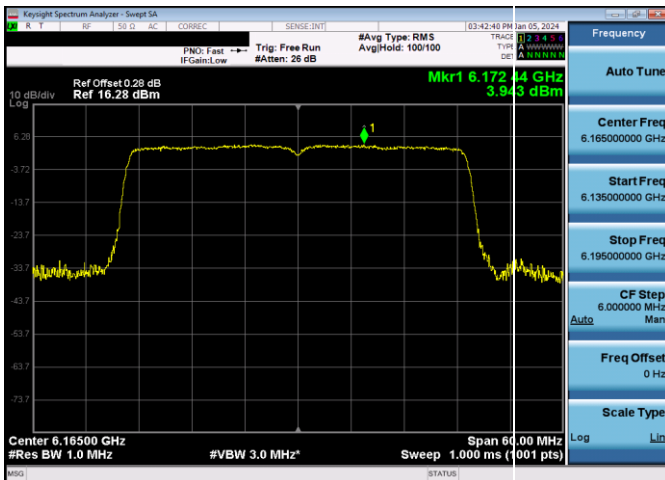


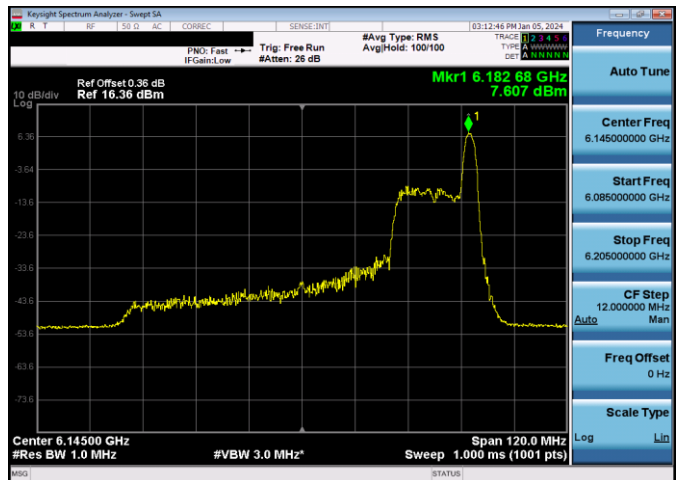
Plot 7-135. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



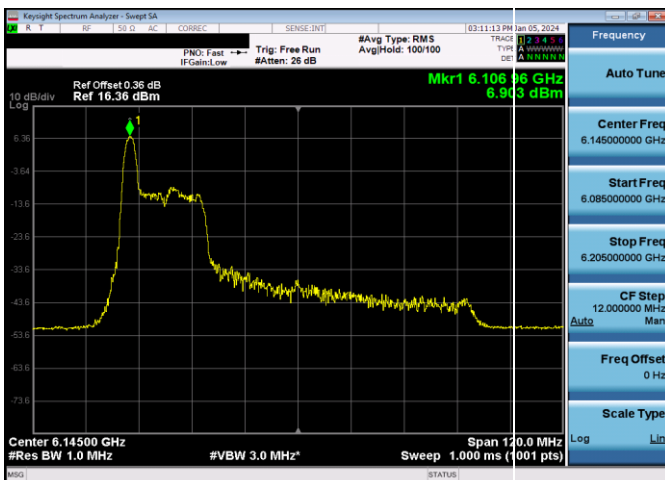
Plot 7-138. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



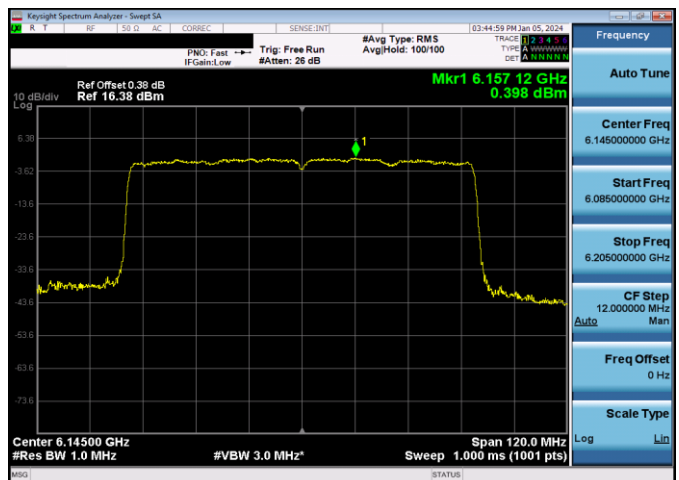
Plot 7-136. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-139. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

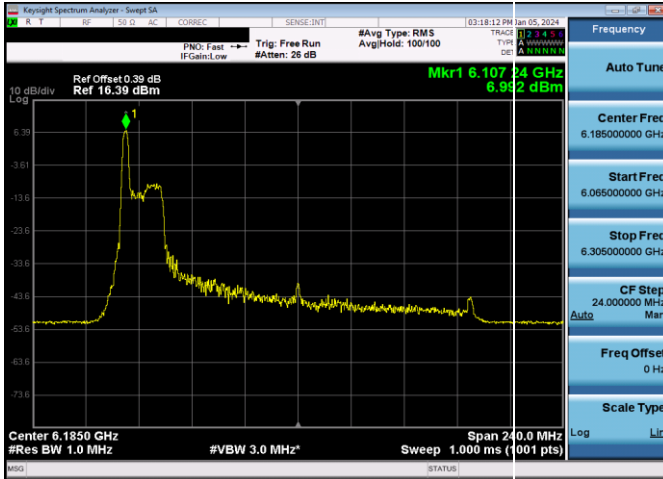


Plot 7-137. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

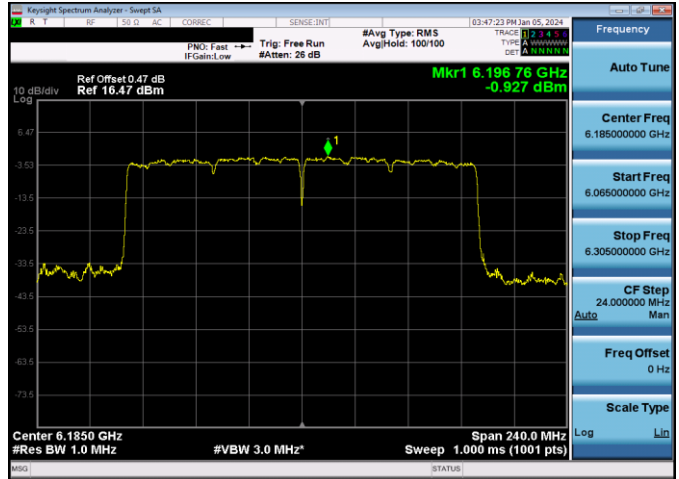


Plot 7-140. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

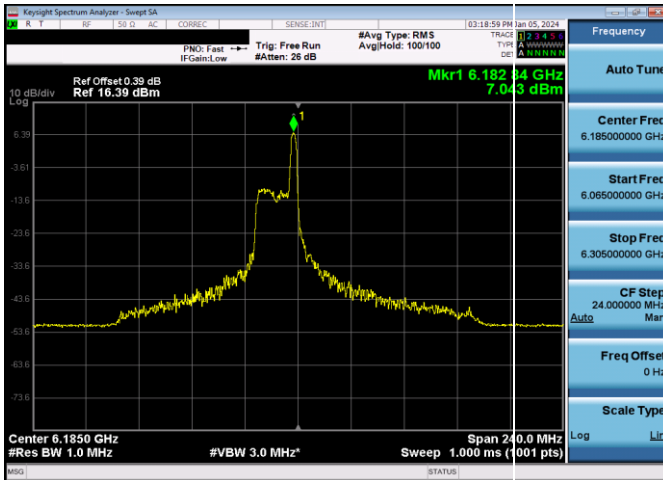
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 81 of 384



Plot 7-141. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



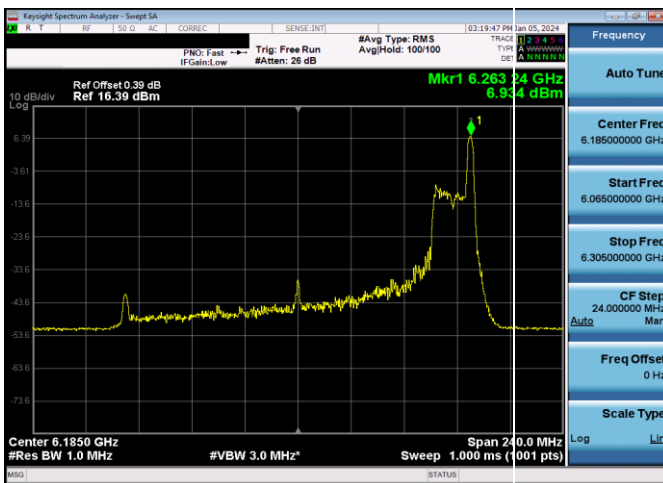
Plot 7-144. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



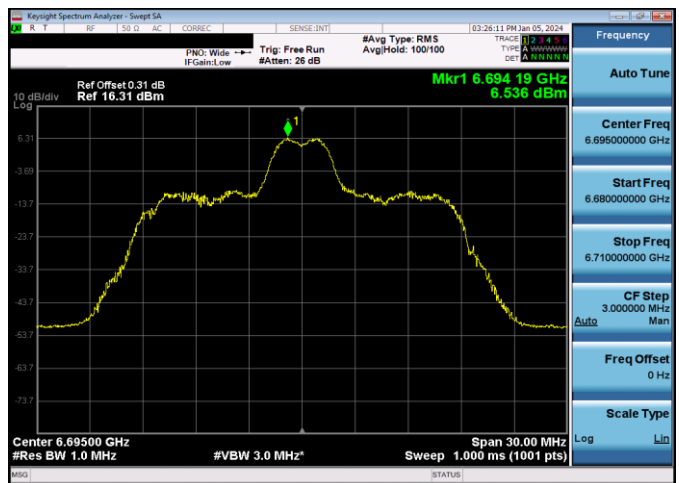
Plot 7-142. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-145. SP Power Spectral Density Plot Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

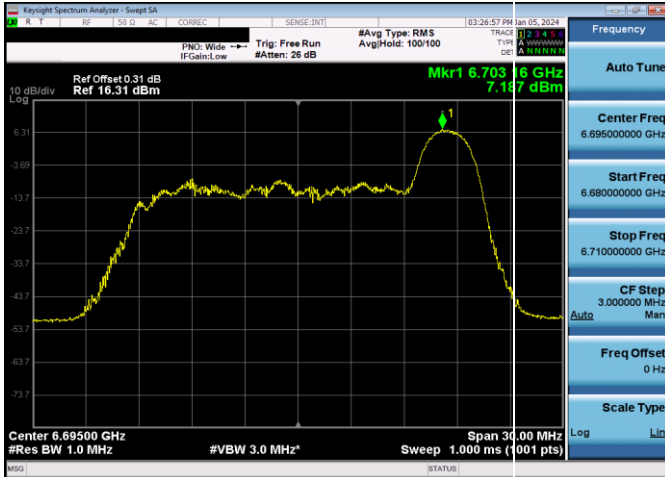


Plot 7-143. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

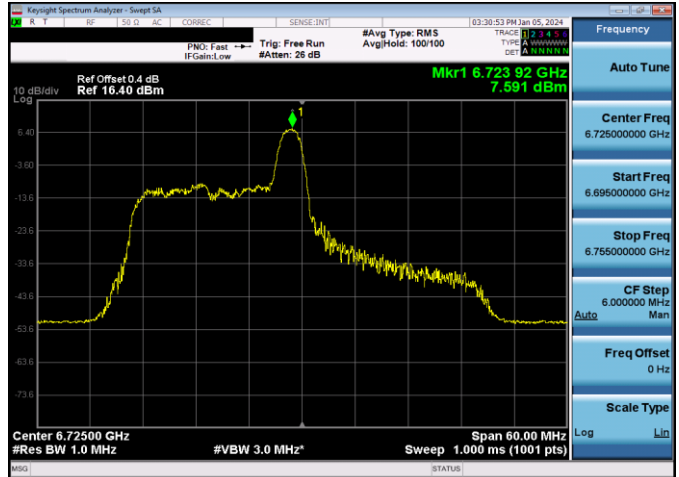


Plot 7-146. SP Power Spectral Density Plot Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

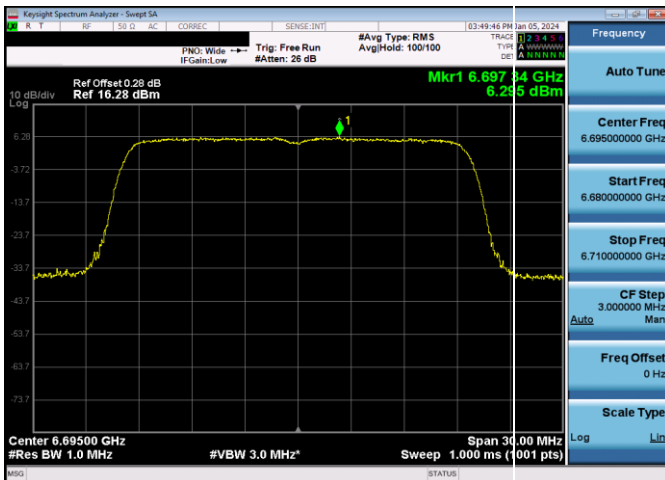
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 82 of 384



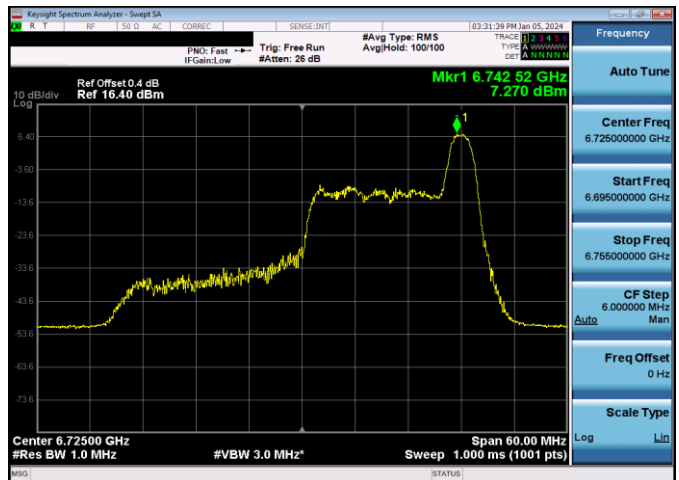
Plot 7-147. SP Power Spectral Density Plot Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 7) - Ch. 149)



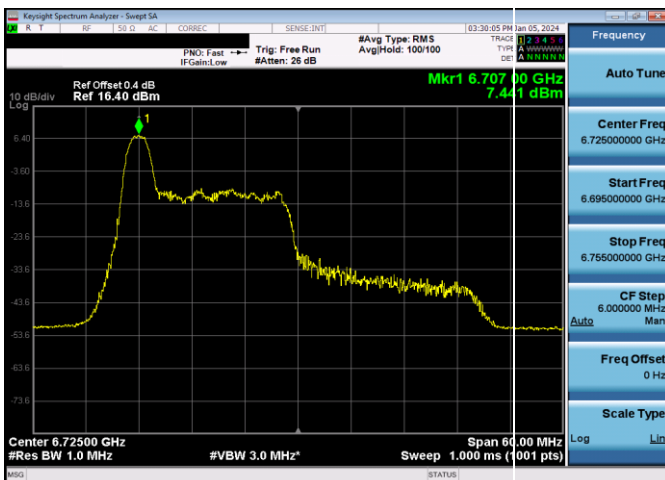
Plot 7-150. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)



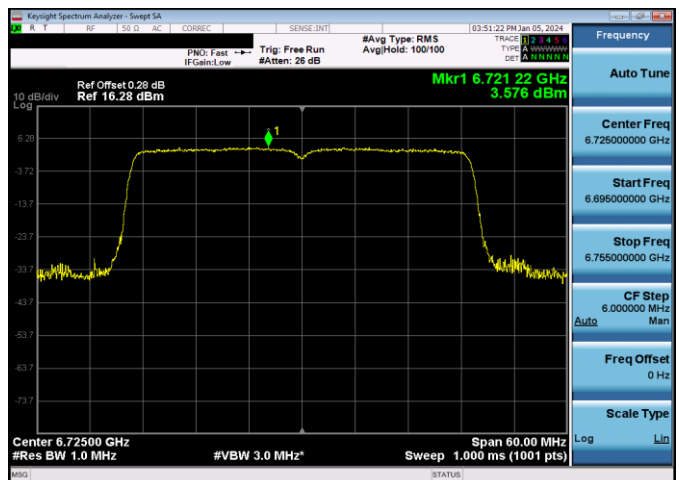
Plot 7-148. SP Power Spectral Density Plot Antenna WF8 (20MHz 802.11ax RU242 (UNII Band 7) - Ch. 149)



Plot 7-151. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)

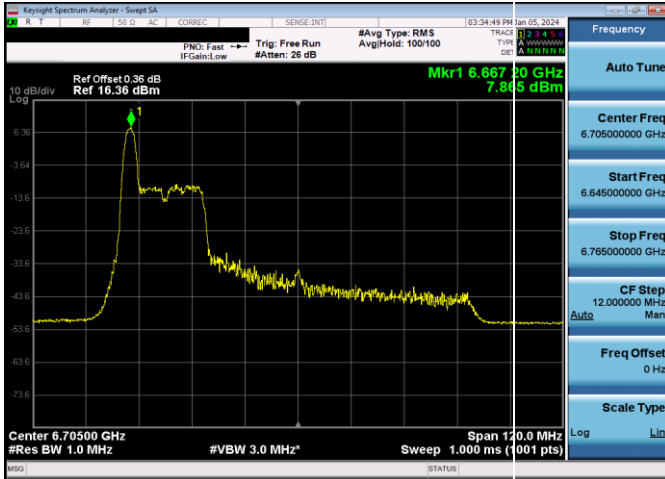


Plot 7-149. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU26 (UNII Band 7) - Ch. 155)

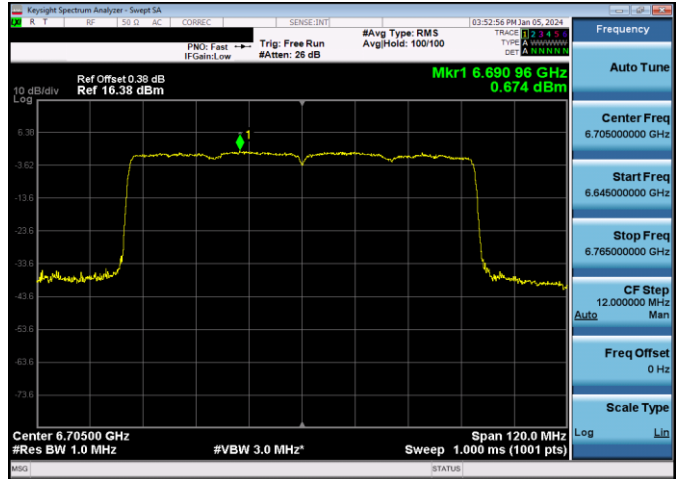


Plot 7-152. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU484 (UNII Band 7) - Ch. 155)

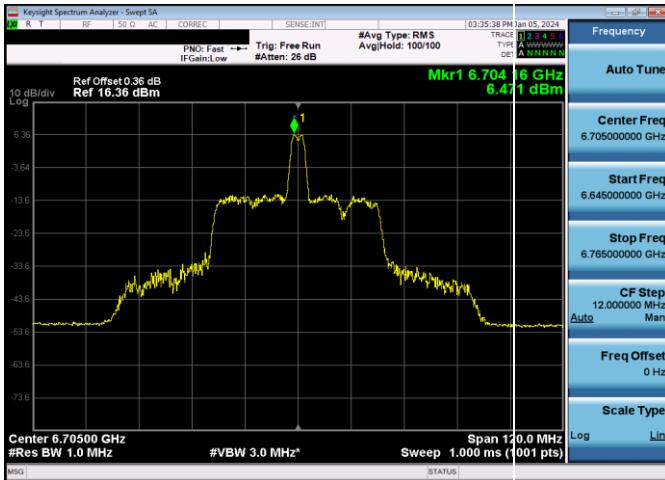
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 83 of 384



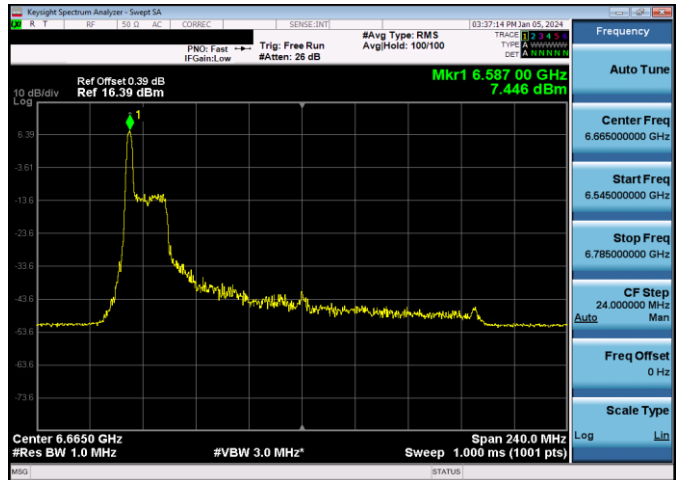
Plot 7-153. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 151)



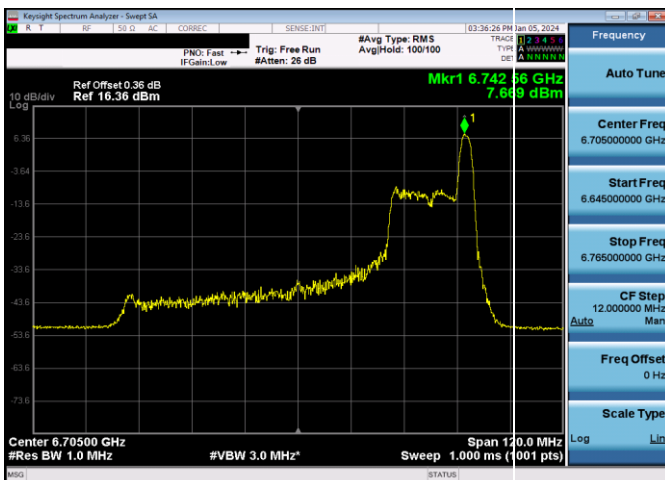
Plot 7-156. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU996 (UNII Band 7) - Ch. 151)



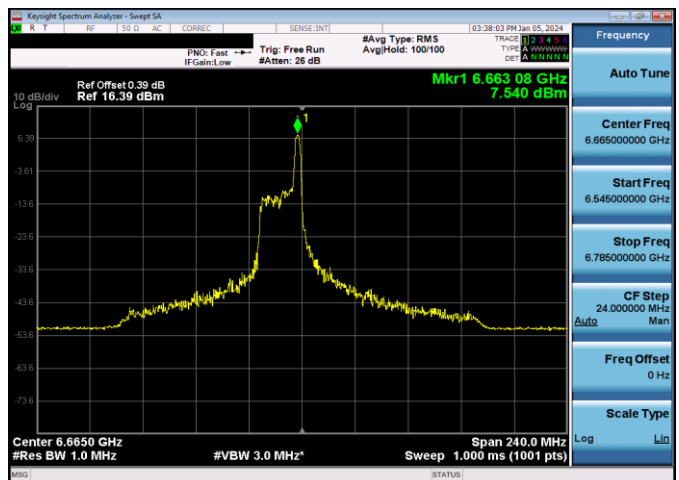
Plot 7-154. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 151)



Plot 7-157. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 143)

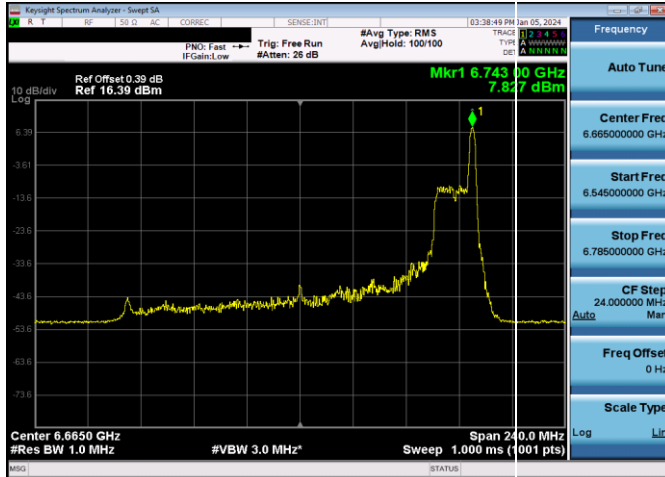


Plot 7-155. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 7) - Ch. 151)



Plot 7-158. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 7) - Ch. 143)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 84 of 384



Plot 7-159. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-160. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 85 of 384

7.4.2 Antenna WF7a SP Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	1	ax (20MHz)	26	0	12.5/14.7 (MCS11)	8.13	3.60	11.73	17	-5.27
	5935	1	ax (20MHz)	26	4	12.5/14.7 (MCS11)	7.21	3.60	10.81	17	-6.20
	5935	1	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.93	3.60	11.53	17	-5.47
	6175	45	ax (20MHz)	26	0	12.5/14.7 (MCS11)	8.24	3.60	11.84	17	-5.16
	6175	45	ax (20MHz)	26	4	12.5/14.7 (MCS11)	7.27	3.60	10.87	17	-6.13
	6175	45	ax (20MHz)	26	8	12.5/14.7 (MCS11)	8.33	3.60	11.93	17	-5.07
	6415	93	ax (20MHz)	26	0	12.5/14.7 (MCS11)	8.21	3.60	11.81	17	-5.19
	6415	93	ax (20MHz)	26	4	12.5/14.7 (MCS11)	7.52	3.60	11.12	17	-5.88
	6415	93	ax (20MHz)	26	8	12.5/14.7 (MCS11)	8.40	3.60	12.00	17	-5.00
	5965	3	ax (40MHz)	26	0	12.5/14.7 (MCS11)	8.14	3.60	11.74	17	-5.26
	5965	3	ax (40MHz)	26	8	12.5/14.7 (MCS11)	8.70	3.60	12.30	17	-4.70
	5965	3	ax (40MHz)	26	17	12.5/14.7 (MCS11)	8.39	3.60	11.99	17	-5.01
	6165	43	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.98	3.60	11.58	17	-5.42
	6165	43	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.89	3.60	11.49	17	-5.52
	6165	43	ax (40MHz)	26	17	12.5/14.7 (MCS11)	8.00	3.60	11.60	17	-5.40
	6405	91	ax (40MHz)	26	0	12.5/14.7 (MCS11)	8.18	3.60	11.78	17	-5.22
	6405	91	ax (40MHz)	26	8	12.5/14.7 (MCS11)	8.43	3.60	12.03	17	-4.97
	6405	91	ax (40MHz)	26	17	12.5/14.7 (MCS11)	8.52	3.60	12.12	17	-4.88
	5985	7	ax (80MHz)	26	0	12.5/14.7 (MCS11)	8.18	3.60	11.78	17	-5.22
	5985	7	ax (80MHz)	26	18	12.5/14.7 (MCS11)	7.04	3.60	10.64	17	-6.36
	5985	7	ax (80MHz)	26	36	12.5/14.7 (MCS11)	8.75	3.60	12.35	17	-4.65
	6145	39	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.98	3.60	11.58	17	-5.42
	6145	39	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.87	3.60	10.47	17	-6.53
	6145	39	ax (80MHz)	26	36	12.5/14.7 (MCS11)	7.95	3.60	11.55	17	-5.45
	6385	87	ax (80MHz)	26	0	12.5/14.7 (MCS11)	8.15	3.60	11.75	17	-5.25
	6385	87	ax (80MHz)	26	18	12.5/14.7 (MCS11)	7.60	3.60	11.20	17	-5.80
	6385	87	ax (80MHz)	26	36	12.5/14.7 (MCS11)	9.00	3.60	12.60	17	-4.40
	6025	15	ax (160MHz)	26	0	12.5/14.7 (MCS11)	7.84	3.60	11.44	17	-5.56
	6025	15	ax (160MHz)	26	18	12.5/14.7 (MCS11)	8.10	3.60	11.70	17	-5.30
	6025	15	ax (160MHz)	26	36	12.5/14.7 (MCS11)	7.60	3.60	11.20	17	-5.80
	6185	47	ax (160MHz)	26	0	12.5/14.7 (MCS11)	7.35	3.60	10.95	17	-6.05
	6185	47	ax (160MHz)	26	18	12.5/14.7 (MCS11)	7.88	3.60	11.48	17	-5.52
6185	47	ax (160MHz)	26	36	12.5/14.7 (MCS11)	8.07	3.60	11.67	17	-5.34	
6345	79	ax (160MHz)	26	0	12.5/14.7 (MCS11)	8.16	3.60	11.76	17	-5.24	
6345	79	ax (160MHz)	26	18	12.5/14.7 (MCS11)	7.97	3.60	11.57	17	-5.43	
6345	79	ax (160MHz)	26	36	12.5/14.7 (MCS11)	8.19	3.60	11.79	17	-5.21	
Band 7	6535	117	ax (20MHz)	26	0	12.5/14.7 (MCS11)	8.27	3.10	11.37	17	-5.63
	6535	117	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.95	3.10	10.05	17	-6.95
	6535	117	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.66	3.10	10.76	17	-6.24
	6695	149	ax (20MHz)	26	0	12.5/14.7 (MCS11)	8.39	3.10	11.49	17	-5.51
	6695	149	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.99	3.10	10.09	17	-6.91
	6695	149	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.62	3.10	10.72	17	-6.28
	6875	181	ax (20MHz)	26	0	12.5/14.7 (MCS11)	6.95	3.10	10.05	17	-6.95
	6875	181	ax (20MHz)	26	4	12.5/14.7 (MCS11)	6.49	3.10	9.59	17	-7.41
	6875	181	ax (20MHz)	26	8	12.5/14.7 (MCS11)	7.17	3.10	10.27	17	-6.74
	6565	123	ax (40MHz)	26	0	12.5/14.7 (MCS11)	8.29	3.10	11.39	17	-5.61
	6565	123	ax (40MHz)	26	8	12.5/14.7 (MCS11)	8.13	3.10	11.23	17	-5.77
	6565	123	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.75	3.10	10.85	17	-6.15
	6725	155	ax (40MHz)	26	0	12.5/14.7 (MCS11)	7.94	3.10	11.04	17	-5.96
	6725	155	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.99	3.10	11.09	17	-5.91
	6725	155	ax (40MHz)	26	17	12.5/14.7 (MCS11)	7.91	3.10	11.01	17	-5.99
	6845	179	ax (40MHz)	26	0	12.5/14.7 (MCS11)	8.58	3.10	11.68	17	-5.32
	6845	179	ax (40MHz)	26	8	12.5/14.7 (MCS11)	7.75	3.10	10.85	17	-6.15
	6845	179	ax (40MHz)	26	17	12.5/14.7 (MCS11)	8.25	3.10	11.35	17	-5.65
	6545	135	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.01	3.10	10.11	17	-6.90
	6545	135	ax (80MHz)	26	18	12.5/14.7 (MCS11)	5.64	3.10	8.74	17	-8.26
	6545	135	ax (80MHz)	26	36	12.5/14.7 (MCS11)	8.11	3.10	11.21	17	-5.79
	6705	151	ax (80MHz)	26	0	12.5/14.7 (MCS11)	7.92	3.10	11.02	17	-5.98
	6705	151	ax (80MHz)	26	18	12.5/14.7 (MCS11)	7.51	3.10	10.61	17	-6.39
	6705	151	ax (80MHz)	26	36	12.5/14.7 (MCS11)	7.98	3.10	11.08	17	-5.92
	6865	167	ax (80MHz)	26	0	12.5/14.7 (MCS11)	8.29	3.10	11.39	17	-5.61
	6865	167	ax (80MHz)	26	18	12.5/14.7 (MCS11)	6.48	3.10	9.58	17	-7.42
	6865	167	ax (80MHz)	26	36	12.5/14.7 (MCS11)	7.66	3.10	10.76	17	-6.24
	6665	143	ax (160MHz)	26	0	12.5/14.7 (MCS11)	6.91	3.10	10.01	17	-6.99
	6665	143	ax (160MHz)	26	18	12.5/14.7 (MCS11)	6.99	3.10	10.09	17	-6.91
	6665	143	ax (160MHz)	26	36	12.5/14.7 (MCS11)	8.00	3.10	11.10	17	-5.90

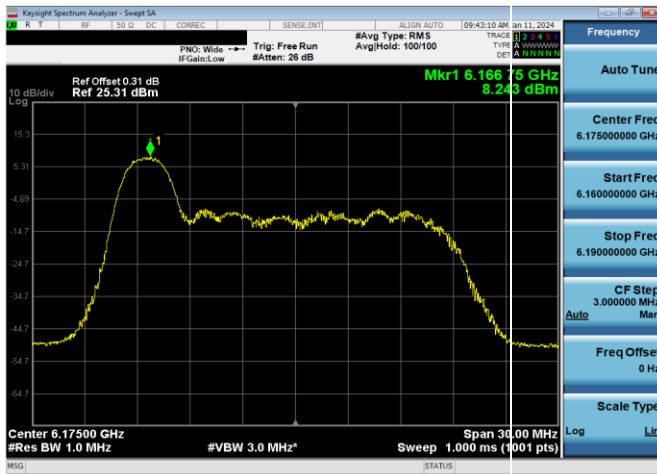
Table 7-82. SP Power Spectral Density Measurements Antenna WF7a (RU26)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 86 of 384

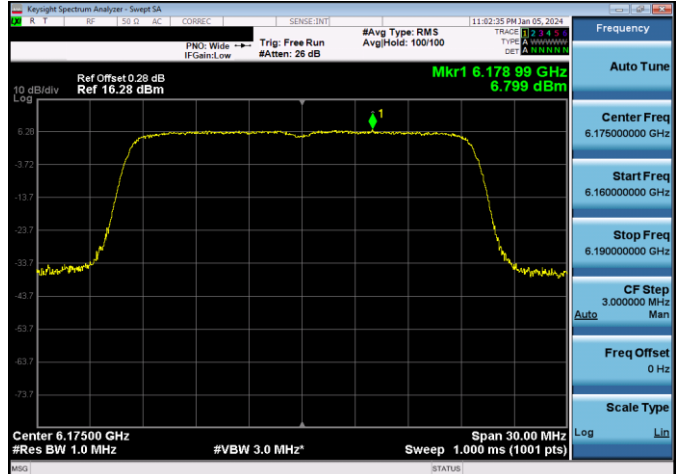
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.22	3.60	9.82	17	-7.18
	6175	45	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.80	3.60	10.40	17	-6.60
	6415	93	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.00	3.60	9.60	17	-7.40
	5965	3	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.60	3.60	7.20	17	-9.80
	6165	43	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.12	3.60	7.72	17	-9.28
	6165	91	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.74	3.60	7.34	17	-9.66
	5985	7	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.06	3.60	4.66	17	-12.34
	6145	39	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.34	3.60	4.94	17	-12.06
	6385	87	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.18	3.60	4.78	17	-12.22
	6025	15	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-0.28	3.60	3.33	17	-13.68
Band 7	6185	47	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-0.78	3.60	2.82	17	-14.18
	6345	79	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-1.29	3.60	2.31	17	-14.69
	6535	117	ax (20MHz)	242	61	121.9/143.4 (MCS11)	5.86	3.10	8.96	17	-8.04
	6695	149	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.15	3.10	9.25	17	-7.75
	6875	181	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.19	3.10	9.29	17	-7.71
	6565	123	ax (40MHz)	484	65	243.8/286.8 (MCS11)	3.19	3.10	6.29	17	-10.71
	6725	155	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.36	3.10	7.46	17	-9.54
	6845	179	ax (40MHz)	484	65	243.8/286.8 (MCS11)	4.37	3.10	7.47	17	-9.53
	6545	135	ax (80MHz)	996	67	510.4/600.5 (MCS11)	0.65	3.10	3.75	17	-13.25
	6705	151	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.26	3.10	4.36	17	-12.64
6865	167	ax (80MHz)	996	67	510.4/600.5 (MCS11)	1.09	3.10	4.19	17	-12.81	
6665	143	ax (160MHz)	996x2	68	1020.8/1201 (MCS11)	-1.15	3.10	1.95	17	-15.05	

Table 7-83. SP Power Spectral Density Measurements Antenna WF7a (Fully loaded RU)

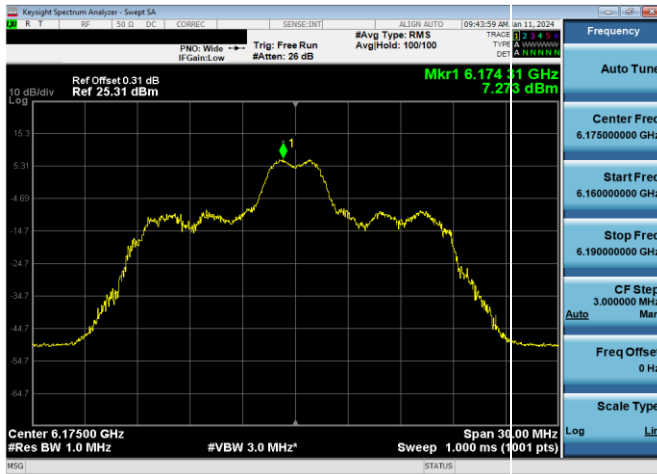
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 87 of 384



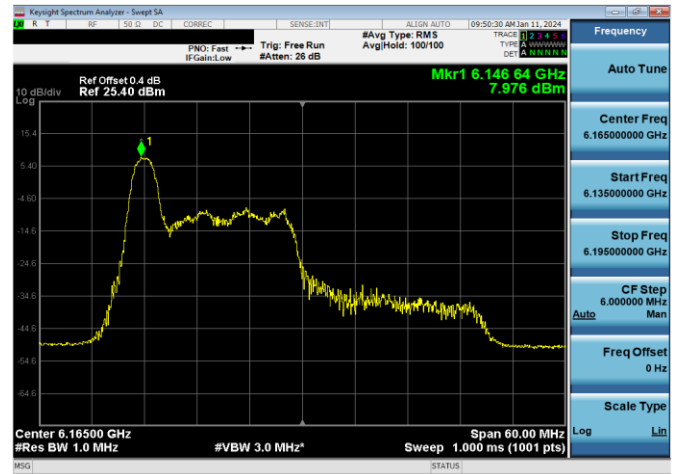
Plot 7-161. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



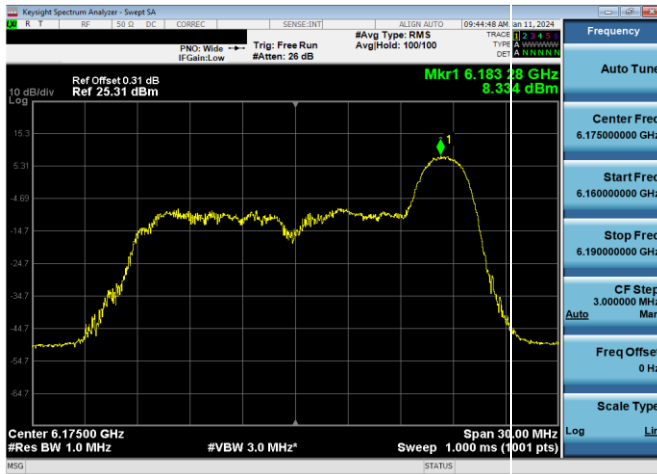
Plot 7-164. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU242 (UNII Band 5) – Ch. 45)



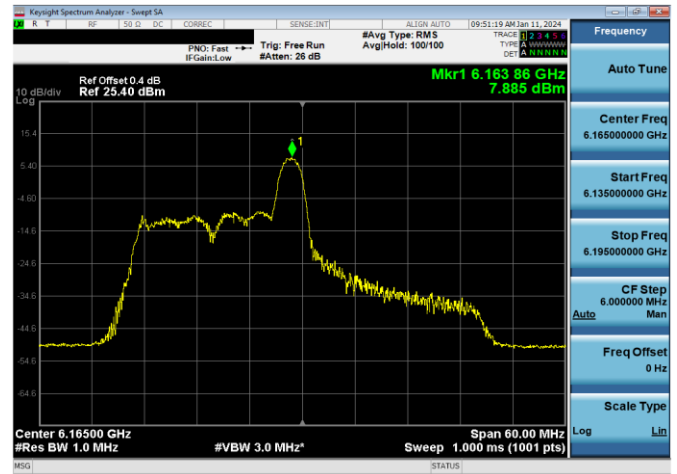
Plot 7-162. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-165. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

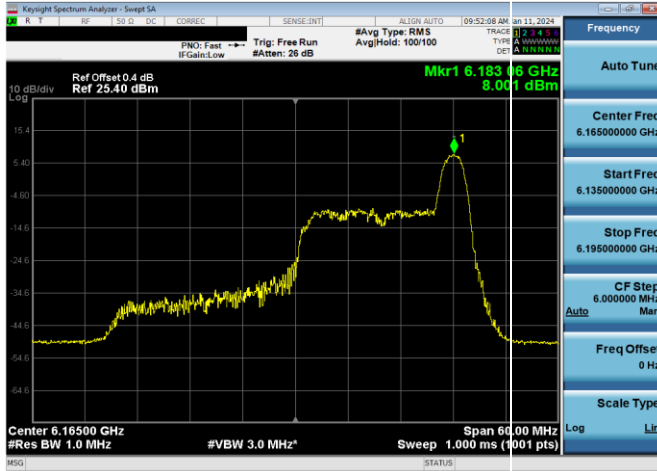


Plot 7-163. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

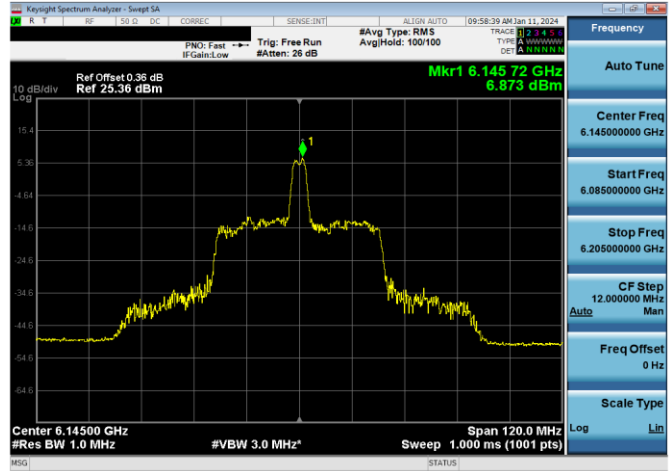


Plot 7-166. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 88 of 384



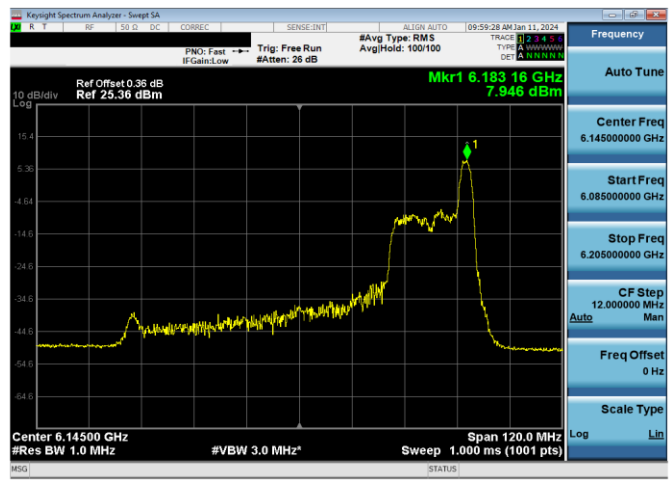
Plot 7-167. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



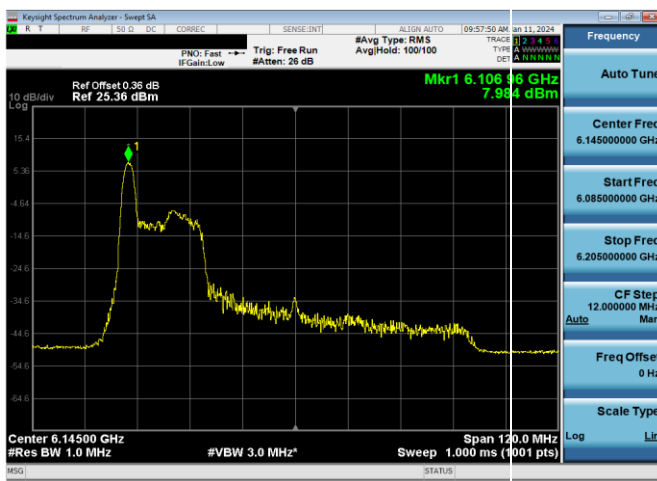
Plot 7-170. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



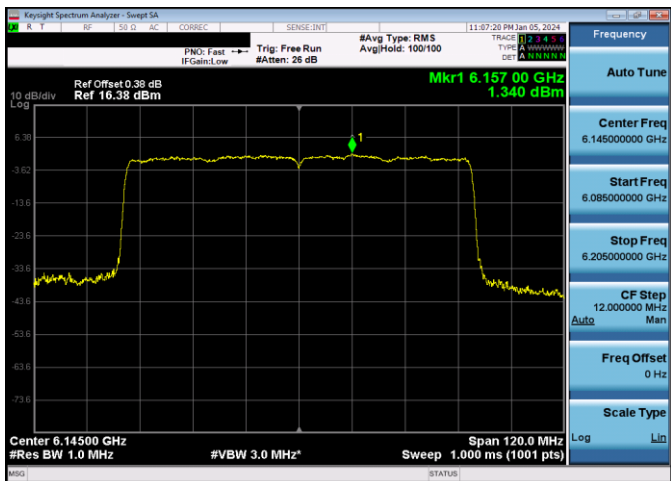
Plot 7-168. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



Plot 7-171. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

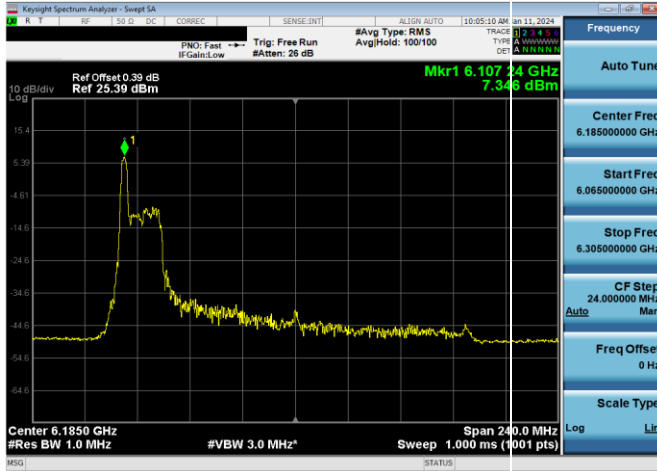


Plot 7-169. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

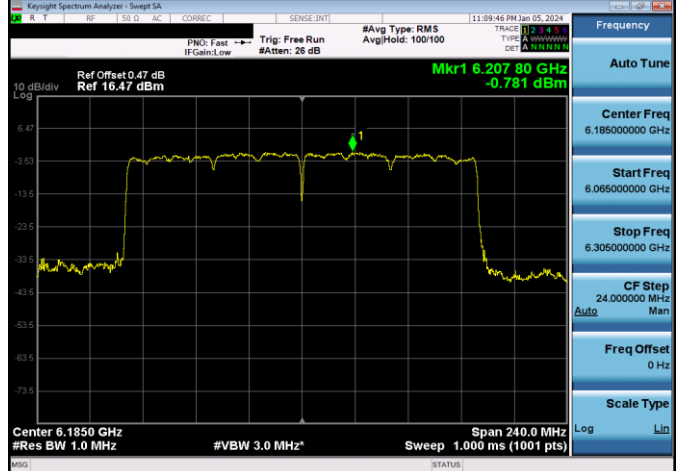


Plot 7-172. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

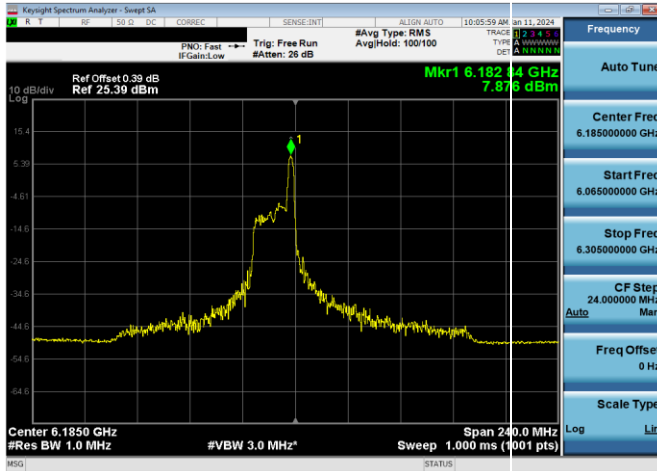
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 89 of 384



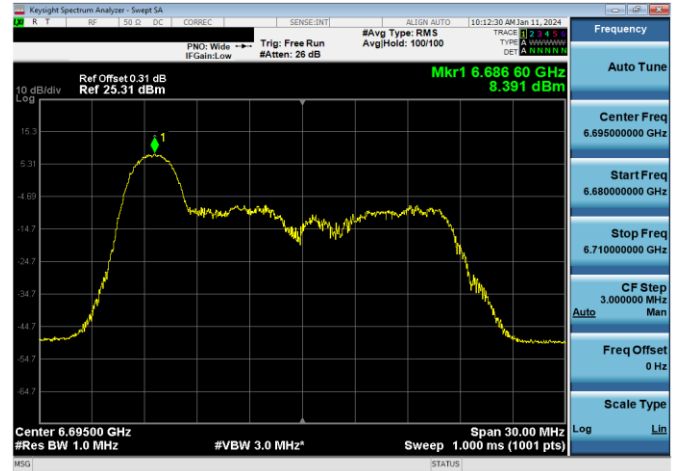
Plot 7-173. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



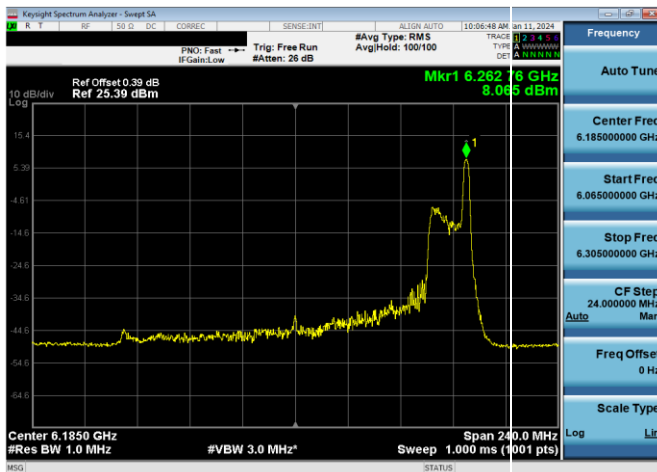
Plot 7-176. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



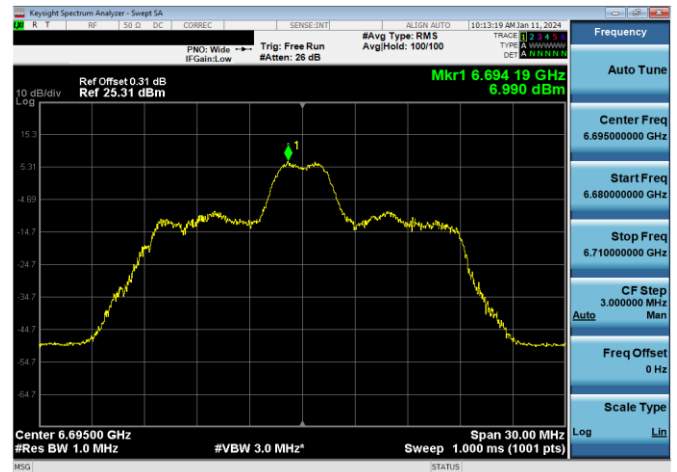
Plot 7-174. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



Plot 7-177. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

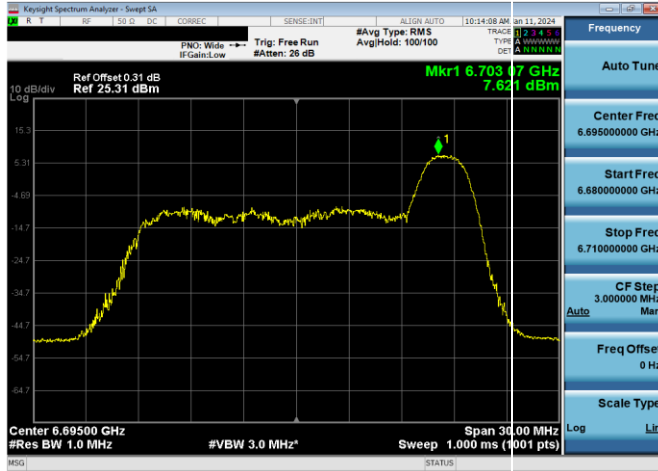


Plot 7-175. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

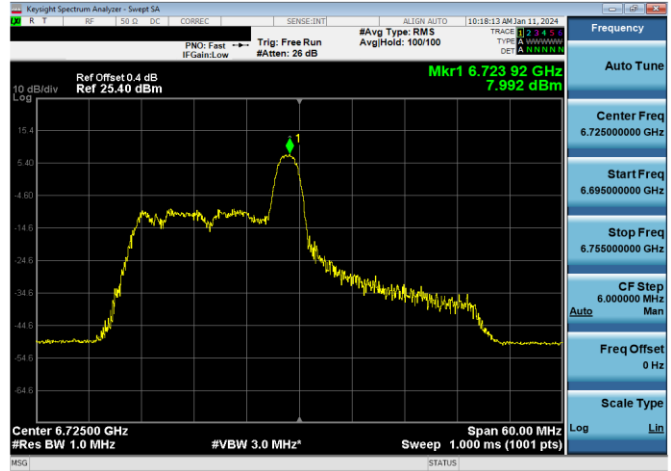


Plot 7-178. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

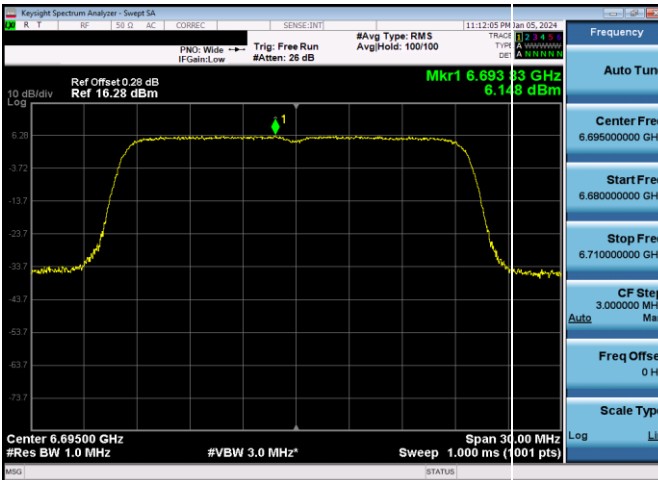
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 90 of 384



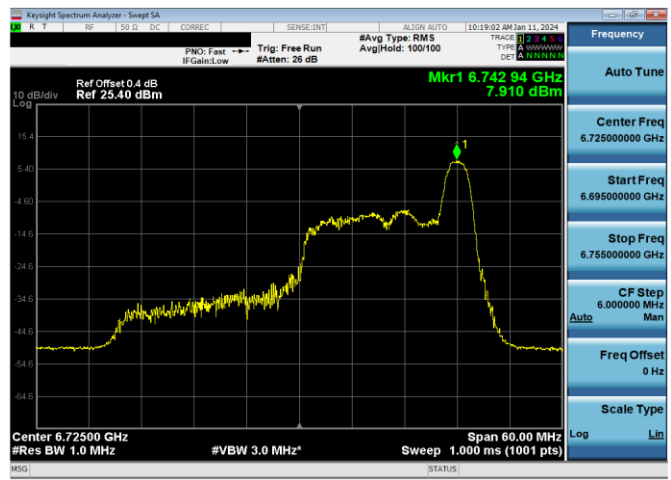
Plot 7-179. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



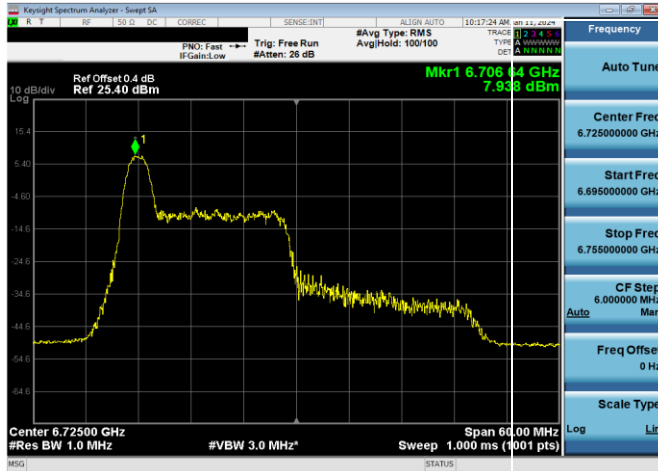
Plot 7-182. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



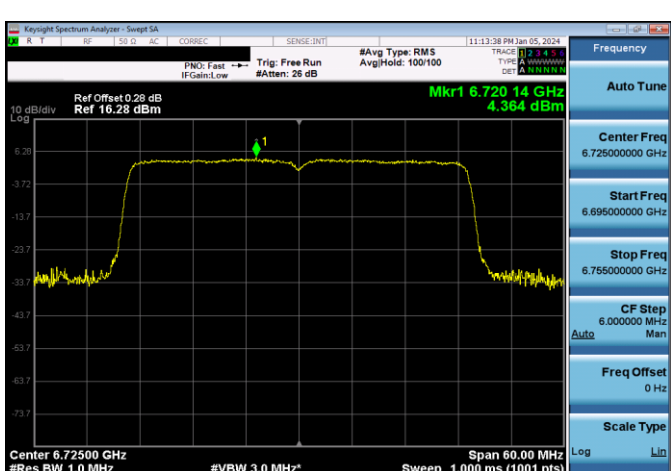
Plot 7-180. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-183. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



Plot 7-181. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

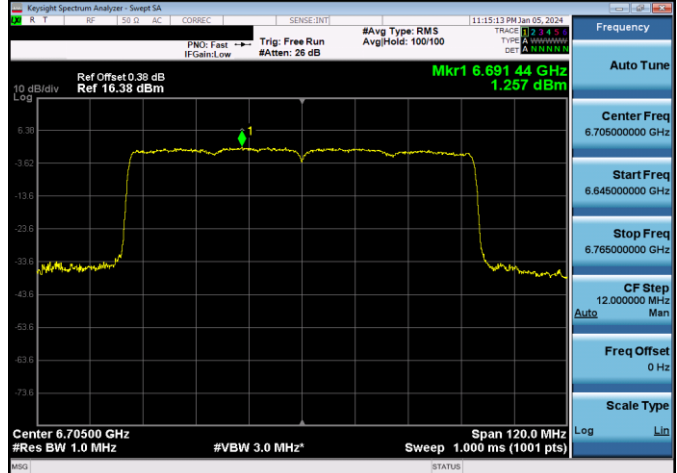


Plot 7-184. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)

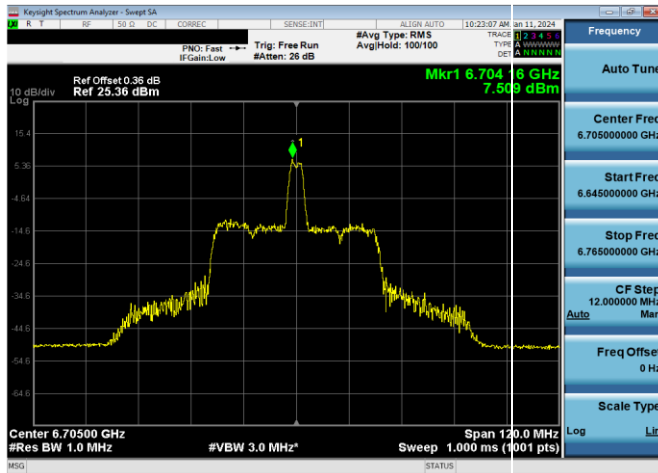
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 91 of 384



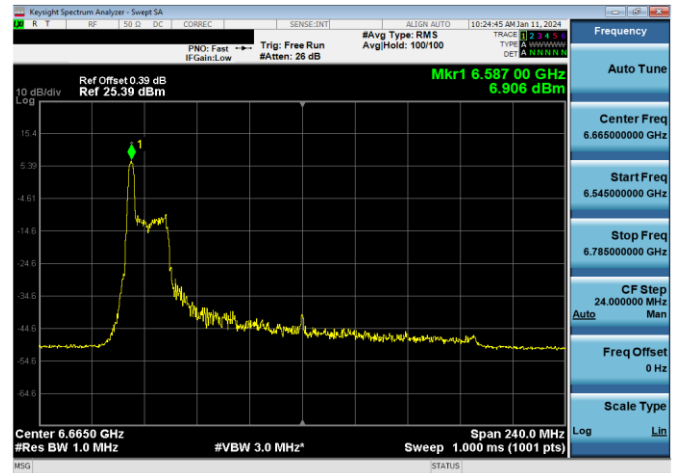
Plot 7-185. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



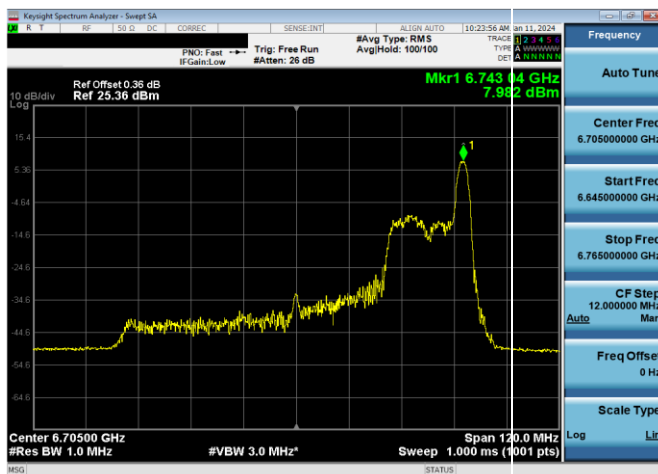
Plot 7-188. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



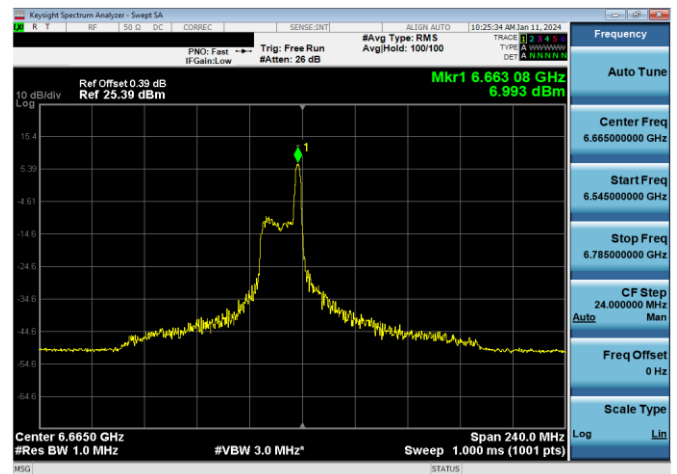
Plot 7-186. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



Plot 7-189. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

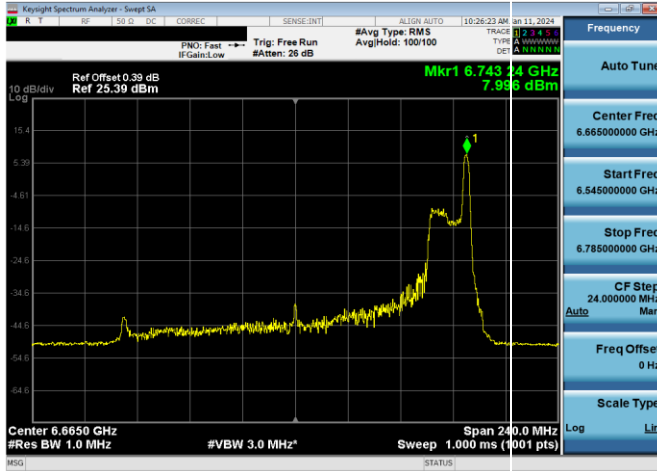


Plot 7-187. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



Plot 7-190. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-191. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-192. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 93 of 384

7.4.3 SDM SP Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a 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	5935	1	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	5.78	6.99	9.44	4.36	13.79	17	-3.21
	5935	1	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	5.28	6.39	8.88	4.36	13.23	17	-3.77
	5935	1	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	5.92	6.83	9.41	4.36	13.77	17	-3.23
	6175	45	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	7.23	8.00	10.64	4.36	15.00	17	-2.00
	6175	45	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	6.38	6.89	9.66	4.36	14.01	17	-2.99
	6175	45	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.01	7.44	10.24	4.36	14.59	17	-2.41
	6415	93	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	7.25	8.39	10.87	4.36	15.23	17	-1.77
	6415	93	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	6.53	7.15	9.86	4.36	14.21	17	-2.79
	6415	93	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.87	7.75	10.82	4.36	15.18	17	-1.82
	5965	3	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	6.39	6.92	9.67	4.36	14.03	17	-2.97
	5965	3	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	6.05	7.66	9.94	4.36	14.30	17	-2.70
	5965	3	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	5.81	7.27	9.61	4.36	13.97	17	-3.03
	6165	43	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	6.52	7.59	10.10	4.36	14.45	17	-2.55
	6165	43	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	7.01	7.95	10.52	4.36	14.88	17	-2.12
	6165	43	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	6.86	7.54	10.22	4.36	14.58	17	-2.42
	6165	91	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	7.55	8.33	10.97	4.36	15.33	17	-1.67
	6165	91	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	7.53	8.52	11.06	4.36	15.42	17	-1.58
	6165	91	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	7.78	7.97	10.89	4.36	15.24	17	-1.76
	5985	7	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	5.90	7.39	9.72	4.36	14.07	17	-2.93
	5985	7	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	4.76	5.99	8.43	4.36	12.79	17	-4.21
	5985	7	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	6.44	6.88	9.67	4.36	14.03	17	-2.97
	6145	39	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	7.22	7.41	10.32	4.36	14.68	17	-2.32
	6145	39	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.62	6.00	9.33	4.36	13.69	17	-3.31
	6145	39	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.08	8.57	10.90	4.36	15.25	17	-1.75
	6385	87	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	7.85	7.90	10.88	4.36	15.24	17	-1.76
	6385	87	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.24	6.85	9.56	4.36	13.92	17	-3.08
	6385	87	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.84	7.93	10.89	4.36	15.25	17	-1.75
	6025	15	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	6.21	6.94	9.60	4.36	13.96	17	-3.04
	6025	15	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	5.97	6.28	9.14	4.36	13.50	17	-3.50
	6025	15	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	6.22	6.78	9.52	4.36	13.87	17	-3.13
	6185	47	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	7.40	7.23	10.32	4.36	14.68	17	-2.32
	6185	47	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	7.22	7.41	10.33	4.36	14.68	17	-2.32
	6185	47	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	7.22	7.24	10.24	4.36	14.59	17	-2.41
	6345	79	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	7.72	7.92	10.83	4.36	15.19	17	-1.81
	6345	79	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	7.54	7.73	10.65	4.36	15.00	17	-2.00
	6345	79	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	7.78	7.84	10.82	4.36	15.18	17	-1.82
	6535	117	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	7.16	7.38	10.28	4.15	14.43	17	-2.57
	6535	117	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	6.47	6.52	9.51	4.15	13.66	17	-3.34
	6535	117	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.31	7.23	10.28	4.15	14.44	17	-2.56
	6695	149	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	7.21	7.47	10.35	2.63	12.98	17	-4.02
6695	149	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	6.71	6.21	9.48	2.63	12.11	17	-4.89	
6695	149	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.90	7.40	10.67	2.63	13.30	17	-3.70	
6875	181	ax (20MHz)	26	0	SDM	25/29.4 (MCS11)	7.73	7.01	10.39	2.63	13.02	17	-3.98	
6875	181	ax (20MHz)	26	4	SDM	25/29.4 (MCS11)	6.77	6.91	9.85	2.63	12.48	17	-4.52	
6875	181	ax (20MHz)	26	8	SDM	25/29.4 (MCS11)	7.17	7.08	10.14	2.63	12.77	17	-4.23	
6565	123	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	7.07	8.26	10.71	2.63	13.34	17	-3.66	
6565	123	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	7.57	7.98	10.79	2.63	13.42	17	-3.58	
6565	123	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	6.97	6.83	9.91	2.63	12.54	17	-4.46	
6725	155	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	7.46	8.17	10.84	2.63	13.47	17	-3.53	
6725	155	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	7.08	7.93	10.54	2.63	13.17	17	-3.83	
6725	155	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	7.49	8.04	10.79	2.63	13.42	17	-3.58	
6845	179	ax (40MHz)	26	0	SDM	25/29.4 (MCS11)	7.67	7.96	10.83	2.63	13.45	17	-3.55	
6845	179	ax (40MHz)	26	8	SDM	25/29.4 (MCS11)	7.01	8.06	10.57	2.63	13.20	17	-3.80	
6845	179	ax (40MHz)	26	17	SDM	25/29.4 (MCS11)	7.84	7.21	10.54	2.63	13.17	17	-3.83	
6545	135	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	7.63	7.05	10.36	2.63	12.99	17	-4.01	
6545	135	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.44	6.39	9.42	2.63	12.05	17	-4.95	
6545	135	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.35	7.26	10.32	2.63	12.94	17	-4.06	
6705	151	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	7.44	7.52	10.49	2.63	13.12	17	-3.88	
6705	151	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.29	6.38	9.35	2.63	11.97	17	-5.03	
6705	151	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.46	8.16	10.83	2.63	13.46	17	-3.54	
6865	167	ax (80MHz)	26	0	SDM	25/29.4 (MCS11)	8.23	8.10	11.17	2.63	13.80	17	-3.20	
6865	167	ax (80MHz)	26	18	SDM	25/29.4 (MCS11)	6.28	6.46	9.38	2.63	12.01	17	-4.99	
6865	167	ax (80MHz)	26	36	SDM	25/29.4 (MCS11)	7.79	7.59	10.70	2.63	13.33	17	-3.67	
6665	143	ax (160MHz)	26	0	SDM	25/29.4 (MCS11)	7.03	7.16	10.11	2.63	12.74	17	-4.26	
6665	143	ax (160MHz)	26	18	SDM	25/29.4 (MCS11)	7.42	7.10	10.27	2.63	12.90	17	-4.10	
6665	143	ax (160MHz)	26	36	SDM	25/29.4 (MCS11)	7.20	7.85	10.55	2.63	13.17	17	-3.83	

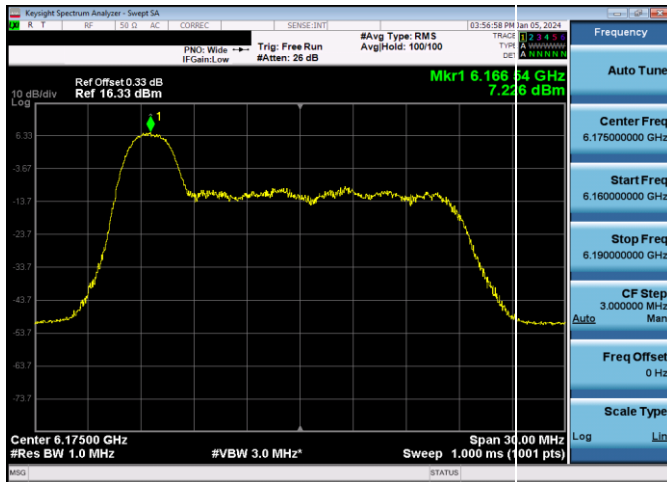
Table 7-84. SP Power Spectral Density Measurements SDM (RU26)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 94 of 384

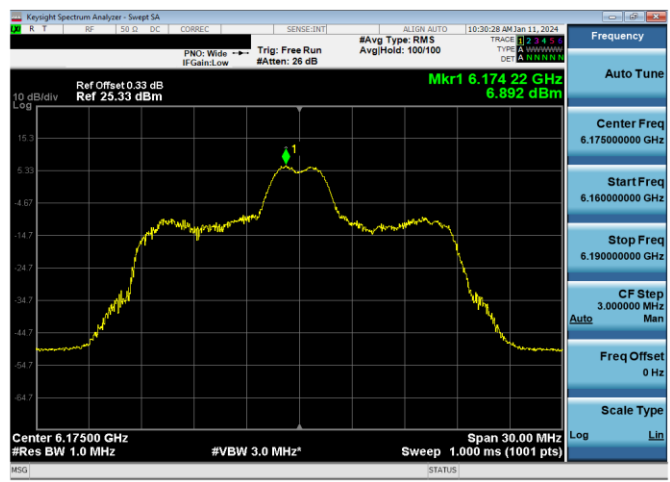
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a Power Density [dBm/MHz]	Summed SDM Power Density [dBm/MHz]	Directional Gain [dB]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	1	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	5.93	7.03	9.53	4.36	13.88	17	-3.12
	6175	45	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	6.34	7.09	9.74	4.36	14.10	17	-2.90
	6415	93	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	6.22	6.66	9.46	4.36	13.81	17	-3.19
	5965	3	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	3.44	4.02	6.75	4.36	11.11	17	-5.89
	6165	43	ax (40MHz)	484	65	SDM	487.5/573.5 (MCS11)	3.89	4.30	7.11	4.36	11.47	17	-5.53
	6165	91	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	4.13	4.21	5.00	7.34	12.34	17	-4.66
	5985	7	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	0.44	1.64	4.09	4.36	8.45	17	-8.55
	6145	39	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	0.52	1.53	4.07	4.36	8.42	17	-8.58
	6385	87	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	0.76	1.82	4.33	4.36	8.69	17	-8.31
	6025	15	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	-0.36	0.36	5.00	7.34	12.34	17	-4.66
	6185	47	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	-0.74	-0.15	5.00	7.34	12.34	17	-4.66
	6345	79	ax (160MHz)	996x2	68	SDM	2041.6/2402 (MCS11)	-1.04	-0.60	2.20	4.36	6.55	17	-10.45
	6535	117	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	5.72	6.01	8.88	2.63	11.51	17	-5.49
	6695	149	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	5.95	6.78	9.39	2.63	12.02	17	-4.98
	Band 7	6875	181	ax (20MHz)	242	61	SDM	243.8/286.8 (MCS11)	6.12	6.46	9.30	2.63	11.93	17
6565		123	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	3.62	3.44	2.60	5.62	8.22	17	-8.78
6725		155	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	3.74	4.51	2.60	5.62	8.22	17	-8.78
6845		179	ax (40MHz)	484	65	CDD	487.5/573.5 (MCS11)	3.93	4.46	2.60	5.62	8.22	17	-8.78
6545		135	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	0.41	0.73	3.59	2.63	6.21	17	-10.79
6705		151	ax (80MHz)	996	67	CDD	1020.8/1201 (MCS11)	0.83	1.44	2.60	5.62	8.22	17	-8.78
6865		167	ax (80MHz)	996	67	SDM	1020.8/1201 (MCS11)	0.92	1.51	4.24	2.63	6.87	17	-10.13
6665		143	ax (160MHz)	996x2	68	CDD	2041.6/2402 (MCS11)	-0.76	-0.66	2.60	5.62	8.22	17	-8.78

Table 7-85. SP Power Spectral Density Measurements SDM (Fully-loaded RU)

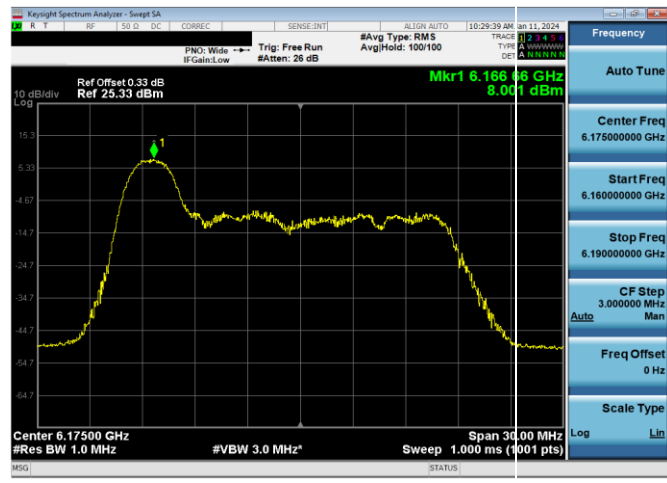
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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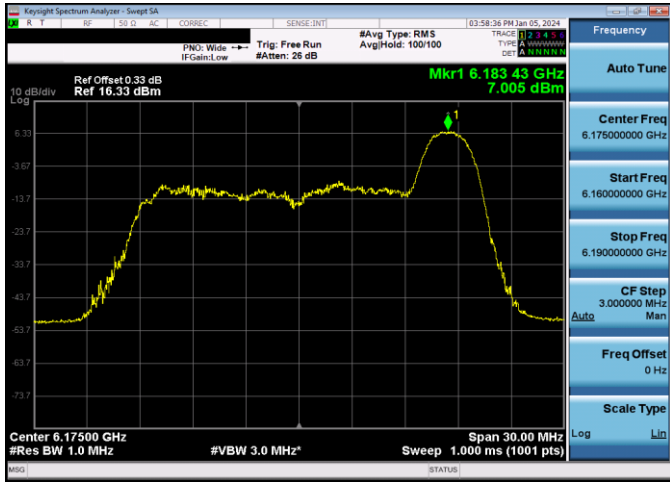
Plot 7-193. SP Power Spectral Density Plot SDM Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



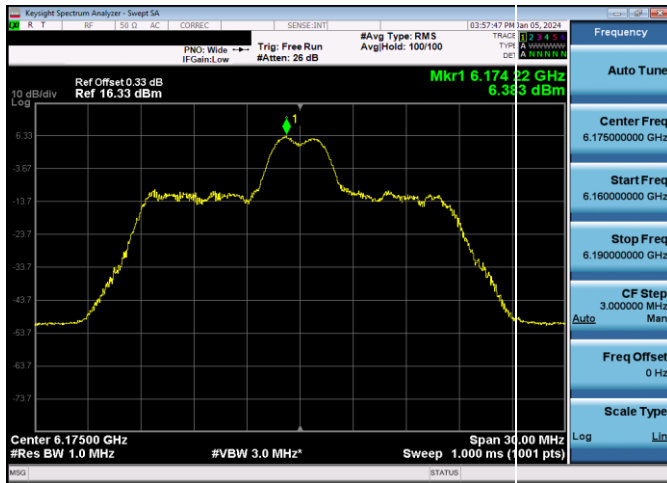
Plot 7-196. SP Power Spectral Density Plot SDM Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



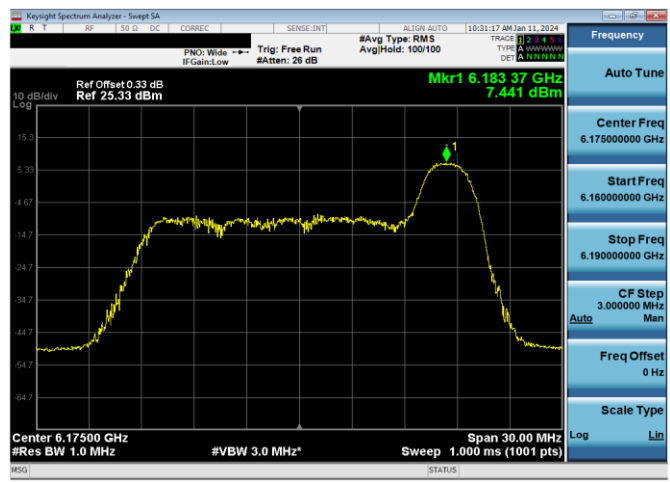
Plot 7-194. SP Power Spectral Density Plot SDM Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-197. SP Power Spectral Density Plot SDM Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-195. SP Power Spectral Density Plot SDM Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



Plot 7-198. SP Power Spectral Density Plot SDM Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)

FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 96 of 384