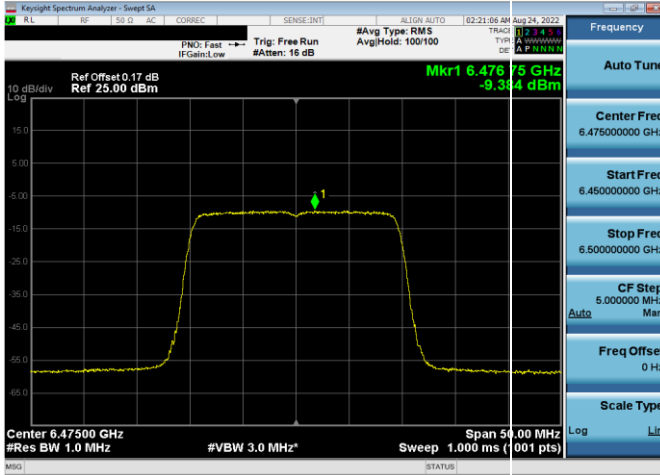
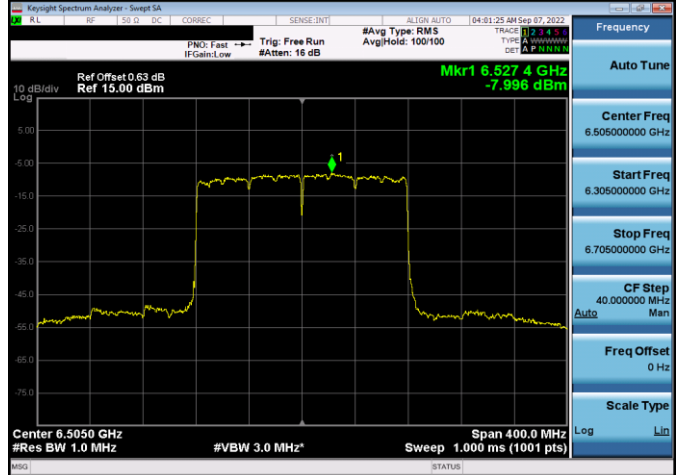
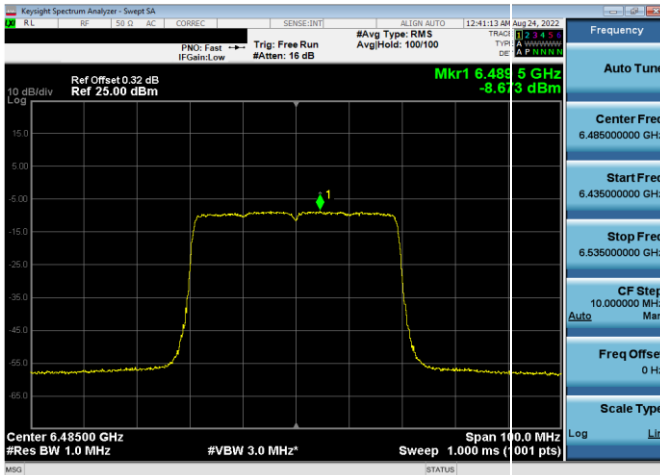




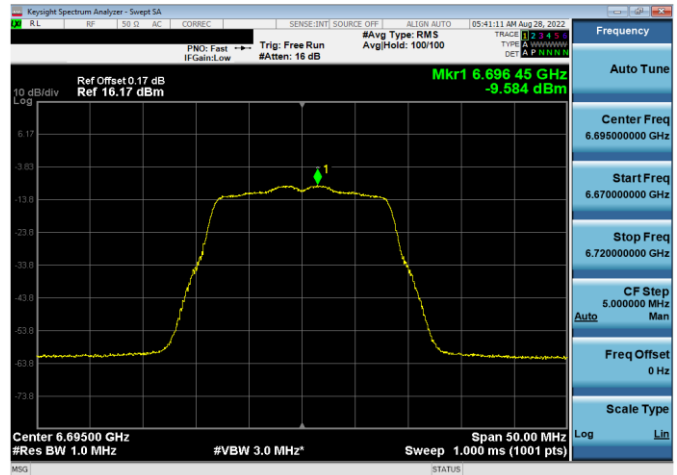
Plot 7-187. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



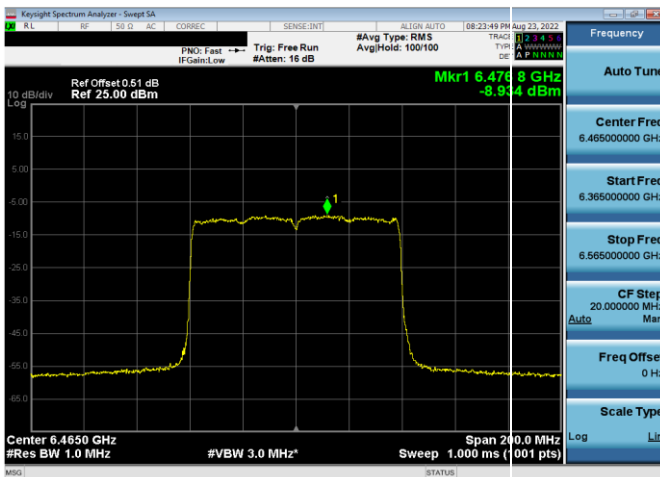
Plot 7-190. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



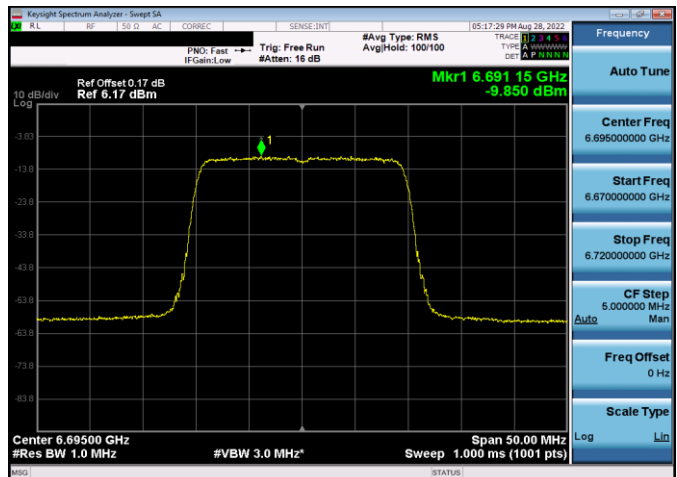
Plot 7-188. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-191. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)

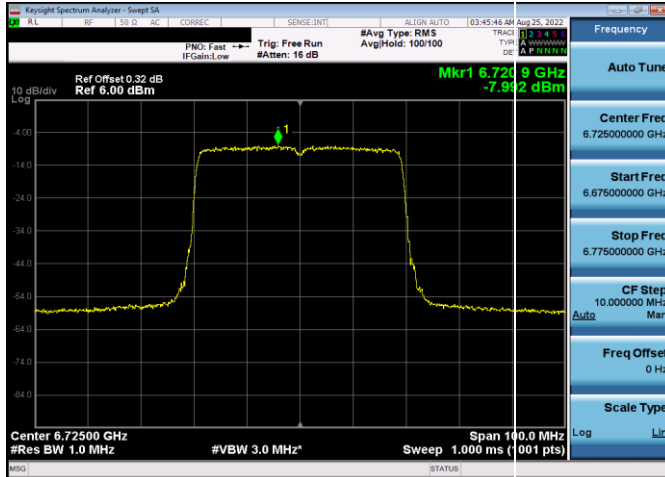


Plot 7-189. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

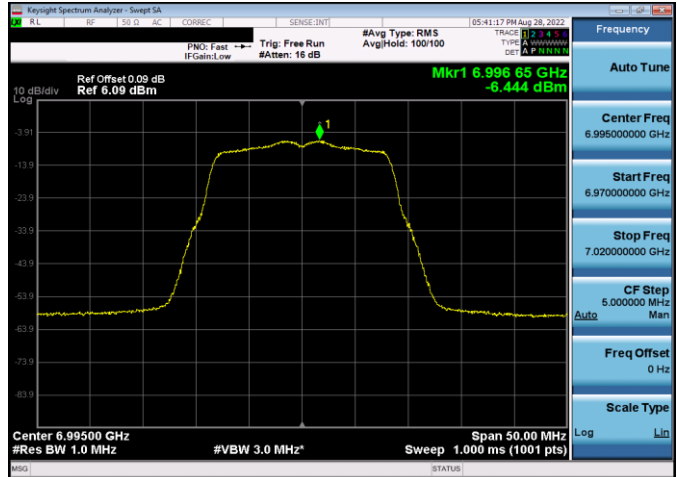


Plot 7-192. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

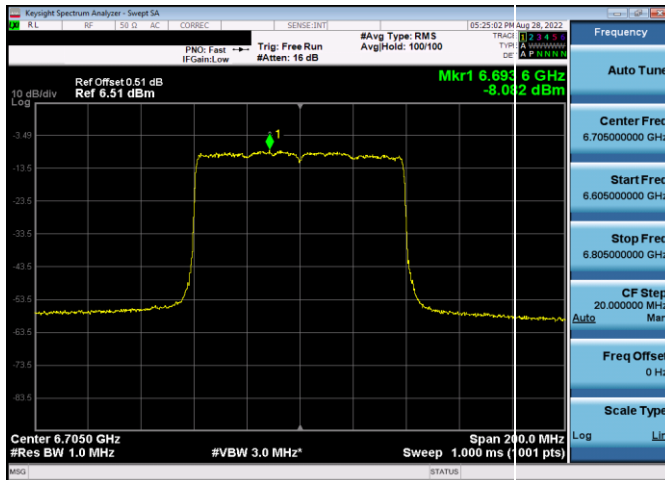
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 85 of 282



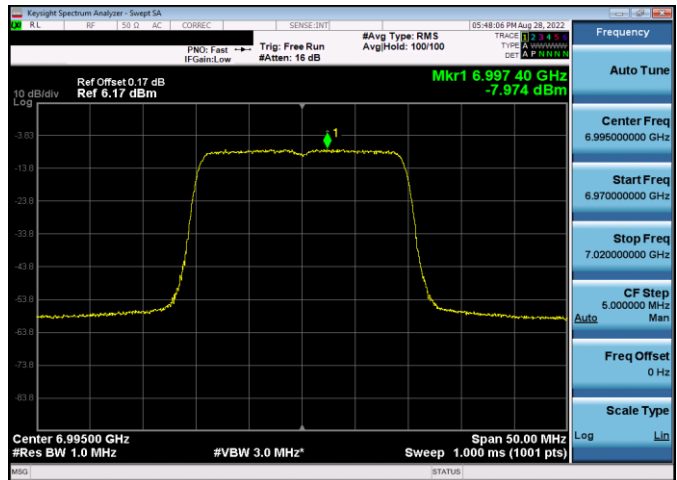
Plot 7-193. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



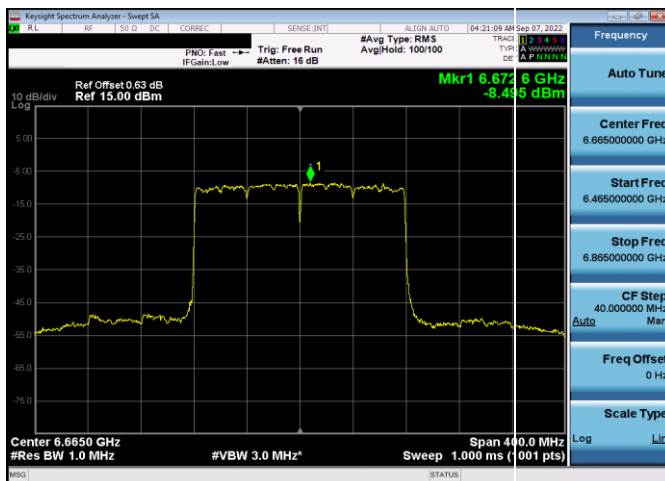
Plot 7-196. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 8) – Ch. 209, 12Mbps)



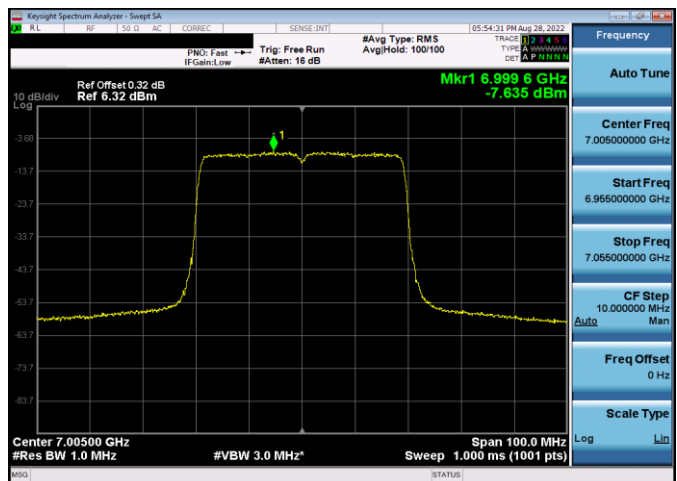
Plot 7-194. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-197. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS2)

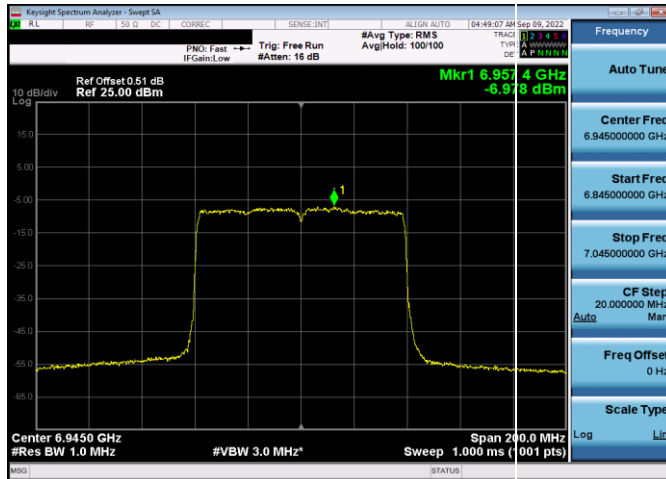


Plot 7-195. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

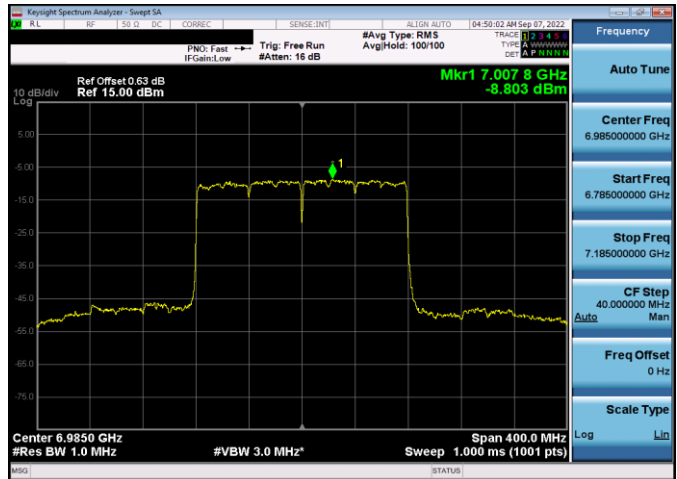


Plot 7-198. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 86 of 282



Plot 7-199. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)

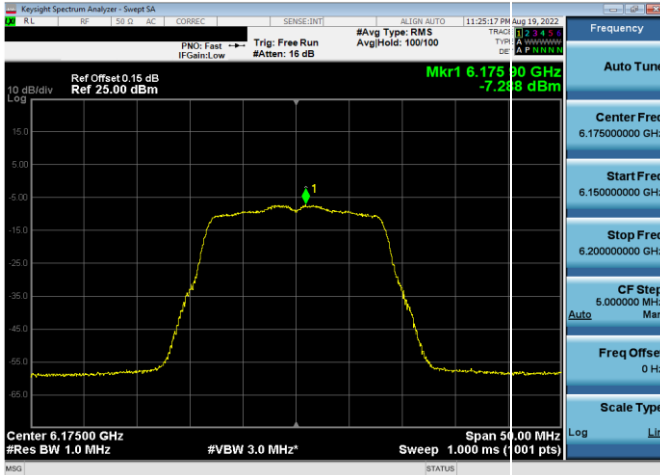


Plot 7-200. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)

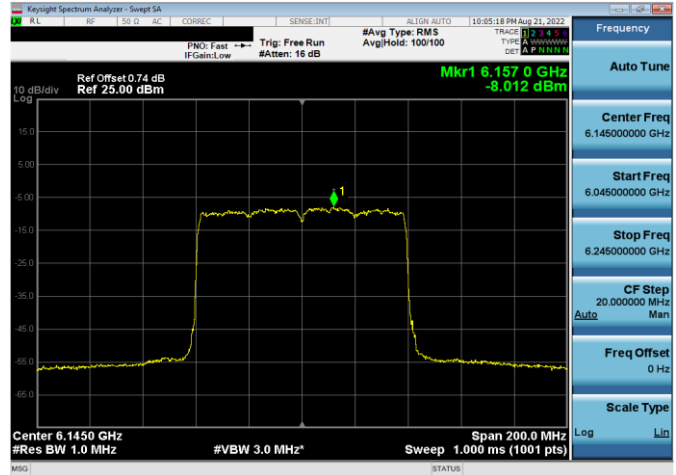
FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 87 of 282

V 10.5 12/15/2021

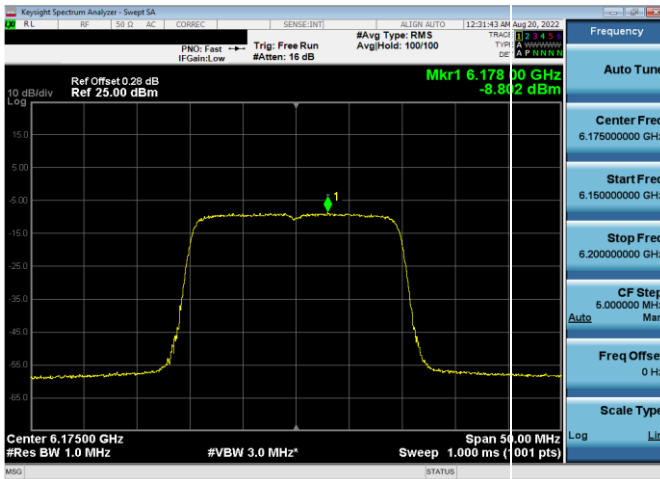
Mid Data Rate



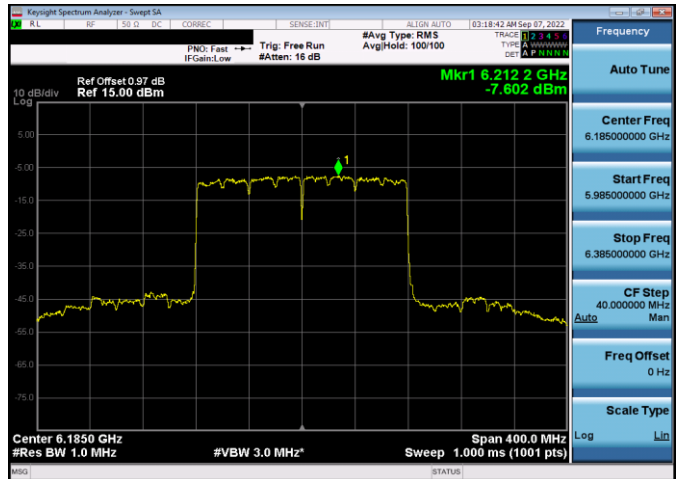
Plot 7-201. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



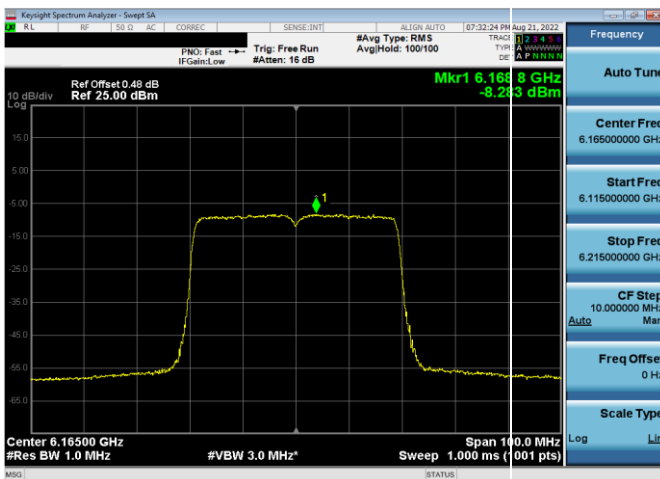
Plot 7-204. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



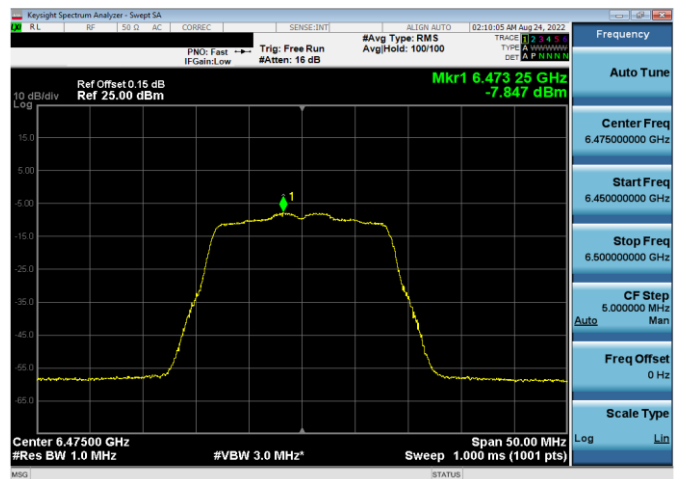
Plot 7-202. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-205. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)



Plot 7-203. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

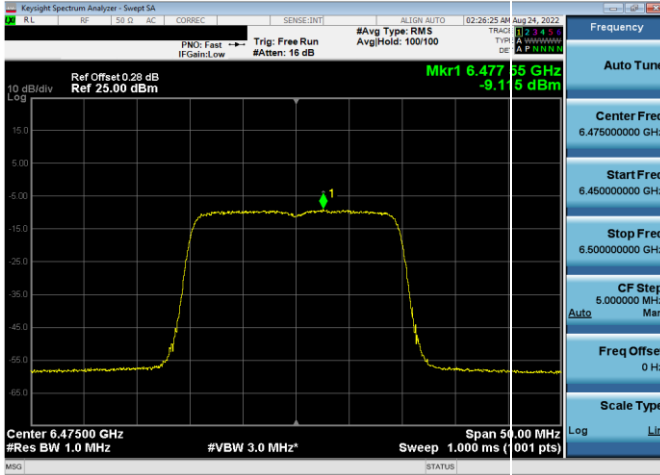


Plot 7-206. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 6) – Ch. 105, 24Mbps)

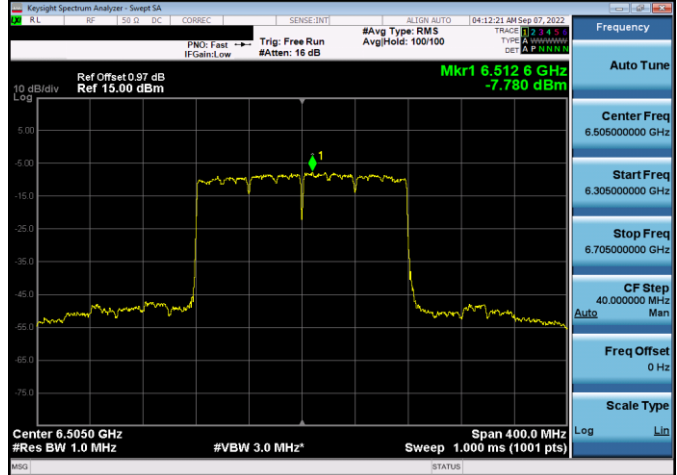
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 88 of 282

V 10.5 12/15/2021

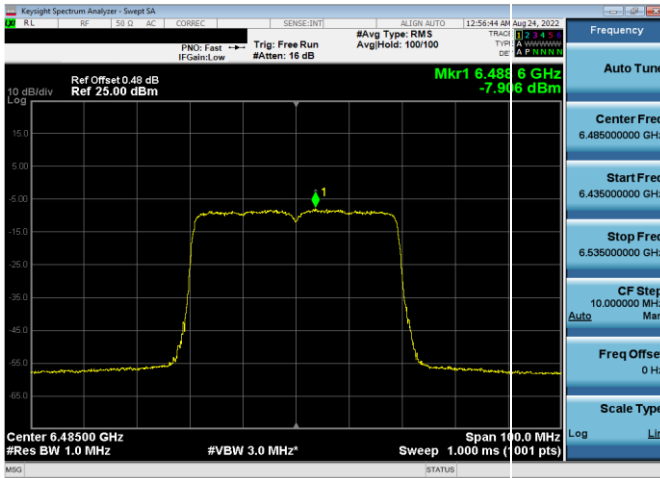
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional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



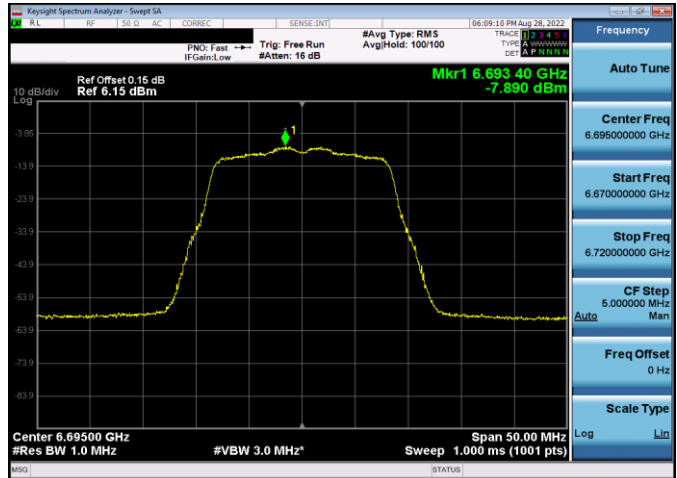
Plot 7-207. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



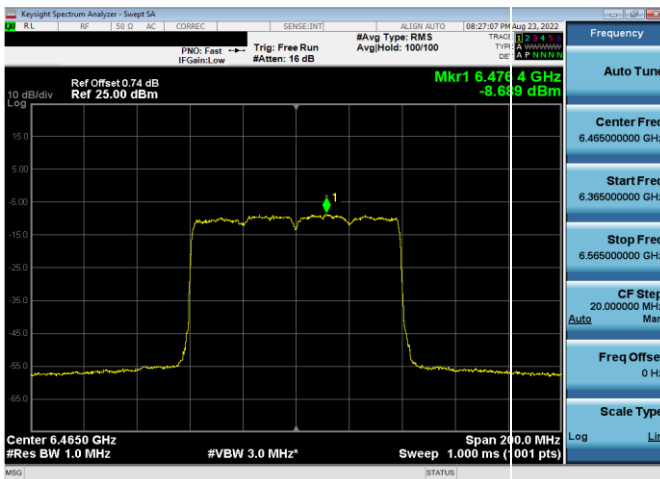
Plot 7-210. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



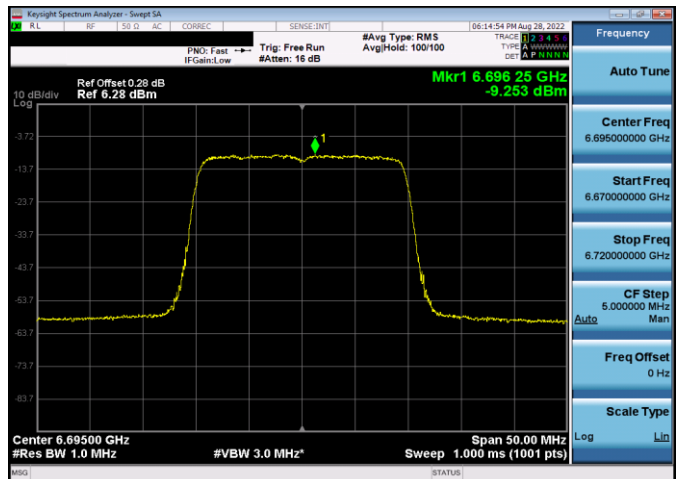
Plot 7-208. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-211. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

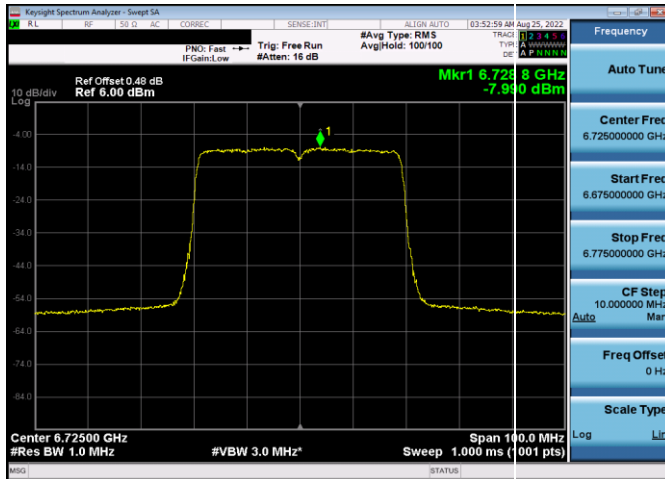


Plot 7-209. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

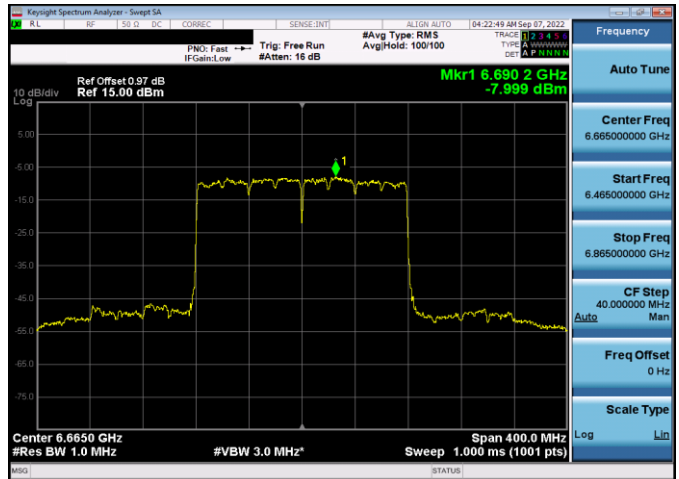


Plot 7-212. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

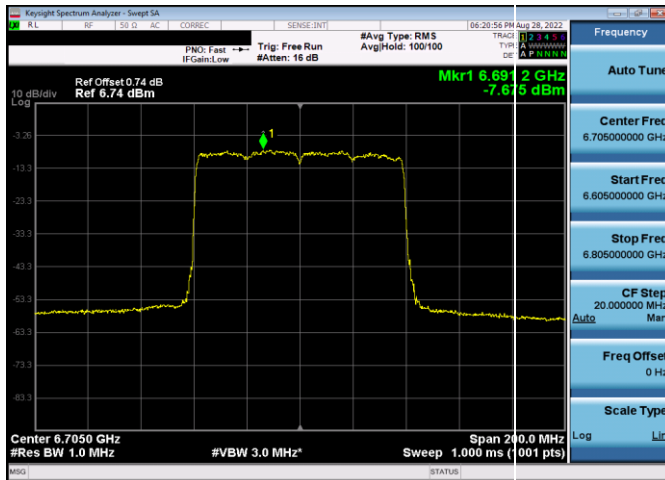
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 89 of 282



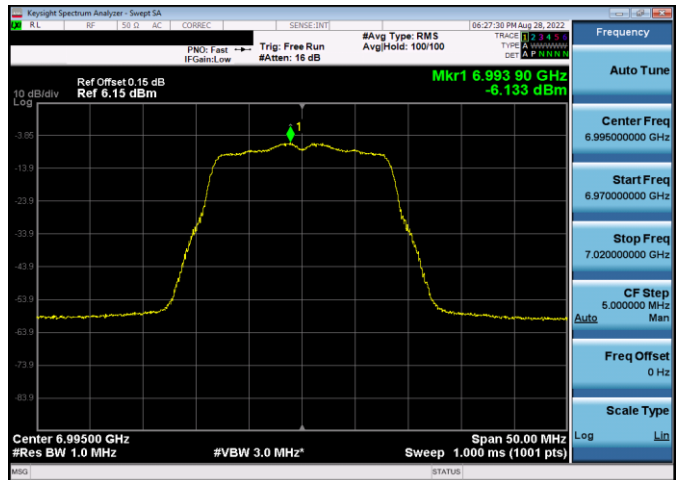
Plot 7-213. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



Plot 7-215. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)



Plot 7-214. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



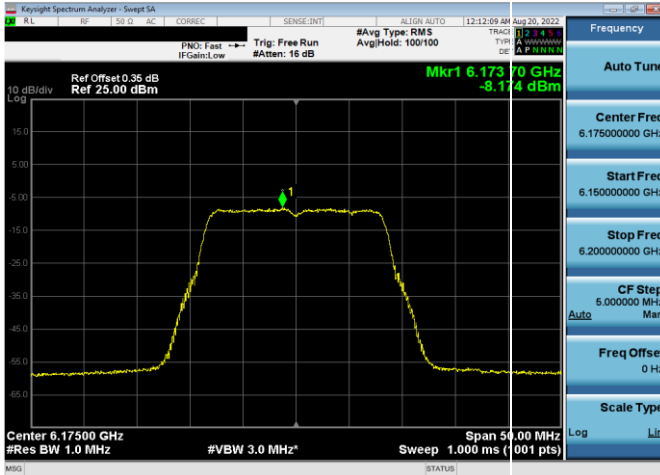
Plot 7-216. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 8) – Ch. 209, 24Mbps)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 90 of 282

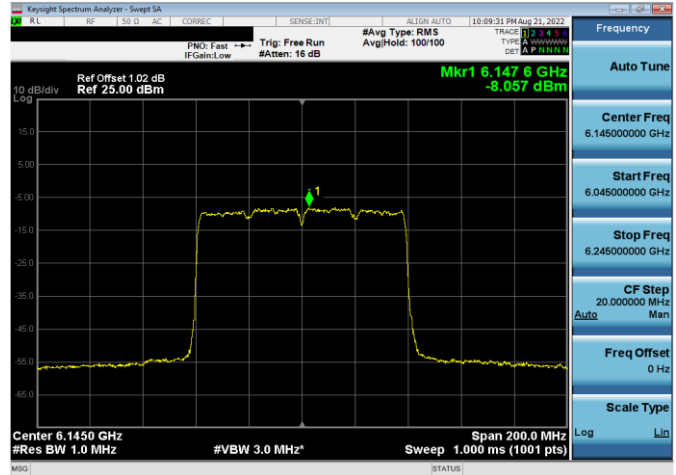
V 10.5 12/15/2021

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. 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.

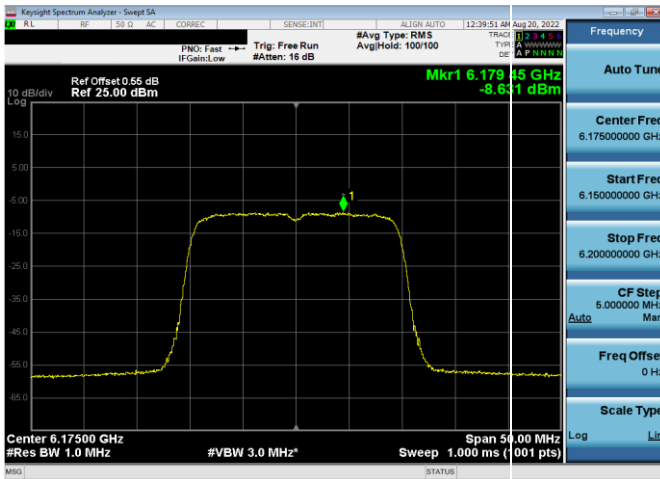
High Data Rate



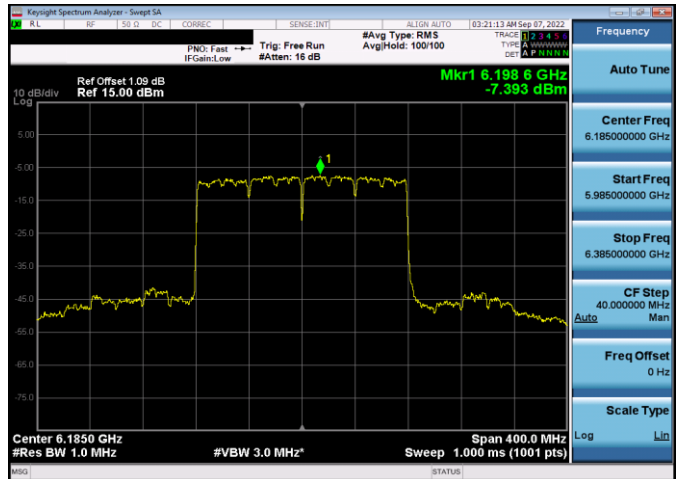
Plot 7-217. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



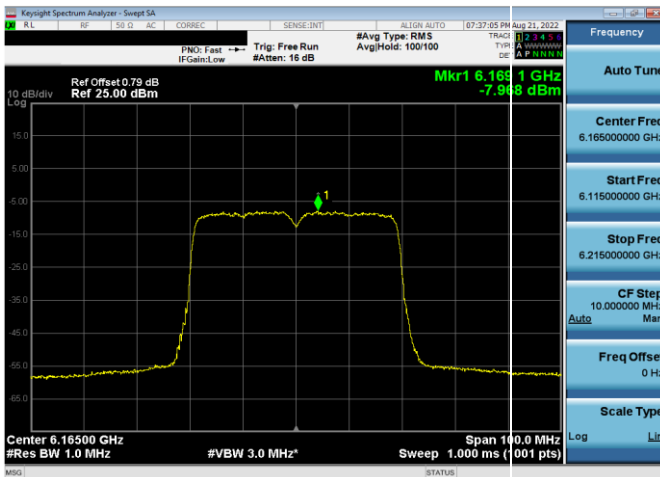
Plot 7-220. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



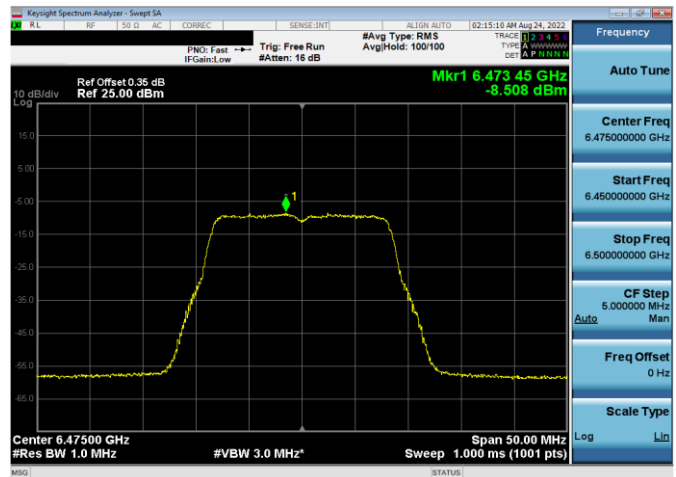
Plot 7-218. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-221. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



Plot 7-219. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

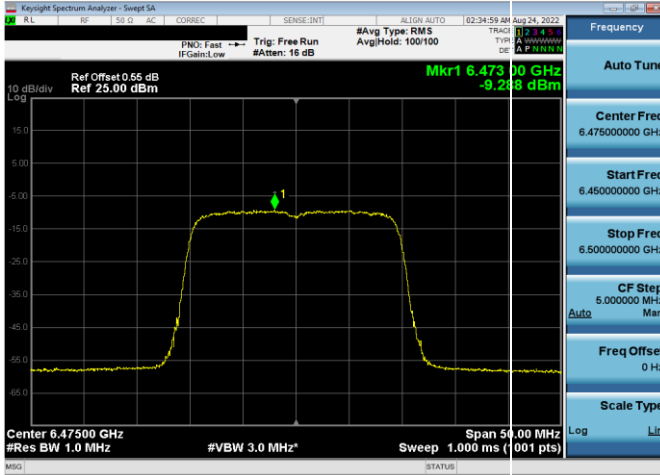


Plot 7-222. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

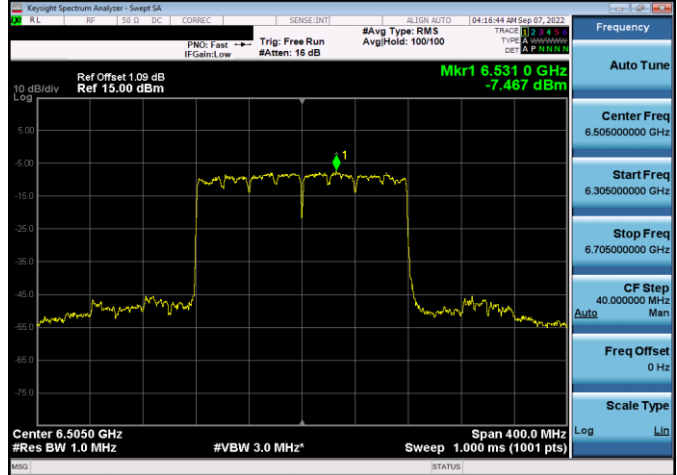
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 91 of 282

V 10.5 12/15/2021

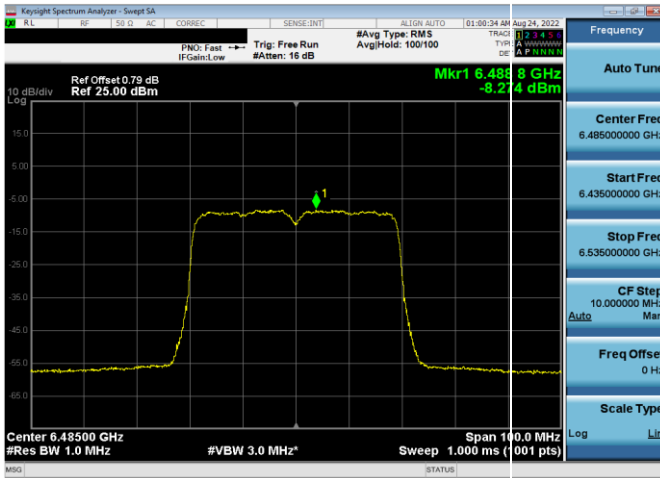
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element. If you have any questions about this or have an enquiry about obtaining additional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



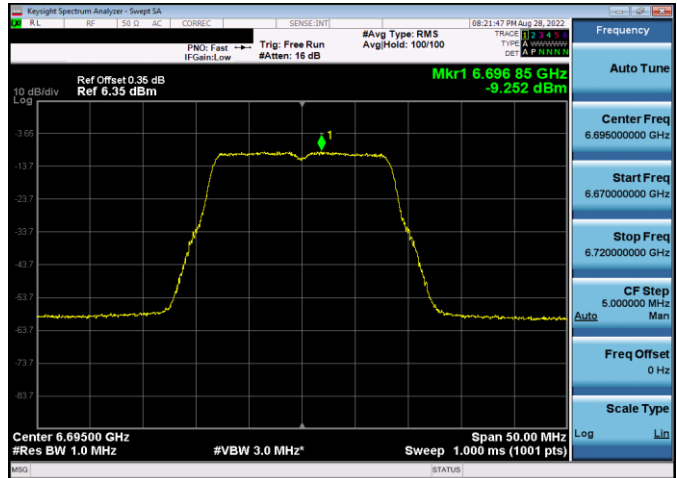
Plot 7-223. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



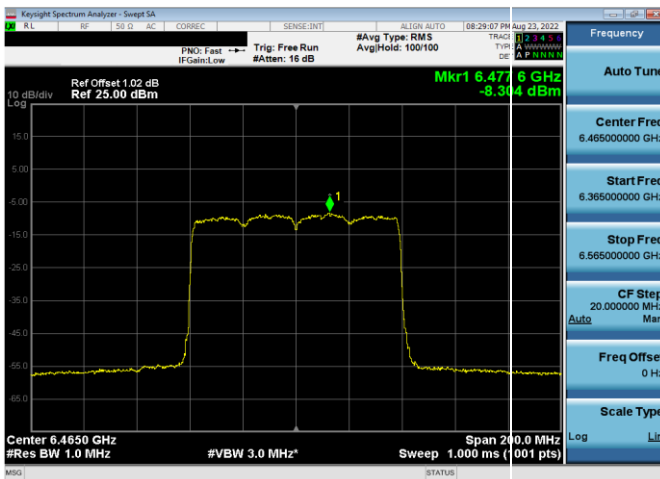
Plot 7-226. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



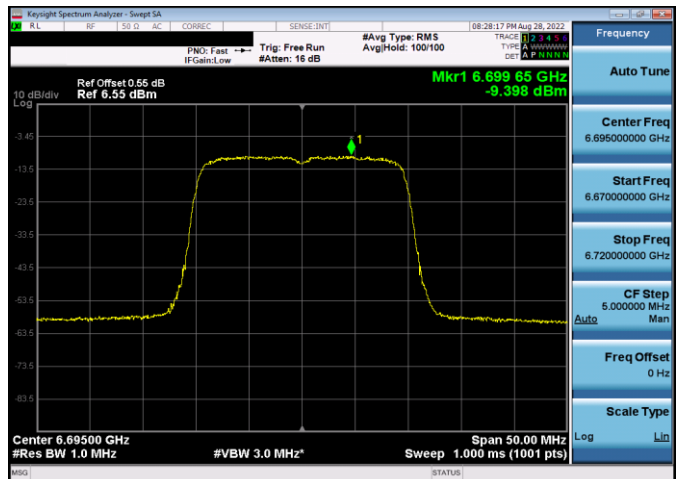
Plot 7-224. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-227. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

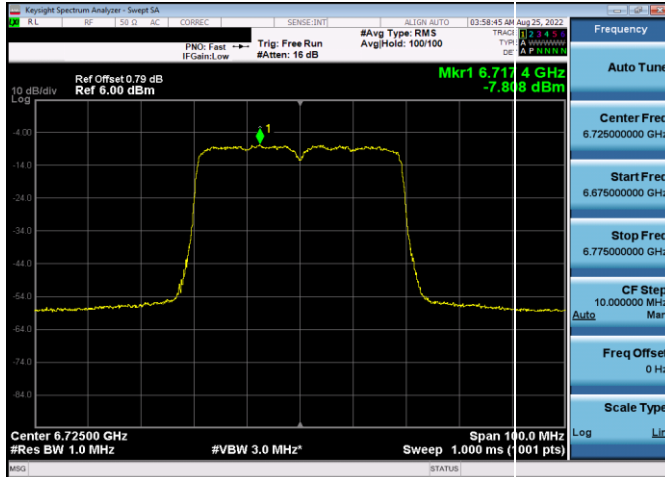


Plot 7-225. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

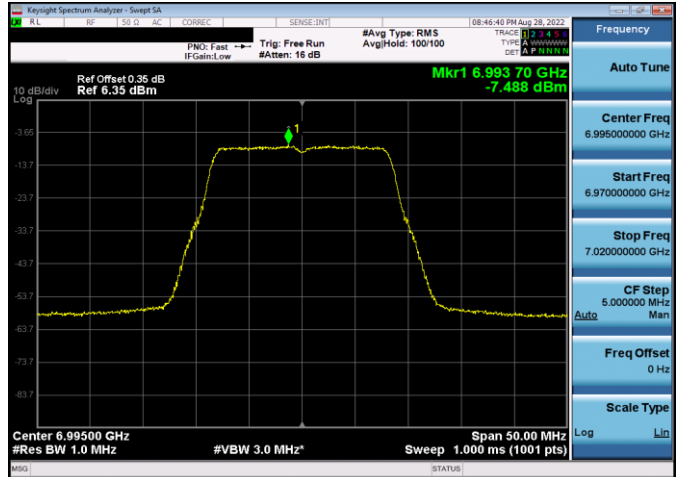


Plot 7-228. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

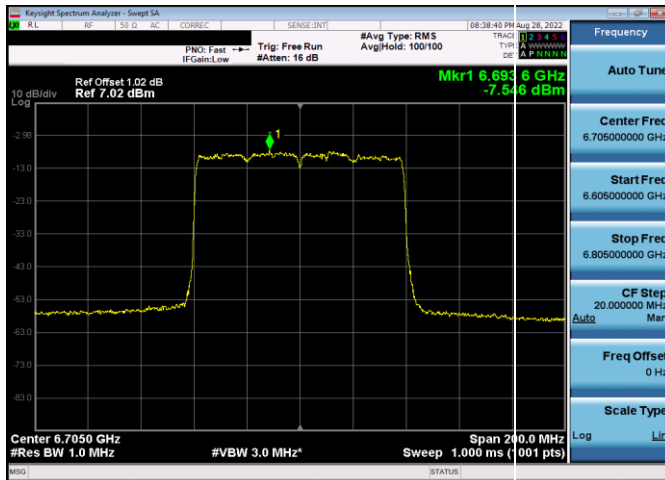
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 92 of 282



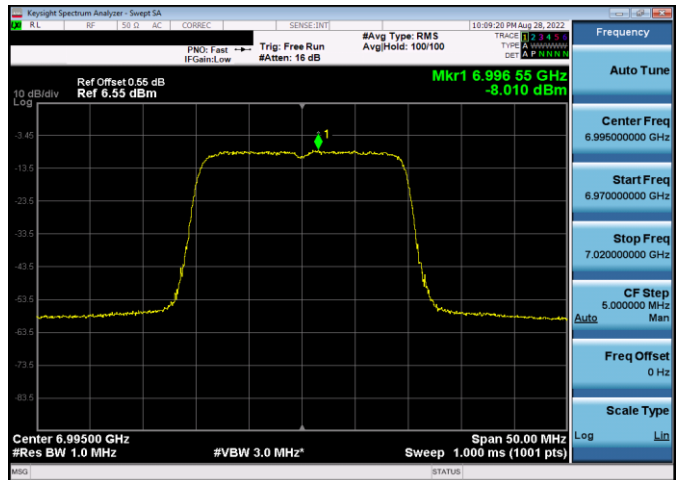
Plot 7-229. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



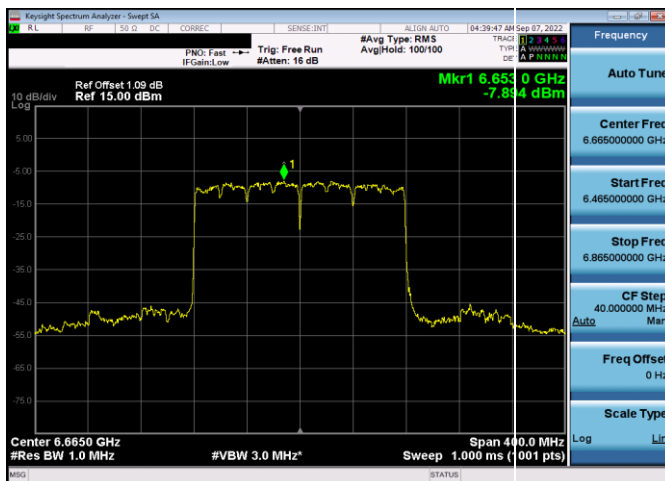
Plot 7-232. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



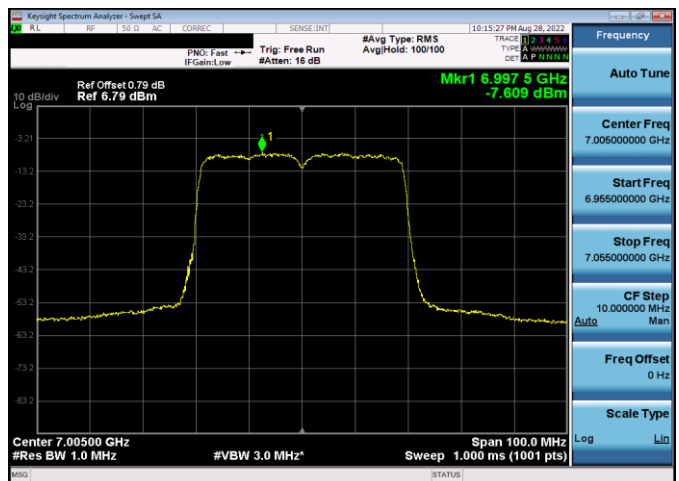
Plot 7-230. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-233. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

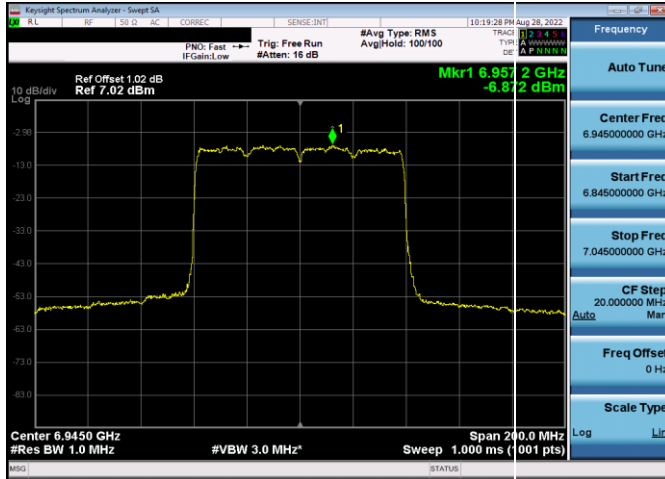


Plot 7-231. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

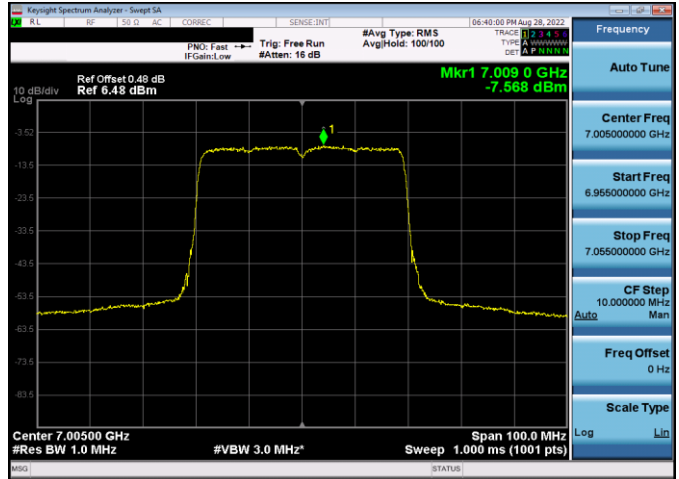


Plot 7-234. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

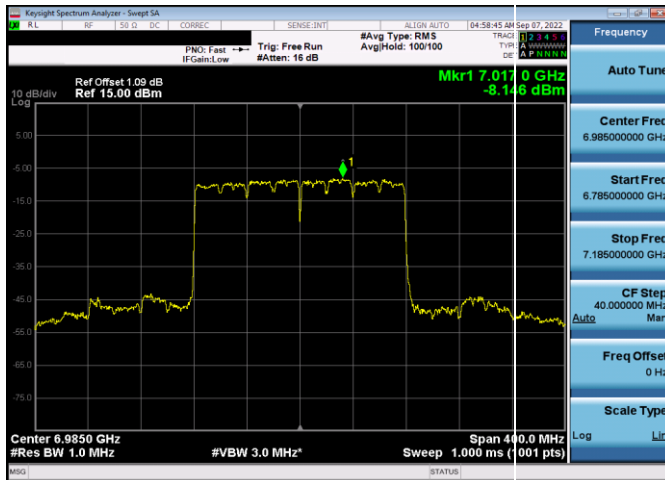
FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 93 of 282



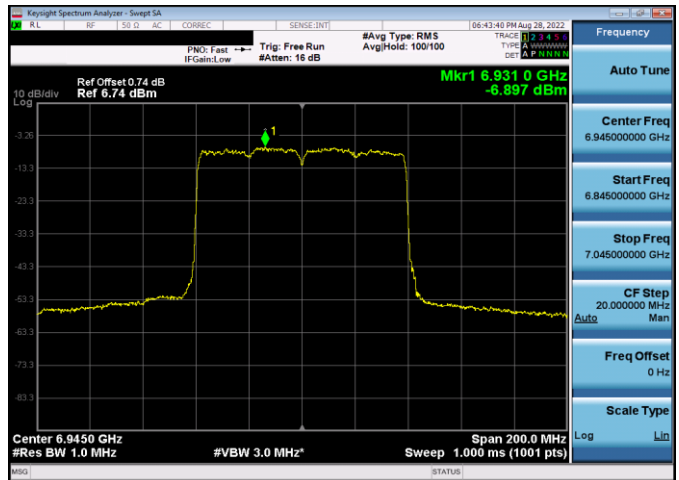
Plot 7-235. Power Spectral Density Plot Antenna 4a (80MHz) 802.11ax (UNII Band 8) - Ch. 199, MCS11)



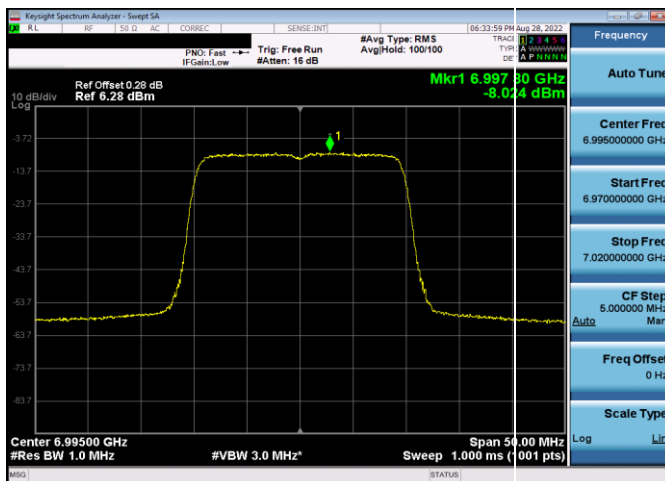
Plot 7-238. Power Spectral Density Plot Antenna 4a (40MHz) 802.11ax (UNII Band 8) - Ch. 211, MCS11)



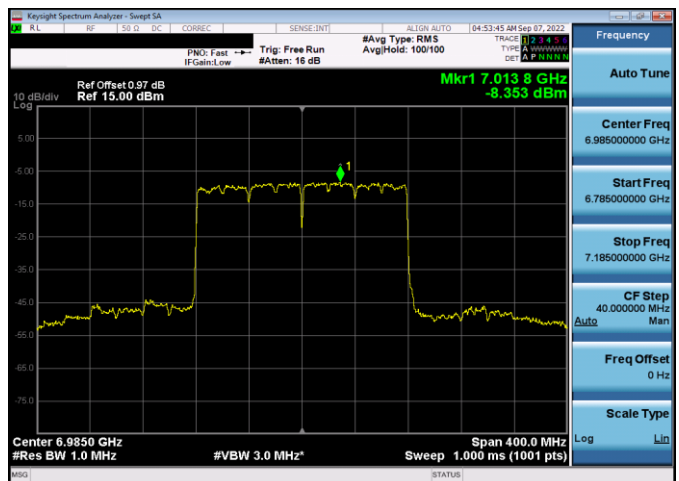
Plot 7-236. Power Spectral Density Plot Antenna 4a (160MHz) 802.11ax (UNII Band 8) - Ch. 207, MCS11)



Plot 7-239. Power Spectral Density Plot Antenna 4a (80MHz) 802.11ax (UNII Band 8) - Ch. 199, MCS11)



Plot 7-237. Power Spectral Density Plot Antenna 4a (20MHz) 802.11ax (UNII Band 8) - Ch. 209, MCS11)



Plot 7-240. Power Spectral Density Plot Antenna 4a (160MHz) 802.11ax (UNII Band 8) - Ch. 207, MCS11)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 94 of 282

7.4.3 SDM Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [MHz]	Antenna 5b Measured Power Density [dBm/MHz]	Antenna 4a Measured 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)	SDM	48.8/51.6 (MCS2)	-10.36	-10.20	-7.27	2.41	-4.86	-1	-3.86
	6175	45	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-10.64	-10.91	-7.76	2.21	-5.55	-1	-4.55
	6415	93	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-10.08	-10.77	-7.40	3.02	-4.38	-1	-3.38
	5965	3	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-7.92	-8.83	-5.34	2.41	-2.93	-1	-1.93
	6165	43	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.57	-8.80	-5.67	2.21	-3.46	-1	-2.46
	6405	91	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.99	-8.71	-5.84	2.89	-2.95	-1	-1.95
	5985	7	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-7.58	-8.34	-4.93	2.41	-2.53	-1	-1.53
	6145	39	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-7.17	-8.36	-4.71	2.21	-2.50	-1	-1.50
	6385	87	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-7.54	-8.53	-5.00	2.89	-2.11	-1	-1.11
	6025	15	ax (160MHz)	SDM	408.3/432.4 (MCS2)	-8.09	-8.55	-5.31	2.13	-3.17	-1	-2.17
Band 6	6185	47	ax (160MHz)	SDM	408.3/432.4 (MCS2)	-8.13	-8.79	-5.44	2.21	-3.23	-1	-2.23
	6345	79	ax (160MHz)	SDM	408.3/432.4 (MCS2)	-8.35	-8.96	-5.63	2.89	-2.75	-1	-1.75
	6435	97	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-10.67	-10.47	-7.56	3.02	-4.54	-1	-3.54
	6475	105	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-11.02	-11.11	-8.05	3.02	-5.03	-1	-4.03
	6515	113	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-11.79	-10.96	-8.34	1.93	-6.41	-1	-5.41
	6445	99	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.87	-9.39	-6.11	3.02	-3.09	-1	-2.09
	6485	107	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.97	-9.86	-6.38	3.02	-3.36	-1	-2.36
	6525	115	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-9.06	-9.84	-6.42	1.93	-4.49	-1	-3.49
	6465	103	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-8.58	-9.14	-5.84	3.02	-2.82	-1	-1.82
	6505	111	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-8.55	-9.13	-5.82	1.93	-3.89	-1	-2.89
Band 7	6535	117	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-12.71	-11.44	-9.02	1.93	-7.08	-1	-6.08
	6695	149	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-10.79	-11.01	-7.89	2.20	-5.68	-1	-4.68
	6875	185	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-9.93	-11.20	-7.51	2.46	-5.05	-1	-4.05
	6565	123	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.89	-9.71	-6.27	1.93	-4.34	-1	-3.34
	6725	155	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.80	-9.64	-6.19	2.15	-4.04	-1	-3.04
	6845	179	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.43	-9.17	-5.78	2.46	-3.31	-1	-2.31
	6545	119	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-8.70	-9.54	-6.09	1.93	-4.15	-1	-3.15
	6705	151	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-8.68	-9.26	-5.95	2.20	-3.75	-1	-2.75
	6865	183	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-8.54	-9.15	-5.82	2.46	-3.36	-1	-2.36
	6665	143	ax (160MHz)	SDM	408.3/432.4 (MCS2)	-10.45	-11.07	-7.74	2.20	-5.54	-1	-4.54
Band 8	6825	175	ax (160MHz)	SDM	408.3/432.4 (MCS2)	-10.55	-11.01	-7.76	2.46	-5.30	-1	-4.30
	6895	189	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-10.25	-11.49	-7.82	2.46	-5.35	-1	-4.35
	6995	209	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-10.96	-11.08	-8.01	1.90	-6.11	-1	-5.11
	7115	233	ax (20MHz)	SDM	48.8/51.6 (MCS2)	-10.80	-10.53	-7.65	1.60	-6.05	-1	-5.05
	6885	187	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-10.04	-10.32	-7.17	2.46	-4.70	-1	-3.70
	7005	211	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-8.98	-9.08	-6.02	1.90	-4.12	-1	-3.12
	7085	227	ax (40MHz)	SDM	97.5/103.2 (MCS2)	-9.39	-9.30	-6.33	1.60	-4.73	-1	-3.73
	6945	199	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-9.29	-9.73	-6.49	1.90	-4.59	-1	-3.59
	7025	215	ax (80MHz)	SDM	204.2/216.2 (MCS2)	-8.87	-9.44	-6.13	1.60	-4.53	-1	-3.53
	6985	207	ax (160MHz)	SDM	408.3/432.4 (MCS2)	-8.41	-8.70	-5.54	1.90	-3.64	-1	-2.64

Table 7-50. Power Spectral Density Measurements SDM (Low Data Rate)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 95 of 282

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [MHz]	Antenna 5b Measured Power Density [dBm/MHz]	Antenna 4a Measured 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)	SDM	97.5/103.2 (MCS4)	-9.46	-10.24	-6.82	2.41	-4.41	-1	-3.41
	6175	45	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-10.28	-10.70	-7.47	2.21	-5.26	-1	-4.26
	6415	93	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-9.61	-10.41	-6.98	3.02	-3.96	-1	-2.96
	5965	3	ax (40MHz)	SDM	195/206.5 (MCS4)	-7.62	-8.17	-4.87	2.41	-2.47	-1	-1.47
	6165	43	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.35	-8.13	-5.22	2.21	-3.02	-1	-2.02
	6405	91	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.70	-8.27	-5.47	2.89	-2.58	-1	-1.58
	5985	7	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-7.57	-8.11	-4.82	2.41	-2.41	-1	-1.41
	6145	39	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-8.26	-7.96	-5.10	2.21	-2.89	-1	-1.89
	6385	87	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-8.84	-8.34	-5.57	2.89	-2.68	-1	-1.68
	6025	15	ax (160MHz)	SDM	816.7/864.7 (MCS4)	-7.97	-8.57	-5.25	2.13	-3.12	-1	-2.12
	6185	47	ax (160MHz)	SDM	816.7/864.7 (MCS4)	-8.08	-7.88	-4.97	2.21	-2.76	-1	-1.76
	6345	79	ax (160MHz)	SDM	816.7/864.7 (MCS4)	-7.49	-8.51	-4.96	2.89	-2.07	-1	-1.07
Band 6	6435	97	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-10.70	-10.68	-7.68	3.02	-4.66	-1	-3.66
	6475	105	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-11.95	-10.83	-8.35	3.02	-5.33	-1	-4.33
	6515	113	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-12.25	-10.88	-8.50	1.93	-6.57	-1	-5.57
	6445	99	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.65	-9.32	-5.96	3.02	-2.94	-1	-1.94
	6485	107	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.73	-9.34	-6.01	3.02	-2.99	-1	-1.99
	6525	115	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.76	-9.31	-6.02	1.93	-4.08	-1	-3.08
	6465	103	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-8.43	-8.83	-5.61	3.02	-2.59	-1	-1.59
	6505	111	ax (160MHz)	SDM	816.7/864.7 (MCS4)	-8.32	-8.67	-5.48	1.93	-3.55	-1	-2.55
Band 7	6535	117	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-12.53	-11.32	-8.87	1.93	-6.94	-1	-5.94
	6695	149	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-11.81	-10.73	-8.23	2.20	-6.02	-1	-5.02
	6875	185	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-11.07	-11.10	-8.08	2.46	-5.61	-1	-4.61
	6565	123	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.48	-9.59	-5.99	1.93	-4.06	-1	-3.06
	6725	155	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.45	-9.23	-5.81	2.15	-3.67	-1	-2.67
	6845	179	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.40	-8.86	-5.62	2.46	-3.15	-1	-2.15
	6545	119	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-8.41	-9.19	-5.77	1.93	-3.84	-1	-2.84
	6705	151	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-8.17	-9.15	-5.62	2.20	-3.42	-1	-2.42
	6865	183	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-7.92	-8.42	-5.15	2.46	-2.69	-1	-1.69
	6665	143	ax (160MHz)	SDM	816.7/864.7 (MCS4)	-9.86	-10.48	-7.15	2.20	-4.94	-1	-3.94
	6825	175	ax (160MHz)	SDM	816.7/864.7 (MCS4)	-8.65	-8.43	-5.53	2.46	-3.07	-1	-2.07
	6895	189	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-10.61	-11.36	-7.96	2.46	-5.49	-1	-4.49
Band 8	6995	209	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-11.10	-10.71	-7.89	1.90	-5.99	-1	-4.99
	7115	233	ax (20MHz)	SDM	97.5/103.2 (MCS4)	-10.76	-10.93	-7.84	1.60	-6.23	-1	-5.23
	6885	187	ax (40MHz)	SDM	195/206.5 (MCS4)	-9.80	-10.27	-7.01	2.46	-4.55	-1	-3.55
	7005	211	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.78	-9.05	-5.90	1.90	-4.00	-1	-3.00
	7085	227	ax (40MHz)	SDM	195/206.5 (MCS4)	-8.89	-9.16	-6.01	1.60	-4.41	-1	-3.41
	6945	199	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-8.80	-9.44	-6.09	1.90	-4.19	-1	-3.19
	7025	215	ax (80MHz)	SDM	408.3/432.4 (MCS4)	-8.69	-9.30	-5.98	1.60	-4.37	-1	-3.37
	6985	207	ax (160MHz)	SDM	816.7/864.7 (MCS4)	-8.40	-8.78	-5.57	1.90	-3.67	-1	-2.67

Table 7-51. Power Spectral Density Measurements SDM (Mid Data Rate)

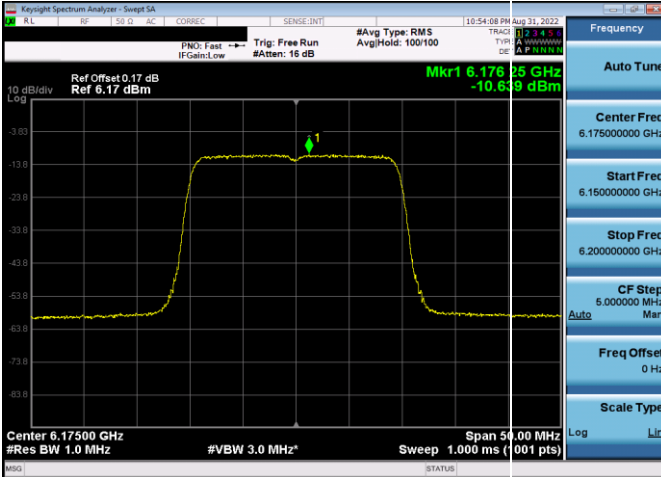
FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 96 of 282

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [MHz]	Antenna 5b Measured Power Density [dBm/MHz]	Antenna 4a Measured 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)	SDM	270.8/286.8 (MCS11)	-9.19	-10.06	-6.59	2.41	-4.18	-1	-3.18
	6175	45	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-10.13	-10.62	-7.36	2.21	-5.15	-1	-4.15
	6415	93	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-10.39	-10.41	-7.39	3.02	-4.37	-1	-3.37
	5965	3	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-7.75	-8.32	-5.02	2.41	-2.61	-1	-1.61
	6165	43	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.32	-8.22	-5.26	2.21	-3.05	-1	-2.05
	6405	91	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.71	-8.49	-5.59	2.89	-2.70	-1	-1.70
	5985	7	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-7.61	-7.75	-4.67	2.41	-2.26	-1	-1.26
	6145	39	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.76	-7.73	-5.20	2.21	-2.99	-1	-1.99
	6385	87	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.44	-8.26	-5.34	2.89	-2.45	-1	-1.45
	6025	15	ax (160MHz)	SDM	2268.5/2402 (MCS11)	-7.73	-8.52	-5.09	2.13	-2.96	-1	-1.96
Band 6	6185	47	ax (160MHz)	SDM	2268.5/2402 (MCS11)	-7.95	-8.24	-5.08	2.21	-2.87	-1	-1.87
	6345	79	ax (160MHz)	SDM	2268.5/2402 (MCS11)	-7.64	-8.69	-5.12	2.89	-2.23	-1	-1.23
	6435	97	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-10.48	-10.39	-7.42	3.02	-4.40	-1	-3.40
	6475	105	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-11.62	-10.93	-8.25	3.02	-5.23	-1	-4.23
	6515	113	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-12.38	-11.76	-9.05	1.93	-7.11	-1	-6.11
	6445	99	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.60	-9.24	-5.90	3.02	-2.88	-1	-1.88
	6485	107	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.65	-9.23	-5.92	3.02	-2.90	-1	-1.90
	6525	115	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.33	-9.21	-5.74	1.93	-3.81	-1	-2.81
	6465	103	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.39	-8.73	-5.54	3.02	-2.52	-1	-1.52
	6505	111	ax (160MHz)	SDM	2268.5/2402 (MCS11)	-8.25	-8.86	-5.54	1.93	-3.60	-1	-2.60
Band 7	6535	117	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-12.25	-11.10	-8.63	1.93	-6.69	-1	-5.69
	6695	149	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-11.13	-10.51	-7.80	2.20	-5.59	-1	-4.59
	6875	185	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-10.57	-10.73	-7.64	2.46	-5.17	-1	-4.17
	6565	123	ax (40MHz)	SDM	271/286.8 (MCS11)	-8.27	-9.42	-5.79	1.93	-3.86	-1	-2.86
	6725	155	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.48	-9.20	-5.81	2.15	-3.67	-1	-2.67
	6845	179	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.19	-8.62	-5.39	2.46	-2.92	-1	-1.92
	6545	119	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.19	-9.27	-5.68	1.93	-3.75	-1	-2.75
	6705	151	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.43	-9.22	-5.79	2.20	-3.59	-1	-2.59
	6865	183	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.07	-8.13	-5.09	2.46	-2.62	-1	-1.62
	6665	143	ax (160MHz)	SDM	2268.5/2402 (MCS11)	-10.02	-10.78	-7.37	2.20	-5.16	-1	-4.16
Band 8	6825	175	ax (160MHz)	SDM	2268.5/2402 (MCS11)	-7.96	-8.95	-5.42	2.46	-2.96	-1	-1.96
	6895	189	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-10.09	-11.00	-7.51	2.46	-5.05	-1	-4.05
	6995	209	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-10.72	-10.83	-7.77	1.90	-5.87	-1	-4.87
	7115	233	ax (20MHz)	SDM	270.8/286.8 (MCS11)	-10.39	-10.53	-7.45	1.60	-5.84	-1	-4.84
	6885	187	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-9.45	-10.12	-6.76	2.46	-4.30	-1	-3.30
	7005	211	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-8.65	-8.83	-5.73	1.90	-3.82	-1	-2.82
	7085	227	ax (40MHz)	SDM	541.7/573.5 (MCS11)	-9.06	-9.08	-6.06	1.60	-4.46	-1	-3.46
	6945	199	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.94	-9.43	-6.17	1.90	-4.26	-1	-3.26
	7025	215	ax (80MHz)	SDM	1134.3/1201 (MCS11)	-8.67	-9.32	-5.97	1.60	-4.37	-1	-3.37
	6985	207	ax (160MHz)	SDM	2268.5/2402 (MCS11)	-8.13	-8.46	-5.28	1.90	-3.38	-1	-2.38

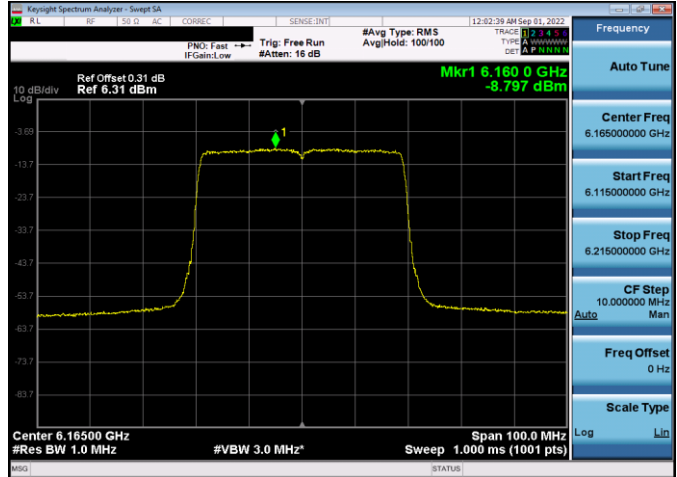
Table 7-52. Power Spectral Density Measurements SDM (High Data Rate)

FCC ID: BCGA2435 IC: 579C-A2435	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 97 of 282

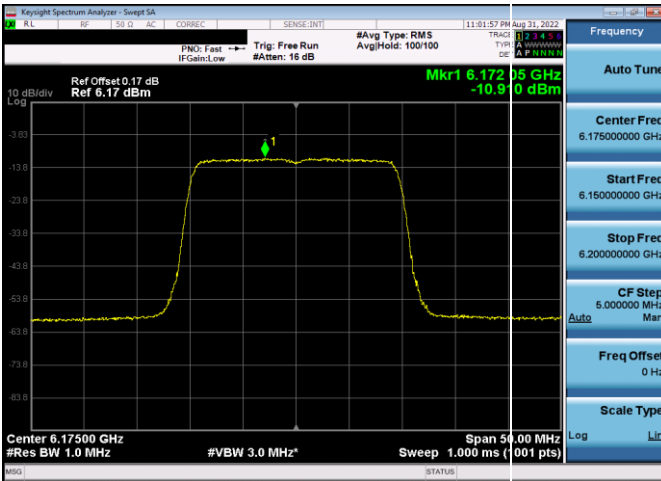
Low Data Rate



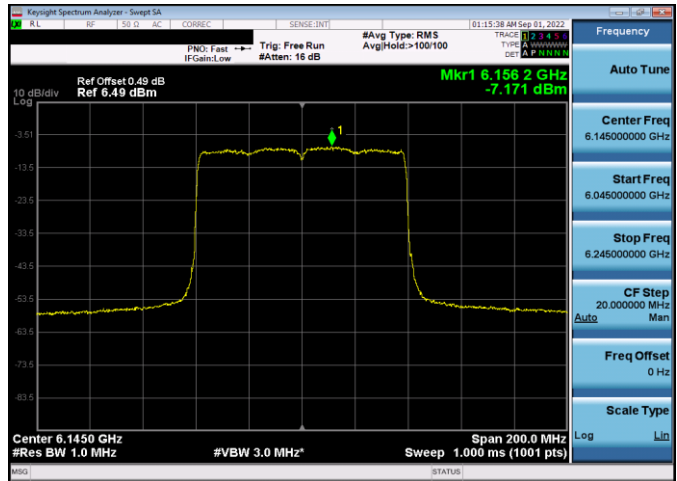
Plot 7-241. Power Spectral Density Plot SDM Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



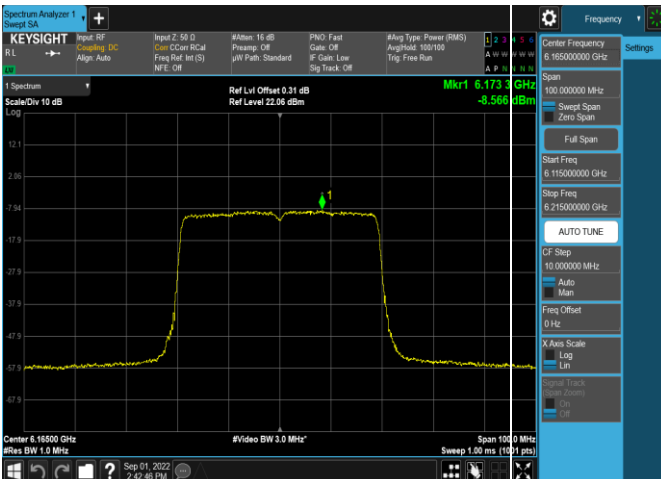
Plot 7-244. Power Spectral Density Plot SDM Antenna 4a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)



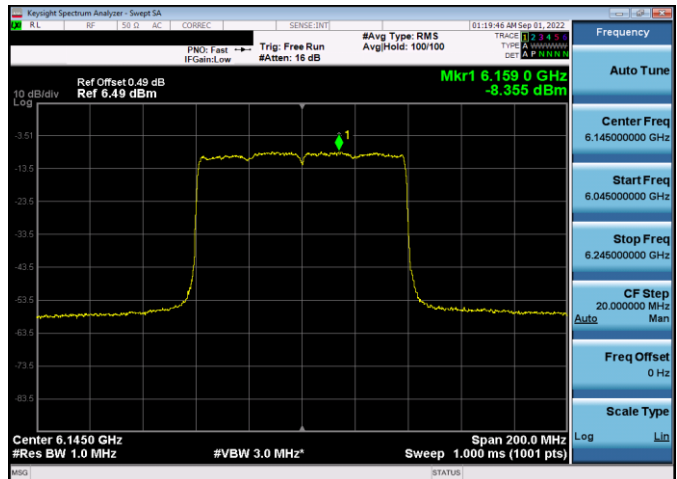
Plot 7-242. Power Spectral Density Plot SDM Antenna 4a (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-245. Power Spectral Density Plot SDM Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)

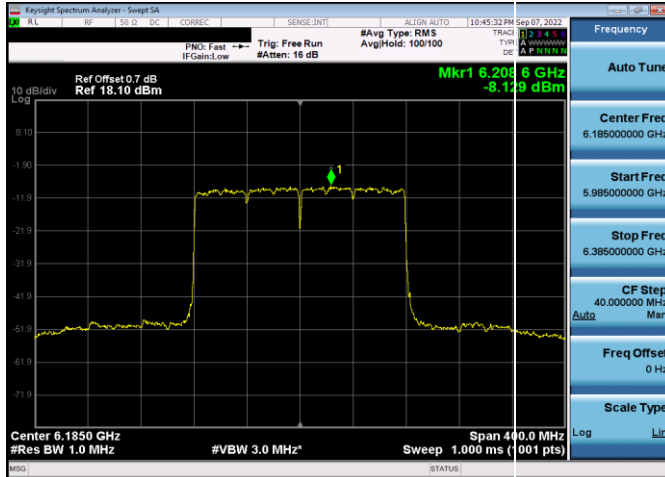


Plot 7-243. Power Spectral Density Plot SDM Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)

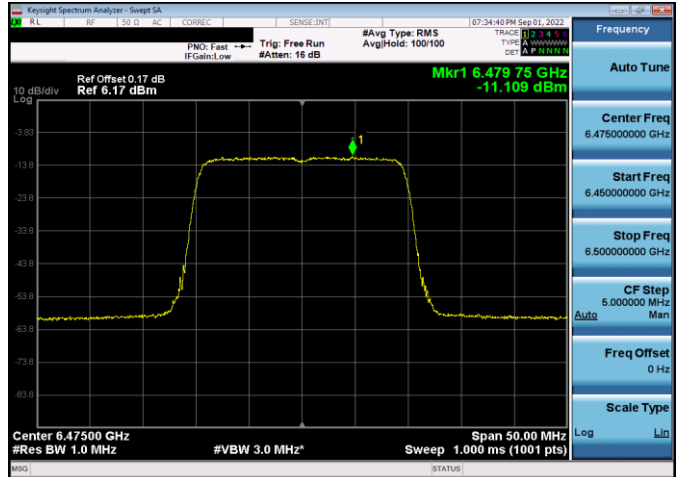


Plot 7-246. Power Spectral Density Plot SDM Antenna 4a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)

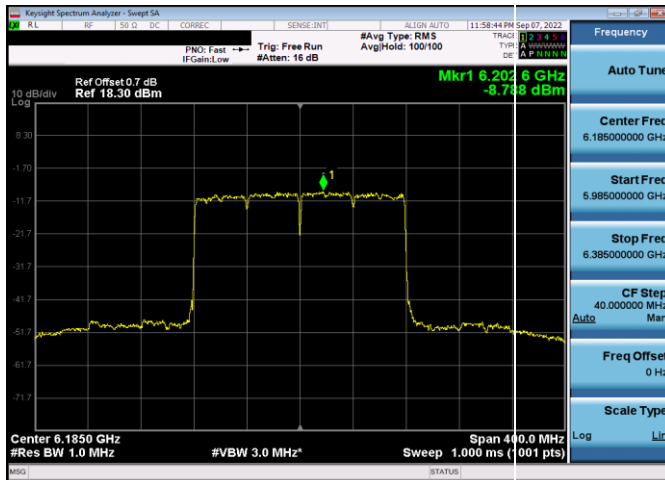
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 98 of 282



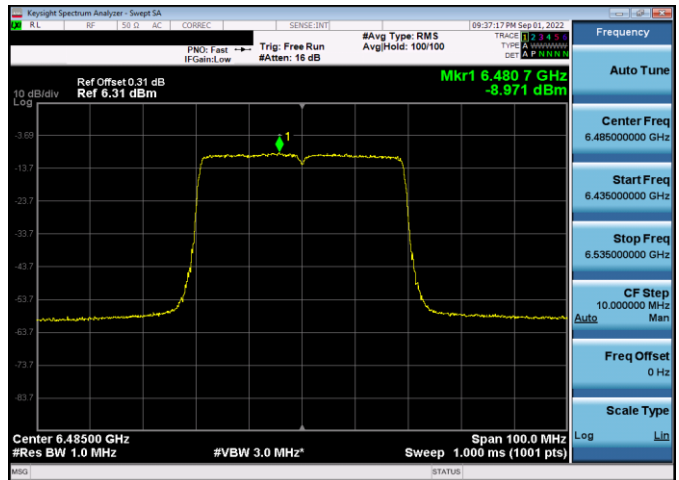
Plot 7-247. Power Spectral Density Plot SDM Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)



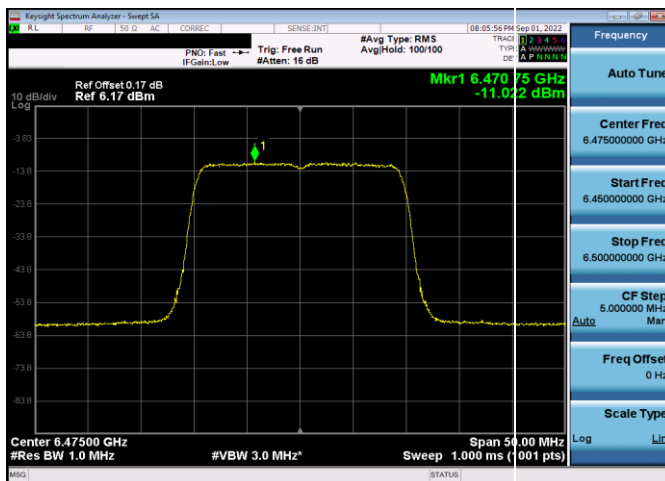
Plot 7-250. Power Spectral Density Plot SDM Antenna 4a (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



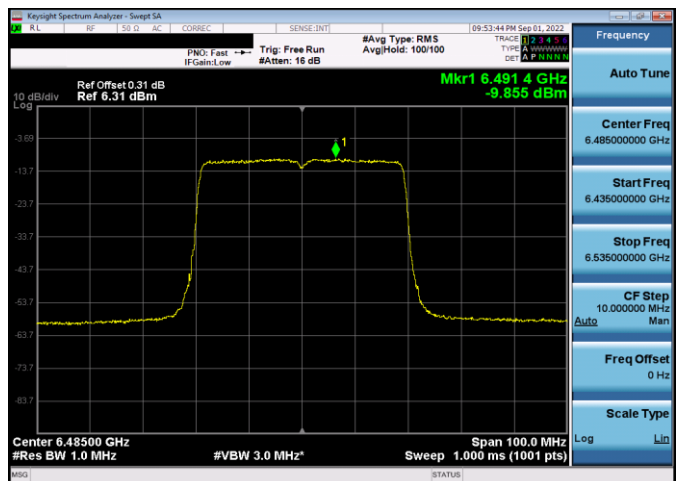
Plot 7-248. Power Spectral Density Plot SDM Antenna 4a (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)



Plot 7-251. Power Spectral Density Plot SDM Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-249. Power Spectral Density Plot SDM Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



Plot 7-252. Power Spectral Density Plot SDM Antenna 4a (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)

FCC ID: BCGA2435 IC: 579C-A2435	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R2.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 99 of 282

V 10.5 12/15/2021