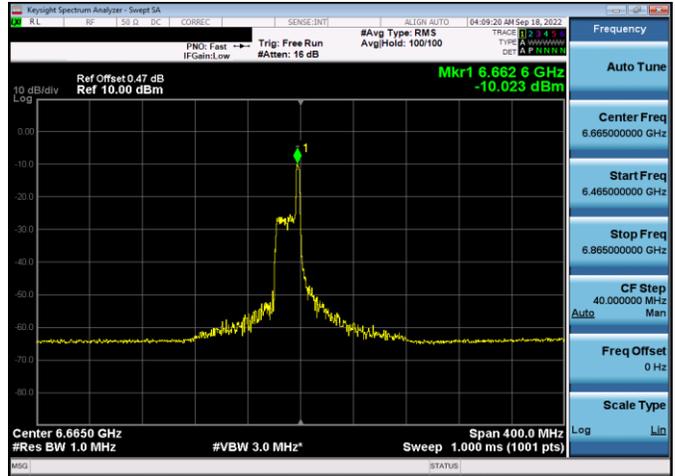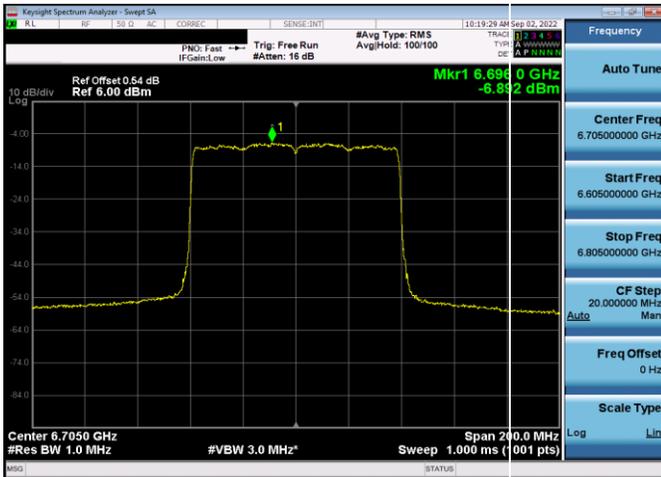**Plot 7-171. Power Spectral Density Plot Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)**

Plot 7-174. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

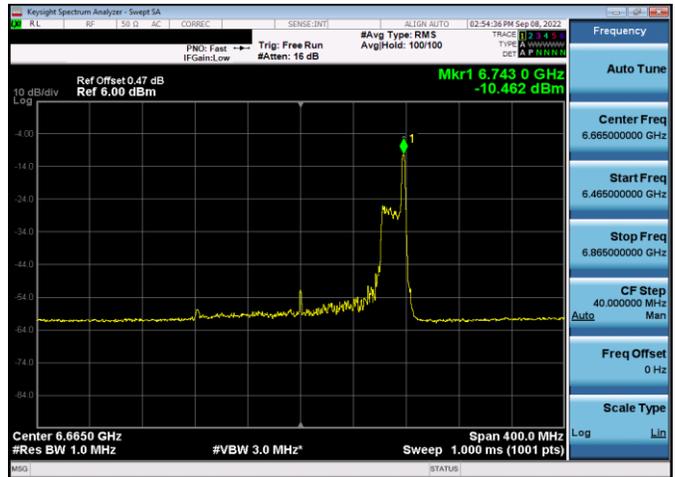**Plot 7-172. Power Spectral Density Plot Antenna WF5t (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)**
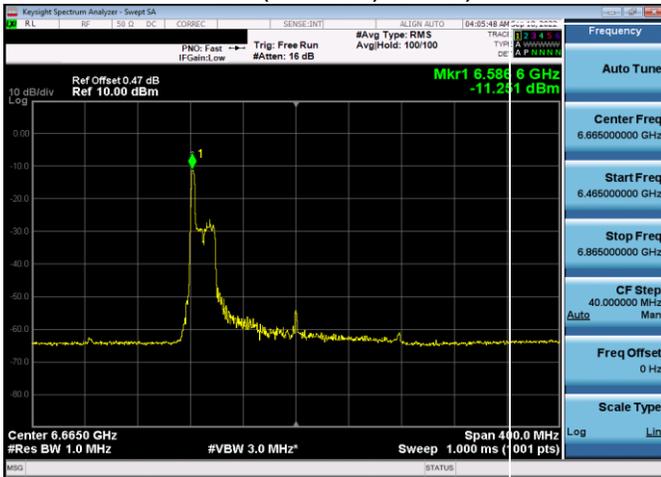
Plot 7-175. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)
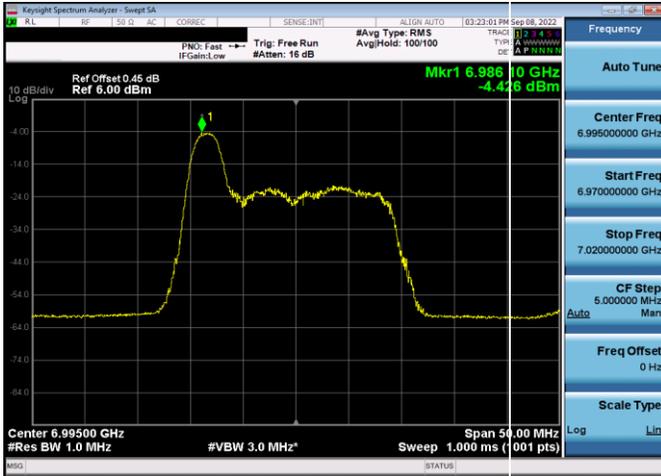
Plot 7-173. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)
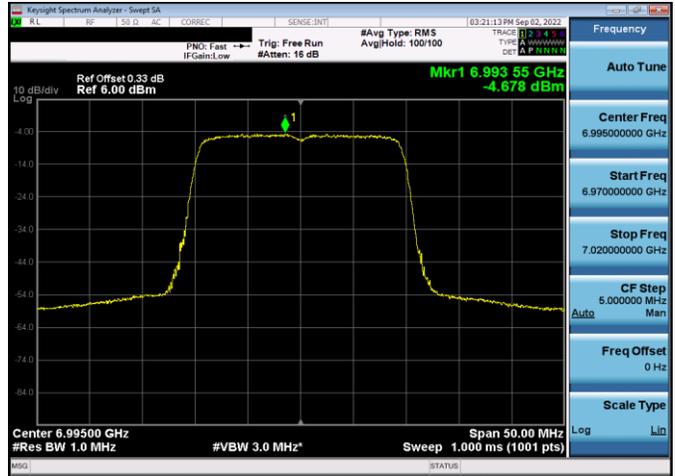
Plot 7-176. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU484 (UNII Band 7) – Ch. 143)
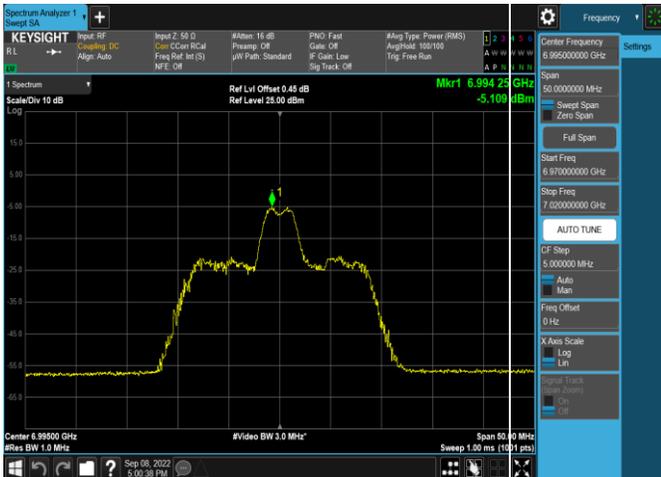
Plot 7-177. Power Spectral Density Plot Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

Plot 7-180. Power Spectral Density Plot Antenna WF5t (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)

Plot 7-178. Power Spectral Density Plot Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

Plot 7-181. Power Spectral Density Plot Antenna WF5t (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)
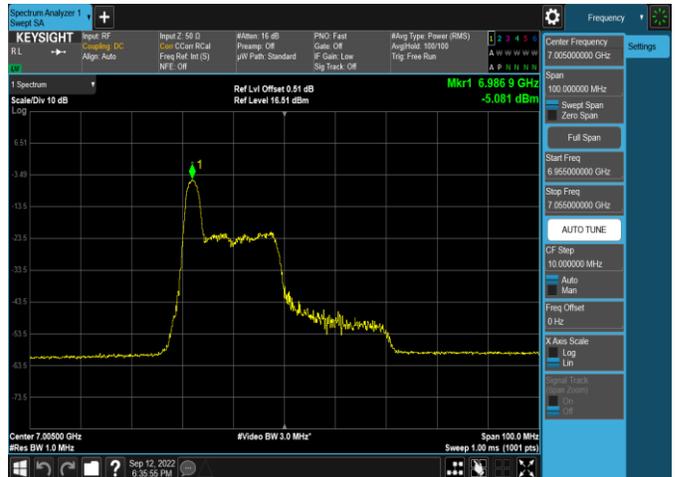

Plot 7-179. Power Spectral Density Plot Antenna WF5t (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

Plot 7-182. Power Spectral Density Plot Antenna WF5t (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)
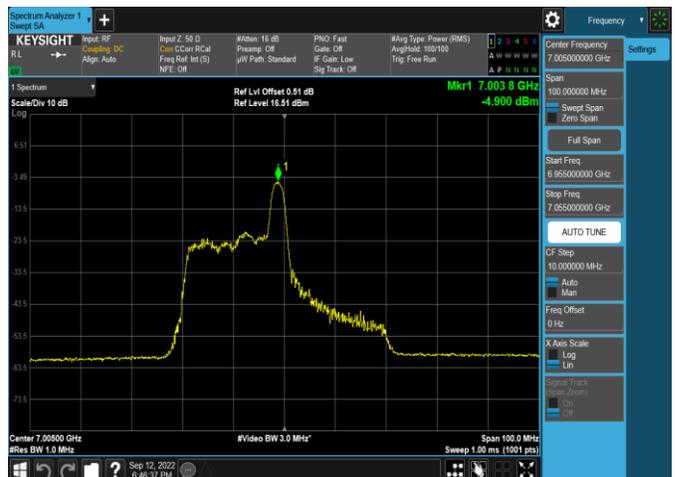
Plot 7-183. Power Spectral Density Plot Antenna WF5t (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

Plot 7-186. Power Spectral Density Plot Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

Plot 7-184. Power Spectral Density Plot Antenna WF5t (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)

Plot 7-187. Power Spectral Density Plot Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

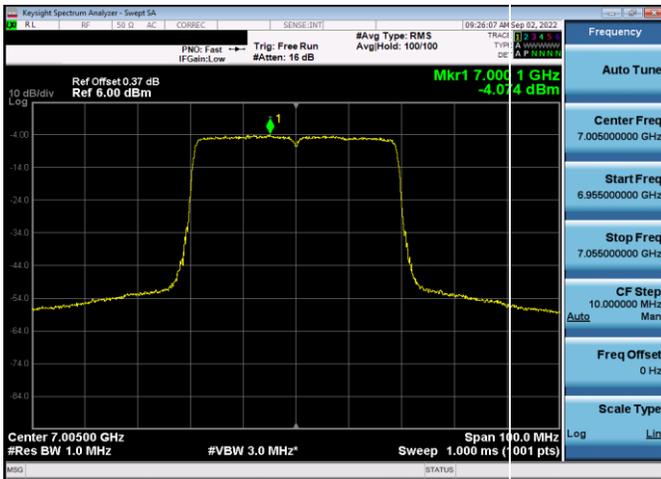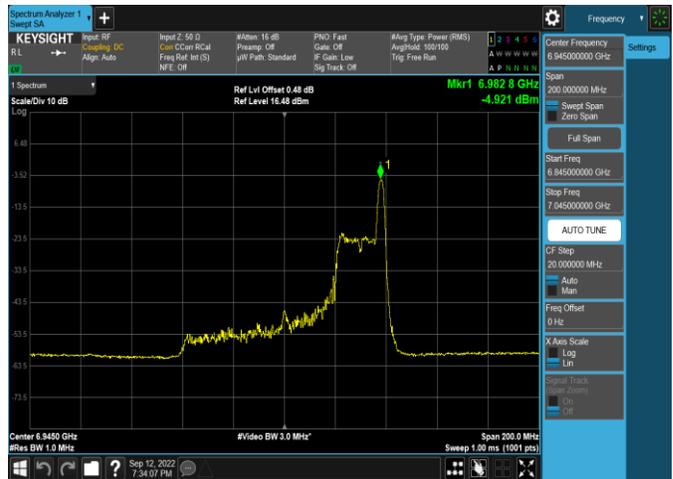**Plot 7-185. Power Spectral Density Plot Antenna WF5t (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)**

Plot 7-188. Power Spectral Density Plot Antenna WF5t (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

Plot 7-189. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

Plot 7-191. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)
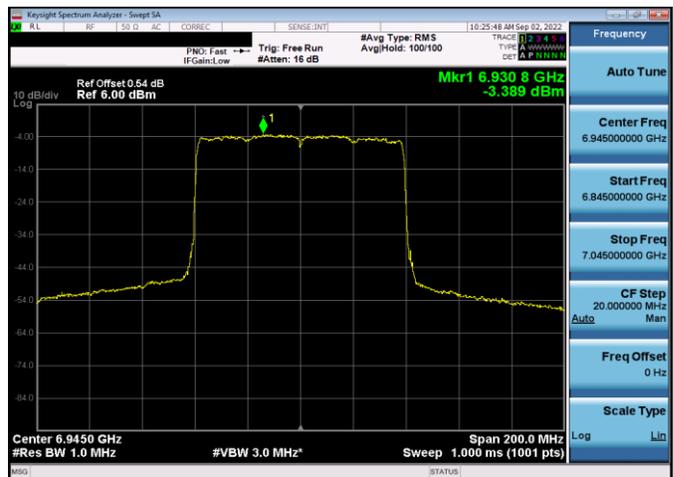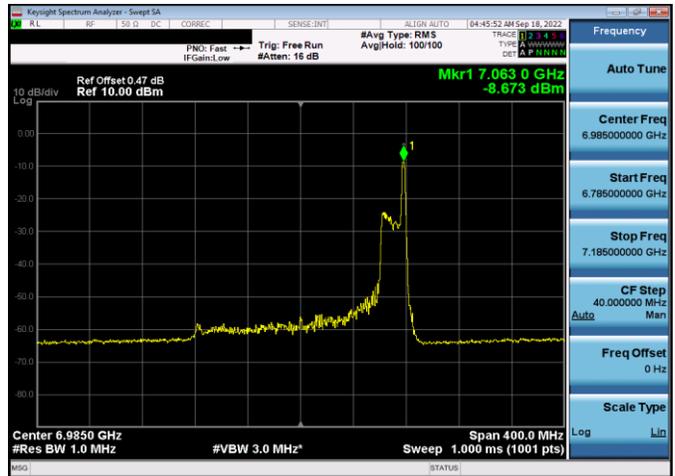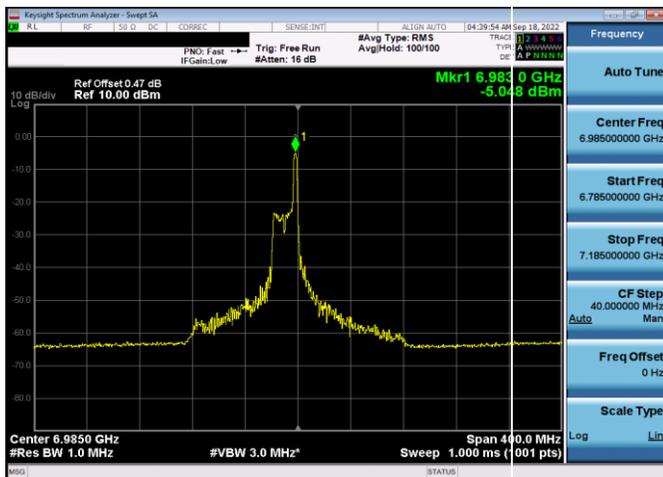

Plot 7-190. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

Plot 7-192. Power Spectral Density Plot Antenna WF5t (160MHz 802.11ax RU484 (UNII Band 8) – Ch. 207)

7.4.2 Antenna WF5b Power Spectral Density Measurements

Band	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)	-5.56	2.20	-3.36	-1	-2.36
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.95	2.20	-3.75	-1	-2.75
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-5.76	2.20	-3.56	-1	-2.56
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.57	2.90	-3.67	-1	-2.67
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.39	2.90	-3.49	-1	-2.49
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.09	2.90	-3.19	-1	-2.19
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-10.13	4.30	-5.83	-1	-4.83
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.05	4.30	-5.75	-1	-4.75
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-9.90	4.30	-5.60	-1	-4.60
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-7.68	2.20	-5.48	-1	-4.48
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-5.62	2.20	-3.42	-1	-2.42
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.09	2.20	-5.89	-1	-4.89
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.36	2.90	-5.46	-1	-4.46
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.48	2.90	-3.58	-1	-2.58
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.34	2.90	-5.44	-1	-4.44
	6405	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.25	4.50	-3.75	-1	-2.75
	6405	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.76	4.50	-2.26	-1	-1.26
	6405	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-7.63	4.50	-3.13	-1	-2.13
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-7.17	2.20	-4.97	-1	-3.97
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-7.04	2.20	-4.84	-1	-3.84
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-6.79	2.20	-4.59	-1	-3.59
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-8.67	2.90	-5.77	-1	-4.77
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.28	2.90	-5.38	-1	-4.38
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.52	2.90	-4.62	-1	-3.62
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-9.19	4.50	-4.69	-1	-3.69
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.92	4.50	-4.42	-1	-3.42
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.87	4.50	-3.37	-1	-2.37
	6025	15	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-7.82	3.10	-4.72	-1	-3.72
	6025	15	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-8.38	3.10	-5.28	-1	-4.28
	6025	15	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-8.31	3.10	-5.21	-1	-4.21
	6185	47	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-11.34	2.90	-8.44	-1	-7.44
	6185	47	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-10.01	2.90	-7.11	-1	-6.11
	6185	47	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-9.84	2.90	-6.94	-1	-5.94
	6345	79	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-9.60	4.50	-5.10	-1	-4.10
	6345	79	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-11.15	4.50	-6.65	-1	-5.65
	6345	79	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-11.07	4.50	-6.57	-1	-5.57
Band 6	6435	97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.19	4.30	-4.89	-1	-3.89
	6435	97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.02	4.30	-5.72	-1	-4.72
	6435	97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-9.84	4.30	-5.54	-1	-4.54
	6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.35	4.30	-5.05	-1	-4.05
	6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.25	4.30	-5.95	-1	-4.95
	6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-9.88	4.30	-5.58	-1	-4.58
	6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.37	4.40	-4.97	-1	-3.97
	6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.84	4.40	-5.44	-1	-4.44
	6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.91	4.40	-4.51	-1	-3.51
	6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-7.79	4.30	-3.49	-1	-2.49
	6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.61	4.30	-3.31	-1	-2.31
	6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.39	4.30	-4.09	-1	-3.09
	6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.47	4.30	-4.17	-1	-3.17
	6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.90	4.30	-3.60	-1	-2.60
	6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.90	4.30	-4.60	-1	-3.60
	6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.78	4.40	-4.38	-1	-3.38
	6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.82	4.40	-3.42	-1	-2.42
	6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-7.65	4.40	-3.25	-1	-2.25
	6465	103	ax (80Mhz)	26	0	12.5/14.7 (MCS11)	-9.28	4.30	-4.98	-1	-3.98
	6465	103	ax (80Mhz)	26	18	12.5/14.7 (MCS11)	-10.24	4.30	-5.94	-1	-4.94
	6465	103	ax (80Mhz)	26	36	12.5/14.7 (MCS11)	-9.53	4.30	-5.23	-1	-4.23
	6505	111	ax (160Mhz)	26	0	12.5/14.7 (MCS11)	-10.94	4.40	-6.54	-1	-5.54
	6505	111	ax (160Mhz)	26	18	12.5/14.7 (MCS11)	-9.34	4.40	-4.94	-1	-3.94
	6505	111	ax (160Mhz)	26	36	12.5/14.7 (MCS11)	-9.66	4.40	-5.26	-1	-4.26
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.11	4.40	-4.71	-1	-3.71
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.29	4.40	-4.89	-1	-3.89
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.43	4.40	-4.03	-1	-3.03
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.12	4.20	-3.92	-1	-2.92
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.20	4.20	-4.00	-1	-3.00
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.05	4.20	-3.85	-1	-2.85
	6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.38	2.10	-4.28	-1	-3.28
	6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.97	2.10	-4.87	-1	-3.87
	6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.59	2.10	-4.49	-1	-3.49
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-9.92	4.40	-5.52	-1	-4.52
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-8.84	4.40	-4.44	-1	-3.44
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-9.67	4.40	-5.27	-1	-4.27
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.18	3.40	-4.78	-1	-3.78
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-8.04	3.40	-4.64	-1	-3.64
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.92	3.40	-5.52	-1	-4.52
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-7.35	2.10	-5.25	-1	-4.25
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.95	2.10	-4.85	-1	-3.85
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.81	2.10	-6.71	-1	-5.71
	6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-8.31	4.40	-3.91	-1	-2.91
	6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-9.37	4.40	-4.97	-1	-3.97
	6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-8.17	4.40	-3.77	-1	-2.77
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-7.25	4.20	-3.05	-1	-2.05
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.51	4.20	-4.31	-1	-3.31
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-8.24	4.20	-4.04	-1	-3.04
	6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.68	2.10	-3.58	-1	-2.58
	6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.43	2.10	-4.33	-1	-3.33
	6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-7.61	2.10	-5.51	-1	-4.51
	6665	143	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-11.09	4.20	-6.89	-1	-5.89
	6665	143	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-10.56	4.20	-6.36	-1	-5.36
	6665	143	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-10.26	4.20	-6.06	-1	-5.06
	6825	175	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-7.64	2.10	-5.54	-1	-4.54
	6825	175	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-9.04	2.10	-6.94	-1	-5.94
	6825	175	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-9.75	2.10	-7.65	-1	-6.65
Band 8	6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-3.65	2.10	-1.55	-1	-0.55
	6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-4.33	2.10	-2.23	-1	-1.23
	6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-3.65	2.10	-1.55	-1	-0.55
	6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-4.13	1.00	-3.13	-1	-2.13
	6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-5.00	1.00	-4.00	-1	-3.00
	6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-4.14	1.00	-3.14	-1	-2.14
	6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.59	2.10	-4.49	-1	-3.49
	6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.43	2.10	-4.33	-1	-3.33
	6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-7.69	2.10	-5.59	-1	-4.59
	7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-4.77	1.00	-3.77	-1	-2.77
	7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-4.02	1.00	-3.02	-1	-2.02
	7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-5.49	1.00	-4.49	-1	-3.49
	7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-3.75	0.50	-3.25	-1	-2.25
	7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-4.10	0.50	-3.60	-1	-2.60
	7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-5.40	0.50	-4.90	-1	-3.90
	6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-2.53	1.00	-1.53	-1	-0.53
	6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-5.15	1.00	-4.15	-1	-3.15
	6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.14	1.00	-4.14	-1	-3.14
	7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-3.88	0.20	-3.68	-1	-2.68
	7025	215	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-4.02	0.20	-3.82	-1	-2.82
	7025	215	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.44	0.20	-5.24	-1	-4.24
	6985	207	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-3.60	1.00	-2.60	-1	-1.60
	6985	207	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-4.55	1.00	-3.55	-1	-2.55
	6985	207	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-8.77	1.00	-7.77	-1	-6.77

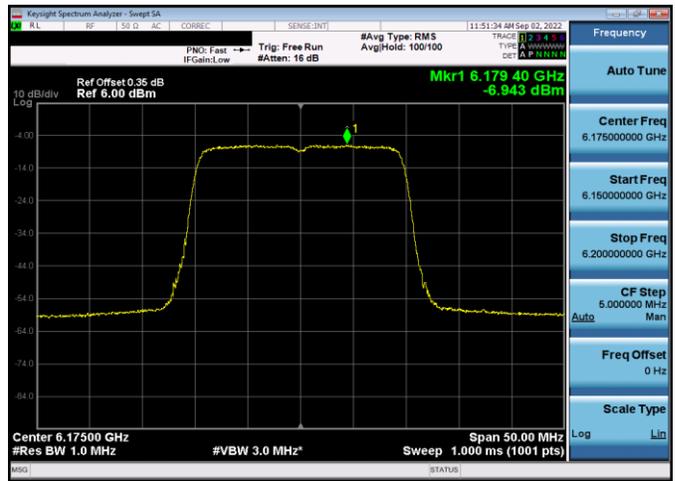**Table 7-44. Power Spectral Density Measurements Antenna WF5b (RU26)**

	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	243.8/286.8 (MCS11)	-5.98	2.20	-3.78	-1	-2.78
	6175	45	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-6.94	2.90	-4.04	-1	-3.04
	6415	93	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-7.78	4.30	-3.48	-1	-2.48
	5965	3	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.22	2.20	-5.02	-1	-4.02
	6165	43	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-6.31	2.90	-3.41	-1	-2.41
	6405	91	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-6.76	4.50	-2.26	-1	-1.26
	5985	7	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-5.73	2.20	-3.53	-1	-2.53
	6145	39	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-7.91	2.90	-5.01	-1	-4.01
	6385	87	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-7.09	4.50	-2.59	-1	-1.59
	6025	15	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-5.62	3.10	-2.52	-1	-1.52
	6185	47	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-6.74	2.90	-3.84	-1	-2.84
	6345	79	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-6.95	4.50	-2.45	-1	-1.45
Band 6	6435	97	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-8.02	4.30	-3.72	-1	-2.72
	6475	105	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-8.45	4.30	-4.15	-1	-3.15
	6515	113	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-8.35	4.40	-3.95	-1	-2.95
	6445	99	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.14	4.30	-2.84	-1	-1.84
	6485	107	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.22	4.30	-2.92	-1	-1.92
	6525	115	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-6.94	4.40	-2.54	-1	-1.54
	6465	103	ax (80Mhz)	996	67	1020.8/1201 (MCS11)	-7.14	4.30	-2.84	-1	-1.84
	6505	111	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-6.94	4.40	-2.54	-1	-1.54
Band 7	6535	117	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-8.24	4.40	-3.84	-1	-2.84
	6695	149	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-7.51	4.20	-3.31	-1	-2.31
	6875	185	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-7.93	2.10	-5.83	-1	-4.83
	6565	123	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.22	4.40	-2.82	-1	-1.82
	6725	155	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-6.69	3.40	-3.29	-1	-2.29
	6845	179	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-6.66	2.10	-4.56	-1	-3.56
	6545	119	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-6.95	4.40	-2.55	-1	-1.55
	6705	151	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-6.69	4.20	-2.49	-1	-1.49
	6865	183	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-6.48	2.10	-4.38	-1	-3.38
	6665	143	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-6.96	4.20	-2.76	-1	-1.76
	6825	175	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-7.47	2.10	-5.37	-1	-4.37
Band 8	6895	189	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-4.28	2.10	-2.18	-1	-1.18
	6995	209	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-4.89	1.00	-3.89	-1	-2.89
	6885	187	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-6.69	2.10	-4.59	-1	-3.59
	7005	211	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-4.40	1.00	-3.40	-1	-2.40
	7085	227	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-4.94	0.50	-4.44	-1	-3.44
	6945	199	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-2.96	1.00	-1.96	-1	-0.96
	7025	215	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-3.46	0.20	-3.26	-1	-2.26
	6985	207	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-4.12	1.00	-3.12	-1	-2.12

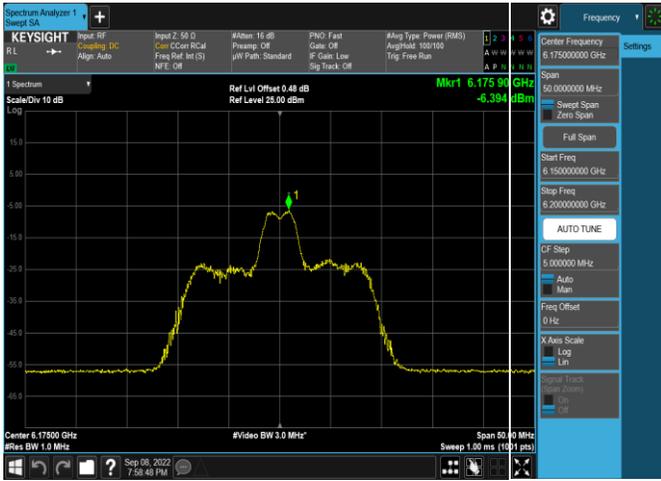**Table 7-45. Power Spectral Density Measurements Antenna WF5b (Fully loaded RU)**

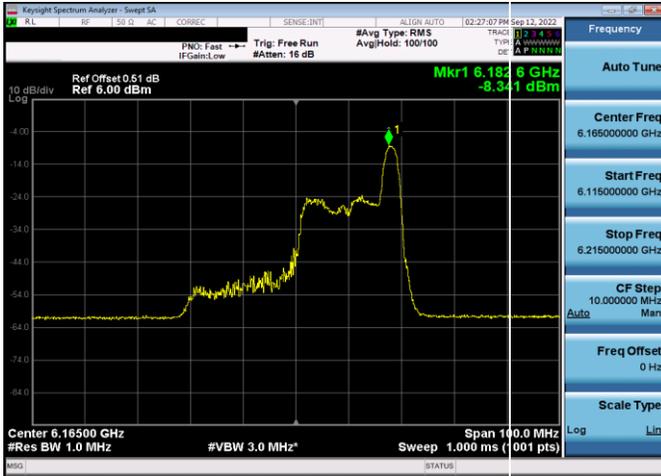| FCC ID: BCGA2436 IC: 579C-A2436		**MEASUREMENT REPORT (CERTIFICATION)**	Approved by: Technical Manager
Test Report S/N: 1C2205090027-12-R1.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 78 of 323

Plot 7-193. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

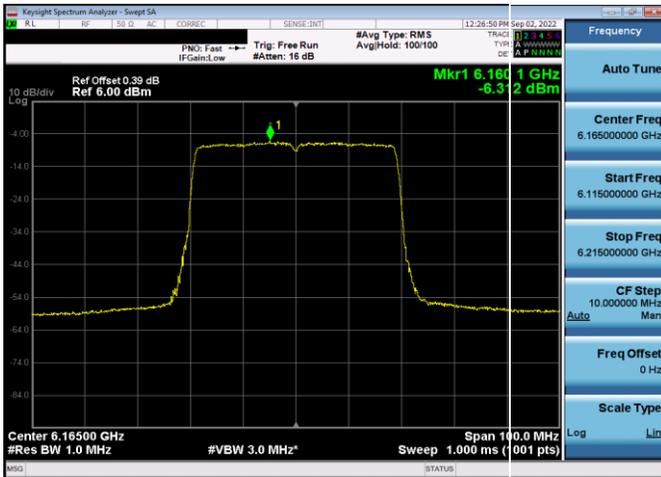**Plot 7-196. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)**

Plot 7-194. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)
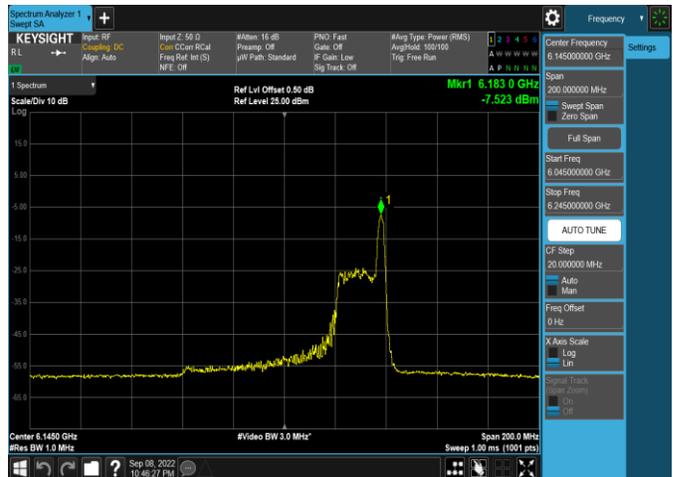

Plot 7-197. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

Plot 7-195. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

Plot 7-198. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

Plot 7-199. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)
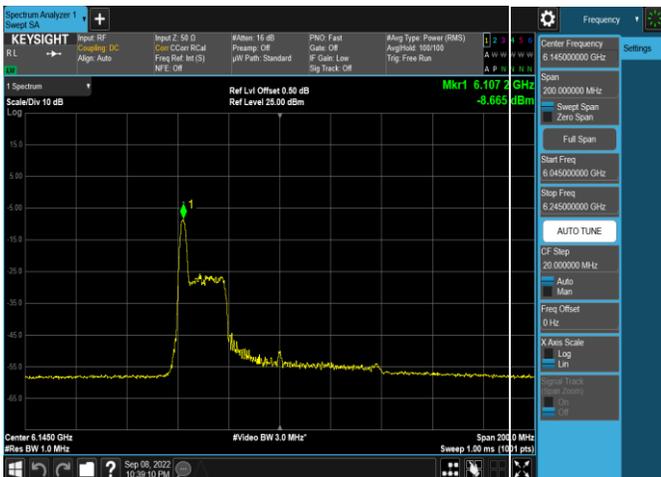

Plot 7-202. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)
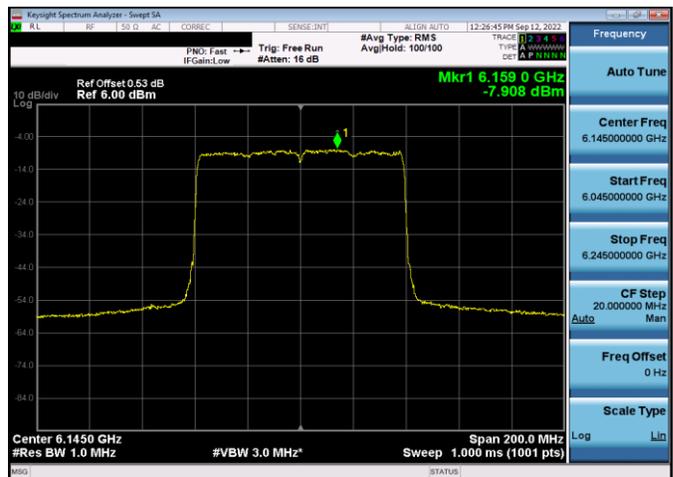

Plot 7-200. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)

Plot 7-203. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)
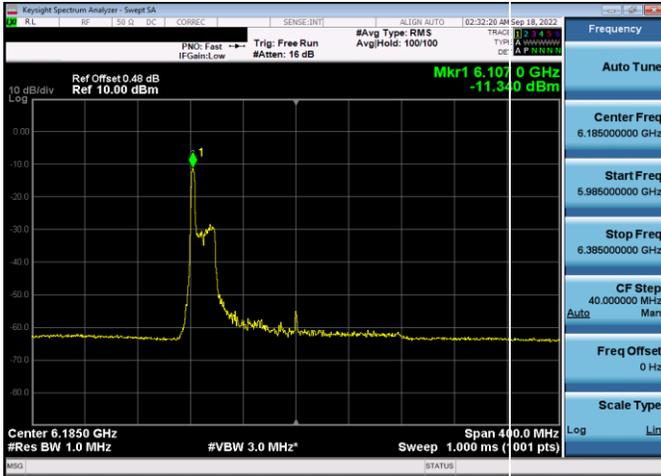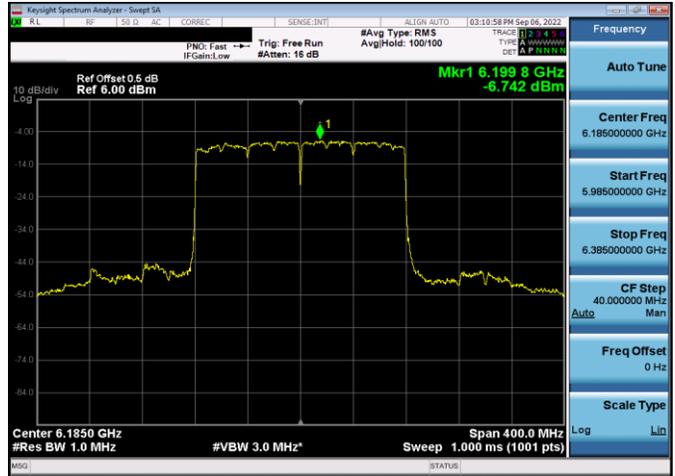

Plot 7-201. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

Plot 7-204. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)
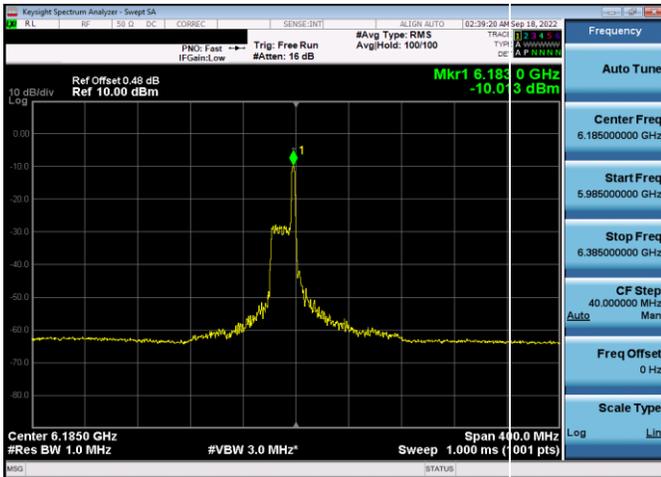
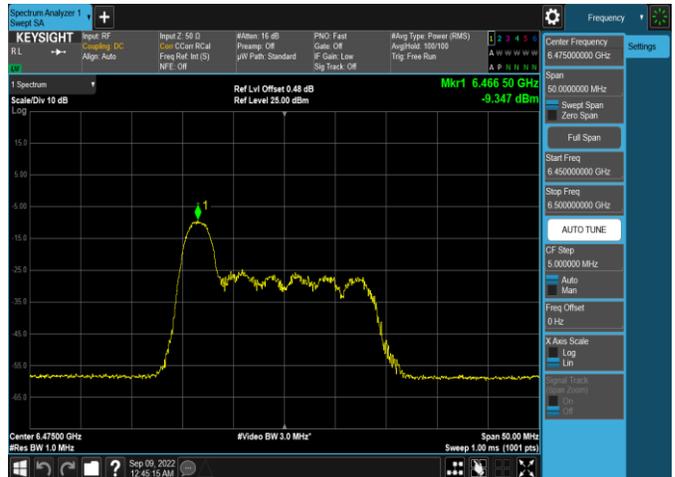| **FCC ID:** BCGA2436 **IC:** 579C-A2436	element	**MEASUREMENT REPORT** **(CERTIFICATION)**	**Approved by:** Technical Manager
Test Report S/N: 1C2205090027-12-R1.BCG	**Test Dates:** 5/30/2022 - 9/16/2022	**EUT Type:** Tablet Device	Page 80 of 323

Plot 7-205. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

Plot 7-208. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU484 (UNII Band 5) – Ch. 47)

Plot 7-206. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

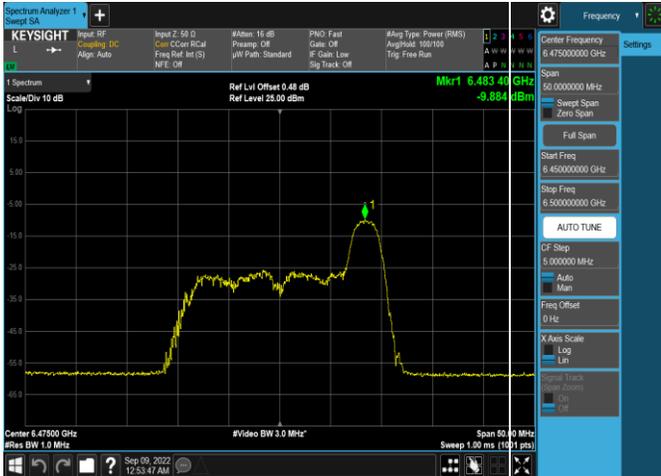**Plot 7-209. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)**
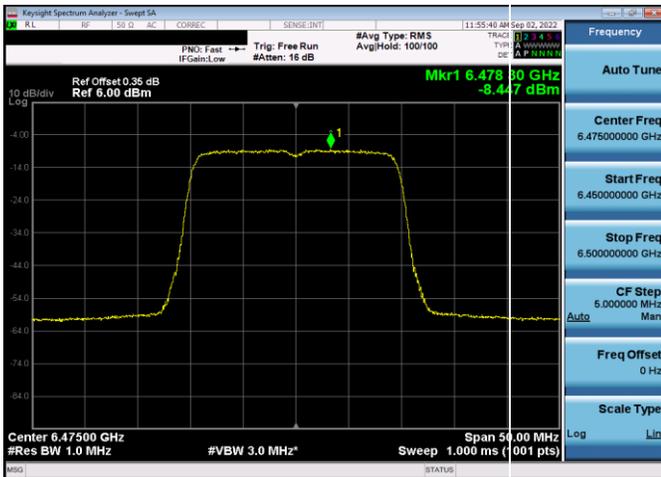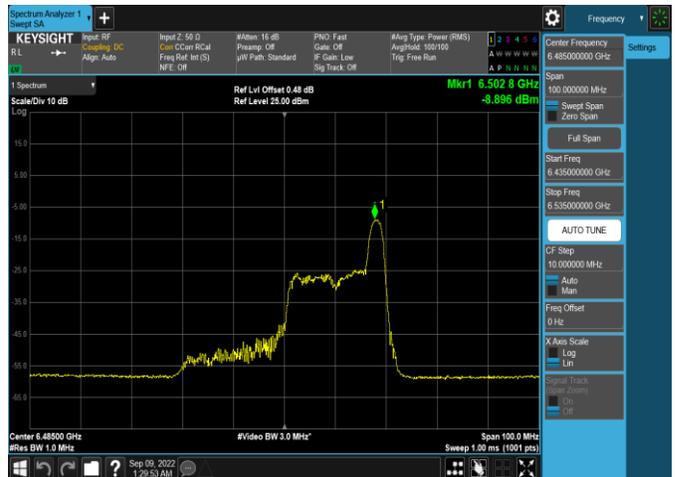

Plot 7-207. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

Plot 7-210. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

Plot 7-211. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)
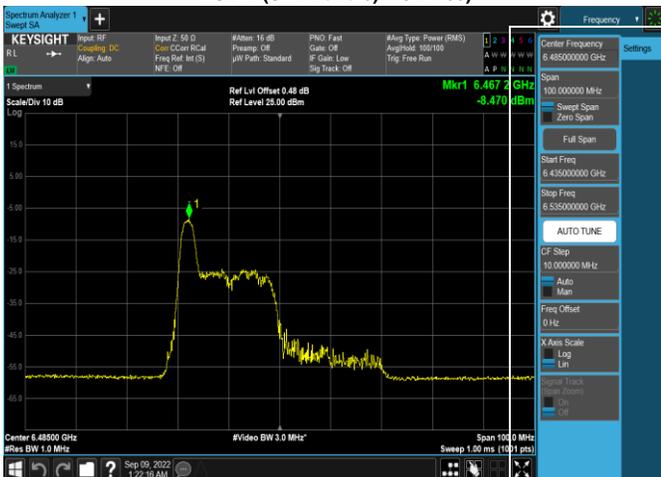

Plot 7-214. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)
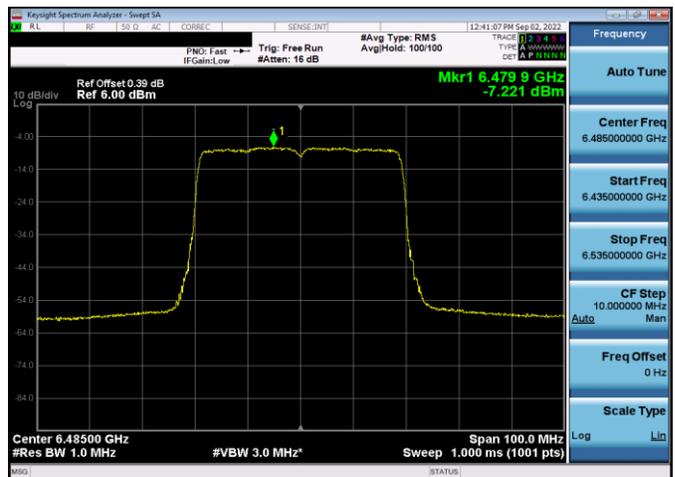

Plot 7-212. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 105)

Plot 7-215. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)
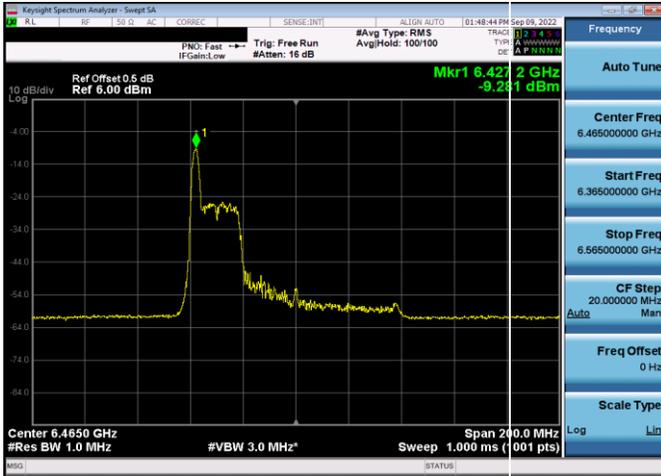

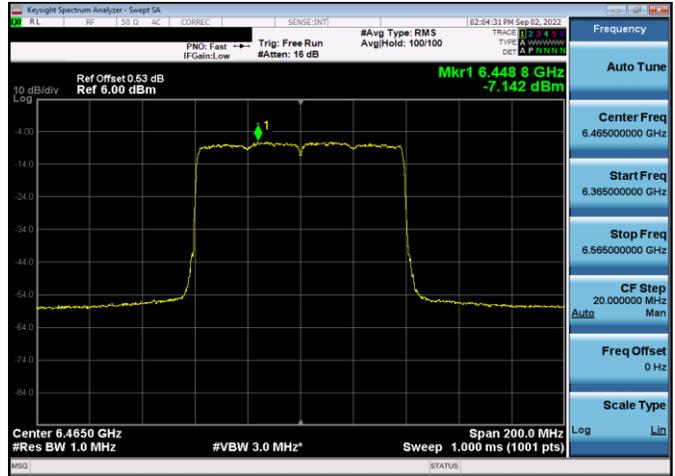**Plot 7-213. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)**

Plot 7-216. Power Spectral Density Plot Antenna WF5b (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 107)
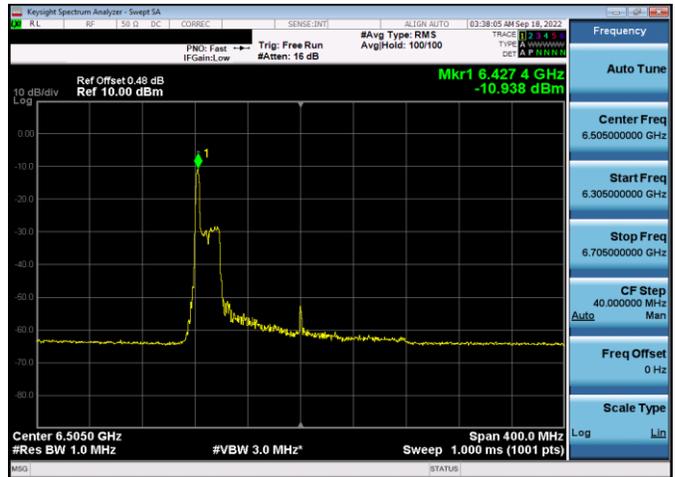
Plot 7-217. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)
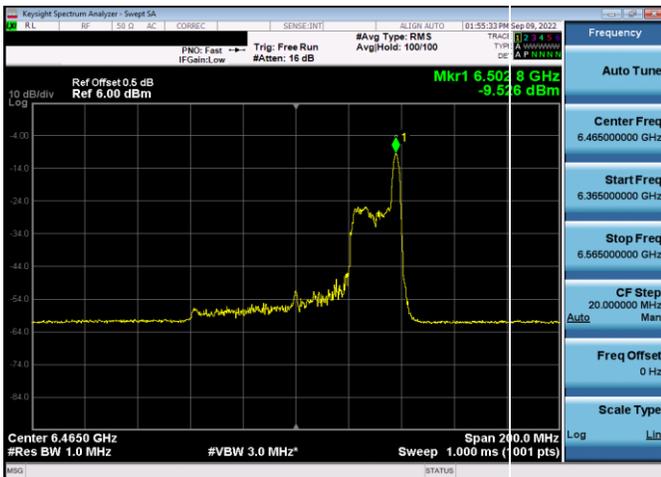

Plot 7-220. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)
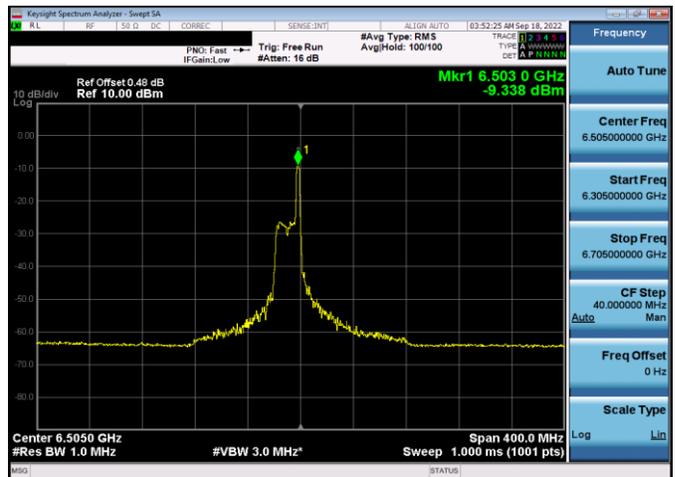

Plot 7-218. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

Plot 7-221. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)
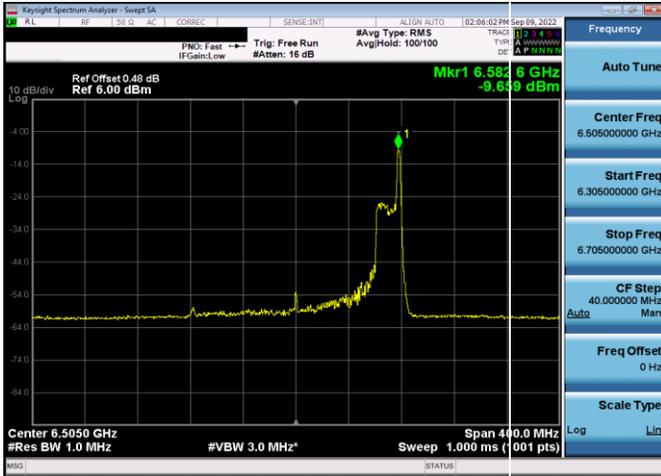

Plot 7-219. Power Spectral Density Plot Antenna WF5b (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

Plot 7-222. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

Plot 7-223. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

Plot 7-226. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)
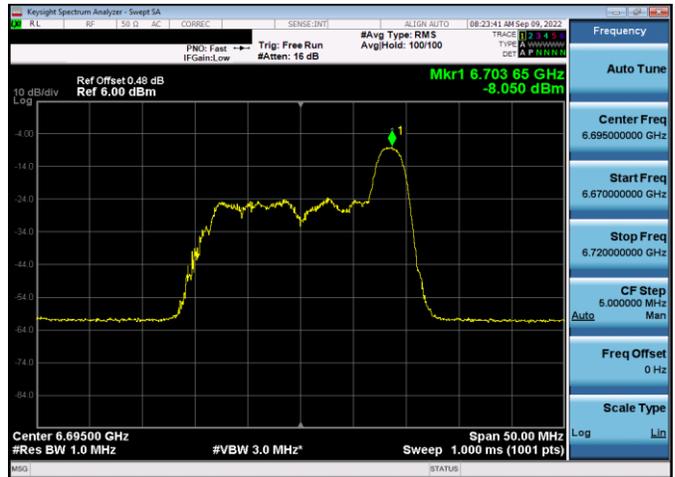

Plot 7-224. Power Spectral Density Plot Antenna WF5b (160MHz 802.11ax RU484 (UNII Band 6) – Ch. 111)
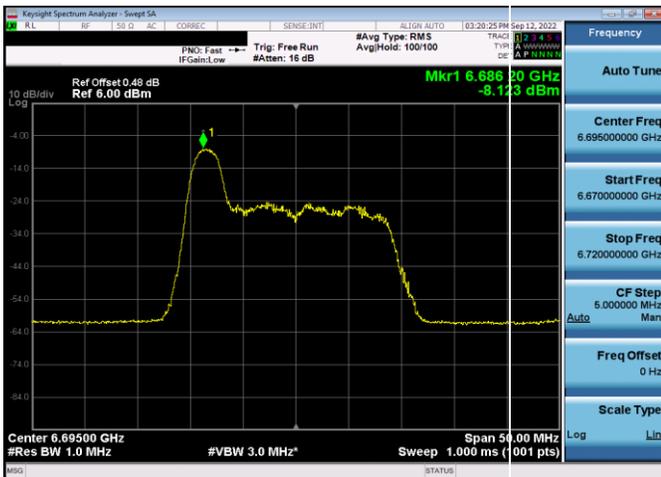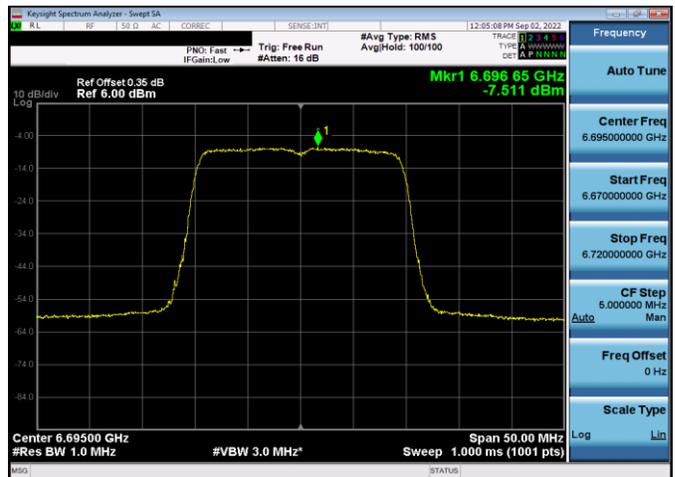

Plot 7-227. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

Plot 7-225. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

Plot 7-228. Power Spectral Density Plot Antenna WF5b (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

FCC ID: BCGA2436 **IC:** 579C-A2436	element	**MEASUREMENT REPORT (CERTIFICATION)**	**Approved by:** Technical Manager
Test Report S/N: 1C2205090027-12-R1.BCG	**Test Dates:** 5/30/2022 - 9/16/2022	**EUT Type:** Tablet Device	Page 84 of 323