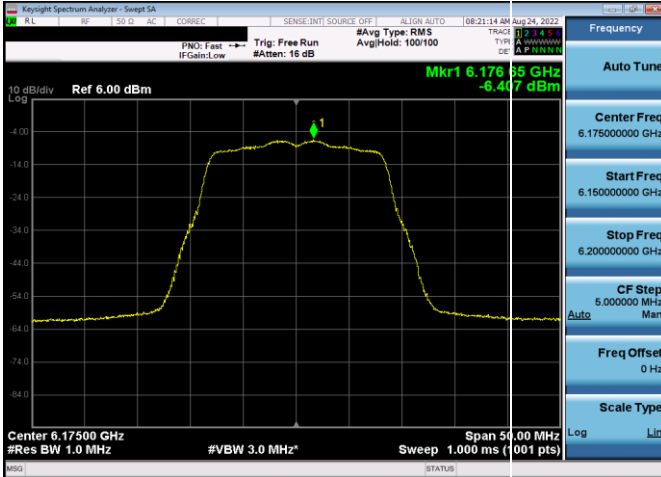
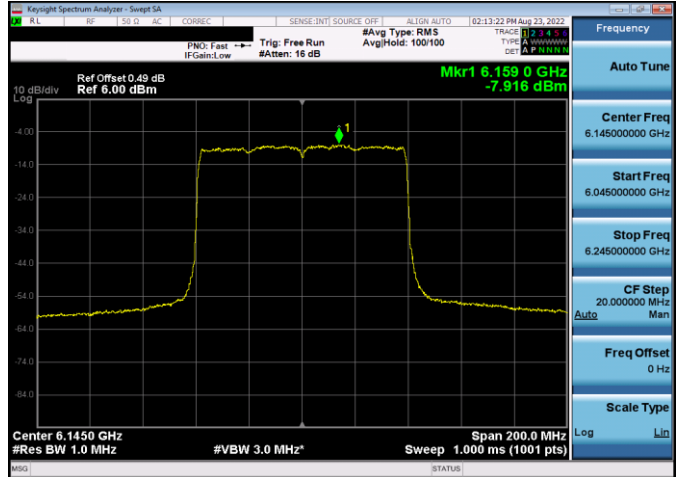


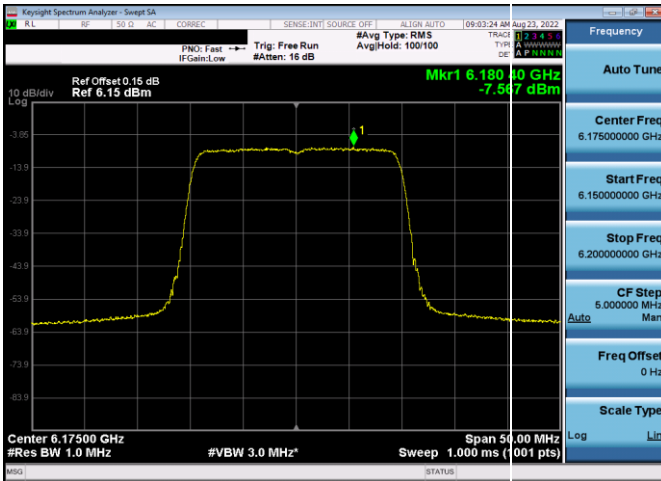
Low Data Rate



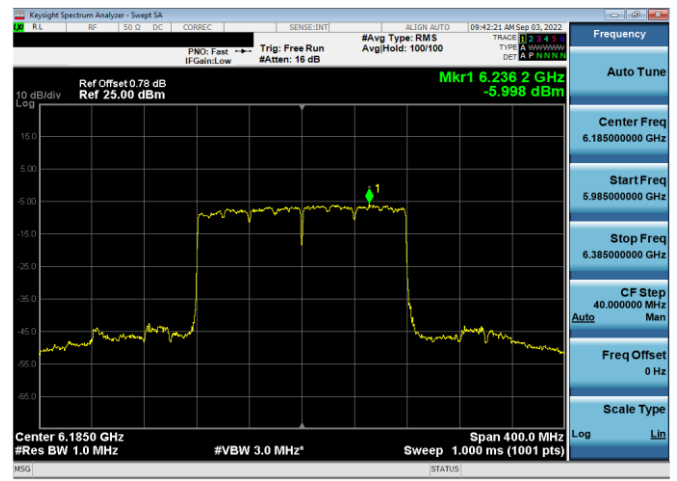
Plot 7-121. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, MCS2)



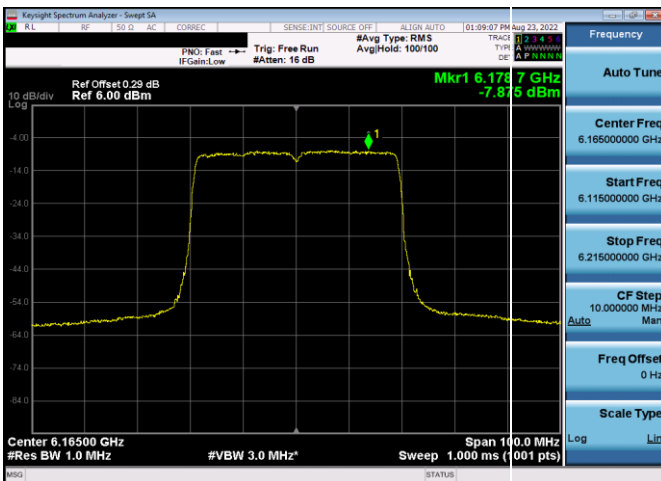
Plot 7-124. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



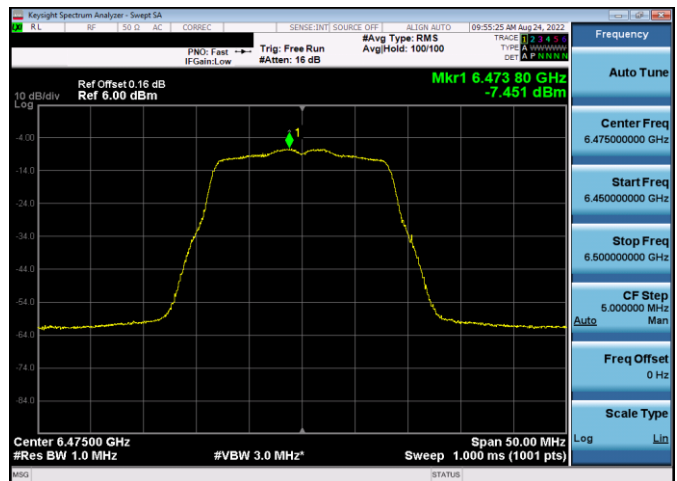
Plot 7-122. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-125. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)

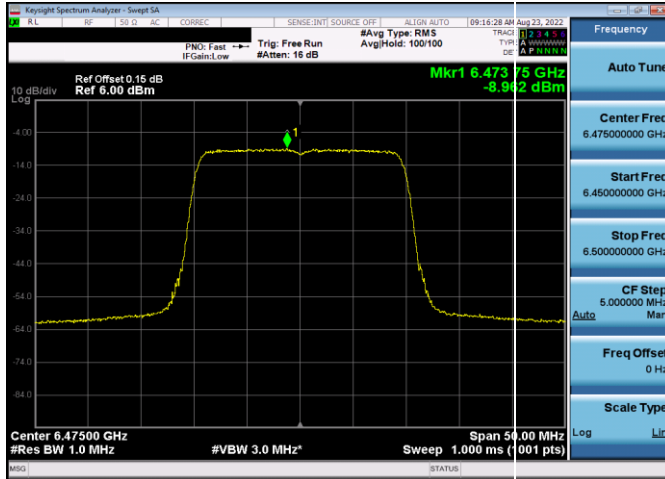


Plot 7-123. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)

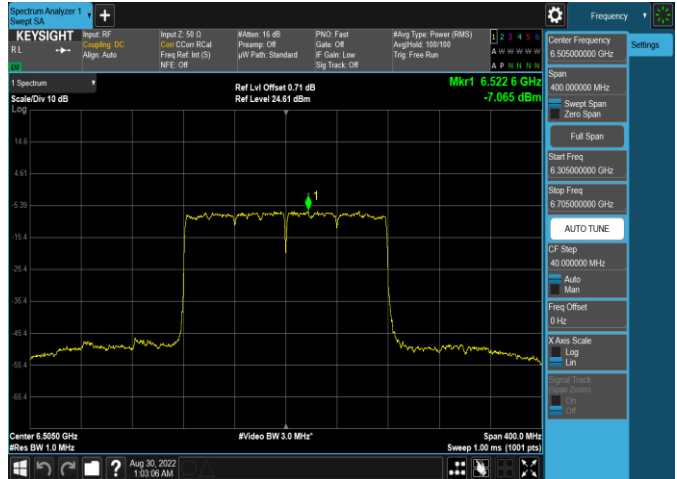


Plot 7-126. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, MCS2)

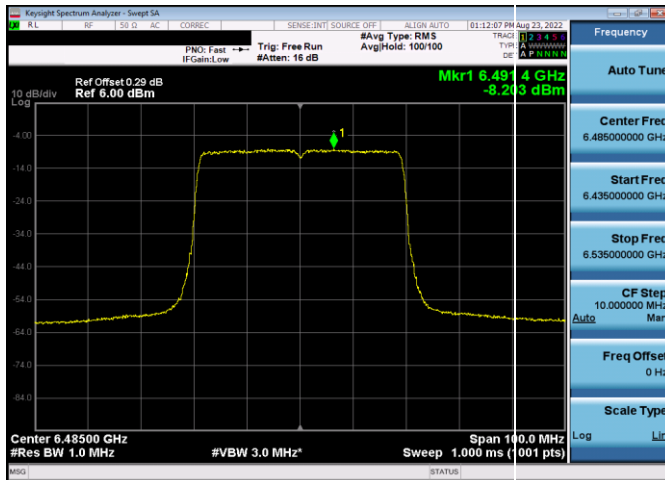
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 68 of 282



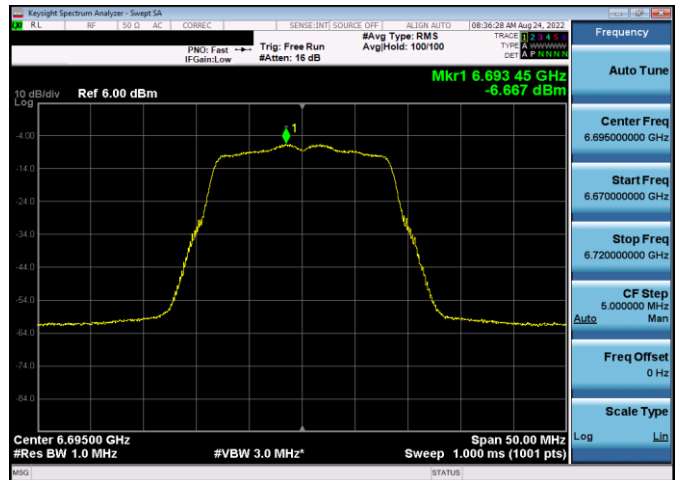
Plot 7-127. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS2)



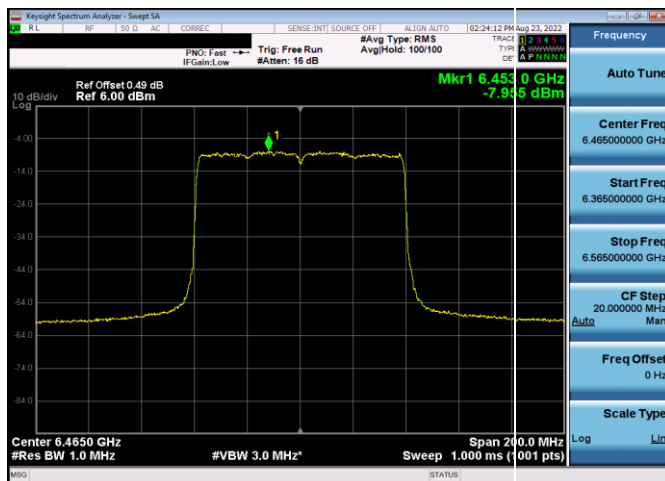
Plot 7-130. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS2)



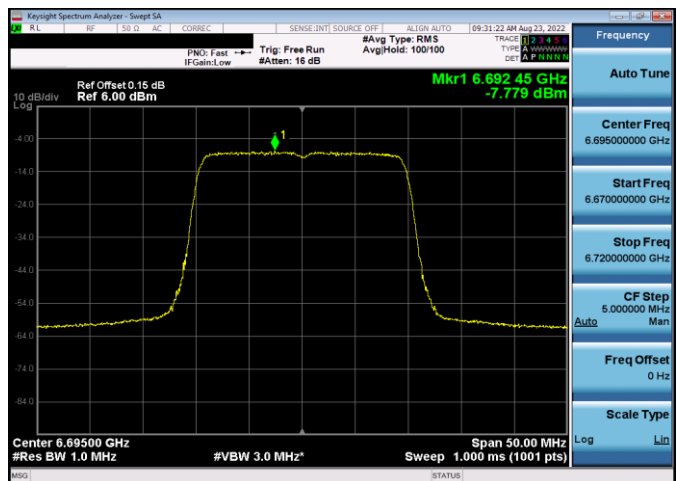
Plot 7-128. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS2)



Plot 7-131. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, MCS2)

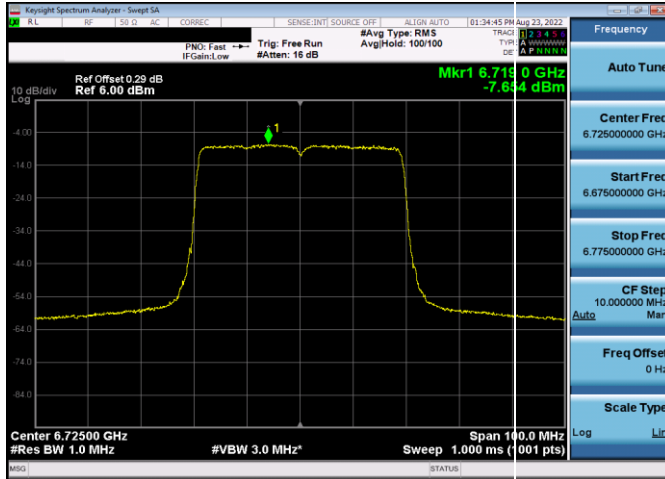


Plot 7-129. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS2)

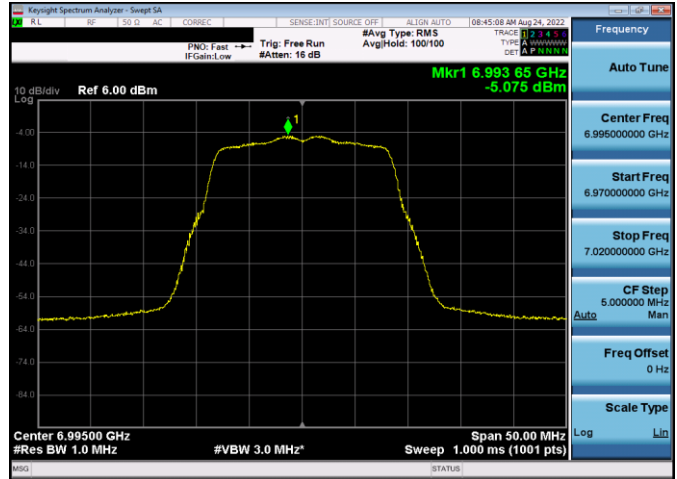


Plot 7-132. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS2)

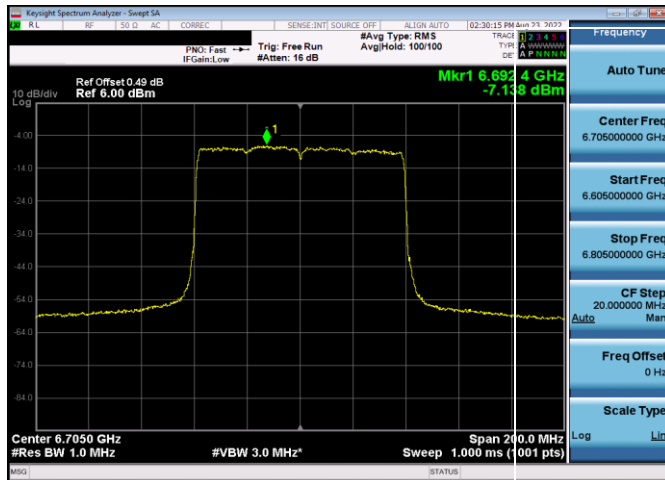
FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 69 of 282



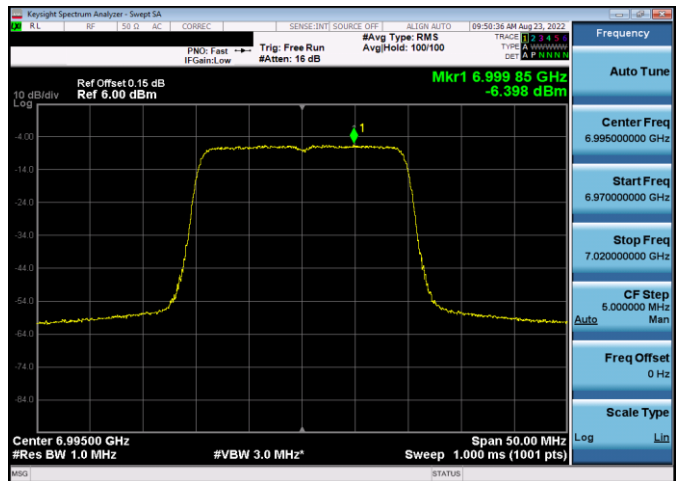
Plot 7-133. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS2)



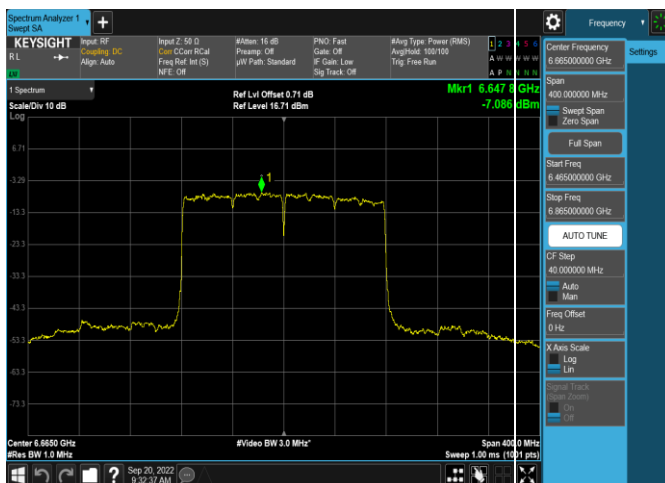
Plot 7-136. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, MCS2)



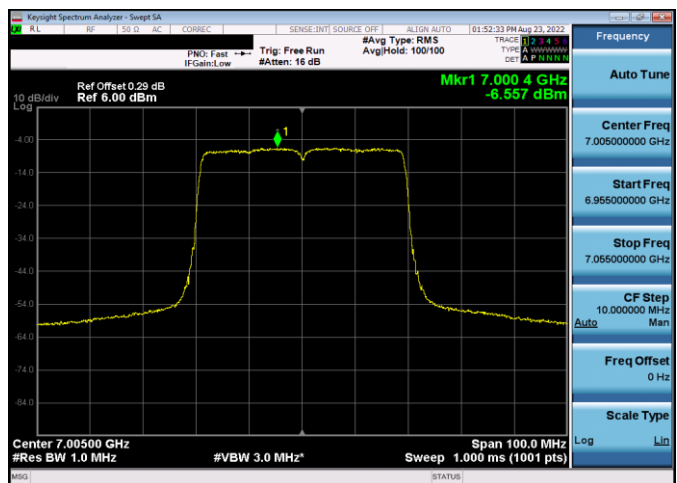
Plot 7-134. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS2)



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

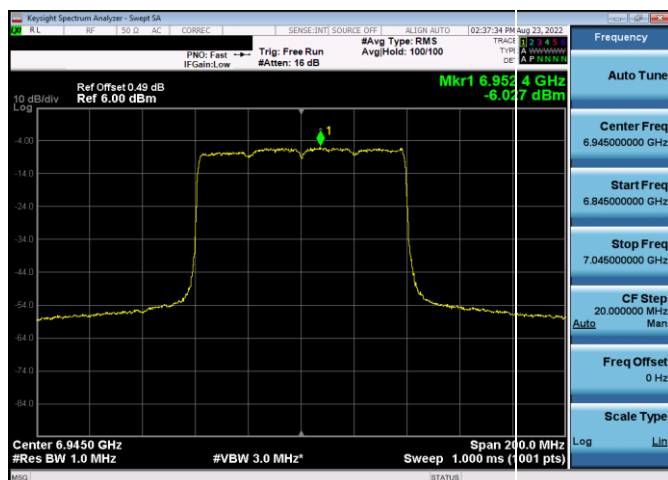


Plot 7-135. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS2)

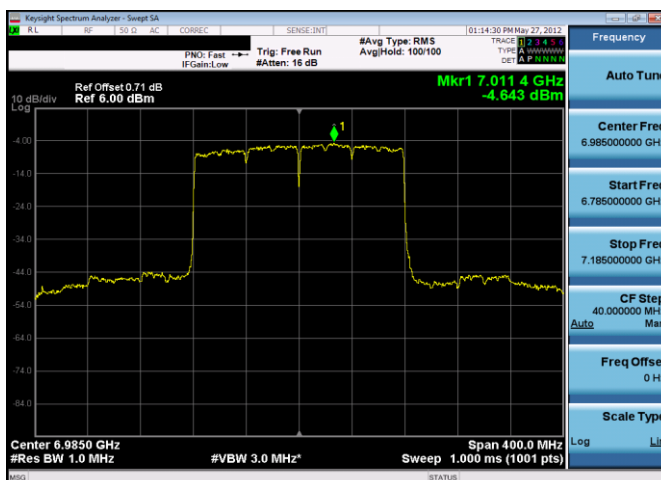


Plot 7-138. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS2)

FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 70 of 282



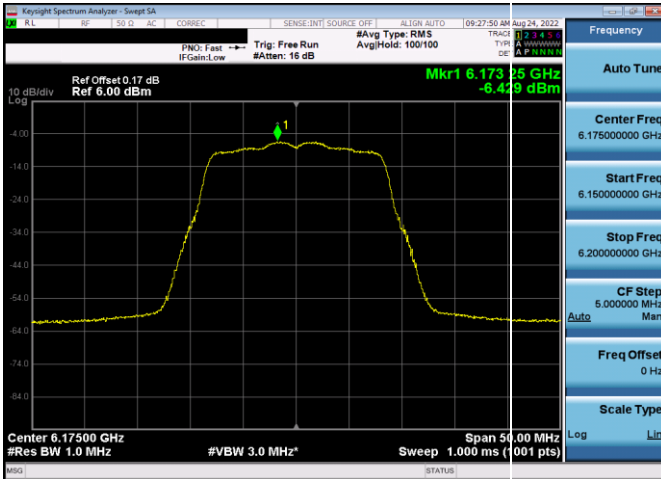
Plot 7-139. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS2)



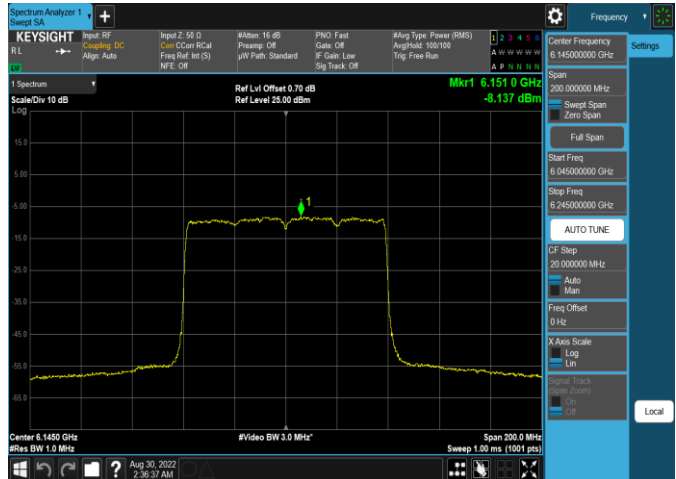
Plot 7-140. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS2)

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 71 of 282

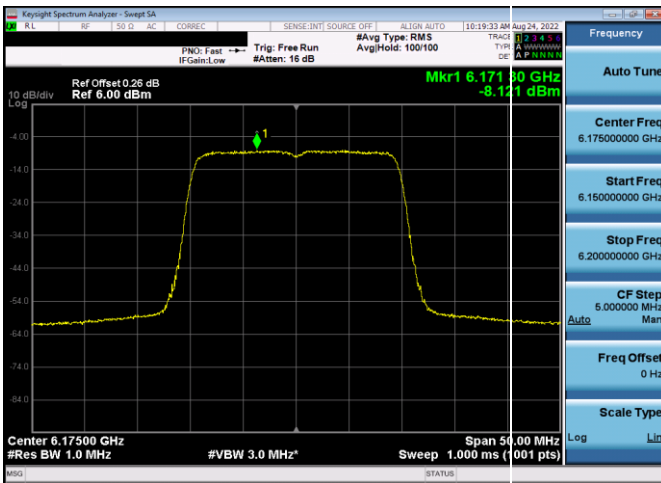
Mid Data Rate



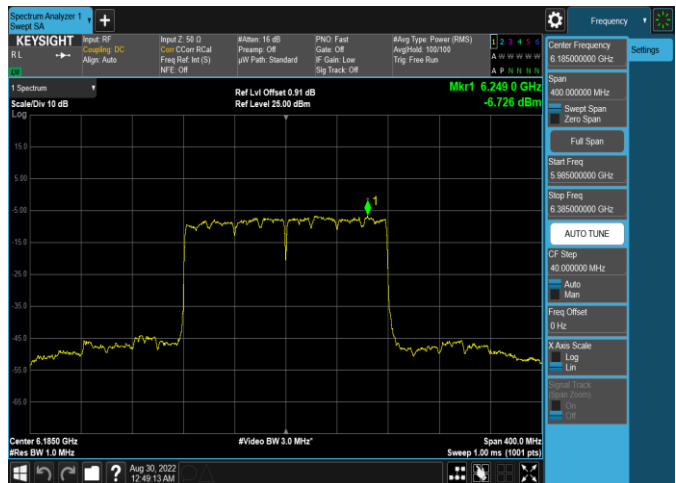
Plot 7-141. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, MCS4)



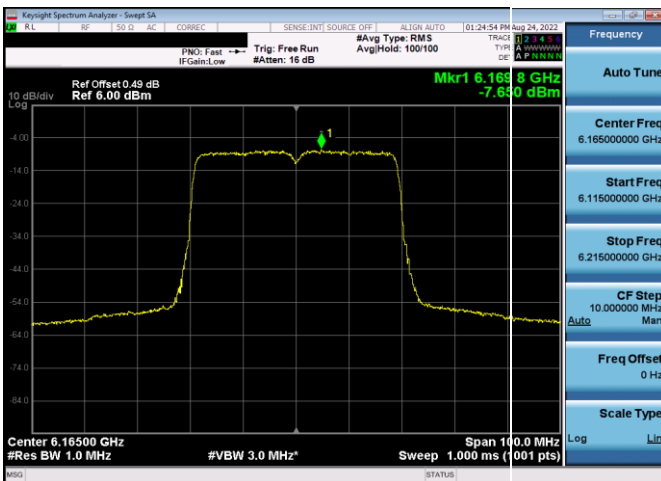
Plot 7-144. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS4)



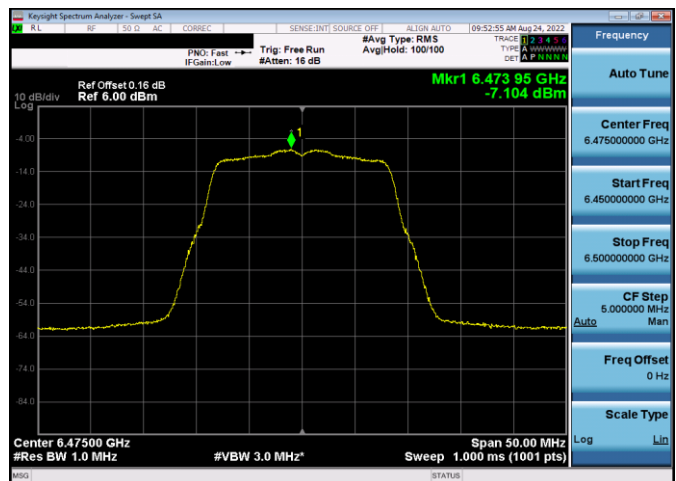
Plot 7-142. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS4)



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)

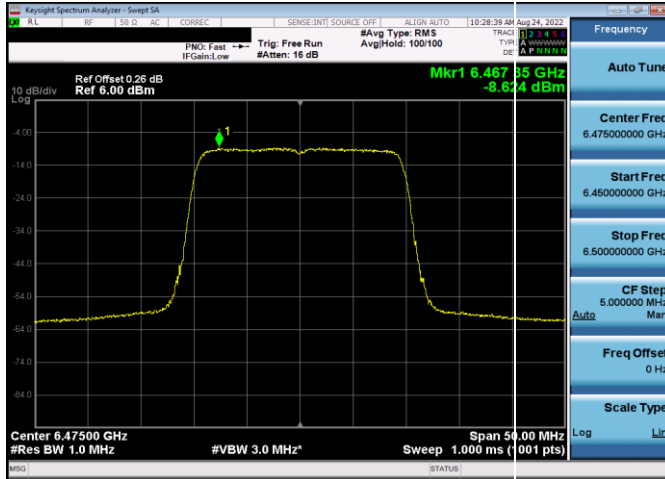


Plot 7-146. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, MCS4)

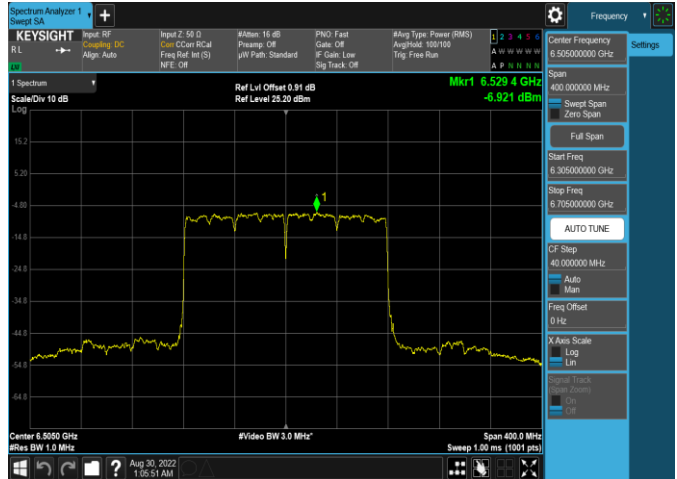
FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 72 of 282

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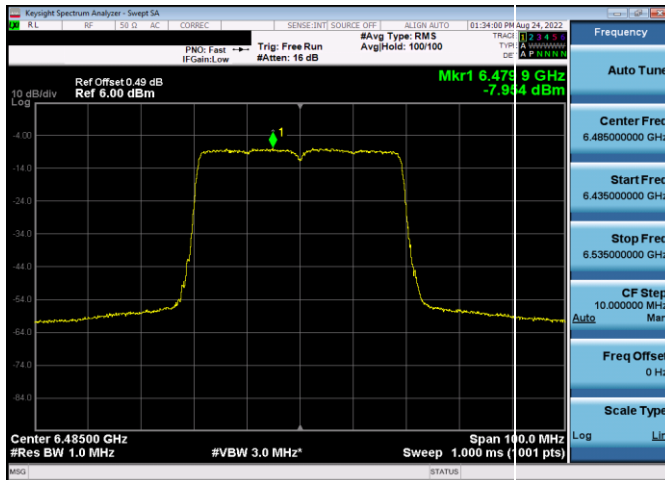
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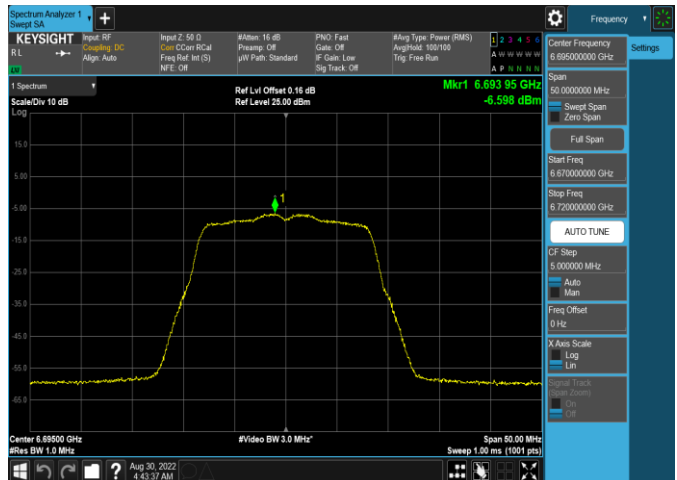
Plot 7-147. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS4)



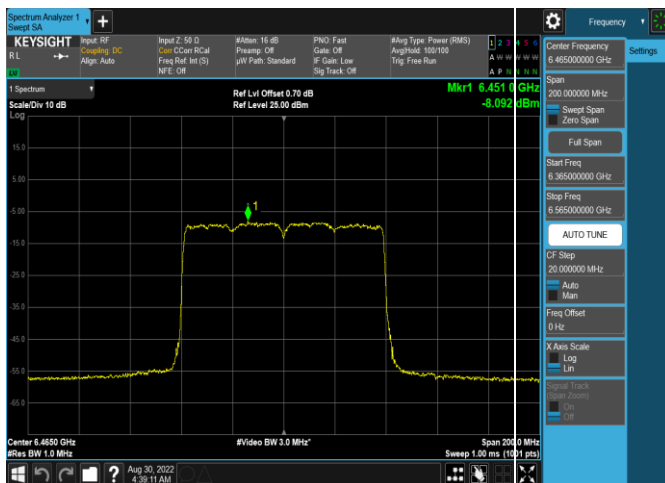
Plot 7-150. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS4)



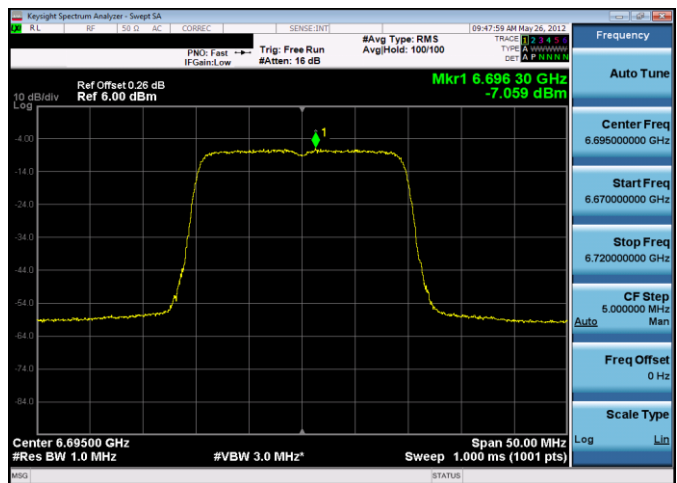
Plot 7-148. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS4)



Plot 7-151. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, MCS4)

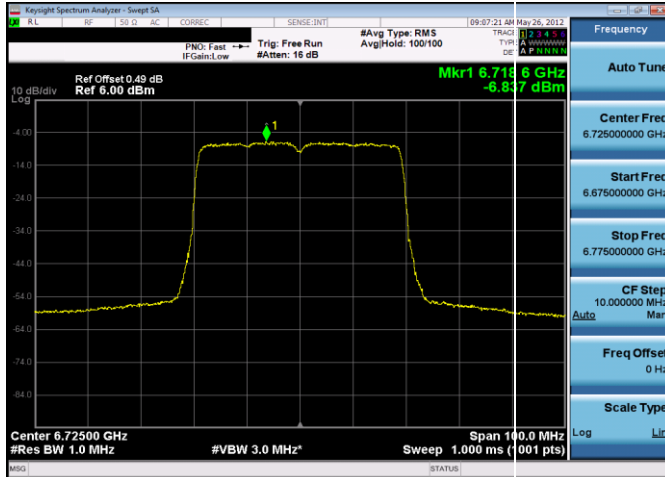


Plot 7-149. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS4)

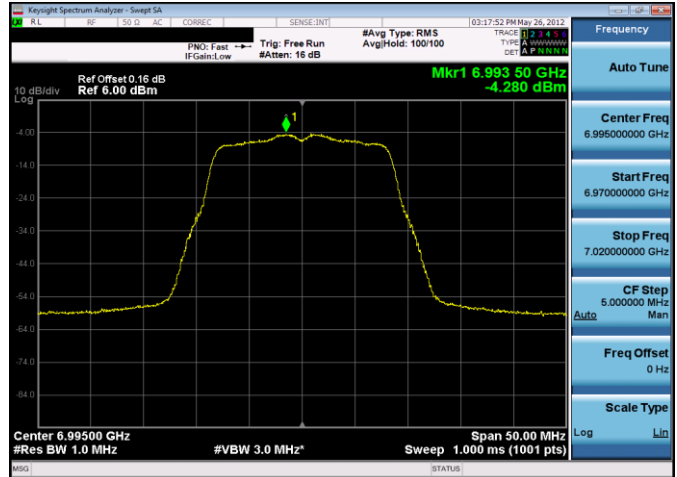


Plot 7-152. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS4)

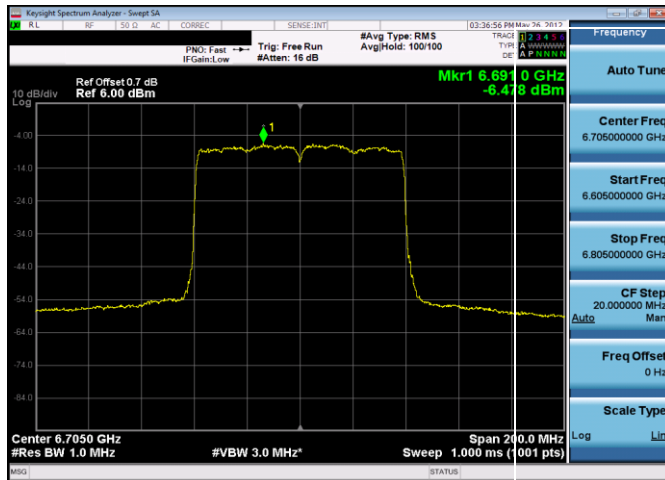
FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 73 of 282



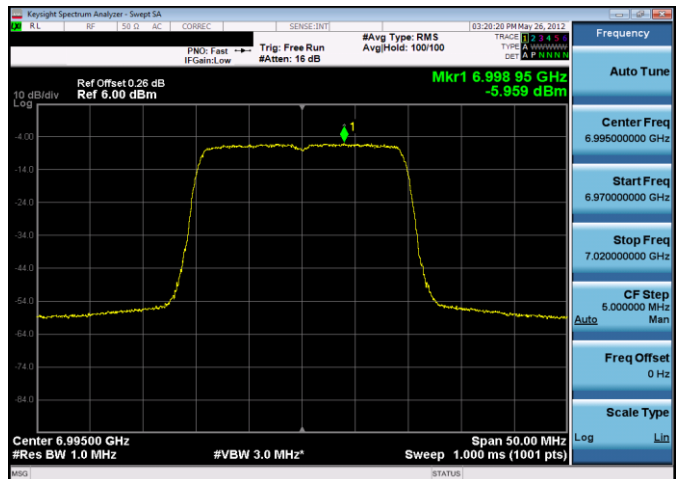
Plot 7-153. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS4)



Plot 7-156. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, MCS4)



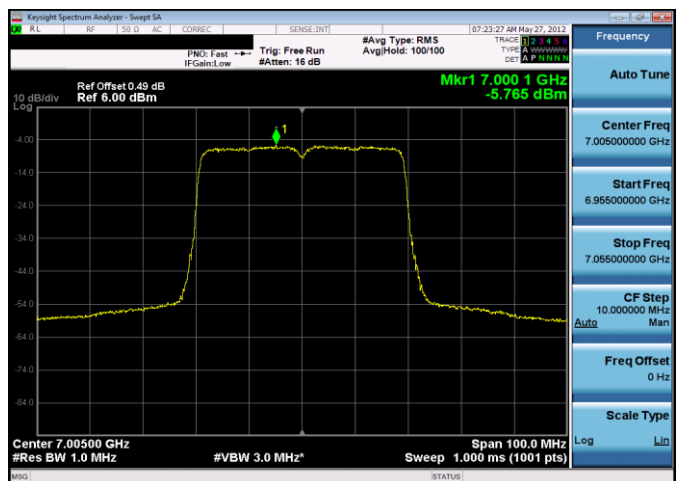
Plot 7-154. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS4)



Plot 7-157. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS4)

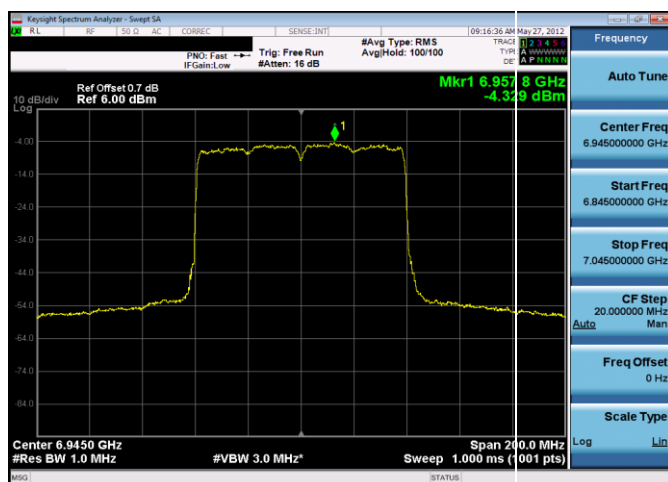


Plot 7-155. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS4)

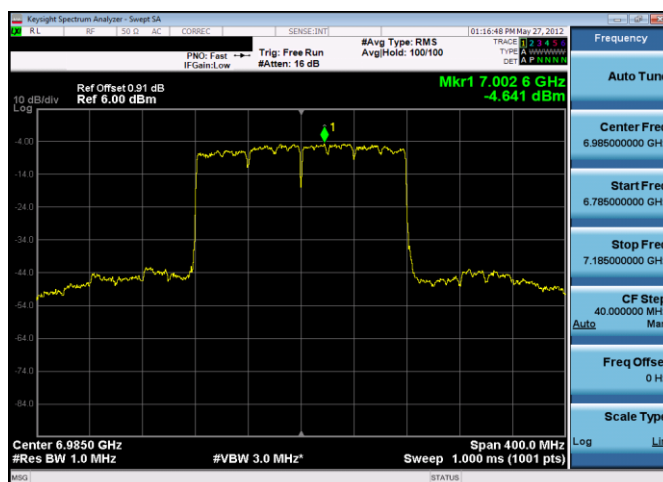


Plot 7-158. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS4)

FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 74 of 282



Plot 7-159. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS4)

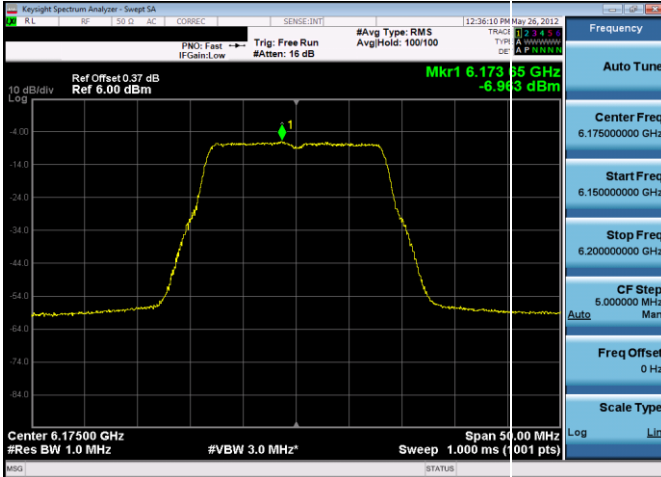


Plot 7-160. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS4)

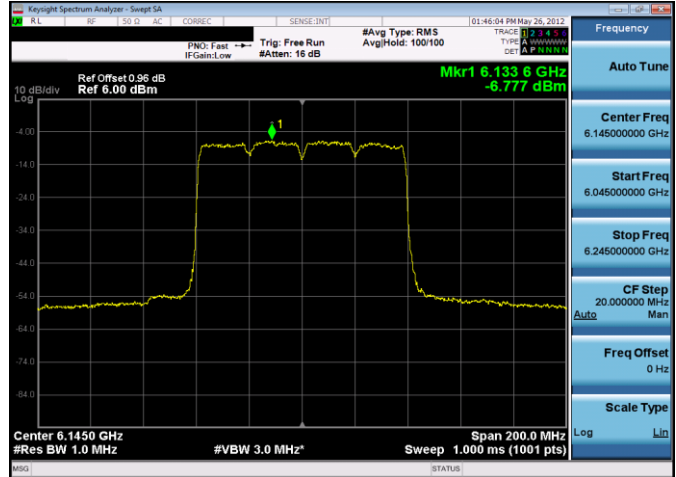
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 75 of 282

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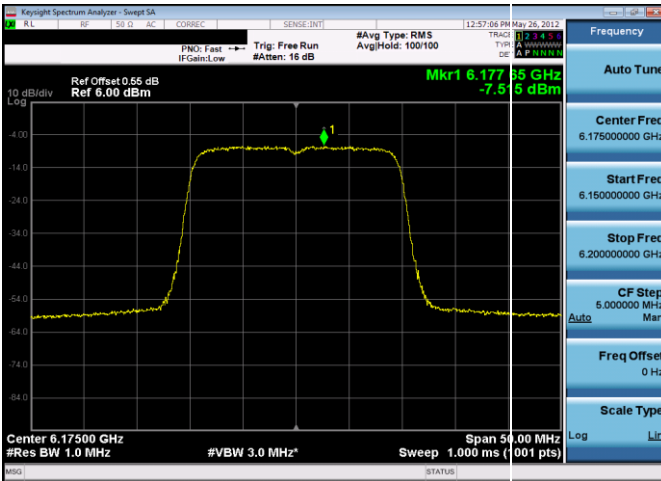
High Data Rate



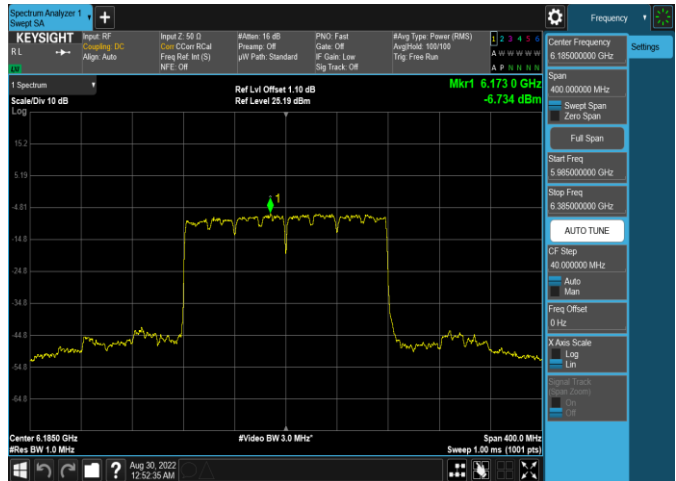
Plot 7-161. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 5) – Ch. 45, MCS11)



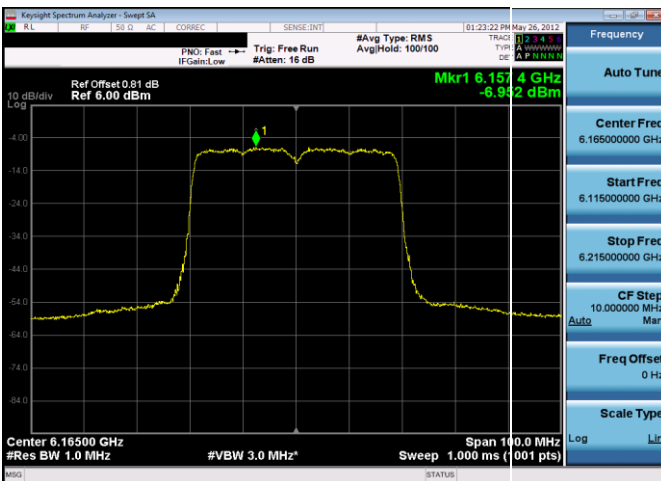
Plot 7-164. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



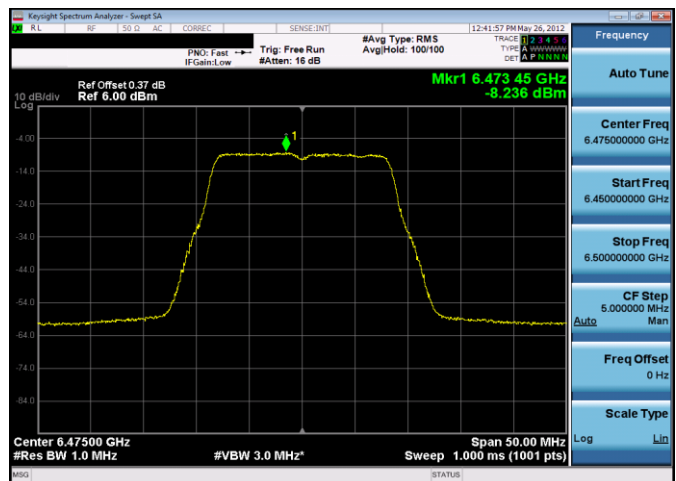
Plot 7-162. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-165. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

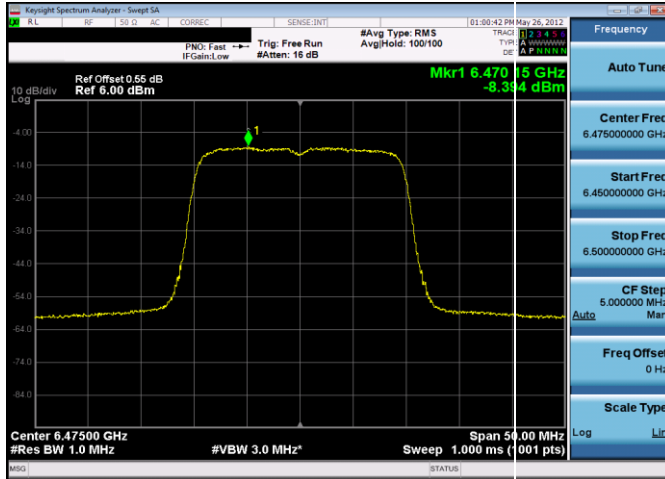


Plot 7-163. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

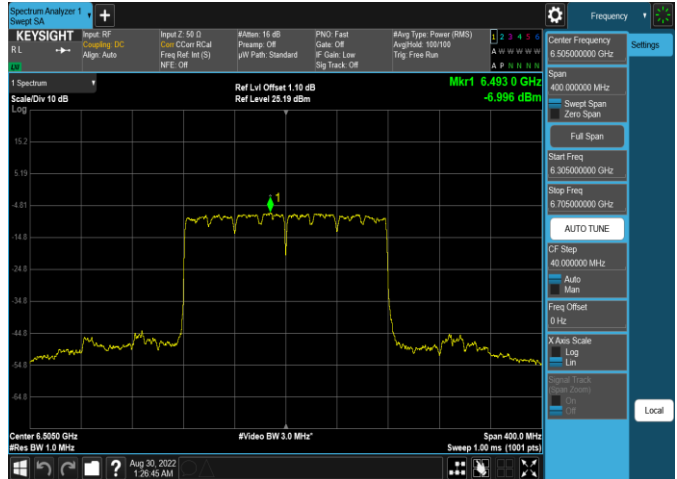


Plot 7-166. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 6) – Ch. 105, MCS11)

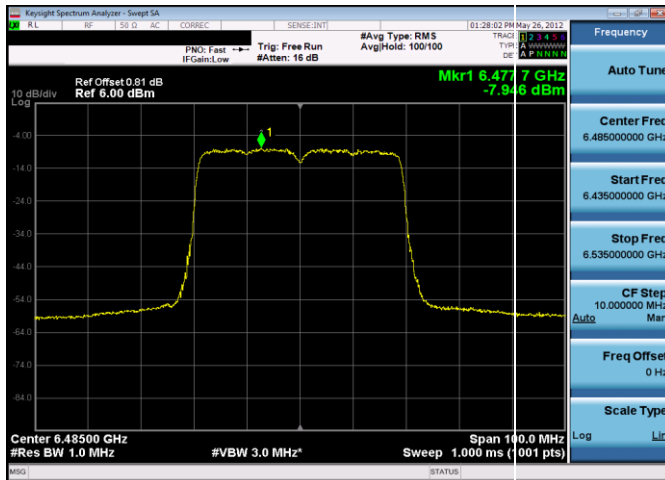
FCC ID: BCGA2764 IC: 579C-A2764		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 76 of 282



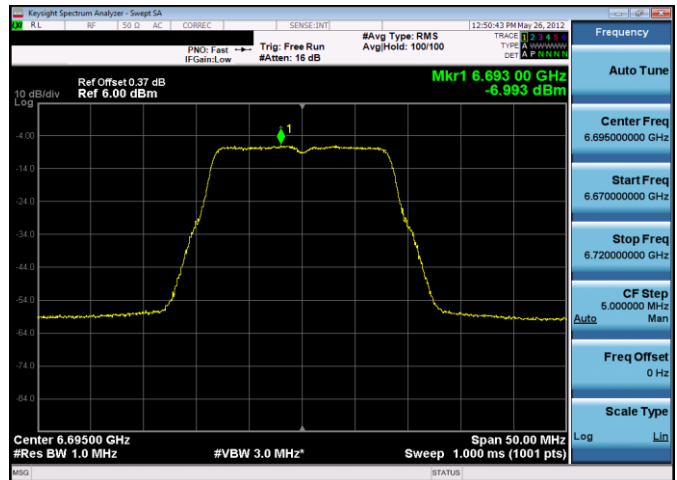
Plot 7-167. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



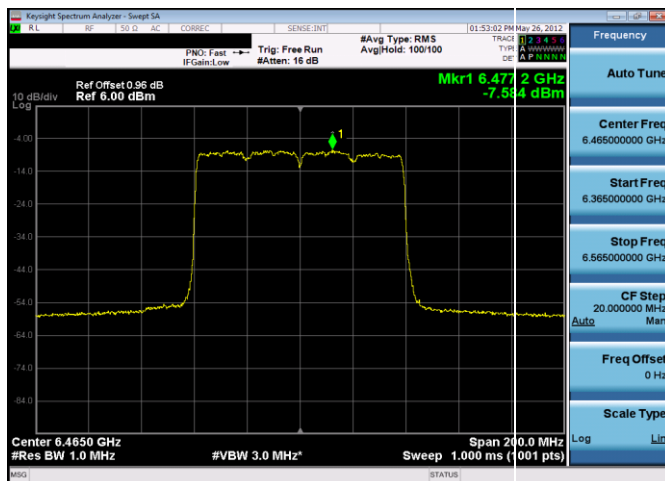
Plot 7-170. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



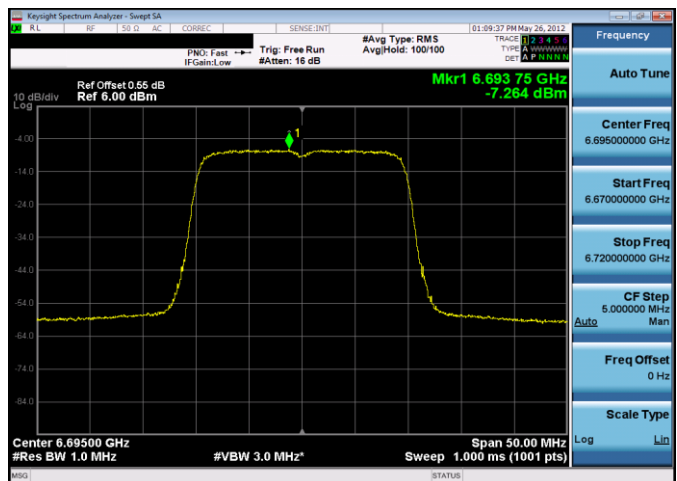
Plot 7-168. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-171. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 7) – Ch. 149, MCS11)

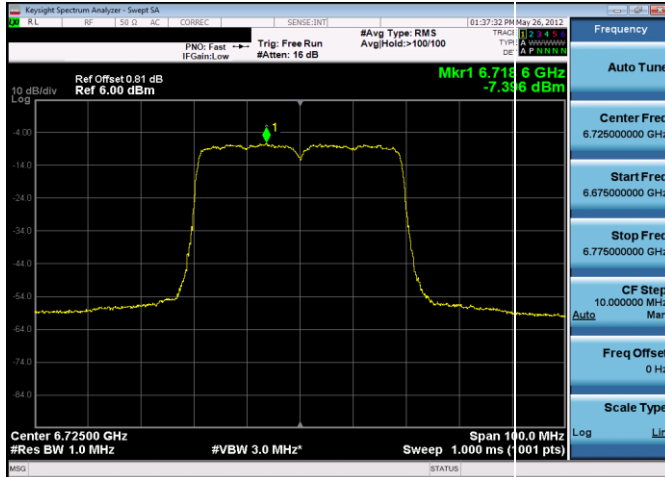


Plot 7-169. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

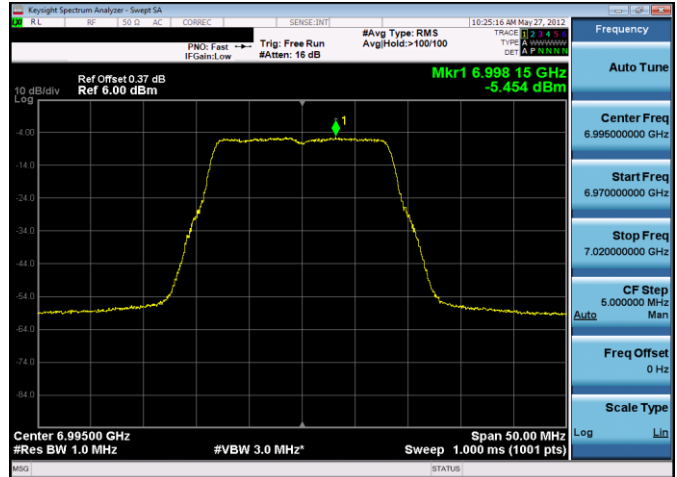


Plot 7-172. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

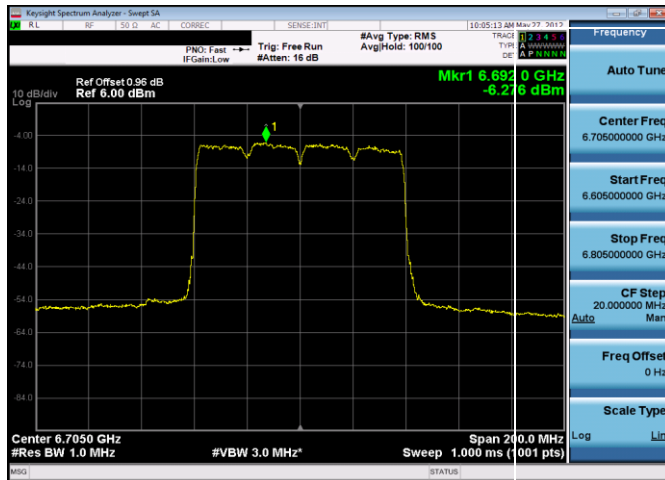
FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 77 of 282



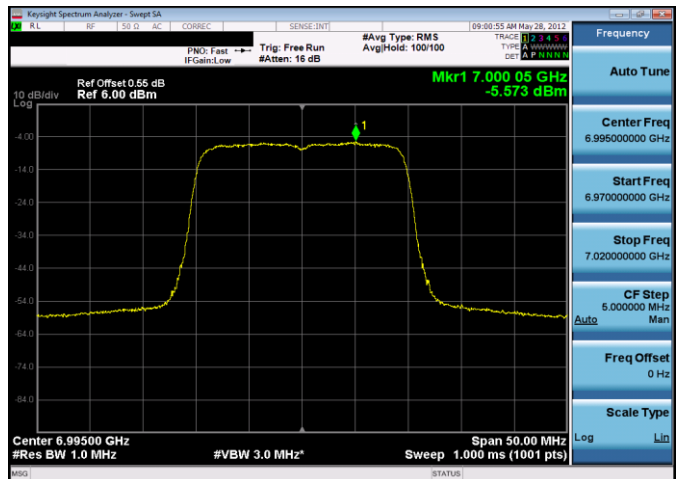
Plot 7-173. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-176. Power Spectral Density Plot Antenna 5b (20MHz 802.11a (UNII Band 8) – Ch. 209, MCS11)



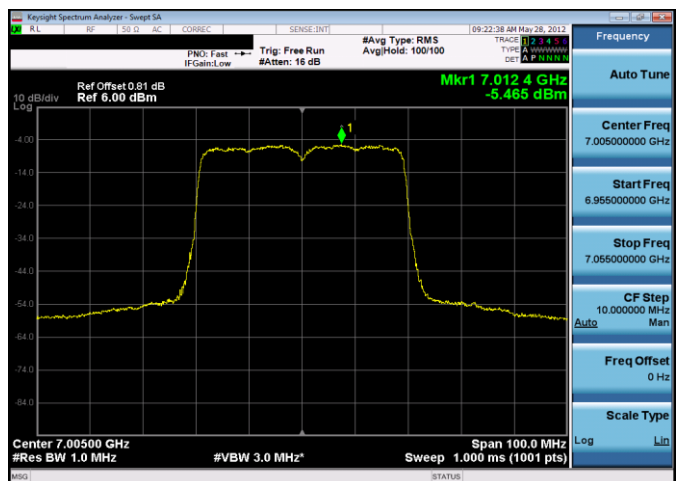
Plot 7-174. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



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

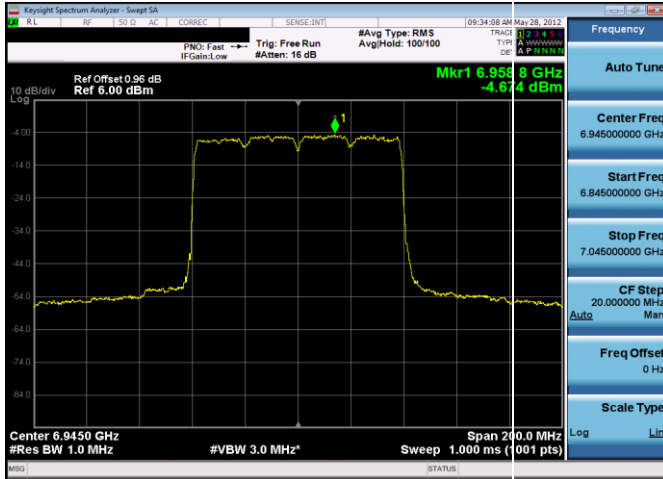


Plot 7-175. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

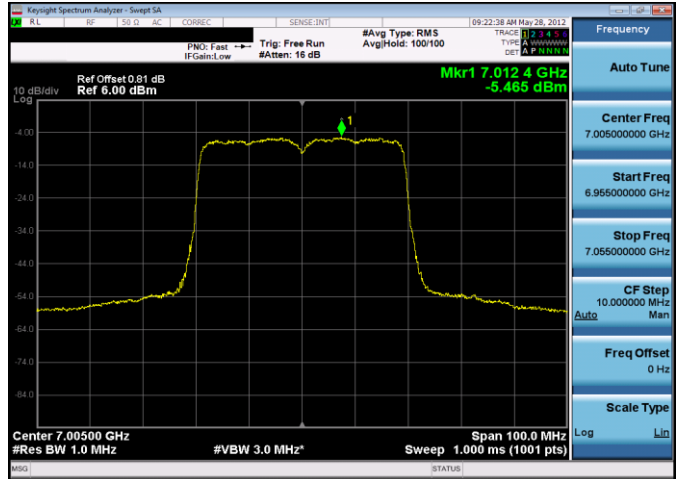


Plot 7-178. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

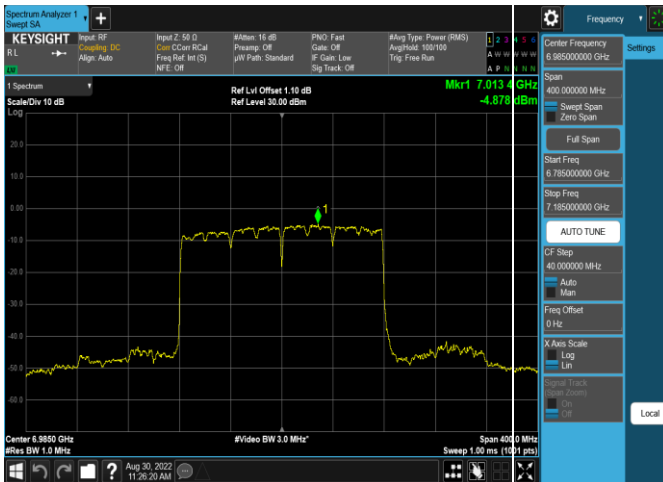
FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 78 of 282



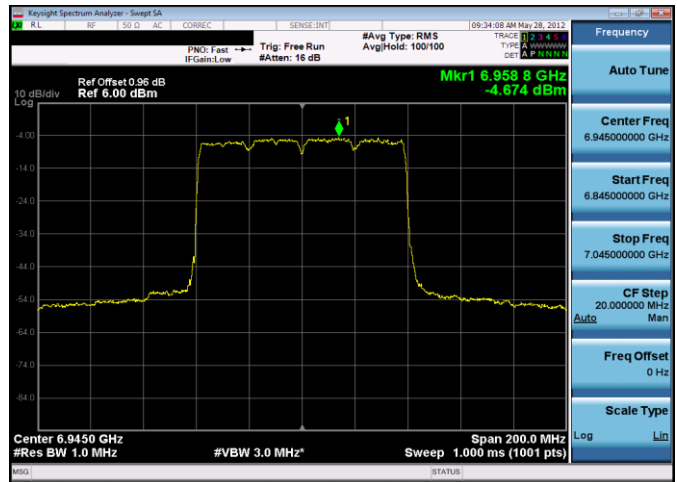
Plot 7-179. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)



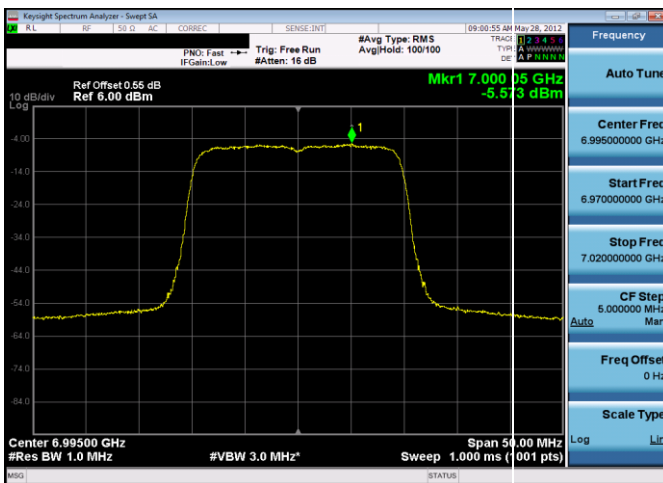
Plot 7-182. Power Spectral Density Plot Antenna 5b (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)



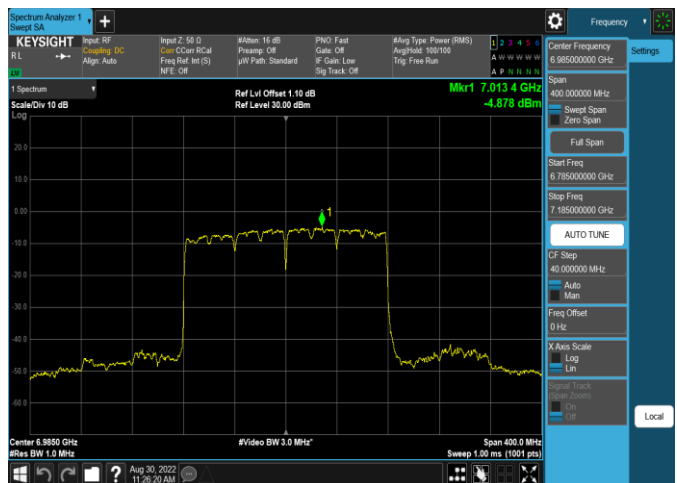
Plot 7-180. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)



Plot 7-183. Power Spectral Density Plot Antenna 5b (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)



Plot 7-181. Power Spectral Density Plot Antenna 5b (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)



Plot 7-184. Power Spectral Density Plot Antenna 5b (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

FCC ID: BCGA2764 IC: 579C-A2764	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 79 of 282

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	-5.71	0.10	-5.61	-1	-4.61
	6175	45	a	12	-6.10	1.30	-4.80	-1	-3.80
	6415	93	a	12	-9.93	1.80	-8.13	-1	-7.13
	5955	1	ax (20MHz)	24/25.8 (MCS2)	-7.64	0.10	-7.54	-1	-6.54
	6175	45	ax (20MHz)	24/25.8 (MCS2)	-7.64	1.30	-6.34	-1	-5.34
	6415	93	ax (20MHz)	24/25.8 (MCS2)	-10.67	1.80	-8.87	-1	-7.87
	5965	3	ax (40MHz)	49/51.6 (MCS2)	-7.68	0.10	-7.58	-1	-6.58
	6165	43	ax (40MHz)	49/51.6 (MCS2)	-7.49	1.30	-6.19	-1	-5.19
	6405	91	ax (40MHz)	49/51.6 (MCS2)	-8.21	1.40	-6.81	-1	-5.81
	5985	7	ax (80MHz)	102/108.1 (MCS2)	-7.40	0.10	-7.30	-1	-6.30
	6145	39	ax (80MHz)	102/108.1 (MCS2)	-7.34	1.30	-6.04	-1	-5.04
	6385	87	ax (80MHz)	102/108.1 (MCS2)	-8.06	1.40	-6.66	-1	-5.66
	6025	15	ax (160MHz)	183.8/216.2 (MCS2)	-7.51	1.70	-5.81	-1	-4.81
	6185	47	ax (160MHz)	183.8/216.2 (MCS2)	-7.24	1.30	-5.94	-1	-4.94
Band 6	6345	79	ax (160MHz)	183.8/216.2 (MCS2)	-8.22	1.40	-6.82	-1	-5.82
	6435	97	a	12	-7.78	1.80	-5.98	-1	-4.98
	6475	105	a	12	-8.21	1.80	-6.41	-1	-5.41
	6515	113	a	12	-13.80	1.10	-12.70	-1	-11.70
	6435	97	ax (20MHz)	24/25.8 (MCS2)	-8.69	1.80	-6.89	-1	-5.89
	6475	105	ax (20MHz)	24/25.8 (MCS2)	-9.58	1.80	-7.78	-1	-6.78
	6515	113	ax (20MHz)	24/25.8 (MCS2)	-9.29	1.10	-8.19	-1	-7.19
	6445	99	ax (40MHz)	49/51.6 (MCS2)	-8.27	1.80	-6.47	-1	-5.47
	6485	107	ax (40MHz)	49/51.6 (MCS2)	-8.54	1.80	-6.74	-1	-5.74
	6525	115	ax (40MHz)	49/51.6 (MCS2)	-8.28	1.10	-7.18	-1	-6.18
Band 7	6465	103	ax (80MHz)	102/108.1 (MCS2)	-8.49	1.80	-6.69	-1	-5.69
	6505	111	ax (160MHz)	183.8/216.2 (MCS2)	-8.15	1.10	-7.05	-1	-6.05
	6535	117	a	12	-7.03	1.10	-5.93	-1	-4.93
	6695	149	a	12	-6.76	0.60	-6.16	-1	-5.16
	6875	185	a	12	-5.83	-1.00	-6.83	-1	-5.83
	6535	117	ax (20MHz)	24/25.8 (MCS2)	-8.34	1.10	-7.24	-1	-6.24
	6695	149	ax (20MHz)	24/25.8 (MCS2)	-7.82	0.60	-7.22	-1	-6.22
	6875	185	ax (20MHz)	24/25.8 (MCS2)	-6.87	-1.00	-7.87	-1	-6.87
	6565	123	ax (40MHz)	49/51.6 (MCS2)	-8.38	1.10	-7.28	-1	-6.28
	6725	155	ax (40MHz)	49/51.6 (MCS2)	-7.64	0.70	-6.94	-1	-5.94
	6845	179	ax (40MHz)	49/51.6 (MCS2)	-6.72	-1.00	-7.72	-1	-6.72
	6545	119	ax (80MHz)	102/108.1 (MCS2)	-8.19	1.10	-7.09	-1	-6.09
Band 8	6705	151	ax (80MHz)	102/108.1 (MCS2)	-7.56	0.60	-6.96	-1	-5.96
	6865	183	ax (80MHz)	102/108.1 (MCS2)	-6.38	-1.00	-7.38	-1	-6.38
	6665	143	ax (160MHz)	183.8/216.2 (MCS2)	-7.62	0.60	-7.02	-1	-6.02
	6825	175	ax (160MHz)	183.8/216.2 (MCS2)	-6.71	-1.00	-7.71	-1	-6.71
	6895	189	a	12	-4.52	-1.00	-5.52	-1	-4.52
	6995	209	a	12	-4.28	-2.00	-6.28	-1	-5.28
	7115	233	a	12	-5.39	-3.00	-8.39	-1	-7.39
	6895	189	ax (20MHz)	24/25.8 (MCS2)	-5.46	-1.00	-6.46	-1	-5.46
	6995	209	ax (20MHz)	24/25.8 (MCS2)	-5.88	-2.00	-7.88	-1	-6.88
	7115	233	ax (20MHz)	24/25.8 (MCS2)	-6.59	-3.00	-9.59	-1	-8.59
	6885	187	ax (40MHz)	49/51.6 (MCS2)	-7.08	-1.00	-8.08	-1	-7.08
	7005	211	ax (40MHz)	49/51.6 (MCS2)	-5.86	-2.00	-7.86	-1	-6.86
	7085	227	ax (40MHz)	49/51.6 (MCS2)	-4.98	-3.00	-7.98	-1	-6.98
	6945	199	ax (80MHz)	102/108.1 (MCS2)	-5.47	-2.00	-7.47	-1	-6.47
	7025	215	ax (80MHz)	102/108.1 (MCS2)	-5.00	-3.30	-8.30	-1	-7.30
	6985	207	ax (160MHz)	183.8/216.2 (MCS2)	-5.57	-2.00	-7.57	-1	-6.57

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

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 80 of 282

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	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	-5.42	0.10	-5.32	-1	-4.32
	6175	45	a	24	-5.49	1.30	-4.19	-1	-3.19
	6415	93	a	24	-8.84	1.80	-7.04	-1	-6.04
	5955	1	ax (20MHz)	49/51.6 (MCS4)	-7.86	0.10	-7.76	-1	-6.76
	6175	45	ax (20MHz)	49/51.6 (MCS4)	-7.81	1.30	-6.51	-1	-5.51
	6415	93	ax (20MHz)	49/51.6 (MCS4)	-10.22	1.80	-8.42	-1	-7.42
	5965	3	ax (40MHz)	98/103.2 (MCS4)	-6.51	0.10	-6.41	-1	-5.41
	6165	43	ax (40MHz)	98/103.2 (MCS4)	-7.72	1.30	-6.42	-1	-5.42
	6405	91	ax (40MHz)	98/103.2 (MCS4)	-8.30	1.40	-6.90	-1	-5.90
	5985	7	ax (80MHz)	204/216.2 (MCS4)	-8.87	0.10	-8.77	-1	-7.77
	6145	39	ax (80MHz)	204/216.2 (MCS4)	-9.36	1.30	-8.06	-1	-7.06
	6385	87	ax (80MHz)	204/216.2 (MCS4)	-9.74	1.40	-8.34	-1	-7.34
	6025	15	ax (160MHz)	367.5/432.4 (MCS4)	-7.37	1.70	-5.67	-1	-4.67
Band 6	6185	47	ax (160MHz)	367.5/432.4 (MCS4)	-7.10	1.30	-5.80	-1	-4.80
	6345	79	ax (160MHz)	367.5/432.4 (MCS4)	-7.77	1.40	-6.37	-1	-5.37
	6435	97	a	24	-7.47	1.80	-5.67	-1	-4.67
	6475	105	a	24	-8.06	1.80	-6.26	-1	-5.26
	6515	113	a	24	-8.27	1.10	-7.17	-1	-6.17
	6435	97	ax (20MHz)	49/51.6 (MCS4)	-8.90	1.80	-7.10	-1	-6.10
	6475	105	ax (20MHz)	49/51.6 (MCS4)	-9.49	1.80	-7.69	-1	-6.69
	6515	113	ax (20MHz)	49/51.6 (MCS4)	-9.37	1.10	-8.27	-1	-7.27
	6445	99	ax (40MHz)	98/103.2 (MCS4)	-8.53	1.80	-6.73	-1	-5.73
	6485	107	ax (40MHz)	98/103.2 (MCS4)	-8.39	1.80	-6.59	-1	-5.59
Band 7	6525	115	ax (40MHz)	98/103.2 (MCS4)	-8.28	1.10	-7.18	-1	-6.18
	6465	103	ax (80MHz)	204/216.2 (MCS4)	-8.83	1.80	-7.03	-1	-6.03
	6505	111	ax (160MHz)	367.5/432.4 (MCS4)	-7.55	1.10	-6.45	-1	-5.45
	6535	117	a	24	-6.99	1.10	-5.89	-1	-4.89
	6695	149	a	24	-6.84	0.60	-6.24	-1	-5.24
	6875	185	a	24	-5.69	-1.00	-6.69	-1	-5.69
	6535	117	ax (20MHz)	49/51.6 (MCS4)	-8.21	1.10	-7.11	-1	-6.11
	6695	149	ax (20MHz)	49/51.6 (MCS4)	-7.36	0.60	-6.76	-1	-5.76
	6875	185	ax (20MHz)	49/51.6 (MCS4)	-6.93	-1.00	-7.93	-1	-6.93
	6565	123	ax (40MHz)	98/103.2 (MCS4)	-7.93	1.10	-6.83	-1	-5.83
Band 8	6725	155	ax (40MHz)	98/103.2 (MCS4)	-7.70	0.70	-7.00	-1	-6.00
	6845	179	ax (40MHz)	98/103.2 (MCS4)	-7.33	-1.00	-8.33	-1	-7.33
	6545	119	ax (80MHz)	204/216.2 (MCS4)	-8.30	1.10	-7.20	-1	-6.20
	6705	151	ax (80MHz)	204/216.2 (MCS4)	-7.66	0.60	-7.06	-1	-6.06
	6865	183	ax (80MHz)	204/216.2 (MCS4)	-7.22	-1.00	-8.22	-1	-7.22
	6665	143	ax (160MHz)	367.5/432.4 (MCS4)	-7.23	0.60	-6.63	-1	-5.63
	6825	175	ax (160MHz)	367.5/432.4 (MCS4)	-7.03	-1.00	-8.03	-1	-7.03
	6895	189	a	24	-4.41	-1.00	-5.41	-1	-4.41
	6995	209	a	24	-4.36	-2.00	-6.36	-1	-5.36
	7115	233	a	24	-5.24	-3.00	-8.24	-1	-7.24
Band 8	6895	189	ax (20MHz)	49/51.6 (MCS4)	-5.07	-1.00	-6.07	-1	-5.07
	6995	209	ax (20MHz)	49/51.6 (MCS4)	-5.61	-2.00	-7.61	-1	-6.61
	7115	233	ax (20MHz)	49/51.6 (MCS4)	-6.28	-3.00	-9.28	-1	-8.28
	6885	187	ax (40MHz)	98/103.2 (MCS4)	-7.30	-1.00	-8.30	-1	-7.30
	7005	211	ax (40MHz)	98/103.2 (MCS4)	-5.32	-2.00	-7.32	-1	-6.32
	7085	227	ax (40MHz)	98/103.2 (MCS4)	-5.48	-3.00	-8.48	-1	-7.48
	6945	199	ax (80MHz)	204/216.2 (MCS4)	-4.93	-2.00	-6.93	-1	-5.93
	7025	215	ax (80MHz)	204/216.2 (MCS4)	-5.09	-3.30	-8.39	-1	-7.39
	6985	207	ax (160MHz)	367.5/432.4 (MCS4)	-5.53	-2.00	-7.53	-1	-6.53

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

FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 81 of 282

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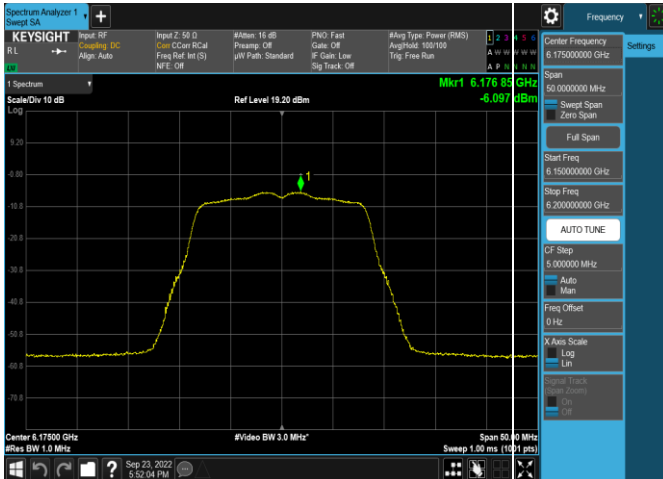
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54	-6.66	0.10	-6.56	-1	-5.56
	6175	45	a	54	-6.59	1.30	-5.29	-1	-4.29
	6415	93	a	54	-9.35	1.80	-7.55	-1	-6.55
	5955	1	ax (20MHz)	135/143.4 (MCS11)	-6.89	0.10	-6.79	-1	-5.79
	6175	45	ax (20MHz)	135/143.4 (MCS11)	-7.91	1.30	-6.61	-1	-5.61
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-11.22	1.80	-9.42	-1	-8.42
	5965	3	ax (40MHz)	271/286.8 (MCS11)	-6.74	0.10	-6.64	-1	-5.64
	6165	43	ax (40MHz)	271/286.8 (MCS11)	-7.43	1.30	-6.13	-1	-5.13
	6405	91	ax (40MHz)	271/286.8 (MCS11)	-8.47	1.40	-7.07	-1	-6.07
	5985	7	ax (80MHz)	567/600.5 (MCS11)	-7.61	0.10	-7.51	-1	-6.51
	6145	39	ax (80MHz)	567/600.5 (MCS11)	-8.06	1.30	-6.76	-1	-5.76
	6385	87	ax (80MHz)	567/600.5 (MCS11)	-8.45	1.40	-7.05	-1	-6.05
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-7.22	1.70	-5.52	-1	-4.52
Band 6	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-7.09	1.30	-5.79	-1	-4.79
	6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-7.84	1.40	-6.44	-1	-5.44
	6435	97	a	54	-7.34	1.80	-5.54	-1	-4.54
	6475	105	a	54	-7.88	1.80	-6.08	-1	-5.08
	6515	113	a	54	-7.50	1.10	-6.40	-1	-5.40
	6435	97	ax (20MHz)	135/143.4 (MCS11)	-8.24	1.80	-6.44	-1	-5.44
	6475	105	ax (20MHz)	135/143.4 (MCS11)	-8.13	1.80	-6.33	-1	-5.33
	6515	113	ax (20MHz)	135/143.4 (MCS11)	-8.20	1.10	-7.10	-1	-6.10
	6445	99	ax (40MHz)	271/286.8 (MCS11)	-8.43	1.80	-6.63	-1	-5.63
	6485	107	ax (40MHz)	271/286.8 (MCS11)	-8.21	1.80	-6.41	-1	-5.41
Band 7	6525	115	ax (40MHz)	271/286.8 (MCS11)	-7.94	1.10	-6.84	-1	-5.84
	6465	103	ax (80MHz)	567/600.5 (MCS11)	-8.65	1.80	-6.85	-1	-5.85
	6505	111	ax (160MHz)	1020.8/1201 (MCS11)	-7.44	1.10	-6.34	-1	-5.34
	6535	117	a	54	-8.18	1.10	-7.08	-1	-6.08
	6695	149	a	54	-8.03	0.60	-7.43	-1	-6.43
	6875	185	a	54	-7.08	-1.00	-8.08	-1	-7.08
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-7.87	1.10	-6.77	-1	-5.77
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-7.61	0.60	-7.01	-1	-6.01
	6875	185	ax (20MHz)	135/143.4 (MCS11)	-7.40	-1.00	-8.40	-1	-7.40
	6565	123	ax (40MHz)	271/286.8 (MCS11)	-7.46	1.10	-6.36	-1	-5.36
Band 8	6725	155	ax (40MHz)	271/286.8 (MCS11)	-7.45	0.70	-6.75	-1	-5.75
	6845	179	ax (40MHz)	271/286.8 (MCS11)	-6.98	-1.00	-7.98	-1	-6.98
	6545	119	ax (80MHz)	567/600.5 (MCS11)	-8.09	1.10	-6.99	-1	-5.99
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-7.19	0.60	-6.59	-1	-5.59
	6865	183	ax (80MHz)	567/600.5 (MCS11)	-6.84	-1.00	-7.84	-1	-6.84
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-7.20	0.60	-6.60	-1	-5.60
	6825	175	ax (160MHz)	1020.8/1201 (MCS11)	-6.82	-1.00	-7.82	-1	-6.82
	6895	189	a	54	-5.78	-1.00	-6.78	-1	-5.78
	6995	209	a	54	-5.40	-2.00	-7.40	-1	-6.40
	7115	233	a	54	-6.69	-3.00	-9.69	-1	-8.69
	6895	189	ax (20MHz)	135/143.4 (MCS11)	-5.84	-1.00	-6.84	-1	-5.84
	6995	209	ax (20MHz)	135/143.4 (MCS11)	-6.90	-2.00	-8.90	-1	-7.90
	7115	233	ax (20MHz)	135/143.4 (MCS11)	-7.89	-3.00	-10.89	-1	-9.89
	6885	187	ax (40MHz)	271/286.8 (MCS11)	-7.07	-1.00	-8.07	-1	-7.07
	7005	211	ax (40MHz)	271/286.8 (MCS11)	-6.65	-2.00	-8.65	-1	-7.65
	7085	227	ax (40MHz)	271/286.8 (MCS11)	-6.45	-3.00	-9.45	-1	-8.45
	6945	199	ax (80MHz)	567/600.5 (MCS11)	-5.06	-2.00	-7.06	-1	-6.06
	7025	215	ax (80MHz)	567/600.5 (MCS11)	-6.23	-3.30	-9.53	-1	-8.53
	6985	207	ax (160MHz)	1020.8/1201 (MCS11)	-5.34	-2.00	-7.34	-1	-6.34

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

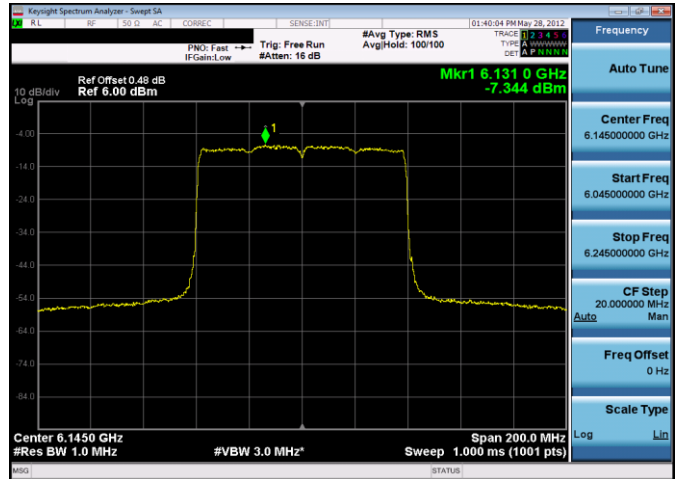
FCC ID: BCGA2764 IC: 579C-A2764	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2205090028-21-R2.BCG	Test Dates: 5/30/2022 - 9/16/2022	EUT Type: Tablet Device	Page 82 of 282

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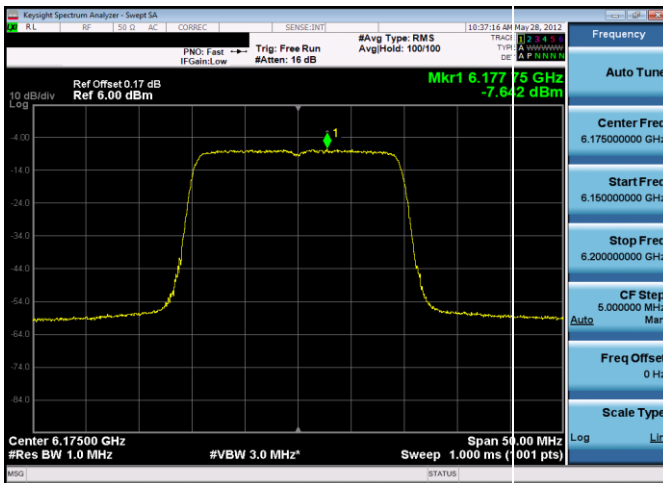
Low Data Rate



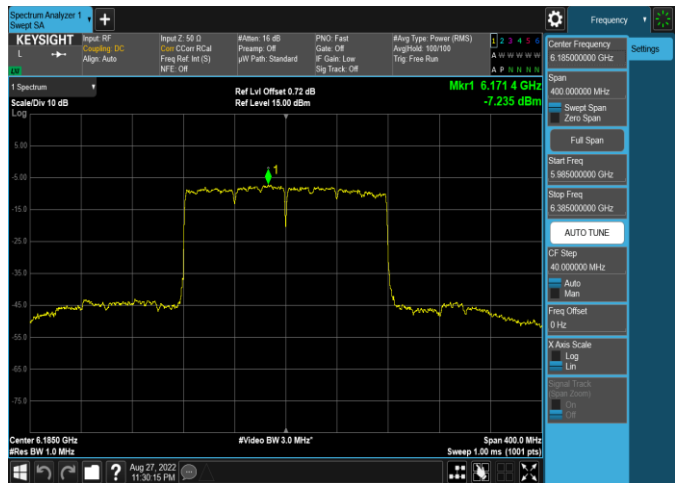
Plot 7-185. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 5) – Ch. 45, MCS2)



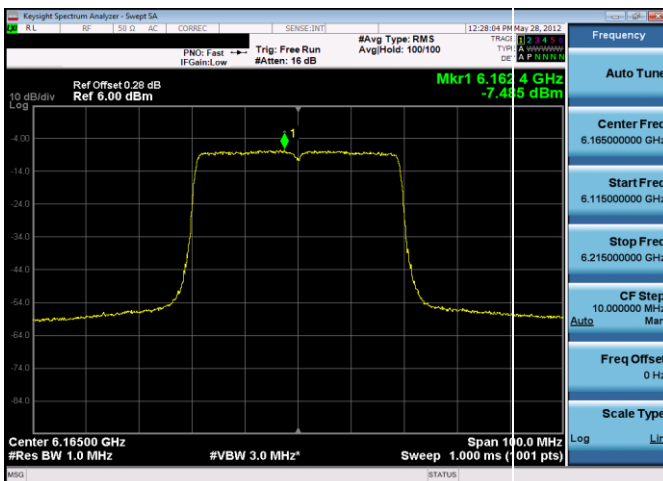
Plot 7-188. Power Spectral Density Plot Antenna 4a (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS2)



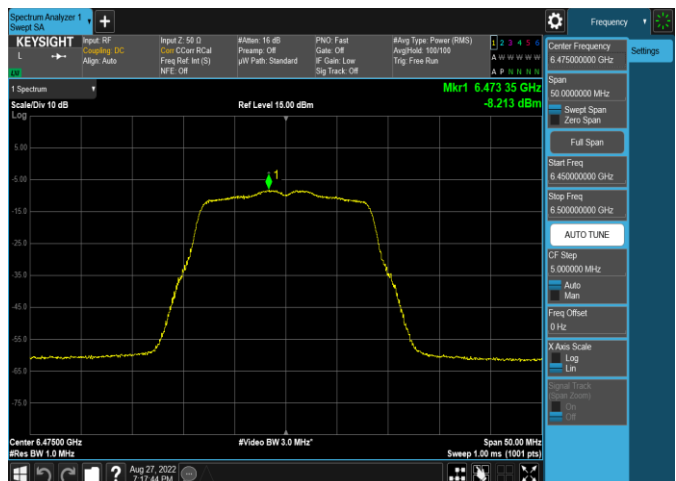
Plot 7-186. Power Spectral Density Plot Antenna 4a (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS2)



Plot 7-189. Power Spectral Density Plot Antenna 4a (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS2)



Plot 7-187. Power Spectral Density Plot Antenna 4a (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS2)



Plot 7-190. Power Spectral Density Plot Antenna 4a (20MHz 802.11a (UNII Band 6) – Ch. 105, MCS2)

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