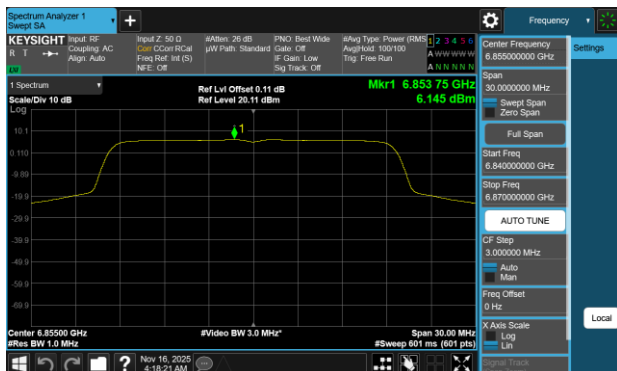
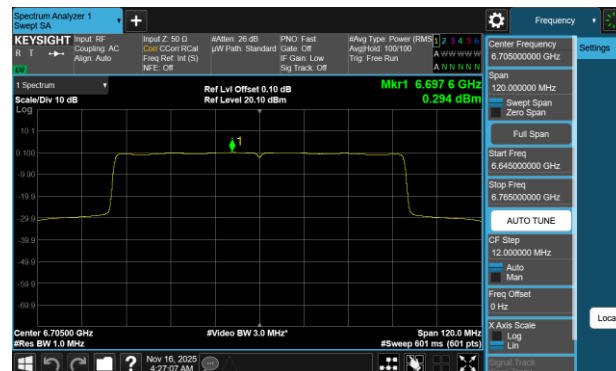




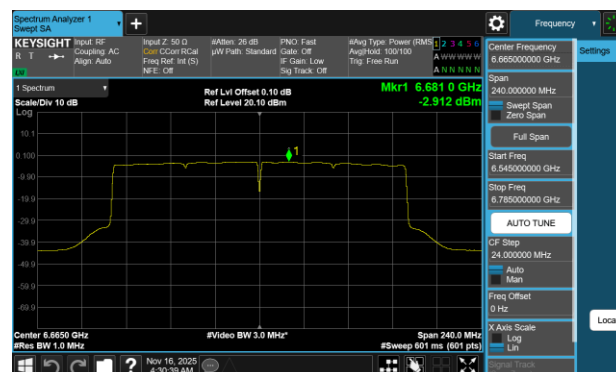
Plot 7-261 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.181)



Plot 7-263 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.151)



Plot 7-262 PSD Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.179)



Plot 7-264 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.143)

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 146 of 418

7.4.4 Antenna WF7a Power Spectral Density Measurements – LPI

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	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	be (20MHz)	26	0	MCS5	-6.85	4.20	-2.65	-1	-1.65
	6175	45	be (20MHz)	26	0	MCS5	-5.95	3.10	-2.85	-1	-1.85
	6415	93	be (20MHz)	26	0	MCS5	-6.42	3.50	-2.92	-1	-1.92
	5965	3	be (40MHz)	26	0	MCS5	-7.03	4.20	-2.83	-1	-1.83
	6165	43	be (40MHz)	26	17	MCS5	-5.84	3.10	-2.74	-1	-1.74
	6405	91	be (40MHz)	26	17	MCS5	-6.16	3.50	-2.66	-1	-1.66
	5985	7	be (80MHz)	26	36	MCS5	-7.14	4.20	-2.94	-1	-1.94
	6145	39	be (80MHz)	26	17	MCS5	-6.04	3.10	-2.94	-1	-1.94
	6385	87	be (80MHz)	26	36	MCS5	-6.46	3.50	-2.96	-1	-1.96
	6025	15	be (160MHz)	26	0-L	MCS5	-7.13	4.20	-2.93	-1	-1.93
Band 6	6185	47	be (160MHz)	26	36-H	MCS5	-6.26	3.10	-3.16	-1	-2.16
	6345	79	be (160MHz)	26	36-H	MCS5	-6.52	3.50	-3.02	-1	-2.02
	6435	97	be (20MHz)	26	8	MCS5	-7.15	4.20	-2.95	-1	-1.95
	6475	105	be (20MHz)	26	8	MCS5	-6.95	4.20	-2.75	-1	-1.75
	6515	113	be (20MHz)	26	0	MCS5	-6.95	4.20	-2.75	-1	-1.75
	6445	99	be (40MHz)	26	8	MCS5	-7.09	4.20	-2.89	-1	-1.89
	6485	107	be (40MHz)	26	8	MCS5	-6.93	4.20	-2.73	-1	-1.73
	6525	115	be (40MHz)	26	17	MCS5	-7.05	4.20	-2.85	-1	-1.85
	6465	103	be (80MHz)	26	36	MCS5	-7.05	4.20	-2.85	-1	-1.85
	6505	111	be (160MHz)	26	0-L	MCS5	-7.10	4.20	-2.90	-1	-1.90
Band 7	6535	117	be (20MHz)	26	0	MCS5	-6.00	3.10	-2.90	-1	-1.90
	6695	149	be (20MHz)	26	0	MCS5	-5.58	3.10	-2.48	-1	-1.48
	6875	185	be (20MHz)	26	8	MCS5	-5.81	3.10	-2.71	-1	-1.71
	6565	123	be (40MHz)	26	0	MCS5	-6.06	3.10	-2.96	-1	-1.96
	6725	155	be (40MHz)	26	0	MCS5	-5.84	3.10	-2.74	-1	-1.74
	6845	179	be (40MHz)	26	8	MCS5	-5.98	3.10	-2.88	-1	-1.88
	6545	119	be (80MHz)	26	0	MCS5	-7.16	3.10	-4.06	-1	-3.06
	6705	151	be (80MHz)	26	17	MCS5	-5.65	3.10	-2.55	-1	-1.55
	6865	183	be (80MHz)	26	0	MCS5	-5.71	3.10	-2.61	-1	-1.61
	6665	143	be (160MHz)	26	36-H	MCS5	-6.10	3.10	-3.00	-1	-2.00
Band 8	6825	175	be (160MHz)	26	0-L	MCS5	-5.77	3.10	-2.67	-1	-1.67
	6895	189	be (20MHz)	26	8	MCS5	-3.68	0.90	-2.78	-1	-1.78
	6995	209	be (20MHz)	26	8	MCS5	-3.72	0.90	-2.82	-1	-1.82
	7095	229	be (20MHz)	26	8	MCS5	-3.73	0.90	-2.83	-1	-1.83
	6885	187	be (40MHz)	26	17	MCS5	-5.81	0.90	-4.91	-1	-3.91
	7005	211	be (40MHz)	26	17	MCS5	-3.63	0.90	-2.73	-1	-1.73
	7085	227	be (40MHz)	26	8	MCS5	-3.49	0.90	-2.59	-1	-1.59
	6945	199	be (80MHz)	26	36	MCS5	-3.77	0.90	-2.87	-1	-1.87
	7025	215	be (80MHz)	26	17	MCS5	-3.36	0.90	-2.46	-1	-1.46
	6985	207	be (160MHz)	26	36-H	MCS5	-3.80	0.90	-2.90	-1	-1.90

Table 7-95. Power Spectral Density Measurements Antenna WF7a (RU26)

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 147 of 418

V 11.0 05/2025

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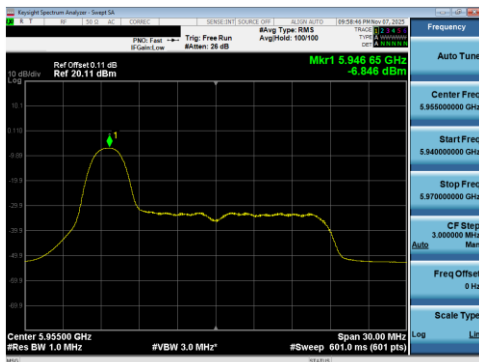
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	be (20MHz)	106+26	82	MCS5	-7.97	4.20	-3.77	-1.00	-2.77
	6175	45	be (20MHz)	106+26	82	MCS5	-5.97	3.10	-2.87	-1.00	-1.87
	6415	93	be (20MHz)	106+26	82	MCS5	-6.12	3.50	-2.62	-1.00	-1.62
	5985	7	be (80MHz)	484+242	92	MCS5	-8.22	4.20	-4.02	-1.00	-3.02
	6145	39	be (80MHz)	484+242	93	MCS5	-6.11	3.10	-3.01	-1.00	-2.01
	6385	87	be (80MHz)	484+242	92	MCS5	-6.41	3.50	-2.91	-1.00	-1.91
	6025	15	be (160MHz)	996+484+242	97-L	MCS5	-7.18	4.20	-2.98	-1.00	-1.98
	6185	47	be (160MHz)	996+484+242	97-L	MCS5	-5.74	3.10	-2.64	-1.00	-1.64
Band 6	6345	79	be (160MHz)	996+484+242	99-L	MCS5	-5.96	3.50	-2.46	-1.00	-1.46
	6435	97	be (20MHz)	106+26	83	MCS5	-6.78	4.20	-2.58	-1.00	-1.58
	6475	105	be (20MHz)	106+26	83	MCS5	-6.73	4.20	-2.53	-1.00	-1.53
	6515	113	be (20MHz)	106+26	82	MCS5	-6.69	4.20	-2.49	-1.00	-1.49
	6465	103	be (80MHz)	484+242	91	MCS5	-6.98	4.20	-2.78	-1.00	-1.78
	6505	111	be (160MHz)	996+484+242	96-L	MCS5	-6.56	4.20	-2.36	-1.00	-1.36
Band 7	6535	117	be (20MHz)	106+26	83	MCS5	-5.72	3.10	-2.62	-1.00	-1.62
	6695	149	be (20MHz)	106+26	82	MCS5	-5.33	3.10	-2.23	-1.00	-1.23
	6875	185	be (20MHz)	106+26	83	MCS5	-6.17	3.10	-3.07	-1.00	-2.07
	6545	119	be (80MHz)	484+242	93	MCS5	-6.81	3.10	-3.71	-1.00	-2.71
	6705	151	be (80MHz)	484+242	92	MCS5	-5.52	3.10	-2.42	-1.00	-1.42
	6865	183	be (80MHz)	484+242	92	MCS5	-6.26	3.10	-3.16	-1.00	-2.16
	6665	143	be (160MHz)	996+484+242	99-L	MCS5	-5.31	3.10	-2.21	-1.00	-1.21
	6825	175	be (160MHz)	996+484+242	98-L	MCS5	-5.71	3.10	-2.61	-1.00	-1.61
Band 8	6895	189	be (20MHz)	106+26	82	MCS5	-4.00	0.90	-3.10	-1.00	-2.10
	6995	209	be (20MHz)	106+26	82	MCS5	-4.09	0.90	-3.19	-1.00	-2.19
	7095	229	be (20MHz)	106+26	82	MCS5	-3.84	0.90	-2.94	-1.00	-1.94
	6945	199	be (80MHz)	484+242	93	MCS5	-3.90	0.90	-3.00	-1.00	-2.00
	7025	215	be (80MHz)	484+242	91	MCS5	-3.90	0.90	-3.00	-1.00	-2.00
	6985	207	be (160MHz)	996+484+242	99-L	MCS5	-4.01	0.90	-3.11	-1.00	-2.11

Table 7-96. Power Spectral Density Measurements Antenna WF7a (MRU)

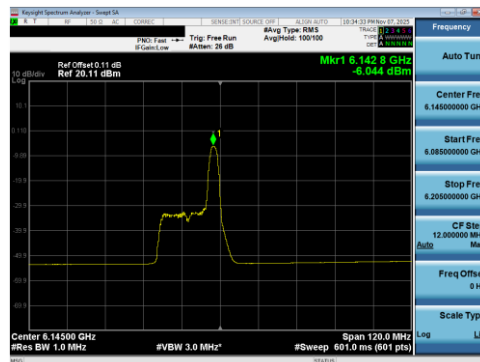
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	be (20MHz)	242	61	MCS5	-8.03	4.20	-3.83	-1	-2.83
	6175	45	be (20MHz)	242	61	MCS5	-6.29	3.10	-3.19	-1	-2.19
	6415	93	be (20MHz)	242	61	MCS5	-6.48	3.50	-2.98	-1	-1.98
	5965	3	be (40MHz)	484	65	MCS5	-8.35	4.20	-4.15	-1	-3.15
	6165	43	be (40MHz)	484	65	MCS5	-6.13	3.10	-3.03	-1	-2.03
	6405	91	be (40MHz)	484	65	MCS5	-6.53	3.50	-3.03	-1	-2.03
	5985	7	be (80MHz)	996	67	MCS5	-7.86	4.20	-3.66	-1	-2.66
	6145	39	be (80MHz)	996	67	MCS5	-6.20	3.10	-3.10	-1	-2.10
	6385	87	be (80MHz)	996	67	MCS5	-6.57	3.50	-3.07	-1	-2.07
	6025	15	be (160MHz)	996x2	68	MCS5	-7.58	4.20	-3.38	-1	-2.38
	6185	47	be (160MHz)	996x2	68	MCS5	-5.76	3.10	-2.66	-1	-1.66
	6345	79	be (160MHz)	996x2	68	MCS5	-6.48	3.50	-2.98	-1	-1.98
Band 6	6435	97	be (20MHz)	242	61	MCS5	-7.36	4.20	-3.16	-1	-2.16
	6475	105	be (20MHz)	242	61	MCS5	-7.37	4.20	-3.17	-1	-2.17
	6515	113	be (20MHz)	242	61	MCS5	-6.69	4.20	-2.49	-1	-1.49
	6445	99	be (40MHz)	484	65	MCS5	-7.85	4.20	-3.65	-1	-2.65
	6485	107	be (40MHz)	484	65	MCS5	-7.33	4.20	-3.13	-1	-2.13
	6525	115	be (40MHz)	484	65	MCS5	-6.95	4.20	-2.75	-1	-1.75
	6465	103	be (80MHz)	996	67	MCS5	-7.39	4.20	-3.19	-1	-2.19
	6505	111	be (160MHz)	996x2	68	MCS5	-6.88	4.20	-2.68	-1	-1.68
Band 7	6535	117	be (20MHz)	242	61	MCS5	-5.99	3.10	-2.89	-1	-1.89
	6695	149	be (20MHz)	242	61	MCS5	-5.76	3.10	-2.66	-1	-1.66
	6875	185	be (20MHz)	242	61	MCS5	-5.99	3.10	-2.89	-1	-1.89
	6565	123	be (40MHz)	484	65	MCS5	-6.12	3.10	-3.02	-1	-2.02
	6725	155	be (40MHz)	484	65	MCS5	-5.78	3.10	-2.68	-1	-1.68
	6845	179	be (40MHz)	484	65	MCS5	-6.30	3.10	-3.20	-1	-2.20
	6545	119	be (80MHz)	996	67	MCS5	-7.00	3.10	-3.90	-1	-2.90
	6705	151	be (80MHz)	996	67	MCS5	-5.63	3.10	-2.53	-1	-1.53
	6865	183	be (80MHz)	996	67	MCS5	-5.73	3.10	-2.63	-1	-1.63
	6665	143	be (160MHz)	996x2	68	MCS5	-5.98	3.10	-2.88	-1	-1.88
	6825	175	be (160MHz)	996x2	68	MCS5	-6.25	3.10	-3.15	-1	-2.15
	6895	189	be (20MHz)	242	61	MCS5	-3.84	0.90	-2.94	-1	-1.94
Band 8	6995	209	be (20MHz)	242	61	MCS5	-3.97	0.90	-3.07	-1	-2.07
	7115	233	be (20MHz)	242	61	MCS5	-4.52	0.90	-3.62	-1	-2.62
	6885	187	be (40MHz)	484	65	MCS5	-6.28	0.90	-5.38	-1	-4.38
	7005	211	be (40MHz)	484	65	MCS5	-3.93	0.90	-3.03	-1	-2.03
	7085	227	be (40MHz)	484	65	MCS5	-3.98	0.90	-3.08	-1	-2.08
	6945	199	be (80MHz)	996	67	MCS5	-3.78	0.90	-2.88	-1	-1.88
	7025	215	be (80MHz)	996	67	MCS5	-3.52	0.90	-2.62	-1	-1.62
	6985	207	be (160MHz)	996x2	68	MCS5	-3.60	0.90	-2.70	-1	-1.70

Table 7-97. Power Spectral Density Measurements Antenna WF7a (Fully – Loaded RU)

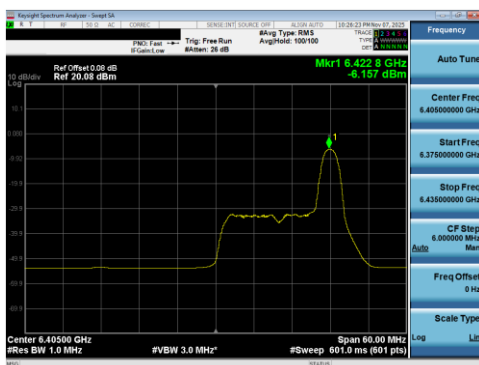
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 148 of 418



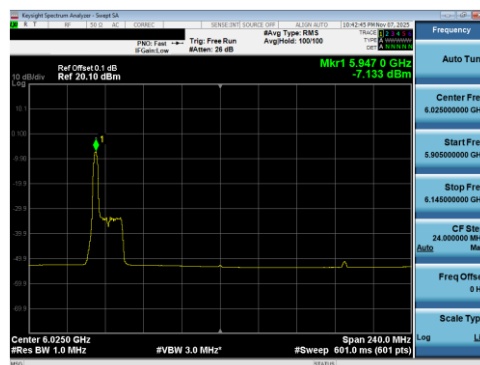
Plot 7-265 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index0 - Ch.1)



Plot 7-267 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index17 - Ch.39)

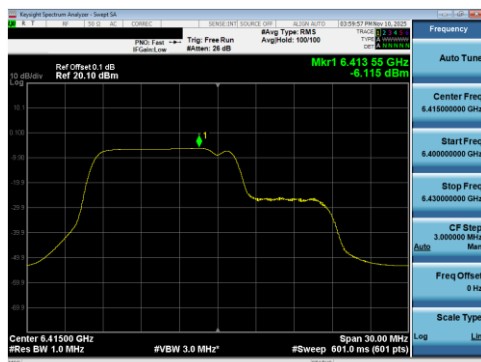


Plot 7-266 PSD Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index17 - Ch.91)

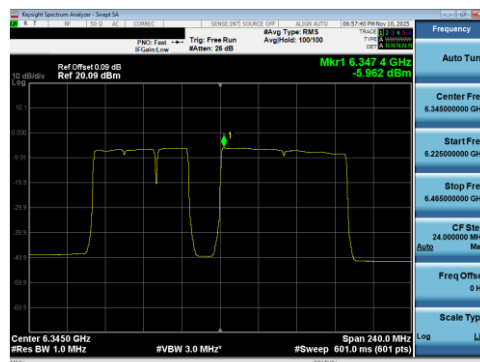


Plot 7-268 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index0 - Ch.15)

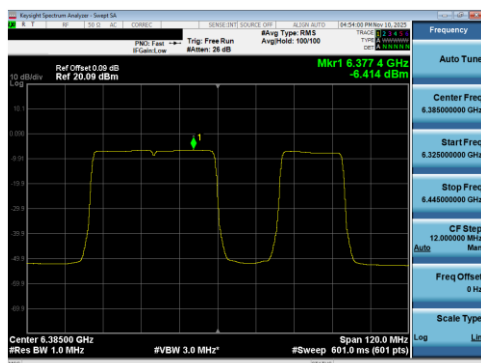
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 149 of 418



Plot 7-269 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.93)

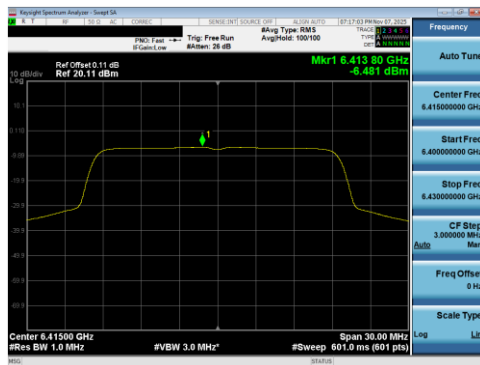


Plot 7-271 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index99 - Ch.79)

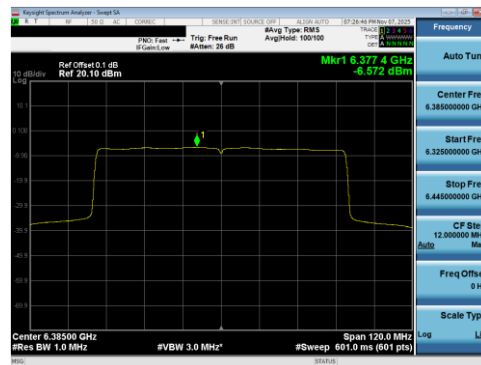


Plot 7-270 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.87)

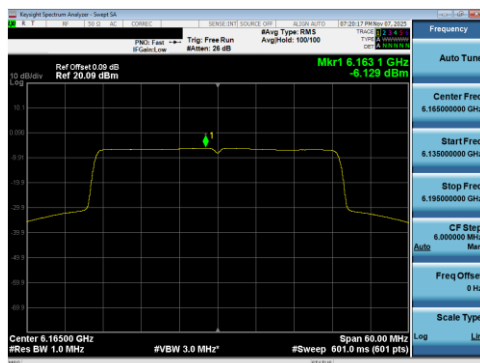
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 150 of 418



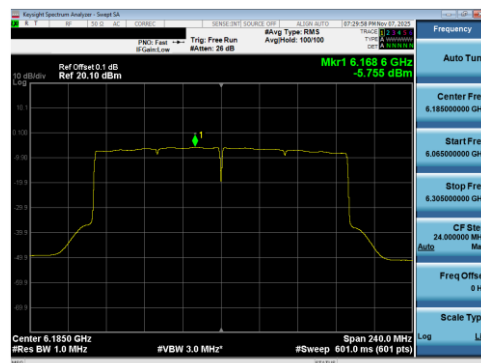
Plot 7-272 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.93)



Plot 7-274 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.87)

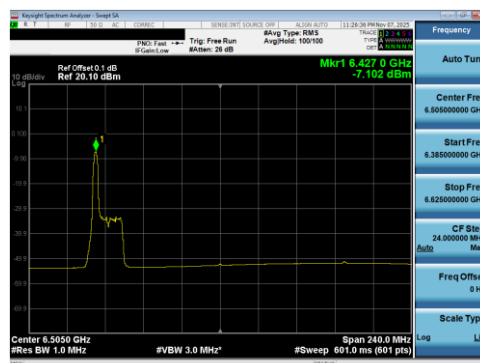
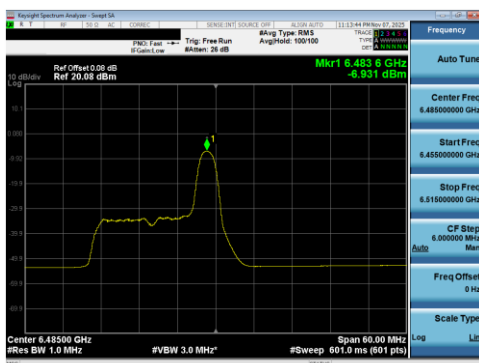
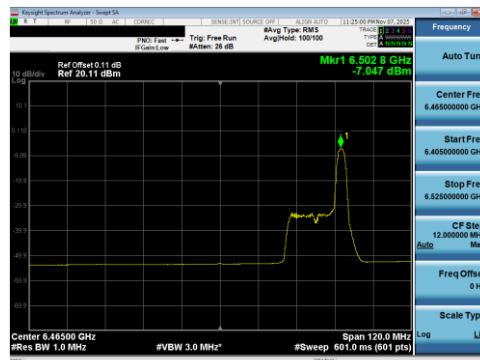
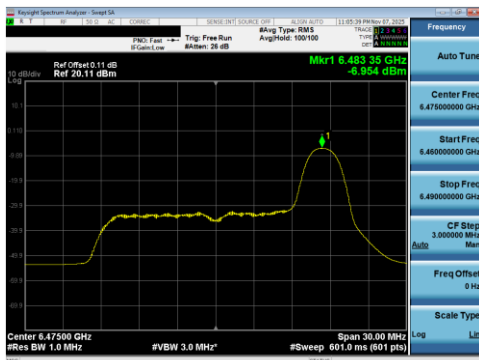


Plot 7-273 PSD Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.43)

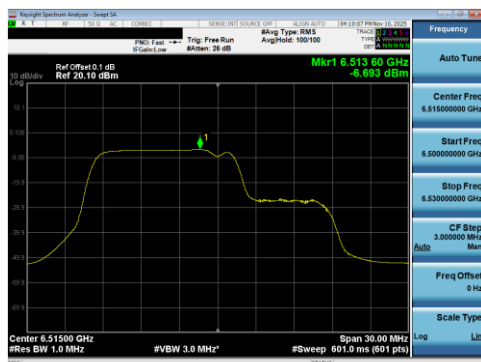


Plot 7-275 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.47)

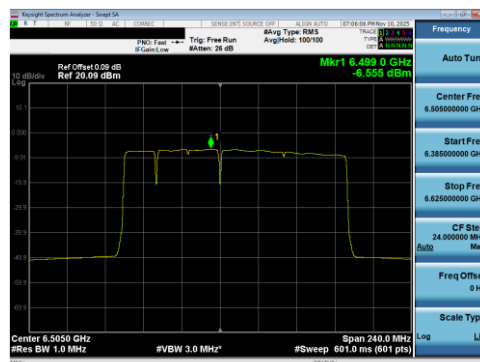
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		Page 151 of 418



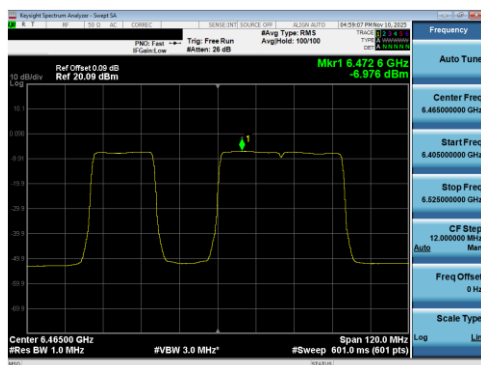
FCC ID: BCGA3459 IC: 579C-A3459	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 152 of 418



Plot 7-280 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.113)

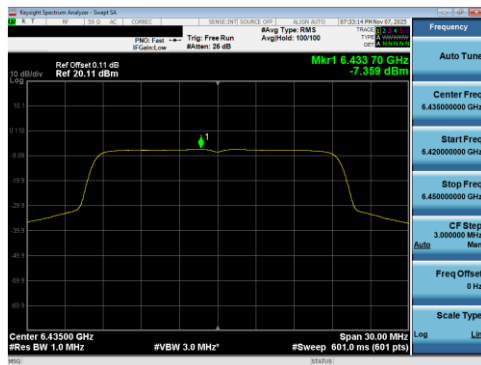


Plot 7-282 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index96 - Ch.111)

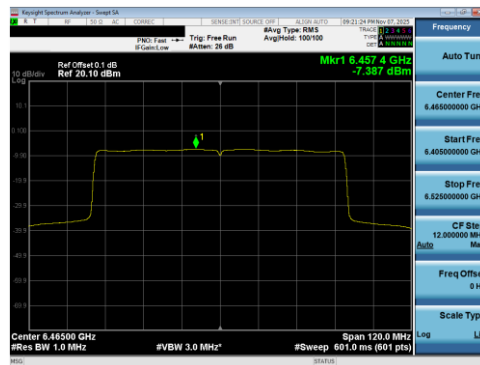


Plot 7-281 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.103)

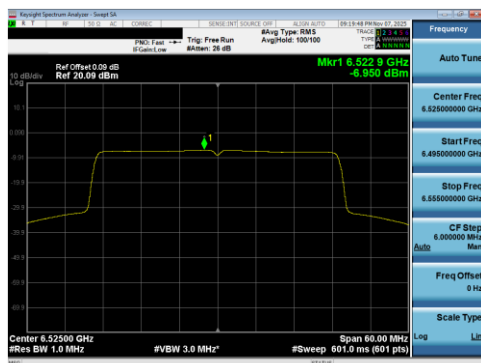
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 153 of 418



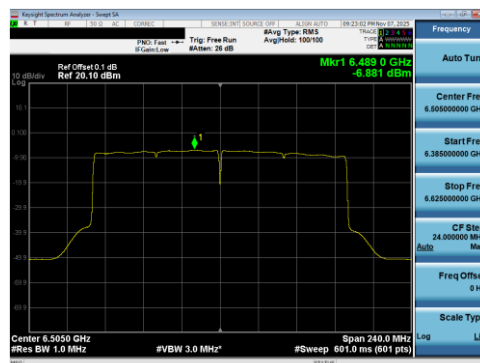
Plot 7-283 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.97)



Plot 7-285 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.103)

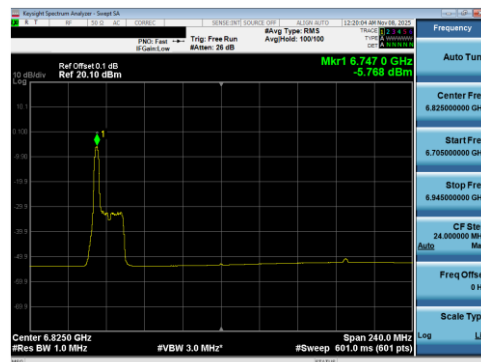
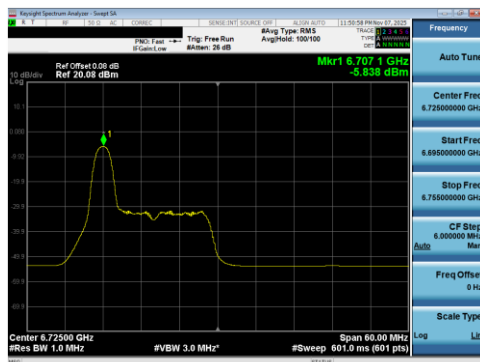
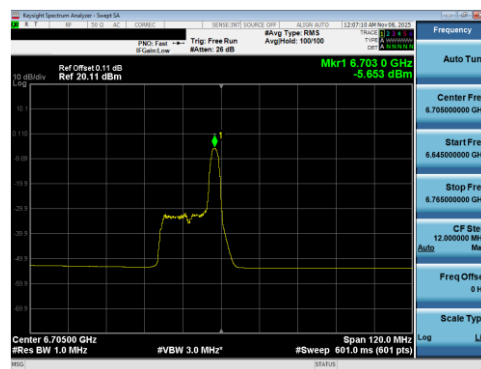
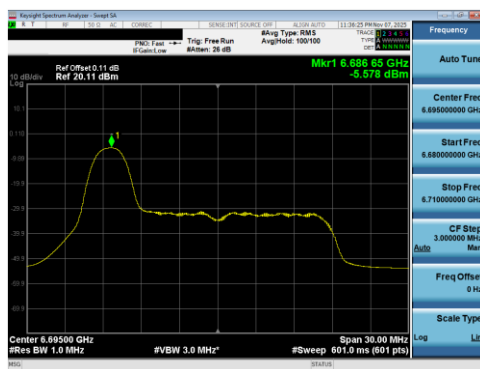


Plot 7-284 PSD Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.115)

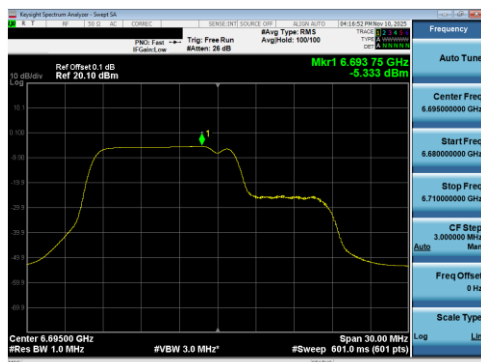


Plot 7-286 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.111)

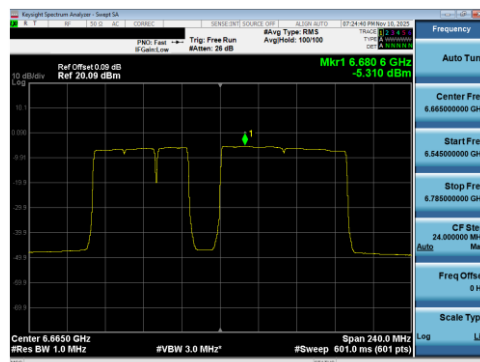
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG			Page 154 of 418
Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		



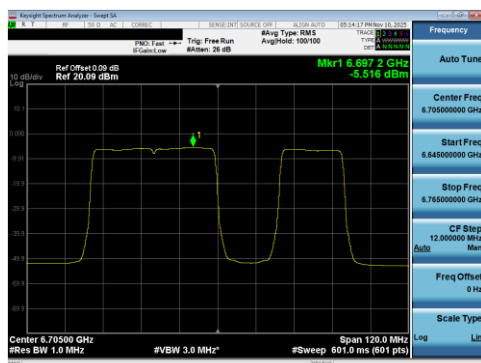
FCC ID: BCGA3459 IC: 579C-A3459			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		Page 155 of 418



Plot 7-291 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.149)



Plot 7-293 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index99 - Ch.143)

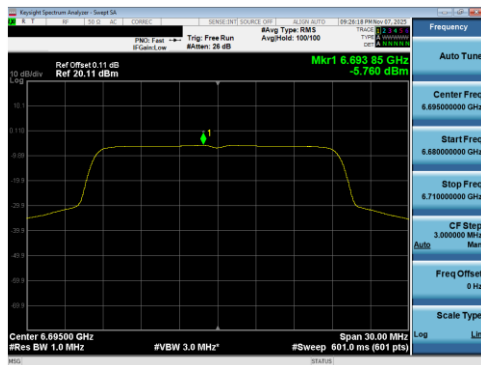


Plot 7-292 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index92 - Ch.151)

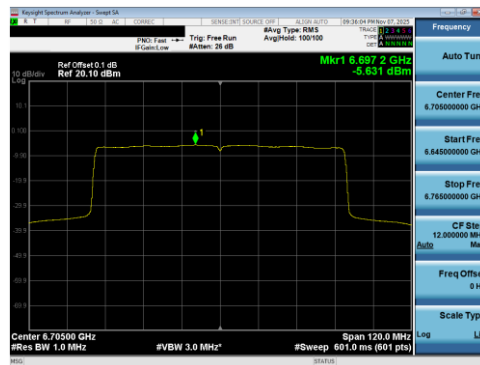
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 156 of 418

V 11.0 05/2025

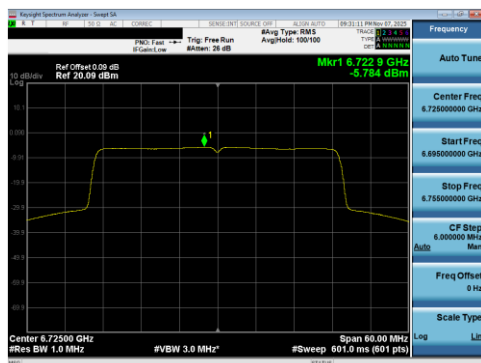
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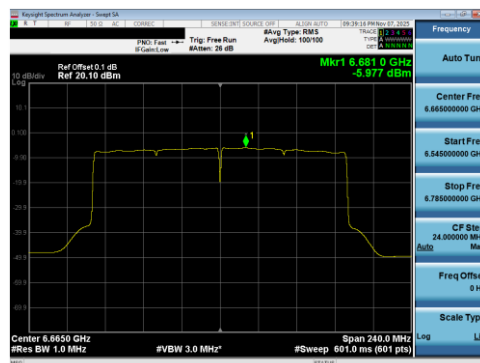
Plot 7-294 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.149)



Plot 7-296 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.151)

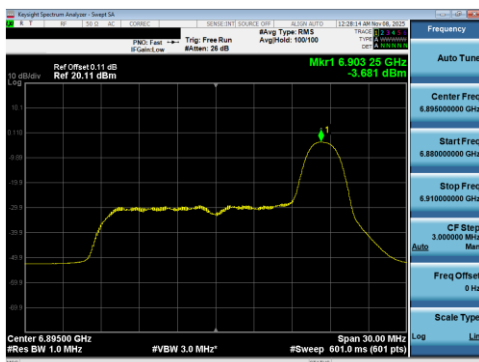


Plot 7-295 PSD Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.155)

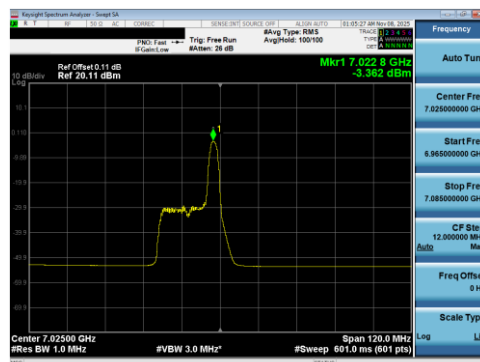


Plot 7-297 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.143)

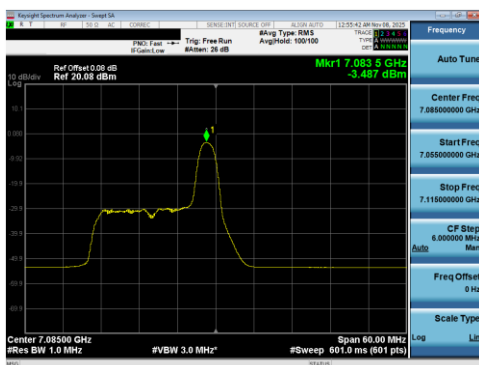
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		Page 157 of 418



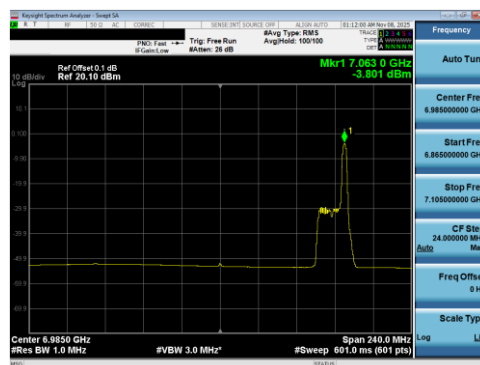
Plot 7-298 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index8 - Ch.189)



Plot 7-300 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index17 - Ch.215)

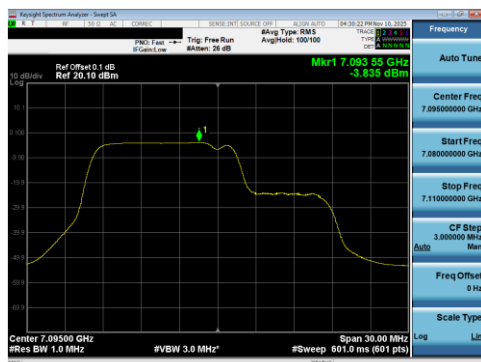


Plot 7-299 PSD Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index8 - Ch.227)

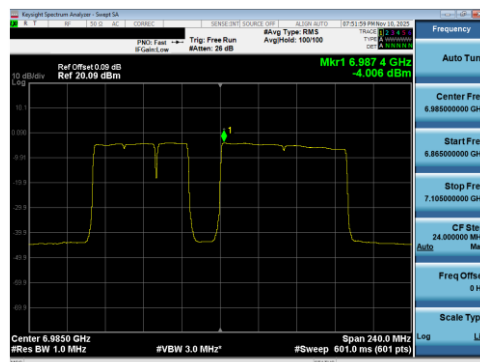


Plot 7-301 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index36 - Ch.207)

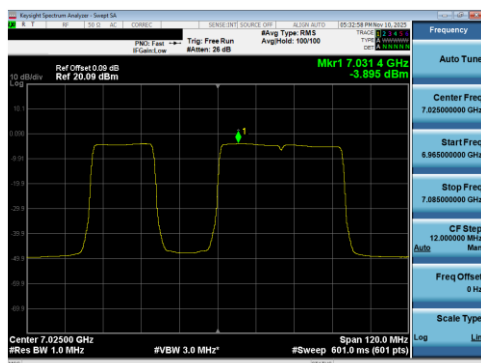
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 158 of 418



Plot 7-302 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index82 - Ch.229)

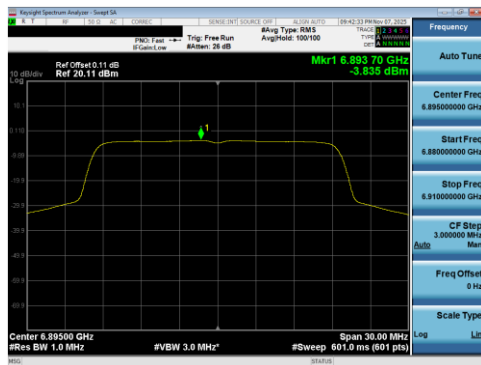


Plot 7-304 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index99 - Ch.207)

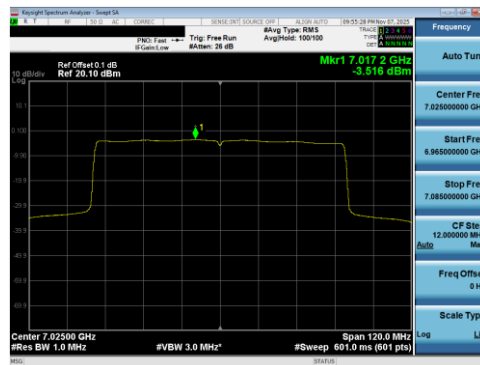


Plot 7-303 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.215)

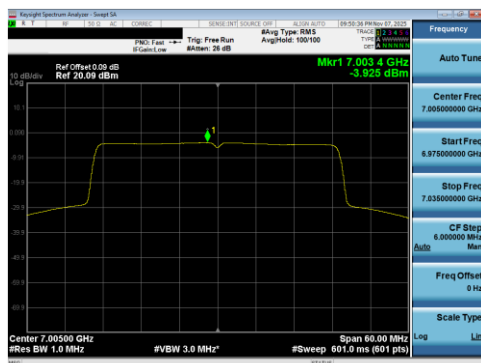
FCC ID: BCGA3459 IC: 579C-A3459	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 159 of 418



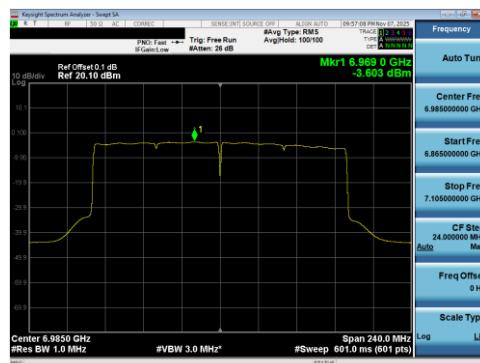
Plot 7-305 PSD Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.189)



Plot 7-307 PSD Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.215)



Plot 7-306 PSD Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.211)



Plot 7-308 PSD Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.207)

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 160 of 418

7.4.5 CDD/SDM Power Spectral Density Measurements – SP

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate	Antenna WF8 Measured Power Density [dBm/MHz]	Antenna WF7a Measured Power Density [dBm/MHz]	Summed MIMO 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	be (20MHz)	26	8	SDM	MCS5	7.17	6.78	9.99	4.25	14.24	17.00	-2.76
	6175	45	be (20MHz)	26	0	SDM	MCS5	6.60	6.48	9.55	3.46	13.01	17.00	-3.99
	6415	93	be (20MHz)	26	8	SDM	MCS5	6.31	6.32	9.32	2.43	11.75	17.00	-5.25
	5965	3	be (40MHz)	26	8	SDM	MCS5	7.29	6.71	10.02	4.25	14.27	17.00	-2.73
	6165	43	be (40MHz)	26	17	SDM	MCS5	6.67	6.29	9.49	3.46	12.96	17.00	-4.04
	6405	91	be (40MHz)	26	17	SDM	MCS5	6.66	6.53	9.61	2.43	12.03	17.00	-4.97
	5985	7	be (80MHz)	26	0	SDM	MCS5	6.98	6.95	9.97	4.25	14.22	17.00	-2.78
	6145	39	be (80MHz)	26	36	SDM	MCS5	6.36	6.59	9.49	3.46	12.95	17.00	-4.05
	6385	87	be (80MHz)	26	17	SDM	MCS5	6.74	6.52	9.64	2.43	12.07	17.00	-4.93
	6025	15	be (160MHz)	26	0-L	SDM	MCS5	6.95	6.77	9.87	4.25	14.12	17.00	-2.88
Band 6	6185	47	be (160MHz)	26	0-L	SDM	MCS5	6.46	6.51	9.50	3.46	12.96	17.00	-4.04
	6345	79	be (160MHz)	26	36-H	SDM	MCS5	6.74	6.53	9.65	2.43	12.07	17.00	-4.93
	6435	97	be (20MHz)	26	0	CDD	MCS5	5.73	5.82	8.78	5.40	14.18	17.00	-2.82
	6475	105	be (20MHz)	26	0	CDD	MCS5	5.61	5.83	8.73	5.40	14.13	17.00	-2.87
	6515	113	be (20MHz)	26	0	CDD	MCS5	5.76	5.68	8.73	5.40	14.13	17.00	-2.87
	6445	99	be (40MHz)	26	8	CDD	MCS5	5.78	5.88	8.84	5.40	14.24	17.00	-2.76
	6485	107	be (40MHz)	26	8	CDD	MCS5	5.87	5.64	8.77	5.40	14.17	17.00	-2.83
	6525	115	be (40MHz)	26	0	SDM	MCS5	5.70	5.43	8.58	2.62	11.20	17.00	-5.80
	6465	103	be (80MHz)	26	36	CDD	MCS5	5.63	5.53	8.59	5.40	13.99	17.00	-3.01
	6505	111	be (160MHz)	26	36-L	SDM	MCS5	5.86	5.39	8.64	2.62	11.26	17.00	-5.74
Band 7	6535	117	be (20MHz)	26	0	CDD	MCS5	5.31	5.75	8.55	5.44	13.98	17.00	-3.02
	6695	149	be (20MHz)	26	0	CDD	MCS5	5.60	5.69	8.66	5.44	14.09	17.00	-2.91
	6855	181	be (20MHz)	26	8	CDD	MCS5	5.66	5.57	8.62	5.44	14.06	17.00	-2.94
	6565	123	be (40MHz)	26	8	CDD	MCS5	5.57	5.18	8.39	5.44	13.83	17.00	-3.17
	6725	155	be (40MHz)	26	0	CDD	MCS5	5.60	5.48	8.55	5.44	13.99	17.00	-3.01
	6845	179	be (40MHz)	26	8	CDD	MCS5	5.33	5.62	8.49	5.44	13.93	17.00	-3.07
	6545	119	be (80MHz)	26	0	SDM	MCS5	5.34	5.52	8.44	2.46	10.89	17.00	-6.11
	6705	151	be (80MHz)	26	0	SDM	MCS5	5.29	5.64	8.48	2.46	10.93	17.00	-6.07
	6785	167	be (80MHz)	26	17	SDM	MCS5	5.68	5.30	8.50	2.46	10.96	17.00	-6.04
	6665	143	be (160MHz)	26	36-H	CDD	MCS5	5.61	5.58	8.61	5.44	14.04	17.00	-2.96

Table 7-98. Power Spectral Density Measurements CDD/SDM (RU26)

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate	Antenna WF8 Measured Power Density [dBm/MHz]	Antenna WF7a Measured Power Density [dBm/MHz]	Summed MIMO 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	be (20MHz)	106+26	83	SDM	MCS5	6.91	6.29	9.62	4.25	13.87	17.00	-3.13
	6175	45	be (20MHz)	106+26	82	SDM	MCS5	6.50	6.38	9.45	3.46	12.92	17.00	-4.08
	6415	93	be (20MHz)	106+26	82	SDM	MCS5	6.32	6.51	9.43	2.43	11.86	17.00	-5.14
	5985	7	be (80MHz)	484+242	92	CDD	MCS5	-0.08	-0.06	2.94	7.26	10.20	17.00	-6.80
	6145	39	be (80MHz)	484+242	91	CDD	MCS5	1.93	2.26	5.11	6.47	11.58	17.00	-5.42
	6385	87	be (80MHz)	484+242	91	CDD	MCS5	2.12	2.93	5.55	5.35	10.90	17.00	-6.10
	6025	15	be (160MHz)	996+484+242	96-L	CDD	MCS5	-3.49	-3.53	-0.50	7.26	6.76	17.00	-10.24
	6185	47	be (160MHz)	996+484+242	96-L	CDD	MCS5	-2.55	-2.24	0.62	6.47	7.09	17.00	-9.91
	6345	79	be (160MHz)	996+484+242	99-L	CDD	MCS5	-1.04	-1.29	1.85	5.35	7.20	17.00	-9.80
	6435	97	be (20MHz)	106+26	82	CDD	MCS5	5.29	5.48	8.40	5.40	13.80	17.00	-3.20
Band 6	6475	105	be (20MHz)	106+26	83	CDD	MCS5	5.41	5.43	8.43	5.40	13.83	17.00	-3.17
	6515	113	be (20MHz)	106+26	82	CDD	MCS5	5.32	5.47	8.41	5.40	13.81	17.00	-3.19
	6465	103	be (80MHz)	484+242	91	CDD	MCS5	1.13	0.76	3.96	5.40	9.36	17.00	-7.64
	6505	111	be (160MHz)	996+484+242	97-L	CDD	MCS5	-2.20	-2.44	0.69	5.40	6.09	17.00	-10.91
	6535	117	be (20MHz)	106+26	82	CDD	MCS5	5.26	5.41	8.34	5.44	13.78	17.00	-3.22
Band 7	6695	149	be (20MHz)	106+26	82	CDD	MCS5	5.29	5.58	8.45	5.44	13.89	17.00	-3.11
	6855	181	be (20MHz)	106+26	82	CDD	MCS5	5.39	5.38	8.40	5.44	13.84	17.00	-3.16
	6545	119	be (80MHz)	484+242	91	CDD	MCS5	0.67	1.14	3.92	5.44	9.36	17.00	-7.64
	6705	151	be (80MHz)	484+242	92	CDD	MCS5	0.92	0.86	3.90	5.44	9.34	17.00	-7.66
	6785	167	be (80MHz)	484+242	92	CDD	MCS5	1.13	1.00	4.07	5.44	9.51	17.00	-7.49
	6665	143	be (160MHz)	996+484+242	99-L	CDD	MCS5	-2.40	-2.61	0.51	5.44	5.95	17.00	-11.05

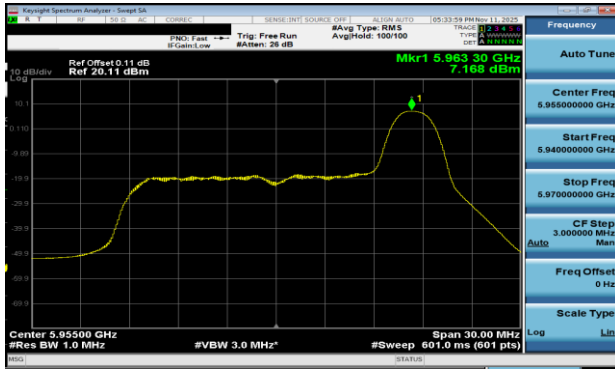
Table 7-99. Power Spectral Density Measurements CDD/SDM (MRU)

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 161 of 418

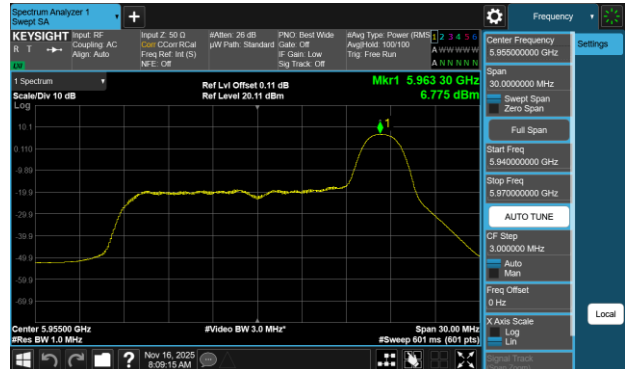
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate	Antenna WF8 Measured Power Density [dBm/MHz]	Antenna WF7a Measured Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	be (20MHz)	242	61	SDM	MCS5	5.89	6.38	9.15	4.25	13.40	17	-3.60
	6175	45	be (20MHz)	242	61	SDM	MCS5	6.95	6.55	9.76	3.46	13.22	17	-3.78
	6415	93	be (20MHz)	242	61	SDM	MCS5	6.89	6.30	9.62	2.43	12.05	17	-4.95
	5965	3	be (40MHz)	484	65	CDD	MCS5	2.89	3.13	6.02	7.26	13.28	17	-3.72
	6165	43	be (40MHz)	484	65	CDD	MCS5	3.78	3.19	6.51	6.47	12.98	17	-4.02
	6405	91	be (40MHz)	484	65	CDD	MCS5	4.19	3.52	6.88	5.35	12.23	17	-4.77
	5985	7	be (80MHz)	996	67	CDD	MCS5	-0.78	-0.44	2.40	7.26	9.66	17	-7.34
	6145	39	be (80MHz)	996	67	CDD	MCS5	0.93	0.32	3.65	6.47	10.12	17	-6.88
	6385	87	be (80MHz)	996	67	CDD	MCS5	1.33	0.32	3.86	5.35	9.21	17	-7.79
	6025	15	be (160MHz)	996x2	68	CDD	MCS5	-4.04	-4.03	-1.02	7.26	6.24	17	-10.76
	6185	47	be (160MHz)	996x2	68	CDD	MCS5	-1.82	-2.37	0.92	6.47	7.39	17	-9.61
	6345	79	be (160MHz)	996x2	68	CDD	MCS5	-1.46	-2.27	1.16	5.35	6.51	17	-10.49
Band 6	6435	97	be (20MHz)	242	61	CDD	MCS5	6.01	5.04	8.56	5.40	13.96	17	-3.04
	6475	105	be (20MHz)	242	61	CDD	MCS5	5.86	5.44	8.67	5.40	14.07	17	-2.93
	6515	113	be (20MHz)	242	61	CDD	MCS5	5.79	5.44	8.63	5.40	14.03	17	-2.97
	6445	99	be (40MHz)	484	65	CDD	MCS5	2.79	2.28	5.55	5.40	10.95	17	-6.05
	6485	107	be (40MHz)	484	65	CDD	MCS5	2.86	2.36	5.63	5.40	11.03	17	-5.97
	6525	115	be (40MHz)	484	65	CDD	MCS5	2.76	2.36	5.57	5.40	10.97	17	-6.03
	6465	103	be (80MHz)	996	67	CDD	MCS5	-0.25	-0.57	2.60	5.40	8.00	17	-9.00
	6505	111	be (160MHz)	996x2	68	CDD	MCS5	-2.95	-3.35	-0.14	5.40	5.26	17	-11.74
	6535	117	be (20MHz)	242	61	CDD	MCS5	5.90	4.91	8.44	5.44	13.88	17	-3.12
	6695	149	be (20MHz)	242	61	CDD	MCS5	6.33	4.89	8.68	5.44	14.12	17	-2.88
Band 7	6855	181	be (20MHz)	242	61	CDD	MCS5	5.84	5.66	8.76	5.44	14.20	17	-2.80
	6565	123	be (40MHz)	484	65	CDD	MCS5	3.08	2.47	5.80	5.44	11.24	17	-5.76
	6725	155	be (40MHz)	484	65	CDD	MCS5	3.53	2.47	6.04	5.44	11.48	17	-5.52
	6845	179	be (40MHz)	484	65	CDD	MCS5	3.24	2.48	5.89	5.44	11.33	17	-5.67
	6545	119	be (80MHz)	996	67	CDD	MCS5	0.01	-0.52	2.76	5.44	8.20	17	-8.80
	6705	151	be (80MHz)	996	67	CDD	MCS5	0.37	-0.54	2.95	5.44	8.39	17	-8.61
	6785	167	be (80MHz)	996	67	CDD	MCS5	0.33	-0.42	2.98	5.44	8.42	17	-8.58
	6665	143	be (160MHz)	996x2	68	CDD	MCS5	-2.23	-3.63	0.14	5.44	5.58	17	-11.42

Table 7-100. Power Spectral Density Measurements CDD/SDM (Fully – Loaded RU)

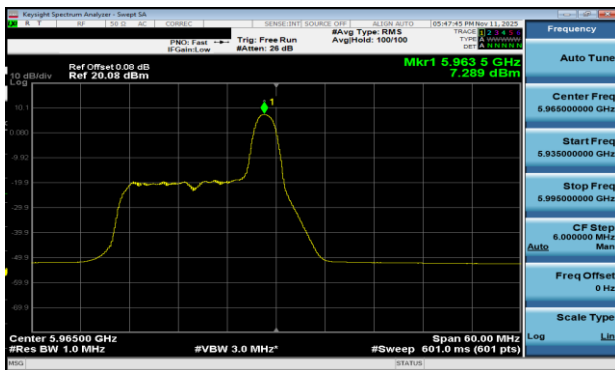
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG		Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 162 of 418



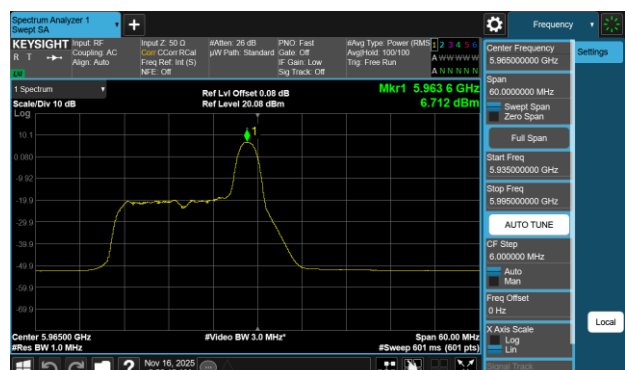
Plot 7-309 PSD SDM Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index8 - Ch.1)



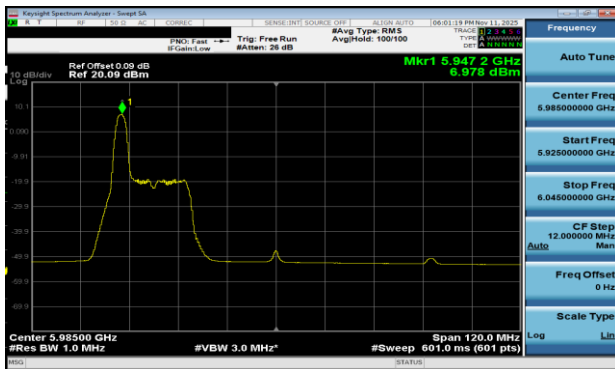
Plot 7-313 PSD SDM Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index8 - Ch.1)



Plot 7-310 PSD SDM Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index8 - Ch.3)



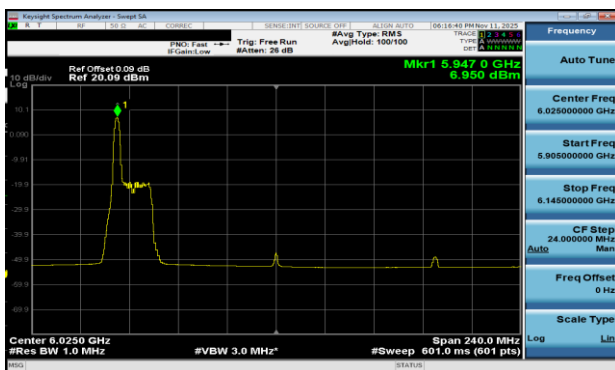
Plot 7-314 PSD SDM Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index8 - Ch.3)



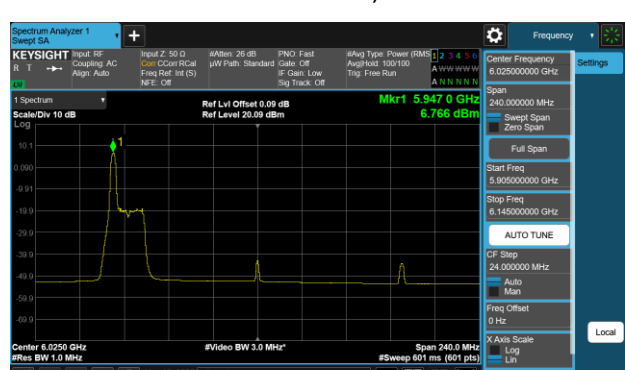
Plot 7-311 PSD SDM Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index0 - Ch.7)



Plot 7-315 PSD SDM Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index0 - Ch.7)

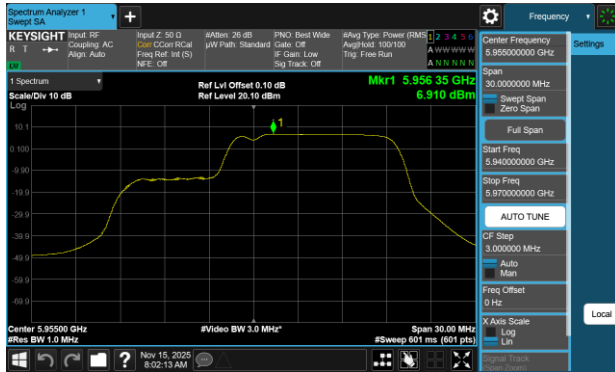


Plot 7-312 PSD SDM Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index0 - Ch.15)

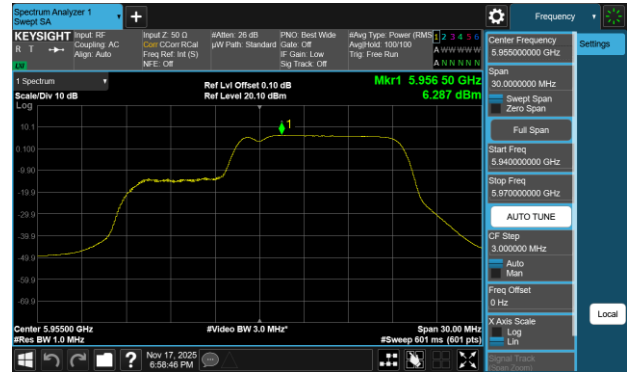


Plot 7-316 PSD SDM Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index0 - Ch.15)

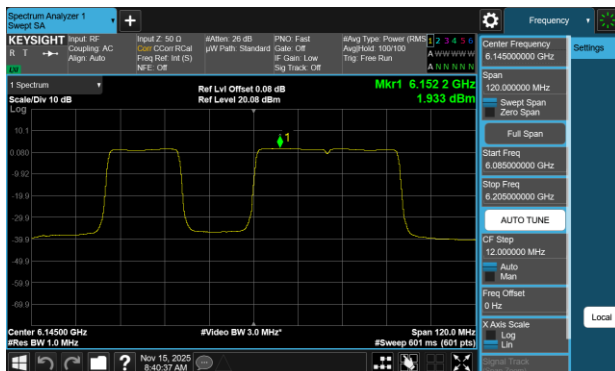
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		Page 163 of 418



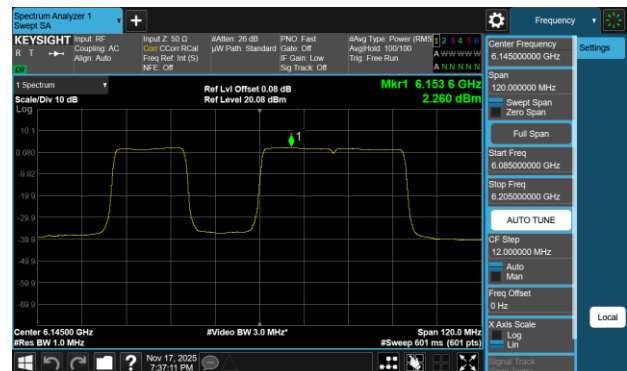
Plot 7-317 PSD SDM Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.1)



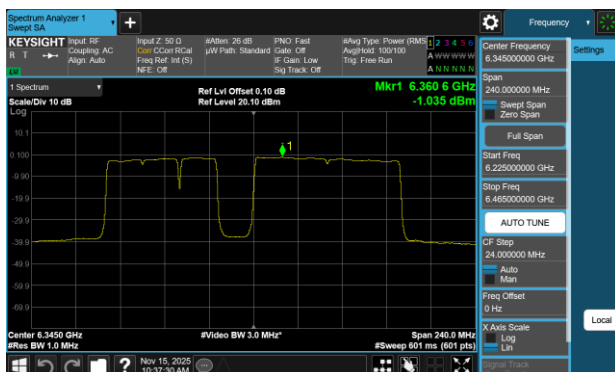
Plot 7-320 PSD SDM Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.1)



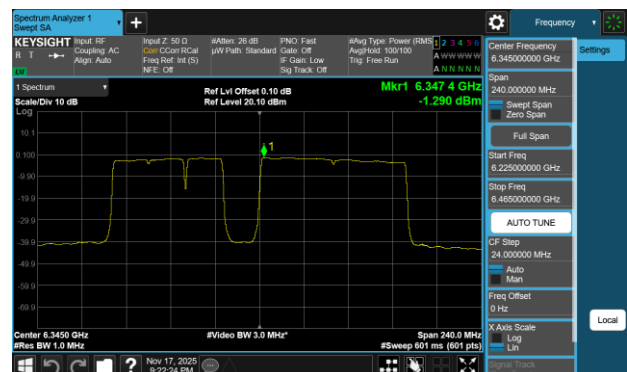
Plot 7-318 PSD CDD Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.39)



Plot 7-321 PSD CDD Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.39)



Plot 7-319 PSD CDD Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index99 - Ch.79)



Plot 7-322 PSD CDD Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index99 - Ch.79)

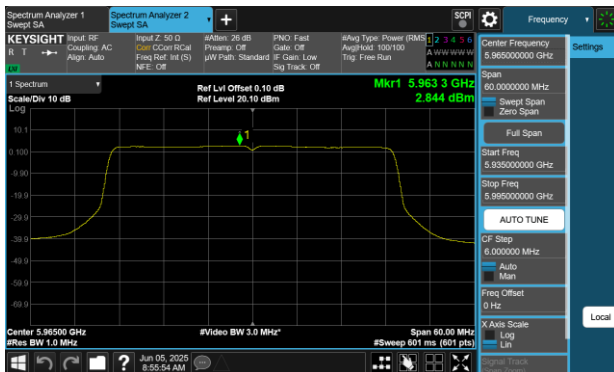
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		Page 164 of 418



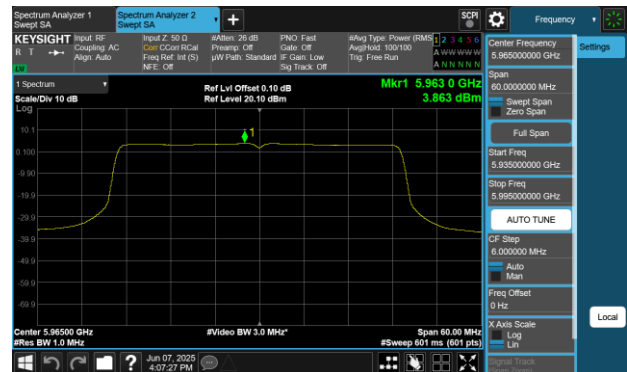
Plot 7-323 PSD SDM Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 - Ch.93)



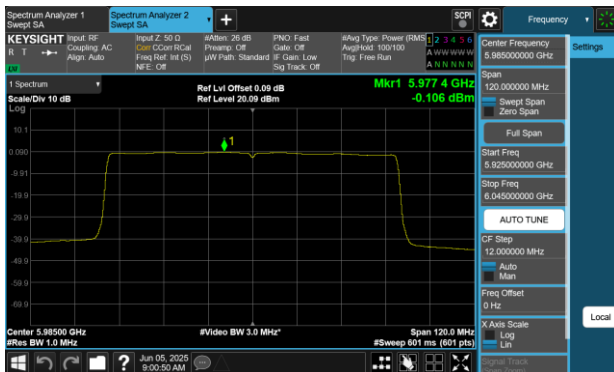
Plot 7-327 PSD SDM Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.93)



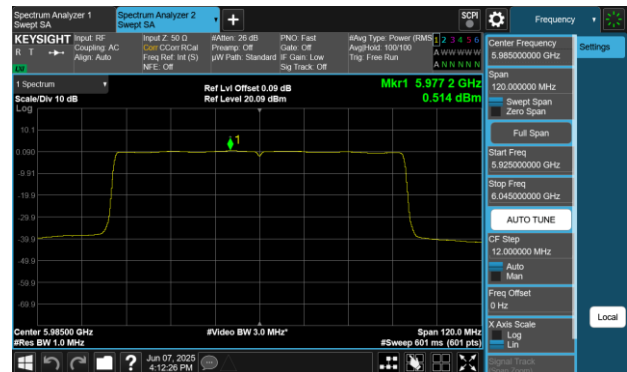
Plot 7-324 PSD CDD Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 - Ch.3)



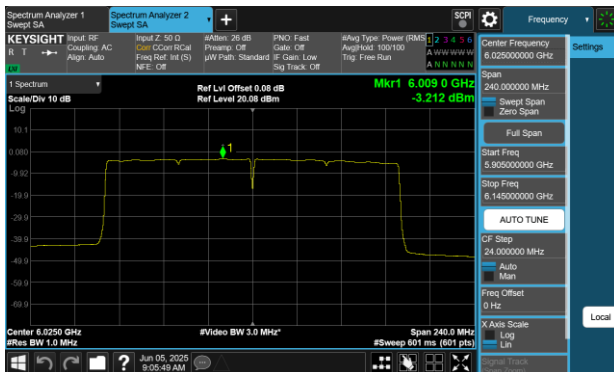
Plot 7-328 PSD CDD Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.3)



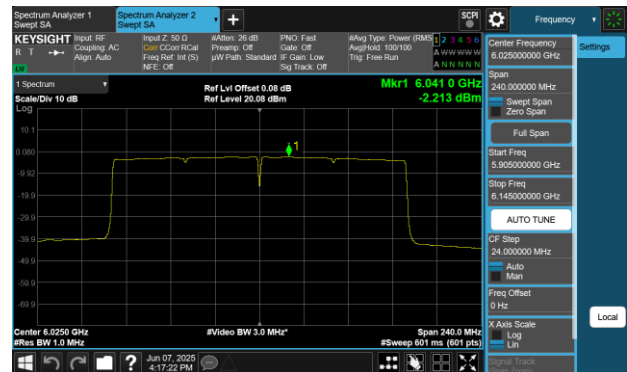
Plot 7-325 PSD CDD Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 - Ch.7)



Plot 7-329 PSD CDD Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.7)



Plot 7-326 PSD CDD Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.15)



Plot 7-330 PSD CDD Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.15)

FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		Page 165 of 418



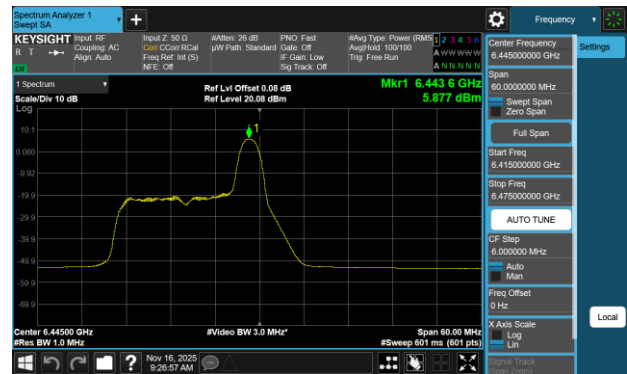
Plot 7-331 PSD SDM Antenna WF8 (20MHz BW 802.11be(RU) RU26 Index0 - Ch.97)



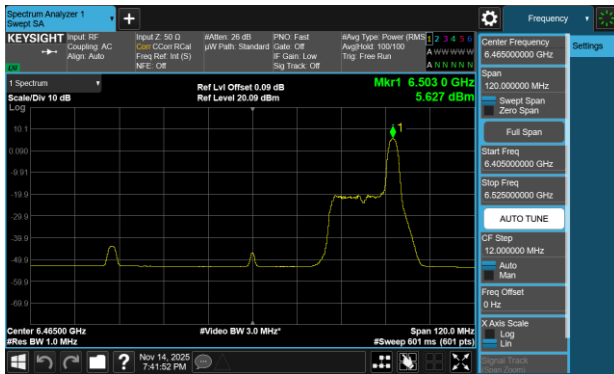
Plot 7-335 PSD SDM Antenna WF7a (20MHz BW 802.11be(RU) RU26 Index0 - Ch.97)



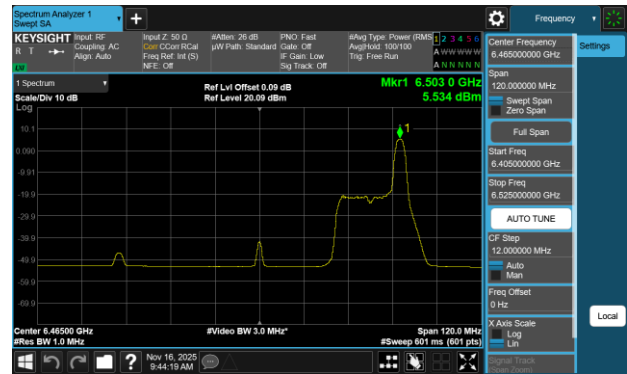
Plot 7-332 PSD CDD Antenna WF8 (40MHz BW 802.11be(RU) RU26 Index8 - Ch.99)



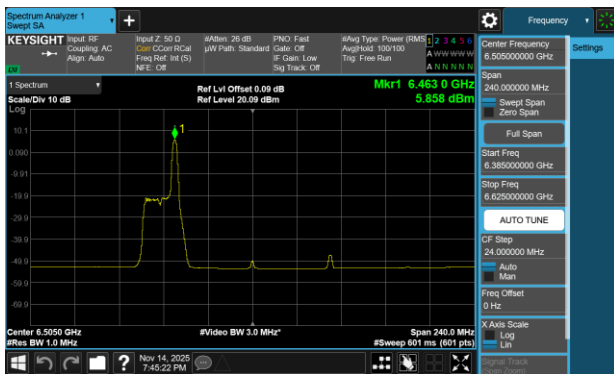
Plot 7-336 PSD CDD Antenna WF7a (40MHz BW 802.11be(RU) RU26 Index8 - Ch.99)



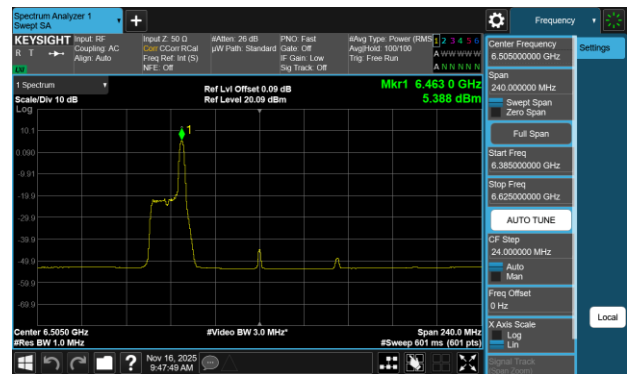
Plot 7-333 PSD CDD Antenna WF8 (80MHz BW 802.11be(RU) RU26 Index36 - Ch.103)



Plot 7-337 PSD CDD Antenna WF7a (80MHz BW 802.11be(RU) RU26 Index36 - Ch.103)

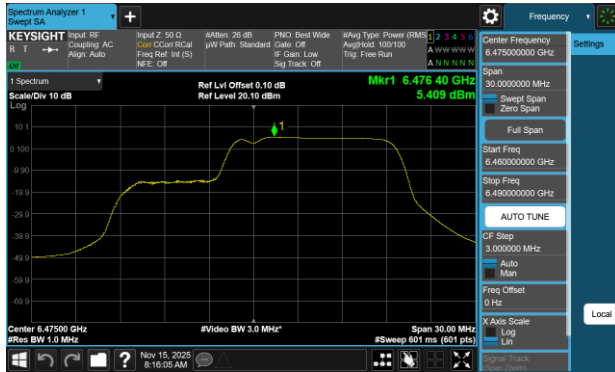


Plot 7-334 PSD SDM Antenna WF8 (160MHz BW 802.11be(RU) RU26 Index17 - Ch.111)

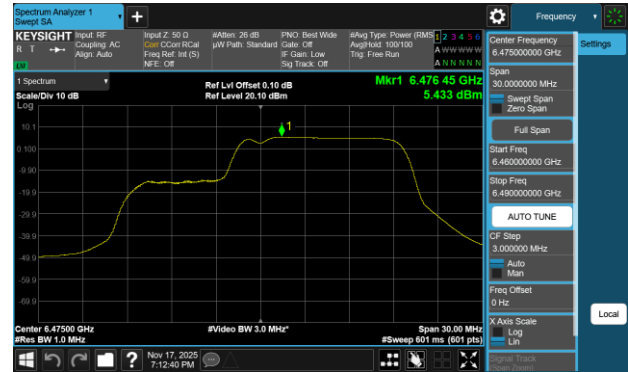


Plot 7-338 PSD SDM Antenna WF7a (160MHz BW 802.11be(RU) RU26 Index17 - Ch.111)

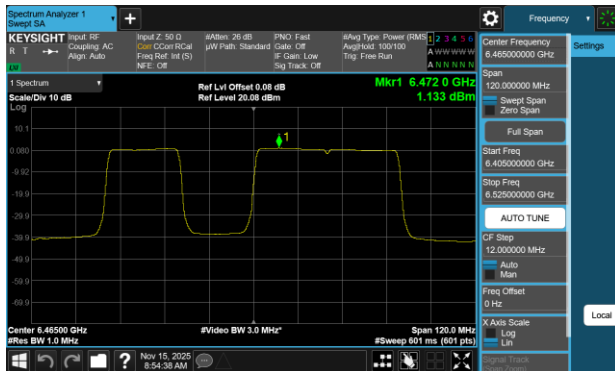
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 166 of 418



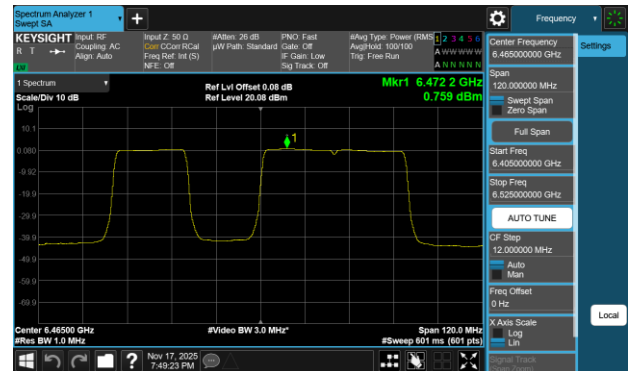
Plot 7-339 PSD CDD Antenna WF8 (20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.105)



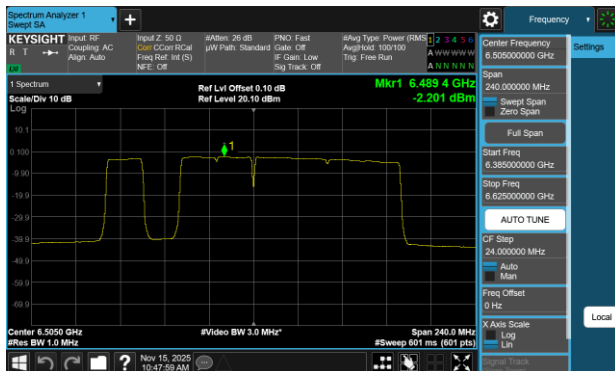
Plot 7-342 PSD CDD Antenna WF7a (20MHz BW 802.11be(RU) RU106+26 Index83 - Ch.105)



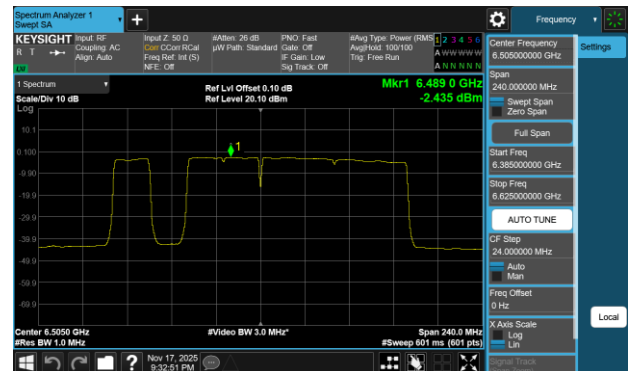
Plot 7-340 PSD CDD Antenna WF8 (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.103)



Plot 7-343 PSD CDD Antenna WF7a (80MHz BW 802.11be(RU) RU484+242 Index91 - Ch.103)



Plot 7-341 PSD CDD Antenna WF8 (160MHz BW 802.11be(RU) RU996+484+242 Index97 - Ch.111)



Plot 7-344 PSD CDD Antenna WF7a (160MHz BW 802.11be(RU) RU996+484+242 Index97 - Ch.111)

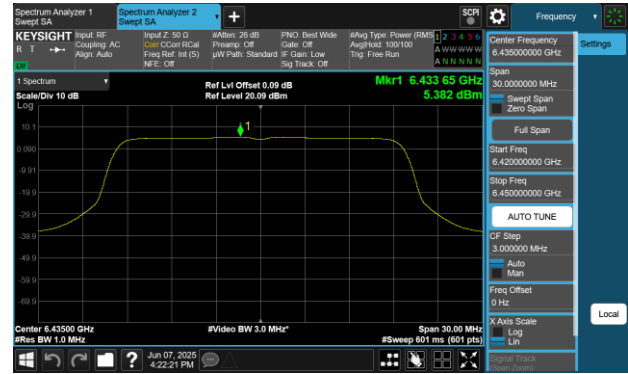
FCC ID: BCGA3459 IC: 579C-A3459		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device		Page 167 of 418

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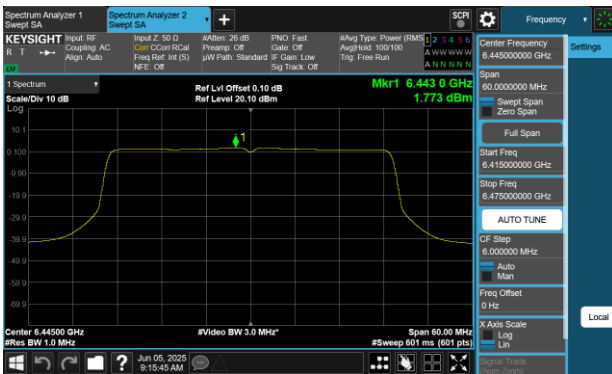
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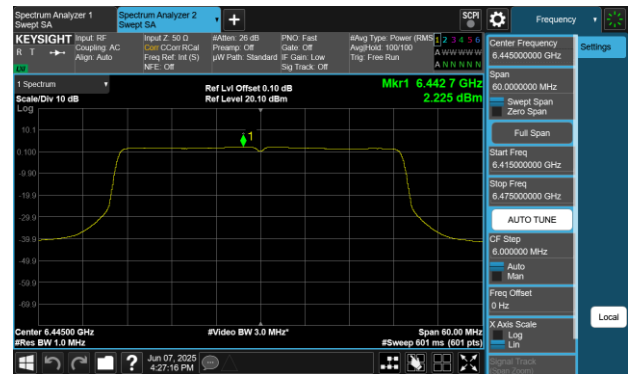
Plot 7-345 PSD CDD Antenna WF8 (20MHz BW 802.11be(RU) RU242 Index61 - Ch.97)



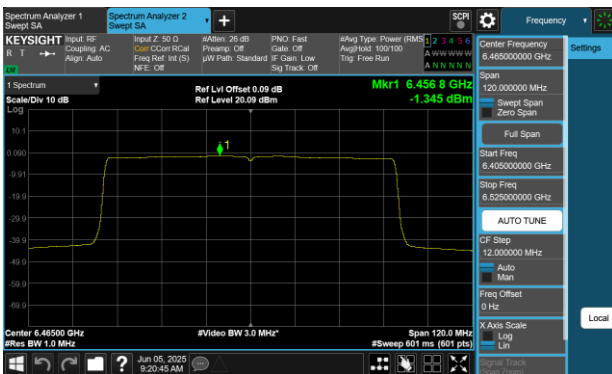
Plot 7-349 PSD CDD Antenna WF7a (20MHz BW 802.11be(RU) RU242 Index61 - Ch.97)



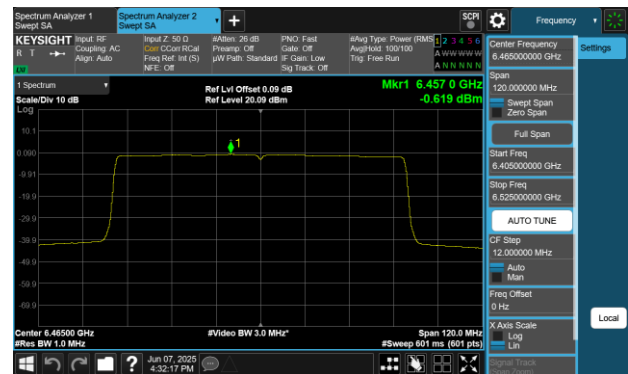
Plot 7-346 PSD CDD Antenna WF8 (40MHz BW 802.11be(RU) RU484 Index65 - Ch.99)



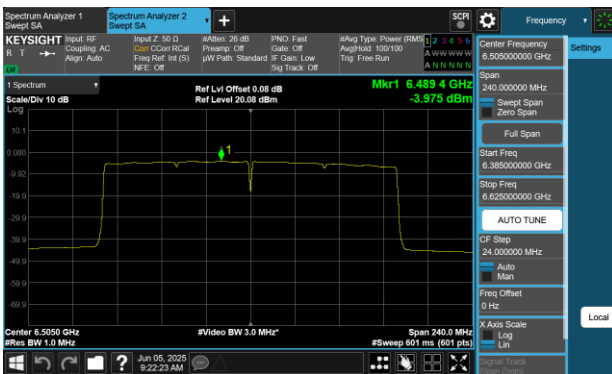
Plot 7-350 PSD CDD Antenna WF7a (40MHz BW 802.11be(RU) RU484 Index65 - Ch.99)



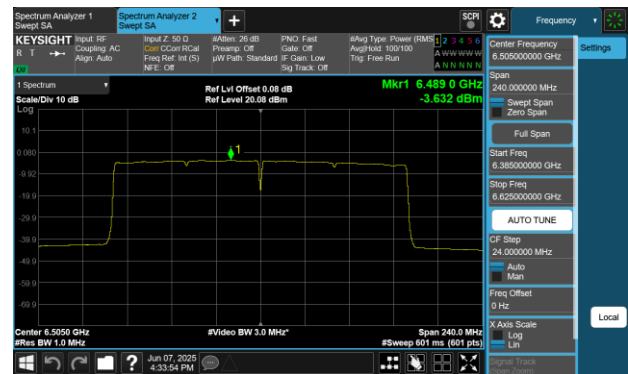
Plot 7-347 PSD CDD Antenna WF8 (80MHz BW 802.11be(RU) RU996 Index67 - Ch.103)



Plot 7-351 PSD CDD Antenna WF7a (80MHz BW 802.11be(RU) RU996 Index67 - Ch.103)



Plot 7-348 PSD CDD Antenna WF8 (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.111)



Plot 7-352 PSD CDD Antenna WF7a (160MHz BW 802.11be(RU) RU996X2 Index68 - Ch.111)

FCC ID: BCGA3459 IC: 579C-A3459	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100079-16-R5.BCG	Test Dates: 09/18/2025 - 12/2/2025	EUT Type: Tablet Device	Page 168 of 418