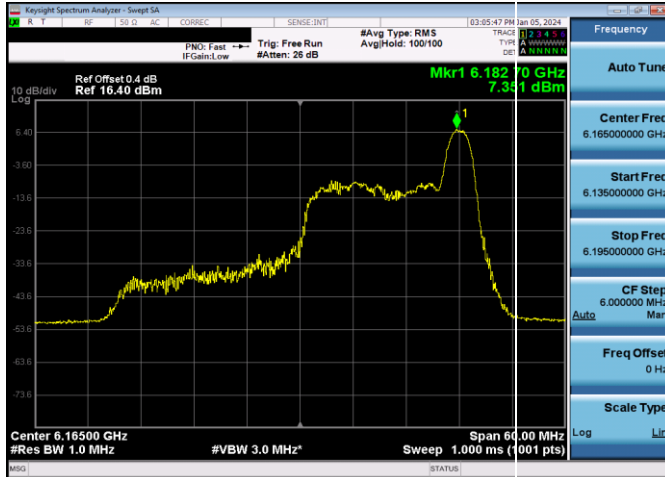
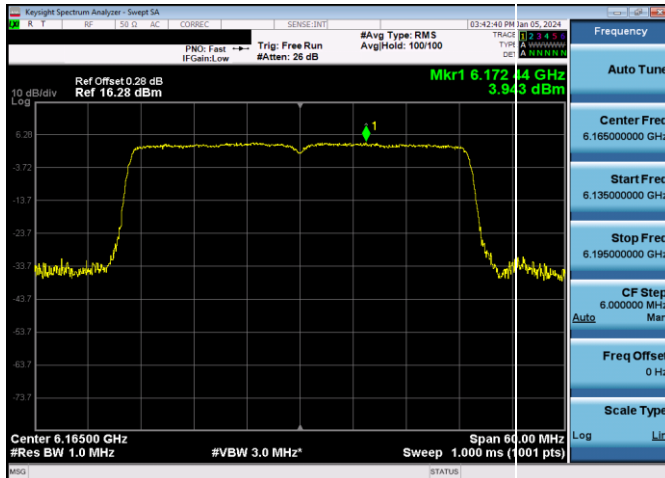




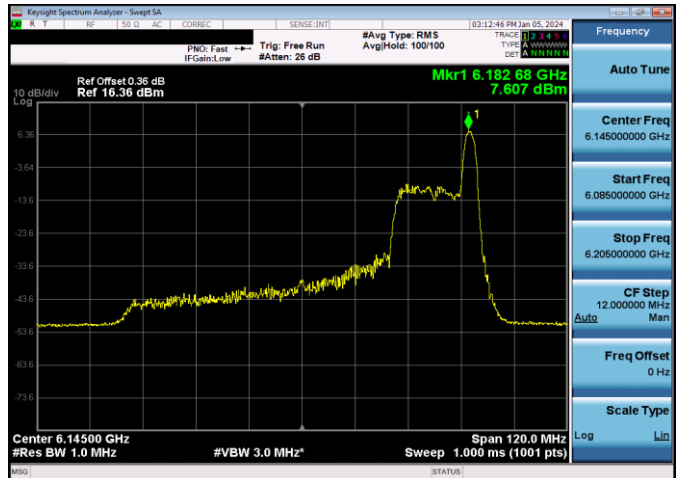
Plot 7-135. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



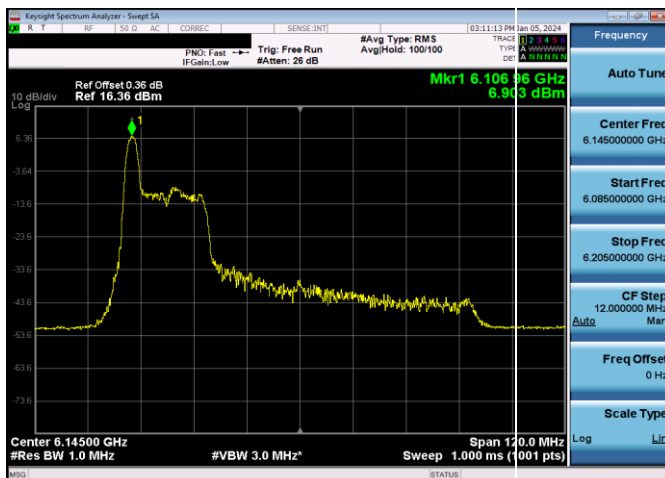
Plot 7-138. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



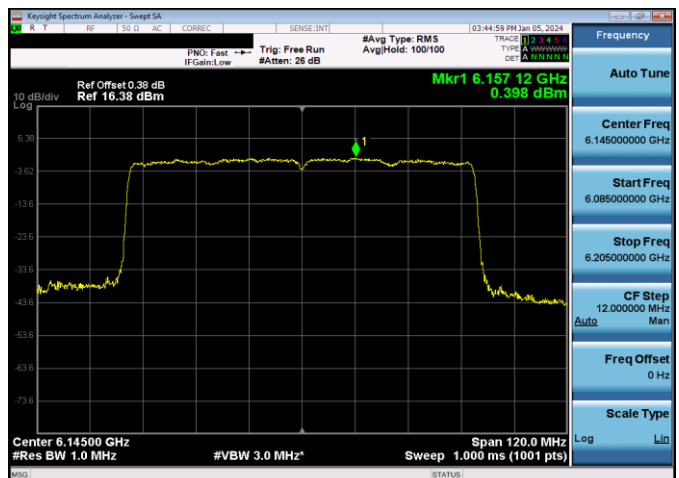
Plot 7-136. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



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

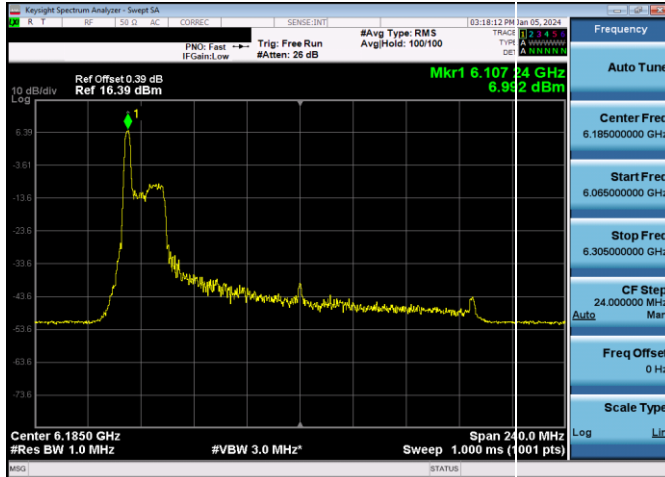


Plot 7-137. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)

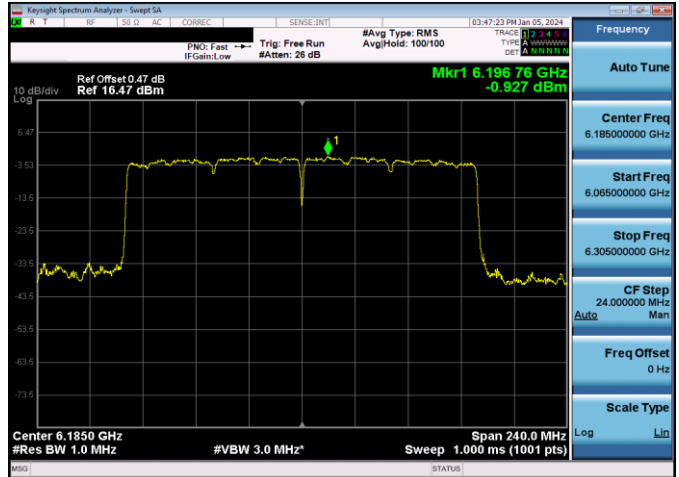


Plot 7-140. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU996 (UNII Band 5) – Ch. 39)

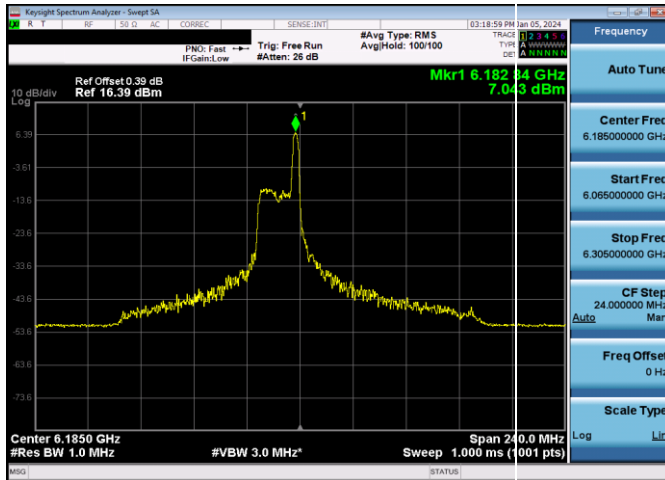
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 81 of 384



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



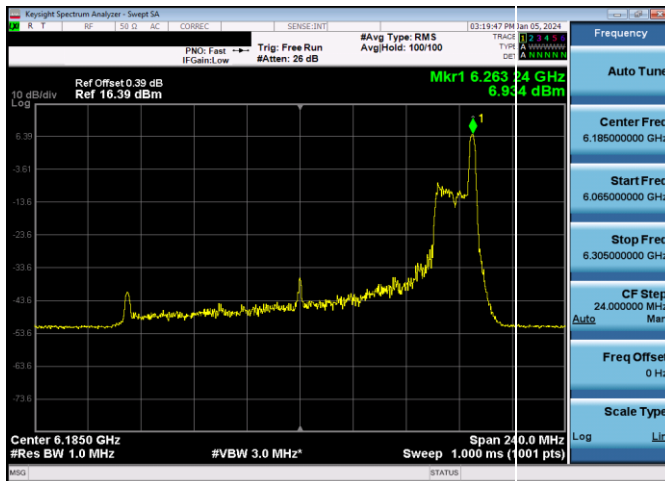
Plot 7-144. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



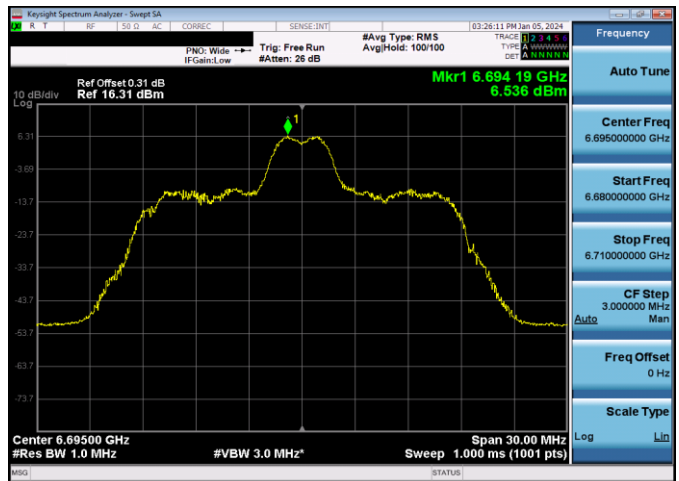
Plot 7-142. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



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

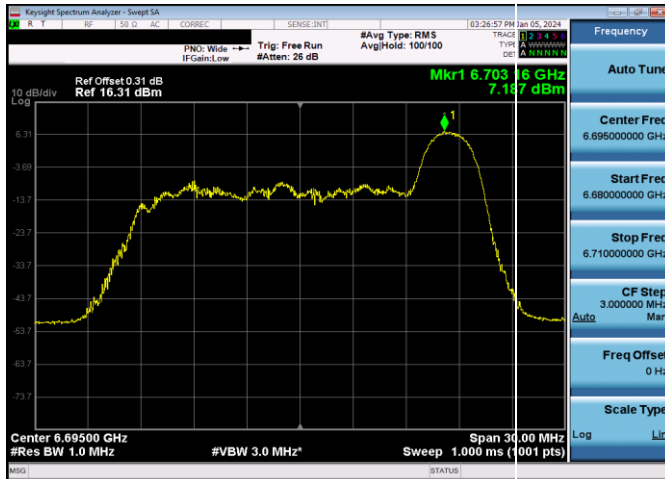


Plot 7-143. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

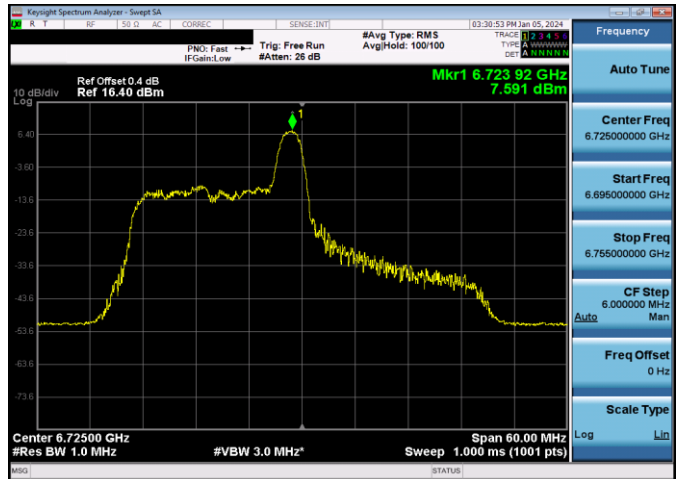


Plot 7-146. SP Power Spectral Density Plot Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

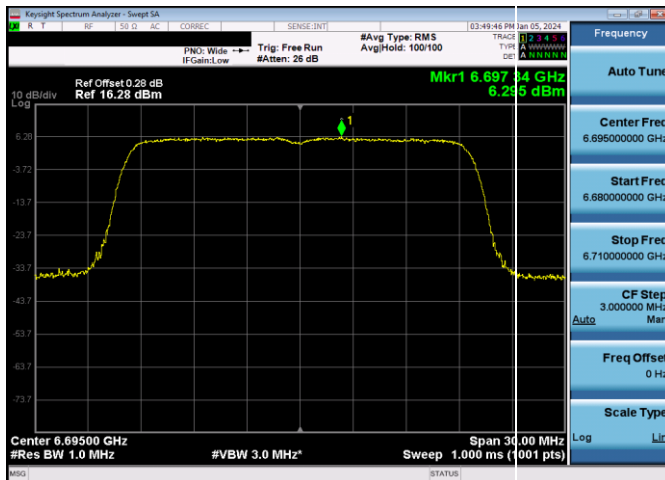
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG			
Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device		Page 82 of 384



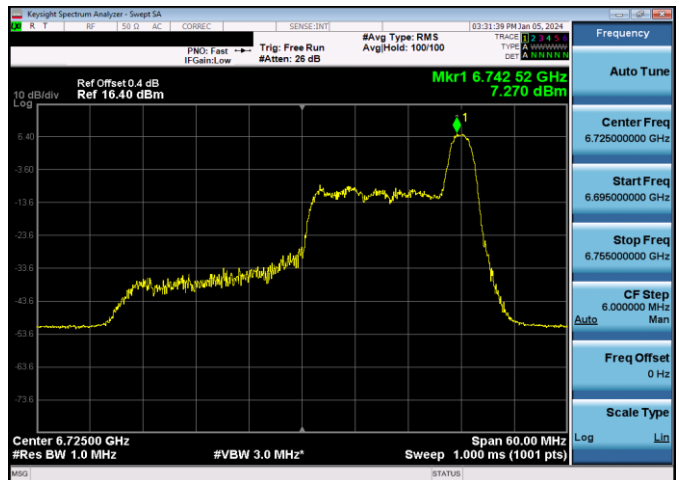
Plot 7-147. SP Power Spectral Density Plot Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)



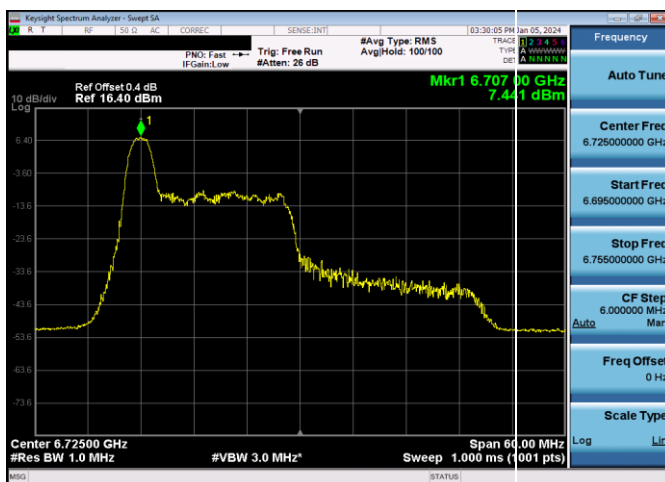
Plot 7-150. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



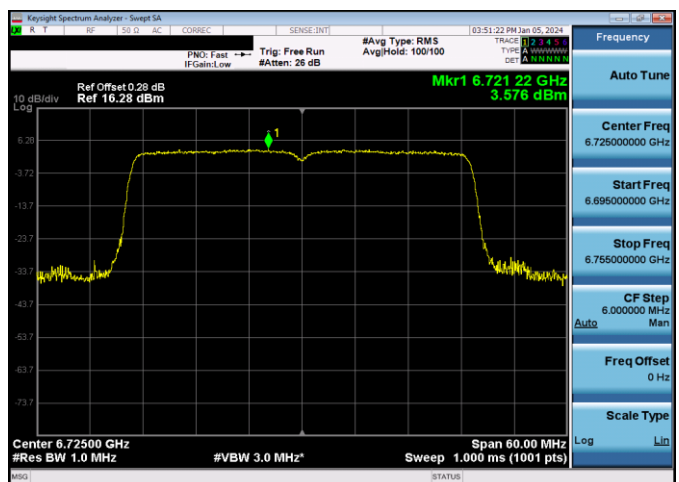
Plot 7-148. SP Power Spectral Density Plot Antenna WF8 (20MHz 802.11ax RU242 (UNII Band 7) – Ch. 149)



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

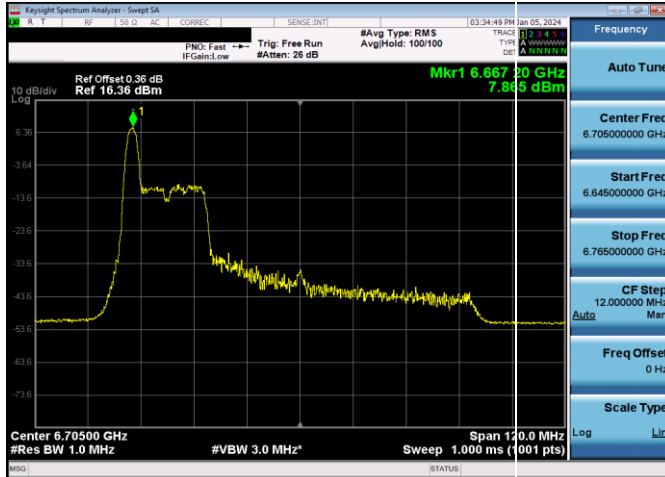


Plot 7-149. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

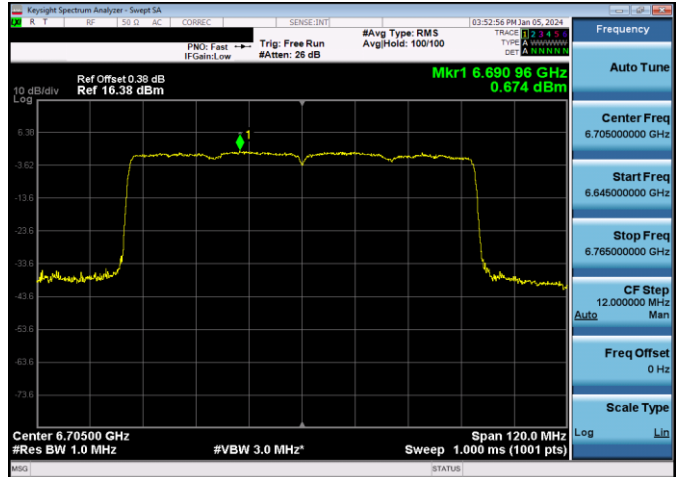


Plot 7-152. SP Power Spectral Density Plot Antenna WF8 (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)

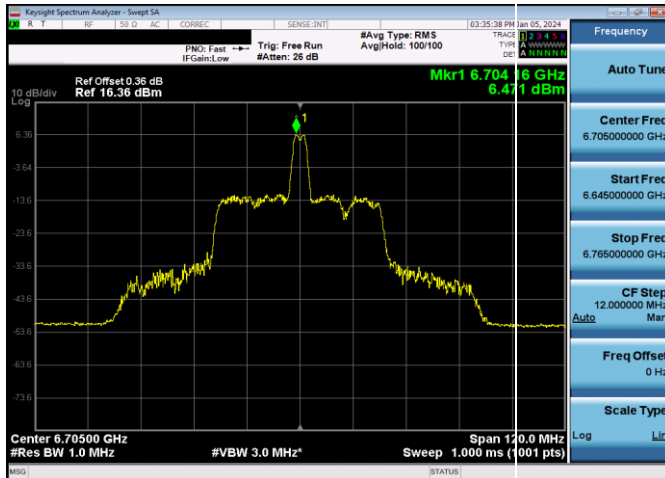
FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 83 of 384



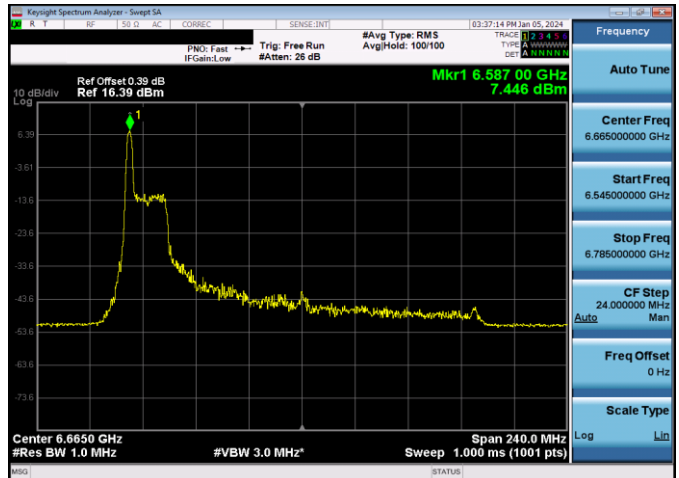
Plot 7-153. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



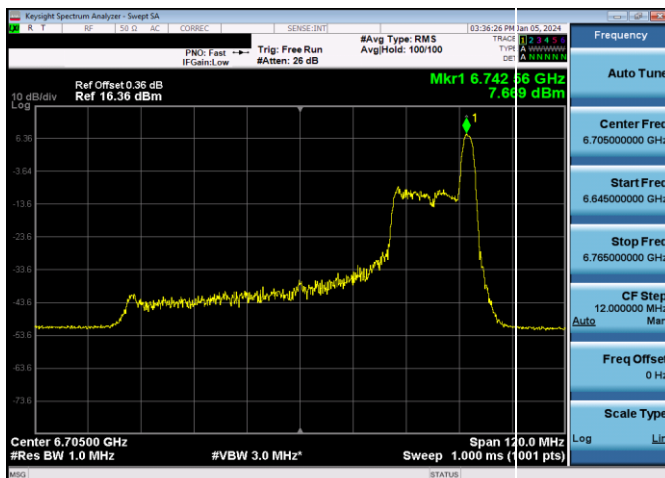
Plot 7-156. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



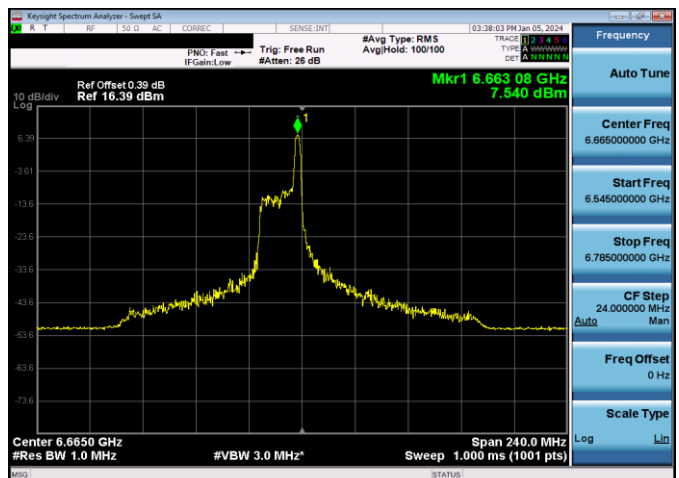
Plot 7-154. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



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

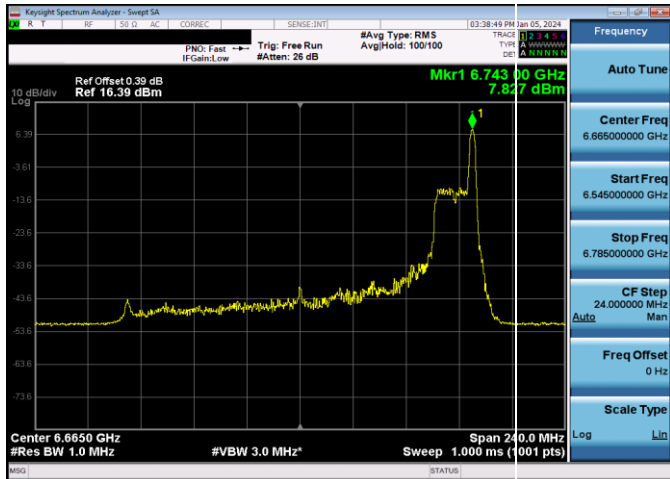


Plot 7-155. SP Power Spectral Density Plot Antenna WF8 (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

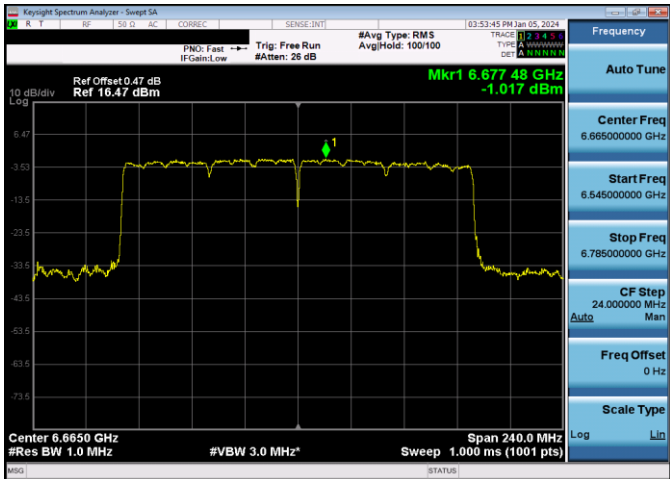


Plot 7-158. SP Power Spectral Density Plot Antenna WF8 (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

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

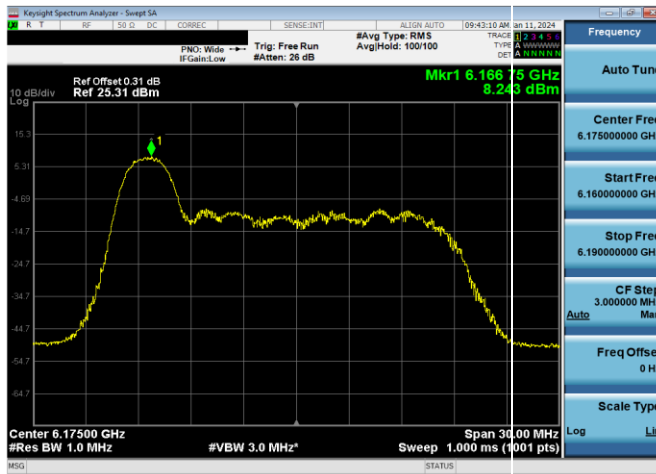
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate [Mbps]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	1	ax (20MHz)	242	61	121.9/143.4 (MCS11)	6.22	3.60	9.82	17	-7.18
	6175	45	ax (20MHz)	242	61	121.9/143.4 (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)

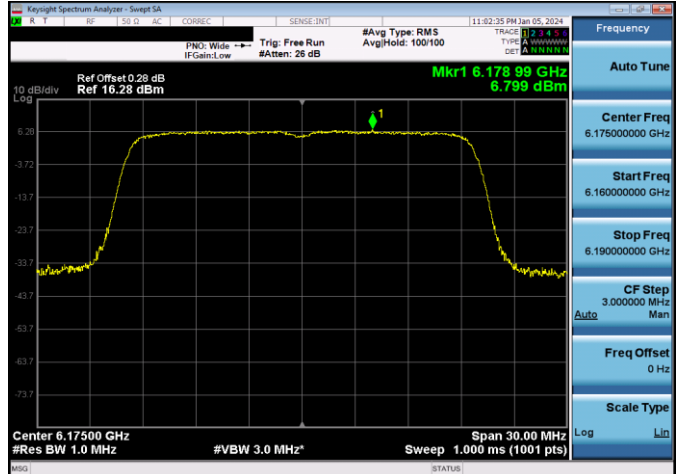
FCC ID: BCGA2902 IC: 579C-A2902	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 87 of 384

V 10.5 12/15/2021

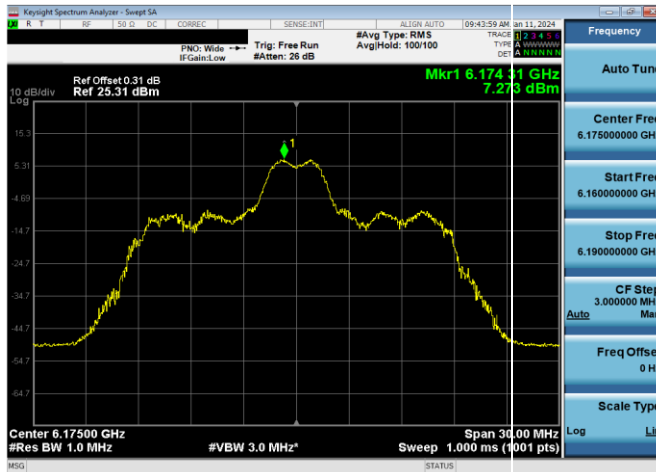
Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Washington DC LLC. If you have any questions about this or have an enquiry about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



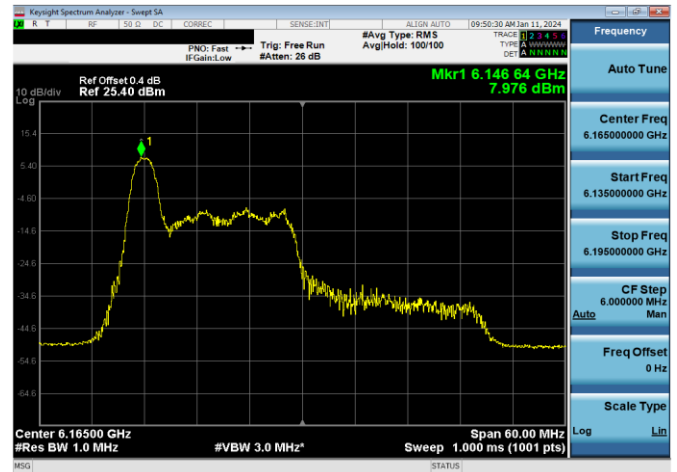
Plot 7-161. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) - Ch. 45)



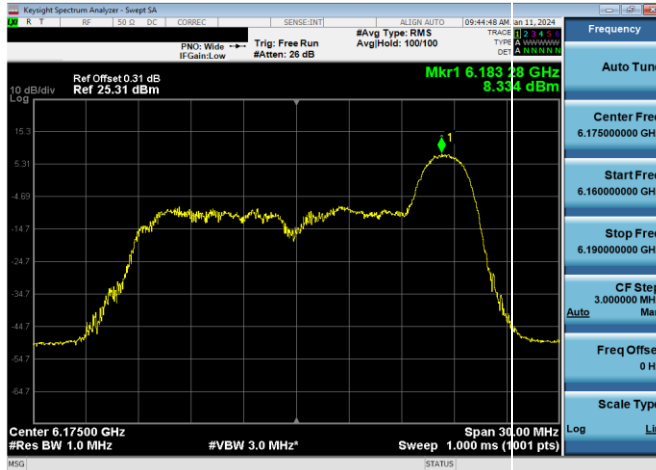
Plot 7-164. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU242 (UNII Band 5) - Ch. 45)



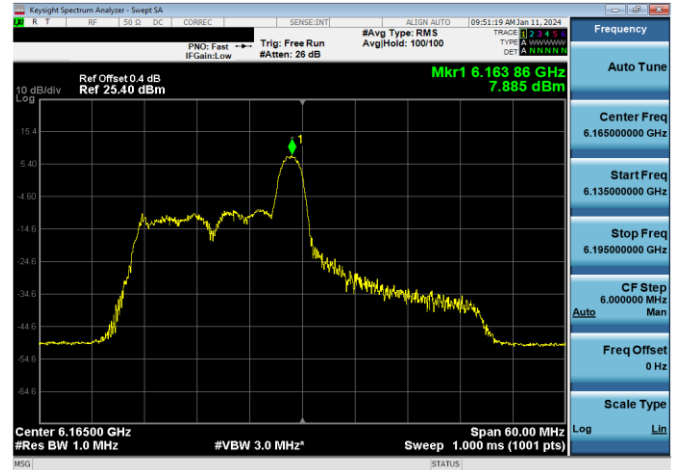
Plot 7-162. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) - Ch. 45)



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

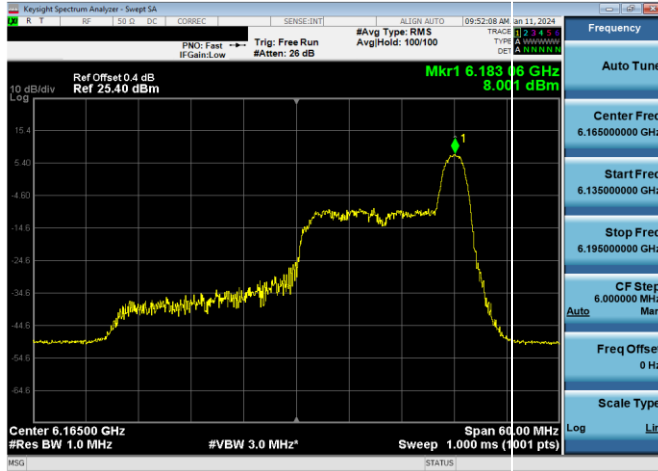


Plot 7-163. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) - Ch. 45)

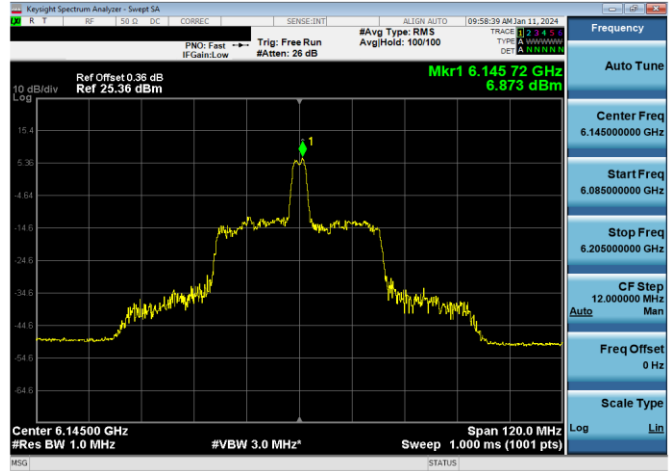


Plot 7-166. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 5) - Ch. 43)

FCC ID: BCGA2902 IC: 579C-A2902	element	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



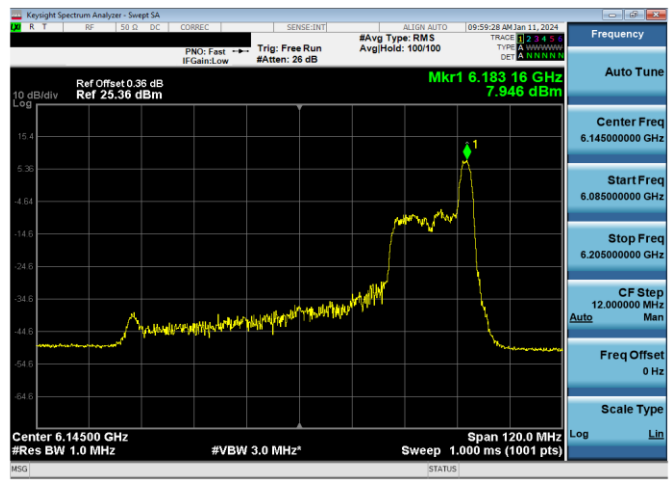
Plot 7-167. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU26 (UNII Band 5) – Ch. 43)



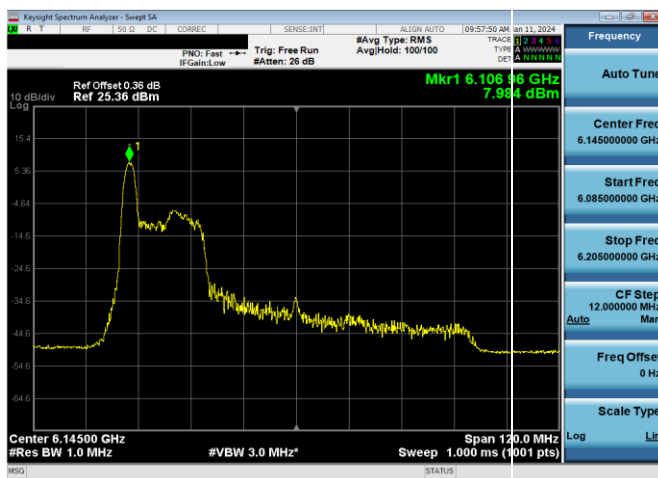
Plot 7-170. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



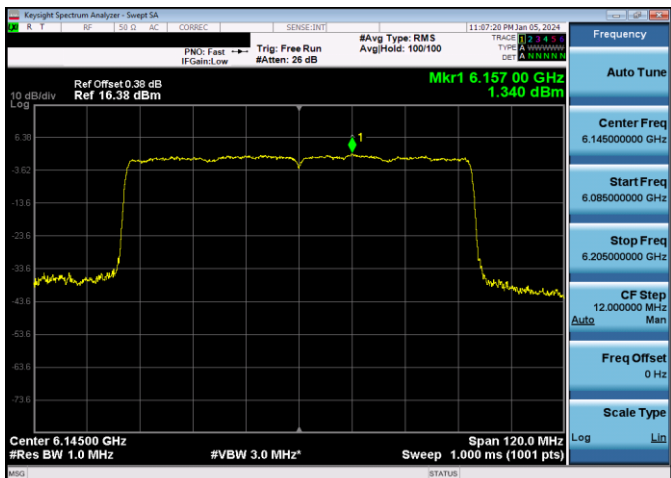
Plot 7-168. SP Power Spectral Density Plot Antenna WF7a (40MHz 802.11ax RU484 (UNII Band 5) – Ch. 43)



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

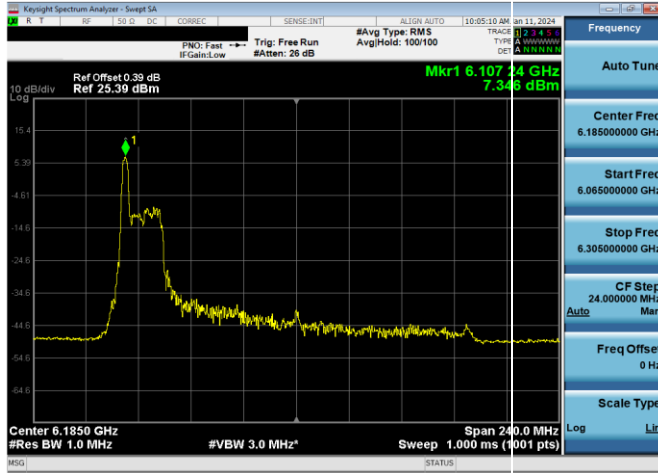


Plot 7-169. SP Power Spectral Density Plot Antenna WF7a (80MHz 802.11ax RU26 (UNII Band 5) – Ch. 39)



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

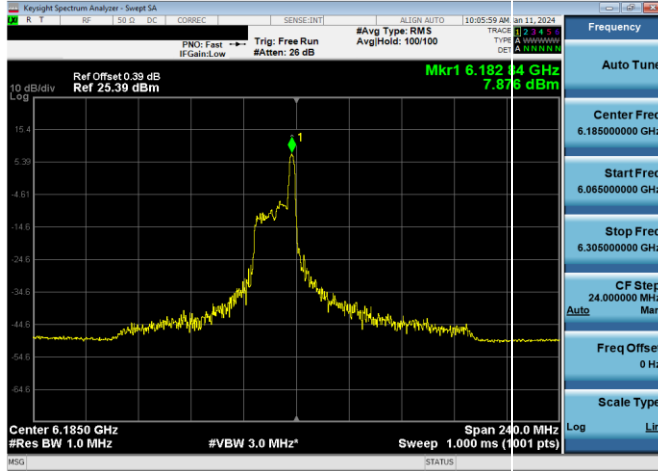
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 89 of 384



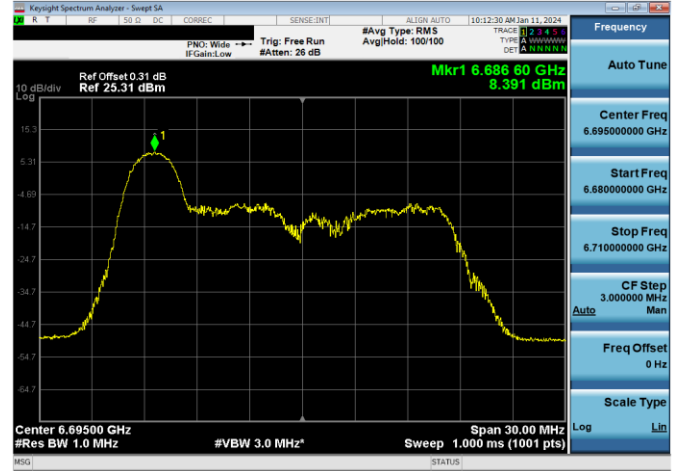
Plot 7-173. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



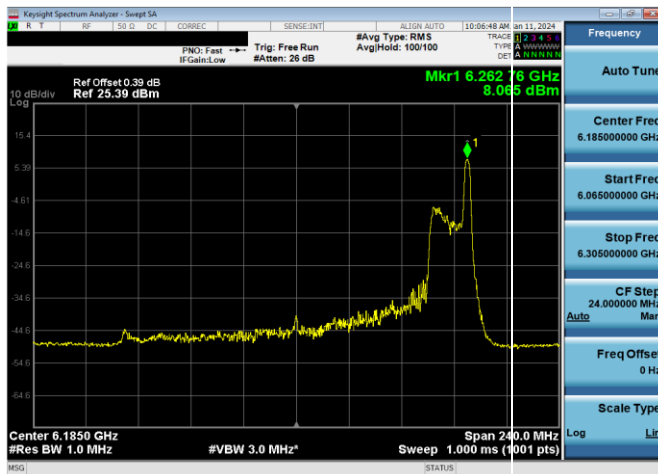
Plot 7-176. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)



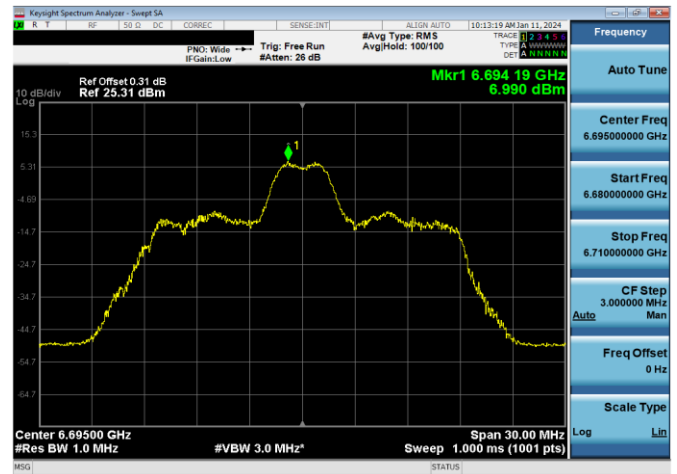
Plot 7-174. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)



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

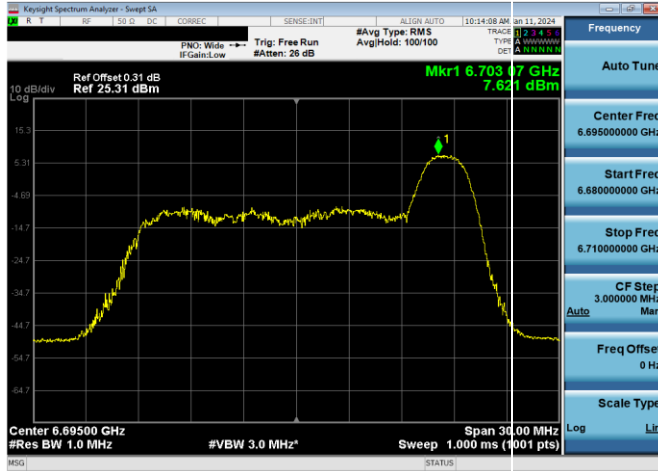


Plot 7-175. SP Power Spectral Density Plot Antenna WF7a (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

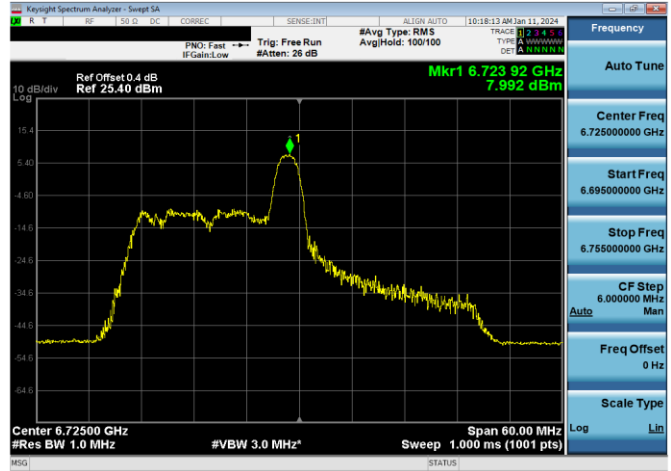


Plot 7-178. SP Power Spectral Density Plot Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 149)

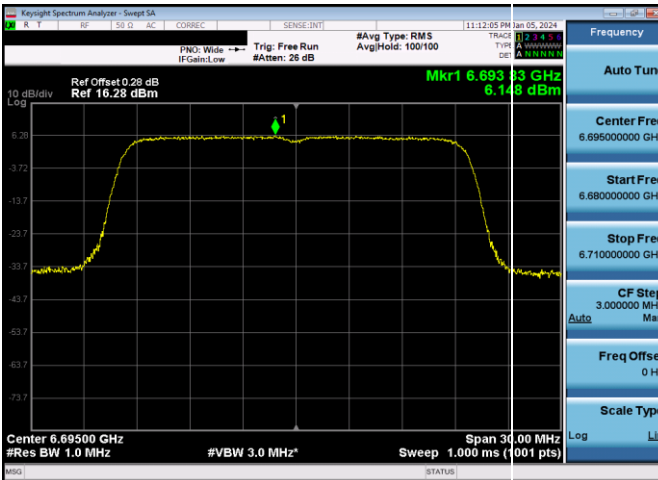
FCC ID: BCGA2902 IC: 579C-A2902		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG			
Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device		Page 90 of 384



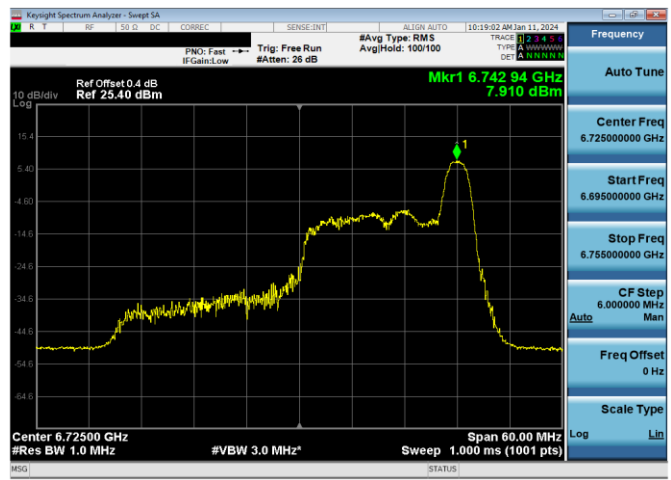
Plot 7-179. SP Power Spectral Density Plot Antenna WF7a (20MHz) 802.11ax RU26 (UNII Band 7) - Ch. 149)



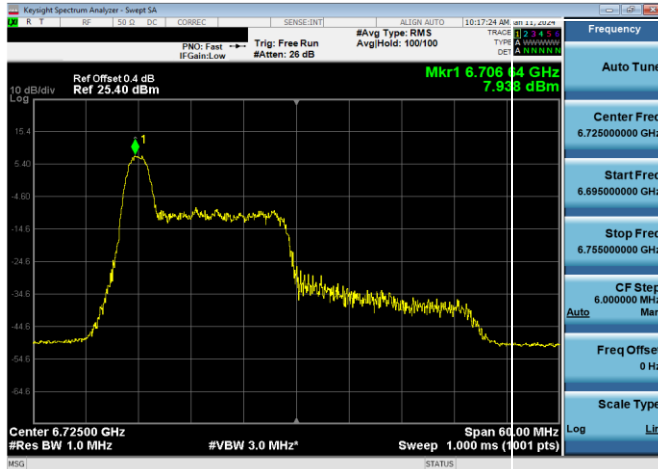
Plot 7-182. SP Power Spectral Density Plot Antenna WF7a (40MHz) 802.11ax RU26 (UNII Band 7) - Ch. 155)



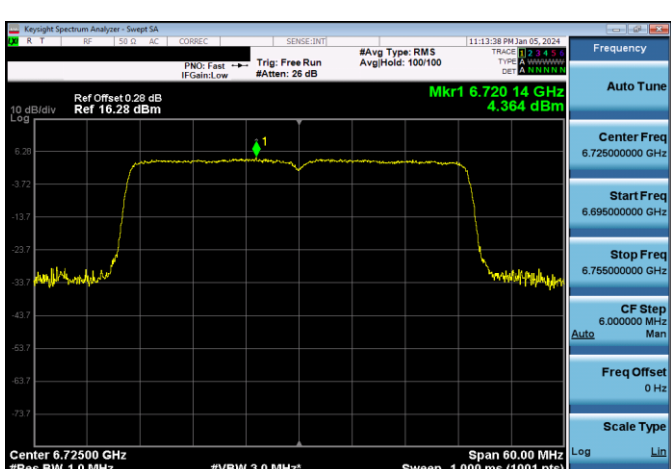
Plot 7-180. SP Power Spectral Density Plot Antenna WF7a (20MHz) 802.11ax RU242 (UNII Band 7) - Ch. 149)



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

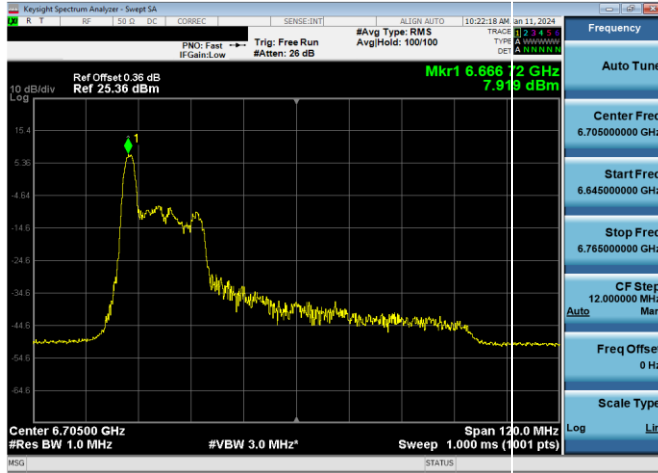


Plot 7-181. SP Power Spectral Density Plot Antenna WF7a (40MHz) 802.11ax RU26 (UNII Band 7) - Ch. 155)

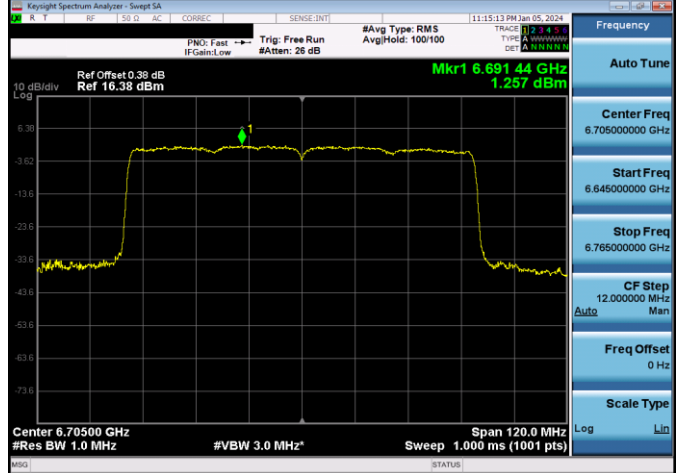


Plot 7-184. SP Power Spectral Density Plot Antenna WF7a (40MHz) 802.11ax RU484 (UNII Band 7) - Ch. 155)

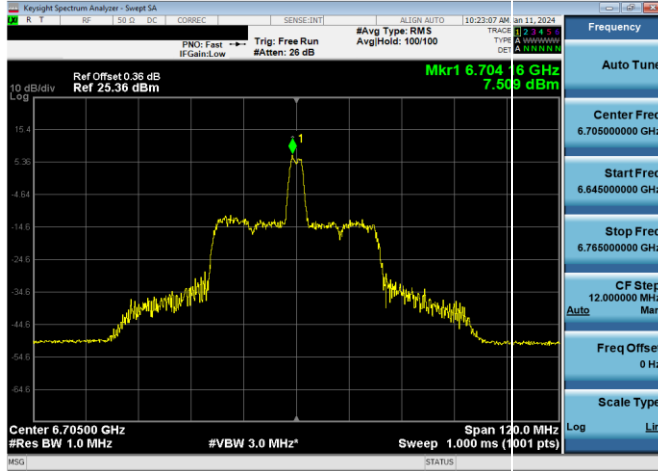
FCC ID: BCGA2902 IC: 579C-A2902	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 91 of 384



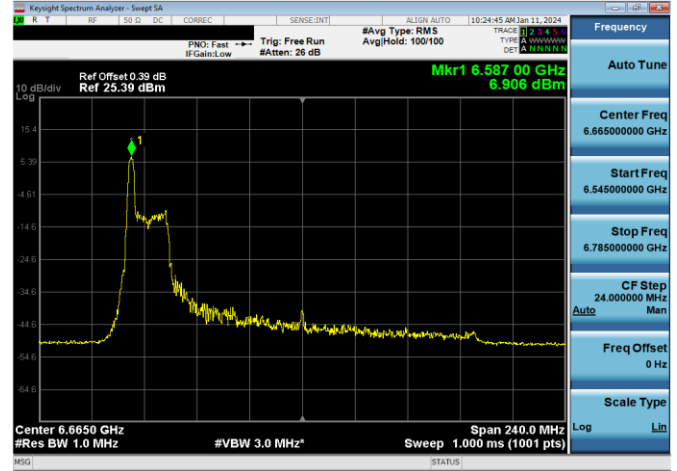
Plot 7-185. SP Power Spectral Density Plot Antenna WF7a (80MHz) 802.11ax RU26 (UNII Band 7) - Ch. 151)



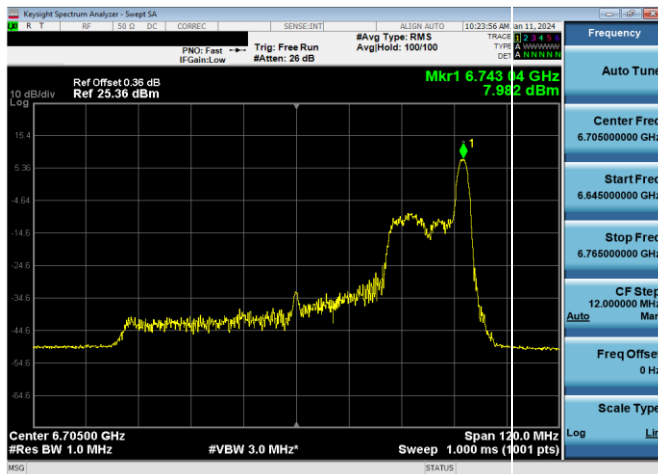
Plot 7-188. SP Power Spectral Density Plot Antenna WF7a (80MHz) 802.11ax RU996 (UNII Band 7) - Ch. 151)



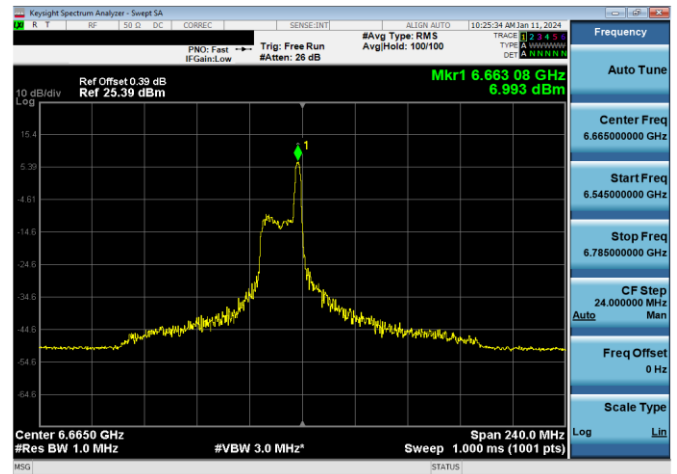
Plot 7-186. SP Power Spectral Density Plot Antenna WF7a (80MHz) 802.11ax RU26 (UNII Band 7) - Ch. 151)



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

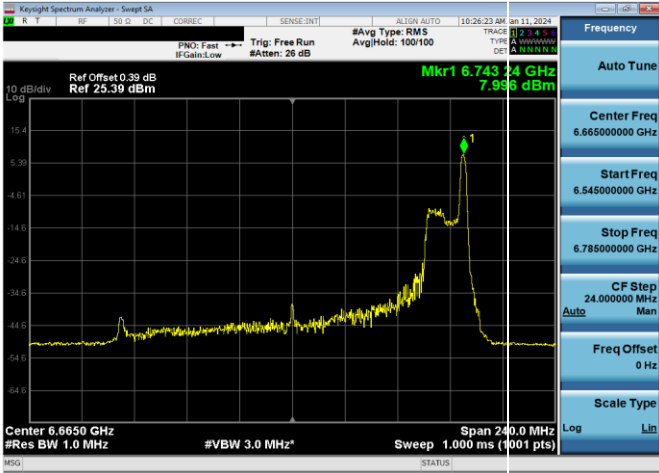


Plot 7-187. SP Power Spectral Density Plot Antenna WF7a (80MHz) 802.11ax RU26 (UNII Band 7) - Ch. 151)

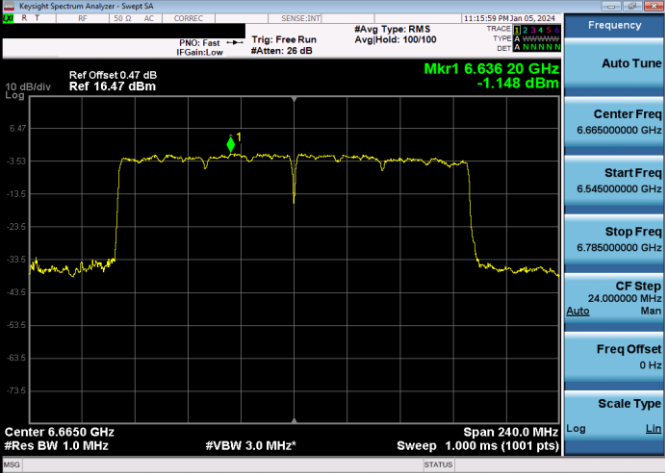


Plot 7-190. SP Power Spectral Density Plot Antenna WF7a (160MHz) 802.11ax RU26 (UNII Band 7) - Ch. 143)

FCC ID: BCGA2902 IC: 579C-A2902	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG	Test Dates: 11/29/2023 - 04/04/2024	Page 92 of 384
	EUT Type: Tablet Device	



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
Band 7	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

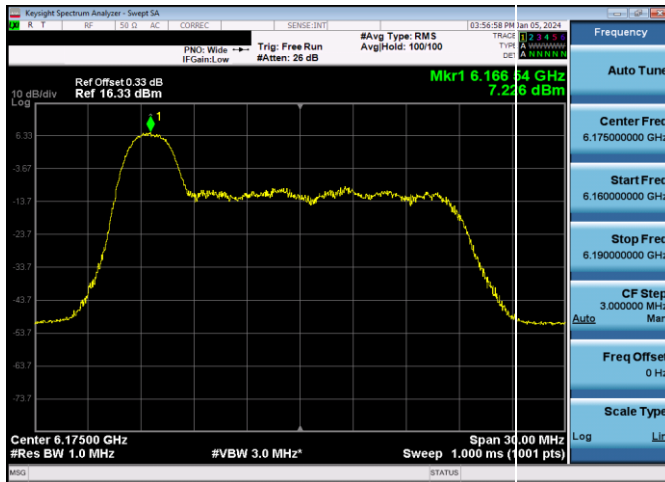
Table 7-84. SP Power Spectral Density Measurements SDM (RU26)

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

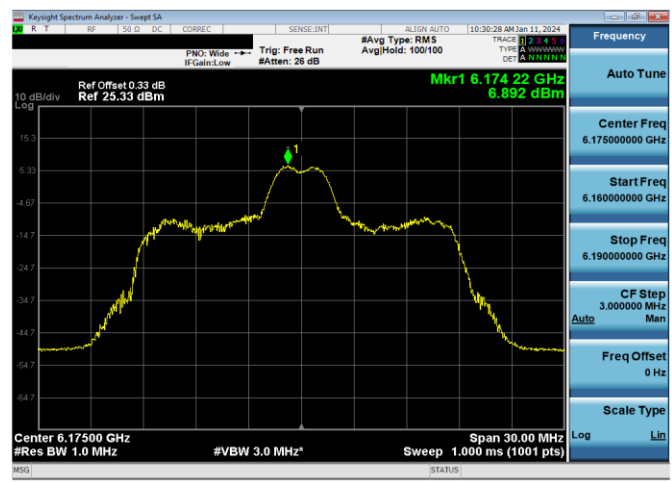
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate [Mbps]	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7a Power Density [dBm/MHz]	Summed SDM Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5935	1	ax (20MHz)	242	61	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	-5.07
	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)

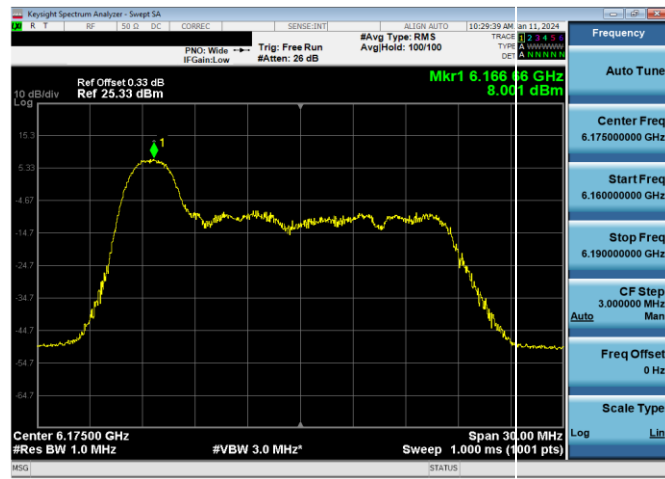
FCC ID: BCGA2902 IC: 579C-A2902		 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2311270063-14-R1.BCG		Test Dates: 11/29/2023 - 04/04/2024	EUT Type: Tablet Device	Page 95 of 384



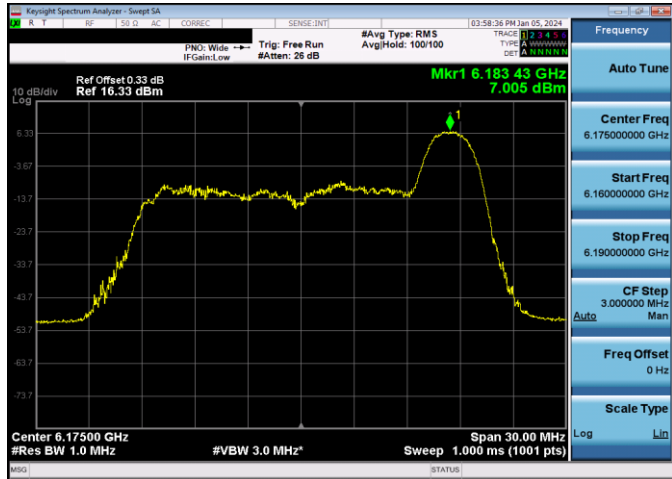
Plot 7-193. SP Power Spectral Density Plot SDM Antenna WF8 (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



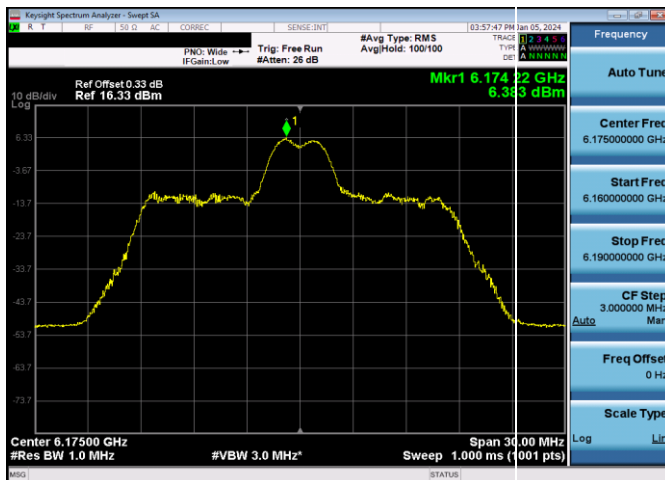
Plot 7-196. SP Power Spectral Density Plot SDM Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



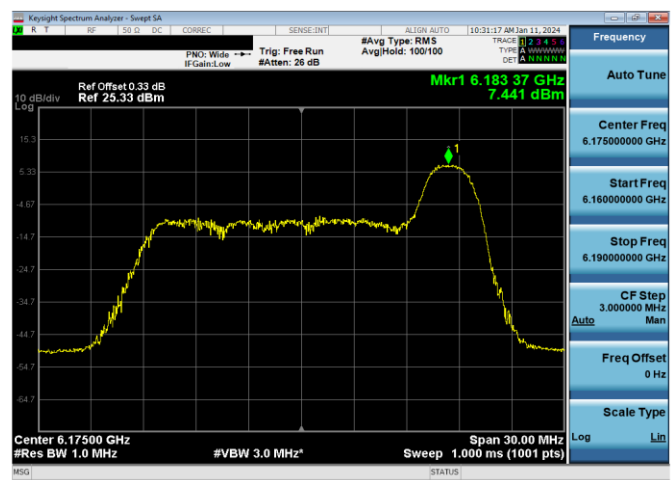
Plot 7-194. SP Power Spectral Density Plot SDM Antenna WF7a (20MHz 802.11ax RU26 (UNII Band 5) – Ch. 45)



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	element	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