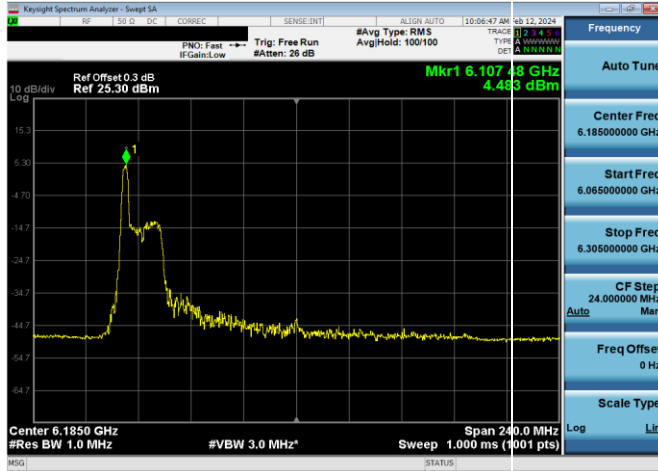
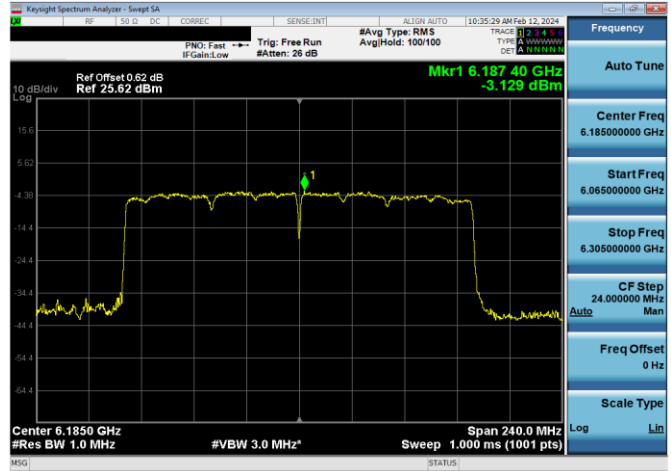
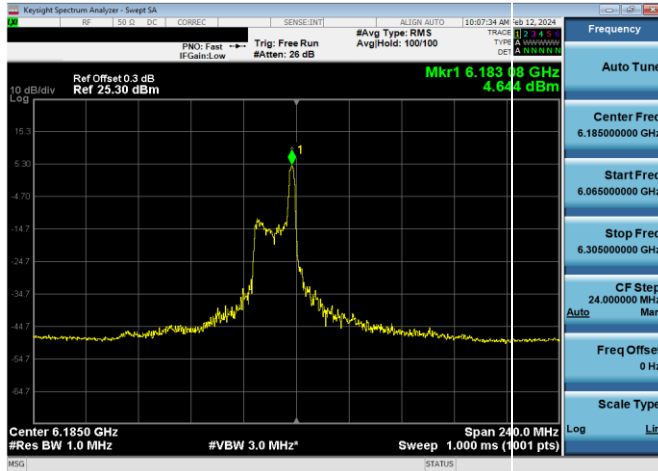




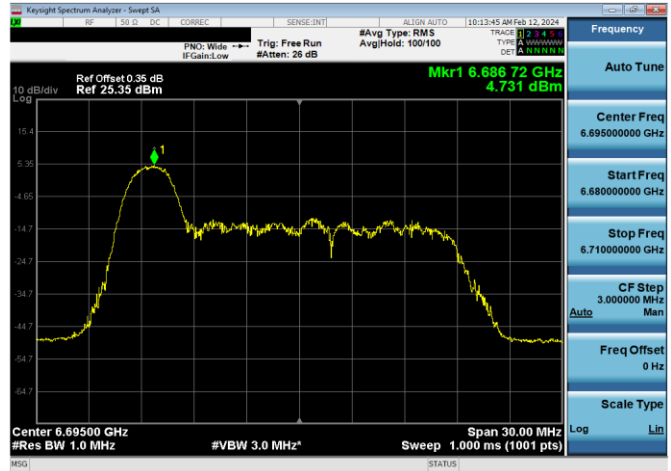
Plot 7-205. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



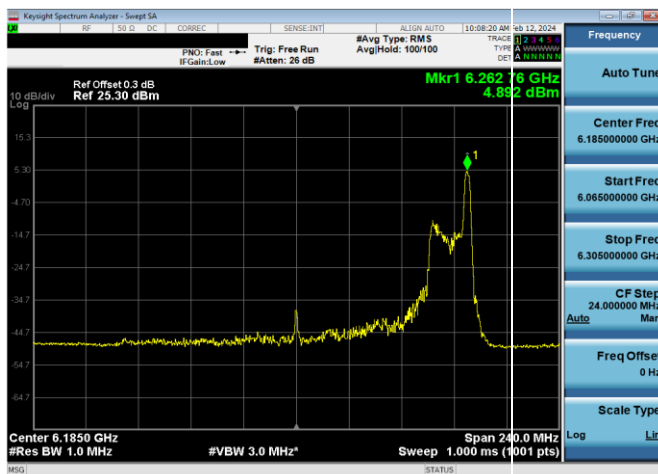
Plot 7-208. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



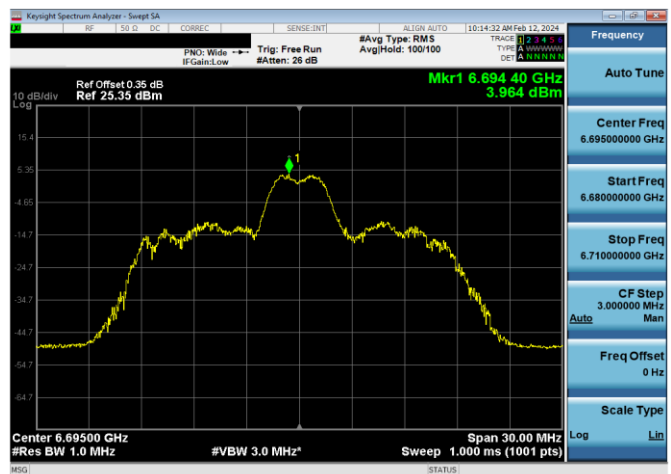
Plot 7-206. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-209. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

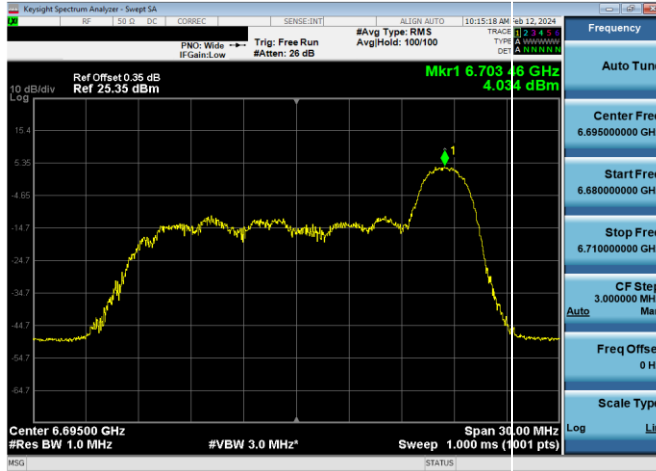


Plot 7-207. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

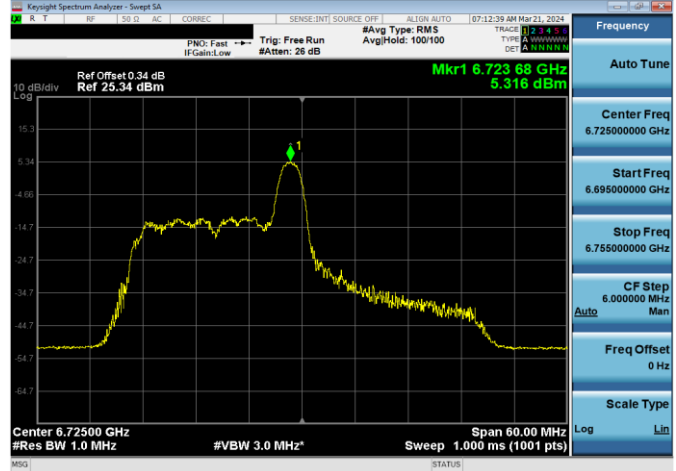


Plot 7-210. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

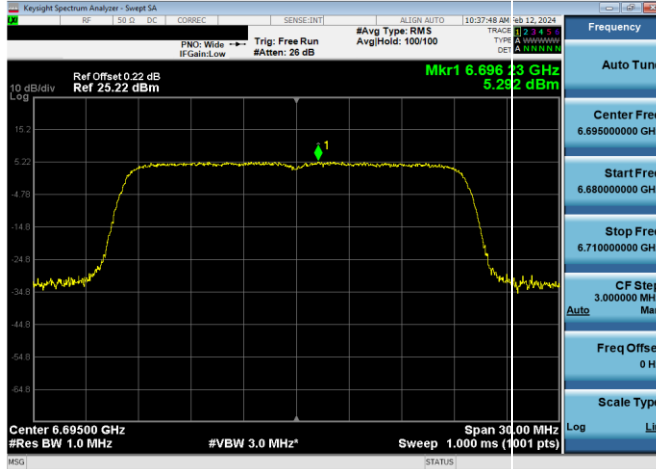
FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG			
Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device		Page 113 of 615



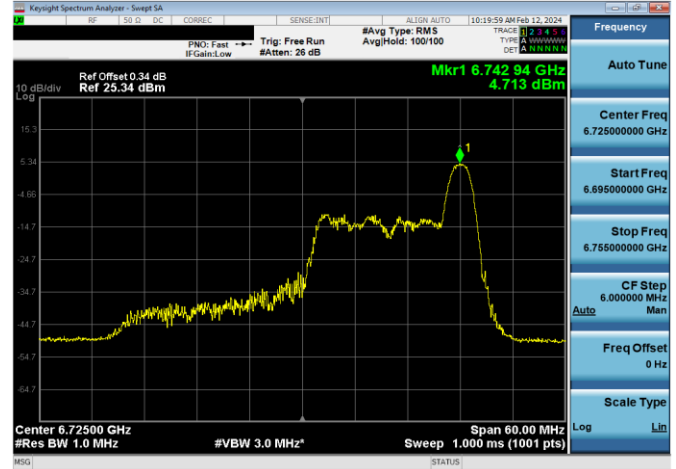
Plot 7-211. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



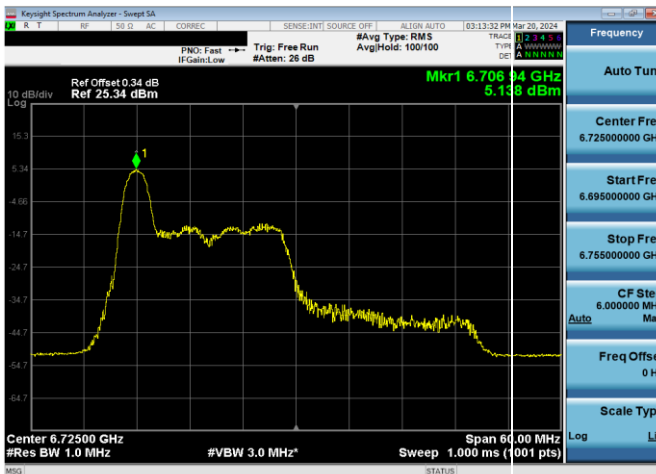
Plot 7-214. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



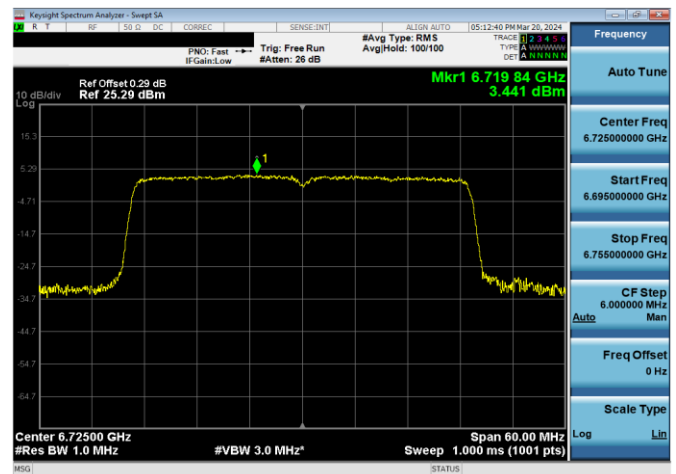
Plot 7-212. SP Power Spectral Density Plot Antenna WF5B (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-215. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

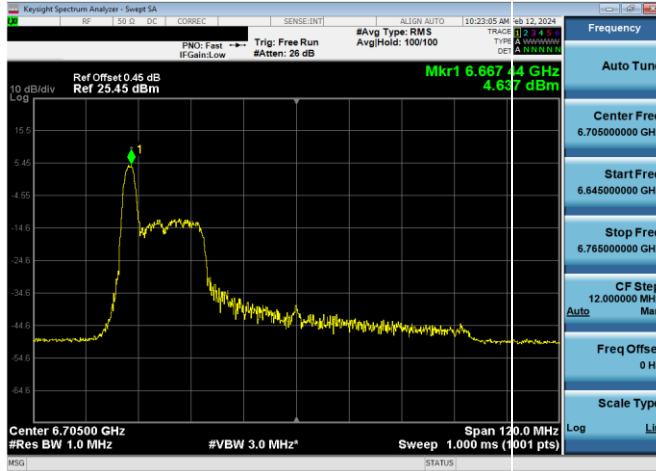


Plot 7-213. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

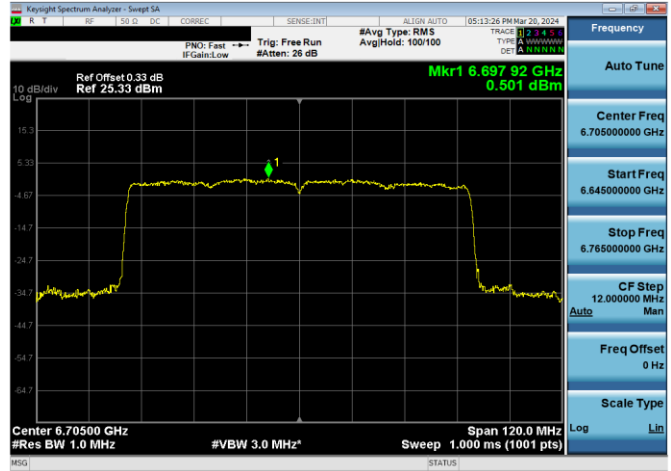


Plot 7-216. SP Power Spectral Density Plot Antenna WF5B (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)

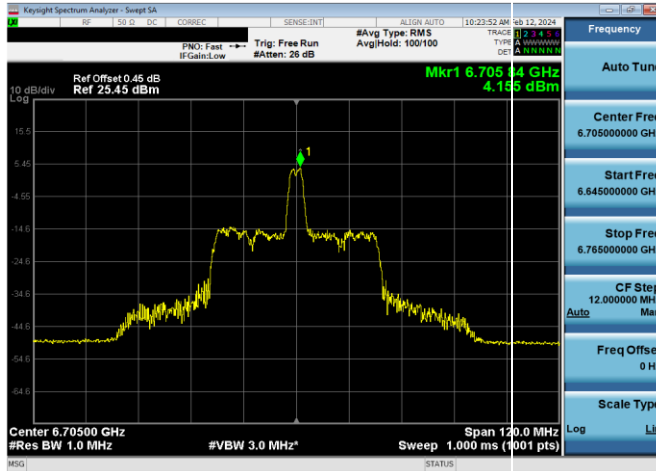
FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 114 of 615



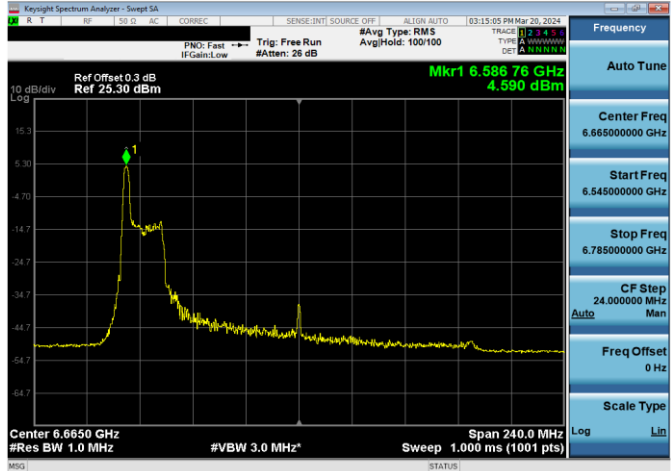
Plot 7-217. SP Power Spectral Density Plot Antenna WF5B (80MHz) 802.11ax RU26 (UNII Band 7) - Ch. 151)



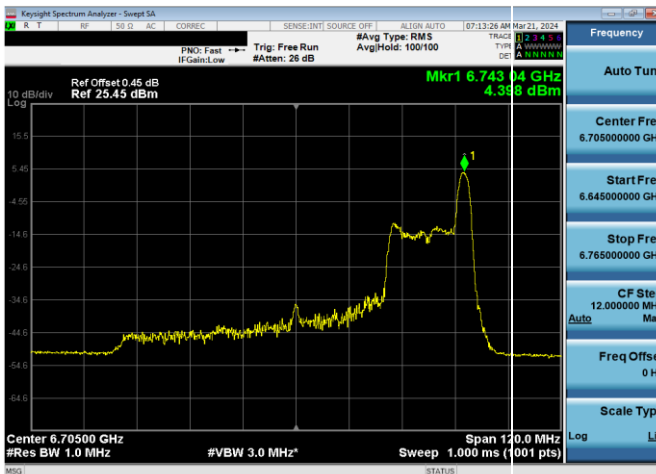
Plot 7-220. SP Power Spectral Density Plot Antenna WF5B (80MHz) 802.11ax RU996 (UNII Band 7) - Ch. 151)



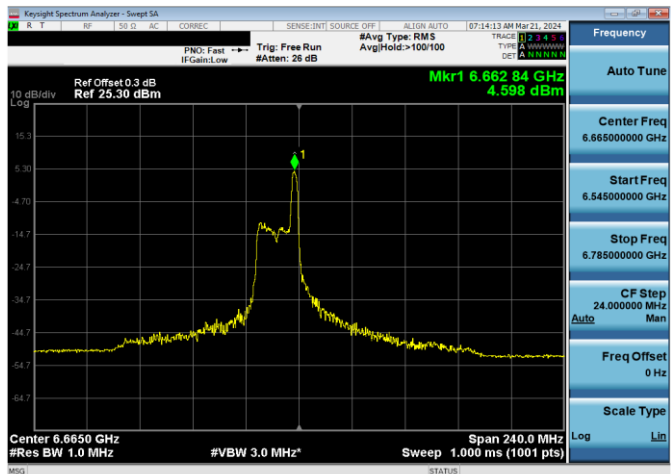
Plot 7-218. SP Power Spectral Density Plot Antenna WF5B (80MHz) 802.11ax RU26 (UNII Band 7) - Ch. 151)



Plot 7-221. SP Power Spectral Density Plot Antenna WF5B (160MHz) 802.11ax RU26 (UNII Band 7) - Ch. 143)

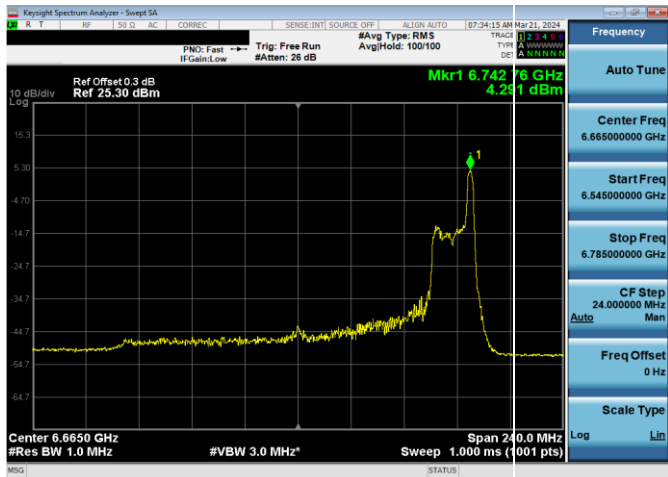


Plot 7-219. SP Power Spectral Density Plot Antenna WF5B (80MHz) 802.11ax RU26 (UNII Band 7) - Ch. 151)

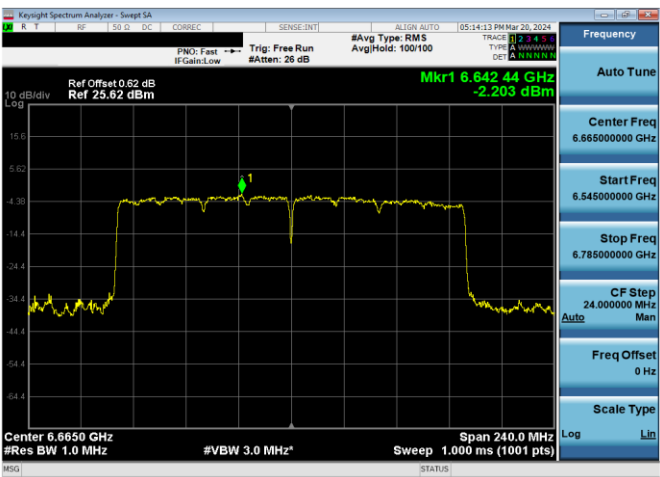


Plot 7-222. SP Power Spectral Density Plot Antenna WF5B (160MHz) 802.11ax RU26 (UNII Band 7) - Ch. 143)

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG			
Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device		Page 115 of 615



Plot 7-223. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-224. SP Power Spectral Density Plot Antenna WF5B (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device		Page 116 of 615

7.4.2 Antenna 4a SP 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)	5.87	2.30	8.17	17	-8.83
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.17	2.30	7.47	17	-9.53
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.22	2.30	7.52	17	-9.48
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.13	2.30	8.43	17	-8.58
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.20	2.30	7.50	17	-9.50
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.24	2.30	8.54	17	-8.46
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.66	2.30	7.96	17	-9.04
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	4.72	2.30	7.02	17	-9.98
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.72	2.30	8.02	17	-8.98
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.46	2.30	8.76	17	-8.24
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.37	2.30	8.67	17	-8.33
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.19	2.30	8.49	17	-8.51
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.60	2.30	7.90	17	-9.10
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.40	2.30	8.70	17	-8.30
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	5.60	2.30	7.90	17	-9.10
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.85	2.30	8.15	17	-8.85
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.36	2.30	8.66	17	-8.34
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.02	2.30	8.32	17	-8.68
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.46	2.30	8.76	17	-8.24
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.37	2.30	7.67	17	-9.33
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	5.41	2.30	7.71	17	-9.29
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.16	2.30	8.46	17	-8.54
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.66	2.30	6.96	17	-10.04
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	5.95	2.30	8.25	17	-8.75
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.53	2.30	7.83	17	-9.17
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.89	2.30	7.19	17	-9.81
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	6.08	2.30	8.38	17	-8.62
	6025	15	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.69	2.30	7.99	17	-9.01
	6025	15	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.10	2.30	7.40	17	-9.60
	6025	15	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.23	2.30	7.53	17	-9.47
	6181	47	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.35	2.30	7.65	17	-9.35
	6181	47	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.28	2.30	7.58	17	-9.42
	6181	47	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.58	2.30	7.88	17	-9.12
	6345	79	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.71	2.30	8.01	17	-8.99
	6345	79	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.88	2.30	8.18	17	-8.82
	6345	79	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.40	2.30	7.70	17	-9.30
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.15	2.10	8.25	17	-8.75
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.49	2.10	7.59	17	-9.41
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	6.34	2.10	8.44	17	-8.56
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.19	2.10	8.29	17	-8.71
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.39	2.10	7.49	17	-9.52
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.24	2.10	7.34	17	-9.66
	6875	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.67	2.10	7.77	17	-9.23
	6875	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.17	2.10	7.27	17	-9.73
	6875	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.43	2.10	7.53	17	-9.47
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	6.23	2.10	8.33	17	-8.67
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.86	2.10	8.96	17	-8.04
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	5.28	2.10	7.58	17	-9.42
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.98	2.10	8.08	17	-8.92
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.23	2.10	8.33	17	-8.67
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	6.04	2.10	8.14	17	-8.86
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.15	2.10	7.25	17	-9.75
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	6.33	2.10	8.43	17	-8.57
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	5.81	2.10	7.91	17	-9.09
	6545	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.91	2.10	8.01	17	-8.99
	6545	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.06	2.10	7.16	17	-9.84
	6545	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	5.87	2.10	7.97	17	-9.03
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	6.05	2.10	8.15	17	-8.85
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.10	2.10	7.20	17	-9.80
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	5.28	2.10	7.38	17	-9.62
	6865	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.54	2.10	7.64	17	-9.36
	6865	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.96	2.10	7.06	17	-9.94
	6865	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	5.23	2.10	7.33	17	-9.67
	6665	143	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.95	2.10	8.05	17	-8.95
	6665	143	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.81	2.10	7.91	17	-9.09
	6665	143	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.85	2.10	7.95	17	-9.05

Table 7-133. SP Power Spectral Density Measurements Antenna 4a (RU26)

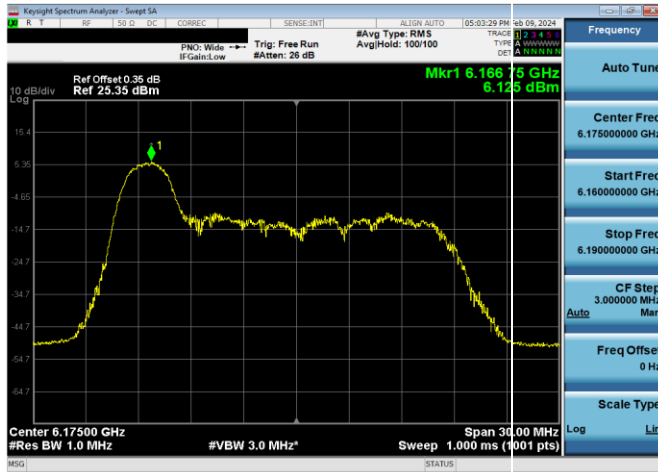
FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 117 of 615

	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)	6.54	2.30	8.84	17	-8.16
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.64	2.30	8.94	17	-8.06
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.61	2.30	8.91	17	-8.09
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.46	2.30	6.76	17	-10.24
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.73	2.30	6.03	17	-10.97
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.00	2.30	6.30	17	-10.70
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.48	2.30	3.78	17	-13.22
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.19	2.30	3.49	17	-13.51
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.07	2.30	3.37	17	-13.63
	6025	15	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-1.95	2.30	0.35	17	-16.65
Band 7	6181	47	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-1.67	2.30	0.63	17	-16.37
	6345	79	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-2.00	2.30	0.30	17	-16.70
	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.66	2.10	8.76	17	-8.24
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.56	2.10	8.66	17	-8.34
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.02	2.10	8.12	17	-8.88
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.47	2.10	6.57	17	-10.43
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.42	2.10	6.52	17	-10.48
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.97	2.10	6.07	17	-10.93
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.85	2.10	2.95	17	-14.05
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.44	2.10	3.54	17	-13.46
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.72	2.10	2.82	17	-14.19
	6665	143	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-1.63	2.10	0.47	17	-16.53

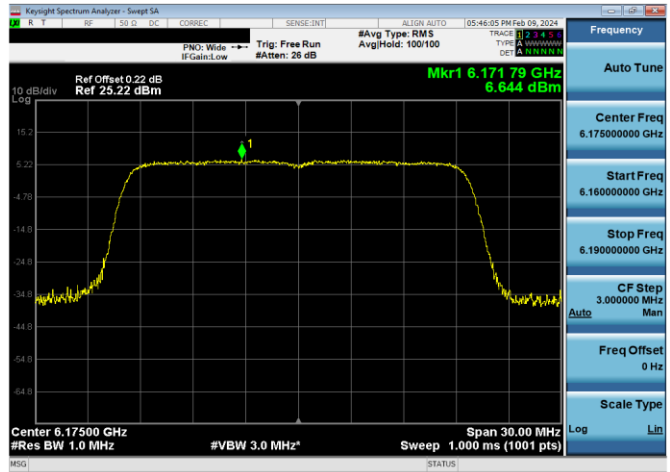
Table 7-134. SP Power Spectral Density Measurements Antenna 4a (Fully loaded RU)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 118 of 615

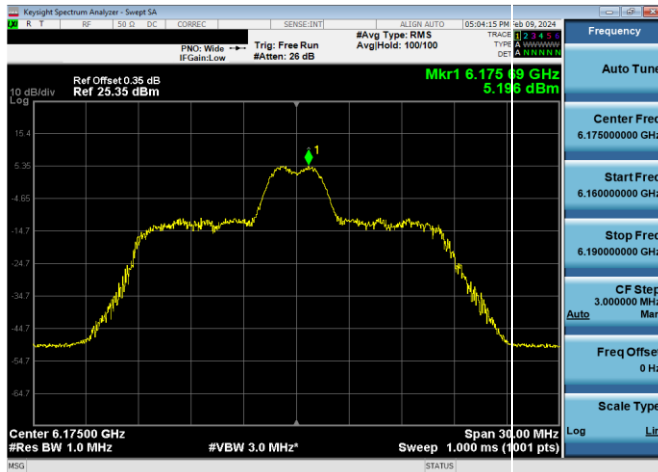
V 10.5 12/15/2021



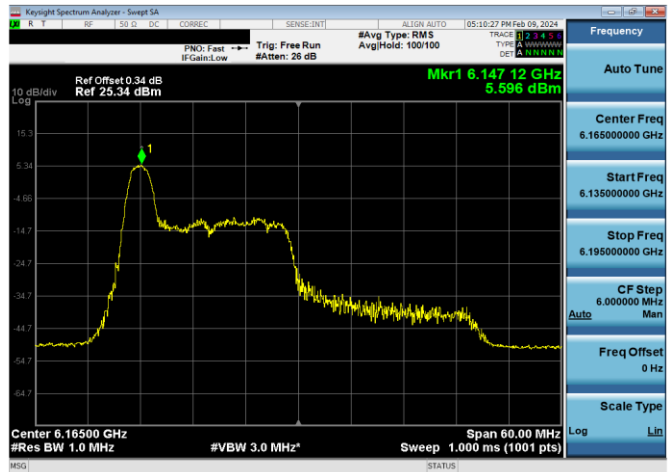
Plot 7-225. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



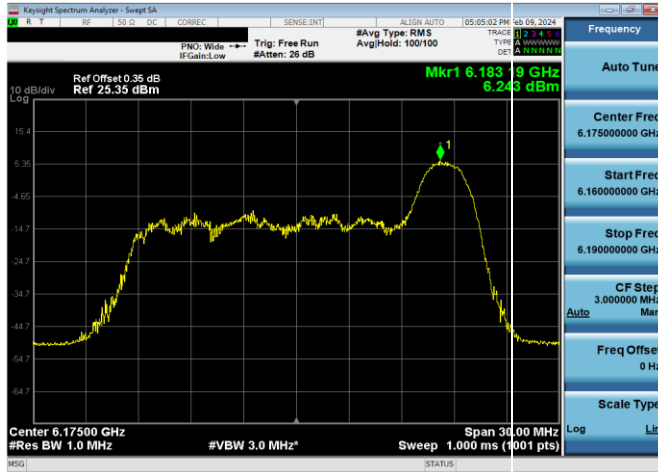
Plot 7-228. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



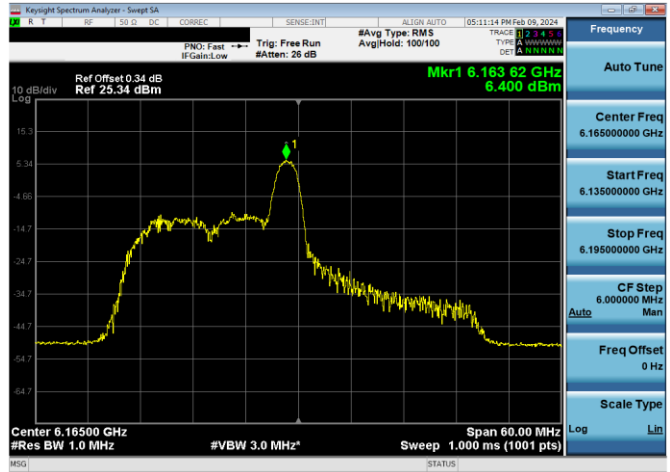
Plot 7-226. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-229. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

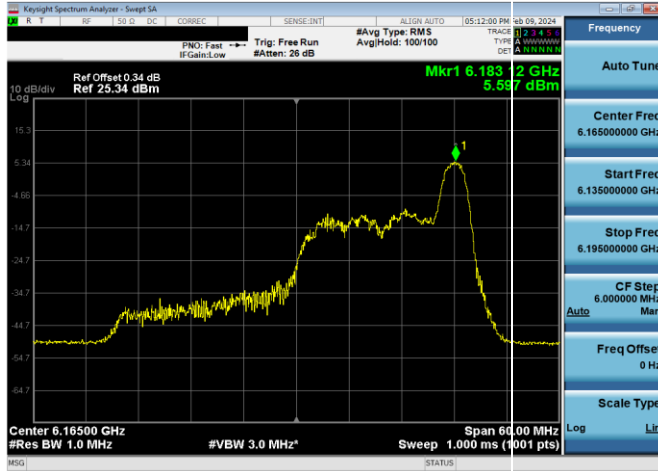


Plot 7-227. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

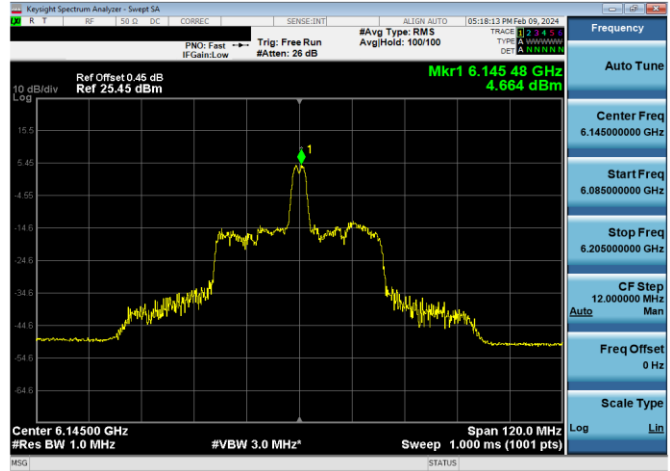


Plot 7-230. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

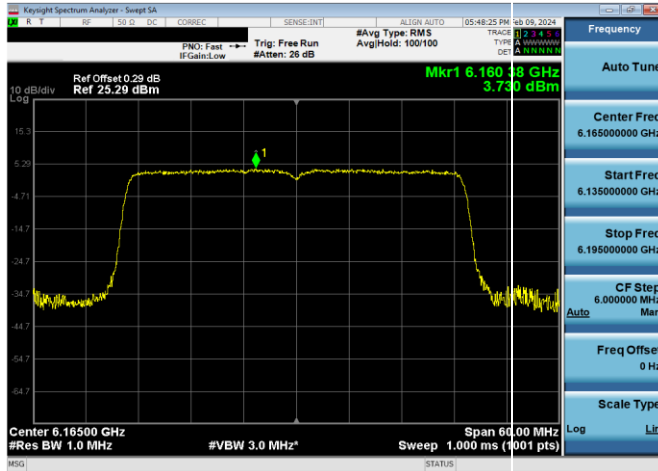
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 119 of 615



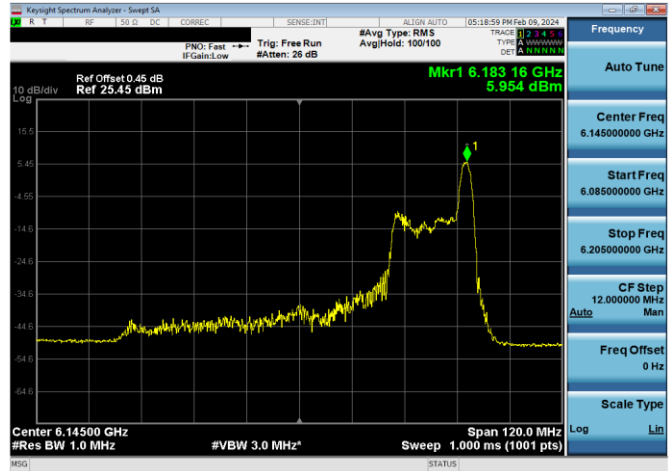
Plot 7-231. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 5) - Ch. 43)



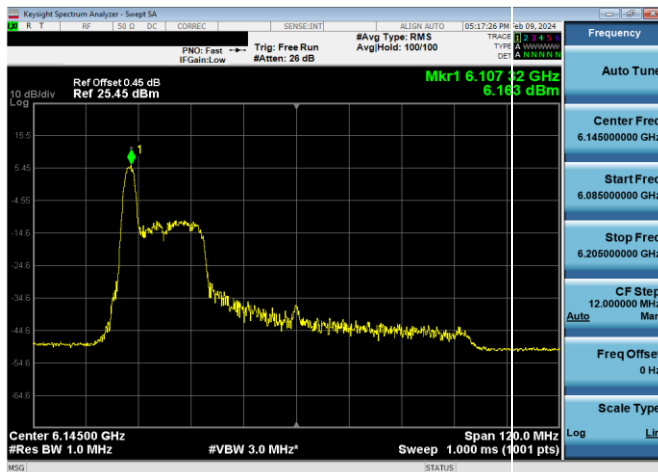
Plot 7-234. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) - Ch. 39)



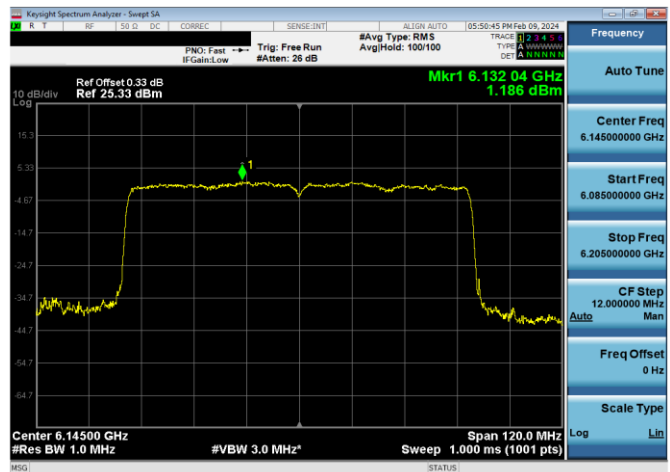
Plot 7-232. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 5) - Ch. 43)



Plot 7-235. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) - Ch. 39)

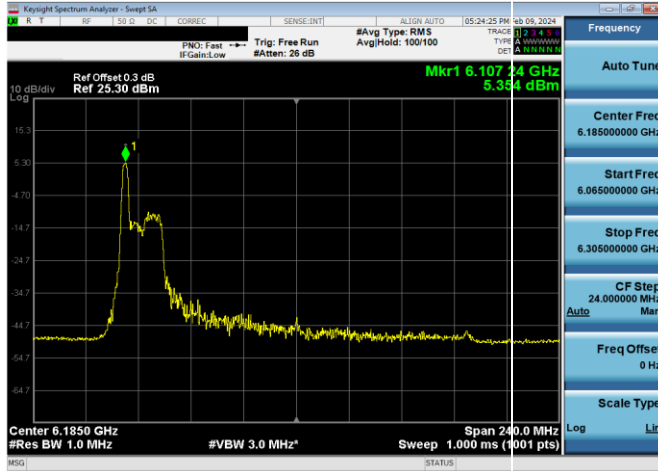


Plot 7-233. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 5) - Ch. 39)

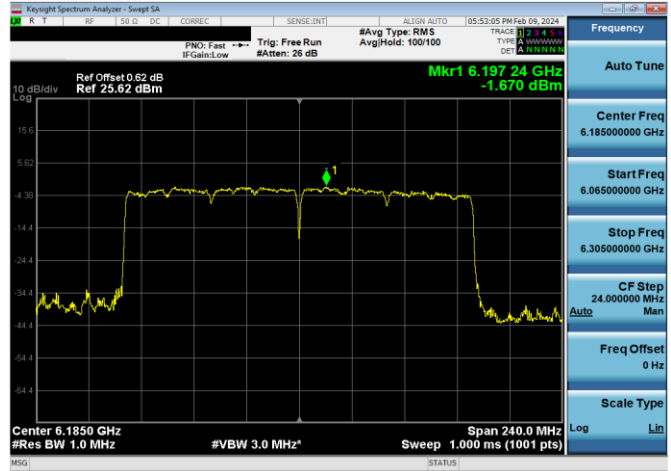


Plot 7-236. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 5) - Ch. 39)

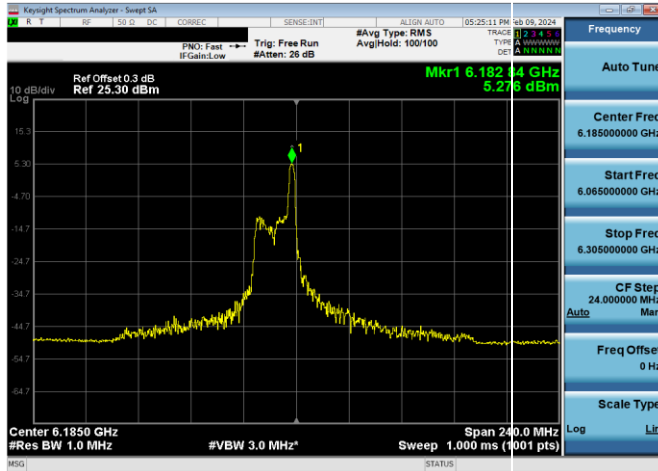
FCC ID: BCGA2837 IC: 579C-A2837	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	Page 120 of 615
	EUT Type: Tablet Device	



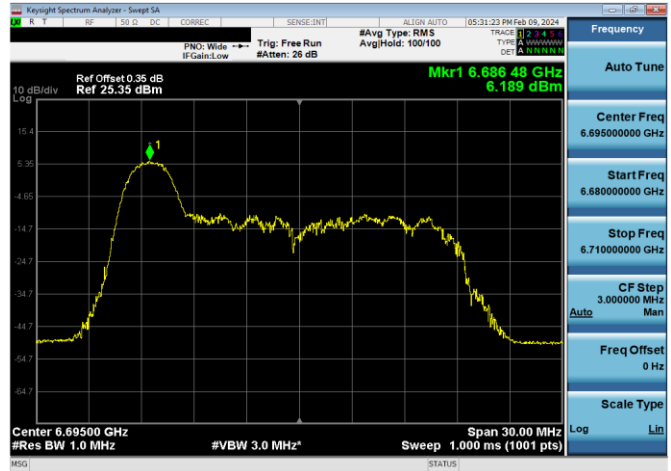
Plot 7-237. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



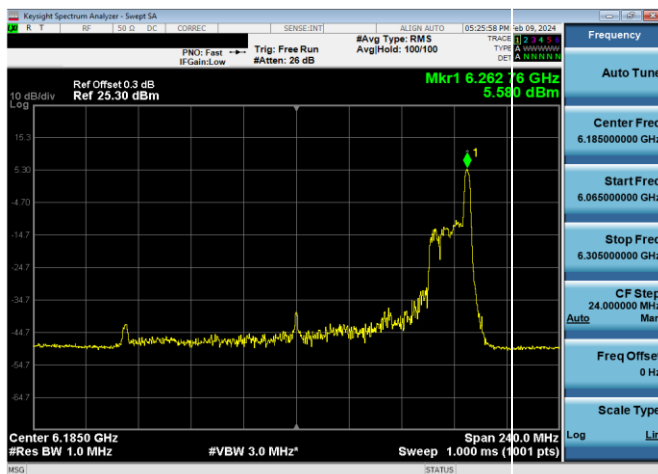
Plot 7-240. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



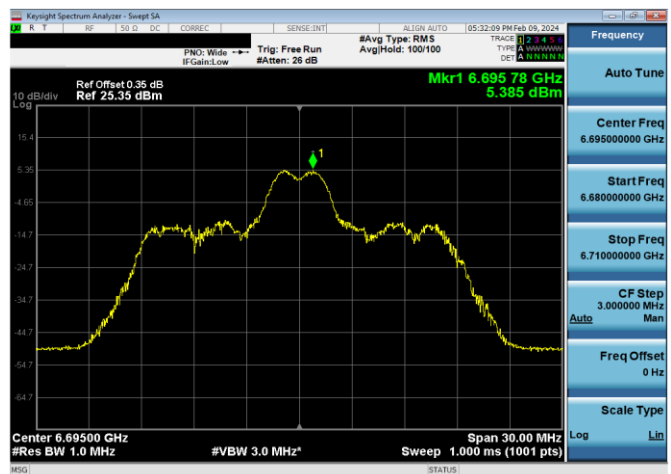
Plot 7-238. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-241. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

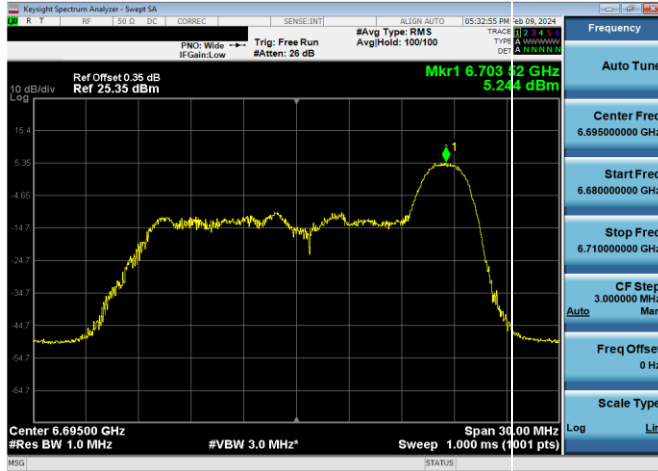


Plot 7-239. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

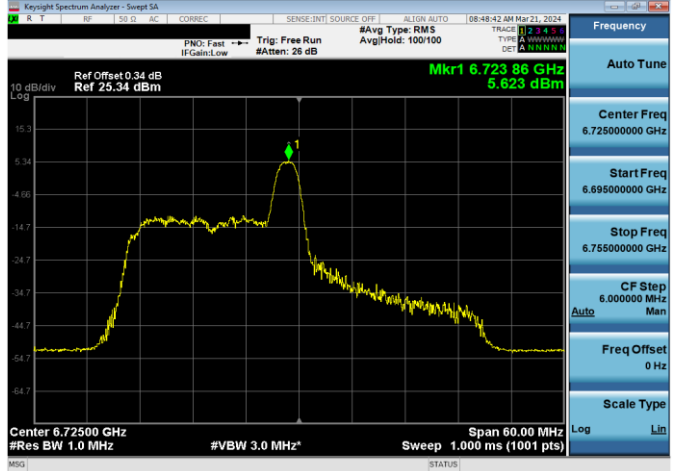


Plot 7-242. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

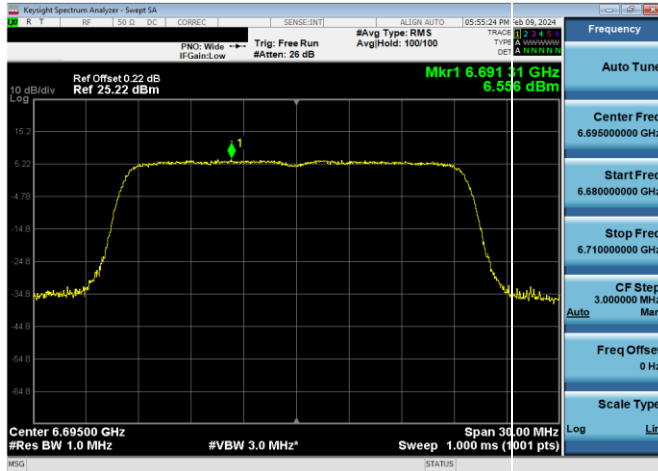
FCC ID: BCGA2837 IC: 579C-A2837	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	Page 121 of 615
	EUT Type: Tablet Device	



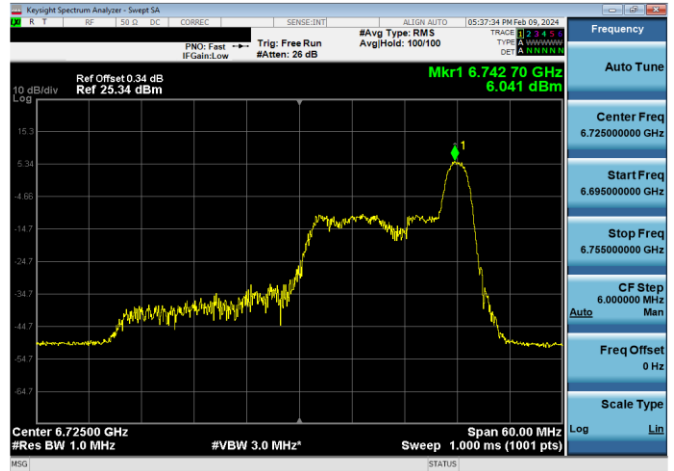
Plot 7-243. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 149)



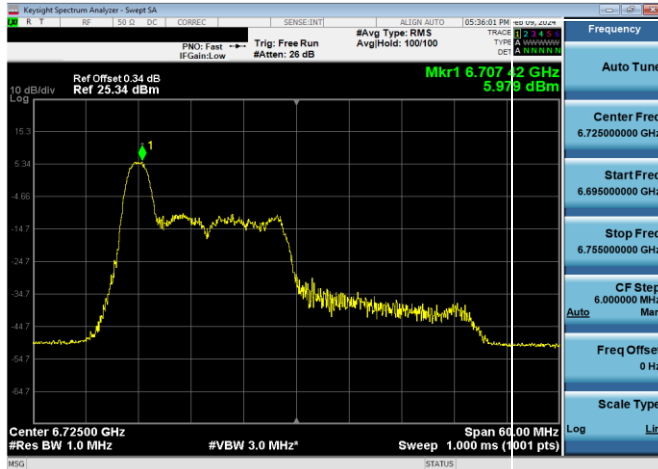
Plot 7-246. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)



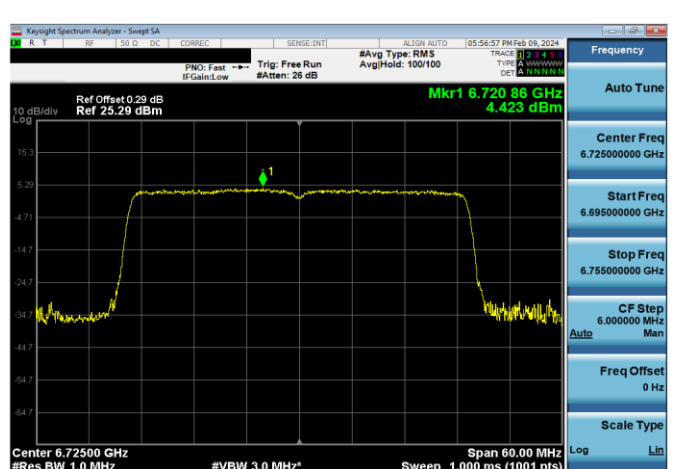
Plot 7-244. SP Power Spectral Density Plot Antenna 4a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



Plot 7-247. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)

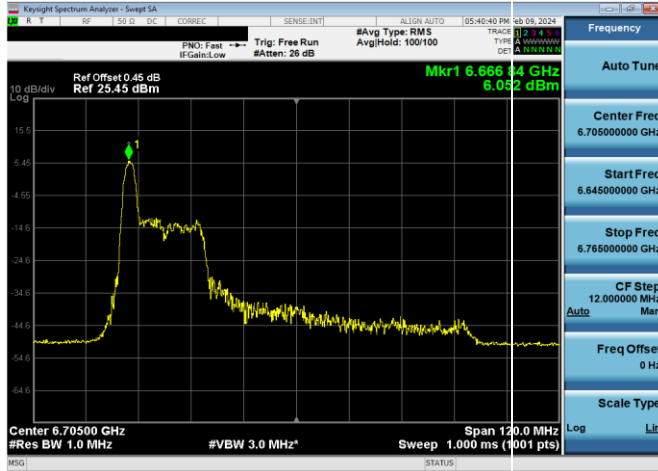


Plot 7-245. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)

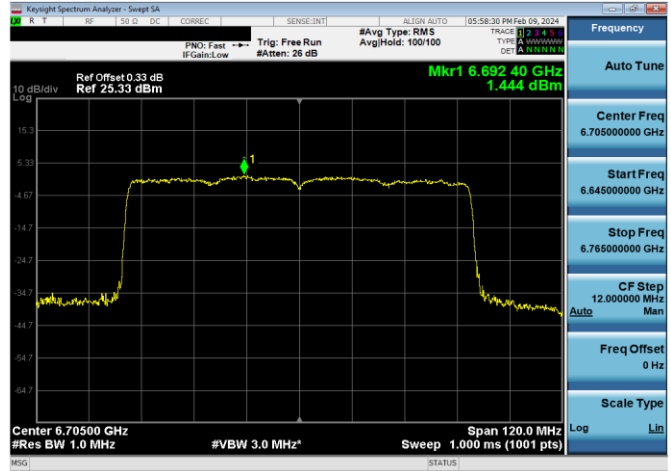


Plot 7-248. SP Power Spectral Density Plot Antenna 4a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 155)

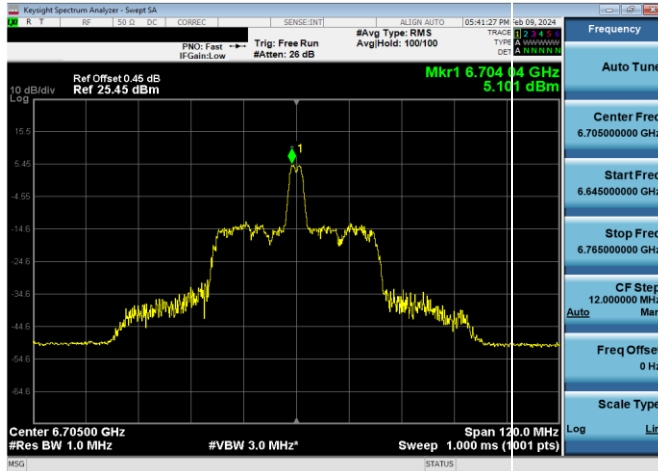
FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 122 of 615



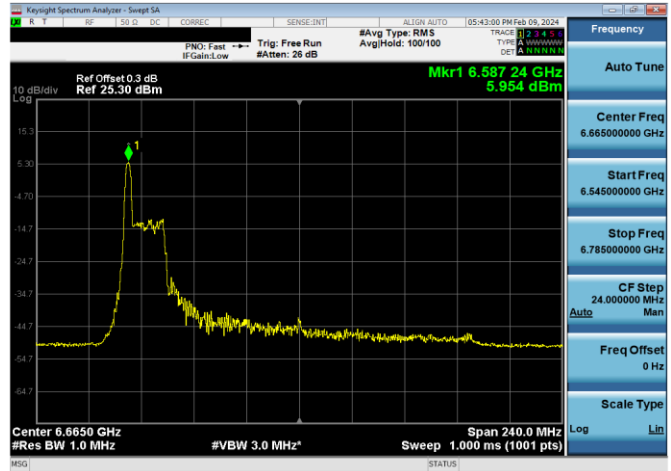
Plot 7-249. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 151)



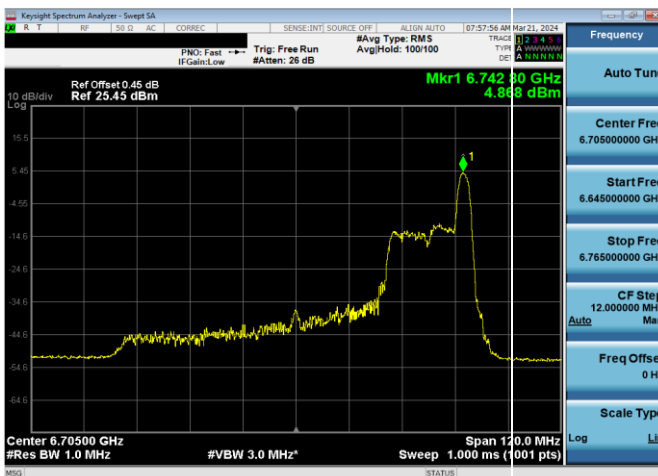
Plot 7-252. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 151)



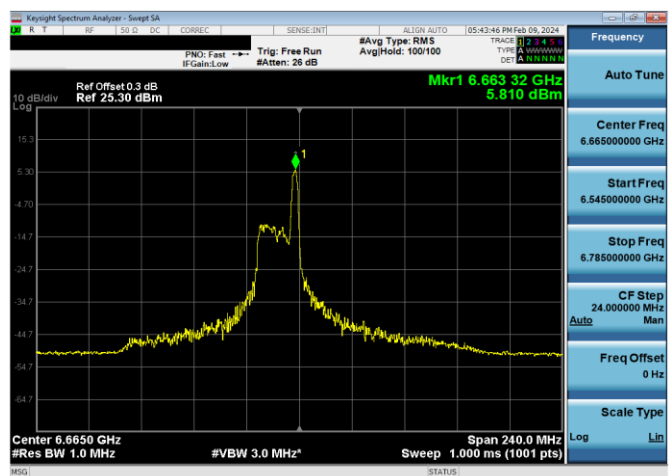
Plot 7-250. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 151)



Plot 7-253. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 143)

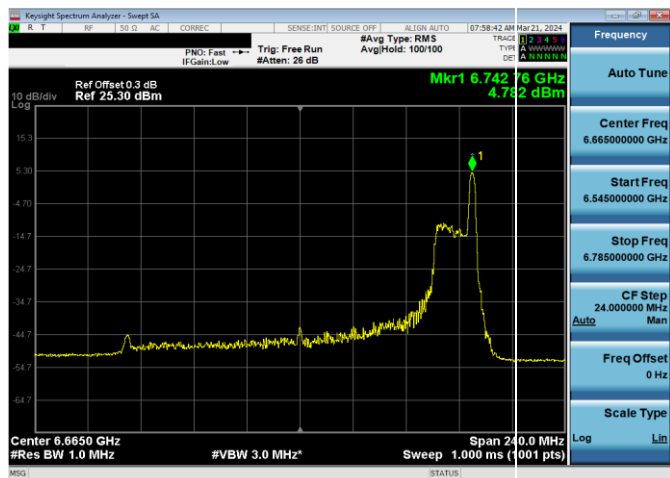


Plot 7-251. SP Power Spectral Density Plot Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 151)

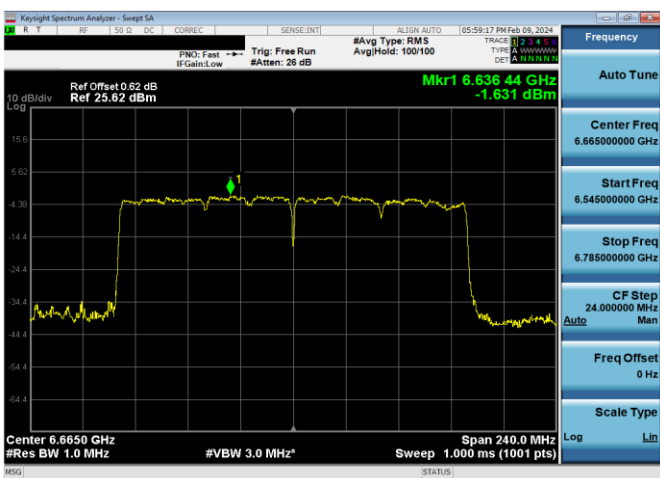


Plot 7-254. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 143)

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG			
Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device		Page 123 of 615



Plot 7-255. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 143)



Plot 7-256. SP Power Spectral Density Plot Antenna 4a (160MHz 802.11ax RU996x2 (UNII Band 7) - Ch. 143)

FCC ID: BCGA2837 IC: 579C-A2837		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 124 of 615	

7.4.3 Antenna 2a SP 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)	5.08	-0.90	4.18	17	-12.82
	5955	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	4.45	-0.90	3.55	17	-13.46
	5955	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	4.88	-0.90	3.98	17	-13.02
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.16	-0.90	4.26	17	-12.74
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	4.74	-0.90	3.84	17	-13.16
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.24	-0.90	4.34	17	-12.66
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.59	-0.90	4.69	17	-12.31
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	4.92	-0.90	4.02	17	-12.98
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.82	-0.90	4.92	17	-12.08
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.26	-0.90	4.36	17	-12.64
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	5.47	-0.90	4.57	17	-12.43
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	5.03	-0.90	4.13	17	-12.88
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.01	-0.90	4.11	17	-12.89
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	5.67	-0.90	4.77	17	-12.24
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	4.91	-0.90	4.01	17	-12.99
	6165	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.31	-0.90	4.41	17	-12.59
	6165	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	5.89	-0.90	4.99	17	-12.01
	6165	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	5.43	-0.90	4.53	17	-12.47
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.55	-0.90	4.65	17	-12.35
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.01	-0.90	3.11	17	-13.89
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	5.29	-0.90	4.39	17	-12.61
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	4.72	-0.90	3.82	17	-13.18
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.25	-0.90	3.35	17	-13.65
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	5.37	-0.90	4.47	17	-12.54
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.55	-0.90	4.65	17	-12.35
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.61	-0.90	3.71	17	-13.29
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	4.88	-0.90	3.98	17	-13.02
	6025	15	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.34	-0.90	4.44	17	-12.56
	6025	15	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.16	-0.90	4.26	17	-12.74
	6025	15	ax (160MHz)	26	36	12.5/14.7 (MCS11)	4.93	-0.90	4.03	17	-12.97
	6181	47	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.06	-0.90	4.16	17	-12.84
	6181	47	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.31	-0.90	4.41	17	-12.59
	6181	47	ax (160MHz)	26	36	12.5/14.7 (MCS11)	4.88	-0.90	3.98	17	-13.02
	6345	79	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.62	-0.90	4.72	17	-12.29
	6345	79	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.21	-0.90	4.31	17	-12.69
	6345	79	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.45	-0.90	4.55	17	-12.45
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.60	1.00	6.60	17	-10.40
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	4.88	1.00	5.88	17	-11.12
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.47	1.00	6.47	17	-10.53
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	5.70	1.00	6.70	17	-10.30
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	5.26	1.00	6.26	17	-10.74
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	5.47	1.00	6.47	17	-10.53
	6875	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	4.92	1.00	5.92	17	-11.08
	6875	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	4.18	1.00	5.18	17	-11.82
	6875	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	4.47	1.00	5.47	17	-11.53
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.02	1.00	6.02	17	-10.98
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	5.53	1.00	6.53	17	-10.47
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	5.31	1.00	6.31	17	-10.69
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.28	1.00	6.28	17	-10.72
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	5.02	1.00	6.02	17	-10.98
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	4.86	1.00	5.86	17	-11.14
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	5.18	1.00	6.18	17	-10.82
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	5.94	1.00	6.94	17	-10.06
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	4.92	1.00	5.92	17	-11.08
	6545	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	3.73	1.00	4.73	17	-12.27
	6545	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	3.37	1.00	4.37	17	-12.63
	6545	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	4.15	1.00	5.15	17	-11.85
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.51	1.00	6.51	17	-10.49
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.17	1.00	5.17	17	-11.83
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	4.91	1.00	5.91	17	-11.10
	6865	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	5.01	1.00	6.01	17	-10.99
	6865	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	4.13	1.00	5.13	17	-11.87
	6865	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	4.46	1.00	5.46	17	-11.54
	6665	143	ax (160MHz)	26	0	12.5/14.7 (MCS11)	5.45	1.00	6.45	17	-10.55
	6665	143	ax (160MHz)	26	18	12.5/14.7 (MCS11)	5.04	1.00	6.04	17	-10.96
	6665	143	ax (160MHz)	26	36	12.5/14.7 (MCS11)	5.03	1.00	6.03	17	-10.97

Table 7-135. SP Power Spectral Density Measurements Antenna 2a (RU26)

FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 125 of 615

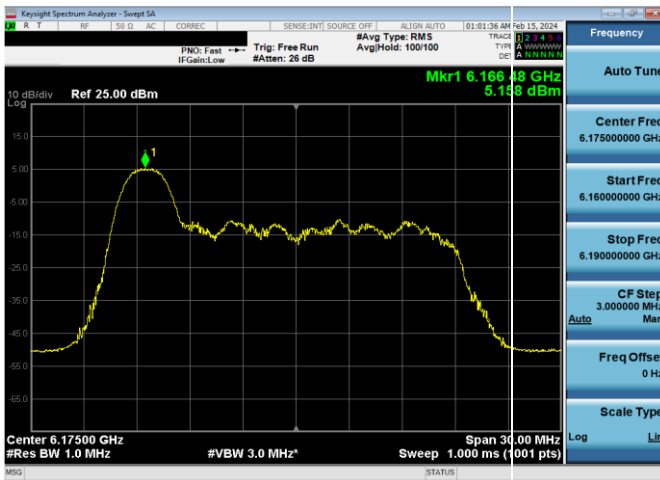
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.98	-0.90	5.08	17	-11.93
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.81	-0.90	4.91	17	-12.09
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.38	-0.90	5.48	17	-11.52
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.08	-0.90	2.18	17	-14.82
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.13	-0.90	2.23	17	-14.77
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.46	-0.90	2.56	17	-14.44
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.29	-0.90	-0.61	17	-17.61
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.13	-0.90	-0.77	17	-17.77
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.46	-0.90	-0.44	17	-17.44
	6025	15	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-2.94	-0.90	-3.84	17	-20.84
Band 7	6181	47	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-2.82	-0.90	-3.72	17	-20.72
	6345	79	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-3.06	-0.90	-3.96	17	-20.96
	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.80	1.00	6.80	17	-10.20
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.91	1.00	6.91	17	-10.09
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	4.85	1.00	5.85	17	-11.15
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.19	1.00	4.19	17	-12.81
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.43	1.00	4.43	17	-12.57
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.40	1.00	4.40	17	-12.61
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	-0.73	1.00	0.27	17	-16.73
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.10	1.00	1.10	17	-15.90
	6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.17	1.00	1.17	17	-15.84
	6665	143	ax (160MHz)	996	68	1020.8/1201 (MCS11)	-2.90	1.00	-1.90	17	-18.90

Table 7-136. SP Power Spectral Density Measurements Antenna 2a (Fully loaded RU)

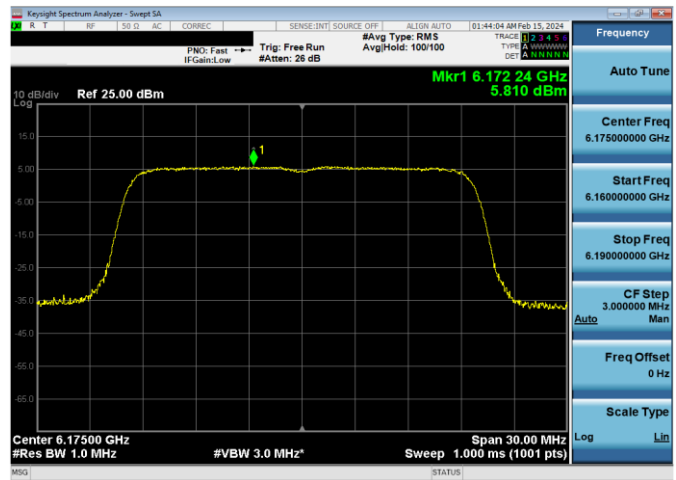
FCC ID: BCGA2837 IC: 579C-A2837	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 126 of 615

V 10.5 12/15/2021

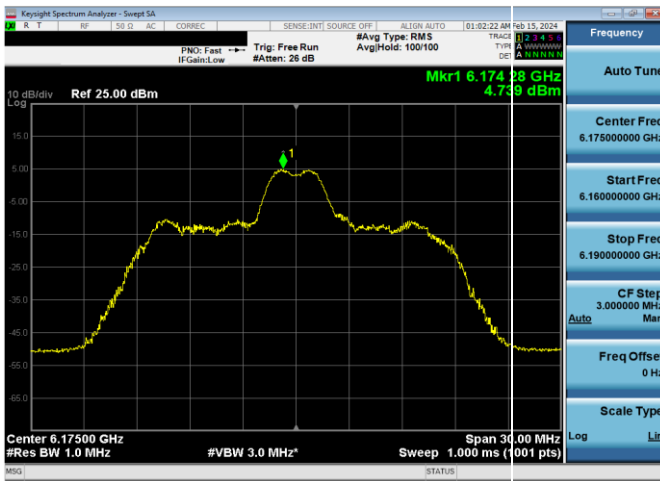
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



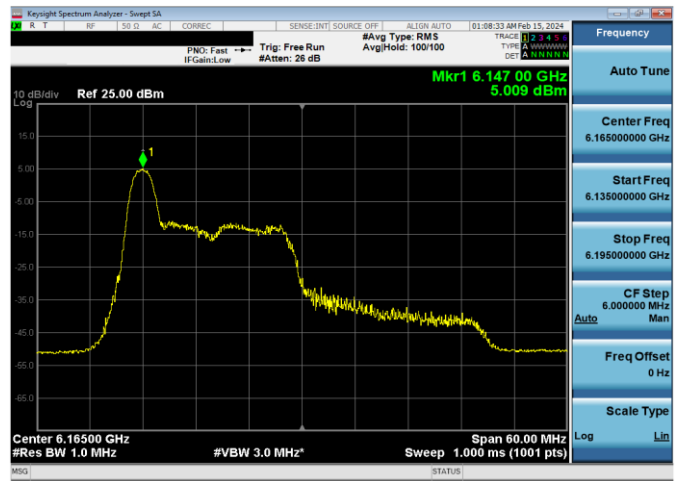
Plot 7-257. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



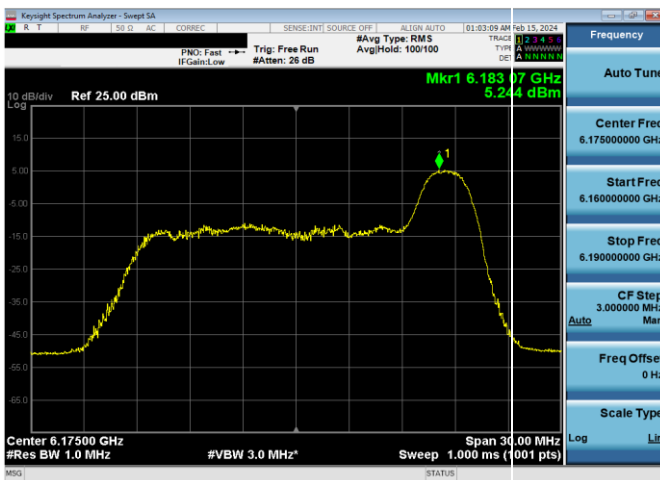
Plot 7-260. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



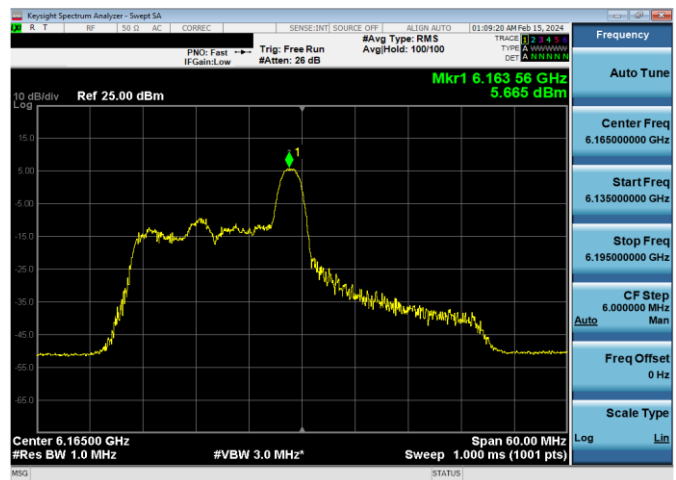
Plot 7-258. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-261. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

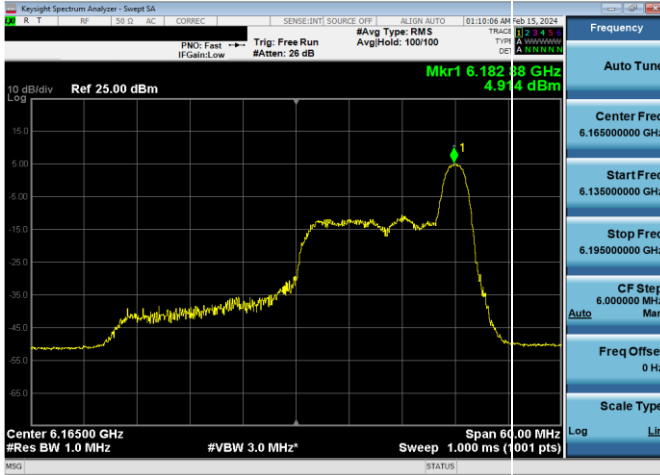


Plot 7-259. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

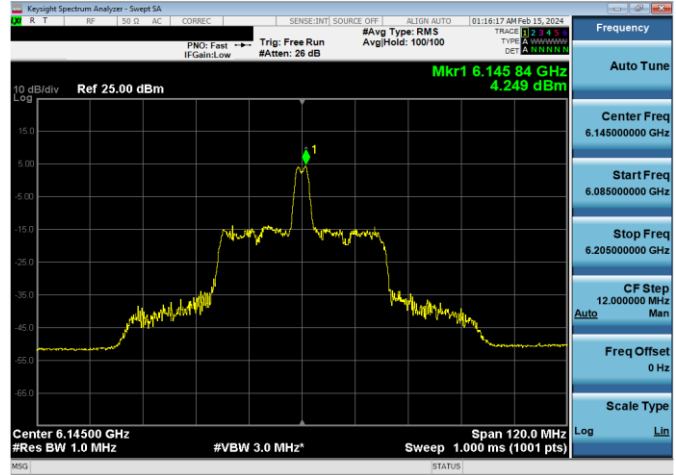


Plot 7-262. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

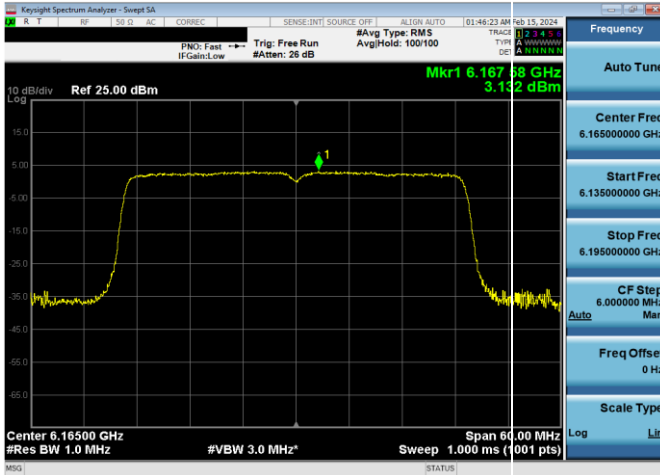
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 127 of 615



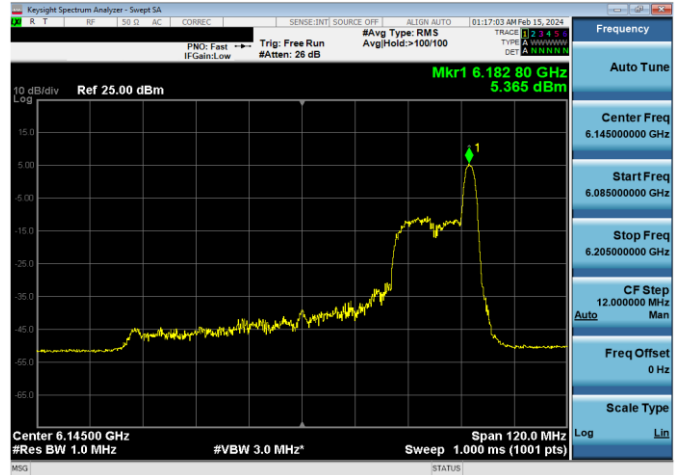
Plot 7-263. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



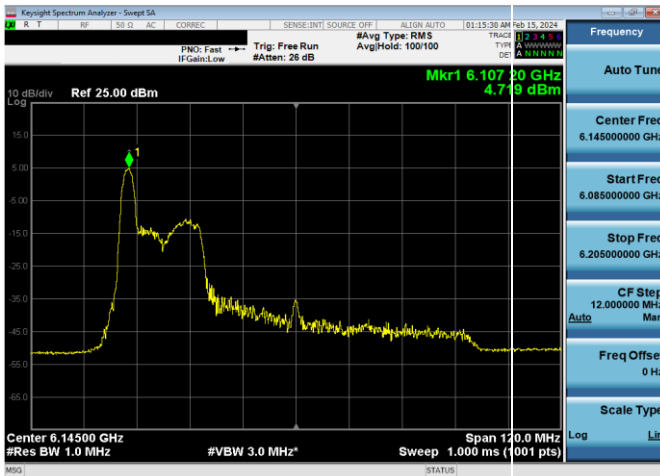
Plot 7-266. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



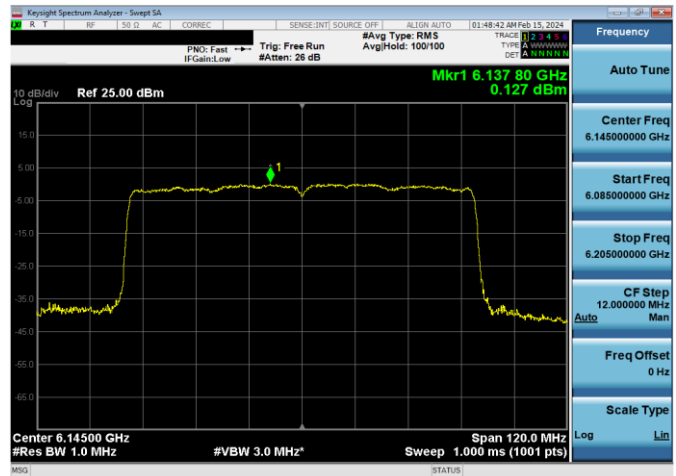
Plot 7-264. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-267. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

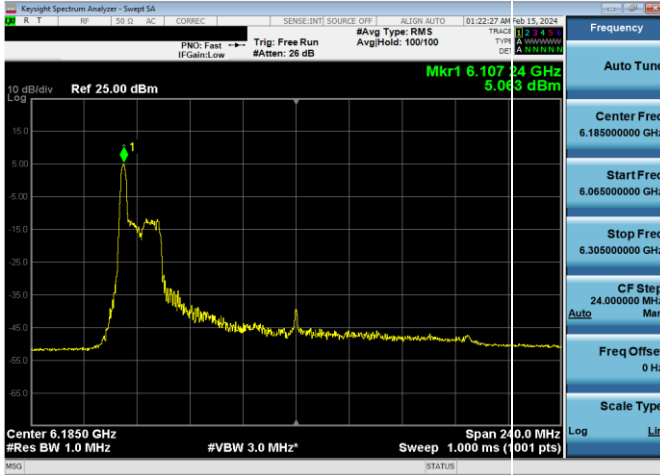


Plot 7-265. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

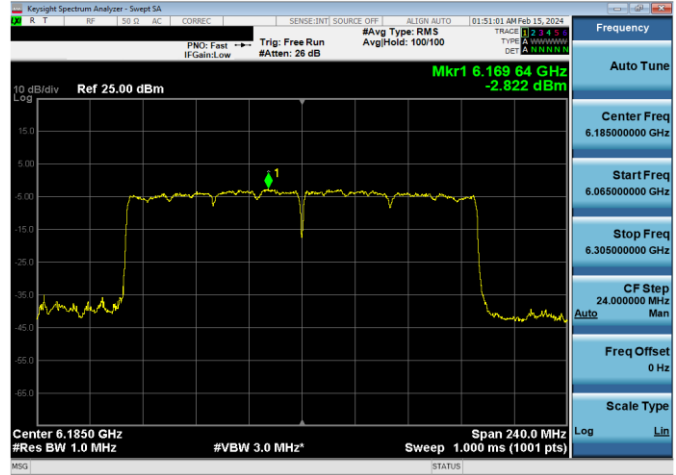


Plot 7-268. SP Power Spectral Density Plot Antenna 2a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

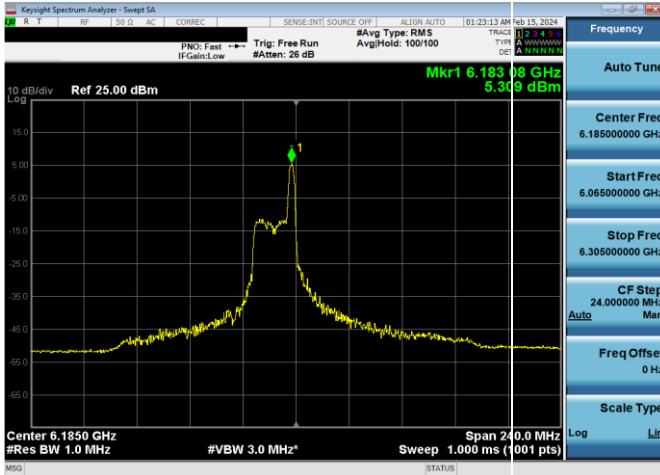
FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 128 of 615



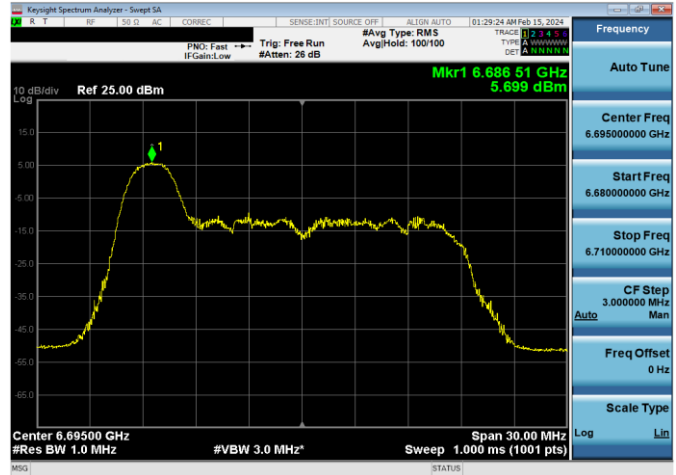
Plot 7-269. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU26 (UNII Band 5) - Ch. 47)



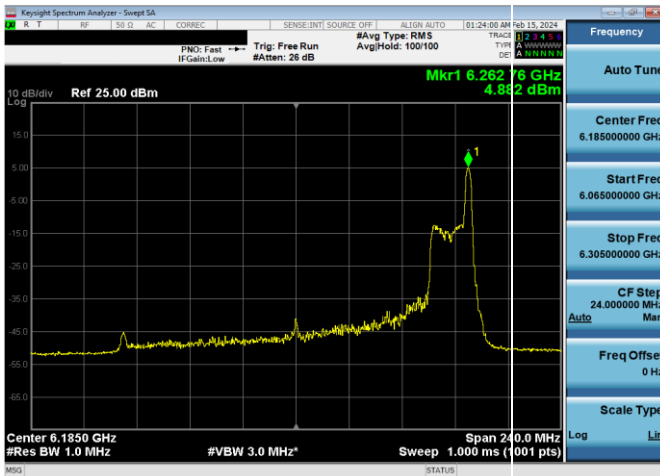
Plot 7-272. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU996x2 (UNII Band 5) - Ch. 47)



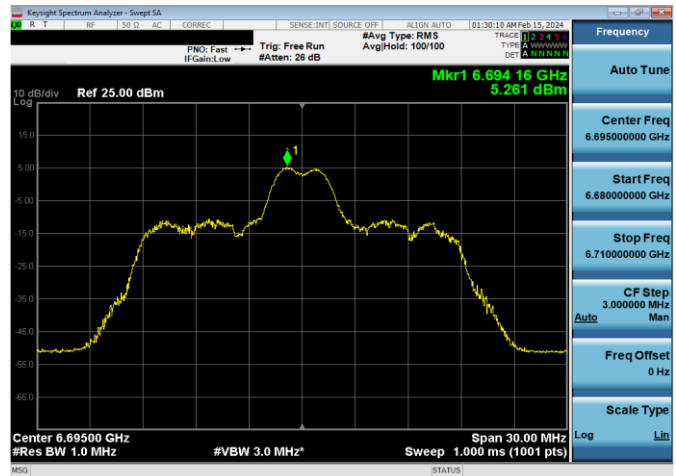
Plot 7-270. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU26 (UNII Band 5) - Ch. 47)



Plot 7-273. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 149)

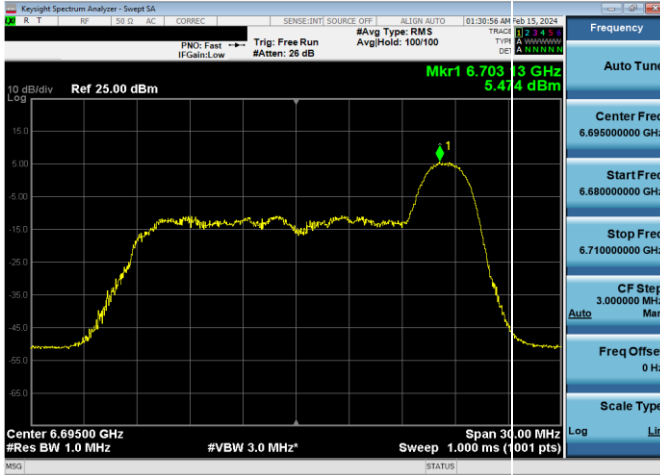


Plot 7-271. SP Power Spectral Density Plot Antenna 2a (160MHz 802.11ax RU26 (UNII Band 5) - Ch. 47)

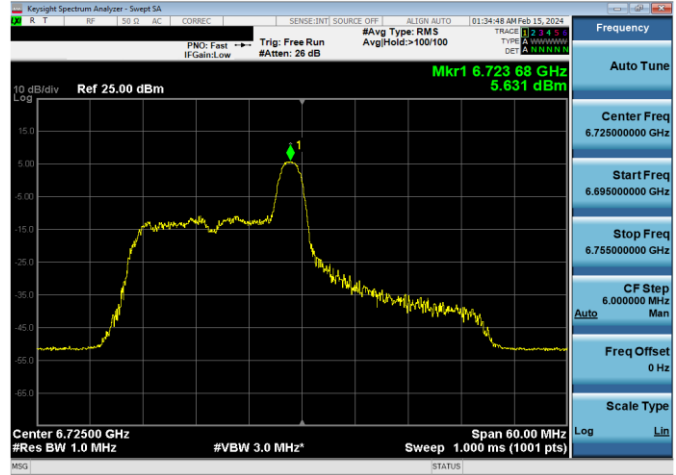


Plot 7-274. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 149)

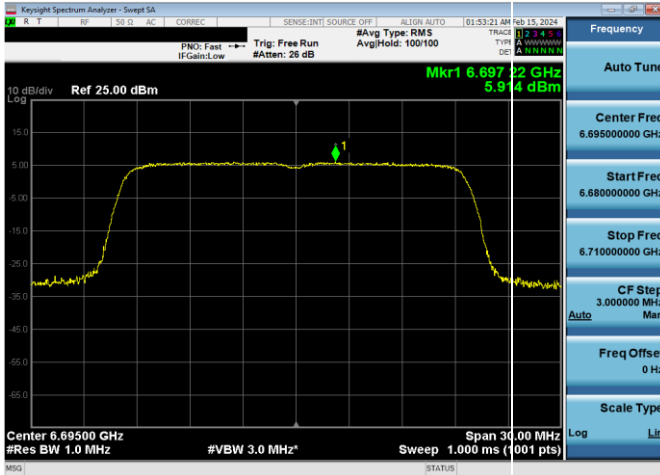
FCC ID: BCGA2837 IC: 579C-A2837	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	Page 129 of 615
	EUT Type: Tablet Device	



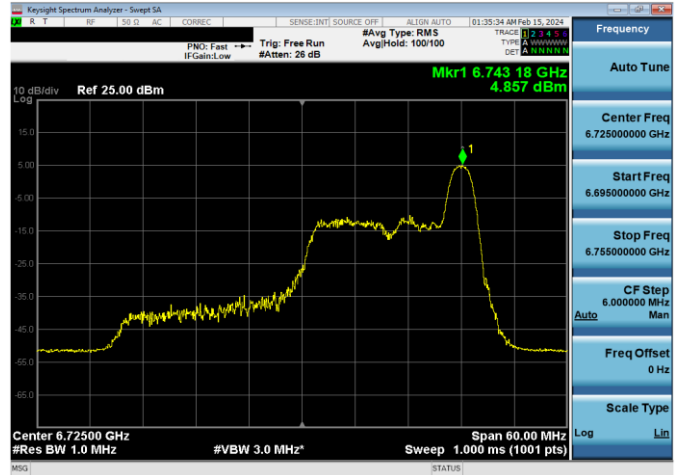
Plot 7-275. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 149)



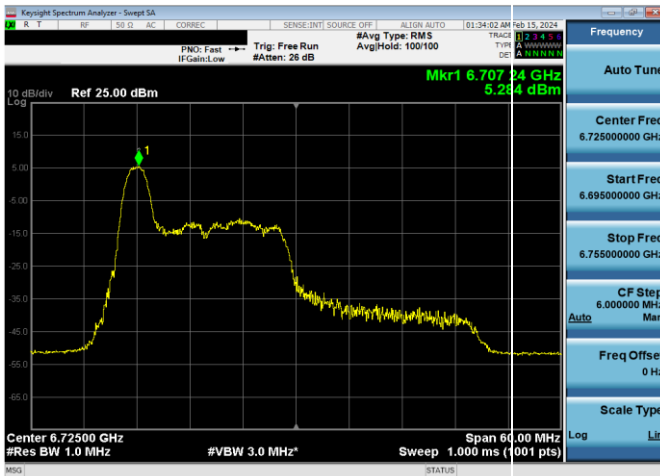
Plot 7-278. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)



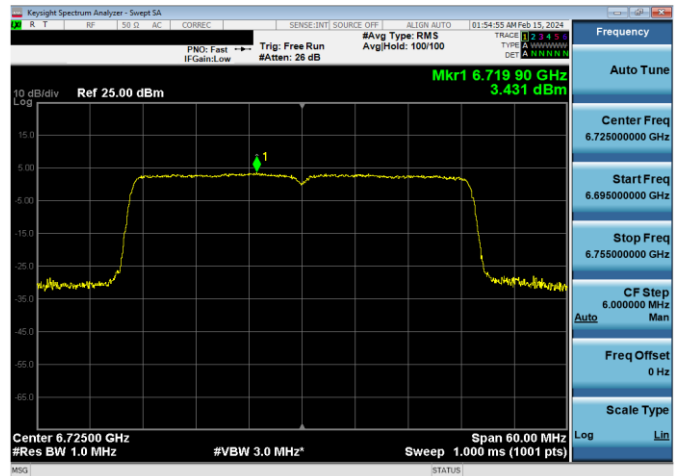
Plot 7-276. SP Power Spectral Density Plot Antenna 2a (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



Plot 7-279. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)



Plot 7-277. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)



Plot 7-280. SP Power Spectral Density Plot Antenna 2a (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 155)

FCC ID: BCGA2837 IC: 579C-A2837	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270068-25-R1.BCG	Test Dates: 11/28/2023 - 04/04/2024	EUT Type: Tablet Device	Page 130 of 615