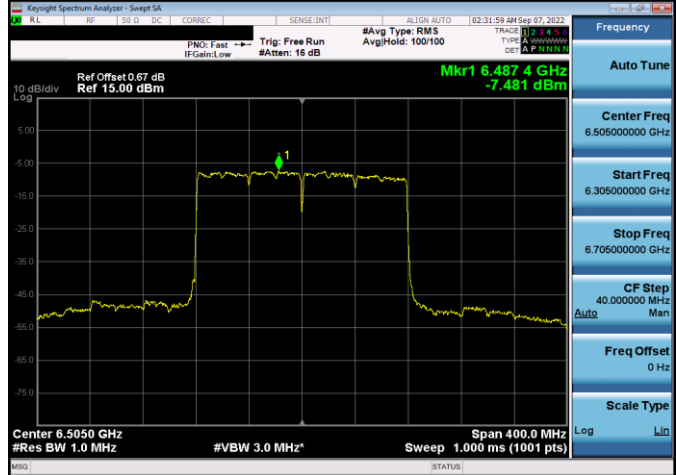
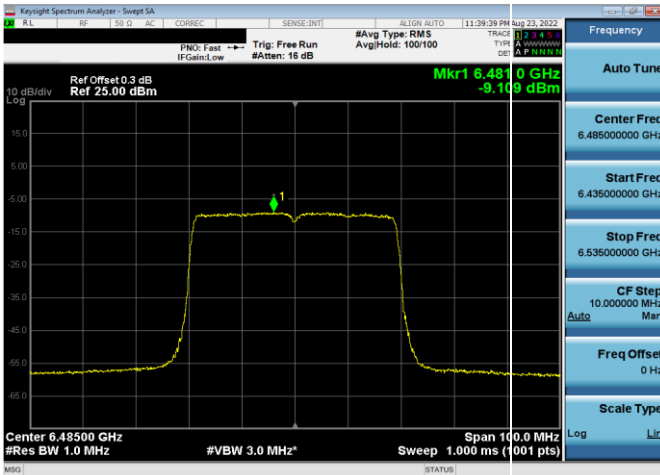


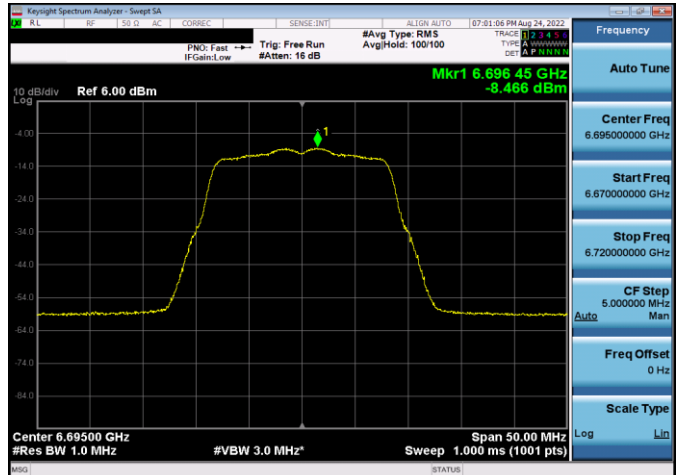
Plot 7-127. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



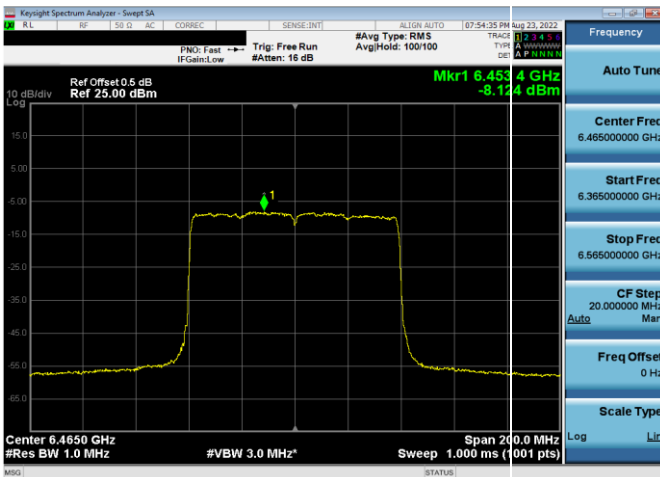
Plot 7-130. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



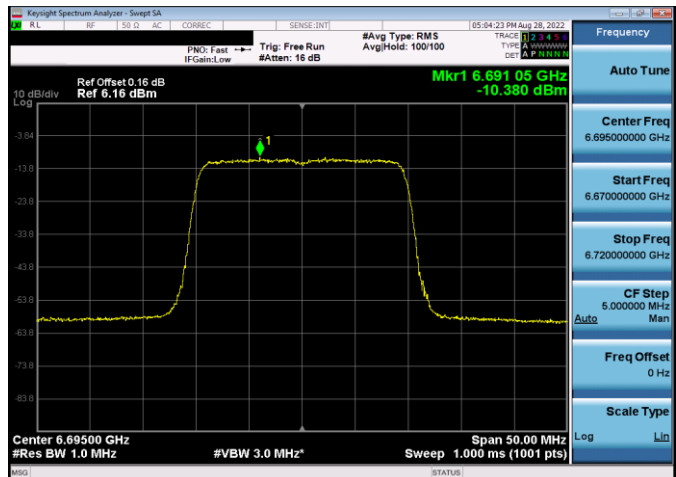
Plot 7-128. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-131. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 12Mbps)

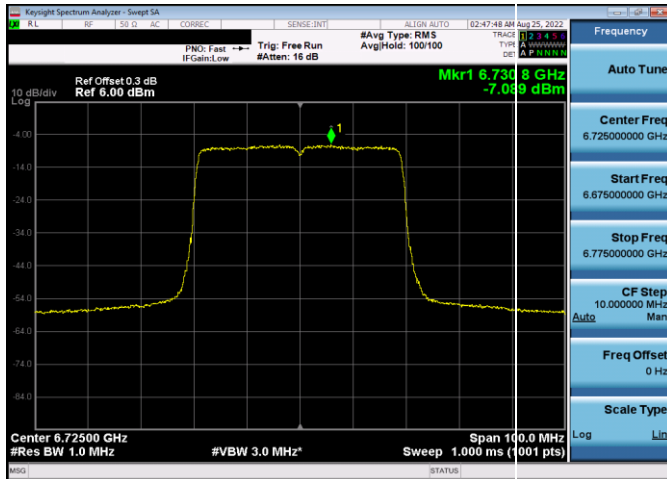


Plot 7-129. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

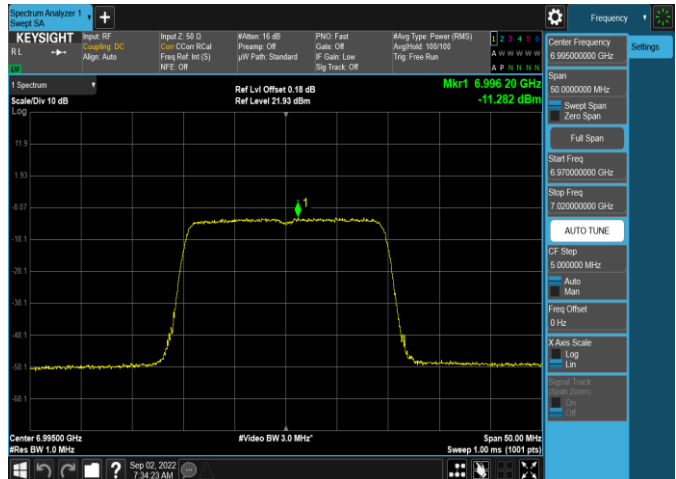


Plot 7-132. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

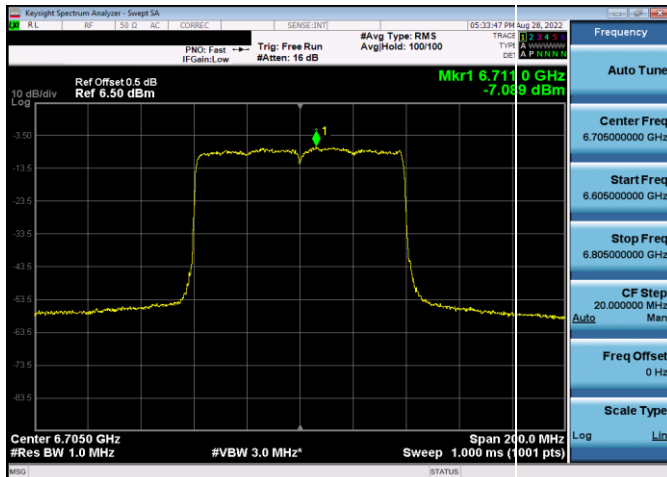
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 71 of 282



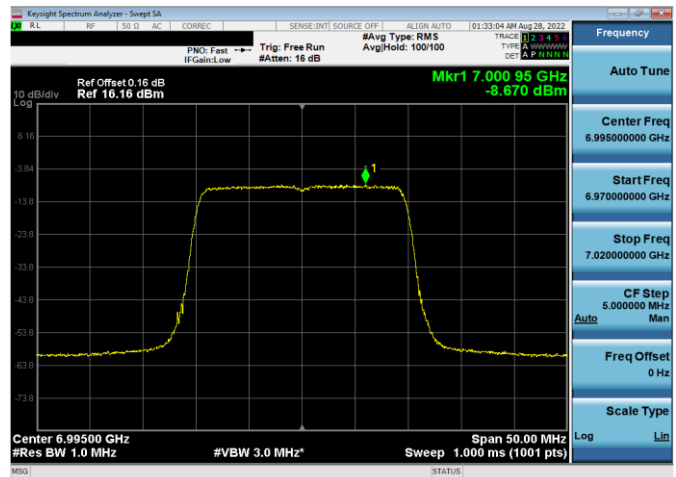
Plot 7-133. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



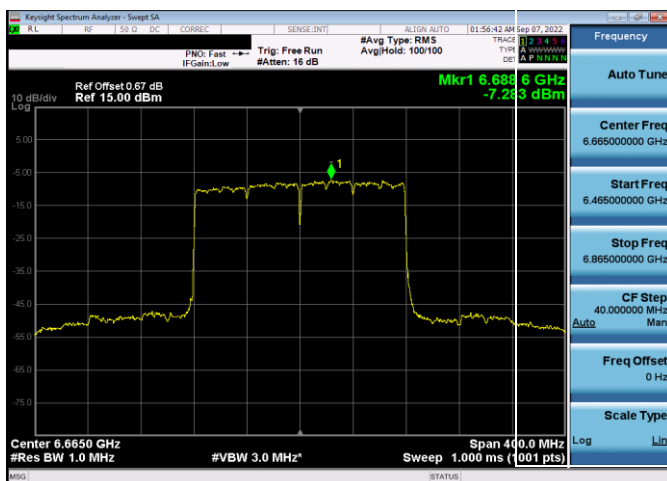
Plot 7-136. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, 12Mbps)



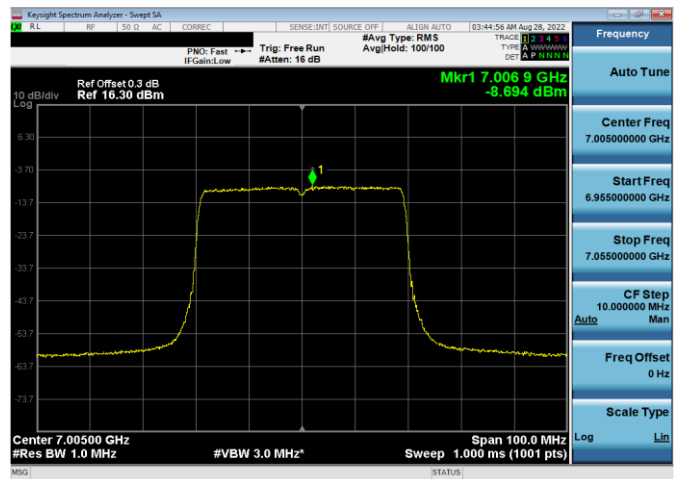
Plot 7-134. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



Plot 7-137. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS2)

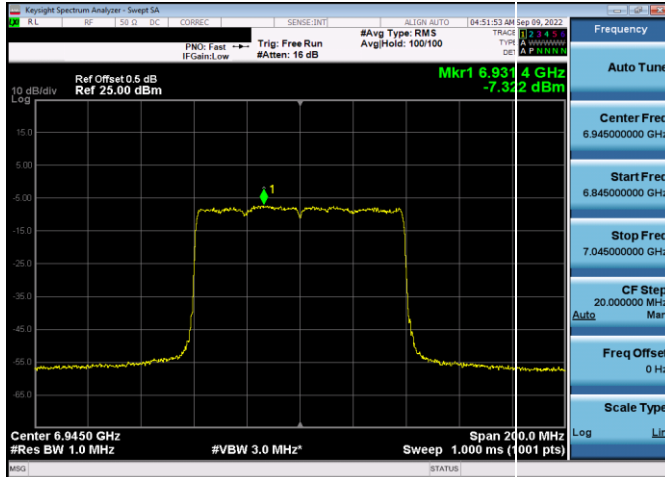


Plot 7-135. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

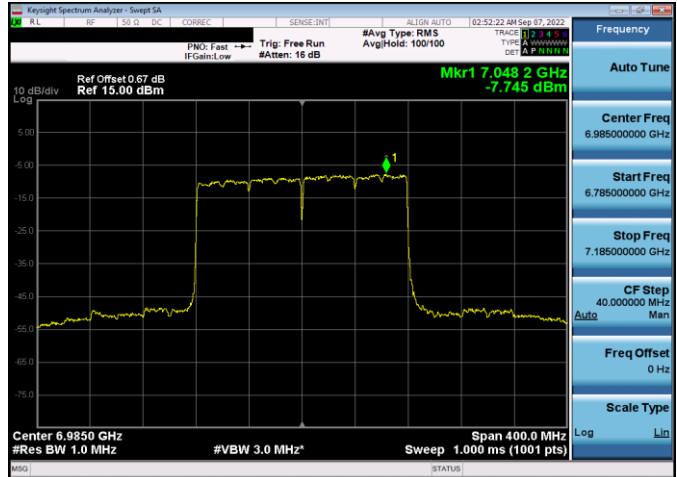


Plot 7-138. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 72 of 282



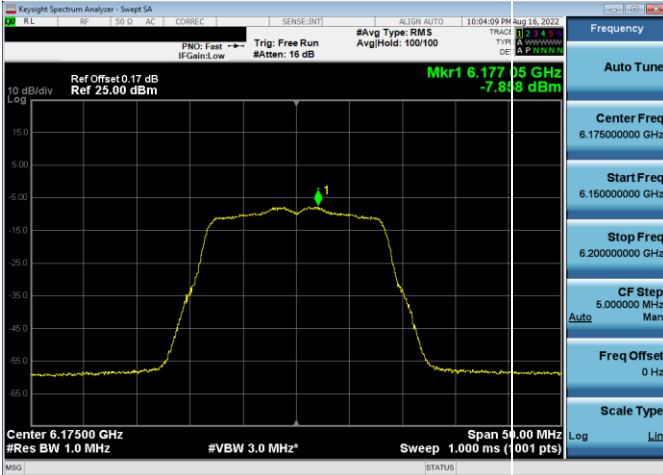
Plot 7-139. Power Spectral Density Plot Antenna 5b (80MHz) 802.11ax (UNII Band 8) - Ch. 199, MCS2



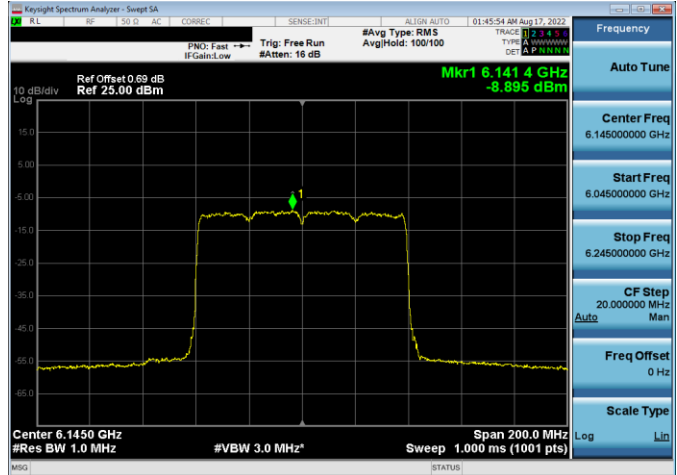
Plot 7-140. Power Spectral Density Plot Antenna 5b (160MHz) 802.11ax (UNII Band 8) - Ch. 207, MCS2

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 73 of 282

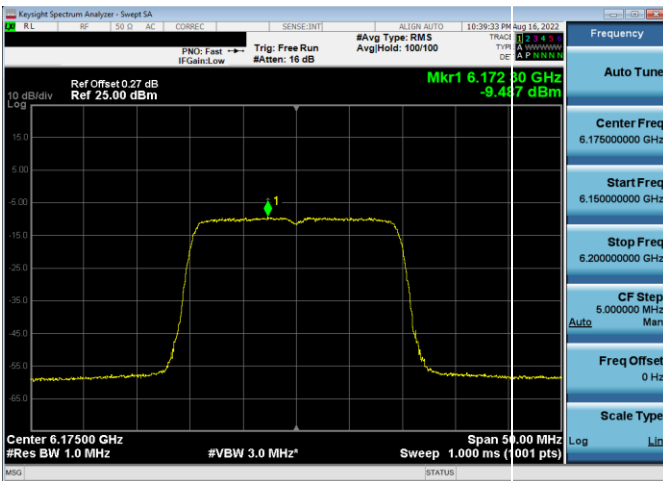
Mid Data Rate



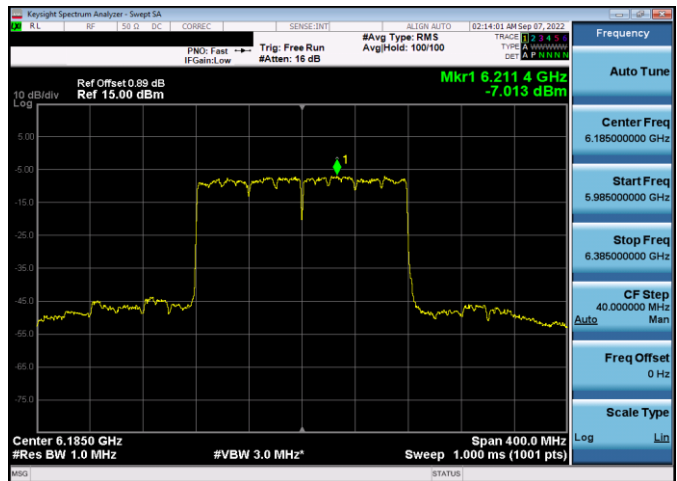
Plot 7-141. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, 24Mbps)



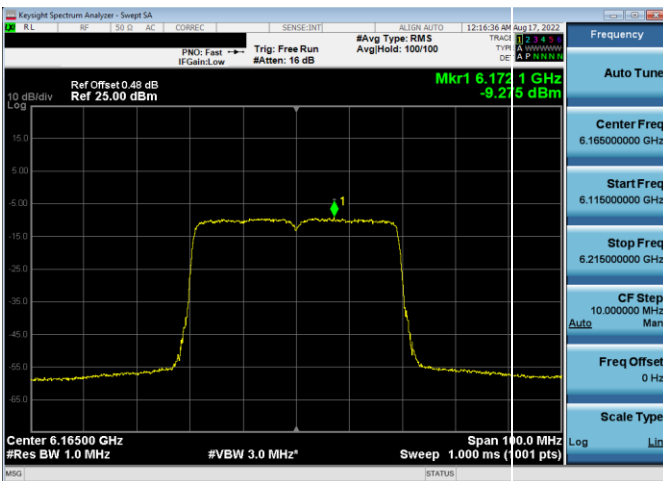
Plot 7-144. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



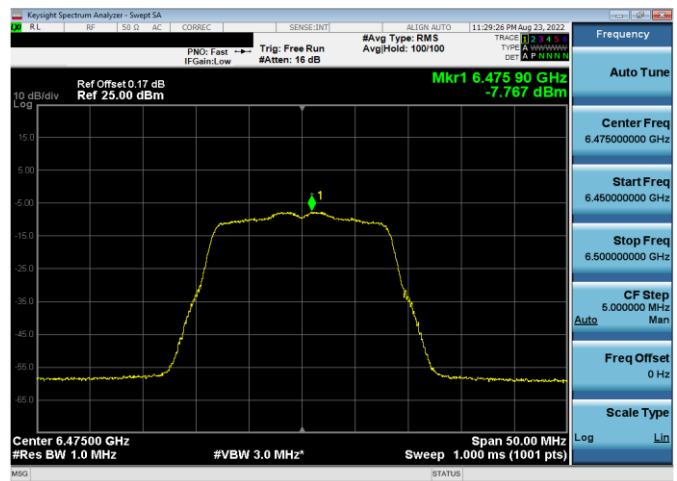
Plot 7-142. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



Plot 7-145. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS4)

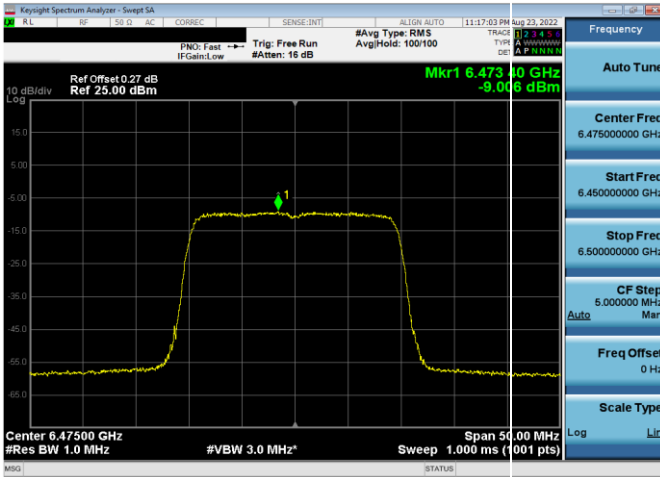


Plot 7-143. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS4)

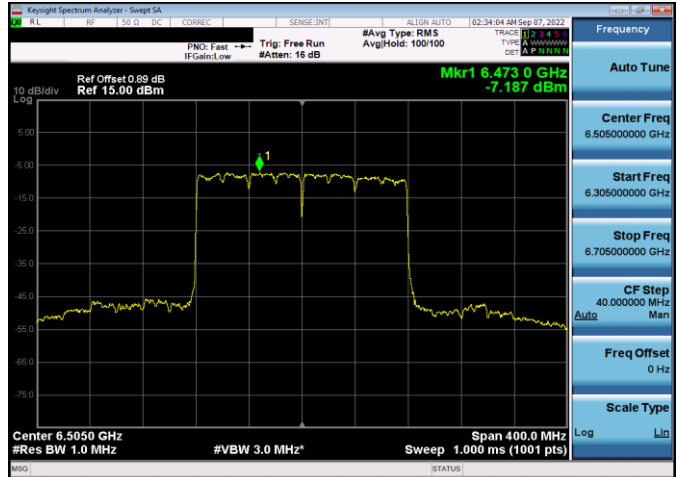


Plot 7-146. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, 24Mbps)

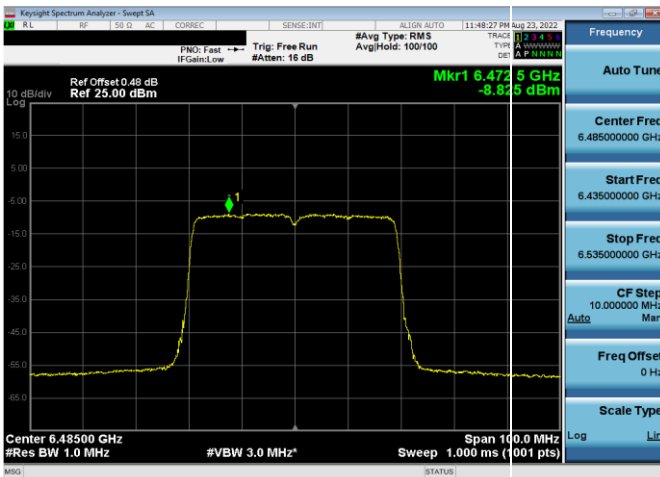
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 74 of 282



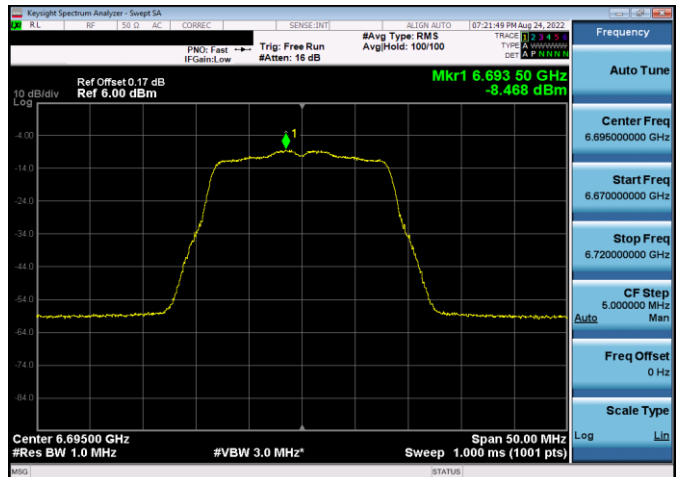
Plot 7-147. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



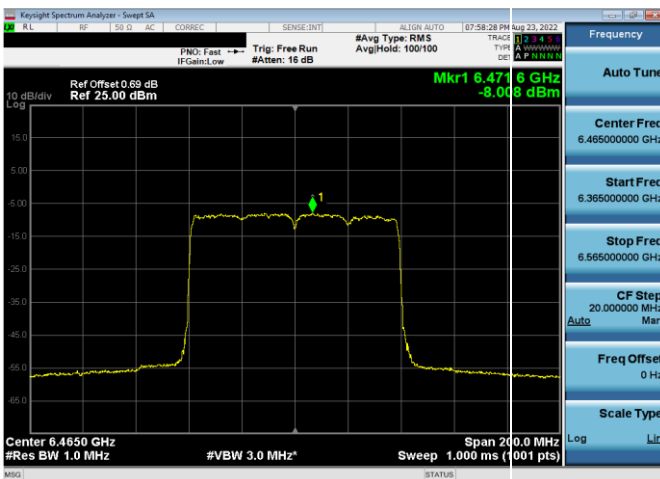
Plot 7-150. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



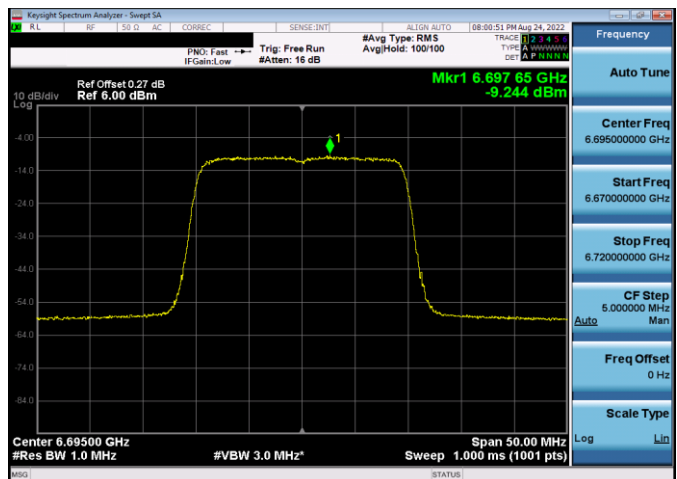
Plot 7-148. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-151. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 24Mbps)

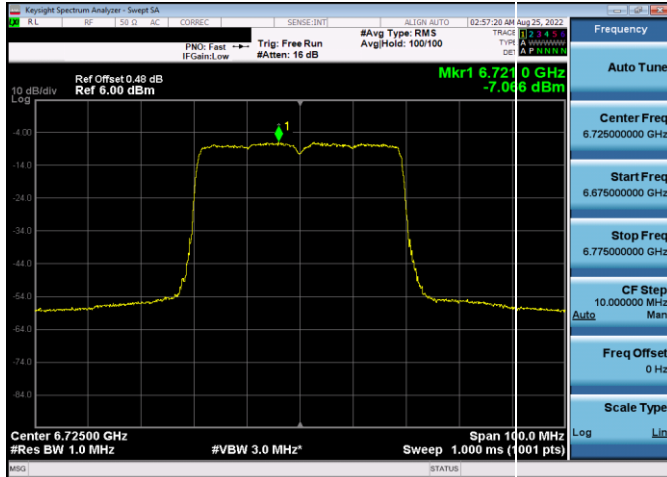


Plot 7-149. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

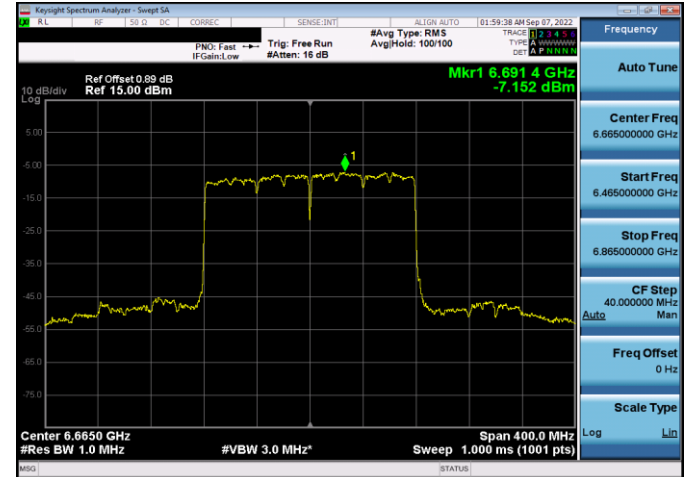


Plot 7-152. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

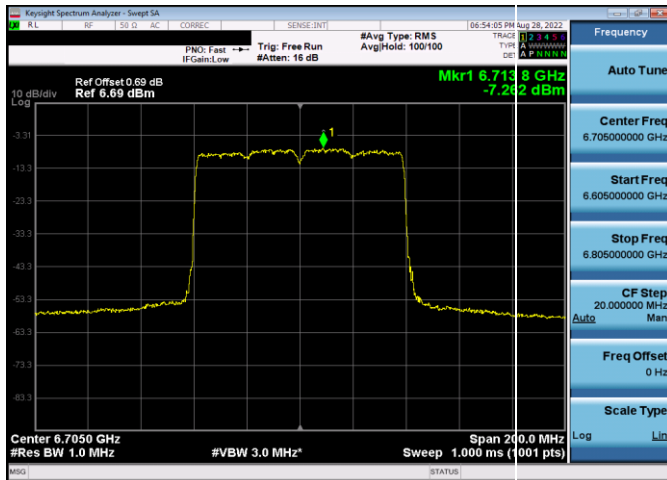
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 75 of 282



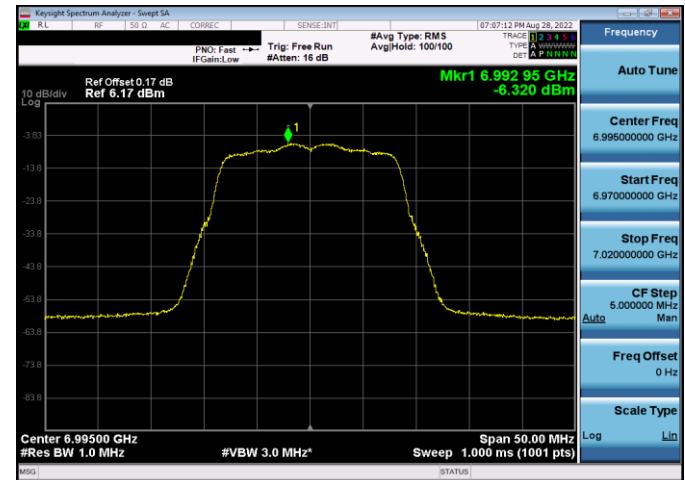
Plot 7-153. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



Plot 7-155. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)



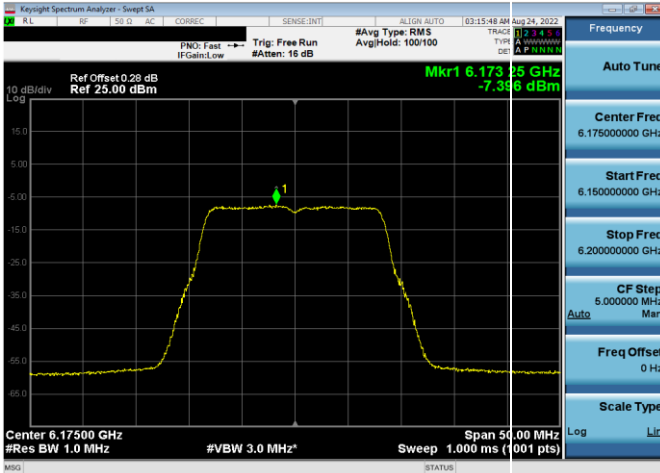
Plot 7-154. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



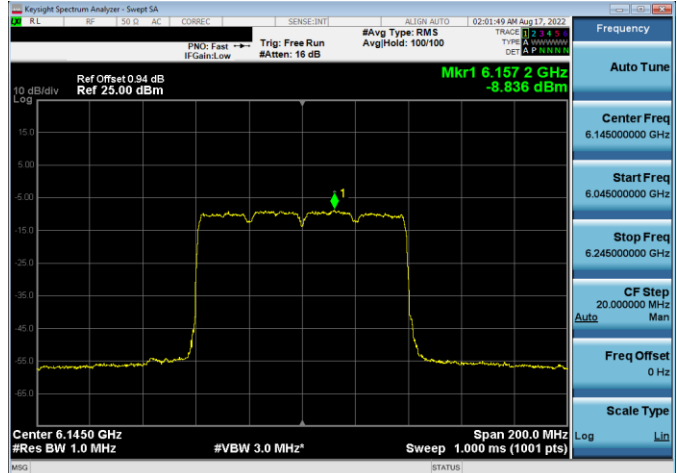
Plot 7-156. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, 24Mbps)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 76 of 282

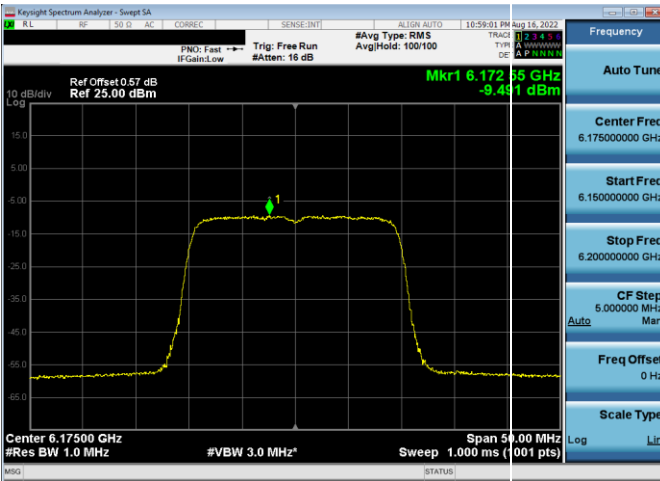
High Data Rate



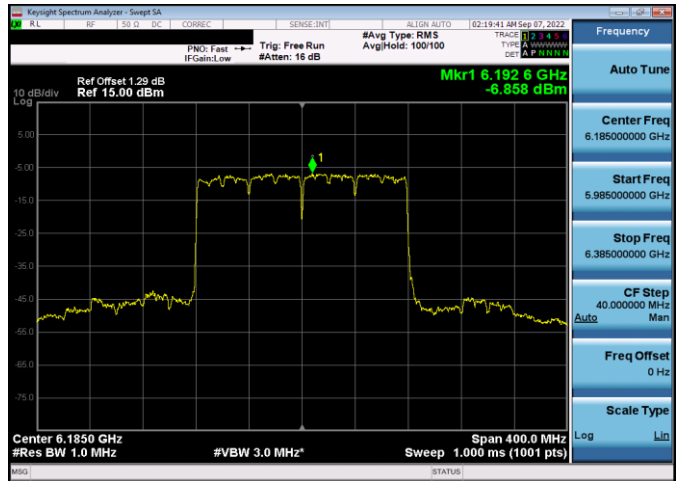
Plot 7-157. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



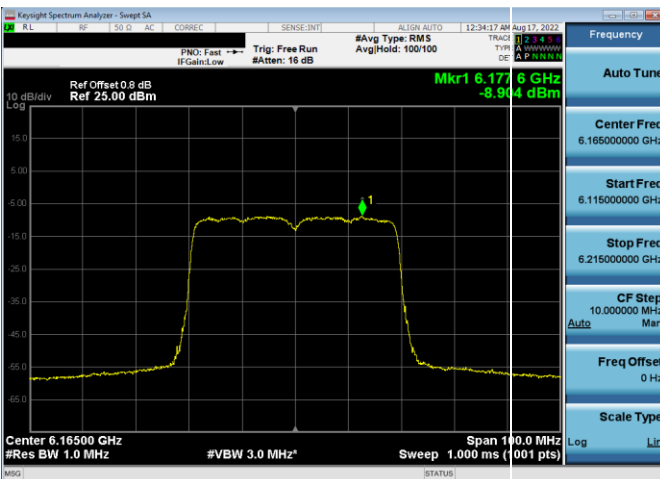
Plot 7-160. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



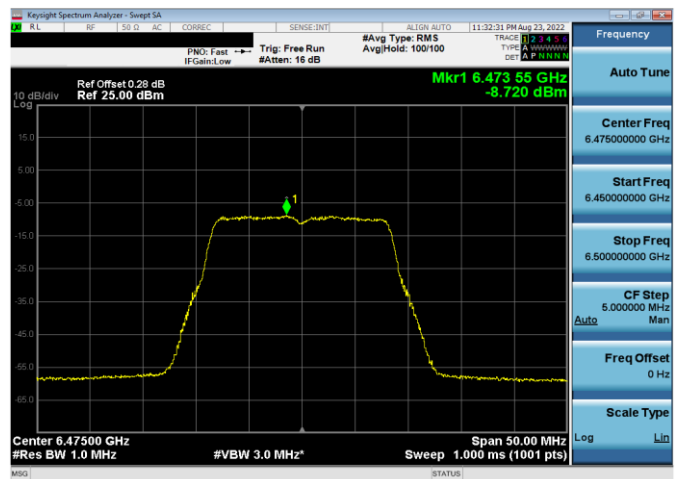
Plot 7-158. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-161. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

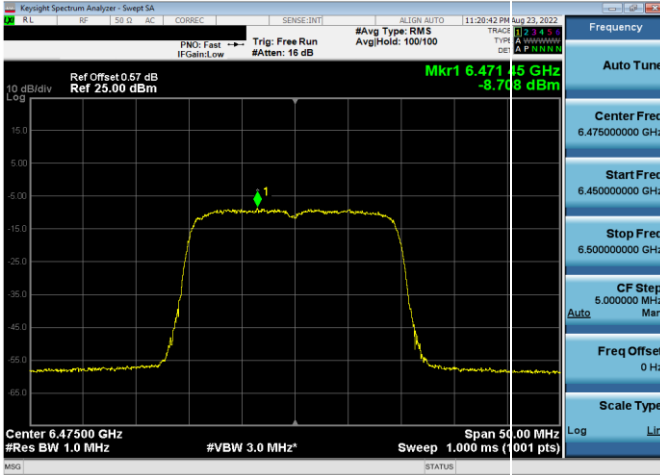


Plot 7-159. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

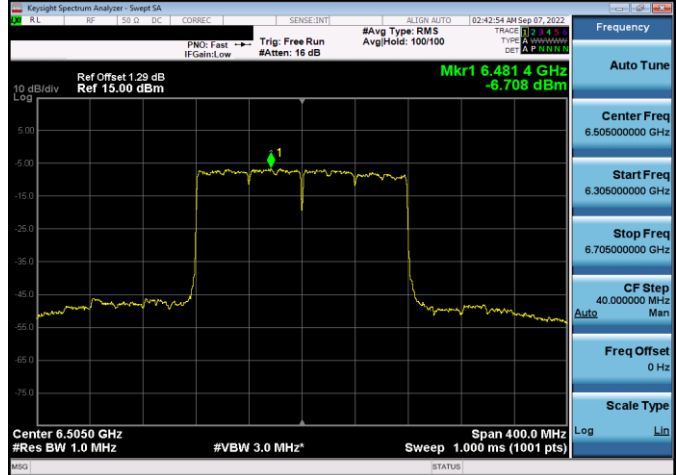


Plot 7-162. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

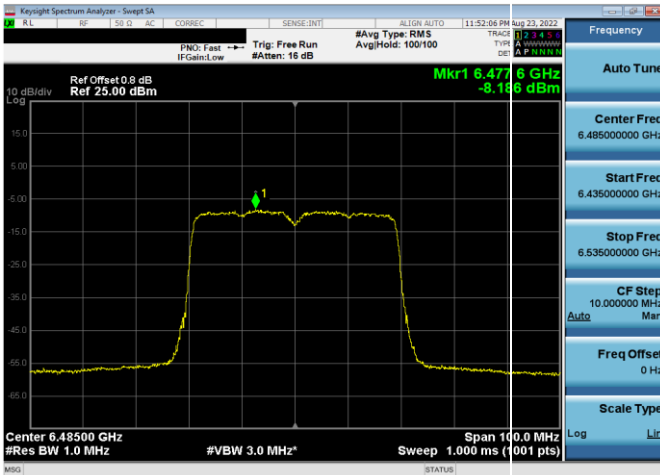
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 77 of 282



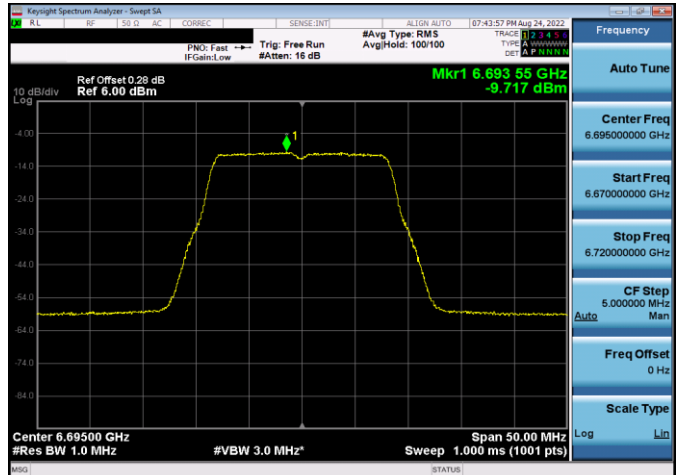
Plot 7-163. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



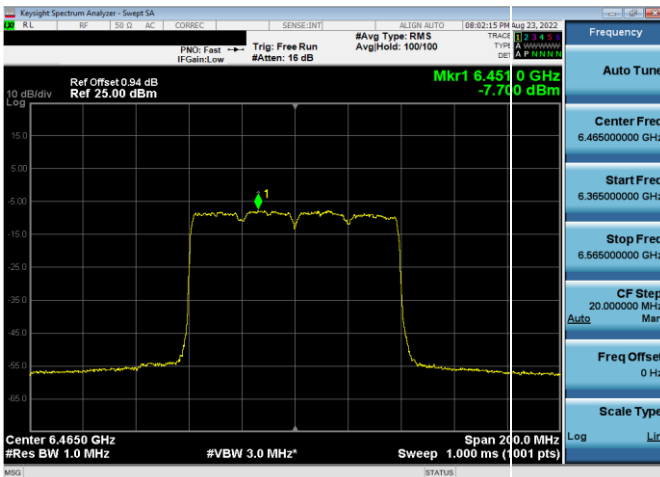
Plot 7-166. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



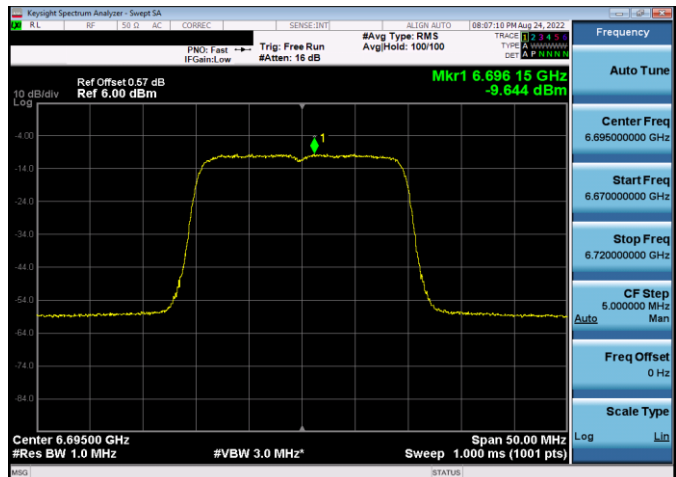
Plot 7-164. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-167. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

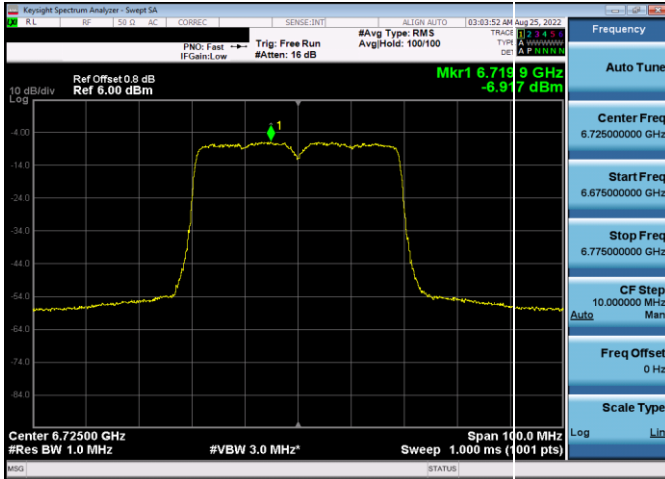


Plot 7-165. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

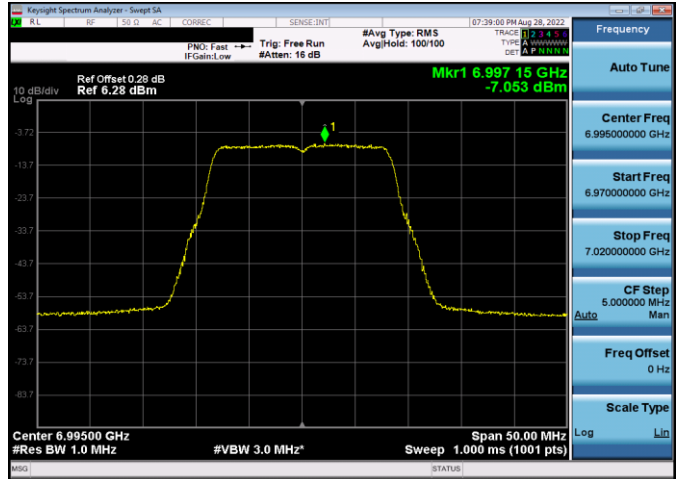


Plot 7-168. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

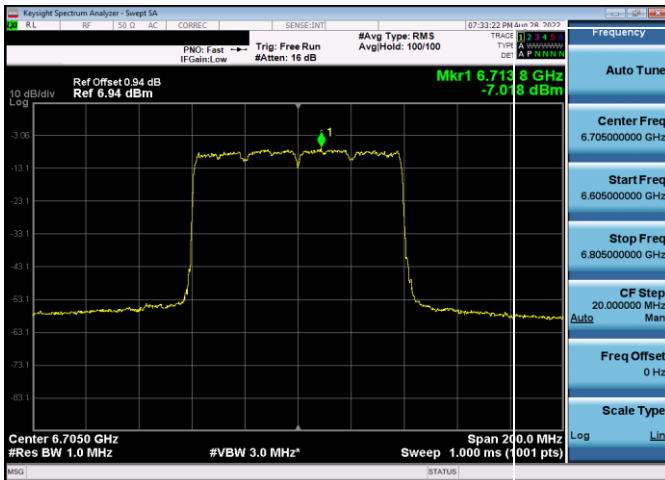
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 78 of 282



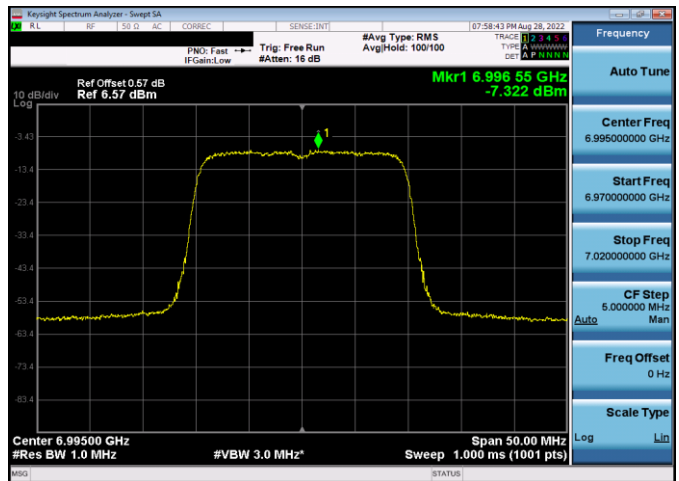
Plot 7-169. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



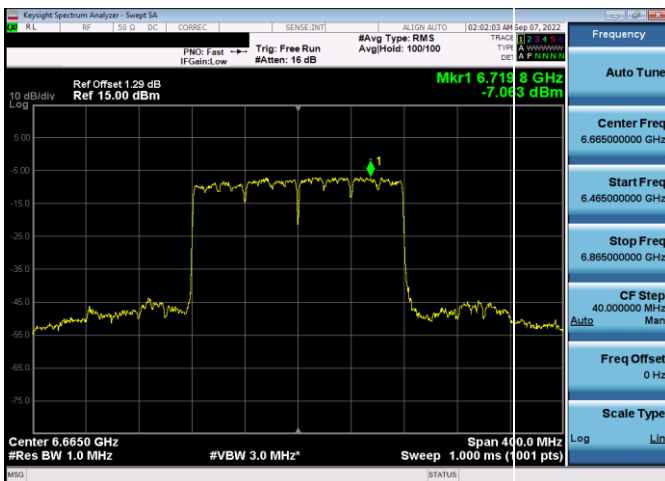
Plot 7-172. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



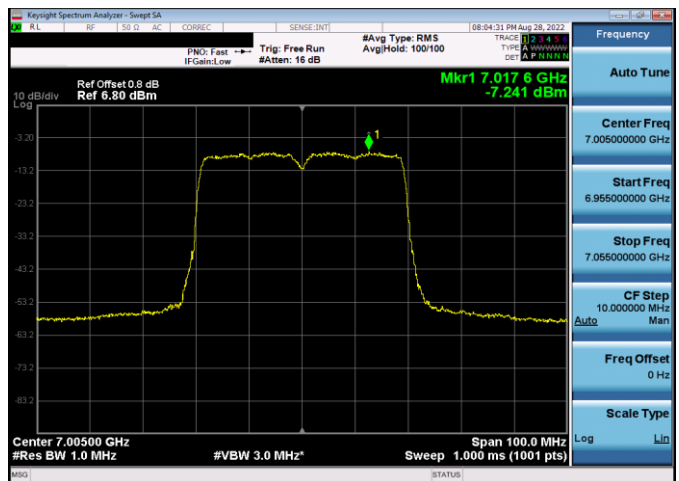
Plot 7-170. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-173. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

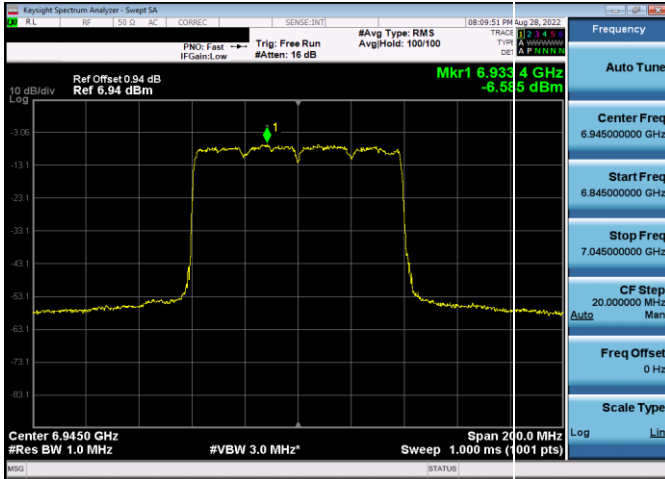


Plot 7-171. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

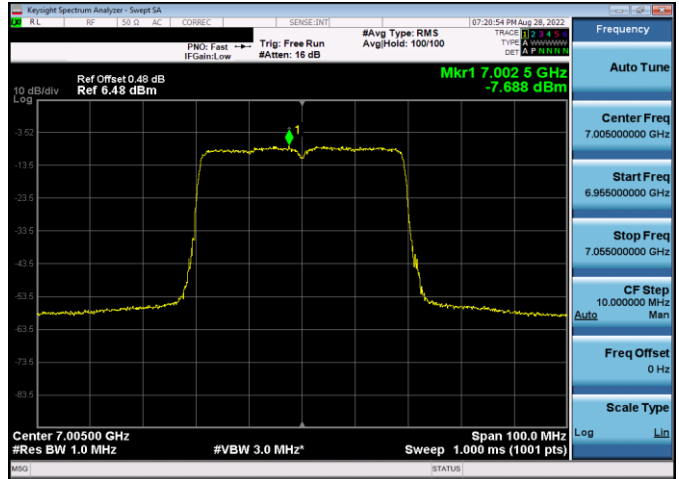


Plot 7-174. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

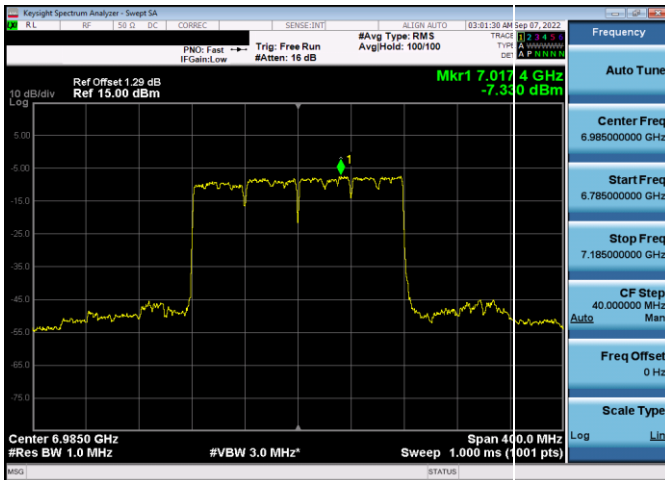
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 79 of 282



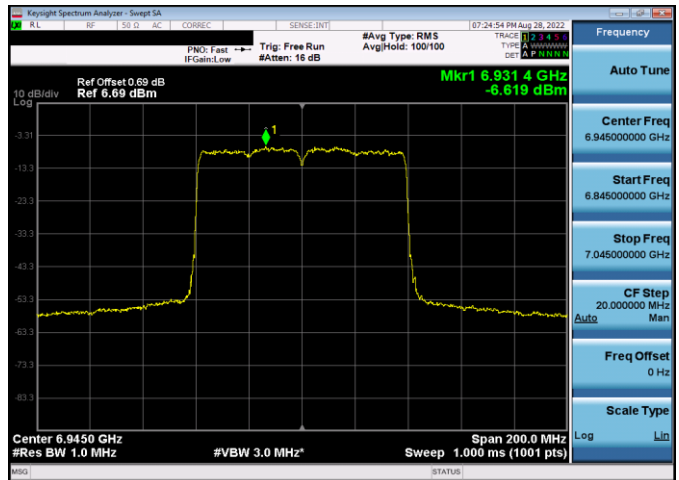
Plot 7-175. Power Spectral Density Plot Antenna 5b (80MHz) 802.11ax (UNII Band 8) – Ch. 199, MCS11)



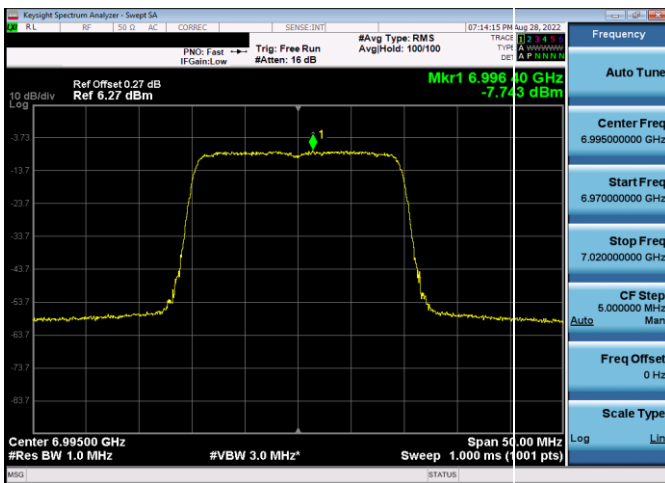
Plot 7-178. Power Spectral Density Plot Antenna 5b (40MHz) 802.11ax (UNII Band 8) – Ch. 211, MCS11)



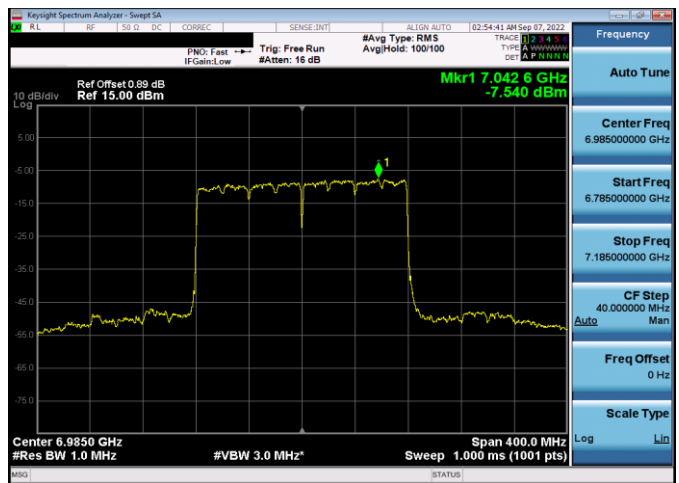
Plot 7-176. Power Spectral Density Plot Antenna 5b (160MHz) 802.11ax (UNII Band 8) – Ch. 207, MCS11)



Plot 7-179. Power Spectral Density Plot Antenna 5b (80MHz) 802.11ax (UNII Band 8) – Ch. 199, MCS11)



Plot 7-177. Power Spectral Density Plot Antenna 5b (20MHz) 802.11ax (UNII Band 8) – Ch. 209, MCS11)



Plot 7-180. Power Spectral Density Plot Antenna 5b (160MHz) 802.11ax (UNII Band 8) – Ch. 207, MCS11)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.4.2 Antenna 4a Power Spectral Density Measurements

	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	12	-7.84	-0.70	-8.54	-1	-7.54
	6175	45	a	12	-7.46	-0.60	-8.06	-1	-7.06
	6415	93	a	12	-7.44	1.20	-6.24	-1	-5.24
	5955	1	ax (20MHz)	24/25.8 (MCS2)	-9.33	-0.70	-10.03	-1	-9.03
	6175	45	ax (20MHz)	24/25.8 (MCS2)	-8.89	-0.60	-9.49	-1	-8.49
	6415	93	ax (20MHz)	24/25.8 (MCS2)	-9.09	1.20	-7.89	-1	-6.89
	5965	3	ax (40MHz)	49/51.6 (MCS2)	-8.49	-0.70	-9.19	-1	-8.19
	6165	43	ax (40MHz)	49/51.6 (MCS2)	-8.28	-0.60	-8.88	-1	-7.88
	6405	91	ax (40MHz)	49/51.6 (MCS2)	-8.70	1.00	-7.70	-1	-6.70
	5985	7	ax (80MHz)	102/108.1 (MCS2)	-8.33	-0.70	-9.03	-1	-8.03
	6145	39	ax (80MHz)	102/108.1 (MCS2)	-8.29	-0.60	-8.89	-1	-7.89
	6385	87	ax (80MHz)	102/108.1 (MCS2)	-8.43	1.00	-7.43	-1	-6.43
	6025	15	ax (160MHz)	183.8/216.2 (MCS2)	-8.04	-0.90	-8.94	-1	-7.94
	6185	47	ax (160MHz)	183.8/216.2 (MCS2)	-8.00	-0.60	-8.60	-1	-7.60
6345	79	ax (160MHz)	183.8/216.2 (MCS2)	-7.87	1.00	-6.87	-1	-5.87	
Band 6	6435	97	a	12	-7.77	1.20	-6.57	-1	-5.57
	6475	105	a	12	-7.69	1.20	-6.49	-1	-5.49
	6515	113	a	12	-7.94	-0.30	-8.24	-1	-7.24
	6435	97	ax (20MHz)	24/25.8 (MCS2)	-9.27	1.20	-8.07	-1	-7.07
	6475	105	ax (20MHz)	24/25.8 (MCS2)	-9.38	1.20	-8.18	-1	-7.18
	6515	113	ax (20MHz)	24/25.8 (MCS2)	-9.42	-0.30	-9.72	-1	-8.72
	6445	99	ax (40MHz)	49/51.6 (MCS2)	-8.69	1.20	-7.49	-1	-6.49
	6485	107	ax (40MHz)	49/51.6 (MCS2)	-8.67	1.20	-7.47	-1	-6.47
	6525	115	ax (40MHz)	49/51.6 (MCS2)	-8.66	-0.30	-8.96	-1	-7.96
	6465	103	ax (80MHz)	102/108.1 (MCS2)	-8.93	1.20	-7.73	-1	-6.73
Band 7	6505	111	ax (160MHz)	183.8/216.2 (MCS2)	-8.00	-0.30	-8.30	-1	-7.30
	6535	117	a	12	-8.87	-0.30	-9.17	-1	-8.17
	6695	149	a	12	-9.58	-1.60	-11.18	-1	-10.18
	6875	185	a	12	-8.94	-2.40	-11.34	-1	-10.34
	6535	117	ax (20MHz)	24/25.8 (MCS2)	-10.78	-0.30	-11.08	-1	-10.08
	6695	149	ax (20MHz)	24/25.8 (MCS2)	-9.85	-1.60	-11.45	-1	-10.45
	6875	185	ax (20MHz)	24/25.8 (MCS2)	-10.23	-2.40	-12.63	-1	-11.63
	6565	123	ax (40MHz)	49/51.6 (MCS2)	-8.33	-0.30	-8.63	-1	-7.63
	6725	155	ax (40MHz)	49/51.6 (MCS2)	-7.99	-1.50	-9.49	-1	-8.49
	6845	179	ax (40MHz)	49/51.6 (MCS2)	-8.22	-2.40	-10.62	-1	-9.62
	6545	119	ax (80MHz)	102/108.1 (MCS2)	-7.89	-0.30	-8.19	-1	-7.19
	6705	151	ax (80MHz)	102/108.1 (MCS2)	-8.08	-1.60	-9.68	-1	-8.68
	6865	183	ax (80MHz)	102/108.1 (MCS2)	-7.71	-2.40	-10.11	-1	-9.11
	6665	143	ax (160MHz)	183.8/216.2 (MCS2)	-8.50	-1.60	-10.10	-1	-9.10
Band 8	6825	175	ax (160MHz)	183.8/216.2 (MCS2)	-8.55	-2.40	-10.95	-1	-9.95
	6895	189	a	12	-6.15	-2.40	-8.55	-1	-7.55
	6995	209	a	12	-6.44	-3.30	-9.74	-1	-8.74
	7115	233	a	12	-8.46	-4.90	-13.36	-1	-12.36
	6895	189	ax (20MHz)	24/25.8 (MCS2)	-7.72	-2.40	-10.12	-1	-9.12
	6995	209	ax (20MHz)	24/25.8 (MCS2)	-7.97	-3.30	-11.27	-1	-10.27
	7115	233	ax (20MHz)	24/25.8 (MCS2)	-9.99	-4.90	-14.89	-1	-13.89
	6885	187	ax (40MHz)	49/51.6 (MCS2)	-7.97	-2.40	-10.37	-1	-9.37
	7005	211	ax (40MHz)	49/51.6 (MCS2)	-7.64	-3.30	-10.94	-1	-9.94
	7085	227	ax (40MHz)	49/51.6 (MCS2)	-7.77	-4.90	-12.67	-1	-11.67
	6945	199	ax (80MHz)	102/108.1 (MCS2)	-6.98	-3.30	-10.28	-1	-9.28
	7025	215	ax (80MHz)	102/108.1 (MCS2)	-7.66	-4.90	-12.56	-1	-11.56
	6985	207	ax (160MHz)	183.8/216.2 (MCS2)	-8.80	-3.30	-12.10	-1	-11.10

Table 7-47. Power Spectral Density Measurements Antenna 4a (Low Data Rate)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 81 of 282

	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	24	-7.73	-0.70	-8.43	-1	-7.43
	6175	45	a	24	-7.29	-0.60	-7.89	-1	-6.89
	6415	93	a	24	-7.37	1.20	-6.17	-1	-5.17
	5955	1	ax (20MHz)	49/51.6 (MCS4)	-8.87	-0.70	-9.57	-1	-8.57
	6175	45	ax (20MHz)	49/51.6 (MCS4)	-8.80	-0.60	-9.40	-1	-8.40
	6415	93	ax (20MHz)	49/51.6 (MCS4)	-8.80	1.20	-7.60	-1	-6.60
	5965	3	ax (40MHz)	98/103.2 (MCS4)	-8.12	-0.70	-8.82	-1	-7.82
	6165	43	ax (40MHz)	98/103.2 (MCS4)	-8.28	-0.60	-8.88	-1	-7.88
	6405	91	ax (40MHz)	98/103.2 (MCS4)	-8.33	1.00	-7.33	-1	-6.33
	5985	7	ax (80MHz)	204/216.2 (MCS4)	-8.19	-0.70	-8.89	-1	-7.89
	6145	39	ax (80MHz)	204/216.2 (MCS4)	-8.01	-0.60	-8.61	-1	-7.61
	6385	87	ax (80MHz)	204/216.2 (MCS4)	-8.03	1.00	-7.03	-1	-6.03
	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-7.61	-0.90	-8.51	-1	-7.51
6185	47	ax (160MHz)	367.5/432.4 (MCS4)	-7.60	-0.60	-8.20	-1	-7.20	
6345	79	ax (160MHz)	367.5/432.4 (MCS4)	-7.30	1.00	-6.30	-1	-5.30	
Band 6	6435	97	a	24	-7.87	1.20	-6.67	-1	-5.67
	6475	105	a	24	-7.85	1.20	-6.65	-1	-5.65
	6515	113	a	24	-7.80	-0.30	-8.10	-1	-7.10
	6435	97	ax (20MHz)	49/51.6 (MCS4)	-9.42	1.20	-8.22	-1	-7.22
	6475	105	ax (20MHz)	49/51.6 (MCS4)	-9.12	1.20	-7.92	-1	-6.92
	6515	113	ax (20MHz)	49/51.6 (MCS4)	-9.42	-0.30	-9.72	-1	-8.72
	6445	99	ax (40MHz)	98/103.2 (MCS4)	-8.67	1.20	-7.47	-1	-6.47
	6485	107	ax (40MHz)	98/103.2 (MCS4)	-7.91	1.20	-6.71	-1	-5.71
	6525	115	ax (40MHz)	98/103.2 (MCS4)	-8.34	-0.30	-8.64	-1	-7.64
	6465	103	ax (80MHz)	204/216.2 (MCS4)	-8.69	1.20	-7.49	-1	-6.49
Band 7	6505	111	ax (160MHz)	367.5/432.4 (MCS4)	-7.78	-0.30	-8.08	-1	-7.08
	6535	117	a	24	-9.36	-0.30	-9.66	-1	-8.66
	6695	149	a	24	-7.89	-1.60	-9.49	-1	-8.49
	6875	185	a	24	-7.91	-2.40	-10.31	-1	-9.31
	6535	117	ax (20MHz)	49/51.6 (MCS4)	-10.42	-0.30	-10.72	-1	-9.72
	6695	149	ax (20MHz)	49/51.6 (MCS4)	-9.25	-1.60	-10.85	-1	-9.85
	6875	185	ax (20MHz)	49/51.6 (MCS4)	-9.88	-2.40	-12.28	-1	-11.28
	6565	123	ax (40MHz)	98/103.2 (MCS4)	-8.21	-0.30	-8.51	-1	-7.51
	6725	155	ax (40MHz)	98/103.2 (MCS4)	-7.99	-1.50	-9.49	-1	-8.49
	6845	179	ax (40MHz)	98/103.2 (MCS4)	-7.85	-2.40	-10.25	-1	-9.25
	6545	119	ax (80MHz)	204/216.2 (MCS4)	-7.48	-0.30	-7.78	-1	-6.78
	6705	151	ax (80MHz)	204/216.2 (MCS4)	-7.68	-1.60	-9.28	-1	-8.28
	6865	183	ax (80MHz)	204/216.2 (MCS4)	-7.39	-2.40	-9.79	-1	-8.79
Band 8	6665	143	ax (160MHz)	367.5/432.4 (MCS4)	-8.00	-1.60	-9.60	-1	-8.60
	6825	175	ax (160MHz)	367.5/432.4 (MCS4)	-8.03	-2.40	-10.43	-1	-9.43
	6895	189	a	24	-6.43	-2.40	-8.83	-1	-7.83
	6995	209	a	24	-6.13	-3.30	-9.43	-1	-8.43
	7115	233	a	24	-8.54	-4.90	-13.44	-1	-12.44
	6895	189	ax (20MHz)	49/51.6 (MCS4)	-7.76	-2.40	-10.16	-1	-9.16
	6995	209	ax (20MHz)	49/51.6 (MCS4)	-8.02	-3.30	-11.32	-1	-10.32
	7115	233	ax (20MHz)	49/51.6 (MCS4)	-9.97	-4.90	-14.87	-1	-13.87
	6885	187	ax (40MHz)	98/103.2 (MCS4)	-7.55	-2.40	-9.95	-1	-8.95
	7005	211	ax (40MHz)	98/103.2 (MCS4)	-7.57	-3.30	-10.87	-1	-9.87
	7085	227	ax (40MHz)	98/103.2 (MCS4)	-7.88	-4.90	-12.78	-1	-11.78
6945	199	ax (80MHz)	204/216.2 (MCS4)	-6.90	-3.30	-10.20	-1	-9.20	
7025	215	ax (80MHz)	204/216.2 (MCS4)	-7.28	-4.90	-12.18	-1	-11.18	
6985	207	ax (160MHz)	367.5/432.4 (MCS4)	-8.35	-3.30	-11.65	-1	-10.65	

Table 7-48. Power Spectral Density Measurements Antenna 4a (Mid Data Rate)

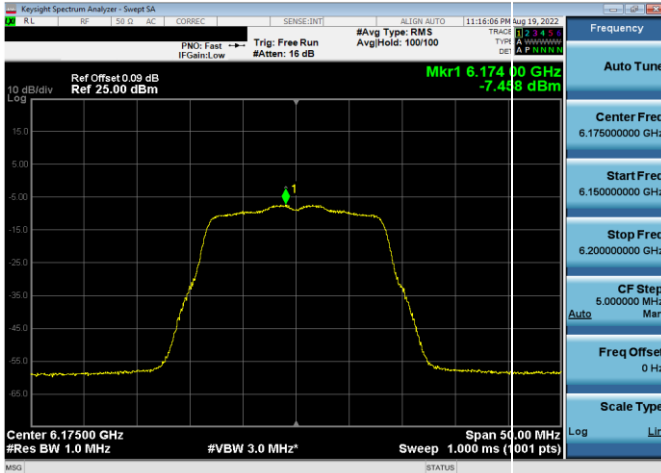
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 82 of 282

	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	-8.84	-0.70	-9.54	-1	-8.54
	6175	45	a	54	-8.17	-0.60	-8.77	-1	-7.77
	6415	93	a	54	-8.29	1.20	-7.09	-1	-6.09
	5955	1	ax (20MHz)	135/143.4 (MCS11)	-8.95	-0.70	-9.65	-1	-8.65
	6175	45	ax (20MHz)	135/143.4 (MCS11)	-8.63	-0.60	-9.23	-1	-8.23
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-8.70	1.20	-7.50	-1	-6.50
	5965	3	ax (40MHz)	271/286.8 (MCS11)	-8.06	-0.70	-8.76	-1	-7.76
	6165	43	ax (40MHz)	271/286.8 (MCS11)	-7.97	-0.60	-8.57	-1	-7.57
	6405	91	ax (40MHz)	271/286.8 (MCS11)	-8.24	1.00	-7.24	-1	-6.24
	5985	7	ax (80MHz)	567/600.5 (MCS11)	-8.27	-0.70	-8.97	-1	-7.97
	6145	39	ax (80MHz)	567/600.5 (MCS11)	-8.06	-0.60	-8.66	-1	-7.66
	6385	87	ax (80MHz)	567/600.5 (MCS11)	-7.73	1.00	-6.73	-1	-5.73
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-7.40	-0.90	-8.30	-1	-7.30
	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-7.39	-0.60	-7.99	-1	-6.99
6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-7.05	1.00	-6.05	-1	-5.05	
Band 6	6435	97	a	54	-9.04	1.20	-7.84	-1	-6.84
	6475	105	a	54	-8.51	1.20	-7.31	-1	-6.31
	6515	113	a	54	-8.90	-0.30	-9.20	-1	-8.20
	6435	97	ax (20MHz)	135/143.4 (MCS11)	-9.19	1.20	-7.99	-1	-6.99
	6475	105	ax (20MHz)	135/143.4 (MCS11)	-9.29	1.20	-8.09	-1	-7.09
	6515	113	ax (20MHz)	135/143.4 (MCS11)	-9.12	-0.30	-9.42	-1	-8.42
	6445	99	ax (40MHz)	271/286.8 (MCS11)	-8.49	1.20	-7.29	-1	-6.29
	6485	107	ax (40MHz)	271/286.8 (MCS11)	-8.27	1.20	-7.07	-1	-6.07
	6525	115	ax (40MHz)	271/286.8 (MCS11)	-8.46	-0.30	-8.76	-1	-7.76
	6465	103	ax (80MHz)	567/600.5 (MCS11)	-8.30	1.20	-7.10	-1	-6.10
Band 7	6505	111	ax (160MHz)	1020.8/1201 (MCS11)	-7.47	-0.30	-7.77	-1	-6.77
	6535	117	a	54	-9.21	-0.30	-9.51	-1	-8.51
	6695	149	a	54	-9.25	-1.60	-10.85	-1	-9.85
	6875	185	a	54	-9.19	-2.40	-11.59	-1	-10.59
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-10.66	-0.30	-10.96	-1	-9.96
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-9.40	-1.60	-11.00	-1	-10.00
	6875	185	ax (20MHz)	135/143.4 (MCS11)	-9.26	-2.40	-11.66	-1	-10.66
	6565	123	ax (40MHz)	271/286.8 (MCS11)	-7.76	-0.30	-8.06	-1	-7.06
	6725	155	ax (40MHz)	271/286.8 (MCS11)	-7.81	-1.50	-9.31	-1	-8.31
	6845	179	ax (40MHz)	271/286.8 (MCS11)	-7.63	-2.40	-10.03	-1	-9.03
	6545	119	ax (80MHz)	567/600.5 (MCS11)	-7.89	-0.30	-8.19	-1	-7.19
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-7.55	-1.60	-9.15	-1	-8.15
	6865	183	ax (80MHz)	567/600.5 (MCS11)	-7.33	-2.40	-9.73	-1	-8.73
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-7.89	-1.60	-9.49	-1	-8.49
Band 8	6825	175	ax (160MHz)	1020.8/1201 (MCS11)	-7.88	-2.40	-10.28	-1	-9.28
	6895	189	a	54	-7.21	-2.40	-9.61	-1	-8.61
	6995	209	a	54	-7.49	-3.30	-10.79	-1	-9.79
	7115	233	a	54	-10.34	-4.90	-15.24	-1	-14.24
	6895	189	ax (20MHz)	135/143.4 (MCS11)	-7.62	-2.40	-10.02	-1	-9.02
	6995	209	ax (20MHz)	135/143.4 (MCS11)	-8.01	-3.30	-11.31	-1	-10.31
	7115	233	ax (20MHz)	135/143.4 (MCS11)	-10.69	-4.90	-15.59	-1	-14.59
	6885	187	ax (40MHz)	271/286.8 (MCS11)	-7.57	-2.40	-9.97	-1	-8.97
	7005	211	ax (40MHz)	271/286.8 (MCS11)	-7.61	-3.30	-10.91	-1	-9.91
	7085	227	ax (40MHz)	271/286.8 (MCS11)	-8.05	-4.90	-12.95	-1	-11.95
	6945	199	ax (80MHz)	567/600.5 (MCS11)	-6.87	-3.30	-10.17	-1	-9.17
	7025	215	ax (80MHz)	567/600.5 (MCS11)	-7.28	-4.90	-12.18	-1	-11.18
	6985	207	ax (160MHz)	1020.8/1201 (MCS11)	-8.15	-3.30	-11.45	-1	-10.45

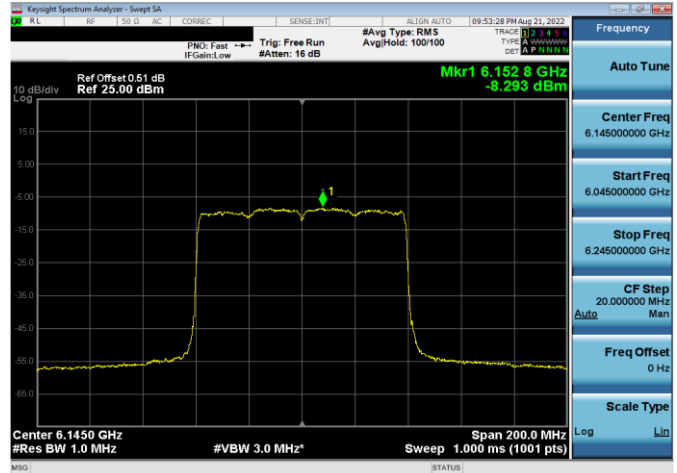
Table 7-49. Power Spectral Density Measurements Antenna 4a (High Data Rate)

FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 83 of 282

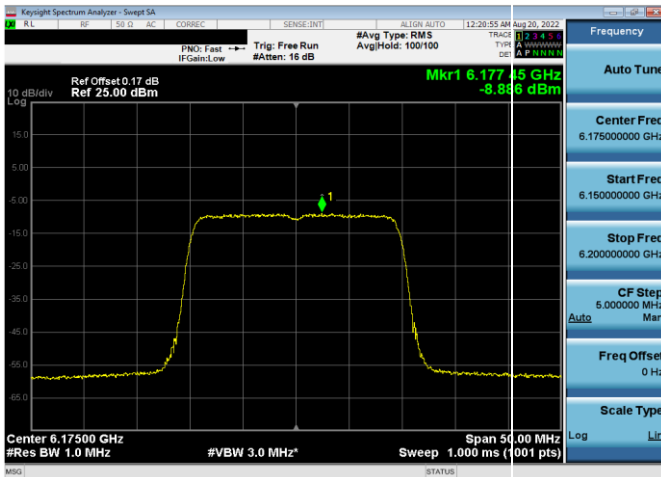
Low Data Rate



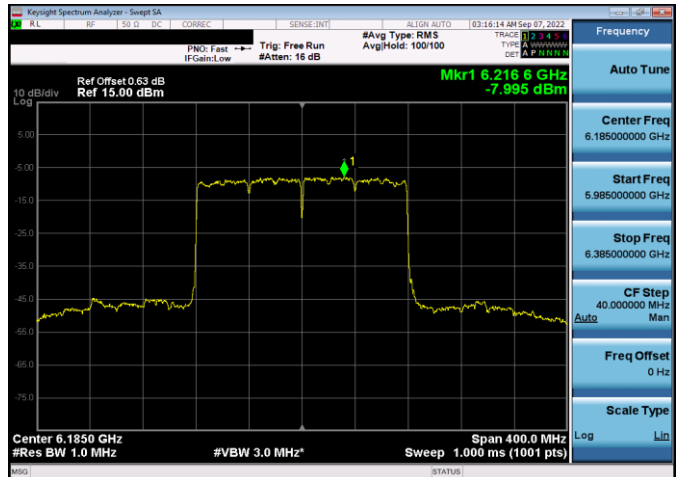
Plot 7-181. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 5) – Ch. 45, 12Mbps)



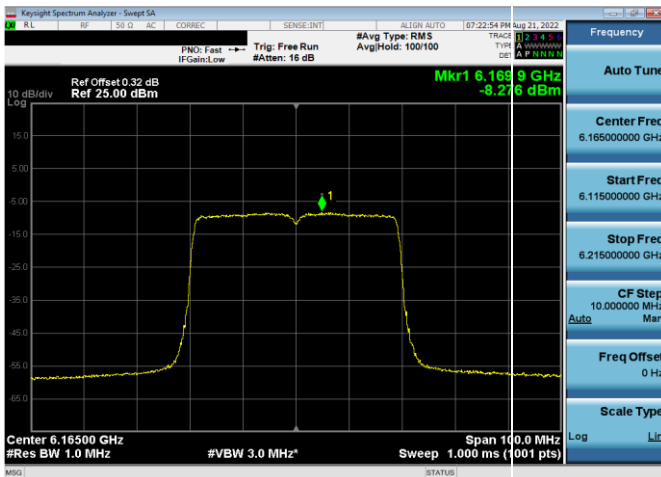
Plot 7-184. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



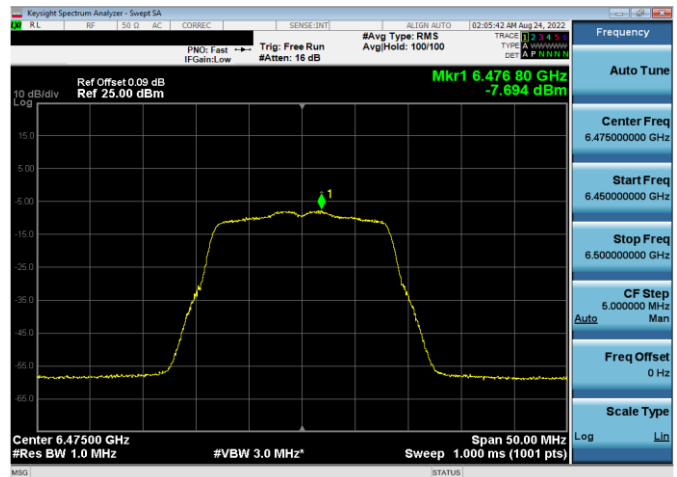
Plot 7-182. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-185. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)

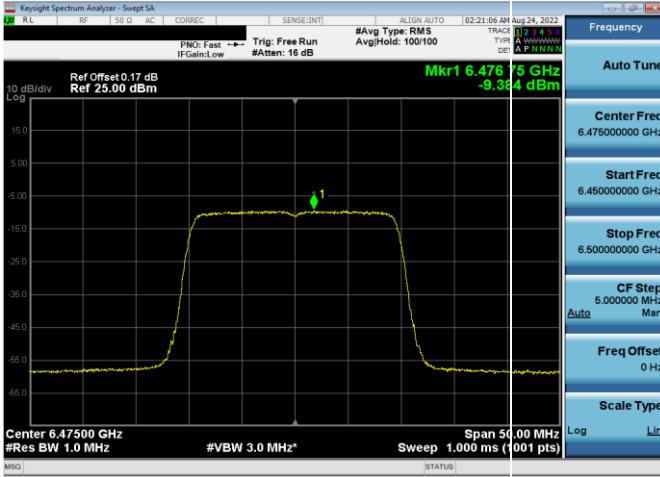


Plot 7-183. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)

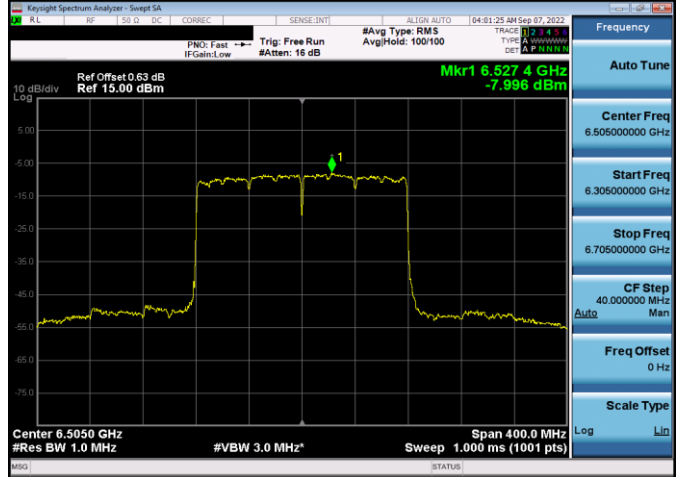


Plot 7-186. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 6) – Ch. 105, 12Mbps)

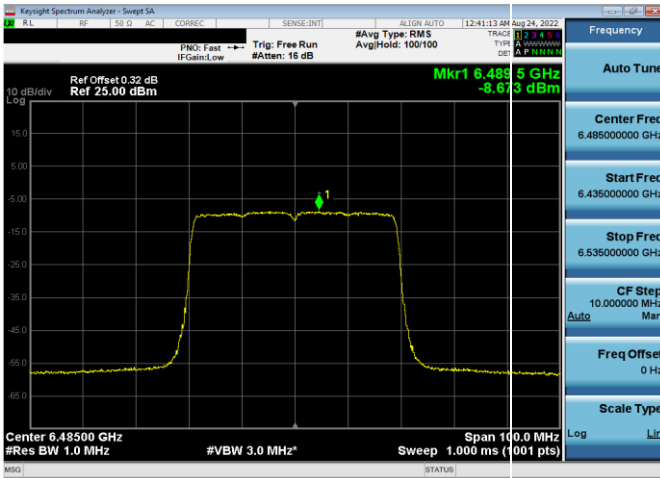
FCC ID: BCGA2435 IC: 579C-A2435		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090025-21-R3.BCG	Test Dates: 05/27/2022 - 9/12/2022	EUT Type: Tablet Device	Page 84 of 282



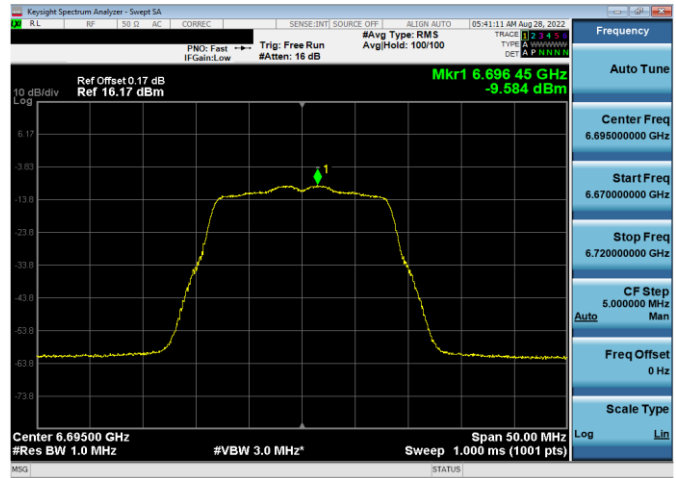
Plot 7-187. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



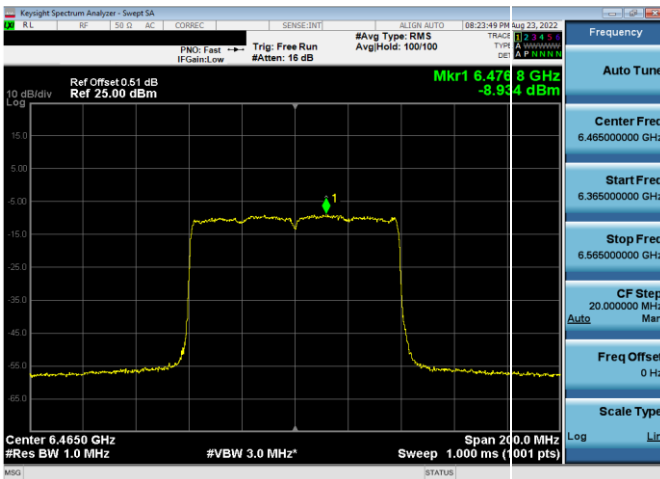
Plot 7-190. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



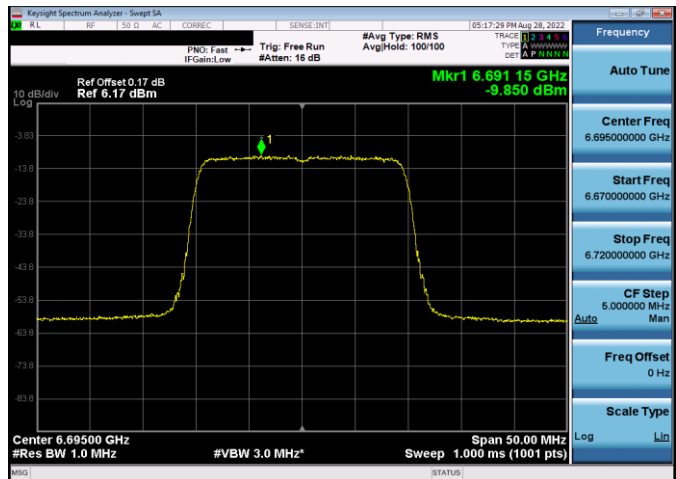
Plot 7-188. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



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		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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