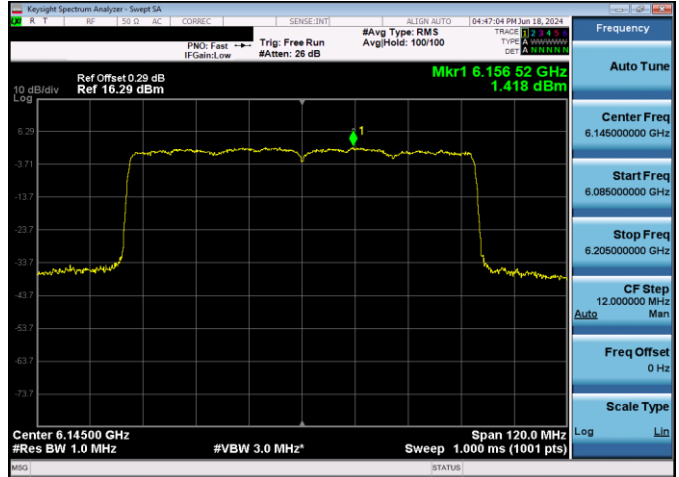
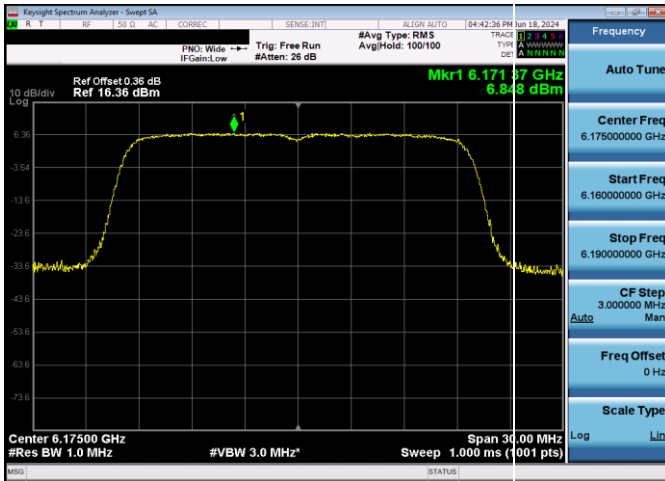




Plot 7-181. Power Spectral Density Plot Antenna 3b SP (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



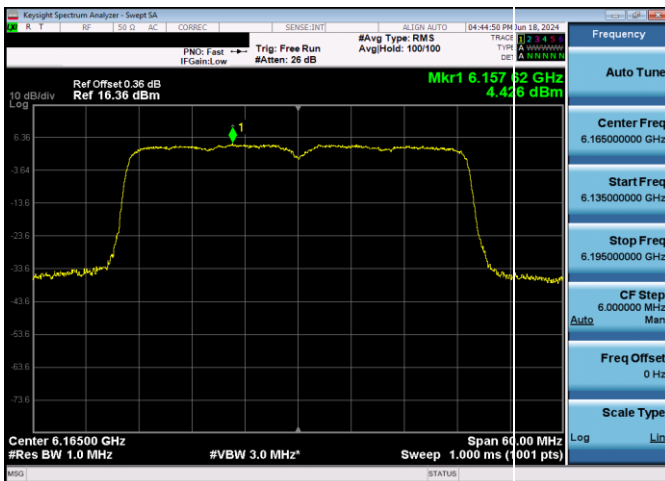
Plot 7-184. Power Spectral Density Plot Antenna 3b SP (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



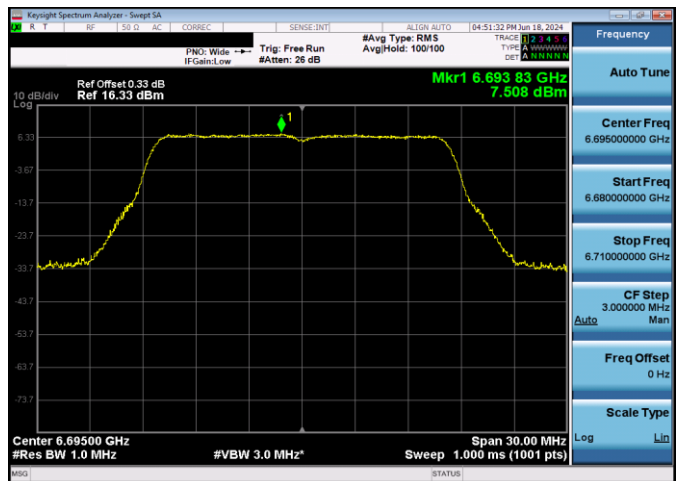
Plot 7-182. Power Spectral Density Plot Antenna 3b SP (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-185. Power Spectral Density Plot Antenna 3b SP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

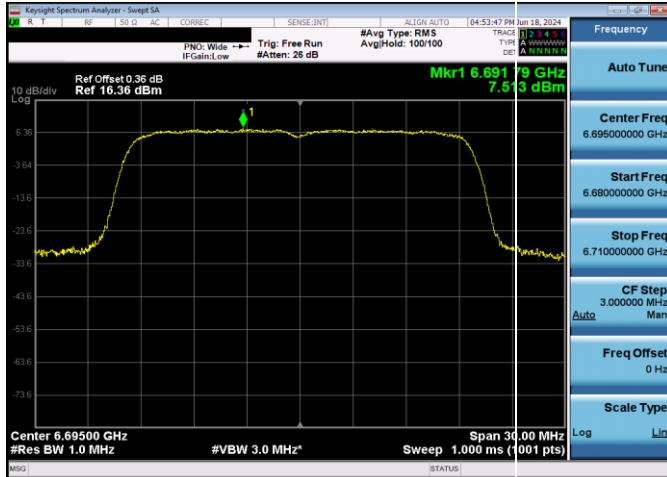


Plot 7-183. Power Spectral Density Plot Antenna 3b SP (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

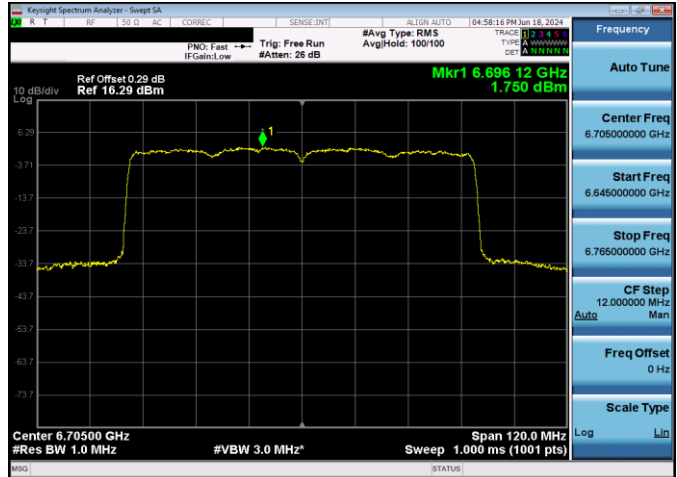


Plot 7-186. Power Spectral Density Plot Antenna 3b SP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 91 of 317



Plot 7-187. Power Spectral Density Plot Antenna 3b SP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-189. Power Spectral Density Plot Antenna 3b SP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)

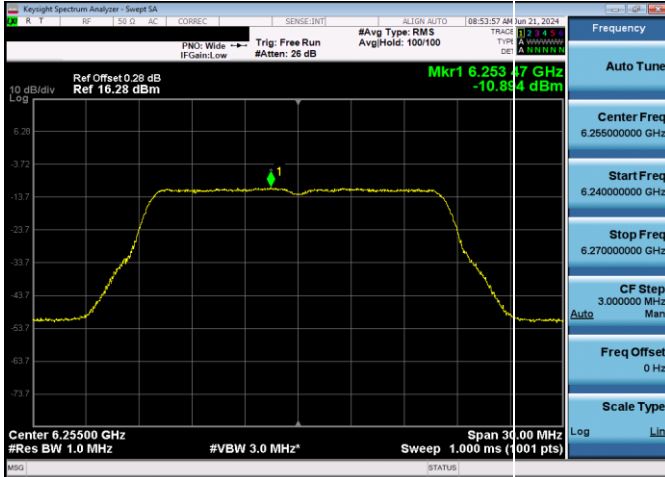


Plot 7-188. Power Spectral Density Plot Antenna 3b SP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)

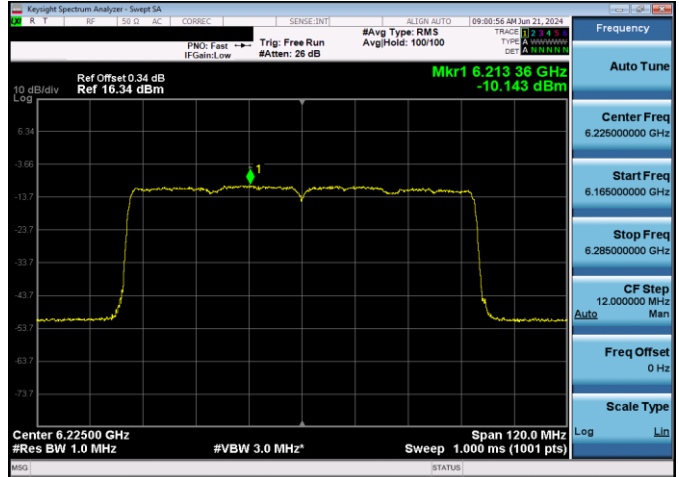


Plot 7-190. Power Spectral Density Plot Antenna 3b SP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

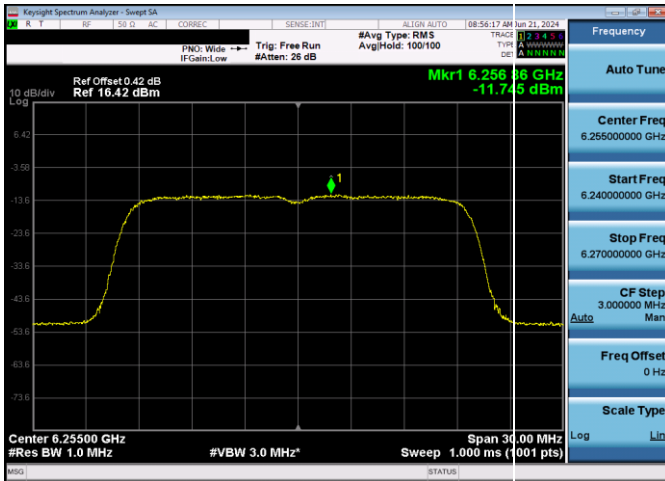
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 92 of 317



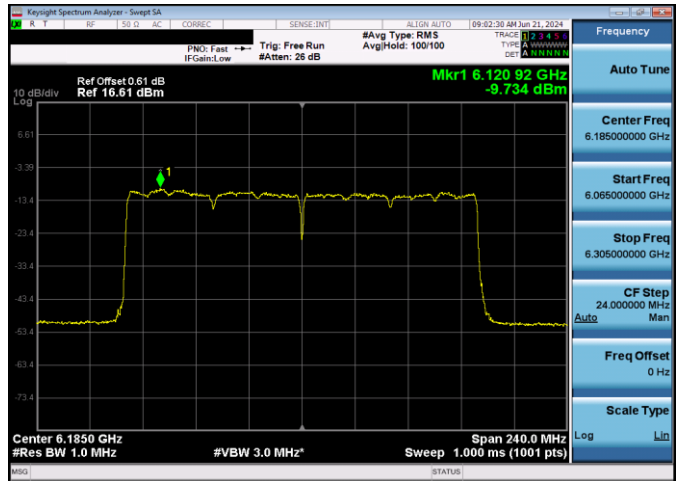
Plot 7-191. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11a (UNII Band 5) – Ch. 61, 54Mbps)



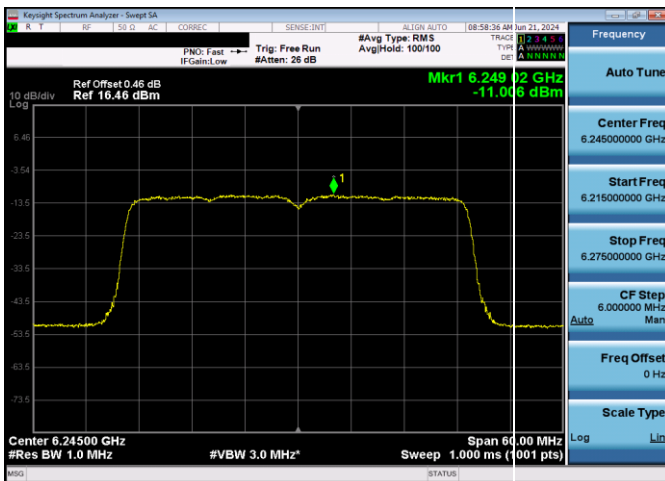
Plot 7-194. Power Spectral Density Plot Antenna 5T VLP (80MHz 802.11ax (UNII Band 5) – Ch. 55, MCS11)



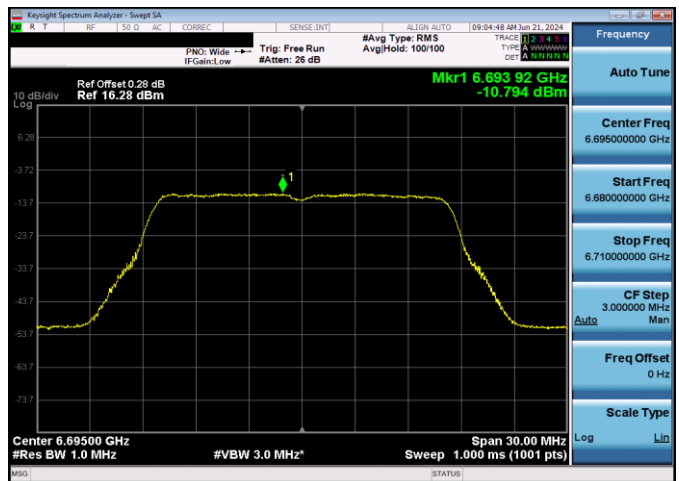
Plot 7-192. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11ax (UNII Band 5) – Ch. 61, MCS11)



Plot 7-195. Power Spectral Density Plot Antenna 5T VLP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

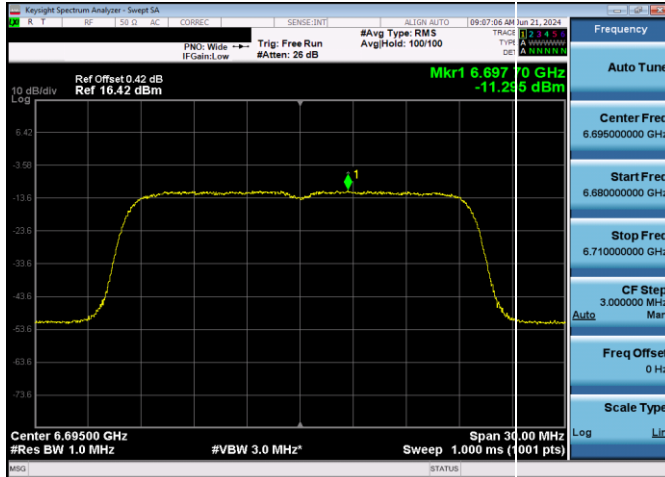


Plot 7-193. Power Spectral Density Plot Antenna 5T VLP (40MHz 802.11ax (UNII Band 5) – Ch. 59, MCS11)

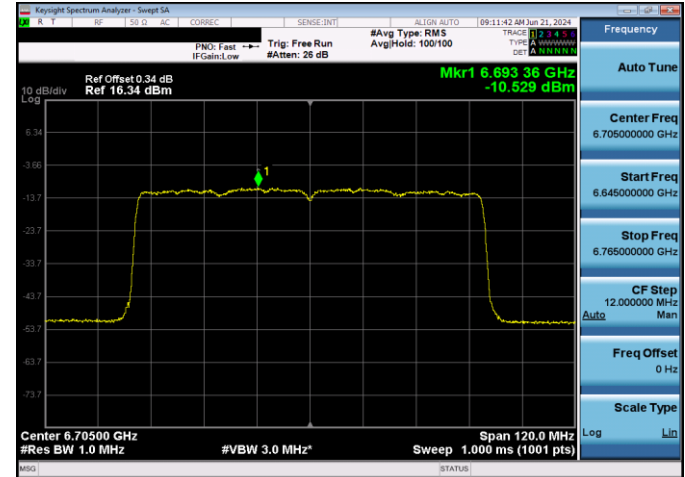


Plot 7-196. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

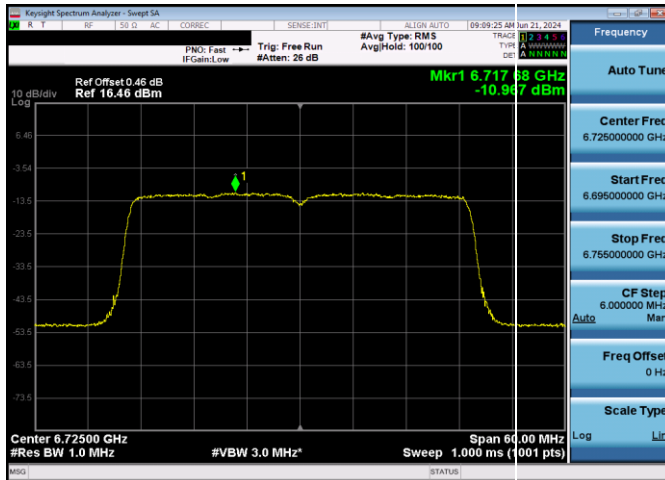
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 93 of 317



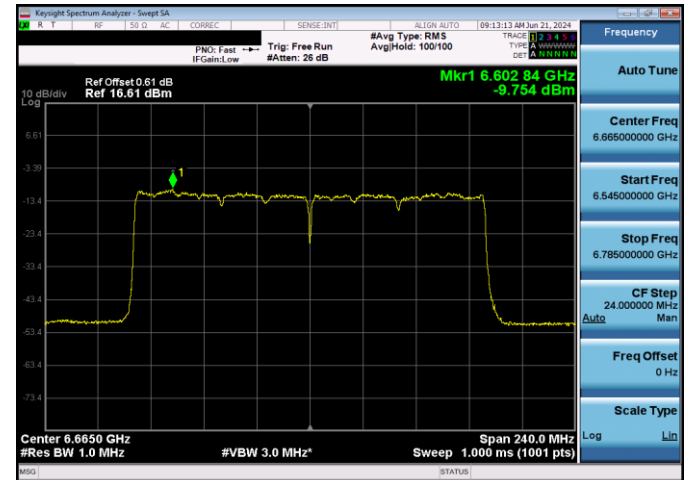
Plot 7-197. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-199. Power Spectral Density Plot Antenna 5T VLP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-198. Power Spectral Density Plot Antenna 5T VLP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-200. Power Spectral Density Plot Antenna 5T VLP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 94 of 317

7.4.3 Antenna 1b Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	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	a	54	-6.04	0.80	-5.24	-1	-4.24
	6175	45	a	54	-4.47	0.80	-3.67	-1	-2.67
	6415	93	a	54	-5.38	0.80	-4.58	-1	-3.58
	5955	1	ax (20MHz)	135/143.4 (MCS11)	-6.25	0.80	-5.45	-1	-4.45
	6175	45	ax (20MHz)	135/143.4 (MCS11)	-4.68	0.80	-3.88	-1	-2.88
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-5.48	0.80	-4.68	-1	-3.68
	5965	3	ax (40MHz)	271/286.8 (MCS11)	-6.65	0.80	-5.85	-1	-4.85
	6165	43	ax (40MHz)	271/286.8 (MCS11)	-5.54	0.80	-4.74	-1	-3.74
	6405	91	ax (40MHz)	271/286.8 (MCS11)	-5.49	0.80	-4.69	-1	-3.69
	5985	7	ax (80MHz)	567/600.5 (MCS11)	-5.99	0.80	-5.19	-1	-4.19
	6145	39	ax (80MHz)	567/600.5 (MCS11)	-5.49	0.80	-4.69	-1	-3.69
	6385	87	ax (80MHz)	567/600.5 (MCS11)	-5.30	0.80	-4.50	-1	-3.50
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-5.91	0.80	-5.11	-1	-4.11
6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-5.27	0.80	-4.47	-1	-3.47	
6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-5.25	0.80	-4.45	-1	-3.45	
Band 6	6435	97	a	54	-5.45	1.50	-3.95	-1	-2.95
	6475	105	a	54	-5.33	1.50	-3.83	-1	-2.83
	6515	113	a	54	-5.16	1.50	-3.66	-1	-2.66
	6435	97	ax (20MHz)	135/143.4 (MCS11)	-6.04	1.50	-4.54	-1	-3.54
	6475	105	ax (20MHz)	135/143.4 (MCS11)	-5.82	1.50	-4.32	-1	-3.32
	6515	113	ax (20MHz)	135/143.4 (MCS11)	-5.56	1.50	-4.06	-1	-3.06
	6445	99	ax (40MHz)	271/286.8 (MCS11)	-5.97	1.50	-4.47	-1	-3.47
	6485	107	ax (40MHz)	271/286.8 (MCS11)	-5.88	1.50	-4.38	-1	-3.38
	6525	115	ax (40MHz)	271/286.8 (MCS11)	-5.69	1.50	-4.19	-1	-3.19
	6465	103	ax (80MHz)	567/600.5 (MCS11)	-5.81	1.50	-4.31	-1	-3.31
Band 7	6505	111	ax (160MHz)	1020.8/1201 (MCS11)	-5.99	1.50	-4.49	-1	-3.49
	6535	117	a	54	-5.54	0.50	-5.04	-1	-4.04
	6695	149	a	54	-5.29	0.50	-4.79	-1	-3.79
	6875	185	a	54	-5.38	0.50	-4.88	-1	-3.88
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-6.45	0.50	-5.95	-1	-4.95
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-5.98	0.50	-5.48	-1	-4.48
	6875	185	ax (20MHz)	135/143.4 (MCS11)	-6.09	0.50	-5.59	-1	-4.59
	6565	123	ax (40MHz)	271/286.8 (MCS11)	-6.04	0.50	-5.54	-1	-4.54
	6725	155	ax (40MHz)	271/286.8 (MCS11)	-5.47	0.50	-4.97	-1	-3.97
	6845	179	ax (40MHz)	271/286.8 (MCS11)	-5.68	0.50	-5.18	-1	-4.18
	6545	119	ax (80MHz)	567/600.5 (MCS11)	-5.70	0.50	-5.20	-1	-4.20
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-5.77	0.50	-5.27	-1	-4.27
	6865	183	ax (80MHz)	567/600.5 (MCS11)	-5.48	0.50	-4.98	-1	-3.98
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-5.49	0.50	-4.99	-1	-3.99
6825	175	ax (160MHz)	1020.8/1201 (MCS11)	-4.87	0.50	-4.37	-1	-3.37	
Band 8	6895	189	a	54	-5.64	-0.40	-6.04	-1	-5.04
	6995	209	a	54	-5.74	-0.40	-6.14	-1	-5.14
	7115	233	a	54	-5.37	-0.40	-5.77	-1	-4.77
	6895	189	ax (20MHz)	135/143.4 (MCS11)	-5.90	-0.40	-6.30	-1	-5.30
	6995	209	ax (20MHz)	135/143.4 (MCS11)	-6.11	-0.40	-6.51	-1	-5.51
	7115	233	ax (20MHz)	135/143.4 (MCS11)	-6.01	-0.40	-6.41	-1	-5.41
	6885	187	ax (40MHz)	271/286.8 (MCS11)	-6.14	-0.40	-6.54	-1	-5.54
	7005	211	ax (40MHz)	271/286.8 (MCS11)	-6.08	-0.40	-6.48	-1	-5.48
	7085	227	ax (40MHz)	271/286.8 (MCS11)	-5.87	-0.40	-6.27	-1	-5.27
	6945	199	ax (80MHz)	567/600.5 (MCS11)	-5.54	-0.40	-5.94	-1	-4.94
	7025	215	ax (80MHz)	567/600.5 (MCS11)	-5.58	-0.40	-5.98	-1	-4.98
	6985	207	ax (160MHz)	1020.8/1201 (MCS11)	-4.84	-0.40	-5.24	-1	-4.24

Table 7-77. Power Spectral Density Measurements Antenna 1b LPI

FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 95 of 317

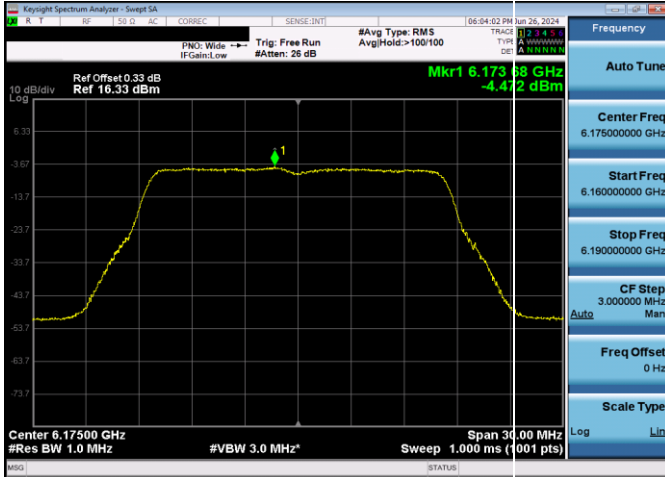
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54	7.24	0.80	8.04	17	-8.96
	6175	45	a	54	7.39	0.80	8.19	17	-8.81
	6415	93	a	54	7.43	0.80	8.23	17	-8.77
	5955	1	ax (20MHz)	135/143.4 (MCS11)	6.71	0.80	7.51	17	-9.49
	6175	45	ax (20MHz)	135/143.4 (MCS11)	7.03	0.80	7.83	17	-9.18
	6415	93	ax (20MHz)	135/143.4 (MCS11)	6.93	0.80	7.73	17	-9.27
	5965	3	ax (40MHz)	271/286.8 (MCS11)	3.75	0.80	4.55	17	-12.45
	6165	43	ax (40MHz)	271/286.8 (MCS11)	4.52	0.80	5.32	17	-11.68
	6405	91	ax (40MHz)	271/286.8 (MCS11)	4.18	0.80	4.98	17	-12.02
	5985	7	ax (80MHz)	567/600.5 (MCS11)	0.94	0.80	1.74	17	-15.26
	6145	39	ax (80MHz)	567/600.5 (MCS11)	1.40	0.80	2.20	17	-14.80
	6385	87	ax (80MHz)	567/600.5 (MCS11)	1.36	0.80	2.16	17	-14.84
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-1.12	0.80	-0.32	17	-17.32
	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-0.90	0.80	-0.10	17	-17.10
6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-0.98	0.80	-0.18	17	-17.18	
Band 7	6535	117	a	54	7.81	0.50	8.31	17	-8.69
	6695	149	a	54	8.00	0.50	8.50	17	-8.50
	6855	181	a	54	7.81	0.50	8.31	17	-8.69
	6535	117	ax (20MHz)	135/143.4 (MCS11)	6.98	0.50	7.48	17	-9.52
	6695	149	ax (20MHz)	135/143.4 (MCS11)	7.31	0.50	7.81	17	-9.19
	6855	181	ax (20MHz)	135/143.4 (MCS11)	7.37	0.50	7.87	17	-9.13
	6565	123	ax (40MHz)	271/286.8 (MCS11)	3.81	0.50	4.31	17	-12.69
	6725	155	ax (40MHz)	271/286.8 (MCS11)	4.54	0.50	5.04	17	-11.96
	6845	179	ax (40MHz)	271/286.8 (MCS11)	4.78	0.50	5.28	17	-11.72
	6625	135	ax (80MHz)	567/600.5 (MCS11)	1.48	0.50	1.98	17	-15.02
	6705	151	ax (80MHz)	567/600.5 (MCS11)	1.88	0.50	2.38	17	-14.62
	6785	167	ax (80MHz)	567/600.5 (MCS11)	1.93	0.50	2.43	17	-14.58
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-0.87	0.50	-0.37	17	-17.37

Table 7-78. Power Spectral Density Measurements Antenna 1b SP

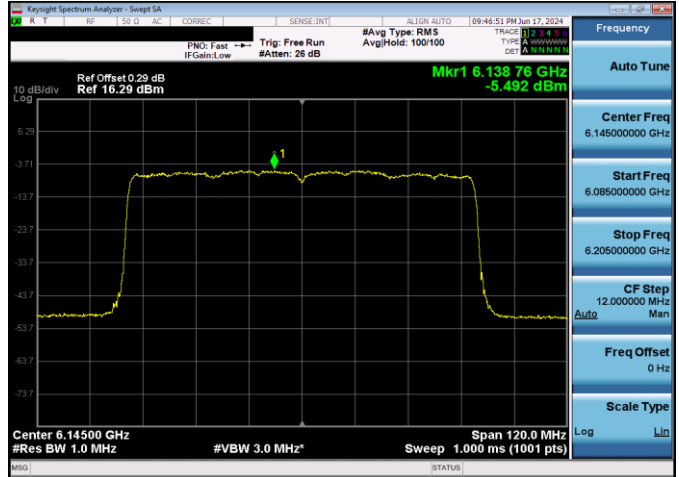
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	a	54	-10.45	0.80	-9.65	-5	-4.65
	6255	61	a	54	-10.78	0.80	-9.98	-5	-4.98
	6415	93	a	54	-10.47	0.80	-9.67	-5	-4.67
	6115	33	ax (20MHz)	135/143.4 (MCS11)	-10.77	0.80	-9.97	-5	-4.97
	6255	61	ax (20MHz)	135/143.4 (MCS11)	-10.67	0.80	-9.87	-5	-4.87
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-10.89	0.80	-10.09	-5	-5.09
	6125	35	ax (40MHz)	271/286.8 (MCS11)	-10.33	0.80	-9.53	-5	-4.53
	6245	59	ax (40MHz)	271/286.8 (MCS11)	-10.78	0.80	-9.98	-5	-4.98
	6405	91	ax (40MHz)	271/286.8 (MCS11)	-10.61	0.80	-9.81	-5	-4.81
	6145	39	ax (80MHz)	567/600.5 (MCS11)	-10.62	0.80	-9.82	-5	-4.82
	6225	55	ax (80MHz)	567/600.5 (MCS11)	-10.24	0.80	-9.44	-5	-4.44
	6385	87	ax (80MHz)	567/600.5 (MCS11)	-10.30	0.80	-9.50	-5	-4.50
	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-10.04	0.80	-9.24	-5	-4.24
	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-10.00	0.80	-9.20	-5	-4.20
Band 7	6535	117	a	54	-10.40	0.50	-9.90	-5	-4.90
	6695	149	a	54	-10.08	0.50	-9.58	-5	-4.58
	6855	181	a	54	-10.29	0.50	-9.79	-5	-4.79
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-11.00	0.50	-10.50	-5	-5.50
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-10.71	0.50	-10.21	-5	-5.21
	6855	181	ax (20MHz)	135/143.4 (MCS11)	-10.38	0.50	-9.88	-5	-4.88
	6565	123	ax (40MHz)	271/286.8 (MCS11)	-10.84	0.50	-10.34	-5	-5.34
	6725	155	ax (40MHz)	271/286.8 (MCS11)	-10.41	0.50	-9.91	-5	-4.91
	6845	179	ax (40MHz)	271/286.8 (MCS11)	-10.06	0.50	-9.56	-5	-4.56
	6625	135	ax (80MHz)	567/600.5 (MCS11)	-9.92	0.50	-9.42	-5	-4.42
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-10.27	0.50	-9.77	-5	-4.77
	6785	167	ax (80MHz)	567/600.5 (MCS11)	-9.96	0.50	-9.46	-5	-4.46
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-10.22	0.50	-9.72	-5	-4.72

Table 7-79. Power Spectral Density Measurements Antenna 1b VLP

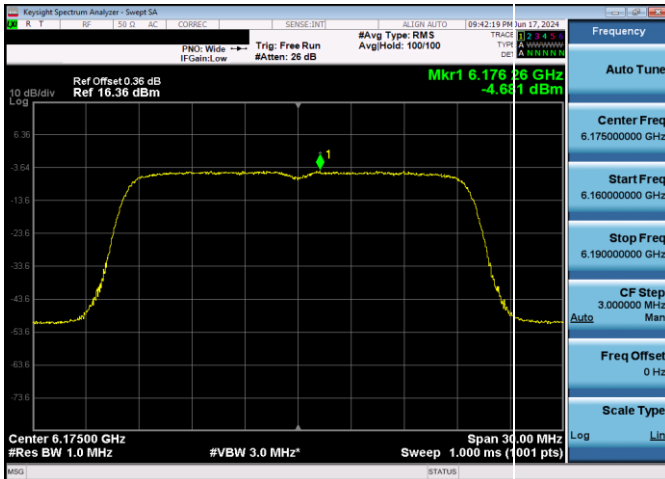
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 96 of 317



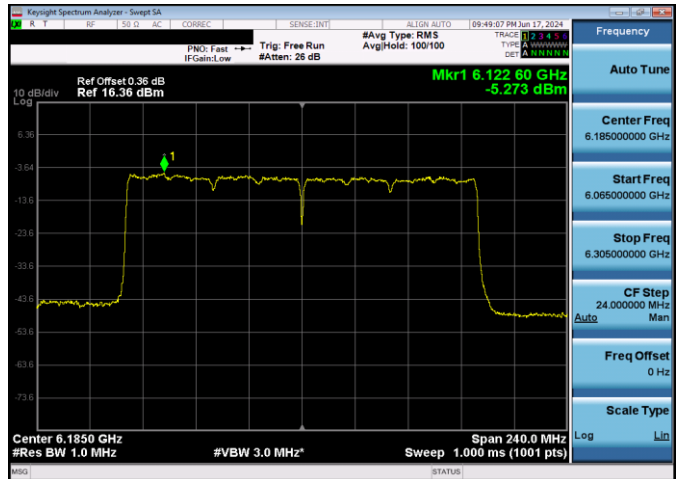
Plot 7-201. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



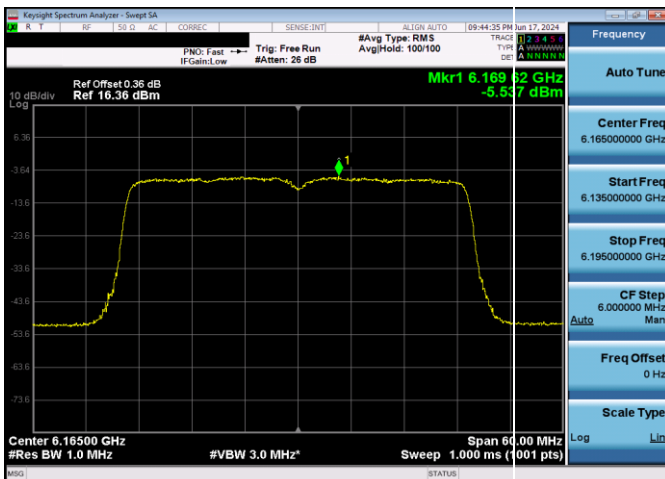
Plot 7-204. Power Spectral Density Plot Antenna 1b LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



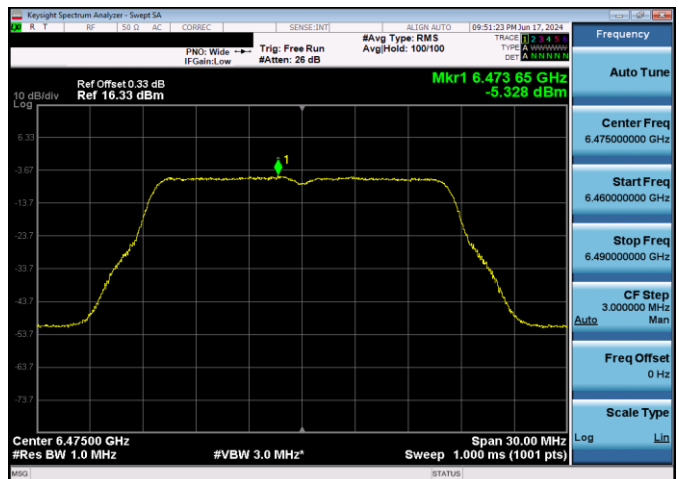
Plot 7-202. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-205. Power Spectral Density Plot Antenna 1b LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

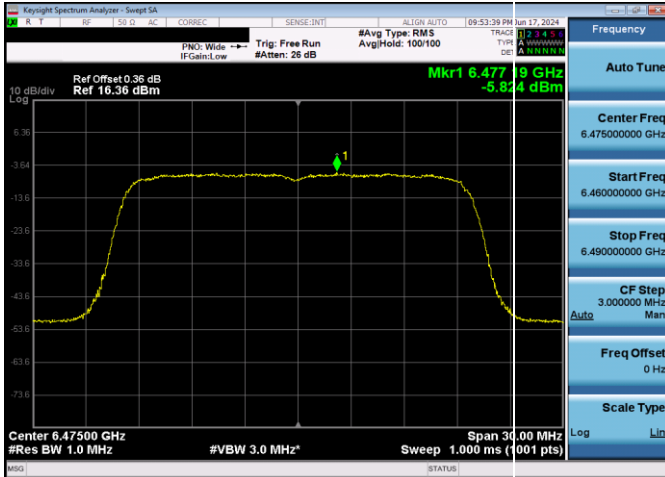


Plot 7-203. Power Spectral Density Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

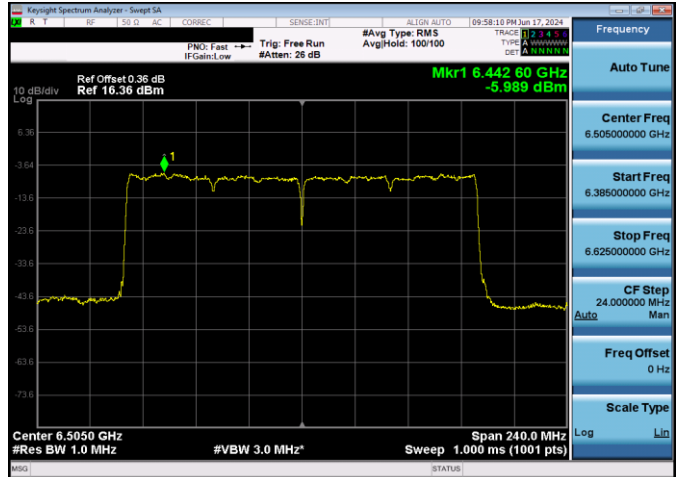


Plot 7-206. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

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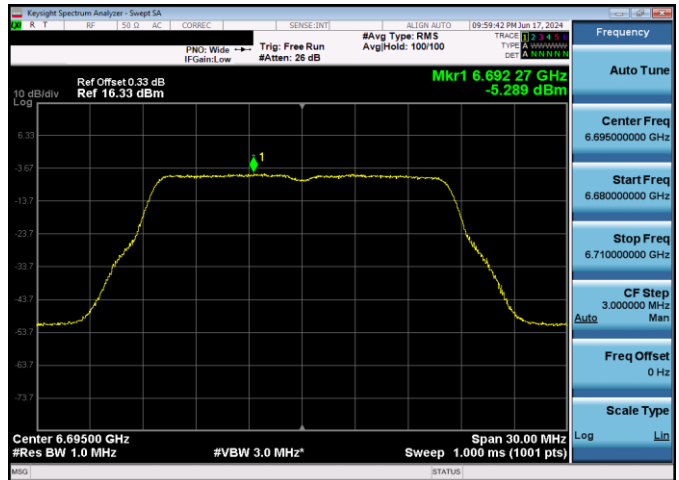
Plot 7-207. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



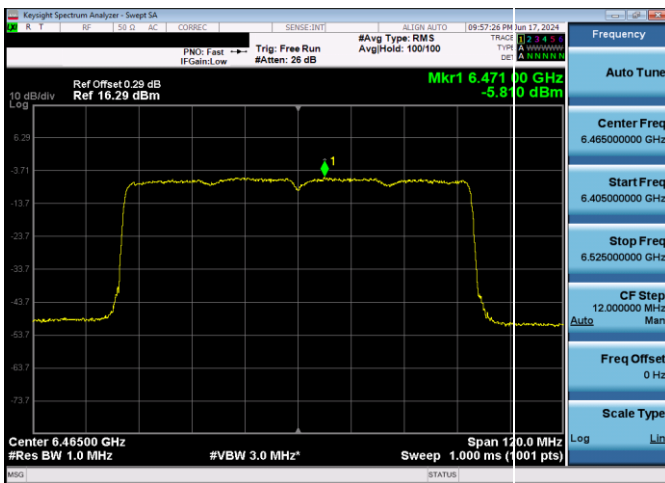
Plot 7-210. Power Spectral Density Plot Antenna 1b LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



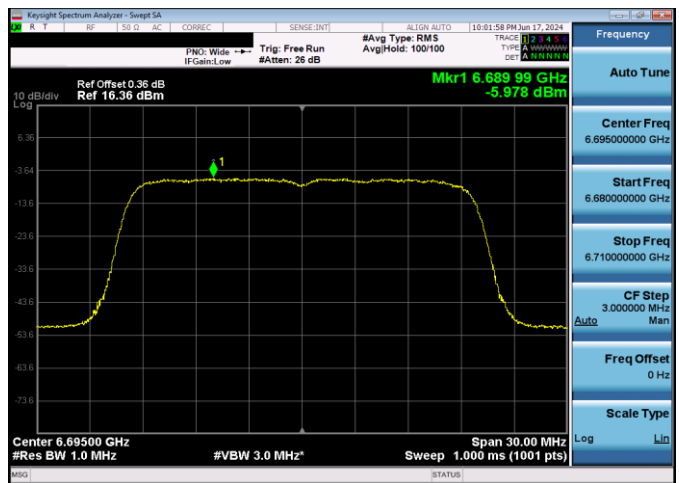
Plot 7-208. Power Spectral Density Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-211. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

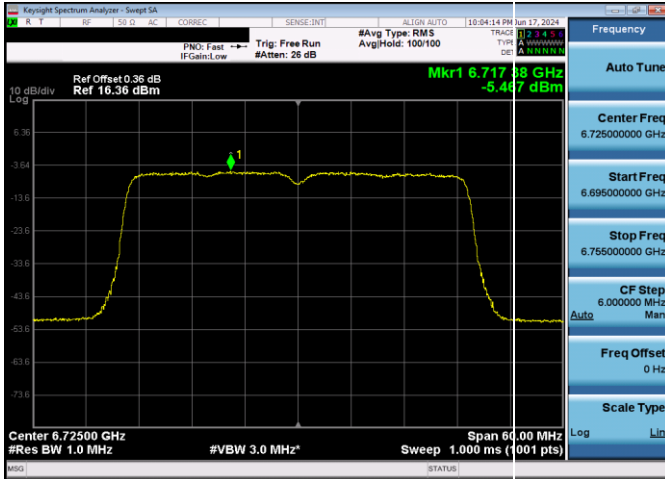


Plot 7-209. Power Spectral Density Plot Antenna 1b LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

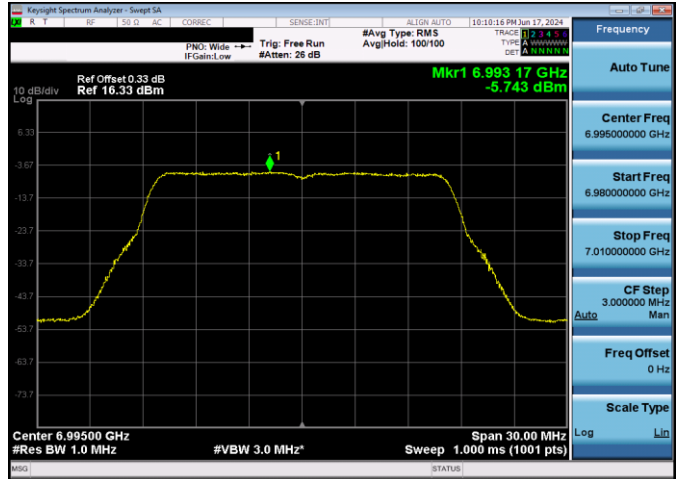


Plot 7-212. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

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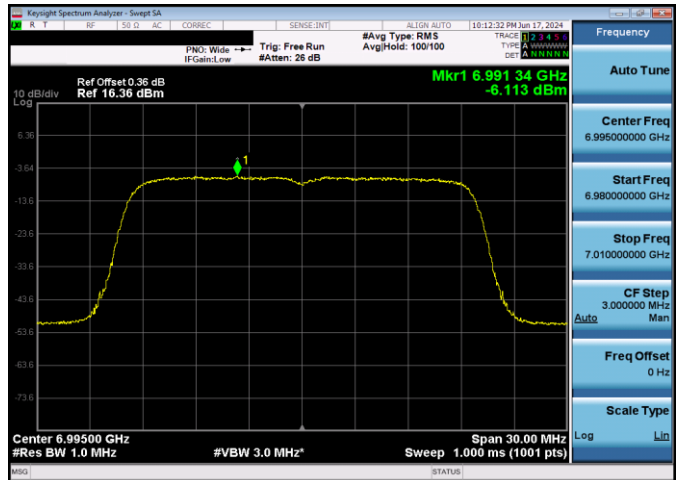
Plot 7-213. Power Spectral Density Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



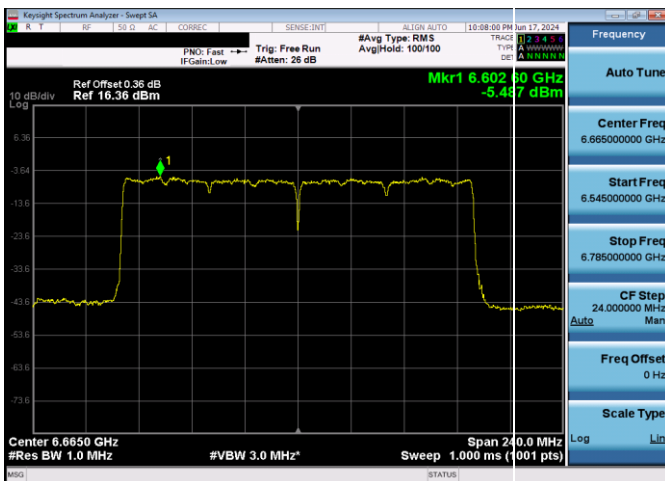
Plot 7-216. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



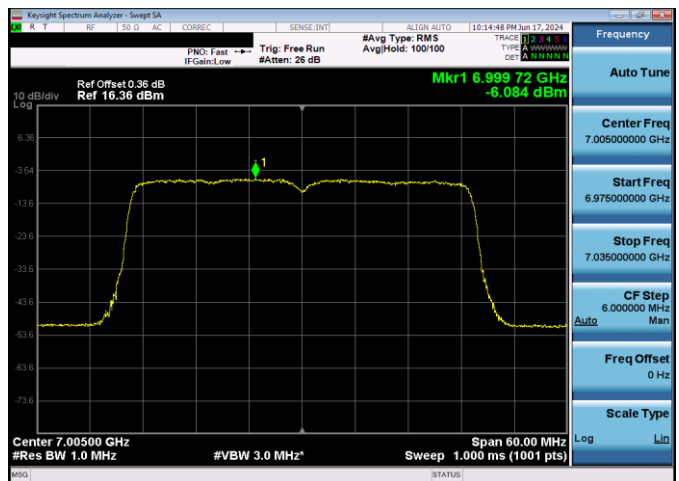
Plot 7-214. Power Spectral Density Plot Antenna 1b LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-217. Power Spectral Density Plot Antenna 1b LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

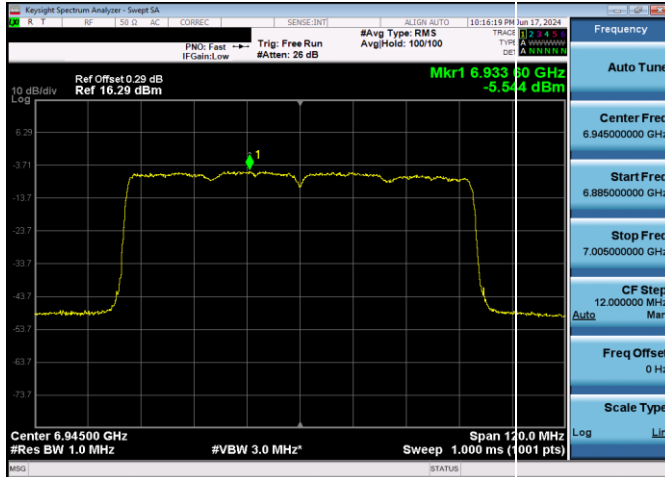


Plot 7-215. Power Spectral Density Plot Antenna 1b LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

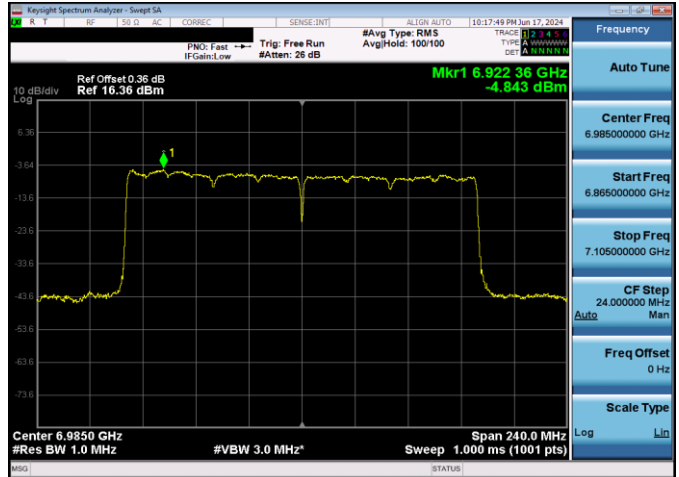


Plot 7-218. Power Spectral Density Plot Antenna 1b LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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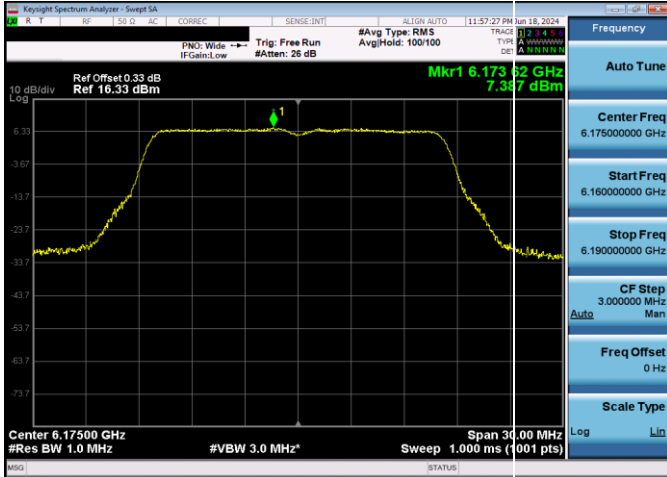


Plot 7-219. Power Spectral Density Plot Antenna 1b LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)

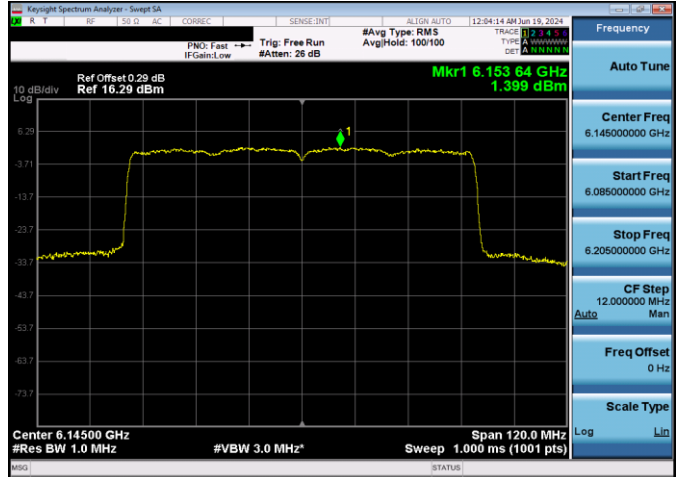


Plot 7-220. Power Spectral Density Plot Antenna 1b LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

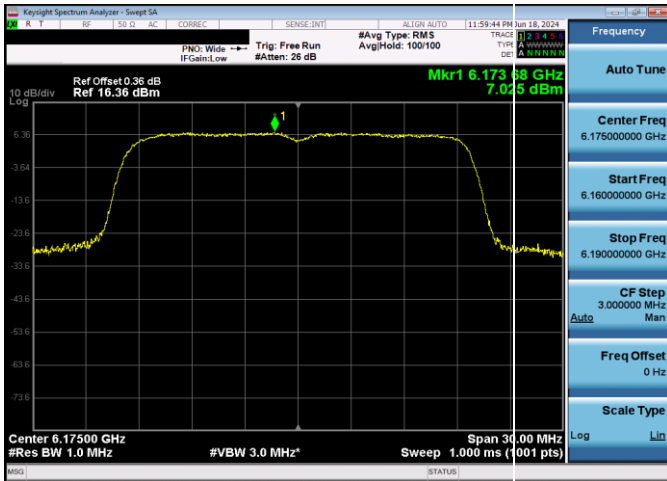
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 100 of 317



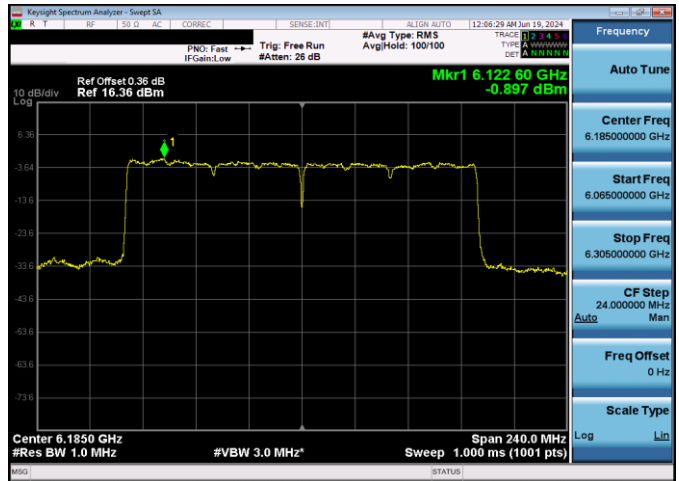
Plot 7-221. Power Spectral Density Plot Antenna 1b SP (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



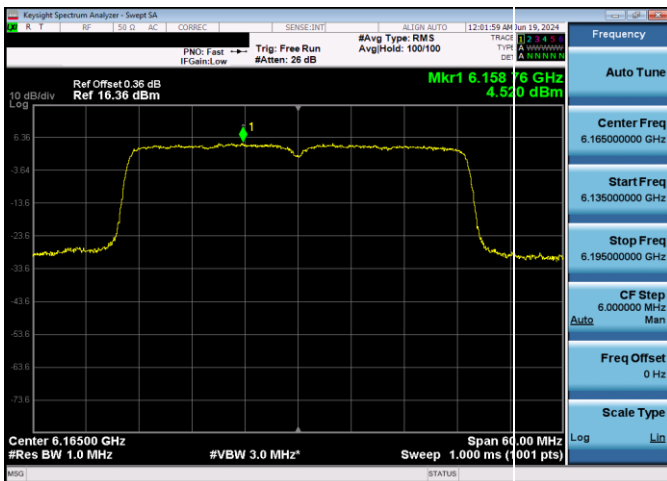
Plot 7-224. Power Spectral Density Plot Antenna 1b SP (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



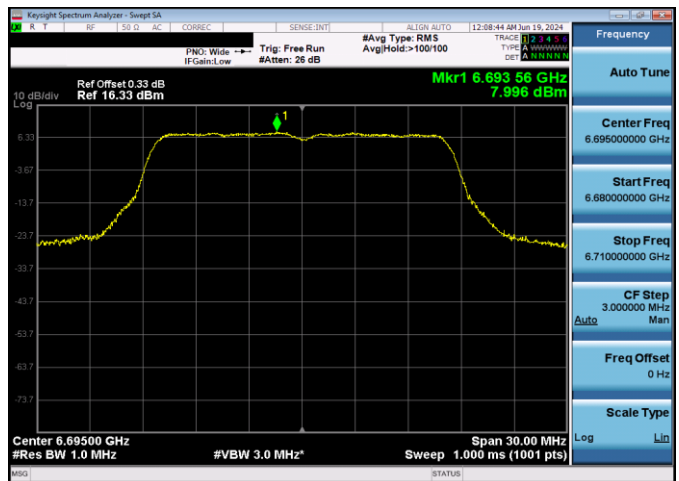
Plot 7-222. Power Spectral Density Plot Antenna 1b SP (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-225. Power Spectral Density Plot Antenna 1b SP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

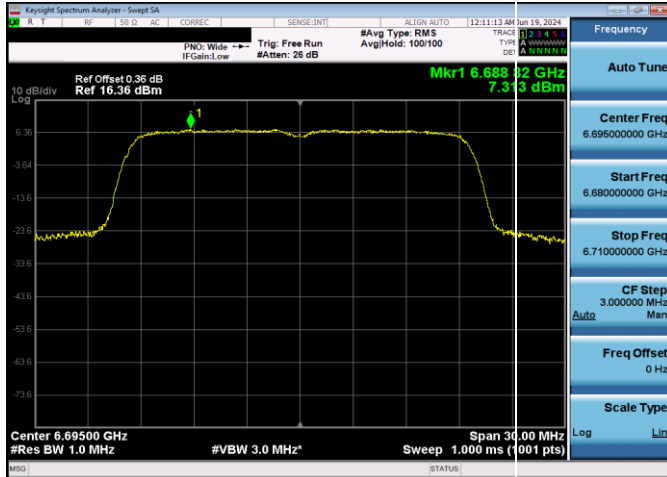


Plot 7-223. Power Spectral Density Plot Antenna 1b SP (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

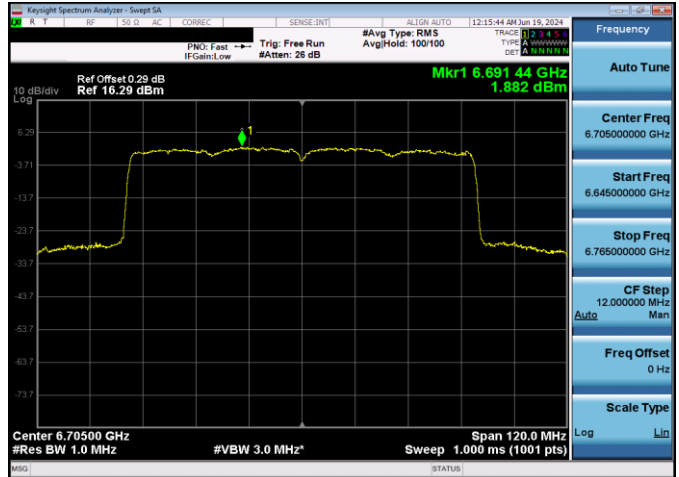


Plot 7-226. Power Spectral Density Plot Antenna 1b SP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

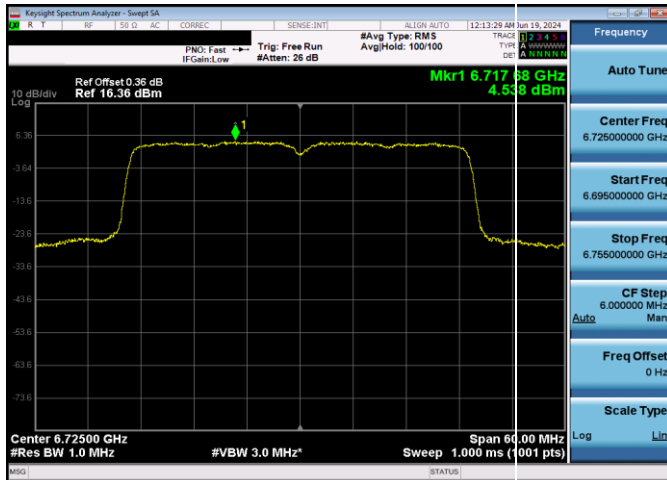
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200018-24-R2.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 101 of 317



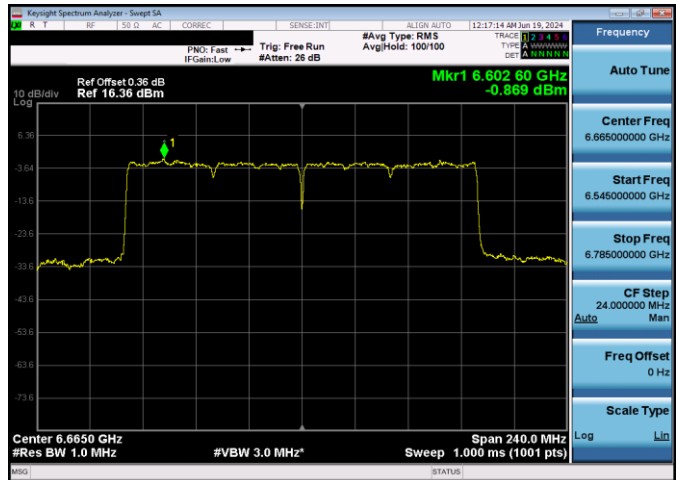
Plot 7-227. Power Spectral Density Plot Antenna 1b SP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-229. Power Spectral Density Plot Antenna 1b SP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)

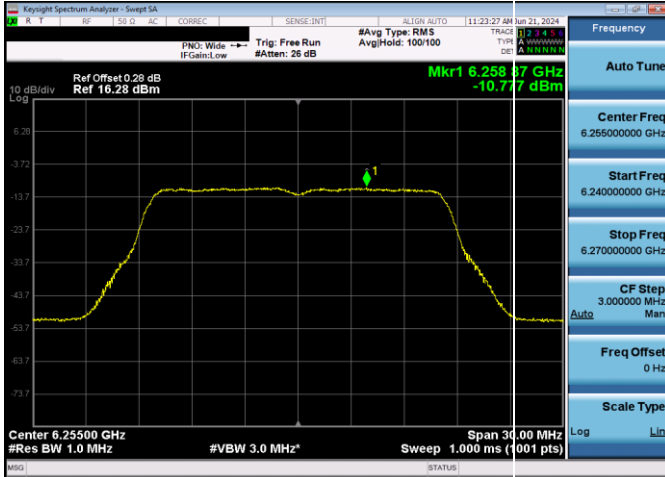


Plot 7-228. Power Spectral Density Plot Antenna 1b SP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)

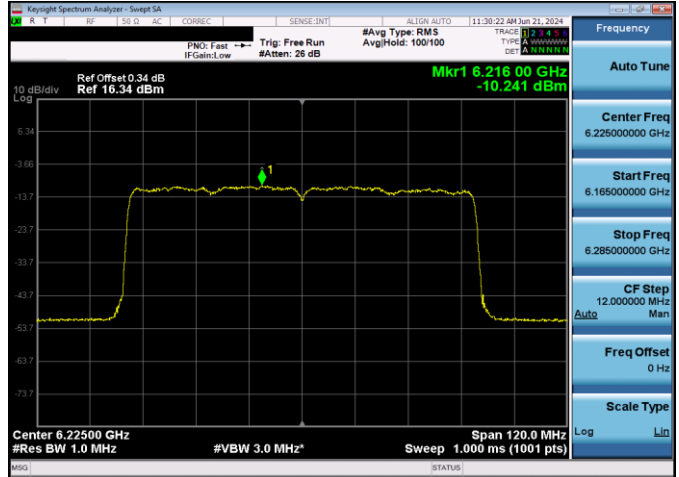


Plot 7-230. Power Spectral Density Plot Antenna 1b SP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

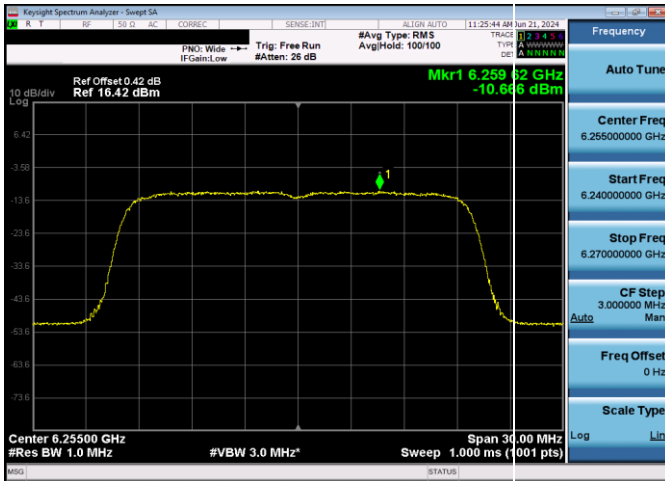
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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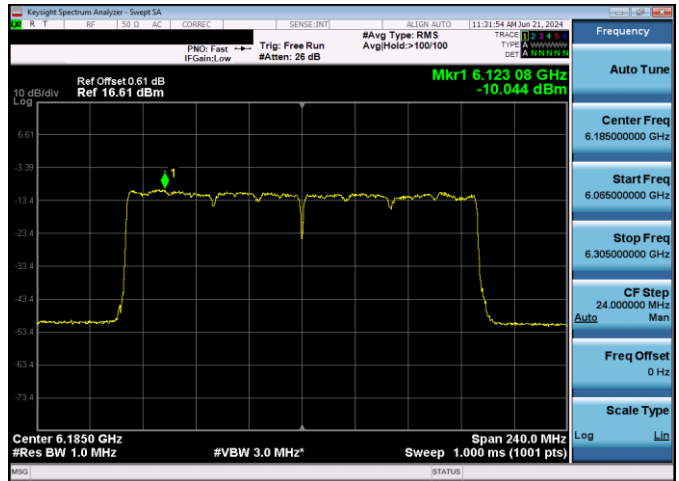
Plot 7-231. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11a (UNII Band 5) – Ch. 61, 54Mbps)



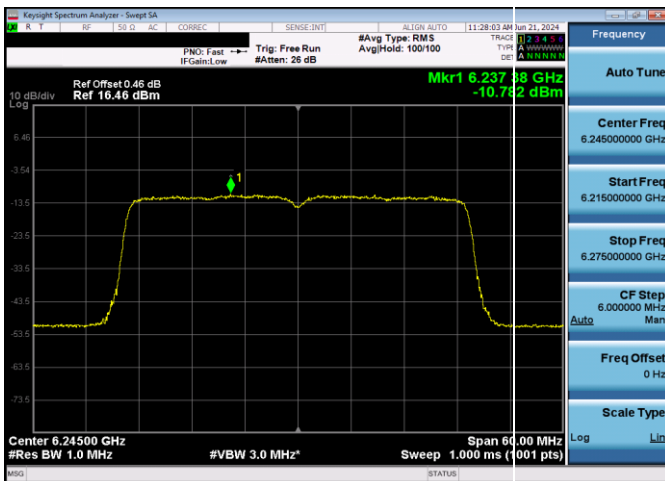
Plot 7-234. Power Spectral Density Plot Antenna 5T VLP (80MHz 802.11ax (UNII Band 5) – Ch. 55, MCS11)



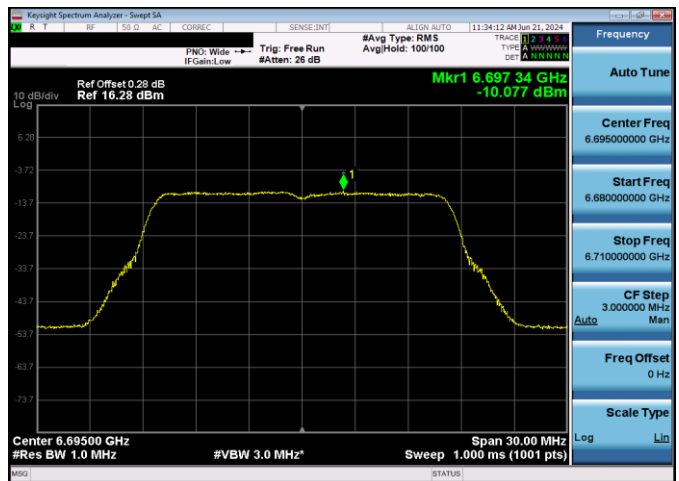
Plot 7-232. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11ax (UNII Band 5) – Ch. 61, MCS11)



Plot 7-235. Power Spectral Density Plot Antenna 5T VLP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

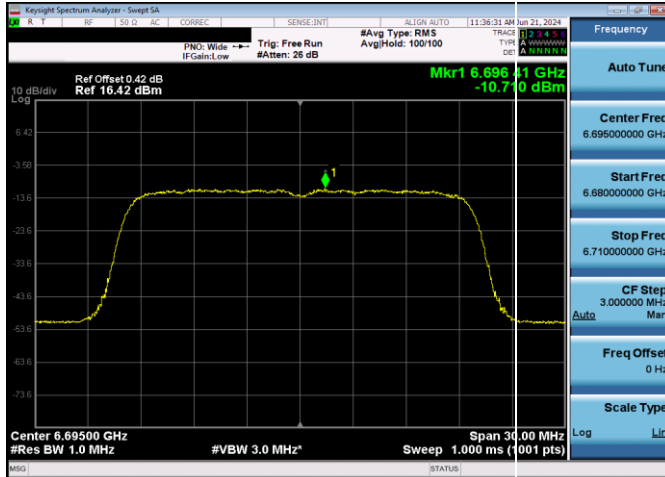


Plot 7-233. Power Spectral Density Plot Antenna 5T VLP (40MHz 802.11ax (UNII Band 5) – Ch. 59, MCS11)

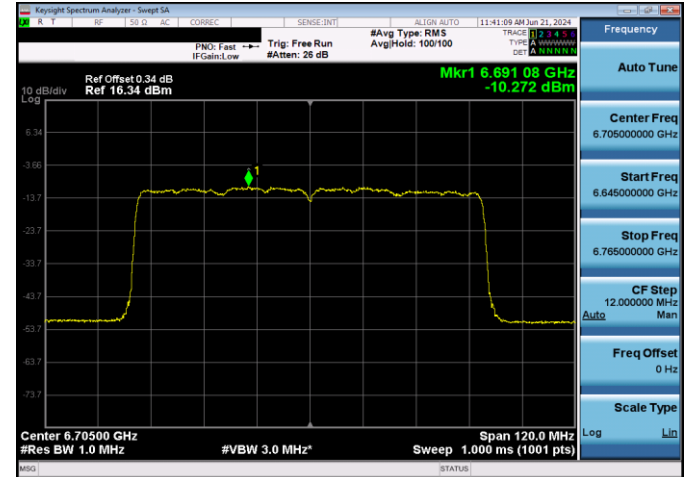


Plot 7-236. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

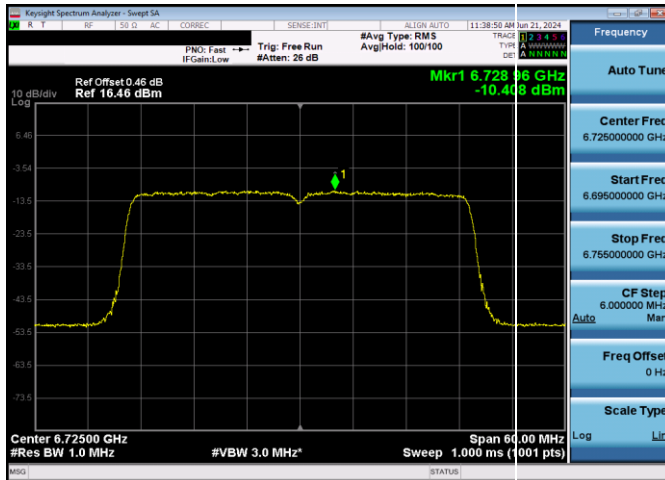
FCC ID: BCGA2995		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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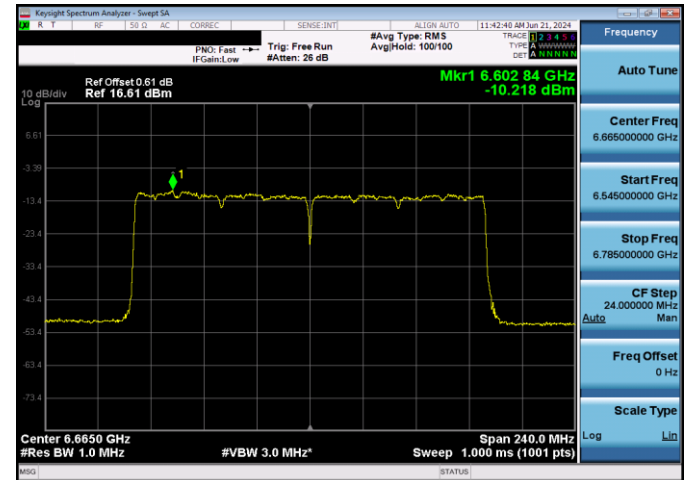
Plot 7-237. Power Spectral Density Plot Antenna 5T VLP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-239. Power Spectral Density Plot Antenna 5T VLP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-238. Power Spectral Density Plot Antenna 5T VLP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-240. Power Spectral Density Plot Antenna 5T VLP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

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	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [MHz]	Antenna 5T Measured Power Density [dBm/MHz]	Antenna 3b Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.17	-12.86	-9.49	2.42	-7.07	-5	-2.07
	6255	61	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.02	-13.59	-9.72	2.42	-7.30	-5	-2.30
	6415	93	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.96	-13.65	-10.28	2.42	-7.86	-5	-2.86
	6125	35	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.76	-12.68	-9.71	2.42	-7.29	-5	-2.29
	6245	59	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.26	-13.63	-9.88	2.42	-7.46	-5	-2.46
	6405	91	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.77	-13.05	-9.89	2.42	-7.47	-5	-2.47
	6145	39	ax (80MHz)	SDM	1134/1201 (MCS11)	-12.28	-12.24	-9.25	2.42	-6.83	-5	-1.83
	6225	55	ax (80MHz)	SDM	1134/1201 (MCS11)	-11.90	-11.63	-8.75	2.42	-6.33	-5	-1.33
	6385	87	ax (80MHz)	SDM	1134/1201 (MCS11)	-11.71	-12.34	-9.00	2.42	-6.58	-5	-1.58
	6185	47	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-11.89	-12.07	-8.97	2.42	-6.55	-5	-1.55
6345	79	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-11.92	-12.40	-9.14	2.42	-6.72	-5	-1.72	
Band 7	6535	117	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.50	-13.99	-10.17	2.29	-7.88	-5	-2.88
	6695	149	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.15	-12.84	-9.47	2.29	-7.18	-5	-2.18
	6855	181	ax (20MHz)	SDM	270/286.8 (MCS11)	-11.88	-13.11	-9.44	2.29	-7.15	-5	-2.15
	6565	123	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.31	-13.36	-9.79	2.29	-7.51	-5	-2.51
	6725	155	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.51	-12.54	-9.51	2.29	-7.23	-5	-2.23
	6845	179	ax (40MHz)	SDM	540/573.5 (MCS11)	-11.95	-13.48	-9.63	2.29	-7.35	-5	-2.35
	6625	135	ax (80MHz)	SDM	1134/1201 (MCS11)	-11.94	-12.46	-9.18	2.29	-6.89	-5	-1.89
	6705	151	ax (80MHz)	SDM	1134/1201 (MCS11)	-12.35	-12.47	-9.40	2.29	-7.11	-5	-2.11
	6785	167	ax (80MHz)	SDM	1134/1201 (MCS11)	-11.82	-12.48	-9.13	2.29	-6.84	-5	-1.84
	6665	143	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-11.67	-12.13	-8.88	2.29	-6.59	-5	-1.59

Table 7-82. Power Spectral Density Measurements SDM Primary VLP

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