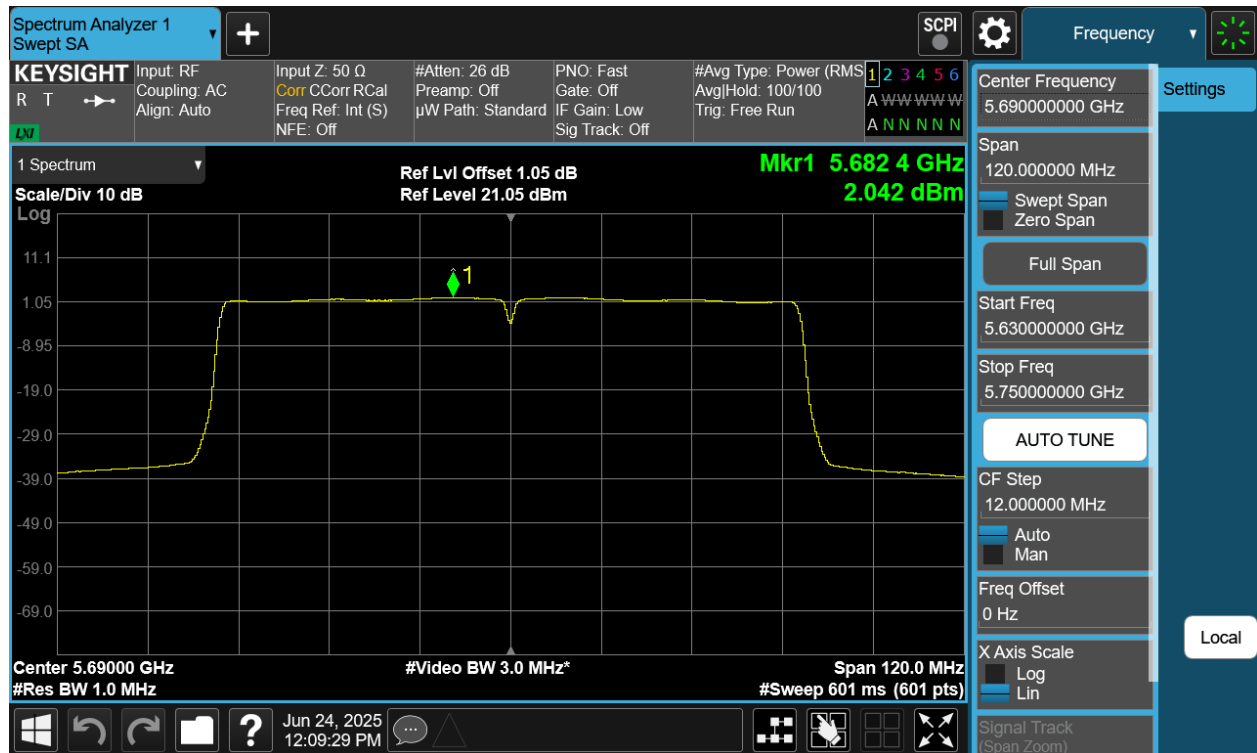
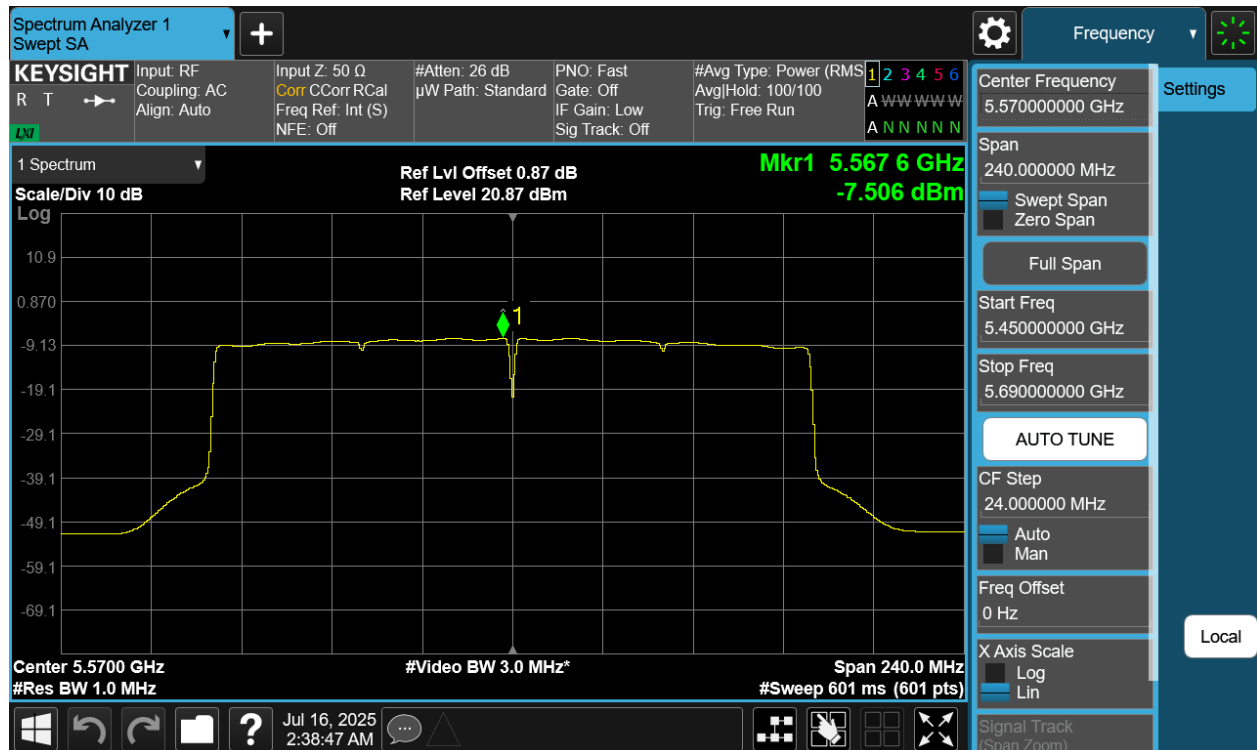




Plot 7-46 PSD Antenna WF7 (80MHz BW 802.11ac - Ch.138)



Plot 7-47 PSD Antenna WF7 (160MHz BW 802.11be(SU) - Ch.114)

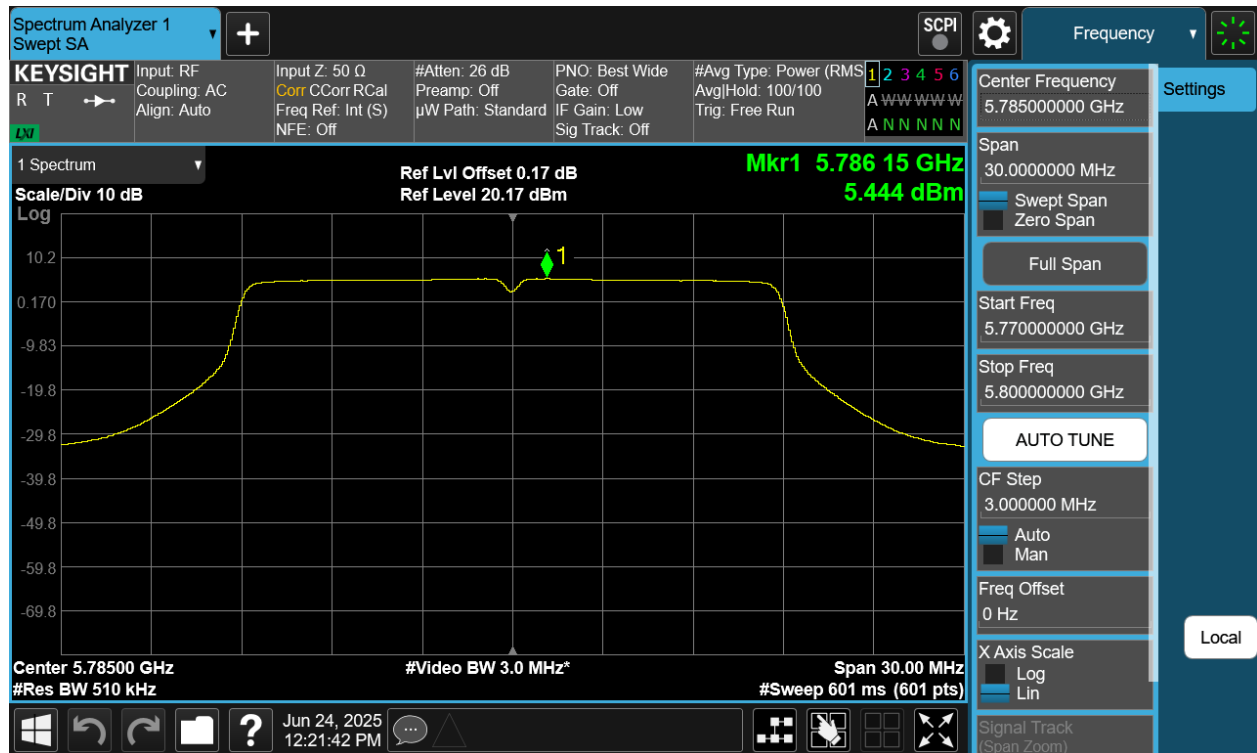
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 89 of 261

	Frequency [MHz]	Channel	802.11 MODE	Data Rate	Measured Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	18Mbps	5.40	30.0	-24.6
	5785	157	a	18Mbps	5.44	30.0	-24.6
	5825	165	a	18Mbps	5.43	30.0	-24.6
	5745	149	n (20MHz)	MCS5	5.37	30.0	-24.63
	5785	157	n (20MHz)	MCS5	5.41	30.0	-24.59
	5825	165	n (20MHz)	MCS5	5.41	30.0	-24.59
	5745	149	be (SU) (20MHz)	MCS0	4.33	30.0	-25.67
	5785	157	be (SU) (20MHz)	MCS0	4.33	30.0	-25.67
	5825	165	be (SU) (20MHz)	MCS0	4.34	30.0	-25.66
	5755	151	n (40MHz)	MCS3	2.49	30.0	-27.51
	5795	159	n (40MHz)	MCS3	2.48	30.0	-27.53
	5755	151	be (SU) (40MHz)	MCS3	1.24	30.0	-28.76
	5795	159	be (SU) (40MHz)	MCS3	1.30	30.0	-28.70
	5775	155	ac (80MHz)	MCS0	-1.19	30.0	-31.19
	5775	155	be (SU) (80MHz)	MCS0	-3.25	30.0	-33.25

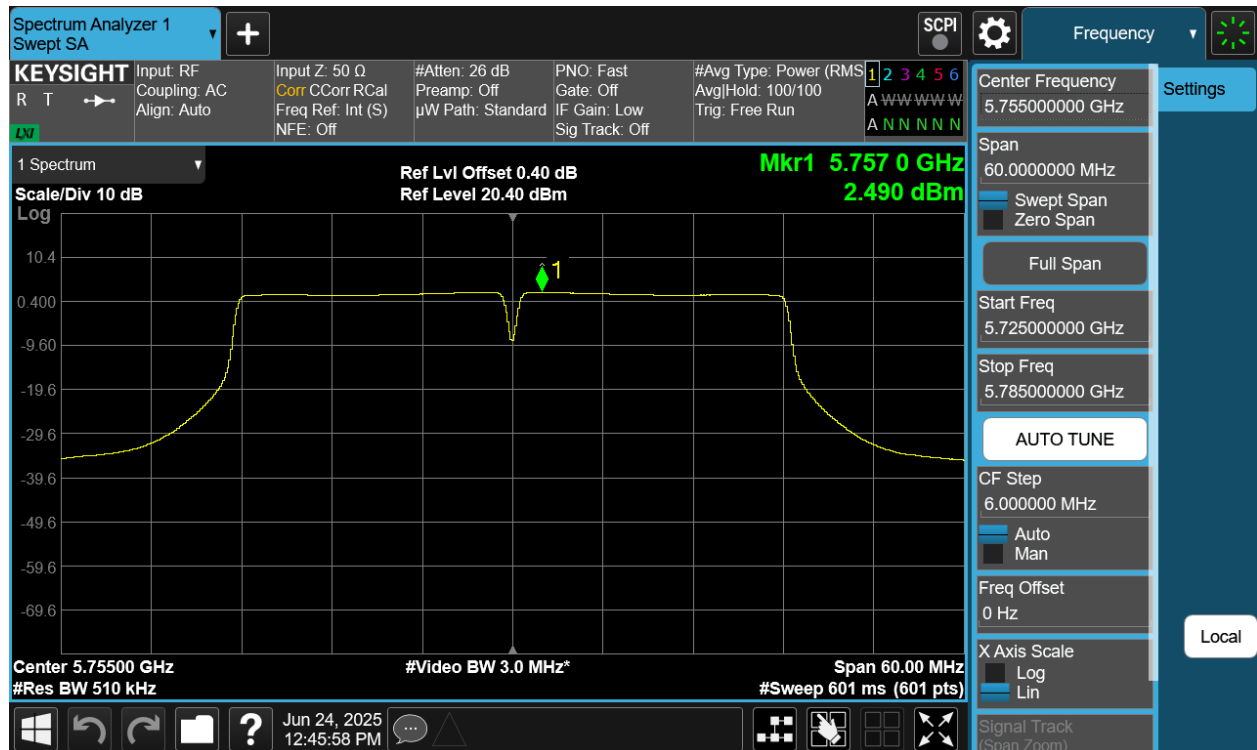
Table 7-105. Band 3 Power Spectral Density Measurements Antenna WF7

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 90 of 261

V 11.0 05/2025

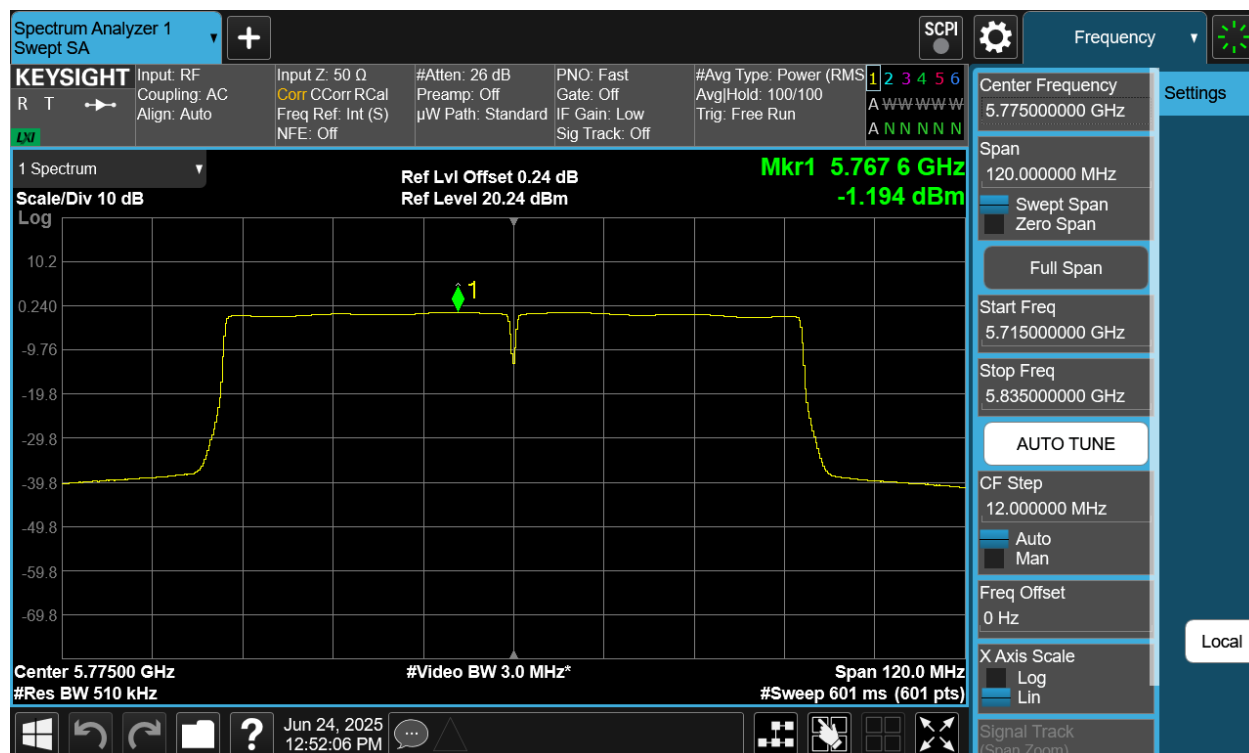


Plot 7-48 PSD Antenna WF7 (20MHz BW 802.11a - Ch.157)



Plot 7-49 PSD Antenna WF7 (40MHz BW 802.11n - Ch.151)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 91 of 261



Plot 7-50 PSD Antenna WF7 (80MHz BW 802.11ac - Ch.155)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 92 of 261

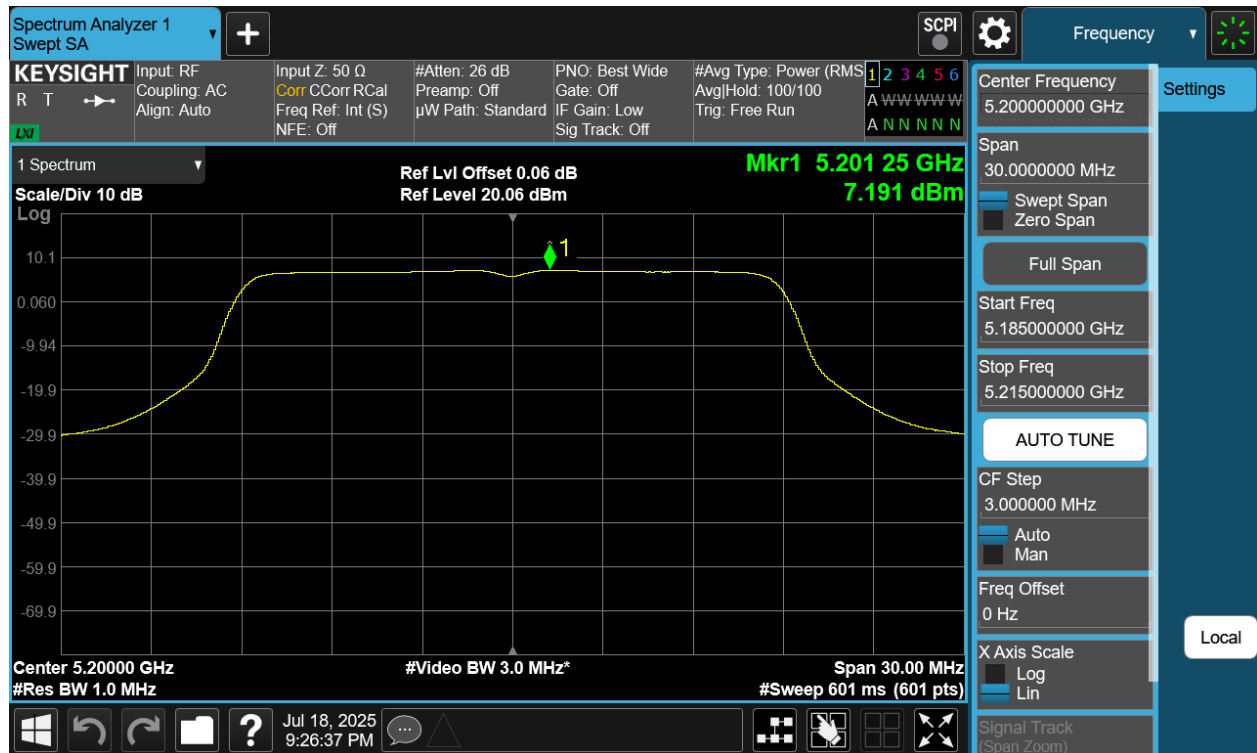
V 11.0 05/2025

	Frequency [MHz]	Channel No.	802.11 MODE	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	6Mbps	6.28	-1.90	4.38	10.0	-5.62
	5200	40	a	6Mbps	6.99	-1.90	5.09	10.0	-4.91
	5240	48	a	18Mbps	7.14	-1.90	5.24	10.0	-4.76
	5180	36	n (20MHz)	MCS0	6.29	-1.90	4.39	10.0	-5.61
	5200	40	n (20MHz)	MCS0	7.19	-1.90	5.29	10.0	-4.71
	5240	48	n (20MHz)	MCS5	7.12	-1.90	5.22	10.0	-4.79
	5180	36	be (SU) (20MHz)	MCS3	4.96	-1.90	3.06	10.0	-6.94
	5200	40	be (SU) (20MHz)	MCS0	6.96	-1.90	5.06	10.0	-4.94
	5240	48	be (SU) (20MHz)	MCS0	6.97	-1.90	5.07	10.0	-4.93
	5190	38	n (40MHz)	MCS0	0.84	-1.90	-1.06	10.0	-11.06
	5230	46	n (40MHz)	MCS5	5.38	-1.90	3.48	10.0	-6.52
	5190	38	be (SU) (40MHz)	MCS0	-1.06	-1.90	-2.96	10.0	-12.96
	5230	46	be (SU) (40MHz)	MCS3	5.12	-1.90	3.22	10.0	-6.78
	5210	42	ac (80MHz)	MCS0	-3.77	-1.90	-5.67	10.0	-15.67
	5210	42	be (SU) (80MHz)	MCS0	-4.39	-1.90	-6.29	10.0	-16.29
Band 1/2	5250	50	ac (160MHz)	MCS5	-8.81	-1.90	-10.71	10.0	-20.71
	5250	50	be (SU) (160MHz)	MCS5	-9.11	-1.90	-11.01	10.0	-21.01

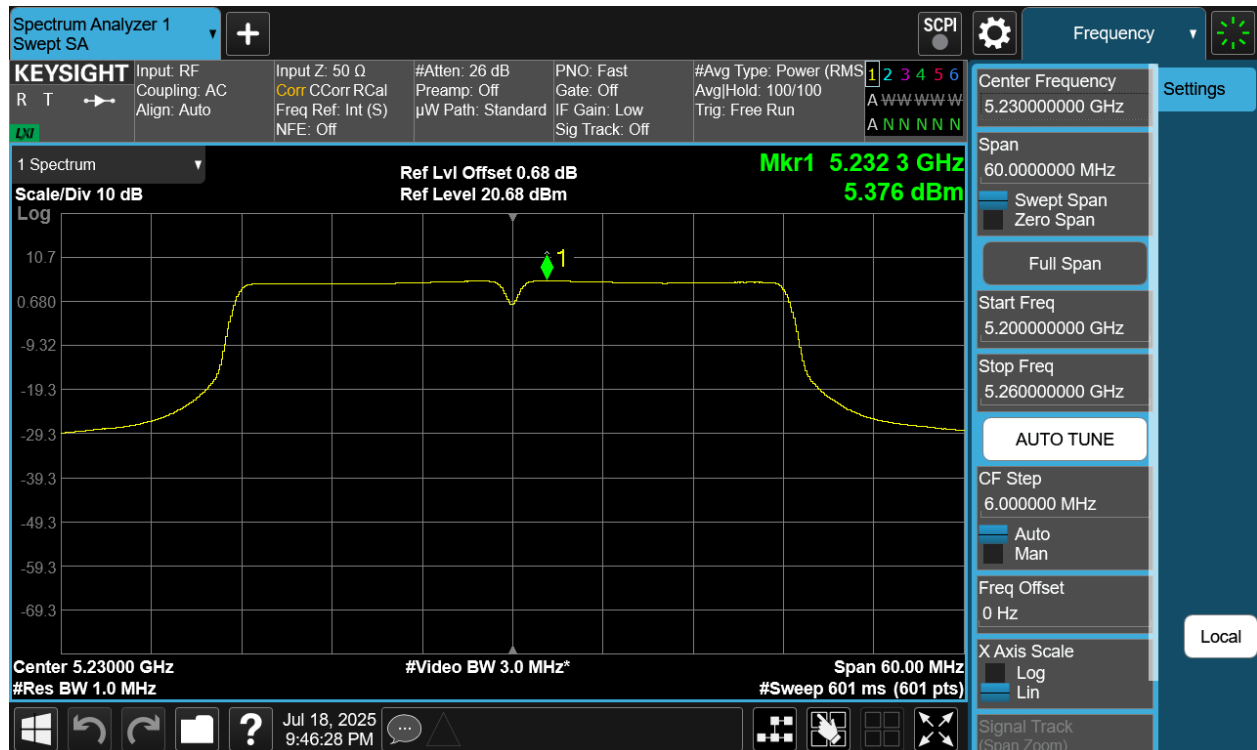
Table 7-106. ISED Band 1 e.i.r.p. Power Spectral Density Measurements Antenna WF7

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 93 of 261

V 11.0 05/2025

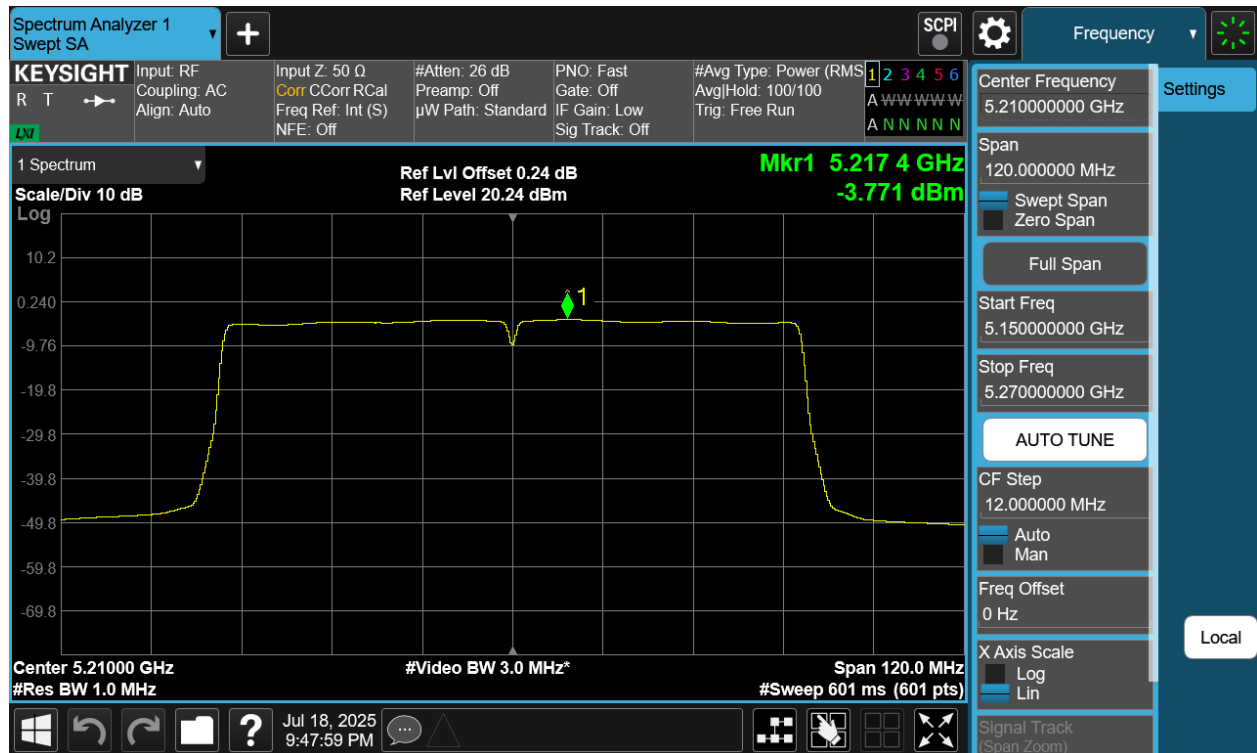


Plot 7-51 PSD Antenna WF7 (20MHz BW 802.11n - Ch.40)

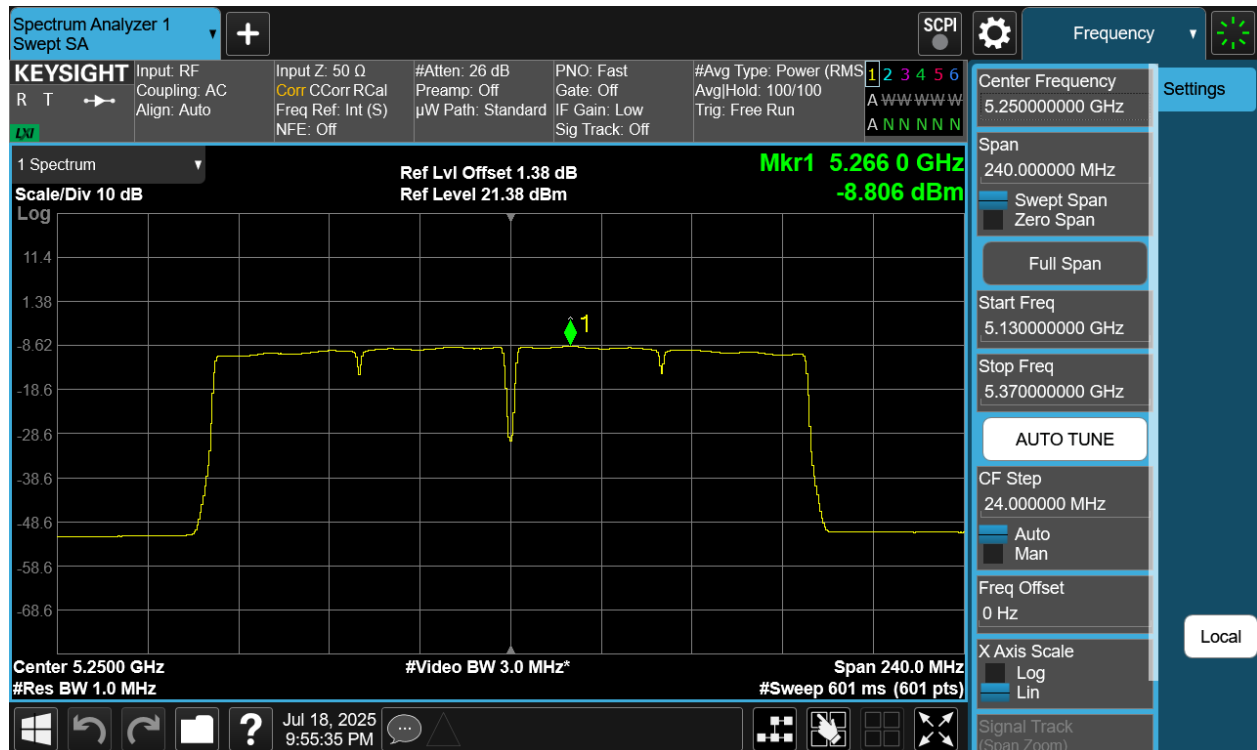


Plot 7-52 PSD Antenna WF7 (40MHz BW 802.11n - Ch.46)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 94 of 261



Plot 7-53 PSD Antenna WF7 (80MHz BW 802.11ac - Ch.42)



Plot 7-54 PSD Antenna WF7 (160MHz BW 802.11ac - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 95 of 261

V 11.0 05/2025

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7.5.5 Summed CDD/SDM Primary Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	Data Rate	Antenna WF5B Power Density [dBm/MHz]	Antenna WF8 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	CDD	6Mbps	5.47	5.36	8.43	11.00	-2.57
	5200	40	a	CDD	6Mbps	5.70	6.00	8.86	11.00	-2.14
	5240	48	a	CDD	6Mbps	6.68	6.76	9.73	11.00	-1.27
	5180	36	n (20MHz)	CDD	MCS0	5.55	5.39	8.48	11.00	-2.52
	5200	40	n (20MHz)	CDD	MCS3	6.76	6.73	9.76	11.00	-1.24
	5240	48	n (20MHz)	CDD	MCS3	6.62	6.71	9.67	11.00	-1.33
	5180	36	be (SU) (20MHz)	CDD	MCS0	3.56	3.23	6.41	11.00	-4.59
	5200	40	be (SU) (20MHz)	CDD	MCS0	5.97	5.99	8.99	11.00	-2.01
	5240	48	be (SU) (20MHz)	CDD	MCS3	5.88	5.75	8.83	11.00	-2.17
	5190	38	n (40MHz)	CDD	MCS0	-0.83	-0.02	2.60	11.00	-8.40
	5230	46	n (40MHz)	CDD	MCS5	5.60	5.48	8.55	11.00	-2.45
	5190	38	be (SU) (40MHz)	CDD	MCS3	-2.36	-2.67	0.50	11.00	-10.50
	5230	46	be (SU) (40MHz)	CDD	MCS0	4.50	4.52	7.52	11.00	-3.48
	5210	42	ac (80MHz)	CDD	MCS0	-4.05	-4.21	-1.12	11.00	-12.12
Band 1/2	5210	42	be (SU) (80MHz)	CDD	MCS0	-5.28	-5.75	-2.50	11.00	-13.50
	5250	50	ac (160MHz)	CDD	MCS5	-10.34	-9.79	-7.04	11.00	-18.04
Band 2A	5250	50	be (SU) (160MHz)	CDD	MCS5	-10.21	-10.52	-7.35	11.00	-18.35
	5260	52	a	CDD	6Mbps	6.65	6.76	9.71	11.00	-1.29
	5300	60	a	CDD	18Mbps	6.65	6.58	9.62	11.00	-1.38
	5320	64	a	CDD	18Mbps	5.44	5.23	8.35	11.00	-2.65
	5260	52	n (20MHz)	CDD	MCS0	6.63	6.72	9.69	11.00	-1.31
	5300	60	n (20MHz)	CDD	MCS0	6.57	6.47	9.53	11.00	-1.47
	5320	64	n (20MHz)	CDD	MCS3	5.27	5.28	8.28	11.00	-2.72
	5260	52	be (SU) (20MHz)	CDD	MCS3	5.84	5.56	8.71	11.00	-2.29
	5300	60	be (SU) (20MHz)	CDD	MCS5	5.77	5.95	8.87	11.00	-2.13
	5320	64	be (SU) (20MHz)	CDD	MCS3	4.70	4.41	7.57	11.00	-3.43
	5270	54	n (40MHz)	CDD	MCS5	5.48	5.40	8.45	11.00	-2.55
	5310	62	n (40MHz)	CDD	MCS0	1.11	1.17	4.15	11.00	-6.85
	5270	54	be (SU) (40MHz)	CDD	MCS3	4.40	4.53	7.48	11.00	-3.52
	5310	62	be (SU) (40MHz)	CDD	MCS0	-0.76	-1.20	2.04	11.00	-8.96
	5290	58	ac (80MHz)	CDD	MCS0	-3.53	-3.29	-0.40	11.00	-11.40
	5290	58	be (SU) (80MHz)	CDD	MCS0	-4.33	-4.57	-1.44	11.00	-12.44
Band 2C	5500	100	a	CDD	18Mbps	5.26	5.23	8.26	11.00	-2.74
	5580	116	a	CDD	36Mbps	6.62	6.66	9.65	11.00	-1.35
	5720	144	a	CDD	36Mbps	6.25	5.92	9.10	11.00	-1.90
	5500	100	n (20MHz)	CDD	MCS3	5.34	5.29	8.32	11.00	-2.68
	5580	116	n (20MHz)	CDD	MCS5	6.70	6.77	9.75	11.00	-1.25
	5720	144	n (20MHz)	CDD	MCS3	6.17	5.84	9.02	11.00	-1.98
	5500	100	be (SU) (20MHz)	CDD	MCS0	3.67	3.82	6.76	11.00	-4.24
	5580	116	be (SU) (20MHz)	CDD	MCS5	5.60	5.69	8.65	11.00	-2.35
	5720	144	be (SU) (20MHz)	CDD	MCS3	6.14	5.55	8.87	11.00	-2.13
	5510	102	n (40MHz)	CDD	MCS3	0.18	0.40	3.30	11.00	-7.70
	5550	110	n (40MHz)	CDD	MCS3	3.93	3.69	6.82	11.00	-4.18
	*5590	118	n (40MHz)	CDD	MCS0	5.67	5.24	8.47	11.00	-2.53
	5670	134	n (40MHz)	CDD	MCS0	2.53	2.00	5.28	11.00	-5.72
	5710	142	n (40MHz)	CDD	MCS5	5.54	5.45	8.50	11.00	-2.50
	5510	102	be (SU) (40MHz)	CDD	MCS0	-2.11	-2.16	0.87	11.00	-10.13
	5550	110	be (SU) (40MHz)	CDD	MCS0	3.15	2.93	6.05	11.00	-4.95
	5710	142	be (SU) (40MHz)	CDD	MCS5	4.59	4.35	7.48	11.00	-3.52
	5530	106	ac (80MHz)	CDD	MCS0	-3.71	-3.98	-0.83	11.00	-11.83
	*5610	122	ac (80MHz)	CDD	MCS0	0.79	0.71	3.76	11.00	-7.24
	5690	138	ac (80MHz)	CDD	MCS0	2.28	2.21	5.25	11.00	-5.75
	5530	106	be (SU) (80MHz)	CDD	MCS0	-5.39	-5.49	-2.43	11.00	-13.43
	*5610	122	be (SU) (80MHz)	CDD	MCS0	-1.32	-1.11	1.80	11.00	-9.20
	5690	138	be (SU) (80MHz)	CDD	MCS0	1.44	1.77	4.62	11.00	-6.38
	*5570	114	ac (160MHz)	CDD	MCS0	-7.83	-8.21	-5.01	11.00	-16.01
	*5570	114	be (SU) (160MHz)	CDD	MCS3	-7.88	-8.44	-5.14	11.00	-16.14

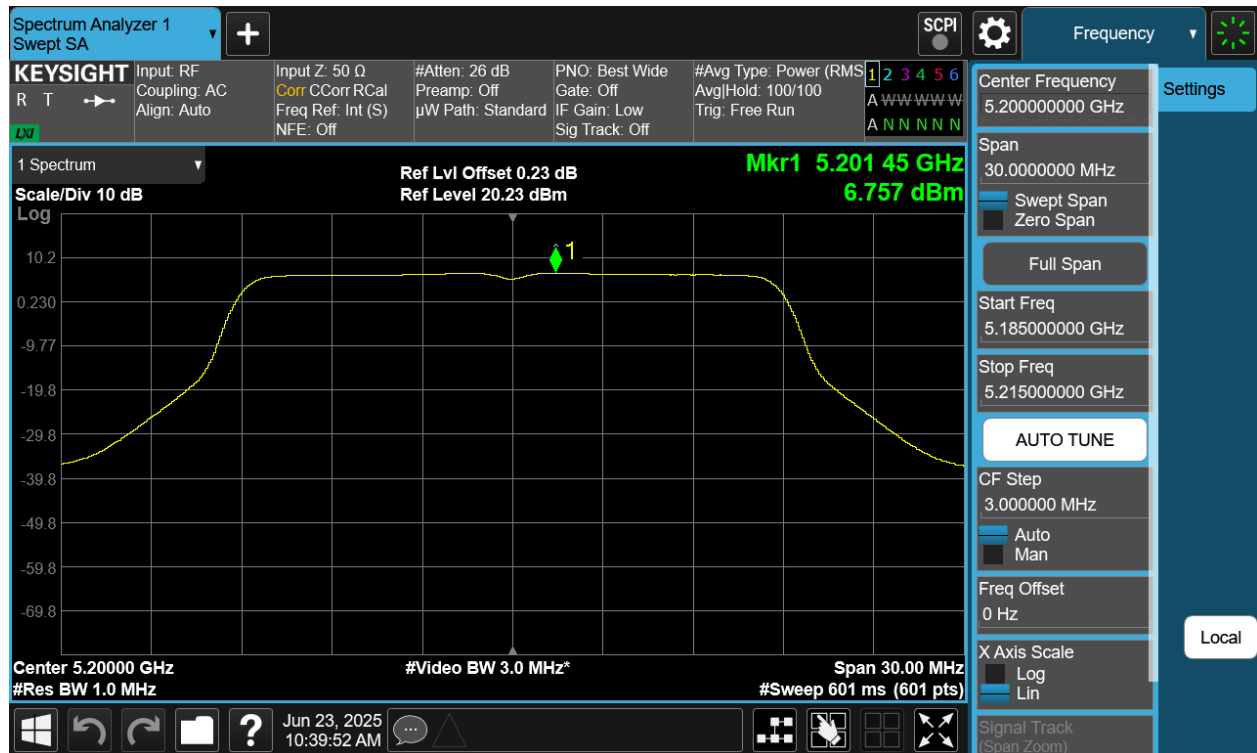
Table 7-107. Bands 1, 2A, 2C CDD Primary Power Spectral Density Measurements

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

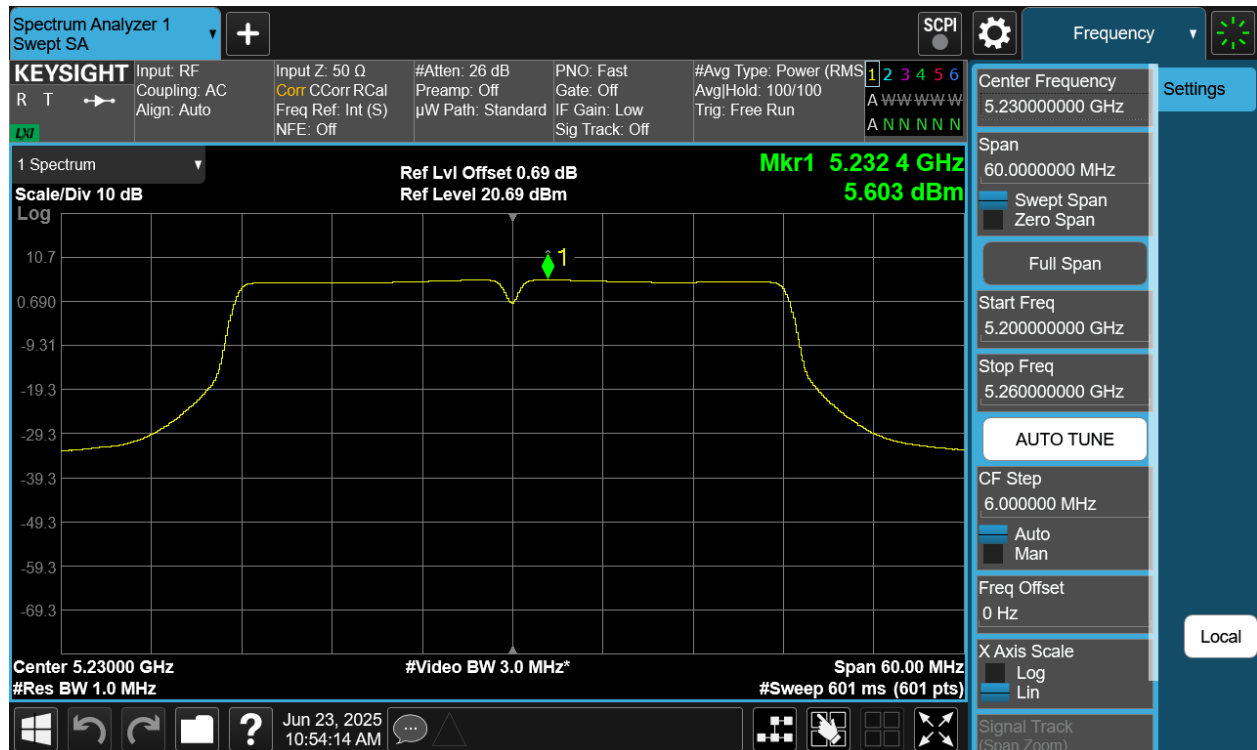
FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 96 of 261

V 11.0 05/2025

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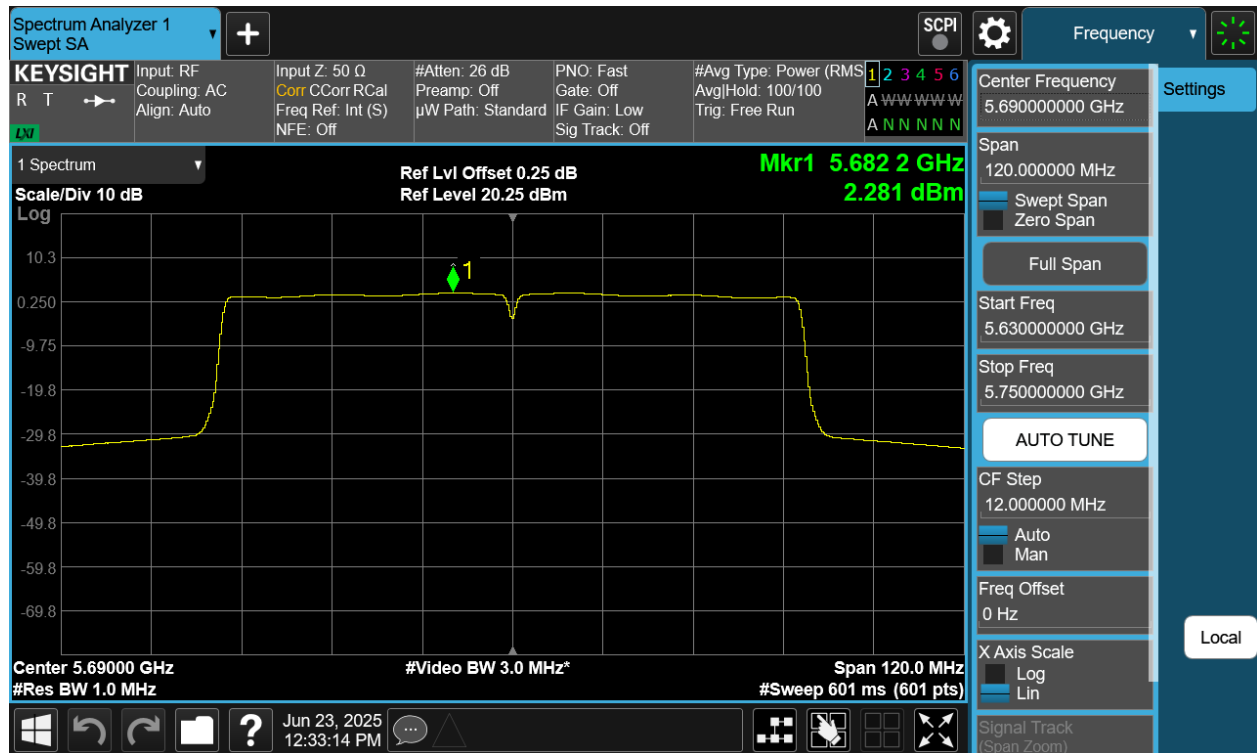


Plot 7-55 PSD CDD Primary Antenna WF5B (20MHz BW 802.11n - Ch.40)

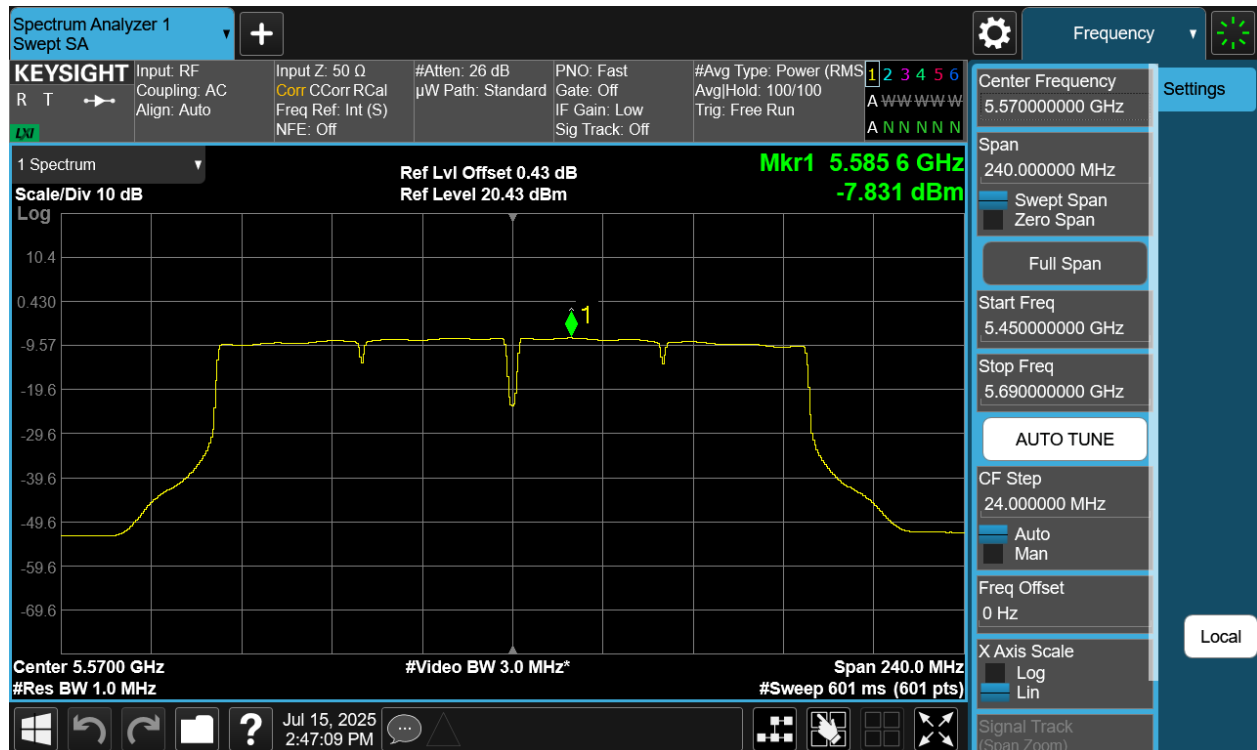


Plot 7-56 PSD CDD Primary Antenna WF5B (40MHz BW 802.11n - Ch.46)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 97 of 261



Plot 7-57 PSD CDD Primary Antenna WF5B (80MHz BW 802.11ac - Ch.138)

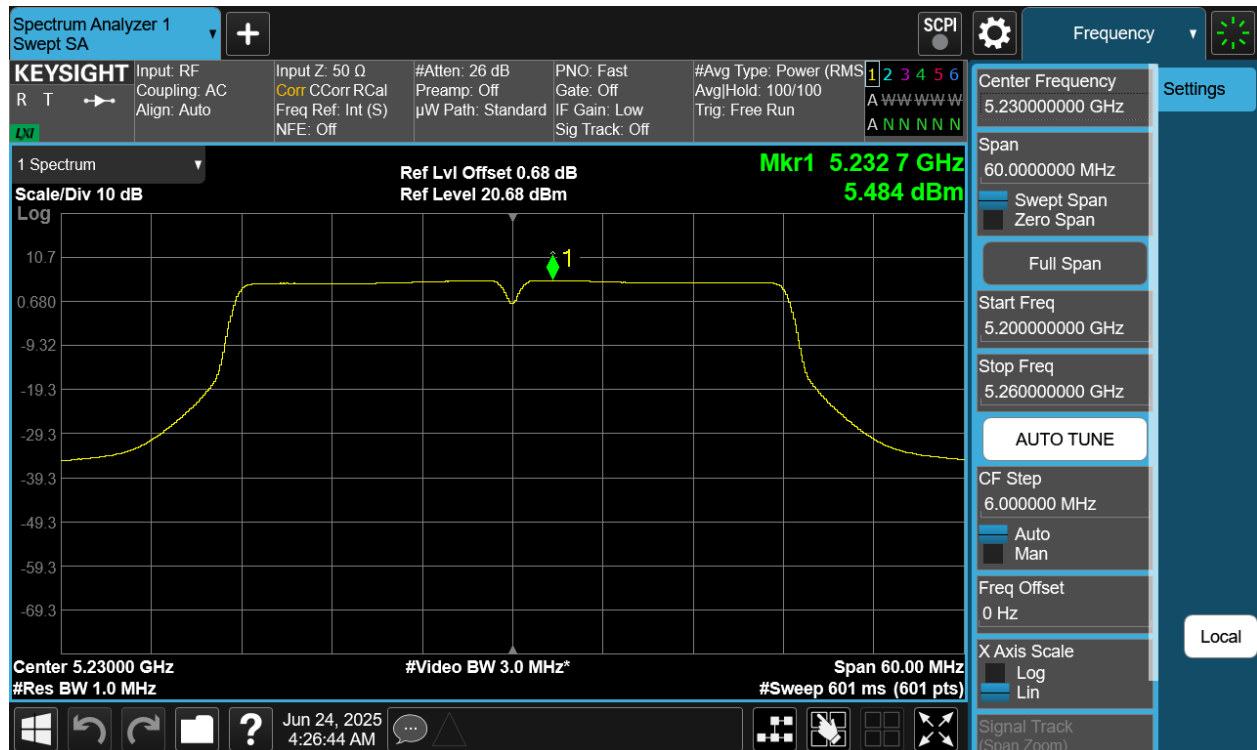
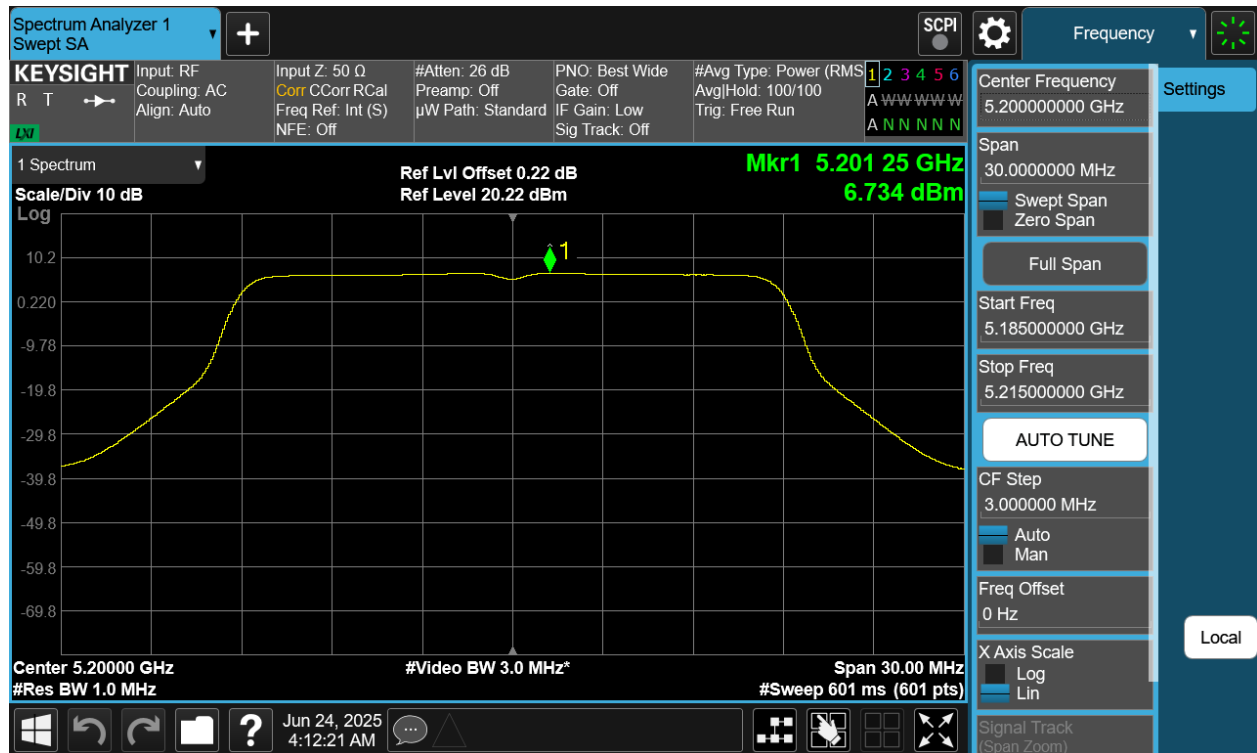


Plot 7-58 PSD CDD Primary Antenna WF5B (160MHz BW 802.11ac - Ch.114)

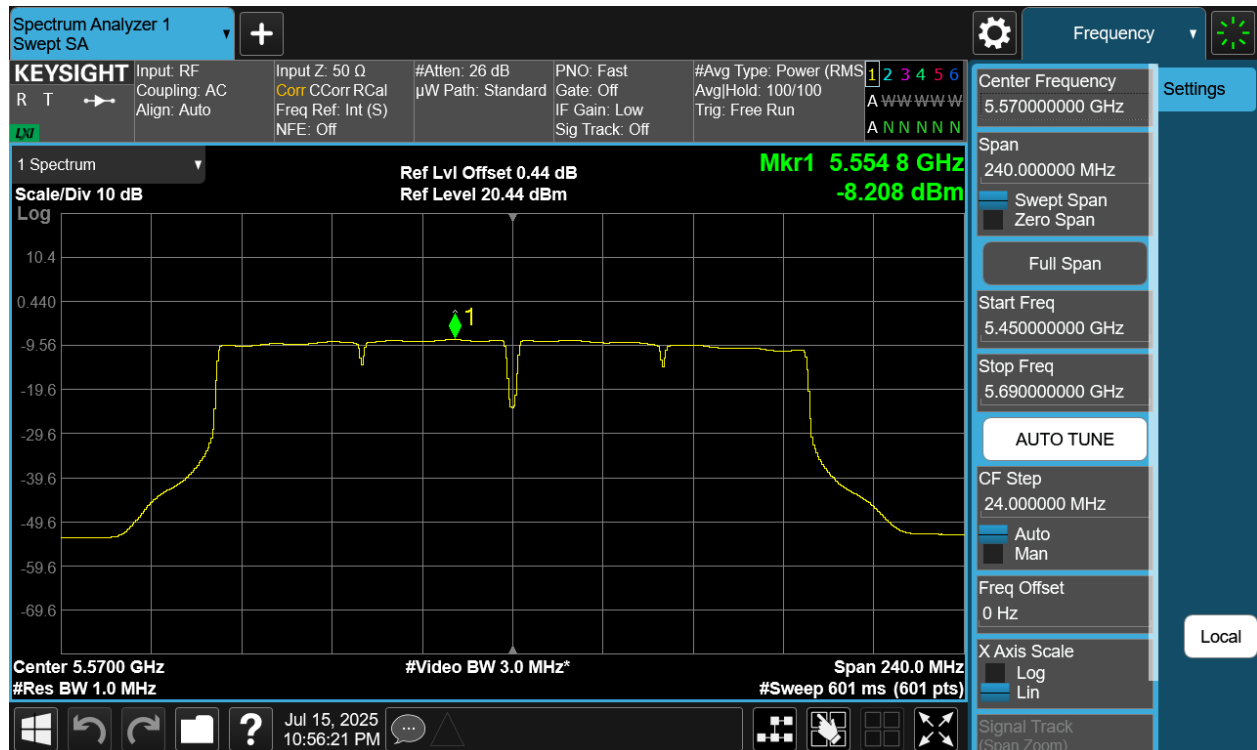
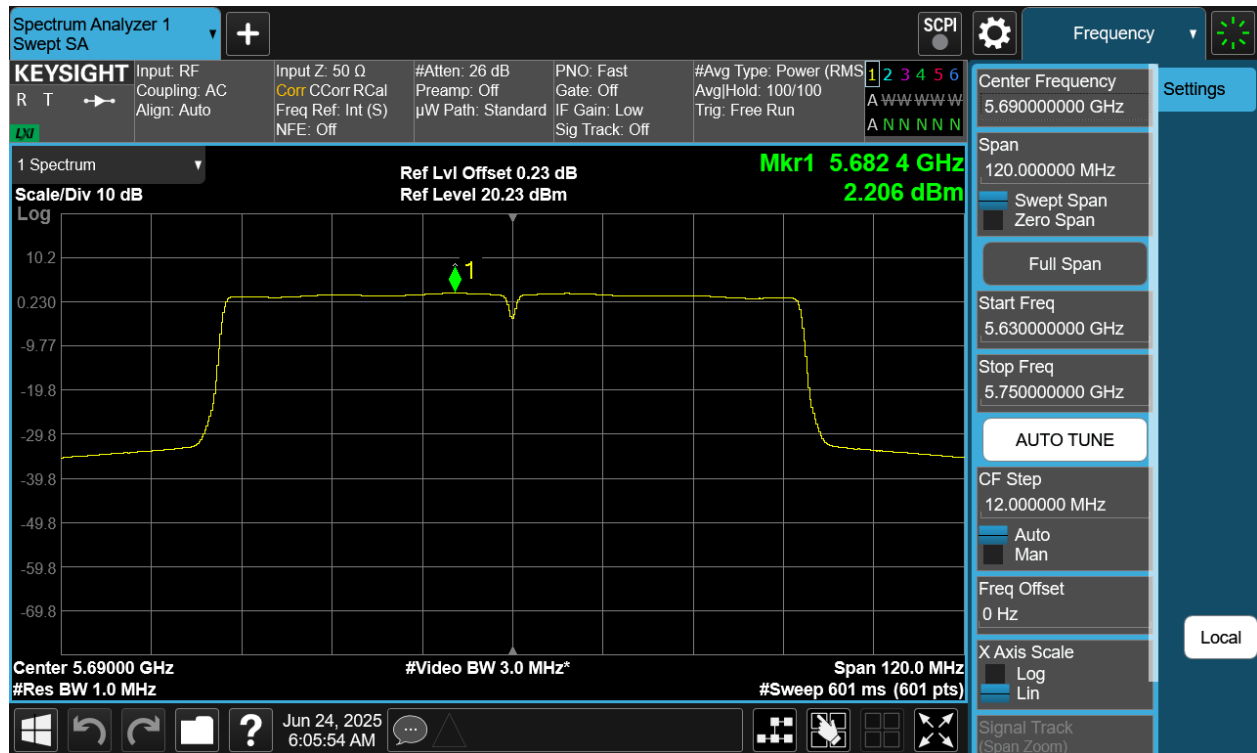
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 98 of 261

V 11.0 05/2025

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FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 99 of 261



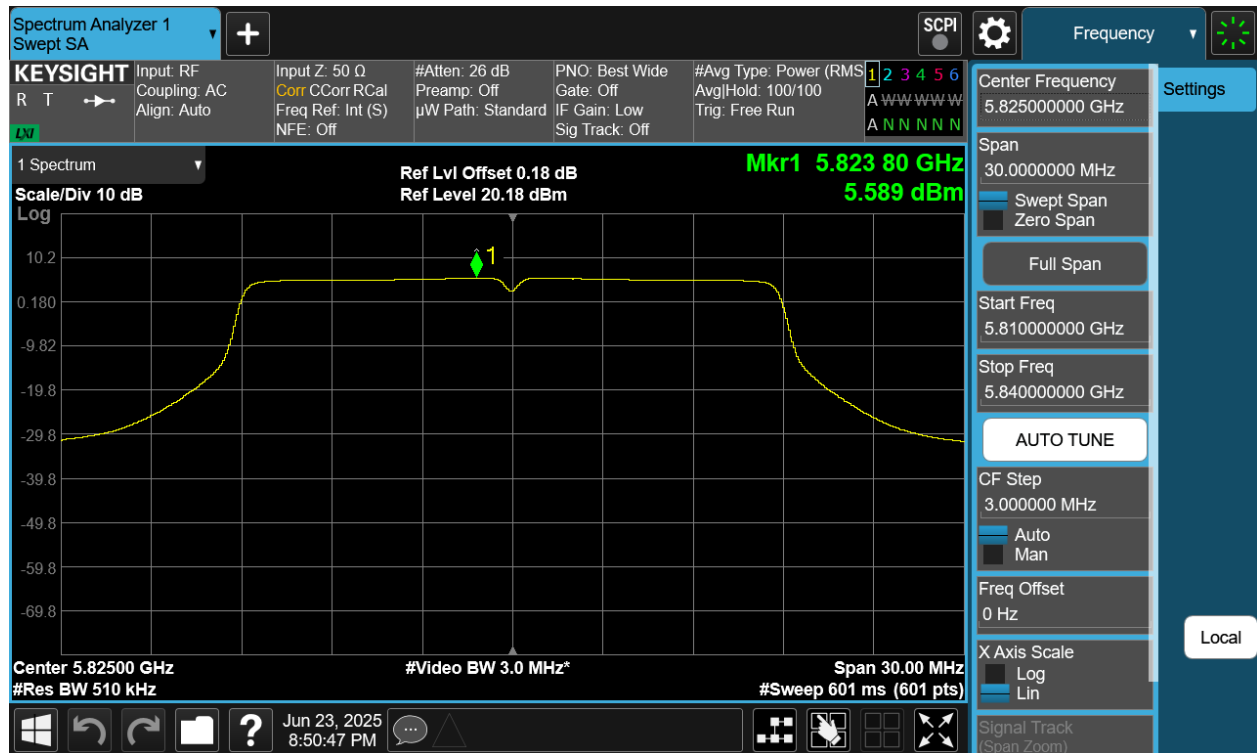
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 100 of 261

	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate	Antenna WF5B Power Density [dBm/500kHz]	Antenna WF8 Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	CDD	18Mbps	5.32	5.53	8.44	30.0	-21.56
	5785	157	a	CDD	18Mbps	5.56	5.58	8.58	30.0	-21.42
	5825	165	a	CDD	18Mbps	5.59	5.63	8.62	30.0	-21.38
	5745	149	n (20MHz)	CDD	MCS5	5.65	5.51	8.59	30.0	-21.41
	5785	157	n (20MHz)	CDD	MCS3	5.62	5.41	8.52	30.0	-21.48
	5825	165	n (20MHz)	CDD	MCS5	5.54	5.64	8.60	30.0	-21.40
	5745	149	be (SU) (20MHz)	CDD	MCS5	4.42	4.71	7.58	30.0	-22.42
	5785	157	be (SU) (20MHz)	CDD	MCS0	4.42	4.53	7.49	30.0	-22.51
	5825	165	be (SU) (20MHz)	CDD	MCS0	4.43	4.46	7.45	30.0	-22.55
	5755	151	n (40MHz)	CDD	MCS5	2.73	2.44	5.59	30.0	-24.41
	5795	159	n (40MHz)	CDD	MCS5	2.53	2.43	5.49	30.0	-24.51
	5755	151	be (SU) (40MHz)	CDD	MCS5	1.51	1.61	4.57	30.0	-25.43
	5795	159	be (SU) (40MHz)	CDD	MCS5	1.42	1.58	4.51	30.0	-25.49
	5775	155	ac (80MHz)	CDD	MCS0	-1.55	-1.57	1.45	30.0	-28.55
	5775	155	be (SU) (80MHz)	CDD	MCS0	-3.25	-3.58	-0.40	30.0	-30.40

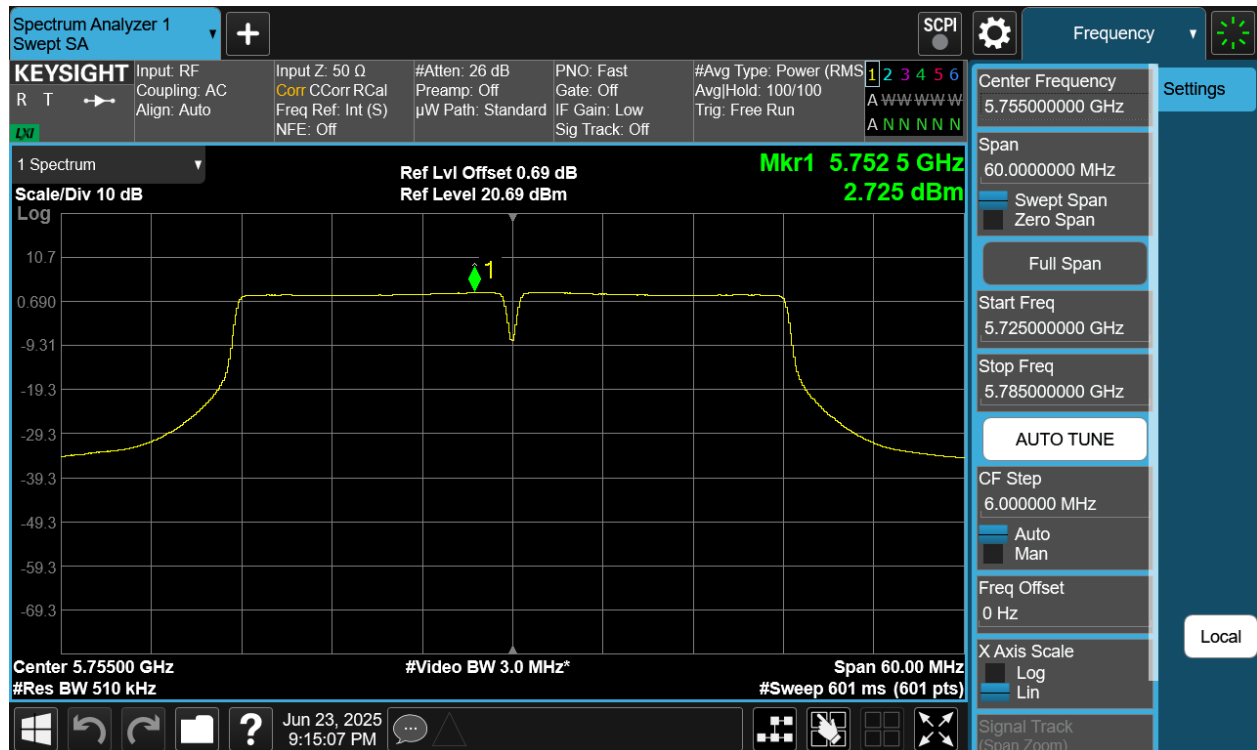
Table 7-108. Band 3 Power Spectral Density Measurements CDD Primary

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 101 of 261

V 11.0 05/2025

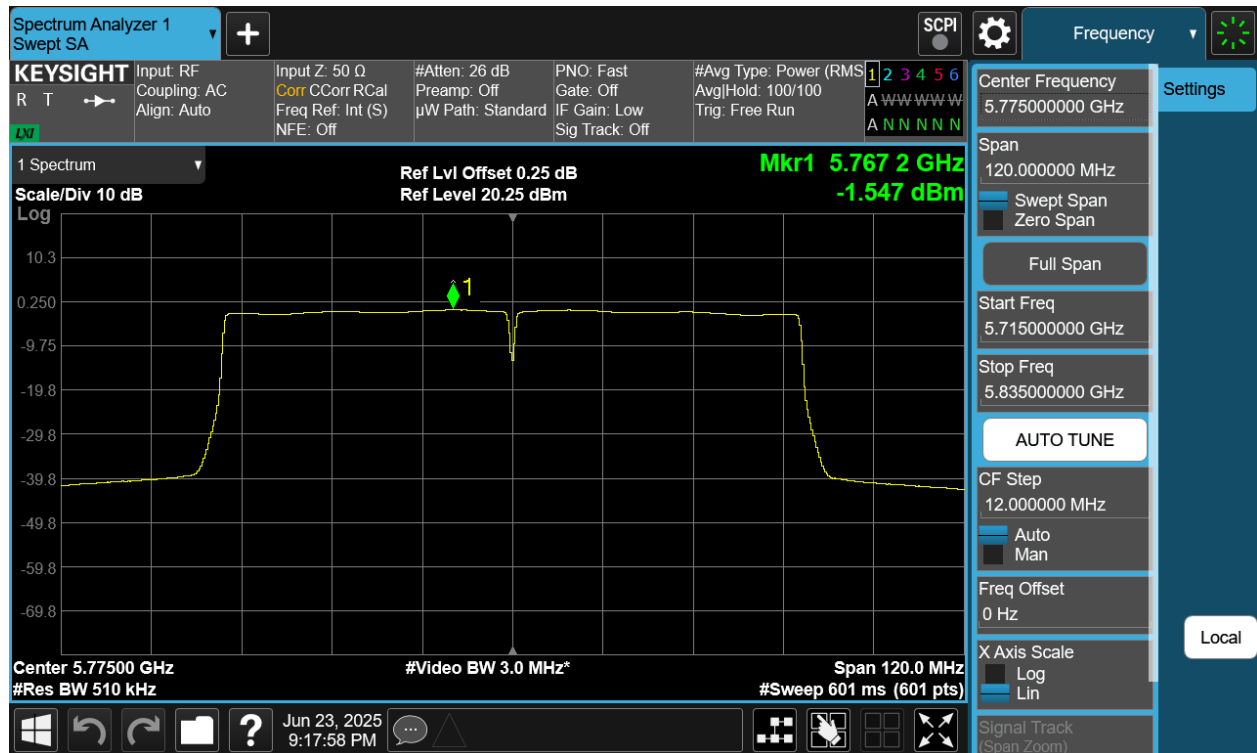


Plot 7-63 PSD CDD Primary Antenna WF5B (20MHz BW 802.11a - Ch.165)

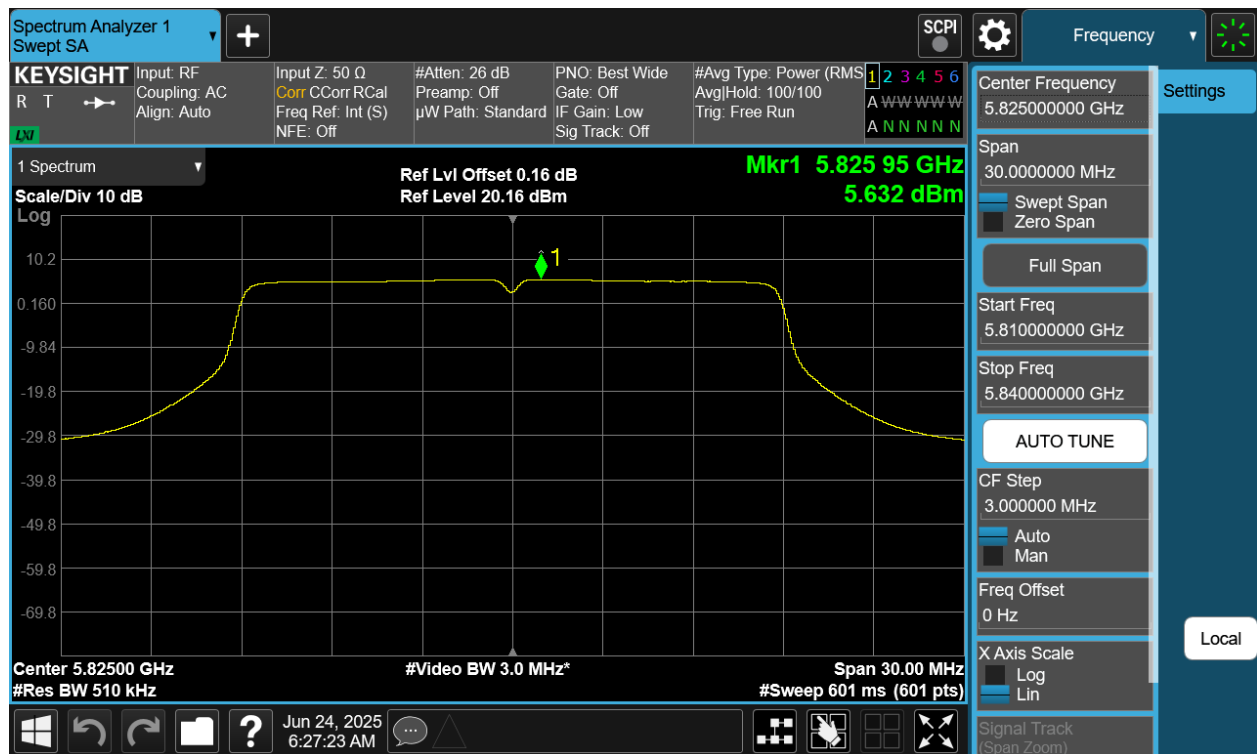


Plot 7-64 PSD CDD Primary Antenna WF5B (40MHz BW 802.11n - Ch.151)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 102 of 261

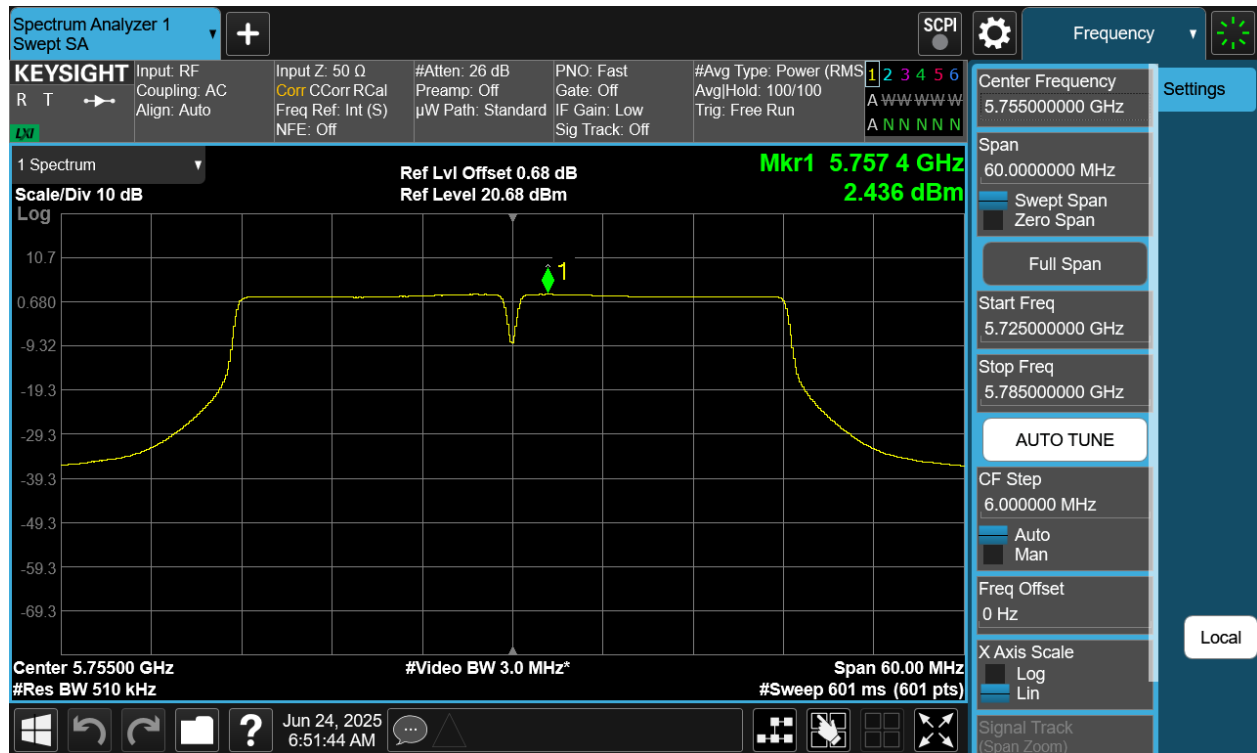


Plot 7-65 PSD CDD Primary Antenna WF5B (80MHz BW 802.11ac - Ch.155)

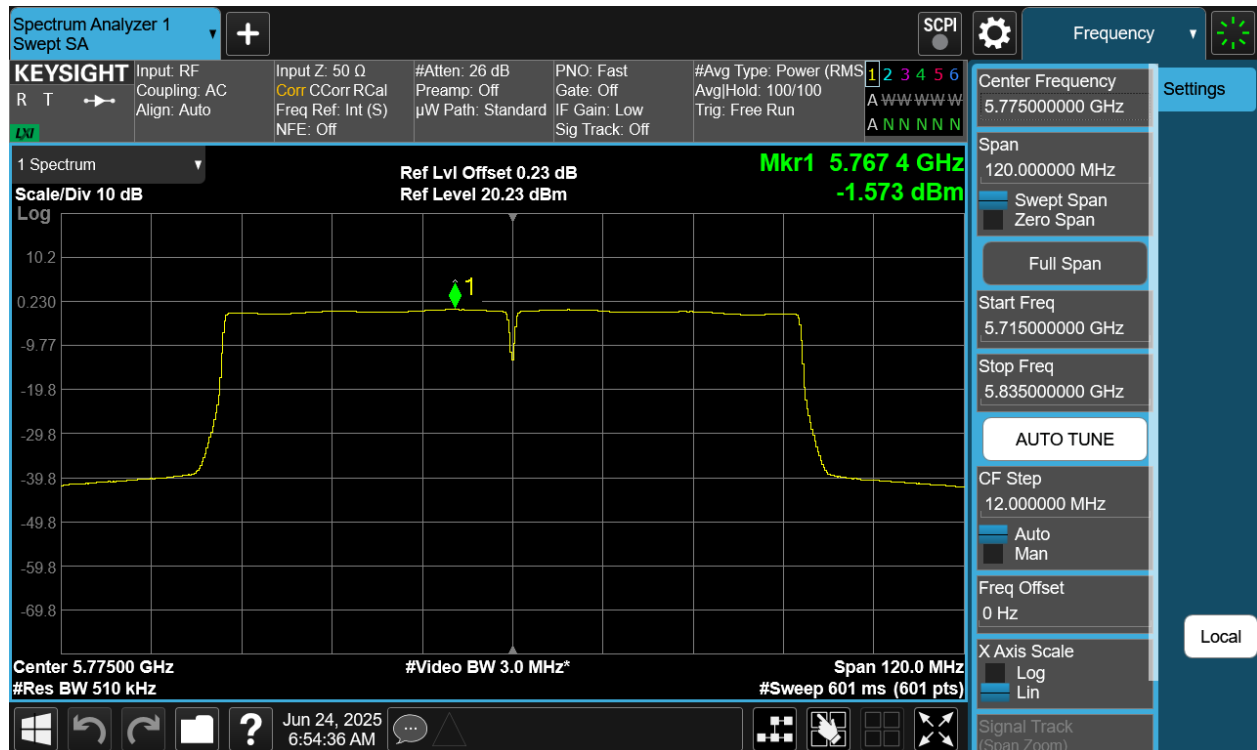


Plot 7-66 PSD CDD Primary Antenna WF8 (20MHz BW 802.11a - Ch.165)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 103 of 261



Plot 7-67 PSD CDD Primary Antenna WF8 (40MHz BW 802.11n - Ch.151)



Plot 7-68 PSD CDD Primary Antenna WF8 (80MHz BW 802.11ac - Ch.155)

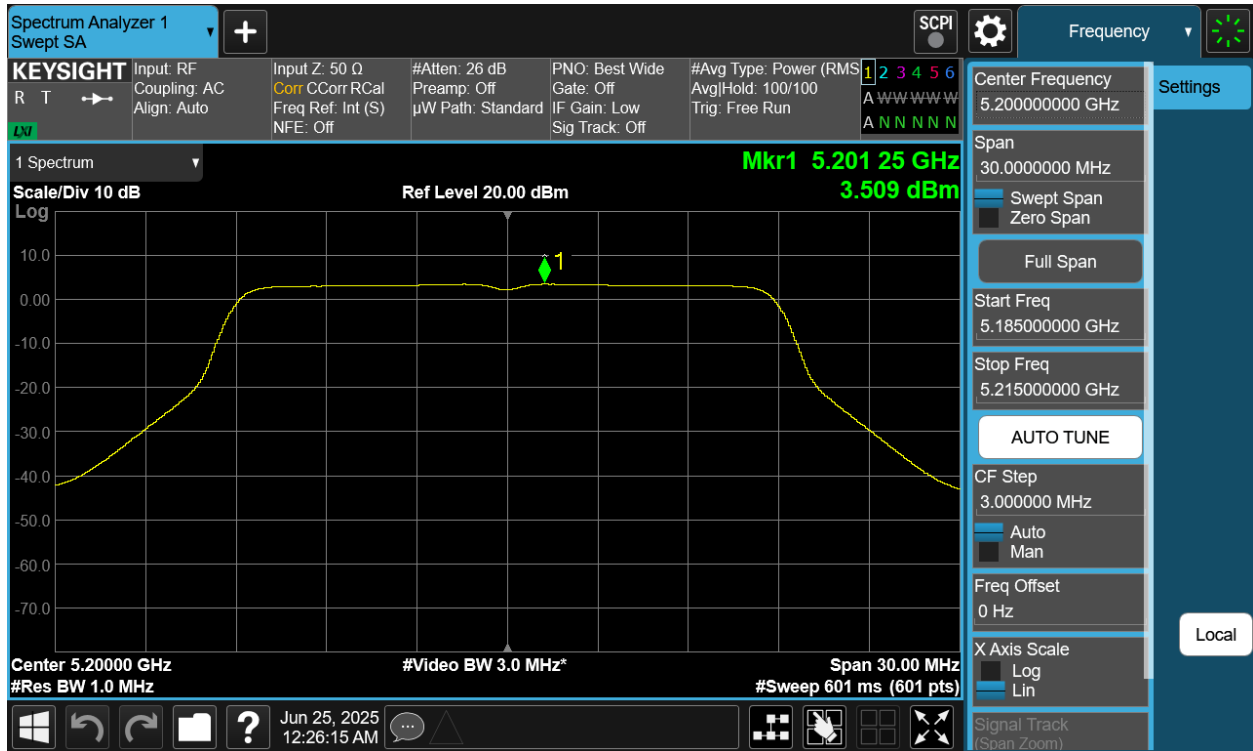
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 104 of 261

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	Data Rate	Antenna WF5B Power Density [dBm/MHz]	Antenna WF8 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	CDD	36Mbps	-2.42	-2.38	0.61	4.72	5.33	10.0	-4.67
	5200	40	a	CDD	36Mbps	-1.89	-1.70	1.22	4.72	5.93	10.0	-4.07
	5240	48	a	CDD	36Mbps	-1.63	-1.64	1.38	4.72	6.09	10.0	-3.91
	5180	36	n (20MHz)	SDM	MCS3	2.65	2.56	5.61	1.71	7.32	10.0	-2.68
	5200	40	n (20MHz)	SDM	MCS0	3.51	3.67	6.60	1.71	8.31	10.0	-1.69
	5240	48	n (20MHz)	SDM	MCS3	3.32	3.54	6.44	1.71	8.15	10.0	-1.85
	5180	36	be (SU) (20MHz)	SDM	MCS0	2.61	2.46	5.55	1.71	7.26	10.0	-2.74
	5200	40	be (SU) (20MHz)	SDM	MCS0	3.35	3.32	6.34	1.71	8.05	10.0	-1.95
	5240	48	be (SU) (20MHz)	SDM	MCS3	3.28	3.41	6.36	1.71	8.07	10.0	-1.93
	5190	38	n (40MHz)	CDD	MCS0	-0.09	0.10	3.02	4.72	7.73	10.0	-2.27
	5230	46	n (40MHz)	SDM	MCS5	2.18	2.36	5.28	1.71	6.99	10.0	-3.01
	5190	38	be (SU) (40MHz)	CDD	MCS0	-2.02	-1.83	1.09	4.72	5.81	10.0	-4.19
	5230	46	be (SU) (40MHz)	SDM	MCS5	1.97	2.19	5.09	1.71	6.80	10.0	-3.20
	5210	42	ac (80MHz)	CDD	MCS0	-4.53	-4.32	-1.41	4.72	3.30	10.0	-6.70
	5210	42	be (SU) (80MHz)	CDD	MCS5	-5.43	-5.12	-2.26	4.72	2.46	10.0	-7.54
Band 1/2	5250	50	ac (160MHz)	CDD	MCS0	-10.38	-10.12	-7.24	4.72	-2.53	10.0	-12.53
	5250	50	be (SU) (160MHz)	CDD	MCS5	-10.03	-9.78	-6.89	4.72	-2.17	10.0	-12.17

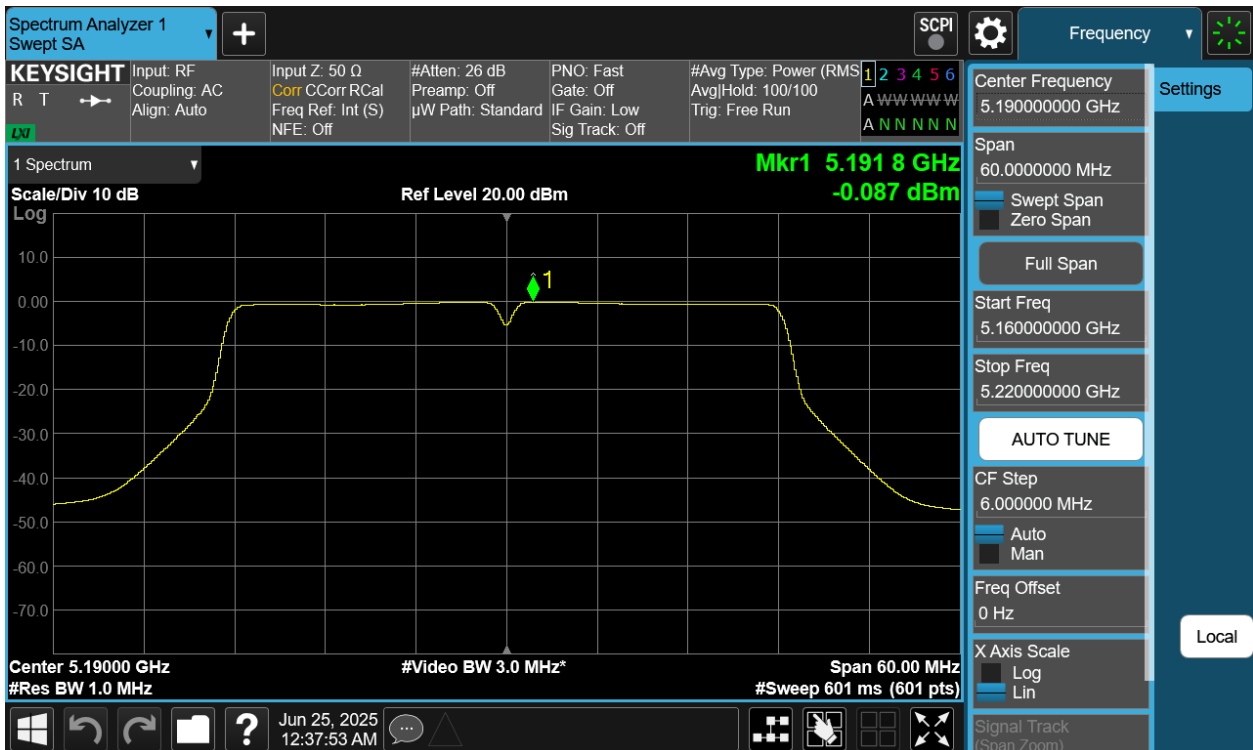
Table 7-109. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Primary

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 105 of 261

V 11.0 05/2025

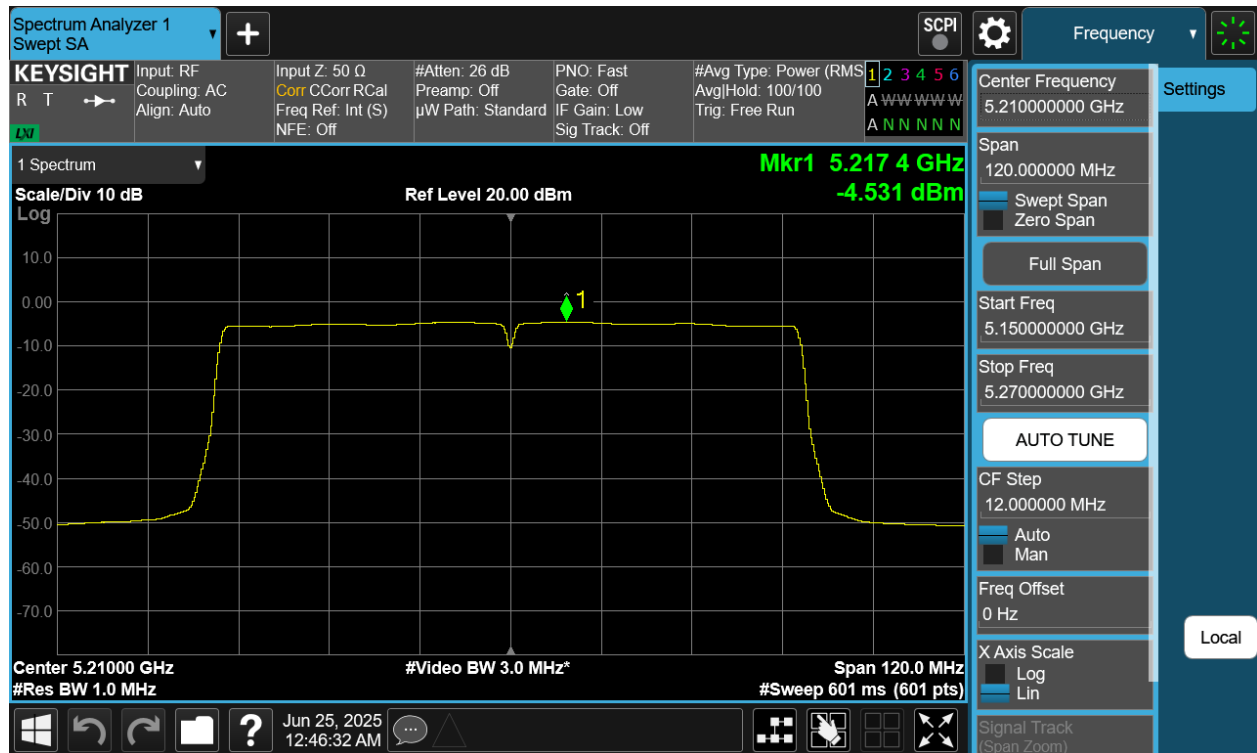


Plot 7-69 PSD SDM Primary Antenna WF5B (20MHz BW 802.11n - Ch.40)

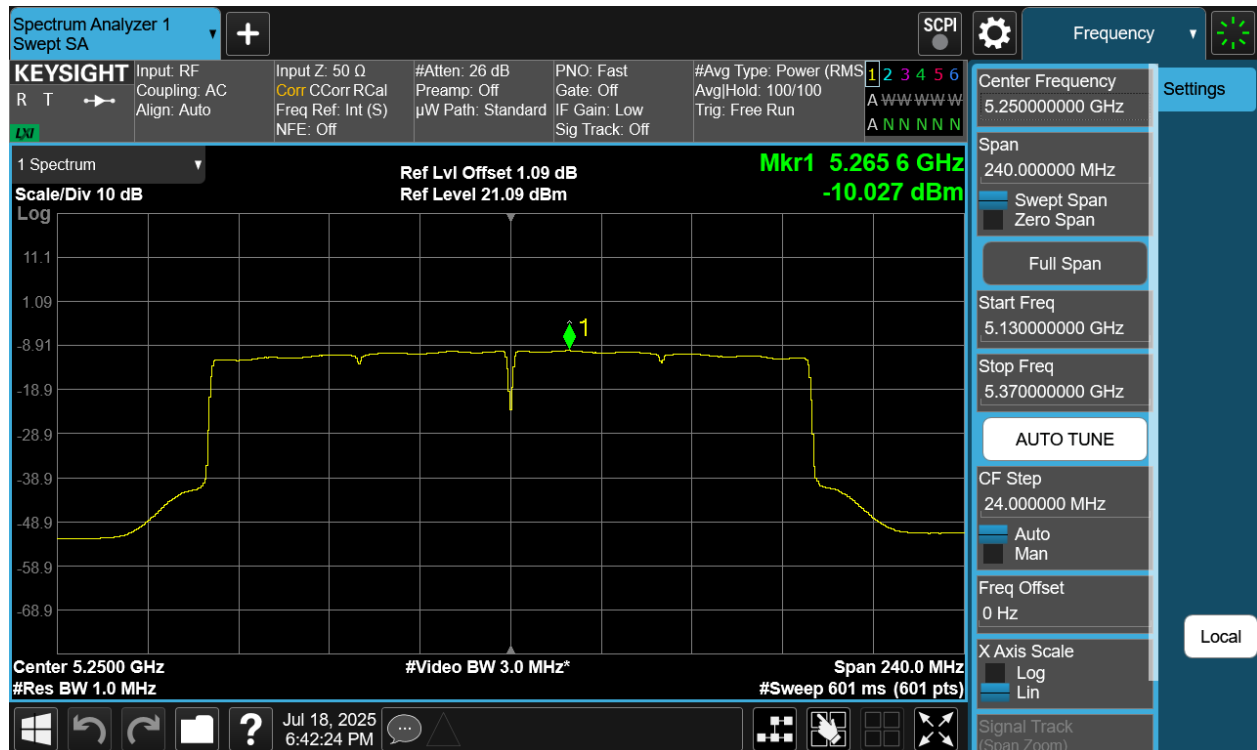


Plot 7-70 PSD CDD Primary Antenna WF5B (40MHz BW 802.11n - Ch.38)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 106 of 261

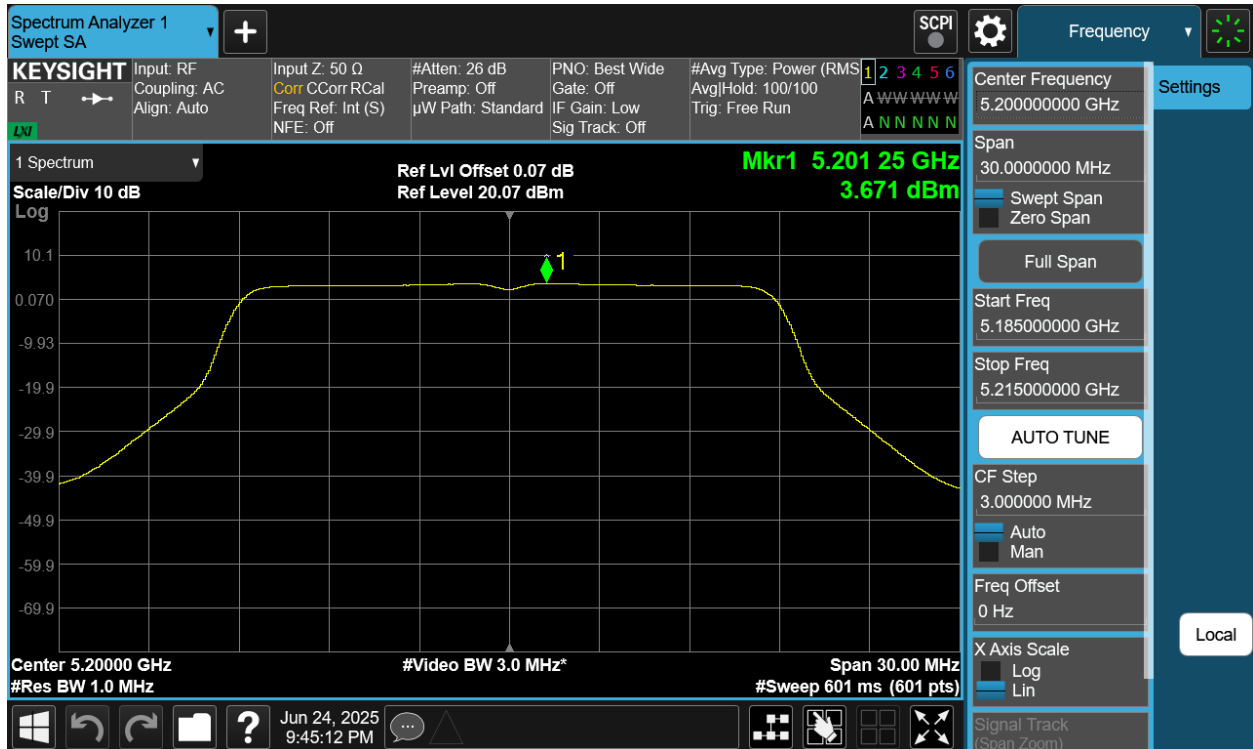


Plot 7-71 PSD CDD Primary Antenna WF5B (80MHz BW 802.11ac - Ch.42)

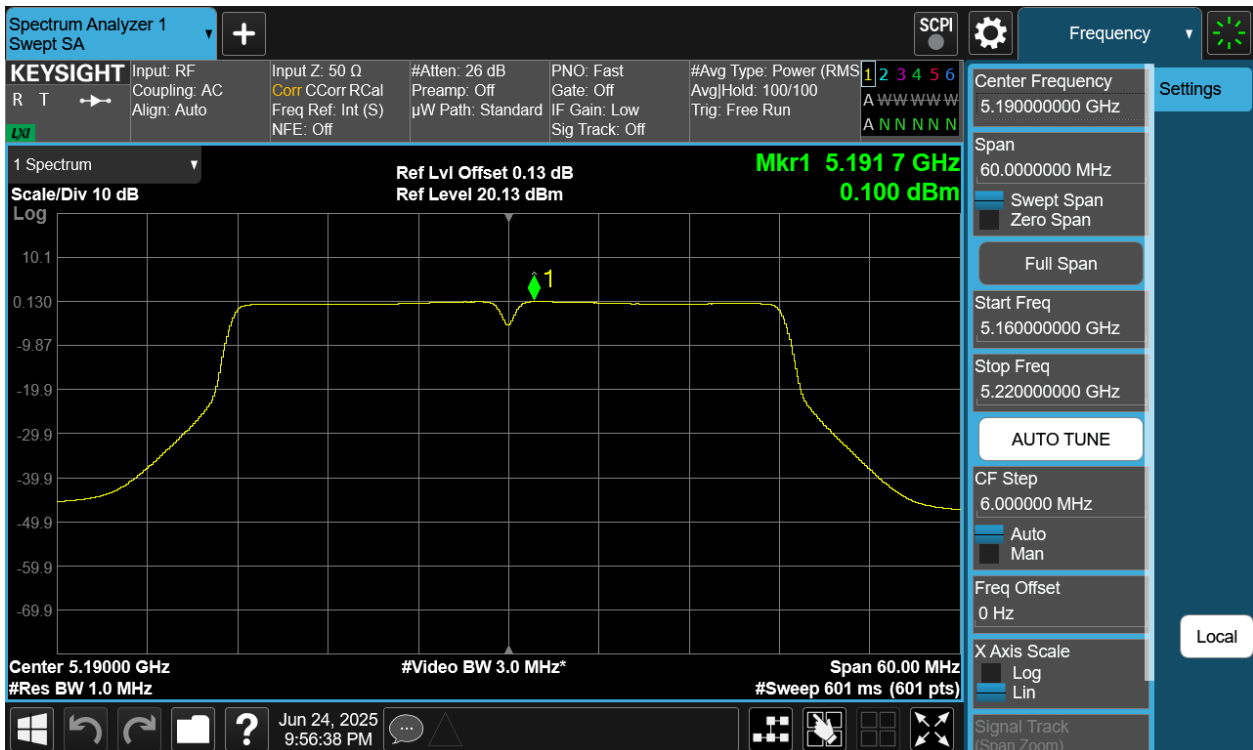


Plot 7-72 PSD CDD Primary Antenna WF5B (160MHz BW 802.11be(SU) - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 107 of 261



Plot 7-73 PSD SDM Primary Antenna WF8 (20MHz BW 802.11n - Ch.40)

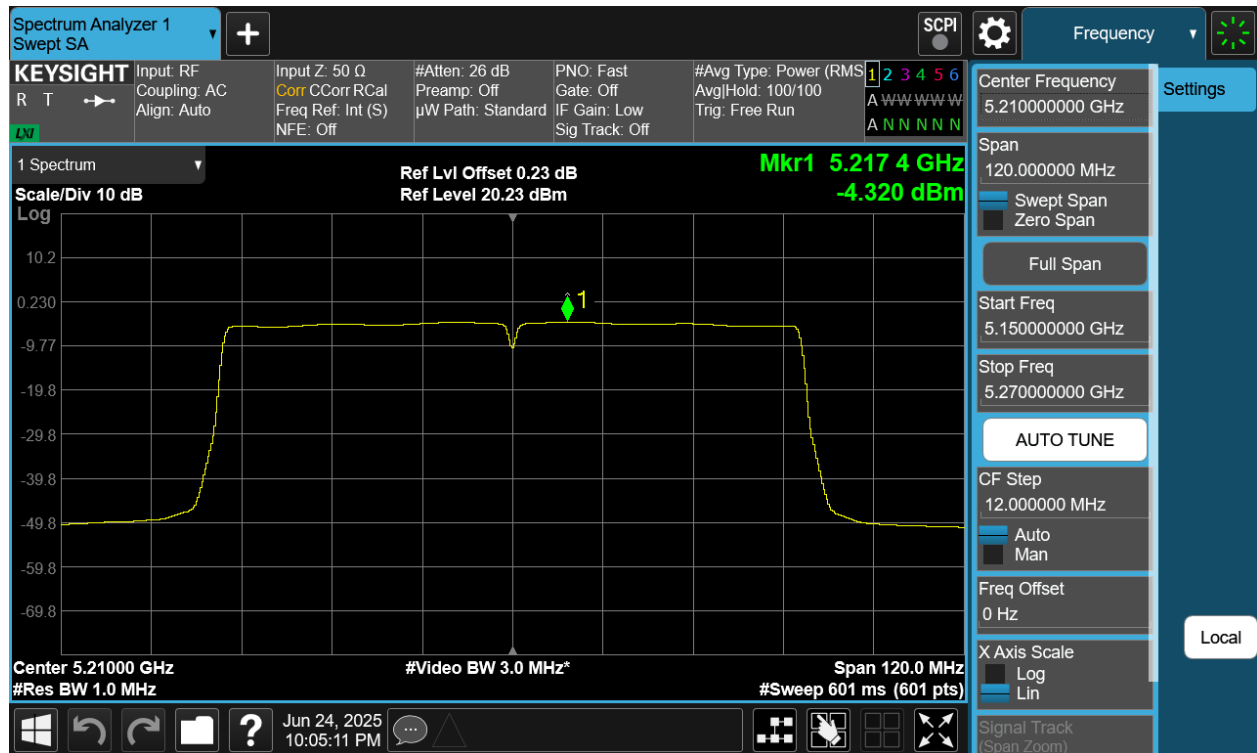


Plot 7-74 PSD CDD Primary Antenna WF8 (40MHz BW 802.11n - Ch.38)

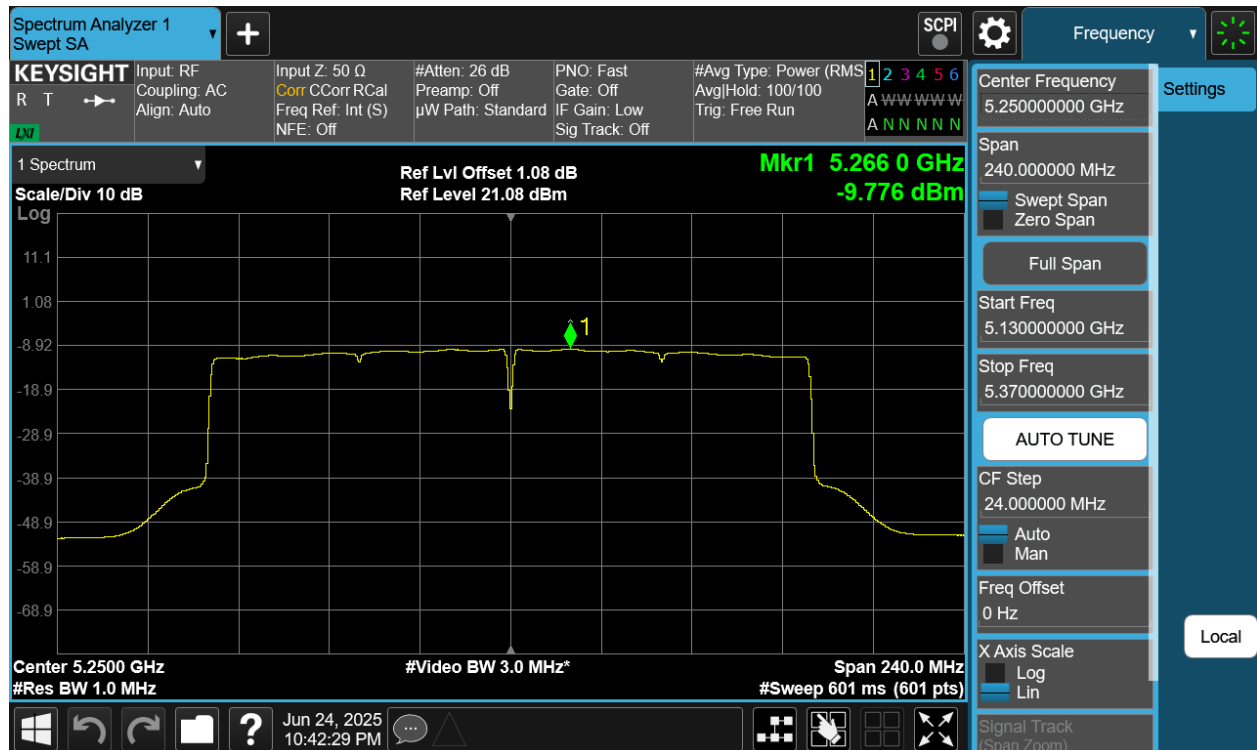
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 108 of 261

V 11.0 05/2025

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Plot 7-75 PSD CDD Primary Antenna WF8 (80MHz BW 802.11ac - Ch.42)



Plot 7-76 PSD CDD Primary Antenna WF8 (160MHz BW 802.11be(SU) - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 109 of 261

V 11.0 05/2025

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7.5.6 Summed CDD/SDM Diversity Power Spectral Density Measurements

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	Data Rate	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Max Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	CDD	6Mbps	5.36	5.36	8.37	11.00	-2.63
	5200	40	a	CDD	6Mbps	6.00	5.97	8.99	11.00	-2.01
	5240	48	a	CDD	36Mbps	6.78	6.65	9.72	11.00	-1.28
	5180	36	n (20MHz)	CDD	MCS0	5.39	5.39	8.40	11.00	-2.60
	5200	40	n (20MHz)	CDD	MCS3	6.73	6.64	9.70	11.00	-1.30
	5240	48	n (20MHz)	CDD	MCS3	6.71	6.53	9.63	11.00	-1.37
	5180	36	be (SU) (20MHz)	CDD	MCS0	3.23	3.38	6.32	11.00	-4.68
	5200	40	be (SU) (20MHz)	CDD	MCS0	5.99	5.98	9.00	11.00	-2.00
	5240	48	be (SU) (20MHz)	CDD	MCS0	5.81	5.89	8.86	11.00	-2.14
	5190	38	n (40MHz)	CDD	MCS0	-0.02	0.15	3.07	11.00	-7.93
	5230	46	n (40MHz)	CDD	MCS5	5.48	5.42	8.46	11.00	-2.54
	5190	38	be (SU) (40MHz)	CDD	MCS0	-2.62	-2.30	0.56	11.00	-10.44
	5230	46	be (SU) (40MHz)	CDD	MCS3	4.30	4.63	7.48	11.00	-3.52
	5210	42	ac (80MHz)	CDD	MCS0	-4.21	-4.27	-1.23	11.00	-12.23
Band 1/2	5210	42	be (SU) (80MHz)	CDD	MCS0	-5.75	-5.44	-2.58	11.00	-13.58
	5250	50	ac (160MHz)	CDD	MCS5	-9.79	-9.65	-6.70	11.00	-17.70
Band 2A	5250	50	be (SU) (160MHz)	CDD	MCS5	-10.52	-9.85	-7.16	11.00	-18.16
	5260	52	a	CDD	6Mbps	6.76	6.60	9.69	11.00	-1.31
	5300	60	a	CDD	18Mbps	6.58	6.47	9.53	11.00	-1.47
	5320	64	a	CDD	18Mbps	5.23	5.30	8.28	11.00	-2.72
	5260	52	n (20MHz)	CDD	MCS0	6.72	6.67	9.70	11.00	-1.30
	5300	60	n (20MHz)	CDD	MCS3	6.61	6.32	9.48	11.00	-1.52
	5320	64	n (20MHz)	CDD	MCS0	5.12	5.27	8.21	11.00	-2.79
	5260	52	be (SU) (20MHz)	CDD	MCS5	5.71	5.84	8.79	11.00	-2.21
	5300	60	be (SU) (20MHz)	CDD	MCS5	5.95	5.81	8.89	11.00	-2.11
	5320	64	be (SU) (20MHz)	CDD	MCS3	4.41	4.49	7.46	11.00	-3.54
	5270	54	n (40MHz)	CDD	MCS3	5.38	5.35	8.37	11.00	-2.63
	5310	62	n (40MHz)	CDD	MCS0	1.17	1.25	4.22	11.00	-6.78
	5270	54	be (SU) (40MHz)	CDD	MCS3	4.53	4.35	7.45	11.00	-3.55
	5310	62	be (SU) (40MHz)	CDD	MCS0	-1.20	-1.07	1.88	11.00	-9.12
	5290	58	ac (80MHz)	CDD	MCS0	-3.29	-3.38	-0.32	11.00	-11.32
	5290	58	be (SU) (80MHz)	CDD	MCS0	-4.57	-4.52	-1.53	11.00	-12.53
Band 2C	5500	100	a	CDD	18Mbps	5.23	5.03	8.14	11.00	-2.86
	5580	116	a	CDD	36Mbps	6.66	6.77	9.73	11.00	-1.27
	5720	144	a	CDD	18Mbps	5.77	6.27	9.04	11.00	-1.96
	5500	100	n (20MHz)	CDD	MCS3	5.29	5.10	8.20	11.00	-2.80
	5580	116	n (20MHz)	CDD	MCS5	6.77	6.55	9.67	11.00	-1.33
	5720	144	n (20MHz)	CDD	MCS3	5.84	6.35	9.11	11.00	-1.89
	5500	100	be (SU) (20MHz)	CDD	MCS0	3.82	3.72	6.78	11.00	-4.22
	5580	116	be (SU) (20MHz)	CDD	MCS5	5.69	5.84	8.78	11.00	-2.22
	5720	144	be (SU) (20MHz)	CDD	MCS3	5.55	6.25	8.92	11.00	-2.08
	5510	102	n (40MHz)	CDD	MCS3	0.40	0.13	3.28	11.00	-7.72
	5550	110	n (40MHz)	CDD	MCS3	3.69	3.87	6.79	11.00	-4.21
	*5590	118	n (40MHz)	CDD	MCS3	5.27	5.42	8.36	11.00	-2.64
	5670	134	n (40MHz)	CDD	MCS0	2.00	2.20	5.11	11.00	-5.89
	5710	142	n (40MHz)	CDD	MCS5	5.45	5.42	8.44	11.00	-2.56
	5510	102	be (SU) (40MHz)	CDD	MCS0	-2.16	-2.18	0.84	11.00	-10.16
	5550	110	be (SU) (40MHz)	CDD	MCS0	2.93	3.20	6.07	11.00	-4.93
	5710	142	be (SU) (40MHz)	CDD	MCS3	4.33	4.36	7.35	11.00	-3.65
	5530	106	ac (80MHz)	CDD	MCS0	-3.98	-3.81	-0.88	11.00	-11.88
	*5610	122	ac (80MHz)	CDD	MCS0	0.71	0.43	3.58	11.00	-7.42
	5690	138	ac (80MHz)	CDD	MCS0	2.21	2.10	5.16	11.00	-5.84
	5530	106	be (SU) (80MHz)	CDD	MCS3	-5.38	-5.63	-2.49	11.00	-13.49
	*5610	122	be (SU) (80MHz)	CDD	MCS0	-1.11	-1.09	1.91	11.00	-9.09
	5690	138	be (SU) (80MHz)	CDD	MCS0	1.77	1.34	4.57	11.00	-6.43
	*5570	114	ac (160MHz)	CDD	MCS3	-8.18	-7.84	-4.99	11.00	-15.99
	*5570	114	be (SU) (160MHz)	CDD	MCS0	-8.35	-8.06	-5.20	11.00	-16.20

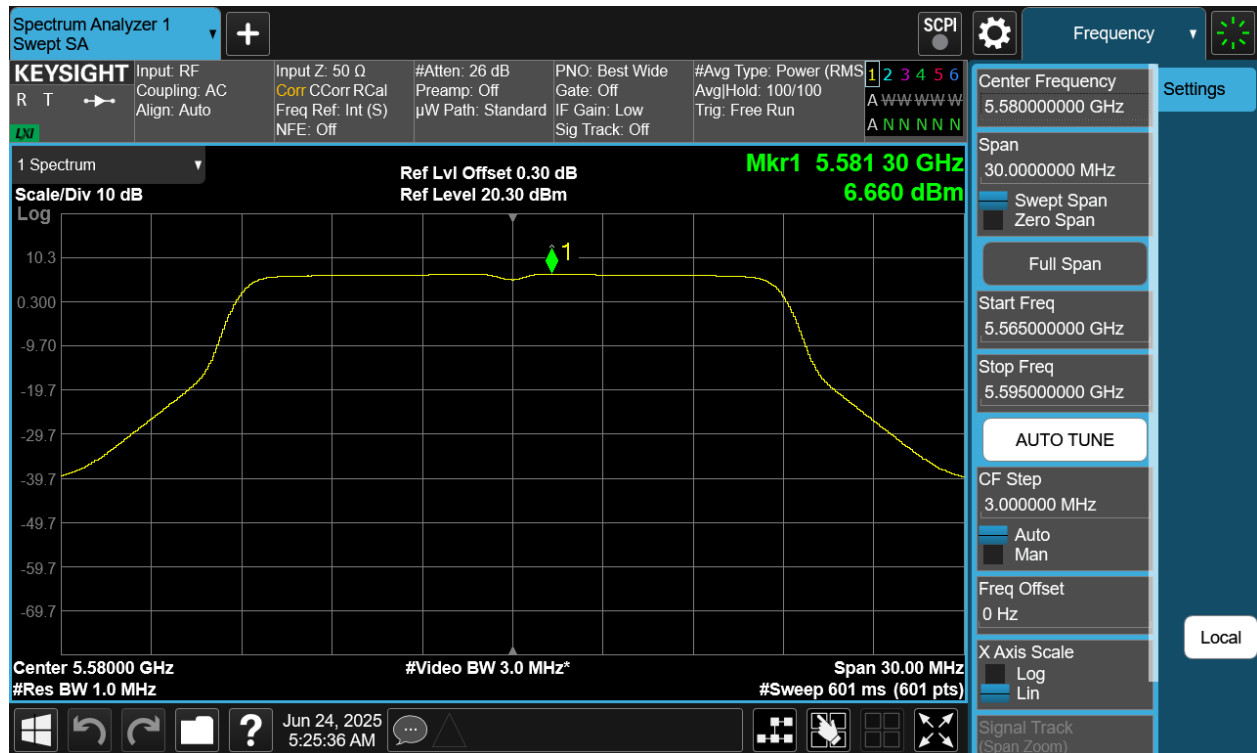
Table 7-110. Bands 1, 2A, 2C CDD Diversity Power Spectral Density Measurements

*TDWR channel is not supported for ISSED (denoted by a * next to the frequency)

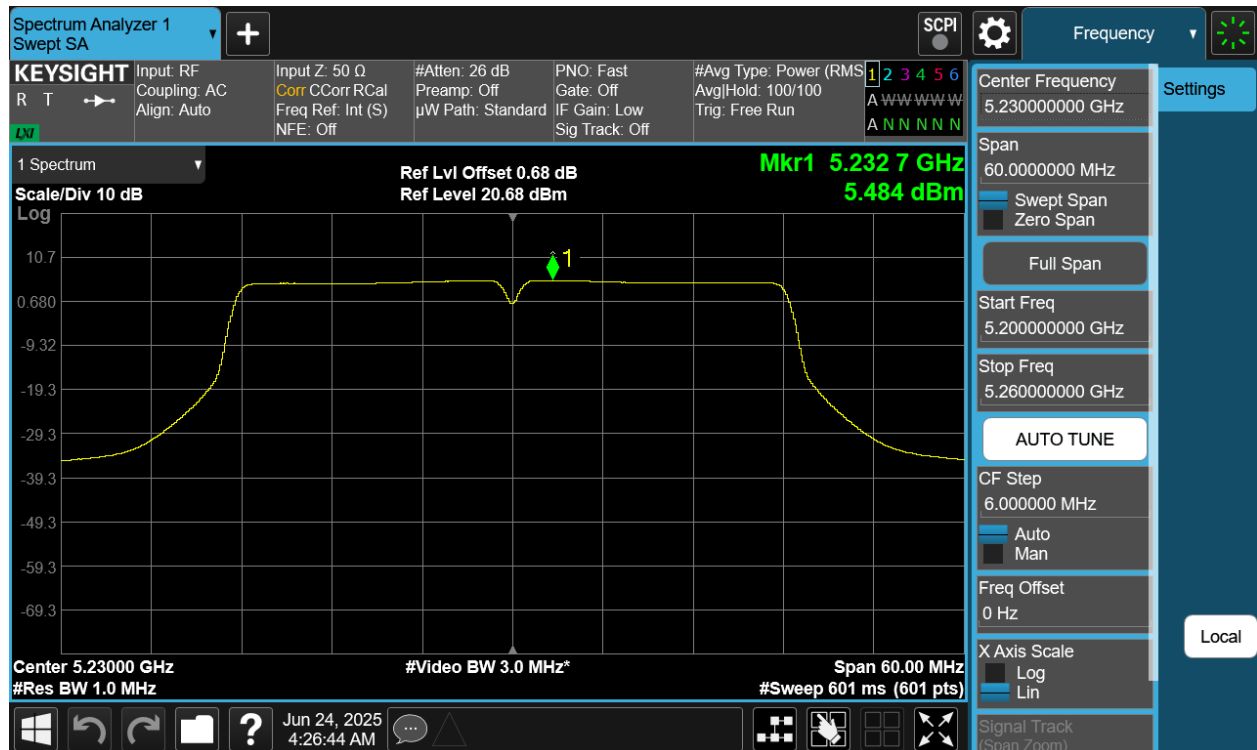
FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 110 of 261

V 11.0 05/2025

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Plot 7-77 PSD CDD Diversity Antenna WF8 (20MHz BW 802.11a - Ch.116)

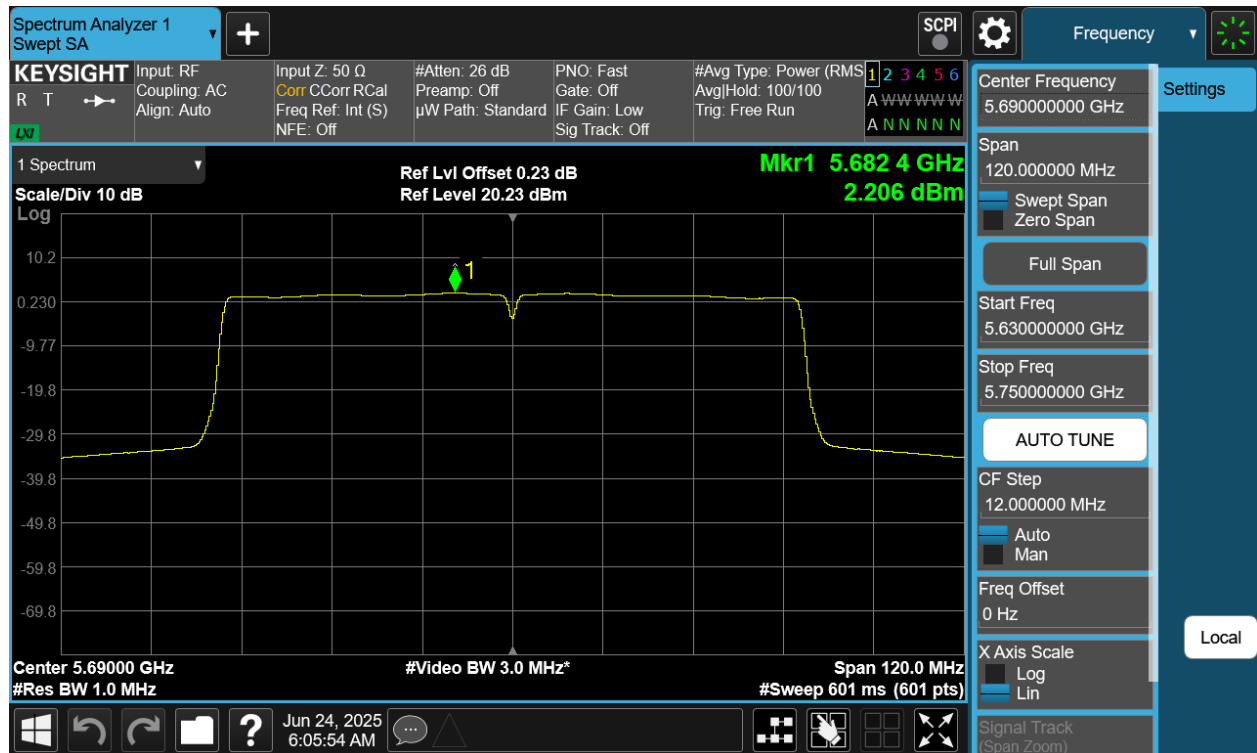


Plot 7-78 PSD CDD Diversity Antenna WF8 (40MHz BW 802.11n - Ch.46)

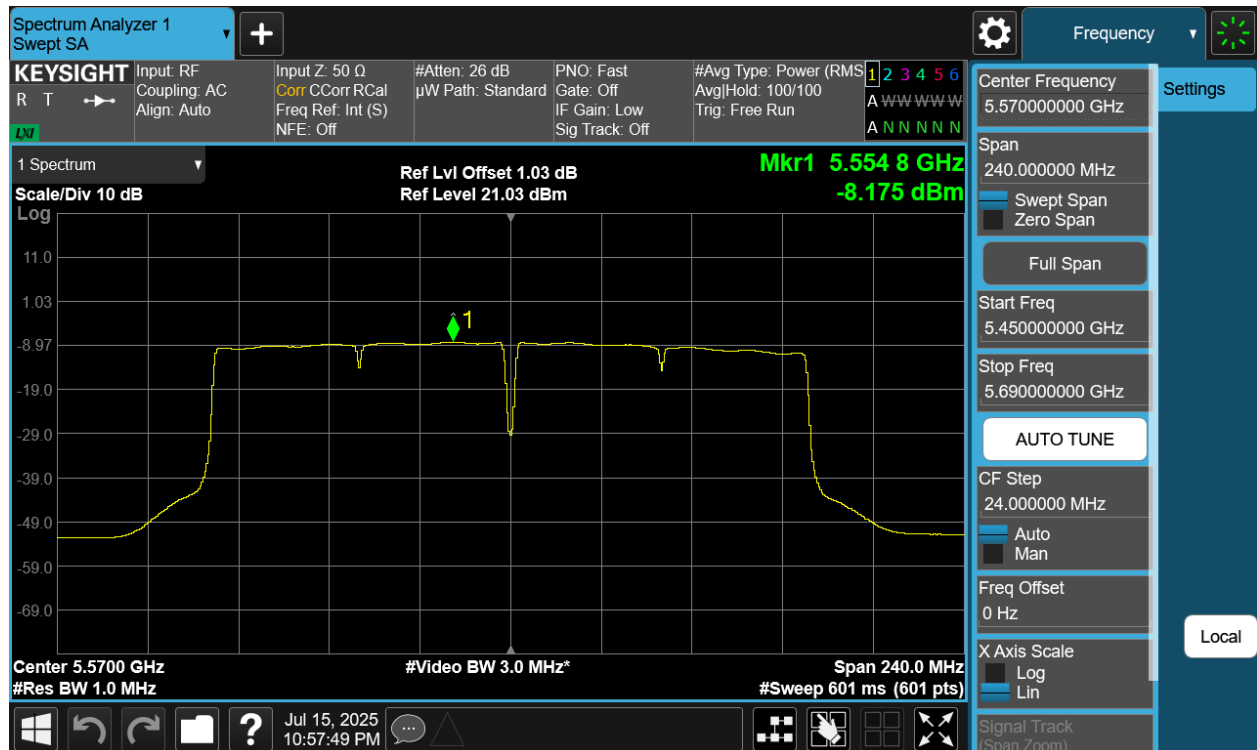
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 111 of 261

V 11.0 05/2025

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Plot 7-79 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11ac - Ch.138)

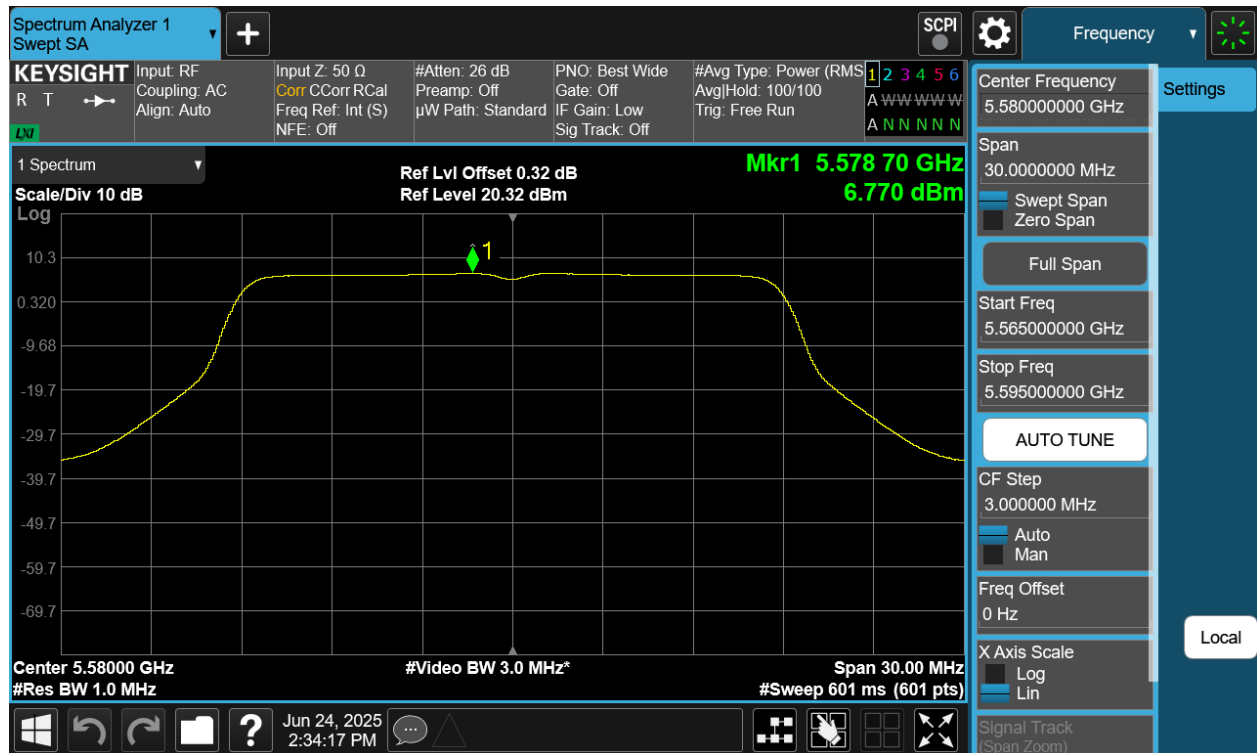


Plot 7-80 PSD CDD Diversity Antenna WF8 (160MHz BW 802.11ac - Ch.114)

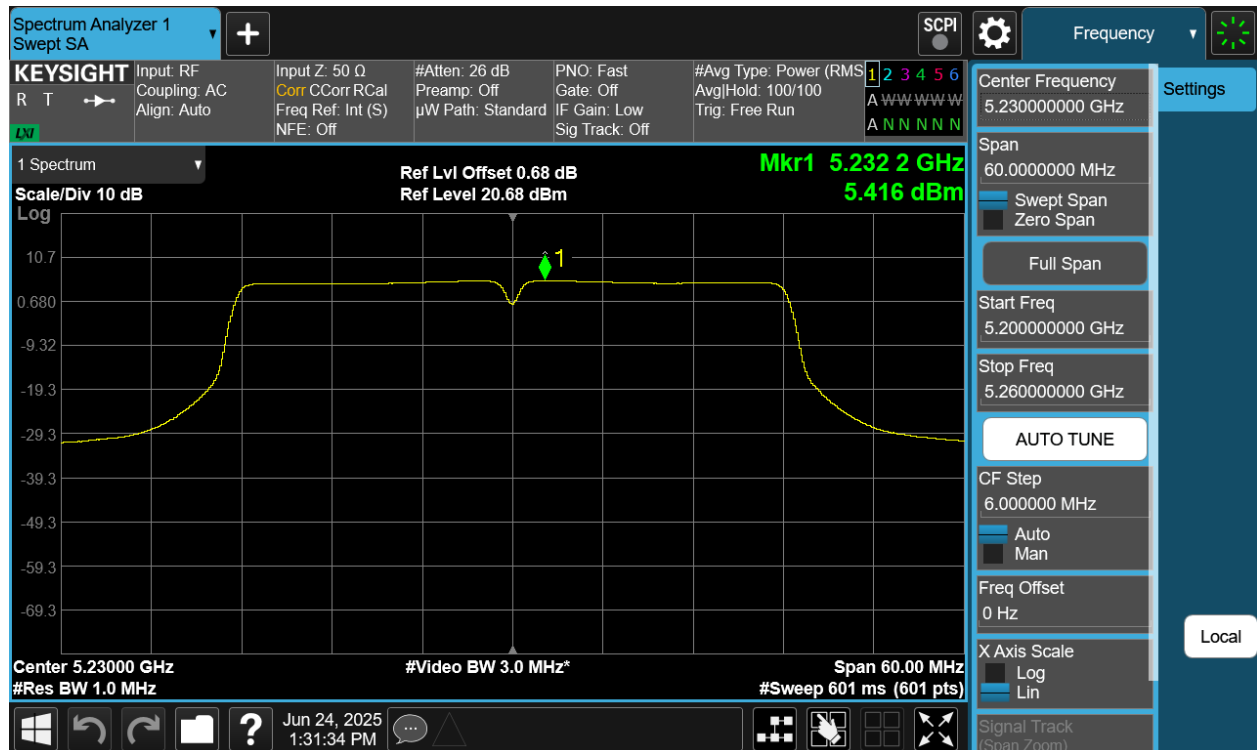
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 112 of 261

V 11.0 05/2025

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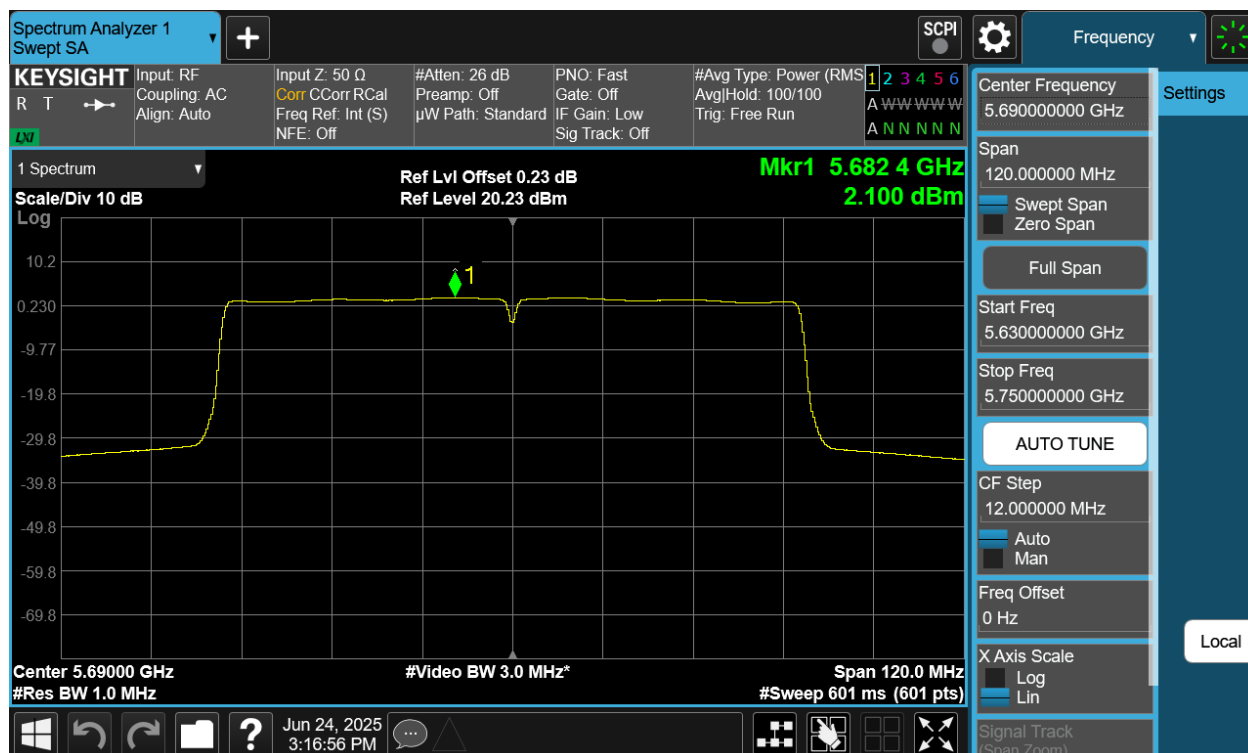


Plot 7-81 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11a - Ch.116)

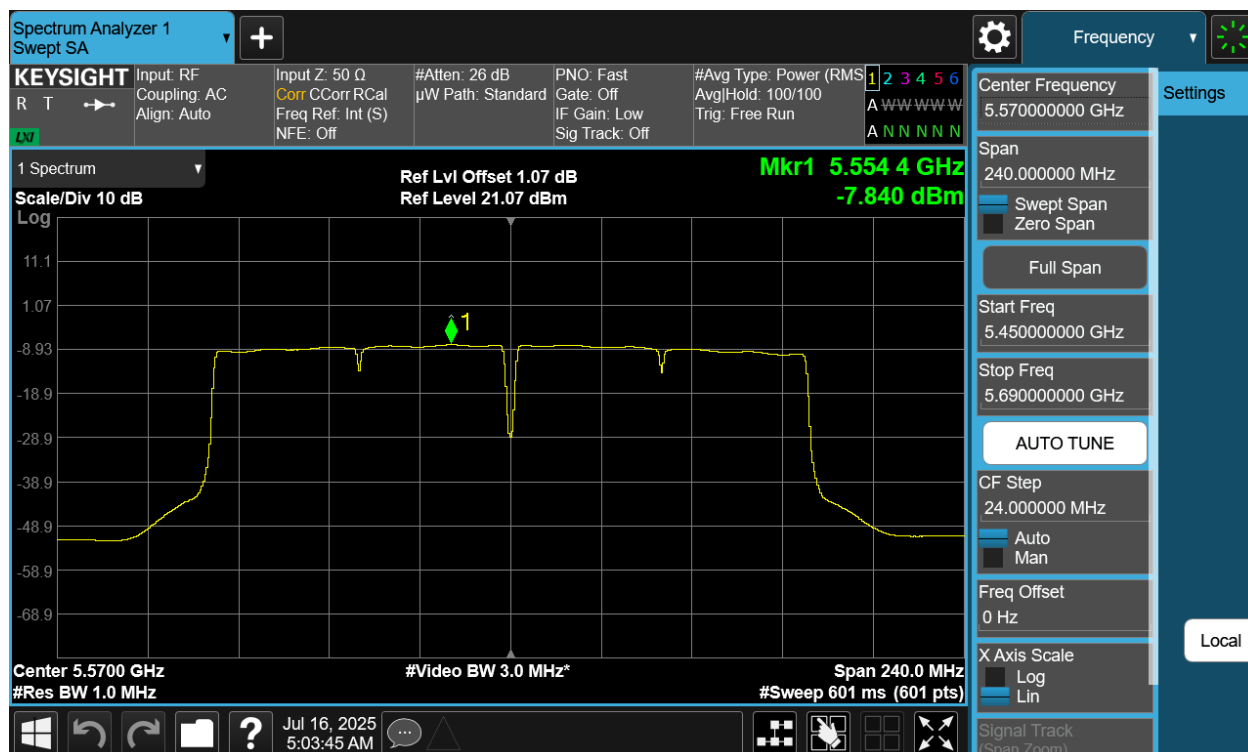


Plot 7-82 PSD CDD Diversity Antenna WF7 (40MHz BW 802.11n - Ch.46)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 113 of 261



Plot 7-83 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11ac - Ch.138)



Plot 7-84 PSD CDD Diversity Antenna WF7 (160MHz BW 802.11ac - Ch.114)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 114 of 261

V 11.0 05/2025

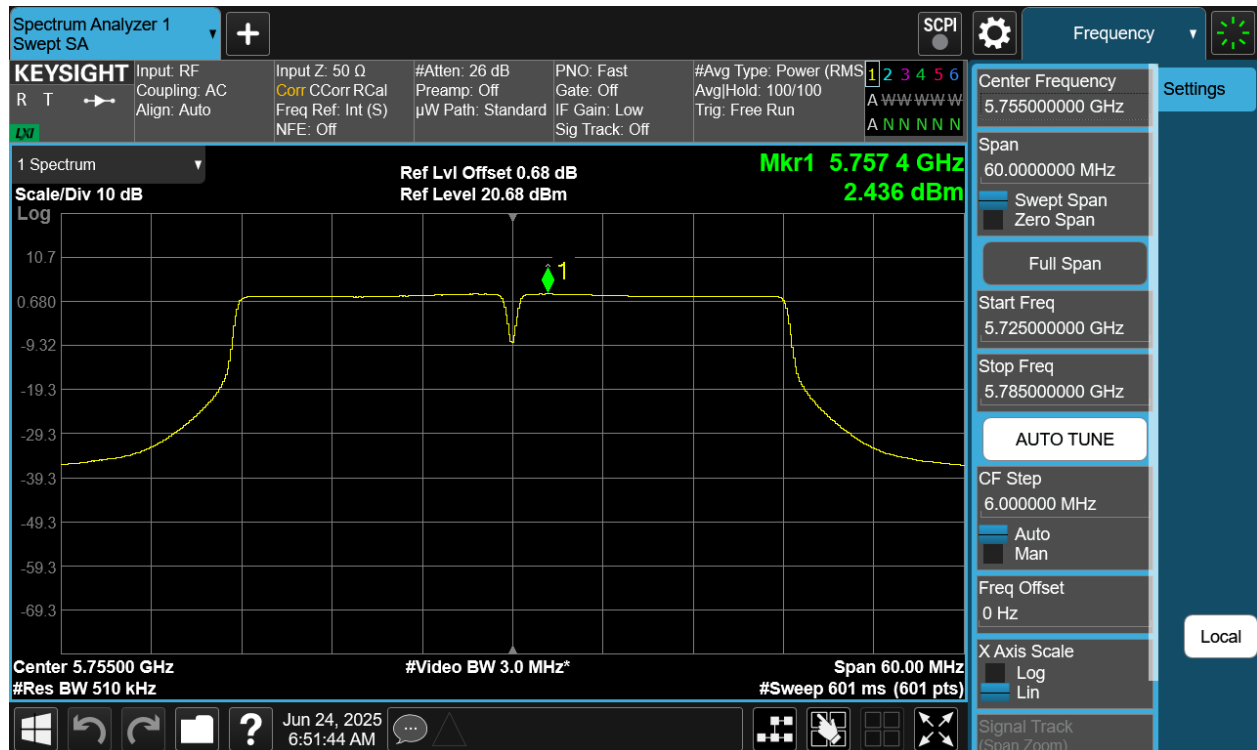
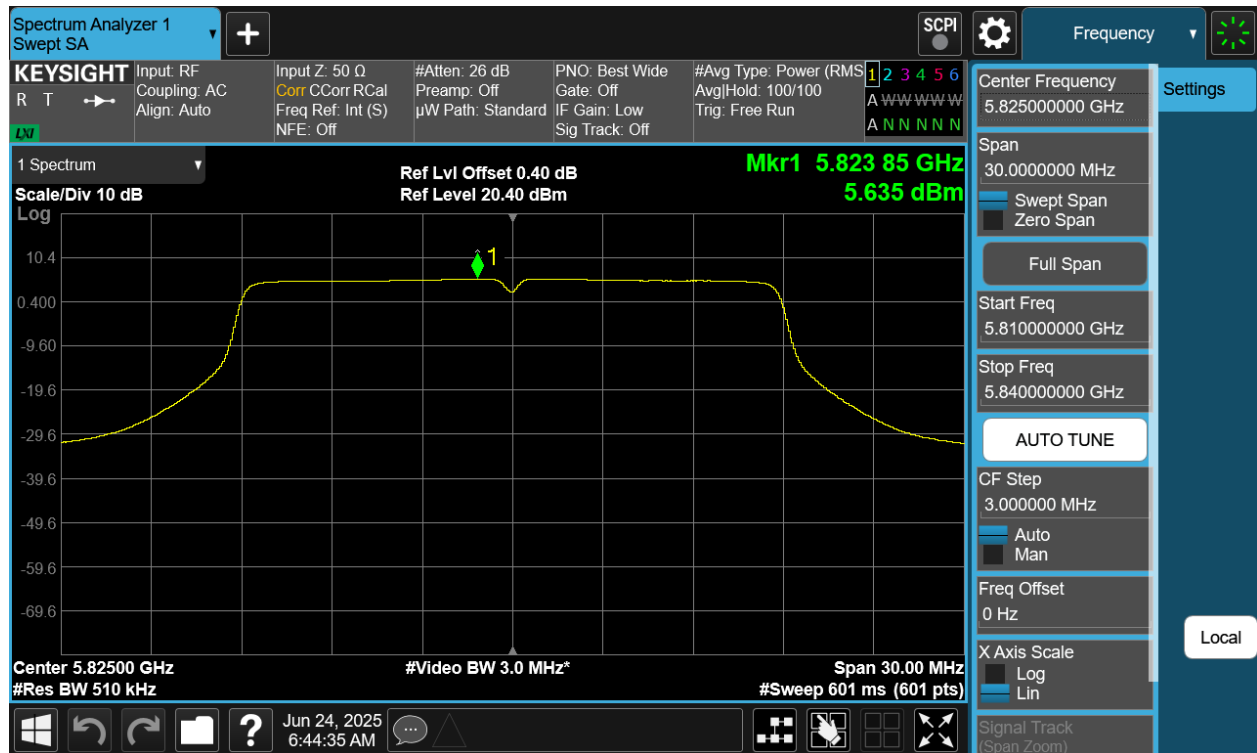
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	Frequency [MHz]	Channel	802.11 MODE	Mode	Data Rate	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	a	CDD	18Mbps	5.53	5.22	8.39	30.0	-21.61
	5785	157	a	CDD	36Mbps	5.47	5.42	8.45	30.0	-21.55
	5825	165	a	CDD	6Mbps	5.52	5.40	8.47	30.0	-21.53
	5745	149	n (20MHz)	CDD	MCS5	5.51	5.49	8.51	30.0	-21.49
	5785	157	n (20MHz)	CDD	MCS5	5.56	5.51	8.54	30.0	-21.46
	5825	165	n (20MHz)	CDD	MCS5	5.64	5.54	8.60	30.0	-21.40
	5745	149	be (SU) (20MHz)	CDD	MCS5	4.71	4.09	7.42	30.0	-22.58
	5785	157	be (SU) (20MHz)	CDD	MCS5	4.67	4.11	7.41	30.0	-22.59
	5825	165	be (SU) (20MHz)	CDD	MCS0	4.46	4.27	7.37	30.0	-22.63
	5755	151	n (40MHz)	CDD	MCS5	2.44	2.41	5.43	30.0	-24.57
	5795	159	n (40MHz)	CDD	MCS3	2.17	2.63	5.41	30.0	-24.59
	5755	151	be (SU) (40MHz)	CDD	MCS5	1.61	1.09	4.37	30.0	-25.63
	5795	159	be (SU) (40MHz)	CDD	MCS5	1.58	1.22	4.41	30.0	-25.59
	5775	155	ac (80MHz)	CDD	MCS0	-1.57	-1.62	1.41	30.0	-28.59
	5775	155	be (SU) (80MHz)	CDD	MCS0	-3.58	-3.63	-0.60	30.0	-30.60

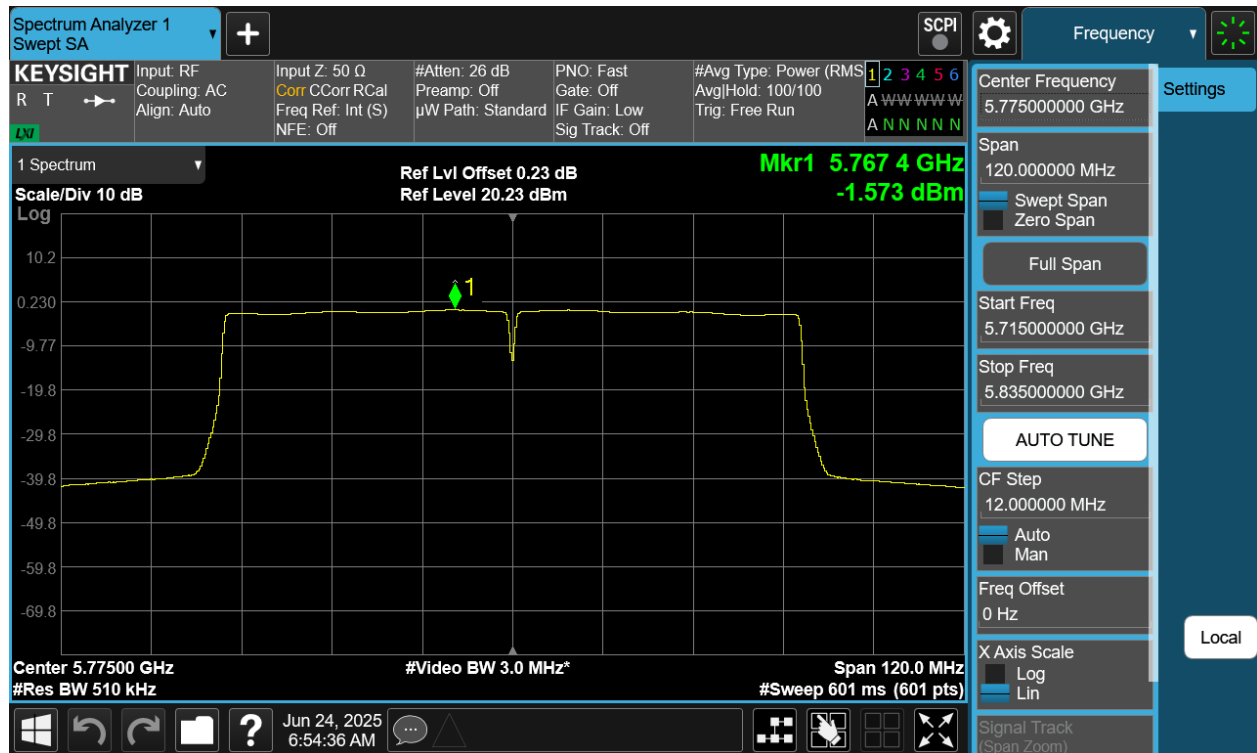
Table 7-111. Band 3 Power Spectral Density Measurements CDD Diversity

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 115 of 261

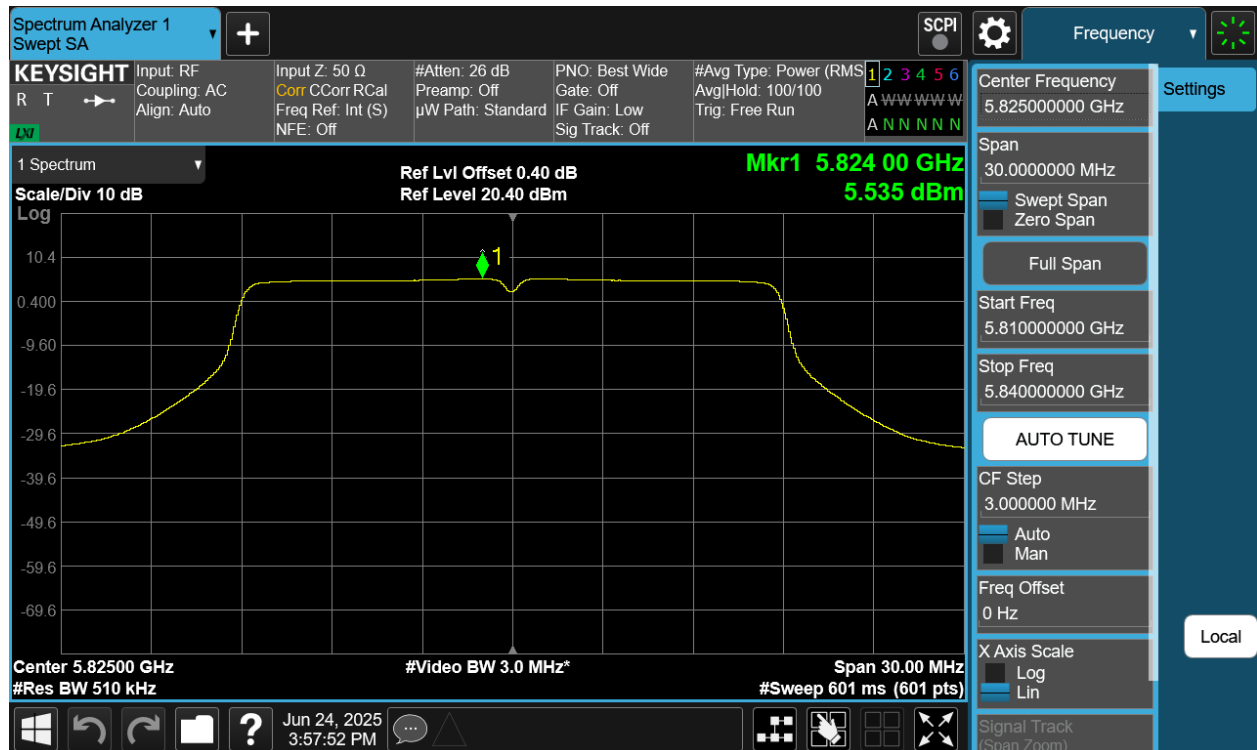
V 11.0 05/2025



FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 116 of 261



Plot 7-87 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11ac - Ch.155)

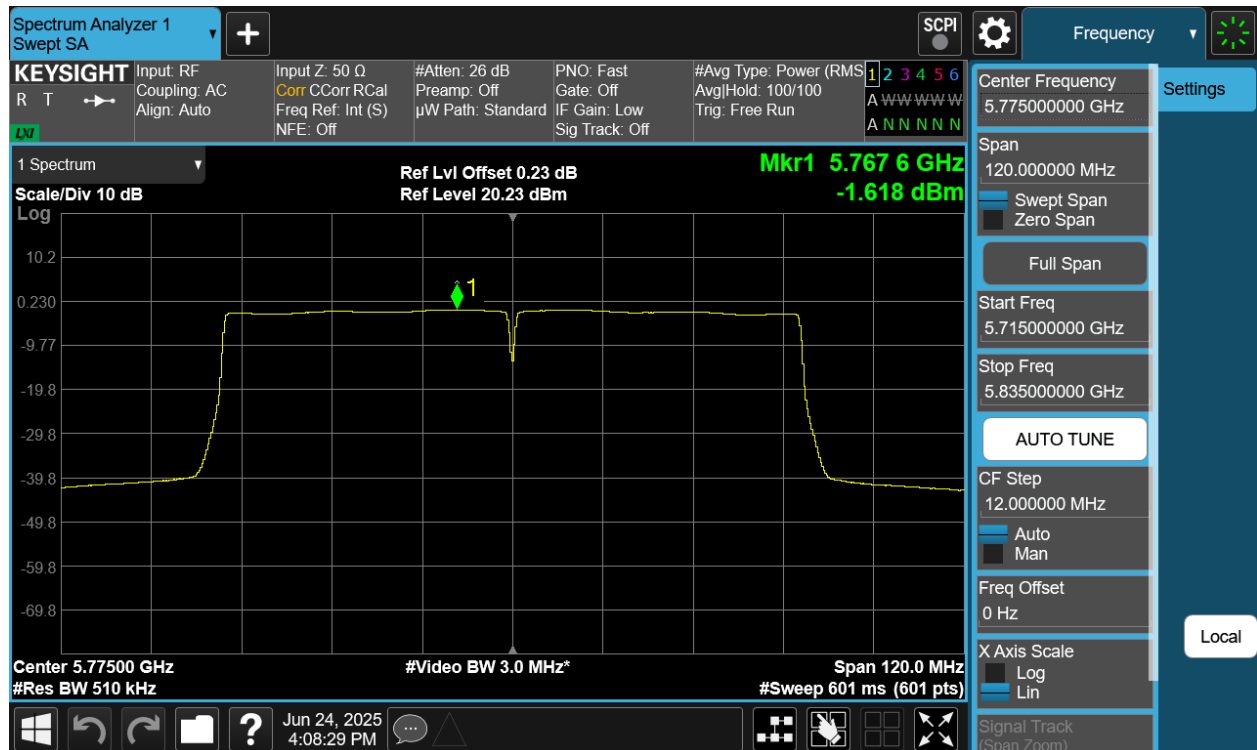
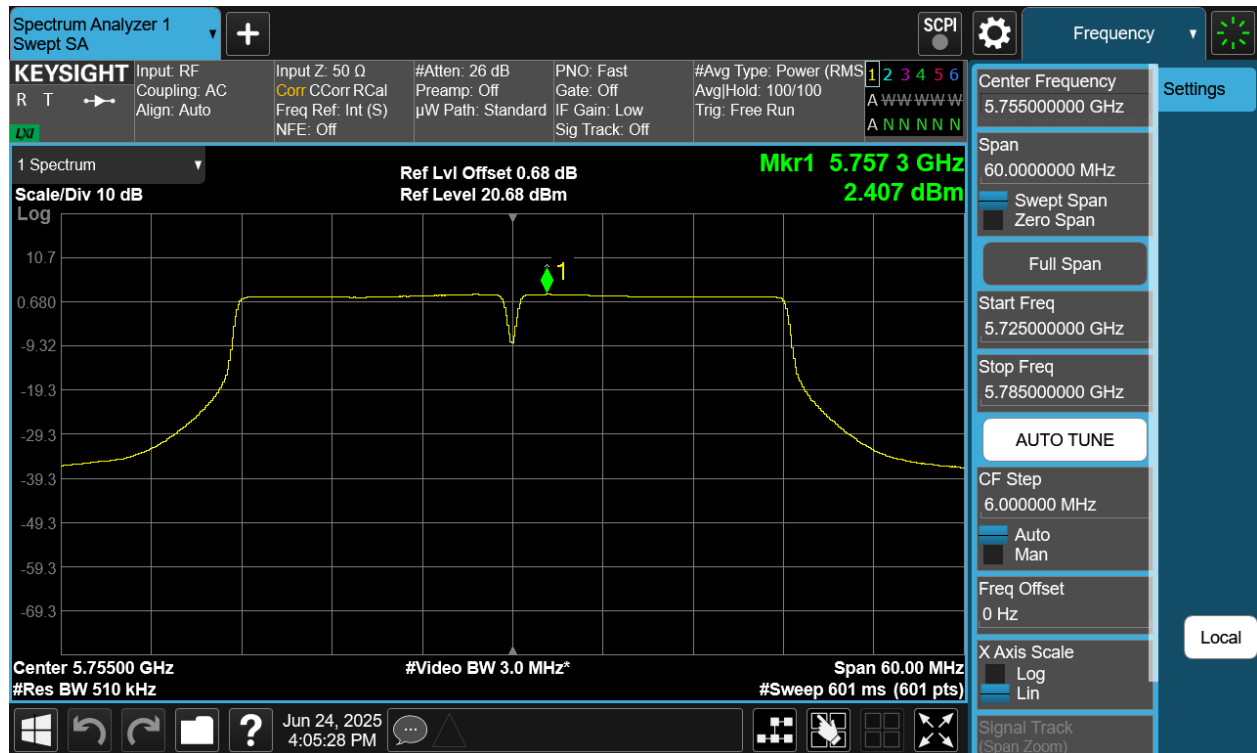


Plot 7-88 PSD CDD Diversity Antenna WF7 (20MHz BW 802.11n - Ch.165)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 117 of 261

V 11.0 05/2025

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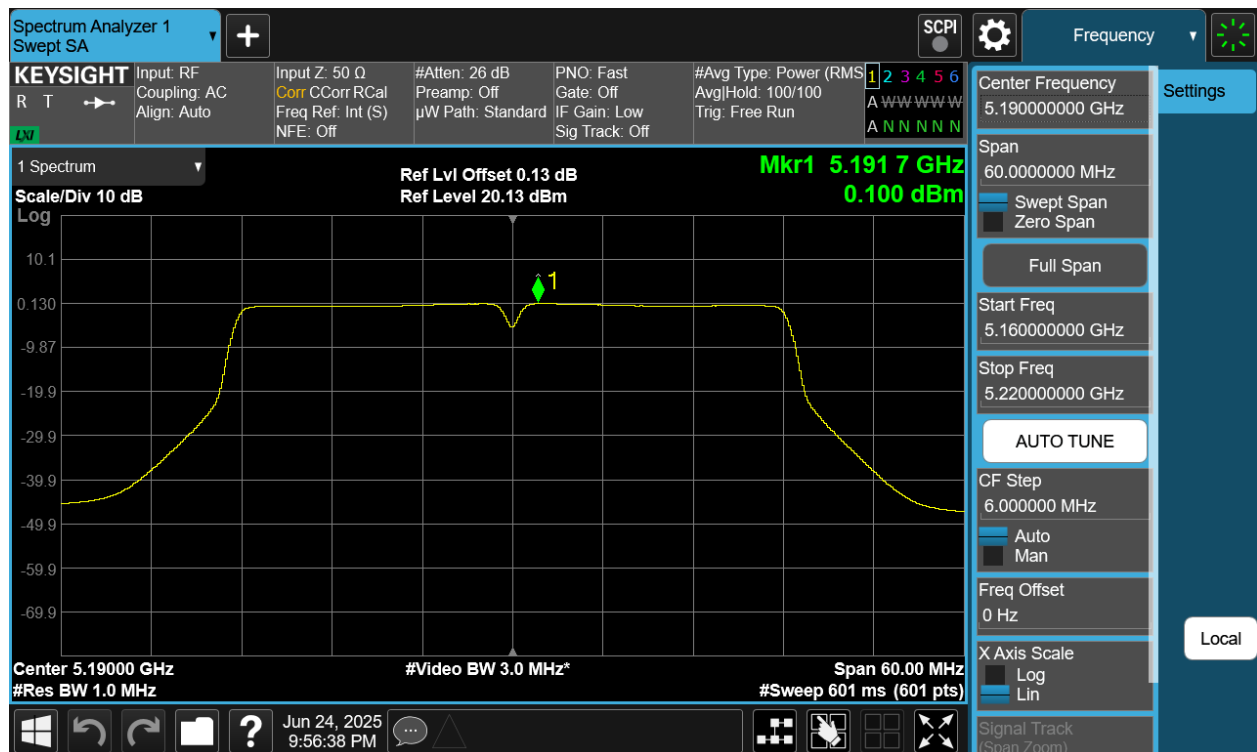
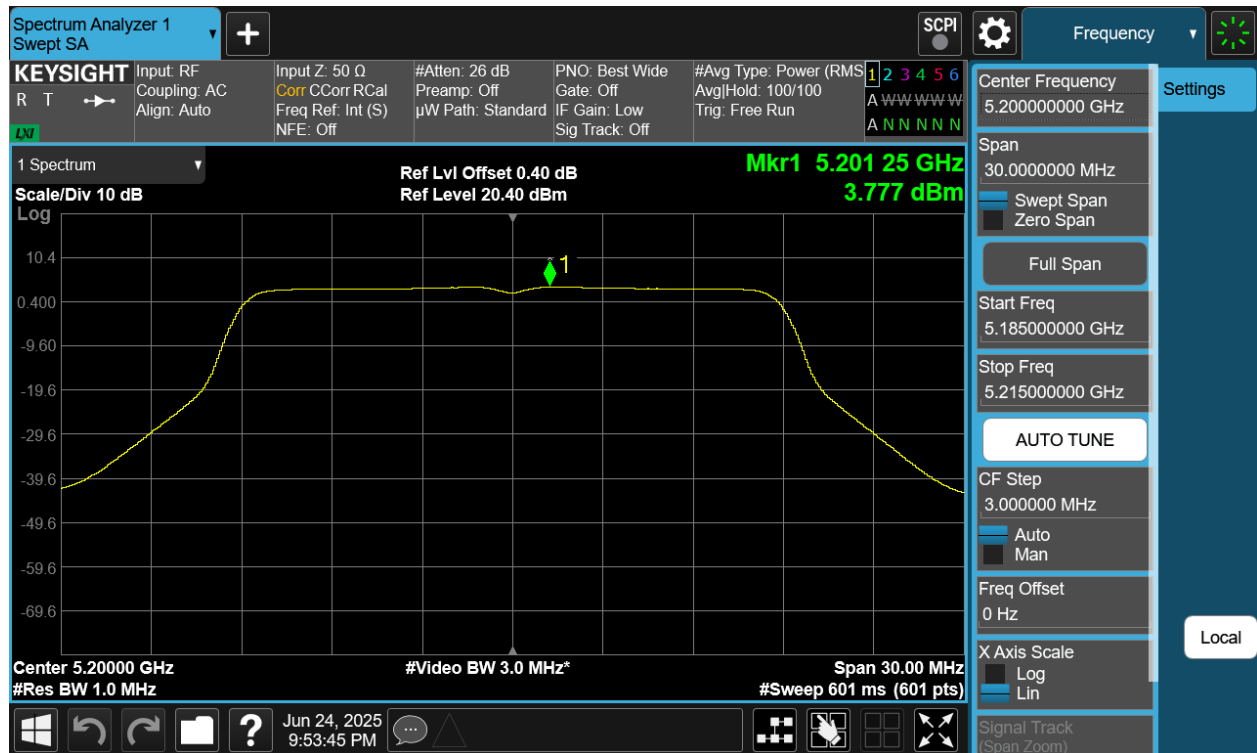
FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 118 of 261

	Frequency [MHz]	Channel No.	802.11 MODE	Mode	Data Rate	Antenna WF8 Power Density [dBm/MHz]	Antenna WF7 Power Density [dBm/MHz]	Summed Power Density [dBm/MHz]	Directoinal Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
Band 1	5180	36	a	CDD	36Mbps	-2.38	-2.39	0.63	3.28	3.90	10.0	-6.10
	5200	40	a	CDD	36Mbps	-1.70	-1.87	1.22	3.28	4.50	10.0	-5.50
	5240	48	a	CDD	36Mbps	-1.64	-1.54	1.42	3.28	4.70	10.0	-5.30
	5180	36	n (20MHz)	SDM	MCS3	2.56	2.91	5.75	0.47	6.22	10.0	-3.78
	5200	40	n (20MHz)	SDM	MCS5	3.78	3.81	6.80	0.47	7.28	10.0	-2.72
	5240	48	n (20MHz)	SDM	MCS3	3.54	3.66	6.61	0.47	7.09	10.0	-2.91
	5180	36	be (SU) (20MHz)	SDM	MCS3	2.40	2.91	5.67	0.47	6.14	10.0	-3.86
	5200	40	be (SU) (20MHz)	SDM	MCS0	3.32	3.72	6.54	0.47	7.01	10.0	-2.99
	5240	48	be (SU) (20MHz)	SDM	MCS0	3.37	3.52	6.45	0.47	6.93	10.0	-3.07
	5190	38	n (40MHz)	CDD	MCS0	0.10	0.03	3.08	3.28	6.35	10.0	-3.65
	5230	46	n (40MHz)	SDM	MCS0	2.33	2.56	5.46	0.47	5.93	10.0	-4.07
	5190	38	be (SU) (40MHz)	CDD	MCS3	-2.03	-1.86	1.07	3.28	4.34	10.0	-5.66
	5230	46	be (SU) (40MHz)	SDM	MCS0	2.16	2.39	5.29	0.47	5.76	10.0	-4.24
	5210	42	ac (80MHz)	CDD	MCS0	-4.32	-4.20	-1.25	3.28	2.03	10.0	-7.97
	5210	42	be (SU) (80MHz)	CDD	MCS0	-5.29	-4.87	-2.06	3.28	1.21	10.0	-8.79
Band 1/2	5250	50	ac (160MHz)	CDD	MCS5	-9.70	-9.52	-6.60	3.28	-3.32	10.0	-13.32
	5250	50	be (SU) (160MHz)	CDD	MCS5	-9.78	-9.70	-6.73	3.28	-3.45	10.0	-13.45

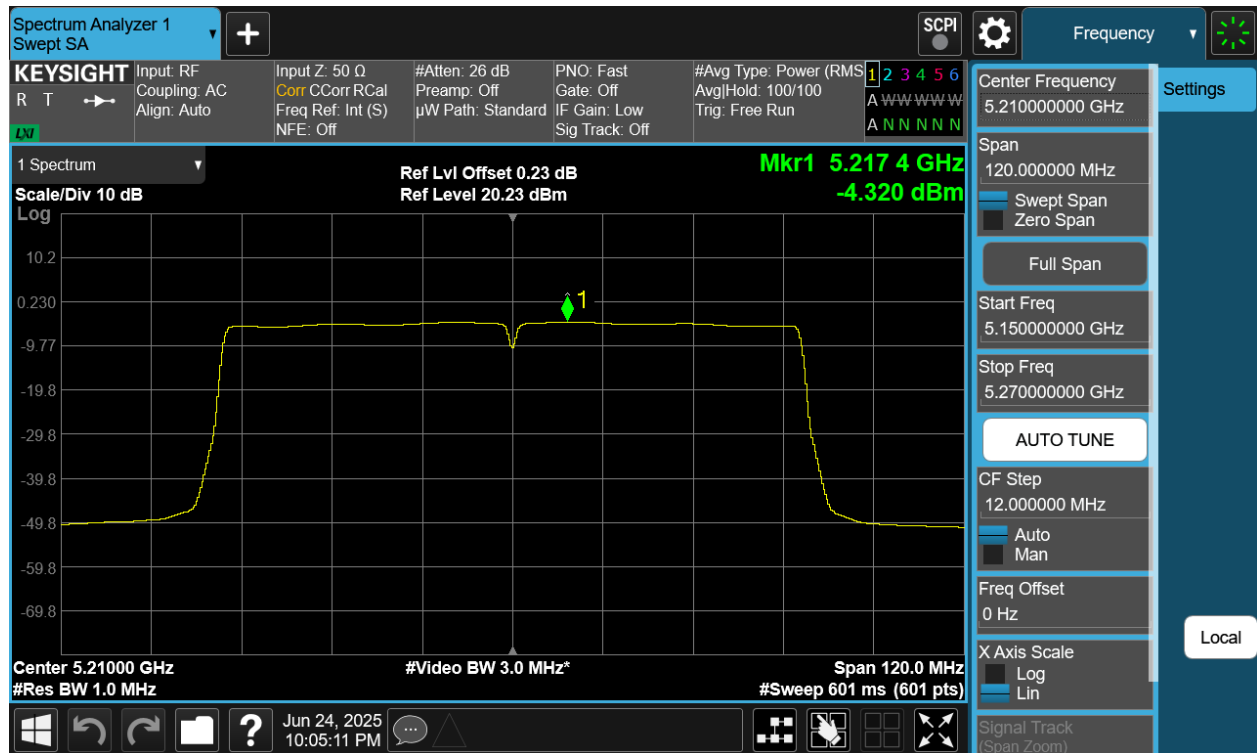
Table 7-112. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD/SDM Diversity

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 119 of 261

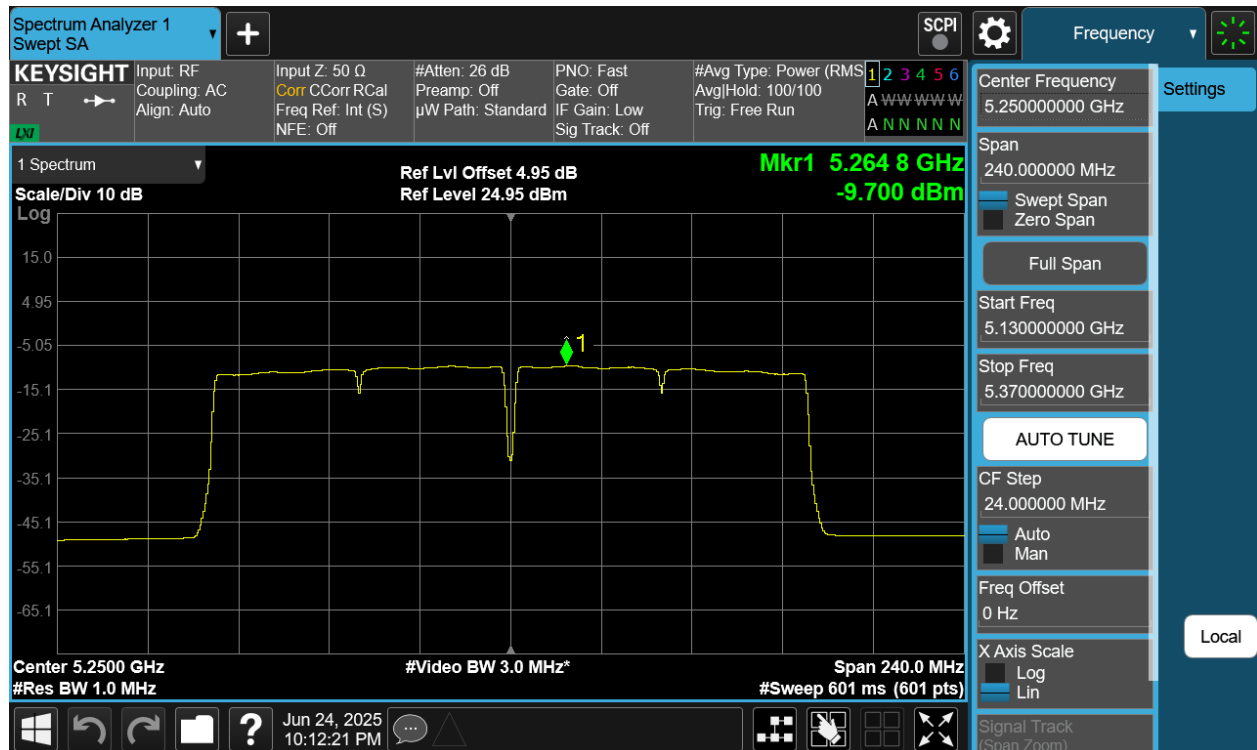
V 11.0 05/2025



FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 120 of 261



Plot 7-93 PSD CDD Diversity Antenna WF8 (80MHz BW 802.11ac - Ch.42)

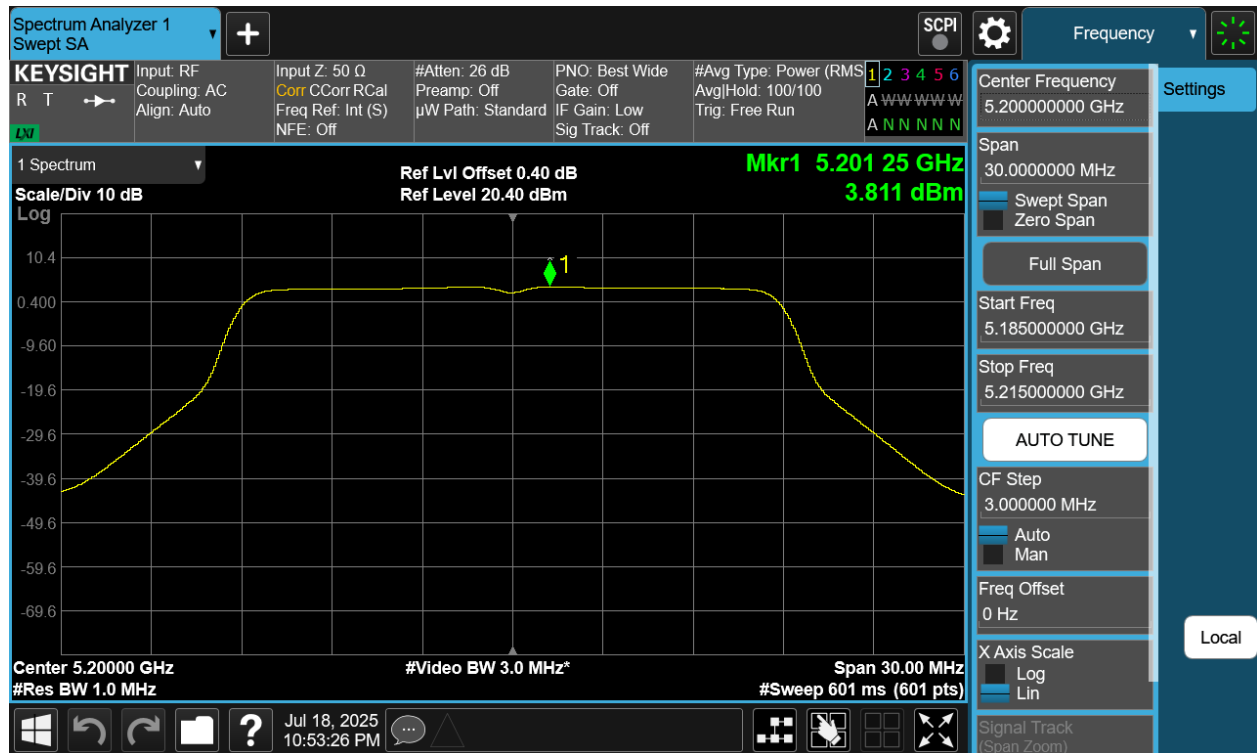


Plot 7-94 PSD CDD Diversity Antenna WF8 (160MHz BW 802.11ac - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 121 of 261

V 11.0 05/2025

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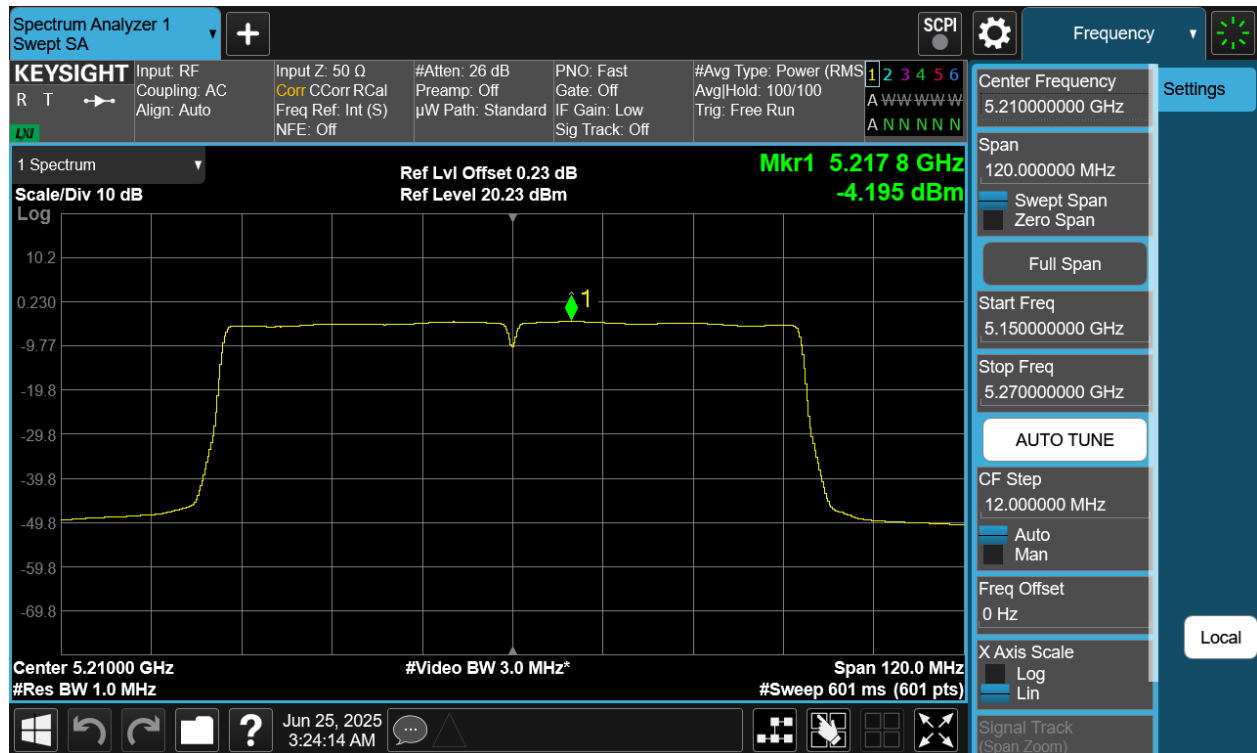


Plot 7-95 PSD SDM Diversity Antenna WF7 (20MHz BW 802.11n - Ch.40)

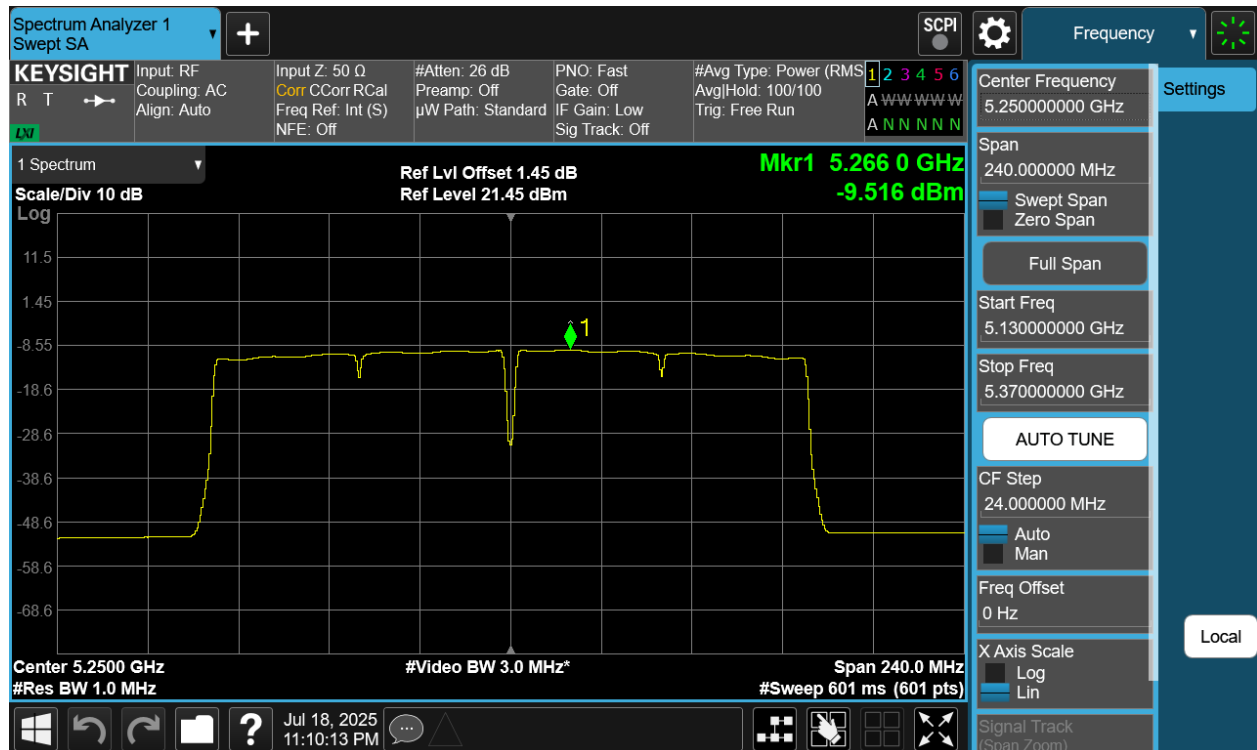


Plot 7-96 PSD CDD Diversity Antenna WF7 (40MHz BW 802.11n - Ch.38)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 122 of 261



Plot 7-97 PSD CDD Diversity Antenna WF7 (80MHz BW 802.11ac - Ch.42)



Plot 7-98 PSD CDD Diversity Antenna WF7 (160MHz BW 802.11ac - Ch.50)

FCC ID: BCGA3360 IC: 579C-A3360	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 123 of 261

V 11.0 05/2025

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Note:

Per ANSI C63.10-2020 and KDB 662911 v02r01 Section E1), 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 Section 14.6.3, the 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.

$$\text{Directional gain} = 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

Per ANSI C63.10-2020 Section 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 CDD/SDM Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average conducted output power was measured to be 2.65 dBm for Antenna WF5B and 2.56 dBm for Antenna WF8.

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

$$(2.65 \text{ dBm} + 2.56 \text{ dBm}) = (1.840 \text{ mW} + 1.803 \text{ mW}) = 3.643 \text{ mW} = 5.61 \text{ dBm}$$

Sample e.i.r.p. Calculation:

At 5180MHz in 802.11n (20MHz BW) mode, the average MIMO conducted power was calculated to be 5.61 dBm with directional gain of 1.71 dBi.

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

$$5.61 \text{ dBm} + 1.71 \text{ dBi} = 7.32 \text{ dBm}$$

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 124 of 261

7.6 Radiated Spurious Emissions – Above 1GHz

§15.407(b) §15.205 §15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is 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. All channels, modes (e.g. 802.11a, 802.11n, 802.11ax/be(SU) (20MHz BW), 802.11n, 802.11ax/be(SU) (40MHz BW), 802.11ac, 802.11ax/be(SU) (80MHz), and 802.11ac, 802.11ax/be(SU) (160MHz) and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.15-5.25 GHz and 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-113 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-113. Radiated Limits

Test Procedures Used

ANSI C63.10-2020 – Sections 12.7.7, 12.7.6
KDB 789033 D02 v02r01 – Section G

Test Settings

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 125 of 261

V 11.0 05/2025

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Test Setup

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

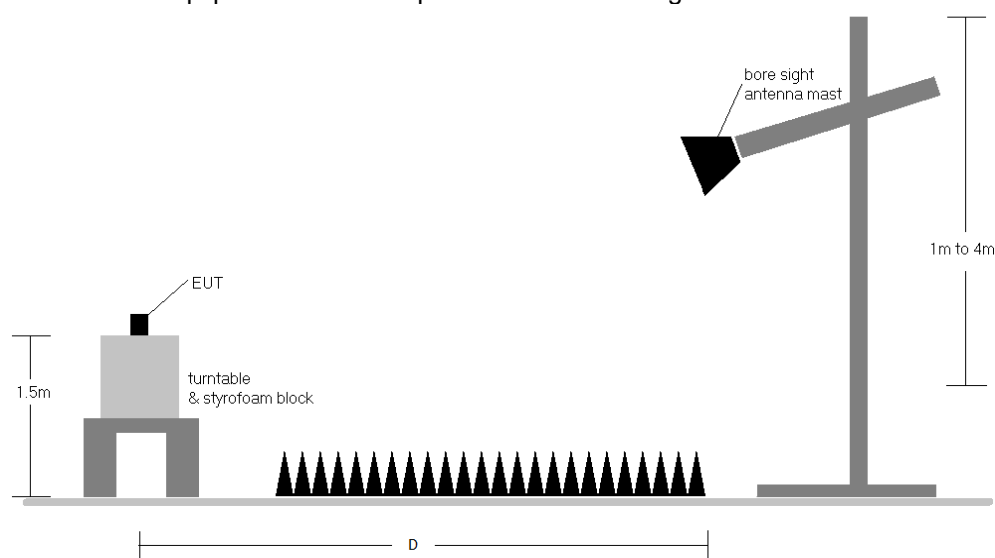


Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA3360 IC: 579C-A3360	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 126 of 261

V 11.0 05/2025

Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-113.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-113. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dB μ V/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dB μ V/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. All data rates and antenna configurations were investigated and only the worst case is reported.
9. The unit was tested with all possible modes and only the highest emission is reported.
10. The unit was tested at its highest output power.
11. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level [dB μ V/m] = Analyzer Level [dBm] + 107 + AFCL [dB/m]
- AFCL [dB/m] = Antenna Factor [dB/m] + Cable Loss [dB] – Preamplifier Gain [dB]
- Margin [dB] = Field Strength Level [dB μ V/m] – Limit [dB μ V/m]

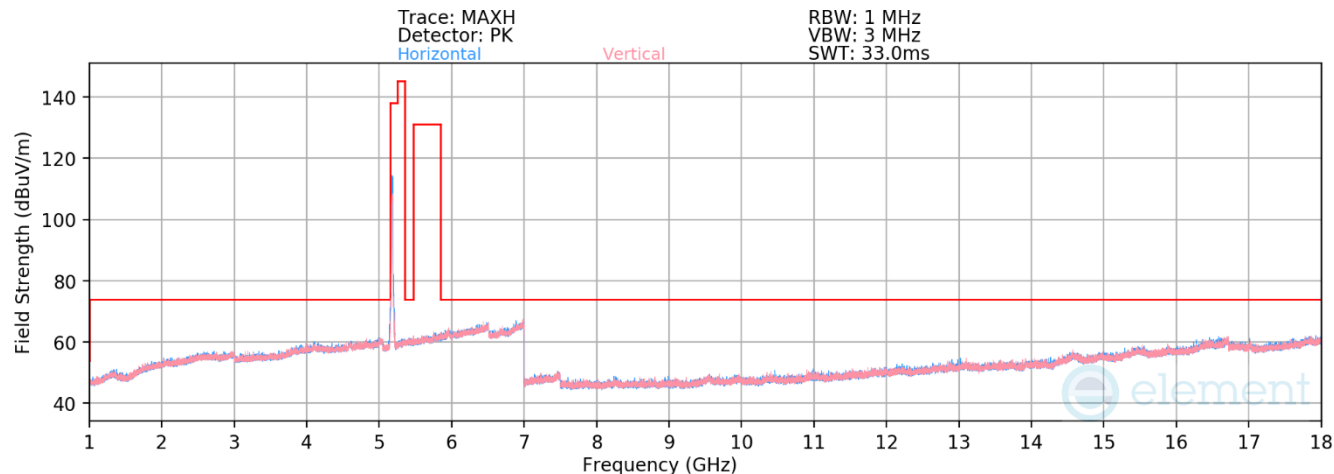
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.6.4 to 7.6.23 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 127 of 261

V 11.0 05/2025

7.6.1 CDD Primary Radiated Spurious Emission



Plot 7-99. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – Ch. 36)

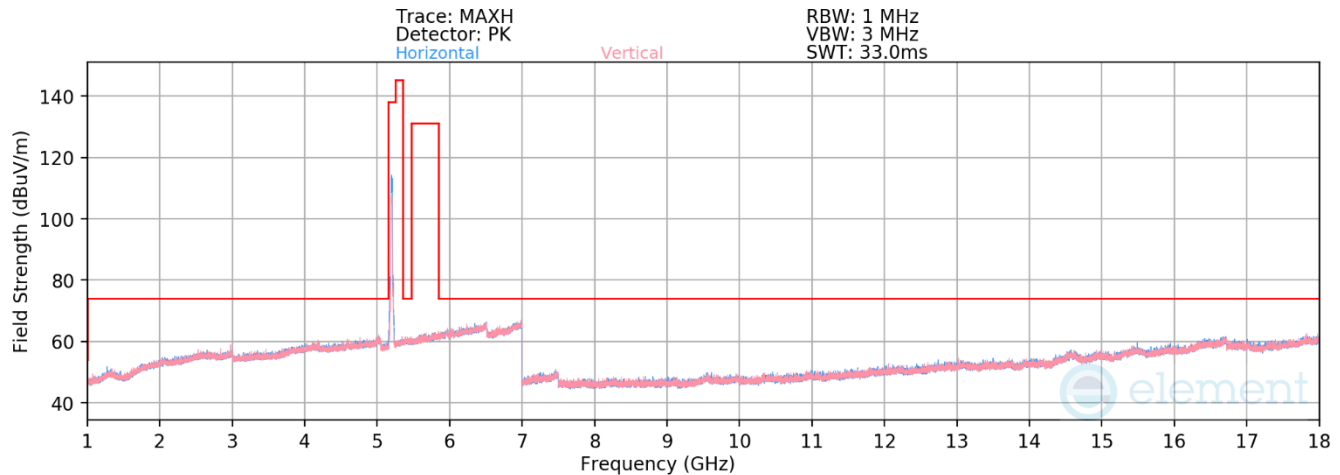
Mode:	802.11n
Data Rate:	MCS8
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
10360.00	Peak	V	-	-	-69.16	12.54	50.38	68.23	-17.85
* 15540.00	Average	V	-	-	-82.12	20.31	45.19	53.98	-8.79
* 15540.00	Peak	V	-	-	-71.25	20.31	56.05	73.98	-17.93

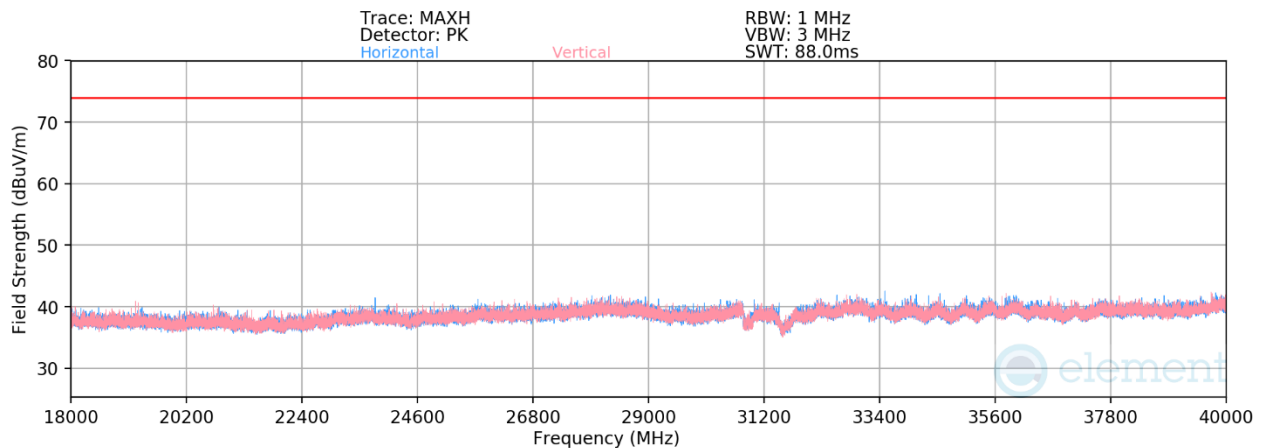
Table 7-114. Radiated Measurements CDD Primary

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 128 of 261

V 11.0 05/2025



Plot 7-100. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – Ch. 40)



Plot 7-101. Radiated Spurious Emissions 18GHz - 40GHz CDD Primary (802.11n – Ch.40)

Mode:	802.11n
Data Rate:	MCS8
Distance of Measurements:	3 Meters
Operating Frequency:	5200MHz
Channel:	40

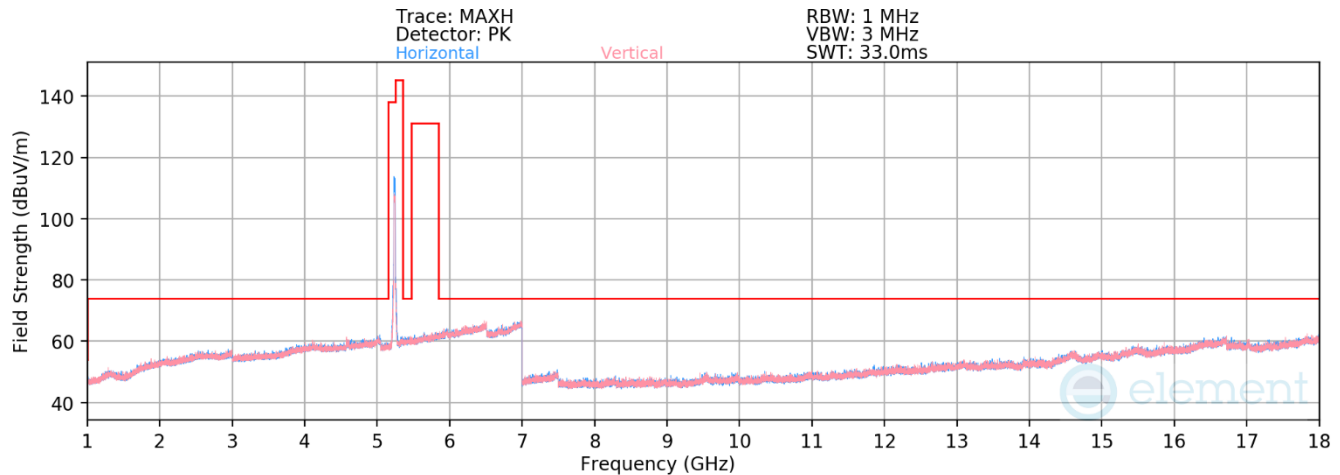
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	V	-	-	-69.78	12.53	49.76	68.23	-18.47
* 15600.00	Average	H	-	-	-82.22	19.86	44.64	53.98	-9.34
* 15600.00	Peak	H	-	-	-71.74	19.86	55.12	73.98	-18.86

Table 7-115. Radiated Measurements CDD Primary

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device		Page 129 of 261

V 11.0 05/2025

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Plot 7-102. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – Ch. 48)

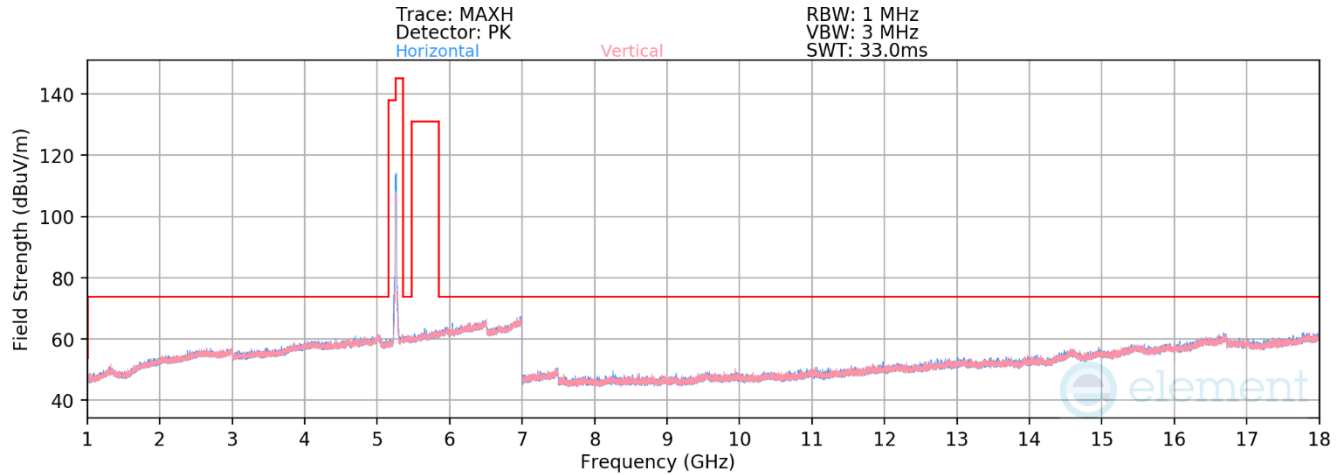
Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	V	-	-	-70.70	12.59	48.89	68.23	-19.34
* 15720.00	Average	H	-	-	-82.29	20.19	44.90	53.98	-9.08
* 15720.00	Peak	H	-	-	-71.23	20.19	55.96	73.98	-18.02

Table 7-116. Radiated Measurements CDD Primary

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 130 of 261

V 11.0 05/2025



Plot 7-103. Radiated Spurious Emissions above 1GHz CDD Primary (802.11n – Ch. 52)

Mode: 802.11n
Data Rate: MCS8
Distance of Measurements: 3 Meters
Operating Frequency: 5260MHz
Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBuV/m]	Limit [dBuV/m]	Margin [dB]
10520.00	Peak	V	-	-	-69.34	12.36	50.02	68.23	-18.21
* 15780.00	Average	V	-	-	-81.69	20.33	45.64	53.98	-8.34
* 15780.00	Peak	V	-	-	-70.76	20.33	56.57	73.98	-17.41

Table 7-117. Radiated Measurements CDD Primary

FCC ID: BCGA3360 IC: 579C-A3360		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170040-13.BCG	Test Dates: 05/12/2025 - 07/04/2025	EUT Type: Tablet Device	Page 131 of 261

V 11.0 05/2025