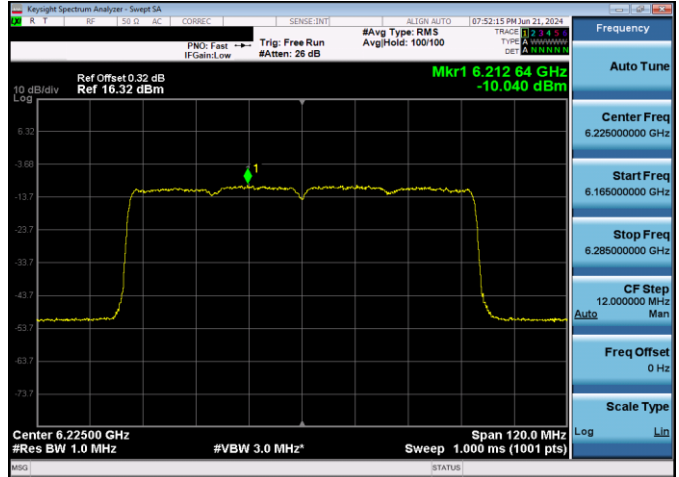
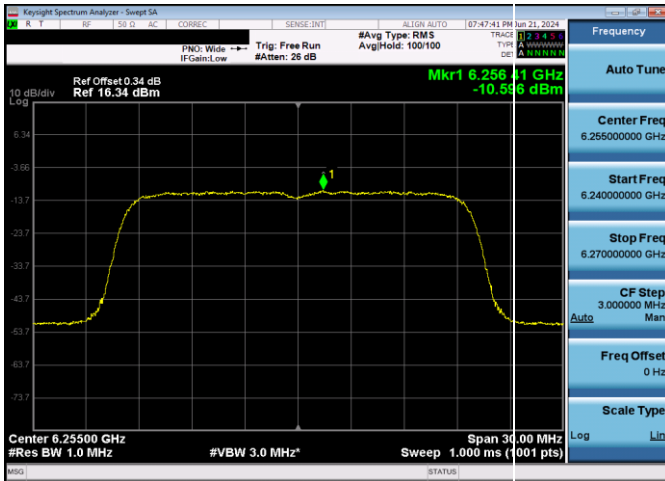


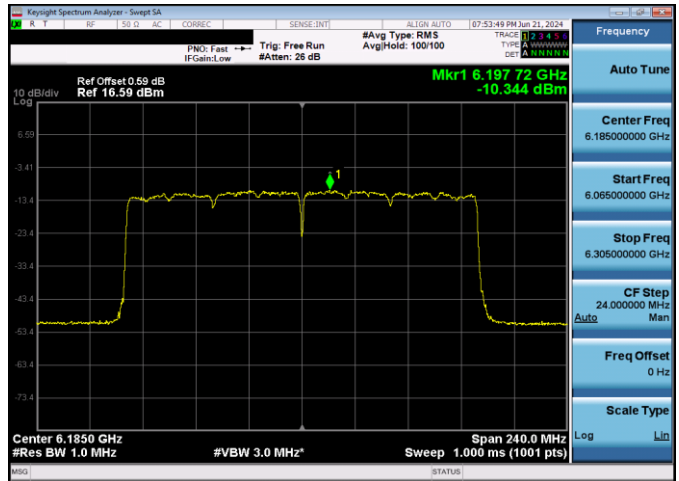
Plot 7-111. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11a (UNII Band 5) – Ch. 61, 54Mbps)



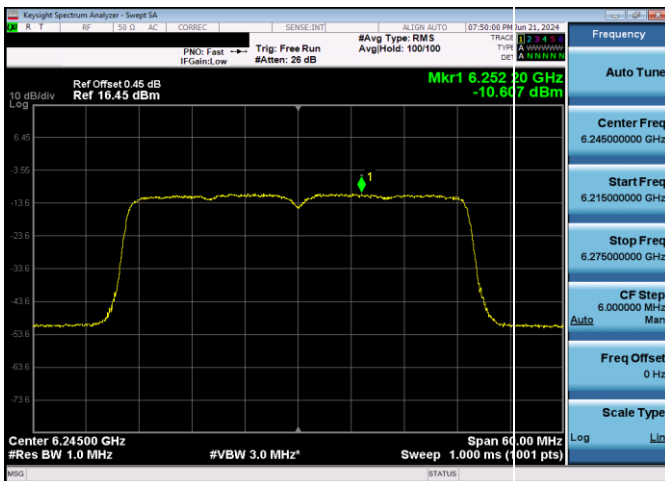
Plot 7-114. Power Spectral Density Plot Antenna WF5T VLP (80MHz 802.11ax (UNII Band 5) – Ch. 55, MCS11)



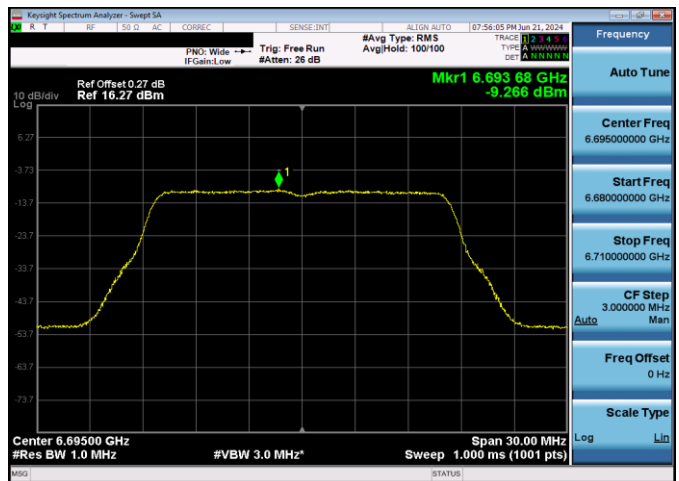
Plot 7-112. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11ax (UNII Band 5) – Ch. 61, MCS11)



Plot 7-115. Power Spectral Density Plot Antenna WF5T VLP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

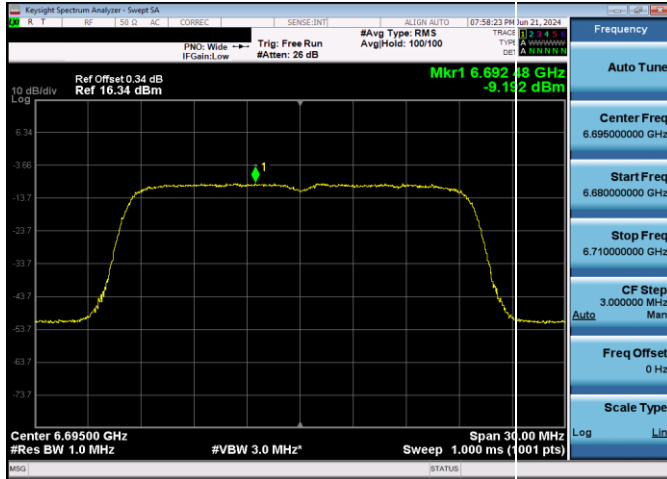


Plot 7-113. Power Spectral Density Plot Antenna WF5T VLP (40MHz 802.11ax (UNII Band 5) – Ch. 59, MCS11)

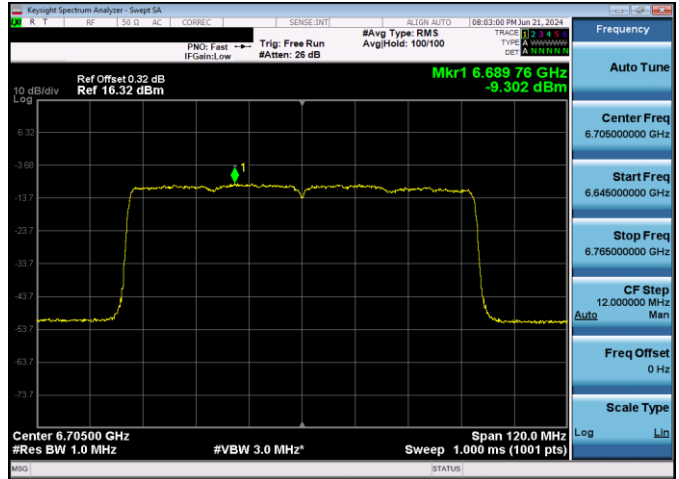


Plot 7-116. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

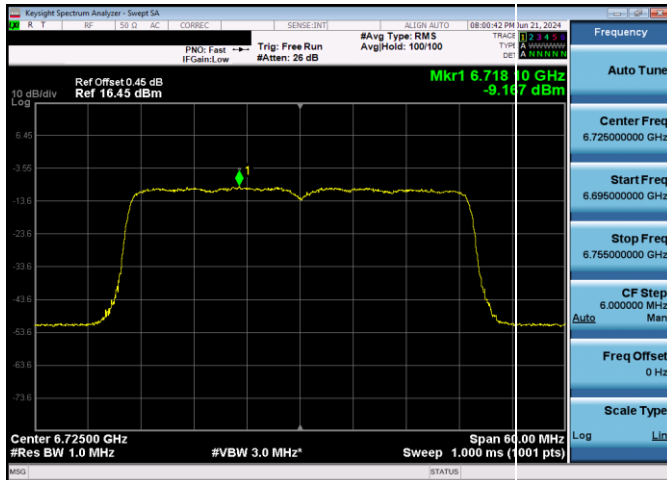
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 64 of 222



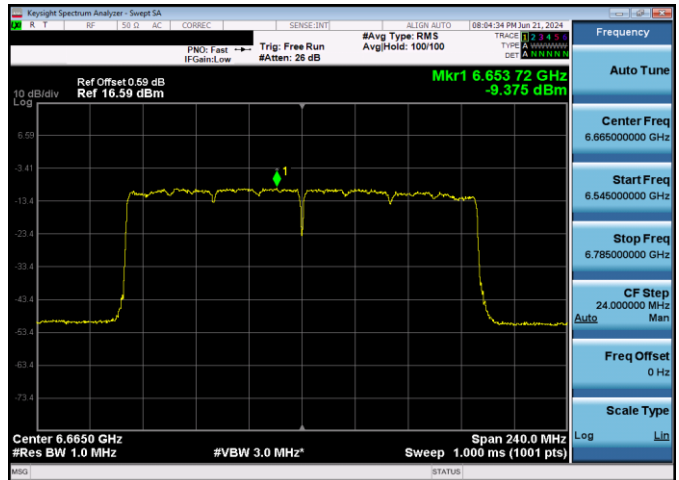
Plot 7-117. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-119. Power Spectral Density Plot Antenna WF5T VLP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-118. Power Spectral Density Plot Antenna WF5T VLP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-120. Power Spectral Density Plot Antenna WF5T VLP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 65 of 222

7.4.2 Antenna WF2 Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	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	5955	1	a	54	-5.50	2.00	-3.50	-1	-2.50
	6175	45	a	54	-5.55	2.00	-3.55	-1	-2.55
	6415	93	a	54	-6.17	2.00	-4.17	-1	-3.17
	5955	1	ax (20MHz)	135/143.4 (MCS11)	-5.81	2.00	-3.81	-1	-2.81
	6175	45	ax (20MHz)	135/143.4 (MCS11)	-5.97	2.00	-3.97	-1	-2.97
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-6.35	2.00	-4.35	-1	-3.35
	5965	3	ax (40MHz)	271/286.8 (MCS11)	-5.59	2.00	-3.59	-1	-2.59
	6165	43	ax (40MHz)	271/286.8 (MCS11)	-6.07	2.00	-4.07	-1	-3.07
	6405	91	ax (40MHz)	271/286.8 (MCS11)	-6.06	2.00	-4.06	-1	-3.06
	5985	7	ax (80MHz)	567/600.5 (MCS11)	-5.58	2.00	-3.58	-1	-2.58
	6145	39	ax (80MHz)	567/600.5 (MCS11)	-6.11	2.00	-4.11	-1	-3.11
	6385	87	ax (80MHz)	567/600.5 (MCS11)	-6.16	2.00	-4.16	-1	-3.16
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-5.48	2.00	-3.48	-1	-2.48
6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-5.97	2.00	-3.97	-1	-2.97	
6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-6.62	2.00	-4.62	-1	-3.62	
Band 6	6435	97	a	54	-5.99	1.30	-4.69	-1	-3.69
	6475	105	a	54	-6.02	1.30	-4.72	-1	-3.72
	6515	113	a	54	-5.74	1.30	-4.44	-1	-3.44
	6435	97	ax (20MHz)	135/143.4 (MCS11)	-6.18	1.30	-4.88	-1	-3.88
	6475	105	ax (20MHz)	135/143.4 (MCS11)	-6.51	1.30	-5.21	-1	-4.21
	6515	113	ax (20MHz)	135/143.4 (MCS11)	-6.31	1.30	-5.01	-1	-4.01
	6445	99	ax (40MHz)	271/286.8 (MCS11)	-6.20	1.30	-4.90	-1	-3.90
	6485	107	ax (40MHz)	271/286.8 (MCS11)	-6.17	1.30	-4.87	-1	-3.87
	6525	115	ax (40MHz)	271/286.8 (MCS11)	-6.04	1.30	-4.74	-1	-3.74
	6465	103	ax (80MHz)	567/600.5 (MCS11)	-6.41	1.30	-5.11	-1	-4.11
Band 7	6505	111	ax (160MHz)	1020.8/1201 (MCS11)	-6.71	1.30	-5.41	-1	-4.41
	6535	117	a	54	-5.63	1.80	-3.83	-1	-2.83
	6695	149	a	54	-5.29	1.80	-3.49	-1	-2.49
	6875	185	a	54	-5.44	1.80	-3.64	-1	-2.64
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-6.16	1.80	-4.36	-1	-3.36
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-5.77	1.80	-3.97	-1	-2.97
	6875	185	ax (20MHz)	135/143.4 (MCS11)	-6.04	1.80	-4.24	-1	-3.24
	6565	123	ax (40MHz)	271/286.8 (MCS11)	-5.96	1.80	-4.16	-1	-3.16
	6725	155	ax (40MHz)	271/286.8 (MCS11)	-6.08	1.80	-4.28	-1	-3.28
	6845	179	ax (40MHz)	271/286.8 (MCS11)	-5.93	1.80	-4.13	-1	-3.13
	6545	119	ax (80MHz)	567/600.5 (MCS11)	-6.05	1.80	-4.25	-1	-3.25
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-5.81	1.80	-4.01	-1	-3.01
	6865	183	ax (80MHz)	567/600.5 (MCS11)	-6.12	1.80	-4.32	-1	-3.32
Band 8	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-5.83	1.80	-4.03	-1	-3.03
	6825	175	ax (160MHz)	1020.8/1201 (MCS11)	-5.99	1.80	-4.19	-1	-3.19
	6895	189	a	54	-5.48	0.30	-5.18	-1	-4.18
	6995	209	a	54	-5.78	0.30	-5.48	-1	-4.48
	7115	233	a	54	-5.73	0.30	-5.43	-1	-4.43
	6895	189	ax (20MHz)	135/143.4 (MCS11)	-5.96	0.30	-5.66	-1	-4.66
	6995	209	ax (20MHz)	135/143.4 (MCS11)	-6.35	0.30	-6.05	-1	-5.05
	7115	233	ax (20MHz)	135/143.4 (MCS11)	-6.42	0.30	-6.12	-1	-5.12
	6885	187	ax (40MHz)	271/286.8 (MCS11)	-5.94	0.30	-5.64	-1	-4.64
	7005	211	ax (40MHz)	271/286.8 (MCS11)	-5.95	0.30	-5.65	-1	-4.65
	7085	227	ax (40MHz)	271/286.8 (MCS11)	-6.03	0.30	-5.73	-1	-4.73
	6945	199	ax (80MHz)	567/600.5 (MCS11)	-5.95	0.30	-5.65	-1	-4.65
	7025	215	ax (80MHz)	567/600.5 (MCS11)	-5.73	0.30	-5.43	-1	-4.43
6985	207	ax (160MHz)	1020.8/1201 (MCS11)	-5.83	0.30	-5.53	-1	-4.53	

Table 7-47. Power Spectral Density Measurements Antenna WF2 LPI

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 66 of 222

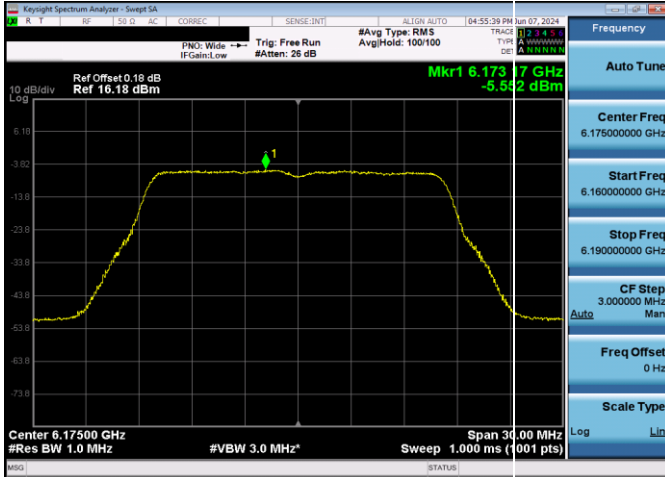
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	54	7.98	2.00	9.98	17	-7.02
	6175	45	a	54	8.20	2.00	10.20	17	-6.80
	6415	93	a	54	8.25	2.00	10.25	17	-6.75
	5955	1	ax (20MHz)	135/143.4 (MCS11)	7.66	2.00	9.66	17	-7.34
	6175	45	ax (20MHz)	135/143.4 (MCS11)	7.99	2.00	9.99	17	-7.01
	6415	93	ax (20MHz)	135/143.4 (MCS11)	7.63	2.00	9.63	17	-7.37
	5965	3	ax (40MHz)	271/286.8 (MCS11)	4.82	2.00	6.82	17	-10.18
	6165	43	ax (40MHz)	271/286.8 (MCS11)	5.05	2.00	7.05	17	-9.95
	6405	91	ax (40MHz)	271/286.8 (MCS11)	4.74	2.00	6.74	17	-10.26
	5985	7	ax (80MHz)	567/600.5 (MCS11)	2.00	2.00	4.00	17	-13.00
	6145	39	ax (80MHz)	567/600.5 (MCS11)	2.17	2.00	4.17	17	-12.83
	6385	87	ax (80MHz)	567/600.5 (MCS11)	2.42	2.00	4.42	17	-12.58
	6025	15	ax (160MHz)	1020.8/1201 (MCS11)	-0.27	2.00	1.73	17	-15.27
6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-0.23	2.00	1.77	17	-15.23	
6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-0.80	2.00	1.21	17	-15.80	
Band 7	6535	117	a	54	8.00	1.80	9.80	17	-7.20
	6695	149	a	54	8.86	1.80	10.66	17	-6.34
	6855	181	a	54	8.45	1.80	10.25	17	-6.75
	6535	117	ax (20MHz)	135/143.4 (MCS11)	7.80	1.80	9.60	17	-7.40
	6695	149	ax (20MHz)	135/143.4 (MCS11)	7.96	1.80	9.76	17	-7.24
	6855	181	ax (20MHz)	135/143.4 (MCS11)	7.90	1.80	9.70	17	-7.30
	6565	123	ax (40MHz)	271/286.8 (MCS11)	5.03	1.80	6.83	17	-10.17
	6725	155	ax (40MHz)	271/286.8 (MCS11)	5.37	1.80	7.17	17	-9.83
	6845	179	ax (40MHz)	271/286.8 (MCS11)	5.49	1.80	7.29	17	-9.71
	6625	135	ax (80MHz)	567/600.5 (MCS11)	2.38	1.80	4.18	17	-12.83
	6705	151	ax (80MHz)	567/600.5 (MCS11)	2.34	1.80	4.14	17	-12.86
	6785	167	ax (80MHz)	567/600.5 (MCS11)	2.20	1.80	4.00	17	-13.00
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	0.08	1.80	1.88	17	-15.12

Table 7-48. Power Spectral Density Measurements Antenna WF2 SP

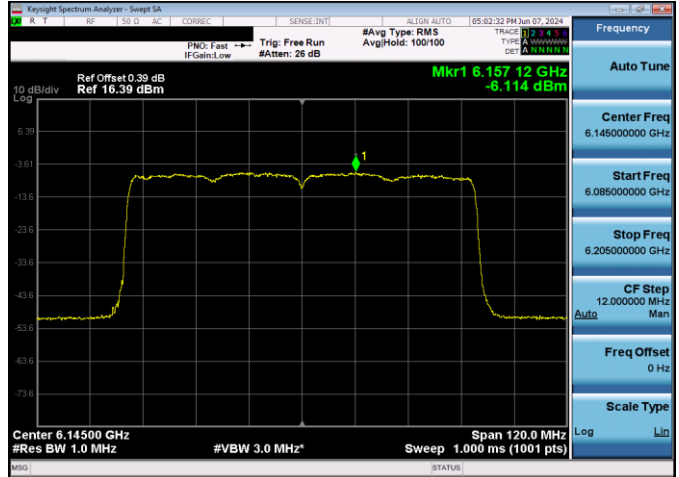
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate [MHz]	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	a	54	-9.71	2.00	-7.71	-5	-2.71
	6255	61	a	54	-10.02	2.00	-8.02	-5	-3.02
	6415	93	a	54	-10.71	2.00	-8.71	-5	-3.71
	6115	33	ax (20MHz)	135/143.4 (MCS11)	-9.72	2.00	-7.72	-5	-2.72
	6255	61	ax (20MHz)	135/143.4 (MCS11)	-10.95	2.00	-8.95	-5	-3.95
	6415	93	ax (20MHz)	135/143.4 (MCS11)	-10.69	2.00	-8.69	-5	-3.69
	6125	35	ax (40MHz)	271/286.8 (MCS11)	-10.07	2.00	-8.07	-5	-3.07
	6245	59	ax (40MHz)	271/286.8 (MCS11)	-10.21	2.00	-8.21	-5	-3.21
	6405	91	ax (40MHz)	271/286.8 (MCS11)	-10.24	2.00	-8.24	-5	-3.24
	6145	39	ax (80MHz)	567/600.5 (MCS11)	-9.85	2.00	-7.85	-5	-2.85
	6225	55	ax (80MHz)	567/600.5 (MCS11)	-9.64	2.00	-7.64	-5	-2.64
	6385	87	ax (80MHz)	567/600.5 (MCS11)	-9.81	2.00	-7.81	-5	-2.81
	6185	47	ax (160MHz)	1020.8/1201 (MCS11)	-10.27	2.00	-8.27	-5	-3.27
6345	79	ax (160MHz)	1020.8/1201 (MCS11)	-10.64	2.00	-8.64	-5	-3.64	
Band 7	6535	117	a	54	-9.56	1.80	-7.76	-5	-2.76
	6695	149	a	54	-9.11	1.80	-7.31	-5	-2.31
	6855	181	a	54	-9.64	1.80	-7.84	-5	-2.84
	6535	117	ax (20MHz)	135/143.4 (MCS11)	-10.25	1.80	-8.45	-5	-3.45
	6695	149	ax (20MHz)	135/143.4 (MCS11)	-9.75	1.80	-7.95	-5	-2.95
	6855	181	ax (20MHz)	135/143.4 (MCS11)	-9.71	1.80	-7.91	-5	-2.91
	6565	123	ax (40MHz)	271/286.8 (MCS11)	-9.97	1.80	-8.17	-5	-3.17
	6725	155	ax (40MHz)	271/286.8 (MCS11)	-9.70	1.80	-7.90	-5	-2.90
	6845	179	ax (40MHz)	271/286.8 (MCS11)	-9.75	1.80	-7.95	-5	-2.95
	6625	135	ax (80MHz)	567/600.5 (MCS11)	-9.41	1.80	-7.61	-5	-2.61
	6705	151	ax (80MHz)	567/600.5 (MCS11)	-9.56	1.80	-7.76	-5	-2.76
	6785	167	ax (80MHz)	567/600.5 (MCS11)	-9.58	1.80	-7.78	-5	-2.78
	6665	143	ax (160MHz)	1020.8/1201 (MCS11)	-9.50	1.80	-7.70	-5	-2.70

Table 7-49. Power Spectral Density Measurements Antenna WF2 VLP

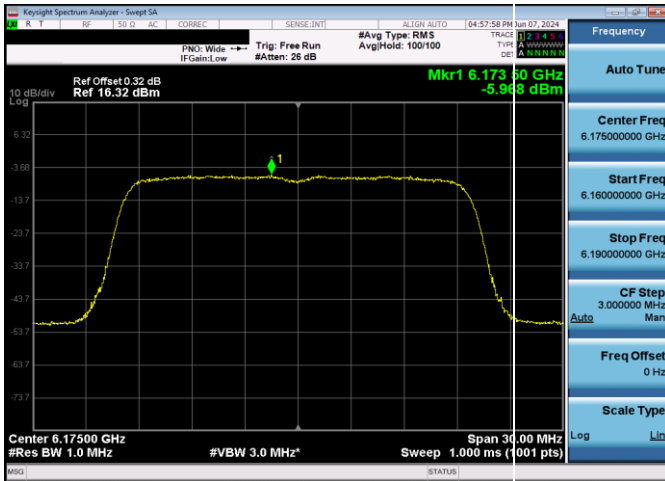
FCC ID: BCGA2993			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 67 of 222	



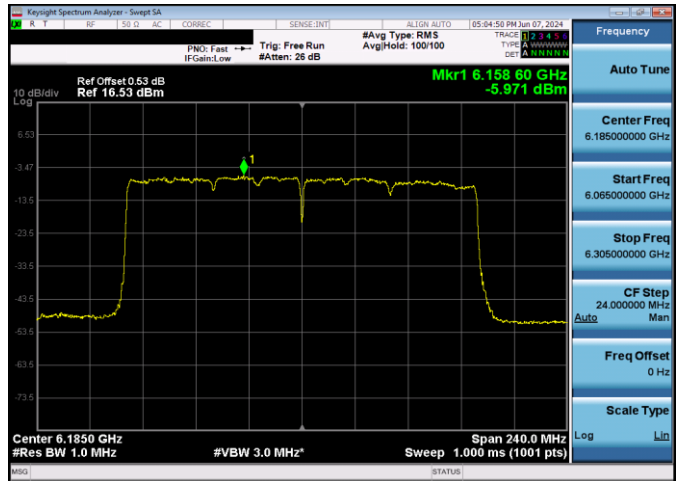
Plot 7-121. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



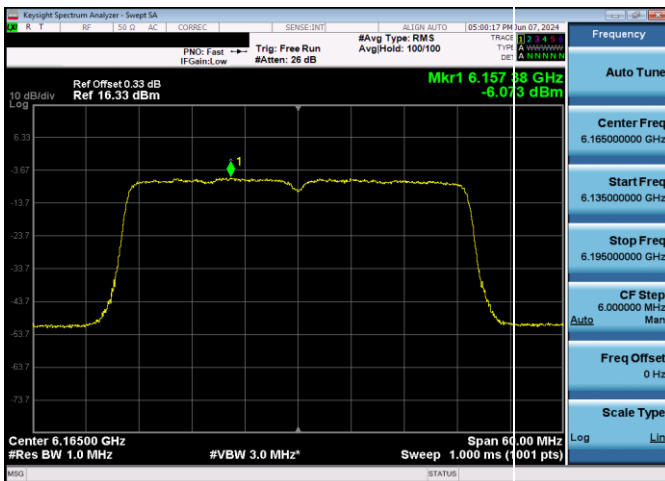
Plot 7-124. Power Spectral Density Plot Antenna WF2 LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



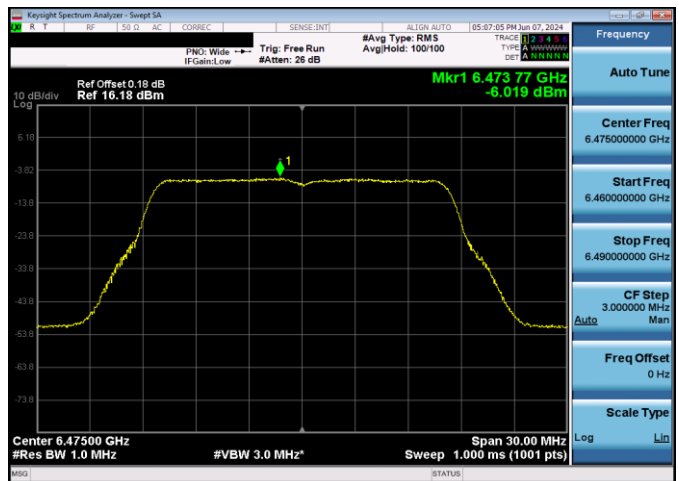
Plot 7-122. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-125. Power Spectral Density Plot Antenna WF2 LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

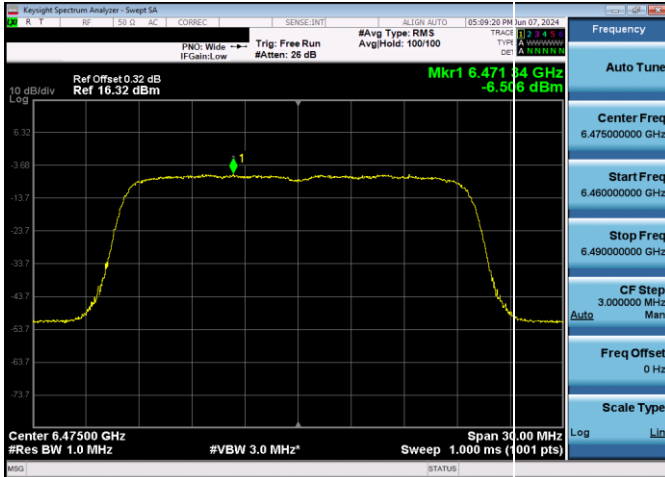


Plot 7-123. Power Spectral Density Plot Antenna WF2 LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

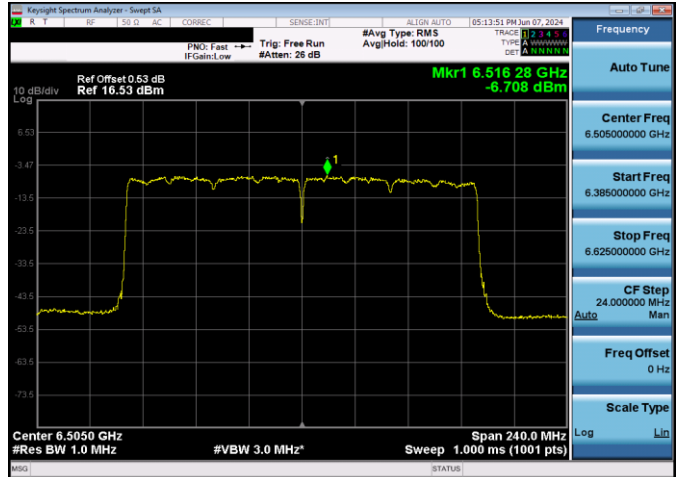


Plot 7-126. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11a (UNII Band 6) – Ch. 105, 54Mbps)

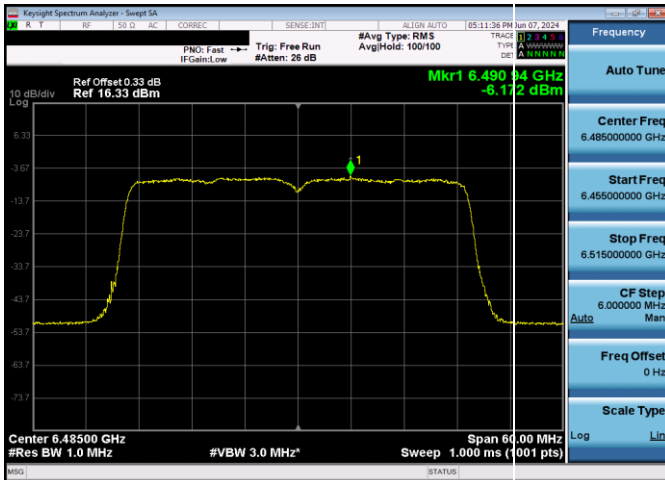
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 68 of 222



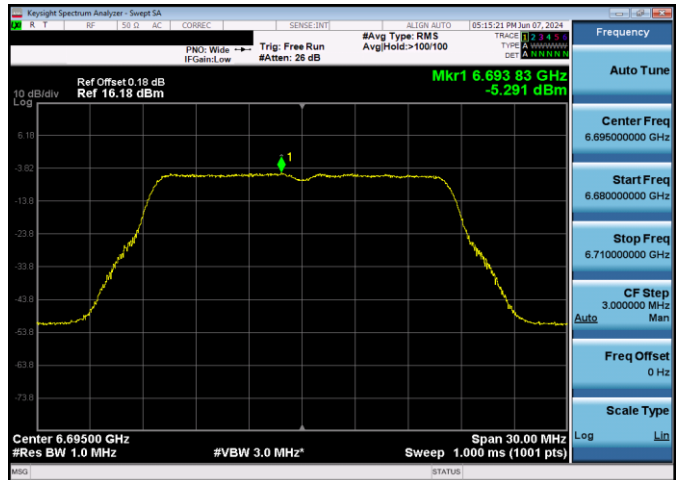
Plot 7-127. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



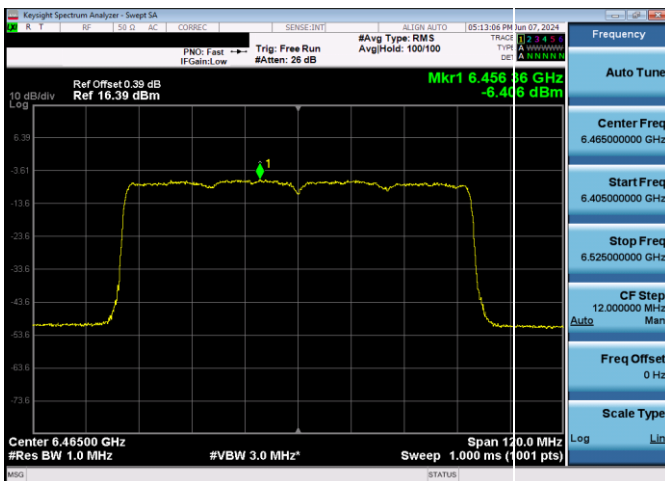
Plot 7-130. Power Spectral Density Plot Antenna WF2 LPI (160MHz 802.11ax (UNII Band 6) – Ch. 111, MCS11)



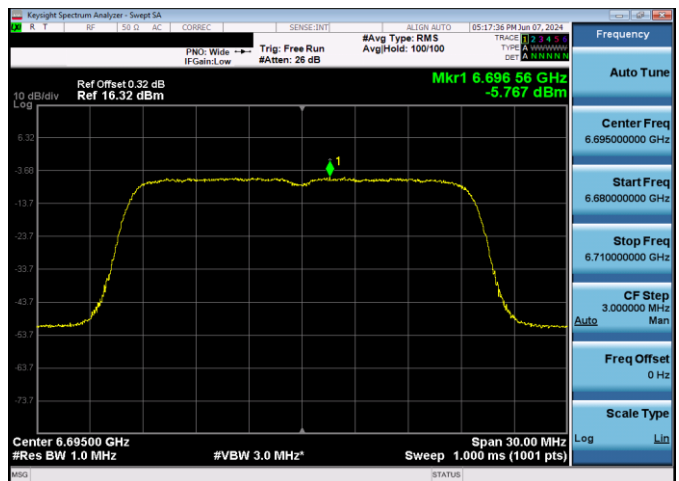
Plot 7-128. Power Spectral Density Plot Antenna WF2 LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-131. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

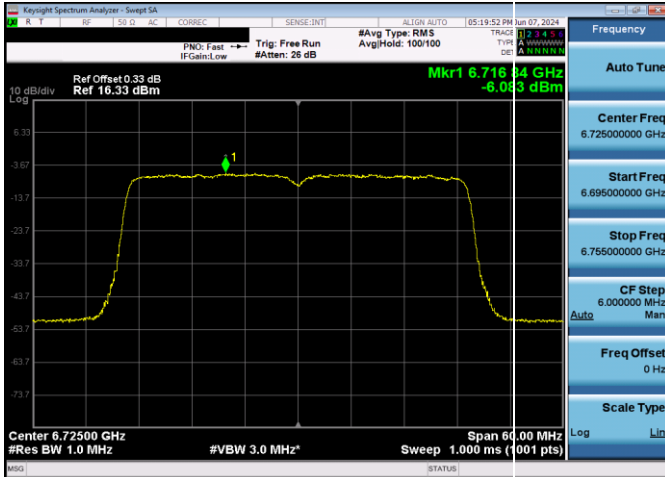


Plot 7-129. Power Spectral Density Plot Antenna WF2 LPI (80MHz 802.11ax (UNII Band 6) – Ch. 103, MCS11)

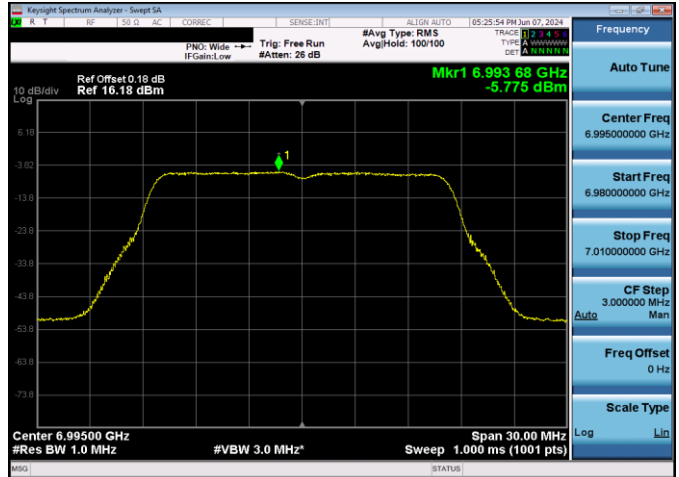


Plot 7-132. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)

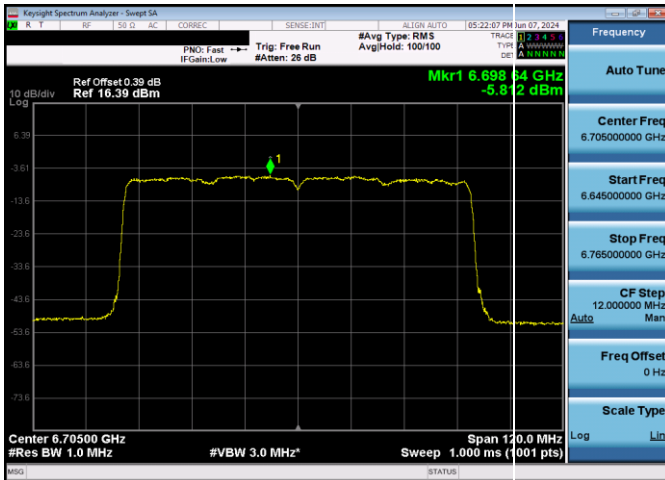
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 69 of 222



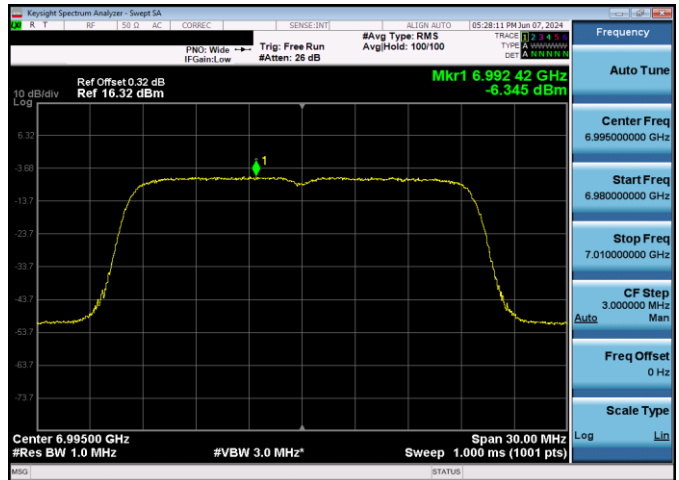
Plot 7-133. Power Spectral Density Plot Antenna WF2 LPI (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



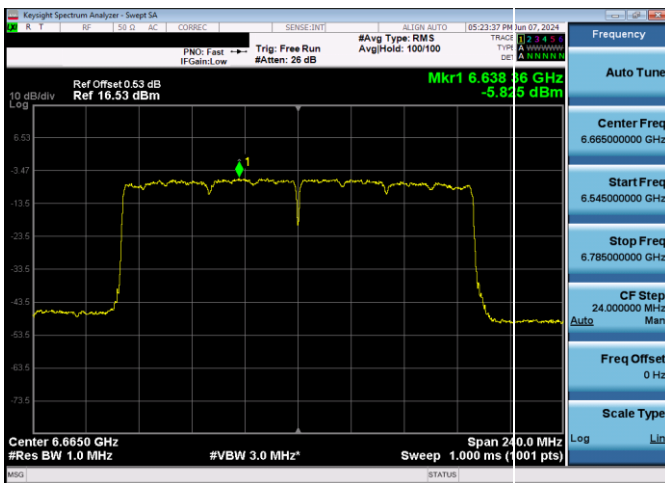
Plot 7-136. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11a (UNII Band 8) – Ch. 209, 54Mbps)



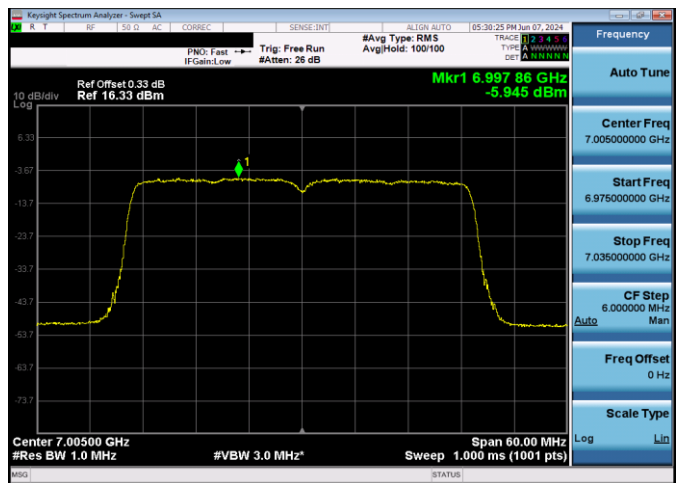
Plot 7-134. Power Spectral Density Plot Antenna WF2 LPI (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-137. Power Spectral Density Plot Antenna WF2 LPI (20MHz 802.11ax (UNII Band 8) – Ch. 209, MCS11)

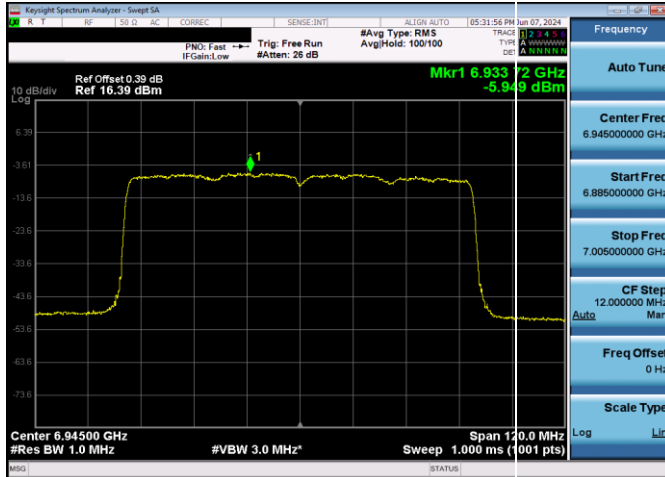


Plot 7-135. Power Spectral Density Plot Antenna WF2 LPI (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

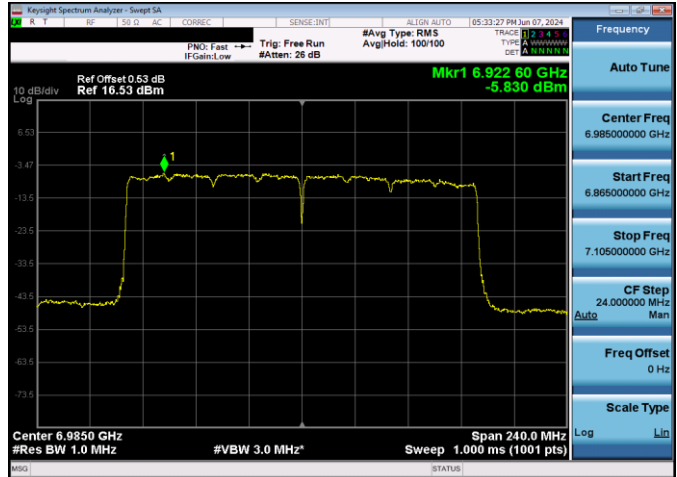


Plot 7-138. Power Spectral Density Plot Antenna WF2 LPI (40MHz 802.11ax (UNII Band 8) – Ch. 211, MCS11)

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 70 of 222

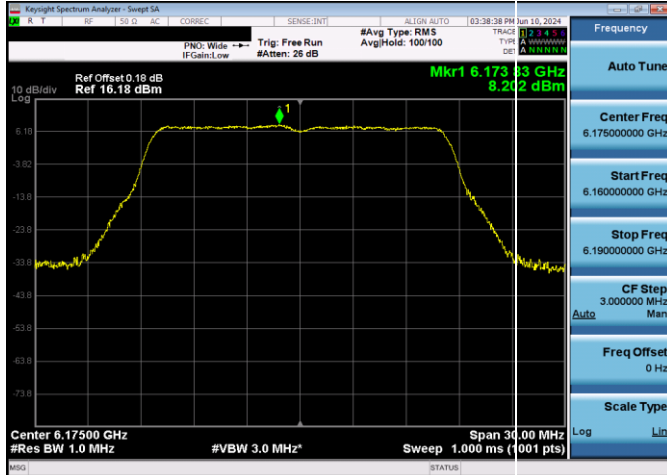


Plot 7-139. Power Spectral Density Plot Antenna WF2 LPI (80MHz 802.11ax (UNII Band 8) – Ch. 199, MCS11)

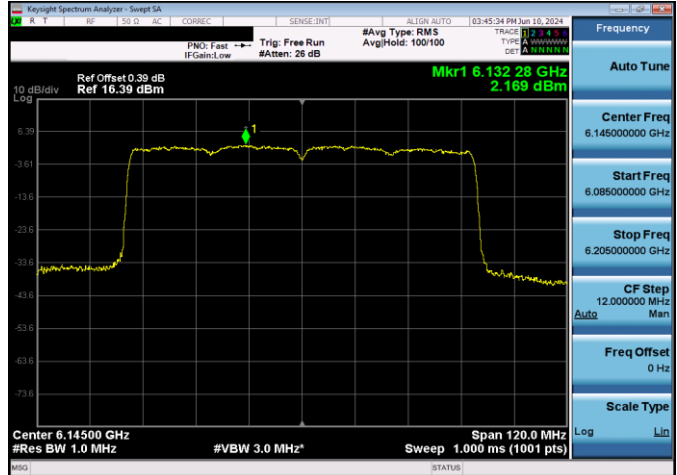


Plot 7-140. Power Spectral Density Plot Antenna WF2 LPI (160MHz 802.11ax (UNII Band 8) – Ch. 207, MCS11)

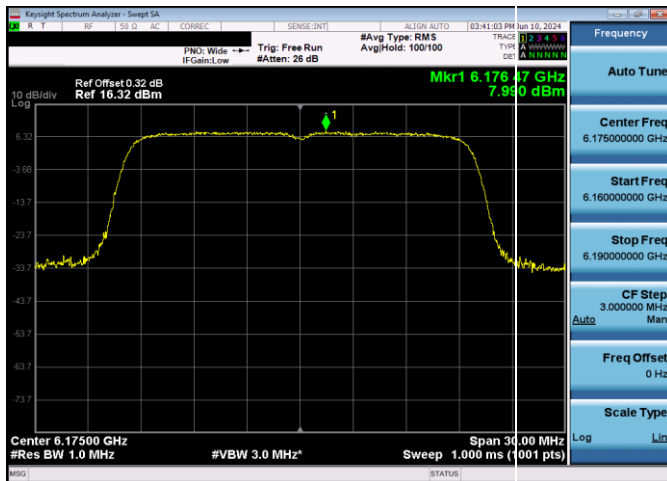
FCC ID: BCGA2993	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 71 of 222



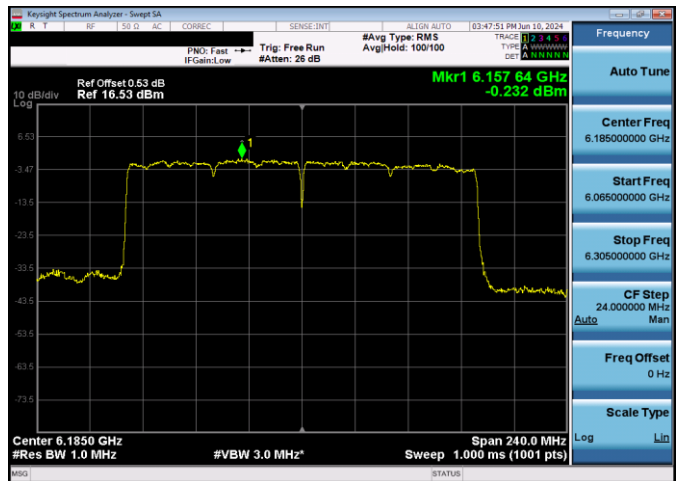
Plot 7-141. Power Spectral Density Plot Antenna WF2 SP (20MHz 802.11a (UNII Band 5) – Ch. 45, 54Mbps)



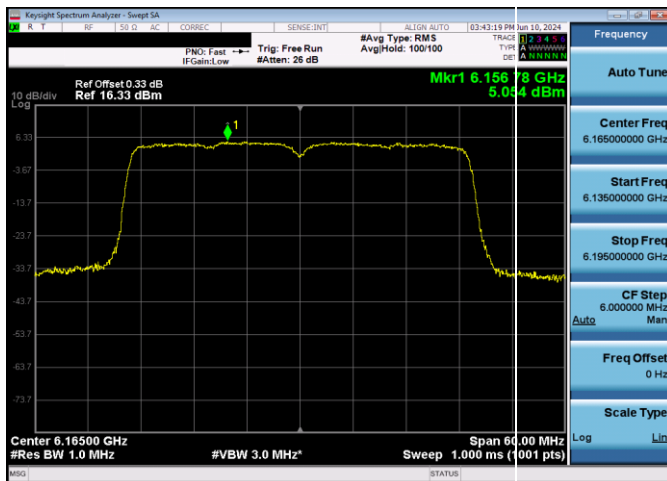
Plot 7-144. Power Spectral Density Plot Antenna WF2 SP (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)



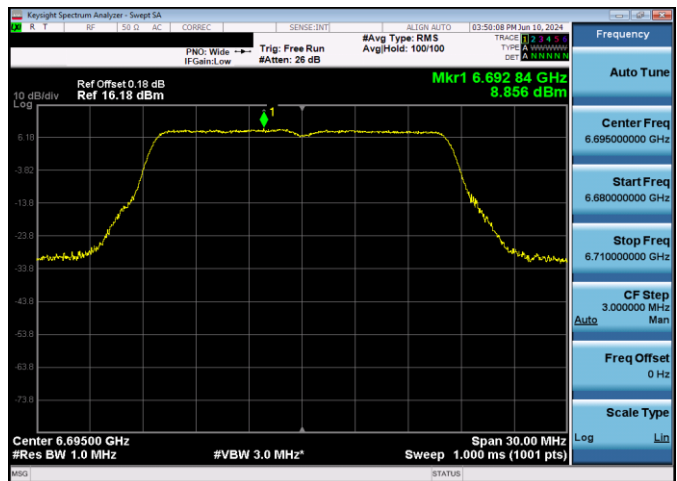
Plot 7-142. Power Spectral Density Plot Antenna WF2 SP (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-145. Power Spectral Density Plot Antenna WF2 SP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

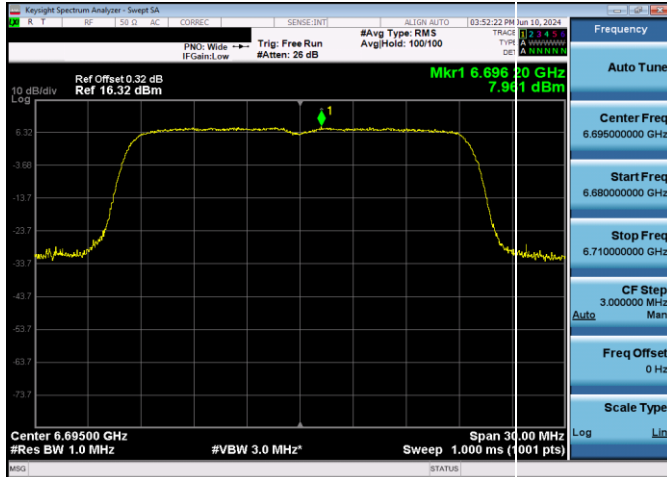


Plot 7-143. Power Spectral Density Plot Antenna WF2 SP (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

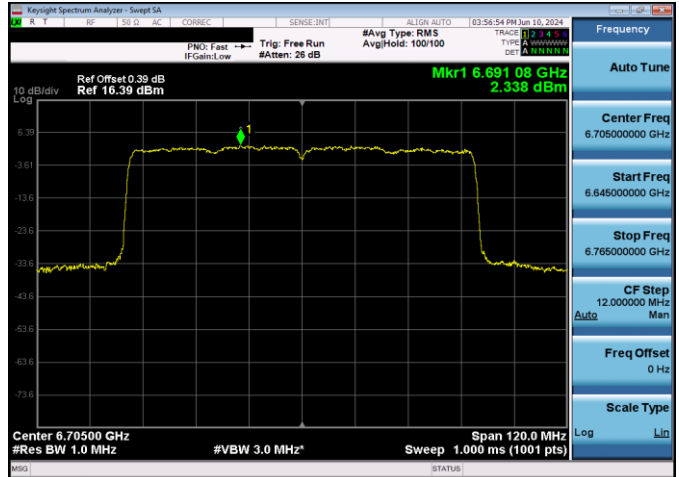


Plot 7-146. Power Spectral Density Plot Antenna WF2 SP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

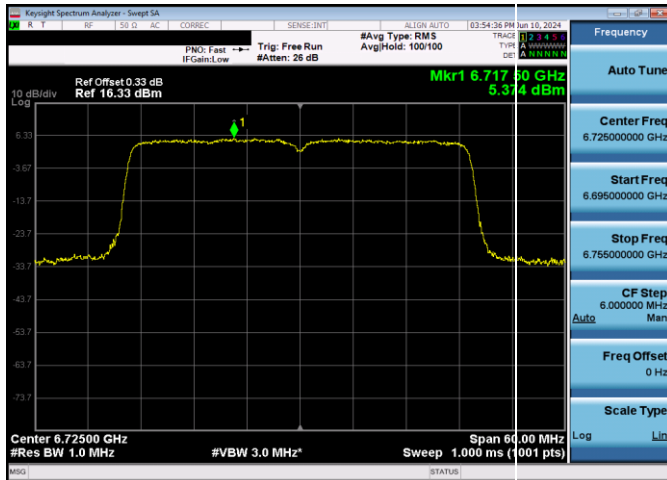
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 72 of 222



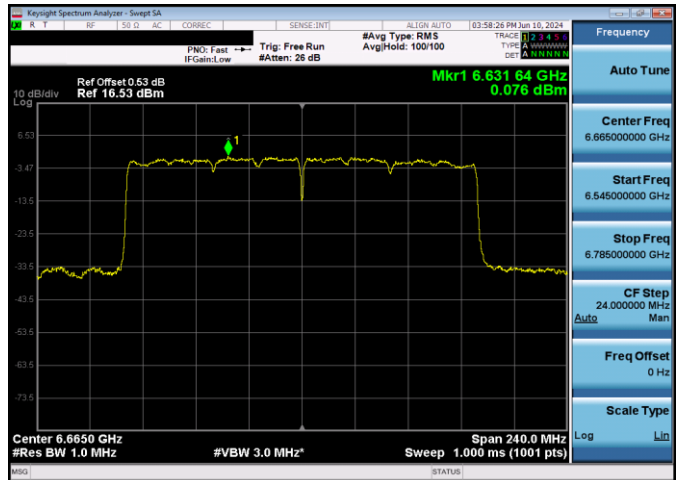
Plot 7-147. Power Spectral Density Plot Antenna WF2 SP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-149. Power Spectral Density Plot Antenna WF2 SP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)

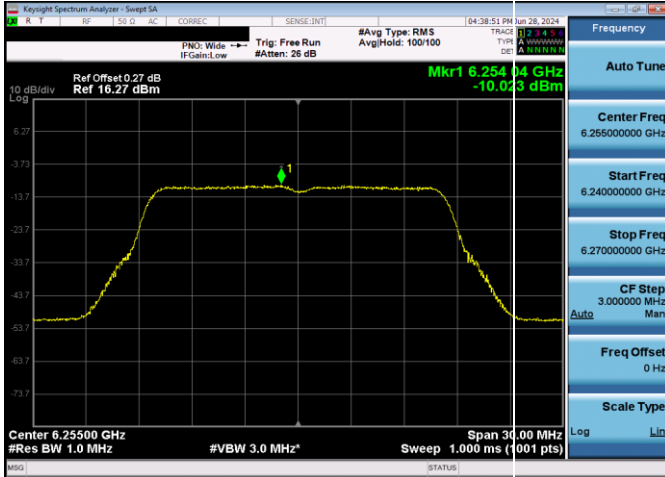


Plot 7-148. Power Spectral Density Plot Antenna WF2 SP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)

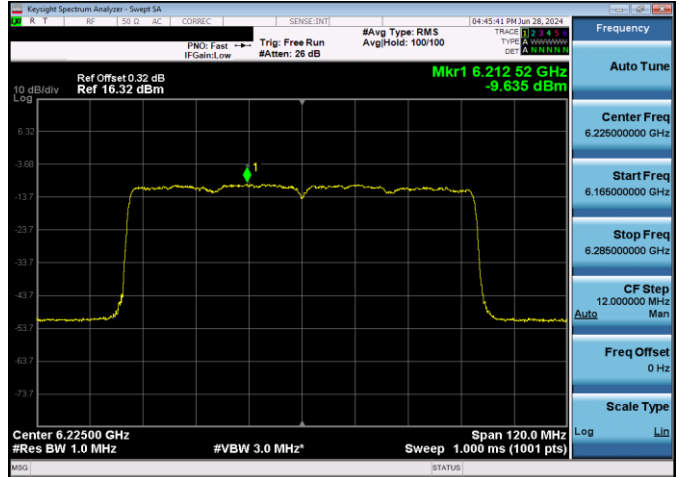


Plot 7-150. Power Spectral Density Plot Antenna WF2 SP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

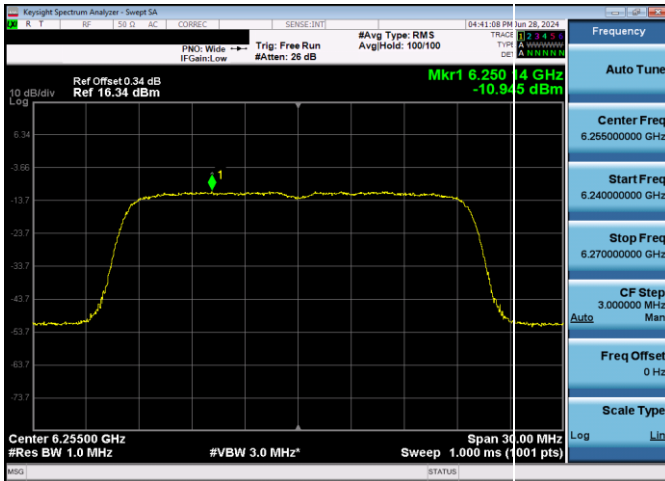
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 73 of 222



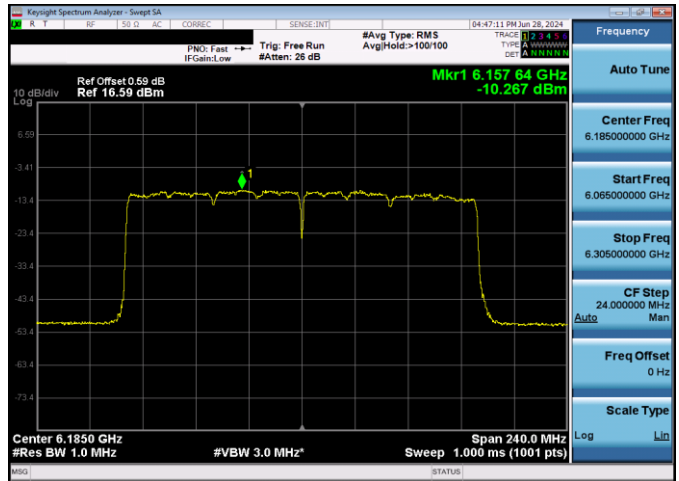
Plot 7-151. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11a (UNII Band 5) – Ch. 61, 54Mbps)



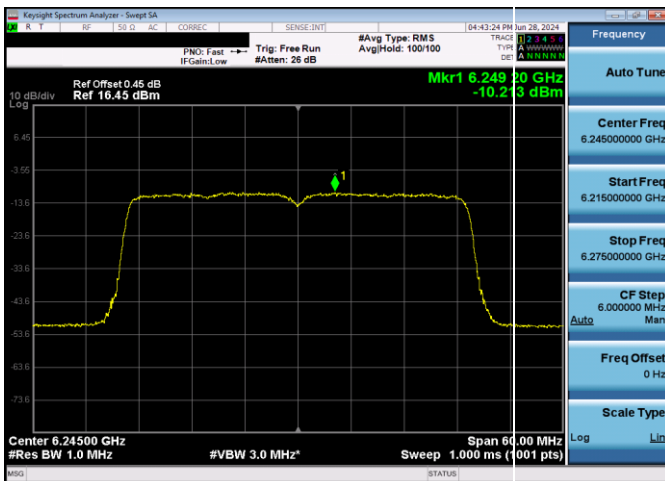
Plot 7-154. Power Spectral Density Plot Antenna WF5T VLP (80MHz 802.11ax (UNII Band 5) – Ch. 55, MCS11)



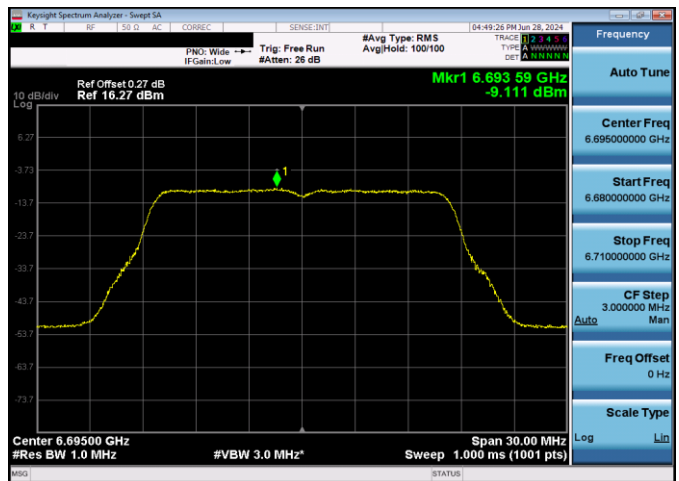
Plot 7-152. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11ax (UNII Band 5) – Ch. 61, MCS11)



Plot 7-155. Power Spectral Density Plot Antenna WF5T VLP (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)

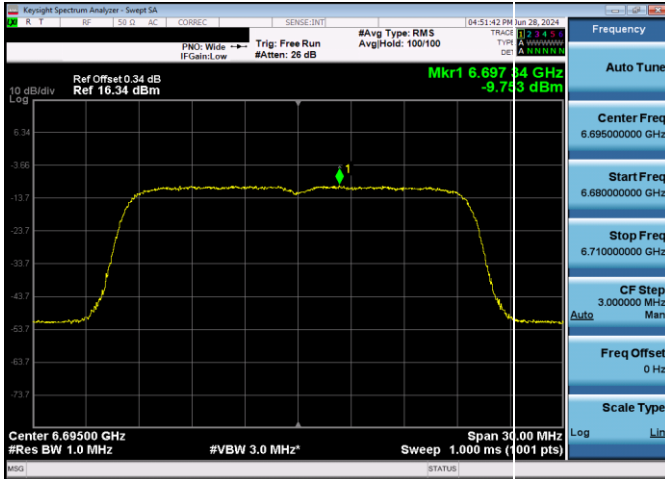


Plot 7-153. Power Spectral Density Plot Antenna WF5T VLP (40MHz 802.11ax (UNII Band 5) – Ch. 59, MCS11)

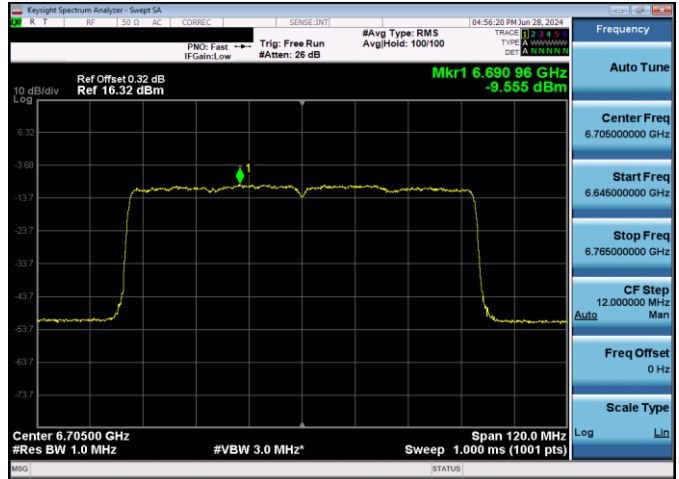


Plot 7-156. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11a (UNII Band 7) – Ch. 149, 54Mbps)

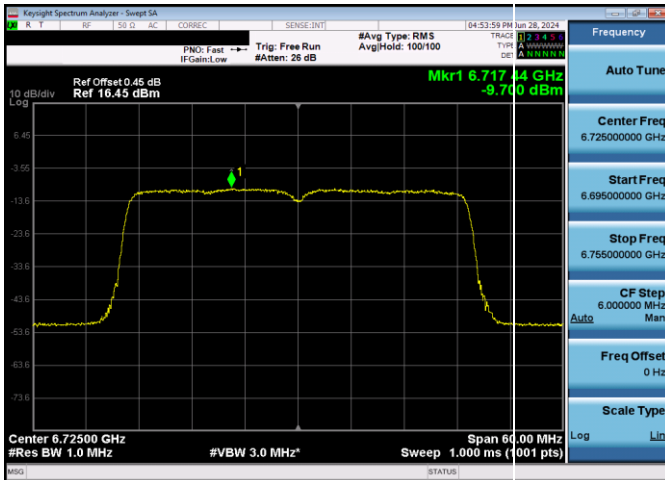
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 74 of 222



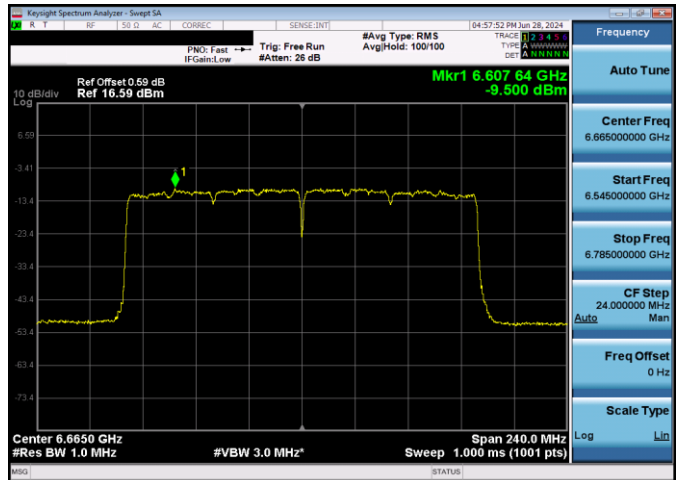
Plot 7-157. Power Spectral Density Plot Antenna WF5T VLP (20MHz 802.11ax (UNII Band 7) – Ch. 149, MCS11)



Plot 7-159. Power Spectral Density Plot Antenna WF5T VLP (80MHz 802.11ax (UNII Band 7) – Ch. 151, MCS11)



Plot 7-158. Power Spectral Density Plot Antenna WF5T VLP (40MHz 802.11ax (UNII Band 7) – Ch. 155, MCS11)



Plot 7-160. Power Spectral Density Plot Antenna WF5T VLP (160MHz 802.11ax (UNII Band 7) – Ch. 143, MCS11)

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 75 of 222

7.4.3 CDD/SDM Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [Mbps]	Antenna WF1 Measured Power Density [dBm/MHz]	Antenna WF2 Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Power Density [dBm/MHz]	Max EIRP Power Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.02	-8.27	-5.14	2.76	-2.38	-1	-1.38
	6175	45	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.65	-8.94	-5.78	2.76	-3.03	-1	-2.03
	6415	93	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.31	-8.58	-5.43	2.76	-2.68	-1	-1.68
	5965	3	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.01	-8.11	-5.05	2.76	-2.29	-1	-1.29
	6165	43	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.90	-8.58	-5.72	2.76	-2.97	-1	-1.97
	6405	91	ax (40MHz)	SDM	540/573.5 (MCS11)	-7.96	-8.12	-5.03	2.76	-2.28	-1	-1.28
	5985	7	ax (80MHz)	SDM	1134/1201 (MCS11)	-7.98	-8.16	-5.06	2.76	-2.30	-1	-1.30
	6145	39	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.77	-8.91	-5.83	2.76	-3.07	-1	-2.07
	6385	87	ax (80MHz)	SDM	1134/1201 (MCS11)	-7.80	-8.23	-5.00	2.76	-2.24	-1	-1.24
	6025	15	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-7.84	-7.89	-4.86	2.76	-2.10	-1	-1.10
Band 6	6185	47	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.99	-8.35	-5.65	2.76	-2.89	-1	-1.89
	6345	79	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-7.77	-9.10	-5.38	2.76	-2.62	-1	-1.62
	6435	97	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.62	-8.62	-5.60	2.48	-3.13	-1	-2.13
	6475	105	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.65	-8.89	-5.75	2.48	-3.28	-1	-2.28
	6515	113	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.20	-8.65	-5.41	2.48	-2.93	-1	-1.93
	6445	99	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.39	-8.08	-5.22	2.48	-2.74	-1	-1.74
	6485	107	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.27	-8.50	-5.37	2.48	-2.90	-1	-1.90
	6525	115	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.52	-8.70	-5.60	2.48	-3.13	-1	-2.13
	6465	103	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.24	-8.27	-5.44	2.48	-2.96	-1	-1.96
	6505	111	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-9.10	-8.92	-6.00	2.48	-3.52	-1	-2.52
Band 7	6535	117	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.51	-8.73	-5.61	2.56	-3.05	-1	-2.05
	6695	149	ax (20MHz)	SDM	270/286.8 (MCS11)	-8.28	-9.31	-5.76	2.56	-3.20	-1	-2.20
	6875	185	ax (20MHz)	SDM	270/286.8 (MCS11)	-9.66	-9.21	-6.42	2.56	-3.86	-1	-2.86
	6565	123	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.48	-8.51	-5.48	2.56	-2.93	-1	-1.93
	6725	155	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.28	-8.44	-5.35	2.56	-2.79	-1	-1.79
	6845	179	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.27	-8.41	-5.33	2.56	-2.77	-1	-1.77
	6545	119	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.38	-8.58	-5.47	2.56	-2.91	-1	-1.91
	6705	151	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.19	-8.26	-5.21	2.56	-2.66	-1	-1.66
	6865	183	ax (80MHz)	SDM	1134/1201 (MCS11)	-8.18	-8.20	-5.18	2.56	-2.63	-1	-1.63
	6665	143	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.24	-8.72	-5.46	2.56	-2.90	-1	-1.90
Band 8	6825	175	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-8.30	-8.58	-5.43	2.56	-2.87	-1	-1.87
	6895	189	ax (20MHz)	SDM	270/286.8 (MCS11)	-7.88	-7.72	-4.79	1.79	-3.00	-1	-2.00
	6995	209	ax (20MHz)	SDM	270/286.8 (MCS11)	-7.87	-7.79	-4.82	1.79	-3.03	-1	-2.03
	7115	233	ax (20MHz)	SDM	270/286.8 (MCS11)	-7.62	-7.80	-4.70	1.79	-2.91	-1	-1.91
	6885	187	ax (40MHz)	SDM	540/573.5 (MCS11)	-8.21	-8.66	-5.42	1.79	-3.63	-1	-2.63
	7005	211	ax (40MHz)	SDM	540/573.5 (MCS11)	-7.77	-7.42	-4.58	1.79	-2.78	-1	-1.78
	7085	227	ax (40MHz)	SDM	540/573.5 (MCS11)	-7.88	-7.40	-4.62	1.79	-2.83	-1	-1.83
	6945	199	ax (80MHz)	SDM	1134/1201 (MCS11)	-7.37	-7.90	-4.62	1.79	-2.83	-1	-1.83
	7025	215	ax (80MHz)	SDM	1134/1201 (MCS11)	-7.52	-7.44	-4.47	1.79	-2.68	-1	-1.68
	6985	207	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-7.47	-7.59	-4.52	1.79	-2.73	-1	-1.73

Table 7-50. Power Spectral Density Measurements SDM LPI

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [MHz]	Antenna WF1 Measured Power Density [dBm/MHz]	Antenna WF2 Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	ax (20MHz)	CDD	270/286.8 (MCS11)	7.64	7.83	10.74	5.74	16.48	17	-0.52
	6175	45	ax (20MHz)	CDD	270/286.8 (MCS11)	7.82	7.84	10.84	5.74	16.58	17	-0.42
	6415	93	ax (20MHz)	CDD	270/286.8 (MCS11)	7.92	7.52	10.73	5.74	16.47	17	-0.53
	5965	3	ax (40MHz)	SDM	540/573.5 (MCS11)	4.89	4.82	7.86	2.76	10.62	17	-6.38
	6165	43	ax (40MHz)	SDM	540/573.5 (MCS11)	5.16	5.15	8.16	2.76	10.92	17	-6.08
	6405	91	ax (40MHz)	SDM	540/573.5 (MCS11)	5.17	5.10	8.15	2.76	10.91	17	-6.09
	5985	7	ax (80MHz)	SDM	1134/1201 (MCS11)	2.04	1.97	5.01	2.76	7.77	17	-9.23
	6145	39	ax (80MHz)	SDM	1134/1201 (MCS11)	2.17	2.19	5.19	2.76	7.94	17	-9.06
	6385	87	ax (80MHz)	SDM	1134/1201 (MCS11)	2.74	2.26	5.51	2.76	8.27	17	-8.73
	6025	15	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-0.50	-0.52	2.50	2.76	5.26	17	-11.74
Band 7	6185	47	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-0.32	-0.09	2.81	2.76	5.56	17	-11.44
	6345	79	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-0.53	-0.76	2.36	2.76	5.12	17	-11.88
	6535	117	ax (20MHz)	CDD	270/286.8 (MCS11)	8.12	8.13	11.13	5.54	16.67	17	-0.33
	6695	149	ax (20MHz)	CDD	270/286.8 (MCS11)	8.05	8.39	11.23	5.54	16.77	17	-0.23
	6855	181	ax (20MHz)	CDD	270/286.8 (MCS11)	8.14	8.27	11.22	5.54	16.76	17	-0.24
	6565	123	ax (40MHz)	SDM	540/573.5 (MCS11)	5.05	5.11	8.09	2.56	10.65	17	-6.35
	6725	155	ax (40MHz)	SDM	540/573.5 (MCS11)	5.34	5.22	8.29	2.56	10.84	17	-6.16
	6845	179	ax (40MHz)	SDM	540/573.5 (MCS11)	5.15	5.45	8.31	2.56	10.87	17	-6.13
	6625	135	ax (80MHz)	SDM	1134/1201 (MCS11)	2.33	2.49	5.42	2.56	7.98	17	-9.02
	6705	151	ax (80MHz)	SDM	1134/1201 (MCS11)	2.61	2.57	5.60	2.56	8.16	17	-8.84
6785	167	ax (80MHz)	SDM	1134/1201 (MCS11)	2.77	2.39	5.60	2.56	8.15	17	-8.85	
6665	143	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-0.44	-0.38	2.60	2.56	5.16	17	-11.84	

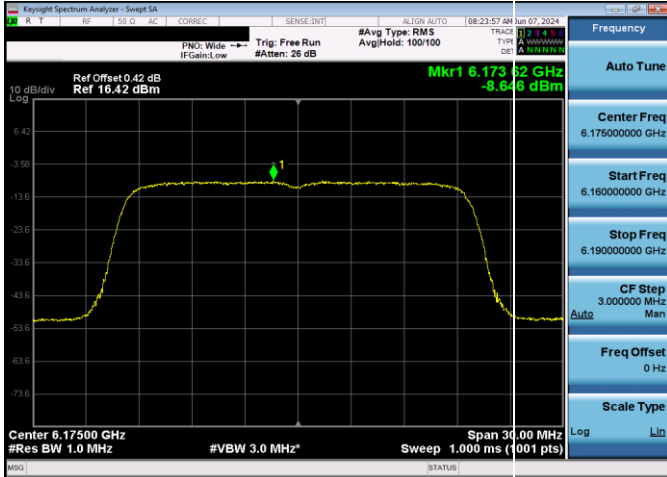
Table 7-51. Power Spectral Density Measurements CDD/SDM SP

FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device		Page 76 of 222

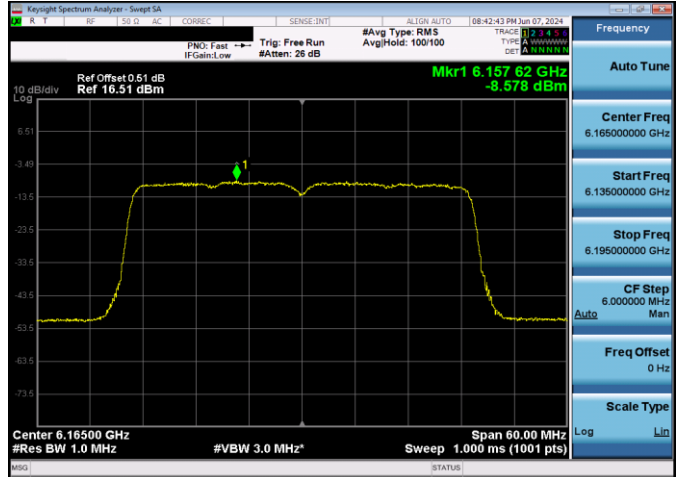
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate [MHz]	Antenna WF5T Measured Power Density [dBm/MHz]	Antenna WF2 Measured Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.49	-12.70	-9.59	2.76	-6.83	-5	-1.83
	6255	61	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.88	-13.72	-10.27	2.76	-7.51	-5	-2.51
	6415	93	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.11	-12.85	-9.45	2.76	-6.70	-5	-1.70
	6125	35	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.48	-12.44	-9.45	2.76	-6.70	-5	-1.70
	6245	59	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.40	-12.61	-9.49	2.76	-6.74	-5	-1.74
	6405	91	ax (40MHz)	SDM	540/573.5 (MCS11)	-11.62	-12.64	-9.09	2.76	-6.33	-5	-1.33
	6145	39	ax (80MHz)	SDM	1134/1201 (MCS11)	-12.33	-12.00	-9.15	2.76	-6.39	-5	-1.39
	6225	55	ax (80MHz)	SDM	1134/1201 (MCS11)	-12.25	-11.69	-8.95	2.76	-6.19	-5	-1.19
	6385	87	ax (80MHz)	SDM	1134/1201 (MCS11)	-11.44	-11.71	-8.56	2.76	-5.81	-5	-0.81
	6185	47	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-12.68	-12.09	-9.37	2.76	-6.61	-5	-1.61
6345	79	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-12.35	-12.78	-9.55	2.76	-6.80	-5	-1.80	
Band 7	6535	117	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.03	-12.56	-9.28	2.56	-6.72	-5	-1.72
	6695	149	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.06	-12.81	-9.40	2.56	-6.85	-5	-1.85
	6855	181	ax (20MHz)	SDM	270/286.8 (MCS11)	-12.94	-12.71	-9.82	2.56	-7.26	-5	-2.26
	6565	123	ax (40MHz)	SDM	540/573.5 (MCS11)	-11.90	-13.11	-9.45	2.56	-6.89	-5	-1.89
	6725	155	ax (40MHz)	SDM	540/573.5 (MCS11)	-11.72	-13.04	-9.32	2.56	-6.76	-5	-1.76
	6845	179	ax (40MHz)	SDM	540/573.5 (MCS11)	-12.56	-13.53	-10.01	2.56	-7.45	-5	-2.45
	6625	135	ax (80MHz)	SDM	1134/1201 (MCS11)	-11.78	-12.04	-8.90	2.56	-6.34	-5	-1.34
	6705	151	ax (80MHz)	SDM	1134/1201 (MCS11)	-12.00	-12.14	-9.06	2.56	-6.51	-5	-1.51
	6785	167	ax (80MHz)	SDM	1134/1201 (MCS11)	-11.73	-12.05	-8.87	2.56	-6.32	-5	-1.32
	6665	143	ax (160MHz)	SDM	2041.7/2402 (MCS11)	-12.05	-11.97	-9.00	2.56	-6.44	-5	-1.44

Table 7-52. Power Spectral Density Measurements SDM VLP

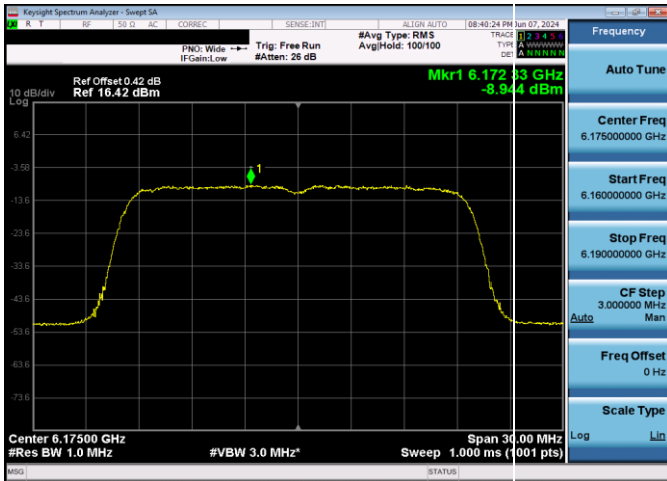
FCC ID: BCGA2993			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device		Page 77 of 222



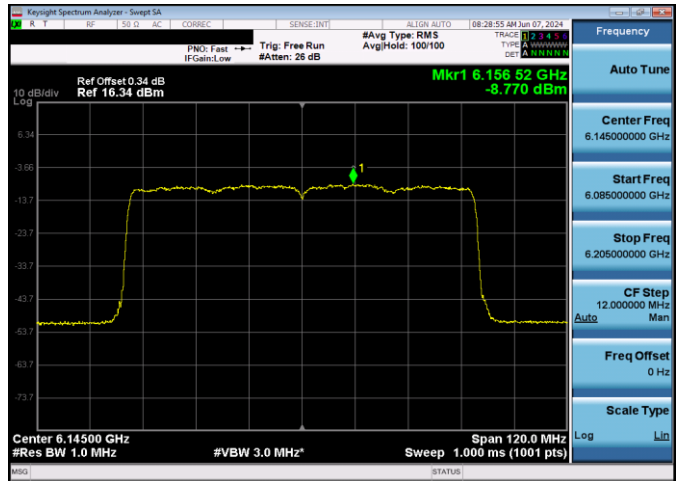
Plot 7-161. Power Spectral Density Plot SDM Antenna WF5T LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



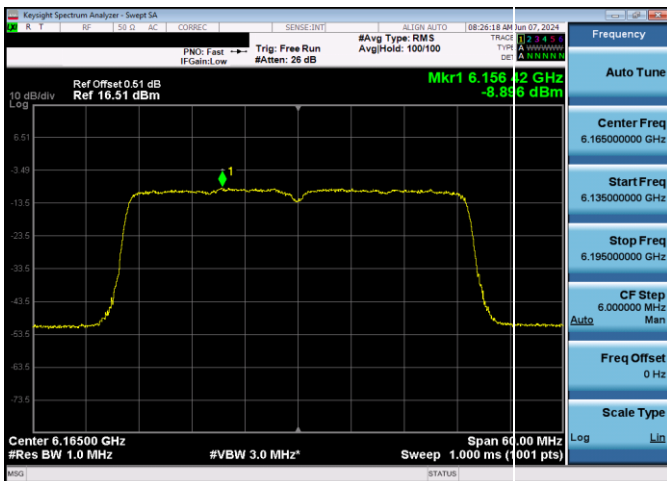
Plot 7-164. Power Spectral Density Plot SDM Antenna WF2 LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)



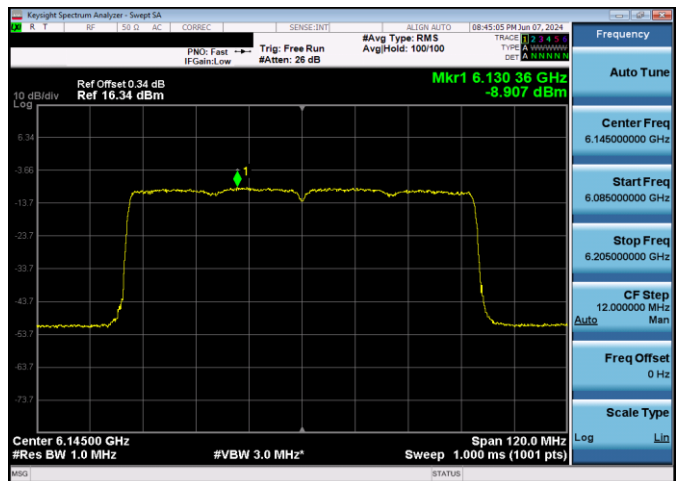
Plot 7-162. Power Spectral Density Plot SDM Antenna WF2 LPI (20MHz 802.11ax (UNII Band 5) – Ch. 45, MCS11)



Plot 7-165. Power Spectral Density Plot SDM Antenna WF5T LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)

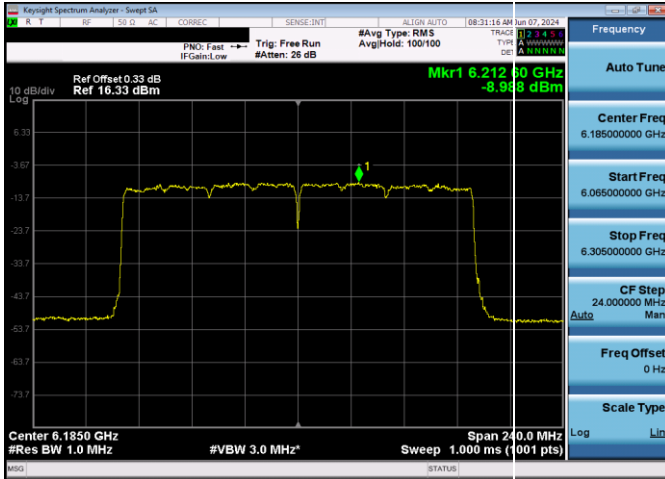


Plot 7-163. Power Spectral Density Plot SDM Antenna WF5T LPI (40MHz 802.11ax (UNII Band 5) – Ch. 43, MCS11)

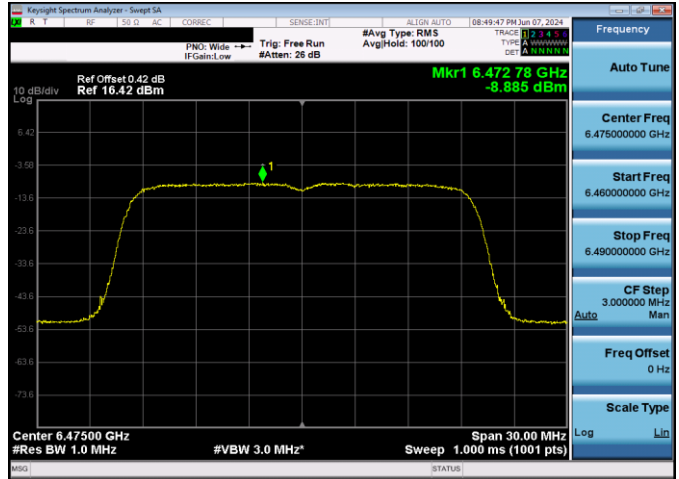


Plot 7-166. Power Spectral Density Plot SDM Antenna WF2 LPI (80MHz 802.11ax (UNII Band 5) – Ch. 39, MCS11)

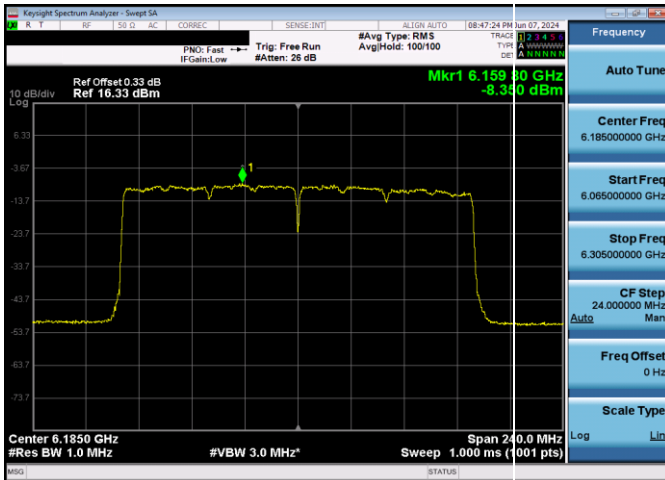
FCC ID: BCGA2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-13-R3.BCG	Test Dates: 5/20/2024 - 10/1/2024	EUT Type: Tablet Device	Page 78 of 222



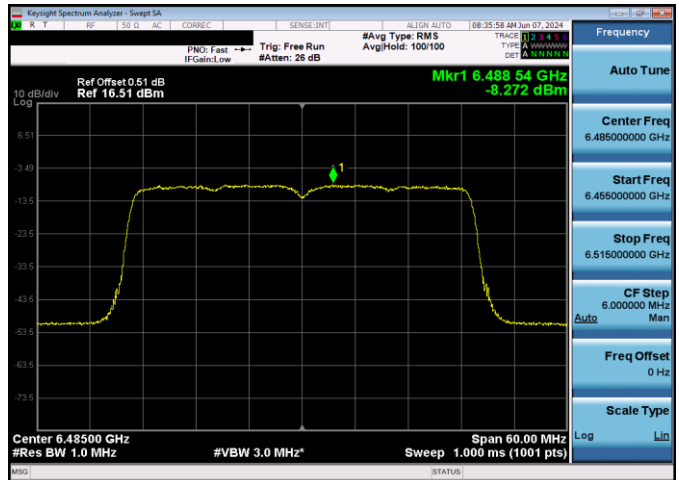
Plot 7-167. Power Spectral Density Plot SDM Antenna WF5T LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



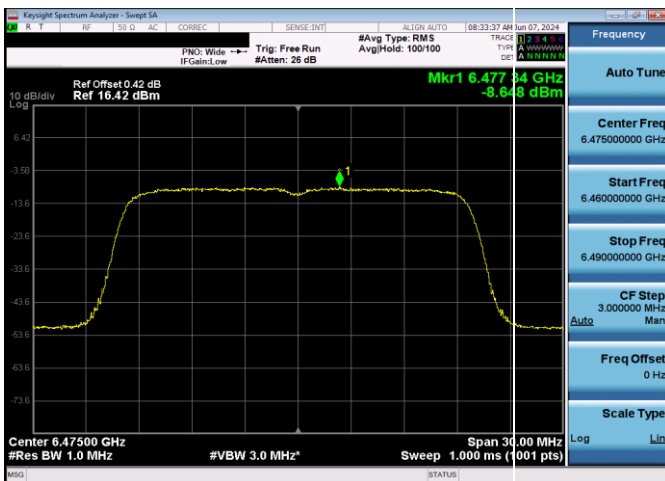
Plot 7-170. Power Spectral Density Plot SDM Antenna WF2 LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



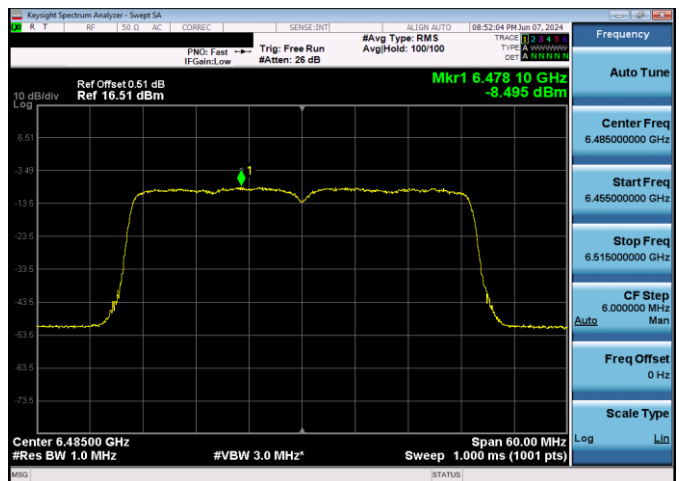
Plot 7-168. Power Spectral Density Plot SDM Antenna WF2 LPI (160MHz 802.11ax (UNII Band 5) – Ch. 47, MCS11)



Plot 7-171. Power Spectral Density Plot SDM Antenna WF5T LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)



Plot 7-169. Power Spectral Density Plot SDM Antenna WF5T LPI (20MHz 802.11ax (UNII Band 6) – Ch. 105, MCS11)



Plot 7-172. Power Spectral Density Plot SDM Antenna WF2 LPI (40MHz 802.11ax (UNII Band 6) – Ch. 107, MCS11)

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