	26	0	20.47	19.62	23.08	30.00	-6.92	2.88	25.96	-	-
			CDD	AVG	26	4	20.91	19.87	23.43	30.00	-6.57	2.88	26.31	-	-
			CDD	AVG	26	8	20.52	19.50	23.05	30.00	-6.95	2.88	25.93	-	-

Table 7-71. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

	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]
							Antenna 2b	Antenna 2a	Summed						
5GHz (40MHz Bandwidth)	5190	38	SDM	AVG	26	0	3.98	3.04	6.55	-	-	1.42	7.97	22.77	-14.80
			SDM	AVG	26	8	5.00	4.00	7.54	-	-	1.42	8.96	22.77	-13.81
			SDM	AVG	26	17	4.09	3.09	6.63	-	-	1.42	8.05	22.77	-14.72
	5230	46	SDM	AVG	26	0	3.91	2.74	6.37	-	-	1.42	7.79	22.77	-14.98
			SDM	AVG	26	8	4.93	4.00	7.50	-	-	1.42	8.92	22.77	-13.85
			SDM	AVG	26	17	3.94	3.00	6.51	-	-	1.42	7.93	22.77	-14.84
	5270	54	CDD	AVG	26	0	8.00	6.75	10.43	23.76	-13.33	4.58	15.01	29.76	-14.75
			CDD	AVG	26	8	9.00	7.95	11.52	23.76	-12.24	4.58	16.10	29.76	-13.66
			CDD	AVG	26	17	8.15	7.08	10.66	23.76	-13.10	4.58	15.24	29.76	-14.52
	5310	62	CDD	AVG	26	0	7.89	6.80	10.39	23.76	-13.37	4.58	14.97	29.76	-14.79
			CDD	AVG	26	8	9.00	8.00	11.54	23.76	-12.22	4.58	16.12	29.76	-13.64
			CDD	AVG	26	17	8.11	7.14	10.66	23.76	-13.10	4.58	15.24	29.76	-14.52
	5510	102	CDD	AVG	26	0	7.94	7.07	10.54	23.73	-13.19	3.57	14.11	29.73	-15.61
			CDD	AVG	26	8	8.91	7.93	11.46	23.73	-12.27	3.57	15.03	29.73	-14.69
			CDD	AVG	26	17	8.14	7.29	10.75	23.73	-12.98	3.57	14.32	29.73	-15.40
	5550	110	CDD	AVG	26	0	8.04	6.95	10.54	23.73	-13.19	3.57	14.11	29.73	-15.61
			CDD	AVG	26	8	9.00	8.00	11.54	23.73	-12.19	3.57	15.11	29.73	-14.61
			CDD	AVG	26	17	8.16	7.11	10.68	23.73	-13.05	3.57	14.25	29.73	-15.47
	5710	142	CDD	AVG	26	0	7.75	7.11	10.45	23.73	-13.28	3.57	14.02	29.73	-15.70
			CDD	AVG	26	8	8.96	7.95	11.49	23.73	-12.24	3.57	15.06	29.73	-14.66
			CDD	AVG	26	17	8.00	7.16	10.61	23.73	-13.12	3.57	14.18	29.73	-15.54
	5755	151	CDD	AVG	26	0	19.58	18.99	22.31	23.98	-1.67	2.88	25.19	-	-
			CDD	AVG	26	8	20.50	19.43	23.01	23.98	-0.97	2.88	25.89	-	-
			CDD	AVG	26	17	19.84	18.89	22.40	23.98	-1.58	2.88	25.28	-	-
	5795	159	CDD	AVG	26	0	19.67	19.07	22.39	23.98	-1.59	2.88	25.27	-	-
			CDD	AVG	26	8	20.50	19.39	22.99	23.98	-0.99	2.88	25.87	-	-
			CDD	AVG	26	17	19.83	19.06	22.47	23.98	-1.51	2.88	25.35	-	-

Table 7-72. ISED CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

	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]
							Antenna 2b	Antenna 2a	Summed						
5GHz (80MHz Bandwidth)	5210	42	SDM	AVG	26	0	4.20	3.10	6.70	-	-	1.42	8.12	22.77	-14.65
			SDM	AVG	26	18	5.00	4.00	7.54	-	-	1.42	8.96	22.77	-13.81
			SDM	AVG	26	36	4.20	3.18	6.73	-	-	1.42	8.15	22.77	-14.62
	5290	58	CDD	AVG	26	0	8.41	7.24	10.87	23.76	-12.89	4.58	15.45	29.76	-14.31
			CDD	AVG	26	18	9.00	8.00	11.54	23.76	-12.22	4.58	16.12	29.76	-13.64
			CDD	AVG	26	36	8.30	7.35	10.86	23.76	-12.90	4.58	15.44	29.76	-14.32
	5530	106	CDD	AVG	26	0	8.11	7.10	10.64	23.73	-13.09	3.57	14.21	29.73	-15.51
			CDD	AVG	26	18	9.00	8.00	11.54	23.73	-12.19	3.57	15.11	29.73	-14.61
			CDD	AVG	26	36	8.28	7.40	10.87	23.73	-12.86	3.57	14.44	29.73	-15.28
	5690	138	CDD	AVG	26	0	8.00	7.36	10.70	23.73	-13.03	3.57	14.27	29.73	-15.45
			CDD	AVG	26	18	9.00	8.00	11.54	23.73	-12.19	3.57	15.11	29.73	-14.61
			CDD	AVG	26	36	8.13	7.07	10.64	23.73	-13.09	3.57	14.21	29.73	-15.51
	5775	155	CDD	AVG	26	0	16.42	15.37	18.94	23.47	-4.53	2.88	21.82	-	-
			CDD	AVG	26	18	17.00	16.00	19.54	23.47	-3.93	2.88	22.42	-	-
			CDD	AVG	26	36	16.58	15.25	18.98	23.47	-4.49	2.88	21.86	-	-

Table 7-73. ISED CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

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

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 2a	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	106	53	14.91	13.93	17.46	23.98	-6.52
			CDD	AVG	106	54	15.00	14.00	17.54	23.98	-6.44
	5200	40	CDD	AVG	106	53	15.00	13.95	17.52	23.98	-6.46
			CDD	AVG	106	54	15.00	14.00	17.54	23.98	-6.44
	5240	48	CDD	AVG	106	53	15.00	14.00	17.54	23.98	-6.44
			CDD	AVG	106	54	15.00	13.97	17.53	23.98	-6.45
	5260	52	CDD	AVG	106	53	14.95	13.91	17.47	23.76	-6.29
			CDD	AVG	106	54	15.00	13.96	17.52	23.76	-6.24
	5300	60	CDD	AVG	106	53	15.00	13.92	17.50	23.76	-6.26
			CDD	AVG	106	54	14.95	13.92	17.48	23.76	-6.28
	5320	64	CDD	AVG	106	53	15.00	13.97	17.53	23.76	-6.23
			CDD	AVG	106	54	14.98	14.00	17.53	23.76	-6.23
	5500	100	CDD	AVG	106	53	15.00	13.91	17.50	23.73	-6.23
			CDD	AVG	106	54	15.00	13.92	17.50	23.73	-6.23
	5520	104	CDD	AVG	106	53	14.98	13.90	17.48	23.73	-6.25
			CDD	AVG	106	54	14.97	13.96	17.50	23.73	-6.23
	5580	116	CDD	AVG	106	53	15.00	13.92	17.50	23.73	-6.23
			CDD	AVG	106	54	15.00	13.94	17.51	23.73	-6.22
	5680	136	CDD	AVG	106	53	15.00	13.87	17.48	23.73	-6.25
			CDD	AVG	106	54	15.00	14.00	17.54	23.73	-6.19
	5700	140	CDD	AVG	106	53	12.87	12.00	15.47	23.73	-8.26
			CDD	AVG	106	54	12.95	11.97	15.50	23.73	-8.23
	5720	144	CDD	AVG	106	53	15.00	13.91	17.50	23.73	-6.23
			CDD	AVG	106	54	15.00	13.94	17.51	23.73	-6.22
	5745	149	CDD	AVG	106	53	21.00	20.00	23.54	30.00	-6.46
			CDD	AVG	106	54	21.00	20.00	23.54	30.00	-6.46
	5785	157	CDD	AVG	106	53	20.94	19.93	23.47	30.00	-6.53
			CDD	AVG	106	54	21.00	19.90	23.50	30.00	-6.50
	5825	165	CDD	AVG	106	53	21.00	20.00	23.54	30.00	-6.46
			CDD	AVG	106	54	21.00	20.00	23.54	30.00	-6.46

Table 7-74. FCC CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power (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]
							Antenna 2b	Antenna 2a	Summed		
	5190	38	CDD	AVG	242	61	13.43	12.57	16.03	23.98	-7.95
			CDD	AVG	242	62	13.75	12.70	16.27	23.98	-7.71
	5230	46	CDD	AVG	242	61	16.95	15.92	19.48	23.98	-4.50
			CDD	AVG	242	62	17.00	16.00	19.54	23.98	-4.44
	5270	54	CDD	AVG	242	61	16.67	15.88	19.30	23.76	-4.46
			CDD	AVG	242	62	16.95	16.00	19.51	23.76	-4.25
	5310	62	CDD	AVG	242	61	13.59	12.72	16.19	23.76	-7.57
			CDD	AVG	242	62	13.75	12.75	16.29	23.76	-7.47
	5510	102	CDD	AVG	242	61	12.17	11.27	14.75	23.73	-8.98
			CDD	AVG	242	62	12.36	11.50	14.96	23.73	-8.77
	5550	110	CDD	AVG	242	61	16.80	15.95	19.41	23.73	-4.32
			CDD	AVG	242	62	17.00	16.00	19.54	23.73	-4.19
	5590	118	CDD	AVG	242	61	16.70	15.93	19.34	23.73	-4.39
			CDD	AVG	242	62	16.95	15.98	19.50	23.73	-4.23
	5670	134	CDD	AVG	242	63	14.29	13.40	16.88	23.73	-6.85
			CDD	AVG	242	64	14.50	13.48	17.03	23.73	-6.70
	5710	142	CDD	AVG	106	53	14.45	13.61	17.06	23.73	-6.67
			CDD	AVG	106	54	15.00	14.00	17.54	23.73	-6.19
			CDD	AVG	106	56	14.63	13.64	17.17	23.73	-6.56
	5755	151	CDD	AVG	242	61	20.50	19.45	23.02	23.98	-0.96
			CDD	AVG	242	62	20.50	19.44	23.01	23.98	-0.97
	5795	159	CDD	AVG	242	61	20.46	19.44	22.99	23.98	-0.99
			CDD	AVG	242	62	20.50	19.48	23.03	23.98	-0.95

Table 7-75. FCC CDD/SDM Primary 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]
							Antenna 2b	Antenna 2a	Summed		
	5210	42	CDD	AVG	484	65	12.95	11.75	15.40	23.98	-8.58
			CDD	AVG	484	66	13.00	11.96	15.52	23.98	-8.46
	5290	58	CDD	AVG	484	65	12.21	11.41	14.84	23.76	-8.92
			CDD	AVG	484	66	12.40	11.47	14.97	23.76	-8.79
	5530	106	CDD	AVG	484	65	12.36	11.42	14.93	23.73	-8.80
			CDD	AVG	484	66	12.47	11.44	15.00	23.73	-8.73
	5610	122	CDD	AVG	484	65	16.17	15.46	18.84	23.73	-4.89
			CDD	AVG	484	66	16.42	15.49	18.99	23.73	-4.74
	5690	138	CDD	AVG	106	53	14.73	13.99	17.39	23.73	-6.34
			CDD	AVG	106	56	15.00	14.00	17.54	23.73	-6.19
			CDD	AVG	106	60	14.97	13.65	17.37	23.73	-6.36
	5775	155	CDD	AVG	484	65	17.00	16.00	19.54	23.47	-3.93
			CDD	AVG	484	66	17.00	16.00	19.54	23.47	-3.93

Table 7-76. FCC CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

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

	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]
							Antenna 2b	Antenna 2a	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	106	53	10.94	9.92	13.47	-	-	1.42	14.89	22.77	-7.88
			SDM	AVG	106	54	10.98	9.93	13.50	-	-	1.42	14.92	22.77	-7.85
	5200	40	SDM	AVG	106	53	11.00	9.76	13.43	-	-	1.42	14.85	22.77	-7.92
			SDM	AVG	106	54	10.94	9.82	13.43	-	-	1.42	14.85	22.77	-7.92
	5240	48	SDM	AVG	106	53	10.95	9.86	13.45	-	-	1.42	14.87	22.77	-7.90
			SDM	AVG	106	54	10.95	9.88	13.46	-	-	1.42	14.88	22.77	-7.89
	5260	52	CDD	AVG	106	53	14.95	13.91	17.47	23.76	-6.29	4.58	22.05	29.76	-7.71
			CDD	AVG	106	54	15.00	13.96	17.52	23.76	-6.24	4.58	22.10	29.76	-7.66
	5300	60	CDD	AVG	106	53	15.00	13.92	17.50	23.76	-6.26	4.58	22.08	29.76	-7.68
			CDD	AVG	106	54	14.95	13.92	17.48	23.76	-6.28	4.58	22.06	29.76	-7.70
	5320	64	CDD	AVG	106	53	15.00	13.97	17.53	23.76	-6.23	4.58	22.11	29.76	-7.65
			CDD	AVG	106	54	14.98	14.00	17.53	23.76	-6.23	4.58	22.11	29.76	-7.65
	5500	100	CDD	AVG	106	53	15.00	13.91	17.50	23.73	-6.23	3.57	21.07	29.73	-8.65
			CDD	AVG	106	54	15.00	13.92	17.50	23.73	-6.23	3.57	21.07	29.73	-8.65
	5520	104	CDD	AVG	106	53	14.98	13.90	17.48	23.73	-6.25	3.57	21.05	29.73	-8.67
			CDD	AVG	106	54	14.97	13.96	17.50	23.73	-6.23	3.57	21.07	29.73	-8.65
	5580	116	CDD	AVG	106	53	15.00	13.92	17.50	23.73	-6.23	3.57	21.07	29.73	-8.65
			CDD	AVG	106	54	15.00	13.94	17.51	23.73	-6.22	3.57	21.08	29.73	-8.64
	5680	136	CDD	AVG	106	53	15.00	13.87	17.48	23.73	-6.25	3.57	21.05	29.73	-8.67
			CDD	AVG	106	54	15.00	14.00	17.54	23.73	-6.19	3.57	21.11	29.73	-8.61
	5700	140	CDD	AVG	106	53	12.87	12.00	15.47	23.73	-8.26	3.57	19.04	29.73	-10.68
			CDD	AVG	106	54	12.95	11.97	15.50	23.73	-8.23	3.57	19.07	29.73	-10.65
	5720	144	CDD	AVG	106	53	15.00	13.91	17.50	23.73	-6.23	3.57	21.07	29.73	-8.65
			CDD	AVG	106	54	15.00	13.94	17.51	23.73	-6.22	3.57	21.08	29.73	-8.64
	5745	149	CDD	AVG	106	53	21.00	20.00	23.54	30.00	-6.46	2.88	26.42	-	-
			CDD	AVG	106	54	21.00	20.00	23.54	30.00	-6.46	2.88	26.42	-	-
	5785	157	CDD	AVG	106	53	20.94	19.93	23.47	30.00	-6.53	2.88	26.35	-	-
			CDD	AVG	106	54	21.00	19.90	23.50	30.00	-6.50	2.88	26.38	-	-
	5825	165	CDD	AVG	106	53	21.00	20.00	23.54	30.00	-6.46	2.88	26.42	-	-
			CDD	AVG	106	54	21.00	20.00	23.54	30.00	-6.46	2.88	26.42	-	-

Table 7-77. ISED CDD/SDM Primary 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

	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]
							Antenna 2b	Antenna 2a	Summed						
5GHz (40MHz Bandwidth)	5190	38	SDM	AVG	242	61	13.18	12.37	15.80	-	-	1.42	17.23	22.77	-5.54
			SDM	AVG	242	62	13.50	12.50	16.04	-	-	1.42	17.46	22.77	-5.31
	5230	46	SDM	AVG	242	61	13.45	12.42	15.98	-	-	1.42	17.40	22.77	-5.37
			SDM	AVG	242	62	13.50	12.50	16.04	-	-	1.42	17.46	22.77	-5.31
	5270	54	CDD	AVG	242	61	16.67	15.88	19.30	23.76	-4.46	4.58	23.88	29.76	-5.88
			CDD	AVG	242	62	16.95	16.00	19.51	23.76	-4.25	4.58	24.09	29.76	-5.67
	5310	62	CDD	AVG	242	61	13.59	12.72	16.19	23.76	-7.57	4.58	20.77	29.76	-8.99
			CDD	AVG	242	62	13.75	12.75	16.29	23.76	-7.47	4.58	20.87	29.76	-8.89
	5510	102	CDD	AVG	242	61	12.17	11.27	14.75	23.73	-8.98	3.57	18.32	29.73	-11.40
			CDD	AVG	242	62	12.36	11.50	14.96	23.73	-8.77	3.57	18.53	29.73	-11.19
	5550	110	CDD	AVG	242	61	16.80	15.95	19.41	23.73	-4.32	3.57	22.98	29.73	-6.74
			CDD	AVG	242	62	17.00	16.00	19.54	23.73	-4.19	3.57	23.11	29.73	-6.61
	5670	134	CDD	AVG	242	63	14.29	13.40	16.88	23.73	-6.85	3.57	20.45	29.73	-9.27
			CDD	AVG	242	64	14.50	13.48	17.03	23.73	-6.70	3.57	20.60	29.73	-9.12
	5710	142	CDD	AVG	106	53	14.45	13.61	17.06	23.73	-6.67	3.57	20.63	29.73	-9.09
			CDD	AVG	106	54	15.00	14.00	17.54	23.73	-6.19	3.57	21.11	29.73	-8.61
			CDD	AVG	106	56	14.63	13.64	17.17	23.73	-6.56	3.57	20.74	29.73	-8.98
	5755	151	CDD	AVG	242	61	20.50	19.45	23.02	23.98	-0.96	2.88	25.90	-	-
			CDD	AVG	242	62	20.50	19.44	23.01	23.98	-0.97	2.88	25.89	-	-
	5795	159	CDD	AVG	242	61	20.46	19.44	22.99	23.98	-0.99	2.88	25.87	-	-
			CDD	AVG	242	62	20.50	19.48	23.03	23.98	-0.95	2.88	25.91	-	-

Table 7-78. ISED CDD/SDM Primary 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

	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]
							Antenna 2b	Antenna 2a	Summed						
5GHz (80MHz Bandwidth)	5210	42	CDD	AVG	484	65	12.95	11.75	15.40	-	-	4.32	19.72	22.77	-3.04
			CDD	AVG	484	66	13.00	11.96	15.52	-	-	4.32	19.84	22.77	-2.93
	5290	58	CDD	AVG	484	65	12.21	11.41	14.84	23.76	-8.92	4.58	19.42	29.76	-10.34
			CDD	AVG	484	66	12.40	11.47	14.97	23.76	-8.79	4.58	19.55	29.76	-10.21
	5530	106	CDD	AVG	484	65	12.36	11.42	14.93	23.73	-8.80	3.57	18.50	29.73	-11.22
			CDD	AVG	484	66	12.47	11.44	15.00	23.73	-8.73	3.57	18.57	29.73	-11.15
	5690	138	CDD	AVG	106	53	14.73	13.99	17.39	23.73	-6.34	3.57	20.96	29.73	-8.76
			CDD	AVG	106	56	15.00	14.00	17.54	23.73	-6.19	3.57	21.11	29.73	-8.61
			CDD	AVG	106	60	14.97	13.65	17.37	23.73	-6.36	3.57	20.94	29.73	-8.78
	5775	155	CDD	AVG	484	65	17.00	16.00	19.54	23.47	-3.93	2.88	22.42	-	-
			CDD	AVG	484	66	17.00	16.00	19.54	23.47	-3.93	2.88	22.42	-	-

Table 7-79. ISED CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC CDD/SDM Primary 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]
							Antenna 2b	Antenna 2a	Summed		
	5180	36	CDD	AVG	242	61	15.74	14.69	18.26	23.98	-5.72
	5200	40	CDD	AVG	242	61	16.97	15.92	19.49	23.98	-4.49
	5240	48	CDD	AVG	242	61	17.00	15.94	19.51	23.98	-4.47
	5260	52	CDD	AVG	242	61	17.00	16.00	19.54	23.76	-4.22
	5300	60	CDD	AVG	242	61	17.00	15.97	19.53	23.76	-4.23
	5320	64	CDD	AVG	242	61	15.75	14.75	18.29	23.76	-5.47
	5500	100	CDD	AVG	242	61	15.00	13.94	17.51	23.73	-6.22
	5520	104	CDD	AVG	242	61	16.97	16.00	19.52	23.73	-4.21
	5540	108	CDD	AVG	242	61	17.00	16.00	19.54	23.73	-4.19
	5580	116	CDD	AVG	242	61	17.00	15.99	19.53	23.73	-4.20
	5660	132	CDD	AVG	242	61	16.95	16.00	19.51	23.73	-4.22
	5680	136	CDD	AVG	242	61	16.47	15.50	19.02	23.73	-4.71
	5700	140	CDD	AVG	242	61	12.91	12.00	15.49	23.73	-8.24
	5720	144	CDD	AVG	242	61	16.99	16.00	19.53	23.73	-4.20
	5745	149	CDD	AVG	242	61	20.94	19.97	23.49	30.00	-6.51
	5785	157	CDD	AVG	242	61	20.98	20.00	23.53	30.00	-6.47
	5825	165	CDD	AVG	242	61	21.00	19.95	23.52	30.00	-6.48

Table 7-80. FCC CDD/SDM Primary 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]
							Antenna 2b	Antenna 2a	Summed		
	5190	38	CDD	AVG	484	65	13.75	12.61	16.23	23.98	-7.75
	5230	46	CDD	AVG	484	65	18.94	18.00	21.51	23.98	-2.47
	5270	54	CDD	AVG	484	65	19.00	17.96	21.52	23.76	-2.24
	5310	62	CDD	AVG	484	65	13.61	12.67	16.18	23.76	-7.58
	5510	102	CDD	AVG	484	65	12.50	11.50	15.04	23.73	-8.69
	5550	110	CDD	AVG	484	65	17.93	16.96	20.48	23.73	-3.25
	5590	118	CDD	AVG	484	65	18.99	18.00	21.53	23.73	-2.20
	5670	134	CDD	AVG	484	65	14.44	13.50	17.01	23.73	-6.72
	5710	142	CDD	AVG	484	65	19.50	18.50	22.04	23.73	-1.69
	5755	151	CDD	AVG	484	65	20.50	19.50	23.04	23.98	-0.94
	5795	159	CDD	AVG	484	65	20.50	19.50	23.04	23.98	-0.94

Table 7-81. FCC CDD/SDM Primary 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]
							Antenna 2b	Antenna 2a	Summed		
	5210	42	CDD	AVG	996	67	13.00	12.00	15.54	23.98	-8.44
	5290	58	CDD	AVG	996	67	12.45	11.38	14.96	23.76	-8.80
	5530	106	CDD	AVG	996	67	12.49	11.50	15.03	23.73	-8.70
	5610	122	CDD	AVG	996	67	16.50	15.35	18.97	23.73	-4.76
	5690	138	CDD	AVG	996	67	20.00	19.00	22.54	23.73	-1.19
	5775	155	CDD	AVG	996	67	17.00	15.85	19.47	23.47	-4.00

Table 7-82. FCC CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

ISED CDD/SDM Primary 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]
							Antenna 2b	Antenna 2a	Summed						
	5180	36	SDM	AVG	242	61	13.50	12.50	16.04	-	-	1.42	17.46	22.77	-5.31
	5200	40	SDM	AVG	242	61	13.36	12.34	15.89	-	-	1.42	17.31	22.77	-5.46
	5240	48	SDM	AVG	242	61	13.50	12.33	15.96	-	-	1.42	17.38	22.77	-5.39
	5260	52	CDD	AVG	242	61	17.00	16.00	19.54	23.76	-4.22	4.58	24.12	29.76	-5.64
	5300	60	CDD	AVG	242	61	17.00	15.97	19.53	23.76	-4.23	4.58	24.11	29.76	-5.65
	5320	64	CDD	AVG	242	61	15.75	14.75	18.29	23.76	-5.47	4.58	22.87	29.76	-6.89
	5500	100	CDD	AVG	242	61	15.00	13.94	17.51	23.73	-6.22	3.57	21.08	29.73	-8.64
	5520	104	CDD	AVG	242	61	16.97	16.00	19.52	23.73	-4.21	3.57	23.09	29.73	-6.63
	5540	108	CDD	AVG	242	61	17.00	16.00	19.54	23.73	-4.19	3.57	23.11	29.73	-6.61
	5580	116	CDD	AVG	242	61	17.00	15.99	19.53	23.73	-4.20	3.57	23.10	29.73	-6.62
	5660	132	CDD	AVG	242	61	16.95	16.00	19.51	23.73	-4.22	3.57	23.08	29.73	-6.64
	5680	136	CDD	AVG	242	61	16.47	15.50	19.02	23.73	-4.71	3.57	22.59	29.73	-7.13
	5700	140	CDD	AVG	242	61	12.91	12.00	15.49	23.73	-8.24	3.57	19.06	29.73	-10.66
	5720	144	CDD	AVG	242	61	16.99	16.00	19.53	23.73	-4.20	3.57	23.10	29.73	-6.62
	5745	149	CDD	AVG	242	61	20.94	19.97	23.49	30.00	-6.51	2.88	26.37	-	-
	5785	157	CDD	AVG	242	61	20.98	20.00	23.53	30.00	-6.47	2.88	26.41	-	-
	5825	165	CDD	AVG	242	61	21.00	19.95	23.52	30.00	-6.48	2.88	26.40	-	-

Table 7-83. ISED CDD/SDM Primary 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]
							Antenna 2b	Antenna 2a	Summed						
	5190	38	SDM	AVG	484	65	13.71	12.69	16.24	-	-	1.42	17.66	22.77	-5.11
	5230	46	SDM	AVG	484	65	16.00	14.89	18.49	-	-	1.42	19.91	22.77	-2.86
	5270	54	CDD	AVG	484	65	19.00	17.96	21.52	23.76	-2.24	4.58	26.10	29.76	-3.66
	5310	62	CDD	AVG	484	65	13.61	12.67	16.18	23.76	-7.58	4.58	20.76	29.76	-9.00
	5510	102	CDD	AVG	484	65	12.50	11.50	15.04	23.73	-8.69	3.57	18.61	29.73	-11.11
	5550	110	CDD	AVG	484	65	17.93	16.96	20.48	23.73	-3.25	3.57	24.05	29.73	-5.67
	5670	134	CDD	AVG	484	65	14.44	13.50	17.01	23.73	-6.72	3.57	20.58	29.73	-9.14
	5710	142	CDD	AVG	484	65	19.50	18.50	22.04	23.73	-1.69	3.57	25.61	29.73	-4.11
	5755	151	CDD	AVG	484	65	20.50	19.50	23.04	23.98	-0.94	2.88	25.92	-	-
	5795	159	CDD	AVG	484	65	20.50	19.50	23.04	23.98	-0.94	2.88	25.92	-	-

Table 7-84. ISED CDD/SDM Primary 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]
							Antenna 2b	Antenna 2a	Summed						
	5210	42	SDM	AVG	996	67	13.00	11.98	15.53	-	-	1.42	16.95	22.77	-5.82
	5290	58	CDD	AVG	996	67	12.45	11.38	14.96	23.76	-8.80	4.58	19.54	29.76	-10.22
	5530	106	CDD	AVG	996	67	12.49	11.50	15.03	23.73	-8.70	3.57	18.60	29.73	-11.12
	5690	138	CDD	AVG	996	67	20.00	19.00	22.54	23.73	-1.19	3.57	26.11	29.73	-3.61
	5775	155	CDD	AVG	996	67	17.00	15.85	19.47	23.47	-4.00	2.88	22.35	-	-

Table 7-85. ISED CDD/SDM Primary 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

FCC CDD/SDM Diversity Conducted Output Power Measurements (RU26)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 1b	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	26	0	8.38	8.52	11.46	23.98	-12.52
			CDD	AVG	26	4	8.90	9.00	11.96	23.98	-12.02
			CDD	AVG	26	8	8.52	8.67	11.61	23.98	-12.37
	5200	40	CDD	AVG	26	0	8.63	8.56	11.61	23.98	-12.37
			CDD	AVG	26	4	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	8	8.70	8.63	11.68	23.98	-12.30
	5240	48	CDD	AVG	26	0	8.34	8.60	11.48	23.98	-12.50
			CDD	AVG	26	4	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	8	8.50	8.86	11.69	23.98	-12.29
	5260	52	CDD	AVG	26	0	8.63	8.43	11.54	23.76	-12.22
			CDD	AVG	26	4	9.00	9.00	12.01	23.76	-11.75
			CDD	AVG	26	8	8.70	8.60	11.66	23.76	-12.10
	5300	60	CDD	AVG	26	0	8.60	8.41	11.52	23.76	-12.24
			CDD	AVG	26	4	9.00	9.00	12.01	23.76	-11.75
			CDD	AVG	26	8	8.63	8.65	11.65	23.76	-12.11
	5320	64	CDD	AVG	26	0	8.30	8.36	11.34	23.76	-12.42
			CDD	AVG	26	4	9.00	9.00	12.01	23.76	-11.75
			CDD	AVG	26	8	8.60	8.50	11.56	23.76	-12.20
	5500	100	CDD	AVG	26	0	8.60	8.48	11.55	23.73	-12.18
			CDD	AVG	26	4	9.00	9.00	12.01	23.73	-11.72
			CDD	AVG	26	8	8.63	8.56	11.61	23.73	-12.12
	5580	116	CDD	AVG	26	0	8.64	8.37	11.52	23.73	-12.21
			CDD	AVG	26	4	9.00	9.00	12.01	23.73	-11.72
			CDD	AVG	26	8	8.55	8.35	11.46	23.73	-12.27
	5720	144	CDD	AVG	26	0	8.50	8.60	11.56	23.73	-12.17
			CDD	AVG	26	4	9.00	9.00	12.01	23.73	-11.72
			CDD	AVG	26	8	8.60	8.55	11.59	23.73	-12.14
	5745	149	CDD	AVG	26	0	20.34	20.66	23.51	30.00	-6.49
			CDD	AVG	26	4	21.00	21.00	24.01	30.00	-5.99
			CDD	AVG	26	8	20.44	20.60	23.53	30.00	-6.47
	5785	157	CDD	AVG	26	0	20.52	20.64	23.59	30.00	-6.41
			CDD	AVG	26	4	21.00	21.00	24.01	30.00	-5.99
			CDD	AVG	26	8	20.57	20.61	23.60	30.00	-6.40
	5825	165	CDD	AVG	26	0	20.54	20.65	23.61	30.00	-6.39
			CDD	AVG	26	4	21.00	21.00	24.01	30.00	-5.99
			CDD	AVG	26	8	20.62	20.54	23.59	30.00	-6.41

Table 7-86. FCC CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power (RU26)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 1b	Summed		
5GHz (40MHz Bandwidth)	5190	38	CDD	AVG	26	0	7.75	7.79	10.78	23.98	-13.20
			CDD	AVG	26	8	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	17	8.00	8.00	11.01	23.98	-12.97
	5230	46	CDD	AVG	26	0	7.76	7.66	10.72	23.98	-13.26
			CDD	AVG	26	8	9.00	9.00	12.01	23.98	-11.97
			CDD	AVG	26	17	8.00	7.90	10.96	23.98	-13.02
	5270	54	CDD	AVG	26	0	7.73	7.80	10.78	23.76	-12.98
			CDD	AVG	26	8	9.00	9.00	12.01	23.76	-11.75
			CDD	AVG	26	17	8.00	8.14	11.08	23.76	-12.68
	5310	62	CDD	AVG	26	0	7.69	7.74	10.73	23.76	-13.03
			CDD	AVG	26	8	9.00	9.00	12.01	23.76	-11.75
			CDD	AVG	26	17	8.00	8.12	11.07	23.76	-12.69
	5510	102	CDD	AVG	26	0	8.00	7.73	10.88	23.73	-12.85
			CDD	AVG	26	8	9.00	8.90	11.96	23.73	-11.77
			CDD	AVG	26	17	8.18	7.95	11.08	23.73	-12.65
	5550	110	CDD	AVG	26	0	8.00	7.87	10.95	23.73	-12.78
			CDD	AVG	26	8	9.00	9.00	12.01	23.73	-11.72
			CDD	AVG	26	17	8.22	8.00	11.12	23.73	-12.61
	5710	142	CDD	AVG	26	0	8.00	8.00	11.01	23.73	-12.72
			CDD	AVG	26	8	9.00	9.00	12.01	23.73	-11.72
			CDD	AVG	26	17	8.40	8.40	11.41	23.73	-12.32
	5755	151	CDD	AVG	26	0	19.57	19.73	22.66	23.98	-1.32
			CDD	AVG	26	8	20.50	20.50	23.51	23.98	-0.47
			CDD	AVG	26	17	19.79	20.07	22.94	23.98	-1.04
	5795	159	CDD	AVG	26	0	16.59	19.66	21.40	23.98	-2.58
			CDD	AVG	26	8	20.50	20.50	23.51	23.98	-0.47
			CDD	AVG	26	17	19.70	19.82	22.77	23.98	-1.21

Table 7-87. FCC CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power (RU26)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 1b	Summed		
5GHz (80MHz Bandwidth)	5210	42	CDD	AVG	26	0	8.25	8.00	11.14	23.98	-12.84
			CDD	AVG	26	18	8.90	8.90	11.91	23.98	-12.07
			CDD	AVG	26	36	8.37	8.14	11.27	23.98	-12.71
	5290	58	CDD	AVG	26	0	8.40	8.00	11.21	23.76	-12.55
			CDD	AVG	26	18	9.00	9.00	12.01	23.76	-11.75
			CDD	AVG	26	36	8.40	8.35	11.39	23.76	-12.37
	5530	106	CDD	AVG	26	0	8.25	8.20	11.24	23.73	-12.49
			CDD	AVG	26	18	9.00	9.00	12.01	23.73	-11.72
			CDD	AVG	26	36	8.42	8.27	11.36	23.73	-12.37
	5610	122	CDD	AVG	26	0	8.22	7.96	11.10	23.73	-12.63
			CDD	AVG	26	18	9.00	9.00	12.01	23.73	-11.72
			CDD	AVG	26	36	8.33	8.00	11.18	23.73	-12.55
	5690	138	CDD	AVG	26	0	8.14	8.17	11.17	23.73	-12.56
			CDD	AVG	26	18	8.90	8.90	11.91	23.73	-11.82
			CDD	AVG	26	36	8.20	8.34	11.28	23.73	-12.45
	5775	155	CDD	AVG	26	0	16.40	15.94	19.19	23.47	-4.28
			CDD	AVG	26	18	17.00	16.90	19.96	23.47	-3.51
			CDD	AVG	26	36	16.52	16.26	19.40	23.47	-4.07

Table 7-88. FCC CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power (RU26)

ISED CDD/SDM Diversity Conducted Output Power Measurements (RU26)

	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]
							Antenna 2b	Antenna 1b	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	26	0	4.29	4.41	7.36	-	-	-0.63	6.73	22.77	-16.04
			SDM	AVG	26	4	4.88	5.00	7.95	-	-	-0.63	7.32	22.77	-15.45
			SDM	AVG	26	8	4.37	4.56	7.48	-	-	-0.63	6.85	22.77	-15.92
	5200	40	SDM	AVG	26	0	4.43	4.50	7.48	-	-	-0.63	6.85	22.77	-15.92
			SDM	AVG	26	4	4.93	5.00	7.98	-	-	-0.63	7.35	22.77	-15.42
			SDM	AVG	26	8	4.33	4.52	7.44	-	-	-0.63	6.81	22.77	-15.96
	5240	48	SDM	AVG	26	0	4.34	4.39	7.38	-	-	-0.63	6.75	22.77	-16.02
			SDM	AVG	26	4	4.95	5.00	7.99	-	-	-0.63	7.36	22.77	-15.41
			SDM	AVG	26	8	4.56	4.59	7.59	-	-	-0.63	6.96	22.77	-15.81
	5260	52	CDD	AVG	26	0	8.63	8.43	11.54	23.76	-12.22	2.43	13.97	29.76	-15.79
			CDD	AVG	26	4	9.00	9.00	12.01	23.76	-11.75	2.43	14.44	29.76	-15.32
			CDD	AVG	26	8	8.70	8.60	11.66	23.76	-12.10	2.43	14.09	29.76	-15.67
	5300	60	CDD	AVG	26	0	8.60	8.41	11.52	23.76	-12.24	2.43	13.95	29.76	-15.81
			CDD	AVG	26	4	9.00	9.00	12.01	23.76	-11.75	2.43	14.44	29.76	-15.32
			CDD	AVG	26	8	8.63	8.65	11.65	23.76	-12.11	2.43	14.08	29.76	-15.68
	5320	64	CDD	AVG	26	0	8.30	8.36	11.34	23.76	-12.42	2.43	13.77	29.76	-15.99
			CDD	AVG	26	4	9.00	9.00	12.01	23.76	-11.75	2.43	14.44	29.76	-15.32
			CDD	AVG	26	8	8.60	8.50	11.56	23.76	-12.20	2.43	13.99	29.76	-15.77
	5500	100	CDD	AVG	26	0	8.60	8.48	11.55	23.73	-12.18	1.75	13.30	29.73	-16.43
			CDD	AVG	26	4	9.00	9.00	12.01	23.73	-11.72	1.75	13.76	29.73	-15.97
			CDD	AVG	26	8	8.63	8.56	11.61	23.73	-12.12	1.75	13.36	29.73	-16.37
	5580	116	CDD	AVG	26	0	8.64	8.37	11.52	23.73	-12.21	1.75	13.27	29.73	-16.46
			CDD	AVG	26	4	9.00	9.00	12.01	23.73	-11.72	1.75	13.76	29.73	-15.97
			CDD	AVG	26	8	8.55	8.35	11.46	23.73	-12.27	1.75	13.21	29.73	-16.52
	5720	144	CDD	AVG	26	0	8.50	8.60	11.56	23.73	-12.17	1.75	13.31	29.73	-16.42
			CDD	AVG	26	4	9.00	9.00	12.01	23.73	-11.72	1.75	13.76	29.73	-15.97
			CDD	AVG	26	8	8.60	8.55	11.59	23.73	-12.14	1.75	13.34	29.73	-16.39
	5745	149	CDD	AVG	26	0	20.34	20.66	23.51	30.00	-6.49	1.96	25.47	-	-
			CDD	AVG	26	4	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
			CDD	AVG	26	8	20.44	20.60	23.53	30.00	-6.47	1.96	25.49	-	-
	5785	157	CDD	AVG	26	0	20.52	20.64	23.59	30.00	-6.41	1.96	25.55	-	-
			CDD	AVG	26	4	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
			CDD	AVG	26	8	20.57	20.61	23.60	30.00	-6.40	1.96	25.56	-	-
	5825	165	CDD	AVG	26	0	20.54	20.65	23.61	30.00	-6.39	1.96	25.57	-	-
			CDD	AVG	26	4	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
			CDD	AVG	26	8	20.62	20.54	23.59	30.00	-6.41	1.96	25.55	-	-

Table 7-89. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

	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]
							Antenna 2b	Antenna 1b	Summed						
5GHz (40MHz Bandwidth)	5190	38	SDM	AVG	26	0	3.82	3.53	6.69	-	-	-0.63	6.06	22.77	-16.71
			SDM	AVG	26	8	4.94	4.86	7.91	-	-	-0.63	7.28	22.77	-15.49
			SDM	AVG	26	17	4.07	3.79	6.94	-	-	-0.63	6.31	22.77	-16.46
	5230	46	SDM	AVG	26	0	4.13	3.76	6.96	-	-	-0.63	6.33	22.77	-16.44
			SDM	AVG	26	8	5.00	5.00	8.01	-	-	-0.63	7.38	22.77	-15.39
			SDM	AVG	26	17	4.23	3.92	7.09	-	-	-0.63	6.46	22.77	-16.31
	5270	54	CDD	AVG	26	0	7.73	7.80	10.78	23.76	-12.98	2.43	13.21	29.76	-16.55
			CDD	AVG	26	8	9.00	9.00	12.01	23.76	-11.75	2.43	14.44	29.76	-15.32
			CDD	AVG	26	17	8.00	8.14	11.08	23.76	-12.68	2.43	13.51	29.76	-16.25
	5310	62	CDD	AVG	26	0	7.69	7.74	10.73	23.76	-13.03	2.43	13.16	29.76	-16.60
			CDD	AVG	26	8	9.00	9.00	12.01	23.76	-11.75	2.43	14.44	29.76	-15.32
			CDD	AVG	26	17	8.00	8.12	11.07	23.76	-12.69	2.43	13.50	29.76	-16.26
	5510	102	CDD	AVG	26	0	8.00	7.73	10.88	23.73	-12.85	1.75	12.63	29.73	-17.10
			CDD	AVG	26	8	9.00	8.90	11.96	23.73	-11.77	1.75	13.71	29.73	-16.02
			CDD	AVG	26	17	8.18	7.95	11.08	23.73	-12.65	1.75	12.83	29.73	-16.90
	5550	110	CDD	AVG	26	0	8.00	7.87	10.95	23.73	-12.78	1.75	12.70	29.73	-17.03
			CDD	AVG	26	8	9.00	9.00	12.01	23.73	-11.72	1.75	13.76	29.73	-15.97
			CDD	AVG	26	17	8.22	8.00	11.12	23.73	-12.61	1.75	12.87	29.73	-16.86
	5710	142	CDD	AVG	26	0	8.00	8.00	11.01	23.73	-12.72	1.75	12.76	29.73	-16.97
			CDD	AVG	26	8	9.00	9.00	12.01	23.73	-11.72	1.75	13.76	29.73	-15.97
			CDD	AVG	26	17	8.40	8.40	11.41	23.73	-12.32	1.75	13.16	29.73	-16.57
	5755	151	CDD	AVG	26	0	19.57	19.73	22.66	23.98	-1.32	1.96	24.62	-	-
			CDD	AVG	26	8	20.50	20.50	23.51	23.98	-0.47	1.96	25.47	-	-
			CDD	AVG	26	17	19.79	20.07	22.94	23.98	-1.04	1.96	24.90	-	-
	5795	159	CDD	AVG	26	0	16.59	19.66	21.40	23.98	-2.58	1.96	23.36	-	-
			CDD	AVG	26	8	20.50	20.50	23.51	23.98	-0.47	1.96	25.47	-	-
			CDD	AVG	26	17	19.70	19.82	22.77	23.98	-1.21	1.96	24.73	-	-

Table 7-90. ISED CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

	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]
							Antenna 2b	Antenna 1b	Summed						
5GHz (80MHz Bandwidth)	5210	42	SDM	AVG	26	0	4.21	4.32	7.28	-	-	-0.63	6.65	22.77	-16.12
			SDM	AVG	26	18	5.00	4.84	7.93	-	-	-0.63	7.30	22.77	-15.47
			SDM	AVG	26	36	4.46	4.12	7.30	-	-	-0.63	6.67	22.77	-16.10
	5290	58	CDD	AVG	26	0	8.40	8.00	11.21	23.76	-12.55	2.43	13.64	29.76	-16.12
			CDD	AVG	26	18	9.00	9.00	12.01	23.76	-11.75	2.43	14.44	29.76	-15.32
			CDD	AVG	26	36	8.40	8.35	11.39	23.76	-12.37	2.43	13.82	29.76	-15.94
	5530	106	CDD	AVG	26	0	8.25	8.20	11.24	23.73	-12.49	1.75	12.99	29.73	-16.74
			CDD	AVG	26	18	9.00	9.00	12.01	23.73	-11.72	1.75	13.76	29.73	-15.97
			CDD	AVG	26	36	8.42	8.27	11.36	23.73	-12.37	1.75	13.11	29.73	-16.62
	5690	138	CDD	AVG	26	0	8.14	8.17	11.17	23.73	-12.56	1.75	12.92	29.73	-16.81
			CDD	AVG	26	18	8.90	8.90	11.91	23.73	-11.82	1.75	13.66	29.73	-16.07
			CDD	AVG	26	36	8.20	8.34	11.28	23.73	-12.45	1.75	13.03	29.73	-16.70
	5775	155	CDD	AVG	26	0	16.40	15.94	19.19	23.47	-4.28	1.96	21.15	-	-
			CDD	AVG	26	18	17.00	16.90	19.96	23.47	-3.51	1.96	21.92	-	-
			CDD	AVG	26	36	16.52	16.26	19.40	23.47	-4.07	1.96	21.36	-	-

Table 7-91. ISED CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (RU26)

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

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 1b	Summed		
5GHz (20MHz Bandwidth)	5180	36	CDD	AVG	106	53	15.00	15.00	18.01	23.98	-5.97
			CDD	AVG	106	54	15.00	15.00	18.01	23.98	-5.97
	5200	40	CDD	AVG	106	53	15.00	15.00	18.01	23.98	-5.97
			CDD	AVG	106	54	15.00	15.00	18.01	23.98	-5.97
	5240	48	CDD	AVG	106	53	15.00	15.00	18.01	23.98	-5.97
			CDD	AVG	106	54	15.00	15.00	18.01	23.98	-5.97
	5260	52	CDD	AVG	106	53	15.00	14.90	17.96	23.76	-5.80
			CDD	AVG	106	54	15.00	15.00	18.01	23.76	-5.75
	5300	60	CDD	AVG	106	53	15.00	14.90	17.96	23.76	-5.80
			CDD	AVG	106	54	15.00	15.00	18.01	23.76	-5.75
	5320	64	CDD	AVG	106	53	15.00	15.00	18.01	23.76	-5.75
			CDD	AVG	106	54	15.00	15.00	18.01	23.76	-5.75
	5500	100	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72
	5520	104	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72
	5580	116	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72
	5680	136	CDD	AVG	106	53	15.00	14.85	17.94	23.73	-5.79
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72
	5700	140	CDD	AVG	106	53	13.00	13.00	16.01	23.73	-7.72
			CDD	AVG	106	54	13.00	13.00	16.01	23.73	-7.72
	5720	144	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72
			CDD	AVG	106	54	14.80	15.00	17.91	23.73	-5.82
	5745	149	CDD	AVG	106	53	20.85	21.00	23.94	30.00	-6.06
			CDD	AVG	106	54	21.00	21.00	24.01	30.00	-5.99
	5785	157	CDD	AVG	106	53	21.00	20.90	23.96	30.00	-6.04
			CDD	AVG	106	54	21.00	21.00	24.01	30.00	-5.99
	5825	165	CDD	AVG	106	53	21.00	21.00	24.01	30.00	-5.99
			CDD	AVG	106	54	21.00	21.00	24.01	30.00	-5.99

Table 7-92. FCC CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 1b	Summed		
5GHz (40MHz Bandwidth)	5190	38	CDD	AVG	242	61	13.27	13.40	16.35	23.98	-7.63
			CDD	AVG	242	62	13.50	13.50	16.51	23.98	-7.47
	5230	46	CDD	AVG	242	61	16.84	16.79	19.83	23.98	-4.15
			CDD	AVG	242	62	17.00	17.00	20.01	23.98	-3.97
	5270	54	CDD	AVG	242	61	16.80	16.88	19.85	23.76	-3.91
			CDD	AVG	242	62	17.00	17.00	20.01	23.76	-3.75
	5310	62	CDD	AVG	242	61	13.47	13.53	16.51	23.76	-7.25
			CDD	AVG	242	62	13.65	13.75	16.71	23.76	-7.05
	5510	102	CDD	AVG	242	61	12.16	12.27	15.23	23.73	-8.50
			CDD	AVG	242	62	12.43	12.40	15.43	23.73	-8.30
	5550	110	CDD	AVG	242	61	16.70	16.75	19.74	23.73	-3.99
			CDD	AVG	242	62	16.93	17.00	19.98	23.73	-3.75
	5590	118	CDD	AVG	242	61	16.78	16.68	19.74	23.73	-3.99
			CDD	AVG	242	62	17.00	17.00	20.01	23.73	-3.72
	5670	134	CDD	AVG	242	63	14.25	14.29	17.28	23.73	-6.45
			CDD	AVG	242	64	14.50	14.39	17.46	23.73	-6.27
	5710	142	CDD	AVG	106	53	14.22	14.50	17.37	23.73	-6.36
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72
			CDD	AVG	106	56	14.60	14.73	17.68	23.73	-6.05
	5755	151	CDD	AVG	242	61	20.23	20.30	23.28	23.98	-0.70
			CDD	AVG	242	62	20.40	20.50	23.46	23.98	-0.52
	5795	159	CDD	AVG	242	61	20.40	20.21	23.32	23.98	-0.66
			CDD	AVG	242	62	20.50	20.41	23.47	23.98	-0.51

Table 7-93. FCC CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

	Freq [MHz]	Channel	Mode	Detector	RU Size	RU Index	Conducted Powers [dBm]			Conducted Power Limit [dBm]	Conducted Power Margin [dB]
							Antenna 2b	Antenna 1b	Summed		
5GHz (80MHz Bandwidth)	5210	42	CDD	AVG	484	65	12.78	12.88	15.84	23.98	-8.14
			CDD	AVG	484	66	13.00	13.00	16.01	23.98	-7.97
	5290	58	CDD	AVG	484	65	12.42	12.50	15.47	23.76	-8.29
			CDD	AVG	484	66	12.50	12.50	15.51	23.76	-8.25
	5530	106	CDD	AVG	484	65	12.41	12.46	15.45	23.73	-8.28
			CDD	AVG	484	66	12.50	12.50	15.51	23.73	-8.22
	5610	122	CDD	AVG	484	65	16.20	16.40	19.31	23.73	-4.42
			CDD	AVG	484	66	16.50	16.50	19.51	23.73	-4.22
	5690	138	CDD	AVG	106	53	14.53	14.73	17.64	23.73	-6.09
			CDD	AVG	106	56	15.00	15.00	18.01	23.73	-5.72
			CDD	AVG	106	60	14.77	14.96	17.88	23.73	-5.85
	5775	155	CDD	AVG	484	65	17.00	16.90	19.96	23.47	-3.51
			CDD	AVG	484	66	17.00	17.00	20.01	23.47	-3.46

Table 7-94. FCC CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power (Highest Power Among Partially-Loaded RU's)

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

	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]
							Antenna 2b	Antenna 1b	Summed						
5GHz (20MHz Bandwidth)	5180	36	SDM	AVG	106	53	11.00	11.00	14.01	-	-	-0.63	13.38	22.77	-9.39
			SDM	AVG	106	54	11.00	11.00	14.01	-	-	-0.63	13.38	22.77	-9.39
	5200	40	SDM	AVG	106	53	10.98	10.87	13.94	-	-	-0.63	13.31	22.77	-9.46
			SDM	AVG	106	54	10.90	10.90	13.91	-	-	-0.63	13.28	22.77	-9.49
	5240	48	SDM	AVG	106	53	10.83	10.94	13.90	-	-	-0.63	13.27	22.77	-9.50
			SDM	AVG	106	54	10.71	11.00	13.87	-	-	-0.63	13.24	22.77	-9.53
	5260	52	CDD	AVG	106	53	15.00	14.90	17.96	23.76	-5.80	2.43	20.39	29.76	-9.37
			CDD	AVG	106	54	15.00	15.00	18.01	23.76	-5.75	2.43	20.44	29.76	-9.32
	5300	60	CDD	AVG	106	53	15.00	14.90	17.96	23.76	-5.80	2.43	20.39	29.76	-9.37
			CDD	AVG	106	54	15.00	15.00	18.01	23.76	-5.75	2.43	20.44	29.76	-9.32
	5320	64	CDD	AVG	106	53	15.00	15.00	18.01	23.76	-5.75	2.43	20.44	29.76	-9.32
			CDD	AVG	106	54	15.00	15.00	18.01	23.76	-5.75	2.43	20.44	29.76	-9.32
	5500	100	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
	5520	104	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
	5580	116	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
	5680	136	CDD	AVG	106	53	15.00	14.85	17.94	23.73	-5.79	1.75	19.69	29.73	-10.04
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
	5700	140	CDD	AVG	106	53	13.00	13.00	16.01	23.73	-7.72	1.75	17.76	29.73	-11.97
			CDD	AVG	106	54	13.00	13.00	16.01	23.73	-7.72	1.75	17.76	29.73	-11.97
	5720	144	CDD	AVG	106	53	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
			CDD	AVG	106	54	14.80	15.00	17.91	23.73	-5.82	1.75	19.66	29.73	-10.07
	5745	149	CDD	AVG	106	53	20.85	21.00	23.94	30.00	-6.06	1.96	25.90	-	-
			CDD	AVG	106	54	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
	5785	157	CDD	AVG	106	53	21.00	20.90	23.96	30.00	-6.04	1.96	25.92	-	-
			CDD	AVG	106	54	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
	5825	165	CDD	AVG	106	53	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
			CDD	AVG	106	54	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-

Table 7-95. ISED CDD/SDM Diversity 20MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

	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]
							Antenna 2b	Antenna 1b	Summed						
5GHz (40MHz Bandwidth)	5190	38	CDD	AVG	242	61	13.27	13.40	16.35	-	-	2.37	18.72	22.77	-4.05
			CDD	AVG	242	62	13.50	13.50	16.51	-	-	2.37	18.88	22.77	-3.89
	5230	46	CDD	AVG	242	61	13.34	13.29	16.33	-	-	2.37	18.70	22.77	-4.07
			CDD	AVG	242	62	13.50	13.50	16.51	-	-	2.37	18.88	22.77	-3.89
	5270	54	CDD	AVG	242	61	16.80	16.88	19.85	23.76	-3.91	2.43	22.28	29.76	-7.48
			CDD	AVG	242	62	17.00	17.00	20.01	23.76	-3.75	2.43	22.44	29.76	-7.32
	5310	62	CDD	AVG	242	61	13.47	13.53	16.51	23.76	-7.25	2.43	18.94	29.76	-10.82
			CDD	AVG	242	62	13.65	13.75	16.71	23.76	-7.05	2.43	19.14	29.76	-10.62
	5510	102	CDD	AVG	242	61	12.16	12.27	15.23	23.73	-8.50	1.75	16.98	29.73	-12.75
			CDD	AVG	242	62	12.43	12.40	15.43	23.73	-8.30	1.75	17.18	29.73	-12.55
	5550	110	CDD	AVG	242	61	16.70	16.75	19.74	23.73	-3.99	1.75	21.49	29.73	-8.24
			CDD	AVG	242	62	16.93	17.00	19.98	23.73	-3.75	1.75	21.73	29.73	-8.00
	5670	134	CDD	AVG	242	63	14.25	14.29	17.28	23.73	-6.45	1.75	19.03	29.73	-10.70
			CDD	AVG	242	64	14.50	14.39	17.46	23.73	-6.27	1.75	19.21	29.73	-10.52
	5710	142	CDD	AVG	106	53	14.22	14.50	17.37	23.73	-6.36	1.75	19.12	29.73	-10.61
			CDD	AVG	106	54	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
			CDD	AVG	106	56	14.60	14.73	17.68	23.73	-6.05	1.75	19.43	29.73	-10.30
	5755	151	CDD	AVG	242	61	20.23	20.30	23.28	23.98	-0.70	1.96	25.24	-	-
			CDD	AVG	242	62	20.40	20.50	23.46	23.98	-0.52	1.96	25.42	-	-
	5795	159	CDD	AVG	242	61	20.40	20.21	23.32	23.98	-0.66	1.96	25.28	-	-
			CDD	AVG	242	62	20.50	20.41	23.47	23.98	-0.51	1.96	25.43	-	-

Table 7-96. ISED CDD/SDM Diversity 40MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

	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]
							Antenna 2b	Antenna 1b	Summed						
5GHz (80MHz Bandwidth)	5210	42	CDD	AVG	484	65	12.78	12.88	15.84	-	-	2.37	18.21	22.77	-4.56
			CDD	AVG	484	66	13.00	13.00	16.01	-	-	2.37	18.38	22.77	-4.39
	5290	58	CDD	AVG	484	65	12.42	12.50	15.47	23.76	-8.29	2.43	17.90	29.76	-11.86
			CDD	AVG	484	66	12.50	12.50	15.51	23.76	-8.25	2.43	17.94	29.76	-11.82
	5530	106	CDD	AVG	484	65	12.41	12.46	15.45	23.73	-8.28	1.75	17.20	29.73	-12.53
			CDD	AVG	484	66	12.50	12.50	15.51	23.73	-8.22	1.75	17.26	29.73	-12.47
	5690	138	CDD	AVG	106	53	14.53	14.73	17.64	23.73	-6.09	1.75	19.39	29.73	-10.34
			CDD	AVG	106	56	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
			CDD	AVG	106	60	14.77	14.96	17.88	23.73	-5.85	1.75	19.63	29.73	-10.10
	5775	155	CDD	AVG	484	65	17.00	16.90	19.96	23.47	-3.51	1.96	21.92	-	-
			CDD	AVG	484	66	17.00	17.00	20.01	23.47	-3.46	1.96	21.97	-	-

Table 7-97. ISED CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Highest Power Among Partially-Loaded RU's)

FCC CDD/SDM Diversity 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]
							ANT 2b	ANT 1b	Summed		
	5180	36	CDD	AVG	242	61	15.73	15.70	18.73	23.98	-5.25
	5200	40	CDD	AVG	242	61	17.00	17.00	20.01	23.98	-3.97
	5240	48	CDD	AVG	242	61	17.00	17.00	20.01	23.98	-3.97
	5260	52	CDD	AVG	242	61	17.00	17.00	20.01	23.76	-3.75
	5300	60	CDD	AVG	242	61	17.00	16.93	19.98	23.76	-3.78
	5320	64	CDD	AVG	242	61	15.70	15.73	18.73	23.76	-5.03
	5500	100	CDD	AVG	242	61	15.00	15.00	18.01	23.73	-5.72
	5520	104	CDD	AVG	242	61	17.00	16.92	19.97	23.73	-3.76
	5540	108	CDD	AVG	242	61	17.00	16.90	19.96	23.73	-3.77
	5580	116	CDD	AVG	242	61	16.90	17.00	19.96	23.73	-3.77
	5660	132	CDD	AVG	242	61	16.98	17.00	20.00	23.73	-3.73
	5680	136	CDD	AVG	242	61	16.50	16.50	19.51	23.73	-4.22
	5700	140	CDD	AVG	242	61	13.00	13.00	16.01	23.73	-7.72
	5720	144	CDD	AVG	242	61	17.00	17.00	20.01	23.73	-3.72
	5745	149	CDD	AVG	242	61	21.00	21.00	24.01	30.00	-5.99
	5785	157	CDD	AVG	242	61	21.00	21.00	24.01	30.00	-5.99
	5825	165	CDD	AVG	242	61	21.00	21.00	24.01	30.00	-5.99

Table 7-98. FCC CDD/SDM Diversity 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]
							ANT 2b	ANT 1b	Summed		
	5190	38	CDD	AVG	484	65	13.75	13.62	16.70	23.98	-7.28
	5230	46	CDD	AVG	484	65	18.90	19.00	21.96	23.98	-2.02
	5270	54	CDD	AVG	484	65	19.00	19.00	22.01	23.76	-1.75
	5310	62	CDD	AVG	484	65	13.75	13.75	16.76	23.76	-7.00
	5510	102	CDD	AVG	484	65	12.50	12.50	15.51	23.73	-8.22
	5550	110	CDD	AVG	484	65	17.94	18.00	20.98	23.73	-2.75
	5590	118	CDD	AVG	484	65	19.00	19.00	22.01	23.73	-1.72
	5670	134	CDD	AVG	484	65	14.50	14.40	17.46	23.73	-6.27
	5710	142	CDD	AVG	484	65	19.42	19.50	22.47	23.73	-1.26
	5755	151	CDD	AVG	484	65	20.50	20.50	23.51	23.98	-0.47
	5795	159	CDD	AVG	484	65	20.50	20.50	23.51	23.98	-0.47

Table 7-99. FCC CDD/SDM Diversity 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]
							Antenna 2b	Antenna 1b	Summed		
	5210	42	CDD	AVG	996	67	13.00	12.90	15.96	23.98	-8.02
	5290	58	CDD	AVG	996	67	12.42	12.40	15.42	23.76	-8.34
	5530	106	CDD	AVG	996	67	12.50	12.50	15.51	23.73	-8.22
	5610	122	CDD	AVG	996	67	16.50	16.50	19.51	23.73	-4.22
	5690	138	CDD	AVG	996	67	20.00	20.00	23.01	23.73	-0.72
	5775	155	CDD	AVG	996	67	17.00	17.00	20.01	23.47	-3.46

Table 7-100. FCC CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power (Fully-loaded RU)

ISED CDD/SDM Diversity 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]
							Antenna 2b	Antenna 1b	Summed						
	5180	36	SDM	AVG	242	61	13.50	13.50	16.51	-	-	-0.63	15.88	22.77	-6.89
	5200	40	SDM	AVG	242	61	13.37	13.49	16.44	-	-	-0.63	15.81	22.77	-6.96
	5240	48	SDM	AVG	242	61	13.45	13.48	16.48	-	-	-0.63	15.85	22.77	-6.92
	5260	52	CDD	AVG	242	61	17.00	17.00	20.01	23.76	-3.75	2.43	22.44	29.76	-7.32
	5300	60	CDD	AVG	242	61	17.00	16.93	19.98	23.76	-3.78	2.43	22.41	29.76	-7.35
	5320	64	CDD	AVG	242	61	15.70	15.73	18.73	23.76	-5.03	2.43	21.16	29.76	-8.60
	5500	100	CDD	AVG	242	61	15.00	15.00	18.01	23.73	-5.72	1.75	19.76	29.73	-9.97
	5520	104	CDD	AVG	242	61	17.00	16.92	19.97	23.73	-3.76	1.75	21.72	29.73	-8.01
	5540	108	CDD	AVG	242	61	17.00	16.90	19.96	23.73	-3.77	1.75	21.71	29.73	-8.02
	5580	116	CDD	AVG	242	61	16.90	17.00	19.96	23.73	-3.77	1.75	21.71	29.73	-8.02
	5660	132	CDD	AVG	242	61	16.98	17.00	20.00	23.73	-3.73	1.75	21.75	29.73	-7.98
	5680	136	CDD	AVG	242	61	16.50	16.50	19.51	23.73	-4.22	1.75	21.26	29.73	-8.47
	5700	140	CDD	AVG	242	61	13.00	13.00	16.01	23.73	-7.72	1.75	17.76	29.73	-11.97
	5720	144	CDD	AVG	242	61	17.00	17.00	20.01	23.73	-3.72	1.75	21.76	29.73	-7.97
	5745	149	CDD	AVG	242	61	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
	5785	157	CDD	AVG	242	61	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-
	5825	165	CDD	AVG	242	61	21.00	21.00	24.01	30.00	-5.99	1.96	25.97	-	-

Table 7-101. ISED CDD/SDM Diversity 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]
							Antenna 2b	Antenna 1b	Summed						
	5190	38	SDM	AVG	484	65	13.67	13.75	16.72	-	-	-0.63	16.09	22.77	-6.68
	5230	46	SDM	AVG	484	65	15.83	15.97	18.91	-	-	-0.63	18.28	22.77	-4.49
	5270	54	CDD	AVG	484	65	19.00	19.00	22.01	23.76	-1.75	2.43	24.44	29.76	-5.32
	5310	62	CDD	AVG	484	65	13.75	13.75	16.76	23.76	-7.00	2.43	19.19	29.76	-10.57
	5510	102	CDD	AVG	484	65	12.50	12.50	15.51	23.73	-8.22	1.75	17.26	29.73	-12.47
	5550	110	CDD	AVG	484	65	17.94	18.00	20.98	23.73	-2.75	1.75	22.73	29.73	-7.00
	5670	134	CDD	AVG	484	65	14.50	14.40	17.46	23.73	-6.27	1.75	19.21	29.73	-10.52
	5710	142	CDD	AVG	484	65	19.42	19.50	22.47	23.73	-1.26	1.75	24.22	29.73	-5.51
	5755	151	CDD	AVG	484	65	20.50	20.50	23.51	23.98	-0.47	1.96	25.47	-	-
	5795	159	CDD	AVG	484	65	20.50	20.50	23.51	23.98	-0.47	1.96	25.47	-	-

Table 7-102. ISED CDD/SDM Diversity 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]
							Antenna 2b	Antenna 1b	Summed						
	5210	42	CDD	AVG	996	67	13.00	12.90	15.96	-	-	2.37	18.33	22.77	-4.44
	5290	58	CDD	AVG	996	67	12.42	12.40	15.42	23.76	-8.34	2.43	17.85	29.76	-11.91
	5530	106	CDD	AVG	996	67	12.50	12.50	15.51	23.73	-8.22	1.75	17.26	29.73	-12.47
	5690	138	CDD	AVG	996	67	20.00	20.00	23.01	23.73	-0.72	1.75	24.76	29.73	-4.97
	5775	155	CDD	AVG	996	67	17.00	17.00	20.01	23.47	-3.46	1.96	21.97	-	-

Table 7-103. ISED CDD/SDM Diversity 80MHz BW (UNII) Maximum Conducted Output Power and Max EIRP (Fully-loaded RU)

Note:

Per ANSI C63.10-2013 and KDB 662911 v02r01 Section E)1), 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.

$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}] \text{ dBi}$$

Sample CDD Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average conducted output power was measured to be 16.00 dBm for Antenna-1 and 15.00 dBm for Antenna-2.

Antenna 1 + Antenna 2 = CDD

(16.00 dBm + 15.00 dBm) = (39.81 mW + 31.62 mW) = 71.43 mW = 18.54 dBm

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average CDD conducted power was calculated to be 18.54 dBm with directional gain of 4.32 dBi.

e.i.r.p. (dBm) = Conducted Power (dBm) + Ant gain (dBi)

18.54 dBm + 4.32 dBi = 22.86 dBm

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 ≥ 2 x (span/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.

Antenna 2b 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)	7.96	11.0	-3.04
				26	4	135/143.4 (MCS11)	7.51	11.0	-3.49
				26	8	135/143.4 (MCS11)	8.01	11.0	-2.99
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	8.07	11.0	-2.93
				26	4	135/143.4 (MCS11)	7.50	11.0	-3.50
				26	8	135/143.4 (MCS11)	8.47	11.0	-2.53
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	8.49	11.0	-2.51
				26	4	135/143.4 (MCS11)	8.12	11.0	-2.88
				26	8	135/143.4 (MCS11)	9.18	11.0	-1.82
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	8.40	11.0	-2.60
				26	8	271/286.8 (MCS11)	8.79	11.0	-2.21
				26	17	271/286.8 (MCS11)	6.22	11.0	-4.78
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	8.82	11.0	-2.18
				26	8	271/286.8 (MCS11)	10.03	11.0	-0.97
				26	17	271/286.8 (MCS11)	8.52	11.0	-2.48
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	8.03	11.0	-2.97
				26	18	567/600.5 (MCS11)	8.08	11.0	-2.92
				26	36	567/600.5 (MCS11)	8.28	11.0	-2.72
Band 2A	5260	52	ax (20MHz)	26	0	135/143.4 (MCS11)	8.91	11.0	-2.09
				26	4	135/143.4 (MCS11)	8.38	11.0	-2.62
				26	8	135/143.4 (MCS11)	9.19	11.0	-1.81
	5280	56	ax (20MHz)	26	0	135/143.4 (MCS11)	9.04	11.0	-1.96
				26	4	135/143.4 (MCS11)	8.53	11.0	-2.47
				26	8	135/143.4 (MCS11)	9.07	11.0	-1.93
	5320	64	ax (20MHz)	26	0	135/143.4 (MCS11)	8.73	11.0	-2.27
				26	4	135/143.4 (MCS11)	8.17	11.0	-2.83
				26	8	135/143.4 (MCS11)	8.72	11.0	-2.28
	5270	54	ax (40MHz)	26	0	271/286.8 (MCS11)	9.00	11.0	-2.00
				26	8	271/286.8 (MCS11)	9.85	11.0	-1.15
				26	17	271/286.8 (MCS11)	9.06	11.0	-1.94
	5310	62	ax (40MHz)	26	0	271/286.8 (MCS11)	9.00	11.0	-2.00
				26	8	271/286.8 (MCS11)	9.60	11.0	-1.40
				26	17	271/286.8 (MCS11)	8.86	11.0	-2.14
	5290	58	ax (80MHz)	26	0	567/600.5 (MCS11)	7.00	11.0	-4.00
				26	18	567/600.5 (MCS11)	6.78	11.0	-4.22
				26	36	567/600.5 (MCS11)	7.16	11.0	-3.84
Band 2C	5500	100	ax (20MHz)	26	0	135/143.4 (MCS11)	8.64	11.0	-2.36
				26	4	135/143.4 (MCS11)	7.81	11.0	-3.19
				26	8	135/143.4 (MCS11)	8.29	11.0	-2.71
	5580	116	ax (20MHz)	26	0	135/143.4 (MCS11)	8.92	11.0	-2.08
				26	4	135/143.4 (MCS11)	8.08	11.0	-2.92
				26	8	135/143.4 (MCS11)	8.81	11.0	-2.19
	5720	144	ax (20MHz)	26	0	135/143.4 (MCS11)	8.58	11.0	-2.42
				26	4	135/143.4 (MCS11)	8.54	11.0	-2.46
				26	8	135/143.4 (MCS11)	8.73	11.0	-2.27
	5510	102	ax (40MHz)	26	0	271/286.8 (MCS11)	9.72	11.0	-1.28
				26	8	271/286.8 (MCS11)	8.85	11.0	-2.15
				26	17	271/286.8 (MCS11)	10.04	11.0	-0.96
	5550	110	ax (40MHz)	26	0	271/286.8 (MCS11)	10.29	11.0	-0.71
				26	8	271/286.8 (MCS11)	9.31	11.0	-1.69
				26	17	271/286.8 (MCS11)	8.97	11.0	-2.03
	5710	142	ax (40MHz)	26	0	271/286.8 (MCS11)	8.21	11.0	-2.79
				26	8	271/286.8 (MCS11)	8.90	11.0	-2.10
				26	17	271/286.8 (MCS11)	9.03	11.0	-1.97
	5530	106	ax (80MHz)	26	0	567/600.5 (MCS11)	6.64	11.0	-4.36
				26	18	567/600.5 (MCS11)	6.17	11.0	-4.83
				26	36	567/600.5 (MCS11)	6.68	11.0	-4.32
	5690	138	ax (80MHz)	26	0	567/600.5 (MCS11)	8.07	11.0	-2.93
				26	18	567/600.5 (MCS11)	7.88	11.0	-3.12
				26	36	567/600.5 (MCS11)	8.52	11.0	-2.48

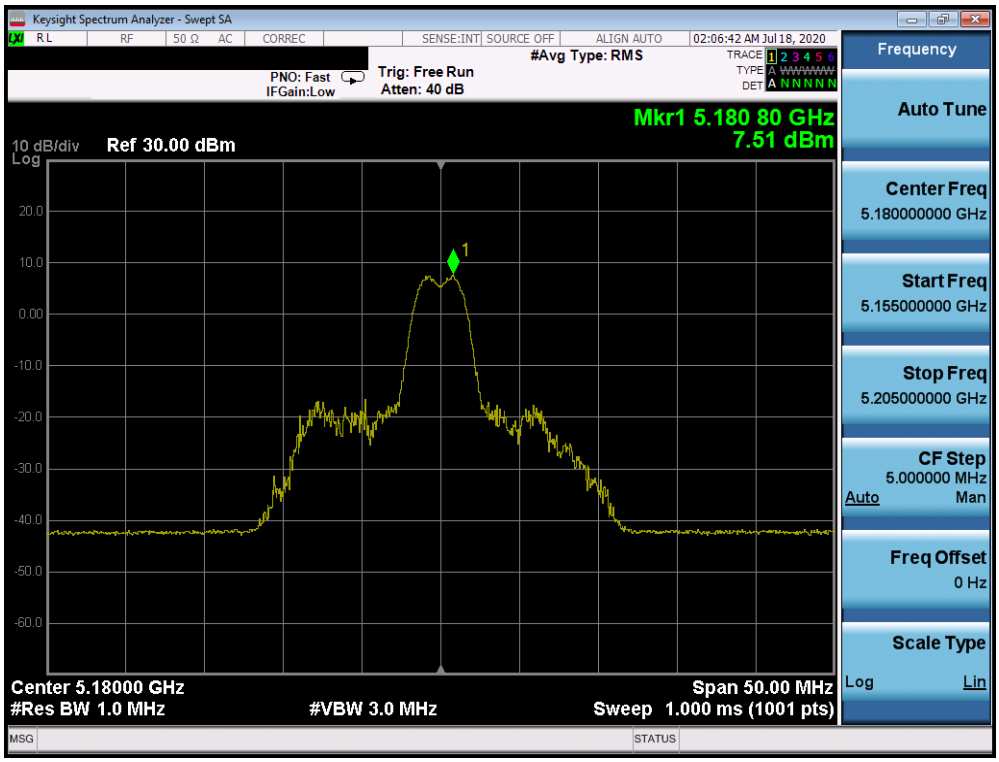
Table 7-104. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2b (RU26)

	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)	3.78	11.0	-7.22
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	9.05	11.0	-1.95
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	9.14	11.0	-1.86
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-1.22	11.0	-12.22
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	6.69	11.0	-4.31
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.04	11.0	-15.04
Band 2A	5260	52	ax (20MHz)	242	61	135/143.4 (MCS11)	9.29	11.0	-1.71
	5280	56	ax (20MHz)	242	61	135/143.4 (MCS11)	9.59	11.0	-1.41
	5320	64	ax (20MHz)	242	61	135/143.4 (MCS11)	5.37	11.0	-5.63
	5270	54	ax (40MHz)	484	65	271/286.8 (MCS11)	6.82	11.0	-4.18
	5310	62	ax (40MHz)	484	65	271/286.8 (MCS11)	-0.18	11.0	-11.18
	5290	58	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.32	11.0	-15.32
Band 2C	5500	100	ax (20MHz)	242	61	135/143.4 (MCS11)	4.97	11.0	-6.03
	5580	116	ax (20MHz)	242	61	135/143.4 (MCS11)	9.30	11.0	-1.70
	5720	144	ax (20MHz)	242	61	135/143.4 (MCS11)	9.12	11.0	-1.88
	5510	102	ax (40MHz)	484	65	271/286.8 (MCS11)	-1.03	11.0	-12.03
	5550	110	ax (40MHz)	484	65	271/286.8 (MCS11)	4.95	11.0	-6.05
	*5590	118	ax (40MHz)	484	65	271/286.8 (MCS11)	6.69	11.0	-4.31
	5710	142	ax (40MHz)	484	65	271/286.8 (MCS11)	6.75	11.0	-4.25
	5530	106	ax (80MHz)	996	67	567/600.5 (MCS11)	-4.68	11.0	-15.68
	*5610	122	ax (80MHz)	996	67	567/600.5 (MCS11)	-0.12	11.0	-11.12
	5690	138	ax (80MHz)	996	67	567/600.5 (MCS11)	3.75	11.0	-7.25

Table 7-105. Bands 1, 2A, 2C Power Spectral Density Measurements Antenna 2b (Fully-loaded RU)

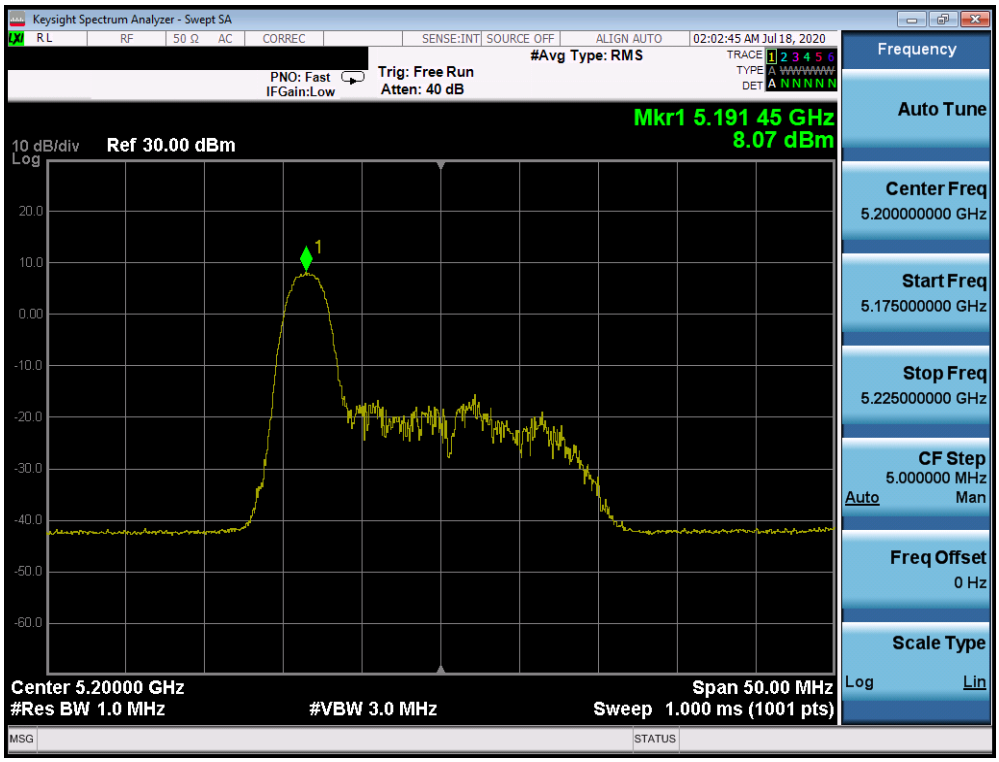
*TDWR channel is not supported for ISED (denoted by a * next to the frequency)

Plot 7-313. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 36)



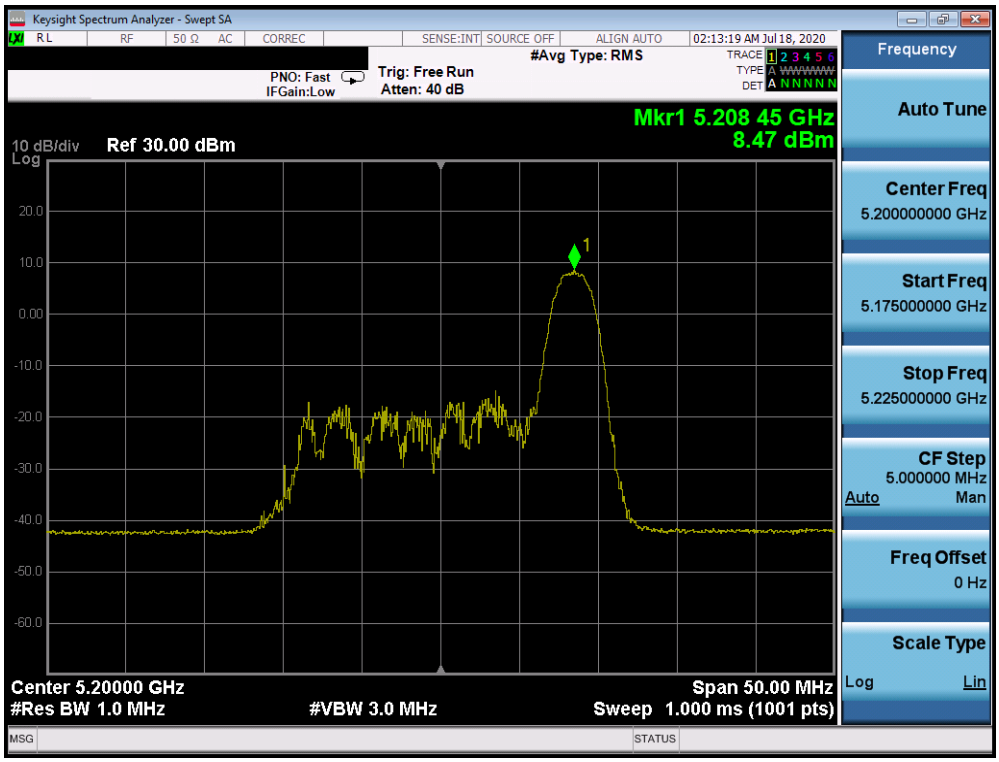
Plot 7-314. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 36)

Plot 7-315. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 36)



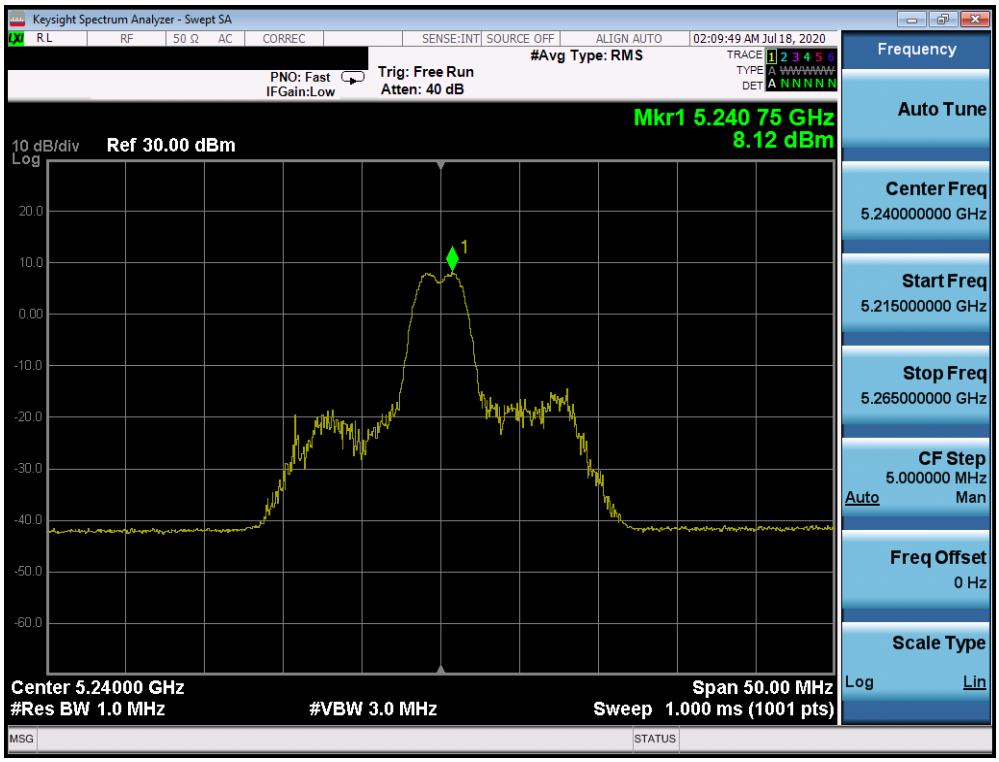
Plot 7-316. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 40)

Plot 7-317. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 40)



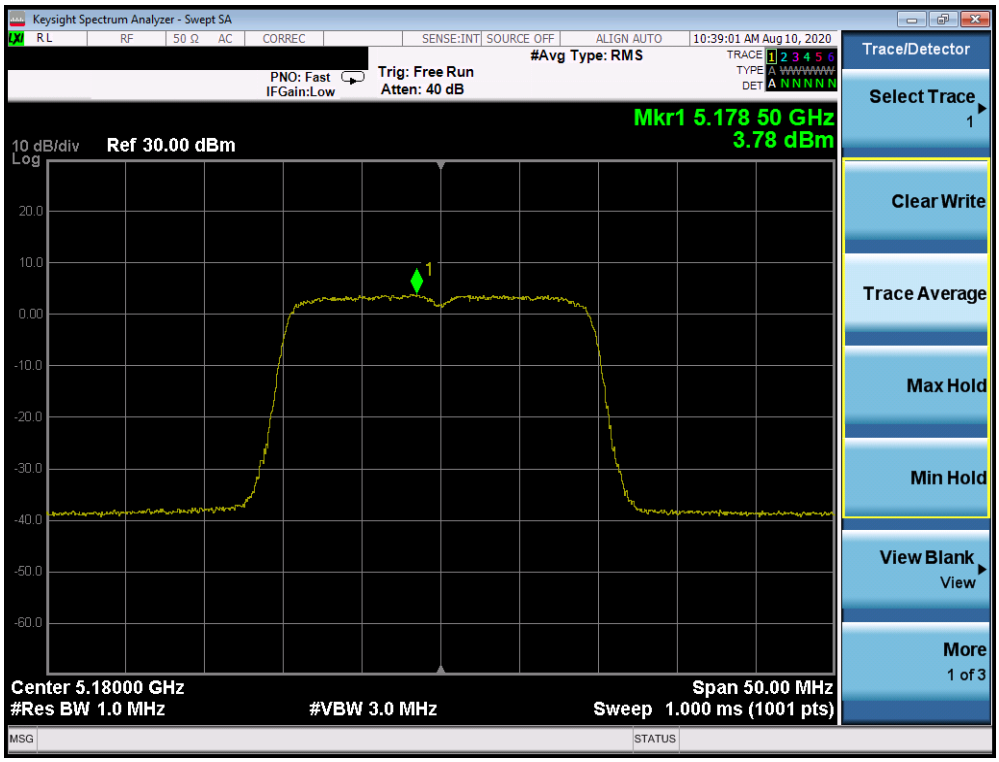
Plot 7-318. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 1) – Ch. 40)

Plot 7-319. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 48)

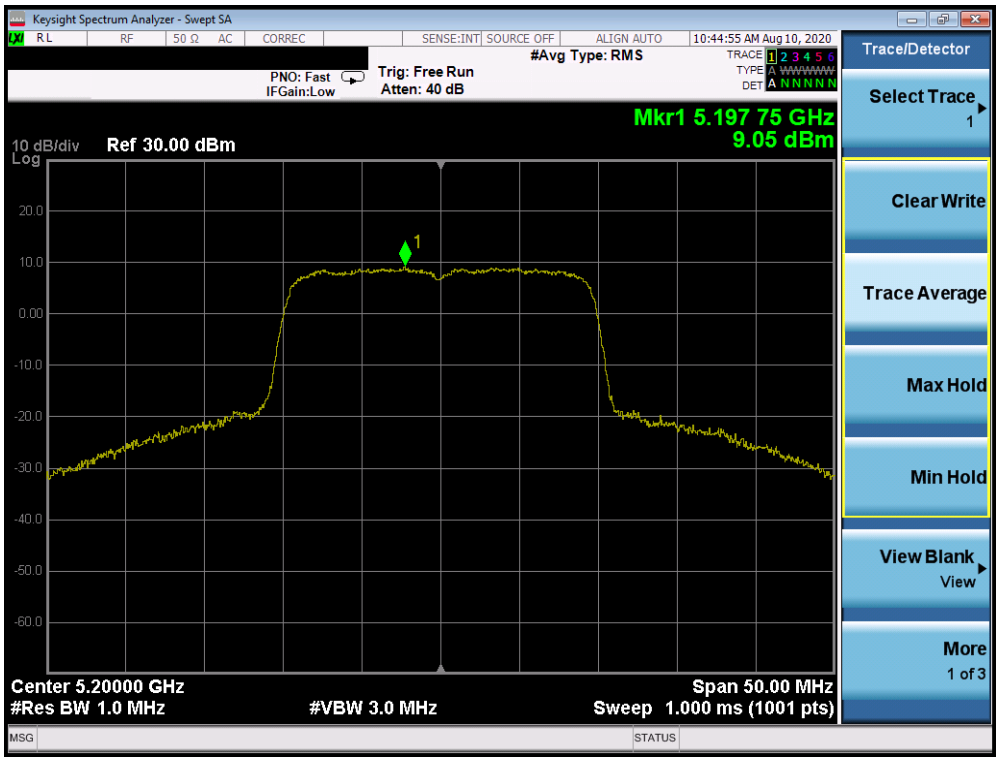


Plot 7-320. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 48)

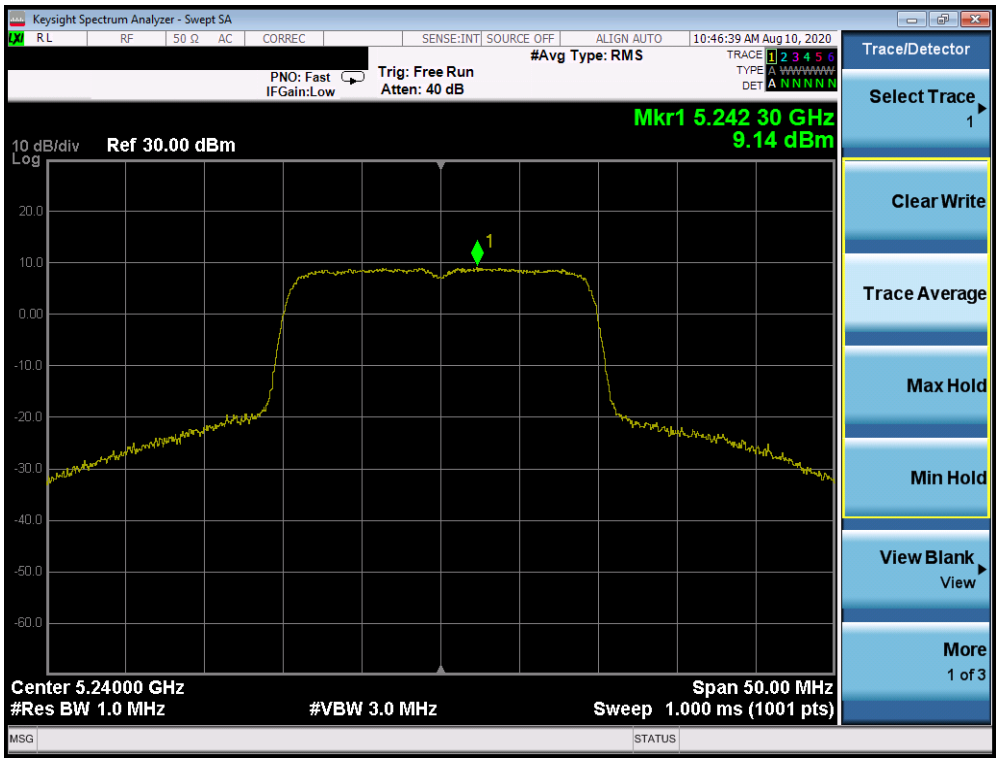
Plot 7-321. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 48)



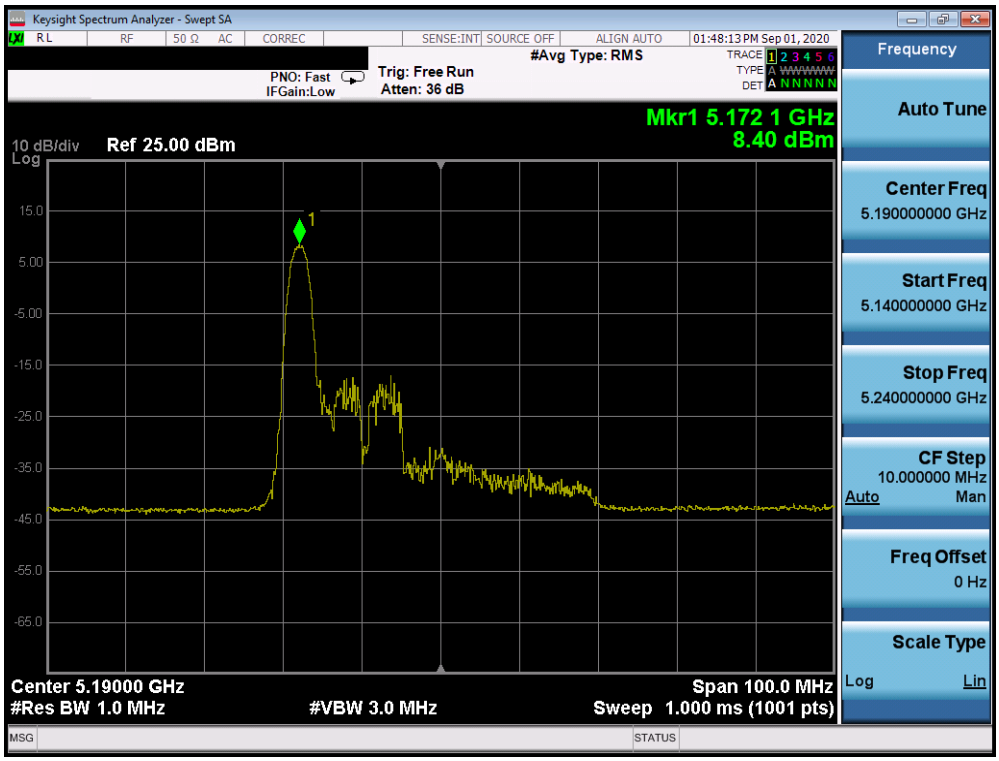
Plot 7-322. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 36)



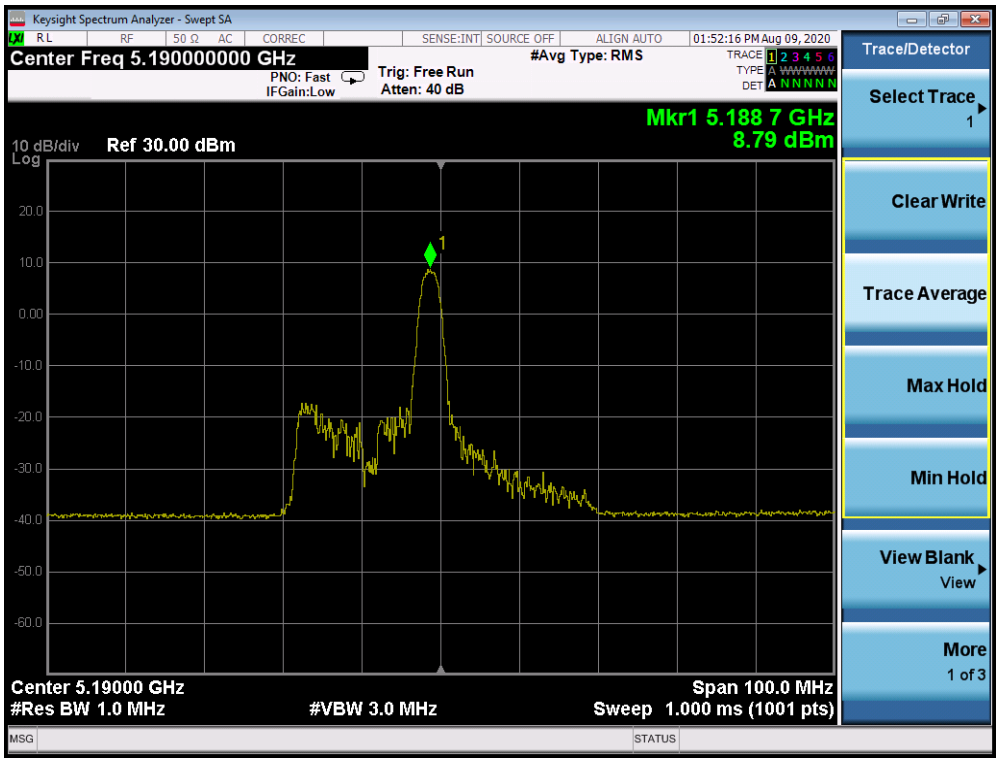
Plot 7-323. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 40)



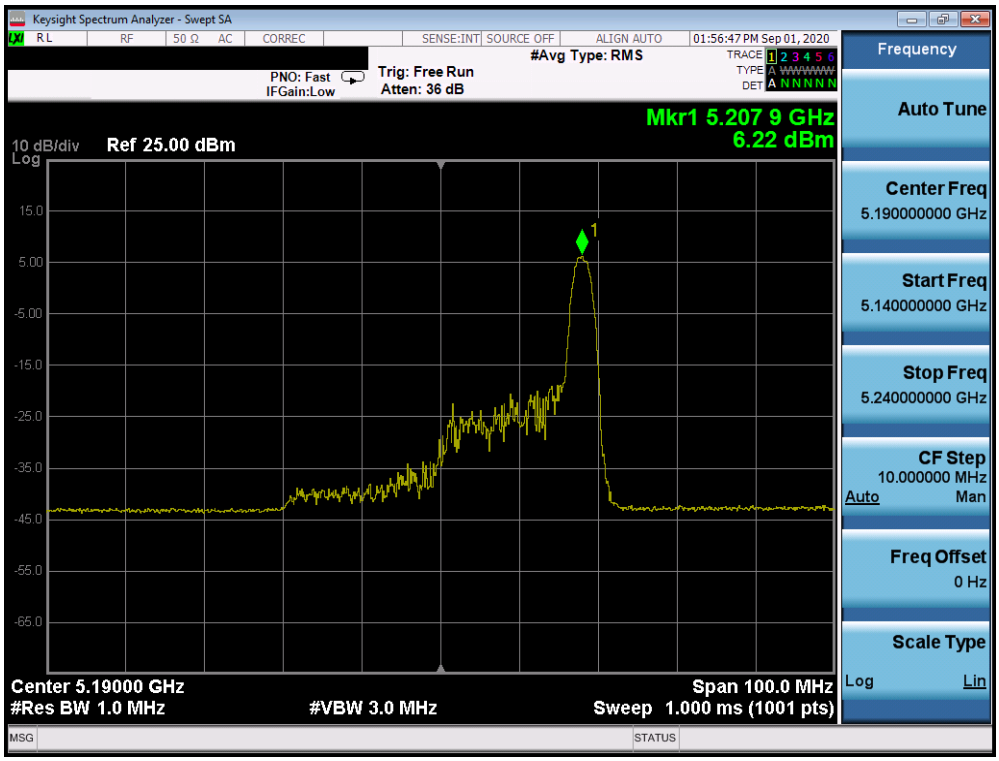
Plot 7-324. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 1) – Ch. 48)



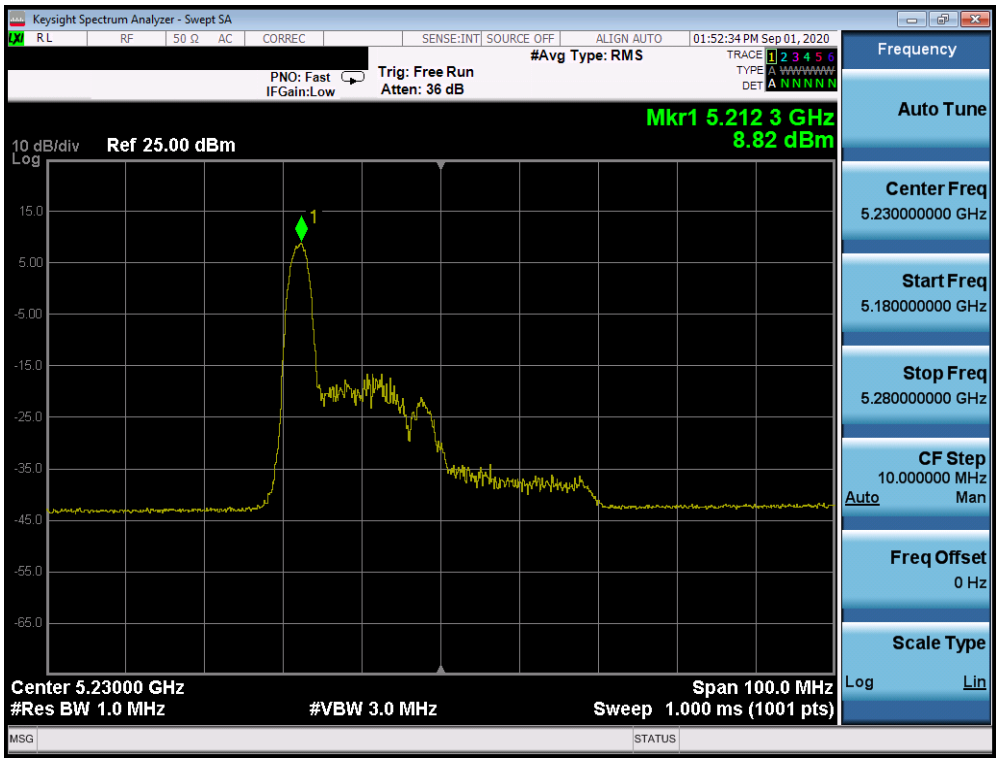
Plot 7-325. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 38)



Plot 7-326. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 38)

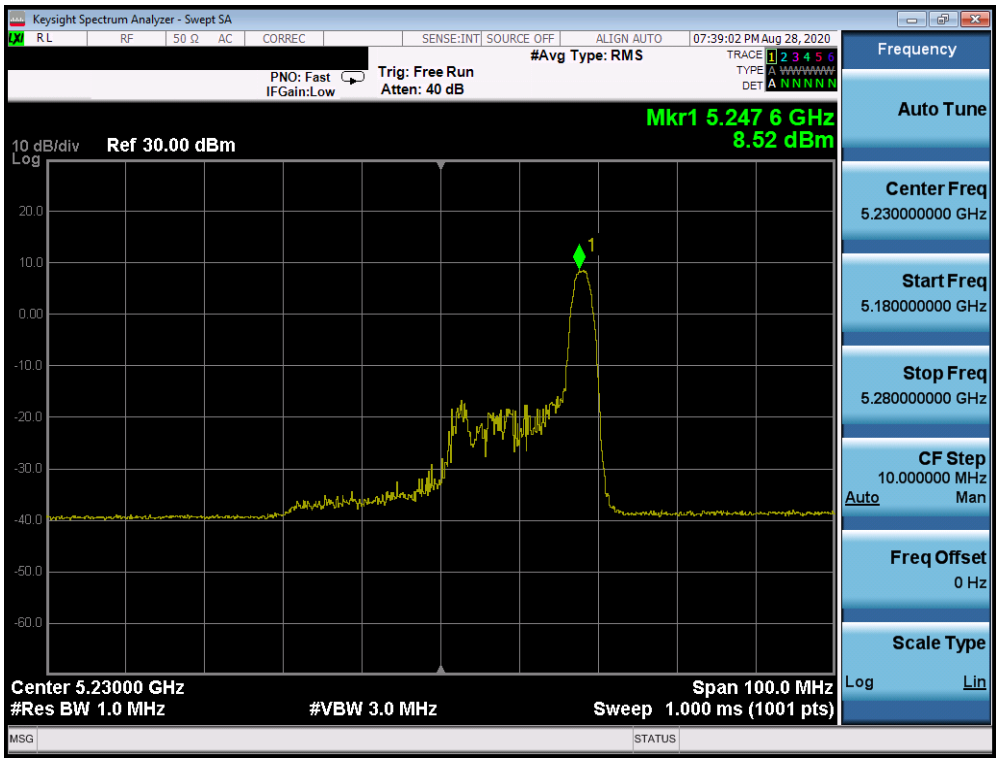


Plot 7-327. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 38)

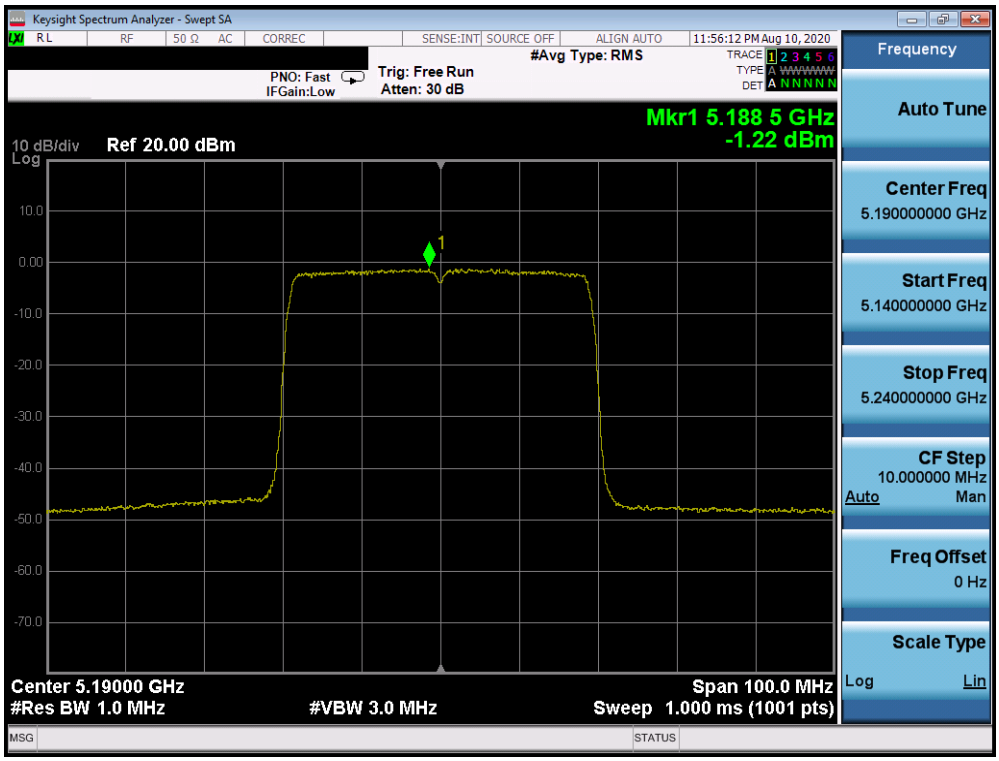


Plot 7-328. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 46)

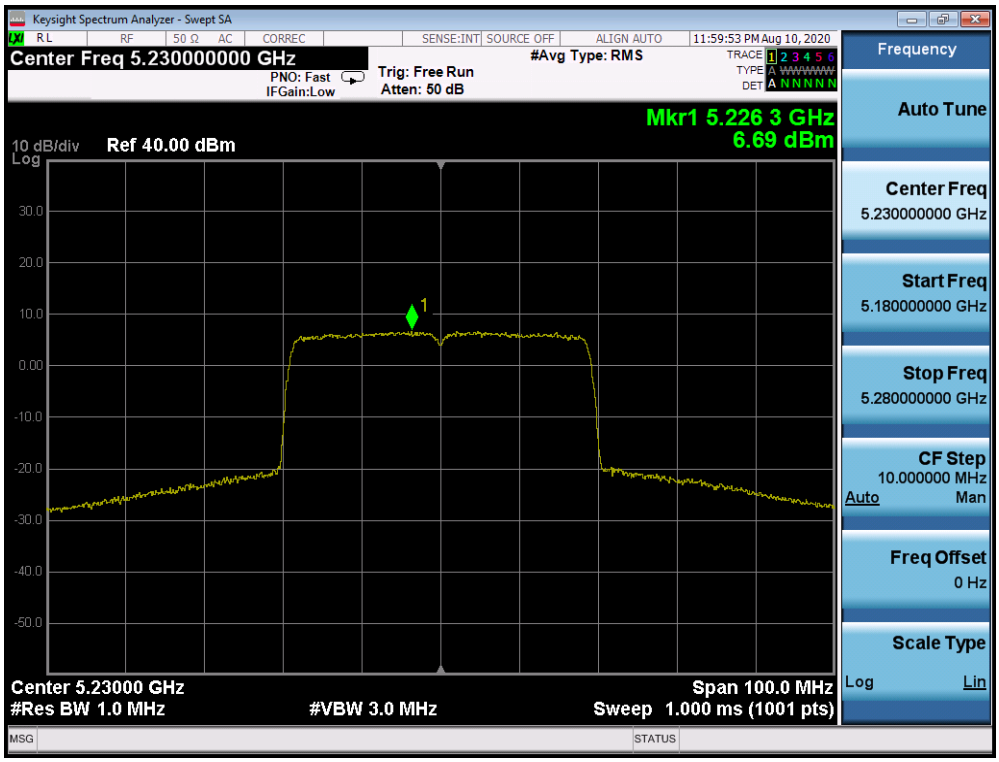
Plot 7-329. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 46)



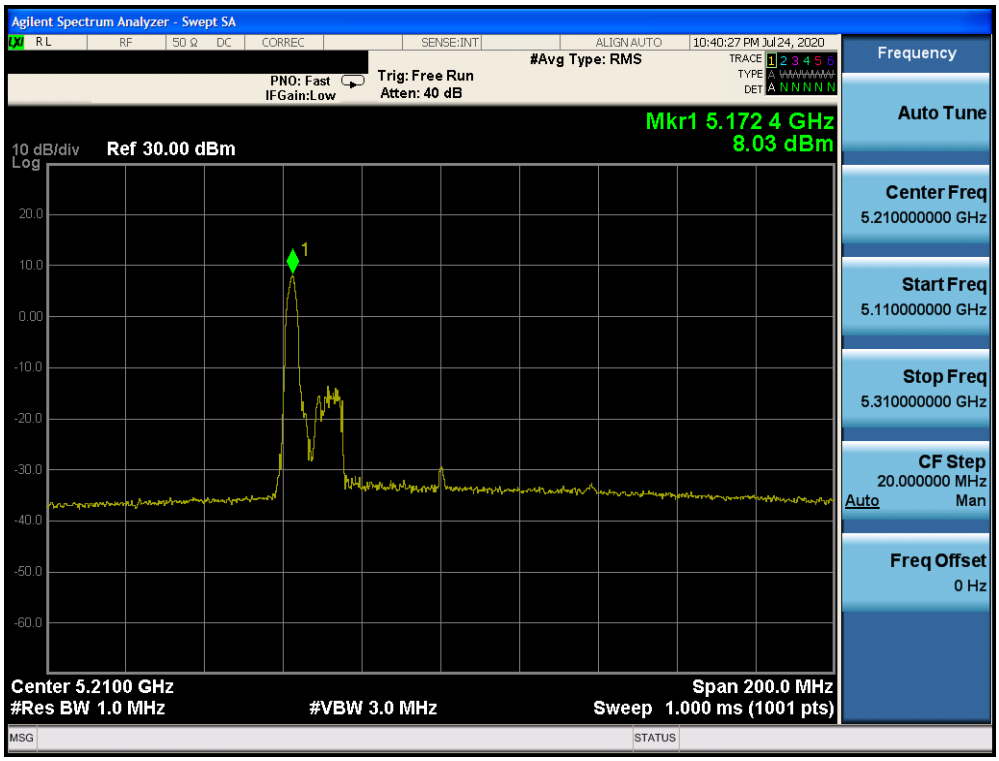
Plot 7-330. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 46)



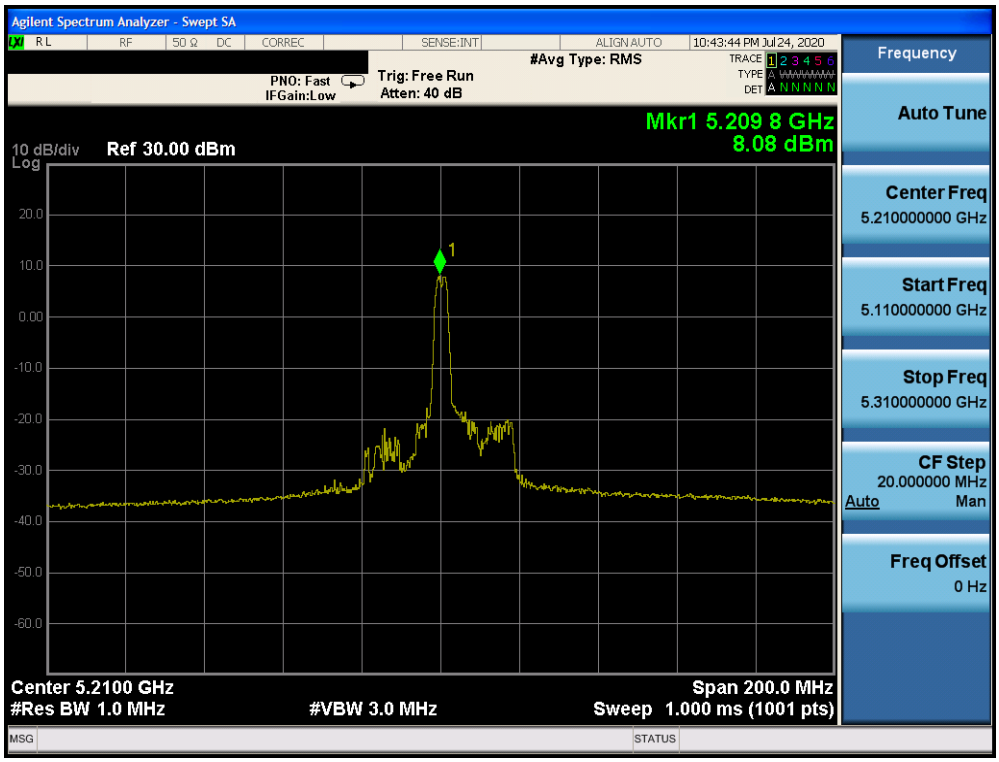
Plot 7-331. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 38)



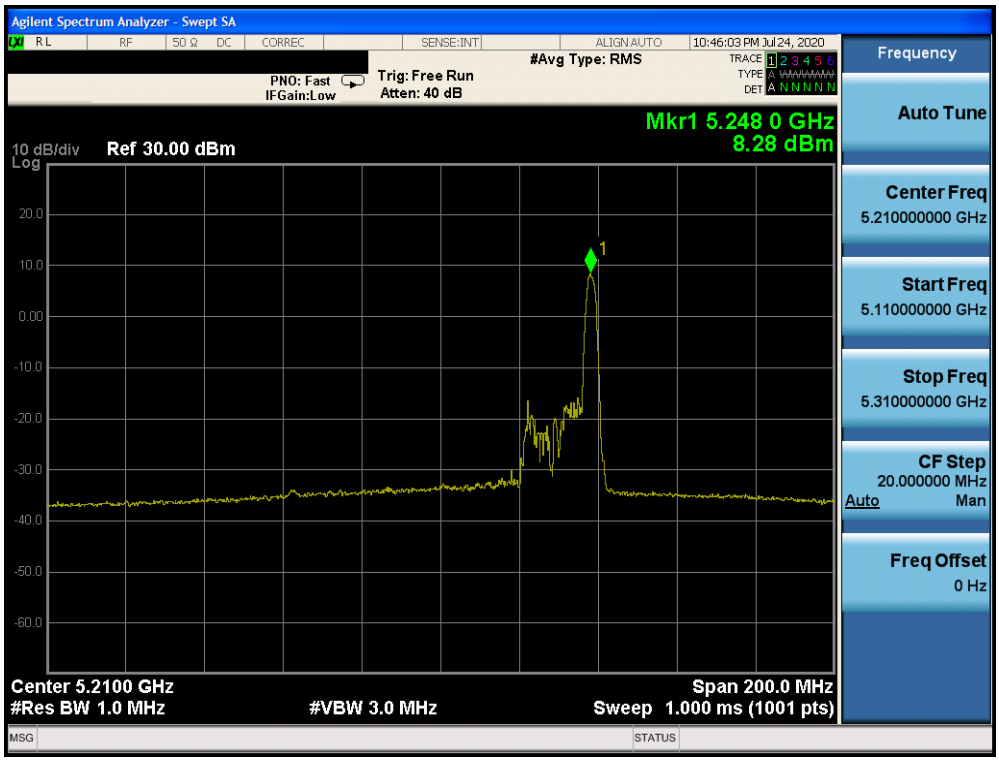
Plot 7-332. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 46)



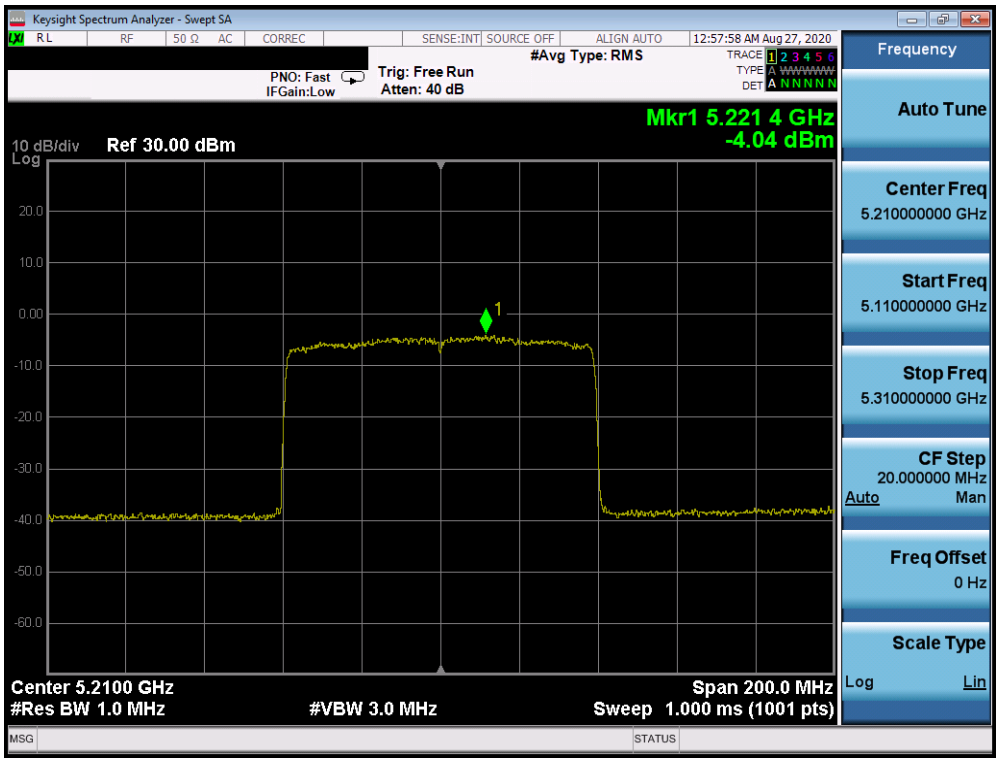
Plot 7-333. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 42)



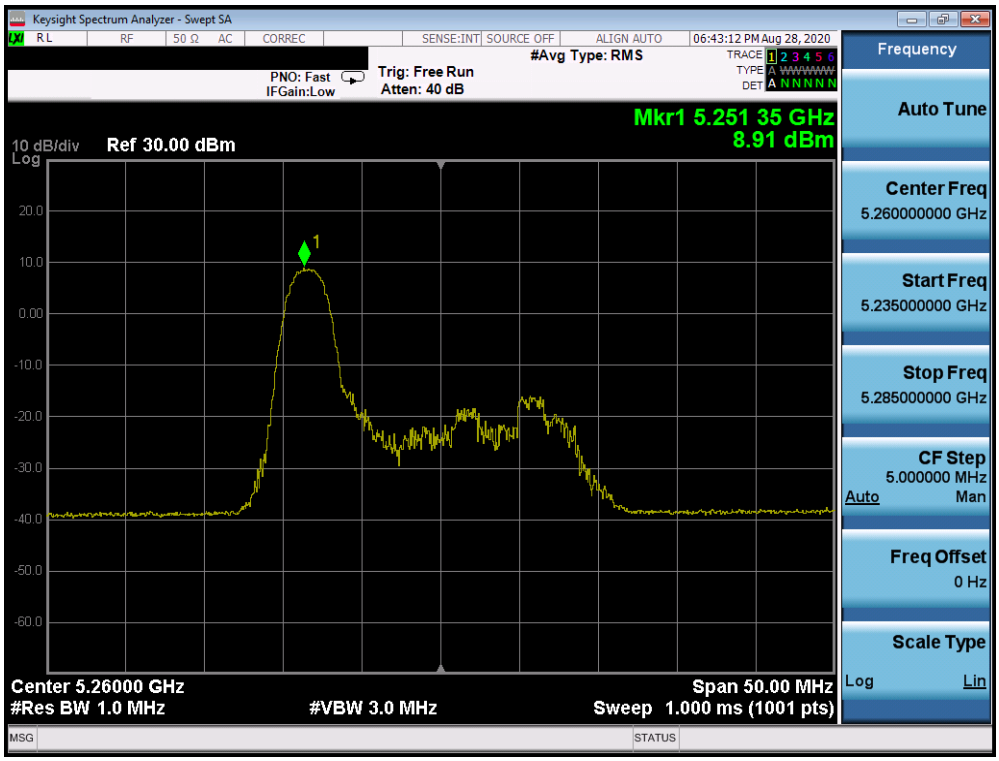
Plot 7-334. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 1) – Ch. 42)



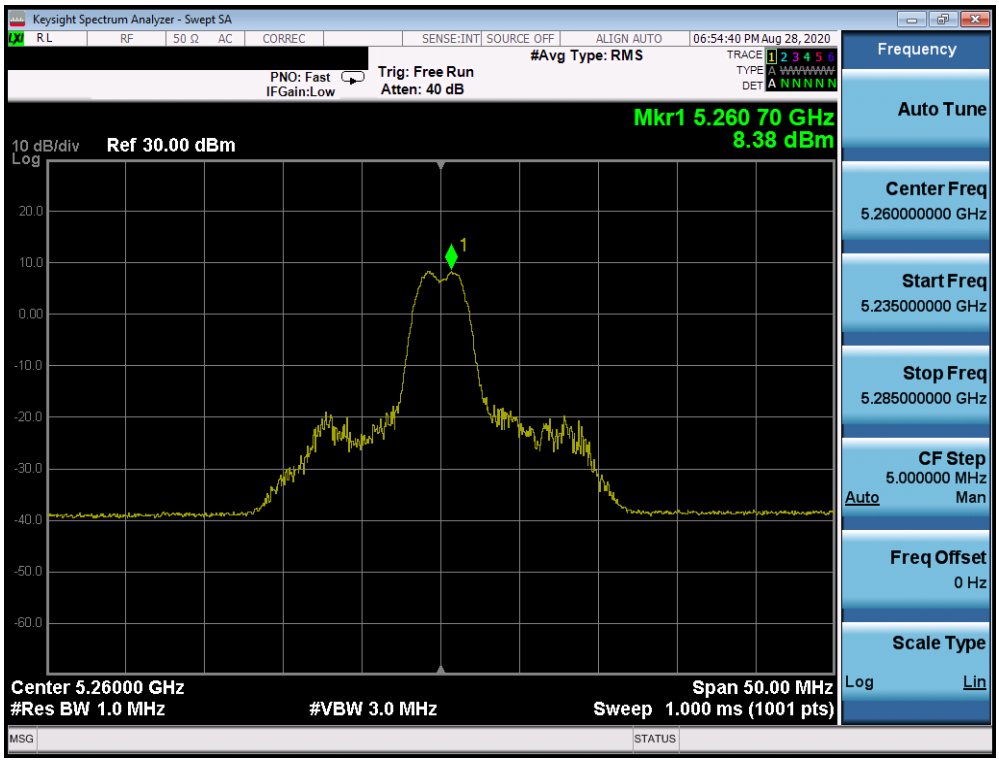
Plot 7-335. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 1) – Ch. 42)



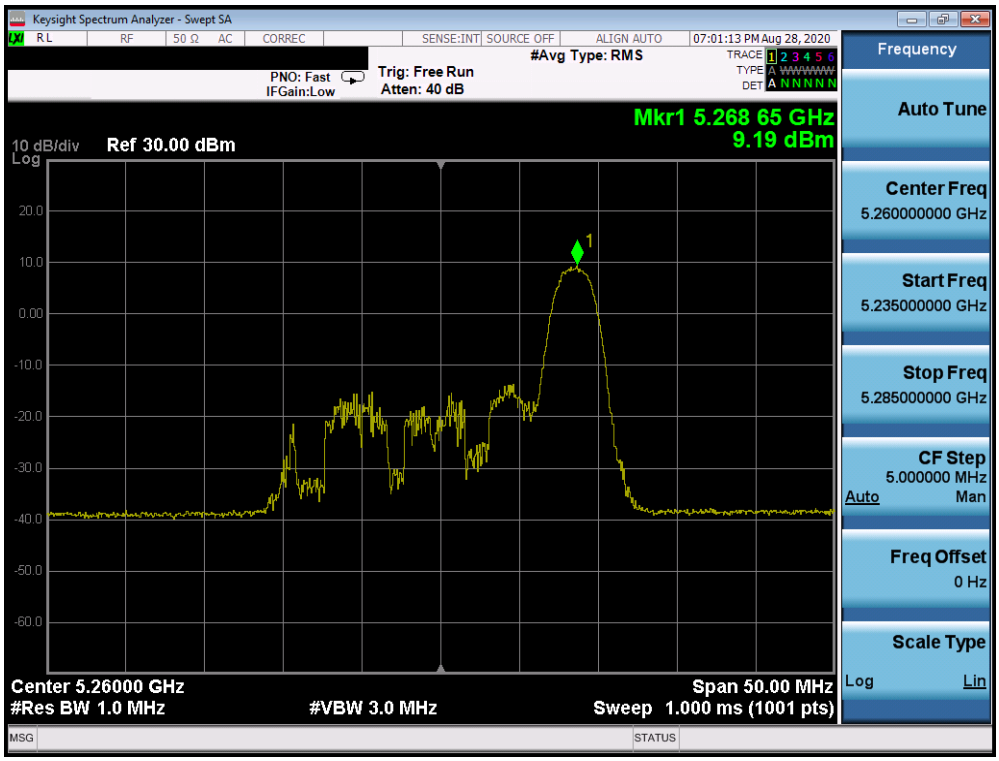
Plot 7-336. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax – RU996 (UNII Band 1) – Ch. 42)



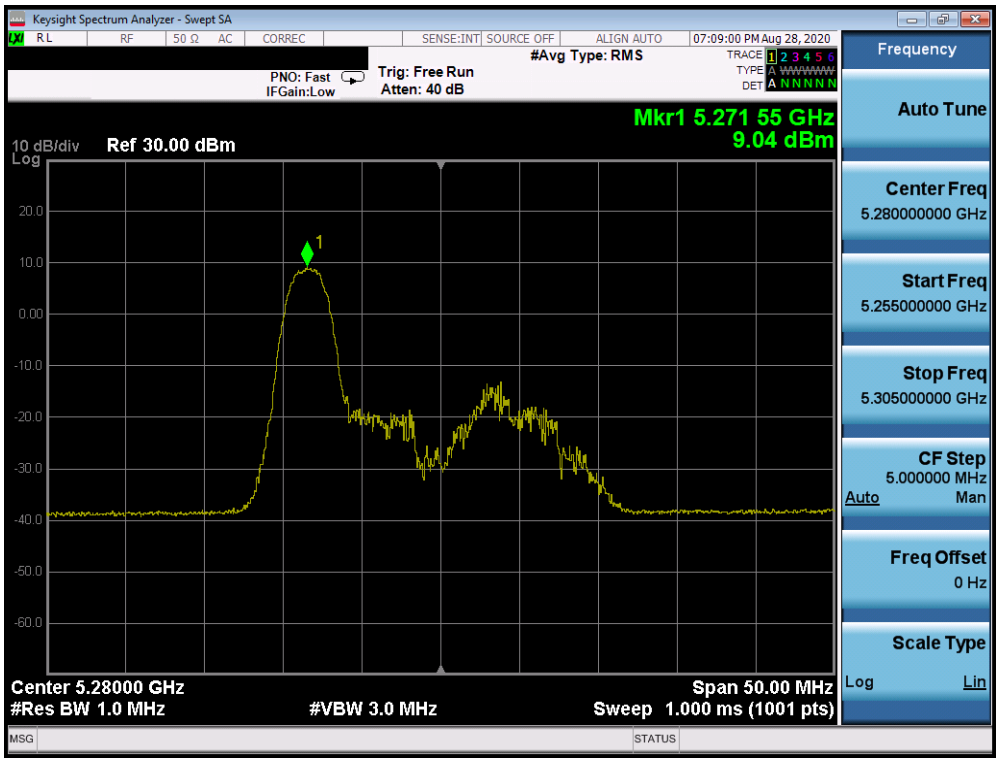
Plot 7-337. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 52)



Plot 7-338. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 52)



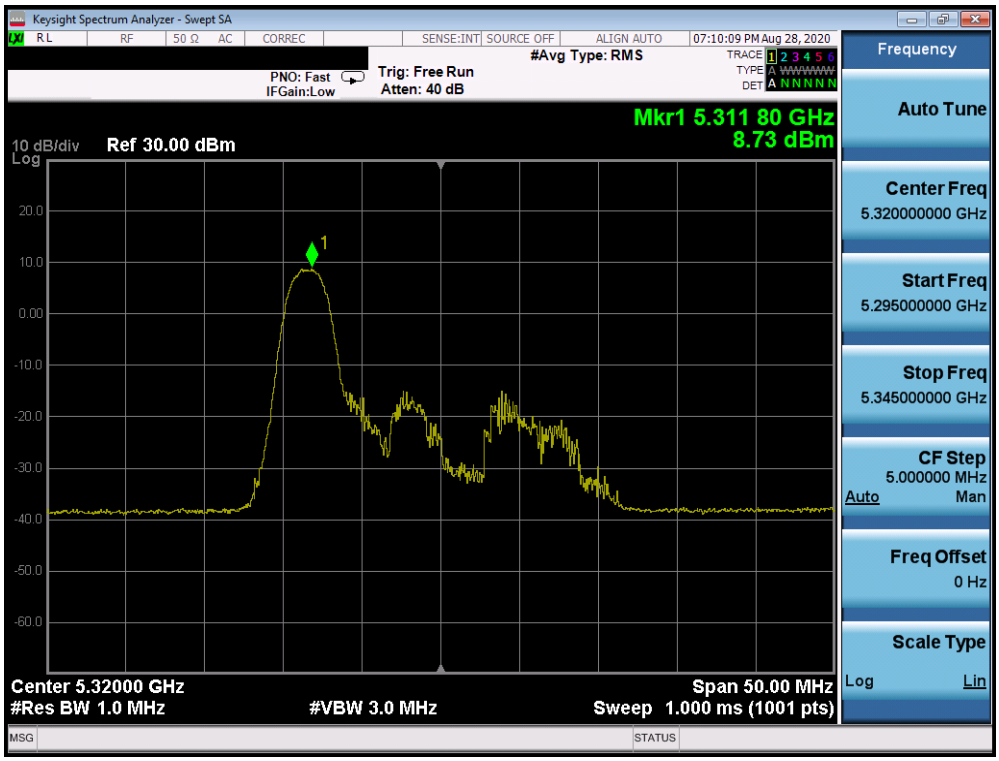
Plot 7-339. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 52)



Plot 7-340. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 56)

Plot 7-341. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 56)

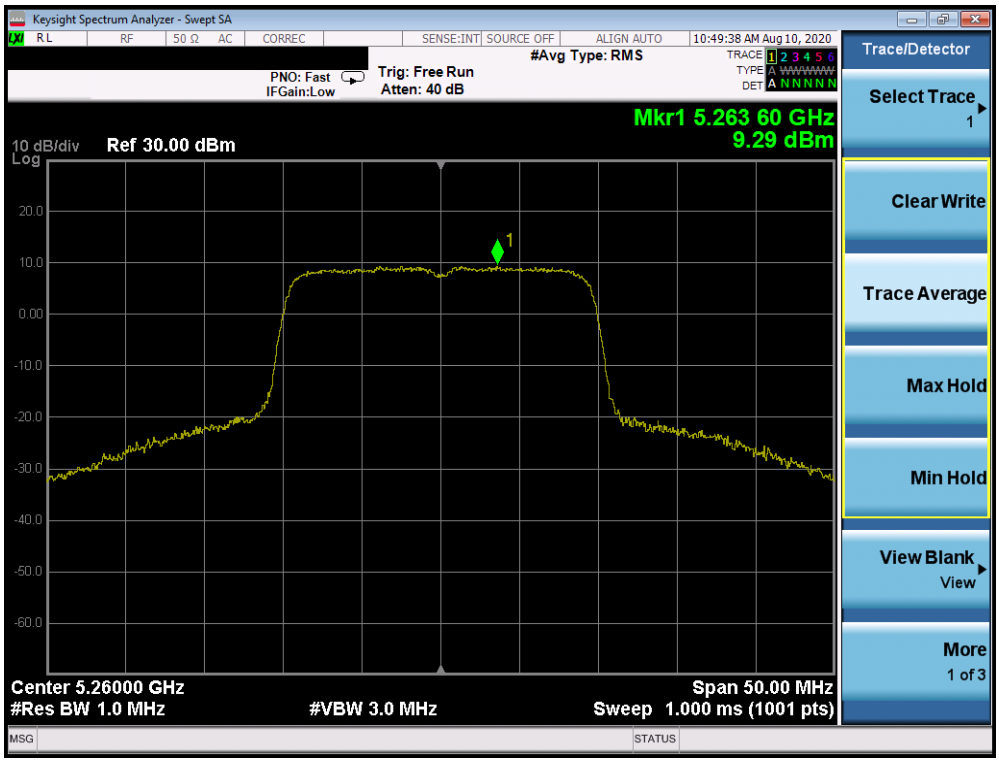
Plot 7-342. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 2A) – Ch. 56)



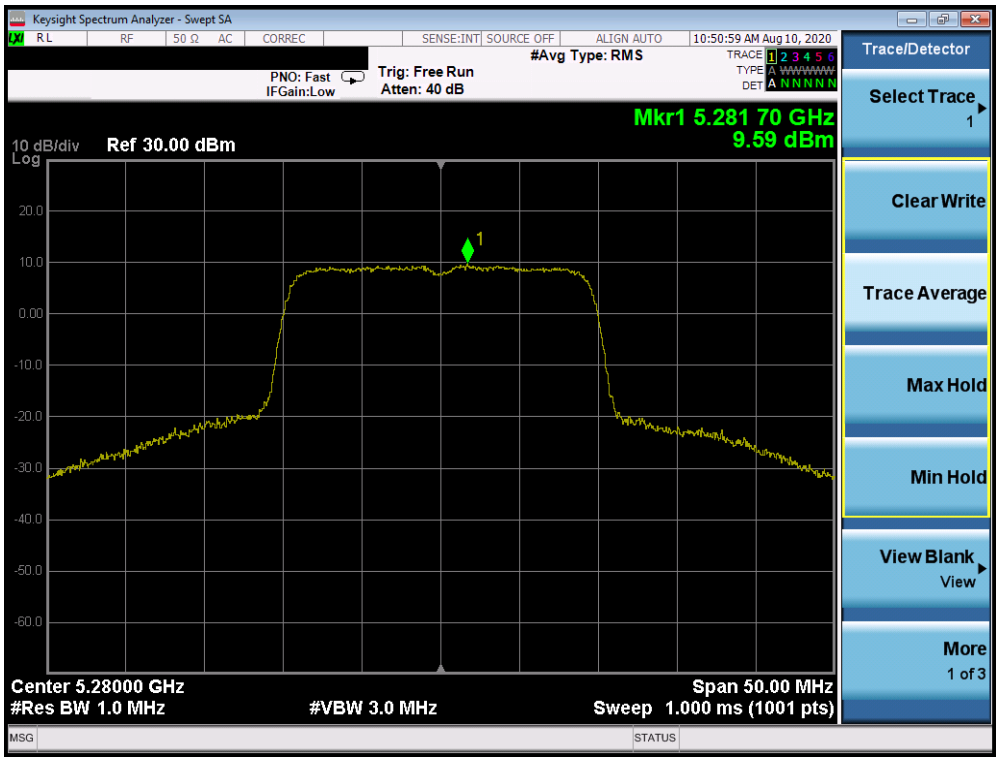
Plot 7-343. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 64)

Plot 7-344. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2A) – Ch. 64)

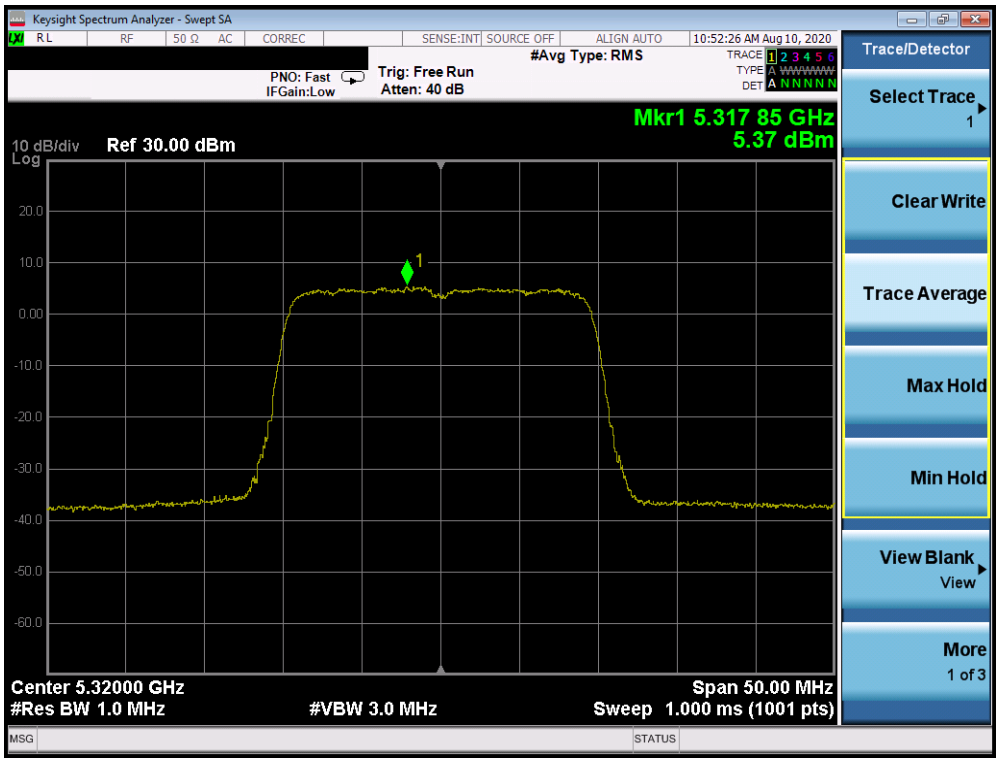
Plot 7-345. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 64)



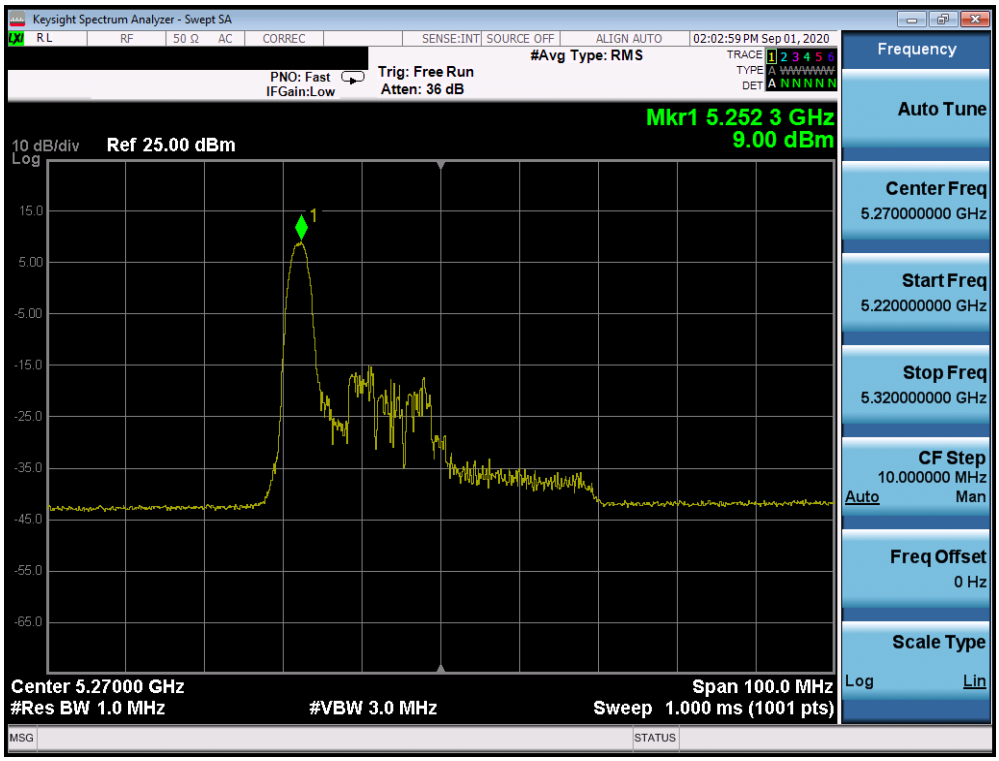
Plot 7-346. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 2A) – Ch. 52)



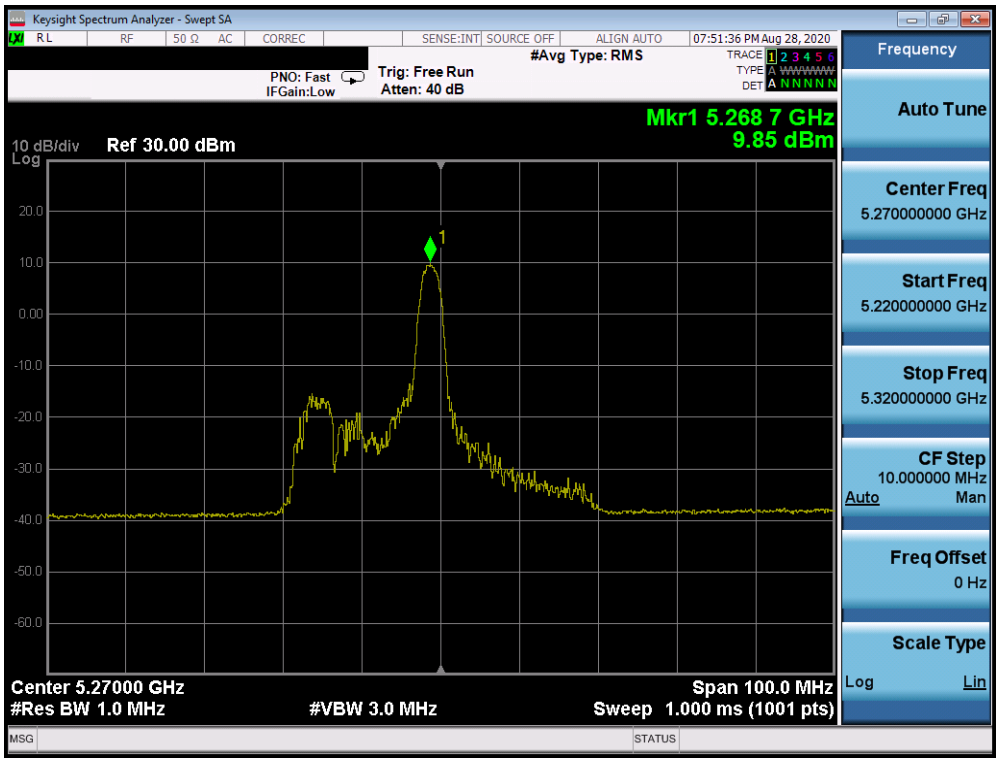
Plot 7-347. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 2A) – Ch. 56)



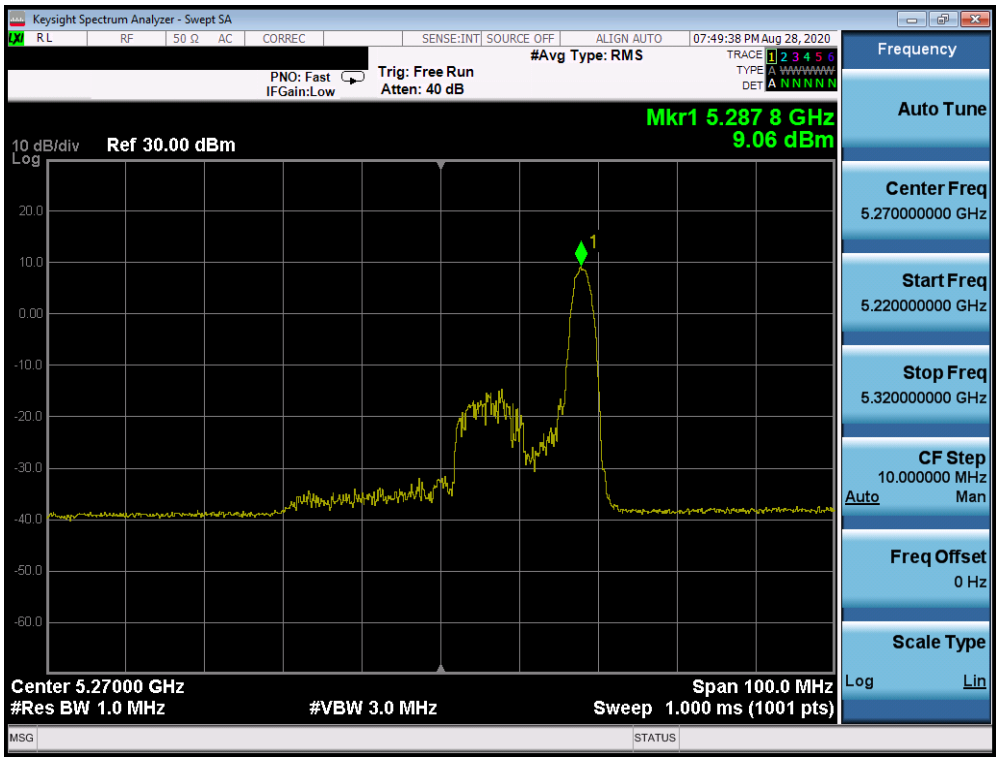
Plot 7-348. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 2A) – Ch. 64)



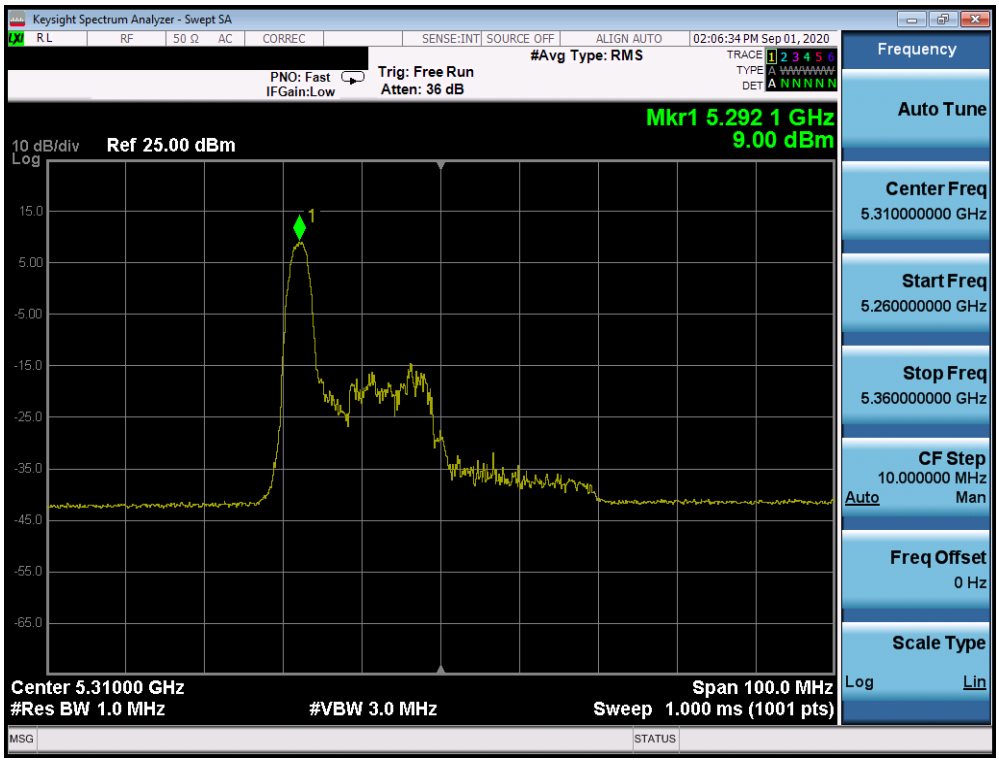
Plot 7-349. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 54)



Plot 7-350. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 54)

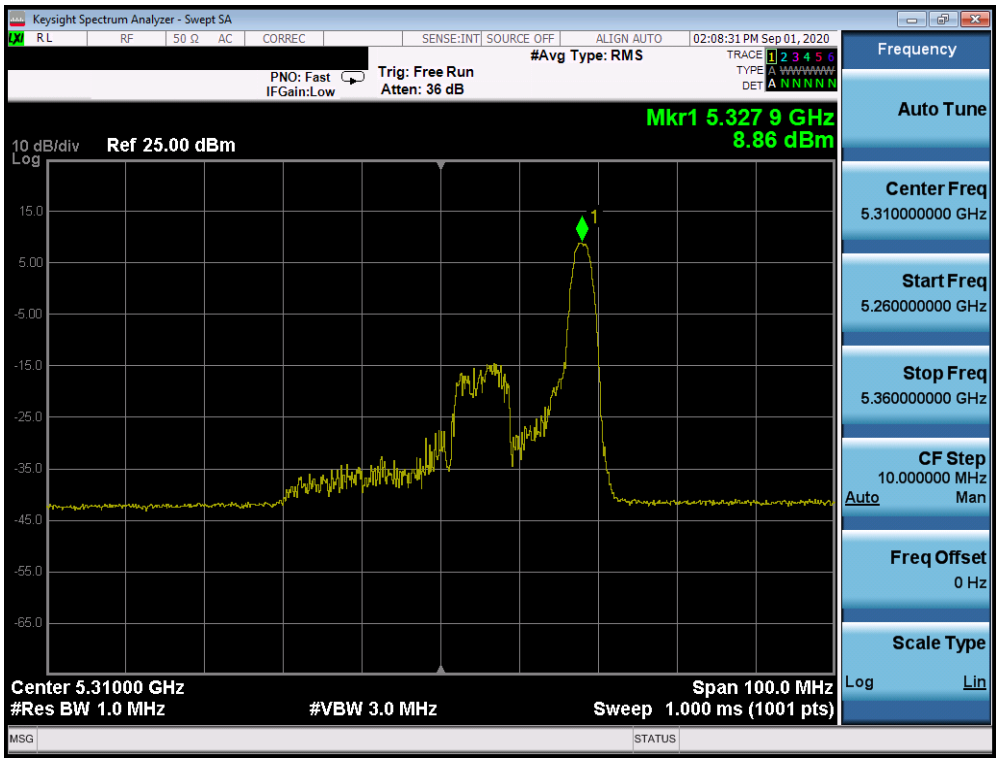


Plot 7-351. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 54)

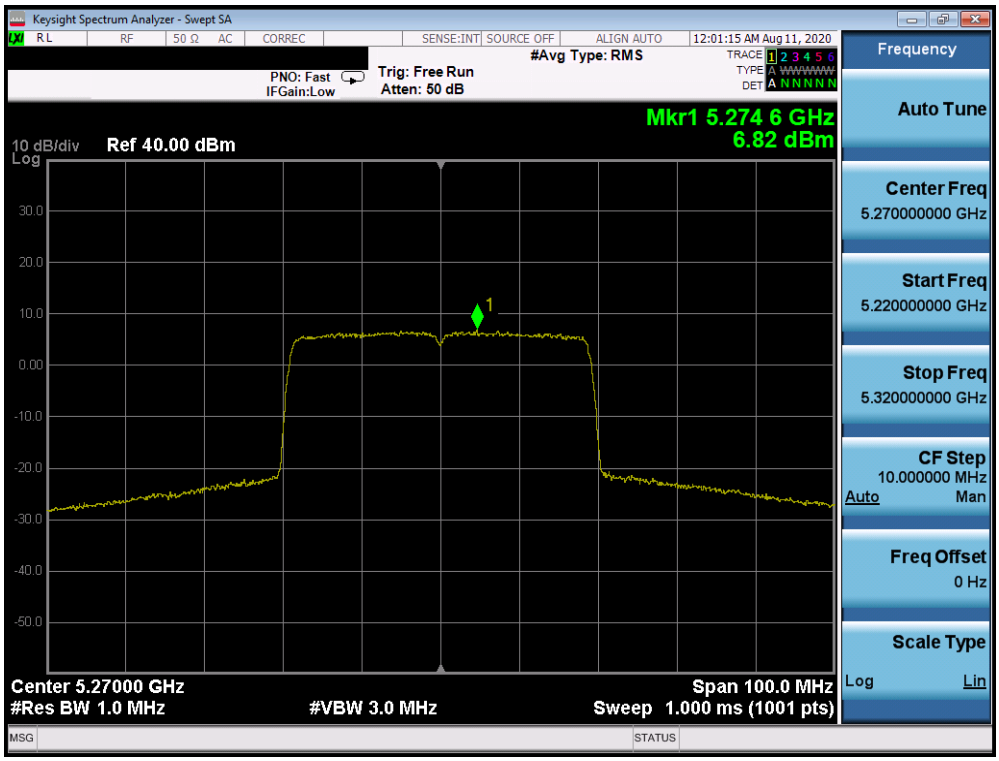


Plot 7-352. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 62)

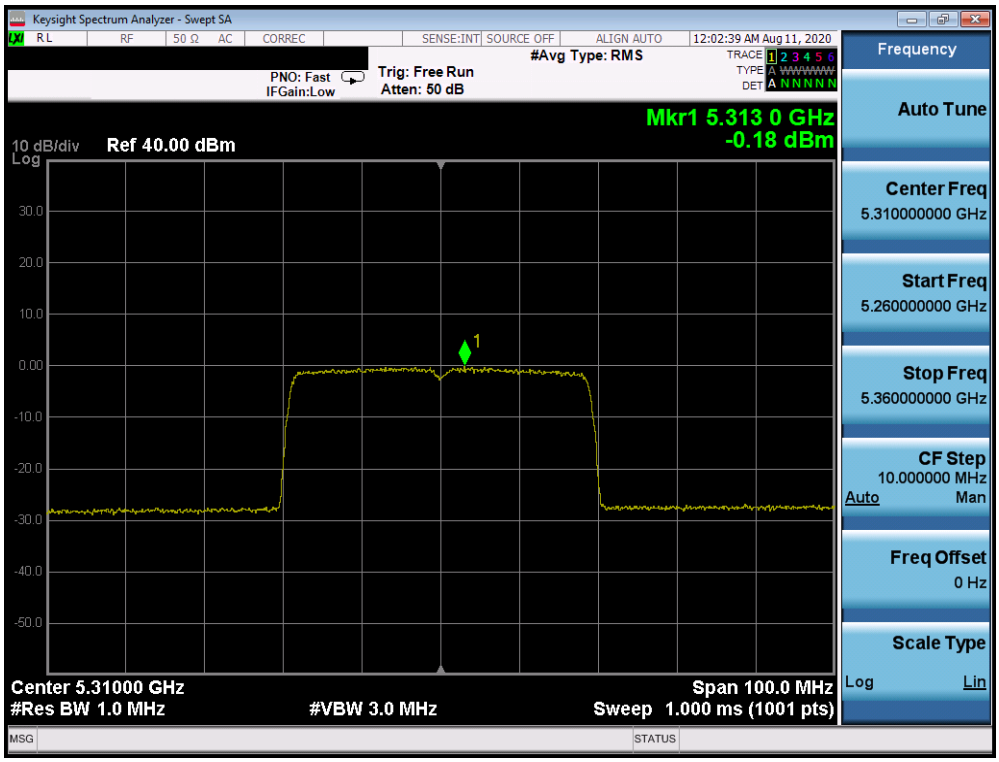
Plot 7-353. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2A) – Ch. 62)



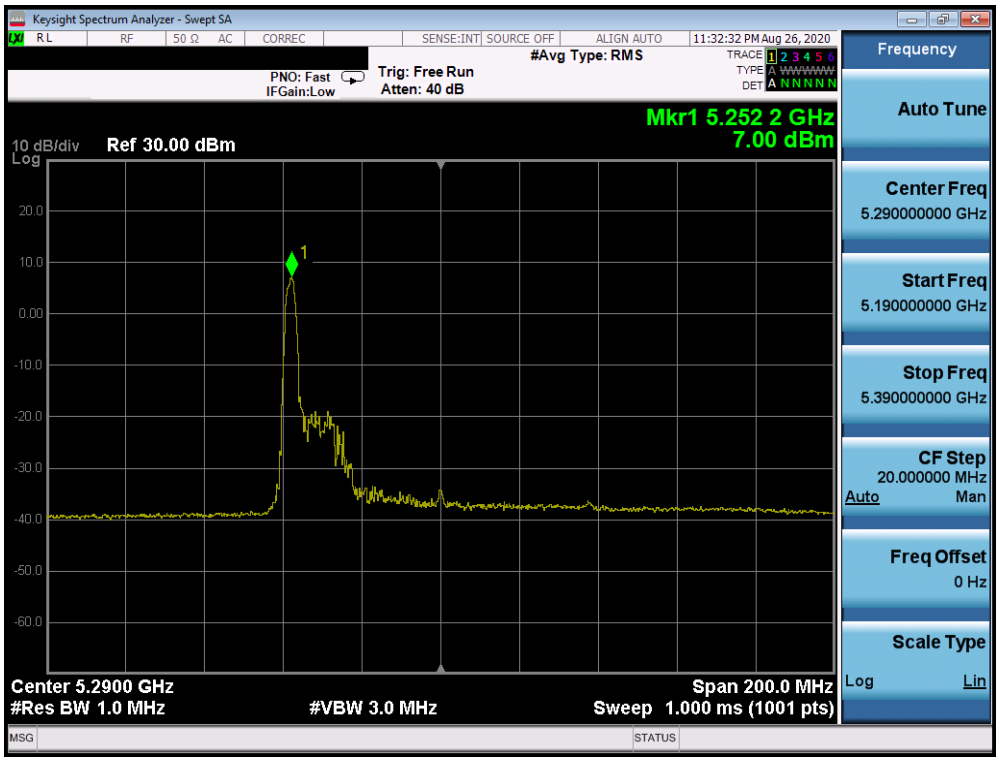
Plot 7-354. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2A) – Ch. 62)



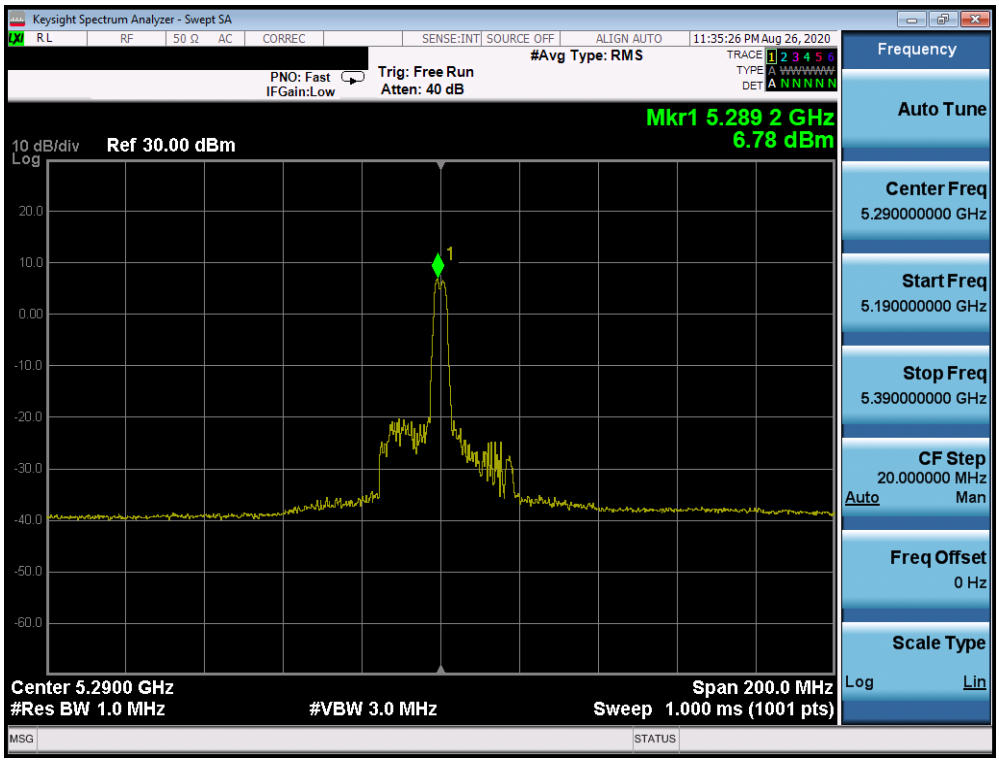
Plot 7-355. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 2A) – Ch. 54)



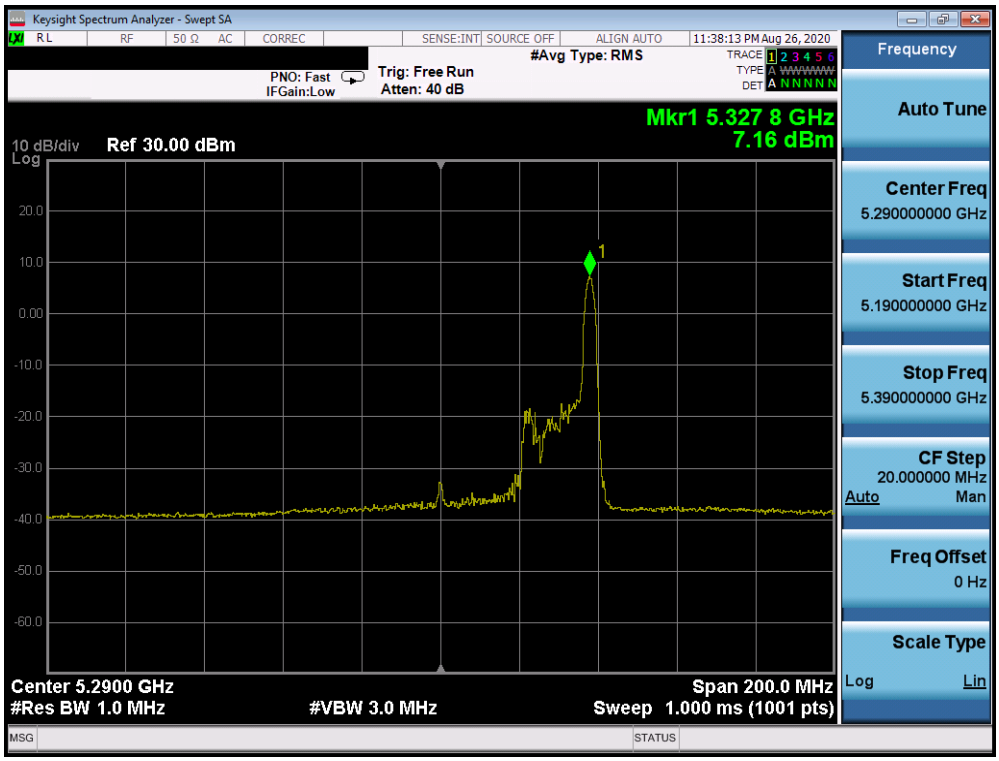
Plot 7-356. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 2A) – Ch. 62)



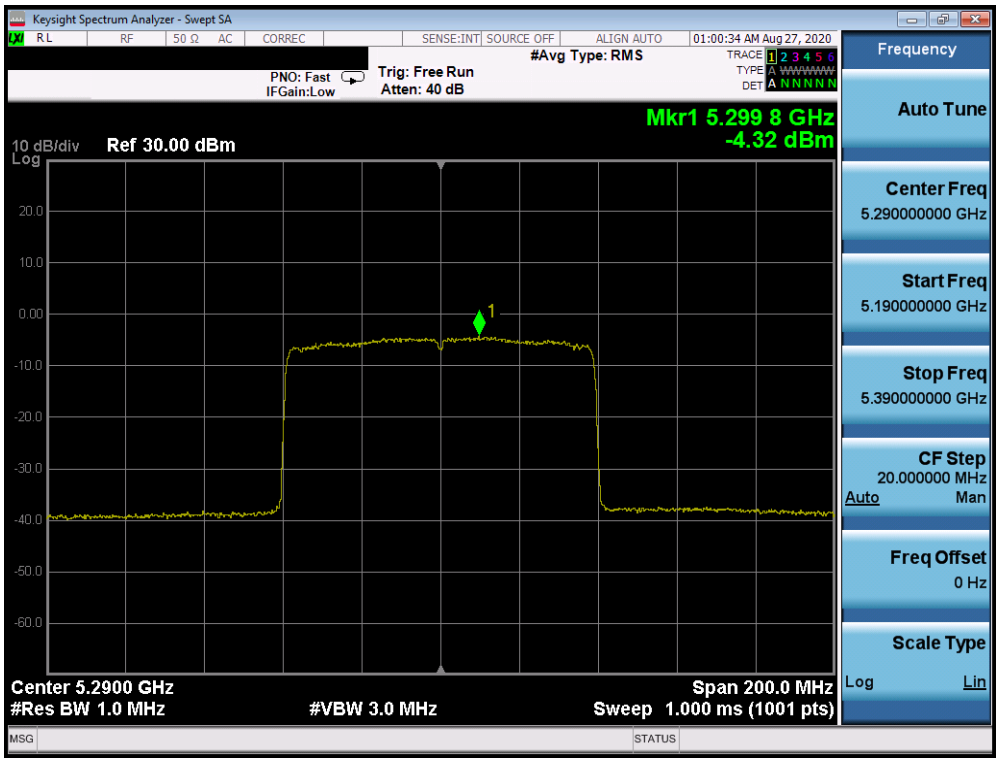
Plot 7-357. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2A) – Ch. 58)



Plot 7-358. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2A) – Ch. 58)

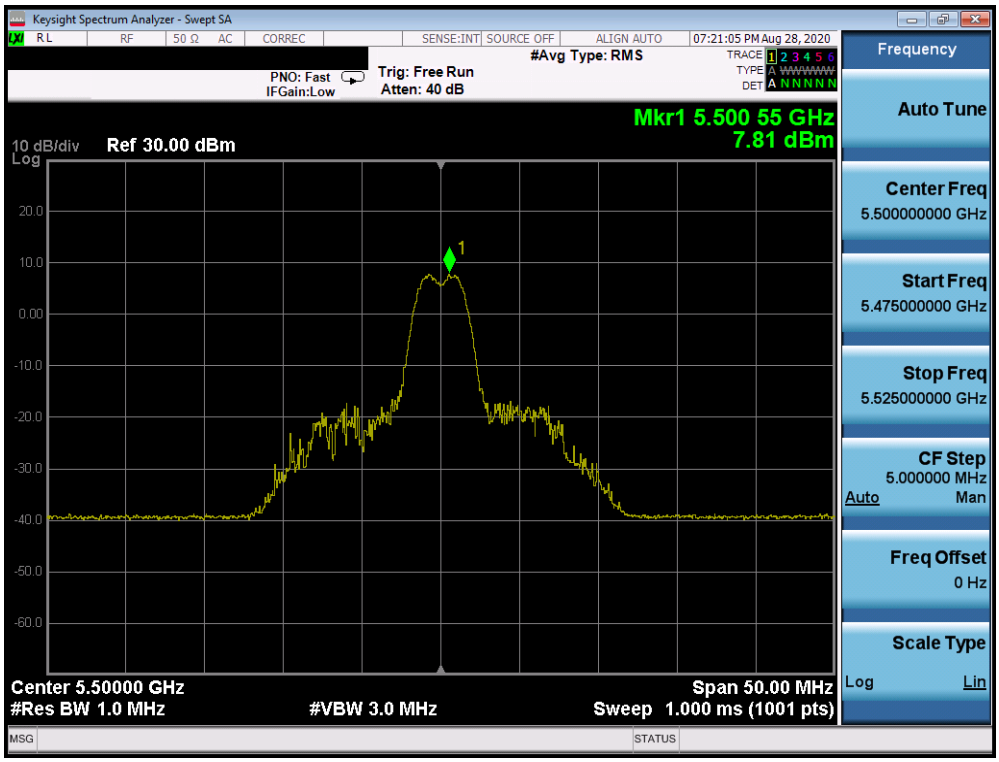


Plot 7-359. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2A) – Ch. 58)



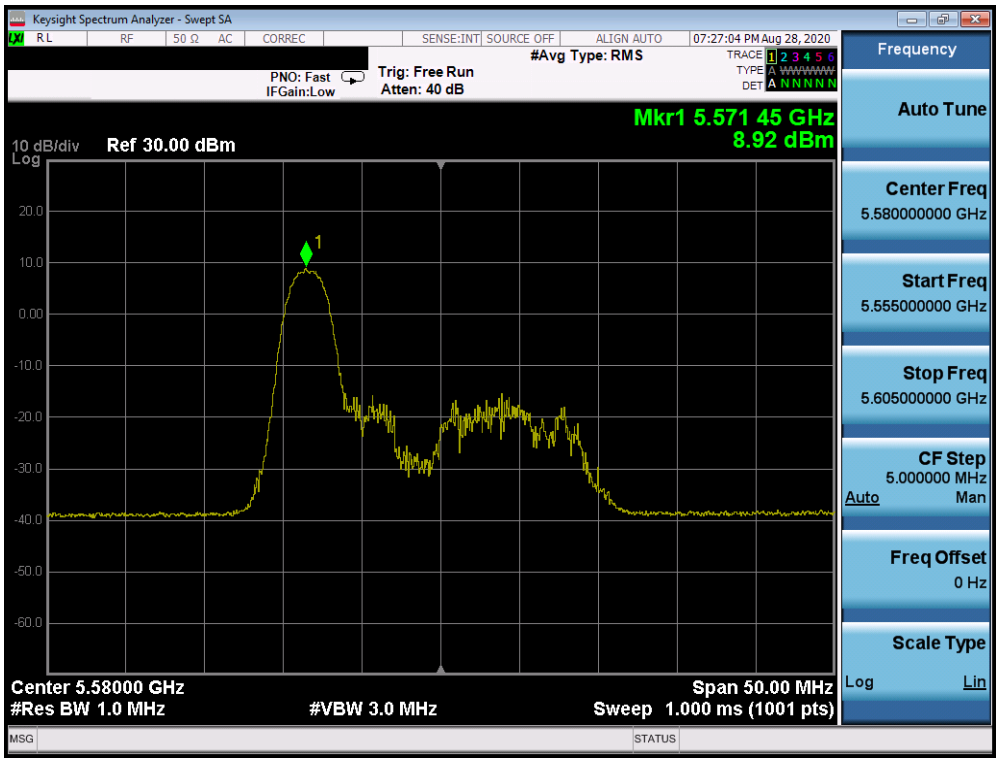
Plot 7-360. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax – RU996 (UNII Band 2A) – Ch. 58)

Plot 7-361. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 100)

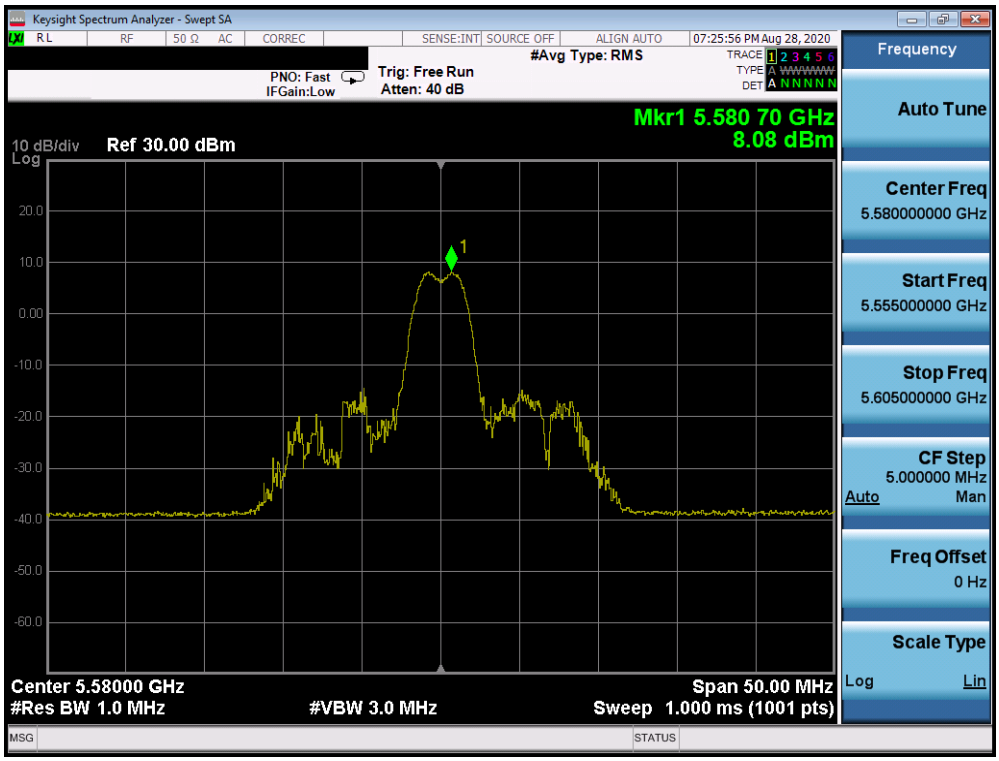


Plot 7-362. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 100)

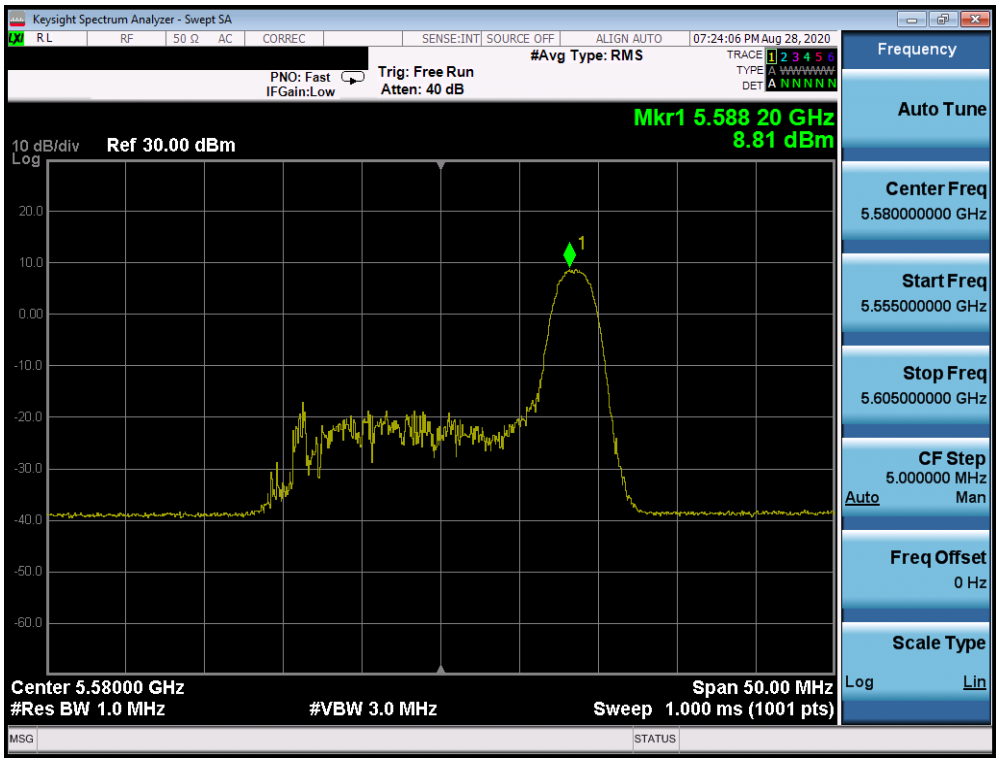
Plot 7-363. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 100)



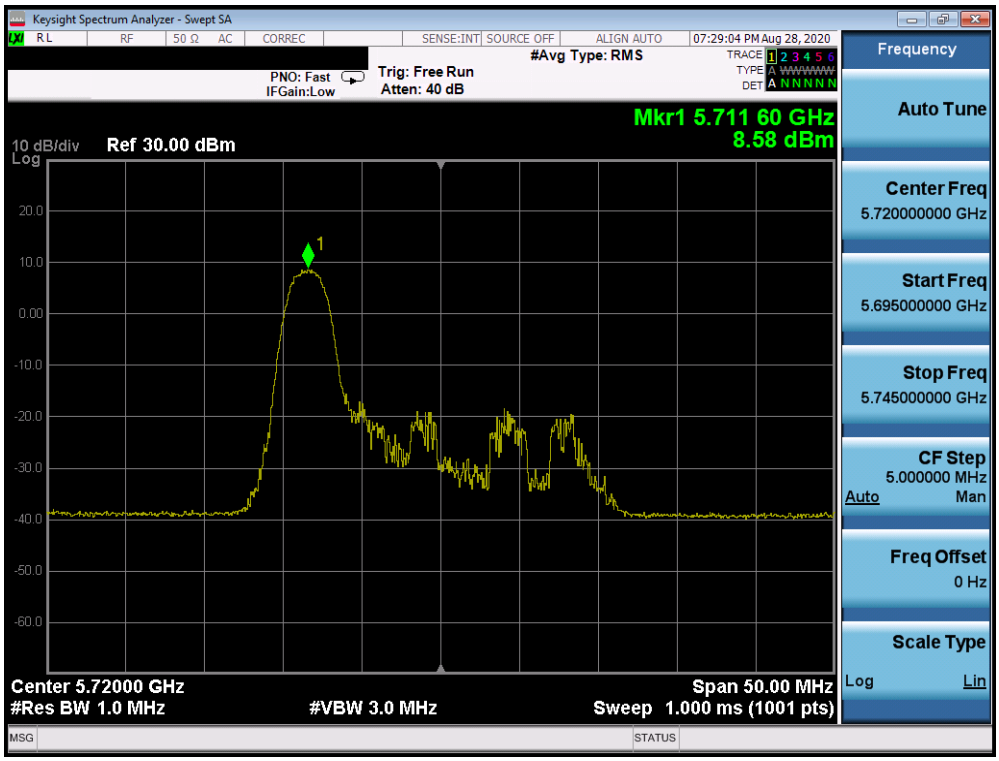
Plot 7-364. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 116)



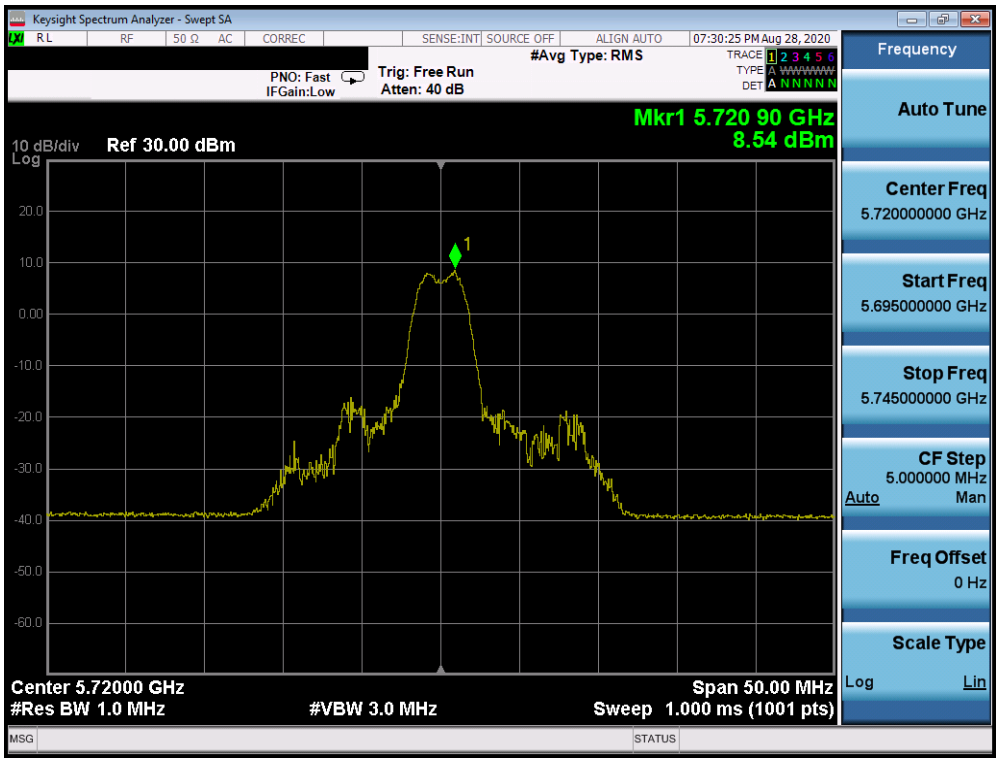
Plot 7-365. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 116)



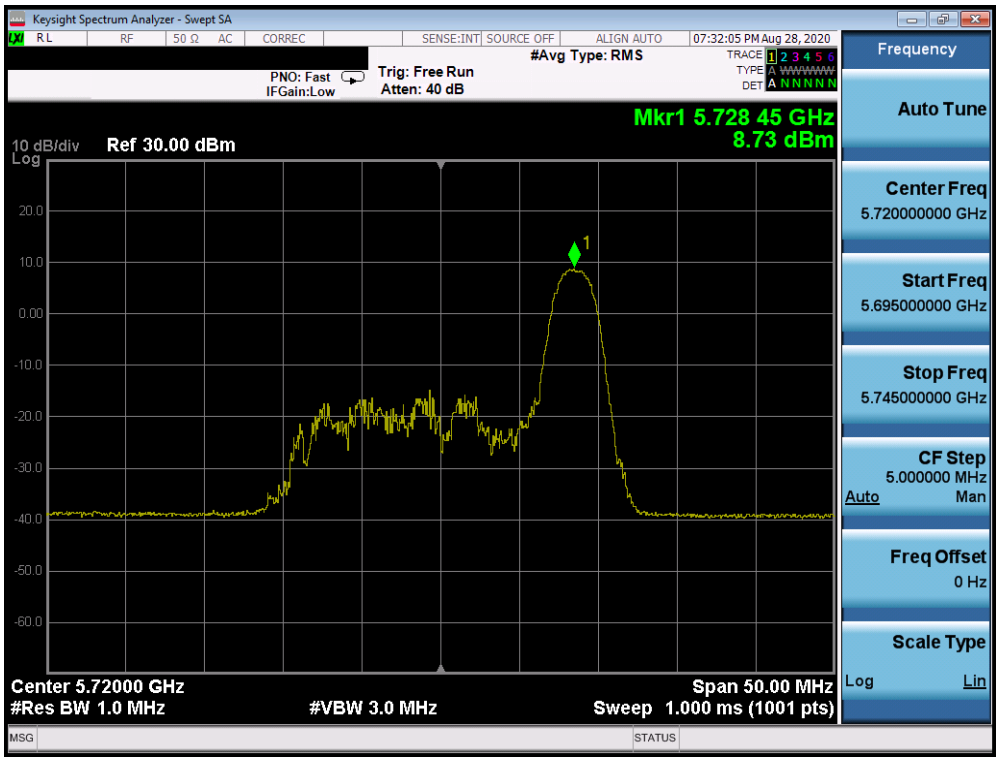
Plot 7-366. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 2C) – Ch. 116)



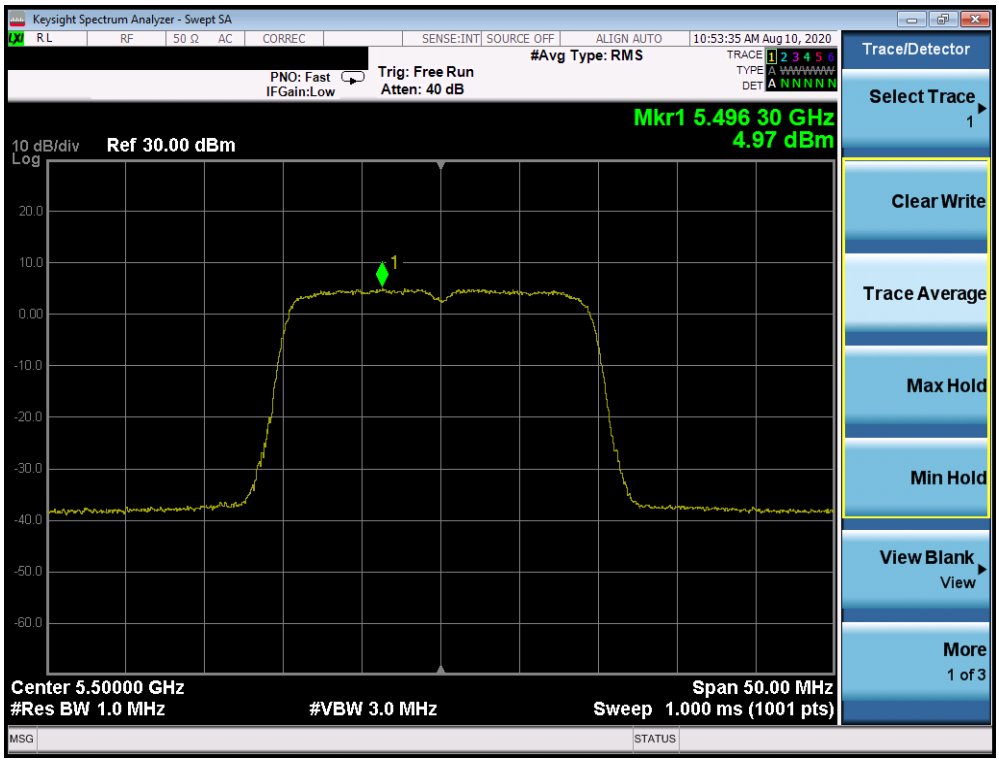
Plot 7-367. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 144)



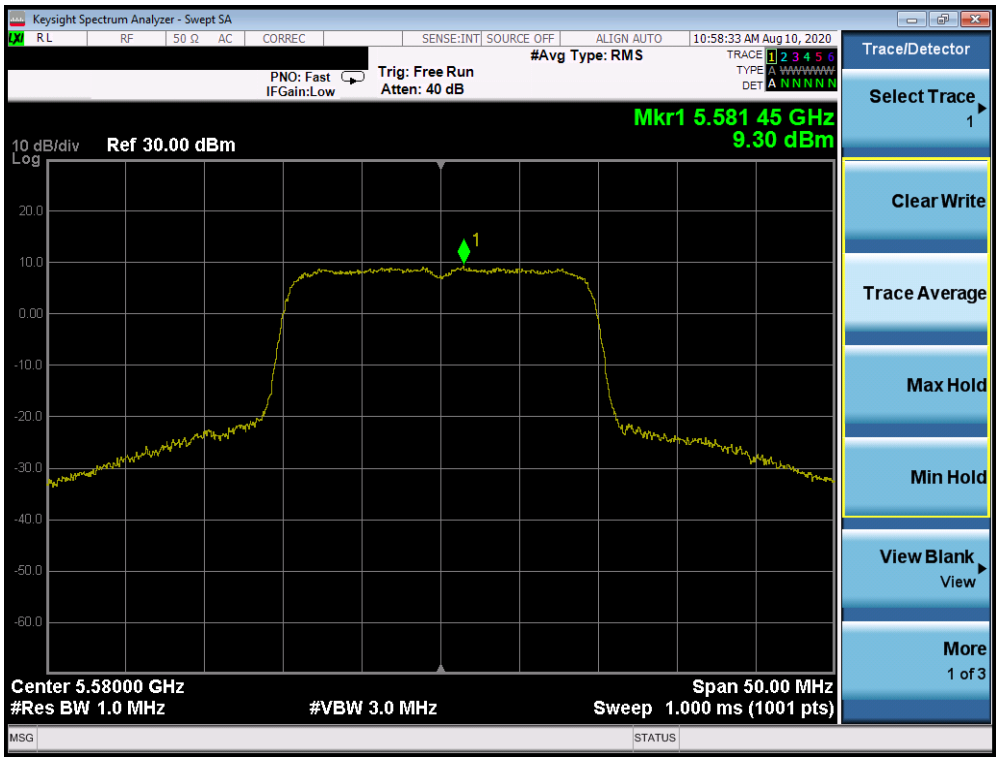
Plot 7-368. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 2C) – Ch. 144)



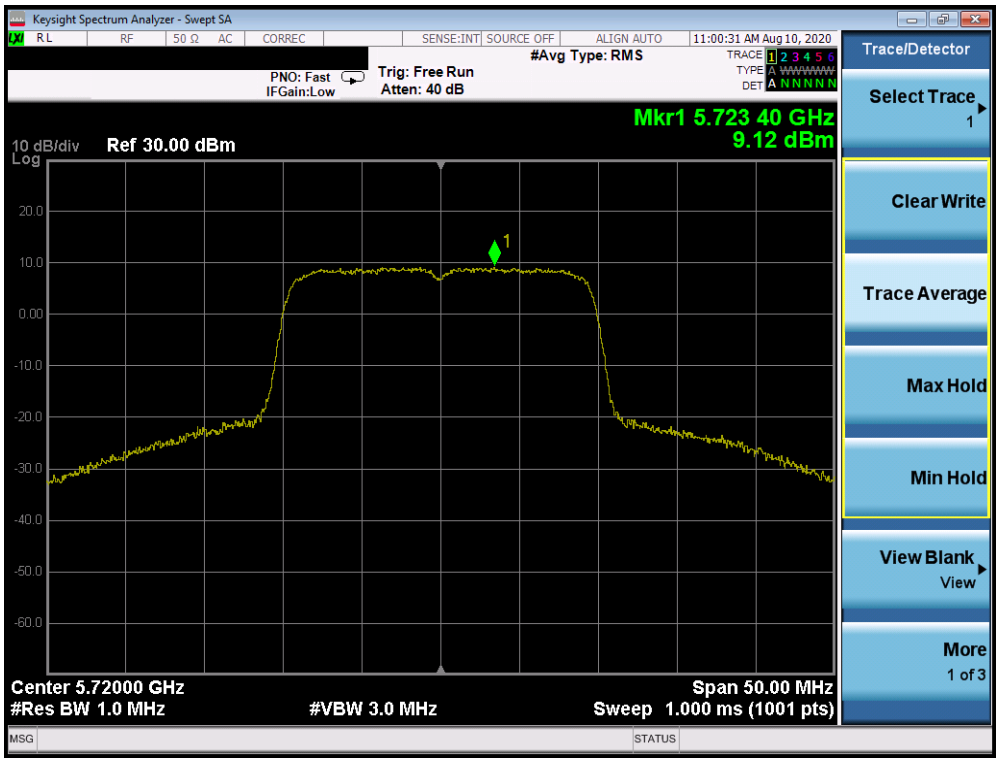
Plot 7-369. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 144)



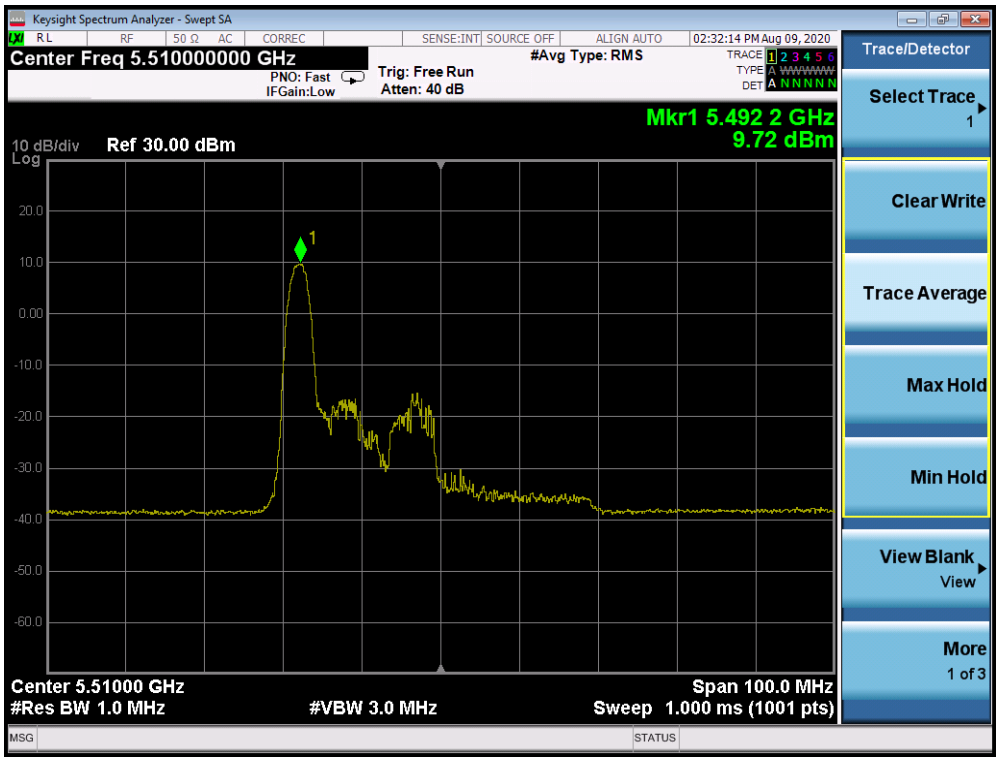
Plot 7-370. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 100)



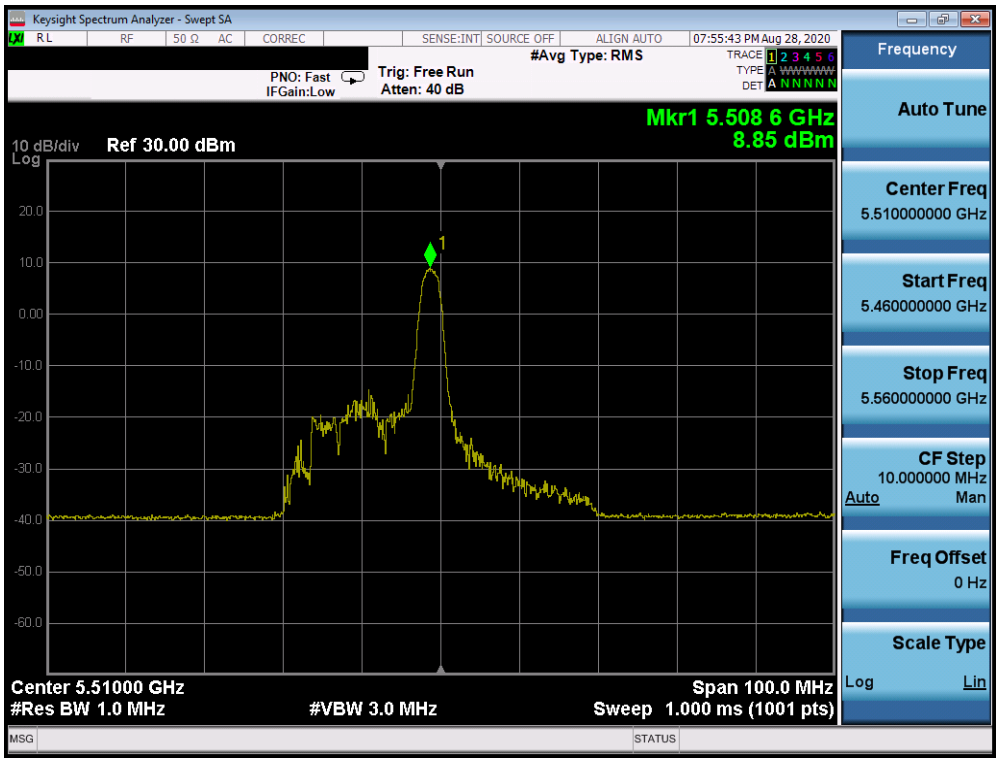
Plot 7-371. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 116)



Plot 7-372. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 2C) – Ch. 144)

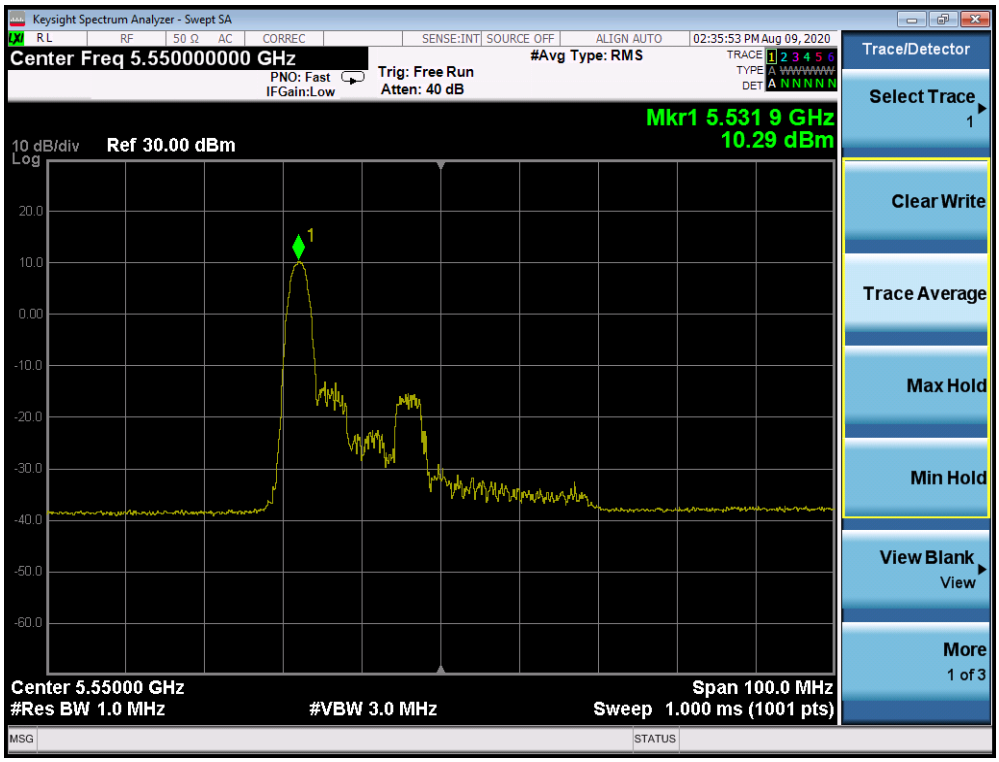


Plot 7-373. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 102)

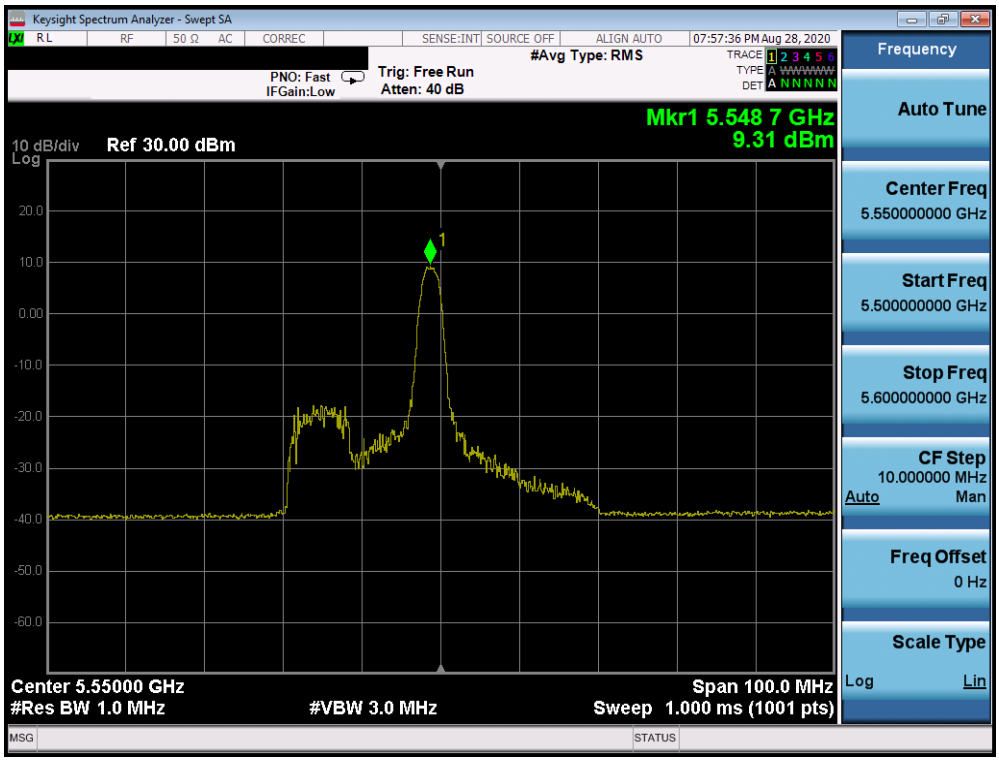


Plot 7-374. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 102)

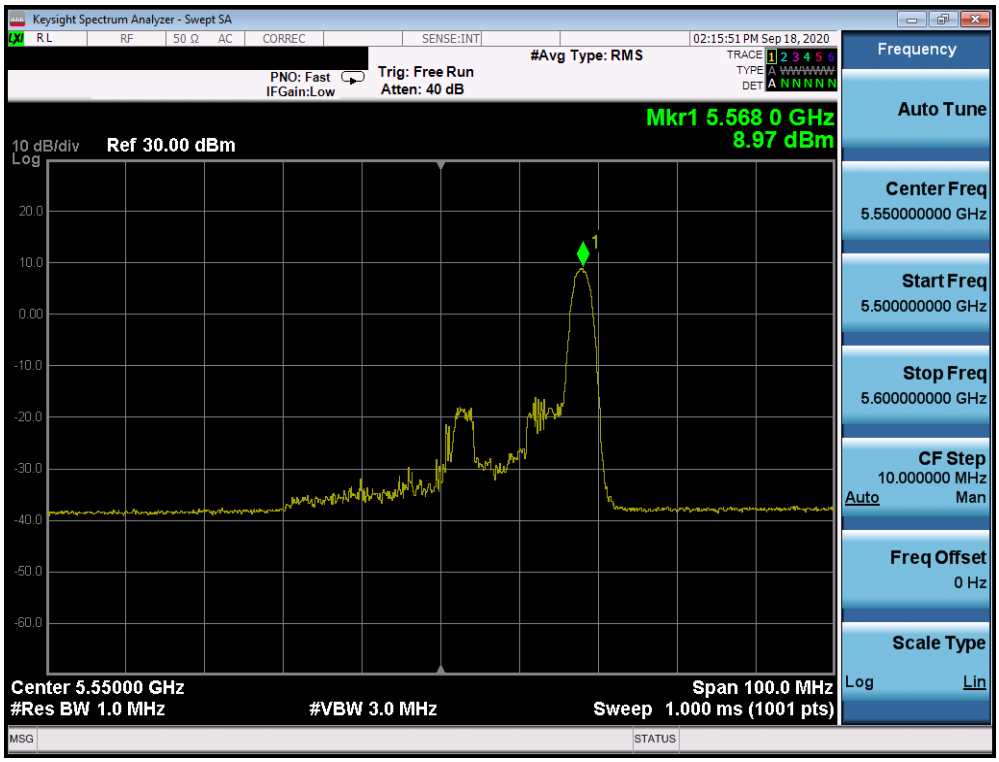
Plot 7-375. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 102)



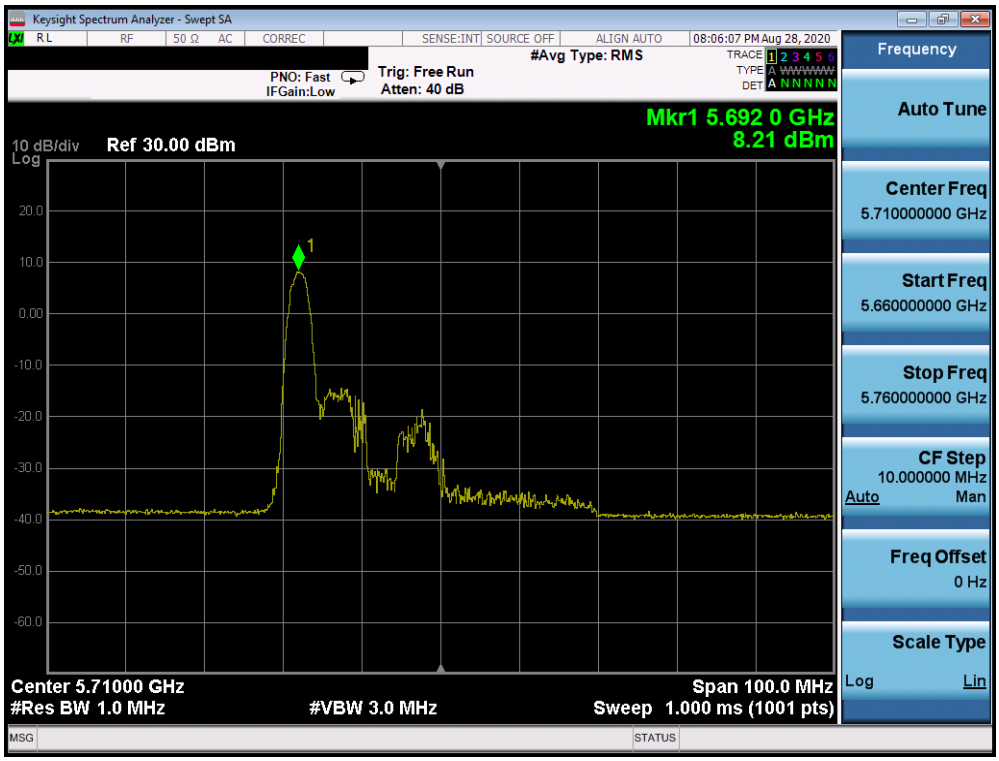
Plot 7-376. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 110)



Plot 7-377. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 110)



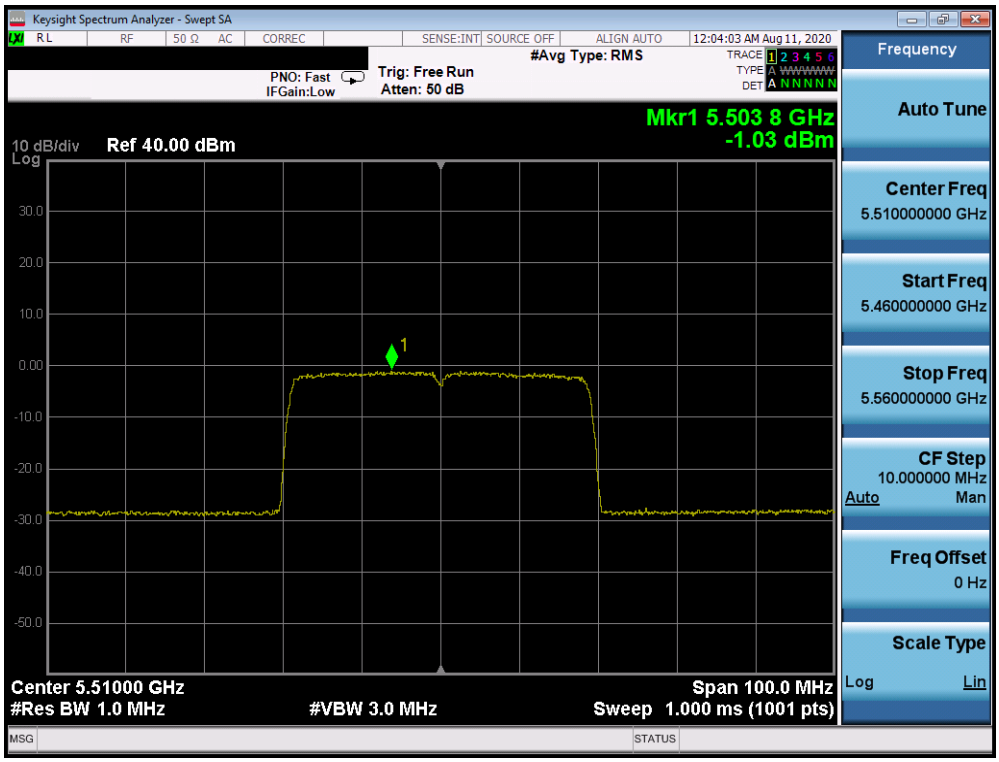
Plot 7-378. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 110)



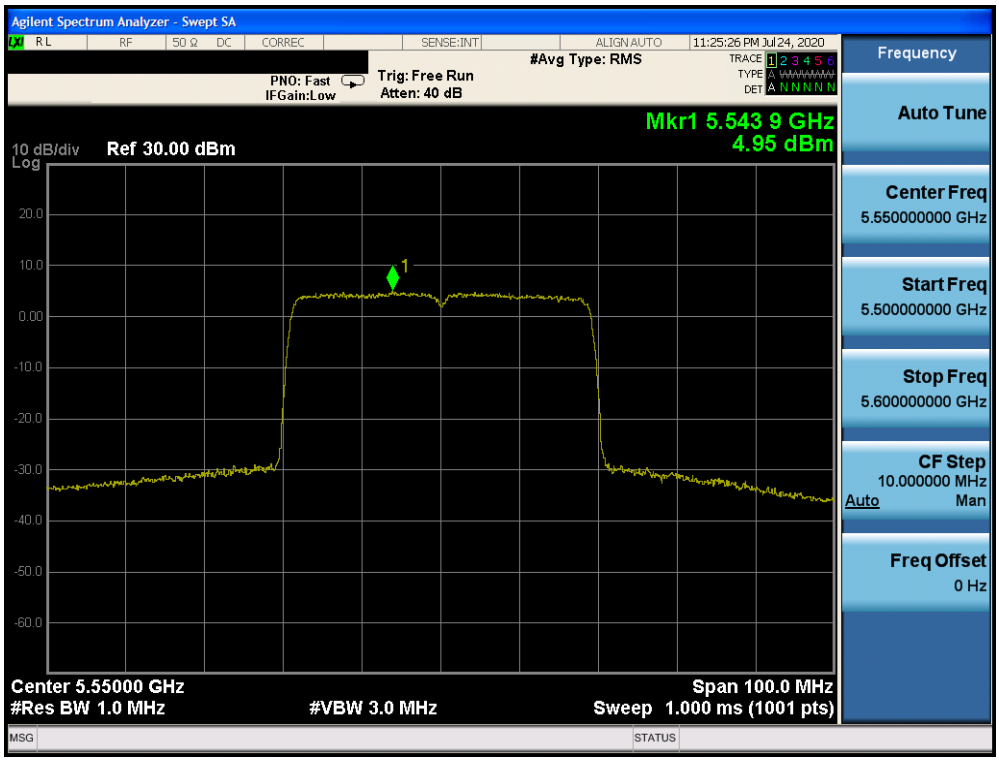
Plot 7-379. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 142)

Plot 7-380. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 2C) – Ch. 142)

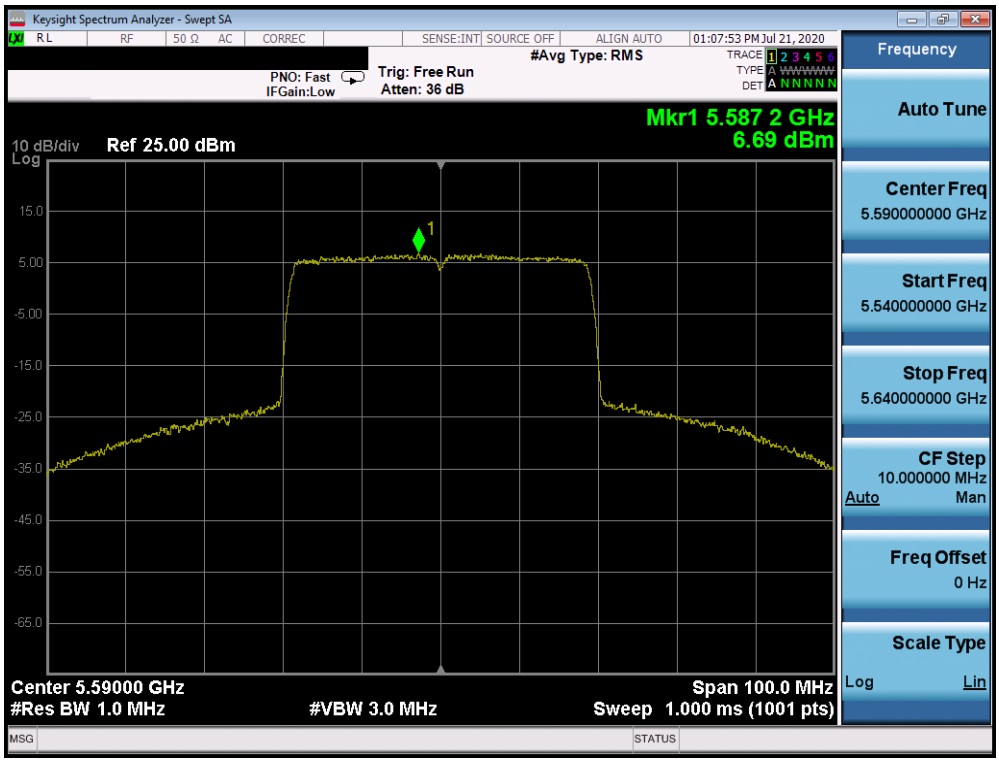
Plot 7-381. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 2C) – Ch. 142)



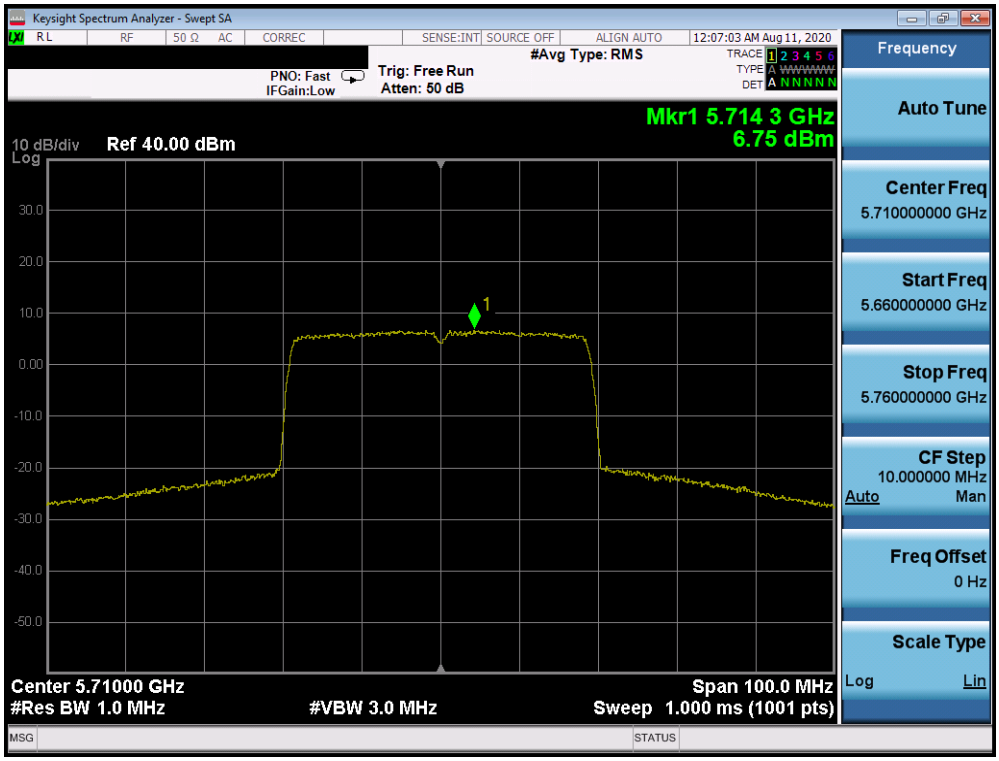
Plot 7-382. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 102)



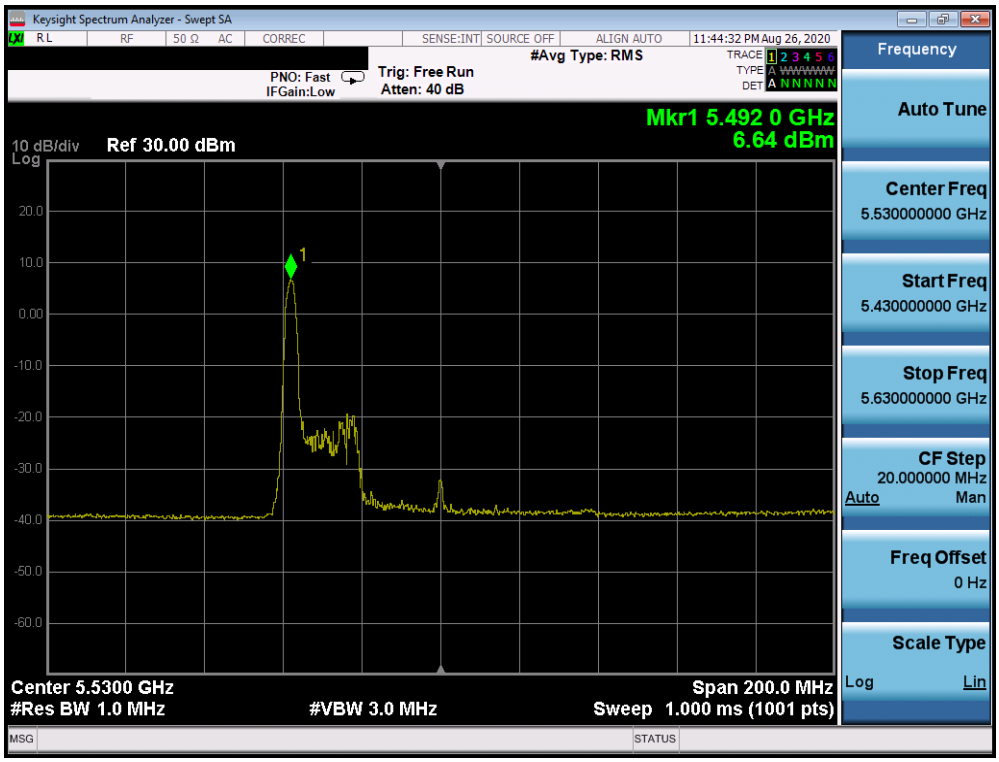
Plot 7-383. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 110)



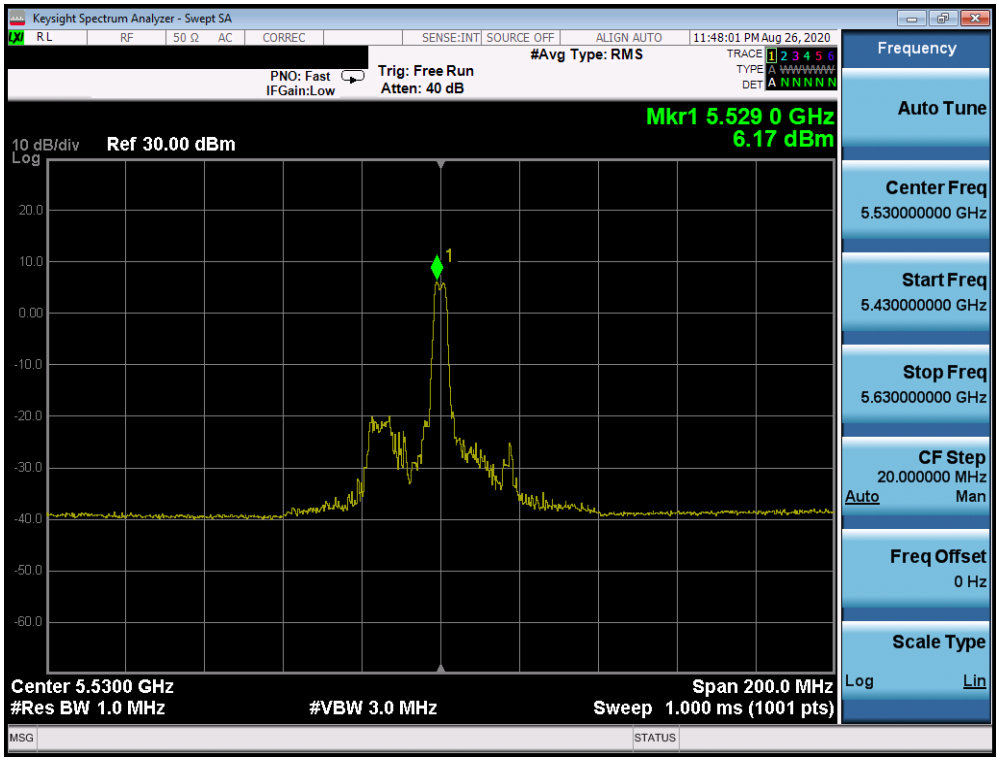
Plot 7-384. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 118)



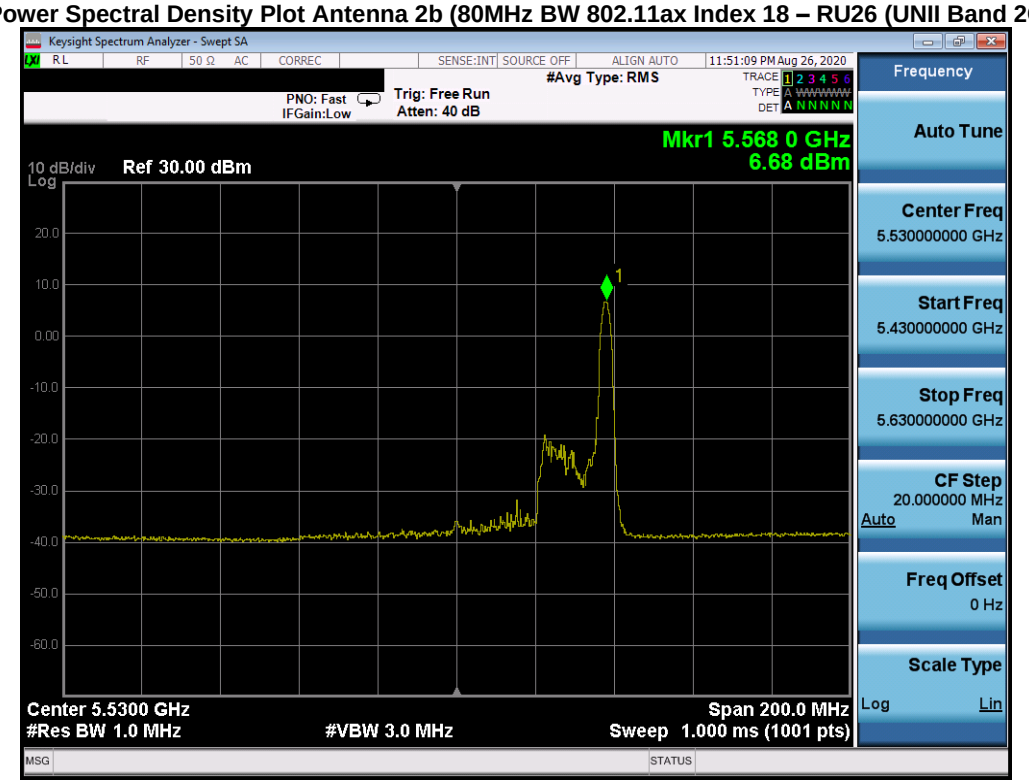
Plot 7-385. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 2C) – Ch. 142)



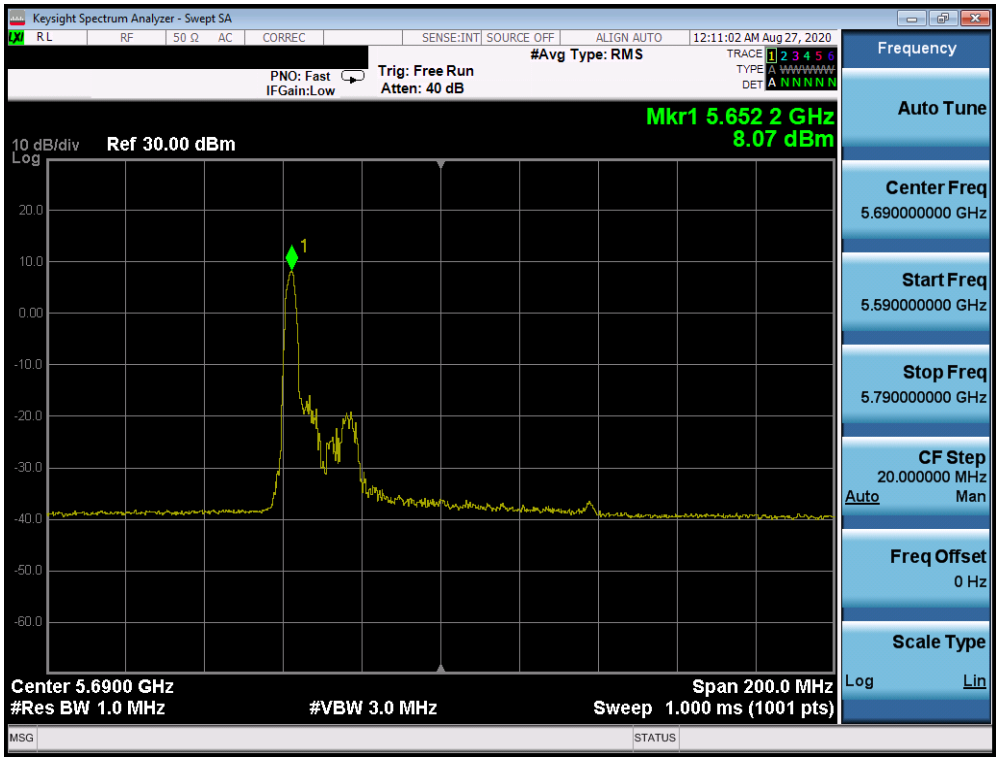
Plot 7-386. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 106)



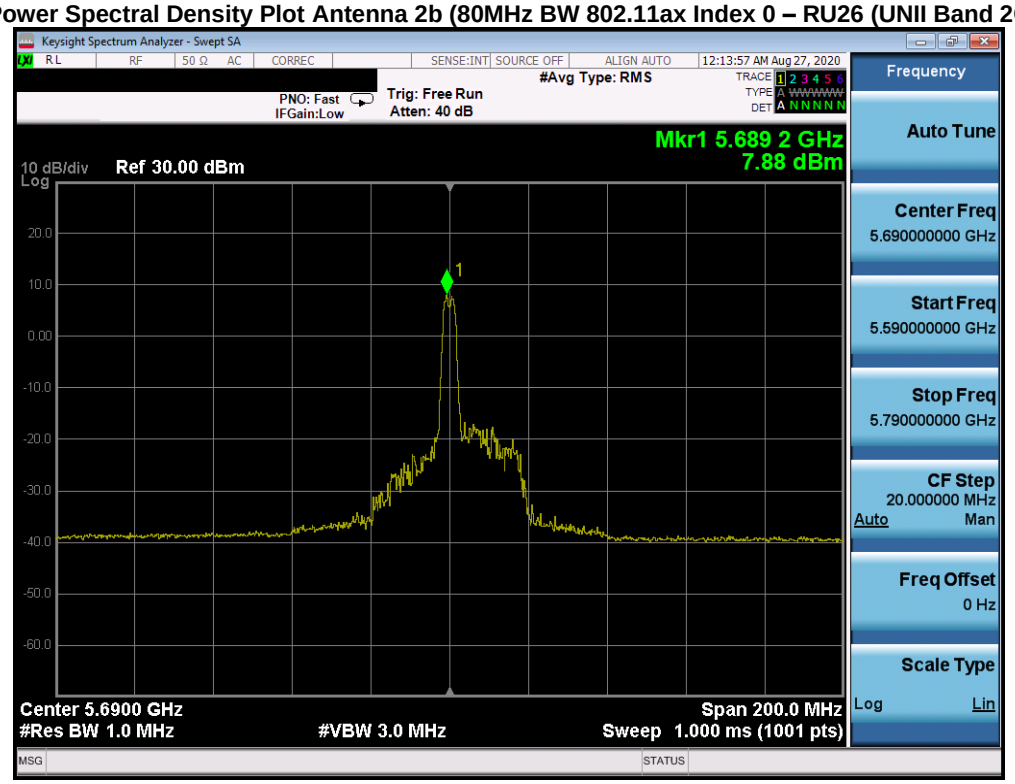
Plot 7-387. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 106)



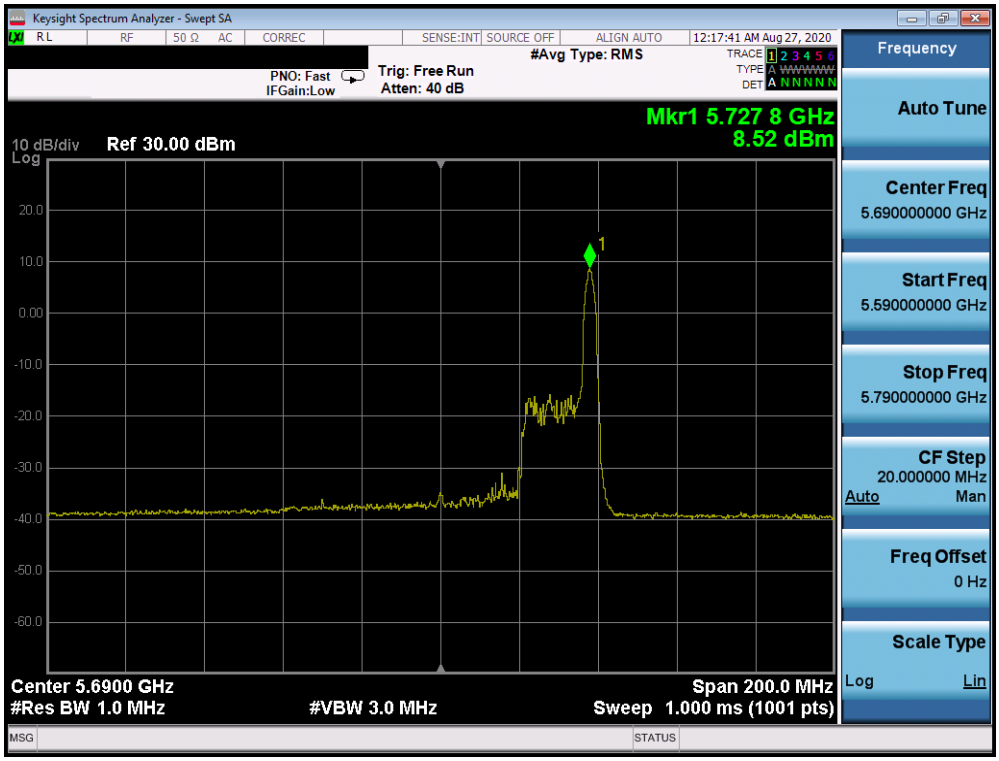
Plot 7-388. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 106)



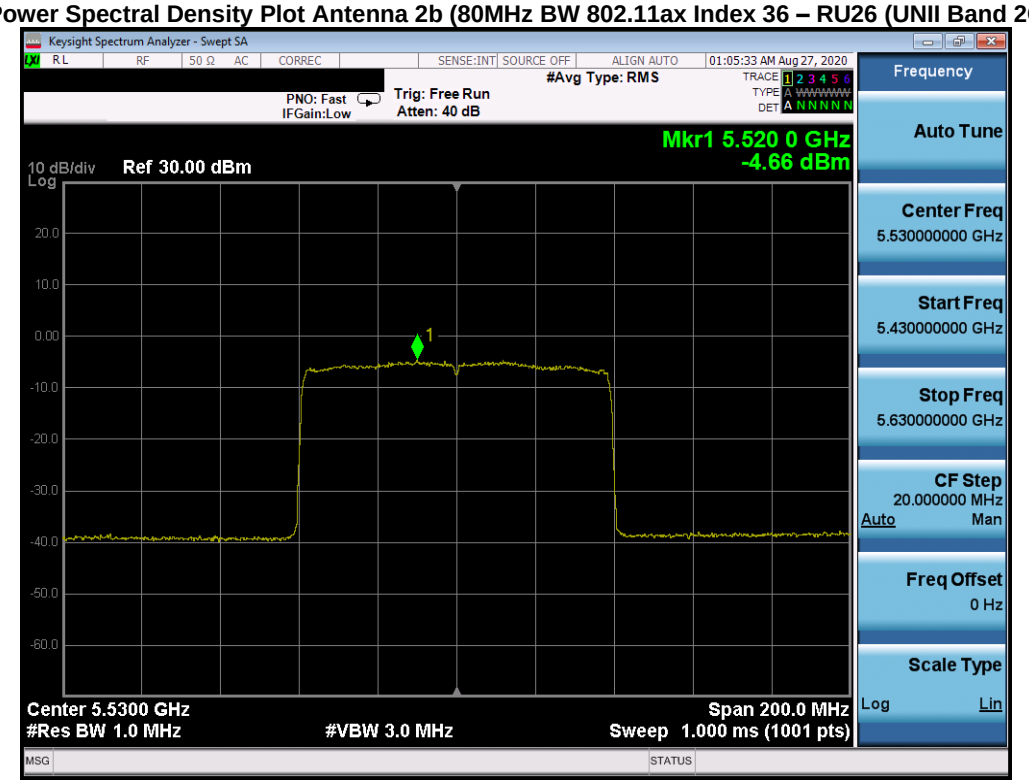
Plot 7-389. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 2C) – Ch. 138)



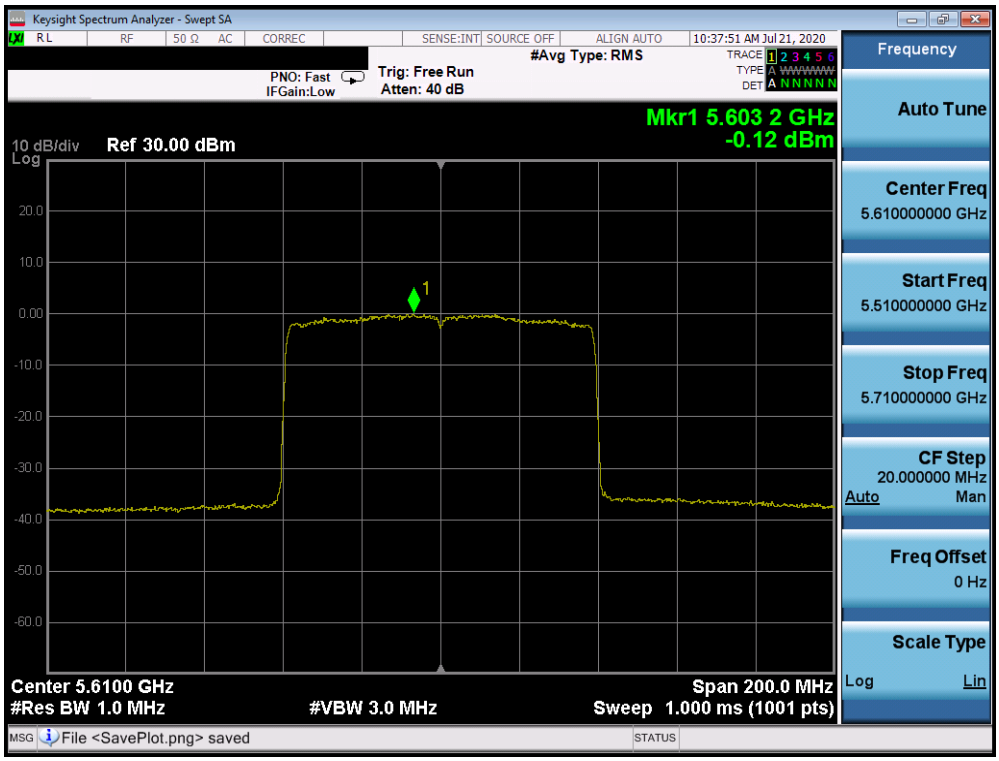
Plot 7-390. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 2C) – Ch. 138)



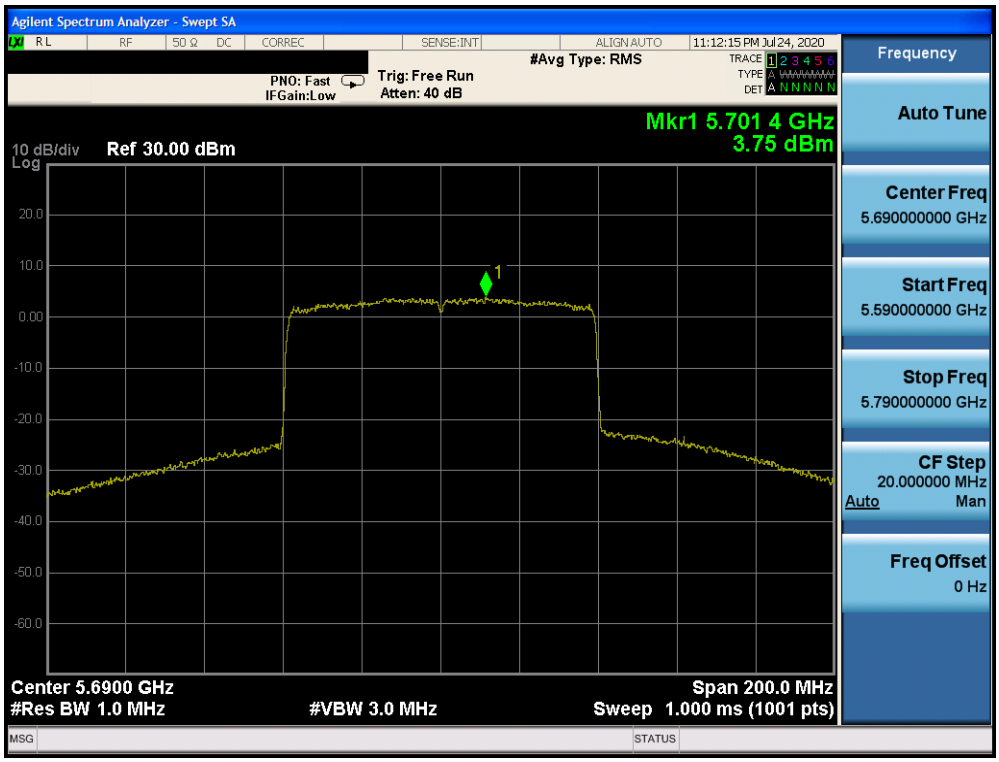
Plot 7-391. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 2C) – Ch. 138)



Plot 7-392. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 106)



Plot 7-393. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 122)



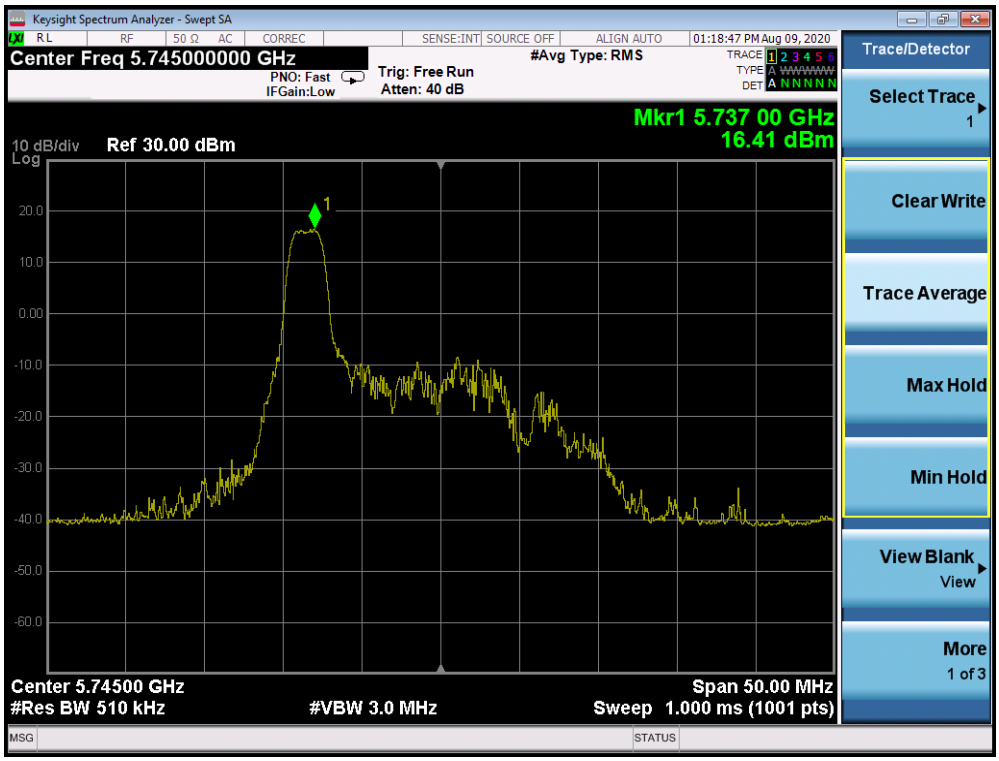
Plot 7-394. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax – RU996 (UNII Band 2C) – Ch. 138)

	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)	16.41	30.00	-13.59
				26	4	135/143.4 (MCS11)	16.66	30.00	-13.34
				26	8	135/143.4 (MCS11)	16.55	30.00	-13.45
	5785	157	ax (20MHz)	26	0	135/143.4 (MCS11)	16.35	30.00	-13.65
				26	4	135/143.4 (MCS11)	16.81	30.00	-13.19
				26	8	135/143.4 (MCS11)	16.51	30.00	-13.49
	5825	165	ax (20MHz)	26	0	135/143.4 (MCS11)	16.34	30.00	-13.66
				26	4	135/143.4 (MCS11)	16.83	30.00	-13.17
				26	8	135/143.4 (MCS11)	16.64	30.00	-13.36
	5755	151	ax (40MHz)	26	0	271/286.8 (MCS11)	16.55	30.00	-13.45
				26	8	271/286.8 (MCS11)	16.99	30.00	-13.01
				26	17	271/286.8 (MCS11)	16.71	30.00	-13.29
	5795	159	ax (40MHz)	26	0	271/286.8 (MCS11)	16.46	30.00	-13.54
				26	8	271/286.8 (MCS11)	16.82	30.00	-13.18
				26	17	271/286.8 (MCS11)	16.51	30.00	-13.49
	5775	155	ax (80MHz)	26	0	567/600.5 (MCS11)	11.19	30.00	-18.81
				26	18	567/600.5 (MCS11)	11.30	30.00	-18.70
				26	36	567/600.5 (MCS11)	11.38	30.00	-18.62

Table 7-106. Band 3 Power Spectral Density Measurements Antenna 2b (RU26)

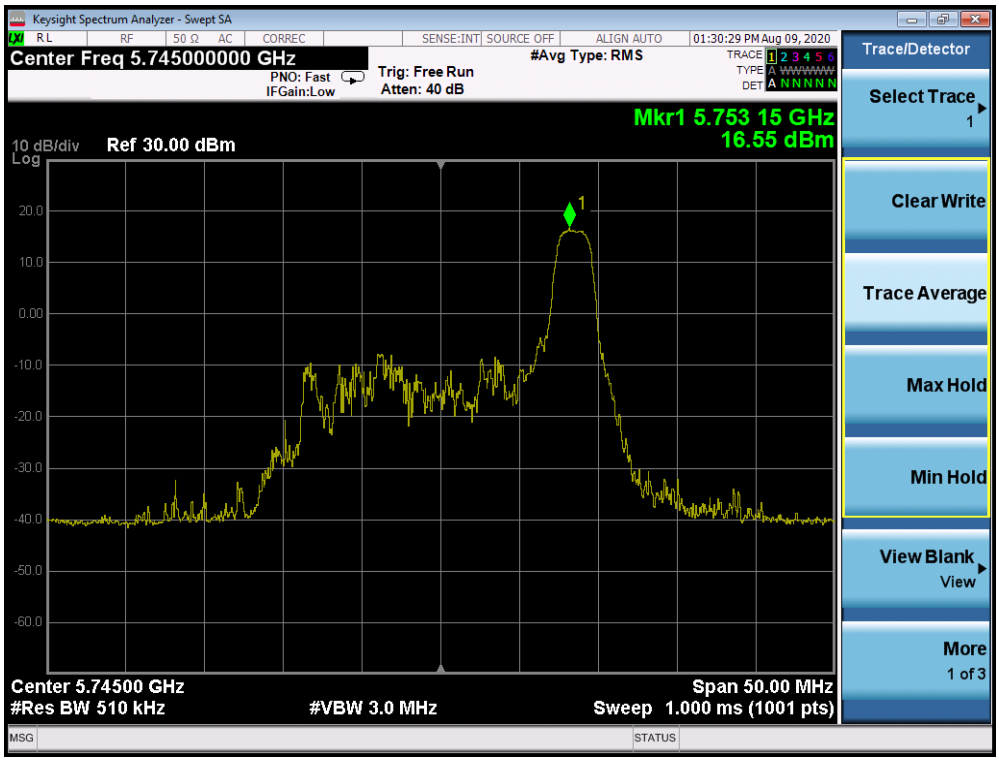
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	242	61	135/143.4 (MCS11)	7.35	30.00	-22.65
	5785	157	ax (20MHz)	242	61	135/143.4 (MCS11)	7.19	30.00	-22.81
	5825	165	ax (20MHz)	242	61	135/143.4 (MCS11)	7.60	30.00	-22.40
	5755	151	ax (40MHz)	484	65	271/286.8 (MCS11)	3.90	30.00	-26.10
	5795	159	ax (40MHz)	484	65	271/286.8 (MCS11)	3.50	30.00	-26.50
	5775	155	ax (80MHz)	996	67	567/600.5 (MCS11)	-3.12	30.00	-33.12

Table 7-107. Band 3 Power Spectral Density Measurements Antenna 2b (Fully-loaded RU)



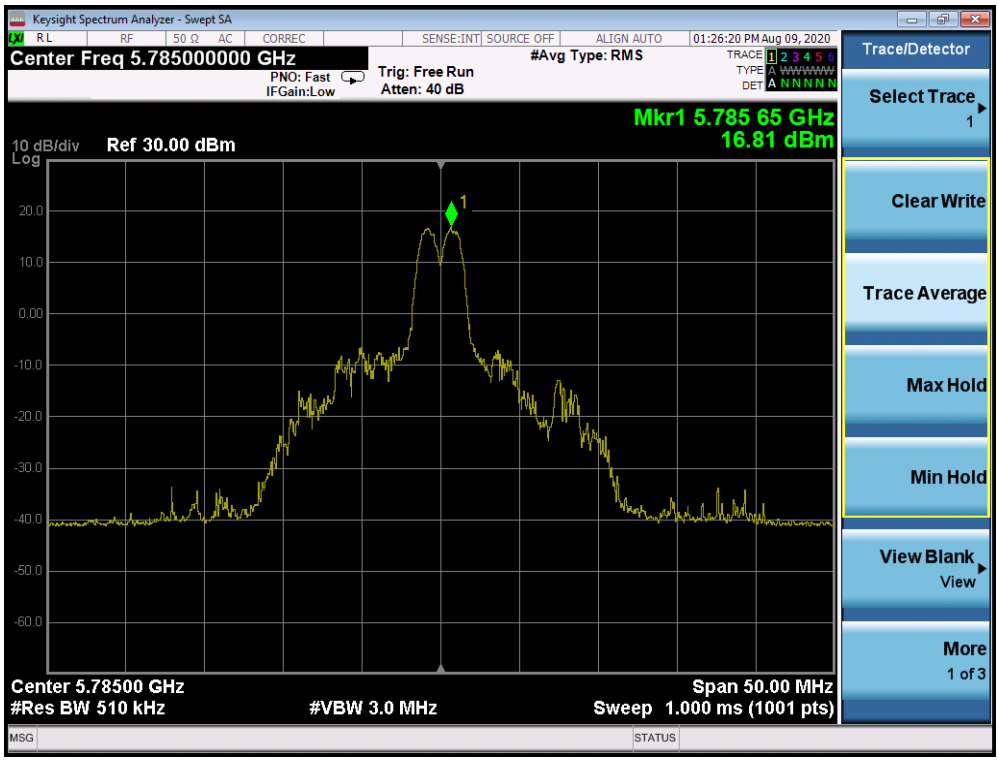
Plot 7-395. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 149)

Plot 7-396. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 149)

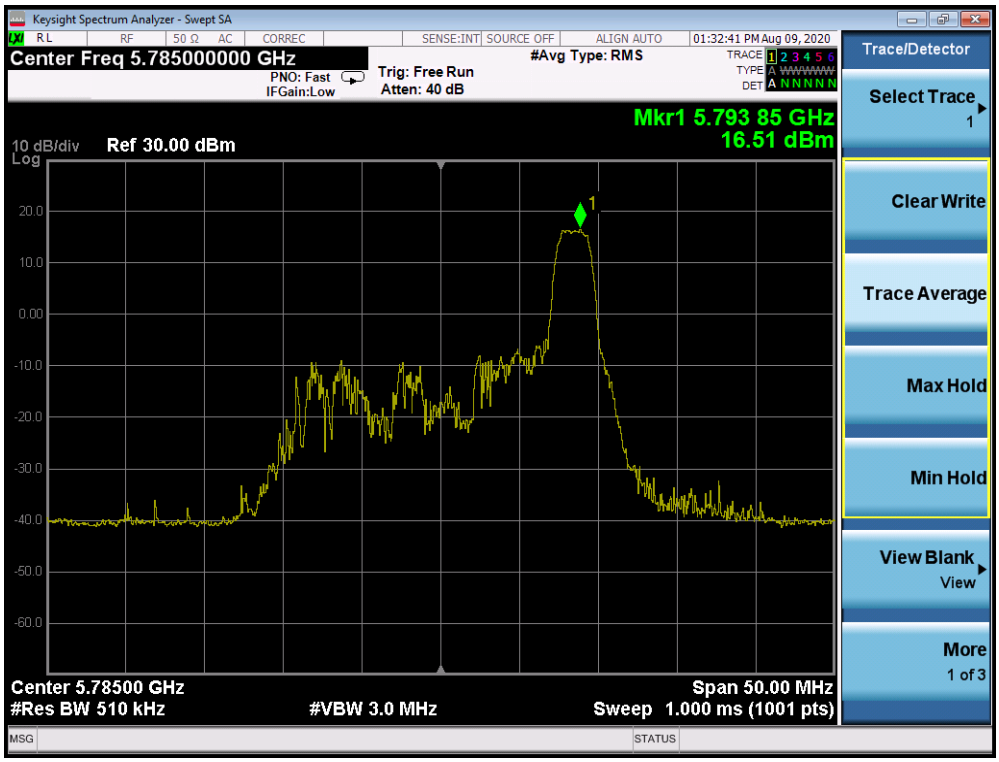


Plot 7-397. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 149)

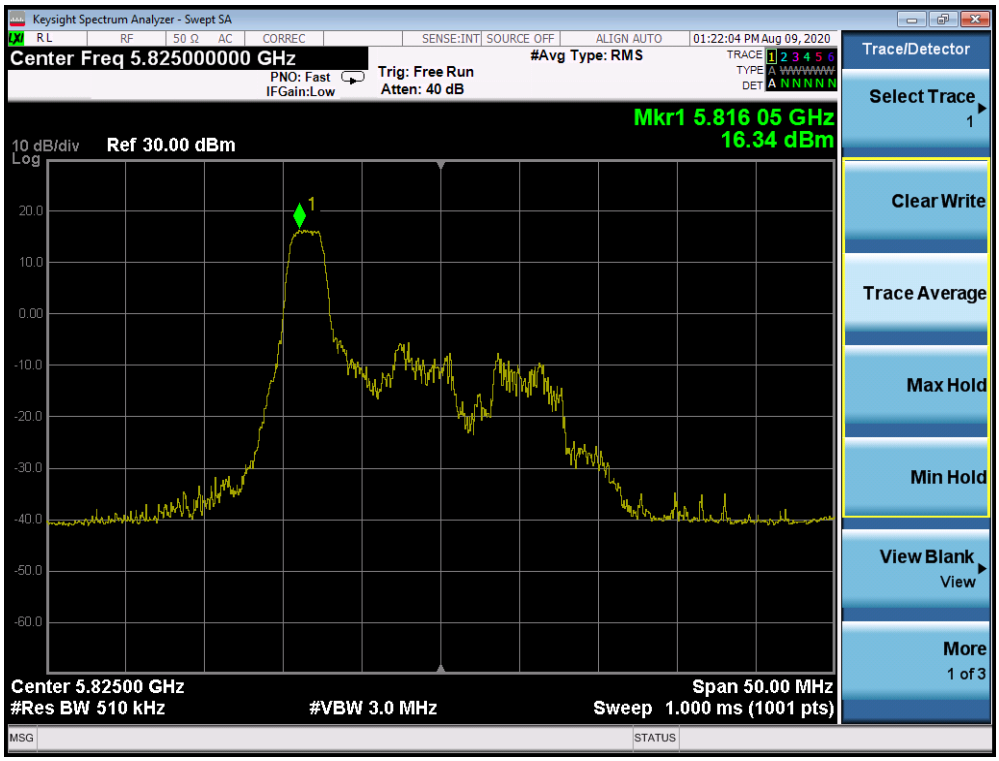
Plot 7-398. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 157)



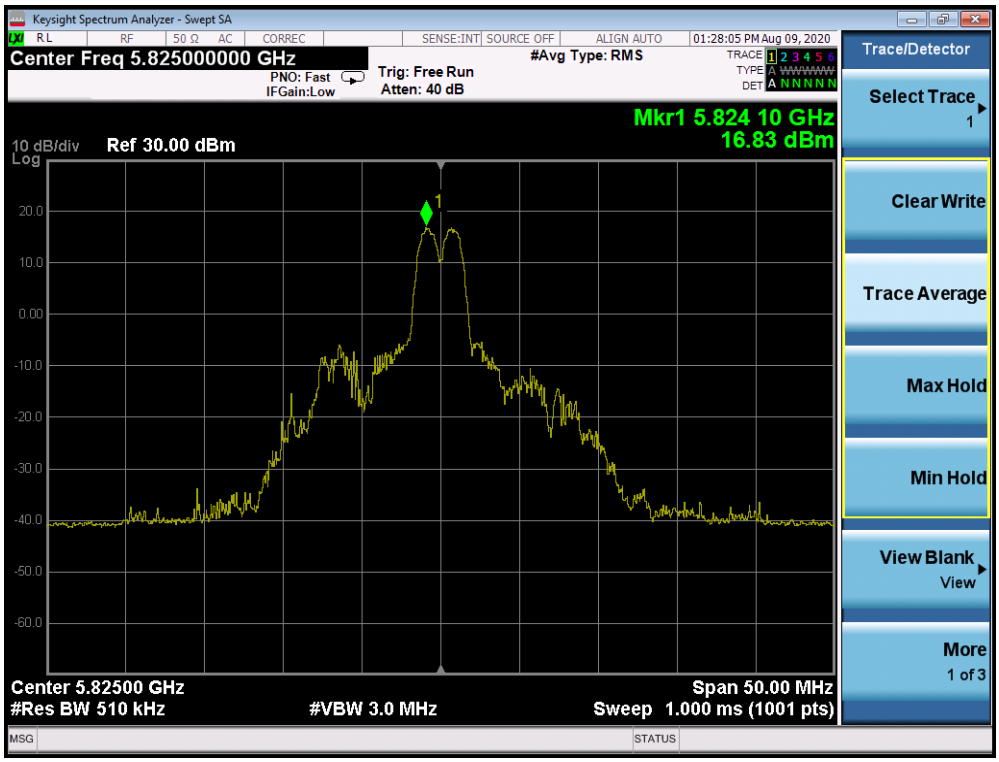
Plot 7-399. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 157)



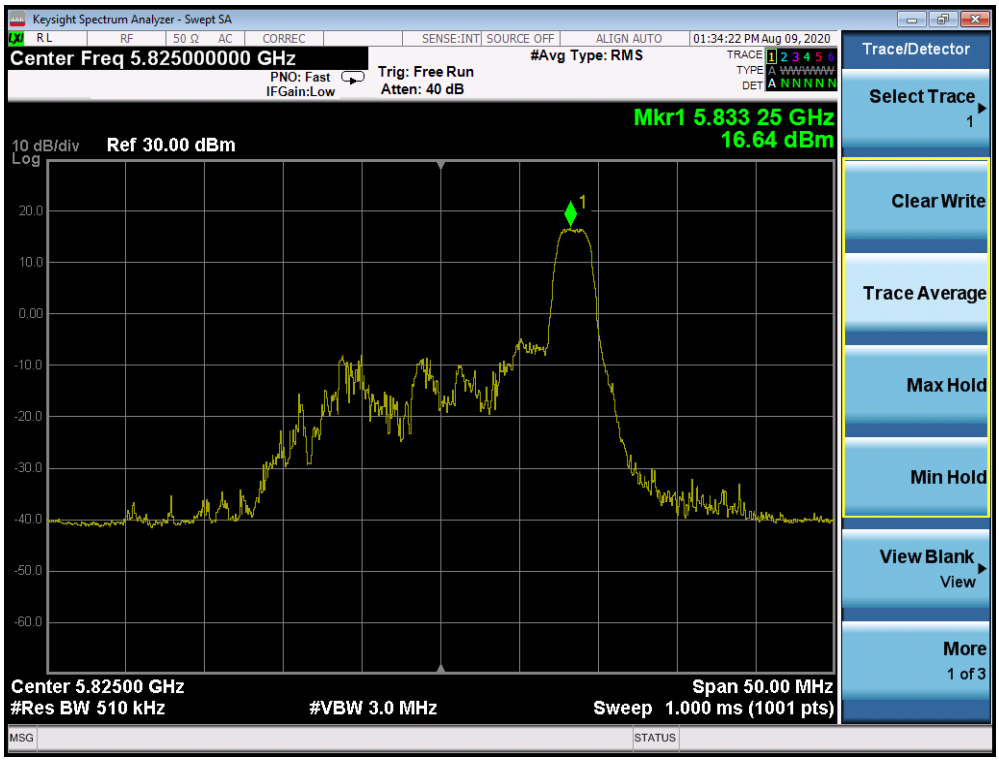
Plot 7-400. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8– RU26 (UNII Band 3) – Ch. 157)



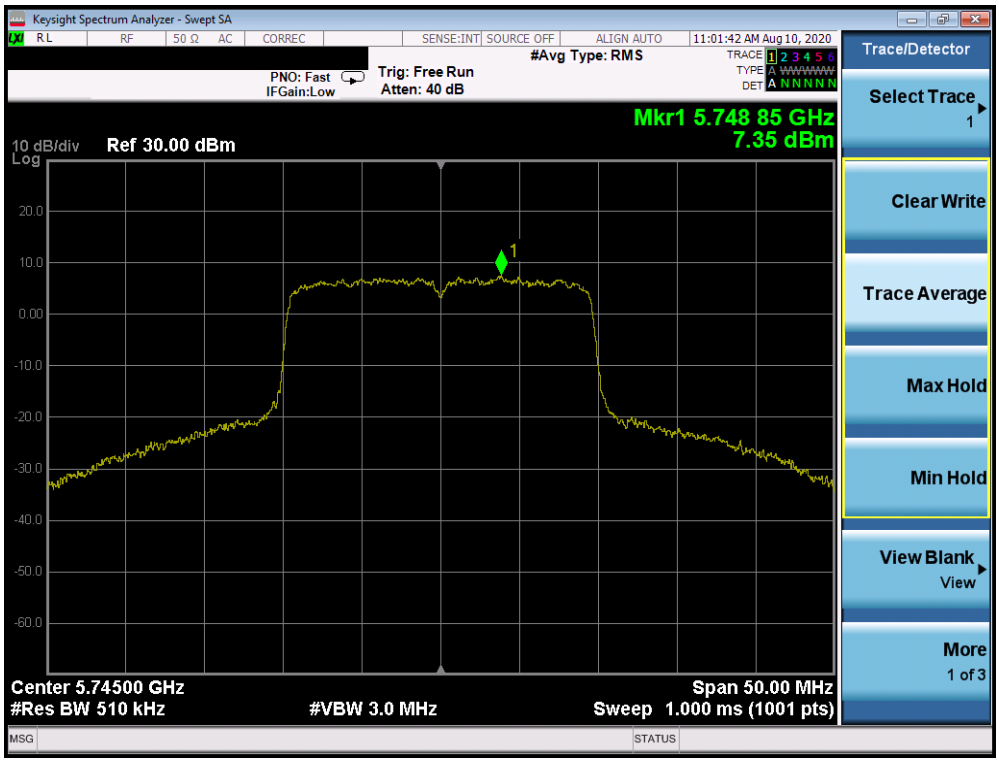
Plot 7-401. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 165)



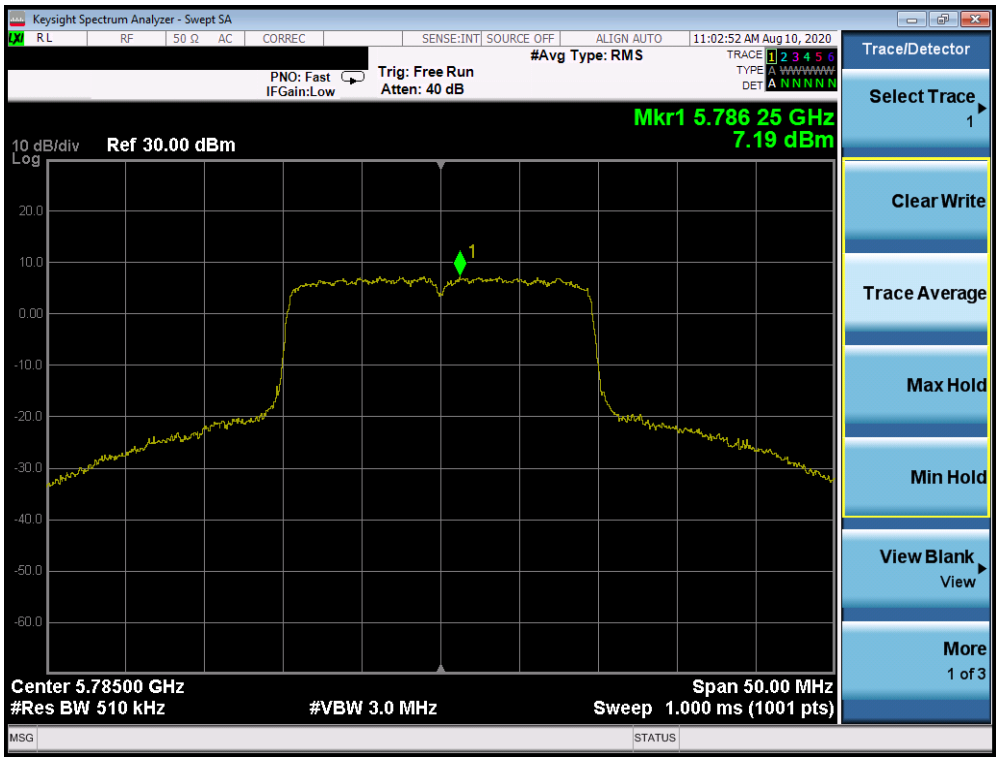
Plot 7-402. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 3) – Ch. 165)



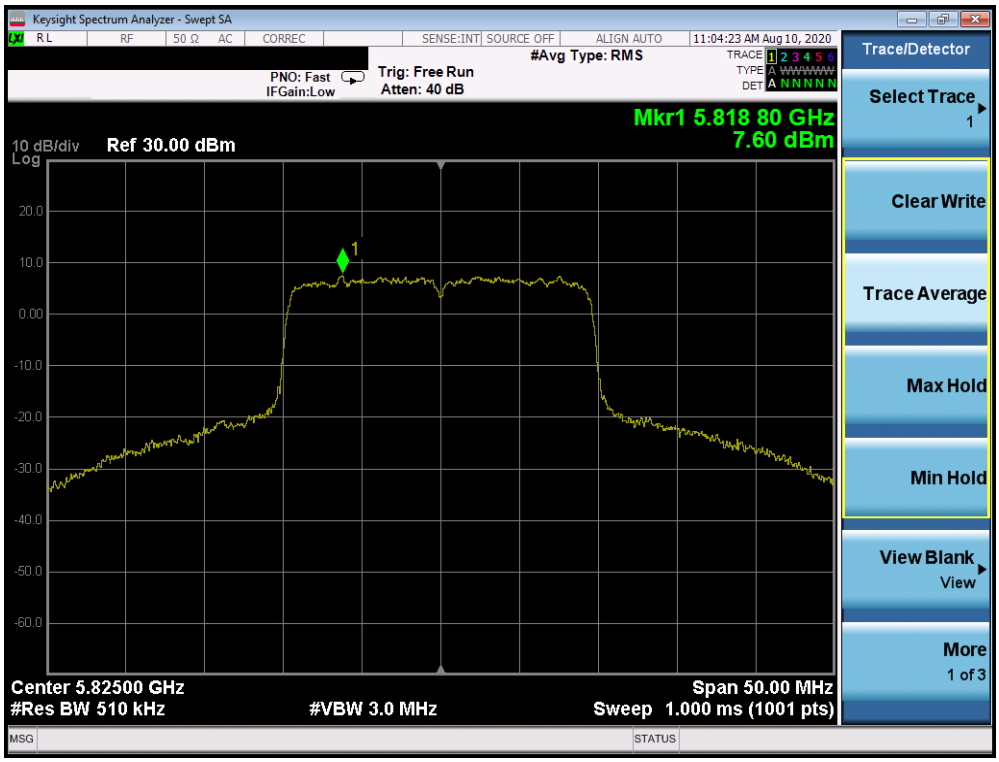
Plot 7-403. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 165)



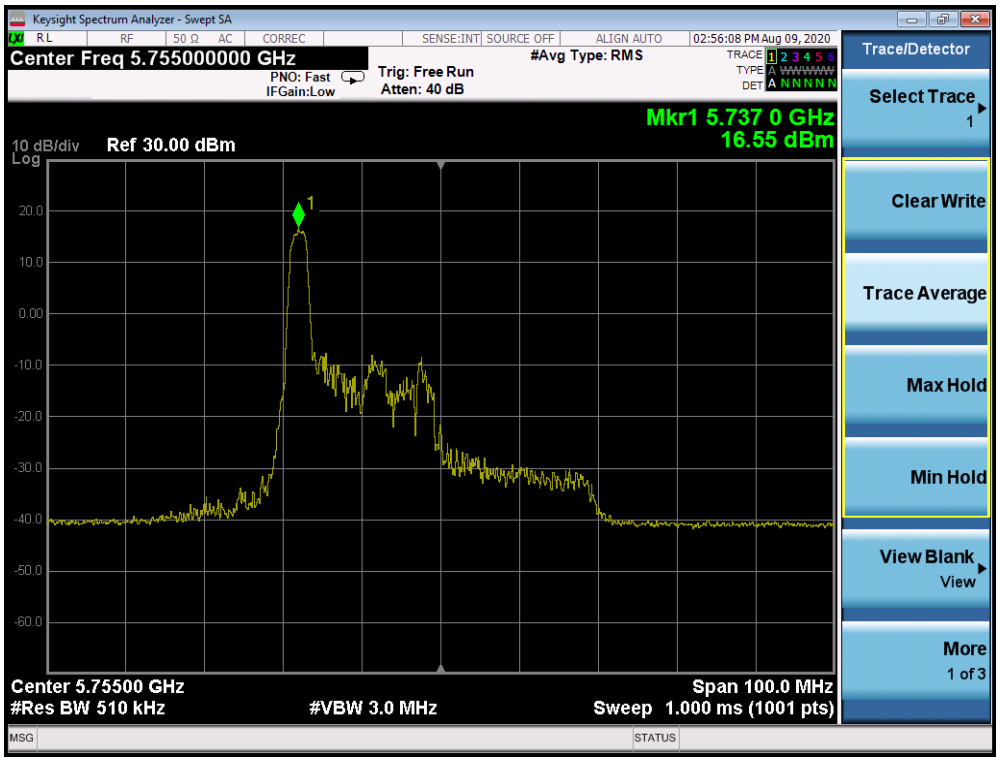
Plot 7-404. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 149)



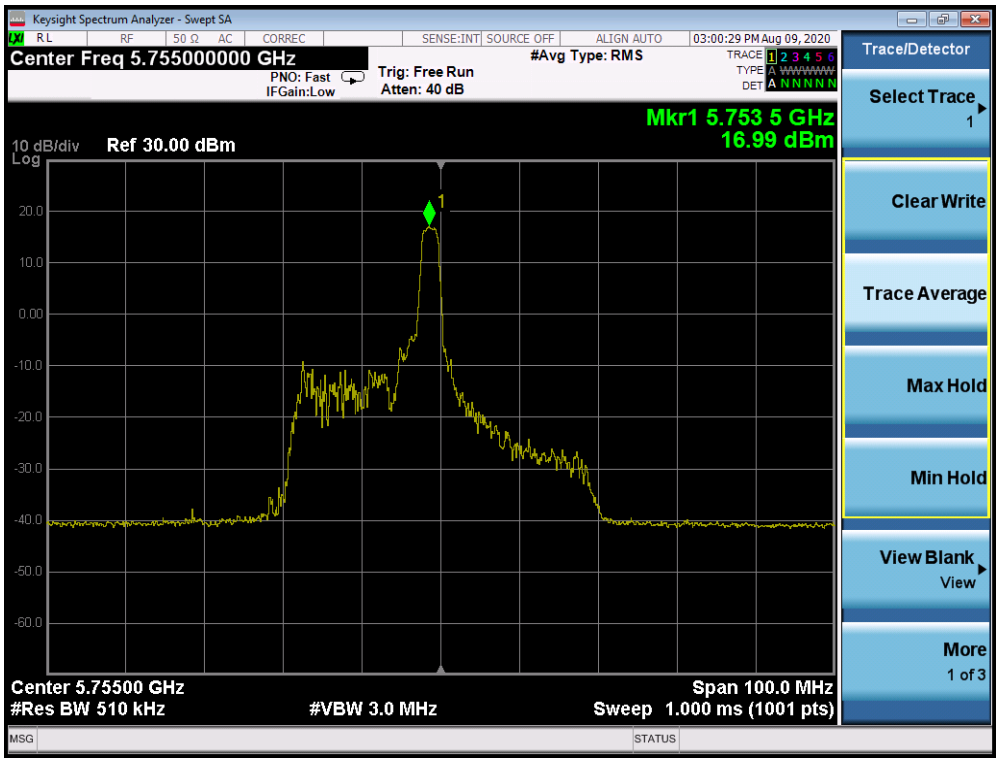
Plot 7-405. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 157)



Plot 7-406. Power Spectral Density Plot Antenna 2b (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 165)

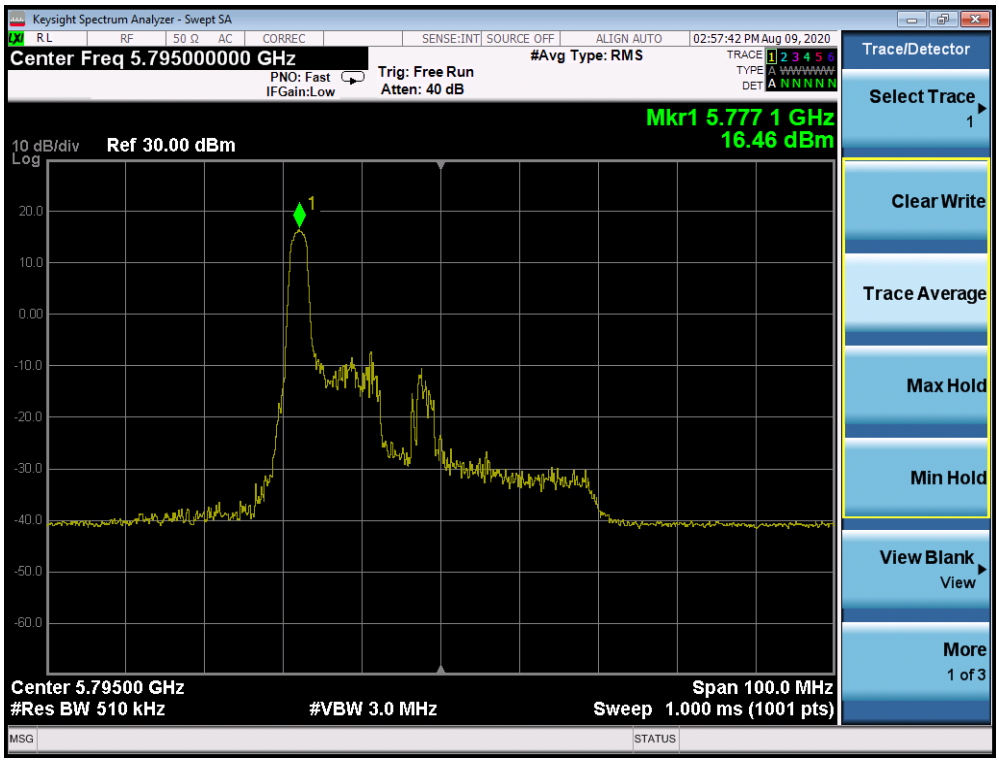


Plot 7-407. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

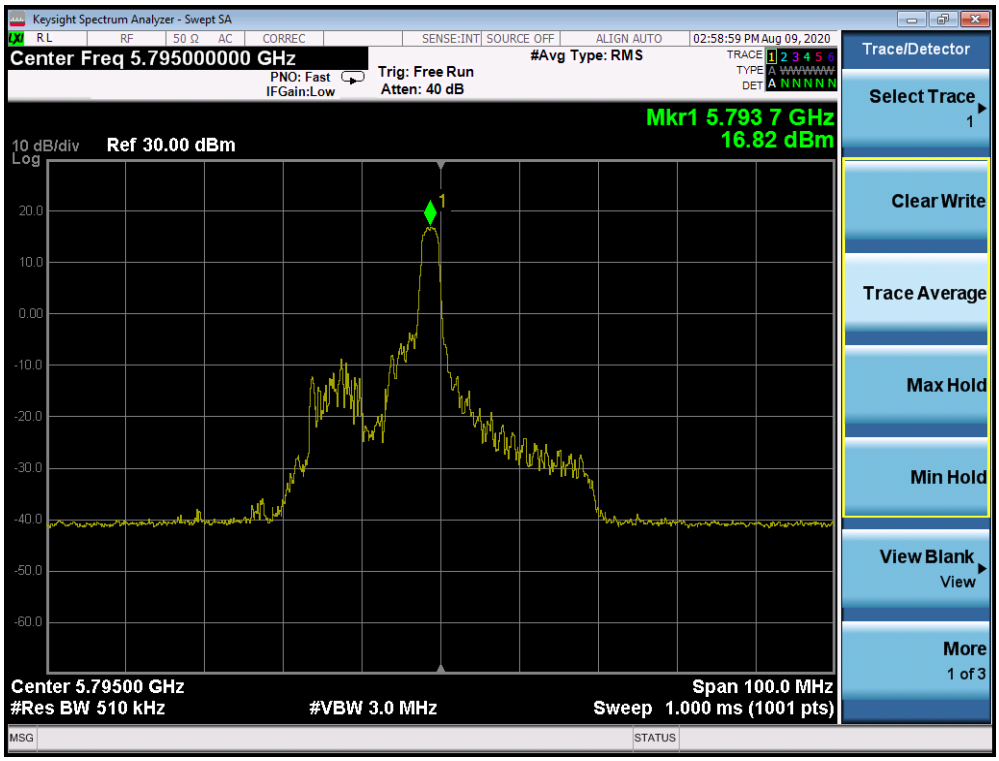


Plot 7-408. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

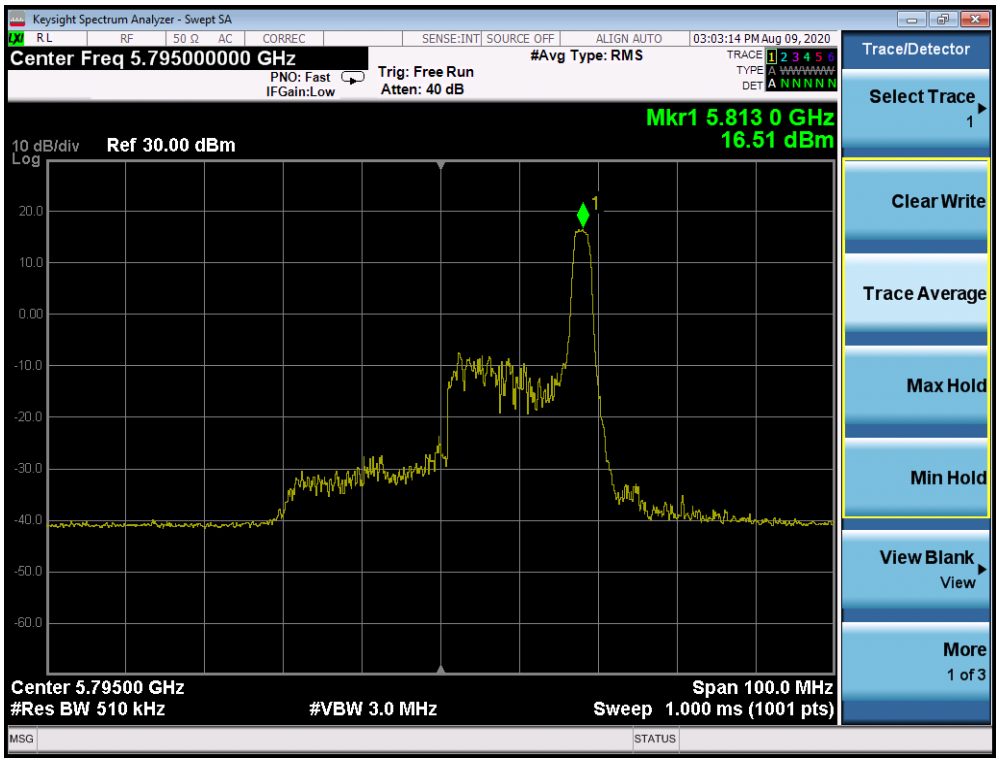
Plot 7-409. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)



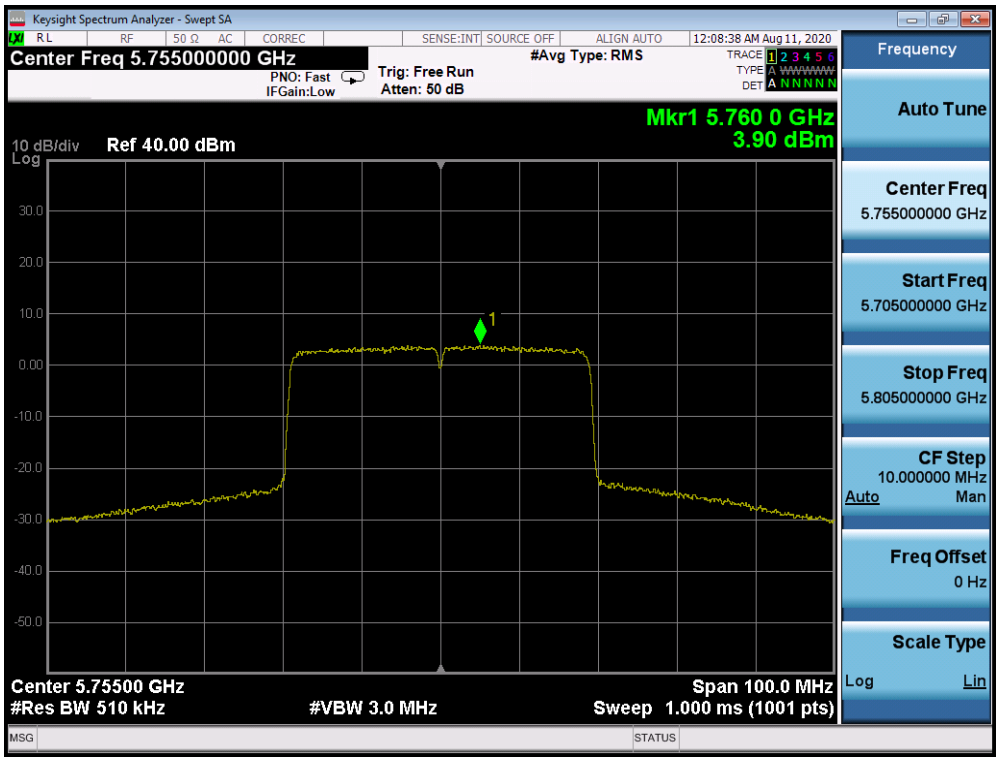
Plot 7-410. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)



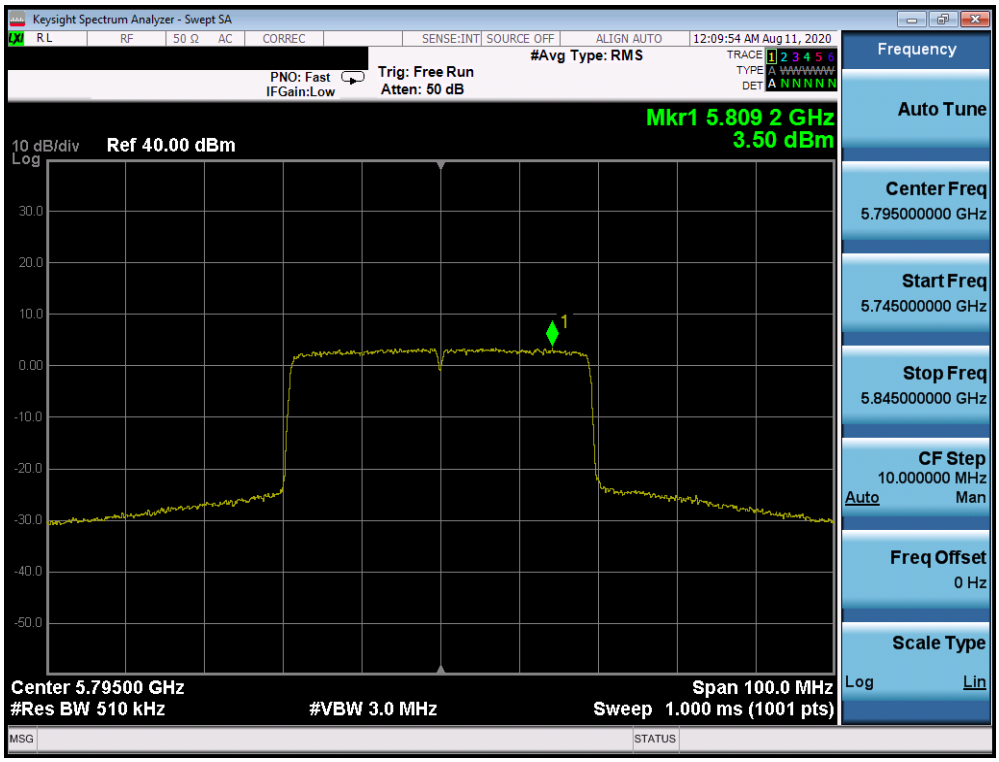
Plot 7-411. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)



Plot 7-412. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)



Plot 7-413. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 151)



Plot 7-414. Power Spectral Density Plot Antenna 2b (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

Plot 7-415. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

Plot 7-416. Power Spectral Density Plot Antenna 2b (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)