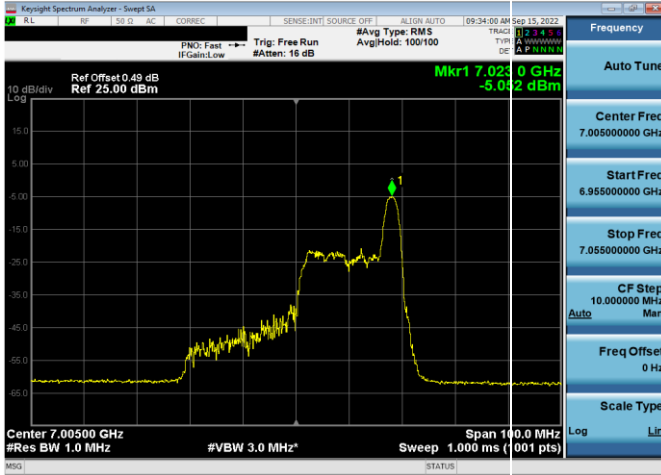
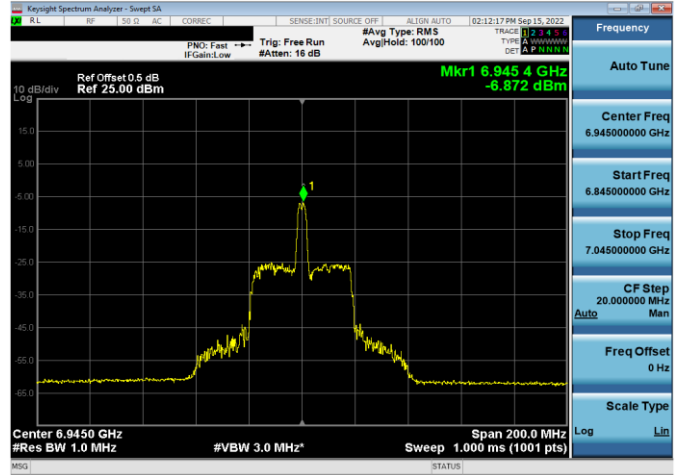
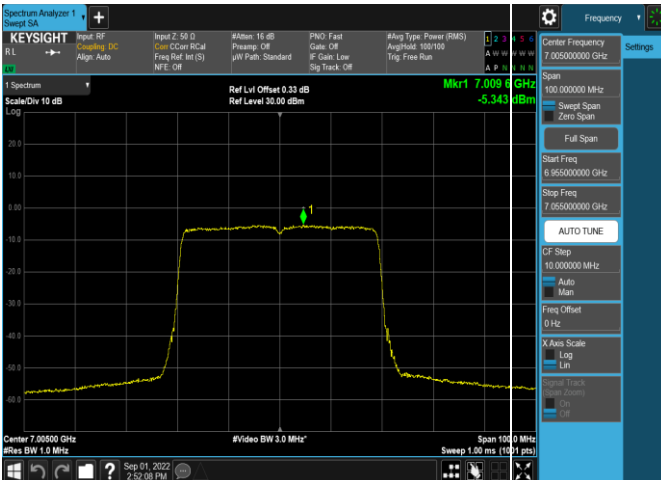




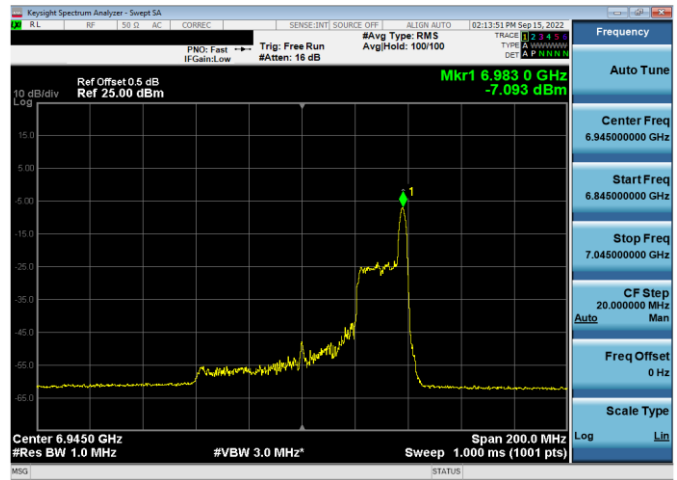
Plot 7-183. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



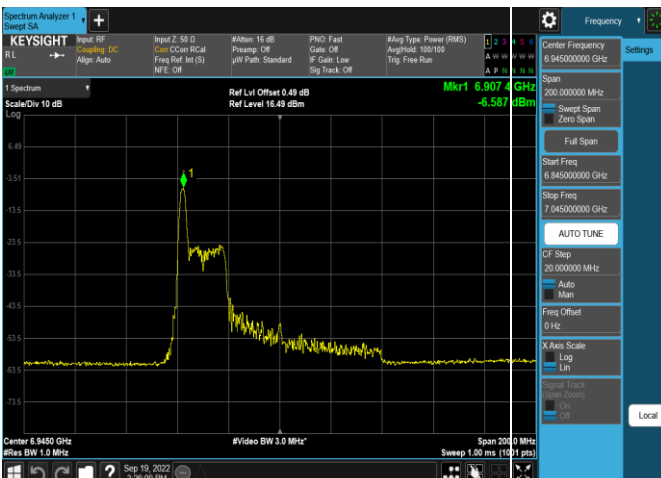
Plot 7-186. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



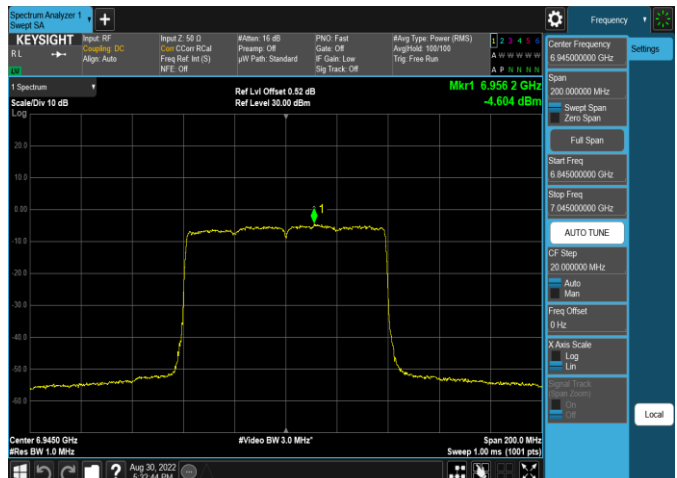
Plot 7-184. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)



Plot 7-187. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

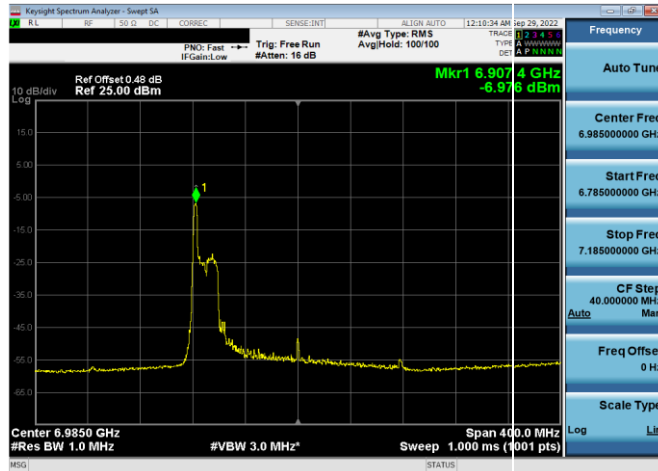


Plot 7-185. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

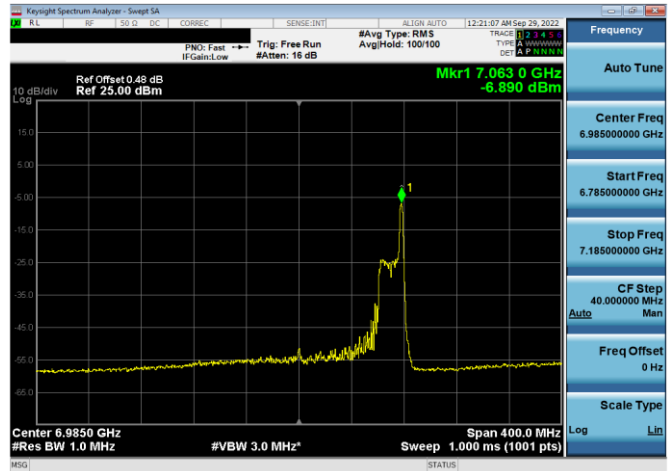


Plot 7-188. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

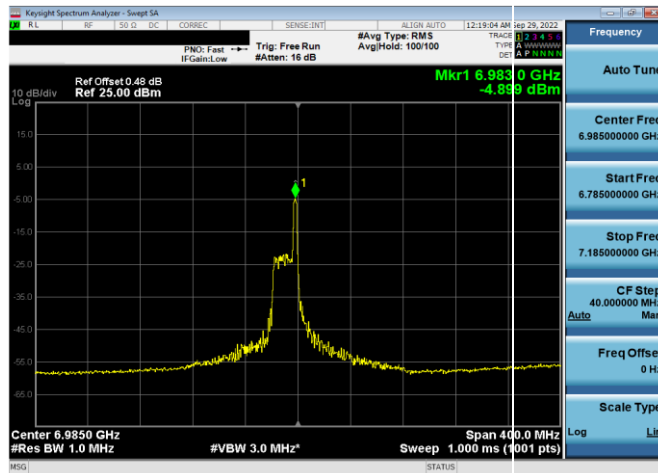
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 75 of 324



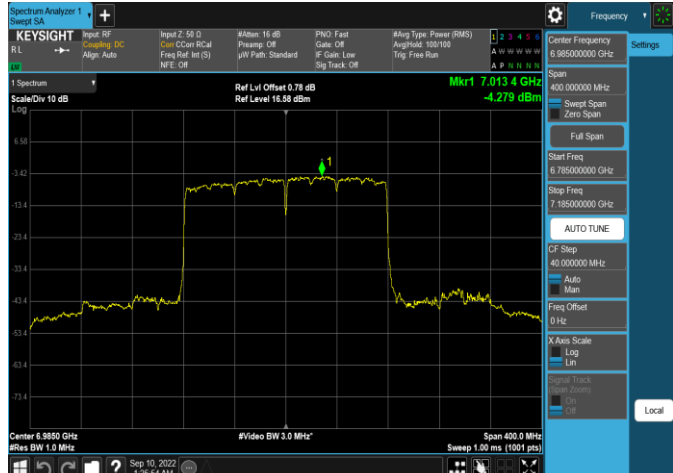
Plot 7-189. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-191. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-190. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-192. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG			Page 76 of 324
Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device		

7.4.2 Antenna 4a Power Spectral Density Measurements

	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)	-8.16	0.10	-8.06	-1	-7.06
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.64	0.10	-8.54	-1	-7.54
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.18	0.10	-8.08	-1	-7.08
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.44	1.30	-7.14	-1	-6.14
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-9.17	1.30	-7.87	-1	-6.87
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.42	1.30	-7.12	-1	-6.12
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-10.24	1.80	-8.44	-1	-7.44
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.59	1.80	-8.79	-1	-7.79
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-10.18	1.80	-8.38	-1	-7.38
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-9.04	0.10	-8.94	-1	-7.94
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-8.32	0.10	-8.22	-1	-7.22
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-8.00	0.10	-7.90	-1	-6.90
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-10.59	1.30	-9.29	-1	-8.29
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.35	1.30	-8.05	-1	-7.05
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-10.22	1.30	-8.92	-1	-7.92
	6405	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-10.15	1.40	-8.75	-1	-7.75
	6405	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.54	1.40	-8.14	-1	-7.14
	6405	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-10.35	1.40	-8.95	-1	-7.95
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-10.80	0.10	-10.70	-1	-9.70
	Band 6	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-10.85	0.10	-10.75	-1
5985		7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-10.73	0.10	-10.63	-1	-9.63
6145		39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-10.92	1.30	-9.62	-1	-8.62
6145		39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-10.70	1.30	-9.40	-1	-8.40
6145		39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-9.56	1.30	-8.26	-1	-7.26
6385		87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-11.02	1.40	-9.62	-1	-8.62
6385		87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-11.31	1.40	-9.91	-1	-8.91
6385		87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-11.32	1.40	-9.92	-1	-8.92
6025		15	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-12.05	1.70	-10.35	-1	-9.35
6025		15	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-12.10	1.70	-10.40	-1	-9.40
6025		15	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-10.39	1.70	-8.69	-1	-7.69
6185		47	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-10.10	1.30	-8.80	-1	-7.80
6185		47	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-8.55	1.30	-7.25	-1	-6.25
6185		47	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-9.27	1.30	-7.97	-1	-6.97
6345		79	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-11.36	1.40	-9.96	-1	-8.96
6345		79	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-11.69	1.40	-10.29	-1	-9.29
6345		79	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-10.38	1.40	-8.98	-1	-7.98
6435		97	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-10.29	1.80	-8.49	-1	-7.49
6435		97	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.67	1.80	-8.87	-1	-7.87
6435		97	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-10.04	1.80	-8.24	-1	-7.24
6475	105	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-10.69	1.80	-8.89	-1	-7.89	
6475	105	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.56	1.80	-8.76	-1	-7.76	
6475	105	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-10.14	1.80	-8.34	-1	-7.34	
6515	113	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-10.22	1.10	-9.12	-1	-8.12	
6515	113	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-10.33	1.10	-9.23	-1	-8.23	
6515	113	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-10.09	1.10	-8.99	-1	-7.99	
6445	99	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-10.51	1.80	-8.71	-1	-7.71	
6445	99	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-10.27	1.80	-8.47	-1	-7.47	
6445	99	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-10.41	1.80	-8.61	-1	-7.61	
6485	107	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-10.36	1.80	-8.56	-1	-7.56	
6485	107	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.35	1.80	-7.55	-1	-6.55	
6485	107	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-10.03	1.80	-8.23	-1	-7.23	
6525	115	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-10.10	1.10	-9.00	-1	-8.00	
6525	115	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.39	1.10	-8.29	-1	-7.29	
6525	115	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-11.61	1.10	-10.51	-1	-9.51	
6465	103	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-11.37	1.80	-9.57	-1	-8.57	
6465	103	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-12.45	1.80	-10.65	-1	-9.65	
6465	103	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-12.73	1.80	-10.93	-1	-9.93	
6505	111	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-9.65	1.10	-8.55	-1	-7.55	
6505	111	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-8.94	1.10	-7.84	-1	-6.84	
6505	111	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-9.32	1.10	-8.22	-1	-7.22	
6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-9.07	1.10	-7.97	-1	-6.97	
6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.31	1.10	-7.21	-1	-6.21	
6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.65	1.10	-7.55	-1	-6.55	
6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.79	0.60	-8.19	-1	-7.19	
6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.64	0.60	-8.04	-1	-7.04	
6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-9.12	0.60	-8.52	-1	-7.52	
6875	185	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-8.11	-1.00	-9.11	-1	-8.11	
6875	185	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-8.66	-1.00	-9.66	-1	-8.66	
6875	185	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-8.68	-1.00	-9.68	-1	-8.68	
6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-11.45	1.10	-10.35	-1	-9.35	
6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-10.47	1.10	-9.37	-1	-8.37	
6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-11.46	1.10	-10.36	-1	-9.36	
6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-12.27	0.70	-11.57	-1	-10.57	
6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-11.48	0.70	-10.78	-1	-9.78	
6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-12.34	0.70	-11.64	-1	-10.64	
6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-8.83	-1.00	-9.83	-1	-8.83	
6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-8.81	-1.00	-9.81	-1	-8.81	
6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-9.90	-1.00	-10.90	-1	-9.90	
6545	119	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-9.79	1.10	-8.69	-1	-7.69	
6545	119	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-9.54	1.10	-8.44	-1	-7.44	
6545	119	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-9.50	1.10	-8.40	-1	-7.40	
6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-9.25	0.60	-8.65	-1	-7.65	
6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-9.92	0.60	-9.32	-1	-8.32	
6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-10.42	0.60	-9.82	-1	-8.82	
6865	183	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-7.11	-1.00	-8.11	-1	-7.11	
6865	183	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-8.15	-1.00	-9.15	-1	-8.15	
6865	183	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-8.27	-1.00	-9.27	-1	-8.27	
6665	143	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-8.64	0.60	-8.04	-1	-7.04	
6665	143	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-7.92	0.60	-7.32	-1	-6.32	
6665	143	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-10.68	0.60	-10.08	-1	-9.08	
6825	175	ax (160MHz)	26	0	12.5/14.7 (MCS11)	-8.37	-1.00	-7.37	-1	-6.37	
6825	175	ax (160MHz)	26	18	12.5/14.7 (MCS11)	-7.74	-1.00	-6.74	-1	-5.74	
6825	175	ax (160MHz)	26	36	12.5/14.7 (MCS11)	-7.35	-1.00	-6.35	-1	-5.35	
6895	189	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-5.87	-1.00	-6.87	-1	-5.87	
6895	189	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.59	-1.00	-7.59	-1	-6.59	
6895	189	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.63	-1.00	-7.63	-1	-6.63	
6995	209	ax (20MHz)	26	0	12.5/14.7 (MCS11)	-6.42	-2.00	-8.42	-1	-7.42	
6995	209	ax (20MHz)	26	4	12.5/14.7 (MCS11)	-6.47	-2.00	-8.47	-1	-7.47	
6995	209	ax (20MHz)	26	8	12.5/14.7 (MCS11)	-6.17	-2.00	-8.17	-1	-7.17	
6885	187	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-7.93	-1.00	-8.93	-1	-7.93	
6885	187	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-7.91	-1.00	-8.91	-1	-7.91	
6885	187	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-9.13	-1.00	-10.13	-1	-9.13	
7005	211	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-6.04	-2.00	-8.04	-1	-7.04	
7005	211	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-9.72	-2.00	-11.72	-1	-10.72	
7005	211	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.27	-2.00	-8.27	-1	-7.27	
7085	227	ax (40MHz)	26	0	12.5/14.7 (MCS11)	-5.81	-3.00	-8.81	-1	-7.81	
7085	227	ax (40MHz)	26	8	12.5/14.7 (MCS11)	-6.32	-3.00	-9.32	-1	-8.32	
7085	227	ax (40MHz)	26	17	12.5/14.7 (MCS11)	-6.60	-3.00	-9.60	-1	-8.60	
6945	199	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.69	-2.00	-7.69	-1	-6.69	
6945	199	ax (80MHz)	26	18	12.5/14.7 (MCS11)	-6.21	-2.00	-8.21	-1	-7.21	
6945	199	ax (80MHz)	26	36	12.5/14.7 (MCS11)	-5.85	-2.00	-7.85	-1	-6.85	
7025	215	ax (80MHz)	26	0	12.5/14.7 (MCS11)	-5.99	-3.30	-8.29	-1	-6.29	
7025											

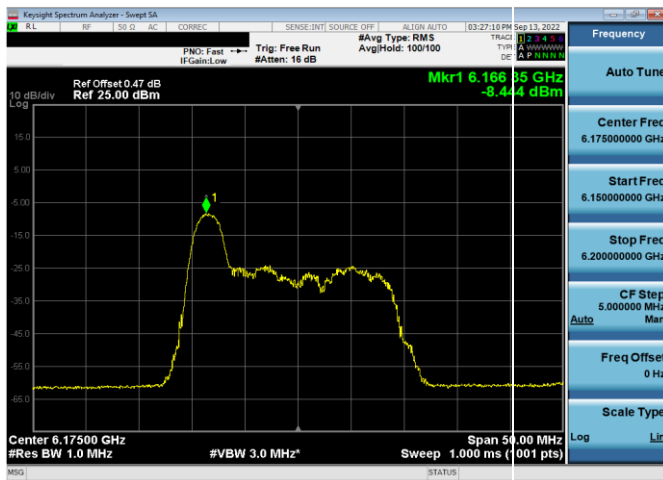
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-8.21	0.10	-8.11	-1	-7.11
	6175	45	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-7.93	1.30	-6.63	-1	-5.63
	6415	93	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-10.69	1.80	-8.89	-1	-7.89
	5965	3	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.84	0.10	-7.74	-1	-6.74
	6165	43	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.91	1.30	-6.61	-1	-5.61
	6405	91	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-8.41	1.40	-7.01	-1	-6.01
	5985	7	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-7.91	0.10	-7.81	-1	-6.81
	6145	39	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-8.18	1.30	-6.88	-1	-5.88
	6385	87	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-9.26	1.40	-7.86	-1	-6.86
	6025	15	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-8.09	1.70	-6.39	-1	-5.39
Band 6	6185	47	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-8.12	1.30	-6.82	-1	-5.82
	6345	79	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-7.62	1.40	-6.22	-1	-5.22
	6435	97	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-9.09	1.80	-7.29	-1	-6.29
	6475	105	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-9.08	1.80	-7.28	-1	-6.28
	6515	113	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-9.05	1.10	-7.95	-1	-6.95
	6445	99	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-8.12	1.80	-6.32	-1	-5.32
	6485	107	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-8.11	1.80	-6.31	-1	-5.31
	6525	115	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.88	1.10	-6.78	-1	-5.78
	6465	103	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-8.28	1.80	-6.48	-1	-5.48
	6505	111	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-7.35	1.10	-6.25	-1	-5.25
Band 7	6535	117	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-8.06	1.10	-6.96	-1	-5.96
	6695	149	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-7.84	0.60	-7.24	-1	-6.24
	6875	185	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-7.56	-1.00	-8.56	-1	-7.56
	6565	123	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.44	1.10	-6.34	-1	-5.34
	6725	155	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.32	0.70	-6.62	-1	-5.62
	6845	179	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.33	-1.00	-8.33	-1	-7.33
	6545	119	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-8.08	1.10	-6.98	-1	-5.98
	6705	151	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-6.98	0.60	-6.38	-1	-5.38
	6865	183	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-7.13	-1.00	-8.13	-1	-7.13
	6665	143	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-7.26	0.60	-6.66	-1	-5.66
Band 8	6825	175	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-6.16	-1.00	-7.16	-1	-6.16
	6895	189	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-5.78	-1.00	-6.78	-1	-5.78
	6995	209	ax (20MHz)	242	61	243.8/286.8 (MCS11)	-5.76	-2.00	-7.76	-1	-6.76
	6885	187	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-7.22	-1.00	-8.22	-1	-7.22
	7005	211	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-5.42	-2.00	-7.42	-1	-6.42
	7085	227	ax (40MHz)	484	65	487.5/573.5 (MCS11)	-5.23	-3.00	-8.23	-1	-7.23
	6945	199	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-4.81	-2.00	-6.81	-1	-5.81
	7025	215	ax (80MHz)	996	67	1020.8/1201 (MCS11)	-4.68	-3.30	-7.98	-1	-6.98
	6985	207	ax (160MHz)	996	68	2041.6/2402 (MCS11)	-5.34	-2.00	-7.34	-1	-6.34

Table 7-45. Power Spectral Density Measurements Antenna 4a (Fully loaded RU)

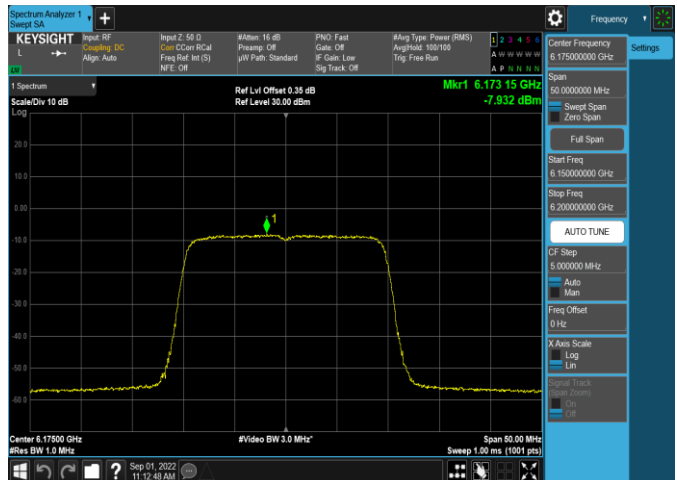
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 78 of 324

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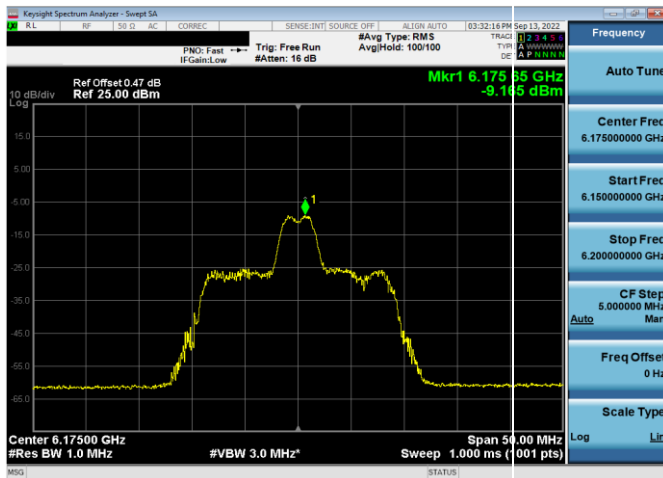
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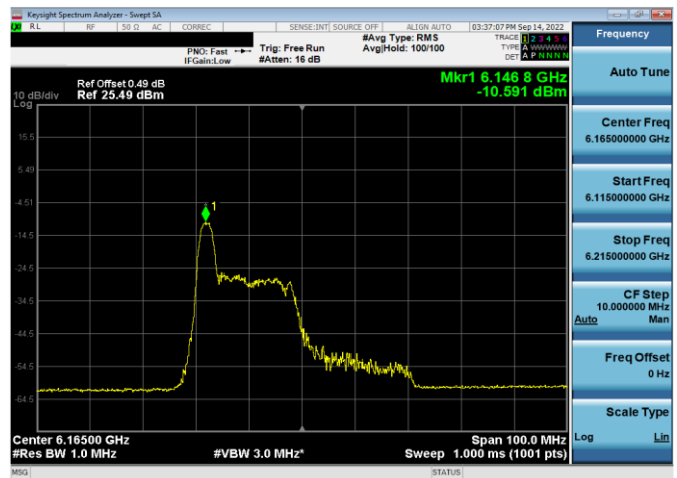
Plot 7-193. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



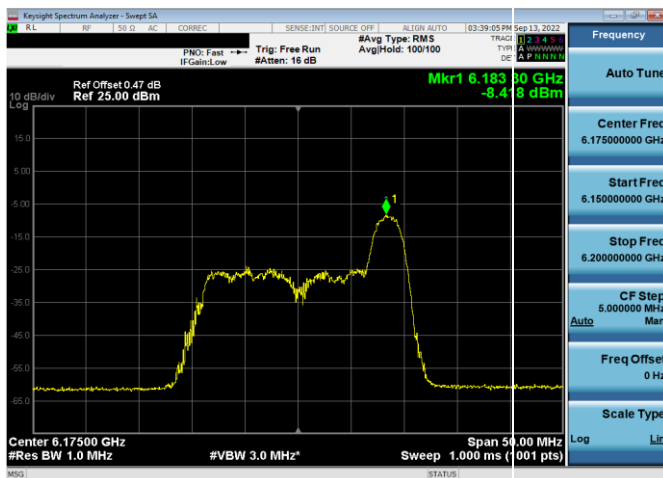
Plot 7-196. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



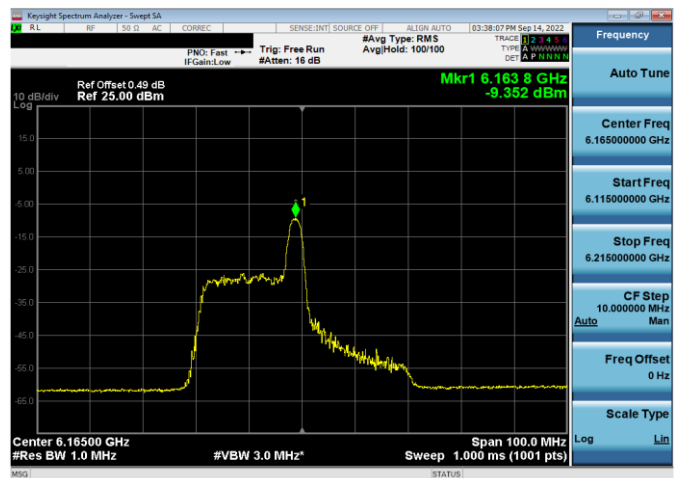
Plot 7-194. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-197. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

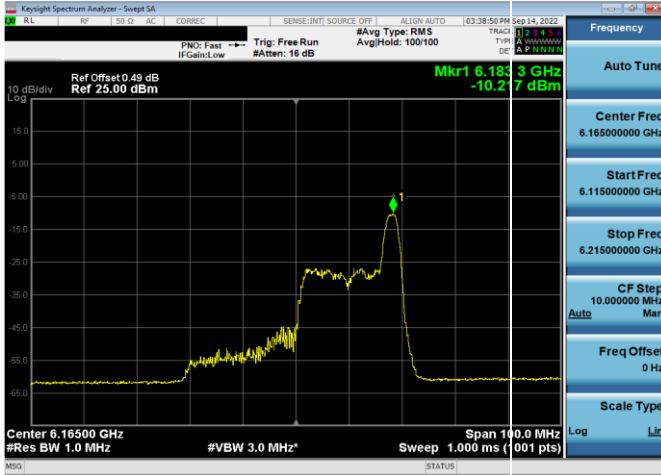


Plot 7-195. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

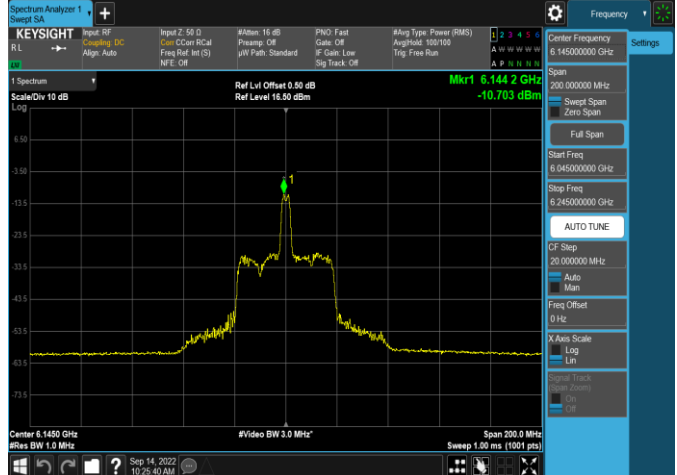


Plot 7-198. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

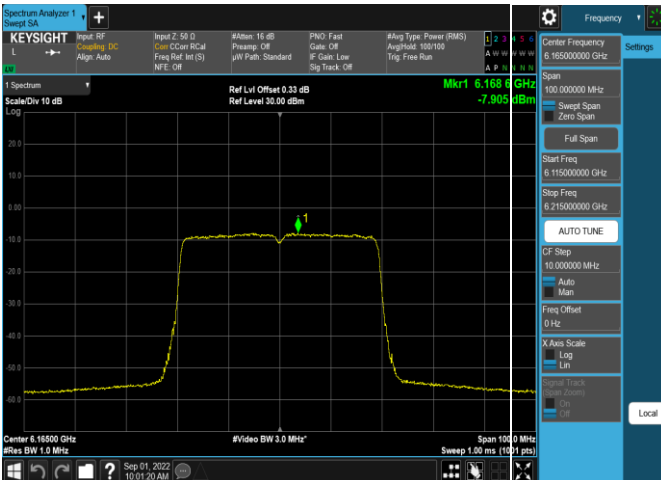
FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 79 of 324



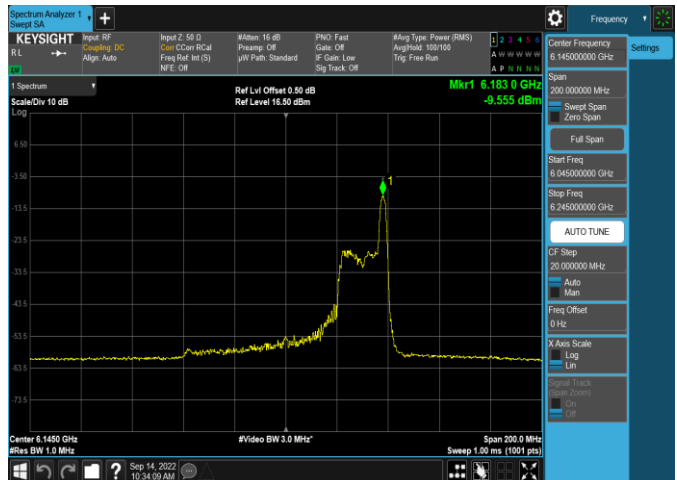
Plot 7-199. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



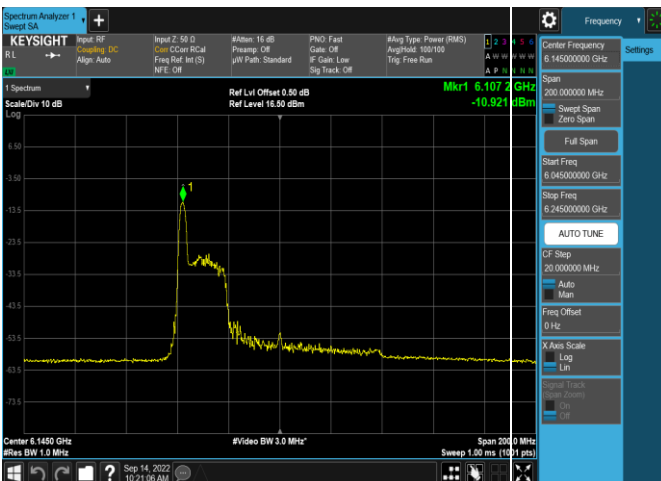
Plot 7-202. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



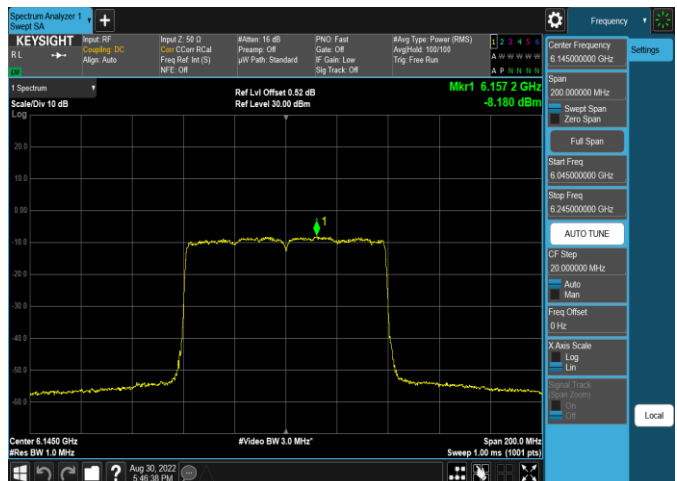
Plot 7-200. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-203. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

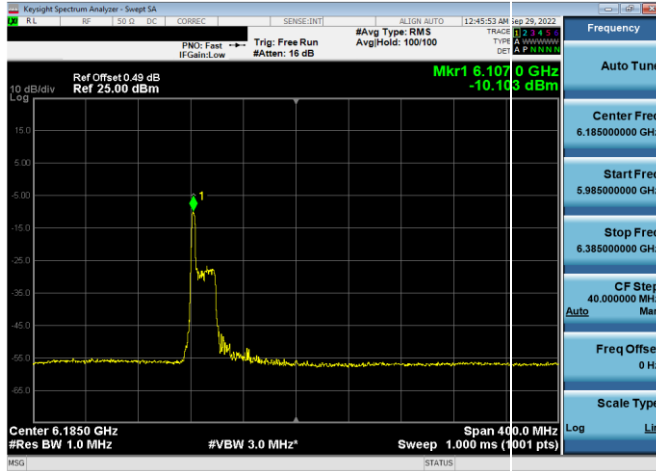


Plot 7-201. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

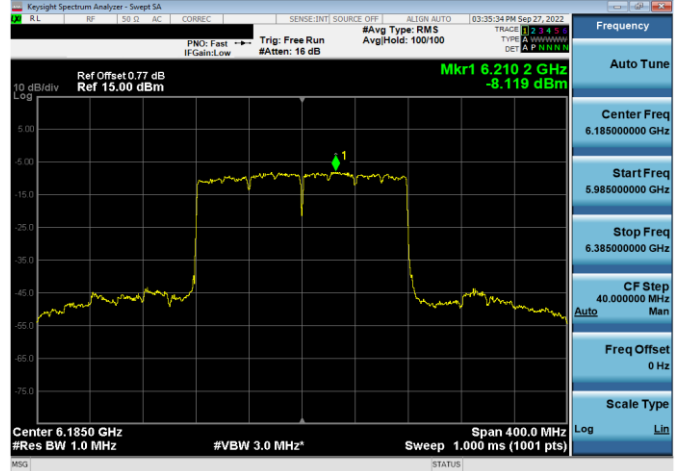


Plot 7-204. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

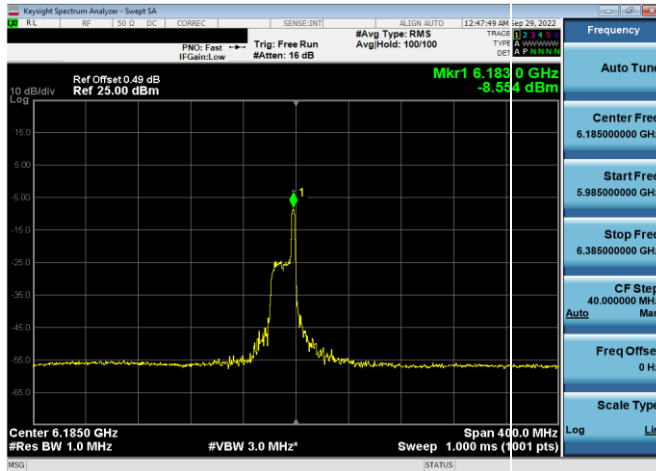
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG		Page 80 of 324



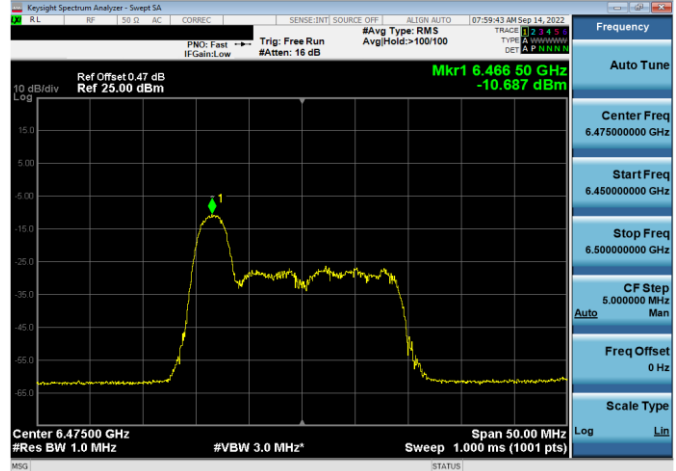
Plot 7-205. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



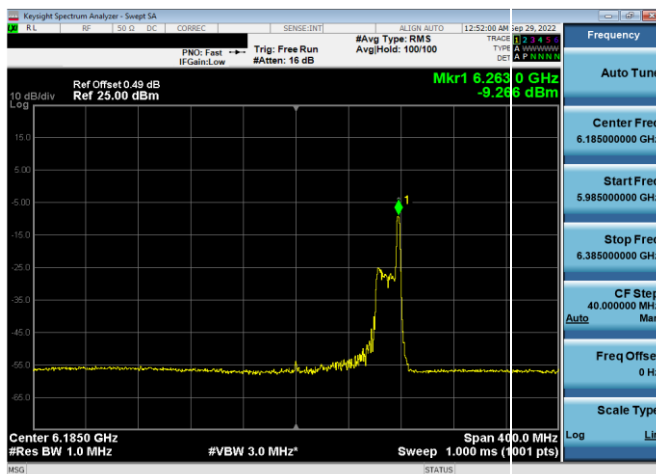
Plot 7-208. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



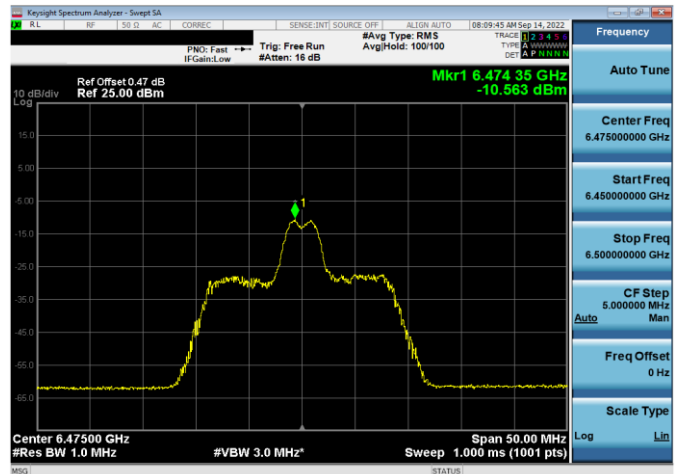
Plot 7-206. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-209. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

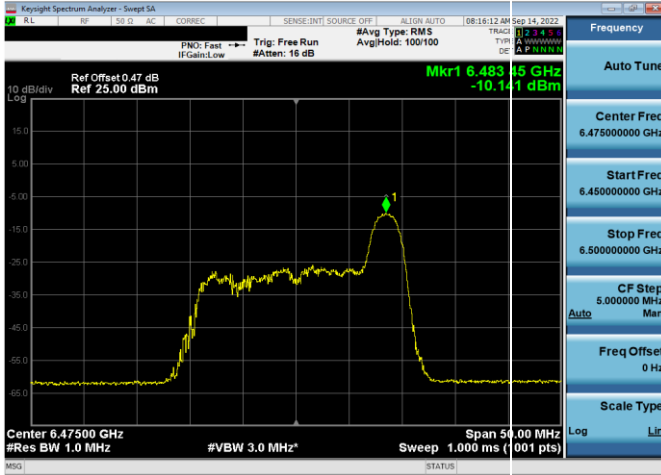


Plot 7-207. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

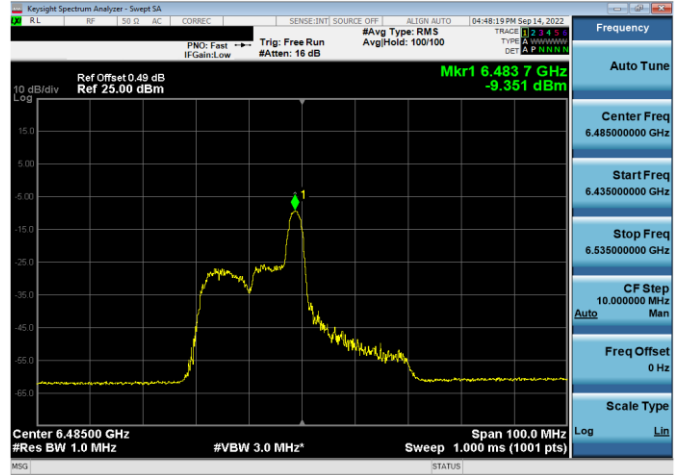


Plot 7-210. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)

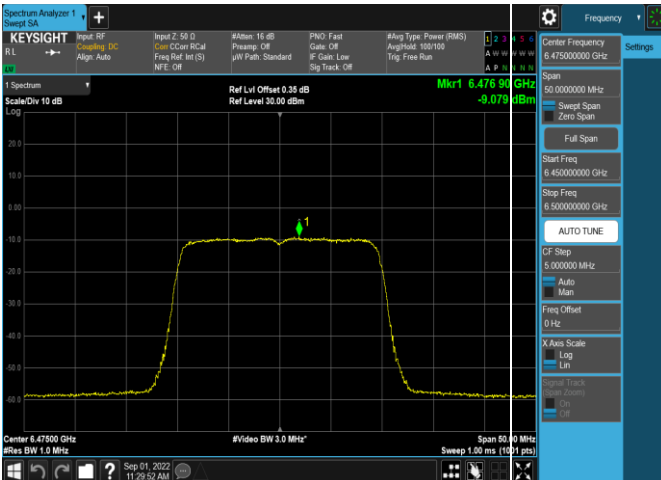
FCC ID: BCGA2764 IC: 579C-A2764	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	Page 81 of 324
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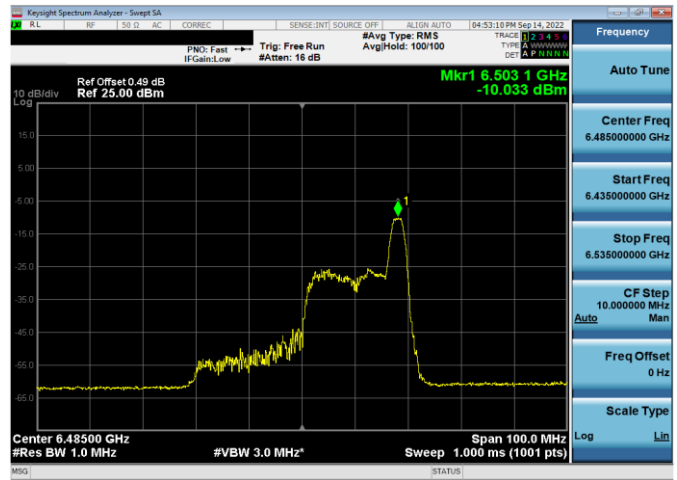
Plot 7-211. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 6) – Ch. 105)



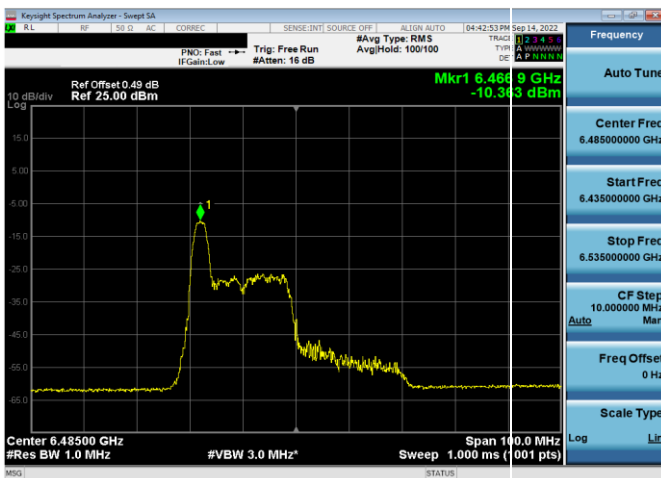
Plot 7-214. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)



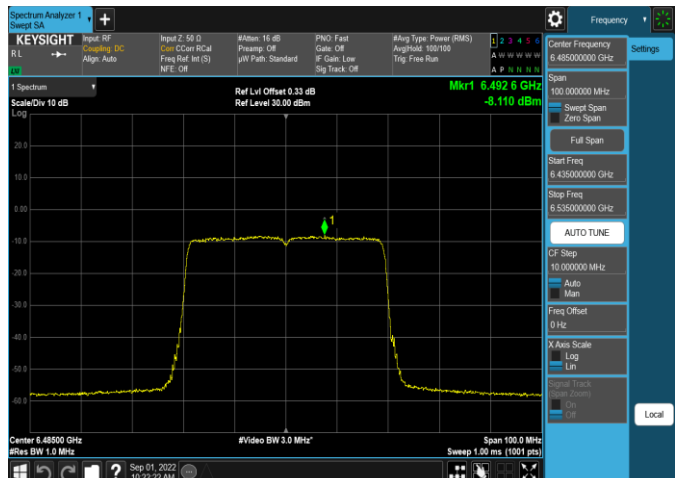
Plot 7-212. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 6) – Ch. 105)



Plot 7-215. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

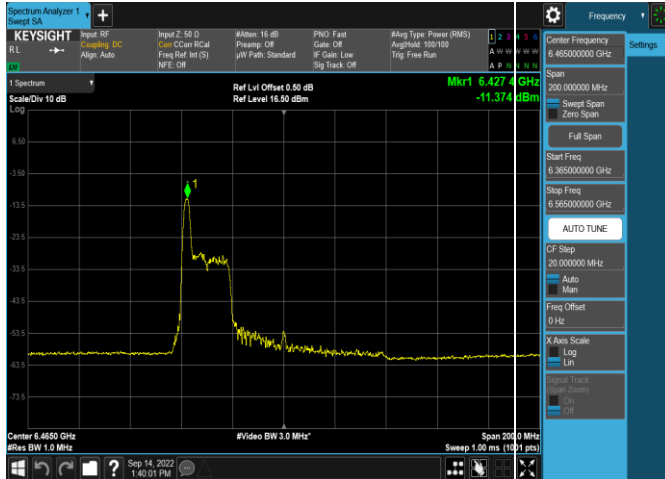


Plot 7-213. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 6) – Ch. 107)

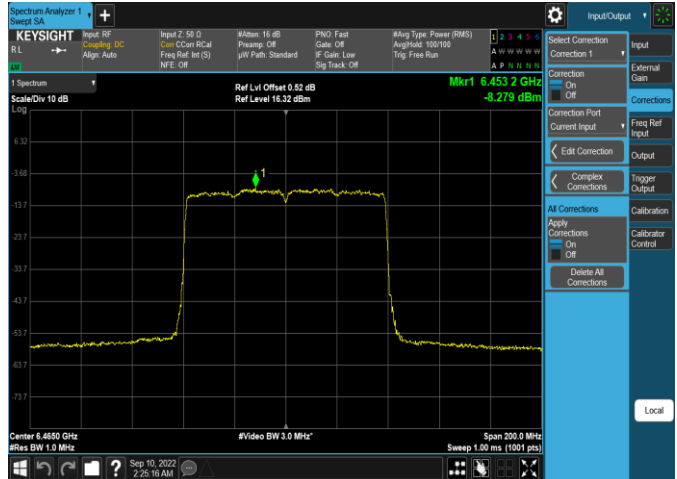


Plot 7-216. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 6) – Ch. 107)

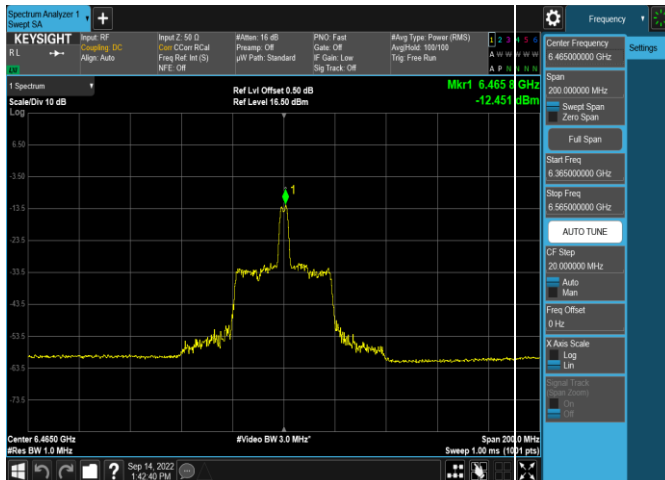
FCC ID: BCGA2764 IC: 579C-A2764	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	Page 82 of 324
	EUT Type: Tablet Device	



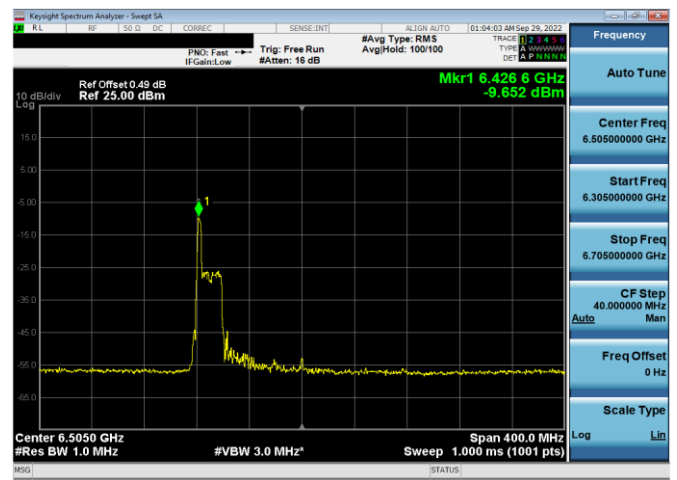
Plot 7-217. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



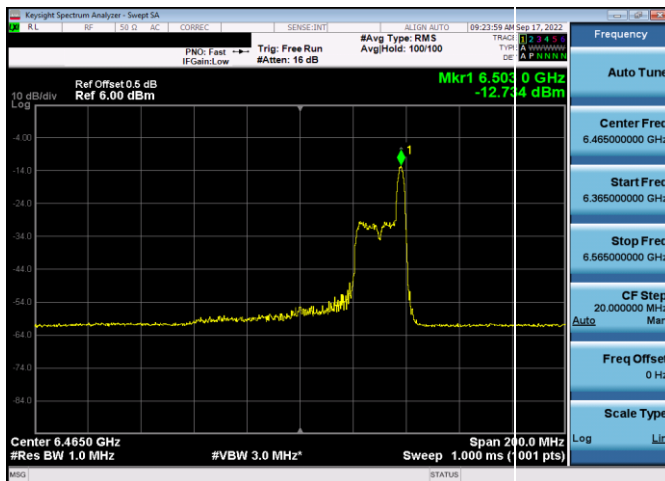
Plot 7-220. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 6) – Ch. 103)



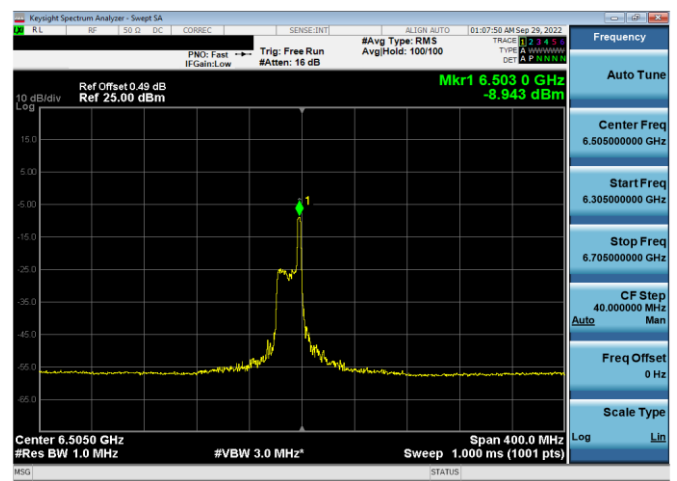
Plot 7-218. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)



Plot 7-221. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

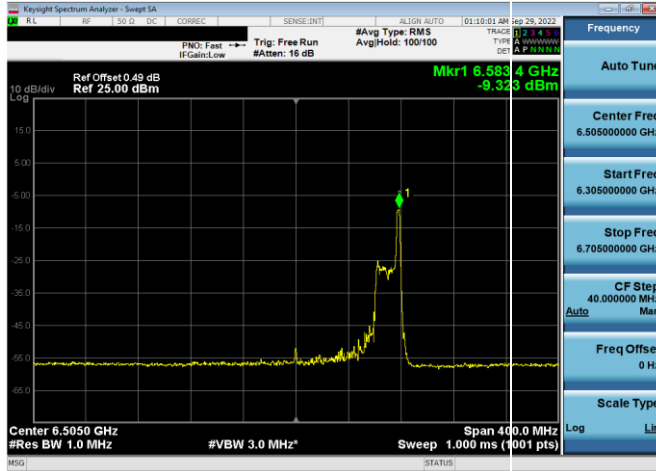


Plot 7-219. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 6) – Ch. 103)

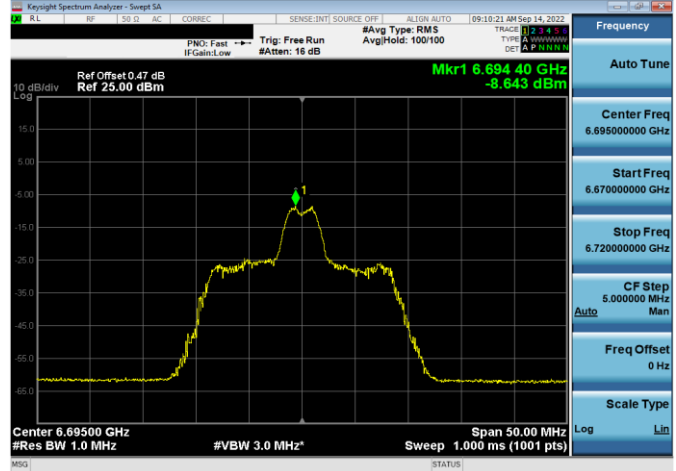


Plot 7-222. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

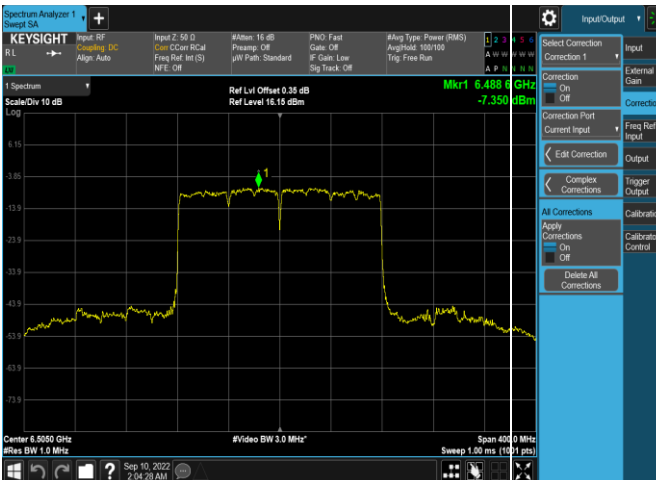
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG		
Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 83 of 324



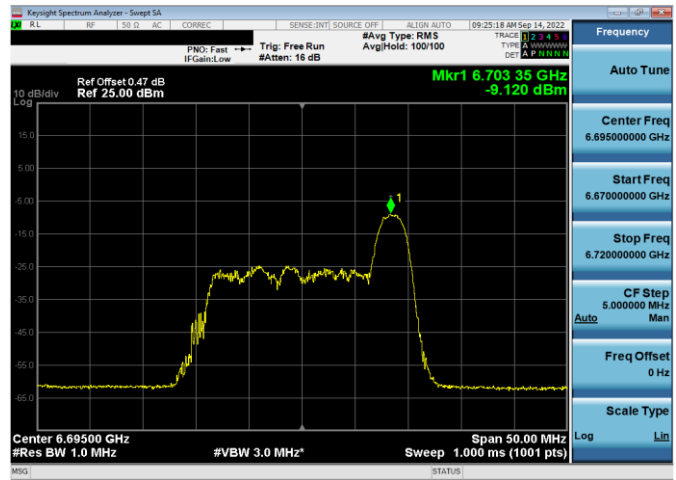
Plot 7-223. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)



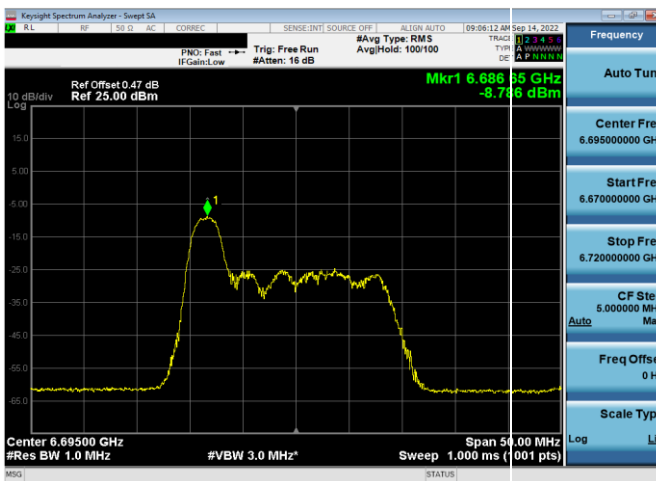
Plot 7-226. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



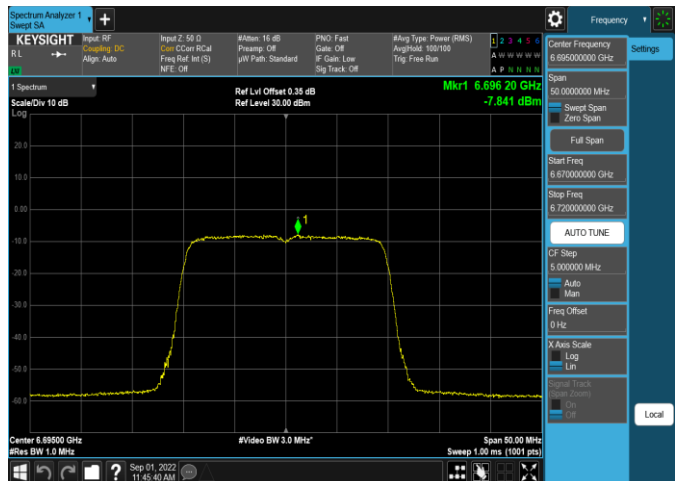
Plot 7-224. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)



Plot 7-227. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

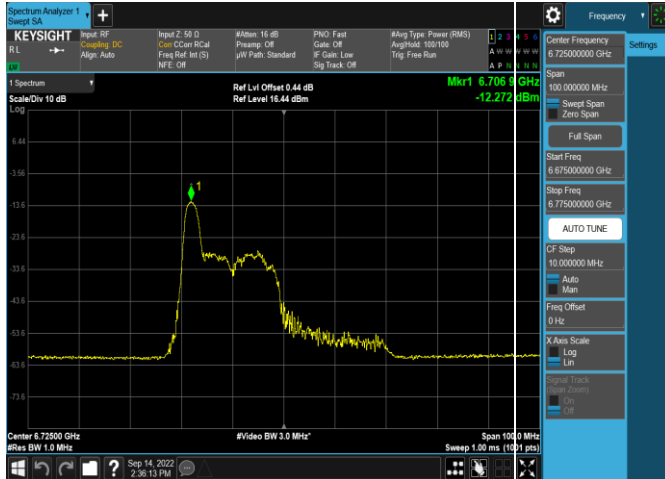


Plot 7-225. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

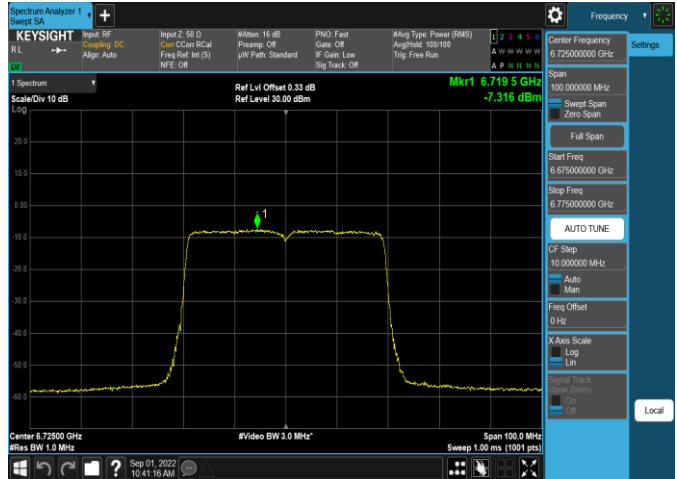


Plot 7-228. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)

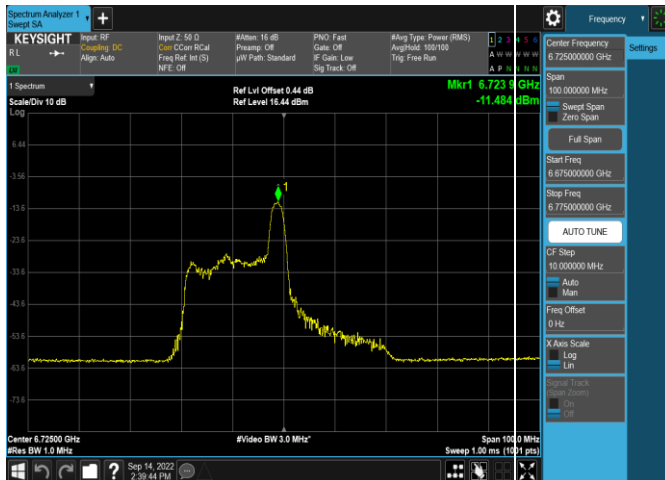
FCC ID: BCGA2764 IC: 579C-A2764	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	Page 84 of 324
	EUT Type: Tablet Device	



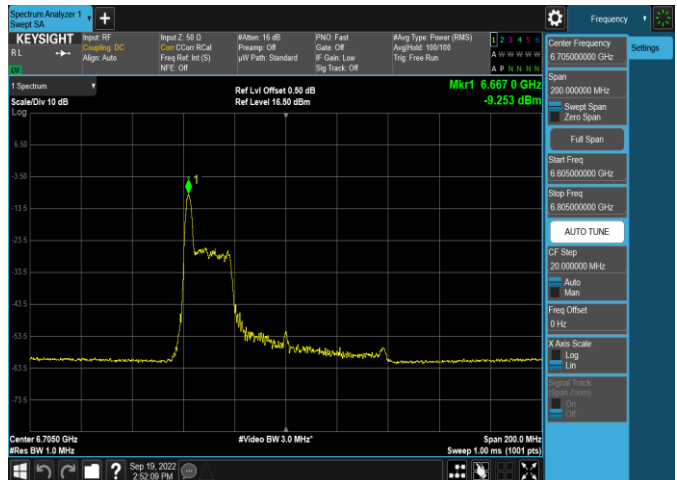
Plot 7-229. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



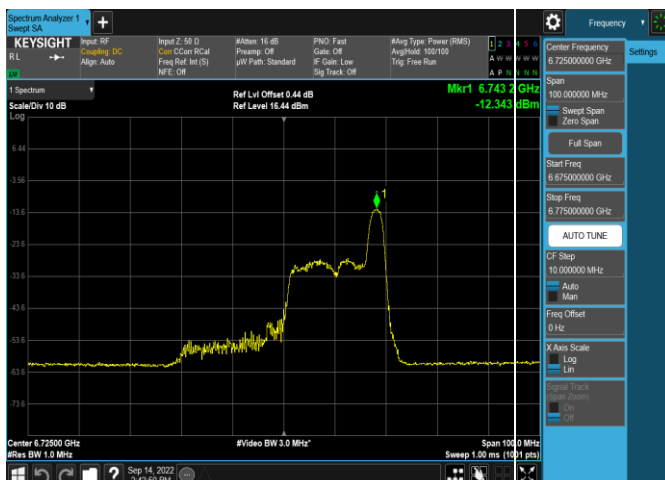
Plot 7-232. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



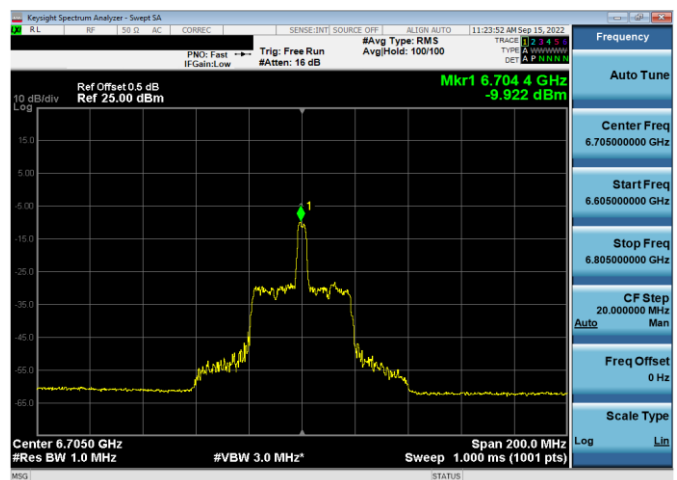
Plot 7-230. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



Plot 7-233. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

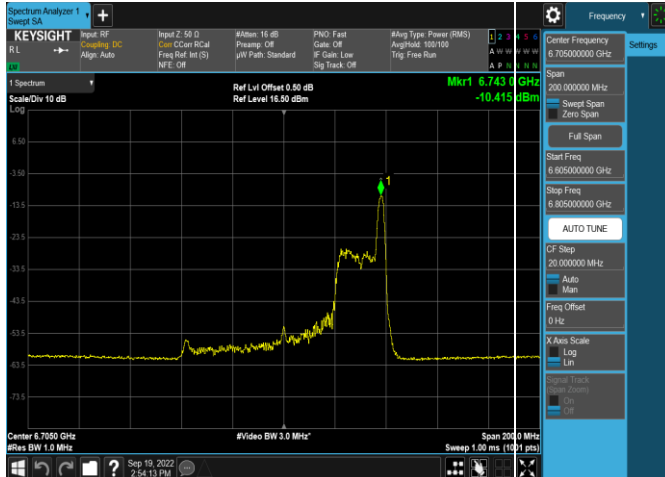


Plot 7-231. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

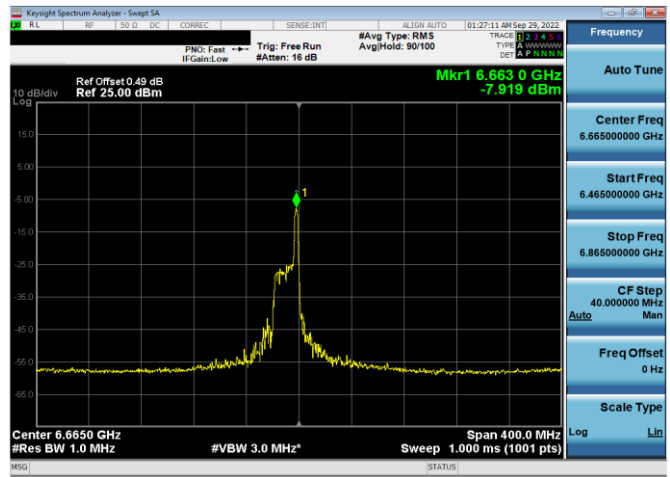


Plot 7-234. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

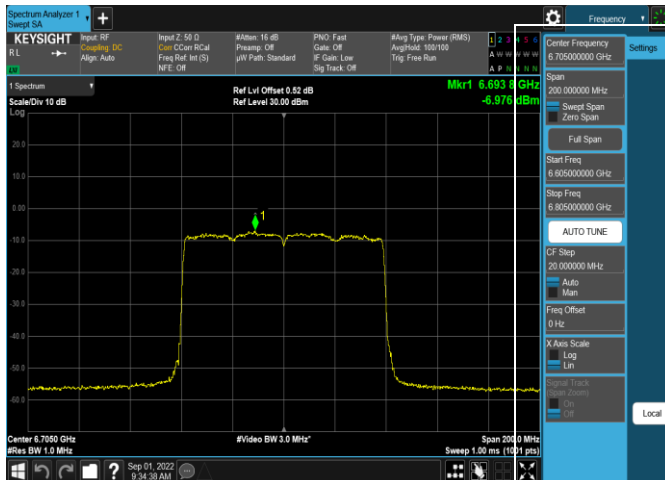
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 85 of 324



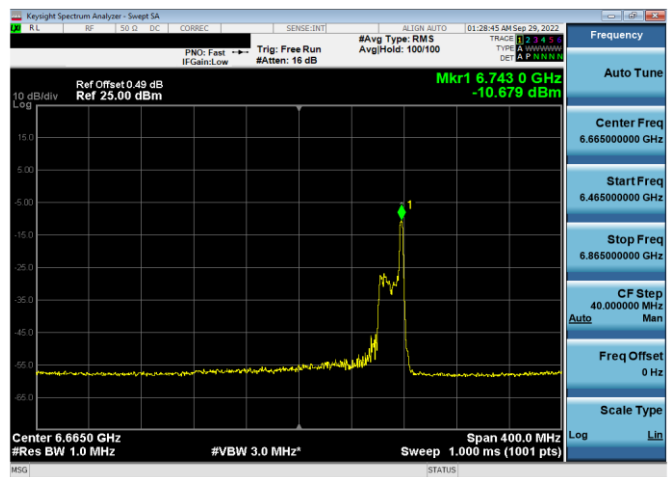
Plot 7-235. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



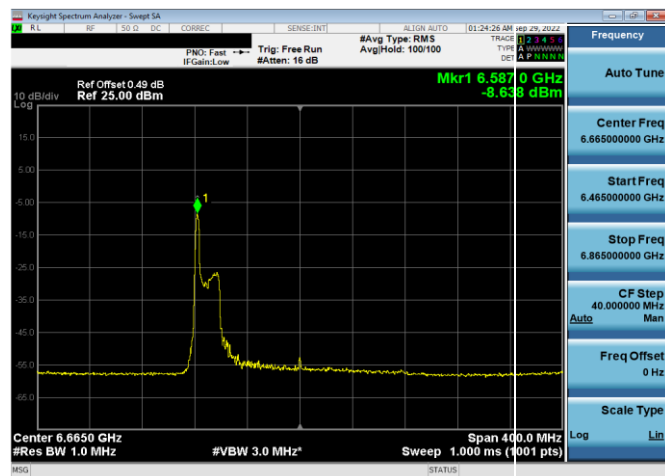
Plot 7-238. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



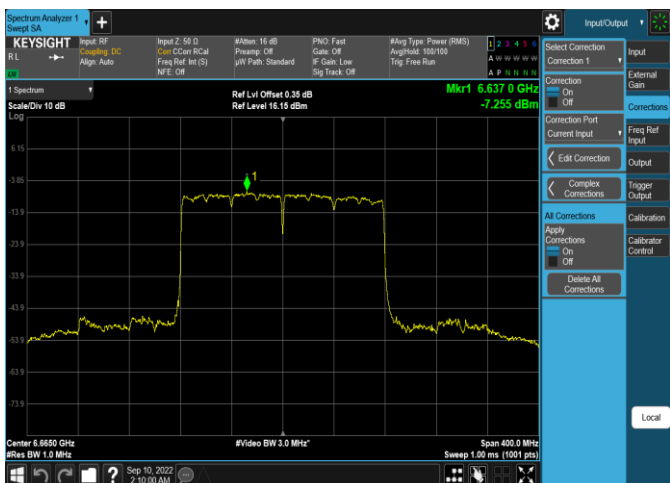
Plot 7-236. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



Plot 7-239. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

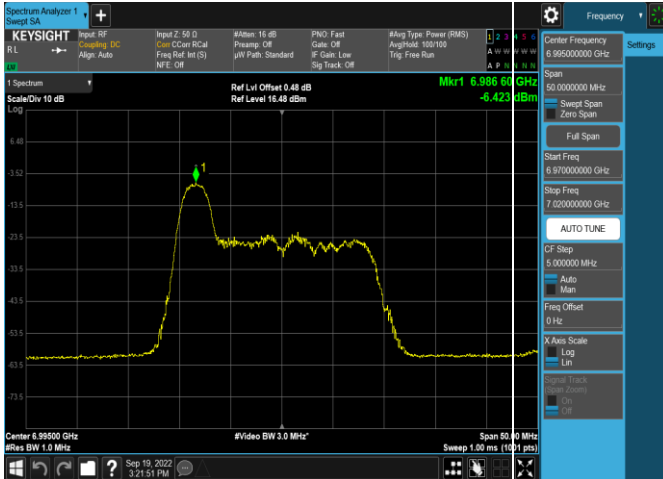


Plot 7-237. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

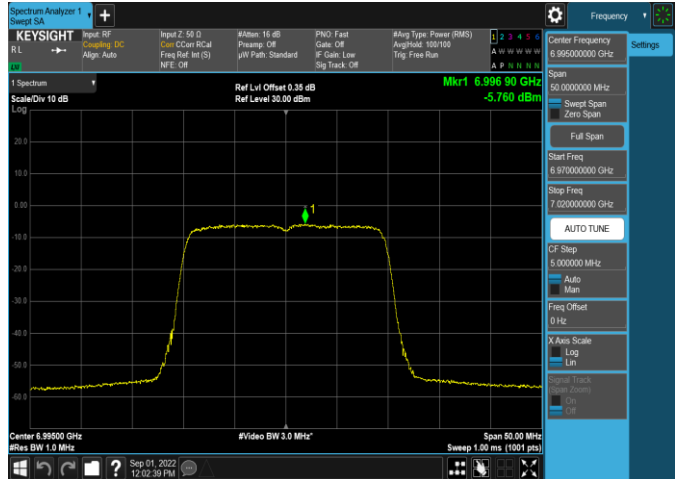


Plot 7-240. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

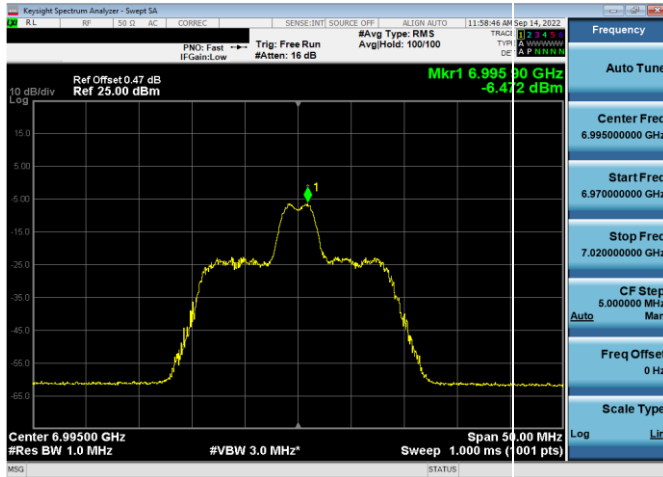
FCC ID: BCGA2764 IC: 579C-A2764	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	Page 86 of 324
	EUT Type: Tablet Device	



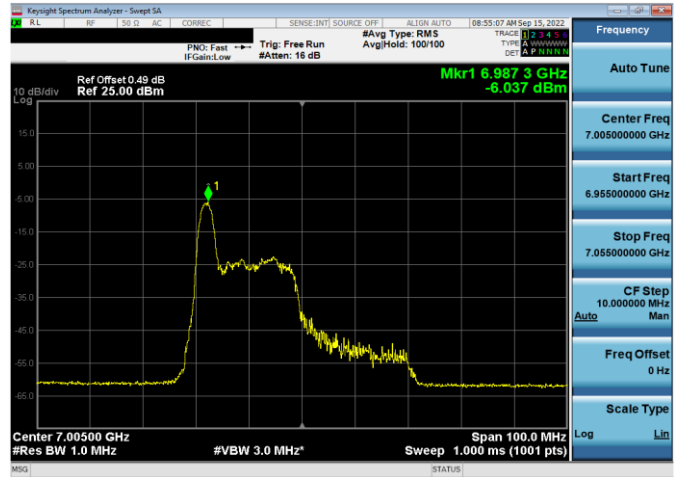
Plot 7-241. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



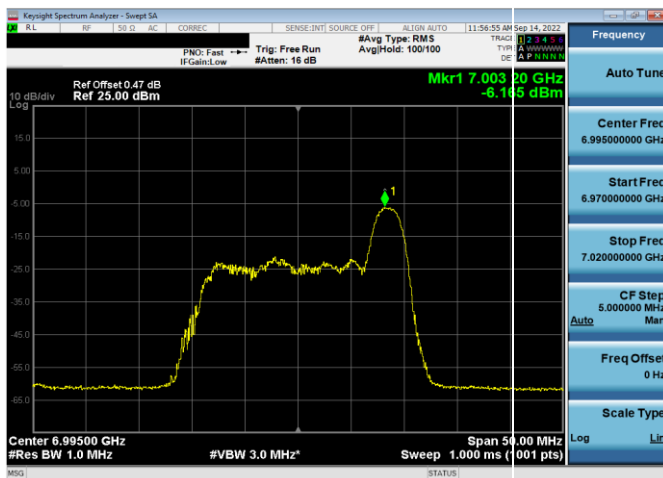
Plot 7-244. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



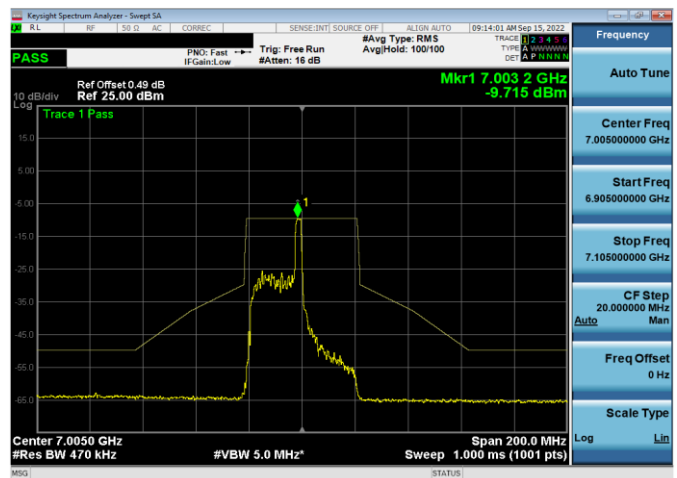
Plot 7-242. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



Plot 7-245. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

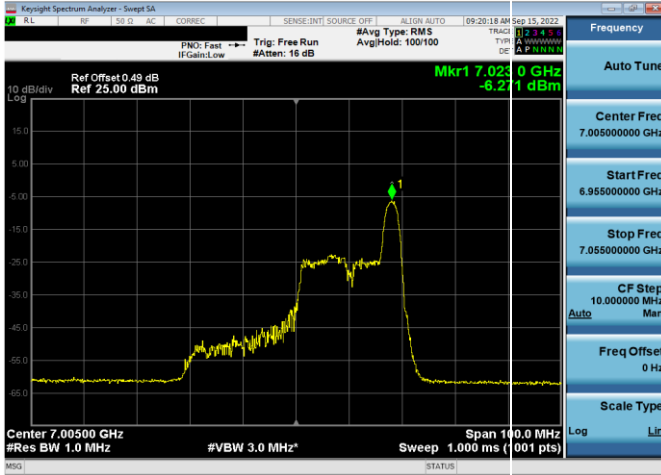


Plot 7-243. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

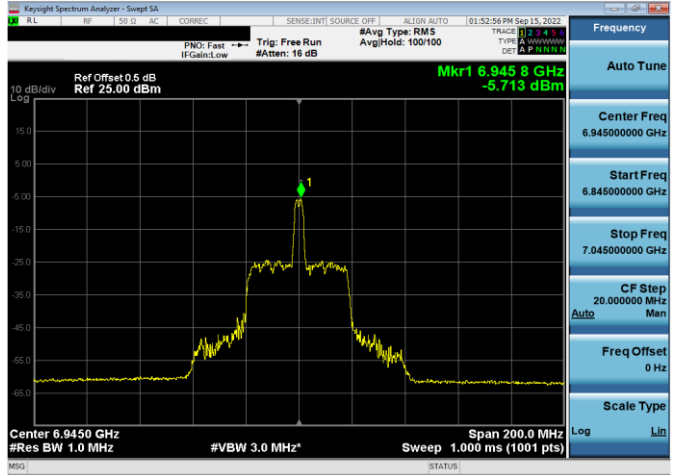


Plot 7-246. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

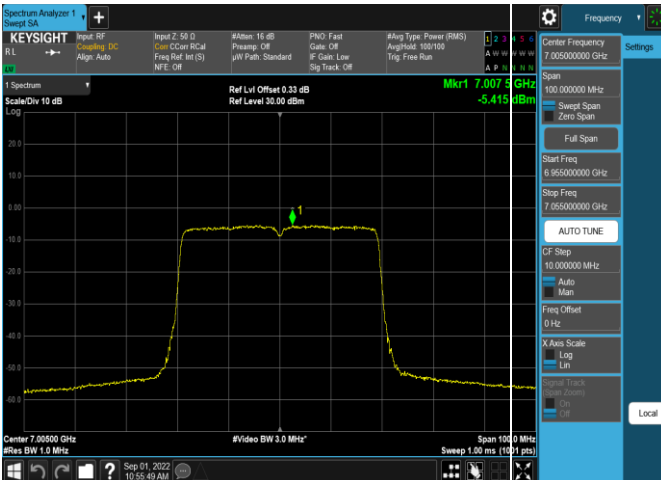
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 87 of 324



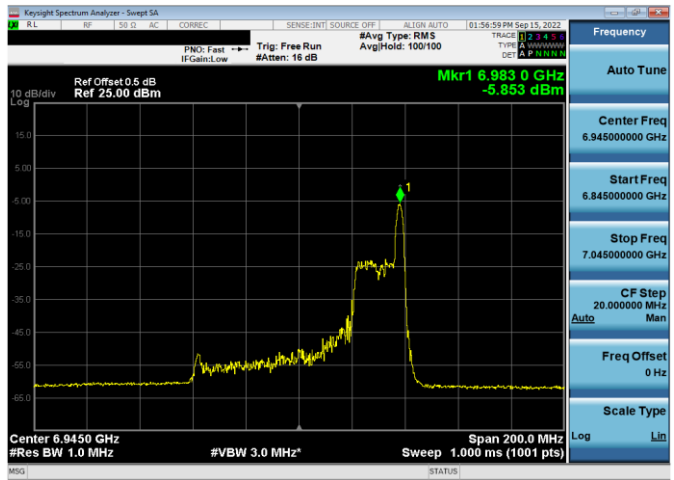
Plot 7-247. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



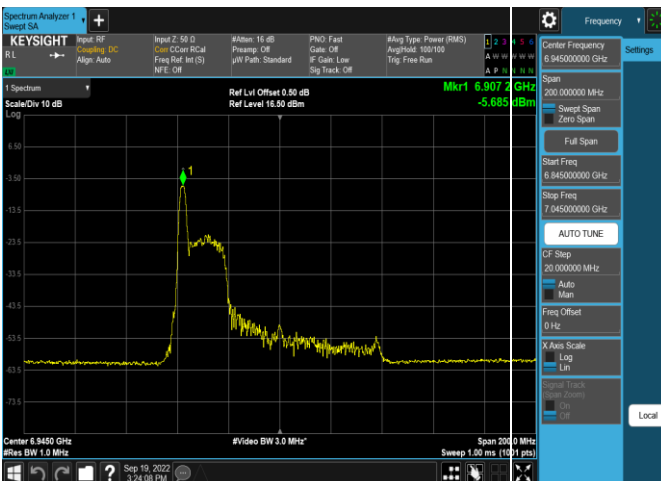
Plot 7-250. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



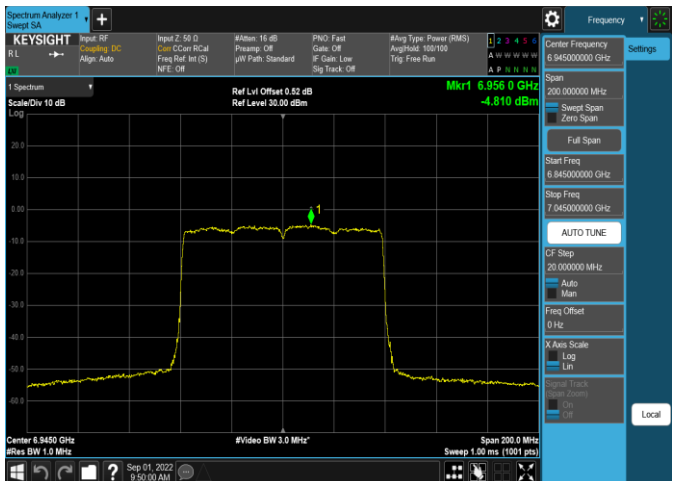
Plot 7-248. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)



Plot 7-251. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

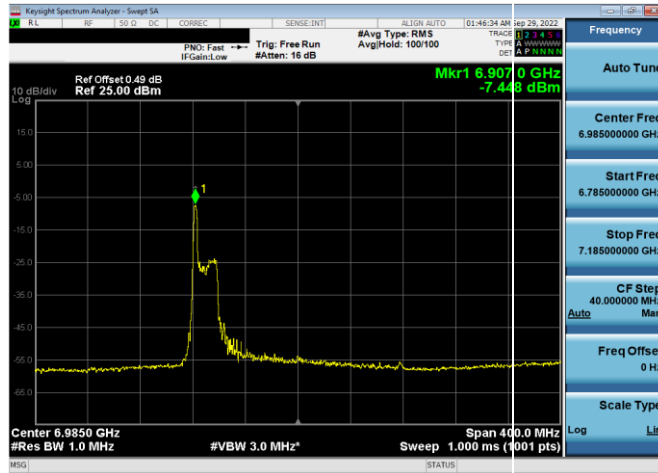


Plot 7-249. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

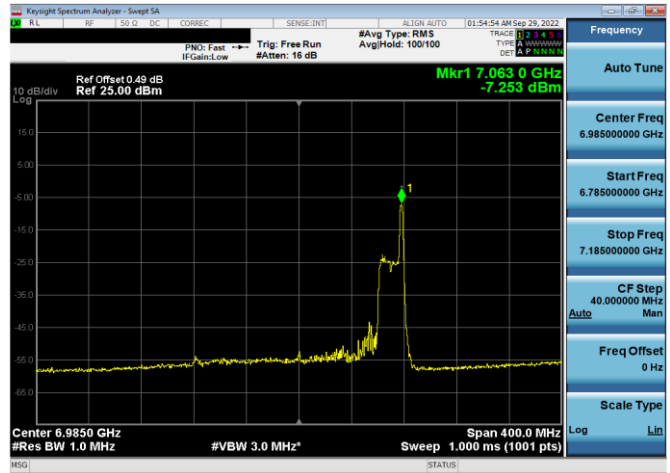


Plot 7-252. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

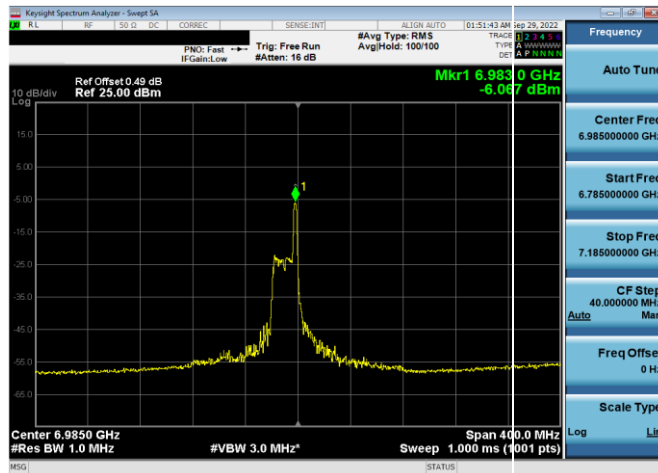
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 88 of 324



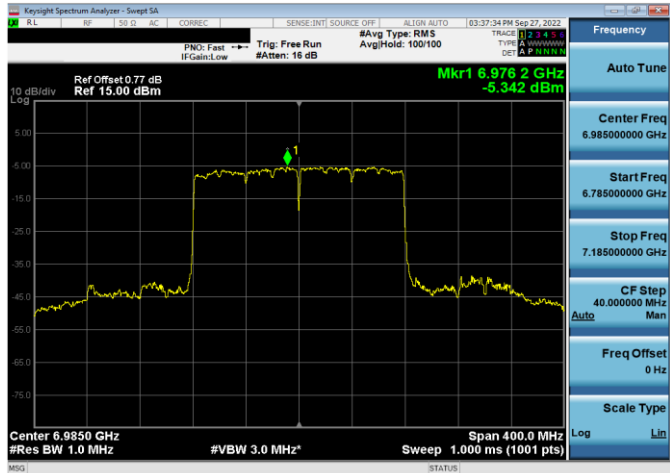
Plot 7-253. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-255. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-254. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-256. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 89 of 324

7.4.3 SDM Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 Mode	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed SDM 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	SOM	MCS11	-9.92	-11.20	-7.50	1.79	-5.71	-1	-4.71	
	5955	1	ax (20MHz)	26	4	SOM	MCS11	-10.22	-11.57	-7.84	1.79	-6.05	-1	-5.05	
	5955	1	ax (20MHz)	26	8	SOM	MCS11	-9.70	-11.03	-7.30	1.79	-5.51	-1	-4.51	
	6175	45	ax (20MHz)	26	0	SOM	MCS11	-10.91	-10.86	-7.87	2.73	-5.15	-1	-4.15	
	6175	45	ax (20MHz)	26	4	SOM	MCS11	-10.75	-10.41	-7.57	2.73	-4.84	-1	-3.84	
	6175	45	ax (20MHz)	26	8	SOM	MCS11	-10.24	-10.52	-7.37	2.73	-4.64	-1	-3.64	
	6415	93	ax (20MHz)	26	0	SOM	MCS11	-11.53	-11.77	-8.64	3.23	-5.41	-1	-4.41	
	6415	93	ax (20MHz)	26	4	SOM	MCS11	-11.84	-12.70	-9.24	3.23	-6.01	-1	-5.01	
	6415	93	ax (20MHz)	26	8	SOM	MCS11	-10.94	-11.94	-8.40	3.23	-5.18	-1	-4.18	
	5965	3	ax (40MHz)	26	0	SOM	MCS11	-10.79	-10.74	-7.76	1.79	-5.97	-1	-4.97	
	5965	3	ax (40MHz)	26	8	SOM	MCS11	-10.21	-9.61	-6.89	1.79	-5.10	-1	-4.10	
	5965	3	ax (40MHz)	26	17	SOM	MCS11	-10.30	-10.16	-7.22	1.79	-5.43	-1	-4.43	
	6165	43	ax (40MHz)	26	0	SOM	MCS11	-10.72	-11.05	-7.87	2.73	-5.14	-1	-4.14	
	6165	43	ax (40MHz)	26	8	SOM	MCS11	-10.04	-10.08	-7.05	2.73	-4.33	-1	-3.33	
	6165	43	ax (40MHz)	26	17	SOM	MCS11	-11.40	-10.50	-7.92	2.73	-5.19	-1	-4.19	
	6425	91	ax (40MHz)	26	0	SOM	MCS11	-11.13	-10.41	-7.74	3.29	-4.45	-1	-3.45	
	6425	91	ax (40MHz)	26	8	SOM	MCS11	-10.01	-9.27	-6.61	3.29	-3.33	-1	-2.33	
	6425	91	ax (40MHz)	26	17	SOM	MCS11	-10.51	-11.08	-7.77	3.29	-4.48	-1	-3.48	
	5985	7	ax (80MHz)	26	0	SOM	MCS11	-11.09	-10.81	-7.94	1.79	-6.15	-1	-5.15	
	5985	7	ax (80MHz)	26	18	SOM	MCS11	-10.78	-11.28	-8.02	1.79	-6.23	-1	-5.23	
	5985	7	ax (80MHz)	26	36	SOM	MCS11	-10.36	-10.76	-7.55	1.79	-5.76	-1	-4.76	
	6145	39	ax (80MHz)	26	0	SOM	MCS11	-10.47	-10.46	-7.45	2.73	-5.47	-1	-4.47	
	6145	39	ax (80MHz)	26	18	SOM	MCS11	-11.09	-10.48	-7.76	2.73	-5.04	-1	-4.04	
	6145	39	ax (80MHz)	26	36	SOM	MCS11	-11.28	-10.88	-8.06	2.73	-5.34	-1	-4.34	
	6385	87	ax (80MHz)	26	0	SOM	MCS11	-11.74	-10.83	-8.25	3.29	-4.96	-1	-3.96	
	6385	87	ax (80MHz)	26	18	SOM	MCS11	-11.48	-10.91	-8.17	3.29	-4.89	-1	-3.89	
	6385	87	ax (80MHz)	26	36	SOM	MCS11	-11.29	-10.81	-7.70	3.29	-4.41	-1	-3.41	
	6025	15	ax (160MHz)	26	0	SOM	MCS11	-14.37	-13.62	-10.97	2.94	-8.03	-1	-7.03	
	6025	15	ax (160MHz)	26	18	SOM	MCS11	-12.24	-14.04	-10.04	2.94	-7.10	-1	-6.10	
	6025	15	ax (160MHz)	26	36	SOM	MCS11	-12.33	-12.19	-9.25	2.94	-6.31	-1	-5.31	
	6185	47	ax (160MHz)	26	0	SOM	MCS11	-11.45	-11.53	-8.47	2.73	-5.74	-1	-4.74	
	6185	47	ax (160MHz)	26	18	SOM	MCS11	-9.60	-9.69	-6.78	2.73	-4.60	-1	-3.60	
	6185	47	ax (160MHz)	26	36	SOM	MCS11	-9.86	-10.76	-7.28	2.73	-4.55	-1	-3.55	
	6345	79	ax (160MHz)	26	0	SOM	MCS11	-13.59	-12.92	-10.23	3.29	-6.94	-1	-5.94	
	6345	79	ax (160MHz)	26	18	SOM	MCS11	-14.07	-13.50	-10.77	3.29	-7.48	-1	-6.48	
	6345	79	ax (160MHz)	26	36	SOM	MCS11	-12.52	-12.24	-9.37	3.29	-6.08	-1	-5.08	
	6435	97	ax (20MHz)	26	0	SOM	MCS11	-11.44	-11.44	-8.43	3.23	-5.20	-1	-4.20	
	6435	97	ax (20MHz)	26	4	SOM	MCS11	-12.27	-12.52	-9.38	3.23	-6.15	-1	-5.15	
	6435	97	ax (20MHz)	26	8	SOM	MCS11	-11.66	-12.31	-8.96	3.23	-5.73	-1	-4.73	
	6475	105	ax (20MHz)	26	0	SOM	MCS11	-12.43	-12.46	-9.43	3.23	-6.21	-1	-5.21	
6475	105	ax (20MHz)	26	4	SOM	MCS11	-12.92	-13.46	-10.17	3.23	-6.95	-1	-5.95		
6475	105	ax (20MHz)	26	8	SOM	MCS11	-12.97	-13.19	-10.07	3.23	-6.84	-1	-5.84		
6515	113	ax (20MHz)	26	0	SOM	MCS11	-11.58	-12.50	-9.00	2.92	-6.08	-1	-5.08		
6515	113	ax (20MHz)	26	4	SOM	MCS11	-11.80	-13.11	-9.45	2.92	-6.53	-1	-5.53		
6515	113	ax (20MHz)	26	8	SOM	MCS11	-11.57	-12.55	-9.02	2.92	-6.10	-1	-5.10		
6445	99	ax (40MHz)	26	0	SOM	MCS11	-11.53	-12.16	-8.82	3.23	-5.60	-1	-4.60		
6445	99	ax (40MHz)	26	8	SOM	MCS11	-10.53	-11.08	-7.79	3.23	-4.56	-1	-3.56		
6445	99	ax (40MHz)	26	17	SOM	MCS11	-13.48	-12.65	-10.04	3.23	-6.81	-1	-5.81		
6485	107	ax (40MHz)	26	0	SOM	MCS11	-11.70	-12.66	-9.14	3.23	-5.91	-1	-4.91		
6485	107	ax (40MHz)	26	8	SOM	MCS11	-12.05	-12.13	-9.08	3.23	-5.85	-1	-4.85		
6485	107	ax (40MHz)	26	17	SOM	MCS11	-13.04	-12.96	-9.99	3.23	-6.76	-1	-5.76		
6525	115	ax (40MHz)	26	0	SOM	MCS11	-11.72	-12.45	-9.06	3.23	-6.14	-1	-5.14		
6525	115	ax (40MHz)	26	8	SOM	MCS11	-12.25	-11.95	-9.09	2.92	-6.17	-1	-5.17		
6525	115	ax (40MHz)	26	17	SOM	MCS11	-13.21	-12.60	-9.89	2.92	-6.96	-1	-5.96		
6465	103	ax (80MHz)	26	0	SOM	MCS11	-12.90	-12.47	-9.67	3.23	-6.44	-1	-5.44		
6465	103	ax (80MHz)	26	18	SOM	MCS11	-12.31	-13.05	-9.65	3.23	-6.43	-1	-5.43		
6465	103	ax (80MHz)	26	36	SOM	MCS11	-12.71	-13.17	-10.18	3.23	-6.84	-1	-5.84		
6505	111	ax (160MHz)	26	0	SOM	MCS11	-10.76	-10.85	-7.79	2.92	-4.87	-1	-3.87		
6505	111	ax (160MHz)	26	18	SOM	MCS11	-10.14	-10.72	-7.41	2.92	-4.49	-1	-3.49		
6505	111	ax (160MHz)	26	36	SOM	MCS11	-10.50	-10.86	-7.66	2.92	-4.74	-1	-3.74		
Band 6	6535	117	ax (20MHz)	26	0	SOM	MCS11	-11.27	-11.53	-8.39	2.92	-5.46	-1	-4.46	
	6535	117	ax (20MHz)	26	4	SOM	MCS11	-11.59	-13.21	-9.31	2.92	-6.20	-1	-5.20	
	6535	117	ax (20MHz)	26	8	SOM	MCS11	-10.87	-12.59	-8.63	2.92	-5.71	-1	-4.71	
	6695	149	ax (20MHz)	26	0	SOM	MCS11	-10.20	-11.53	-7.80	2.62	-5.18	-1	-4.18	
	6695	149	ax (20MHz)	26	4	SOM	MCS11	-10.38	-11.25	-7.78	2.62	-5.16	-1	-4.16	
	6695	149	ax (20MHz)	26	8	SOM	MCS11	-10.35	-11.31	-7.79	2.62	-5.17	-1	-4.17	
	6875	185	ax (20MHz)	26	0	SOM	MCS11	-9.71	-11.37	-7.39	1.66	-4.78	-1	-3.78	
	6877	185	ax (20MHz)	26	4	SOM	MCS11	-9.89	-11.72	-7.70	1.66	-5.04	-1	-4.04	
	6877	185	ax (20MHz)	26	8	SOM	MCS11	-10.58	-11.71	-8.10	1.66	-5.43	-1	-4.43	
	6565	123	ax (40MHz)	26	0	SOM	MCS11	-11.77	-12.60	-9.15	2.92	-6.23	-1	-5.23	
	6565	123	ax (40MHz)	26	8	SOM	MCS11	-11.18	-11.86	-8.50	2.92	-5.57	-1	-4.57	
	6565	123	ax (40MHz)	26	17	SOM	MCS11	-12.58	-12.66	-9.61	2.92	-6.68	-1	-5.68	
	6725	155	ax (40MHz)	26	0	SOM	MCS11	-9.53	-10.90	-7.15	2.66	-4.49	-1	-3.49	
	6725	155	ax (40MHz)	26	8	SOM	MCS11	-9.19	-10.54	-6.80	2.66	-4.15	-1	-3.15	
	6725	155	ax (40MHz)	26	17	SOM	MCS11	-9.71	-11.01	-7.30	2.66	-4.65	-1	-3.65	
	6845	179	ax (40MHz)	26	0	SOM	MCS11	-9.18	-12.18	-7.42	1.66	-5.76	-1	-4.76	
	6845	179	ax (40MHz)	26	8	SOM	MCS11	-9.58	-11.97	-7.61	1.66	-5.94	-1	-4.94	
	6845	179	ax (40MHz)	26	17	SOM	MCS11	-10.84	-12.91	-8.75	1.66	-7.08	-1	-6.08	
	6545	119	ax (80MHz)	26	0	SOM	MCS11	-11.60	-13.01	-9.24	2.92	-6.32	-1	-5.32	
	6545	119	ax (80MHz)	26	18	SOM	MCS11	-12.68	-13.43	-10.03	2.92	-7.11	-1	-6.11	
	6545	119	ax (80MHz)	26	36	SOM	MCS11	-12.77	-13.11	-9.93	2.92	-7.01	-1	-6.01	
	6705	151	ax (80MHz)	26	0	SOM	MCS11	-14.20	-13.12	-10.62	2.62	-7.89	-1	-6.89	
	6705	151	ax (80MHz)	26	18	SOM	MCS11	-14.24	-12.94	-10.53	2.62	-7.91	-1	-6.91	
	6705	151	ax (80MHz)	26	36	SOM	MCS11	-13.79	-13.37	-10.56	2.62	-7.94	-1	-6.94	
	6865	183	ax (80MHz)	26	0	SOM	MCS11	-9.02	-11.04	-6.91	1.66	-5.24	-1	-4.24	
	6865	183	ax (80MHz)	26	8	SOM	MCS11	-10.48	-11.48	-8.33	1.66	-5.67	-1	-4.67	
	6865	183	ax (80MHz)	26	36	SOM	MCS11	-11.62	-11.88	-8.74	1.66	-7.06	-1	-6.06	
	6665	143	ax (160MHz)	26	0	SOM	MCS11	-10.14	-10.50	-7.30	2.62	-4.68	-1	-3.68	
	6665	143	ax (160MHz)	26	18	SOM	MCS11	-8.30	-9.08	-5.66	2.62	-3.04	-1	-2.04	
	6665	143	ax (160MHz)	26	36	SOM	MCS11	-11.35	-12.06	-8.68	2.62	-6.06	-1	-5.06	
	6825	175	ax (160MHz)	26	0	SOM	MCS11	-10.27	-13.08	-8.44	1.66	-4.78	-1	-3.78	
	6825	175	ax (160MHz)	26	18	SOM	MCS11	-11.02	-13.23	-9.98	1.66	-7.31	-1	-6.31	
	6825	175	ax (160MHz)	26	36	SOM	MCS11	-10.76	-12.17	-8.40	1.66	-6.74	-1	-5.74	
	Band 7	6895	189	ax (20MHz)	26	0	SOM	MCS11	-7.03	-8.17	-4.56	1.66	-2.89	-1	-1.89
		6895	189	ax (20MHz)	26	4	SOM	MCS11	-7.61	-8.65	-5.09	1.66	-3.42	-1	-2.42
		6895	189	ax (20MHz)	26	8	SOM	MCS11	-7.05	-8.01	-4.49	1.66	-2.8		

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna 5b Power Density [dBm/MHz]	Antenna 4a Power Density [dBm/MHz]	Summed SDM 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	SDM	MCS11	-9.79	-11.23	-7.44	1.79	-5.65	-1	-4.65
	6175	45	ax (20MHz)	242	61	SDM	MCS11	-10.64	-10.67	-7.64	2.73	-4.91	-1	-3.91
	6415	93	ax (20MHz)	242	61	SDM	MCS11	-12.03	-12.61	-9.30	3.23	-6.08	-1	-5.08
	5965	3	ax (40MHz)	484	65	SDM	MCS11	-9.01	-9.46	-6.22	1.79	-4.43	-1	-3.43
	6165	43	ax (40MHz)	484	65	SDM	MCS11	-8.77	-9.23	-5.98	2.73	-3.25	-1	-2.25
	6405	91	ax (40MHz)	484	65	SDM	MCS11	-9.36	-9.81	-6.57	3.29	-3.28	-1	-2.28
	5985	7	ax (80MHz)	996	67	SDM	MCS11	-8.98	-9.81	-6.37	1.79	-4.58	-1	-3.58
	6145	39	ax (80MHz)	996	67	SDM	MCS11	-8.18	-9.28	-5.68	2.73	-2.96	-1	-1.96
	6385	87	ax (80MHz)	996	67	SDM	MCS11	-8.92	-10.00	-6.41	3.29	-3.13	-1	-2.13
	6025	15	ax (160MHz)	996	68	SDM	MCS11	-10.43	-9.16	-6.74	2.94	-3.80	-1	-2.80
Band 6	6185	47	ax (160MHz)	996	68	SDM	MCS11	-8.28	-9.08	-5.65	2.73	-2.92	-1	-1.92
	6345	79	ax (160MHz)	996	68	SDM	MCS11	-8.01	-8.82	-5.39	3.29	-2.10	-1	-1.10
	6435	97	ax (20MHz)	242	61	SDM	MCS11	-11.95	-12.51	-9.21	3.23	-5.98	-1	-4.98
	6475	105	ax (20MHz)	242	61	SDM	MCS11	-12.09	-12.45	-9.26	3.23	-6.03	-1	-5.03
	6515	113	ax (20MHz)	242	61	SDM	MCS11	-11.27	-11.75	-8.50	2.92	-5.58	-1	-4.58
	6445	99	ax (40MHz)	484	65	SDM	MCS11	-9.05	-9.72	-6.36	3.23	-3.13	-1	-2.13
	6485	107	ax (40MHz)	484	65	SDM	MCS11	-15.49	-13.22	-11.20	3.23	-7.97	-1	-6.97
	6525	115	ax (40MHz)	484	65	SDM	MCS11	-15.86	-12.98	-11.18	2.92	-8.26	-1	-7.26
	6465	103	ax (80MHz)	996	67	SDM	MCS11	-8.05	-9.96	-5.89	3.23	-2.66	-1	-1.66
	6505	111	ax (160MHz)	996	68	SDM	MCS11	-7.46	-8.34	-4.87	2.92	-1.95	-1	-0.95
Band 7	6535	117	ax (20MHz)	242	61	SDM	MCS11	-10.93	-10.89	-7.90	2.92	-4.98	-1	-3.98
	6695	149	ax (20MHz)	242	61	SDM	MCS11	-10.13	-11.21	-7.63	2.62	-5.00	-1	-4.00
	6875	185	ax (20MHz)	242	61	SDM	MCS11	-9.32	-10.45	-6.84	1.66	-5.18	-1	-4.18
	6565	123	ax (40MHz)	484	65	SDM	MCS11	-12.96	-12.85	-9.89	2.92	-6.97	-1	-5.97
	6725	155	ax (40MHz)	484	65	SDM	MCS11	-12.99	-13.96	-10.43	2.66	-7.78	-1	-6.78
	6845	179	ax (40MHz)	484	65	SDM	MCS11	-13.38	-14.10	-10.71	1.66	-9.05	-1	-8.05
	6545	119	ax (80MHz)	996	67	SDM	MCS11	-10.39	-10.00	-7.18	2.92	-4.26	-1	-3.26
	6705	151	ax (80MHz)	996	67	SDM	MCS11	-7.25	-9.11	-5.07	2.62	-2.44	-1	-1.44
	6865	183	ax (80MHz)	996	67	SDM	MCS11	-8.34	-8.85	-5.58	1.66	-3.91	-1	-2.91
	6665	143	ax (160MHz)	996	68	SDM	MCS11	-9.33	-8.67	-5.97	2.62	-3.35	-1	-2.35
Band 8	6825	175	ax (160MHz)	996	68	SDM	MCS11	-7.79	-7.63	-4.70	1.66	-3.04	-1	-2.04
	6895	189	ax (20MHz)	242	61	SDM	MCS11	-6.94	-6.99	-3.95	1.66	-2.29	-1	-1.29
	6995	209	ax (20MHz)	242	61	SDM	MCS11	-6.64	-6.80	-3.71	0.66	-3.04	-1	-2.04
	6885	187	ax (40MHz)	484	65	SDM	MCS11	-10.98	-10.53	-7.74	1.66	-6.08	-1	-5.08
	7005	211	ax (40MHz)	484	65	SDM	MCS11	-7.01	-7.86	-4.40	0.66	-3.74	-1	-2.74
	7085	227	ax (40MHz)	484	65	SDM	MCS11	-6.97	-7.97	-4.43	0.41	-4.01	-1	-3.01
	6945	199	ax (80MHz)	996	67	SDM	MCS11	-5.00	-5.63	-2.29	0.66	-1.63	-1	-0.63
	7025	215	ax (80MHz)	996	67	SDM	MCS11	-6.42	-6.07	-3.23	0.19	-3.04	-1	-2.04
	6985	207	ax (160MHz)	996	68	SDM	MCS11	-5.44	-5.70	-2.56	0.66	-1.90	-1	-0.90

Table 7-47. Power Spectral Density Measurements SDM (Fully-loaded RU)

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-22-R3.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 91 of 324

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