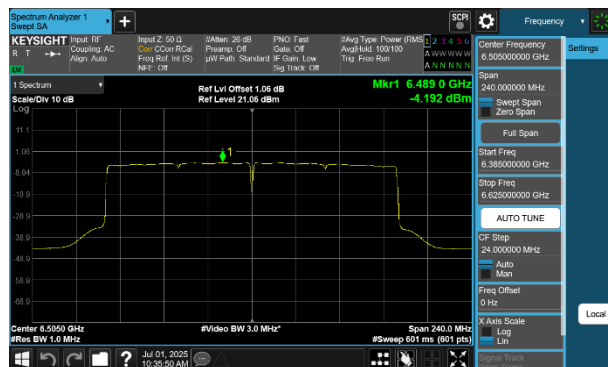
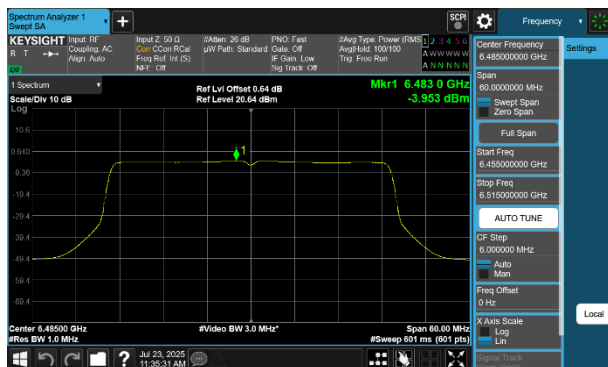
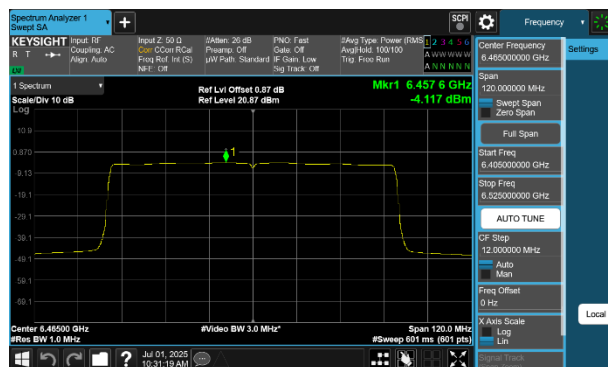
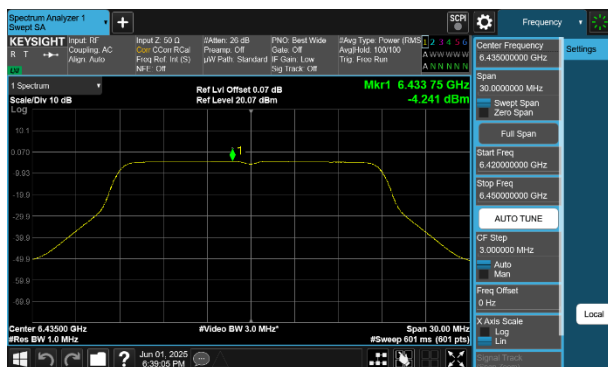
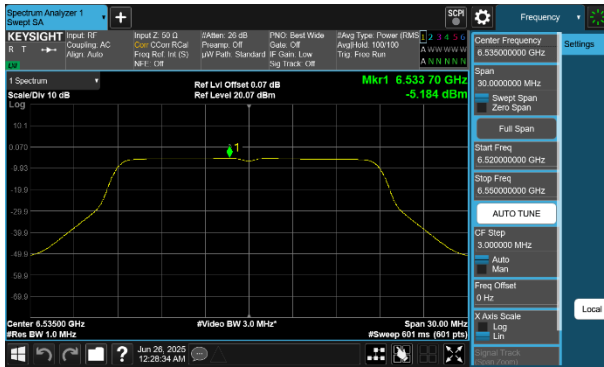
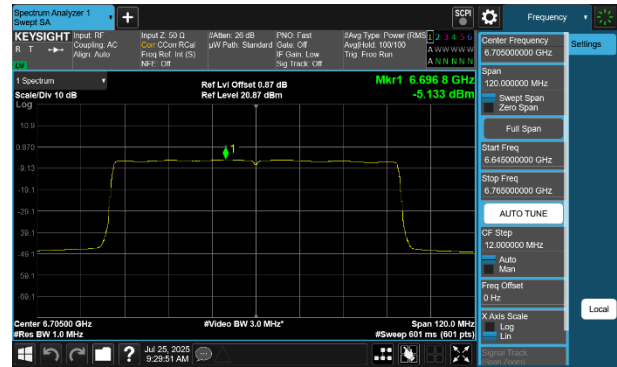




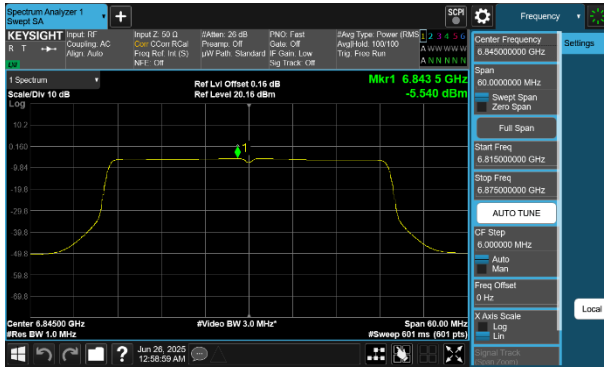
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 85 of 239



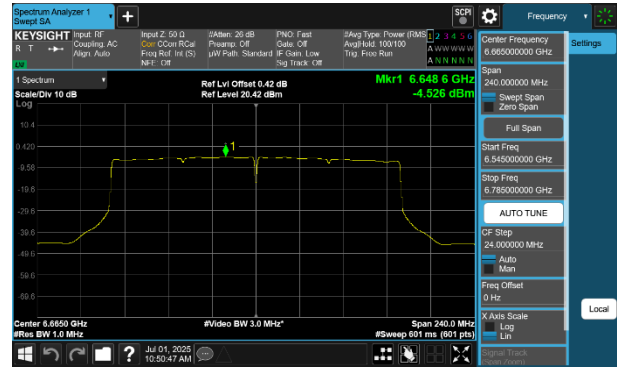
Plot 7-161 PSD Antenna 2a (20MHz BW 802.11a - Ch.117)



Plot 7-163 PSD Antenna 2a (80MHz BW 802.11be(SU) - Ch.151)

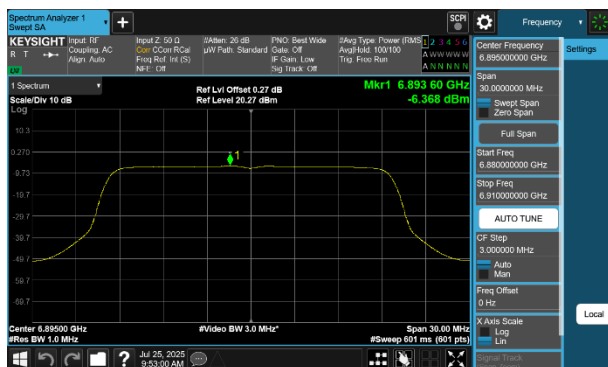


Plot 7-162 PSD Antenna 2a (40MHz BW 802.11be(SU) - Ch.179)

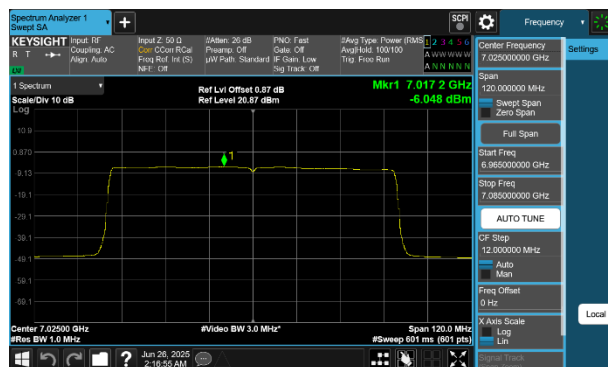


Plot 7-164 PSD Antenna 2a (160MHz BW 802.11be(SU) - Ch.143)

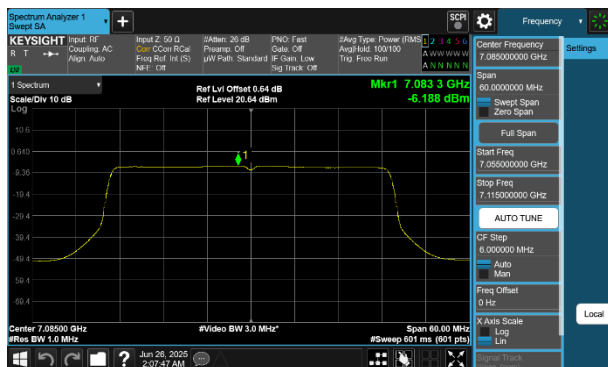
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 86 of 239



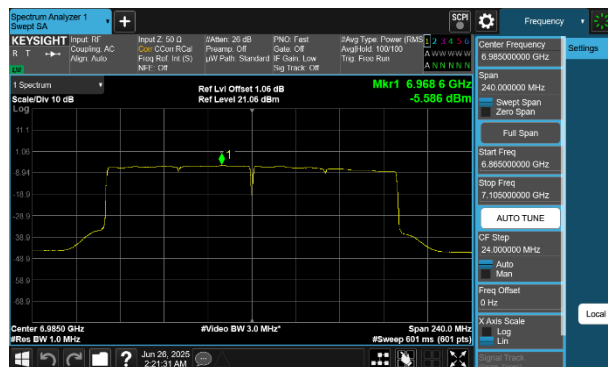
Plot 7-165 PSD Antenna 2a (20MHz BW 802.11be(SU) - Ch.189)



Plot 7-167 PSD Antenna 2a (80MHz BW 802.11be(SU) - Ch.215)



Plot 7-166 PSD Antenna 2a (40MHz BW 802.11be(SU) - Ch.227)



Plot 7-168 PSD Antenna 2a (160MHz BW 802.11be(SU) - Ch.207)

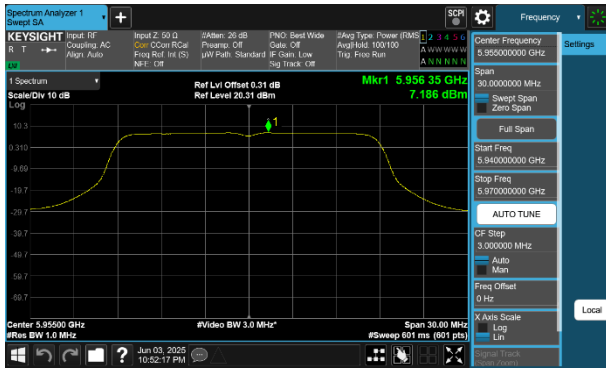
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 87 of 239

7.4.7 CDD Primary Power Spectral Density Measurements – SP

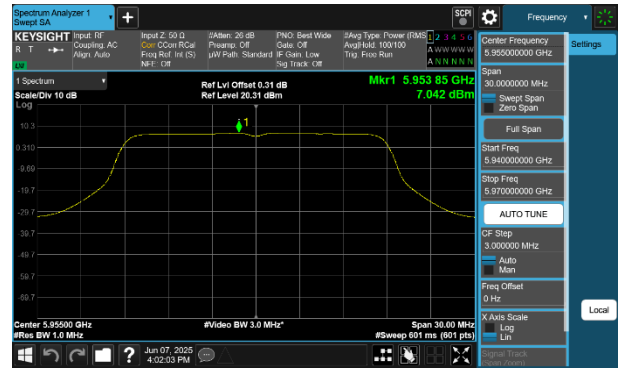
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna WF5B Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed CDD Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	CDD	36Mbps	7.19	7.04	10.12	4.46	14.59	17	-2.41
	6175	45	a	CDD	36Mbps	7.00	7.26	10.14	4.42	14.56	17	-2.44
	6415	93	a	CDD	36Mbps	7.01	6.71	9.87	3.92	13.79	17	-3.21
	5955	1	be (20MHz)	CDD	MCS3	6.71	7.02	9.88	4.46	14.34	17	-2.66
	6175	45	be (20MHz)	CDD	MCS5	6.98	7.10	10.05	4.42	14.47	17	-2.53
	6415	93	be (20MHz)	CDD	MCS3	7.04	6.71	9.89	3.92	13.81	17	-3.19
	5965	3	be (40MHz)	CDD	MCS5	3.72	3.56	6.66	4.46	11.12	17	-5.88
	6165	43	be (40MHz)	CDD	MCS5	3.46	3.57	6.52	4.42	10.94	17	-6.06
	6405	91	be (40MHz)	CDD	MCS5	3.98	3.24	6.64	3.92	10.56	17	-6.44
	5985	7	be (80MHz)	CDD	MCS5	1.08	0.58	3.85	4.46	8.31	17	-8.69
	6145	39	be (80MHz)	CDD	MCS5	1.03	0.97	4.01	4.42	8.43	17	-8.57
	6385	87	be (80MHz)	CDD	MCS5	1.25	0.39	3.85	3.92	7.77	17	-9.23
	6025	15	be (160MHz)	CDD	MCS3	-2.02	-1.69	1.16	4.46	5.62	17	-11.38
	6185	47	be (160MHz)	CDD	MCS5	-1.86	-1.65	1.25	4.42	5.67	17	-11.33
	6345	79	be (160MHz)	CDD	MCS3	-1.81	-1.92	1.15	3.92	5.07	17	-11.93
Band 6	6435	97	a	CDD	36Mbps	5.83	5.30	8.58	4.42	13.00	17	-4.00
	6475	105	a	CDD	36Mbps	5.92	4.96	8.47	4.42	12.89	17	-4.11
	6515	113	a	CDD	36Mbps	5.76	4.99	8.40	4.42	12.82	17	-4.18
	6435	97	be (20MHz)	CDD	MCS5	5.60	5.12	8.38	4.42	12.79	17	-4.21
	6475	105	be (20MHz)	CDD	MCS5	5.70	4.73	8.25	4.42	12.66	17	-4.34
	6515	113	be (20MHz)	CDD	MCS5	5.53	4.74	8.16	4.42	12.58	17	-4.42
	6445	99	be (40MHz)	CDD	MCS5	2.62	2.32	5.48	4.42	9.90	17	-7.10
	6485	107	be (40MHz)	CDD	MCS5	2.62	2.14	5.39	4.42	9.81	17	-7.19
	6525	115	be (40MHz)	CDD	MCS5	2.18	2.59	5.40	4.42	9.81	17	-7.19
	6465	103	be (80MHz)	CDD	MCS5	-0.29	-0.41	2.66	4.42	7.07	17	-9.93
	6505	111	be (160MHz)	CDD	MCS5	-2.92	-3.13	-0.01	4.42	4.40	17	-12.60
	6535	117	a	CDD	36Mbps	5.84	5.17	8.53	5.46	13.99	17	-3.01
Band 7	6695	149	a	CDD	36Mbps	5.87	5.73	8.81	5.46	14.27	17	-2.73
	6855	181	a	CDD	36Mbps	5.72	5.26	8.50	5.46	13.96	17	-3.04
	6535	117	be (20MHz)	CDD	MCS5	5.38	5.28	8.34	5.46	13.80	17	-3.20
	6695	149	be (20MHz)	CDD	MCS3	5.40	5.48	8.45	5.46	13.91	17	-3.09
	6855	181	be (20MHz)	CDD	MCS3	5.72	5.23	8.49	5.46	13.95	17	-3.05
	6725	155	be (40MHz)	CDD	MCS5	2.63	2.43	5.54	5.46	11.00	17	-6.00
	6845	179	be (40MHz)	CDD	MCS5	3.10	2.36	5.76	5.46	11.22	17	-5.78
	6545	119	be (80MHz)	CDD	MCS5	-0.10	-0.18	2.87	5.46	8.33	17	-8.67
	6705	151	be (80MHz)	CDD	MCS5	0.31	0.03	3.18	5.46	8.64	17	-8.36
	6785	167	be (80MHz)	CDD	MCS5	-0.07	-0.04	2.95	5.46	8.42	17	-8.58
	6665	143	be (160MHz)	CDD	MCS3	-2.60	-2.62	0.40	5.46	5.86	17	-11.14

Table 7-64. Power Spectral Density Measurements CDD Primary

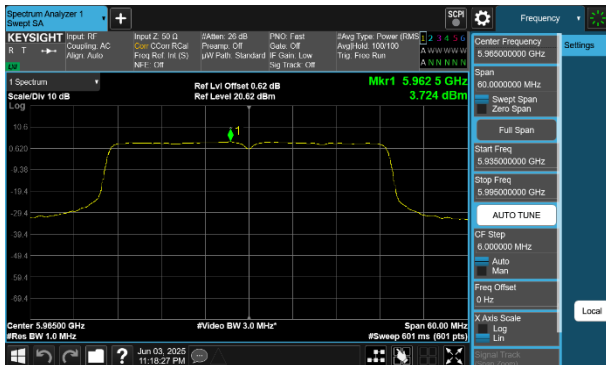
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 88 of 239



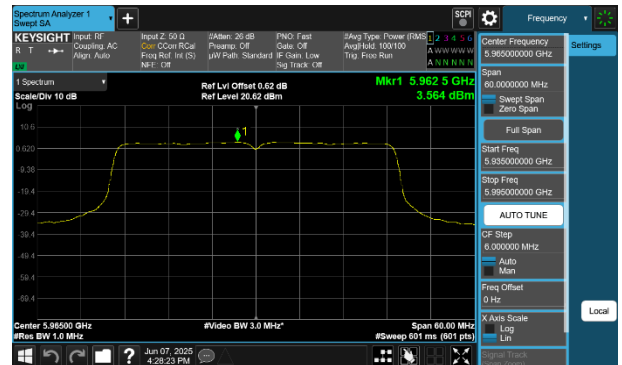
Plot 7-169 PSD CDD Primary Antenna WF5B (20MHz BW 802.11a - Ch.1)



Plot 7-173 PSD CDD Primary Antenna 4a (20MHz BW 802.11a - Ch.1)



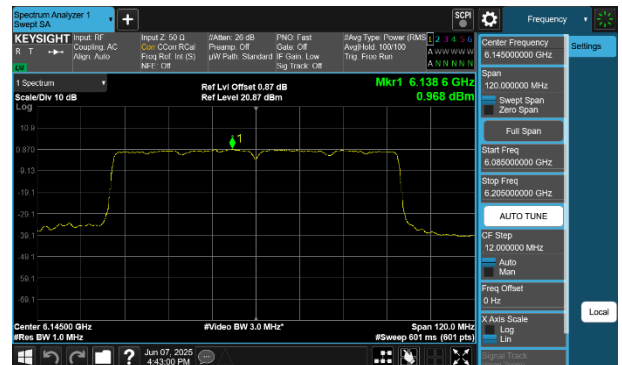
Plot 7-170 PSD CDD Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.3)



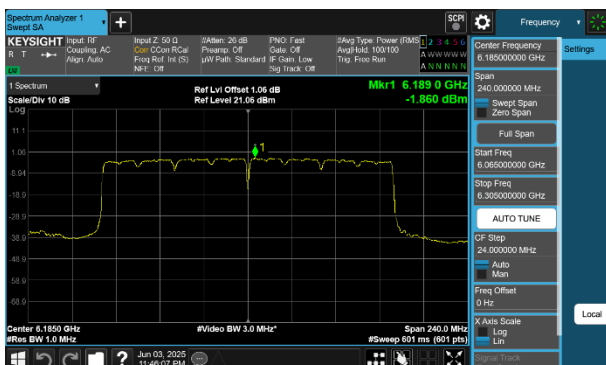
Plot 7-174 PSD CDD Primary Antenna 4a (40MHz BW 802.11be(SU) - Ch.3)



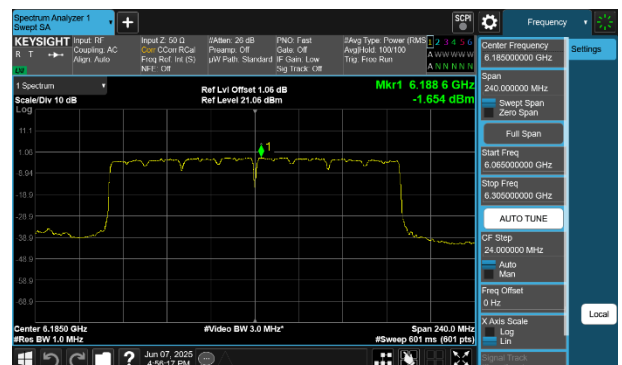
Plot 7-171 PSD CDD Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.39)



Plot 7-175 PSD CDD Primary Antenna 4a (80MHz BW 802.11be(SU) - Ch.39)

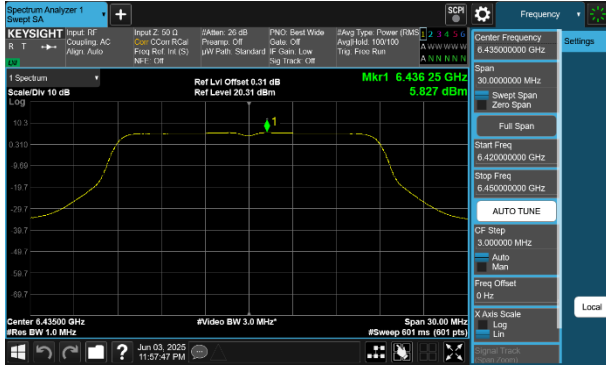


Plot 7-172 PSD CDD Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.47)

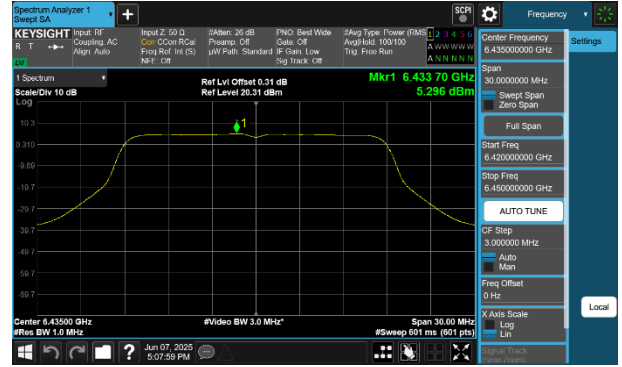


Plot 7-176 PSD CDD Primary Antenna 4a (160MHz BW 802.11be(SU) - Ch.47)

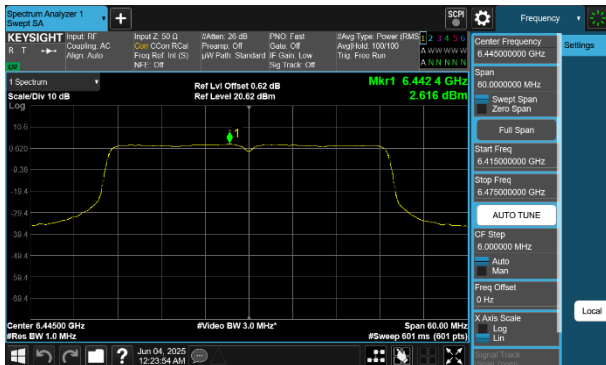
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 89 of 239



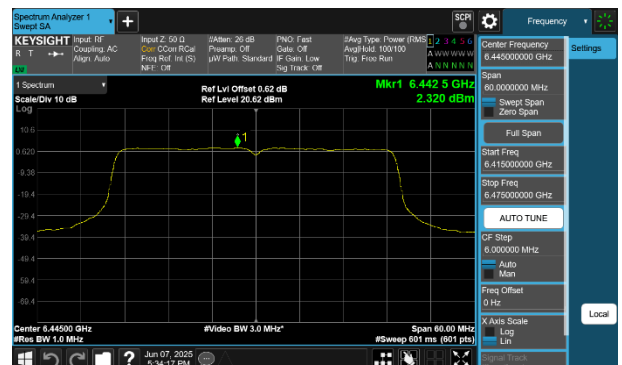
Plot 7-177 PSD CDD Primary Antenna WF5B (20MHz BW 802.11a - Ch.97)



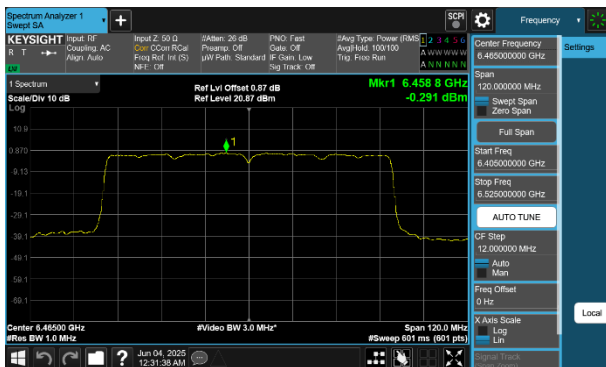
Plot 7-181 PSD CDD Primary Antenna 4a (20MHz BW 802.11a - Ch.97)



Plot 7-178 PSD CDD Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.99)



Plot 7-182 PSD CDD Primary Antenna 4a (40MHz BW 802.11be(SU) - Ch.99)



Plot 7-179 PSD CDD Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.103)



Plot 7-183 PSD CDD Primary Antenna 4a (80MHz BW 802.11be(SU) - Ch.103)

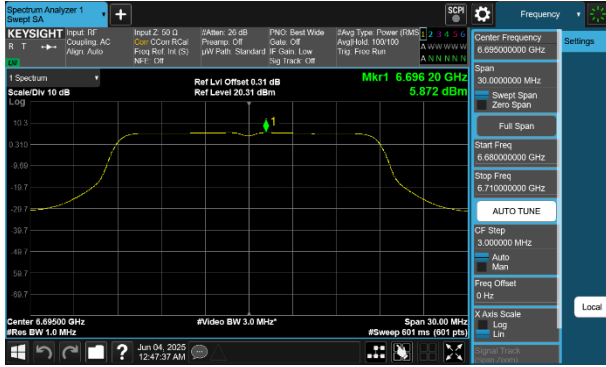


Plot 7-180 PSD CDD Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.111)

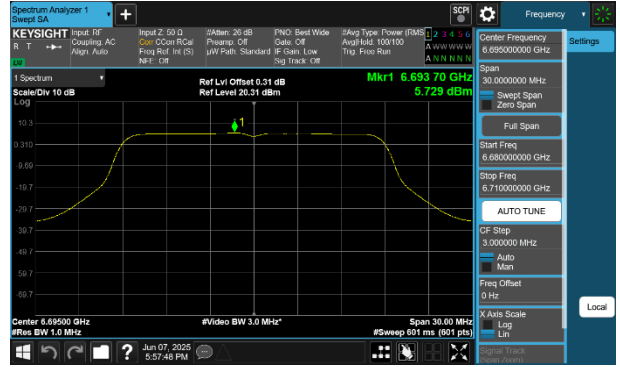


Plot 7-184 PSD CDD Primary Antenna 4a (160MHz BW 802.11be(SU) - Ch.111)

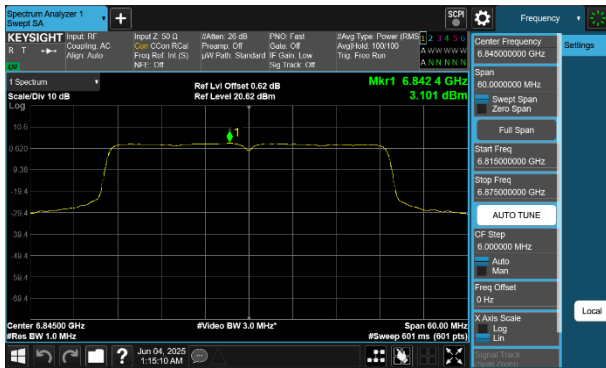
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG			
Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 90 of 239	



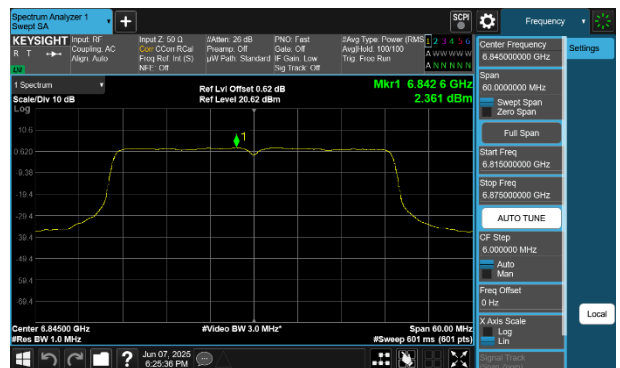
Plot 7-185 PSD CDD Primary Antenna WF5B (20MHz BW 802.11a - Ch.149)



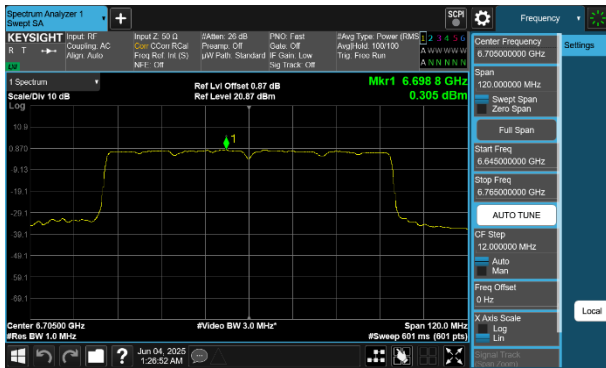
Plot 7-189 PSD CDD Primary Antenna 4a (20MHz BW 802.11a - Ch.149)



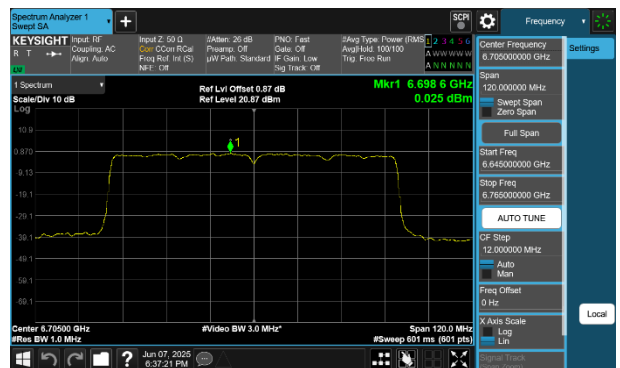
Plot 7-186 PSD CDD Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.179)



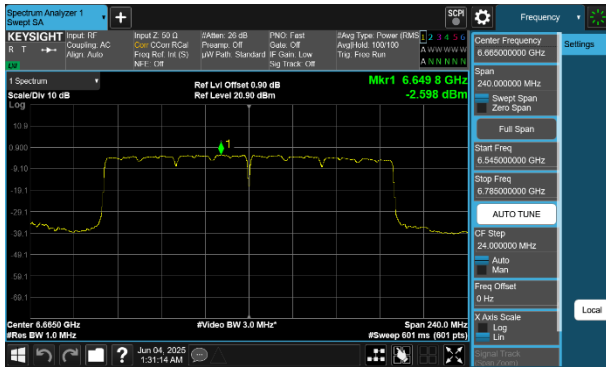
Plot 7-190 PSD CDD Primary Antenna 4a (40MHz BW 802.11be(SU) - Ch.179)



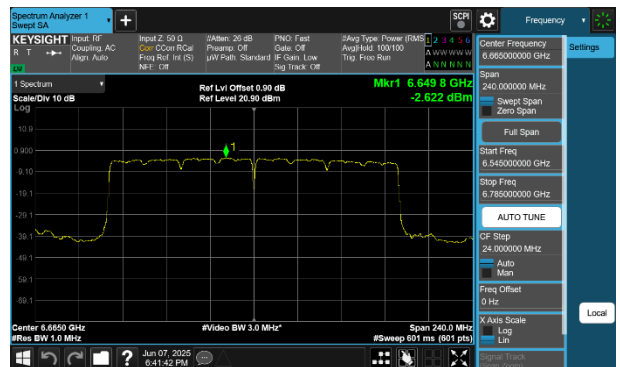
Plot 7-187 PSD CDD Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.151)



Plot 7-191 PSD CDD Primary Antenna 4a (80MHz BW 802.11be(SU) - Ch.151)



Plot 7-188 PSD CDD Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.143)



Plot 7-192 PSD CDD Primary Antenna 4a (160MHz BW 802.11be(SU) - Ch.143)

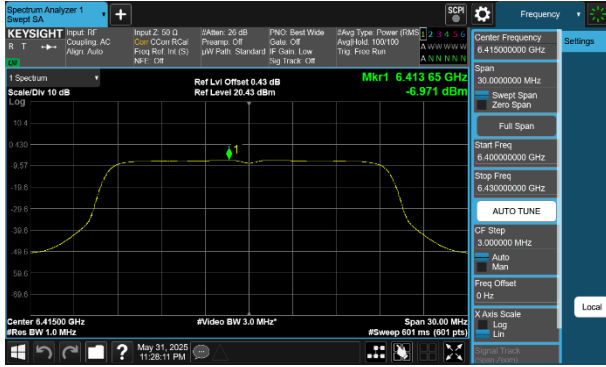
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 91 of 239

7.4.8 CDD/SDM Primary Power Spectral Density Measurements – LPI

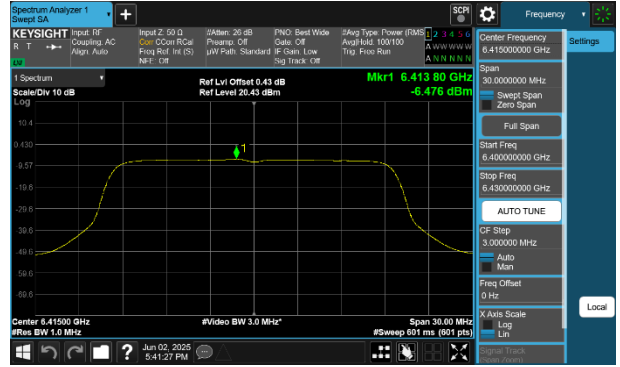
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna WF5B Measured Power Density [dBm/MHz]	Antenna 4a Measured Power Density [dBm/MHz]	Summed CDD/SDM Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	CDD	6Mbps	-11.07	-10.95	-8.00	4.46	-3.54	-1	-2.54
	6175	45	a	CDD	36Mbps	-11.18	-10.65	-7.90	4.42	-3.48	-1	-2.48
	6415	93	a	CDD	36Mbps	-9.97	-9.50	-6.72	3.92	-2.80	-1	-1.80
	5955	1	be (20MHz)	SDM	MCS5	-8.18	-10.08	-6.02	1.45	-4.56	-1	-3.56
	6175	45	be (20MHz)	SDM	MCS5	-7.65	-7.29	-4.45	1.42	-3.03	-1	-2.03
	6415	93	be (20MHz)	SDM	MCS5	-6.97	-6.48	-3.71	0.92	-2.79	-1	-1.79
	5965	3	be (40MHz)	SDM	MCS5	-7.76	-9.57	-5.56	1.45	-4.11	-1	-3.11
	6165	43	be (40MHz)	SDM	MCS5	-8.01	-7.30	-4.63	1.42	-3.21	-1	-2.21
	6405	91	be (40MHz)	SDM	MCS5	-5.72	-7.50	-3.51	0.92	-2.59	-1	-1.59
	5985	7	be (80MHz)	SDM	MCS5	-7.75	-9.04	-5.34	1.45	-3.88	-1	-2.88
	6145	39	be (80MHz)	SDM	MCS5	-6.26	-8.10	-4.07	1.42	-2.65	-1	-1.65
	6385	87	be (80MHz)	SDM	MCS5	-6.62	-5.96	-3.27	0.92	-2.35	-1	-1.35
	6025	15	be (160MHz)	SDM	MCS0	-7.04	-8.63	-4.75	1.45	-3.30	-1	-2.30
	6185	47	be (160MHz)	SDM	MCS3	-6.53	-8.61	-4.43	1.42	-3.02	-1	-2.02
	6345	79	be (160MHz)	SDM	MCS3	-6.61	-6.11	-3.34	0.92	-2.43	-1	-1.43
Band 6	6435	97	a	CDD	6Mbps	-10.56	-10.49	-7.51	4.42	-3.10	-1	-2.10
	6475	105	a	CDD	12Mbps	-10.48	-11.08	-7.76	4.42	-3.34	-1	-2.34
	6515	113	a	CDD	12Mbps	-11.09	-11.40	-8.23	4.42	-3.82	-1	-2.82
	6435	97	be (20MHz)	SDM	MCS3	-7.95	-7.81	-4.87	1.41	-3.46	-1	-2.46
	6475	105	be (20MHz)	SDM	MCS3	-7.96	-8.06	-5.00	1.41	-3.59	-1	-2.59
	6515	113	be (20MHz)	SDM	MCS3	-7.97	-8.09	-5.02	1.41	-3.61	-1	-2.61
	6445	99	be (40MHz)	SDM	MCS5	-7.78	-7.58	-4.67	1.41	-3.26	-1	-2.26
	6485	107	be (40MHz)	SDM	MCS5	-7.78	-7.80	-4.78	1.41	-3.37	-1	-2.37
	6525	115	be (40MHz)	SDM	MCS5	-8.72	-8.08	-5.38	1.41	-3.97	-1	-2.97
	6465	103	be (80MHz)	SDM	MCS0	-7.22	-7.01	-4.10	1.41	-2.69	-1	-1.69
	6505	111	be (80MHz)	SDM	MCS5	-8.49	-8.76	-5.61	1.41	-4.20	-1	-3.20
	6535	117	a	CDD	6Mbps	-11.90	-11.47	-8.67	5.46	-3.21	-1	-2.21
	6695	149	a	CDD	36Mbps	-11.86	-11.13	-8.47	5.46	-3.01	-1	-2.01
	6875	185	a	CDD	36Mbps	-12.22	-10.92	-8.51	5.46	-3.05	-1	-2.05
	6535	117	be (20MHz)	SDM	MCS5	-8.66	-9.63	-6.11	2.45	-3.66	-1	-2.66
Band 7	6695	149	be (20MHz)	SDM	MCS5	-8.58	-8.96	-5.75	2.45	-3.30	-1	-2.30
	6875	185	be (20MHz)	SDM	MCS0	-8.46	-8.65	-5.54	2.45	-3.09	-1	-2.09
	6725	155	be (40MHz)	SDM	MCS3	-8.60	-8.69	-5.63	2.45	-3.18	-1	-2.18
	6845	179	be (40MHz)	SDM	MCS5	-8.36	-8.57	-5.45	2.45	-3.00	-1	-2.00
	6545	119	be (80MHz)	SDM	MCS5	-7.79	-8.65	-5.19	2.45	-2.73	-1	-1.73
	6705	151	be (80MHz)	SDM	MCS5	-7.76	-8.39	-5.05	2.45	-2.60	-1	-1.60
	6865	183	be (80MHz)	SDM	MCS5	-7.91	-8.51	-5.19	2.45	-2.73	-1	-1.73
	6665	143	be (160MHz)	SDM	MCS5	-5.89	-9.03	-4.17	2.45	-1.72	-1	-0.72
	6825	175	be (160MHz)	SDM	MCS5	-7.54	-9.14	-5.26	2.45	-2.81	-1	-1.81
	6895	189	a	CDD	6Mbps	-11.92	-10.87	-8.35	4.74	-3.61	-1	-2.61
	6995	209	a	CDD	36Mbps	-11.38	-10.65	-7.99	4.74	-3.25	-1	-2.25
	7115	233	a	CDD	36Mbps	-12.53	-11.53	-8.99	4.74	-4.25	-1	-3.25
	6895	189	be (20MHz)	SDM	MCS5	-7.99	-8.31	-5.14	1.95	-3.19	-1	-2.19
	6995	209	be (20MHz)	SDM	MCS5	-7.07	-8.54	-4.73	1.95	-2.79	-1	-1.79
	7115	233	be (20MHz)	SDM	MCS5	-8.43	-9.01	-5.70	1.95	-3.76	-1	-2.76
Band 8	6885	187	be (40MHz)	SDM	MCS5	-8.69	-8.98	-5.82	1.95	-3.88	-1	-2.88
	7005	211	be (40MHz)	SDM	MCS5	-8.67	-7.19	-4.86	1.95	-2.91	-1	-1.91
	7085	227	be (40MHz)	SDM	MCS5	-8.39	-7.09	-4.68	1.95	-2.74	-1	-1.74
	6945	199	be (80MHz)	SDM	MCS5	-6.69	-7.44	-4.04	1.95	-2.10	-1	-1.10
	7025	215	be (80MHz)	SDM	MCS5	-6.68	-7.70	-4.15	1.95	-2.21	-1	-1.21
	6985	207	be (160MHz)	SDM	MCS5	-7.73	-6.27	-3.93	1.95	-1.98	-1	-0.98

Table 7-65. Power Spectral Density Measurements CDD/SDM Primary

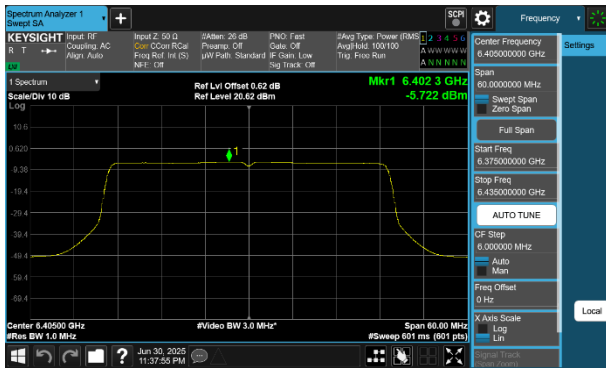
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 92 of 239



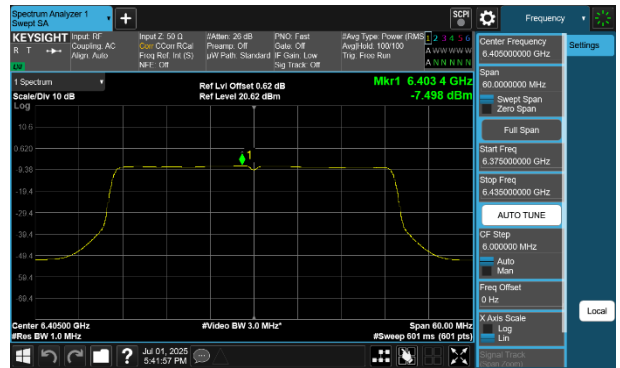
Plot 7-193 PSD SDM Primary Antenna WF5B (20MHz BW 802.11be(SU) - Ch.93)



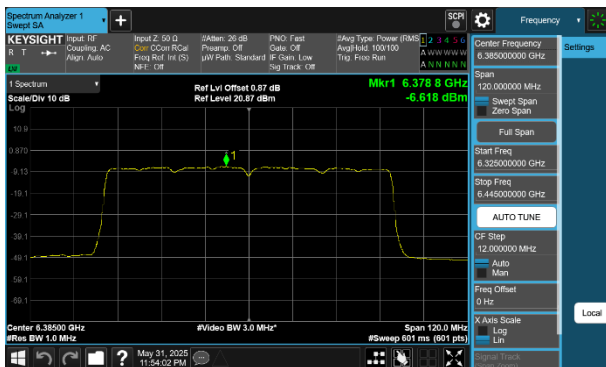
Plot 7-197 PSD SDM Primary Antenna 4a (20MHz BW 802.11be(SU) - Ch.93)



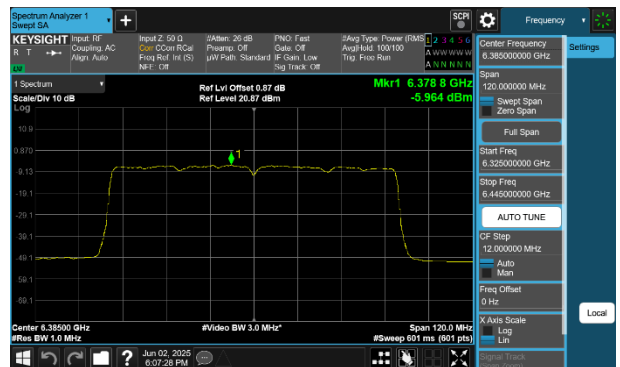
Plot 7-194 PSD SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.91)



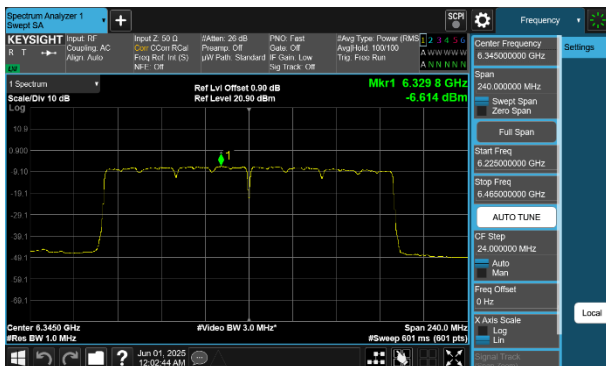
Plot 7-198 PSD SDM Primary Antenna 4a (40MHz BW 802.11be(SU) - Ch.91)



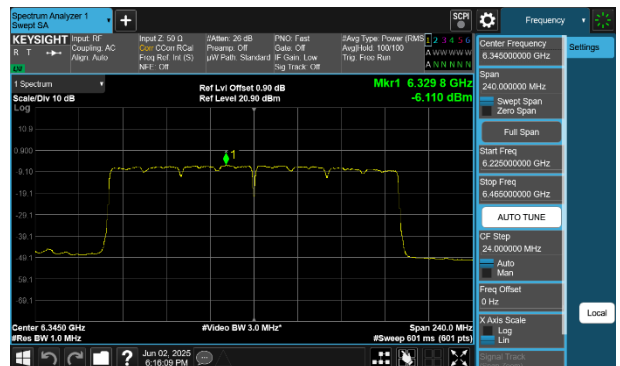
Plot 7-195 PSD SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.87)



Plot 7-199 PSD SDM Primary Antenna 4a (80MHz BW 802.11be(SU) - Ch.87)

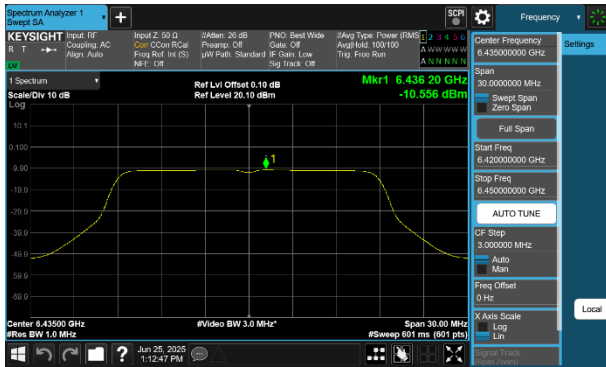


Plot 7-196 PSD SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.79)

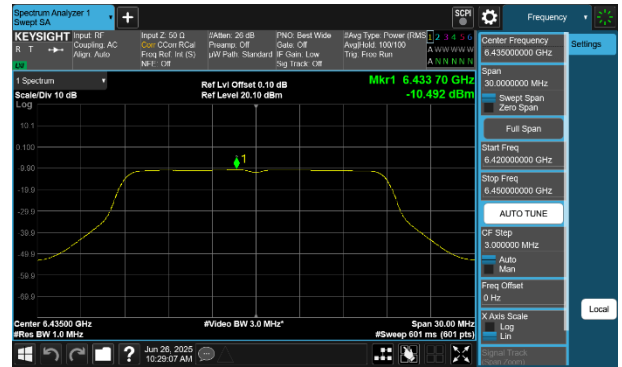


Plot 7-200 PSD SDM Primary Antenna 4a (160MHz BW 802.11be(SU) - Ch.79)

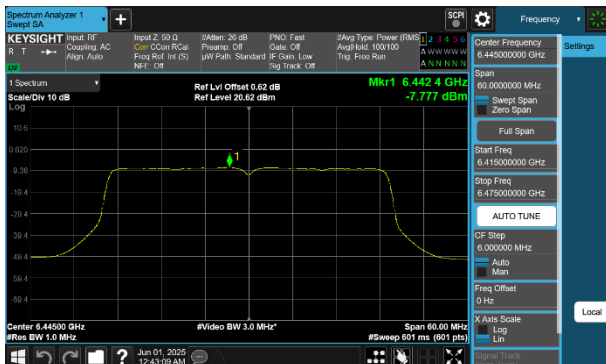
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 93 of 239



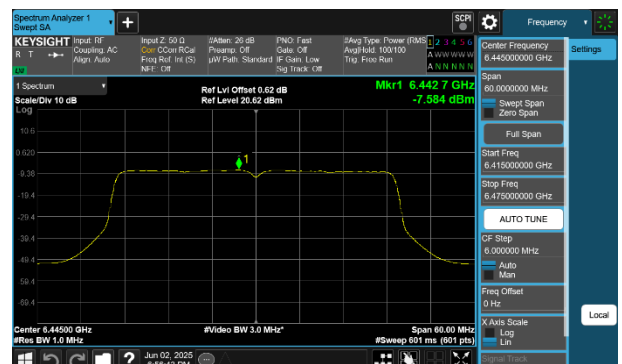
Plot 7-201 PSD CDD Primary Antenna WF5B (20MHz BW 802.11a - Ch.97)



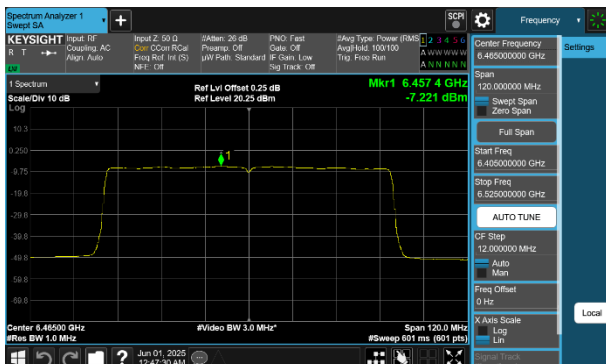
Plot 7-205 PSD CDD Primary Antenna 4a (20MHz BW 802.11a - Ch.97)



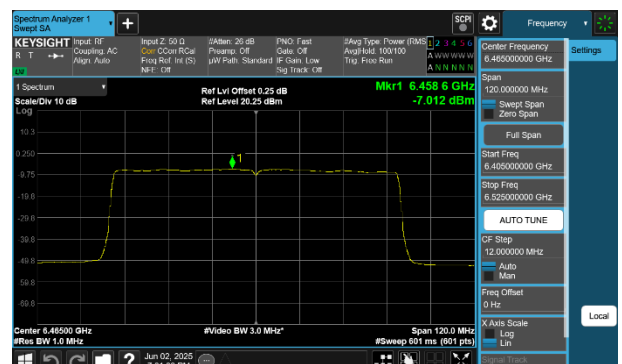
Plot 7-202 PSD SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.99)



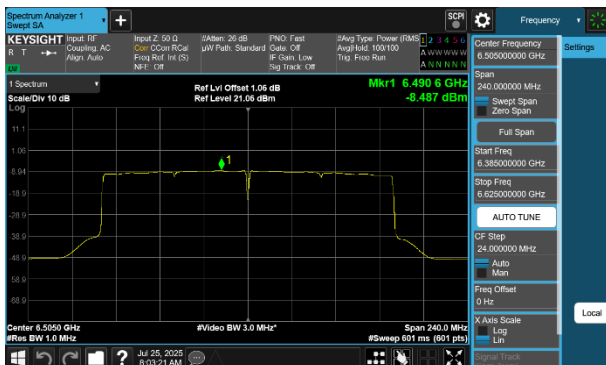
Plot 7-206 PSD SDM Primary Antenna 4a (40MHz BW 802.11be(SU) - Ch.99)



Plot 7-203 PSD SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.103)



Plot 7-207 PSD SDM Primary Antenna 4a (80MHz BW 802.11be(SU) - Ch.103)

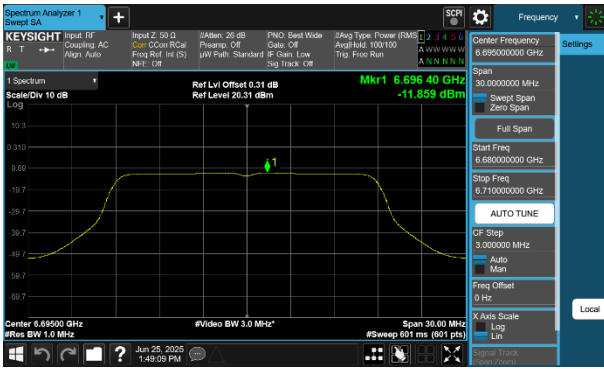


Plot 7-204 PSD SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.111)

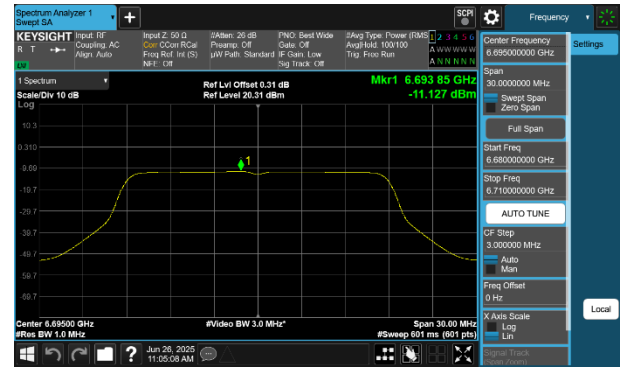


Plot 7-208 PSD SDM Primary Antenna 4a (160MHz BW 802.11be(SU) - Ch.111)

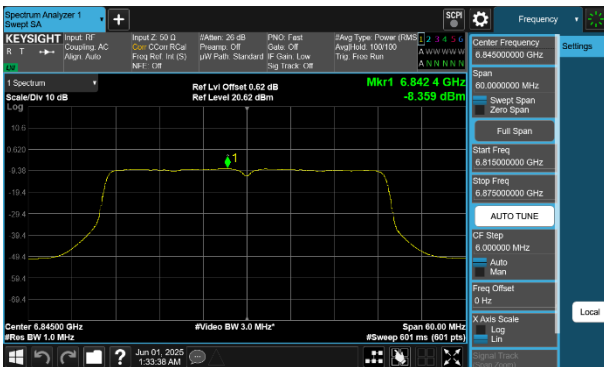
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 94 of 239



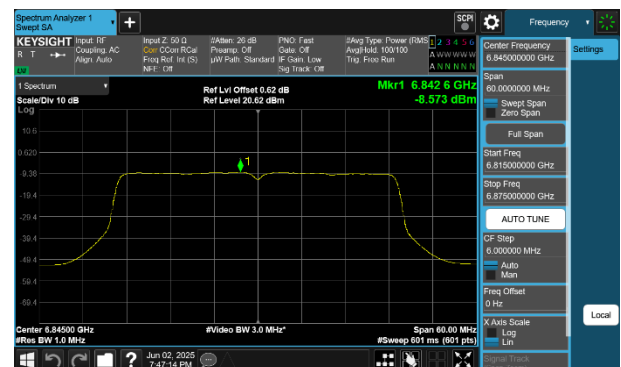
Plot 7-209 PSD CDD Primary Antenna WF5B (20MHz BW 802.11a - Ch.149)



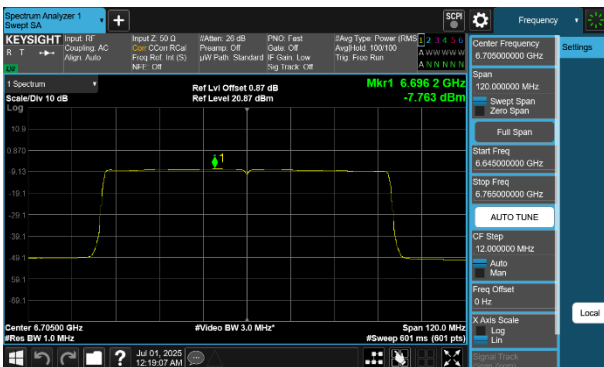
Plot 7-213 PSD CDD Primary Antenna 4a (20MHz BW 802.11a - Ch.149)



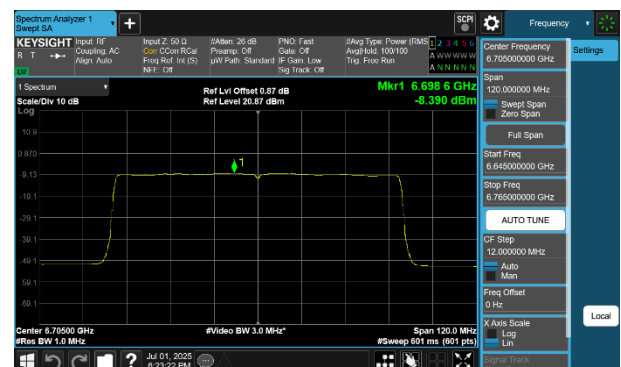
Plot 7-210 PSD SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.179)



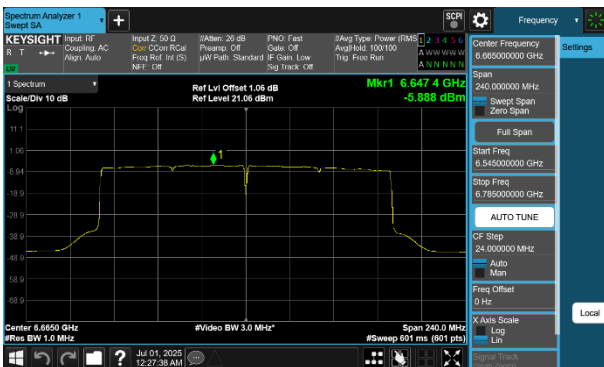
Plot 7-214 PSD SDM Primary Antenna 4a (40MHz BW 802.11be(SU) - Ch.179)



Plot 7-211 PSD SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.151)



Plot 7-215 PSD SDM Primary Antenna 4a (80MHz BW 802.11be(SU) - Ch.151)

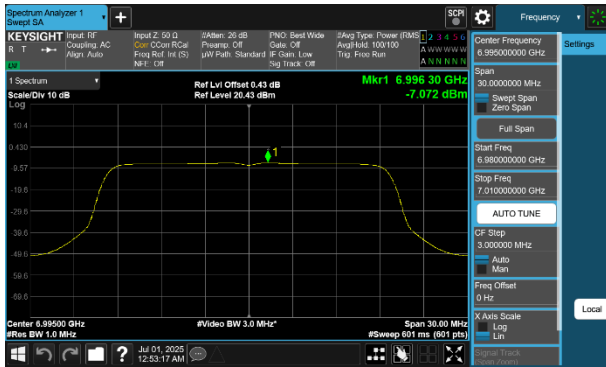


Plot 7-212 PSD SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.143)

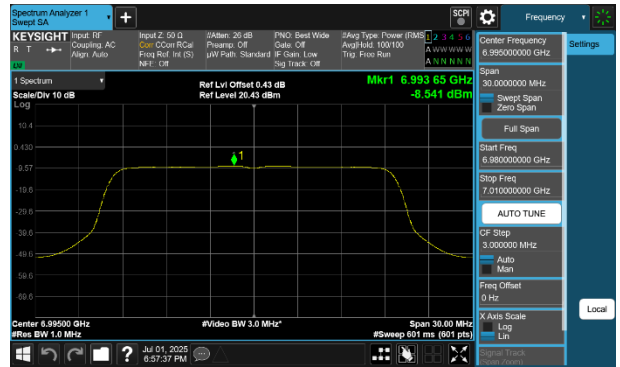


Plot 7-216 PSD SDM Primary Antenna 4a (160MHz BW 802.11be(SU) - Ch.143)

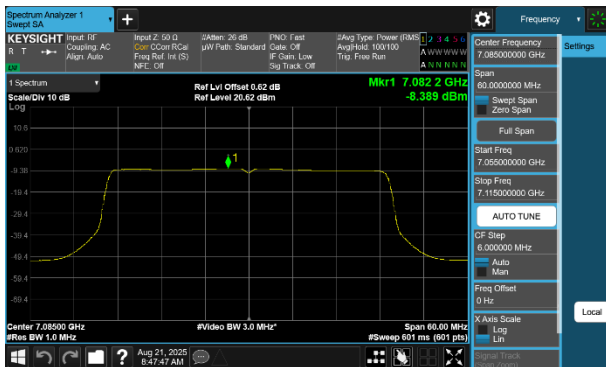
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 95 of 239



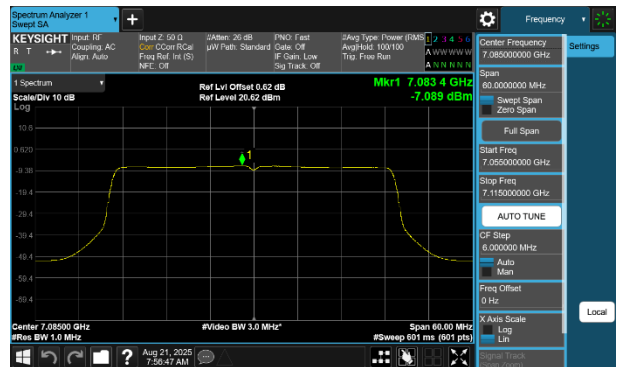
Plot 7-217 PSD SDM Primary Antenna WF5B (20MHz BW 802.11be(SU) - Ch.209)



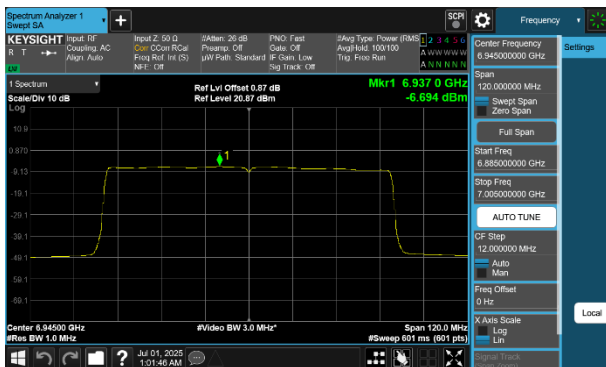
Plot 7-221 PSD SDM Primary Antenna 4a (20MHz BW 802.11be(SU) - Ch.209)



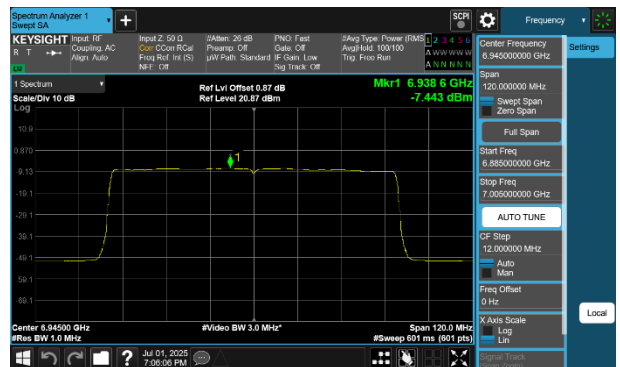
Plot 7-218 PSD SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.227)



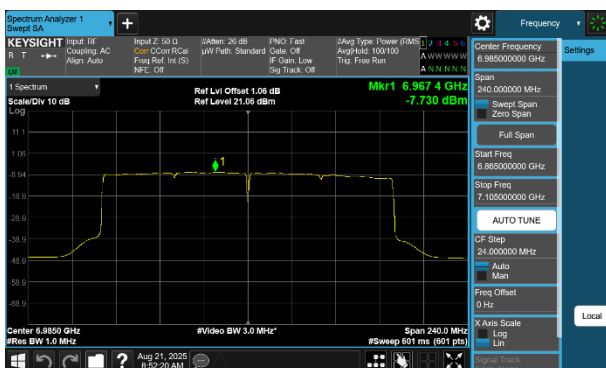
Plot 7-222 PSD SDM Primary Antenna 4a (40MHz BW 802.11be(SU) - Ch.227)



Plot 7-219 PSD SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-223 PSD SDM Primary Antenna 4a (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-220 PSD SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.207)



Plot 7-224 PSD SDM Primary Antenna 4a (160MHz BW 802.11be(SU) - Ch.207)

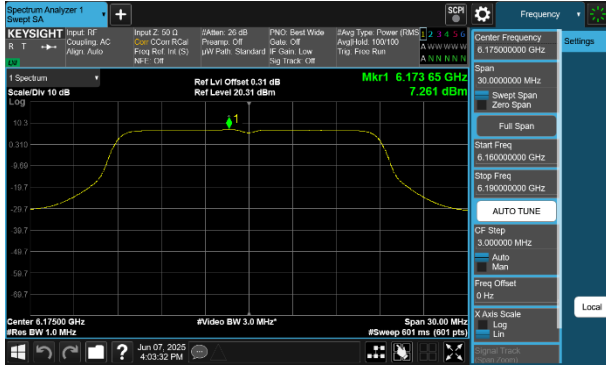
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 96 of 239	

7.4.9 CDD Diversity Power Spectral Density Measurements – SP

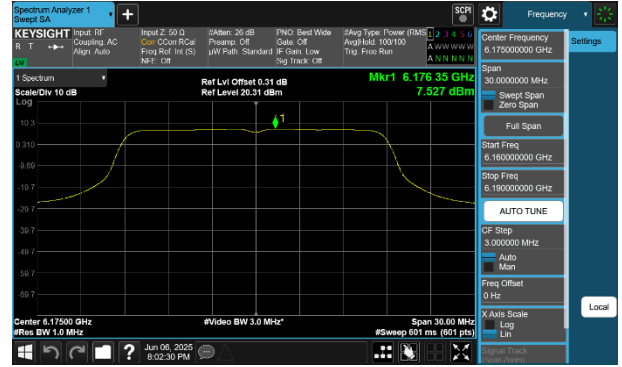
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna 4a Measured Power Density [dBm/MHz]	Antenna 2a Measured Power Density [dBm/MHz]	Summed CDD Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	CDD	36Mbps	7.04	7.49	10.28	3.20	13.48	17	-3.52
	6175	45	a	CDD	36Mbps	7.26	7.53	10.41	3.91	14.32	17	-2.68
	6415	93	a	CDD	36Mbps	6.71	7.26	10.00	3.12	13.12	17	-3.88
	5955	1	be (20MHz)	CDD	MCS3	7.02	7.42	10.23	3.20	13.43	17	-3.57
	6175	45	be (20MHz)	CDD	MCS5	7.10	7.48	10.30	3.91	14.21	17	-2.79
	6415	93	be (20MHz)	CDD	MCS3	6.71	7.21	9.98	3.12	13.10	17	-3.90
	5965	3	be (40MHz)	CDD	MCS5	3.56	3.94	6.77	3.20	9.96	17	-7.04
	6165	43	be (40MHz)	CDD	MCS5	3.57	4.08	6.84	3.91	10.75	17	-6.25
	6405	91	be (40MHz)	CDD	MCS5	3.24	3.82	6.55	3.12	9.67	17	-7.33
	5985	7	be (80MHz)	CDD	MCS5	0.58	1.30	3.96	3.20	7.16	17	-9.84
	6145	39	be (80MHz)	CDD	MCS5	0.97	1.27	4.13	3.91	8.04	17	-8.96
	6385	87	be (80MHz)	CDD	MCS5	0.39	1.31	3.89	3.12	7.01	17	-9.99
	6025	15	be (160MHz)	CDD	MCS5	-1.89	-1.47	1.33	3.20	4.53	17	-12.47
	6185	47	be (160MHz)	CDD	MCS5	-1.65	-1.06	1.66	3.91	5.58	17	-11.42
	6345	79	be (160MHz)	CDD	MCS3	-1.92	-1.72	1.19	3.12	4.31	17	-12.69
Band 6	6435	97	a	CDD	36Mbps	5.30	5.77	8.55	3.53	12.08	17	-4.92
	6475	105	a	CDD	36Mbps	4.96	5.73	8.37	3.53	11.90	17	-5.10
	6515	113	a	CDD	36Mbps	4.99	5.61	8.32	3.53	11.85	17	-5.15
	6435	97	be (20MHz)	CDD	MCS5	5.12	5.46	8.30	3.53	11.84	17	-5.16
	6475	105	be (20MHz)	CDD	MCS5	4.73	5.48	8.13	3.53	11.66	17	-5.34
	6515	113	be (20MHz)	CDD	MCS5	4.74	5.37	8.07	3.53	11.61	17	-5.39
	6445	99	be (40MHz)	CDD	MCS5	2.32	2.90	5.63	3.53	9.16	17	-7.84
	6485	107	be (40MHz)	CDD	MCS5	2.14	2.86	5.53	3.53	9.06	17	-7.94
	6525	115	be (40MHz)	CDD	MCS5	2.59	2.03	5.33	3.53	8.86	17	-8.14
	6465	103	be (80MHz)	CDD	MCS5	-0.41	0.04	2.83	3.53	6.36	17	-10.64
	6505	111	be (80MHz)	CDD	MCS3	-2.98	-2.56	0.25	3.53	3.78	17	-13.22
	6535	117	a	CDD	12Mbps	5.34	5.83	8.60	4.82	13.43	17	-3.57
	6695	149	a	CDD	36Mbps	5.73	5.85	8.80	4.82	13.63	17	-3.37
	6855	181	a	CDD	36Mbps	5.26	6.16	8.74	4.82	13.57	17	-3.43
	6535	117	be (20MHz)	CDD	MCS5	5.28	5.55	8.43	4.82	13.25	17	-3.75
Band 7	6695	149	be (20MHz)	CDD	MCS3	5.48	5.61	8.55	4.82	13.38	17	-3.62
	6855	181	be (20MHz)	CDD	MCS3	5.23	5.93	8.60	4.82	13.43	17	-3.57
	6725	155	be (40MHz)	CDD	MCS5	2.43	2.87	5.67	4.82	10.49	17	-6.51
	6845	179	be (40MHz)	CDD	MCS5	2.36	2.77	5.58	4.82	10.41	17	-6.59
	6545	119	be (80MHz)	CDD	MCS5	-0.18	0.13	2.99	4.82	7.81	17	-9.19
	6705	151	be (80MHz)	CDD	MCS5	0.03	0.28	3.16	4.82	7.99	17	-9.01
	6785	167	be (80MHz)	CDD	MCS5	-0.04	-0.08	2.95	4.82	7.78	17	-9.22
	6665	143	be (160MHz)	CDD	MCS3	-2.62	-2.61	0.39	4.82	5.22	17	-11.78

Table 7-66. Power Spectral Density Measurements CDD Diversity

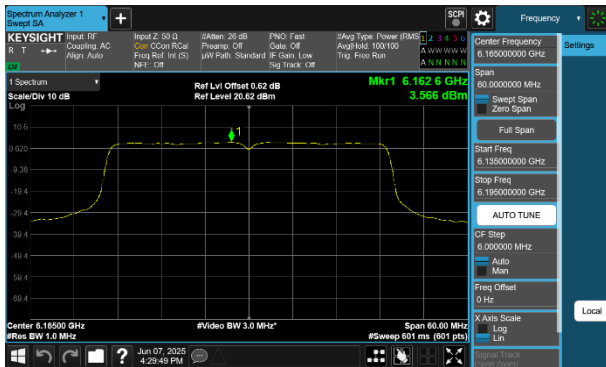
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 97 of 239



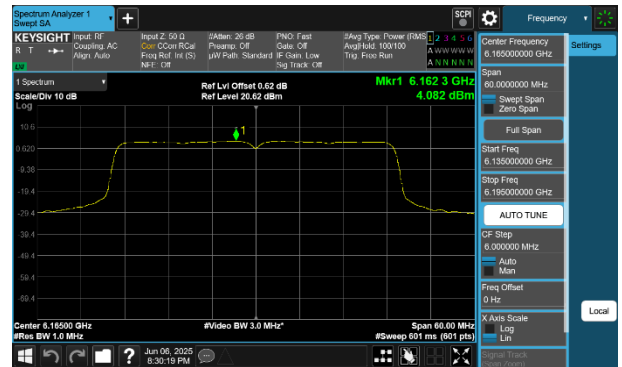
Plot 7-225 PSD CDD Diversity Antenna 4a (20MHz BW 802.11a - Ch.45)



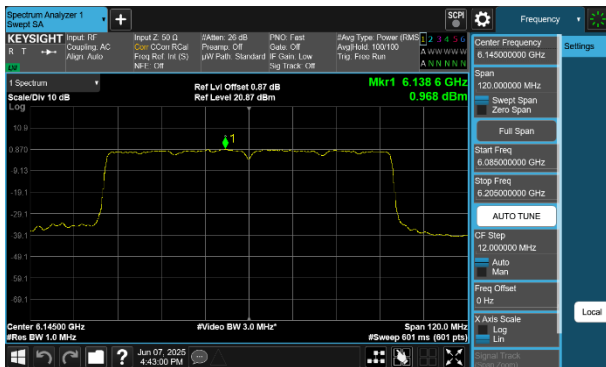
Plot 7-229 PSD CDD Diversity Antenna 2a (20MHz BW 802.11a - Ch.45)



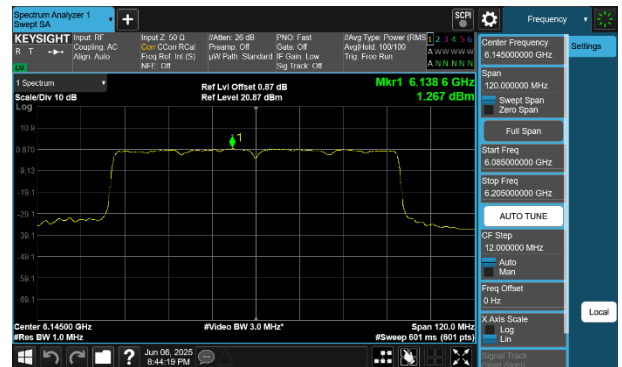
Plot 7-226 PSD CDD Diversity Antenna 4a (40MHz BW 802.11be(SU) - Ch.43)



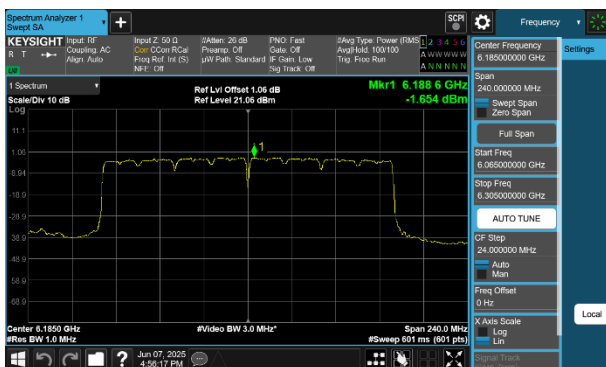
Plot 7-230 PSD CDD Diversity Antenna 2a (40MHz BW 802.11be(SU) - Ch.43)



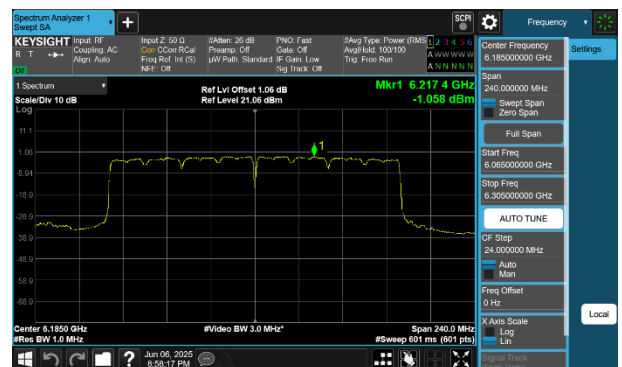
Plot 7-227 PSD CDD Diversity Antenna 4a (80MHz BW 802.11be(SU) - Ch.39)



Plot 7-231 PSD CDD Diversity Antenna 2a (80MHz BW 802.11be(SU) - Ch.39)

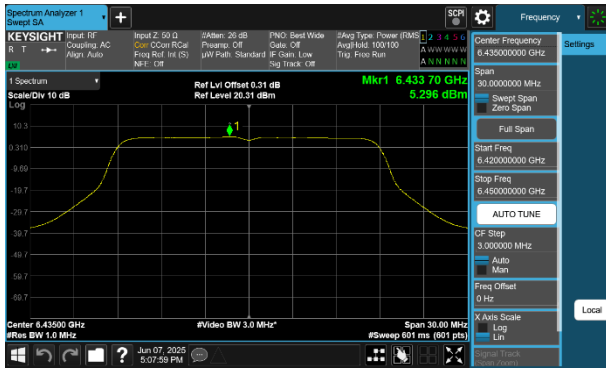


Plot 7-228 PSD CDD Diversity Antenna 4a (160MHz BW 802.11be(SU) - Ch.47)

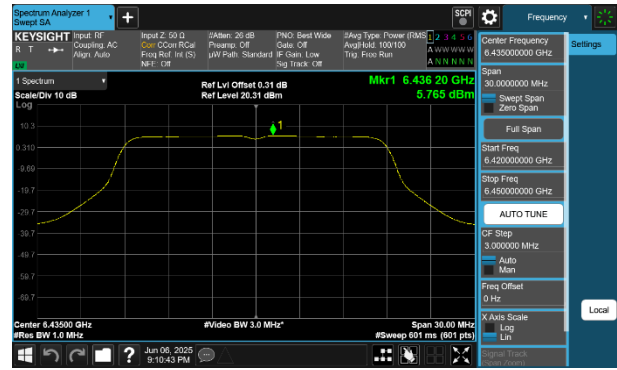


Plot 7-232 PSD CDD Diversity Antenna 2a (160MHz BW 802.11be(SU) - Ch.47)

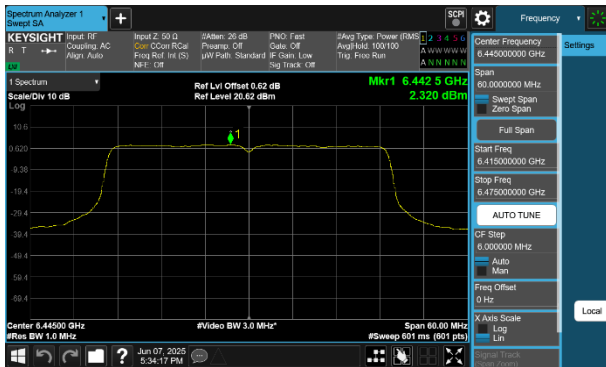
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 98 of 239



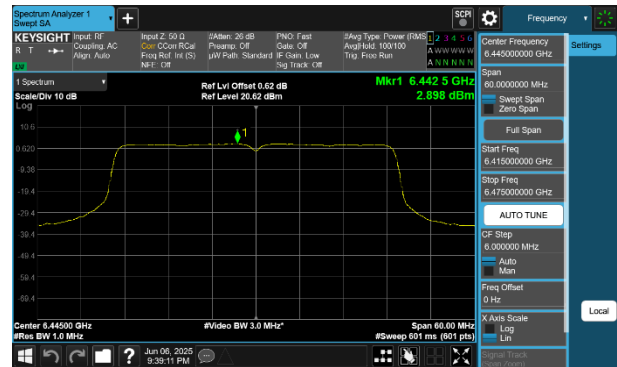
Plot 7-233 PSD CDD Diversity Antenna 4a (20MHz BW 802.11a - Ch.97)



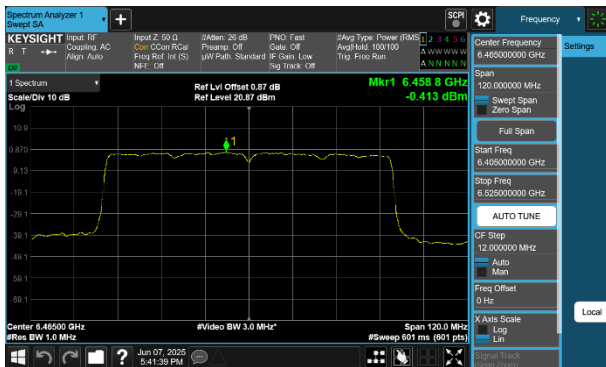
Plot 7-237 PSD CDD Diversity Antenna 2a (20MHz BW 802.11a - Ch.97)



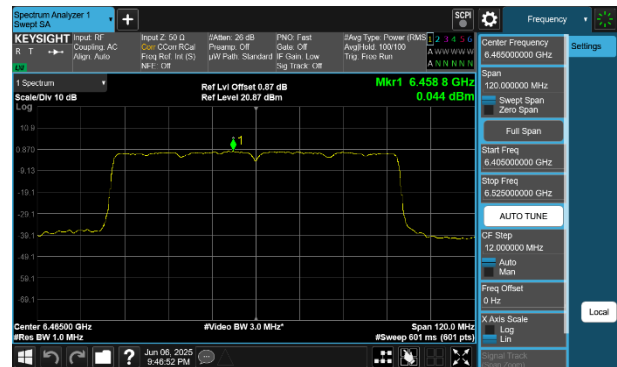
Plot 7-234 PSD CDD Diversity Antenna 4a (40MHz BW 802.11be(SU) - Ch.99)



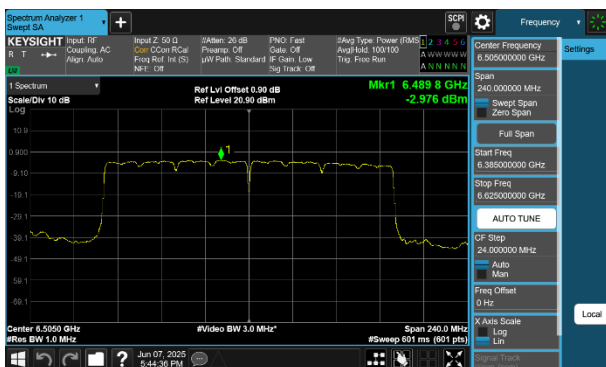
Plot 7-238 PSD CDD Diversity Antenna 2a (40MHz BW 802.11be(SU) - Ch.99)



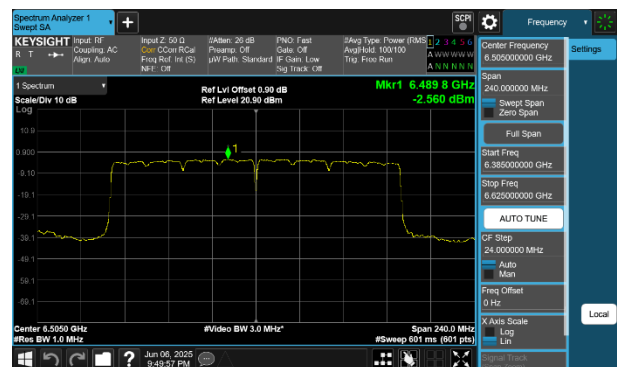
Plot 7-235 PSD CDD Diversity Antenna 4a (80MHz BW 802.11be(SU) - Ch.103)



Plot 7-239 PSD CDD Diversity Antenna 2a (80MHz BW 802.11be(SU) - Ch.103)

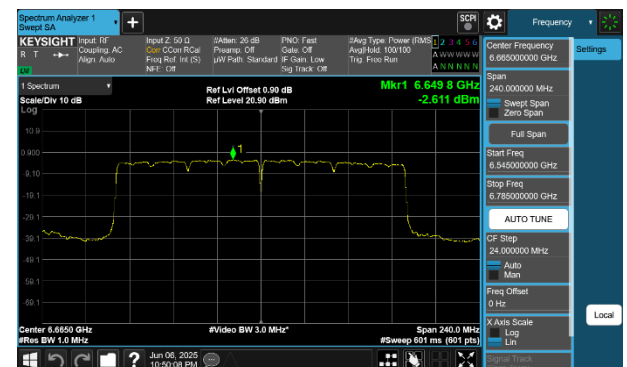
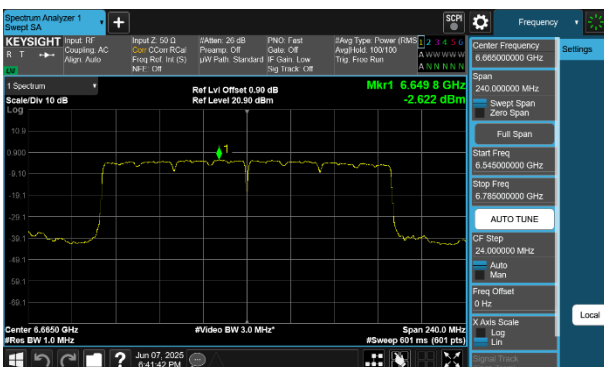
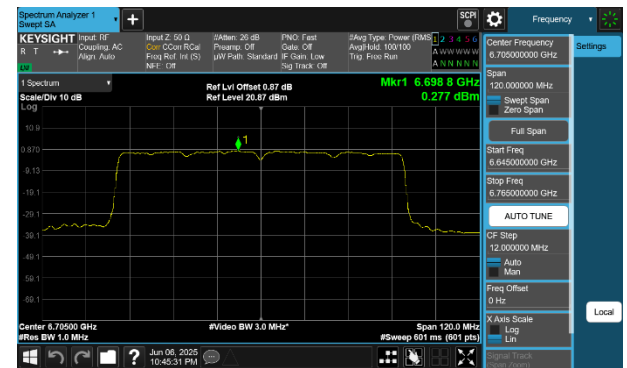
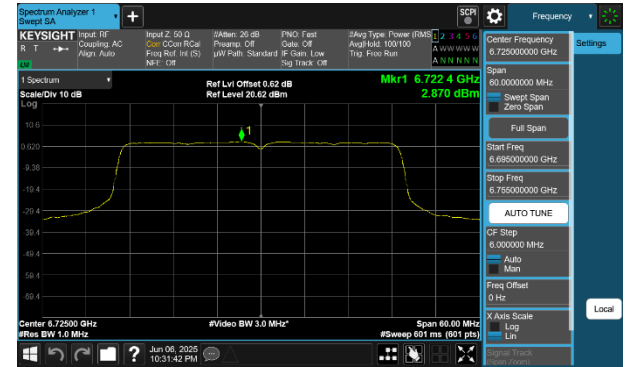
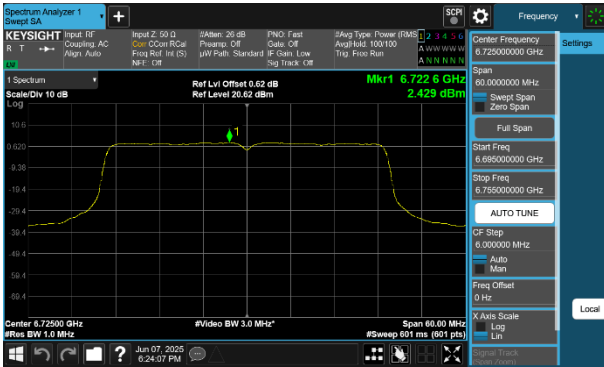
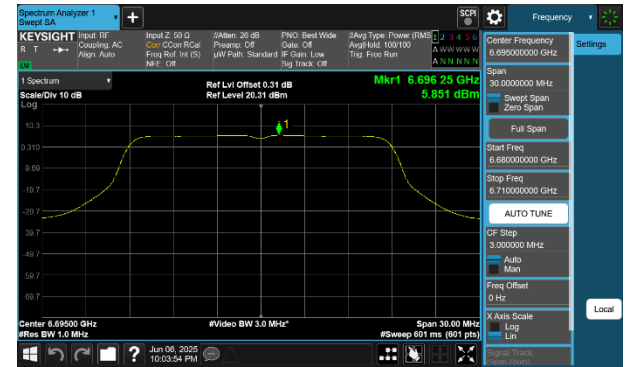
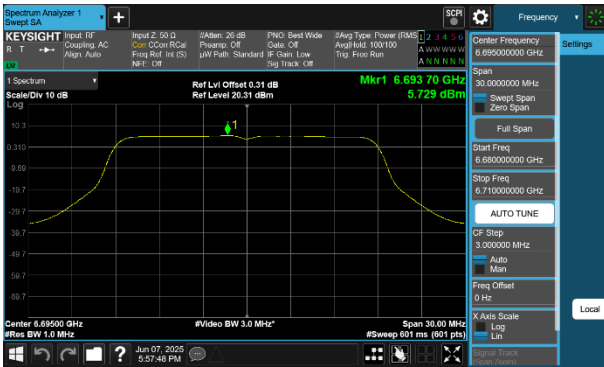


Plot 7-236 PSD CDD Diversity Antenna 4a (160MHz BW 802.11be(SU) - Ch.111)



Plot 7-240 PSD CDD Diversity Antenna 2a (160MHz BW 802.11be(SU) - Ch.111)

FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 99 of 239	



FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 100 of 239

7.4.10 CDD/SDM Diversity Power Spectral Density Measurements – LPI

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna 4a Measured Power Density [dBm/MHz]	Antenna 2a Measured Power Density [dBm/MHz]	Summed CDD/SDM 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	a	CDD	36Mbps	-11.37	-10.61	-7.96	3.20	-4.76	-1	-3.76
	6175	45	a	CDD	36Mbps	-10.65	-10.61	-7.62	3.91	-3.71	-1	-2.71
	6415	93	a	CDD	36Mbps	-9.50	-9.46	-6.47	3.12	-3.35	-1	-2.35
	5955	1	be (20MHz)	SDM	MCS5	-10.08	-8.12	-5.98	0.32	-5.66	-1	-4.66
	6175	45	be (20MHz)	SDM	MCS5	-7.29	-7.56	-4.41	0.90	-3.51	-1	-2.51
	6415	93	be (20MHz)	SDM	MCS5	-6.48	-6.80	-3.62	0.12	-3.50	-1	-2.50
	5965	3	be (40MHz)	SDM	MCS5	-9.57	-7.80	-5.59	0.32	-5.27	-1	-4.27
	6165	43	be (40MHz)	SDM	MCS5	-7.30	-7.66	-4.47	0.90	-3.57	-1	-2.57
	6405	91	be (40MHz)	SDM	MCS5	-7.50	-6.73	-4.09	0.12	-3.97	-1	-2.97
	5985	7	be (80MHz)	SDM	MCS5	-9.04	-8.14	-5.56	0.32	-5.23	-1	-4.23
	6145	39	be (80MHz)	SDM	MCS0	-7.95	-7.59	-4.75	0.90	-3.85	-1	-2.85
	6385	87	be (80MHz)	SDM	MCS5	-5.96	-6.25	-3.09	0.12	-2.97	-1	-1.97
	6025	15	be (160MHz)	SDM	MCS5	-8.71	-7.90	-5.28	0.32	-4.96	-1	-3.96
	6185	47	be (160MHz)	SDM	MCS0	-7.96	-7.24	-4.57	0.90	-3.67	-1	-2.67
	6345	79	be (160MHz)	SDM	MCS5	-6.06	-6.14	-3.09	0.12	-2.97	-1	-1.97
Band 6	6435	97	a	CDD	12Mbps	-10.63	-10.52	-7.56	3.53	-4.03	-1	-3.03
	6475	105	a	CDD	36Mbps	-10.84	-11.23	-8.02	3.53	-4.49	-1	-3.49
	6515	113	a	CDD	6Mbps	-11.39	-10.32	-7.81	3.53	-4.28	-1	-3.28
	6435	97	be (20MHz)	SDM	MCS3	-7.81	-7.70	-4.74	0.54	-4.20	-1	-3.20
	6475	105	be (20MHz)	SDM	MCS5	-8.09	-7.64	-4.85	0.54	-4.30	-1	-3.30
	6515	113	be (20MHz)	SDM	MCS5	-8.20	-7.90	-5.04	0.54	-4.50	-1	-3.50
	6445	99	be (40MHz)	SDM	MCS3	-7.64	-7.42	-4.51	0.54	-3.97	-1	-2.97
	6485	107	be (40MHz)	SDM	MCS5	-7.80	-7.69	-4.73	0.54	-4.19	-1	-3.19
	6525	115	be (40MHz)	SDM	MCS5	-8.08	-9.28	-5.63	0.54	-5.09	-1	-4.09
	6465	103	be (80MHz)	SDM	MCS0	-7.01	-7.18	-4.09	0.54	-3.54	-1	-2.54
	6505	111	be (160MHz)	SDM	MCS5	-8.76	-8.30	-5.51	0.54	-4.97	-1	-3.97
Band 7	6535	117	a	CDD	36Mbps	-11.37	-11.54	-8.44	4.82	-3.62	-1	-2.62
	6695	149	a	CDD	36Mbps	-11.13	-11.88	-8.48	4.82	-3.65	-1	-2.65
	6875	185	a	CDD	36Mbps	-10.92	-11.92	-8.38	4.82	-3.55	-1	-2.55
	6535	117	be (20MHz)	SDM	MCS5	-9.63	-8.75	-6.16	1.83	-4.33	-1	-3.33
	6695	149	be (20MHz)	SDM	MCS5	-8.96	-8.54	-5.74	1.83	-3.91	-1	-2.91
	6875	185	be (20MHz)	SDM	MCS5	-8.51	-8.65	-5.57	1.83	-3.74	-1	-2.74
	6725	155	be (40MHz)	SDM	MCS5	-8.66	-8.47	-5.55	1.83	-3.73	-1	-2.73
	6845	179	be (40MHz)	SDM	MCS5	-8.57	-8.36	-5.46	1.83	-3.63	-1	-2.63
	6545	119	be (80MHz)	SDM	MCS3	-8.87	-8.29	-5.56	1.83	-3.73	-1	-2.73
	6705	151	be (80MHz)	SDM	MCS5	-8.39	-8.32	-5.34	1.83	-3.52	-1	-2.52
	6865	183	be (80MHz)	SDM	MCS3	-8.73	-8.81	-5.76	1.83	-3.93	-1	-2.93
	6665	143	be (160MHz)	SDM	MCS3	-8.24	-8.31	-5.27	1.83	-3.44	-1	-2.44
Band 8	6825	175	be (160MHz)	SDM	MCS5	-9.14	-8.85	-5.98	1.83	-4.15	-1	-3.15
	6895	189	a	CDD	6Mbps	-10.87	-12.15	-8.45	2.61	-5.84	-1	-4.84
	6995	209	a	CDD	36Mbps	-10.65	-11.62	-8.10	2.61	-5.49	-1	-4.49
	7115	233	a	CDD	36Mbps	-11.53	-12.13	-8.81	2.61	-6.20	-1	-5.20
	6895	189	be (20MHz)	SDM	MCS3	-8.48	-7.90	-5.17	-0.40	-5.57	-1	-4.57
	6995	209	be (20MHz)	SDM	MCS3	-8.69	-7.80	-5.21	-0.40	-5.61	-1	-4.61
	7115	233	be (20MHz)	SDM	MCS5	-9.01	-8.89	-5.94	-0.40	-6.34	-1	-5.34
	6885	187	be (40MHz)	SDM	MCS5	-8.98	-9.06	-6.01	-0.40	-6.41	-1	-5.41
	7005	211	be (40MHz)	SDM	MCS5	-7.19	-8.90	-4.95	-0.40	-5.35	-1	-4.35
	7085	227	be (40MHz)	SDM	MCS5	-7.09	-8.98	-4.92	-0.40	-5.32	-1	-4.32
	6945	199	be (80MHz)	SDM	MCS5	-7.44	-7.21	-4.32	-0.40	-4.71	-1	-3.71
	7025	215	be (80MHz)	SDM	MCS5	-7.70	-7.40	-4.54	-0.40	-4.94	-1	-3.94
	6985	207	be (160MHz)	SDM	MCS5	-6.27	-7.91	-4.00	-0.40	-4.40	-1	-3.40

Table 7-67. Power Spectral Density Measurements SDM/CDD Diversity

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