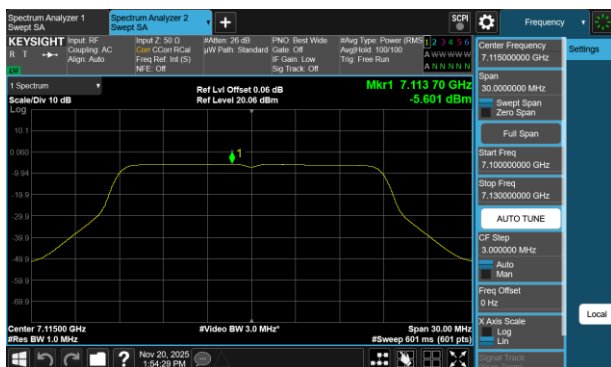
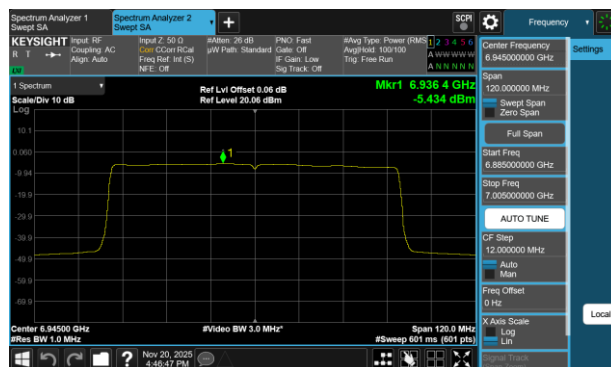
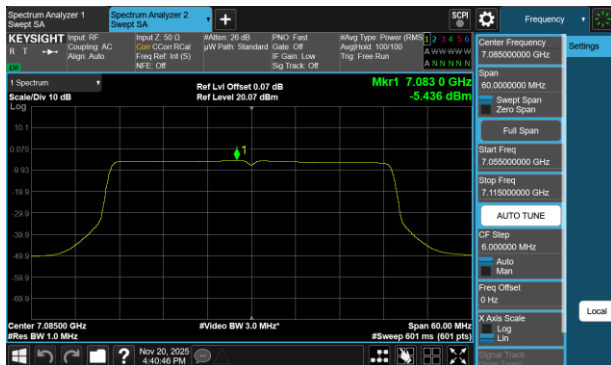




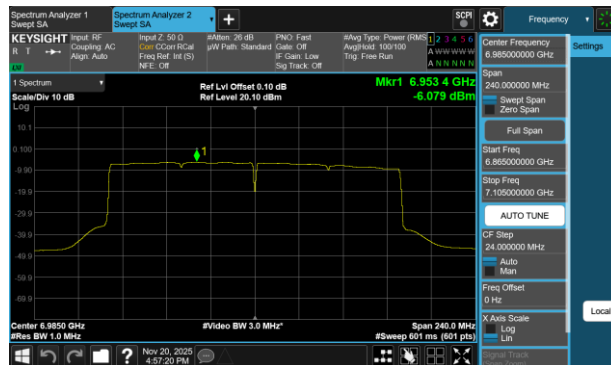
Plot 7-77 PSD Antenna 3a (20MHz BW 802.11a - Ch.233)



Plot 7-79 PSD Antenna 3a (80MHz BW 802.11b(SU) - Ch.199)



Plot 7-78 PSD Antenna 3a (40MHz BW 802.11b(SU) - Ch.227)



Plot 7-80 PSD Antenna 3a (160MHz BW 802.11b(SU) - Ch.207)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG			Page 54 of 197

7.4.3 Antenna 1b Power Spectral Density Measurements – VLP

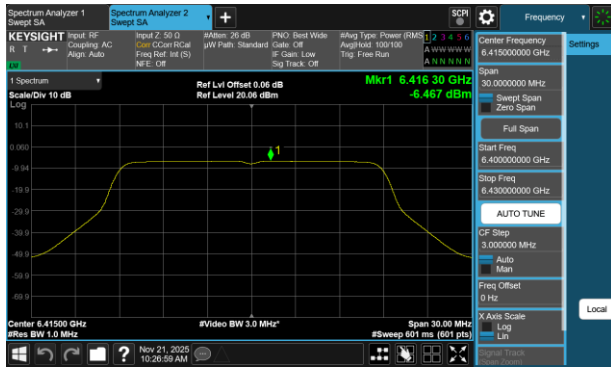
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Measured Power Density [dBm/MHz]	Antenna Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	a	12Mbps	-7.24	0.10	-7.14	-5	-2.14
	6255	61	a	12Mbps	-7.51	0.10	-7.41	-5	-2.41
	6415	93	a	12Mbps	-6.47	0.10	-6.37	-5	-1.37
	6115	33	be (20MHz)	MCS0	-7.83	0.10	-7.73	-5	-2.73
	6255	61	be (20MHz)	MCS0	-8.34	0.10	-8.24	-5	-3.24
	6415	93	be (20MHz)	MCS0	-7.05	0.10	-6.95	-5	-1.95
	6125	35	be (40MHz)	MCS5	-7.54	0.10	-7.44	-5	-2.44
	6245	59	be (40MHz)	MCS5	-7.94	0.10	-7.84	-5	-2.84
	6405	91	be (40MHz)	MCS5	-6.96	0.10	-6.86	-5	-1.86
	6145	39	be (80MHz)	MCS0	-7.41	0.10	-7.31	-5	-2.31
	6225	55	be (80MHz)	MCS3	-7.78	0.10	-7.68	-5	-2.68
	6385	87	be (80MHz)	MCS3	-6.47	0.10	-6.37	-5	-1.37
Band 6	6185	47	be (160MHz)	MCS5	-8.23	0.10	-8.13	-5	-3.13
	6345	79	be (160MHz)	MCS5	-7.62	0.10	-7.52	-5	-2.52
	6435	97	a	12Mbps	-6.30	-0.90	-7.20	-5	-2.20
	6475	105	a	12Mbps	-6.20	-0.90	-7.10	-5	-2.10
	6515	113	a	12Mbps	-6.20	-0.90	-7.10	-5	-2.10
	6435	97	be (20MHz)	MCS0	-6.86	-0.90	-7.76	-5	-2.76
	6475	105	be (20MHz)	MCS0	-6.72	-0.90	-7.62	-5	-2.62
	6515	113	be (20MHz)	MCS0	-6.74	-0.90	-7.64	-5	-2.64
	6445	99	be (40MHz)	MCS0	-6.69	-0.90	-7.59	-5	-2.59
	6485	107	be (40MHz)	MCS5	-6.71	-0.90	-7.61	-5	-2.61
	6525	115	be (40MHz)	MCS0	-7.86	-0.90	-8.76	-5	-3.76
	6465	103	be (80MHz)	MCS3	-6.41	-0.90	-7.31	-5	-2.31
Band 7	6505	111	be (160MHz)	MCS3	-8.83	-0.90	-9.73	-5	-4.73
	6535	117	a	12Mbps	-7.54	1.00	-6.54	-5	-1.54
	6695	149	a	12Mbps	-7.36	1.00	-6.36	-5	-1.36
	6875	185	a	12Mbps	-7.82	1.00	-6.82	-5	-1.82
	6535	117	be (20MHz)	MCS3	-8.36	1.00	-7.36	-5	-2.36
	6695	149	be (20MHz)	MCS5	-7.95	1.00	-6.95	-5	-1.95
	6875	185	be (20MHz)	MCS3	-8.18	1.00	-7.18	-5	-2.18
	6565	123	be (40MHz)	MCS5	-8.48	1.00	-7.48	-5	-2.48
	6725	155	be (40MHz)	MCS5	-7.80	1.00	-6.80	-5	-1.80
	6845	179	be (40MHz)	MCS5	-8.29	1.00	-7.29	-5	-2.29
	6545	119	be (80MHz)	MCS5	-7.80	1.00	-6.80	-5	-1.80
	6705	151	be (80MHz)	MCS3	-7.84	1.00	-6.84	-5	-1.84
Band 8	6865	183	be (80MHz)	MCS3	-8.06	1.00	-7.06	-5	-2.06
	6665	143	be (160MHz)	MCS5	-8.74	1.00	-7.74	-5	-2.74
	6825	175	be (160MHz)	MCS3	-8.80	1.00	-7.80	-5	-2.80
	6895	189	a	12Mbps	-5.38	-1.80	-7.18	-5	-2.18
	6995	209	a	12Mbps	-5.29	-1.80	-7.09	-5	-2.09
	7115	233	a	12Mbps	-5.40	-1.80	-7.20	-5	-2.20
	6895	189	be (20MHz)	MCS3	-6.01	-1.80	-7.81	-5	-2.81
	6995	209	be (20MHz)	MCS3	-5.92	-1.80	-7.72	-5	-2.72
	7115	233	be (20MHz)	MCS3	-5.99	-1.80	-7.79	-5	-2.79
	6885	187	be (40MHz)	MCS5	-7.98	-1.80	-9.78	-5	-4.78
	7005	211	be (40MHz)	MCS0	-5.63	-1.80	-7.43	-5	-2.43
	7085	227	be (40MHz)	MCS5	-5.24	-1.80	-7.04	-5	-2.04
	6945	199	be (80MHz)	MCS0	-4.92	-1.80	-6.72	-5	-1.72
	7025	215	be (80MHz)	MCS3	-5.46	-1.80	-7.26	-5	-2.26
	6985	207	be (160MHz)	MCS5	-5.94	-1.80	-7.74	-5	-2.74

Table 7-32. Power Spectral Density Measurements Antenna 1b

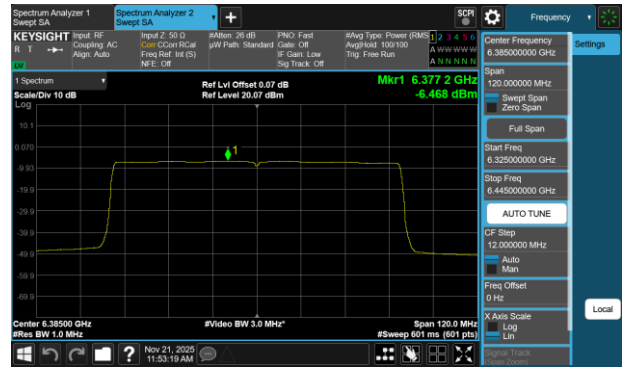
FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 55 of 197

V 11.0 05/2025

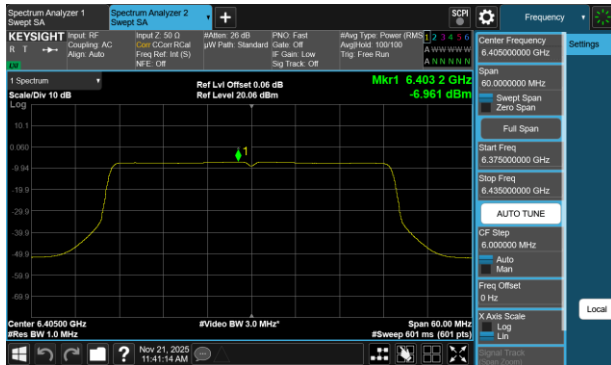
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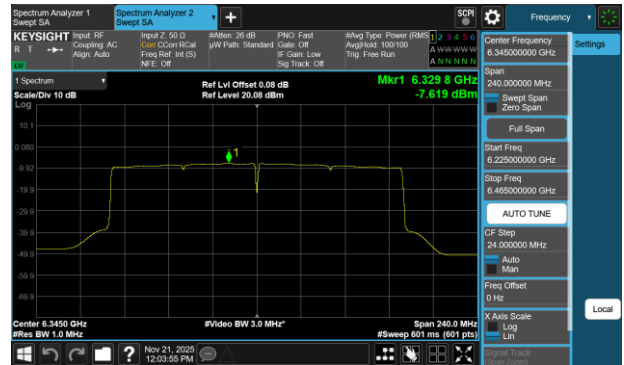
Plot 7-81 PSD Antenna 1b (20MHz BW 802.11a - Ch.93)



Plot 7-83 PSD Antenna 1b (80MHz BW 802.11b(SU) - Ch.87)

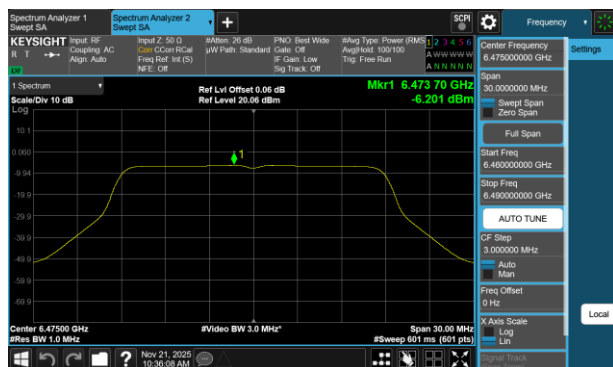


Plot 7-82 PSD Antenna 1b (40MHz BW 802.11b(SU) - Ch.91)

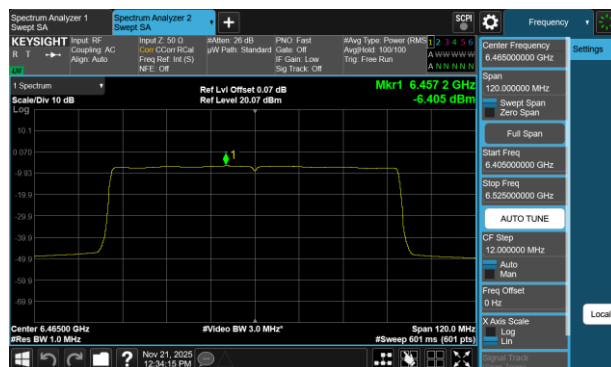


Plot 7-84 PSD Antenna 1b (160MHz BW 802.11b(SU) - Ch.79)

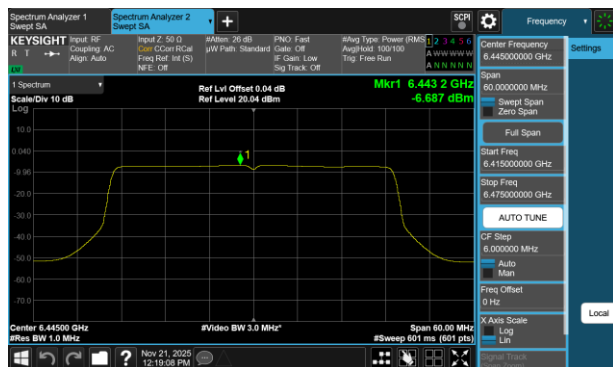
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG			Page 56 of 197



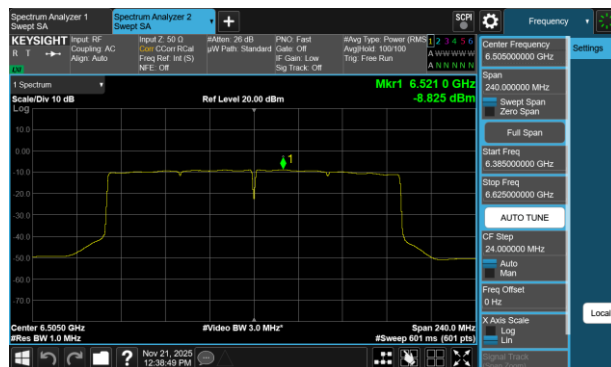
Plot 7-85 PSD Antenna 1b (20MHz BW 802.11a - Ch.105)



Plot 7-87 PSD Antenna 1b (80MHz BW 802.11be(SU) - Ch.103)

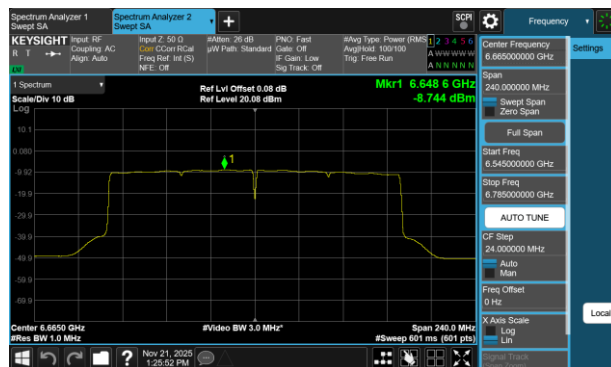
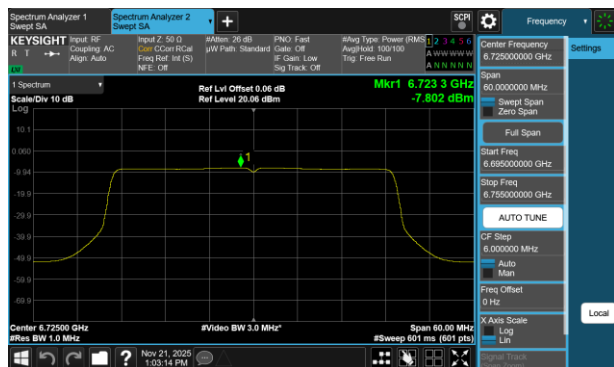
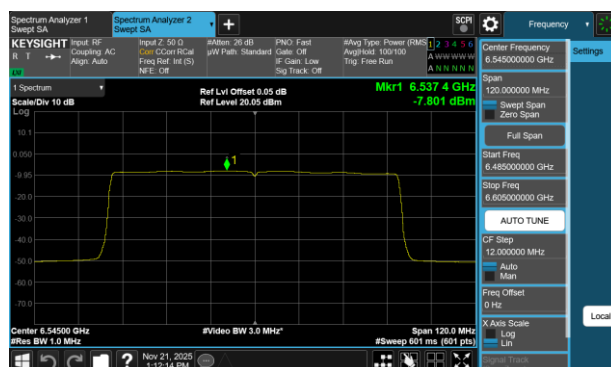


Plot 7-86 PSD Antenna 1b (40MHz BW 802.11be(SU) - Ch.99)

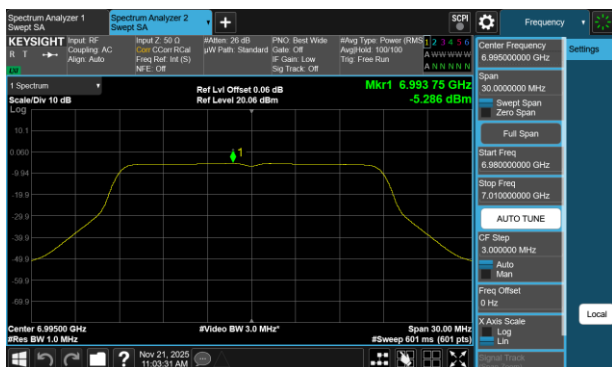


Plot 7-88 PSD Antenna 1b (160MHz BW 802.11be(SU) - Ch.111)

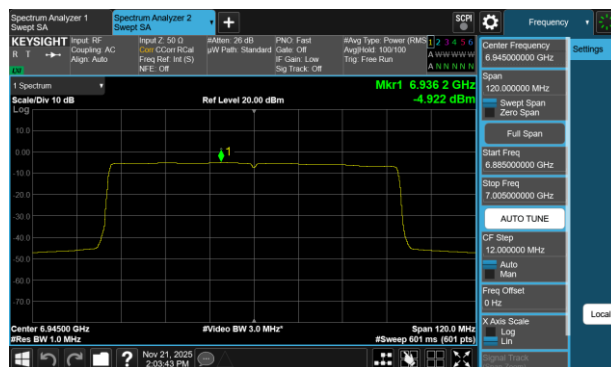
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG			Page 57 of 197
	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	



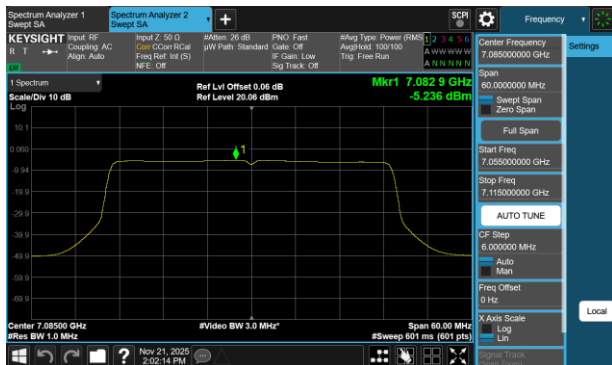
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG			Page 58 of 197
Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device		



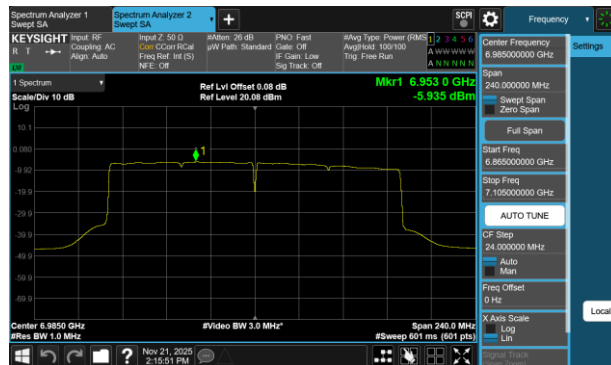
Plot 7-93 PSD Antenna 1b (20MHz BW 802.11a - Ch.209)



Plot 7-95 PSD Antenna 1b (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-94 PSD Antenna 1b (40MHz BW 802.11be(SU) - Ch.227)



Plot 7-96 PSD Antenna 1b (160MHz BW 802.11be(SU) - Ch.207)

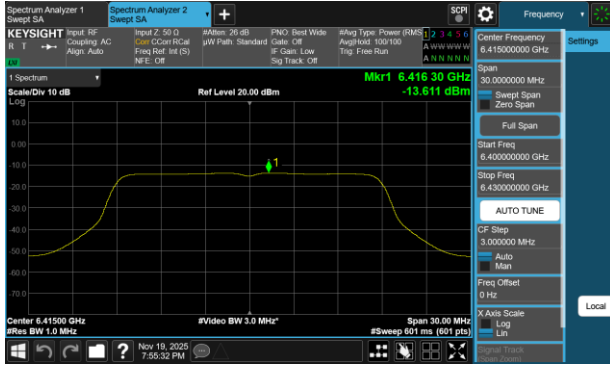
FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 59 of 197

7.4.4 CDD/SDM Primary Power Spectral Density Measurements – VLP

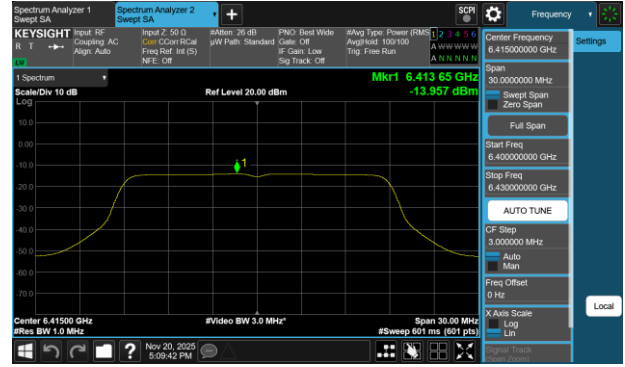
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna 3c Measured Power Density [dBm/MHz]	Antenna 3a Measured Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	a	CDD	12Mbps	-14.65	-14.26	-11.44	4.24	-7.20	-5	-2.20
	6255	61	a	CDD	12Mbps	-14.83	-14.24	-11.51	4.24	-7.27	-5	-2.27
	6415	93	a	CDD	12Mbps	-13.61	-13.96	-10.77	4.56	-6.21	-5	-1.21
	6115	33	be (20MHz)	SDM	MCS0	-11.55	-11.89	-8.70	1.26	-7.45	-5	-2.45
	6255	61	be (20MHz)	SDM	MCS0	-12.04	-11.85	-8.93	1.26	-7.68	-5	-2.68
	6415	93	be (20MHz)	SDM	MCS5	-11.11	-11.45	-8.26	1.59	-6.67	-5	-1.67
	6125	35	be (40MHz)	SDM	MCS0	-11.53	-11.27	-8.38	1.26	-7.13	-5	-2.13
	6245	59	be (40MHz)	SDM	MCS5	-11.67	-12.24	-8.93	1.26	-7.68	-5	-2.68
	6405	91	be (40MHz)	SDM	MCS0	-11.54	-11.60	-8.56	1.59	-6.97	-5	-1.97
	6145	39	be (80MHz)	SDM	MCS0	-11.15	-11.28	-8.20	1.26	-6.95	-5	-1.95
	6225	55	be (80MHz)	SDM	MCS3	-11.71	-11.72	-8.70	1.26	-7.45	-5	-2.45
	6385	87	be (80MHz)	SDM	MCS0	-11.11	-11.83	-8.45	1.59	-6.85	-5	-1.85
	6185	47	be (160MHz)	SDM	MCS5	-12.27	-12.51	-9.38	1.26	-8.12	-5	-3.12
	6345	79	be (160MHz)	SDM	MCS5	-12.45	-12.29	-9.36	1.59	-7.76	-5	-2.76
	6435	97	a	CDD	12Mbps	-14.52	-14.03	-11.26	4.14	-7.12	-5	-2.12
Band 6	6475	105	a	CDD	12Mbps	-14.16	-14.26	-11.20	4.14	-7.06	-5	-2.06
	6515	113	a	CDD	12Mbps	-14.15	-14.04	-11.08	4.14	-6.94	-5	-1.94
	6435	97	be (20MHz)	SDM	MCS0	-11.36	-10.81	-8.07	1.25	-6.81	-5	-1.81
	6475	105	be (20MHz)	SDM	MCS5	-11.69	-11.91	-8.79	1.25	-7.53	-5	-2.53
	6515	113	be (20MHz)	SDM	MCS0	-11.65	-11.51	-8.57	1.25	-7.32	-5	-2.32
	6445	99	be (40MHz)	SDM	MCS3	-11.56	-11.86	-8.70	1.25	-7.44	-5	-2.44
	6485	107	be (40MHz)	SDM	MCS3	-11.93	-11.77	-8.84	1.25	-7.58	-5	-2.58
	6525	115	be (40MHz)	SDM	MCS0	-12.34	-12.38	-9.35	1.25	-8.09	-5	-3.09
	6465	103	be (80MHz)	SDM	MCS3	-11.14	-11.51	-8.31	1.25	-7.06	-5	-2.06
	6505	111	be (80MHz)	SDM	MCS0	-12.81	-12.91	-9.84	1.25	-8.59	-5	-3.59
Band 7	6535	117	a	CDD	12Mbps	-14.76	-14.68	-11.71	3.82	-7.89	-5	-2.89
	6695	149	a	CDD	12Mbps	-14.82	-14.92	-11.86	3.82	-8.04	-5	-3.04
	6875	185	a	CDD	12Mbps	-14.85	-15.45	-12.13	3.82	-8.32	-5	-3.32
	6535	117	be (20MHz)	SDM	MCS0	-11.85	-11.99	-8.91	1.00	-7.90	-5	-2.90
	6695	149	be (20MHz)	SDM	MCS5	-12.24	-12.47	-9.34	1.00	-8.34	-5	-3.34
	6875	185	be (20MHz)	SDM	MCS5	-12.48	-12.97	-9.71	1.00	-8.71	-5	-3.71
	6565	123	be (40MHz)	SDM	MCS5	-12.27	-12.42	-9.33	1.00	-8.33	-5	-3.33
	6725	155	be (40MHz)	SDM	MCS5	-11.80	-12.14	-8.96	1.00	-7.96	-5	-2.96
	6845	179	be (40MHz)	SDM	MCS5	-12.16	-12.40	-9.26	1.00	-8.26	-5	-3.26
	6545	119	be (80MHz)	SDM	MCS3	-11.71	-12.36	-9.01	1.00	-8.01	-5	-3.01
	6705	151	be (80MHz)	SDM	MCS3	-11.62	-12.35	-8.96	1.00	-7.96	-5	-2.96
	6865	183	be (80MHz)	SDM	MCS3	-12.76	-13.21	-9.97	1.00	-8.96	-5	-3.96
	6665	143	be (160MHz)	SDM	MCS5	-12.58	-13.20	-9.87	1.00	-8.87	-5	-3.87
	6825	175	be (160MHz)	SDM	MCS5	-13.49	-13.75	-10.61	1.00	-9.61	-5	-4.61
	6895	189	a	CDD	12Mbps	-14.19	-14.60	-11.38	4.06	-7.32	-5	-2.32
Band 8	6995	209	a	CDD	12Mbps	-14.53	-14.37	-11.44	4.06	-7.38	-5	-2.38
	7115	233	a	CDD	12Mbps	-14.86	-14.85	-11.85	4.06	-7.79	-5	-2.79
	6895	189	be (20MHz)	SDM	MCS0	-11.74	-11.99	-8.85	1.41	-7.44	-5	-2.44
	6995	209	be (20MHz)	SDM	MCS5	-12.13	-12.00	-9.05	1.41	-7.64	-5	-2.64
	7115	233	be (20MHz)	SDM	MCS0	-12.80	-12.36	-9.56	1.41	-8.15	-5	-3.15
	6885	187	be (40MHz)	SDM	MCS5	-12.77	-12.83	-9.79	1.41	-8.38	-5	-3.38
	7005	211	be (40MHz)	SDM	MCS0	-11.90	-11.94	-8.91	1.41	-7.50	-5	-2.50
	7085	227	be (40MHz)	SDM	MCS5	-11.74	-11.90	-8.81	1.41	-7.40	-5	-2.40
	6945	199	be (80MHz)	SDM	MCS3	-11.40	-11.98	-8.67	1.41	-7.26	-5	-2.26
	7025	215	be (80MHz)	SDM	MCS3	-11.71	-12.06	-8.87	1.41	-7.46	-5	-2.46
	6985	207	be (160MHz)	SDM	MCS5	-12.32	-12.44	-9.37	1.41	-7.96	-5	-2.96

Table 7-33. Power Spectral Density Measurements CDD/SDM Primary

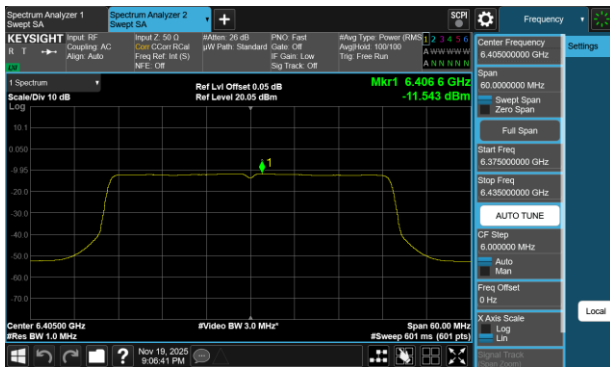
FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 60 of 197



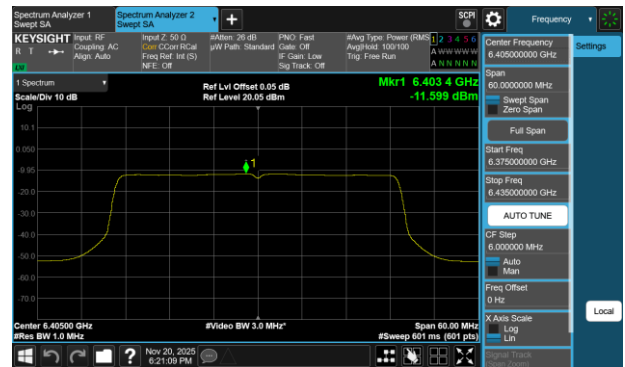
Plot 7-97 PSD CDD Primary Antenna 3c (20MHz BW 802.11a - Ch.93)



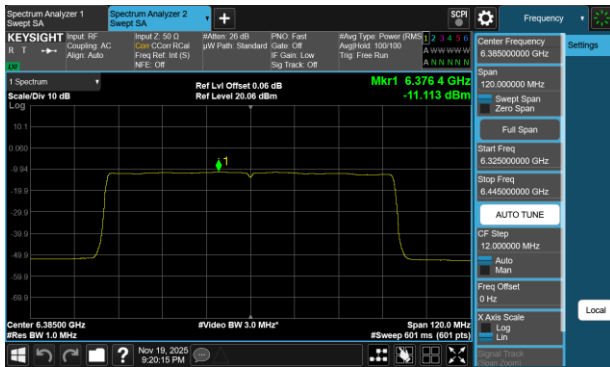
Plot 7-101 PSD CDD Primary Antenna 3a (20MHz BW 802.11a - Ch.93)



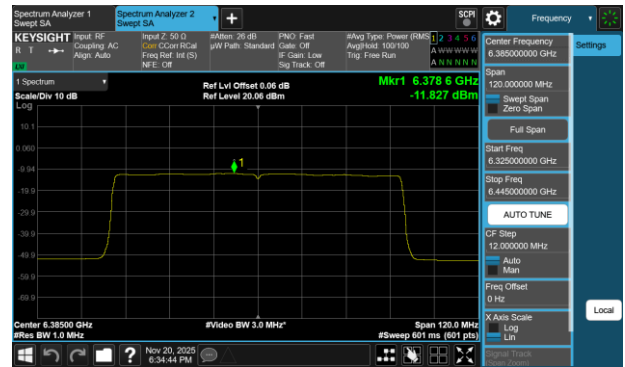
Plot 7-98 PSD SDM Primary Antenna 3c (40MHz BW 802.11be(SU) - Ch.91)



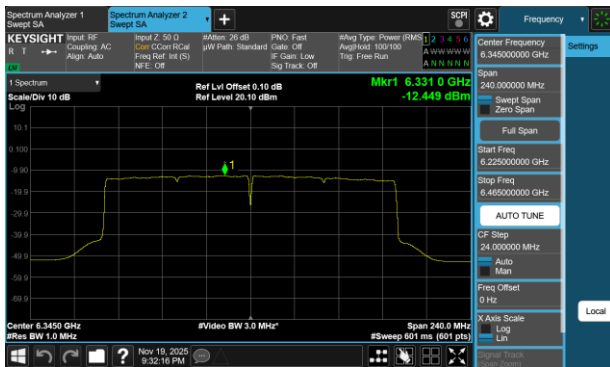
Plot 7-102 PSD SDM Primary Antenna 3a (40MHz BW 802.11be(SU) - Ch.91)



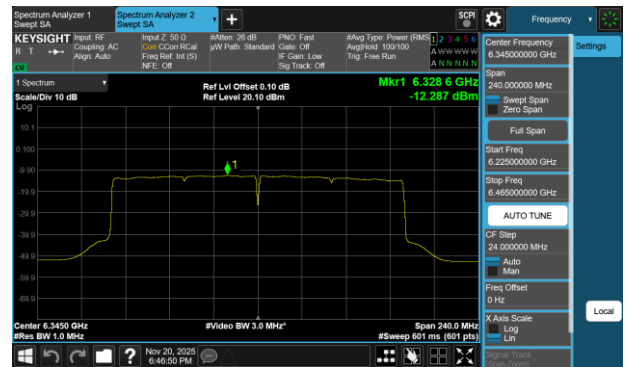
Plot 7-99 PSD SDM Primary Antenna 3c (80MHz BW 802.11be(SU) - Ch.87)



Plot 7-103 PSD SDM Primary Antenna 3a (80MHz BW 802.11be(SU) - Ch.87)

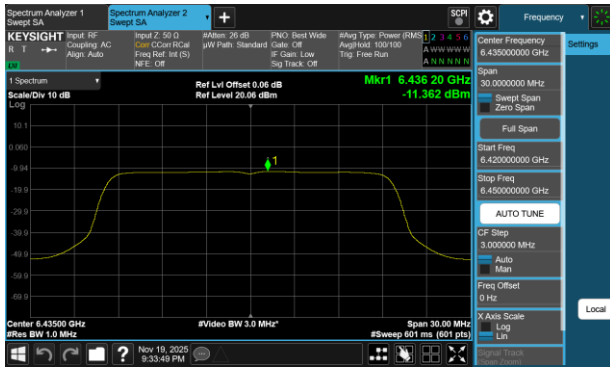


Plot 7-100 PSD SDM Primary Antenna 3c (160MHz BW 802.11be(SU) - Ch.79)

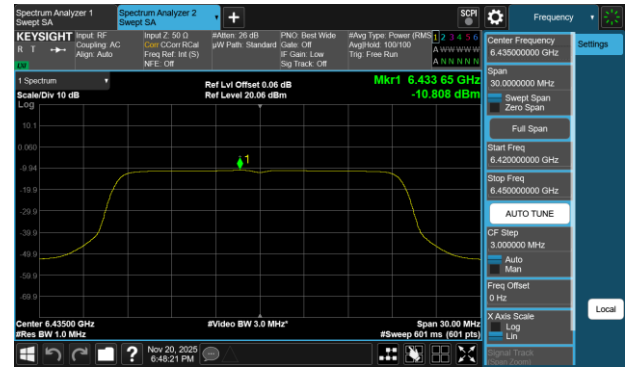


Plot 7-104 PSD SDM Primary Antenna 3a (160MHz BW 802.11be(SU) - Ch.79)

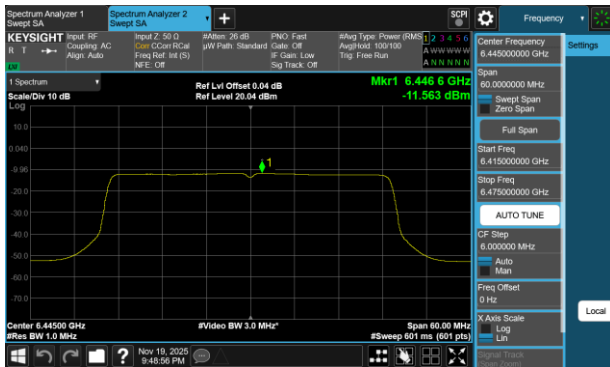
FCC ID: BCGA3460 IC: 579C-A3460	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 61 of 197



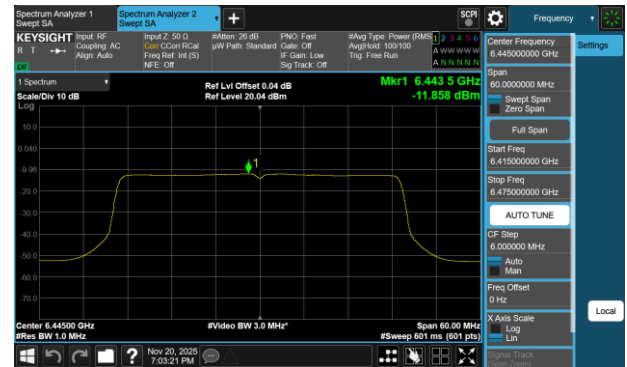
Plot 7-105 PSD SDM Primary Antenna 3c (20MHz BW 802.11be(SU) - Ch.97)



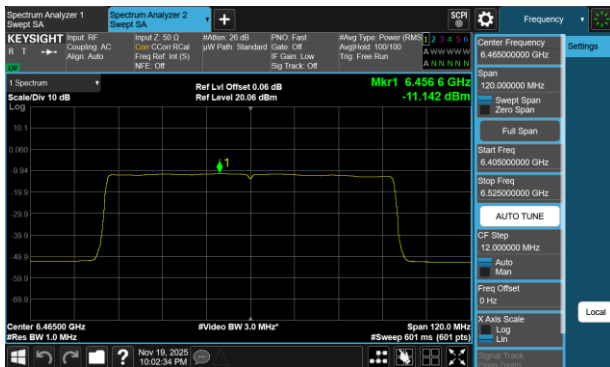
Plot 7-109 PSD SDM Primary Antenna 3a (20MHz BW 802.11be(SU) - Ch.97)



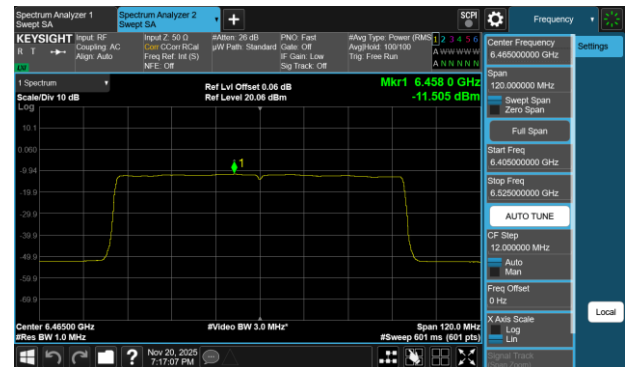
Plot 7-106 PSD SDM Primary Antenna 3c (40MHz BW 802.11be(SU) - Ch.99)



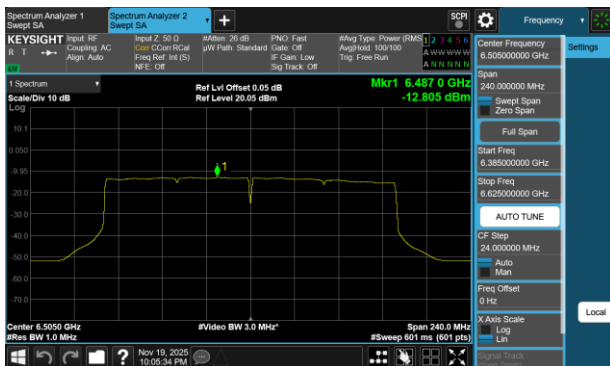
Plot 7-110 PSD SDM Primary Antenna 3a (40MHz BW 802.11be(SU) - Ch.99)



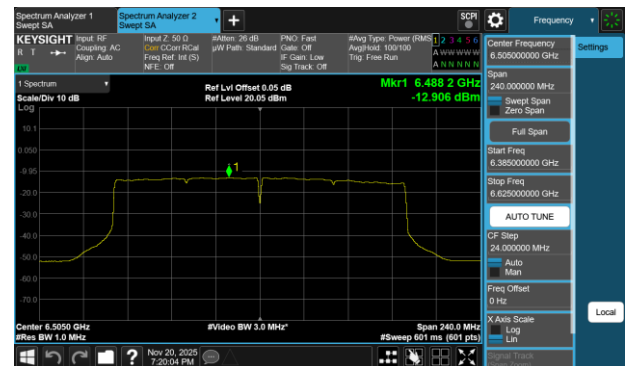
Plot 7-107 PSD SDM Primary Antenna 3c (80MHz BW 802.11be(SU) - Ch.103)



Plot 7-111 PSD SDM Primary Antenna 3a (80MHz BW 802.11be(SU) - Ch.103)

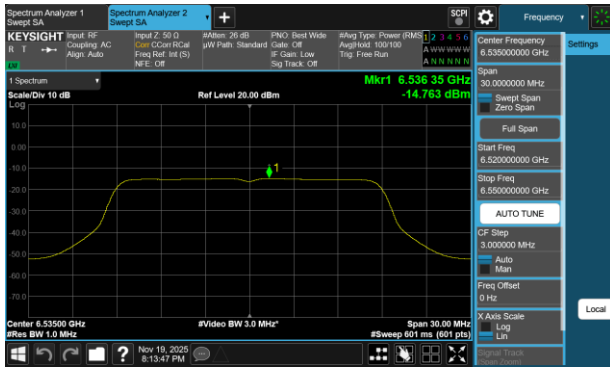


Plot 7-108 PSD SDM Primary Antenna 3c (160MHz BW 802.11be(SU) - Ch.111)

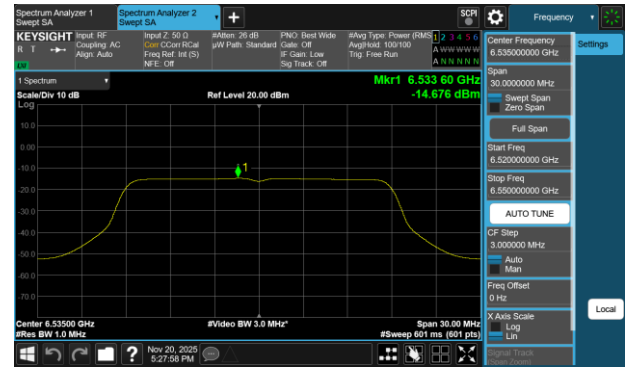


Plot 7-112 PSD SDM Primary Antenna 3a (160MHz BW 802.11be(SU) - Ch.111)

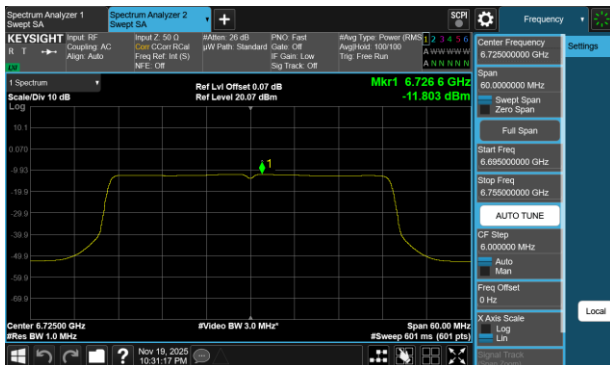
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 62 of 197



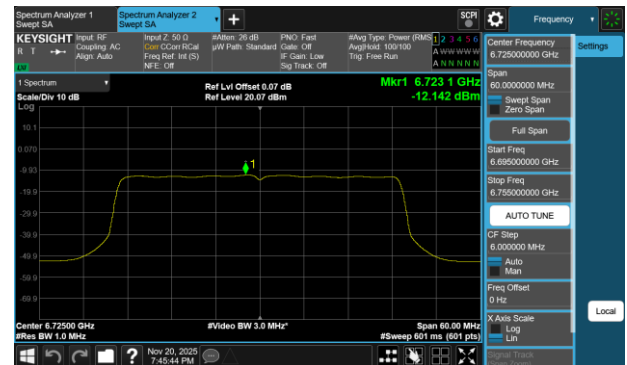
Plot 7-113 PSD CDD Primary Antenna 3c (20MHz BW 802.11a - Ch.117)



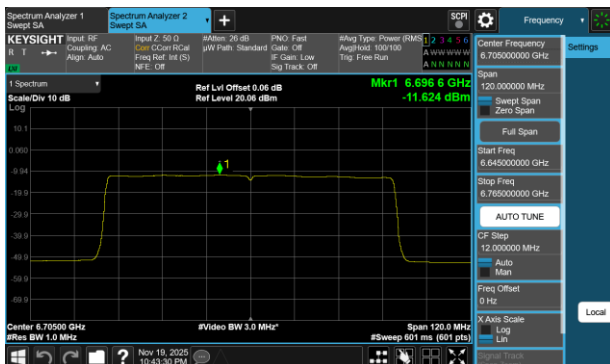
Plot 7-117 PSD CDD Primary Antenna 3a (20MHz BW 802.11a - Ch.117)



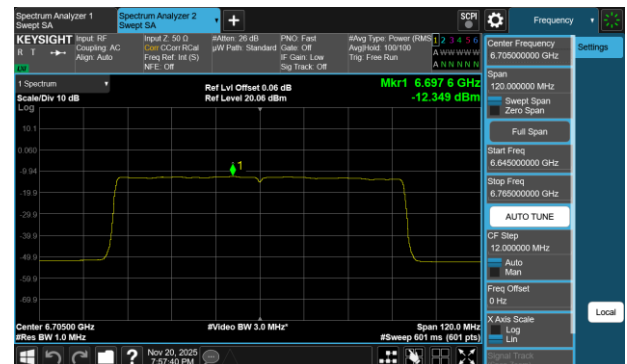
Plot 7-114 PSD SDM Primary Antenna 3c (40MHz BW 802.11be(SU) - Ch.155)



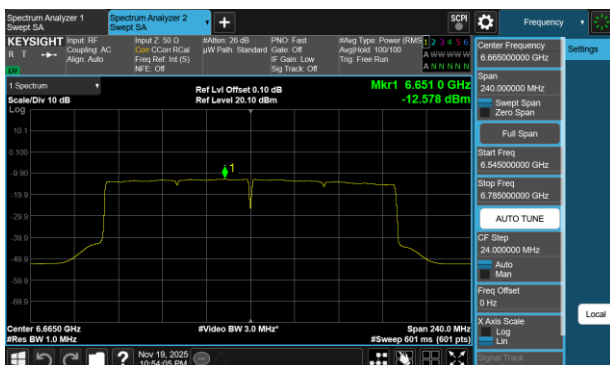
Plot 7-118 PSD SDM Primary Antenna 3a (40MHz BW 802.11be(SU) - Ch.155)



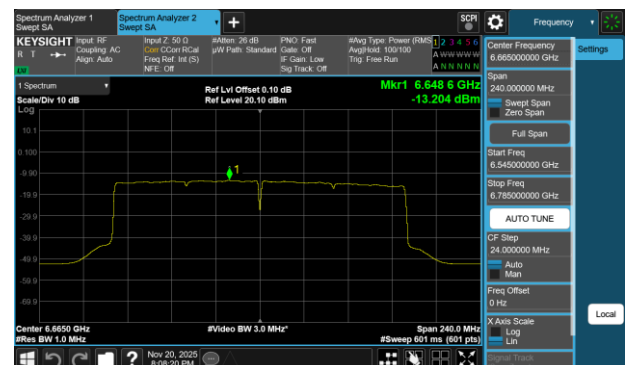
Plot 7-115 PSD SDM Primary Antenna 3c (80MHz BW 802.11be(SU) - Ch.151)



Plot 7-119 PSD SDM Primary Antenna 3a (80MHz BW 802.11be(SU) - Ch.151)

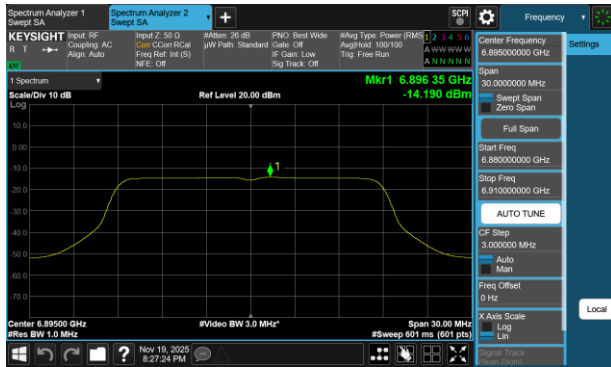


Plot 7-116 PSD SDM Primary Antenna 3c (160MHz BW 802.11be(SU) - Ch.143)

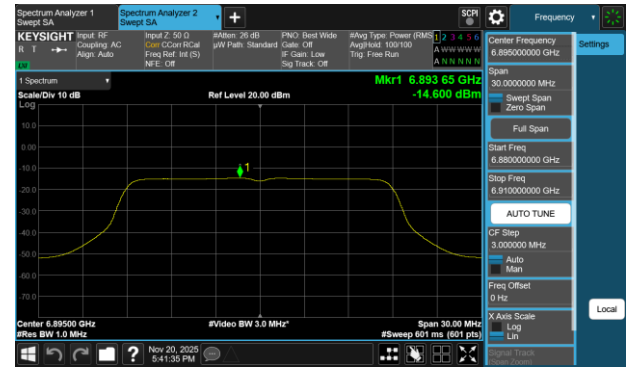


Plot 7-120 PSD SDM Primary Antenna 3a (160MHz BW 802.11be(SU) - Ch.143)

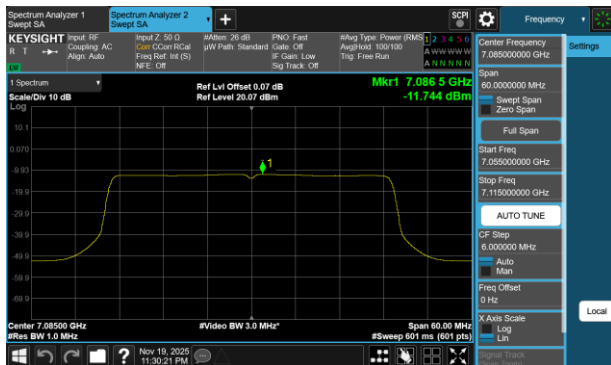
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 63 of 197



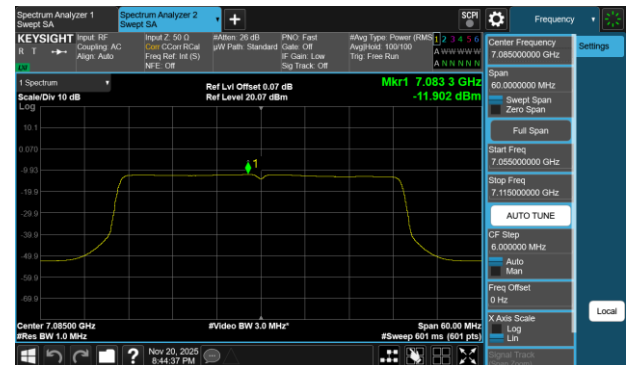
Plot 7-121 PSD CDD Primary Antenna 3c (20MHz BW 802.11a - Ch.189)



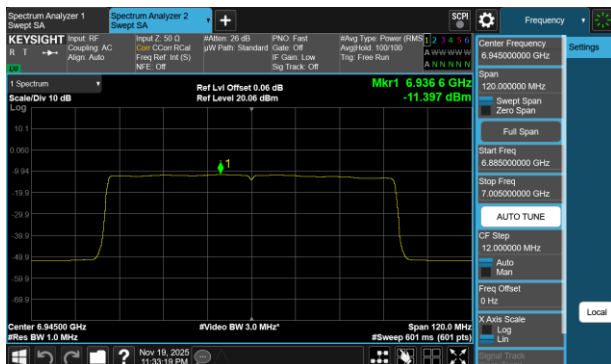
Plot 7-125 PSD CDD Primary Antenna 3a (20MHz BW 802.11a - Ch.189)



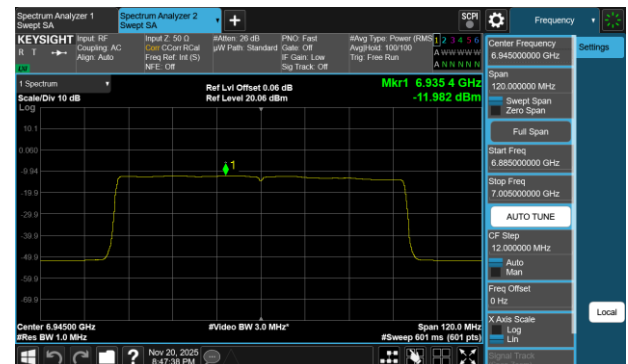
Plot 7-122 PSD SDM Primary Antenna 3c (40MHz BW 802.11be(SU) - Ch.227)



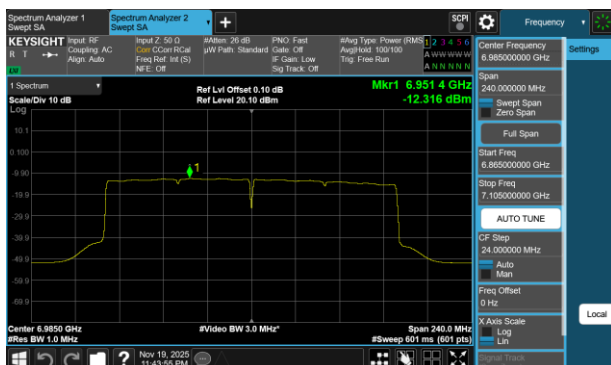
Plot 7-126 PSD SDM Primary Antenna 3a (40MHz BW 802.11be(SU) - Ch.227)



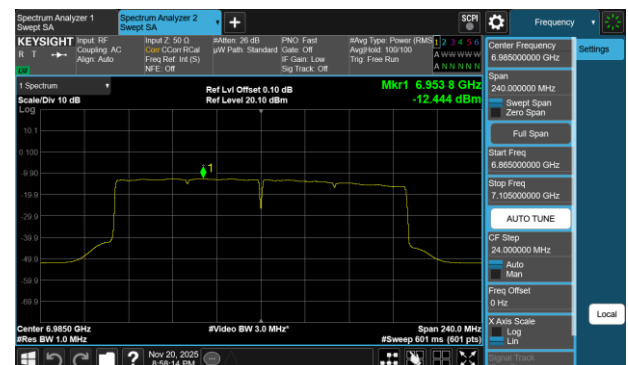
Plot 7-123 PSD SDM Primary Antenna 3c (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-127 PSD SDM Primary Antenna 3a (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-124 PSD SDM Primary Antenna 3c (160MHz BW 802.11be(SU) - Ch.207)



Plot 7-128 PSD SDM Primary Antenna 3a (160MHz BW 802.11be(SU) - Ch.207)

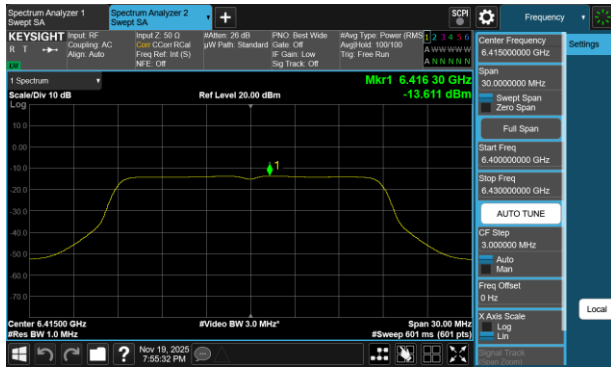
FCC ID: BCGA3460 IC: 579C-A3460	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 64 of 197

7.4.5 CDD/SDM Diversity Power Spectral Density Measurements – VLP

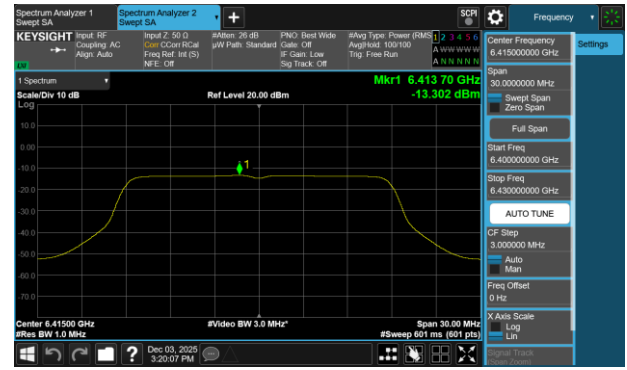
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna 3a Measured Power Density [dBm/MHz]	Antenna 1b Measured Power Density [dBm/MHz]	Summed MIMO Power Density [dBm/MHz]	Directional Gain [dBi]	e.i.r.p Density [dBm/MHz]	Max EIRP Density [dBm/MHz]	Margin [dB]
Band 5	6115	33	a	CDD	12Mbps	-14.65	-14.29	-11.46	4.06	-7.40	-5	-2.40
	6255	61	a	CDD	12Mbps	-14.83	-14.45	-11.62	4.06	-7.57	-5	-2.57
	6415	93	a	CDD	12Mbps	-13.61	-13.30	-10.44	4.34	-6.11	-5	-1.11
	6115	33	be (20MHz)	SDM	MCS5	-11.59	-11.83	-8.70	1.09	-7.61	-5	-2.61
	6255	61	be (20MHz)	SDM	MCS3	-12.02	-11.91	-8.96	1.09	-7.87	-5	-2.87
	6415	93	be (20MHz)	SDM	MCS5	-11.11	-11.90	-8.47	1.40	-7.07	-5	-2.07
	6125	35	be (40MHz)	SDM	MCS5	-11.23	-11.41	-8.31	1.09	-7.22	-5	-2.22
	6245	59	be (40MHz)	SDM	MCS5	-11.67	-11.45	-8.55	1.09	-7.45	-5	-2.45
	6405	91	be (40MHz)	SDM	MCS3	-11.79	-11.10	-8.42	1.40	-7.02	-5	-2.02
	6145	39	be (80MHz)	SDM	MCS3	-11.16	-11.31	-8.22	1.09	-7.13	-5	-2.13
	6225	55	be (80MHz)	SDM	MCS3	-11.71	-11.48	-8.58	1.09	-7.49	-5	-2.49
	6385	87	be (80MHz)	SDM	MCS5	-11.16	-11.02	-8.08	1.40	-6.68	-5	-1.68
	6185	47	be (160MHz)	SDM	MCS5	-12.27	-11.87	-9.06	1.09	-7.96	-5	-2.96
	6345	79	be (160MHz)	SDM	MCS5	-12.45	-12.43	-9.43	1.40	-8.03	-5	-3.03
Band 6	6435	97	a	CDD	12Mbps	-14.52	-13.80	-11.14	3.98	-7.16	-5	-2.16
	6475	105	a	CDD	12Mbps	-14.16	-13.89	-11.01	3.98	-7.04	-5	-2.04
	6515	113	a	CDD	12Mbps	-14.15	-13.89	-11.01	3.98	-7.03	-5	-2.03
	6435	97	be (20MHz)	SDM	MCS0	-11.36	-11.02	-8.18	1.12	-7.05	-5	-2.05
	6475	105	be (20MHz)	SDM	MCS5	-11.69	-11.36	-8.51	1.12	-7.39	-5	-2.39
	6515	113	be (20MHz)	SDM	MCS0	-11.65	-10.94	-8.27	1.12	-7.15	-5	-2.15
	6445	99	be (40MHz)	SDM	MCS0	-11.57	-11.21	-8.38	1.12	-7.25	-5	-2.25
	6485	107	be (40MHz)	SDM	MCS5	-11.92	-11.40	-8.65	1.12	-7.52	-5	-2.52
	6525	115	be (40MHz)	SDM	MCS0	-12.34	-11.63	-8.96	1.12	-7.84	-5	-2.84
	6465	103	be (80MHz)	SDM	MCS3	-11.14	-11.24	-8.18	1.12	-7.06	-5	-2.06
	6505	111	be (160MHz)	SDM	MCS3	-12.86	-12.52	-9.68	1.12	-8.55	-5	-3.55
Band 7	6535	117	a	CDD	12Mbps	-14.76	-14.83	-11.79	4.79	-6.99	-5	-1.99
	6695	149	a	CDD	12Mbps	-14.82	-14.20	-11.49	4.79	-6.70	-5	-1.70
	6875	185	a	CDD	12Mbps	-14.85	-14.37	-11.60	4.79	-6.80	-5	-1.80
	6535	117	be (20MHz)	SDM	MCS0	-11.85	-11.97	-8.90	1.81	-7.08	-5	-2.08
	6695	149	be (20MHz)	SDM	MCS0	-12.23	-11.79	-9.00	1.81	-7.18	-5	-2.18
	6875	185	be (20MHz)	SDM	MCS3	-12.49	-12.02	-9.24	1.81	-7.43	-5	-2.43
	6565	123	be (40MHz)	SDM	MCS3	-12.29	-11.77	-9.01	1.81	-7.19	-5	-2.19
	6725	155	be (40MHz)	SDM	MCS3	-11.81	-11.57	-8.68	1.81	-6.87	-5	-1.87
	6845	179	be (40MHz)	SDM	MCS0	-12.14	-11.83	-8.97	1.81	-7.16	-5	-2.16
	6545	119	be (80MHz)	SDM	MCS3	-11.71	-11.52	-8.60	1.81	-6.79	-5	-1.79
	6705	151	be (80MHz)	SDM	MCS0	-11.62	-11.34	-8.47	1.81	-6.65	-5	-1.65
	6865	183	be (80MHz)	SDM	MCS3	-12.76	-12.36	-9.54	1.81	-7.73	-5	-2.73
	6665	143	be (160MHz)	SDM	MCS3	-12.76	-12.31	-9.52	1.81	-7.70	-5	-2.70
	6825	175	be (160MHz)	SDM	MCS3	-13.70	-12.99	-10.32	1.81	-8.50	-5	-3.50
Band 8	6895	189	a	CDD	12Mbps	-14.19	-13.56	-10.85	4.13	-6.72	-5	-1.72
	6995	209	a	CDD	12Mbps	-14.53	-14.33	-11.42	4.13	-7.29	-5	-2.29
	7115	233	a	CDD	12Mbps	-14.86	-14.61	-11.72	4.13	-7.59	-5	-2.59
	6895	189	be (20MHz)	SDM	MCS5	-12.03	-11.87	-8.94	1.46	-7.48	-5	-2.48
	6995	209	be (20MHz)	SDM	MCS5	-12.13	-11.73	-8.91	1.46	-7.46	-5	-2.46
	7115	233	be (20MHz)	SDM	MCS0	-12.80	-11.93	-9.33	1.46	-7.87	-5	-2.87
	6885	187	be (40MHz)	SDM	MCS3	-12.80	-12.21	-9.48	1.46	-8.02	-5	-3.02
	7005	211	be (40MHz)	SDM	MCS3	-11.90	-12.21	-9.04	1.46	-7.58	-5	-2.58
	7085	227	be (40MHz)	SDM	MCS0	-11.77	-11.35	-8.55	1.46	-7.09	-5	-2.09
	6945	199	be (80MHz)	SDM	MCS3	-11.40	-11.62	-8.50	1.46	-7.04	-5	-2.04
	7025	215	be (80MHz)	SDM	MCS5	-11.78	-11.48	-8.62	1.46	-7.16	-5	-2.16
	6985	207	be (160MHz)	SDM	MCS5	-12.32	-12.22	-9.26	1.46	-7.80	-5	-2.80

Table 7-34. Power Spectral Density Measurements CDD/SDM Diversity

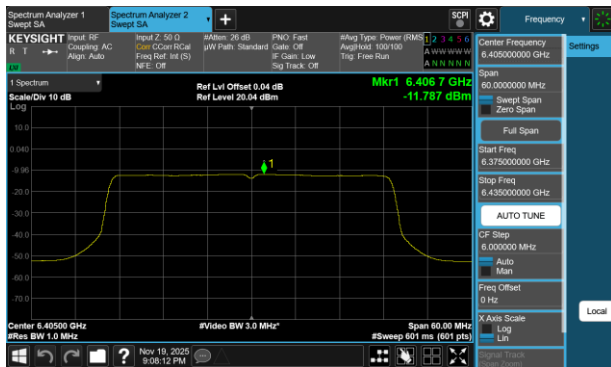
FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 65 of 197



Plot 7-129 PSD CDD Diversity Antenna 3c (20MHz BW 802.11a - Ch.93)



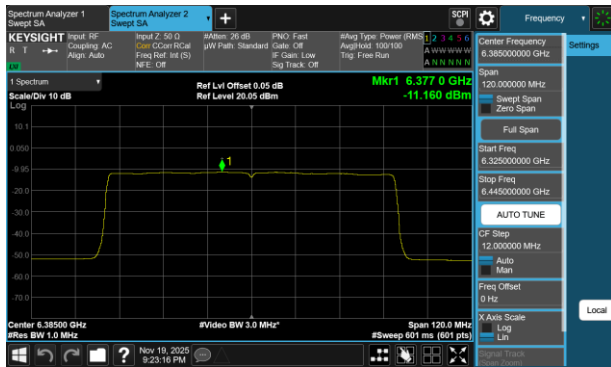
Plot 7-133 PSD CDD Diversity Antenna 1b (20MHz BW 802.11a - Ch.93)



Plot 7-130 PSD CDD Diversity Antenna 3c (40MHz BW 802.11be(SU) - Ch.91)



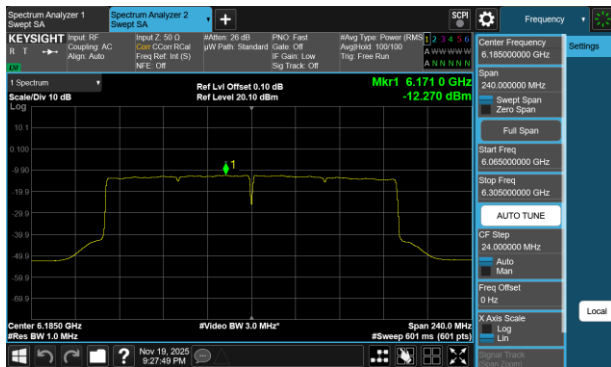
Plot 7-134 PSD CDD Diversity Antenna 1b (40MHz BW 802.11be(SU) - Ch.91)



Plot 7-131 PSD CDD Diversity Antenna 3c (80MHz BW 802.11be(SU) - Ch.87)



Plot 7-135 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(SU) - Ch.87)

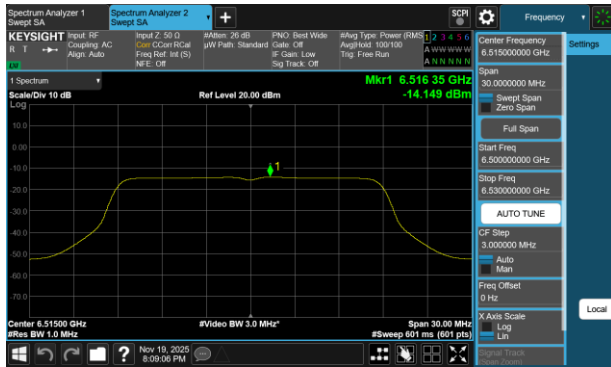


Plot 7-132 PSD CDD Diversity Antenna 3c (160MHz BW 802.11be(SU) - Ch.47)

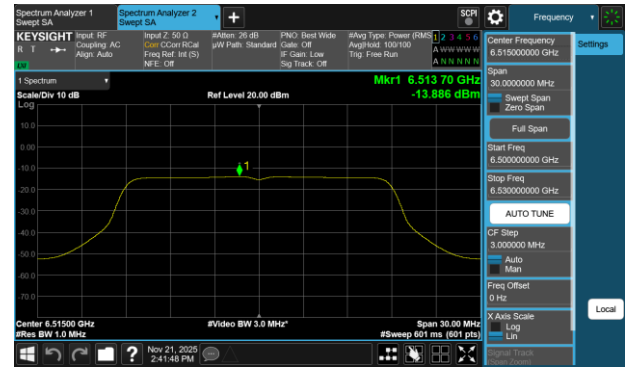


Plot 7-136 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(SU) - Ch.47)

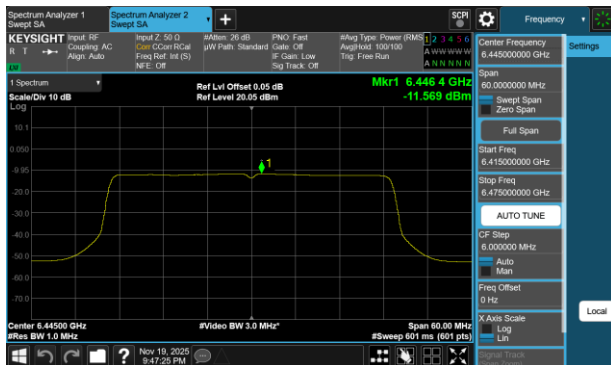
FCC ID: BCGA3460 IC: 579C-A3460	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 66 of 197



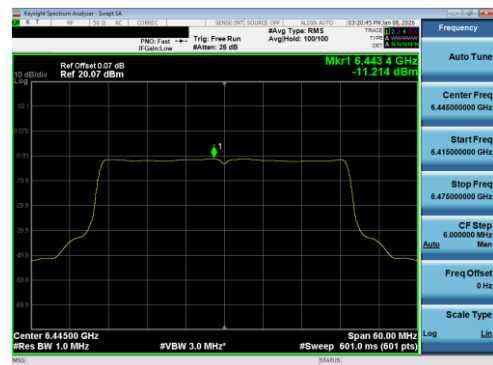
Plot 7-137 PSD CDD Diversity Antenna 3c (20MHz BW 802.11a - Ch.113)



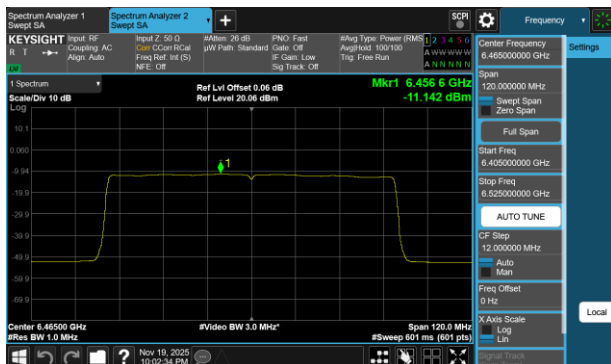
Plot 7-141 PSD CDD Diversity Antenna 1b (20MHz BW 802.11a - Ch.113)



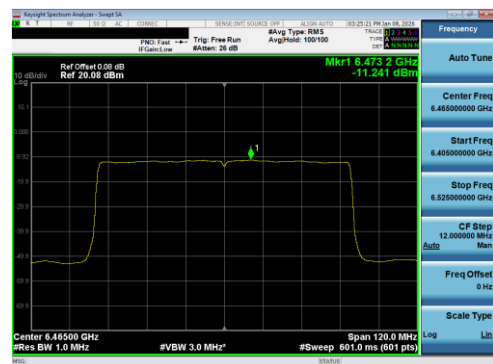
Plot 7-138 PSD CDD Diversity Antenna 3c (40MHz BW 802.11be(SU) - Ch.99)



Plot 7-142 PSD CDD Diversity Antenna 1b (40MHz BW 802.11be(SU) - Ch.99)



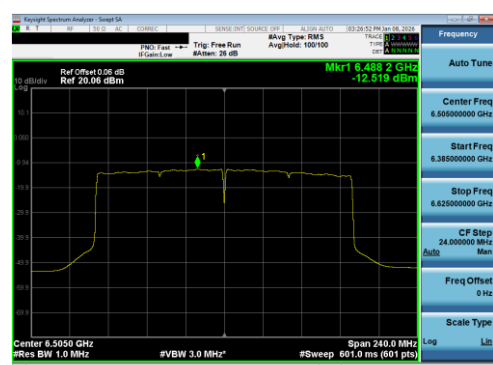
Plot 7-139 PSD CDD Diversity Antenna 3c (80MHz BW 802.11be(SU) - Ch.103)



Plot 7-143 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(SU) - Ch.103)

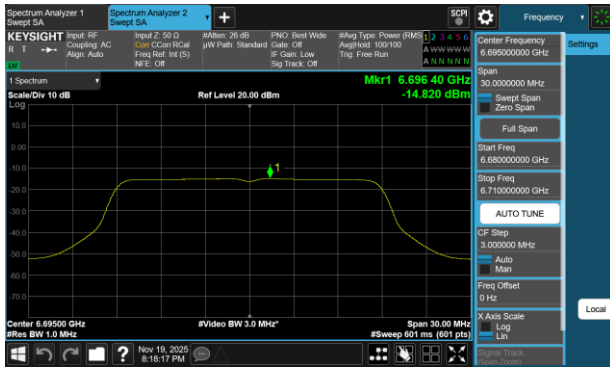


Plot 7-140 PSD CDD Diversity Antenna 3c (160MHz BW 802.11be(SU) - Ch.111)

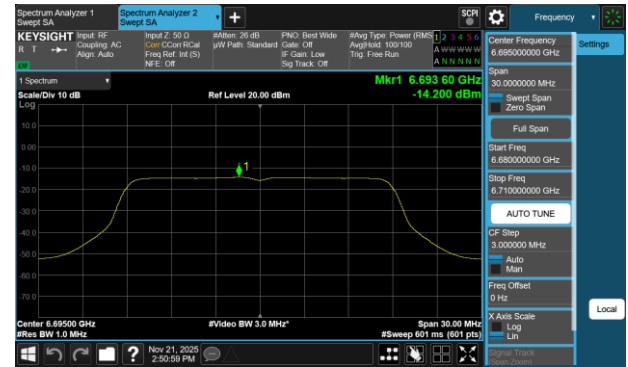


Plot 7-144 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(SU) - Ch.111)

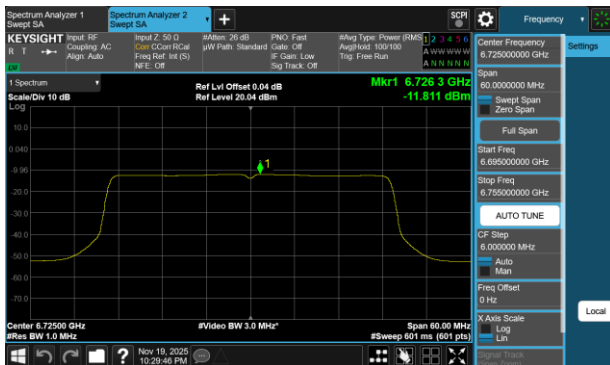
FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG			
Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device		Page 67 of 197



Plot 7-145 PSD CDD Diversity Antenna 3c (20MHz BW 802.11a - Ch.149)



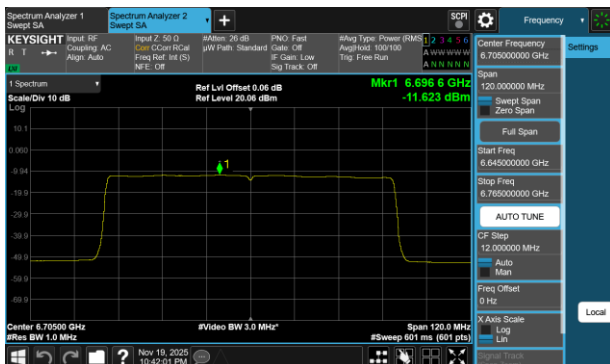
Plot 7-149 PSD CDD Diversity Antenna 1b (20MHz BW 802.11a - Ch.149)



Plot 7-146 PSD CDD Diversity Antenna 3c (40MHz BW 802.11be(SU) - Ch.155)



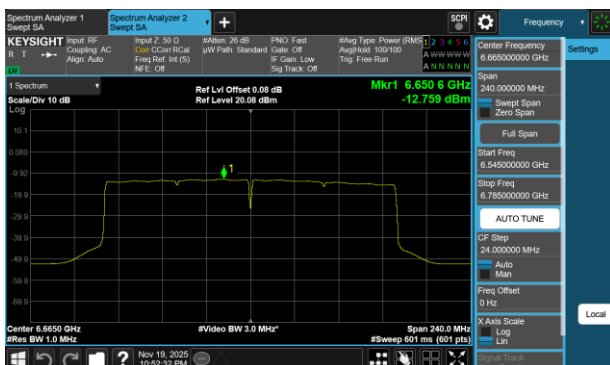
Plot 7-150 PSD CDD Diversity Antenna 1b (40MHz BW 802.11be(SU) - Ch.155)



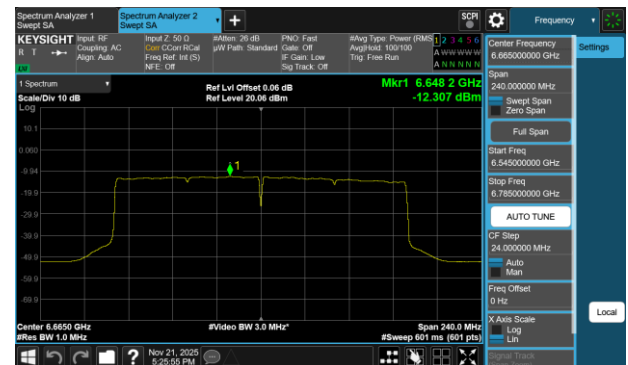
Plot 7-147 PSD CDD Diversity Antenna 3c (80MHz BW 802.11be(SU) - Ch.151)



Plot 7-151 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(SU) - Ch.151)

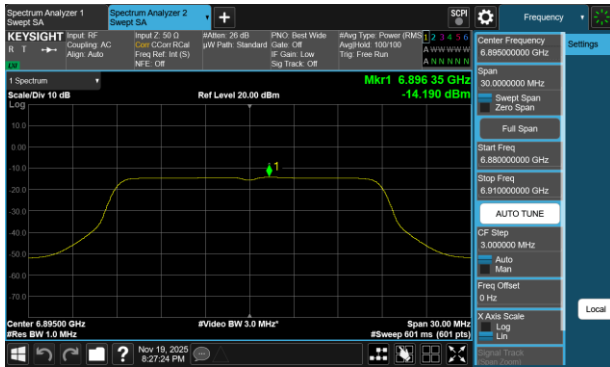


Plot 7-148 PSD CDD Diversity Antenna 3c (160MHz BW 802.11be(SU) - Ch.143)

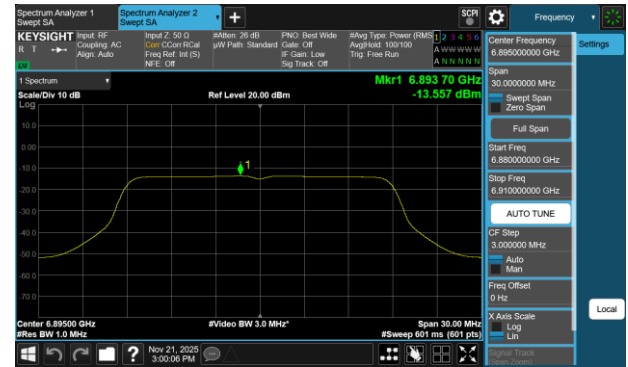


Plot 7-152 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(SU) - Ch.143)

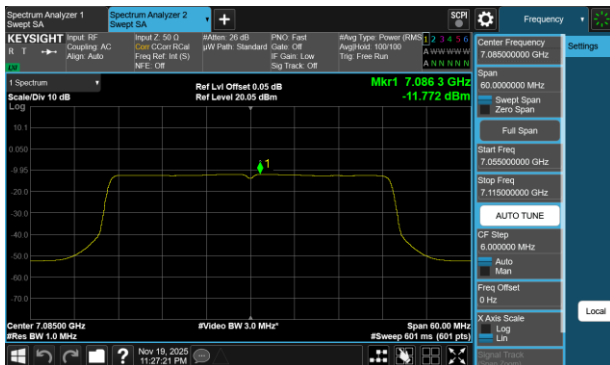
FCC ID: BCGA3460 IC: 579C-A3460	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 68 of 197



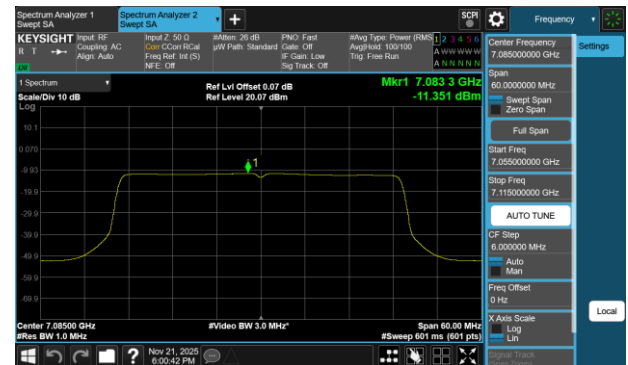
Plot 7-153 PSD CDD Diversity Antenna 3c (20MHz BW 802.11a - Ch.189)



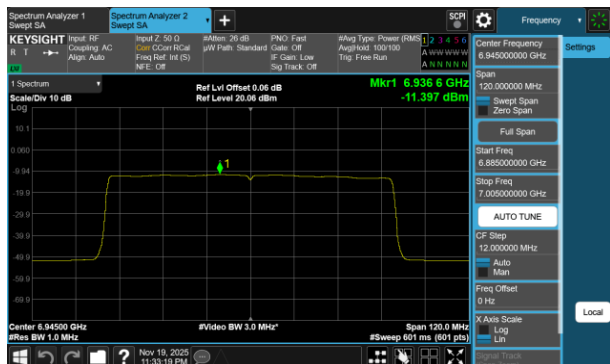
Plot 7-157 PSD CDD Diversity Antenna 1b (20MHz BW 802.11a - Ch.189)



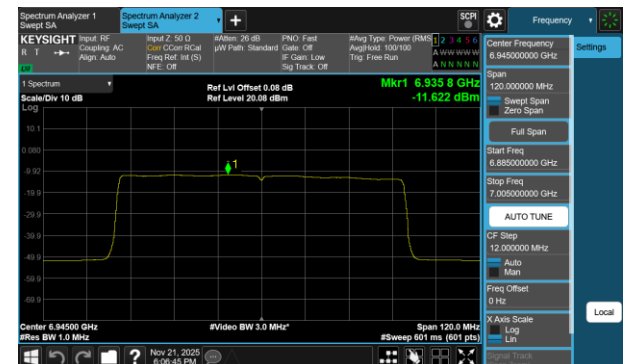
Plot 7-154 PSD CDD Diversity Antenna 3c (40MHz BW 802.11be(SU) - Ch.227)



Plot 7-158 PSD CDD Diversity Antenna 1b (40MHz BW 802.11be(SU) - Ch.227)



Plot 7-155 PSD CDD Diversity Antenna 3c (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-159 PSD CDD Diversity Antenna 1b (80MHz BW 802.11be(SU) - Ch.199)



Plot 7-156 PSD CDD Diversity Antenna 3c (160MHz BW 802.11be(SU) - Ch.207)



Plot 7-160 PSD CDD Diversity Antenna 1b (160MHz BW 802.11be(SU) - Ch.207)

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 69 of 197

Note:

Per ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 Section 14.5.2.2 and KDB 662911 v02r01 Section E)2), the power spectral density at Antenna 3c and Antenna 3a were first measured separately as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Sample Directional Gain Calculation:

For correlated signals, assuming the antenna gain is 1.9 dBi for Antenna 3c and 0.5 dBi for Antenna 3a.

$$\begin{aligned}\text{Directional gain} &= 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{1.9/20} + 10^{0.5/20})^2 / 2] \text{ dBi} \\ &= 4.24 \text{ dBi}\end{aligned}$$

For uncorrelated signals, assuming the antenna gain is 1.9 dBi for Antenna 3c and 0.5 dBi for Antenna 3a.

$$\begin{aligned}\text{Directional gain} &= 10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{1.9/10} + 10^{0.5/10}) / 2] \text{ dBi} \\ &= 1.26 \text{ dBi}\end{aligned}$$

Sample SDM Calculation:

At 6115MHz in 802.11be (20MHz BW) mode, the average conducted power spectral density was measured to be -11.55 dBm for Antenna 3c and -11.89 dBm for Antenna 3a.

$$\text{Antenna 3c} + \text{Antenna 3a} = \text{CDD/SDM}$$

$$(-11.55 \text{ dBm} + -11.89 \text{ dBm}) = (0.069 \text{ mW} + 0.065 \text{ mW}) = 0.138 \text{ mW} = -8.70 \text{ dBm}$$

Sample e.i.r.p Power Spectral Density Calculation:

At 6115MHz in 802.11be (20MHz BW) mode, the average SDM power density was calculated to be -8.70 dBm with directional gain of 1.26 dBi.

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

$$-8.70 \text{ dBm} + 1.26 \text{ dBi} = -7.45 \text{ dBm}$$

FCC ID: BCGA3460 IC: 579C-A3460		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 70 of 197

V 11.0 05/2025

7.5 In-Band Emissions

§15.407(b)(7); RSS-248[4.6.2]

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 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 and KDB 789033 D02 v02r01, and at the appropriate frequencies.

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

Test Procedure Used

ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024 – Section 12.4.2.2
KDB 987594 D02 v03 – Section J

Test Settings

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.6.2 of ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10:2020 + COR. 1:2023 + C63.10A:2024 + ERRATA TO C63.10A:2024. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - i) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - j) Suppressed by 28 dB at one channel bandwidth from the channel center.
 - k) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

FCC ID: BCGA3460 IC: 579C-A3460			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device		Page 71 of 197

V 11.0 05/2025

Test Setup

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



Figure 7-4. Test Instrument & Measurement Setup

Test Notes

1. All data rates and channels (low, mid, and high) were investigated. Only the worst-case plots are reported.

FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 72 of 197

7.5.1 Antenna 3c In-Band Emission Measurements – VLP

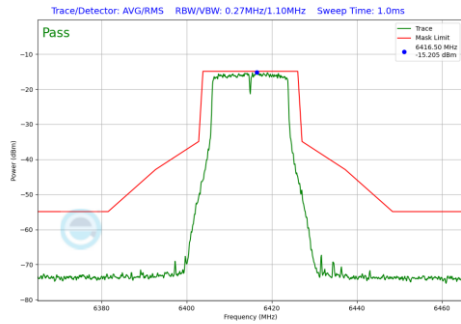
	Frequency [MHz]	Channel No.	802.11 Mode	Data Rate	Antenna 3c In-Band Emission
Band 5	6115	33	a	12Mbps	Pass
	6175	61	a	12Mbps	Pass
	6415	93	a	36Mbps	Pass
	6115	33	be (20MHz)	MCS0	Pass
	6175	61	be (20MHz)	MCS0	Pass
	6415	93	be (20MHz)	MCS5	Pass
	6125	35	be (40MHz)	MCS0	Pass
	6165	59	be (40MHz)	MCS0	Pass
	6405	91	be (40MHz)	MCS3	Pass
	6145	39	be (80MHz)	MCS0	Pass
	6145	55	be (80MHz)	MCS5	Pass
	6385	87	be (80MHz)	MCS0	Pass
	6185	47	be (160MHz)	MCS5	Pass
	6345	79	be (160MHz)	MCS5	Pass
Band 6	6435	97	a	12Mbps	Pass
	6475	105	a	12Mbps	Pass
	6515	113	a	12Mbps	Pass
	6345	97	be (20MHz)	MCS3	Pass
	6475	105	be (20MHz)	MCS3	Pass
	6515	113	be (20MHz)	MCS5	Pass
	6445	99	be (40MHz)	MCS0	Pass
	6485	107	be (40MHz)	MCS3	Pass
	6525	115	be (40MHz)	MCS0	Pass
	6465	103	be (80MHz)	MCS5	Pass
Band 7	6505	111	be (160MHz)	MCS5	Pass
	6535	117	a	36Mbps	Pass
	6695	149	a	12Mbps	Pass
	6875	185	a	12Mbps	Pass
	6535	117	be (20MHz)	MCS3	Pass
	6695	149	be (20MHz)	MCS3	Pass
	6875	185	be (20MHz)	MCS3	Pass
	6565	123	be (40MHz)	MCS3	Pass
	6725	155	be (40MHz)	MCS0	Pass
	6885	179	be (40MHz)	MCS0	Pass
	6545	119	be (80MHz)	MCS0	Pass
	6705	151	be (80MHz)	MCS3	Pass
	6865	183	be (80MHz)	MCS0	Pass
	6665	143	be (160MHz)	MCS5	Pass
Band 8	6825	175	be (160MHz)	MCS5	Pass
	6895	189	a	12Mbps	Pass
	6995	209	a	12Mbps	Pass
	7115	233	a	36Mbps	Pass
	6895	189	be (20MHz)	MCS0	Pass
	6995	209	be (20MHz)	MCS0	Pass
	7115	233	be (20MHz)	MCS0	Pass
	6925	187	be (40MHz)	MCS5	Pass
	7005	211	be (40MHz)	MCS3	Pass
	7085	227	be (40MHz)	MCS3	Pass
	6945	199	be (80MHz)	MCS3	Pass
	7025	215	be (80MHz)	MCS0	Pass
	6985	207	be (160MHz)	MCS5	Pass

Table 7-35. In-Band Emission Measurements Antenna 3c

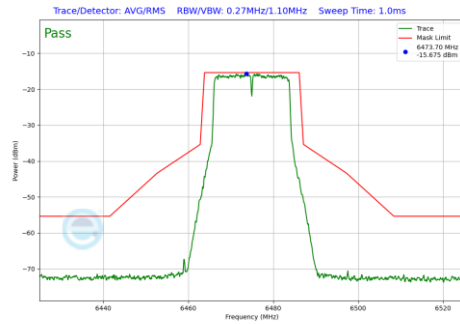
FCC ID: BCGA3460 IC: 579C-A3460	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 73 of 197

V 11.0 05/2025

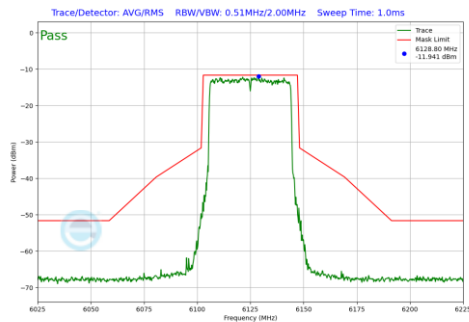
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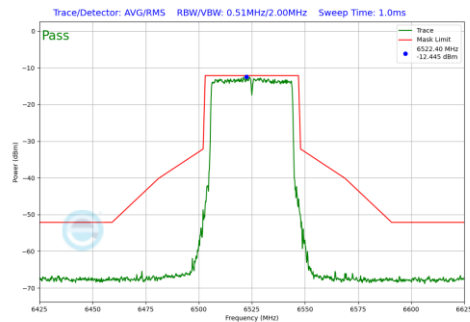
Plot 7-161 In-Band Emission Plot Antenna 3c (20MHz BW 802.11a (UNII Band 5) - Ch.93)



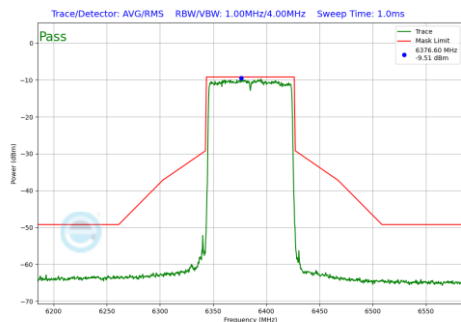
Plot 7-165 In-Band Emission Plot Antenna 3c (20MHz BW 802.11a (UNII Band 6) - Ch.105)



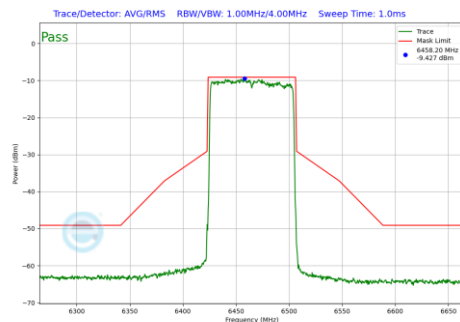
Plot 7-162 In-Band Emission Plot Antenna 3c (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.35)



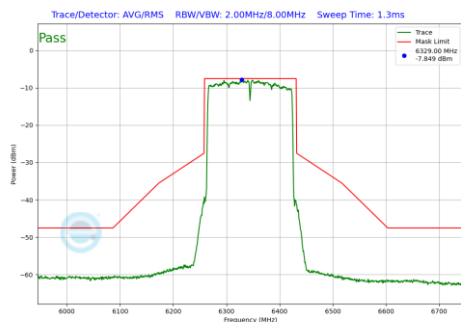
Plot 7-166 In-Band Emission Plot Antenna 3c (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.115)



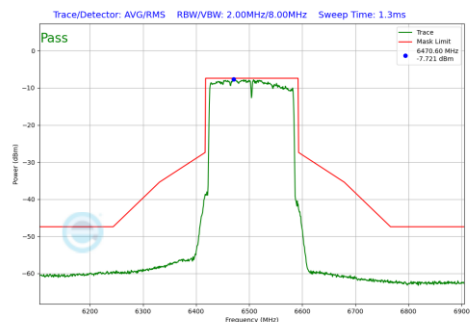
Plot 7-163 In-Band Emission Plot Antenna 3c (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.87)



Plot 7-167 In-Band Emission Plot Antenna 3c (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)



Plot 7-164 In-Band Emission Plot Antenna 3c (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.79)



Plot 7-168 In-Band Emission Plot Antenna 3c (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)

FCC ID: BCGA3460 IC: 579C-A3460			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2509100080-26-R3.BCG	Test Dates: 09/18/2025 - 12/15/2025	EUT Type: Tablet Device	Page 74 of 197	