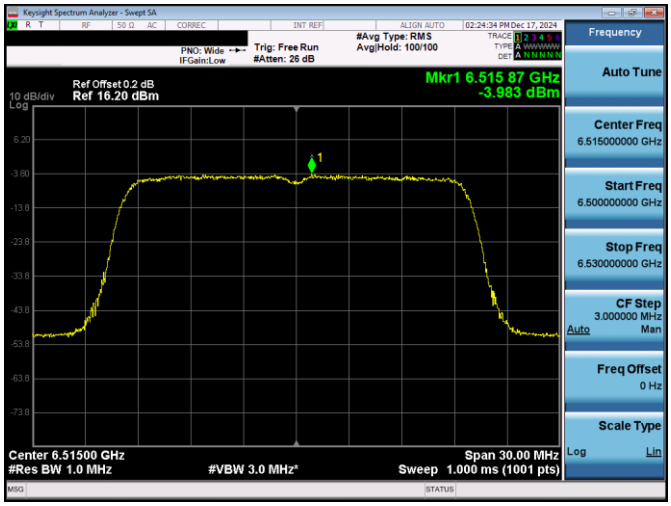
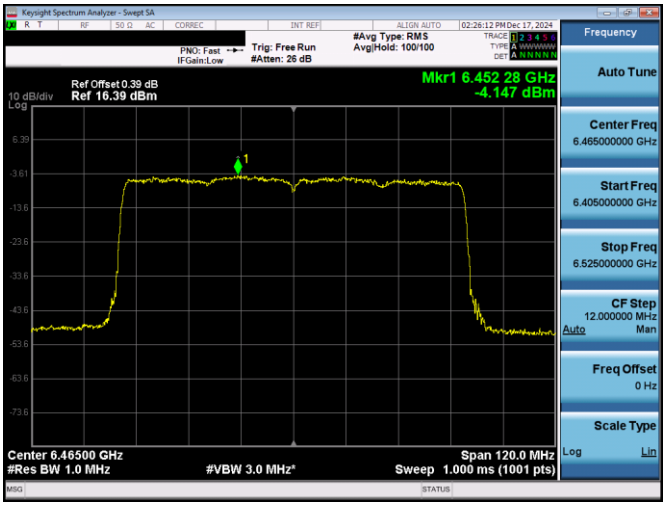
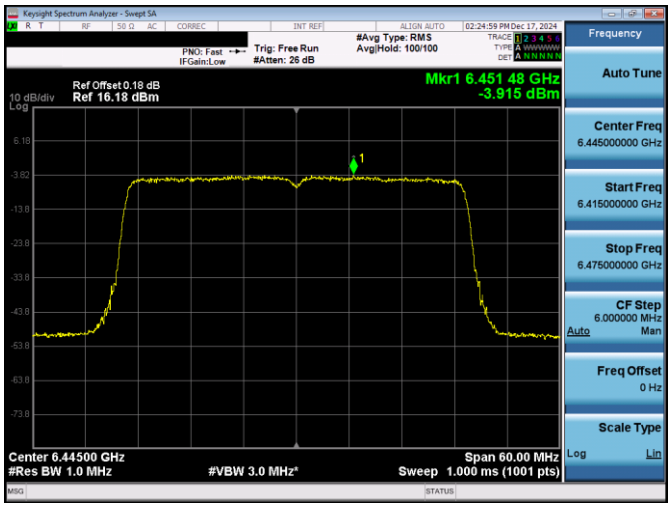


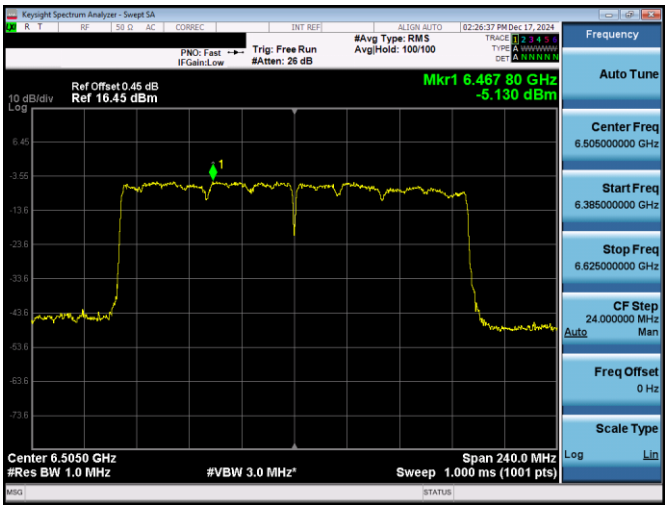
Plot 7-261. PSD Plot Antenna 3a (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 113)



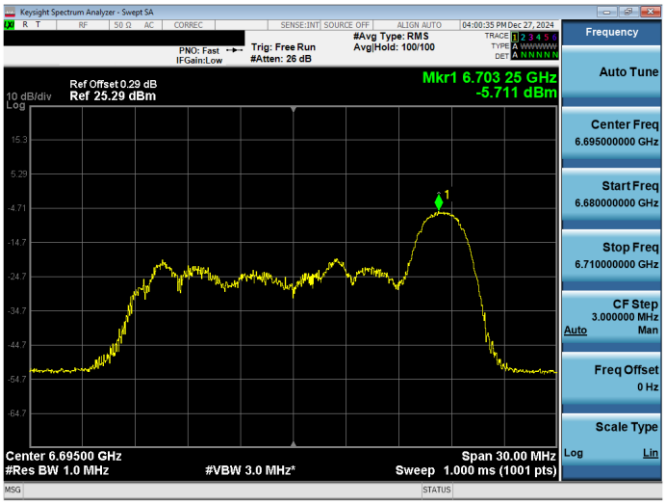
Plot 7-263. PSD Plot Antenna 3a (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



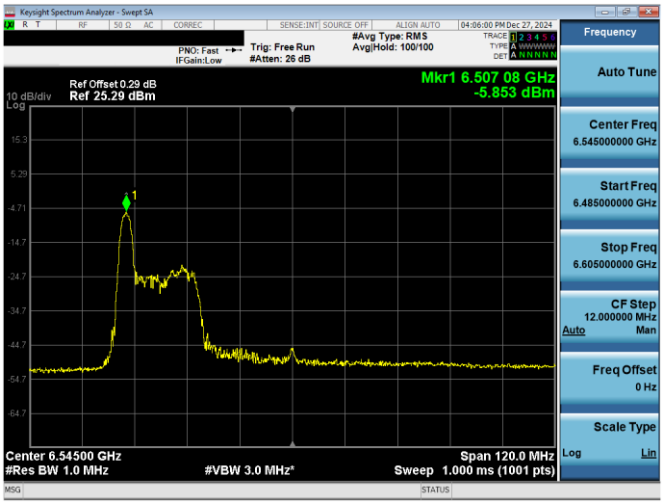
Plot 7-262. PSD Plot Antenna 3a (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 99)



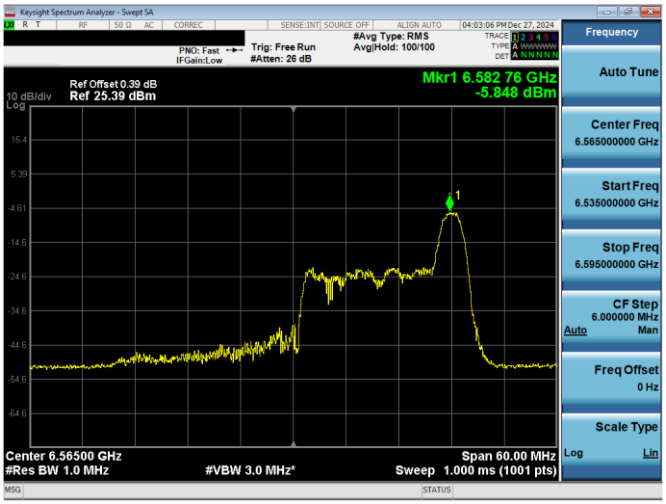
Plot 7-264. PSD Plot Antenna 3a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



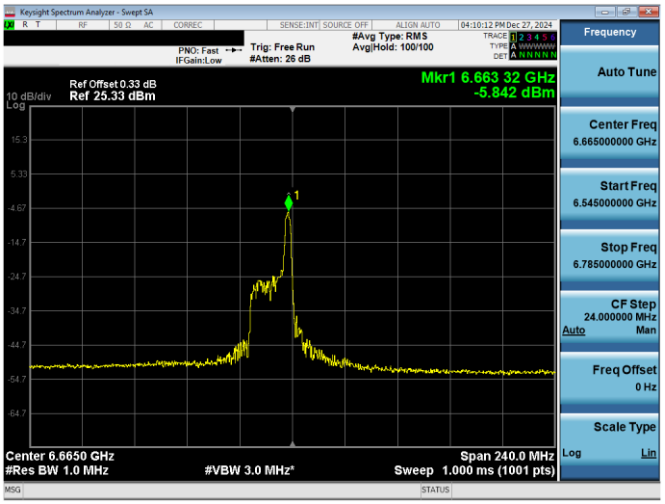
Plot 7-265. PSD Plot Antenna 3a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



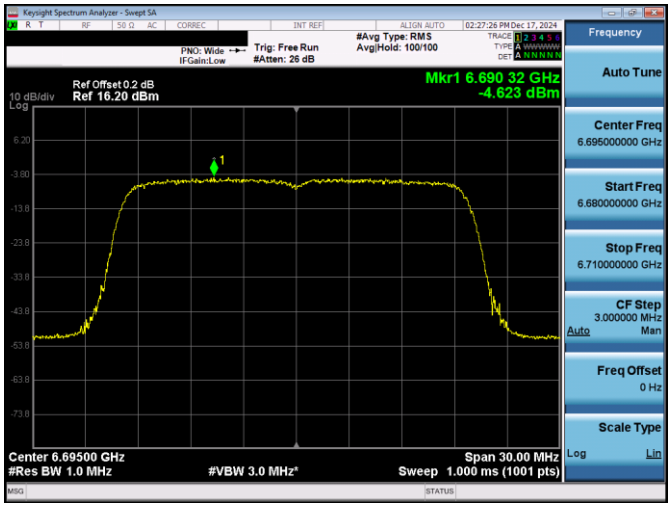
Plot 7-267. PSD Plot Antenna 3a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 119)



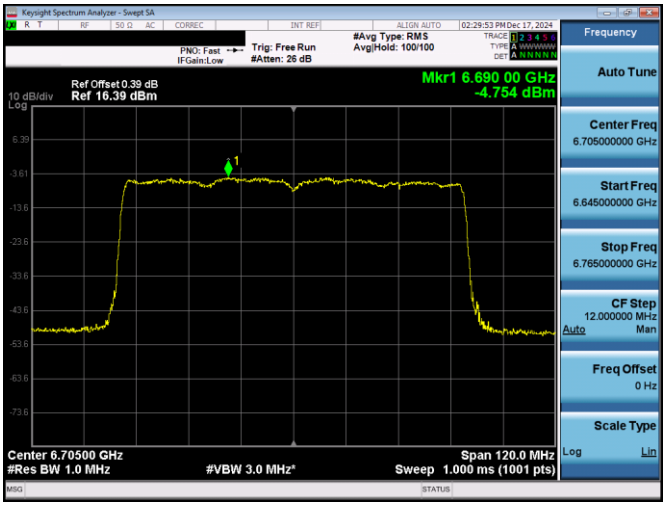
Plot 7-266. PSD Plot Antenna 3a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 123)



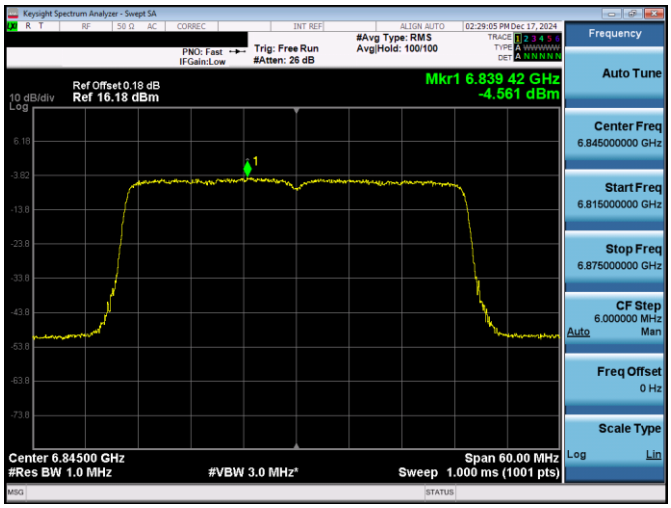
Plot 7-268. PSD Plot Antenna 3a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



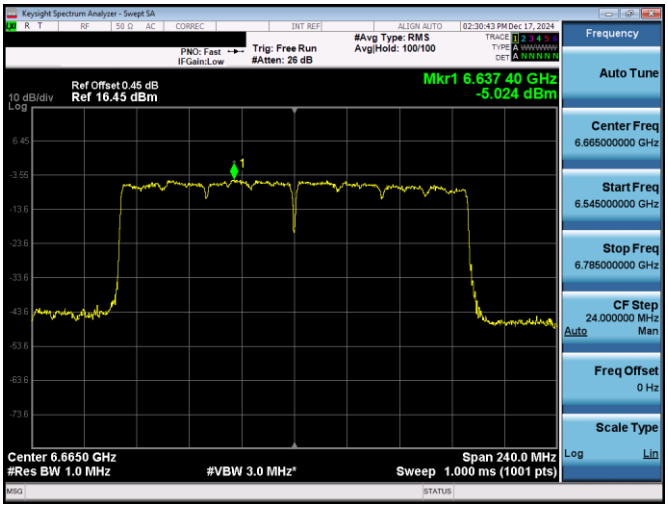
Plot 7-269. PSD Plot Antenna 3a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



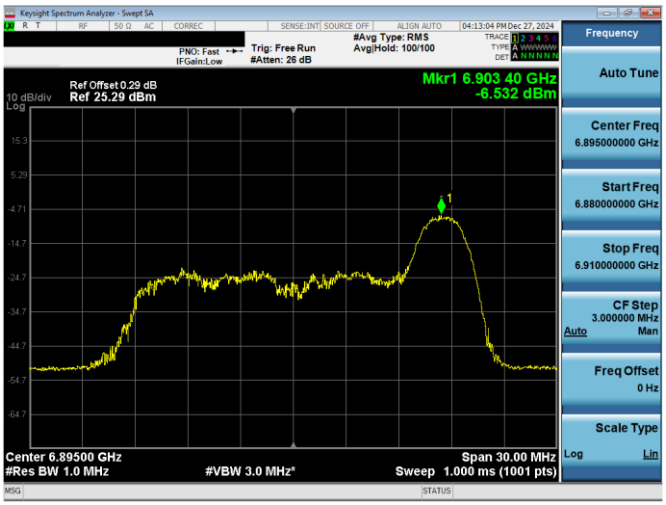
Plot 7-271. PSD Plot Antenna 3a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



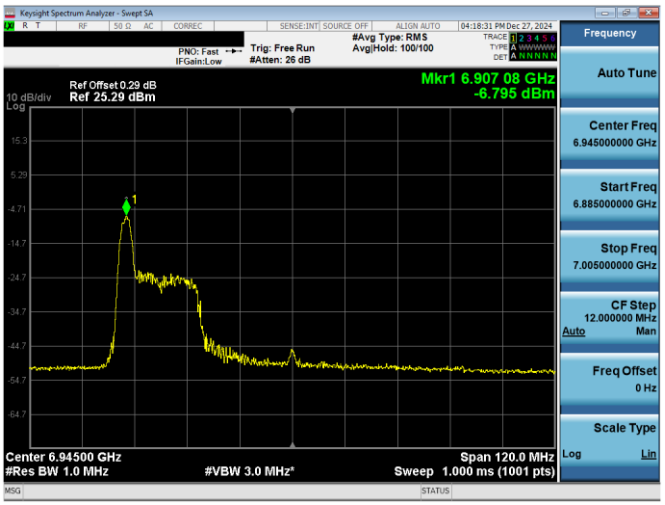
Plot 7-270. PSD Plot Antenna 3a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)



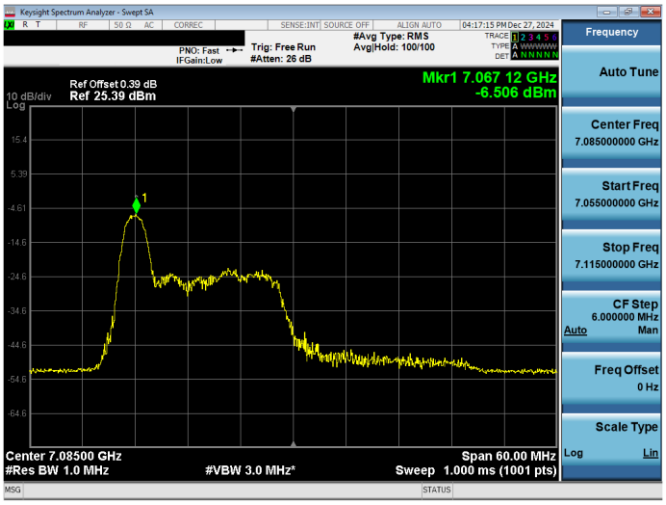
Plot 7-272. PSD Plot Antenna 3a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



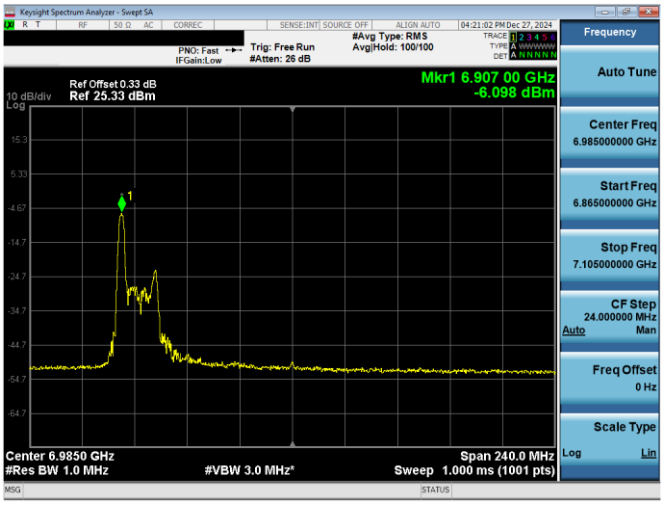
Plot 7-273. PSD Plot Antenna 3a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 189)



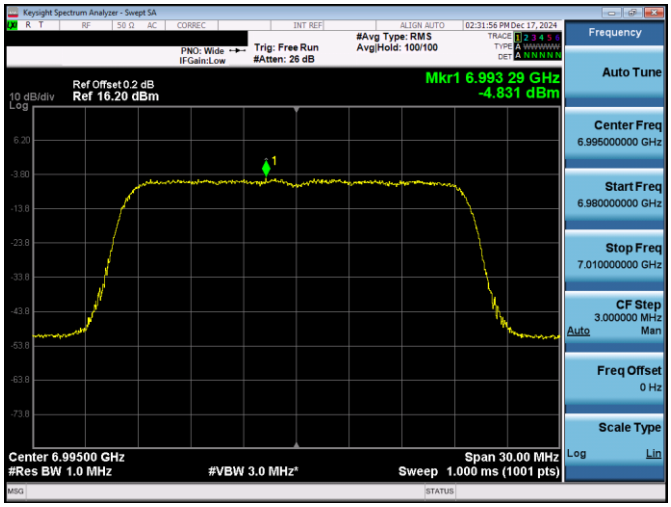
Plot 7-275. PSD Plot Antenna 3a (80MHz 802.11ax RU26 (UNII Band 8) – Ch.199)



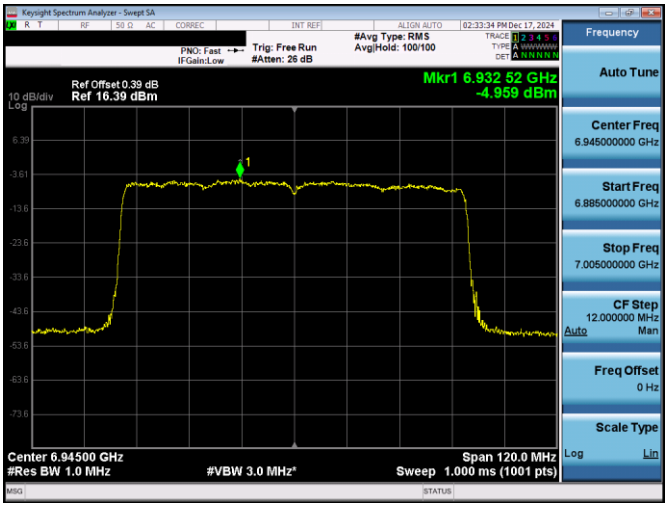
Plot 7-274. PSD Plot Antenna 3a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 227)



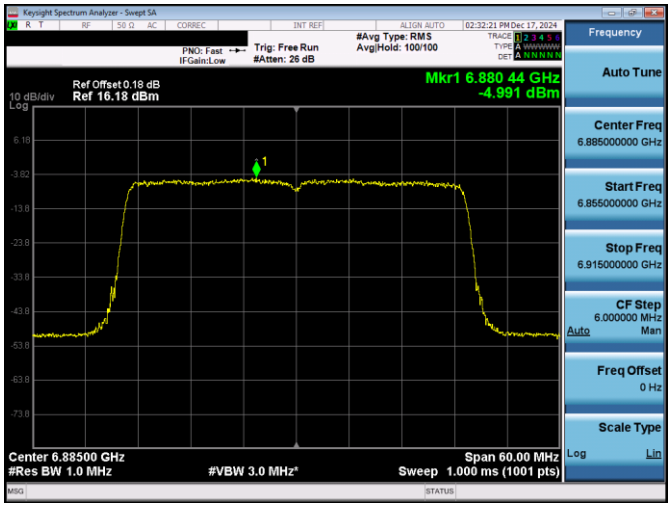
Plot 7-276. PSD Plot Antenna 3a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-277. PSD Plot Antenna 3a (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



Plot 7-279. PSD Plot Antenna 3a (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)



Plot 7-278. PSD Plot Antenna 3a (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 187)

Plot 7-280. PSD Plot Antenna 3a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

7.4.5 Antenna 1b Power Spectral Density Measurements – SP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.96	-0.70	7.26	17	-9.74
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.94	-0.70	5.24	17	-11.76
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.25	-0.70	6.55	17	-10.45
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	8.27	-0.70	7.57	17	-9.43
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.80	-0.70	6.10	17	-10.90
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.38	-0.70	6.68	17	-10.32
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	8.38	-0.70	7.68	17	-9.32
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	7.03	-0.70	6.33	17	-10.67
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.79	-0.70	7.09	17	-9.91
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.08	-0.70	6.38	17	-10.62
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.66	-0.70	6.96	17	-10.04
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.49	-0.70	6.79	17	-10.21
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.70	-0.70	7.00	17	-10.01
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.27	-0.70	6.57	17	-10.43
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.12	-0.70	6.42	17	-10.58
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.31	-0.70	6.61	17	-10.39
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.30	-0.70	6.60	17	-10.40
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.76	-0.70	7.06	17	-9.94
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.13	-0.70	6.43	17	-10.57
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.27	-0.70	5.57	17	-11.43
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	7.19	-0.70	6.49	17	-10.51
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.33	-0.70	6.63	17	-10.37
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.01	-0.70	5.31	17	-11.70
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	7.37	-0.70	6.67	17	-10.33
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	8.30	-0.70	7.60	17	-9.40
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.40	-0.70	5.70	17	-11.30
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	7.57	-0.70	6.87	17	-10.13
	6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	7.47	-0.70	6.77	17	-10.23
	6025		ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.83	-0.70	7.13	17	-9.87
	6025	15 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.28	-0.70	6.58	17	-10.42
	6181	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	7.96	-0.70	7.26	17	-9.74
	6181		ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.60	-0.70	6.90	17	-10.10
	6181	47 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.68	-0.70	6.98	17	-10.02
	6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	7.18	-0.70	6.48	17	-10.53
	6345		ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.25	-0.70	6.55	17	-10.45
	6345	79 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.83	-0.70	7.13	17	-9.87
Band 6	6345	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.65	-0.30	7.35	17	-9.65
	6345	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.45	-0.30	6.15	17	-10.85
	6345	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.68	-0.30	7.38	17	-9.63
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.83	-0.30	7.53	17	-9.47
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.11	-0.30	5.81	17	-11.19
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.05	-0.30	6.75	17	-10.25
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.59	-0.30	7.29	17	-9.71
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.83	-0.30	6.53	17	-10.47
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.42	-0.30	7.12	17	-9.88
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.94	-0.30	7.64	17	-9.36
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.12	-0.30	6.82	17	-10.18
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.38	-0.30	7.08	17	-9.92
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.42	-0.30	7.12	17	-9.88
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.81	-0.30	7.51	17	-9.49
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.97	-0.30	7.67	17	-9.33
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.36	-0.30	7.06	17	-9.94
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.73	-0.30	6.43	17	-10.58
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.45	-0.30	7.15	17	-9.86
	6465	103	ax (80Mhz)	26	0	12.5/14.7 (MCS11)	7.02	-0.30	6.72	17	-10.28
	6465	103	ax (80Mhz)	26	18	12.5/14.7 (MCS11)	6.72	-0.30	6.42	17	-10.58
	6465	103	ax (80Mhz)	26	36	12.5/14.7 (MCS11)	7.43	-0.30	7.13	17	-9.87
	6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	7.81	-0.30	7.51	17	-9.49
	6505		ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.35	-0.30	7.05	17	-9.95
	6505	111 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.11	-0.30	6.81	17	-10.19

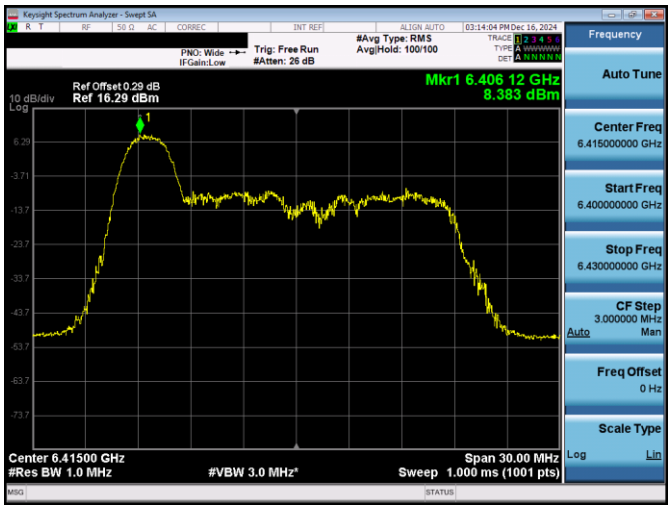
Table 7-152. Power Spectral Density Measurements Antenna 1b (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.97	1.70	9.67	17	-7.33
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.36	1.70	8.06	17	-8.94
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.60	1.70	9.30	17	-7.70
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.69	1.70	9.39	17	-7.61
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	7.02	1.70	8.72	17	-8.28
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	8.31	1.70	10.01	17	-6.99
	6875	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	7.78	1.70	9.48	17	-7.52
	6875	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	7.25	1.70	8.95	17	-8.06
	6875	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.80	1.70	9.50	17	-7.50
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.92	1.70	9.62	17	-7.38
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.87	1.70	9.57	17	-7.43
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.67	1.70	9.37	17	-7.63
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.47	1.70	9.17	17	-7.83
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.56	1.70	9.26	17	-7.74
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	8.32	1.70	10.02	17	-6.98
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	8.56	1.70	10.26	17	-6.74
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	8.24	1.70	9.94	17	-7.07
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	8.18	1.70	9.88	17	-7.12
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.02	1.70	8.72	17	-8.28
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.74	1.70	7.44	17	-9.56
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	7.30	1.70	9.00	17	-8.00
	6545	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.69	1.70	9.39	17	-7.61
	6545	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.18	1.70	7.88	17	-9.12
	6545	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	8.10	1.70	9.80	17	-7.20
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	8.58	1.70	10.28	17	-6.72
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.91	1.70	8.61	17	-8.39
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	8.21	1.70	9.91	17	-7.09
	6865	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.36	1.70	9.06	17	-7.94
	6865	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.69	1.70	8.39	17	-8.62
	6865	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	8.51	1.70	10.21	17	-6.79
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	7.20	1.70	8.90	17	-8.10
	6665		ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.68	1.70	9.38	17	-7.62
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.94	1.70	9.64	17	-7.36

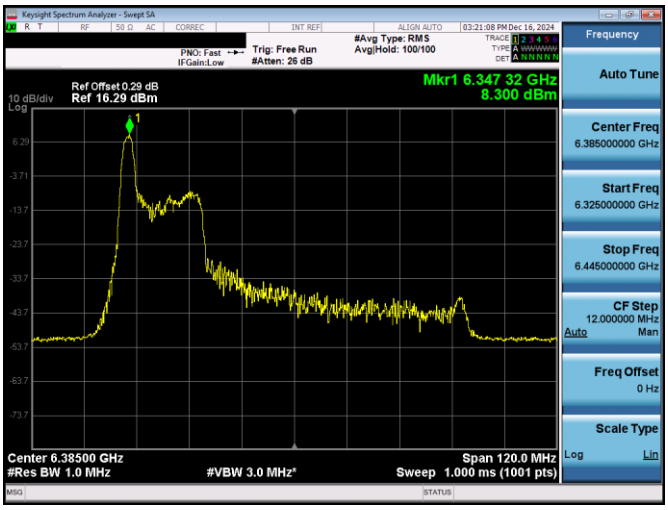
Table 7-153. Power Spectral Density Measurements Antenna 1b (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	7.82	-0.70	7.12	17	-9.88
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.11	-0.70	7.41	17	-9.59
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.30	-0.70	7.60	17	-9.40
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.24	-0.70	4.54	17	-12.46
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.38	-0.70	4.68	17	-12.32
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.31	-0.70	4.61	17	-12.39
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.31	-0.70	1.61	17	-15.39
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.26	-0.70	1.56	17	-15.44
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.80	-0.70	2.10	17	-14.90
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	0.11	-0.70	-0.59	17	-17.59
	6181	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-0.18	-0.70	-0.88	17	-17.88
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-0.28	-0.70	-0.98	17	-17.98
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.38	-0.30	8.08	17	-8.92
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.20	-0.30	7.90	17	-9.10
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	7.56	-0.30	7.26	17	-9.74
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.56	-0.30	5.26	17	-11.74
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.51	-0.30	5.21	17	-11.79
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.13	-0.30	4.83	17	-12.17
	6465	103	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.44	-0.30	2.14	17	-14.86
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-0.73	-0.30	-1.03	17	-18.03
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.38	1.70	10.08	17	-6.92
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.43	1.70	10.13	17	-6.87
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	8.74	1.70	10.44	17	-6.56
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.37	1.70	7.07	17	-9.93
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	5.66	1.70	7.36	17	-9.64
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	6.18	1.70	7.88	17	-9.12
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.67	1.70	3.37	17	-13.63
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.52	1.70	4.22	17	-12.78
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	3.22	1.70	4.92	17	-12.08
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	2.93	1.70	4.63	17	-12.37
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	0.43	1.70	2.13	17	-14.87

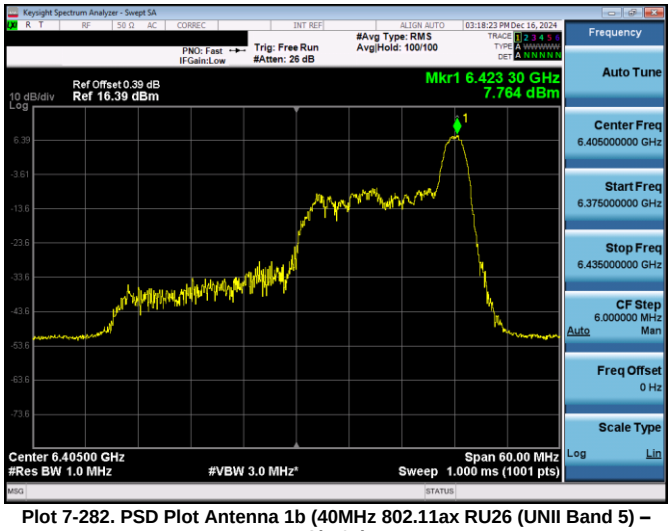
Table 7-154. Power Spectral Density Measurements Antenna 1b (Fully – Loaded RU)



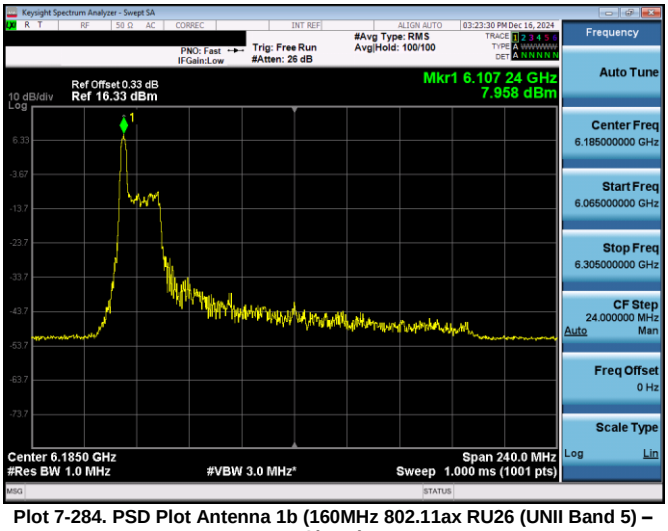
Plot 7-281. PSD Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 93)



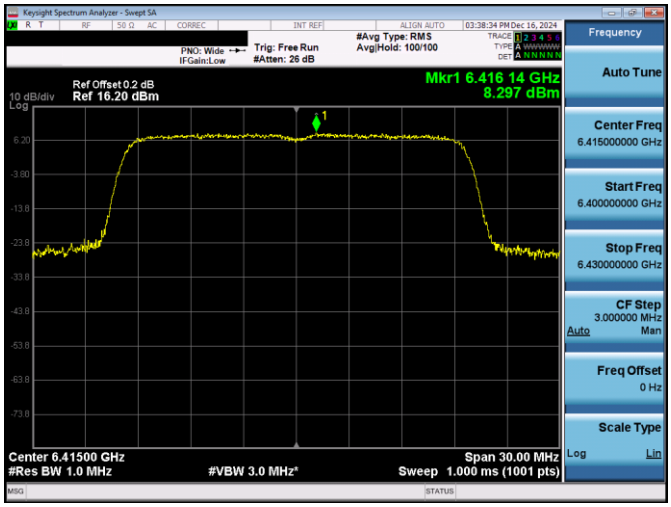
Plot 7-283. PSD Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 87)



Plot 7-282. PSD Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 91)



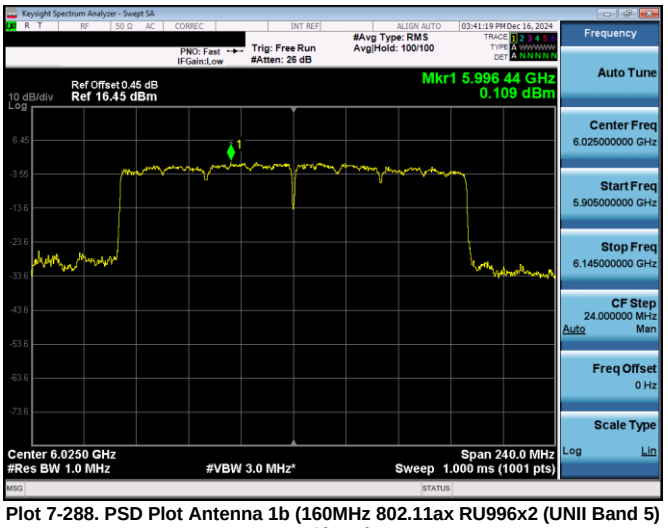
Plot 7-284. PSD Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



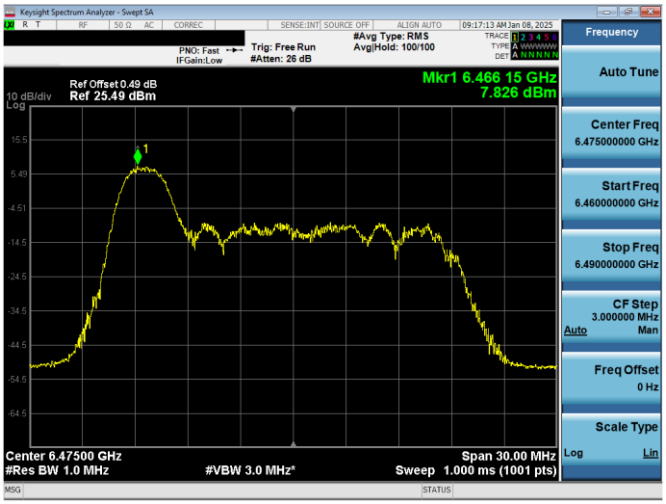
Plot 7-285. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 93)

Plot 7-287. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 87)

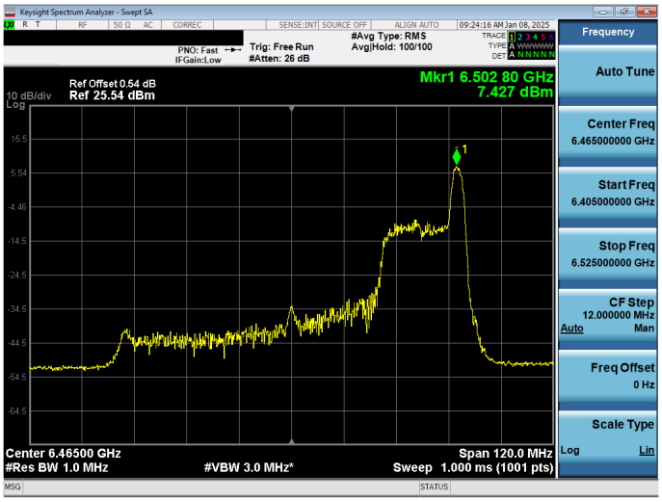
Plot 7-286. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



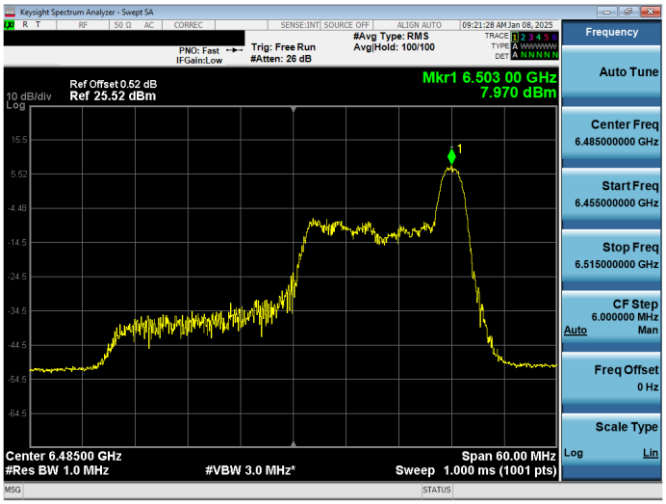
Plot 7-288. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 15)



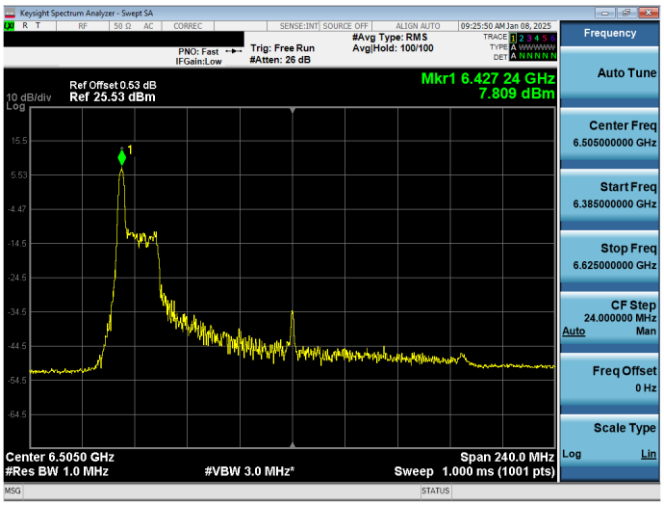
Plot 7-289. PSD Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



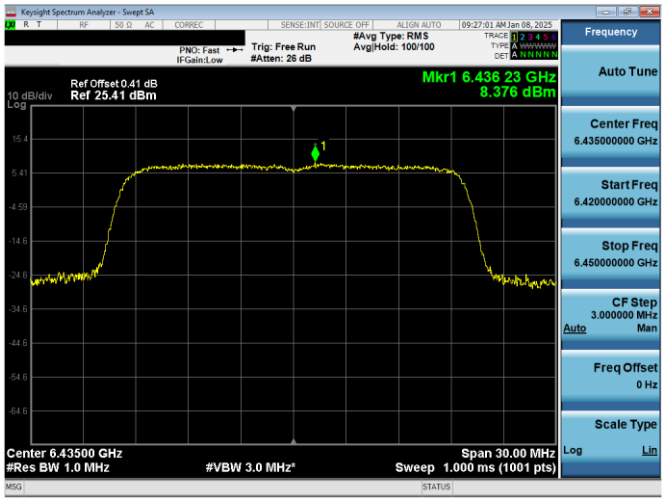
Plot 7-291. PSD Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



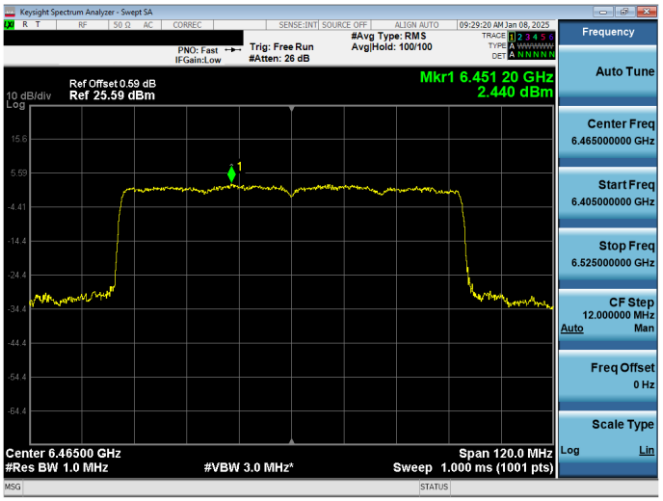
Plot 7-290. PSD Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)



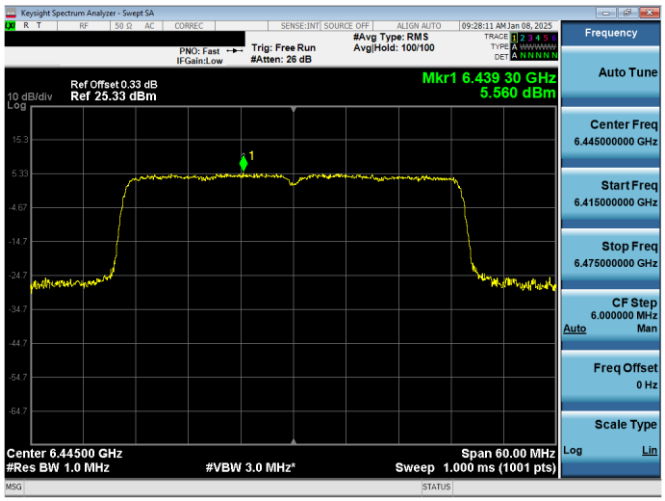
Plot 7-292. PSD Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



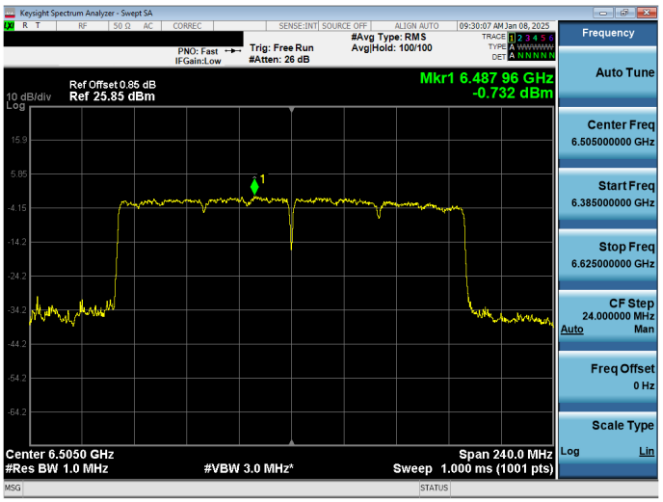
Plot 7-293. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 97



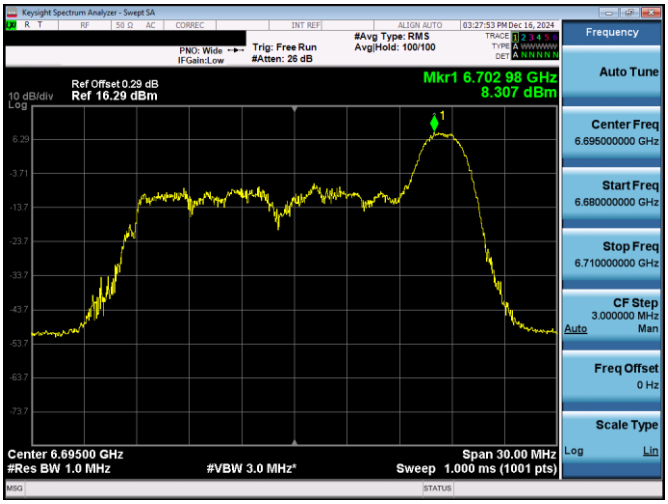
Plot 7-295. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



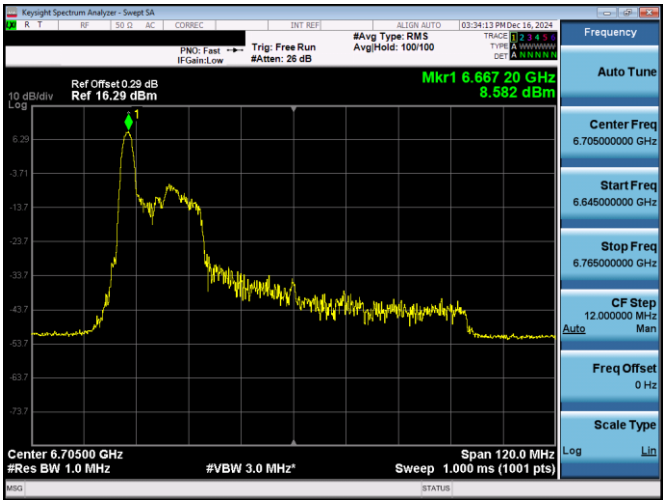
Plot 7-294. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 99)



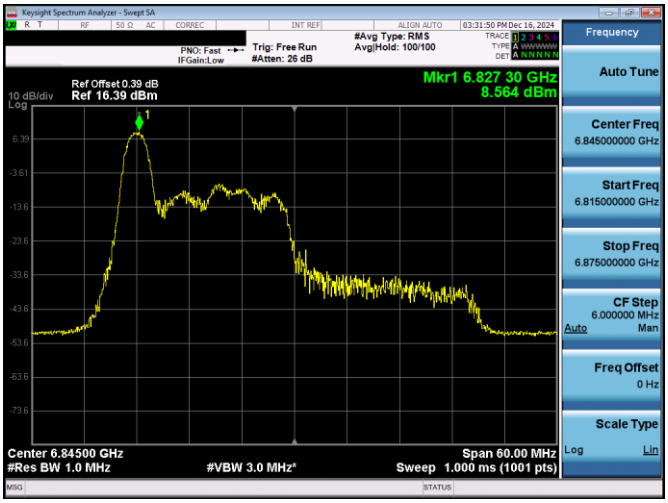
Plot 7-296. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)



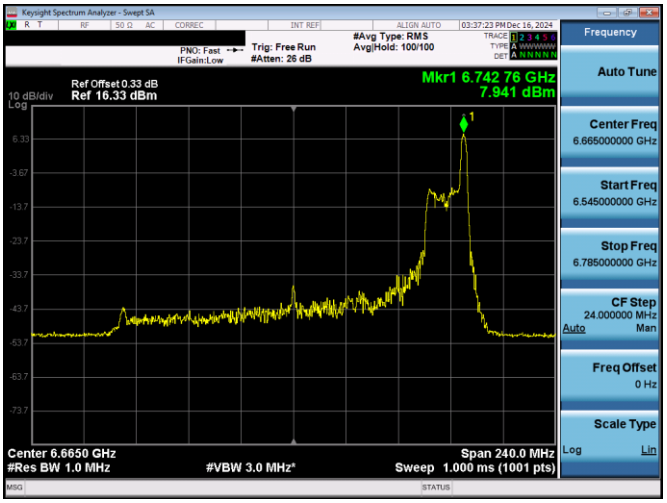
Plot 7-297. PSD Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



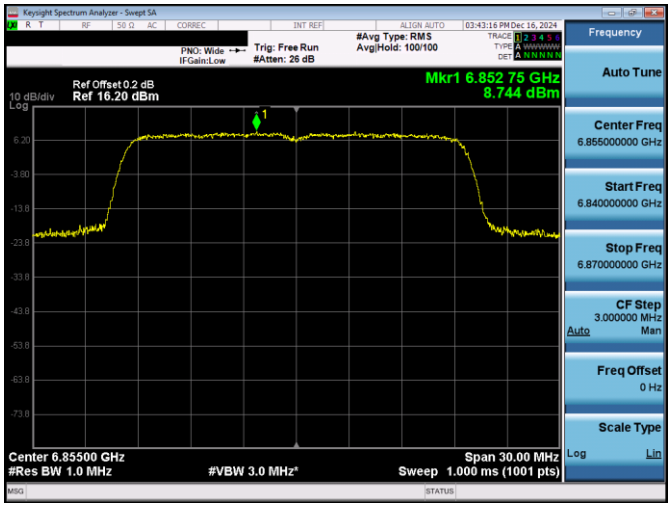
Plot 7-299. PSD Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



Plot 7-298. PSD Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 179)



Plot 7-300. PSD Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-301. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 181)

Plot 7-303. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)

Plot 7-302. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)

Plot 7-304. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

7.4.6 Antenna 1b Power Spectral Density Measurements – LPI

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-3.78	-0.70	-4.48	-1	-3.48
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.34	-0.70	-6.04	-1	-5.04
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.60	-0.70	-5.30	-1	-4.30
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-5.05	-0.70	-5.75	-1	-4.75
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.83	-0.70	-6.53	-1	-5.53
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.59	-0.70	-5.29	-1	-4.29
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-5.35	-0.70	-6.05	-1	-5.05
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.04	-0.70	-6.74	-1	-5.74
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-5.02	-0.70	-5.72	-1	-4.72
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.02	-0.70	-5.72	-1	-4.72
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-4.94	-0.70	-5.64	-1	-4.64
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-4.70	-0.70	-5.40	-1	-4.40
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.26	-0.70	-5.96	-1	-4.96
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-4.93	-0.70	-5.63	-1	-4.63
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-5.33	-0.70	-6.03	-1	-5.03
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.38	-0.70	-6.08	-1	-5.08
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-5.25	-0.70	-5.95	-1	-4.95
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-5.25	-0.70	-5.95	-1	-4.95
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.18	-0.70	-5.88	-1	-4.88
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.20	-0.70	-6.90	-1	-5.90
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-3.71	-0.70	-4.41	-1	-3.41
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.28	-0.70	-5.98	-1	-4.98
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.40	-0.70	-7.10	-1	-6.10
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.32	-0.70	-6.02	-1	-5.02
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.43	-0.70	-6.13	-1	-5.13
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.46	-0.70	-7.16	-1	-6.16
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-4.36	-0.70	-5.06	-1	-4.06
	6025	15 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-5.29	-0.70	-5.99	-1	-4.99
	6025		ax (160MHz)	26	36	12.5/14.7 (MCS11)	-4.99	-0.70	-5.69	-1	-4.69
	6025	15 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-4.56	-0.70	-5.26	-1	-4.26
	6185	47 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-5.47	-0.70	-6.17	-1	-5.17
	6185		ax (160MHz)	26	36	12.5/14.7 (MCS11)	-4.60	-0.70	-5.30	-1	-4.30
	6185	47 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.26	-0.70	-5.96	-1	-4.96
	6345	79 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-5.76	-0.70	-6.46	-1	-5.46
	6345		ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.28	-0.70	-5.98	-1	-4.98
	6345	79 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.68	-0.70	-6.38	-1	-5.38
Band 6	6345	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-4.65	-0.30	-4.95	-1	-3.95
	6345	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.20	-0.30	-6.50	-1	-5.50
	6345	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-5.24	-0.30	-5.54	-1	-4.54
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-5.01	-0.30	-5.31	-1	-4.31
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.44	-0.30	-6.74	-1	-5.74
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.81	-0.30	-5.11	-1	-4.11
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-5.12	-0.30	-5.42	-1	-4.42
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.35	-0.30	-6.65	-1	-5.65
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-5.64	-0.30	-5.94	-1	-4.94
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.68	-0.30	-5.98	-1	-4.98
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-5.80	-0.30	-6.10	-1	-5.10
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-4.69	-0.30	-4.99	-1	-3.99
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.58	-0.30	-5.88	-1	-4.88
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-4.80	-0.30	-5.10	-1	-4.10
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-4.84	-0.30	-5.14	-1	-4.14
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.26	-0.30	-6.56	-1	-5.56
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.06	-0.30	-6.36	-1	-5.36
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.09	-0.30	-6.39	-1	-5.39
	6465	103	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.50	-0.30	-5.80	-1	-4.80
	6465	103	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.01	-0.30	-6.31	-1	-5.31
	6465	103	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.63	-0.30	-5.93	-1	-4.93
	6505	111 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-6.62	-0.30	-6.92	-1	-5.92
	6505		ax (160MHz)	26	36	12.5/14.7 (MCS11)	-5.71	-0.30	-6.01	-1	-5.01
	6505	111 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-7.01	-0.30	-7.31	-1	-6.31

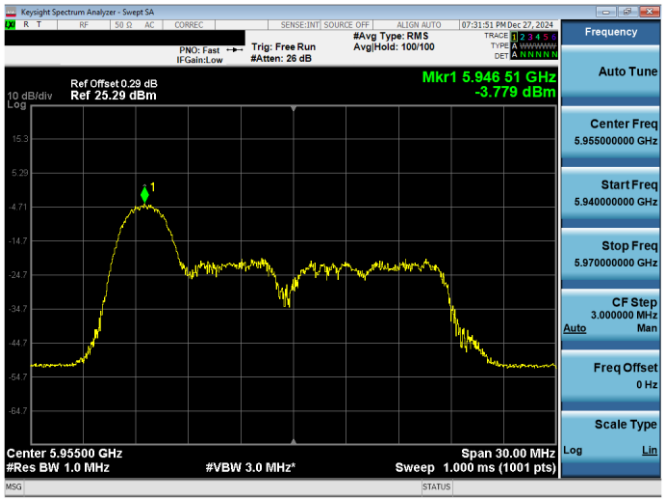
Table 7-155. Power Spectral Density Measurements Antenna 1b (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.29	1.70	-4.59	-1	-3.59
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.31	1.70	-5.61	-1	-4.61
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-5.66	1.70	-3.96	-1	-2.96
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-5.45	1.70	-3.75	-1	-2.75
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.97	1.70	-5.27	-1	-4.27
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-5.78	1.70	-4.08	-1	-3.08
	6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.69	1.70	-4.99	-1	-3.99
	6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.42	1.70	-5.72	-1	-4.72
	6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.77	1.70	-5.07	-1	-4.07
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.51	1.70	-3.81	-1	-2.81
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-5.86	1.70	-4.16	-1	-3.16
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-5.82	1.70	-4.12	-1	-3.12
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.47	1.70	-4.77	-1	-3.77
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.58	1.70	-4.88	-1	-3.88
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.73	1.70	-5.03	-1	-4.03
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.26	1.70	-4.56	-1	-3.56
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.17	1.70	-4.47	-1	-3.47
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-5.77	1.70	-4.07	-1	-3.07
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-6.18	1.70	-4.48	-1	-3.48
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-7.55	1.70	-5.85	-1	-4.85
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-6.35	1.70	-4.65	-1	-3.65
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-6.41	1.70	-4.71	-1	-3.71
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-7.42	1.70	-5.72	-1	-4.72
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-6.88	1.70	-5.18	-1	-4.18
	6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-6.84	1.70	-5.14	-1	-4.14
	6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.03	1.70	-6.33	-1	-5.33
	6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.04	1.70	-5.34	-1	-4.34
	6665	143 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-6.39	1.70	-4.69	-1	-3.69
	6665		ax (160MHz)	26	36	12.5/14.7 (MCS11)	-6.65	1.70	-4.95	-1	-3.95
	6665	143 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-6.37	1.70	-4.67	-1	-3.67
	6825	175 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-7.19	1.70	-5.49	-1	-4.49
	6825		ax (160MHz)	26	36	12.5/14.7 (MCS11)	-7.09	1.70	-5.39	-1	-4.39
	6825	175 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-6.72	1.70	-5.02	-1	-4.02
Band 8	6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.36	-2.20	-8.56	-1	-7.56
	6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.76	-2.20	-9.96	-1	-8.96
	6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.74	-2.20	-8.94	-1	-7.94
	6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.80	-2.20	-9.00	-1	-8.00
	6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-7.64	-2.20	-9.84	-1	-8.84
	6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.88	-2.20	-9.08	-1	-8.08
	7095	229	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.11	-2.20	-10.31	-1	-9.31
	7095	229	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.71	-2.20	-10.91	-1	-9.91
	7095	229	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-7.98	-2.20	-10.18	-1	-9.18
	6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.77	-2.20	-8.97	-1	-7.97
	6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.79	-2.20	-8.99	-1	-7.99
	6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.82	-2.20	-9.02	-1	-8.02
	7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.55	-2.20	-8.75	-1	-7.75
	7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.42	-2.20	-8.62	-1	-7.62
	7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.42	-2.20	-8.62	-1	-7.62
	7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.67	-2.20	-8.87	-1	-7.87
	7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.77	-2.20	-8.97	-1	-7.97
	7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.83	-2.20	-9.03	-1	-8.03
	6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-6.93	-2.20	-9.13	-1	-8.13
	6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.58	-2.20	-10.78	-1	-9.78
	6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.04	-2.20	-9.24	-1	-8.24
	7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-6.86	-2.20	-9.06	-1	-8.06
	7025	215	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-7.81	-2.20	-10.01	-1	-9.01
	7025	215	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-6.74	-2.20	-8.94	-1	-7.94
	6985	207 (L)	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-7.17	-2.20	-9.37	-1	-8.37
	6985		ax (160MHz)	26	36	12.5/14.7 (MCS11)	-7.24	-2.20	-9.44	-1	-8.44
	6985	207 (U)	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-6.63	-2.20	-8.83	-1	-7.83

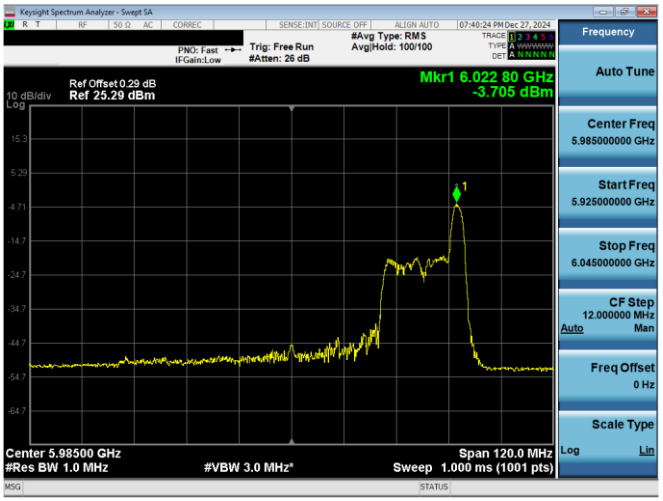
Table 7-156. Power Spectral Density Measurements Antenna 1b (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-5.04	-0.70	-5.74	-1	-4.74
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-3.00	-0.70	-3.70	-1	-2.70
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-3.54	-0.70	-4.24	-1	-3.24
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-3.86	-0.70	-4.56	-1	-3.56
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.79	-0.70	-5.49	-1	-4.49
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-3.48	-0.70	-4.18	-1	-3.18
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.33	-0.70	-4.03	-1	-3.03
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.63	-0.70	-4.33	-1	-3.33
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-3.93	-0.70	-4.63	-1	-3.63
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-5.16	-0.70	-5.86	-1	-4.86
	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-3.81	-0.70	-4.51	-1	-3.51
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-4.18	-0.70	-4.88	-1	-3.88
Band 6	6345	97	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-3.77	-0.30	-4.07	-1	-3.07
	6475	105	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.02	-0.30	-4.32	-1	-3.32
	6515	113	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-3.94	-0.30	-4.24	-1	-3.24
	6445	99	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-3.65	-0.30	-3.95	-1	-2.95
	6485	107	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-3.74	-0.30	-4.04	-1	-3.04
	6525	115	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.68	-0.30	-4.98	-1	-3.98
	6465	103	ax (80Mhz)	996	67	510.4/600.5 (MCS11)	-4.02	-0.30	-4.32	-1	-3.32
	6505	111	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-4.83	-0.30	-5.13	-1	-4.13
Band 7	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.55	1.70	-2.85	-1	-1.85
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.47	1.70	-2.77	-1	-1.77
	6875	185	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-5.06	1.70	-3.36	-1	-2.36
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.83	1.70	-3.13	-1	-2.13
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-6.45	1.70	-4.75	-1	-3.75
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.44	1.70	-2.74	-1	-1.74
	6545	119	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.89	1.70	-3.19	-1	-2.19
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.70	1.70	-3.00	-1	-2.00
	6865	183	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-5.03	1.70	-3.33	-1	-2.33
	6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-5.06	1.70	-3.36	-1	-2.36
	6825	175	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-5.23	1.70	-3.53	-1	-2.53
Band 8	6895	189	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-5.16	-2.20	-7.36	-1	-6.36
	6995	209	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-4.77	-2.20	-6.97	-1	-5.97
	7095	229	ax (20MHz)	242	61	121.9/143.4 (MCS11)	-6.45	-2.20	-8.65	-1	-7.65
	6885	187	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.97	-2.20	-7.17	-1	-6.17
	7005	211	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.78	-2.20	-6.98	-1	-5.98
	7085	227	ax (40MHz)	484	65	243.8/286.8 (MCS11)	-4.62	-2.20	-6.82	-1	-5.82
	6945	199	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-4.66	-2.20	-6.86	-1	-5.86
	7025	215	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-5.31	-2.20	-7.51	-1	-6.51
	6985	207	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-5.05	-2.20	-7.25	-1	-6.25

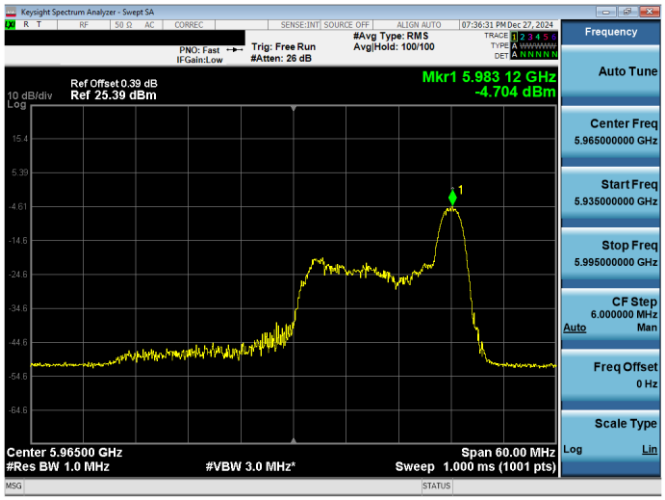
Table 7-157. Power Spectral Density Measurements Antenna 1b (Fully – Loaded RU)



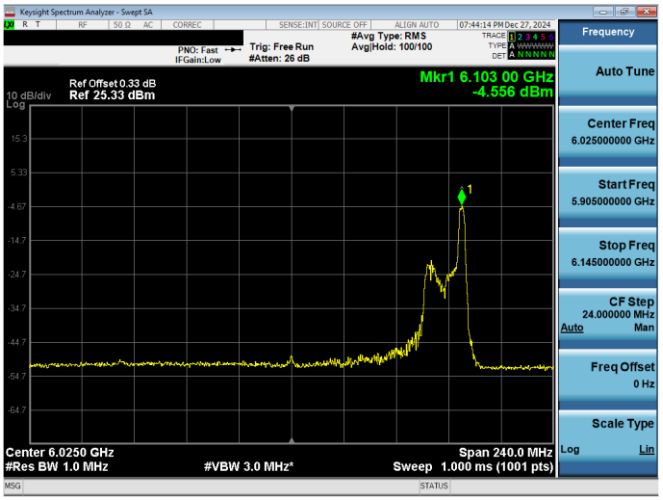
Plot 7-305. PSD Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 1)



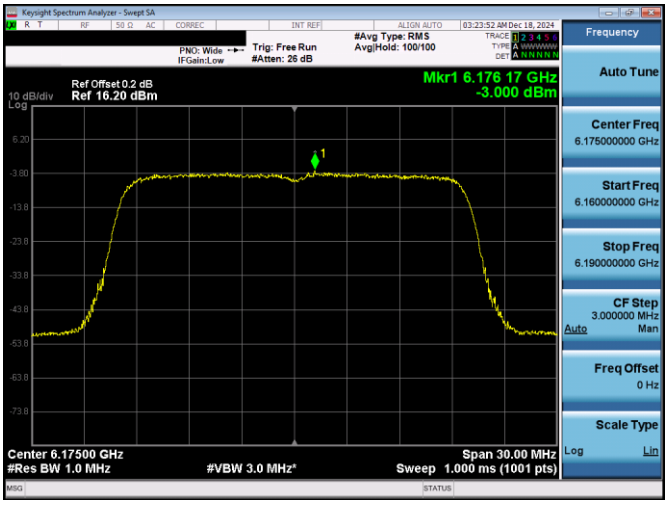
Plot 7-307. PSD Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 7)



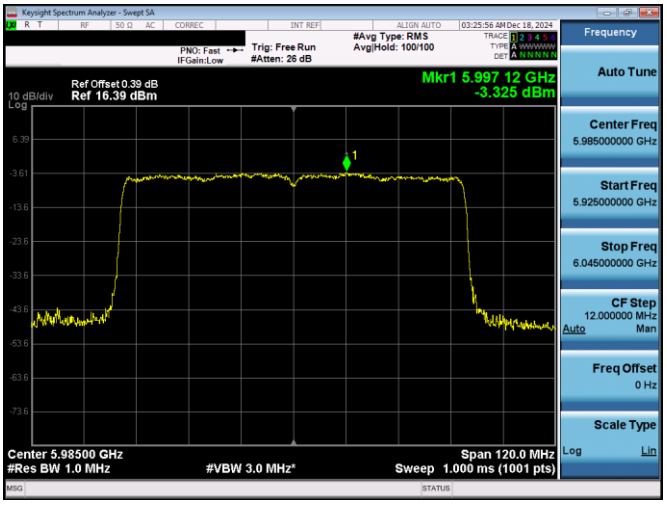
Plot 7-306. PSD Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 3)



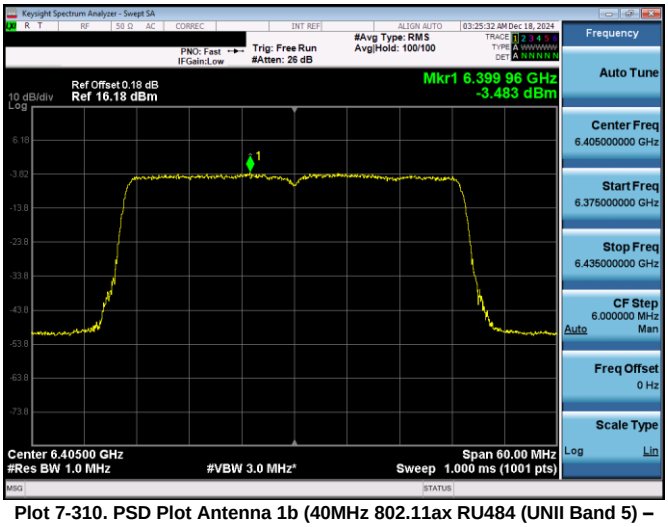
Plot 7-308. PSD Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 15)



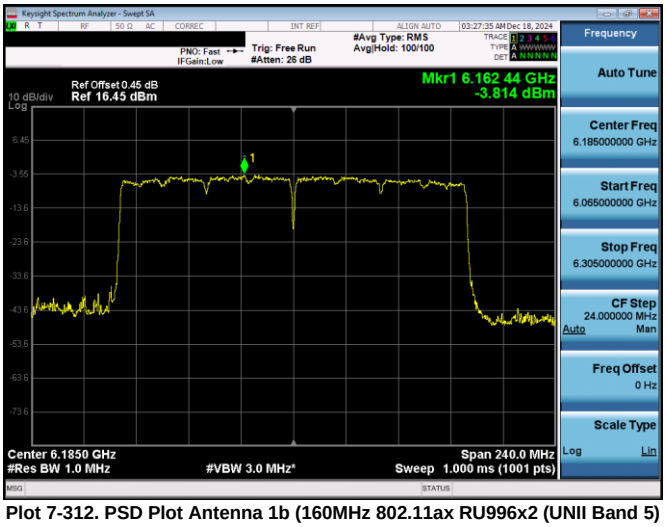
Plot 7-309. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



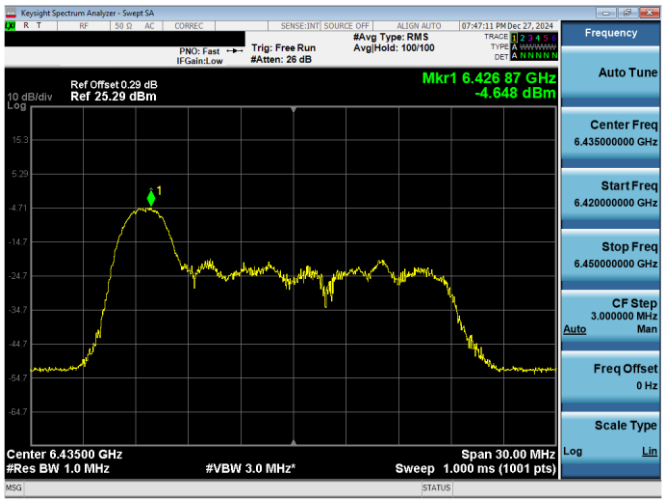
Plot 7-311. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 7)



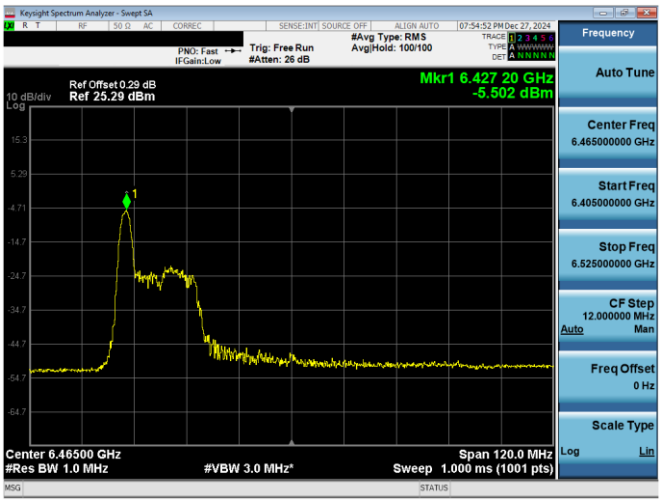
Plot 7-310. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 91)



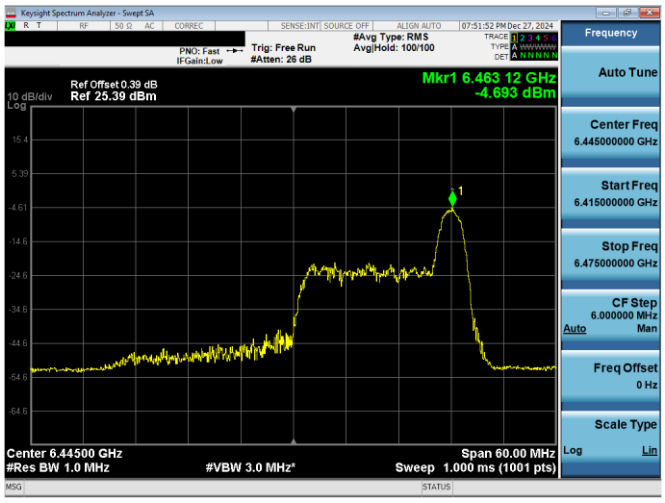
Plot 7-312. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



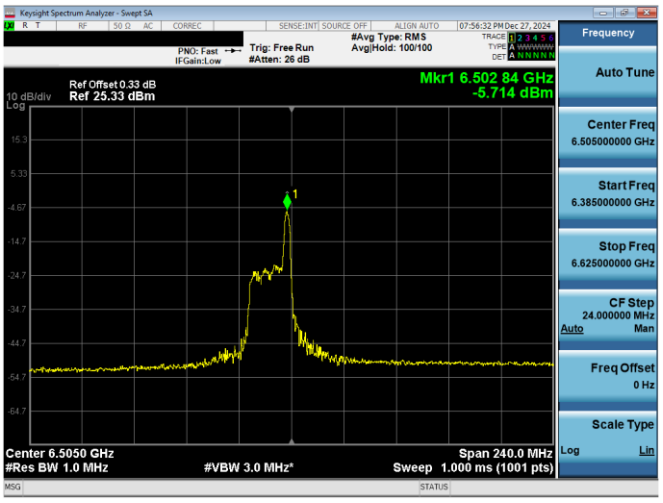
Plot 7-313. PSD Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 97)



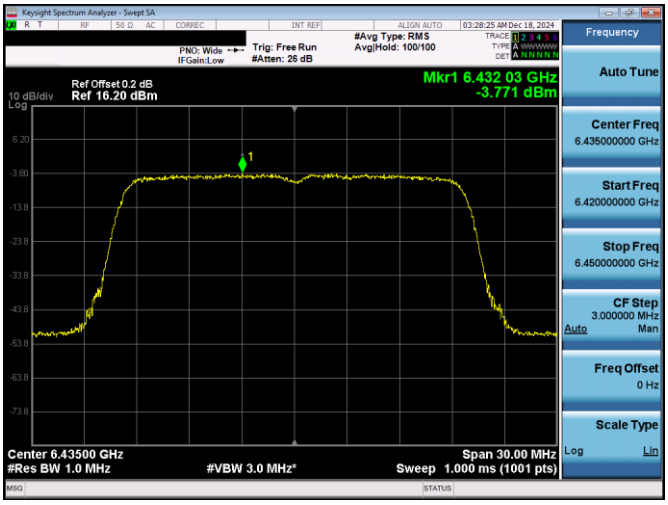
Plot 7-315. PSD Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



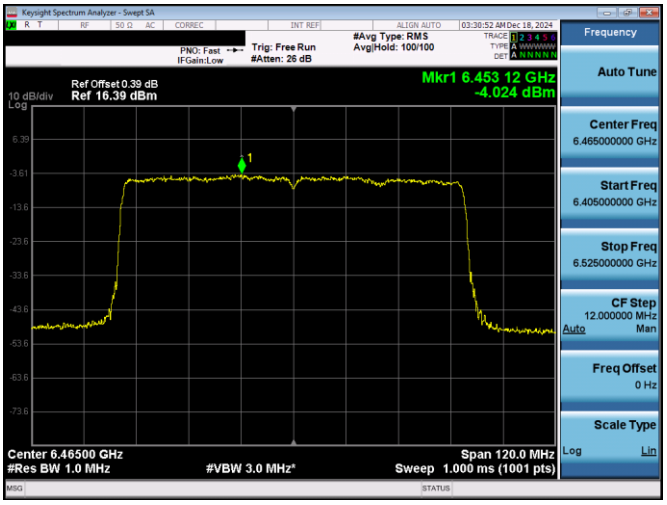
Plot 7-314. PSD Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 99)



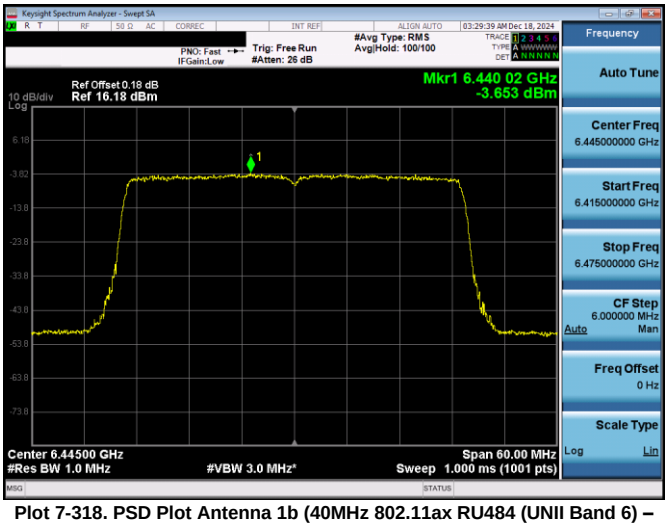
Plot 7-316. PSD Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



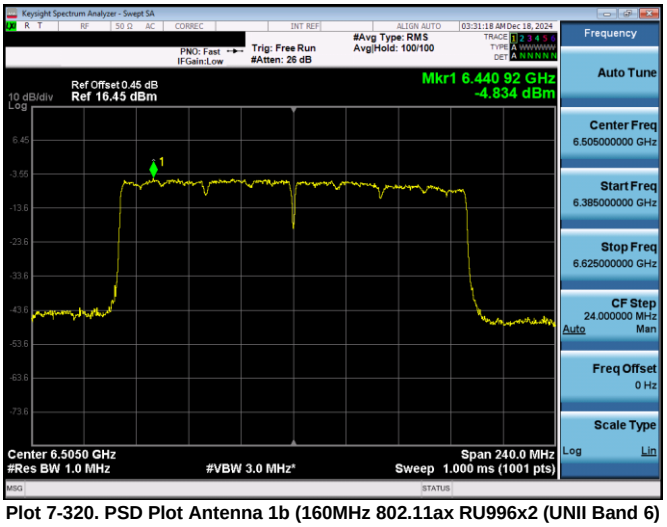
Plot 7-317. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 97)



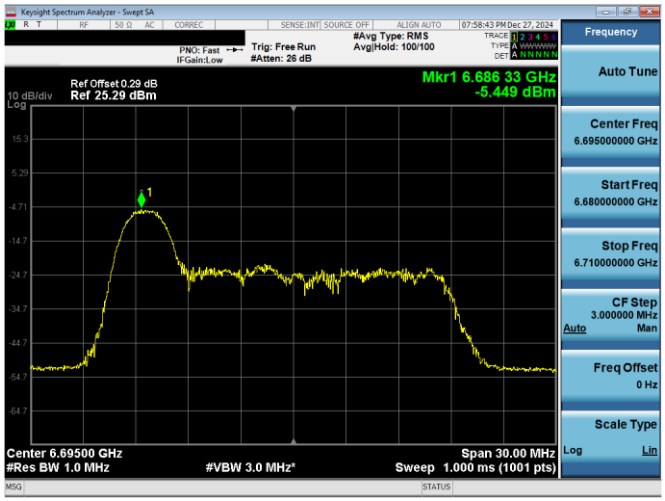
Plot 7-319. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



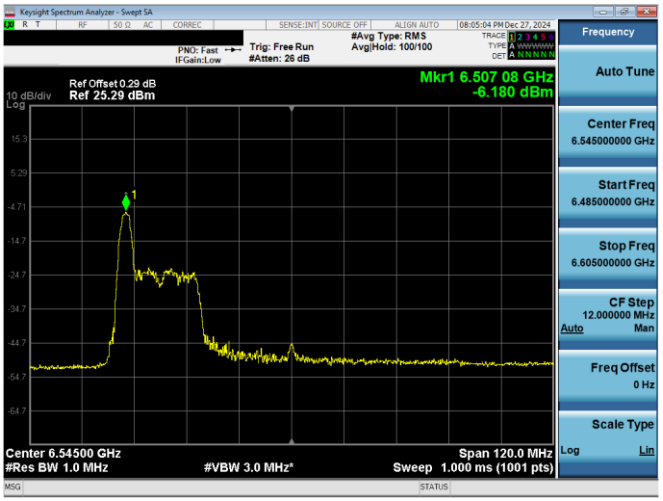
Plot 7-318. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 99)



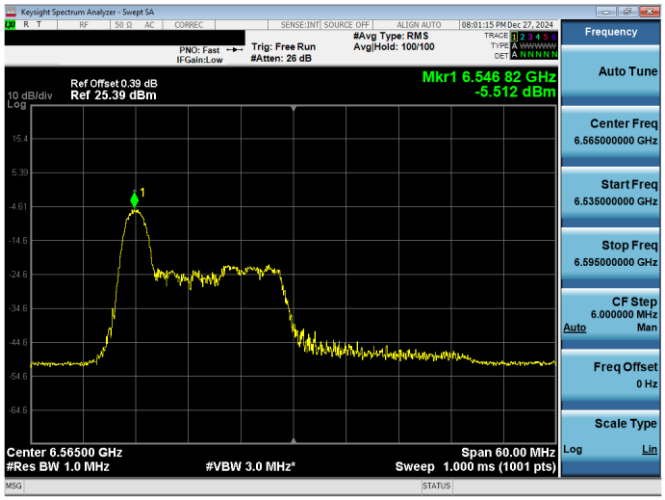
Plot 7-320. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)



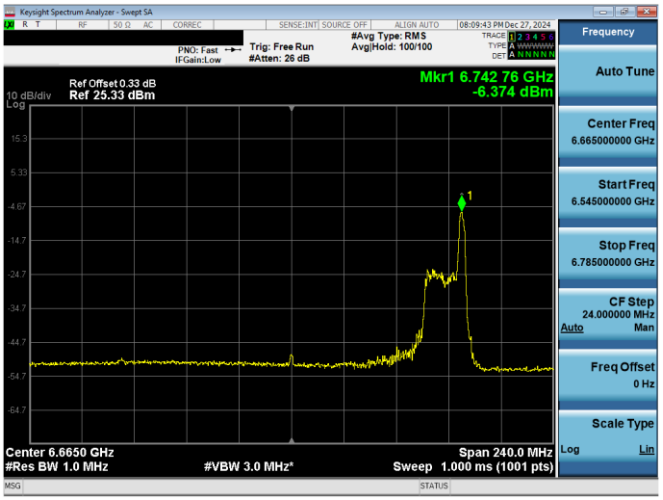
Plot 7-321. PSD Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



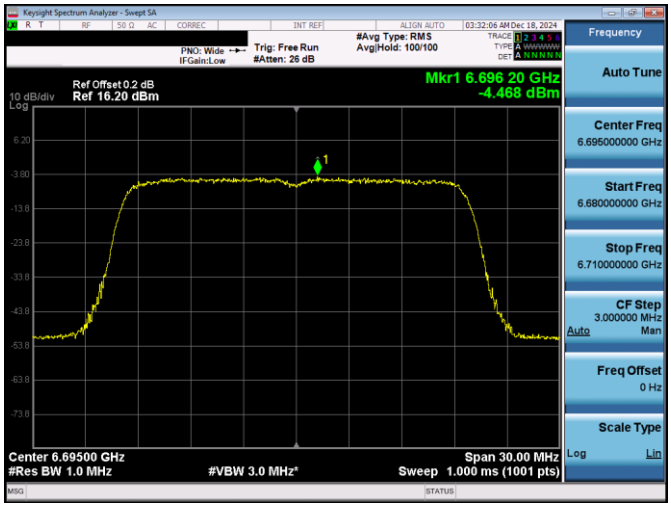
Plot 7-323. PSD Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 119)



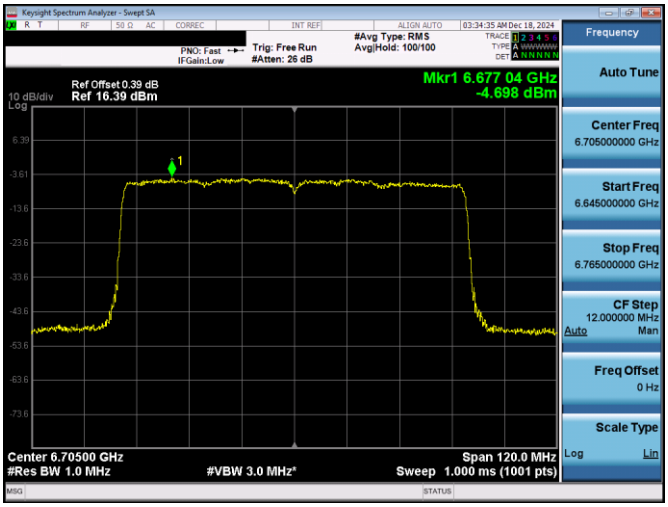
Plot 7-322. PSD Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 123)



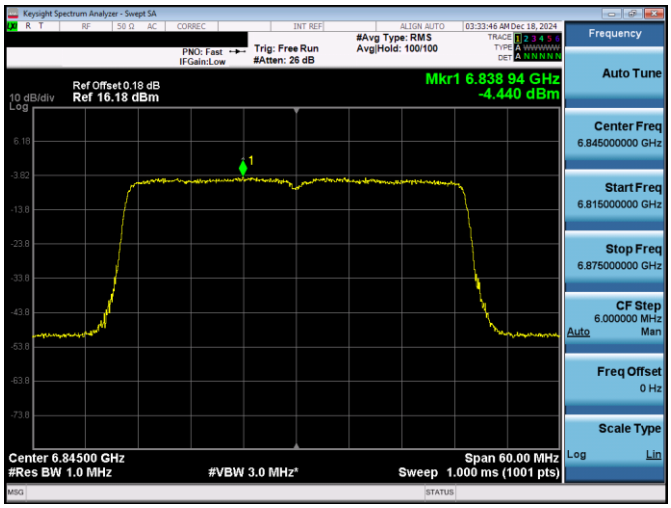
Plot 7-324. PSD Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-325. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

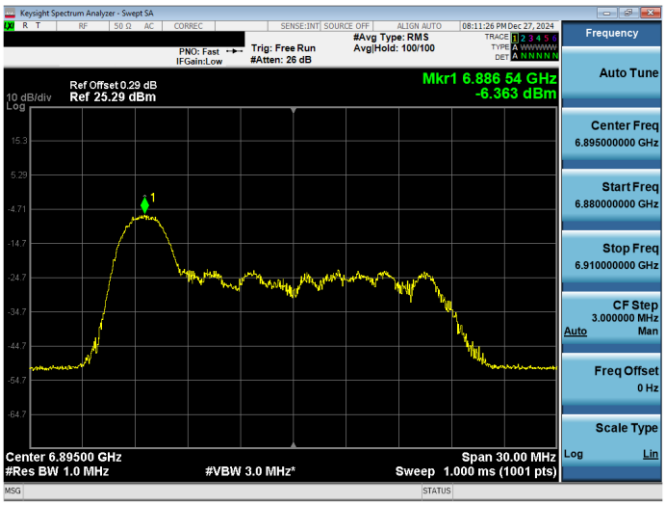


Plot 7-327. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)

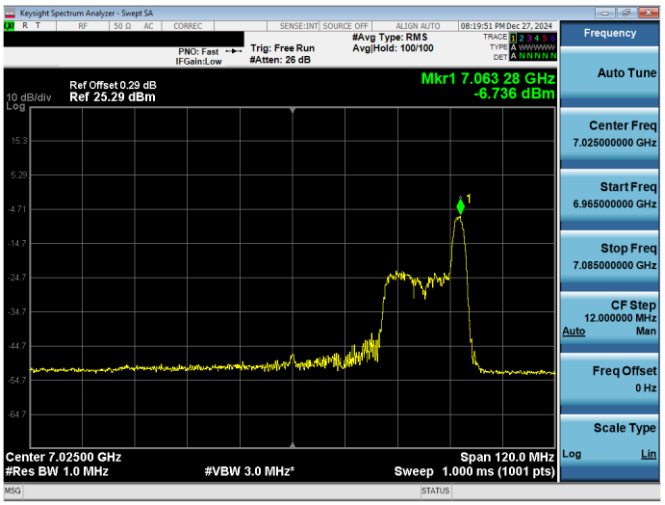


Plot 7-326. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 179)

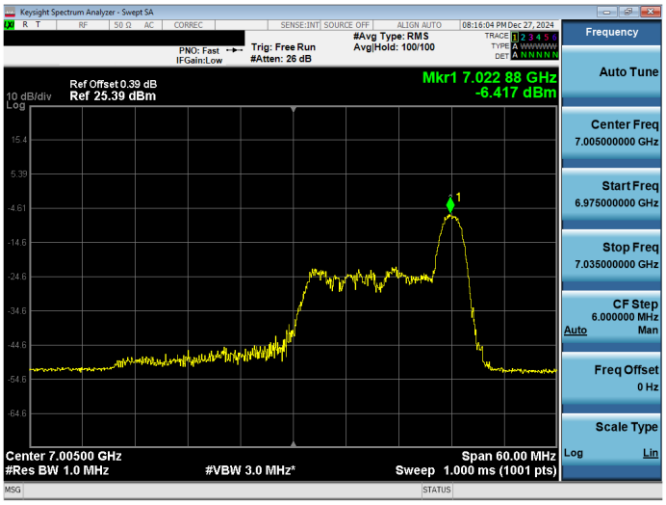
Plot 7-328. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)



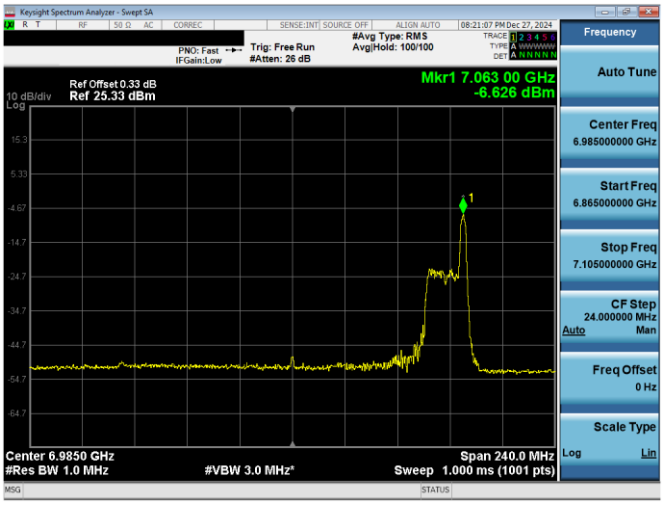
Plot 7-329. PSD Plot Antenna 1b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 189)



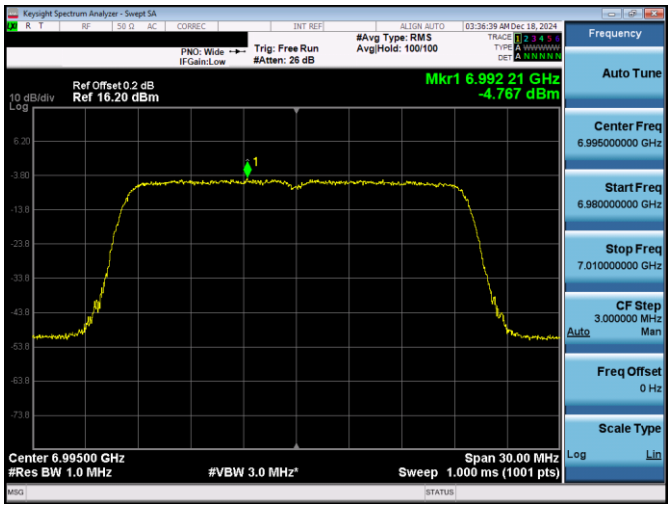
Plot 7-331. PSD Plot Antenna 1b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 215)



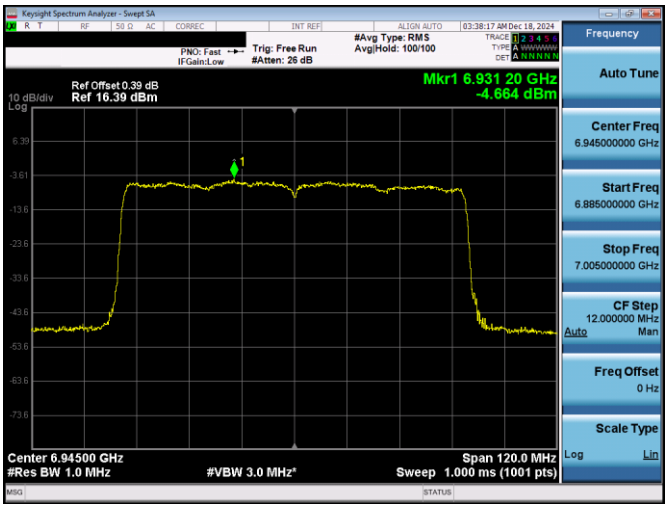
Plot 7-330. PSD Plot Antenna 1b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



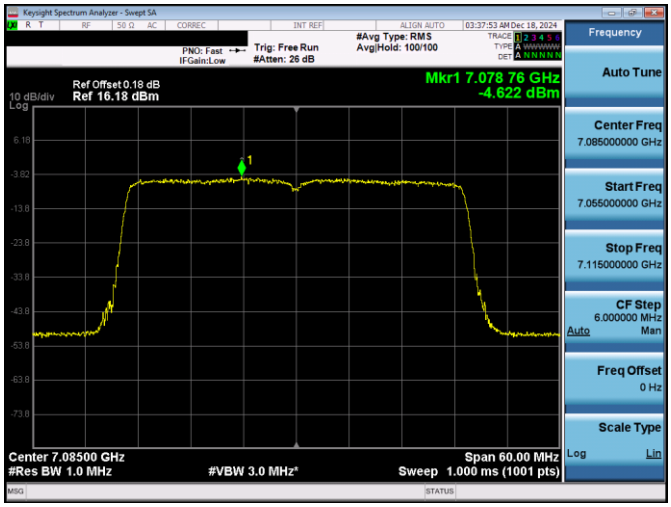
Plot 7-332. PSD Plot Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



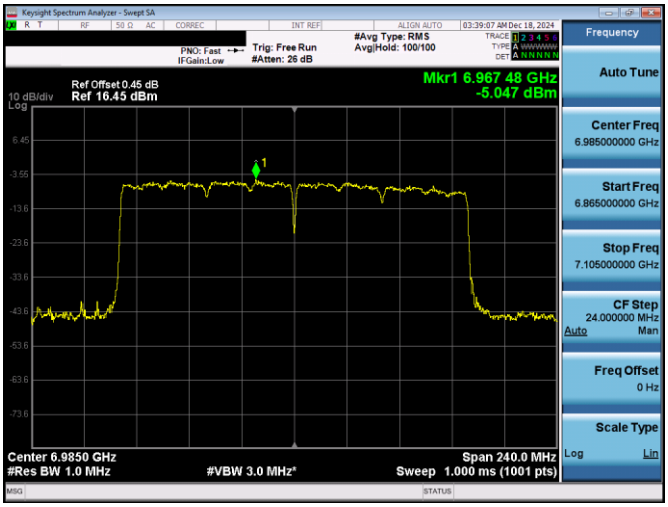
Plot 7-333. PSD Plot Antenna 1b (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



Plot 7-335. PSD Plot Antenna 1b (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)



Plot 7-334. PSD Plot Antenna 1b (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 227)



Plot 7-336. PSD Plot Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

7.4.7 CDD/SDM Primary Power Spectral Density Measurements – SP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 3a Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	26	0	CDD	25/29.4 (MCS11)	7.09	7.08	10.09	4.18	14.28	17	-2.72
	5955	1	ax (20MHz)	26	4	CDD	25/29.4 (MCS11)	6.05	6.05	9.06	4.18	13.24	17	-3.76
	5955	1	ax (20MHz)	26	8	CDD	25/29.4 (MCS11)	7.12	7.08	10.11	4.18	14.29	17	-2.71
	6175	45	ax (20MHz)	26	0	CDD	25/29.4 (MCS11)	7.58	8.03	10.82	4.18	15.01	17	-1.99
	6175	45	ax (20MHz)	26	4	CDD	25/29.4 (MCS11)	6.60	6.87	9.74	4.18	13.93	17	-3.07
	6175	45	ax (20MHz)	26	8	CDD	25/29.4 (MCS11)	7.57	7.68	10.63	4.18	14.82	17	-2.18
	6415	93	ax (20MHz)	26	0	CDD	25/29.4 (MCS11)	7.02	7.71	10.39	4.18	14.58	17	-2.42
	6415	93	ax (20MHz)	26	4	CDD	25/29.4 (MCS11)	6.15	6.85	9.52	4.18	13.71	17	-3.29
	6415	93	ax (20MHz)	26	8	CDD	25/29.4 (MCS11)	7.51	7.82	10.68	4.18	14.86	17	-2.14
	5965	3	ax (40MHz)	26	0	CDD	25/29.4 (MCS11)	7.29	7.18	10.25	4.18	14.43	17	-2.57
	5965	3	ax (40MHz)	26	8	CDD	25/29.4 (MCS11)	6.64	7.57	10.14	4.18	14.32	17	-2.68
	5965	3	ax (40MHz)	26	17	CDD	25/29.4 (MCS11)	6.58	7.15	9.89	4.18	14.07	17	-2.93
	6165	43	ax (40MHz)	26	0	CDD	25/29.4 (MCS11)	7.39	7.64	10.53	4.18	14.72	17	-2.28
	6165	43	ax (40MHz)	26	8	CDD	25/29.4 (MCS11)	7.15	7.37	10.28	4.18	14.46	17	-2.54
	6165	43	ax (40MHz)	26	17	CDD	25/29.4 (MCS11)	6.65	7.16	9.92	4.18	14.11	17	-2.89
	6165	91	ax (40MHz)	26	0	CDD	25/29.4 (MCS11)	7.43	7.13	10.29	4.18	14.48	17	-2.52
	6165	91	ax (40MHz)	26	8	CDD	25/29.4 (MCS11)	7.78	7.81	10.81	4.18	14.99	17	-2.01
	6165	91	ax (40MHz)	26	17	CDD	25/29.4 (MCS11)	7.66	7.20	10.44	4.18	14.63	17	-2.37
	5985	7	ax (80MHz)	26	0	CDD	25/29.4 (MCS11)	7.25	7.07	10.17	4.18	14.35	17	-2.65
	5985	7	ax (80MHz)	26	18	CDD	25/29.4 (MCS11)	5.66	6.43	9.07	4.18	13.26	17	-3.74
	5985	7	ax (80MHz)	26	36	CDD	25/29.4 (MCS11)	7.08	8.00	10.58	4.18	14.76	17	-2.24
	6145	39	ax (80MHz)	26	0	CDD	25/29.4 (MCS11)	7.55	8.25	10.93	4.18	15.11	17	-1.89
	6145	39	ax (80MHz)	26	18	CDD	25/29.4 (MCS11)	6.10	6.51	9.32	4.18	13.50	17	-3.50
	6145	39	ax (80MHz)	26	36	CDD	25/29.4 (MCS11)	6.70	7.88	10.34	4.18	14.53	17	-2.47
	6385	87	ax (80MHz)	26	0	CDD	25/29.4 (MCS11)	7.68	8.06	10.88	4.18	15.07	17	-1.93
	6385	87	ax (80MHz)	26	18	CDD	25/29.4 (MCS11)	5.87	6.36	9.13	4.18	13.32	17	-3.68
	6385	87	ax (80MHz)	26	36	CDD	25/29.4 (MCS11)	7.12	7.91	10.54	4.18	14.73	17	-2.27
	6025	15 (L)	ax (160MHz)	26	0	CDD	25/29.4 (MCS11)	7.13	7.66	10.41	4.18	14.60	17	-2.40
	6025		ax (160MHz)	26	36	CDD	25/29.4 (MCS11)	7.29	7.39	10.35	4.18	14.53	17	-2.47
	6025	15 (U)	ax (160MHz)	26	36	CDD	25/29.4 (MCS11)	6.95	6.96	9.97	4.18	14.15	17	-2.85
	6181	47 (L)	ax (160MHz)	26	0	CDD	25/29.4 (MCS11)	7.09	8.53	10.88	4.18	15.06	17	-1.94
	6181		ax (160MHz)	26	36	CDD	25/29.4 (MCS11)	6.72	7.16	9.96	4.18	14.14	17	-2.86
	6181	47 (U)	ax (160MHz)	26	36	CDD	25/29.4 (MCS11)	6.91	7.44	10.19	4.18	14.38	17	-2.62
	6345	79 (L)	ax (160MHz)	26	0	CDD	25/29.4 (MCS11)	6.96	6.83	9.91	4.18	14.09	17	-2.91
	6345		ax (160MHz)	26	36	CDD	25/29.4 (MCS11)	6.46	7.35	9.94	4.18	14.12	17	-2.88
	6345	79 (U)	ax (160MHz)	26	36	CDD	25/29.4 (MCS11)	6.30	6.99	9.67	4.18	13.85	17	-3.15
Band 6	6345	97	ax (20MHz)	26	0	CDD	25/29.4 (MCS11)	6.92	7.53	10.25	3.58	13.82	17	-3.18
	6345	97	ax (20MHz)	26	4	CDD	25/29.4 (MCS11)	6.44	6.50	9.48	3.58	13.06	17	-3.94
	6345	97	ax (20MHz)	26	8	CDD	25/29.4 (MCS11)	7.46	7.72	10.60	3.58	14.18	17	-2.82
	6475	105	ax (20MHz)	26	0	CDD	25/29.4 (MCS11)	7.16	6.97	10.07	3.58	13.65	17	-3.35
	6475	105	ax (20MHz)	26	4	CDD	25/29.4 (MCS11)	6.13	6.42	9.28	3.58	12.86	17	-4.14
	6475	105	ax (20MHz)	26	8	CDD	25/29.4 (MCS11)	6.82	6.76	9.80	3.58	13.37	17	-3.63
	6515	113	ax (20MHz)	26	0	CDD	25/29.4 (MCS11)	7.04	7.30	10.18	3.58	13.76	17	-3.24
	6515	113	ax (20MHz)	26	4	CDD	25/29.4 (MCS11)	6.15	6.67	9.43	3.58	13.01	17	-3.99
	6515	113	ax (20MHz)	26	8	CDD	25/29.4 (MCS11)	6.95	7.26	10.12	3.58	13.69	17	-3.31
	6445	99	ax (40MHz)	26	0	CDD	25/29.4 (MCS11)	7.21	8.42	10.87	3.58	14.44	17	-2.56
	6445	99	ax (40MHz)	26	8	CDD	25/29.4 (MCS11)	7.16	7.13	10.15	3.58	13.73	17	-3.27
	6445	99	ax (40MHz)	26	17	CDD	25/29.4 (MCS11)	6.85	7.11	9.99	3.58	13.57	17	-3.43
	6485	107	ax (40MHz)	26	0	CDD	25/29.4 (MCS11)	7.07	6.76	9.93	3.58	13.50	17	-3.50
	6485	107	ax (40MHz)	26	8	CDD	25/29.4 (MCS11)	6.64	7.32	10.00	3.58	13.58	17	-3.42
	6485	107	ax (40MHz)	26	17	CDD	25/29.4 (MCS11)	6.88	6.99	9.95	3.58	13.52	17	-3.48
	6525	115	ax (40MHz)	26	0	CDD	25/29.4 (MCS11)	7.18	7.00	10.10	3.58	13.67	17	-3.33
	6525	115	ax (40MHz)	26	8	CDD	25/29.4 (MCS11)	6.92	6.93	9.94	3.58	13.51	17	-3.49
	6525	115	ax (40MHz)	26	17	CDD	25/29.4 (MCS11)	6.68	6.61	9.66	3.58	13.23	17	-3.77
	6465	103	ax (80Mhz)	26	0	CDD	25/29.4 (MCS11)	6.52	7.01	9.78	3.58	13.36	17	-3.64
	6465	103	ax (80Mhz)	26	18	CDD	25/29.4 (MCS11)	6.11	6.66	9.40	3.58	12.98	17	-4.02
	6465	103	ax (80Mhz)	26	36	CDD	25/29.4 (MCS11)	7.09	7.21	10.16	3.58	13.73	17	-3.27
	6505	111 (L)	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	6.17	7.27	9.77	0.72	10.49	17	-6.51
	6505		ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	7.37	7.52	10.46	0.72	11.18	17	-5.82
	6505	111 (U)	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	7.01	7.30	10.16	0.72	10.89	17	-6.11

Table 7-158. Power Spectral Density Measurements CDD/SDM Primary (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 3a Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 7	6535	117	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	7.16	7.48	10.33	1.50	11.83	17	-5.17
	6535	117	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	5.51	6.01	8.78	1.50	10.28	17	-6.72
	6535	117	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.00	7.38	10.20	1.50	11.70	17	-5.30
	6695	149	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	7.56	7.18	10.38	1.50	11.88	17	-5.12
	6695	149	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	6.74	6.62	9.69	1.50	11.20	17	-5.80
	6695	149	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.33	7.26	10.30	1.50	11.81	17	-5.19
	6875	181	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	8.10	7.61	10.87	1.50	12.38	17	-4.62
	6875	181	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	6.93	6.69	9.82	1.50	11.32	17	-5.68
	6875	181	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.60	7.57	10.60	1.50	12.10	17	-4.90
	6565	123	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	6.47	7.52	10.04	1.50	11.54	17	-5.46
	6565	123	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	6.94	7.73	10.36	1.50	11.87	17	-5.13
	6565	123	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	7.14	7.89	10.54	1.50	12.04	17	-4.96
	6725	155	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	6.78	7.24	10.03	1.50	11.53	17	-5.47
	6725	155	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	7.54	7.45	10.50	1.50	12.01	17	-4.99
	6725	155	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	7.60	6.35	10.03	1.50	11.53	17	-5.47
	6845	179	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	7.58	7.65	10.63	1.50	12.13	17	-4.87
	6845	179	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	7.34	8.13	10.76	1.50	12.27	17	-4.73
	6845	179	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	7.89	6.80	10.39	1.50	11.89	17	-5.11
	6545	119	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	7.04	7.21	10.14	1.50	11.64	17	-5.36
	6545	119	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.01	6.30	9.17	1.50	10.67	17	-6.33
	6545	119	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	6.40	6.92	9.68	1.50	11.18	17	-5.82
	6545	135	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	6.71	7.58	10.18	1.50	11.68	17	-5.32
	6545	135	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.17	6.22	9.20	1.50	10.70	17	-6.30
	6545	135	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.65	8.28	10.98	1.50	12.49	17	-4.51
	6705	151	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	6.68	6.76	9.73	1.50	11.23	17	-5.77
	6705	151	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	5.71	6.94	9.38	1.50	10.88	17	-6.12
	6705	151	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.54	7.60	10.58	1.50	12.08	17	-4.92
	6865	167	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	7.74	7.90	10.83	1.50	12.33	17	-4.67
	6865	167	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.32	6.19	9.27	1.50	10.77	17	-6.23
	6865	167	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.37	7.29	10.34	1.50	11.84	17	-5.16
	6665	143 (L)	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	7.02	6.69	9.87	1.50	11.37	17	-5.63
	6665		ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	7.28	7.26	10.28	1.50	11.78	17	-5.22
	6665	143 (U)	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	7.58	6.95	10.29	1.50	11.79	17	-5.21

Table 7-159. Power Spectral Density Measurements SDM Primary (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 3c Power Density [dBm/MHz]	Antenna 3a Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	CDD	243.8/286.8 (MCS11)	7.45	7.71	10.59	4.18	14.77	17	-2.23
	6175	45	ax (20MHz)	242	61	CDD	243.8/286.8 (MCS11)	7.53	8.46	11.03	4.18	15.22	17	-1.78
	6415	93	ax (20MHz)	242	61	CDD	243.8/286.8 (MCS11)	7.93	8.96	11.49	4.18	15.67	17	-1.33
	5965	3	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	4.22	4.85	7.56	4.18	11.74	17	-5.26
	6165	43	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	5.11	5.57	8.36	4.18	12.54	17	-4.46
	6165	91	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	4.83	5.76	8.33	4.18	12.51	17	-4.49
	5985	7	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	2.11	2.00	5.07	4.18	9.25	17	-7.75
	6145	39	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	1.94	2.42	5.20	4.18	9.38	17	-7.62
	6385	87	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	2.11	2.77	5.46	4.18	9.65	17	-7.35
	6025	15	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	-0.46	-0.21	2.68	4.18	6.86	17	-10.14
	6181	47	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	-0.71	-0.33	2.49	4.18	6.68	17	-10.32
	6345	79	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	-0.80	-0.12	2.57	4.18	6.75	17	-10.25
Band 6	6345	97	ax (20MHz)	242	61	CDD	243.8/286.8 (MCS11)	7.72	8.43	11.10	3.58	14.67	17	-2.33
	6475	105	ax (20MHz)	242	61	CDD	243.8/286.8 (MCS11)	7.40	7.77	10.60	3.58	14.17	17	-2.83
	6515	113	ax (20MHz)	242	61	CDD	243.8/286.8 (MCS11)	7.19	8.16	10.71	3.58	14.29	17	-2.71
	6445	99	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	4.88	5.37	8.14	3.58	11.72	17	-5.28
	6485	107	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	4.81	5.38	8.12	3.58	11.69	17	-5.31
	6525	115	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	4.71	5.38	8.07	3.58	11.64	17	-5.36
	6465	103	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	2.02	2.36	5.20	3.58	8.78	17	-8.22
	6505	111	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	-0.98	-0.63	2.21	3.58	5.78	17	-11.22
Band 7	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	7.38	8.45	10.96	1.50	12.46	17	-4.54
	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	8.26	8.12	11.20	1.50	12.70	17	-4.30
	6875	181	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	8.54	8.13	11.35	1.50	12.85	17	-4.15
	6565	123	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	5.12	5.75	8.46	4.32	12.77	17	-4.23
	6725	155	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	5.09	5.20	8.16	4.32	12.47	17	-4.53
	6845	179	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	5.57	5.38	8.48	4.32	12.80	17	-4.20
	6545	119	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	2.07	1.94	5.01	4.32	9.33	17	-7.67
	6545	135	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	2.14	2.34	5.25	4.32	9.57	17	-7.43
	6705	151	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	2.18	2.34	5.27	4.32	9.59	17	-7.41
	6865	167	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	2.12	2.17	5.16	4.32	9.47	17	-7.53
	6665	143	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	0.03	0.02	3.03	4.32	7.35	17	-9.65

Table 7-160. Power Spectral Density Measurements CDD/SDM Primary (Fully-loaded RU)