

7.3.9 CDD Diversity Conducted Output Power Measurements – SP

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5955	1	CDD	6Mbps	18.94	18.79	21.88	1.50	23.38	30.00	-6.62
	6175	45	CDD	36Mbps	18.80	18.99	21.90	0.40	22.30	30.00	-7.70
	6415	93	CDD	6Mbps	18.85	18.92	21.90	0.40	22.30	30.00	-7.70
	6435	97	CDD	36Mbps	17.29	17.16	20.24	1.10	21.34	30.00	-8.66
	6475	105	CDD	36Mbps	17.24	17.19	20.22	1.10	21.32	30.00	-8.68
	6515	113	CDD	36Mbps	17.27	17.28	20.28	1.10	21.38	30.00	-8.62
	6535	117	CDD	36Mbps	17.38	17.27	20.33	0.70	21.03	30.00	-8.97
	6695	149	CDD	36Mbps	17.46	17.13	20.31	0.70	21.01	30.00	-8.99
	6855	181	CDD	6Mbps	17.37	17.49	20.44	0.70	21.14	30.00	-8.86

Table 7-48. CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5955	1	CDD	MCS3	18.87	18.89	21.89	1.50	23.39	30.00	-6.61
	6175	45	CDD	MCS3	18.75	18.93	21.85	0.40	22.25	30.00	-7.75
	6415	93	CDD	MCS0	18.82	18.93	21.88	0.40	22.28	30.00	-7.72
	6435	97	CDD	MCS0	17.25	17.15	20.21	1.10	21.31	30.00	-8.69
	6475	105	CDD	MCS0	17.23	17.18	20.21	1.10	21.31	30.00	-8.69
	6515	113	CDD	MCS3	17.24	17.25	20.25	1.10	21.35	30.00	-8.65
	6535	117	CDD	MCS5	17.39	17.50	20.46	0.70	21.16	30.00	-8.84
	6695	149	CDD	MCS3	17.48	17.35	20.43	0.70	21.13	30.00	-8.87
	6855	181	CDD	MCS0	17.34	17.45	20.41	0.70	21.11	30.00	-8.89

Table 7-49. CDD Diversity 20MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5965	3	CDD	MCS3	18.79	18.84	21.83	1.50	23.33	30.00	-6.67
	6165	43	CDD	MCS0	18.96	18.80	21.89	0.40	22.29	30.00	-7.71
	6405	91	CDD	MCS0	18.69	18.93	21.82	0.40	22.22	30.00	-7.78
	6445	99	CDD	MCS0	17.11	17.46	20.30	1.10	21.40	30.00	-8.60
	6485	107	CDD	MCS3	17.37	17.40	20.40	1.10	21.50	30.00	-8.50
	6525	115	CDD	MCS0	17.32	17.33	20.33	0.70	21.03	30.00	-8.97
	6565	123	CDD	MCS3	17.33	17.47	20.41	0.70	21.11	30.00	-8.89
	6725	155	CDD	MCS3	17.38	17.32	20.36	0.70	21.06	30.00	-8.94
	6845	179	CDD	MCS0	17.27	17.44	20.36	0.70	21.06	30.00	-8.94

Table 7-50. CDD Diversity 40MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5985	7	CDD	MCS0	18.65	18.98	21.83	1.50	23.33	30.00	-6.67
	6145	39	CDD	MCS0	18.70	18.77	21.74	0.40	22.14	30.00	-7.86
	6385	87	CDD	MCS5	18.66	18.74	21.71	0.40	22.11	30.00	-7.89
	6465	103	CDD	MCS5	17.18	17.31	20.26	1.10	21.36	30.00	-8.64
	6545	119	CDD	MCS5	17.12	17.32	20.23	0.70	20.93	30.00	-9.07
	6705	151	CDD	MCS5	17.24	17.30	20.28	0.70	20.98	30.00	-9.02
	6785	167	CDD	MCS0	17.20	17.50	20.36	0.70	21.06	30.00	-8.94

Table 7-51. CDD Diversity 80MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	6025	15	CDD	MCS3	18.93	18.73	21.84	1.50	23.34	30.00	-6.66
	6185	47	CDD	MCS3	18.97	18.70	21.85	0.40	22.25	30.00	-7.75
	6345	79	CDD	MCS5	18.91	18.97	21.95	0.40	22.35	30.00	-7.65
	6505	111	CDD	MCS0	17.38	17.14	20.27	1.10	21.37	30.00	-8.63
	6665	143	CDD	MCS0	17.43	17.47	20.46	0.70	21.16	30.00	-8.84

Table 7-52. CDD Diversity 160MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 58 of 239	

7.3.10 CDD/SDM Diversity Conducted Output Power Measurements – LPI

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5955	1	CDD	6Mbps	1.33	1.36	4.36	1.50	5.86	24.00	-18.14
	6175	45	CDD	36Mbps	2.57	2.58	5.59	0.40	5.99	24.00	-18.01
	6415	93	CDD	18Mbps	2.70	2.66	5.69	0.40	6.09	24.00	-17.91
	6435	97	CDD	6Mbps	2.41	2.39	5.41	1.10	6.51	24.00	-17.49
	6475	105	CDD	36Mbps	2.39	2.35	5.38	1.10	6.48	24.00	-17.52
	6515	113	CDD	6Mbps	2.30	2.39	5.36	1.10	6.46	24.00	-17.54
	6535	117	CDD	36Mbps	1.97	1.99	4.99	0.70	5.69	24.00	-18.31
	6695	149	CDD	6Mbps	1.90	1.95	4.93	0.70	5.63	24.00	-18.37
	6875	185	CDD	18Mbps	1.76	1.79	4.79	0.70	5.49	24.00	-18.51
	6895	189	CDD	36Mbps	1.62	1.72	4.68	0.00	4.68	24.00	-19.32
	6995	209	CDD	6Mbps	1.69	1.77	4.74	0.00	4.74	24.00	-19.26
	7115	233	CDD	18Mbps	1.11	0.80	3.97	0.00	3.97	24.00	-20.03

Table 7-53. CDD Diversity 20MHz BW 802.11a (UNII) Maximum Conducted Output Power

6GHz (20MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5955	1	SDM	MCS3	4.14	4.25	7.20	0.65	7.85	24.00	-16.15
	6175	45	SDM	MCS3	5.68	5.69	8.70	0.11	8.81	24.00	-15.19
	6415	93	SDM	MCS3	5.71	5.64	8.69	-0.03	8.66	24.00	-15.34
	6435	97	SDM	MCS3	5.60	5.41	8.52	0.50	9.02	24.00	-14.98
	6475	105	SDM	MCS0	5.45	5.34	8.41	0.50	8.91	24.00	-15.09
	6515	113	SDM	MCS0	5.54	5.43	8.50	0.50	9.00	24.00	-15.00
	6535	117	SDM	MCS0	4.74	4.84	7.80	0.65	8.45	24.00	-15.55
	6695	149	SDM	MCS0	4.78	4.76	7.78	0.65	8.43	24.00	-15.57
	6875	185	SDM	MCS5	5.05	4.86	7.97	0.65	8.62	24.00	-15.38
	6895	189	SDM	MCS0	5.10	4.79	7.96	-0.34	7.62	24.00	-16.38
	6995	209	SDM	MCS3	4.95	5.06	8.01	-0.34	7.67	24.00	-16.33
	7115	233	SDM	MCS0	3.96	4.23	7.11	-0.34	6.77	24.00	-17.23

Table 7-54. SDM Diversity 20MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

6GHz (40MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5965	3	SDM	MCS0	7.39	7.23	10.32	0.65	10.97	24.00	-13.03
	6165	43	SDM	MCS3	8.56	8.50	11.54	0.11	11.65	24.00	-12.35
	6405	91	SDM	MCS3	8.65	8.65	11.66	-0.03	11.63	24.00	-12.37
	6445	99	SDM	MCS0	8.29	8.44	11.37	0.50	11.87	24.00	-12.13
	6485	107	SDM	MCS3	8.30	8.24	11.28	0.50	11.78	24.00	-12.22
	6525	115	SDM	MCS5	7.91	7.97	10.95	0.65	11.60	24.00	-12.40
	6565	123	SDM	MCS3	7.95	7.96	10.96	0.65	11.61	24.00	-12.39
	6725	155	SDM	MCS5	7.80	7.81	10.82	0.65	11.47	24.00	-12.53
	6845	179	SDM	MCS0	7.83	7.88	10.86	0.65	11.51	24.00	-12.49
	6885	187	SDM	MCS3	7.44	7.71	10.59	-0.34	10.25	24.00	-13.75
	7005	211	SDM	MCS0	7.88	7.94	10.92	-0.34	10.58	24.00	-13.42
	7085	227	SDM	MCS0	7.84	7.94	10.90	-0.34	10.56	24.00	-13.44

Table 7-55. SDM Diversity 40MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

6GHz (80MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	5985	7	SDM	MCS5	10.22	10.28	13.26	0.65	13.91	24.00	-10.09
	6145	39	SDM	MCS5	11.66	11.55	14.61	0.11	14.72	24.00	-9.28
	6385	87	SDM	MCS3	11.68	11.69	14.70	-0.03	14.67	24.00	-9.33
	6465	103	SDM	MCS3	11.68	11.65	14.68	0.50	15.18	24.00	-8.82
	6545	119	SDM	MCS0	10.69	10.98	13.85	0.65	14.50	24.00	-9.50
	6705	151	SDM	MCS5	10.98	10.82	13.91	0.65	14.56	24.00	-9.44
	6865	183	SDM	MCS3	10.76	10.70	13.74	0.65	14.39	24.00	-9.61
	6945	199	SDM	MCS0	10.98	10.85	13.93	-0.34	13.59	24.00	-10.41
	7025	215	SDM	MCS5	10.97	10.86	13.93	-0.34	13.59	24.00	-10.41

Table 7-56. SDM Diversity 80MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

6GHz (160MHz Bandwidth)	Frequency [MHz]	Channel	Mode	Data Rate	Conducted Power [dBm]			Directional Ant. Gain [dBi]	Max e.i.r.p. [dBm]	Max e.i.r.p. Limit [dBm]	e.i.r.p. Margin [dB]
					Antenna WF8	Antenna WF7	Summed				
	6025	15	SDM	MCS5	13.10	13.03	16.07	0.65	16.72	24.00	-7.28
	6185	47	SDM	MCS5	14.13	14.21	17.18	0.11	17.29	24.00	-6.71
	6345	79	SDM	MCS0	14.43	14.40	17.43	-0.03	17.40	24.00	-6.60
	6505	111	SDM	MCS5	13.73	13.54	16.65	0.50	17.15	24.00	-6.85
	6665	143	SDM	MCS0	13.76	13.58	16.68	0.65	17.33	24.00	-6.67
	6825	175	SDM	MCS3	13.48	13.29	16.40	0.65	17.05	24.00	-6.95
	6985	207	SDM	MCS0	13.88	13.86	16.88	-0.34	16.54	24.00	-7.46

Table 7-57. SDM Diversity 160MHz BW 802.11be(SU) (UNII) Maximum Conducted Output Power

FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 59 of 239	

Note:

Per ANSI C63.10-2020 and KDB 662911 v02r01 Section E)1), the conducted powers at Antenna WF5B and Antenna WF8 were first measured separately during CDD/SDM transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10-2020 Subclause 14.6.3, the correlated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = G_{ANT} + \text{Array Gain dBi}$$

Per ANSI C63.10-2020 Subclause 14.6.3, the uncorrelated directional gain is calculated using the following formula, where G_N is the gain of the nth antenna and N_{ANT} , the total number of antennas used.

$$\text{Directional gain} = 10 \log [(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}] \text{ dBi}$$

Sample SDM Calculation:

At 5955MHz in 802.11be (20MHz BW) mode, the average conducted output power was measured to be 4.28 dBm for Antenna WF5B and 4.14 dBm for Antenna WF8.

$$\text{Antenna WF5B} + \text{Antenna WF8} = \text{SDM}$$

$$(4.28\text{dBm} + 4.14 \text{ dBm}) = (2.679\text{mW} + 2.594\text{mW}) = 5.273 \text{ mW} = 7.22 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5955MHz in 802.11be (20MHz BW), SDM mode, the average SDM conducted power was calculated to be 7.22 dBm with directional gain of 0.96 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$7.22 \text{ dBm} + 0.96 \text{ dBi} = 8.18 \text{ dBm}$$

FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device		Page 60 of 239

V 11.0 5/2025

7.4 Maximum Power Spectral Density

§15.407(a)(7)(8), RSS-248 [4.5.3], [4.5.5]

Test Overview and Limit

The spectrum analyzer was connected to the antenna terminal while the EUT was operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Method SA-1, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, was used to measure the power spectral density.

In the 5.925 – 7.125GHz band, the maximum permissible power spectral density must not exceed -1dBm e.i.r.p. in any 1-megahertz band for Low Power Indoor operating modes.

In the 5.925 – 6.875GHz bands, the maximum permissible power spectral density must not exceed 17dBm e.i.r.p. in any 1-megahertz band for Standard Power operating modes.

Test Procedure Used

ANSI C63.10-2020 – Section 12.4.2.2

KDB 789033 D02 v02r01 – Section F

ANSI C63.10-2020 – Section 14.5.2.2 Measure-and-Sum Technique

KDB 662911 v02r01 – Section E)2) Measure-and-Sum Technique

Test Settings

1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Set span to encompass the entire 99% OBW of the signal
3. RBW = 1MHz
4. VBW = 3MHz
5. Number of sweep points $\geq 2 \times (\text{span}/\text{RBW})$
6. Sweep time = auto
7. Detector = power averaging (RMS)
8. Trigger was set to free run for all modes
9. Trace was averaged over 100 sweeps
10. The peak search function of the spectrum analyzer was used to find the peak of the spectrum.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

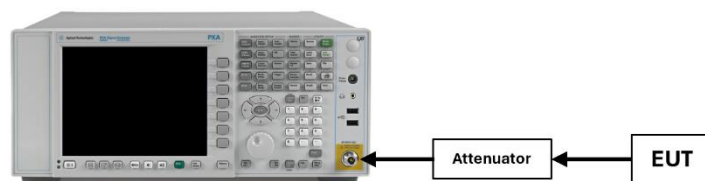


Figure 7-3. Test Instrument & Measurement Setup

Test Notes

1. All data rates and channels were investigated, and tabular data has been reported. Only the worst-case plot was reported.

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 61 of 239

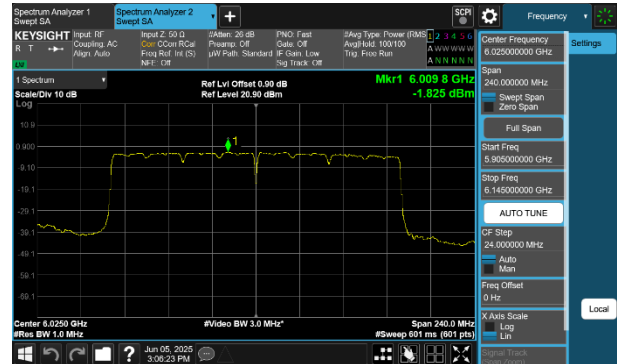
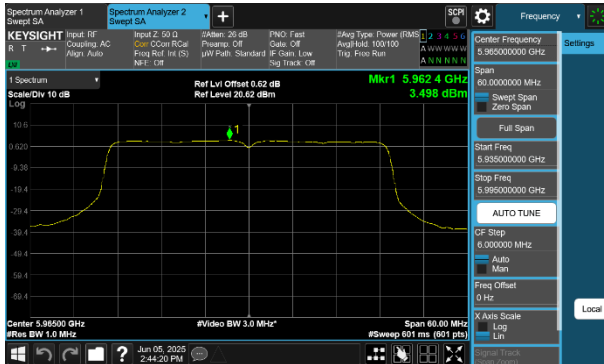
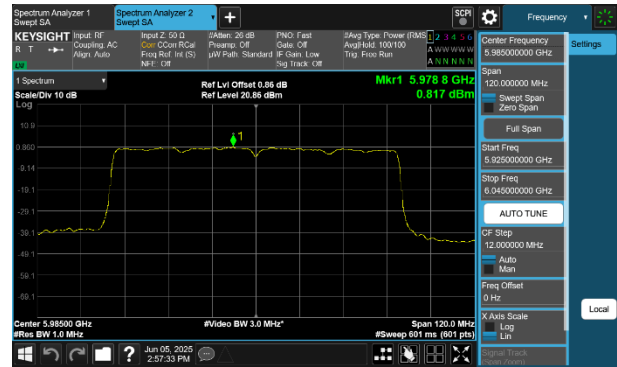
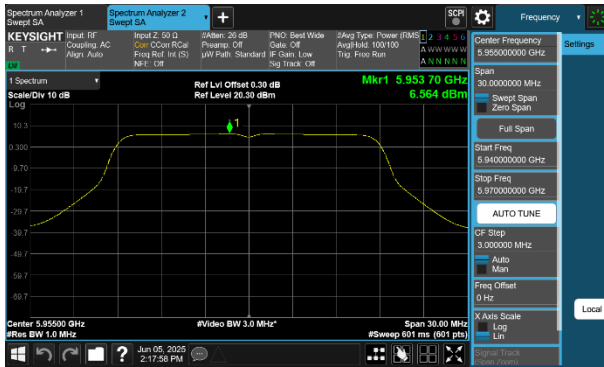
V 11.0 5/2025

7.4.1 Antenna WF5B Power Spectral Density Measurements – SP

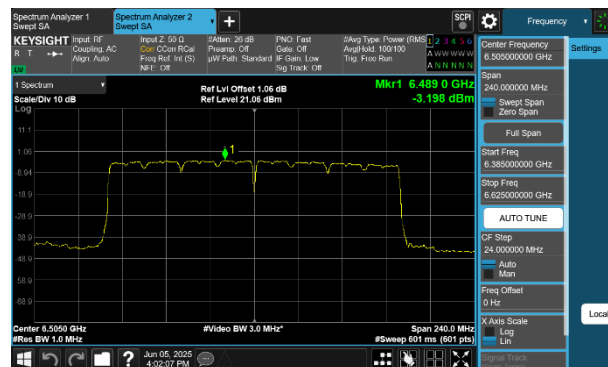
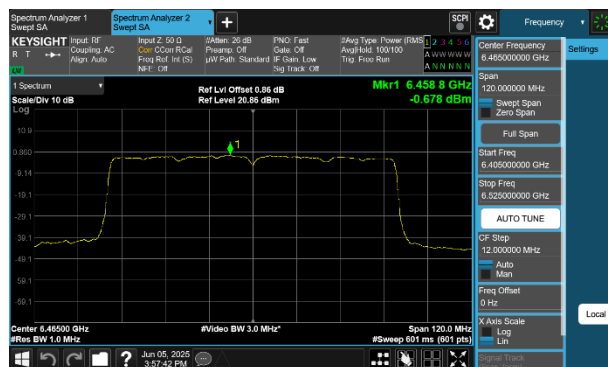
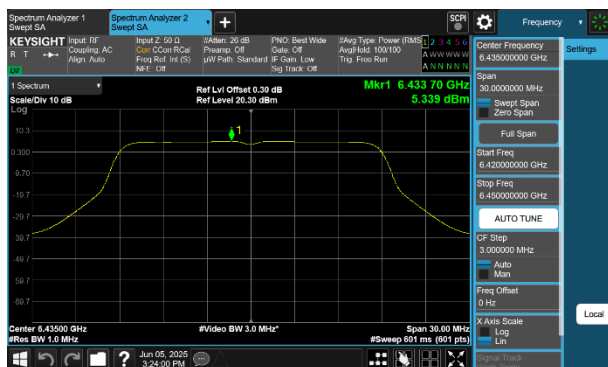
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	36Mbps	6.56	2.00	8.56	17	-8.44
	6175	45	a	36Mbps	6.56	0.50	7.06	17	-9.94
	6415	93	a	36Mbps	6.88	1.30	8.18	17	-8.82
	5955	1	be (20MHz)	MCS5	6.37	2.00	8.37	17	-8.63
	6175	45	be (20MHz)	MCS5	6.40	0.50	6.90	17	-10.10
	6415	93	be (20MHz)	MCS5	6.69	1.30	7.99	17	-9.01
	5965	3	be (40MHz)	MCS5	3.50	2.00	5.50	17	-11.50
	6165	43	be (40MHz)	MCS5	3.74	0.50	4.24	17	-12.76
	6405	91	be (40MHz)	MCS5	3.65	1.30	4.95	17	-12.05
	5985	7	be (80MHz)	MCS5	0.82	2.00	2.82	17	-14.18
	6145	39	be (80MHz)	MCS5	0.91	0.50	1.41	17	-15.59
	6385	87	be (80MHz)	MCS5	0.84	1.30	2.14	17	-14.86
	6025	15	be (160MHz)	MCS3	-1.83	2.00	0.18	17	-16.83
	6185	47	be (160MHz)	MCS5	-1.63	0.50	-1.13	17	-18.13
Band 6	6345	79	be (160MHz)	MCS5	-1.96	1.30	-0.66	17	-17.66
	6435	97	a	36Mbps	5.34	-0.30	5.04	17	-11.96
	6475	105	a	36Mbps	5.17	-0.30	4.87	17	-12.13
	6515	113	a	36Mbps	4.97	-0.30	4.67	17	-12.33
	6435	97	be (20MHz)	MCS5	5.15	-0.30	4.85	17	-12.15
	6475	105	be (20MHz)	MCS5	4.97	-0.30	4.67	17	-12.33
	6515	113	be (20MHz)	MCS5	4.73	-0.30	4.43	17	-12.57
	6445	99	be (40MHz)	MCS5	2.08	-0.30	1.78	17	-15.22
	6485	107	be (40MHz)	MCS5	1.88	-0.30	1.58	17	-15.42
	6525	115	be (40MHz)	MCS5	2.26	-0.30	1.96	17	-15.04
Band 7	6465	103	be (80MHz)	MCS5	-0.68	-0.30	-0.98	17	-17.98
	6505	111	be (160MHz)	MCS5	-3.20	-0.30	-3.50	17	-20.50
	6535	117	a	36Mbps	4.86	1.40	6.26	17	-10.74
	6695	149	a	36Mbps	4.96	1.40	6.36	17	-10.64
	6855	181	a	36Mbps	5.34	1.40	6.74	17	-10.26
	6535	117	be (20MHz)	MCS5	4.44	1.40	5.84	17	-11.16
	6695	149	be (20MHz)	MCS5	4.79	1.40	6.19	17	-10.81
	6855	181	be (20MHz)	MCS5	5.11	1.40	6.51	17	-10.49
	6565	123	be (40MHz)	MCS5	2.19	1.40	3.59	17	-13.41
	6725	155	be (40MHz)	MCS5	1.91	1.40	3.31	17	-13.69
	6845	179	be (40MHz)	MCS5	2.37	1.40	3.77	17	-13.23
	6545	119	be (80MHz)	MCS5	-0.49	1.40	0.91	17	-16.09
	6705	151	be (80MHz)	MCS5	-0.82	1.40	0.58	17	-16.42
	6785	167	be (80MHz)	MCS5	-0.46	1.40	0.95	17	-16.06
	6665	143	be (160MHz)	MCS3	-3.50	1.40	-2.10	17	-19.10

Table 7-58. Power Spectral Density Measurements Antenna WF5B

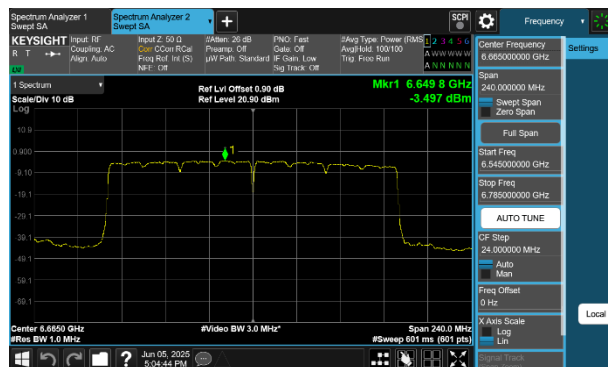
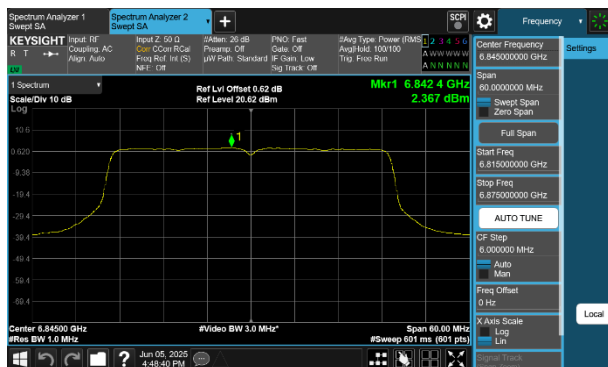
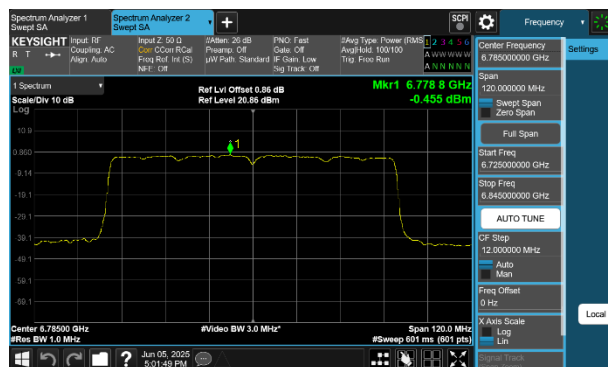
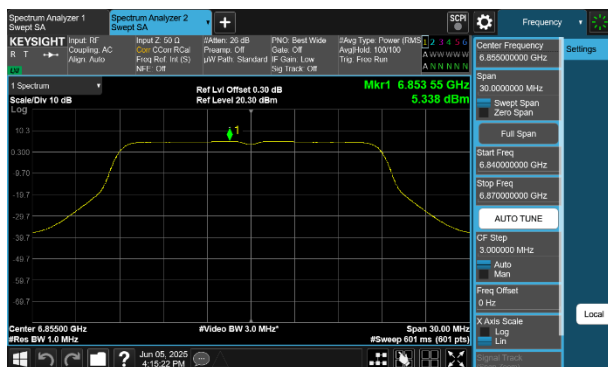
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 62 of 239



FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG			Page 63 of 239
Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device		



FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	



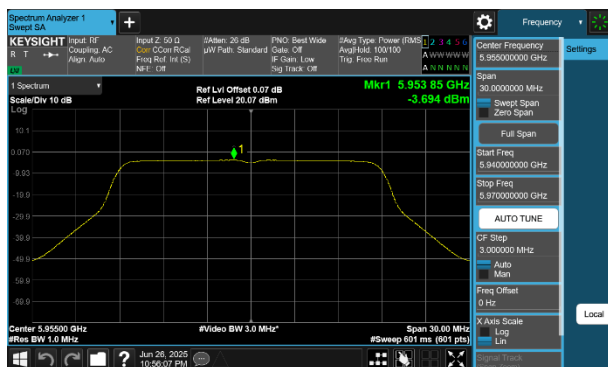
FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device		Page 65 of 239

7.4.2 Antenna WF5B Power Spectral Density Measurements – LPI

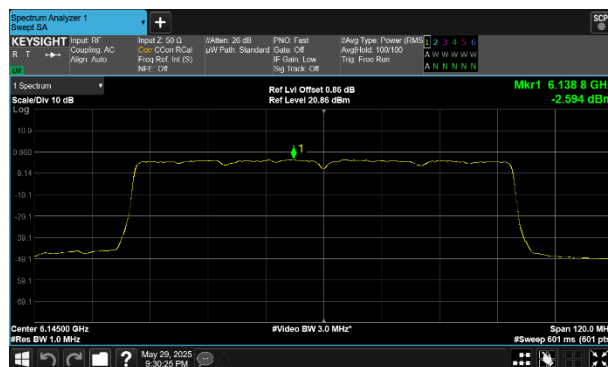
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	6Mbps	-3.69	2.00	-1.69	-1	-0.69
	6175	45	a	36Mbps	-3.08	0.50	-2.58	-1	-1.58
	6415	93	a	36Mbps	-3.81	1.30	-2.51	-1	-1.51
	5955	1	be (20MHz)	MCS3	-4.04	2.00	-2.04	-1	-1.04
	6175	45	be (20MHz)	MCS5	-3.29	0.50	-2.79	-1	-1.79
	6415	93	be (20MHz)	MCS5	-3.77	1.30	-2.47	-1	-1.47
	5965	3	be (40MHz)	MCS5	-3.65	2.00	-1.65	-1	-0.65
	6165	43	be (40MHz)	MCS5	-3.48	0.50	-2.98	-1	-1.98
	6405	91	be (40MHz)	MCS0	-4.23	1.30	-2.93	-1	-1.93
	5985	7	be (80MHz)	MCS5	-4.24	2.00	-2.24	-1	-1.24
	6145	39	be (80MHz)	MCS5	-2.59	0.50	-2.09	-1	-1.09
	6385	87	be (80MHz)	MCS5	-3.42	1.30	-2.12	-1	-1.12
	6025	15	be (160MHz)	MCS0	-4.30	2.00	-2.30	-1	-1.30
	6185	47	be (160MHz)	MCS3	-2.53	0.50	-2.03	-1	-1.03
Band 6	6345	79	be (160MHz)	MCS3	-3.28	1.30	-1.98	-1	-0.98
	6435	97	a	6Mbps	-3.44	-0.30	-3.74	-1	-2.74
	6475	105	a	18Mbps	-3.65	-0.30	-3.95	-1	-2.95
	6515	113	a	36Mbps	-3.44	-0.30	-3.74	-1	-2.74
	6435	97	be (20MHz)	MCS5	-3.60	-0.30	-3.90	-1	-2.90
	6475	105	be (20MHz)	MCS5	-3.83	-0.30	-4.13	-1	-3.13
	6515	113	be (20MHz)	MCS5	-3.60	-0.30	-3.90	-1	-2.90
	6445	99	be (40MHz)	MCS5	-3.76	-0.30	-4.06	-1	-3.06
	6485	107	be (40MHz)	MCS0	-4.09	-0.30	-4.39	-1	-3.39
	6525	115	be (40MHz)	MCS3	-4.35	-0.30	-4.65	-1	-3.65
	6465	103	be (80MHz)	MCS5	-2.99	-0.30	-3.29	-1	-2.29
	6505	111	be (160MHz)	MCS3	-3.28	-0.30	-3.58	-1	-2.58
Band 7	6535	117	a	36Mbps	-3.88	1.40	-2.48	-1	-1.48
	6695	149	a	36Mbps	-3.65	1.40	-2.25	-1	-1.25
	6875	185	a	36Mbps	-4.46	1.40	-3.06	-1	-2.06
	6535	117	be (20MHz)	MCS5	-4.06	1.40	-2.66	-1	-1.66
	6695	149	be (20MHz)	MCS5	-3.85	1.40	-2.45	-1	-1.45
	6875	185	be (20MHz)	MCS5	-4.42	1.40	-3.02	-1	-2.02
	6565	123	be (40MHz)	MCS0	-4.90	1.40	-3.50	-1	-2.50
	6725	155	be (40MHz)	MCS3	-4.25	1.40	-2.85	-1	-1.85
	6845	179	be (40MHz)	MCS3	-4.56	1.40	-3.16	-1	-2.16
	6545	119	be (80MHz)	MCS5	-3.55	1.40	-2.15	-1	-1.15
	6705	151	be (80MHz)	MCS5	-3.37	1.40	-1.97	-1	-0.97
	6865	183	be (80MHz)	MCS5	-3.98	1.40	-2.58	-1	-1.58
	6665	143	be (160MHz)	MCS3	-3.29	1.40	-1.89	-1	-0.89
	6825	175	be (160MHz)	MCS3	-4.18	1.40	-2.78	-1	-1.78
Band 8	6895	189	a	36Mbps	-4.47	1.90	-2.57	-1	-1.57
	6995	209	a	36Mbps	-4.58	1.90	-2.68	-1	-1.68
	7115	233	a	6Mbps	-4.86	1.90	-2.96	-1	-1.96
	6895	189	be (20MHz)	MCS5	-5.02	1.90	-3.12	-1	-2.12
	6995	209	be (20MHz)	MCS5	-5.18	1.90	-3.28	-1	-2.28
	7115	233	be (20MHz)	MCS0	-4.91	1.90	-3.01	-1	-2.01
	6885	187	be (40MHz)	MCS5	-4.78	1.90	-2.88	-1	-1.88
	7005	211	be (40MHz)	MCS5	-4.96	1.90	-3.06	-1	-2.06
	7085	227	be (40MHz)	MCS5	-5.00	1.90	-3.10	-1	-2.10
	6945	199	be (80MHz)	MCS5	-4.24	1.90	-2.34	-1	-1.34
	7025	215	be (80MHz)	MCS5	-4.27	1.90	-2.37	-1	-1.37
	6985	207	be (160MHz)	MCS3	-4.23	1.90	-2.33	-1	-1.33

Table 7-59. Power Spectral Density Measurements Antenna WF5B

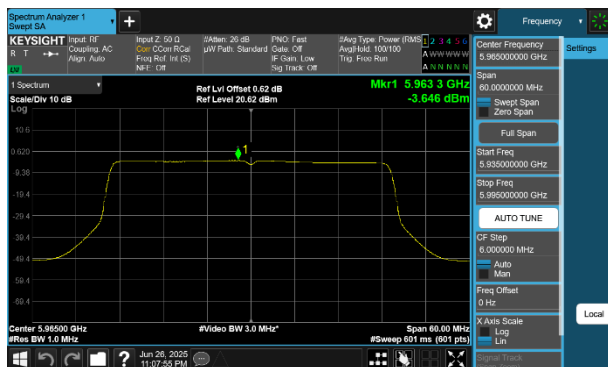
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 66 of 239



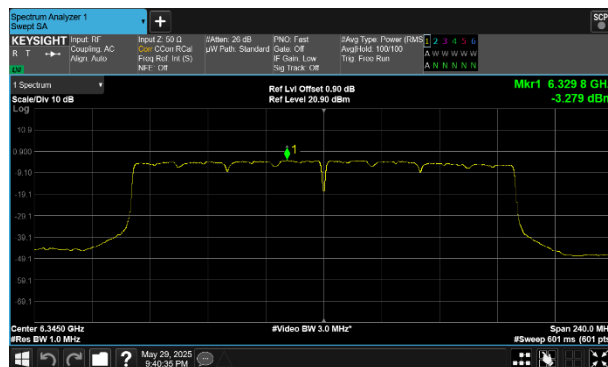
Plot 7-97 PSD Antenna WF5B (20MHz BW 802.11a - Ch.1)



Plot 7-99 PSD Antenna WF5B (80MHz BW 802.11be(SU) - Ch.39)

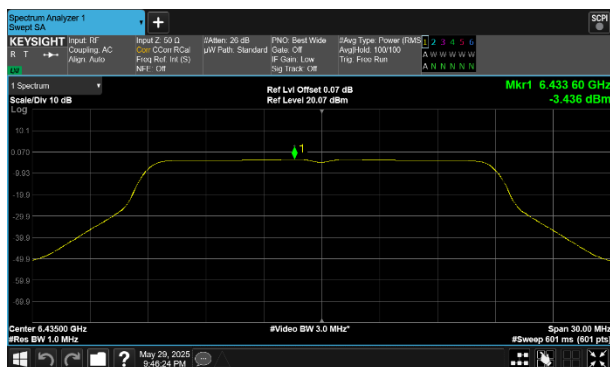


Plot 7-98 PSD Antenna WF5B (40MHz BW 802.11be(SU) - Ch.3)

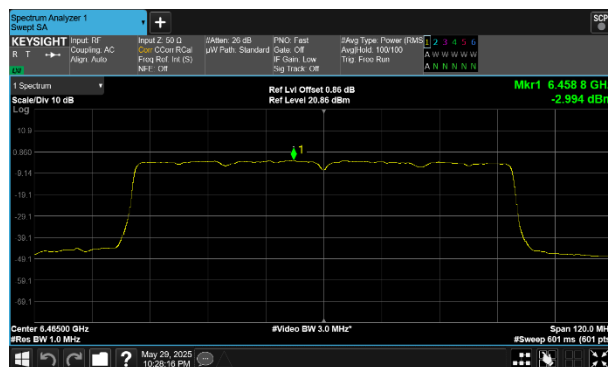


Plot 7-100 PSD Antenna WF5B (160MHz BW 802.11be(SU) - Ch.79)

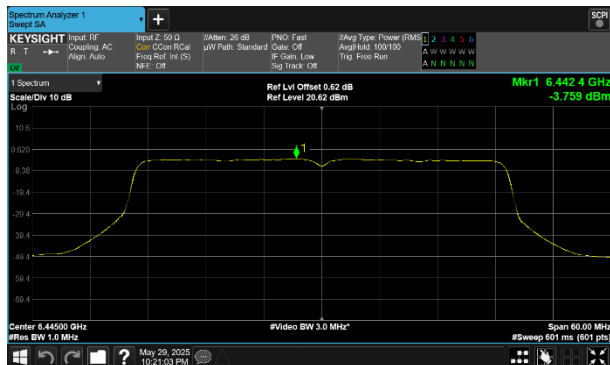
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 67 of 239



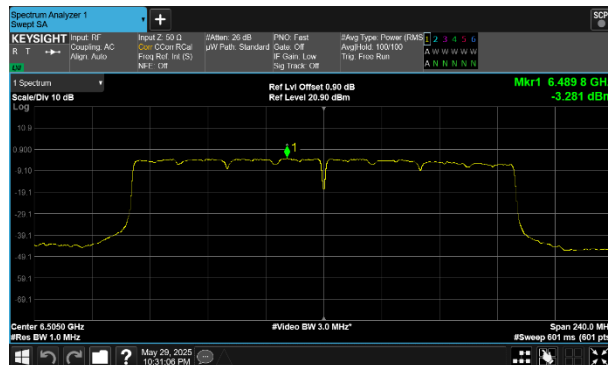
Plot 7-101 PSD Antenna WF5B (20MHz BW 802.11a - Ch.97)



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

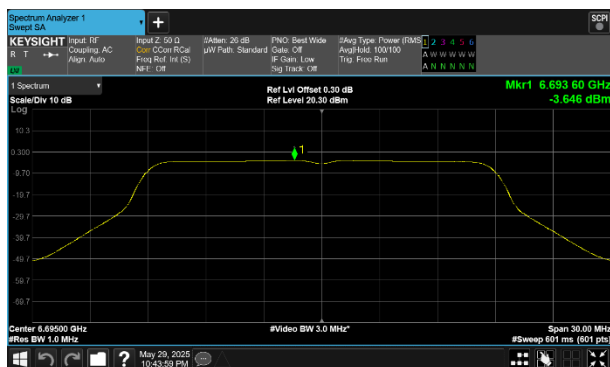


Plot 7-102 PSD Antenna WF5B (40MHz BW 802.11be(SU) - Ch.99)

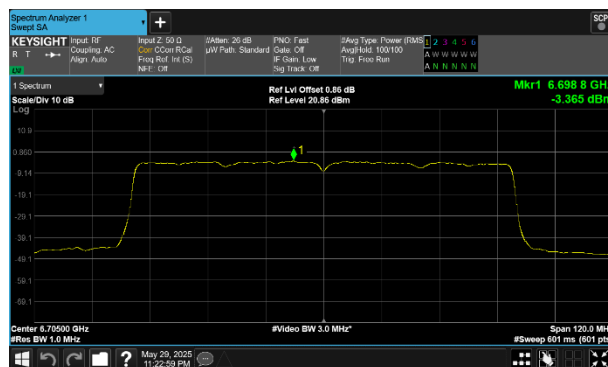


Plot 7-104 PSD Antenna WF5B (160MHz BW 802.11be(SU) - Ch.111)

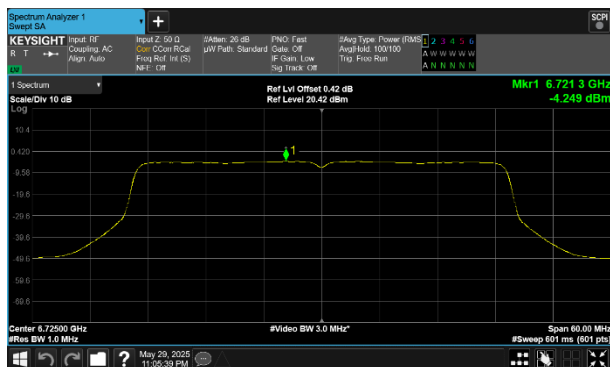
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 68 of 239



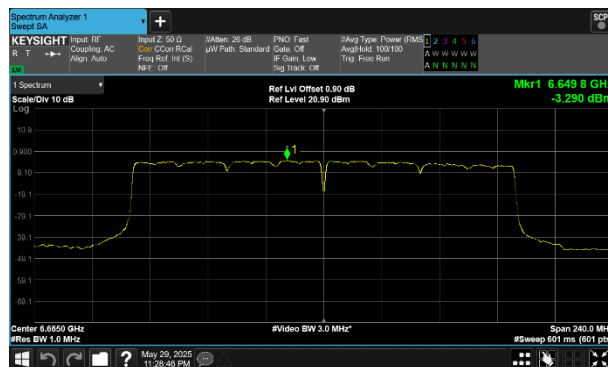
Plot 7-105 PSD Antenna WF5B (20MHz BW 802.11a - Ch.149)



Plot 7-107 PSD Antenna WF5B (80MHz BW 802.11be(SU) - Ch.151)

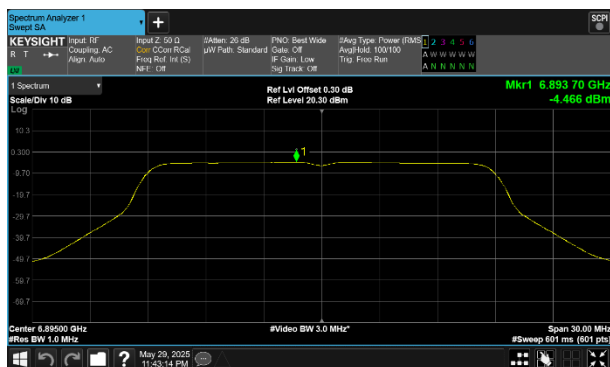


Plot 7-106 PSD Antenna WF5B (40MHz BW 802.11be(SU) - Ch.155)

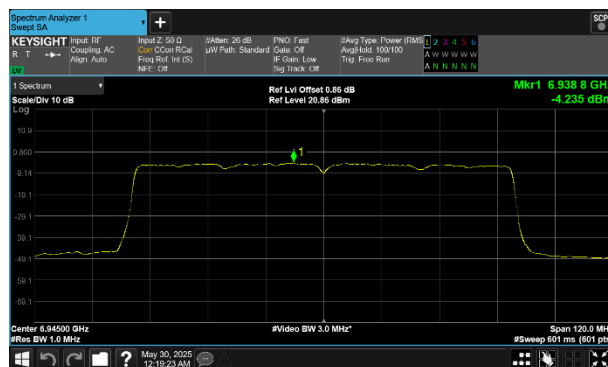


Plot 7-108 PSD Antenna WF5B (160MHz BW 802.11be(SU) - Ch.143)

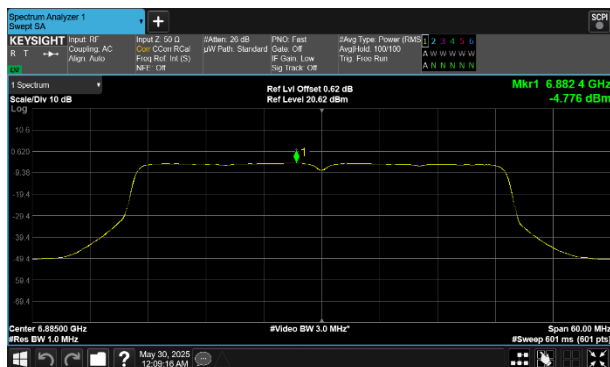
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 69 of 239



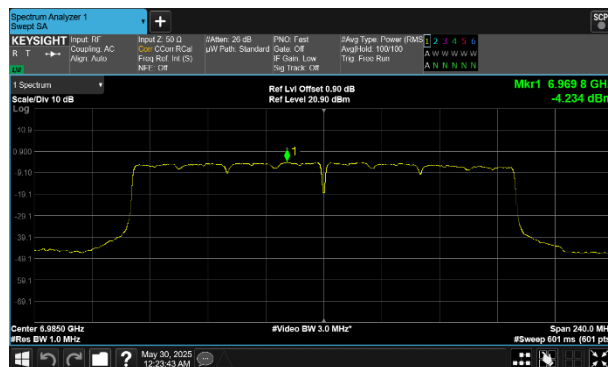
Plot 7-109 PSD Antenna WF5B (20MHz BW 802.11a - Ch.189)



Plot 7-111 PSD Antenna WF5B (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-110 PSD Antenna WF5B (40MHz BW 802.11be(SU) - Ch.187)



Plot 7-112 PSD Antenna WF5B (160MHz BW 802.11be(SU) - Ch.207)

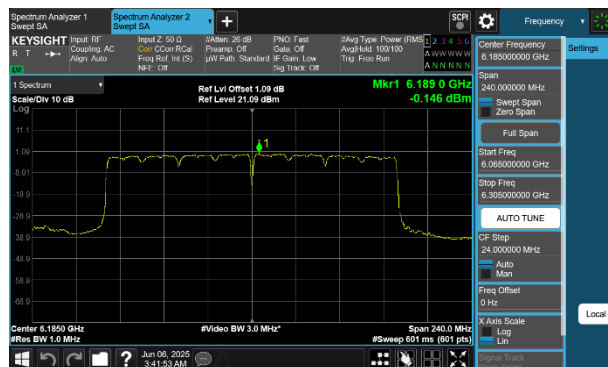
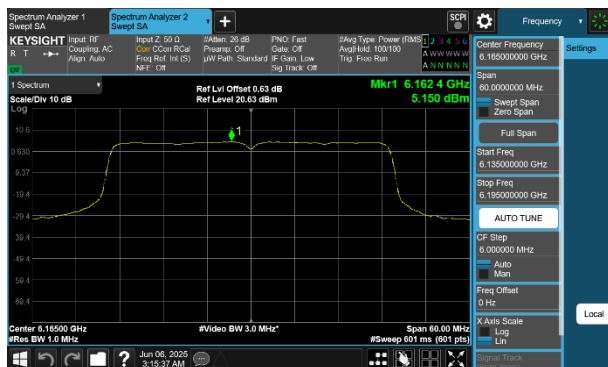
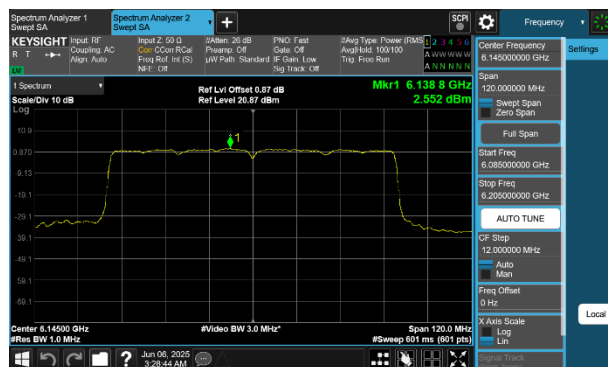
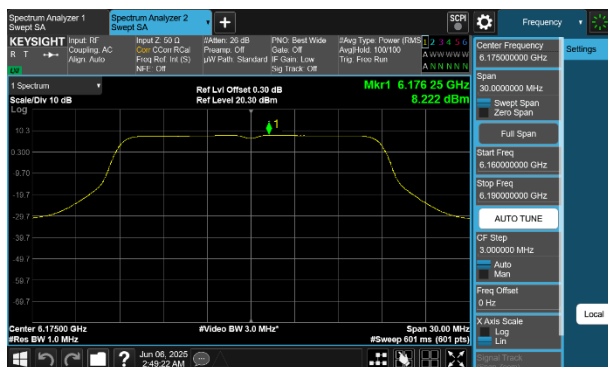
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 70 of 239

7.4.3 Antenna WF8 Power Spectral Density Measurements – SP

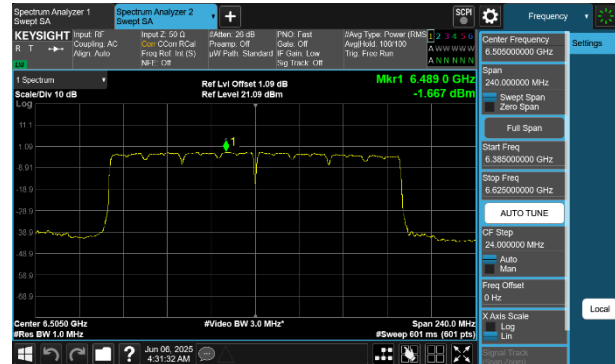
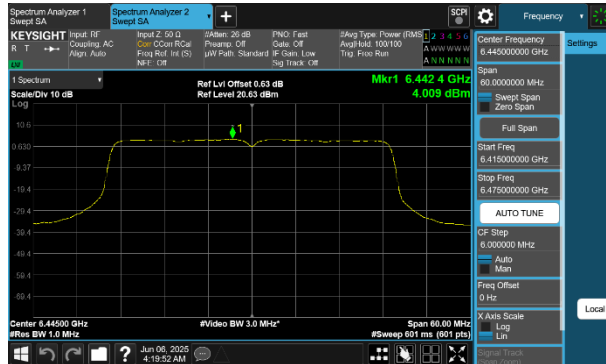
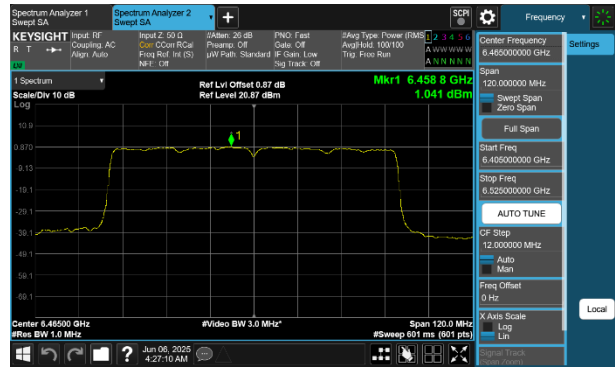
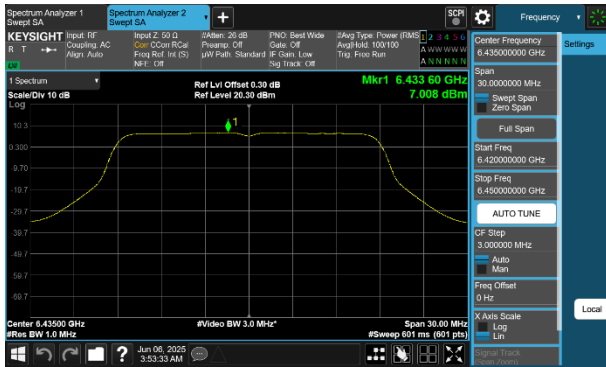
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	36Mbps	8.42	-0.40	8.02	17	-8.98
	6175	45	a	36Mbps	8.22	0.40	8.62	17	-8.38
	6415	93	a	36Mbps	8.33	-0.50	7.83	17	-9.17
	5955	1	be (20MHz)	MCS5	8.19	-0.40	7.79	17	-9.22
	6175	45	be (20MHz)	MCS5	8.02	0.40	8.42	17	-8.58
	6415	93	be (20MHz)	MCS5	8.33	-0.50	7.83	17	-9.17
	5965	3	be (40MHz)	MCS5	5.23	-0.40	4.83	17	-12.17
	6165	43	be (40MHz)	MCS5	5.15	0.40	5.55	17	-11.45
	6405	91	be (40MHz)	MCS5	5.35	-0.50	4.85	17	-12.16
	5985	7	be (80MHz)	MCS5	2.51	-0.40	2.11	17	-14.90
	6145	39	be (80MHz)	MCS5	2.55	0.40	2.95	17	-14.05
	6385	87	be (80MHz)	MCS5	2.94	-0.50	2.44	17	-14.56
	6025	15	be (160MHz)	MCS5	-0.48	-0.40	-0.88	17	-17.88
Band 6	6185	47	be (160MHz)	MCS5	-0.15	0.40	0.25	17	-16.75
	6345	79	be (160MHz)	MCS3	0.36	-0.50	-0.14	17	-17.14
	6435	97	a	36Mbps	7.01	-0.20	6.81	17	-10.19
	6475	105	a	36Mbps	6.80	-0.20	6.60	17	-10.40
	6515	113	a	36Mbps	6.85	-0.20	6.65	17	-10.35
	6435	97	be (20MHz)	MCS5	6.80	-0.20	6.60	17	-10.41
	6475	105	be (20MHz)	MCS5	6.62	-0.20	6.42	17	-10.58
	6515	113	be (20MHz)	MCS5	6.63	-0.20	6.43	17	-10.57
	6445	99	be (40MHz)	MCS5	4.01	-0.20	3.81	17	-13.19
	6485	107	be (40MHz)	MCS5	3.85	-0.20	3.65	17	-13.35
	6525	115	be (40MHz)	MCS5	3.95	-0.20	3.75	17	-13.25
	6465	103	be (80MHz)	MCS5	1.04	-0.20	0.84	17	-16.16
	6505	111	be (160MHz)	MCS5	-1.67	-0.20	-1.87	17	-18.87
Band 7	6535	117	a	36Mbps	6.92	0.60	7.52	17	-9.48
	6695	149	a	36Mbps	7.00	0.60	7.60	17	-9.40
	6855	181	a	36Mbps	6.71	0.60	7.31	17	-9.69
	6535	117	be (20MHz)	MCS5	6.78	0.60	7.38	17	-9.62
	6695	149	be (20MHz)	MCS5	6.80	0.60	7.40	17	-9.60
	6855	181	be (20MHz)	MCS5	6.62	0.60	7.22	17	-9.79
	6565	123	be (40MHz)	MCS5	3.92	0.60	4.52	17	-12.48
	6725	155	be (40MHz)	MCS5	3.71	0.60	4.31	17	-12.69
	6845	179	be (40MHz)	MCS5	3.69	0.60	4.29	17	-12.72
	6545	119	be (80MHz)	MCS5	1.10	0.60	1.70	17	-15.31
	6705	151	be (80MHz)	MCS5	0.93	0.60	1.53	17	-15.48
	6785	167	be (80MHz)	MCS5	1.27	0.60	1.87	17	-15.14
	6665	143	be (160MHz)	MCS3	-1.82	0.60	-1.22	17	-18.22

Table 7-60. Power Spectral Density Measurements Antenna WF8

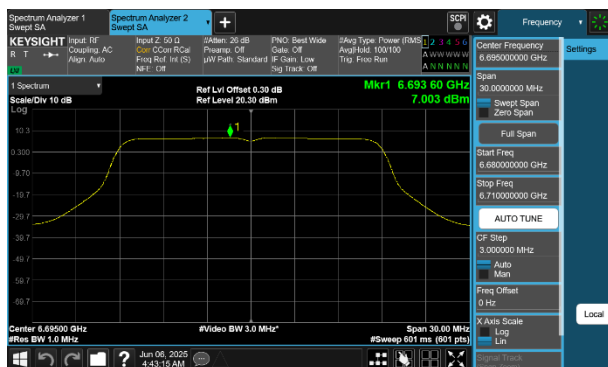
FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 71 of 239



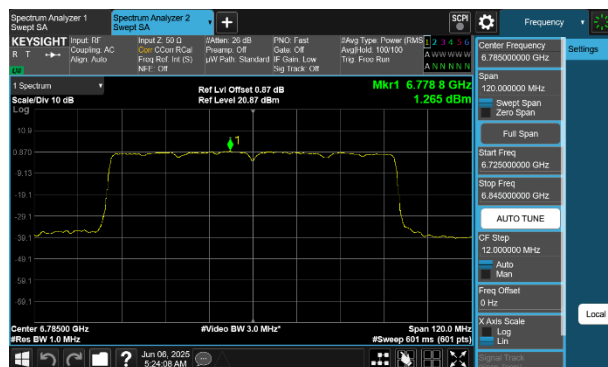
FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 72 of 239	



FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 73 of 239



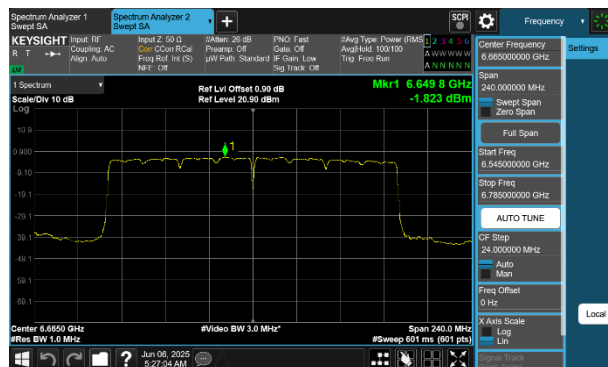
Plot 7-121 PSD Antenna WF8 (20MHz BW 802.11a - Ch.149)



Plot 7-123 PSD Antenna WF8 (80MHz BW 802.11be(SU) - Ch.167)



Plot 7-122 PSD Antenna WF8 (40MHz BW 802.11be(SU) - Ch.123)



Plot 7-124 PSD Antenna WF8 (160MHz BW 802.11be(SU) - Ch.143)

FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device		Page 74 of 239

7.4.4 Antenna WF8 Power Spectral Density Measurements – LPI

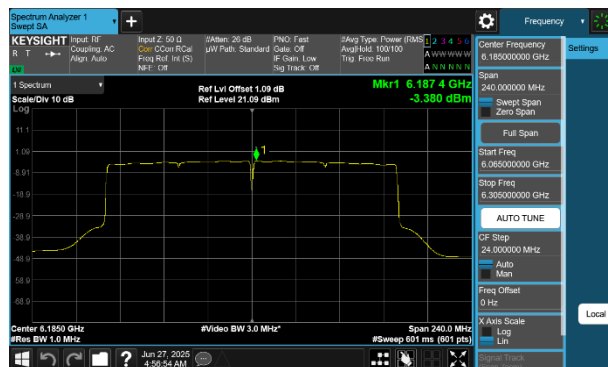
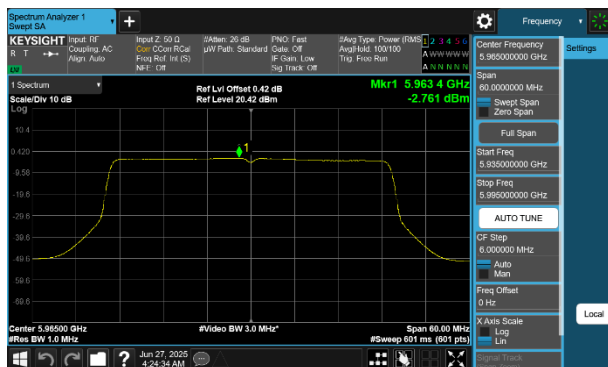
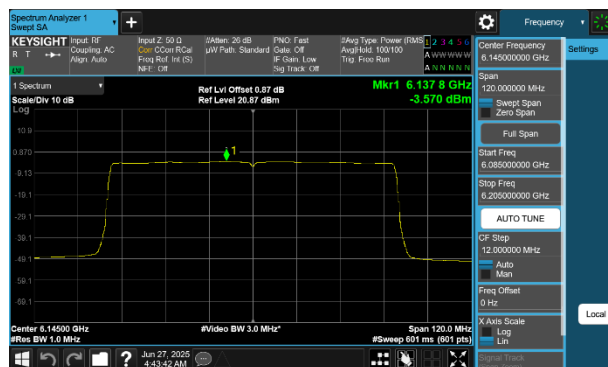
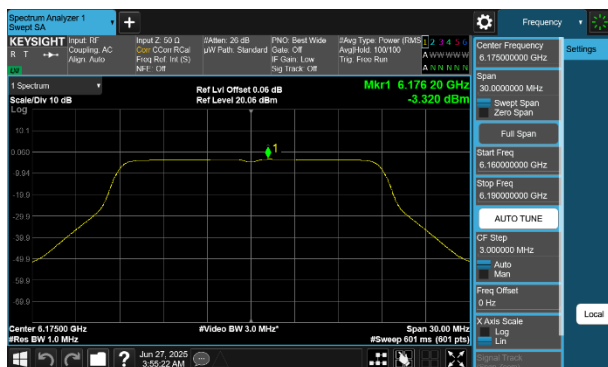
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	18Mbps	-2.63	-0.40	-3.03	-1	-2.03
	6175	45	a	6Mbps	-3.32	0.40	-2.92	-1	-1.92
	6415	93	a	6Mbps	-3.65	-0.50	-4.15	-1	-3.15
	5955	1	be (20MHz)	MCS3	-2.86	-0.40	-3.26	-1	-2.26
	6175	45	be (20MHz)	MCS3	-3.41	0.40	-3.01	-1	-2.01
	6415	93	be (20MHz)	MCS5	-3.85	-0.50	-4.35	-1	-3.35
	5965	3	be (40MHz)	MCS3	-2.76	-0.40	-3.16	-1	-2.16
	6165	43	be (40MHz)	MCS3	-4.07	0.40	-3.67	-1	-2.67
	6405	91	be (40MHz)	MCS3	-2.85	-0.50	-3.35	-1	-2.35
	5985	7	be (80MHz)	MCS5	-3.10	-0.40	-3.50	-1	-2.50
	6145	39	be (80MHz)	MCS5	-3.57	0.40	-3.17	-1	-2.17
	6385	87	be (80MHz)	MCS0	-3.91	-0.50	-4.41	-1	-3.41
Band 6	6025	15	be (160MHz)	MCS5	-3.37	-0.40	-3.77	-1	-2.77
	6185	47	be (160MHz)	MCS5	-3.38	0.40	-2.98	-1	-1.98
	6345	79	be (160MHz)	MCS5	-3.47	-0.50	-3.97	-1	-2.97
	6435	97	a	36Mbps	-3.74	-0.20	-3.94	-1	-2.94
	6475	105	a	36Mbps	-3.90	-0.20	-4.10	-1	-3.10
	6515	113	a	36Mbps	-3.81	-0.20	-4.01	-1	-3.01
	6435	97	be (20MHz)	MCS5	-3.97	-0.20	-4.17	-1	-3.17
	6475	105	be (20MHz)	MCS5	-4.13	-0.20	-4.33	-1	-3.33
	6515	113	be (20MHz)	MCS5	-4.03	-0.20	-4.23	-1	-3.23
	6445	99	be (40MHz)	MCS5	-4.34	-0.20	-4.54	-1	-3.54
	6485	107	be (40MHz)	MCS0	-4.69	-0.20	-4.89	-1	-3.89
	6525	115	be (40MHz)	MCS5	-4.02	-0.20	-4.22	-1	-3.22
Band 7	6465	103	be (80MHz)	MCS5	-3.47	-0.20	-3.67	-1	-2.67
	6505	111	be (160MHz)	MCS5	-3.50	-0.20	-3.70	-1	-2.70
	6535	117	a	18Mbps	-3.70	0.60	-3.10	-1	-2.10
	6695	149	a	18Mbps	-3.87	0.60	-3.27	-1	-2.27
	6875	185	a	18Mbps	-3.28	0.60	-2.68	-1	-1.68
	6535	117	be (20MHz)	MCS0	-3.79	0.60	-3.19	-1	-2.19
	6695	149	be (20MHz)	MCS3	-3.78	0.60	-3.18	-1	-2.18
	6875	185	be (20MHz)	MCS5	-3.33	0.60	-2.73	-1	-1.73
	6565	123	be (40MHz)	MCS5	-4.90	0.60	-4.30	-1	-3.30
	6725	155	be (40MHz)	MCS0	-4.26	0.60	-3.66	-1	-2.66
	6845	179	be (40MHz)	MCS3	-3.96	0.60	-3.36	-1	-2.36
	6545	119	be (80MHz)	MCS0	-3.62	0.60	-3.02	-1	-2.02
Band 8	6705	151	be (80MHz)	MCS3	-3.42	0.60	-2.82	-1	-1.82
	6865	183	be (80MHz)	MCS5	-3.31	0.60	-2.71	-1	-1.71
	6665	143	be (160MHz)	MCS0	-3.61	0.60	-3.01	-1	-2.01
	6825	175	be (160MHz)	MCS5	-3.21	0.60	-2.61	-1	-1.61
	6895	189	a	36Mbps	-4.05	0.00	-4.05	-1	-3.05
	6995	209	a	36Mbps	-4.34	0.00	-4.34	-1	-3.34
	7115	233	a	36Mbps	-5.25	0.00	-5.25	-1	-4.25
	6895	189	be (20MHz)	MCS5	-4.80	0.00	-4.80	-1	-3.80
	6995	209	be (20MHz)	MCS5	-5.14	0.00	-5.14	-1	-4.14
	7115	233	be (20MHz)	MCS5	-5.26	0.00	-5.26	-1	-4.26
	6885	187	be (40MHz)	MCS0	-3.96	0.00	-3.96	-1	-2.96
	7005	211	be (40MHz)	MCS5	-5.03	0.00	-5.03	-1	-4.03
	7085	227	be (40MHz)	MCS5	-5.06	0.00	-5.06	-1	-4.06
	6945	199	be (80MHz)	MCS5	-4.16	0.00	-4.16	-1	-3.16
	7025	215	be (80MHz)	MCS5	-4.23	0.00	-4.23	-1	-3.23
	6985	207	be (160MHz)	MCS3	-4.04	0.00	-4.04	-1	-3.04

Table 7-61. Power Spectral Density Measurements Antenna WF8

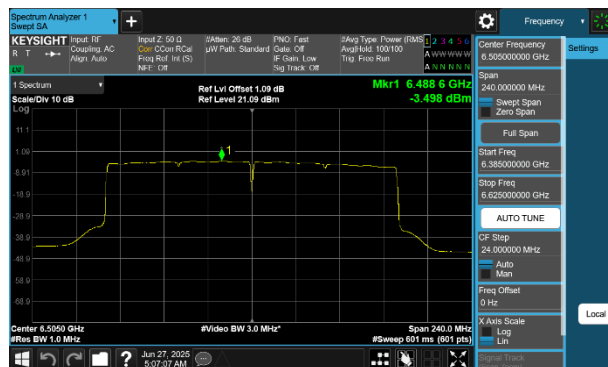
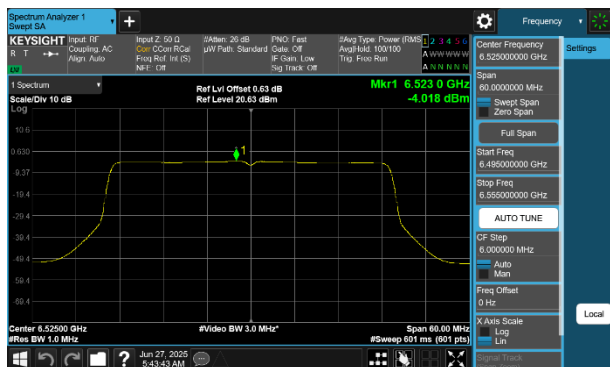
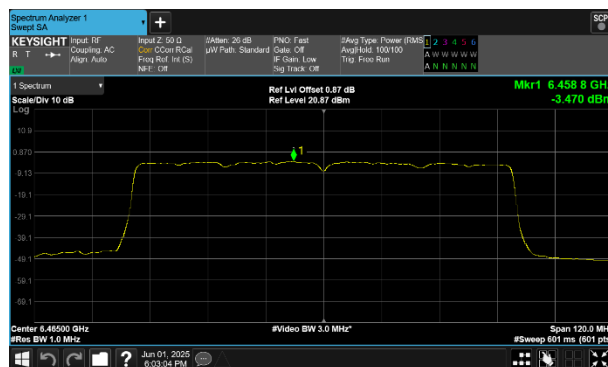
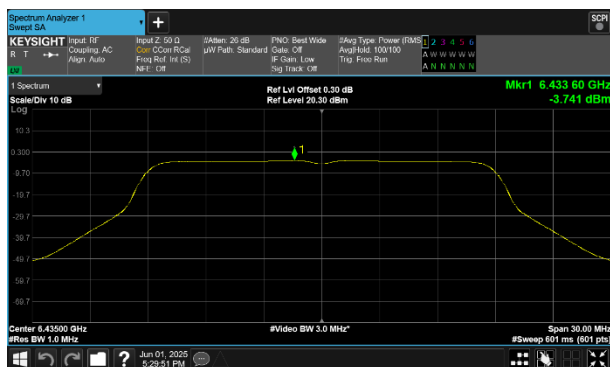
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 75 of 239

V 11.0 5/2025

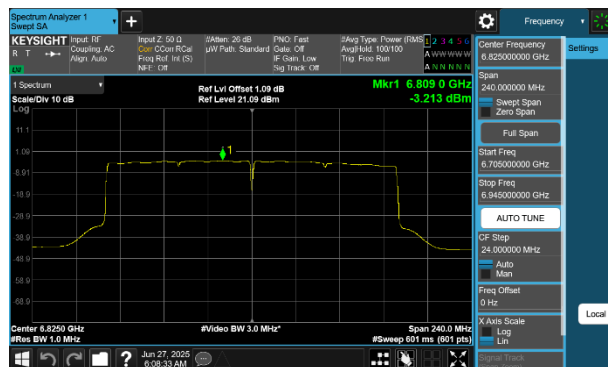
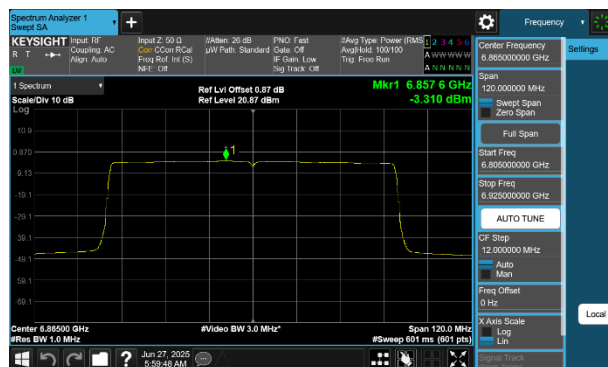
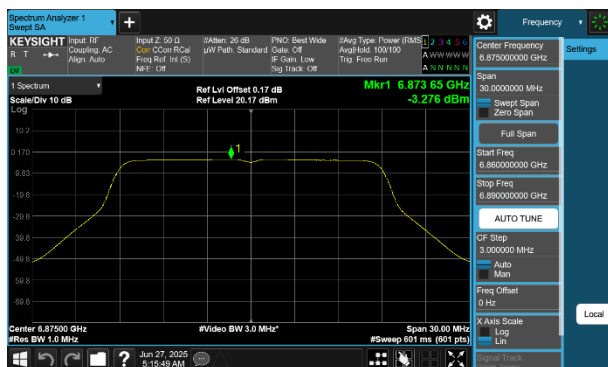
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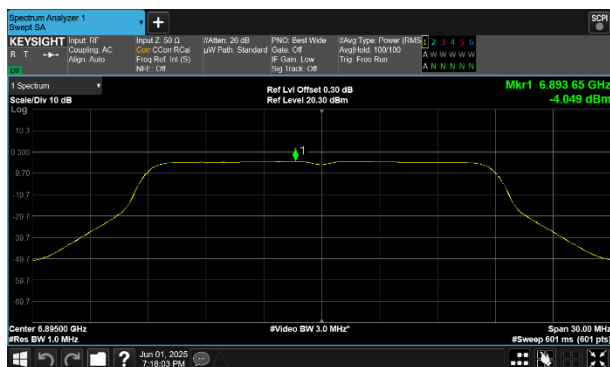
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 76 of 239



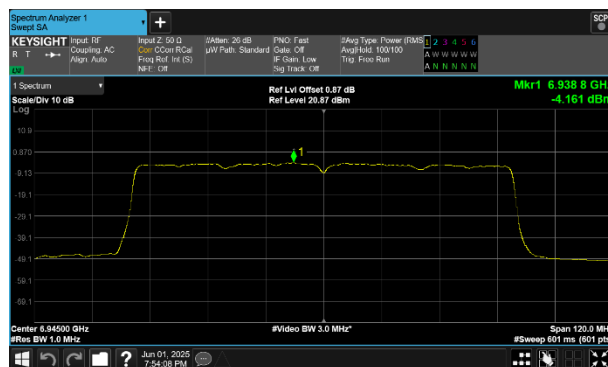
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 77 of 239



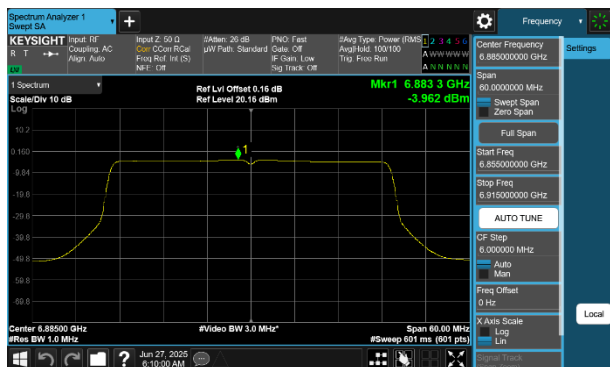
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 78 of 239



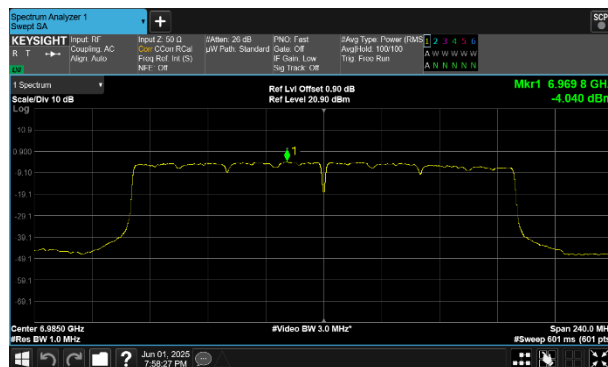
Plot 7-137 PSD Antenna WF8 (20MHz BW 802.11a - Ch.189)



Plot 7-139 PSD Antenna WF8 (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-138 PSD Antenna WF8 (40MHz BW 802.11be(SU) - Ch.187)



Plot 7-140 PSD Antenna WF8 (160MHz BW 802.11be(SU) - Ch.207)

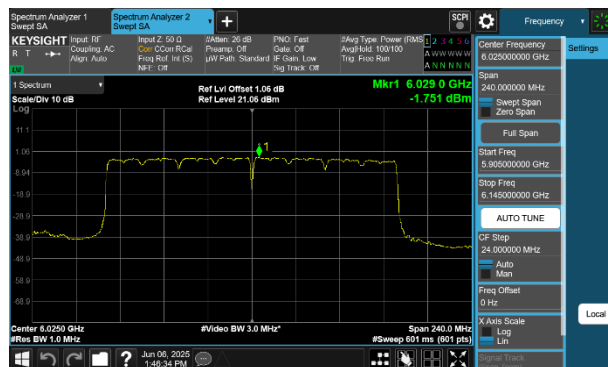
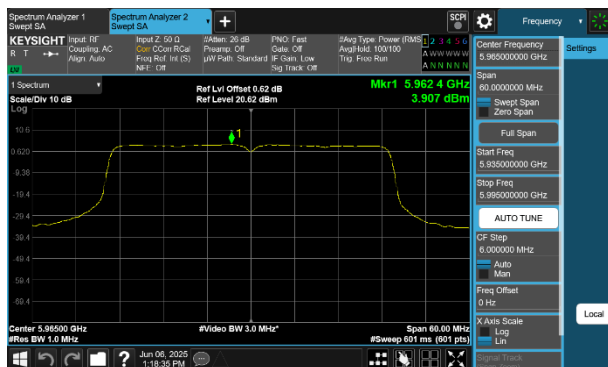
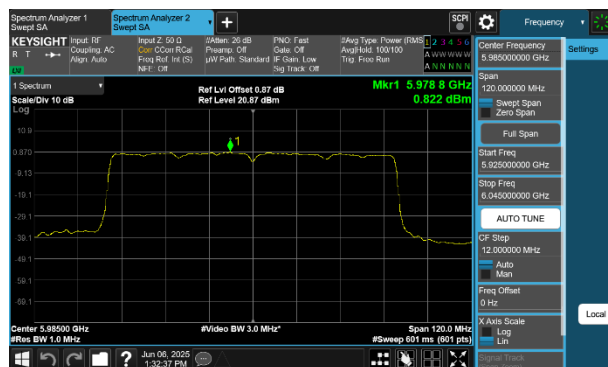
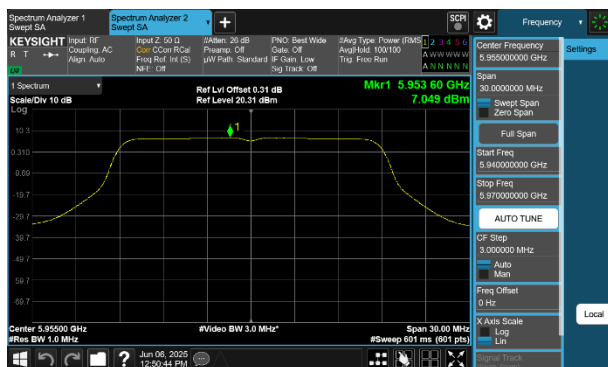
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 79 of 239

7.4.5 Antenna WF7 Power Spectral Density Measurements – SP

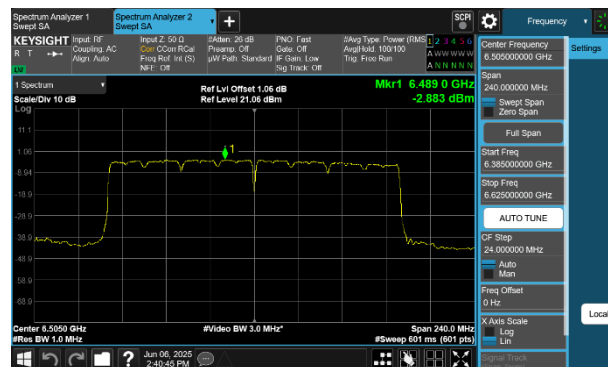
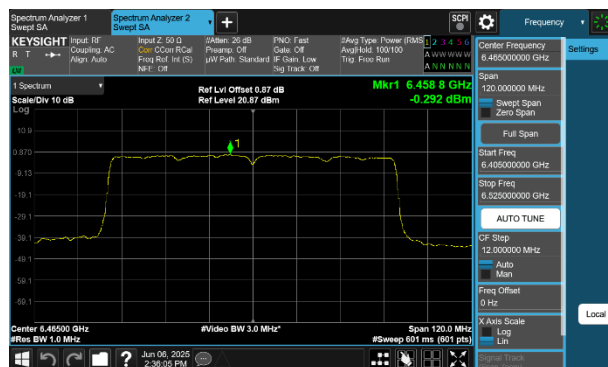
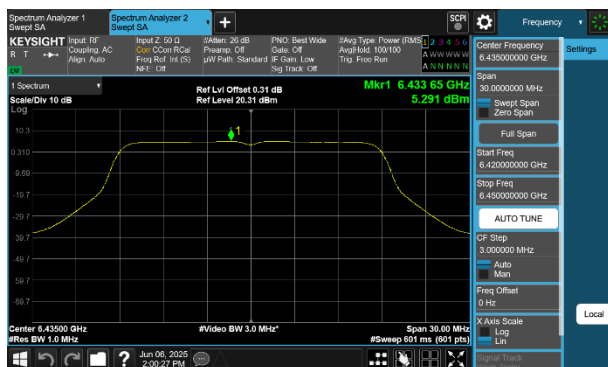
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	36Mbps	7.05	1.50	8.55	17	-8.45
	6175	45	a	18Mbps	6.81	-0.20	6.61	17	-10.39
	6415	93	a	36Mbps	6.85	0.40	7.25	17	-9.75
	5955	1	be (20MHz)	MCS5	6.80	1.50	8.30	17	-8.70
	6175	45	be (20MHz)	MCS5	6.60	-0.20	6.40	17	-10.60
	6415	93	be (20MHz)	MCS5	6.86	0.40	7.26	17	-9.74
	5965	3	be (40MHz)	MCS5	3.91	1.50	5.41	17	-11.59
	6165	43	be (40MHz)	MCS5	3.47	-0.20	3.27	17	-13.73
	6405	91	be (40MHz)	MCS5	4.05	0.40	4.45	17	-12.55
	5985	7	be (80MHz)	MCS5	0.82	1.50	2.32	17	-14.68
	6145	39	be (80MHz)	MCS5	0.69	-0.20	0.49	17	-16.51
	6385	87	be (80MHz)	MCS5	1.46	0.40	1.86	17	-15.14
	6025	15	be (160MHz)	MCS5	-1.75	1.50	-0.25	17	-17.25
	6185	47	be (160MHz)	MCS5	-1.75	-0.20	-1.95	17	-18.95
Band 6	6345	79	be (160MHz)	MCS5	-1.29	0.40	-0.89	17	-17.89
	6435	97	a	36Mbps	5.29	1.10	6.39	17	-10.61
	6475	105	a	36Mbps	5.20	1.10	6.30	17	-10.70
	6515	113	a	36Mbps	5.19	1.10	6.29	17	-10.71
	6435	97	be (20MHz)	MCS5	5.29	1.10	6.39	17	-10.61
	6475	105	be (20MHz)	MCS5	5.20	1.10	6.30	17	-10.70
	6515	113	be (20MHz)	MCS5	5.14	1.10	6.24	17	-10.76
	6445	99	be (40MHz)	MCS5	2.37	1.10	3.47	17	-13.53
	6485	107	be (40MHz)	MCS5	2.27	1.10	3.37	17	-13.64
	6525	115	be (40MHz)	MCS5	2.49	1.10	3.59	17	-13.41
	6465	103	be (80MHz)	MCS5	-0.29	1.10	0.81	17	-16.19
	6505	111	be (160MHz)	MCS5	-2.88	1.10	-1.78	17	-18.78
Band 7	6535	117	a	36Mbps	5.17	0.70	5.87	17	-11.13
	6695	149	a	36Mbps	4.63	0.70	5.33	17	-11.67
	6855	181	a	36Mbps	5.11	0.70	5.81	17	-11.19
	6535	117	be (20MHz)	MCS5	5.22	0.70	5.92	17	-11.08
	6695	149	be (20MHz)	MCS5	4.68	0.70	5.38	17	-11.62
	6855	181	be (20MHz)	MCS5	5.16	0.70	5.86	17	-11.14
	6565	123	be (40MHz)	MCS3	2.27	0.70	2.97	17	-14.03
	6725	155	be (40MHz)	MCS5	1.75	0.70	2.45	17	-14.55
	6845	179	be (40MHz)	MCS0	1.94	0.70	2.64	17	-14.36
	6545	119	be (80MHz)	MCS5	-0.37	0.70	0.33	17	-16.67
	6705	151	be (80MHz)	MCS5	-0.82	0.70	-0.12	17	-17.12
	6785	167	be (80MHz)	MCS5	-0.61	0.70	0.09	17	-16.91
	6665	143	be (160MHz)	MCS5	-3.59	0.70	-2.89	17	-19.89

Table 7-62. Power Spectral Density Measurements Antenna WF7

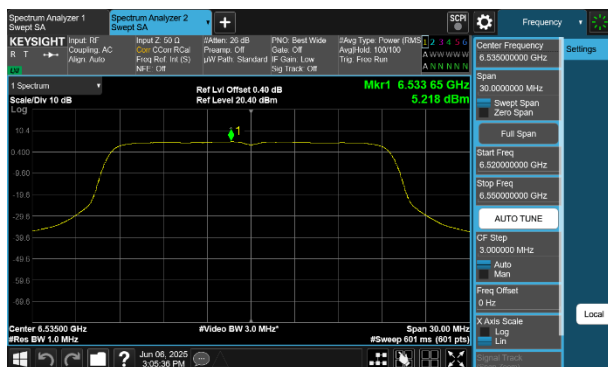
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 80 of 239



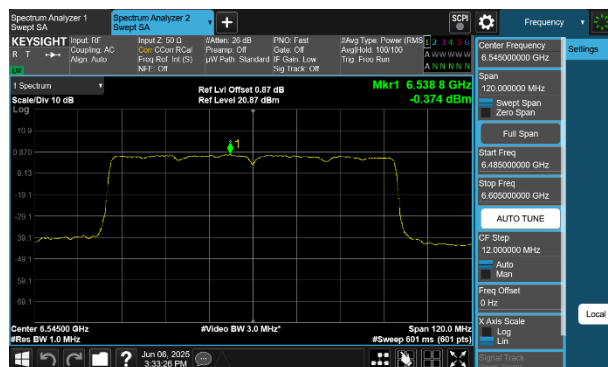
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 81 of 239



FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 82 of 239



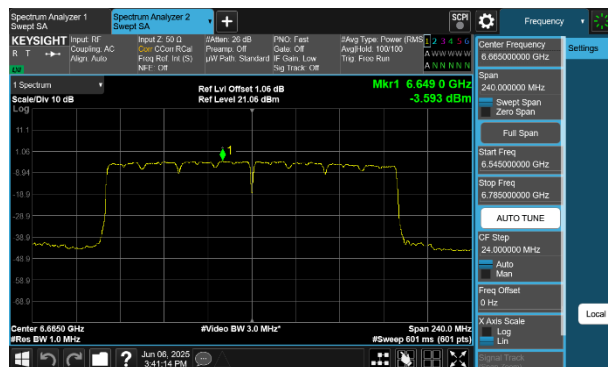
Plot 7-149 PSD Antenna WF7 (20MHz BW 802.11be(SU) - Ch.117)



Plot 7-151 PSD Antenna WF7 (80MHz BW 802.11be(SU) - Ch.119)



Plot 7-150 PSD Antenna WF7 (40MHz BW 802.11be(SU) - Ch.123)



Plot 7-152 PSD Antenna WF7 (160MHz BW 802.11be(SU) - Ch.143)

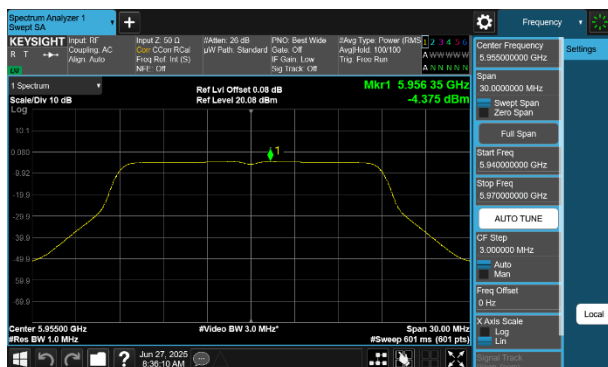
FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 83 of 239

7.4.6 Antenna WF7 Power Spectral Density Measurements – LPI

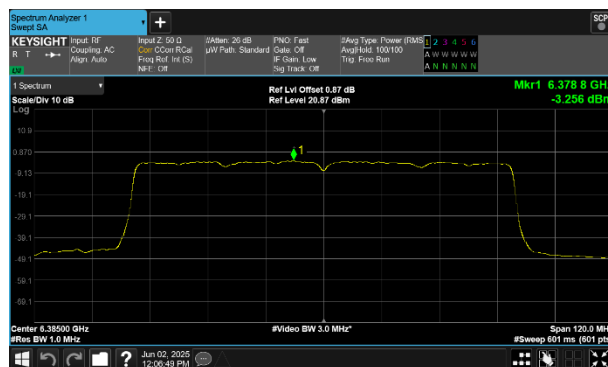
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	6Mbps	-4.38	1.50	-2.88	-1	-1.88
	6175	45	a	36Mbps	-3.12	-0.20	-3.32	-1	-2.32
	6415	93	a	36Mbps	-3.42	0.40	-3.02	-1	-2.02
	5955	1	be (20MHz)	MCS5	-4.56	1.50	-3.06	-1	-2.06
	6175	45	be (20MHz)	MCS3	-3.37	-0.20	-3.57	-1	-2.57
	6415	93	be (20MHz)	MCS3	-3.46	0.40	-3.06	-1	-2.06
	5965	3	be (40MHz)	MCS0	-4.19	1.50	-2.69	-1	-1.69
	6165	43	be (40MHz)	MCS5	-3.20	-0.20	-3.40	-1	-2.40
	6405	91	be (40MHz)	MCS0	-4.52	0.40	-4.12	-1	-3.12
	5985	7	be (80MHz)	MCS5	-4.75	1.50	-3.25	-1	-2.25
	6145	39	be (80MHz)	MCS5	-2.72	-0.20	-2.92	-1	-1.92
	6385	87	be (80MHz)	MCS5	-3.26	0.40	-2.86	-1	-1.86
Band 6	6025	15	be (160MHz)	MCS5	-4.38	1.50	-2.88	-1	-1.88
	6185	47	be (160MHz)	MCS3	-2.52	-0.20	-2.72	-1	-1.72
	6345	79	be (160MHz)	MCS3	-3.11	0.40	-2.71	-1	-1.71
	6435	97	a	36Mbps	-3.37	1.10	-2.27	-1	-1.27
	6475	105	a	36Mbps	-3.40	1.10	-2.30	-1	-1.30
	6515	113	a	36Mbps	-3.32	1.10	-2.22	-1	-1.22
	6435	97	be (20MHz)	MCS5	-3.33	1.10	-2.23	-1	-1.23
	6475	105	be (20MHz)	MCS3	-3.37	1.10	-2.27	-1	-1.27
	6515	113	be (20MHz)	MCS5	-3.29	1.10	-2.19	-1	-1.19
	6445	99	be (40MHz)	MCS5	-3.74	1.10	-2.64	-1	-1.64
	6485	107	be (40MHz)	MCS0	-3.80	1.10	-2.70	-1	-1.70
	6525	115	be (40MHz)	MCS3	-4.15	1.10	-3.05	-1	-2.05
Band 7	6465	103	be (80MHz)	MCS5	-3.12	1.10	-2.02	-1	-1.02
	6505	111	be (160MHz)	MCS3	-3.31	1.10	-2.21	-1	-1.21
	6535	117	a	36Mbps	-3.66	0.70	-2.96	-1	-1.96
	6695	149	a	36Mbps	-3.84	0.70	-3.14	-1	-2.14
	6875	185	a	36Mbps	-4.12	0.70	-3.42	-1	-2.42
	6535	117	be (20MHz)	MCS5	-3.64	0.70	-2.94	-1	-1.94
	6695	149	be (20MHz)	MCS5	-3.82	0.70	-3.12	-1	-2.12
	6875	185	be (20MHz)	MCS5	-4.16	0.70	-3.46	-1	-2.46
	6565	123	be (40MHz)	MCS3	-4.28	0.70	-3.58	-1	-2.58
	6725	155	be (40MHz)	MCS5	-3.82	0.70	-3.12	-1	-2.12
	6845	179	be (40MHz)	MCS5	-4.07	0.70	-3.37	-1	-2.37
	6545	119	be (80MHz)	MCS5	-3.35	0.70	-2.65	-1	-1.65
Band 8	6705	151	be (80MHz)	MCS5	-3.36	0.70	-2.66	-1	-1.66
	6865	183	be (80MHz)	MCS5	-3.79	0.70	-3.09	-1	-2.09
	6665	143	be (160MHz)	MCS3	-2.91	0.70	-2.21	-1	-1.21
	6825	175	be (160MHz)	MCS3	-3.77	0.70	-3.07	-1	-2.07
	6895	189	a	36Mbps	-4.27	-0.70	-4.97	-1	-3.97
	6995	209	a	36Mbps	-4.27	-0.70	-4.97	-1	-3.97
	7115	233	a	36Mbps	-5.29	-0.70	-5.99	-1	-4.99
	6895	189	be (20MHz)	MCS0	-4.92	-0.70	-5.62	-1	-4.62
	6995	209	be (20MHz)	MCS5	-5.11	-0.70	-5.81	-1	-4.81
	7115	233	be (20MHz)	MCS5	-5.03	-0.70	-5.73	-1	-4.73
	6885	187	be (40MHz)	MCS5	-4.61	-0.70	-5.31	-1	-4.31
	7005	211	be (40MHz)	MCS5	-4.56	-0.70	-5.26	-1	-4.26
	7085	227	be (40MHz)	MCS5	-4.77	-0.70	-5.47	-1	-4.47
	6945	199	be (80MHz)	MCS5	-3.91	-0.70	-4.61	-1	-3.61
	7025	215	be (80MHz)	MCS5	-4.17	-0.70	-4.87	-1	-3.87
	6985	207	be (160MHz)	MCS3	-4.03	-0.70	-4.73	-1	-3.73

Table 7-63. Power Spectral Density Measurements Antenna WF7

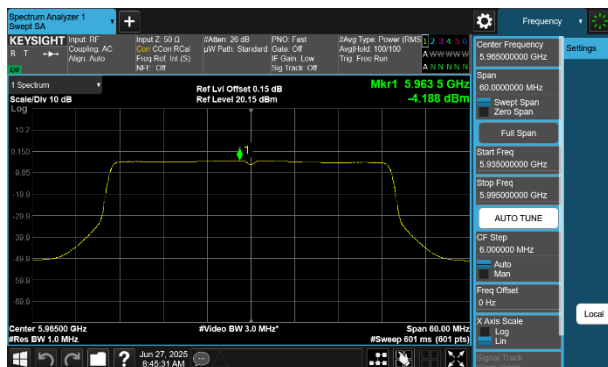
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 84 of 239



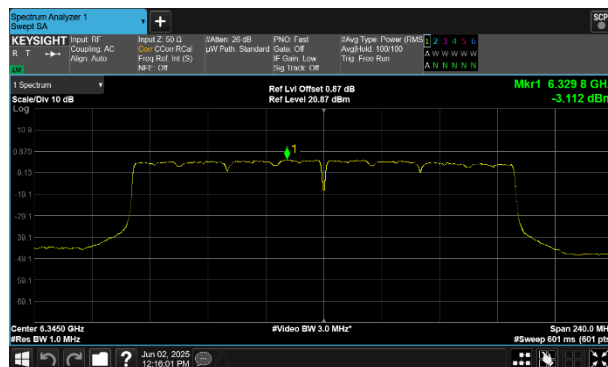
Plot 7-153 PSD Antenna WF7 (20MHz BW 802.11a - Ch.1)



Plot 7-155 PSD Antenna WF7 (80MHz BW 802.11be(SU) - Ch.87)

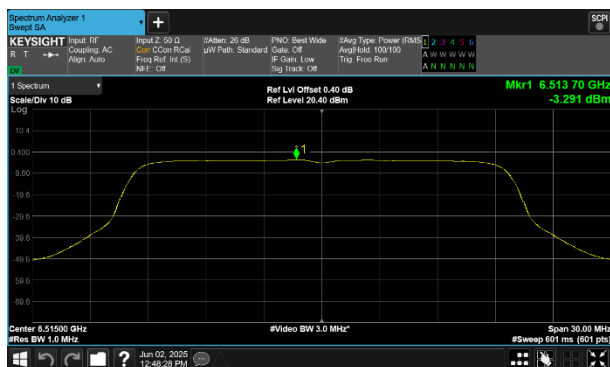


Plot 7-154 PSD Antenna WF7 (40MHz BW 802.11be(SU) - Ch.3)

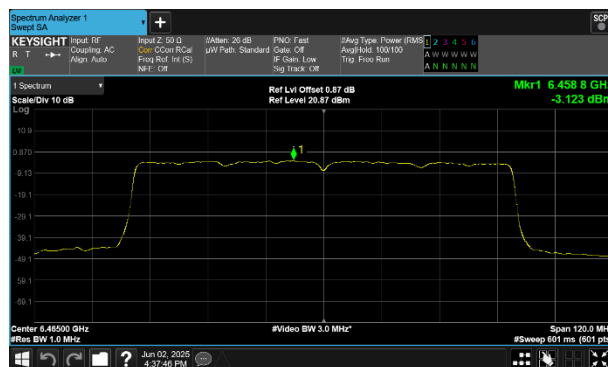


Plot 7-156 PSD Antenna WF7 (160MHz BW 802.11be(SU) - Ch.79)

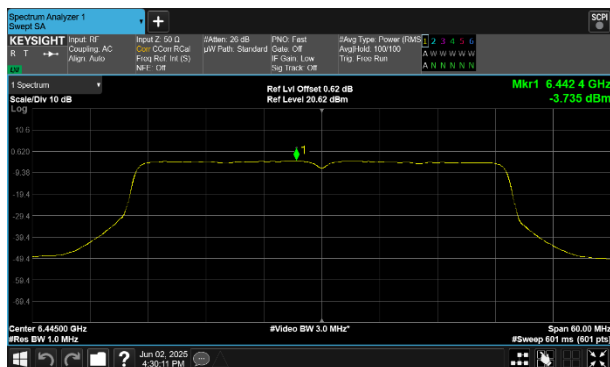
FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 85 of 239	



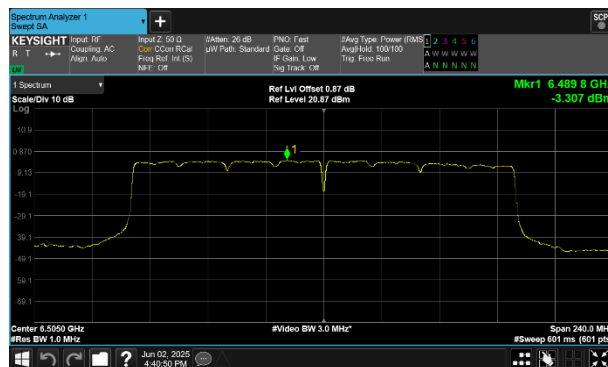
Plot 7-157 PSD Antenna WF7 (20MHz BW 802.11be(SU) - Ch.113)



Plot 7-159 PSD Antenna WF7 (80MHz BW 802.11be(SU) - Ch.103)

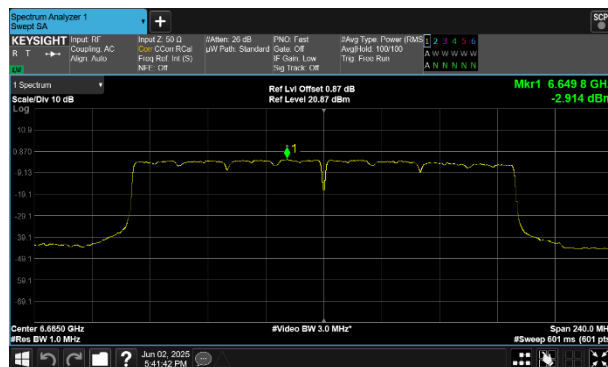
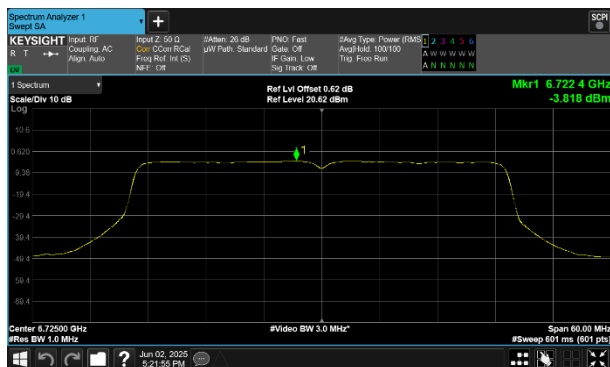
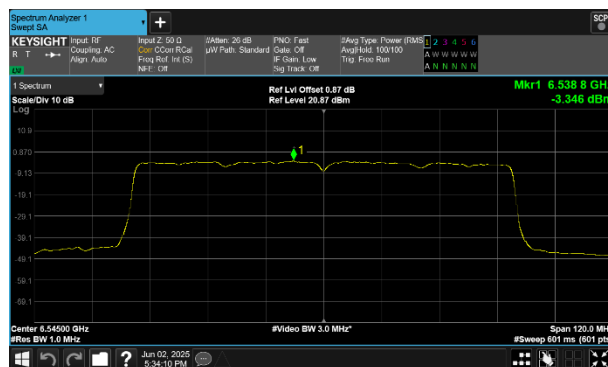
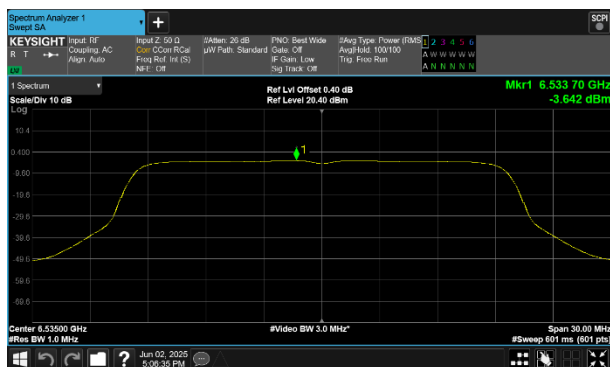


Plot 7-158 PSD Antenna WF7 (40MHz BW 802.11be(SU) - Ch.99)

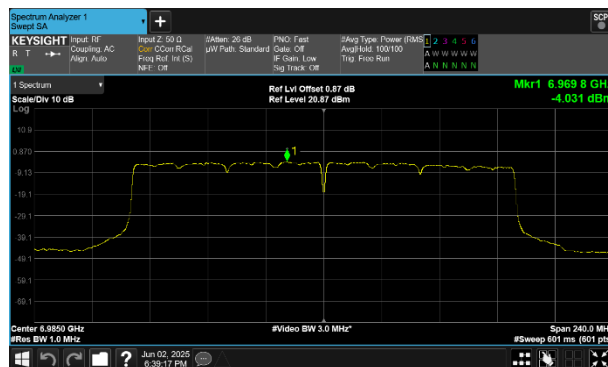
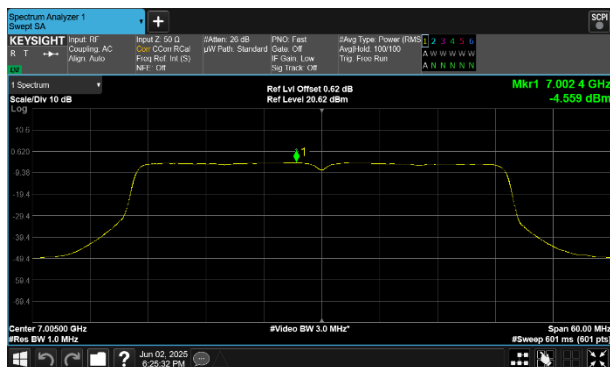
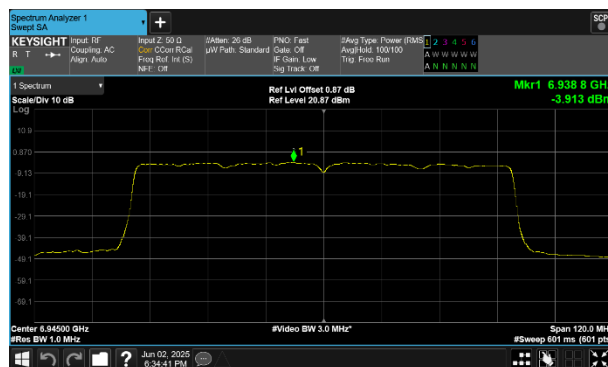
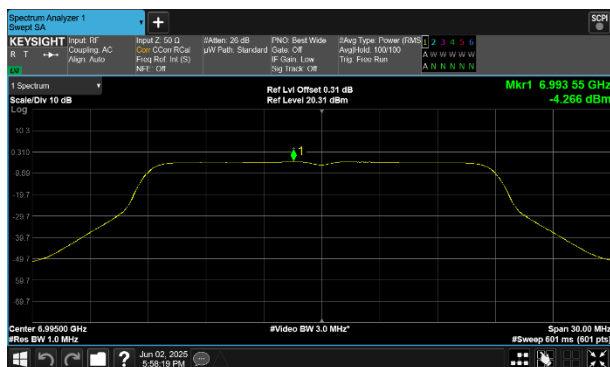


Plot 7-160 PSD Antenna WF7 (160MHz BW 802.11be(SU) - Ch.111)

FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 86 of 239



FCC ID: BCGA3357 IC: 579C-A3357	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 87 of 239



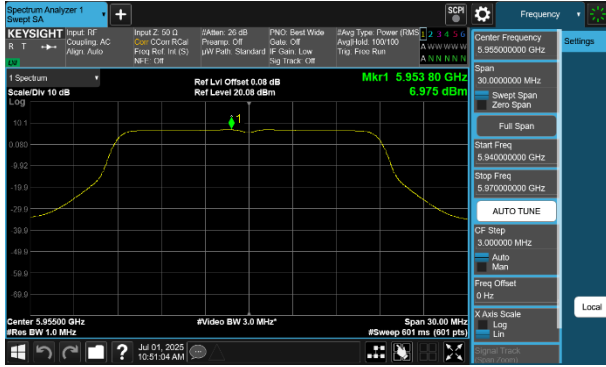
FCC ID: BCGA3357 IC: 579C-A3357			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device		Page 88 of 239

7.4.7 CDD Primary Power Spectral Density Measurements – SP

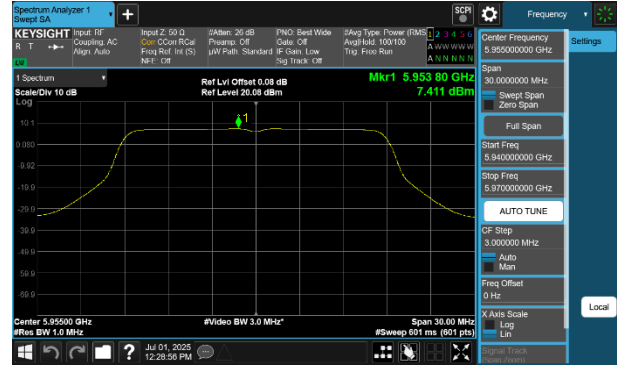
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna WF5B Measured Power Density [dBm/MHz]	Antenna WF8 Measured Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	5955	1	a	CDD	6Mbps	6.98	7.41	10.21	3.89	14.10	17	-2.90
	6175	45	a	CDD	6Mbps	6.80	6.88	9.85	3.46	13.31	17	-3.69
	6415	93	a	CDD	6Mbps	7.00	7.04	10.03	3.46	13.49	17	-3.51
	5955	1	be (20MHz)	CDD	MCS3	6.82	6.86	9.85	3.89	13.74	17	-3.26
	6175	45	be (20MHz)	CDD	MCS0	6.47	6.58	9.53	3.46	12.99	17	-4.01
	6415	93	be (20MHz)	CDD	MCS0	6.74	6.72	9.74	3.46	13.20	17	-3.80
	5965	3	be (40MHz)	CDD	MCS5	3.38	4.11	6.77	3.89	10.66	17	-6.34
	6165	43	be (40MHz)	CDD	MCS5	3.65	4.14	6.91	3.46	10.37	17	-6.63
	6405	91	be (40MHz)	CDD	MCS5	3.57	4.36	6.99	3.46	10.45	17	-6.55
	5985	7	be (80MHz)	CDD	MCS5	0.55	1.15	3.87	3.89	7.76	17	-9.24
	6145	39	be (80MHz)	CDD	MCS5	0.91	1.32	4.13	3.46	7.59	17	-9.41
	6385	87	be (80MHz)	CDD	MCS5	0.84	1.72	4.31	3.46	7.77	17	-9.23
	6025	15	be (160MHz)	CDD	MCS3	-1.86	-1.59	1.28	3.89	5.18	17	-11.82
	6185	47	be (160MHz)	CDD	MCS5	-1.60	-1.37	1.53	3.46	4.99	17	-12.01
	6345	79	be (160MHz)	CDD	MCS5	-1.95	-0.96	1.59	3.46	5.04	17	-11.96
Band 6	6435	97	a	CDD	36Mbps	5.38	6.10	8.77	2.76	11.53	17	-5.47
	6475	105	a	CDD	36Mbps	5.22	5.89	8.58	2.76	11.34	17	-5.66
	6515	113	a	CDD	36Mbps	5.03	5.97	8.53	2.76	11.29	17	-5.71
	6435	97	be (20MHz)	CDD	MCS5	5.18	5.88	8.56	2.76	11.32	17	-5.68
	6475	105	be (20MHz)	CDD	MCS5	5.04	5.68	8.38	2.76	11.14	17	-5.86
	6515	113	be (20MHz)	CDD	MCS5	4.78	5.73	8.29	2.76	11.05	17	-5.95
	6445	99	be (40MHz)	CDD	MCS5	2.36	3.01	5.71	2.76	8.47	17	-8.53
	6485	107	be (40MHz)	CDD	MCS5	2.21	2.85	5.55	2.76	8.31	17	-8.69
	6525	115	be (40MHz)	CDD	MCS5	2.29	3.02	5.68	2.76	8.44	17	-8.56
	6465	103	be (80MHz)	CDD	MCS5	-0.34	-0.02	2.83	2.76	5.59	17	-11.41
	6505	111	be (160MHz)	CDD	MCS5	-3.11	-2.64	0.14	2.76	2.90	17	-14.10
	6535	117	a	CDD	6Mbps	4.89	5.89	8.43	4.02	12.45	17	-4.55
	6695	149	a	CDD	36Mbps	4.82	5.97	8.44	4.02	12.46	17	-4.54
	6855	181	a	CDD	36Mbps	5.46	5.84	8.66	4.02	12.68	17	-4.32
	6535	117	be (20MHz)	CDD	MCS5	4.53	5.79	8.21	4.02	12.23	17	-4.77
Band 7	6695	149	be (20MHz)	CDD	MCS5	4.86	5.74	8.33	4.02	12.35	17	-4.65
	6855	181	be (20MHz)	CDD	MCS5	5.22	5.62	8.43	4.02	12.45	17	-4.55
	6565	123	be (40MHz)	CDD	MCS5	2.22	3.00	5.63	4.02	9.65	17	-7.35
	6725	155	be (40MHz)	CDD	MCS5	1.99	2.59	5.31	4.02	9.33	17	-7.67
	6845	179	be (40MHz)	CDD	MCS5	2.46	2.55	5.52	4.02	9.54	17	-7.46
	6545	119	be (80MHz)	CDD	MCS5	-0.82	-0.27	2.48	4.02	6.50	17	-10.50
	6705	151	be (80MHz)	CDD	MCS5	-0.67	-0.38	2.49	4.02	6.51	17	-10.49
	6785	167	be (80MHz)	CDD	MCS5	-0.31	-0.04	2.84	4.02	6.86	17	-10.14
	6665	143	be (160MHz)	CDD	MCS3	-3.36	-2.86	-0.09	4.02	3.92	17	-13.08

Table 7-64. Power Spectral Density Measurements CDD Primary

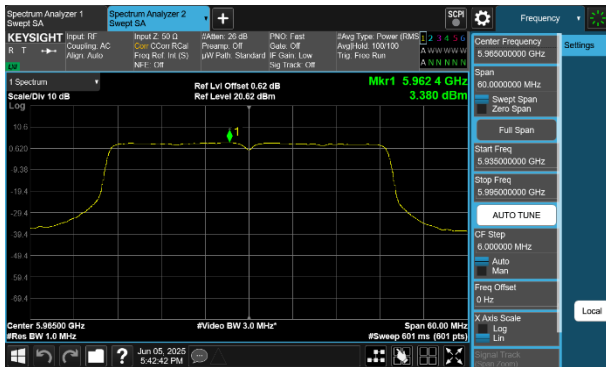
FCC ID: BCGA3357 IC: 579C-A3357	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG	Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 89 of 239



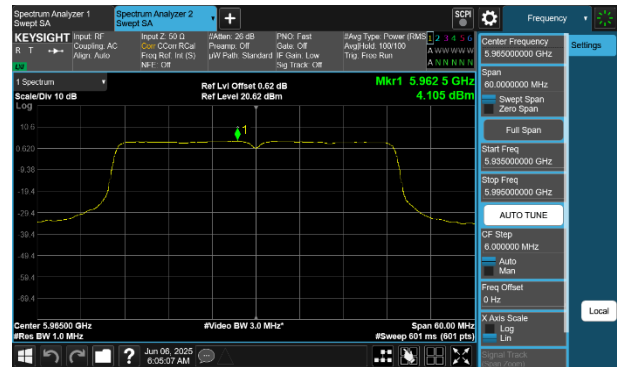
Plot 7-169 PSD CDD Primary Antenna WF5B (20MHz BW 802.11a - Ch.1)



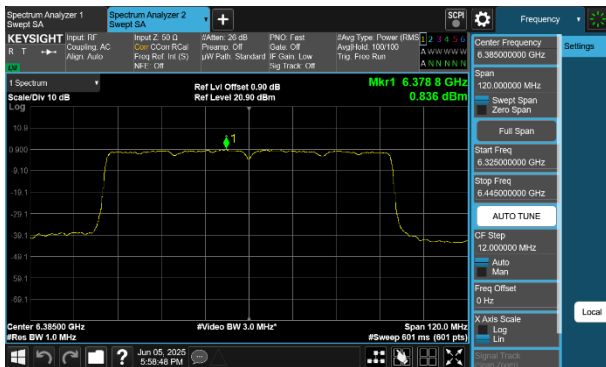
Plot 7-173 PSD CDD Primary Antenna WF8 (20MHz BW 802.11a - Ch.1)



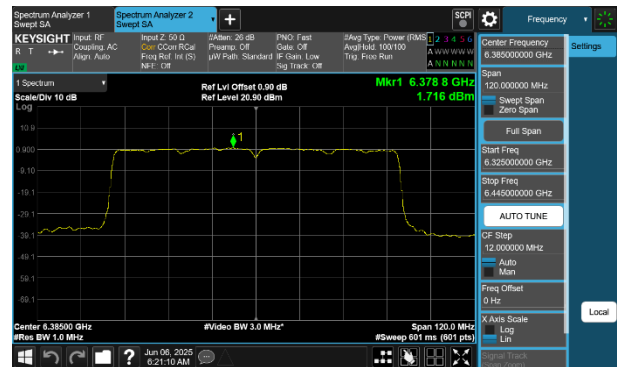
Plot 7-170 PSD CDD Primary Antenna WF5B (40MHz BW 802.11be(SU) - Ch.3)



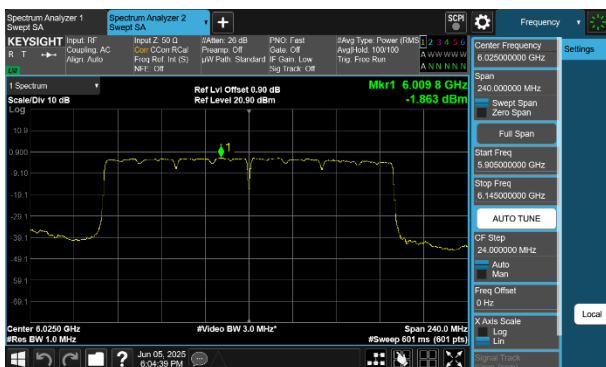
Plot 7-174 PSD CDD Primary Antenna WF8 (40MHz BW 802.11be(SU) - Ch.3)



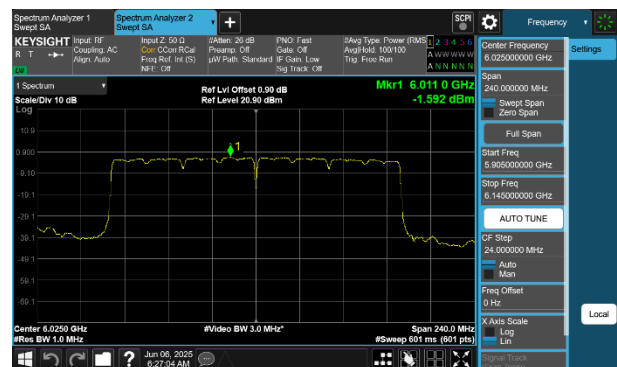
Plot 7-171 PSD CDD Primary Antenna WF5B (80MHz BW 802.11be(SU) - Ch.87)



Plot 7-175 PSD CDD Primary Antenna WF8 (80MHz BW 802.11be(SU) - Ch.87)



Plot 7-172 PSD CDD Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.15)



Plot 7-176 PSD CDD Primary Antenna WF8 (160MHz BW 802.11be(SU) - Ch.15)

FCC ID: BCGA3357 IC: 579C-A3357		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170038-15-R2.BCG			
Test Dates: 5/12/2025 - 8/26/2025	EUT Type: Tablet Device	Page 90 of 239	V 11.0 5/2025

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