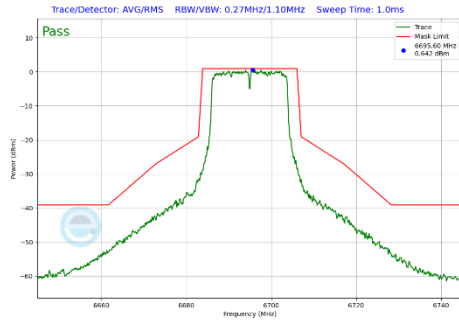
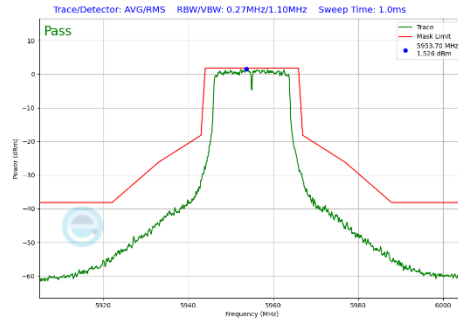
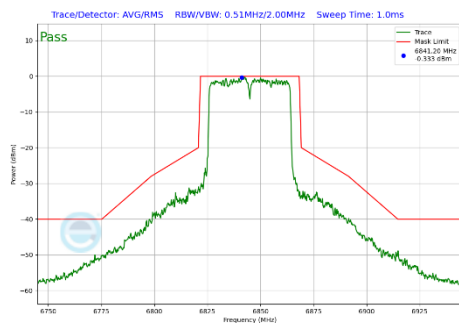




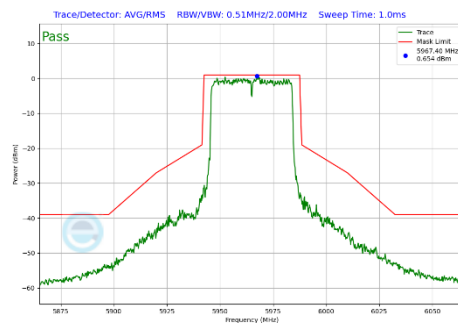
Plot 7-373 In-Band Emission Plot CDD Primary Antenna WF5B (20MHz BW 802.11a (UNII Band 7) - Ch.149)



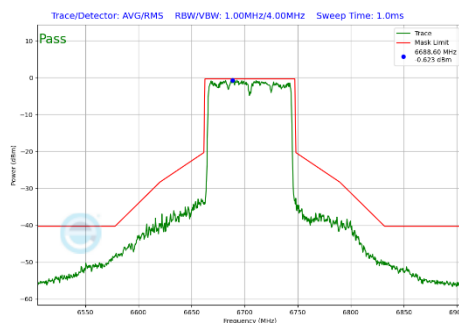
Plot 7-377 In-Band Emission Plot CDD Primary Antenna 4a (20MHz BW 802.11a (UNII Band 5) - Ch.1)



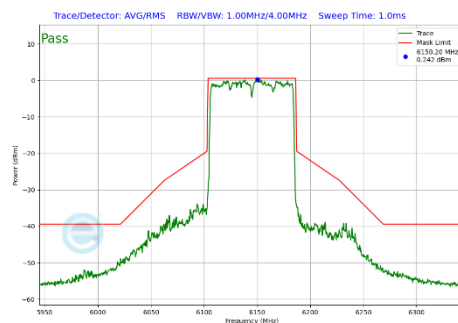
Plot 7-374 In-Band Emission Plot CDD Primary Antenna WF5B (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.179)



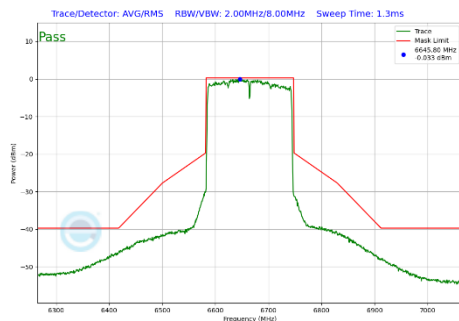
Plot 7-378 In-Band Emission Plot CDD Primary Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.3)



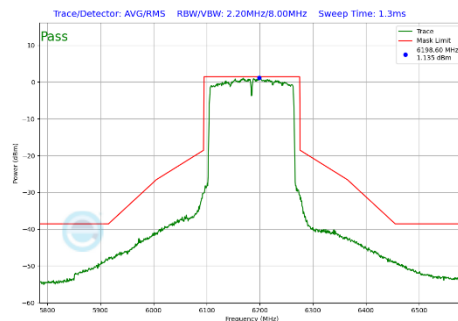
Plot 7-375 In-Band Emission Plot CDD Primary Antenna WF5B (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-379 In-Band Emission Plot CDD Primary Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.39)

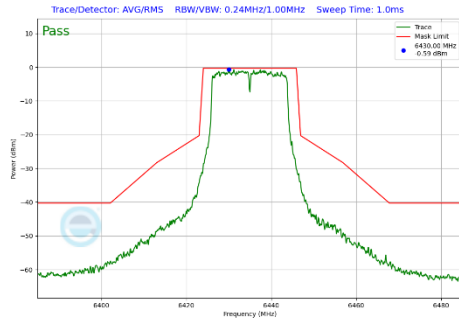


Plot 7-376 In-Band Emission Plot CDD Primary Antenna WF5B (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)

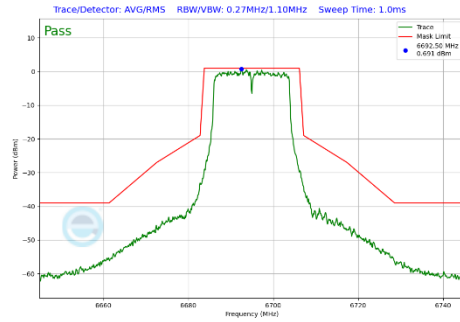


Plot 7-380 In-Band Emission Plot CDD Primary Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.47)

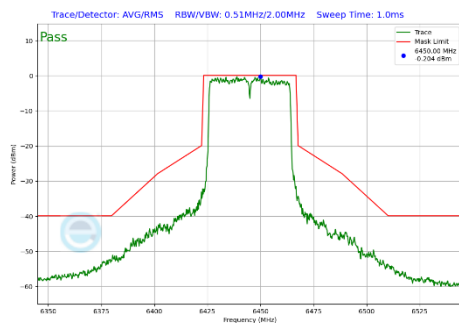
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 129 of 239



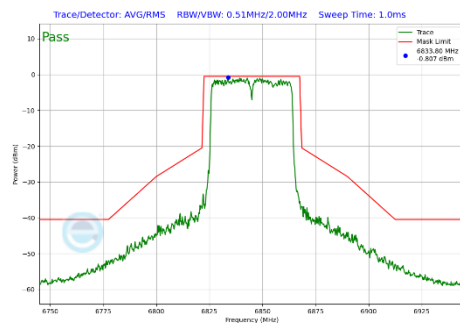
Plot 7-381 In-Band Emission Plot CDD Primary Antenna 4a (20MHz BW 802.11a (UNII Band 6) - Ch.97)



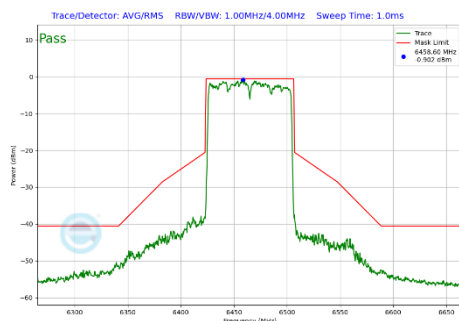
Plot 7-385 In-Band Emission Plot CDD Primary Antenna 4a (20MHz BW 802.11a (UNII Band 7) - Ch.149)



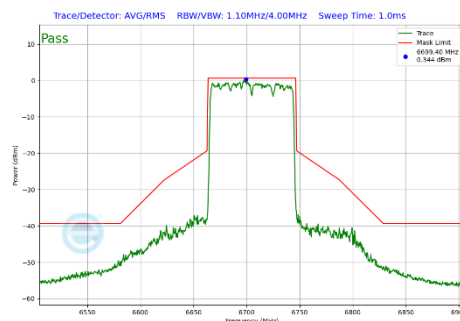
Plot 7-382 In-Band Emission Plot CDD Primary Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.99)



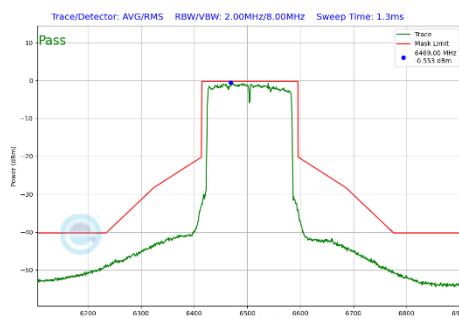
Plot 7-386 In-Band Emission Plot CDD Primary Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.179)



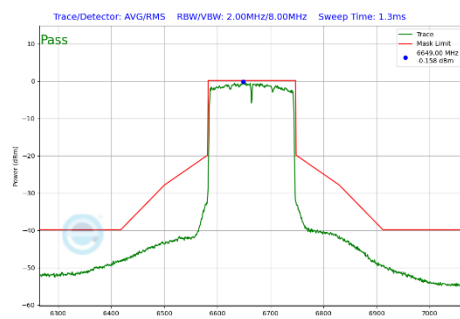
Plot 7-383 In-Band Emission Plot CDD Primary Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)



Plot 7-387 In-Band Emission Plot CDD Primary Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-384 In-Band Emission Plot CDD Primary Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)



Plot 7-388 In-Band Emission Plot CDD Primary Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)

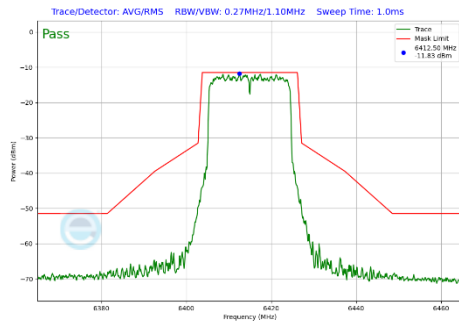
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG			Page 130 of 239
Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		

7.5.8 CDD/SDM Primary In-Band Emission Measurements – LPI

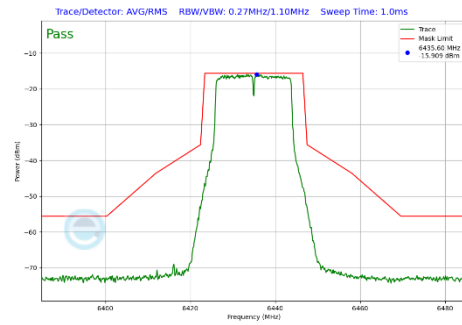
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna WF5B In-Band Emission	Antenna 4a In-Band Emission
Band 5	5955	1	a	CDD	6Mbps	Pass	Pass
	6175	45	a	CDD	36Mbps	Pass	Pass
	6415	93	a	CDD	36Mbps	Pass	Pass
	5955	1	be (20MHz)	SDM	MCS5	Pass	Pass
	6175	45	be (20MHz)	SDM	MCS5	Pass	Pass
	6415	93	be (20MHz)	SDM	MCS5	Pass	Pass
	5965	3	be (40MHz)	SDM	MCS5	Pass	Pass
	6165	43	be (40MHz)	SDM	MCS5	Pass	Pass
	6405	91	be (40MHz)	SDM	MCS5	Pass	Pass
	5985	7	be (80MHz)	SDM	MCS5	Pass	Pass
	6145	39	be (80MHz)	SDM	MCS5	Pass	Pass
	6385	87	be (80MHz)	SDM	MCS5	Pass	Pass
	6025	15	be (160MHz)	SDM	MCS0	Pass	Pass
Band 6	6185	47	be (160MHz)	SDM	MCS3	Pass	Pass
	6345	79	be (160MHz)	SDM	MCS3	Pass	Pass
	6435	97	a	CDD	6Mbps	Pass	Pass
	6475	105	a	CDD	18Mbps	Pass	Pass
	6515	113	a	CDD	18Mbps	Pass	Pass
	6435	97	be (20MHz)	SDM	MCS3	Pass	Pass
	6475	105	be (20MHz)	SDM	MCS3	Pass	Pass
	6515	113	be (20MHz)	SDM	MCS3	Pass	Pass
	6445	99	be (40MHz)	SDM	MCS5	Pass	Pass
	6485	107	be (40MHz)	SDM	MCS5	Pass	Pass
	6525	115	be (40MHz)	SDM	MCS5	Pass	Pass
	6465	103	be (80MHz)	SDM	MCS0	Pass	Pass
	6505	111	be (160MHz)	SDM	MCS5	Pass	Pass
Band 7	6535	117	a	CDD	6Mbps	Pass	Pass
	6695	149	a	CDD	36Mbps	Pass	Pass
	6875	185	a	CDD	36Mbps	Pass	Pass
	6535	117	be (20MHz)	SDM	MCS5	Pass	Pass
	6695	149	be (20MHz)	SDM	MCS5	Pass	Pass
	6875	185	be (20MHz)	SDM	MCS0	Pass	Pass
	6725	155	be (40MHz)	SDM	MCS3	Pass	Pass
	6845	179	be (40MHz)	SDM	MCS5	Pass	Pass
	6545	119	be (80MHz)	SDM	MCS5	Pass	Pass
	6705	151	be (80MHz)	SDM	MCS5	Pass	Pass
	6865	183	be (80MHz)	SDM	MCS5	Pass	Pass
	6665	143	be (160MHz)	SDM	MCS5	Pass	Pass
	6825	175	be (160MHz)	SDM	MCS5	Pass	Pass
Band 8	6895	189	a	CDD	6Mbps	Pass	Pass
	6995	209	a	CDD	36Mbps	Pass	Pass
	7115	233	a	CDD	36Mbps	Pass	Pass
	6895	189	be (20MHz)	SDM	MCS5	Pass	Pass
	6995	209	be (20MHz)	SDM	MCS5	Pass	Pass
	7115	233	be (20MHz)	SDM	MCS5	Pass	Pass
	6885	187	be (40MHz)	SDM	MCS5	Pass	Pass
	7005	211	be (40MHz)	SDM	MCS5	Pass	Pass
	7085	227	be (40MHz)	SDM	MCS5	Pass	Pass
	6945	199	be (80MHz)	SDM	MCS5	Pass	Pass
	7025	215	be (80MHz)	SDM	MCS5	Pass	Pass
	6985	207	be (160MHz)	SDM	MCS5	Pass	Pass

Table 7-75. In-Band Emission Measurements CDD/SDM Primary

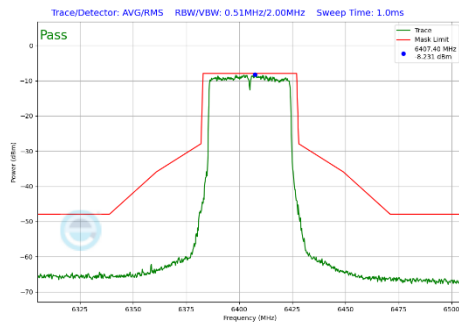
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 131 of 239



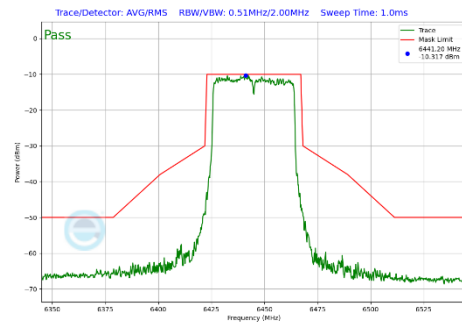
Plot 7-389 In-Band Emission Plot SDM Primary Antenna WF5B (20MHz BW 802.11be(SU) (UNII Band 5) - Ch.93)



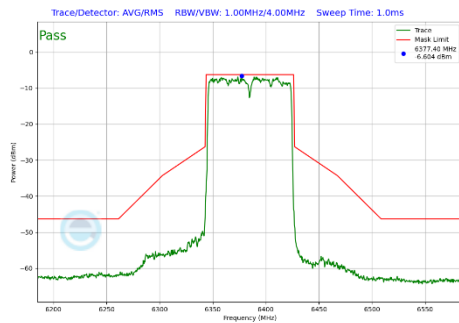
Plot 7-393 In-Band Emission Plot CDD Primary Antenna WF5B (20MHz BW 802.11a (UNII Band 6) - Ch.97)



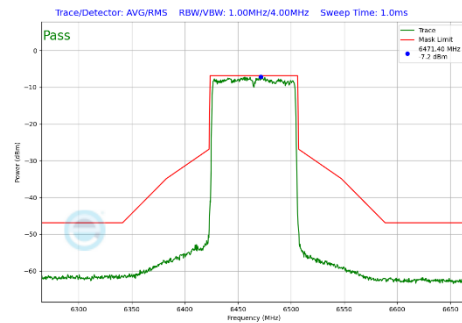
Plot 7-390 In-Band Emission Plot SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.91)



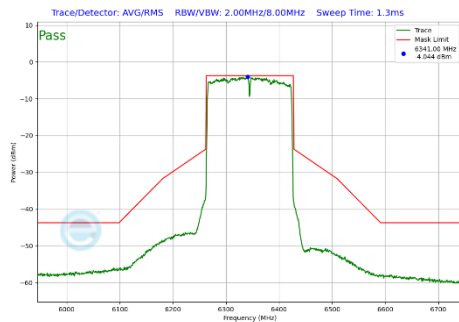
Plot 7-394 In-Band Emission Plot SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.99)



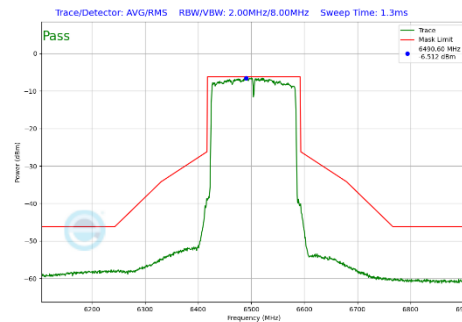
Plot 7-391 In-Band Emission Plot SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.87)



Plot 7-395 In-Band Emission Plot SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)

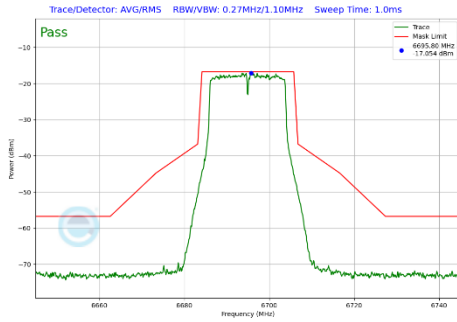


Plot 7-392 In-Band Emission Plot SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.79)

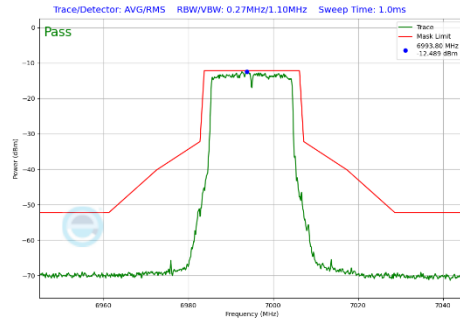


Plot 7-396 In-Band Emission Plot SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)

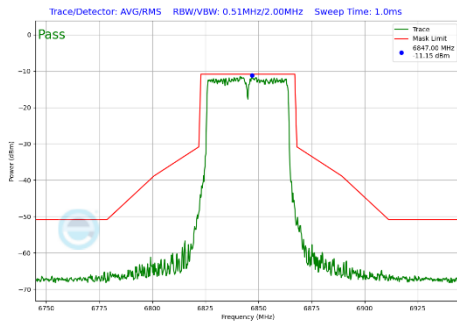
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 132 of 239



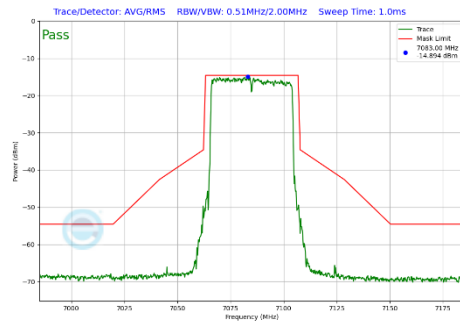
Plot 7-397 In-Band Emission Plot CDD Primary Antenna WF5B (20MHz BW 802.11a (UNII Band 7) - Ch.149)



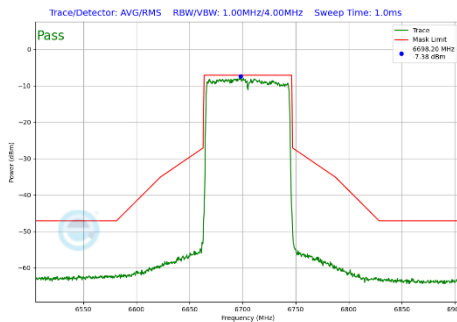
Plot 7-401 In-Band Emission Plot SDM Primary Antenna WF5B (20MHz BW 802.11be(SU) (UNII Band 8) - Ch.209)



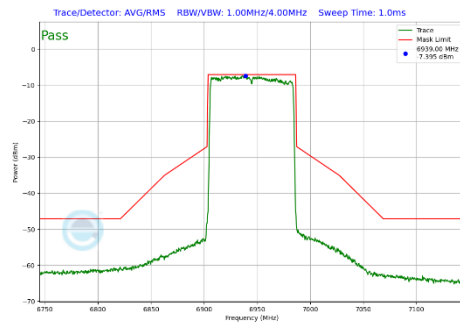
Plot 7-398 In-Band Emission Plot SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.179)



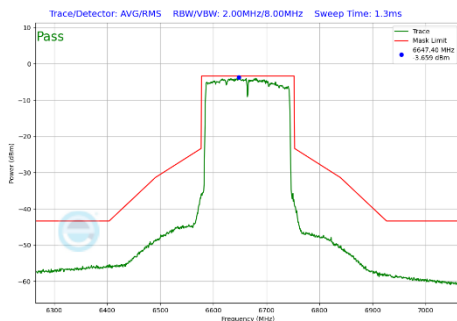
Plot 7-402 In-Band Emission Plot SDM Primary Antenna WF5B (40MHz BW 802.11be(SU) (UNII Band 8) - Ch.227)



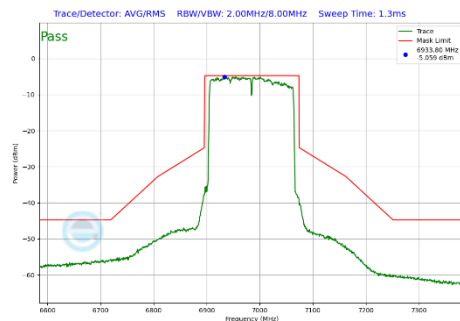
Plot 7-399 In-Band Emission Plot SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-403 In-Band Emission Plot SDM Primary Antenna WF5B (80MHz BW 802.11be(SU) (UNII Band 8) - Ch.199)

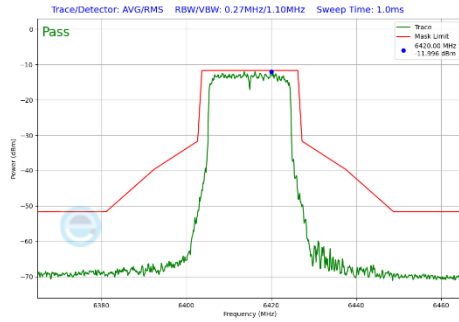


Plot 7-400 In-Band Emission Plot SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)

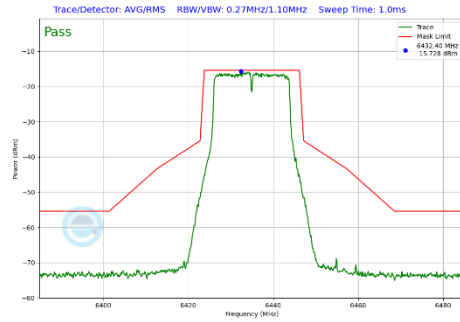


Plot 7-404 In-Band Emission Plot SDM Primary Antenna WF5B (160MHz BW 802.11be(SU) (UNII Band 8) - Ch.207)

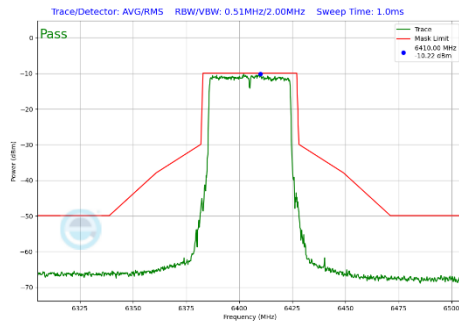
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 133 of 239	



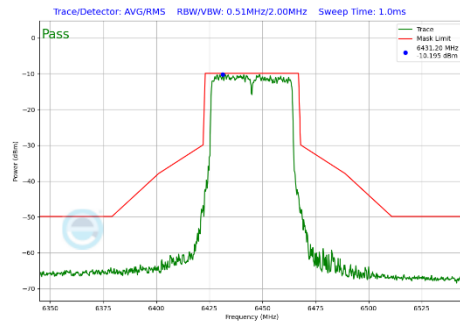
Plot 7-405 In-Band Emission Plot SDM Primary Antenna 4a (20MHz BW 802.11be(SU) (UNII Band 5) - Ch.93)



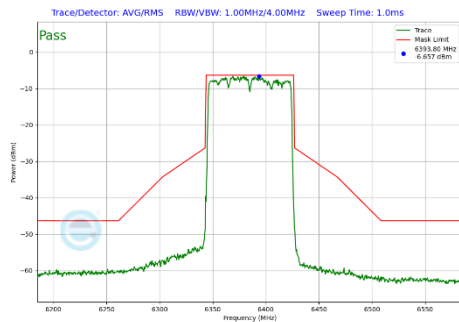
Plot 7-409 In-Band Emission Plot CDD Primary Antenna 4a (20MHz BW 802.11a (UNII Band 6) - Ch.97)



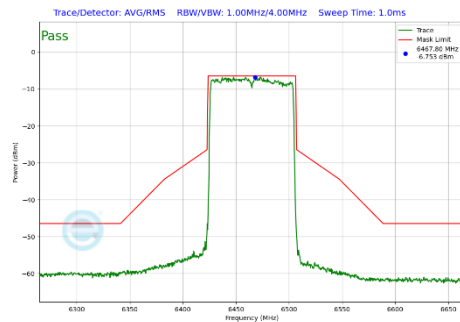
Plot 7-406 In-Band Emission Plot SDM Primary Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.91)



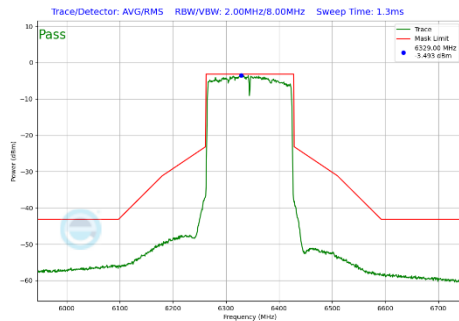
Plot 7-410 In-Band Emission Plot SDM Primary Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.99)



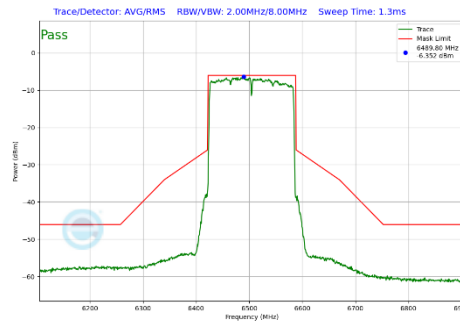
Plot 7-407 In-Band Emission Plot SDM Primary Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.87)



Plot 7-411 In-Band Emission Plot SDM Primary Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)

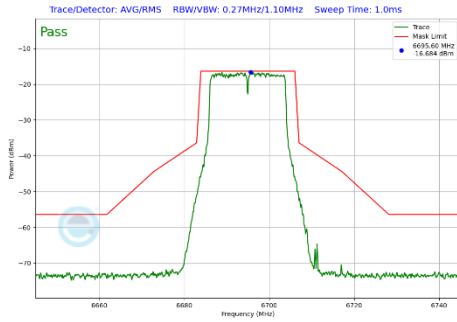


Plot 7-408 In-Band Emission Plot SDM Primary Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.79)

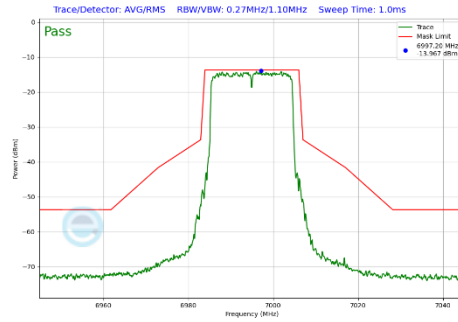


Plot 7-412 In-Band Emission Plot SDM Primary Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)

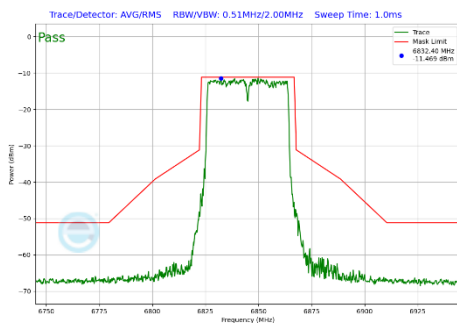
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 134 of 239



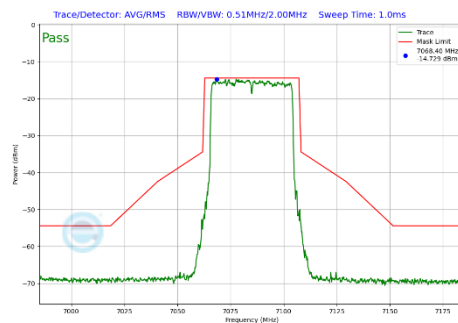
Plot 7-413 In-Band Emission Plot CDD Primary Antenna 4a (20MHz BW 802.11a (UNII Band 7) - Ch.149)



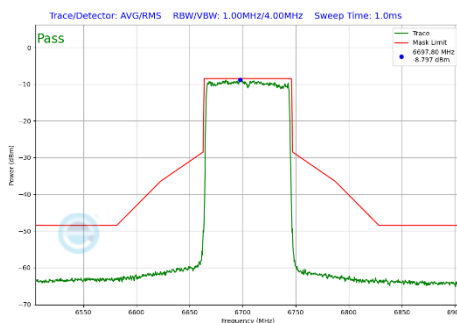
Plot 7-417 In-Band Emission Plot SDM Primary Antenna 4a (20MHz BW 802.11be(SU) (UNII Band 8) - Ch.209)



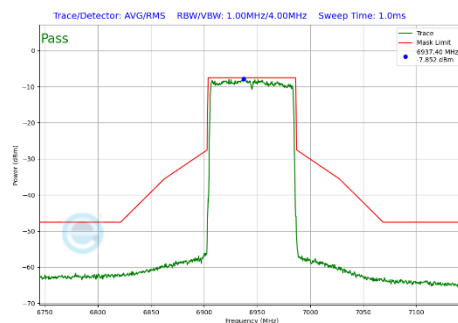
Plot 7-414 In-Band Emission Plot SDM Primary Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.179)



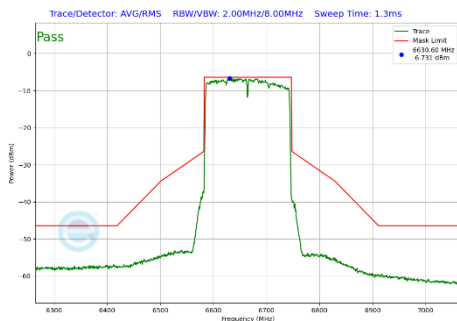
Plot 7-418 In-Band Emission Plot SDM Primary Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 8) - Ch.227)



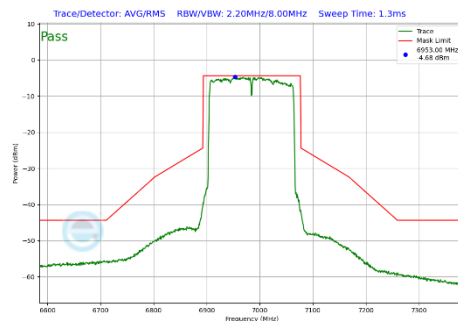
Plot 7-415 In-Band Emission Plot SDM Primary Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-419 In-Band Emission Plot SDM Primary Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 8) - Ch.199)



Plot 7-416 In-Band Emission Plot SDM Primary Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)



Plot 7-420 In-Band Emission Plot SDM Primary Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 8) - Ch.207)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 135 of 239

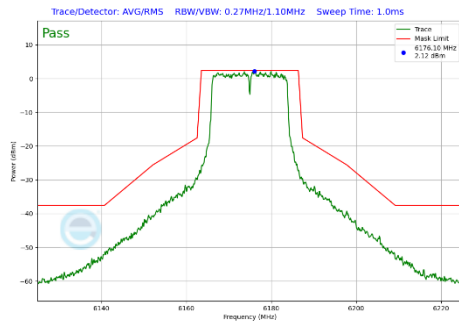
7.5.10 CDD Diversity In-Band Emission Measurements – SP

	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna 4a In-Band Emission	Antenna 2a In-Band Emission
Band 5	5955	1	a	CDD	36Mbps	Pass	Pass
	6175	45	a	CDD	36Mbps	Pass	Pass
	6415	93	a	CDD	36Mbps	Pass	Pass
	5955	1	be (20MHz)	CDD	MCS3	Pass	Pass
	6175	45	be (20MHz)	CDD	MCS5	Pass	Pass
	6415	93	be (20MHz)	CDD	MCS3	Pass	Pass
	5965	3	be (40MHz)	CDD	MCS5	Pass	Pass
	6165	43	be (40MHz)	CDD	MCS5	Pass	Pass
	6405	91	be (40MHz)	CDD	MCS5	Pass	Pass
	5985	7	be (80MHz)	CDD	MCS5	Pass	Pass
	6145	39	be (80MHz)	CDD	MCS5	Pass	Pass
	6385	87	be (80MHz)	CDD	MCS5	Pass	Pass
	6025	15	be (160MHz)	CDD	MCS5	Pass	Pass
	6185	47	be (160MHz)	CDD	MCS5	Pass	Pass
	6345	79	be (160MHz)	CDD	MCS3	Pass	Pass
Band 6	6435	97	a	CDD	36Mbps	Pass	Pass
	6475	105	a	CDD	36Mbps	Pass	Pass
	6515	113	a	CDD	36Mbps	Pass	Pass
	6435	97	be (20MHz)	CDD	MCS5	Pass	Pass
	6475	105	be (20MHz)	CDD	MCS5	Pass	Pass
	6515	113	be (20MHz)	CDD	MCS5	Pass	Pass
	6445	99	be (40MHz)	CDD	MCS5	Pass	Pass
	6485	107	be (40MHz)	CDD	MCS5	Pass	Pass
	6525	115	be (40MHz)	CDD	MCS3	Pass	Pass
	6465	103	be (80MHz)	CDD	MCS5	Pass	Pass
Band 7	6505	111	be (160MHz)	CDD	MCS3	Pass	Pass
	6535	117	a	CDD	18Mbps	Pass	Pass
	6695	149	a	CDD	36Mbps	Pass	Pass
	6855	181	a	CDD	36Mbps	Pass	Pass
	6535	117	be (20MHz)	CDD	MCS5	Pass	Pass
	6695	149	be (20MHz)	CDD	MCS3	Pass	Pass
	6855	181	be (20MHz)	CDD	MCS3	Pass	Pass
	6725	155	be (40MHz)	CDD	MCS5	Pass	Pass
	6845	179	be (40MHz)	CDD	MCS5	Pass	Pass
	6545	119	be (80MHz)	CDD	MCS5	Pass	Pass
	6705	151	be (80MHz)	CDD	MCS5	Pass	Pass
	6785	167	be (80MHz)	CDD	MCS5	Pass	Pass
	6665	143	be (160MHz)	CDD	MCS3	Pass	Pass

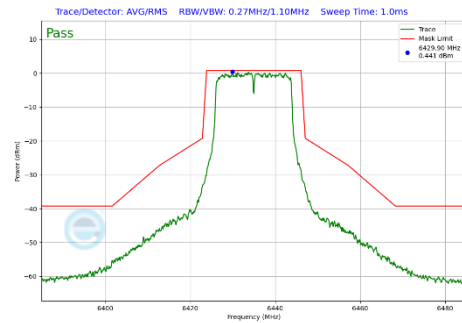
Table 7-76. In-Band Emission Measurements CDD Diversity

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 136 of 239

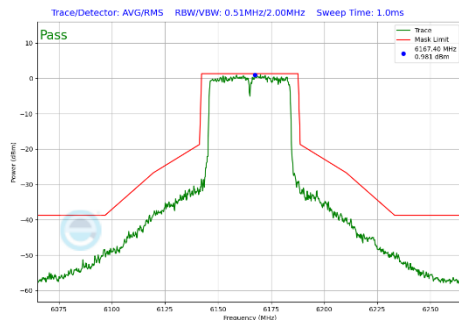
V 11.0 5/2025



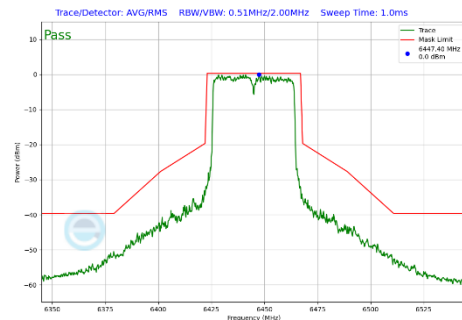
Plot 7-421 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11a (UNII Band 5) - Ch.45)



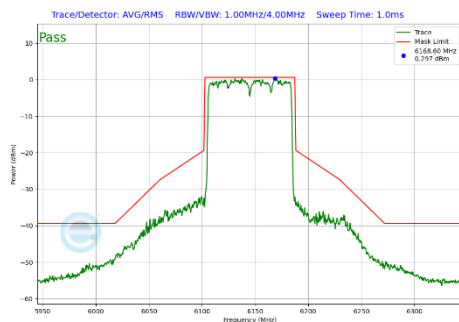
Plot 7-425 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11a (UNII Band 6) - Ch.97)



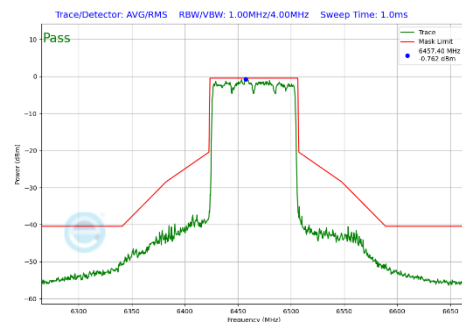
Plot 7-422 In-Band Emission Plot CDD Diversity Antenna 2a (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.43)



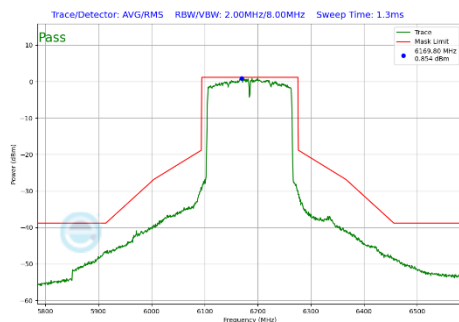
Plot 7-426 In-Band Emission Plot CDD Diversity Antenna 2a (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.99)



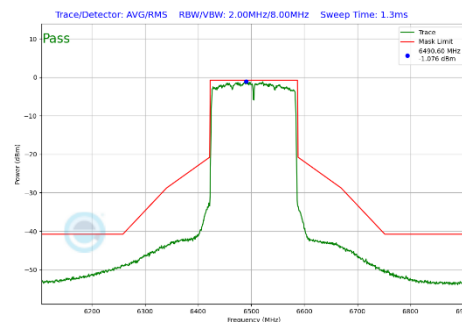
Plot 7-423 In-Band Emission Plot CDD Diversity Antenna 2a (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.39)



Plot 7-427 In-Band Emission Plot CDD Diversity Antenna 2a (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)

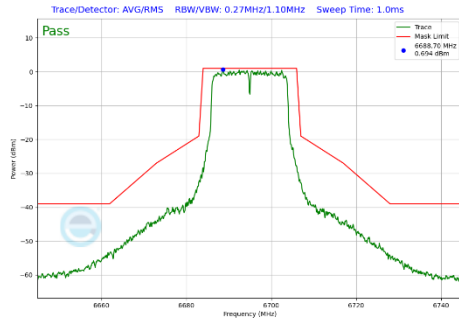


Plot 7-424 In-Band Emission Plot CDD Diversity Antenna 2a (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.47)

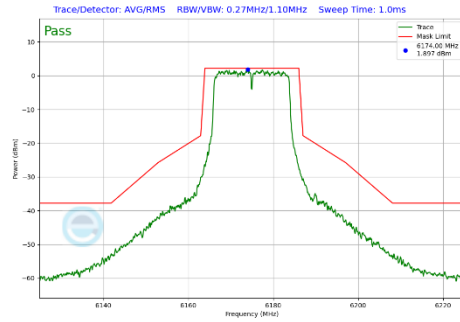


Plot 7-428 In-Band Emission Plot CDD Diversity Antenna 2a (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)

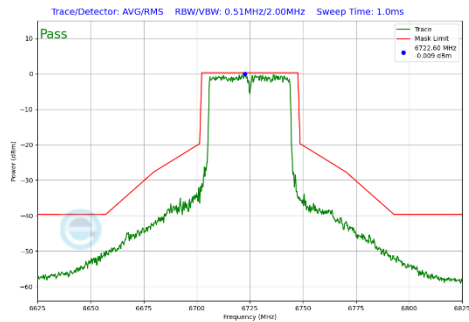
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 137 of 239



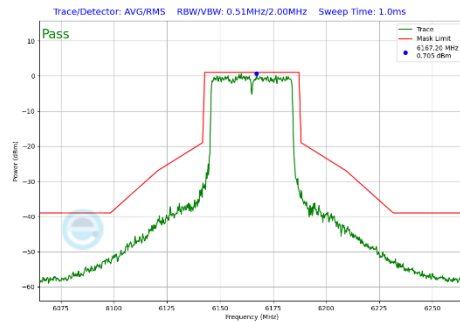
Plot 7-429 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11a (UNII Band 7) - Ch.149)



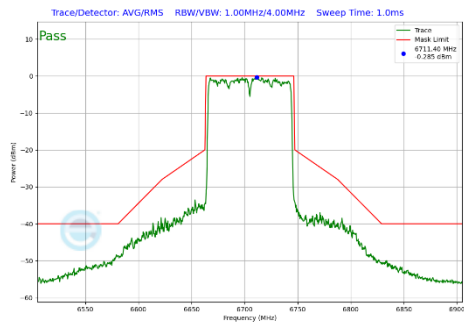
Plot 7-433 In-Band Emission Plot CDD Diversity Antenna 4a (20MHz BW 802.11a (UNII Band 5) - Ch.45)



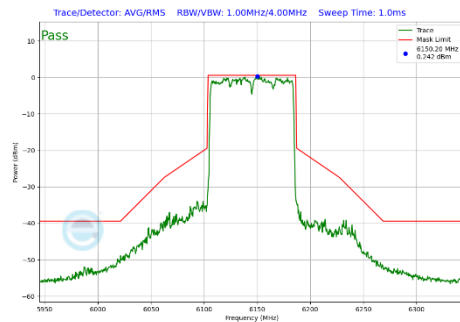
Plot 7-430 In-Band Emission Plot CDD Diversity Antenna 2a (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.155)



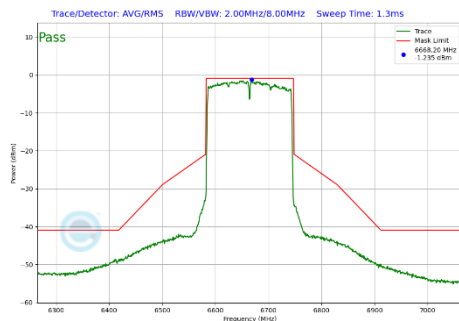
Plot 7-434 In-Band Emission Plot CDD Diversity Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.43)



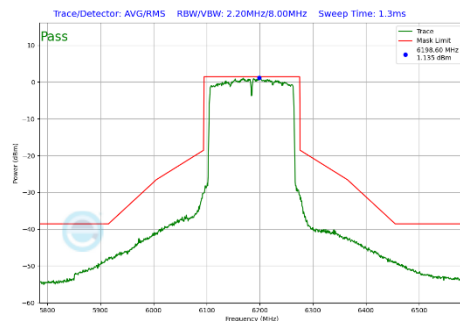
Plot 7-431 In-Band Emission Plot CDD Diversity Antenna 2a (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-435 In-Band Emission Plot CDD Diversity Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.39)

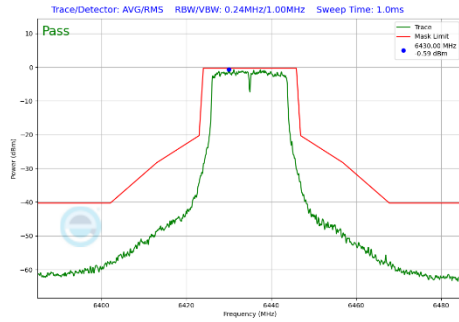


Plot 7-432 In-Band Emission Plot CDD Diversity Antenna 2a (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)

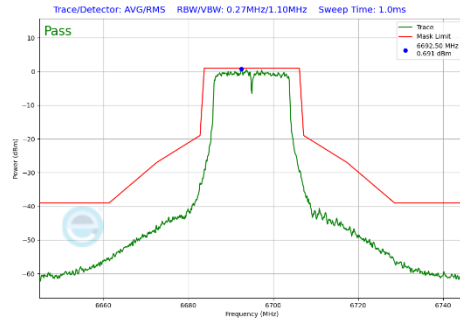


Plot 7-436 In-Band Emission Plot CDD Diversity Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.47)

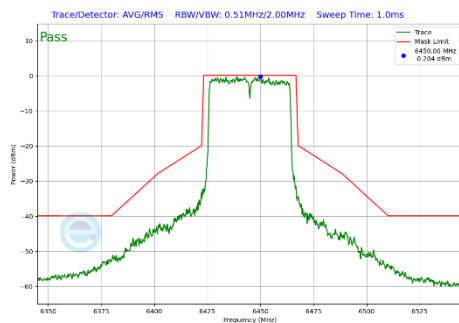
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 138 of 239	



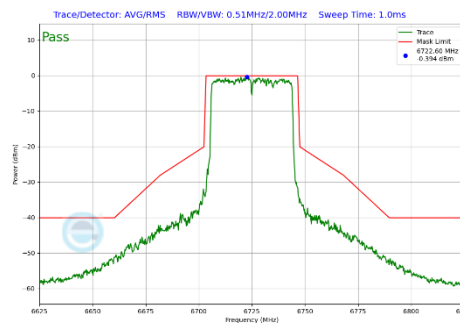
Plot 7-437 In-Band Emission Plot CDD Diversity Antenna 4a (20MHz BW 802.11a (UNII Band 6) - Ch.97)



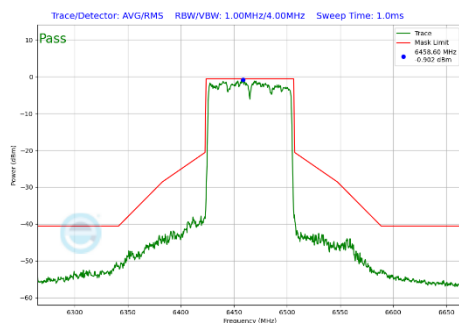
Plot 7-441 In-Band Emission Plot CDD Diversity Antenna 4a (20MHz BW 802.11a (UNII Band 7) - Ch.149)



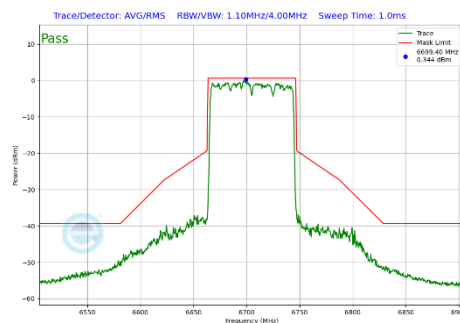
Plot 7-438 In-Band Emission Plot CDD Diversity Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.99)



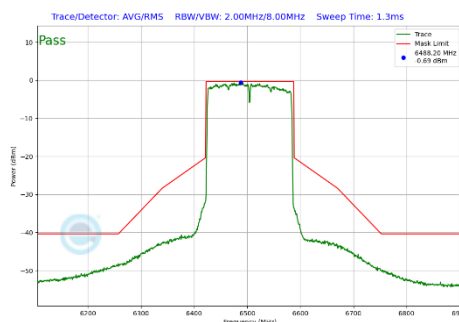
Plot 7-442 In-Band Emission Plot CDD Diversity Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.155)



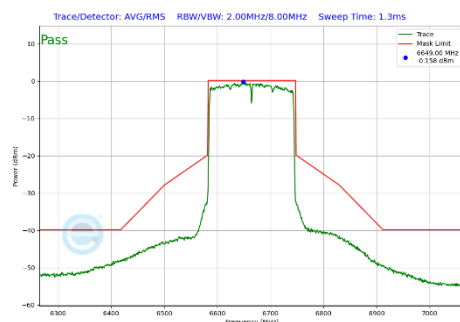
Plot 7-439 In-Band Emission Plot CDD Diversity Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)



Plot 7-443 In-Band Emission Plot CDD Diversity Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-440 In-Band Emission Plot CDD Diversity Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)



Plot 7-444 In-Band Emission Plot CDD Diversity Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)

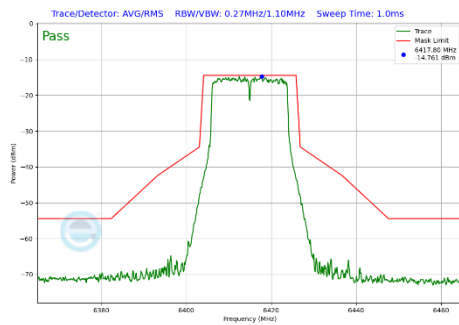
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG			Page 139 of 239
Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		

7.5.11 CDD/SDM Diversity In-Band Emission Measurements – LPI

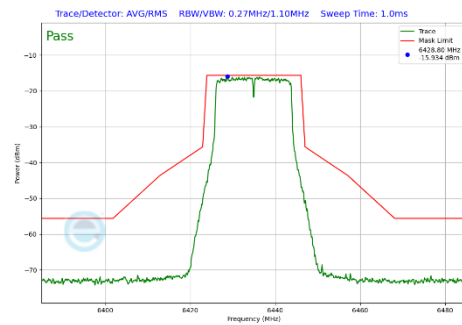
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	Data Rate	Antenna 4a In-Band Emission	Antenna 2a In-Band Emission
Band 5	5955	1	a	CDD	36Mbps	Pass	Pass
	6175	45	a	CDD	36Mbps	Pass	Pass
	6415	93	a	CDD	36Mbps	Pass	Pass
	5955	1	be (20MHz)	SDM	MCS5	Pass	Pass
	6175	45	be (20MHz)	SDM	MCS5	Pass	Pass
	6415	93	be (20MHz)	SDM	MCS5	Pass	Pass
	5965	3	be (40MHz)	SDM	MCS5	Pass	Pass
	6165	43	be (40MHz)	SDM	MCS5	Pass	Pass
	6405	91	be (40MHz)	SDM	MCS5	Pass	Pass
	5985	7	be (80MHz)	SDM	MCS5	Pass	Pass
	6145	39	be (80MHz)	SDM	MCS0	Pass	Pass
	6385	87	be (80MHz)	SDM	MCS5	Pass	Pass
	6025	15	be (160MHz)	SDM	MCS5	Pass	Pass
	6185	47	be (160MHz)	SDM	MCS0	Pass	Pass
Band 6	6345	79	be (160MHz)	SDM	MCS5	Pass	Pass
	6435	97	a	CDD	18Mbps	Pass	Pass
	6475	105	a	CDD	36Mbps	Pass	Pass
	6515	113	a	CDD	6Mbps	Pass	Pass
	6435	97	be (20MHz)	SDM	MCS3	Pass	Pass
	6475	105	be (20MHz)	SDM	MCS5	Pass	Pass
	6515	113	be (20MHz)	SDM	MCS5	Pass	Pass
	6445	99	be (40MHz)	SDM	MCS3	Pass	Pass
	6485	107	be (40MHz)	SDM	MCS5	Pass	Pass
	6525	115	be (40MHz)	SDM	MCS5	Pass	Pass
Band 7	6465	103	be (80MHz)	SDM	MCS0	Pass	Pass
	6505	111	be (160MHz)	SDM	MCS5	Pass	Pass
	6535	117	a	CDD	36Mbps	Pass	Pass
	6695	149	a	CDD	36Mbps	Pass	Pass
	6875	185	a	CDD	36Mbps	Pass	Pass
	6535	117	be (20MHz)	SDM	MCS5	Pass	Pass
	6695	149	be (20MHz)	SDM	MCS5	Pass	Pass
	6875	185	be (20MHz)	SDM	MCS5	Pass	Pass
	6725	155	be (40MHz)	SDM	MCS5	Pass	Pass
	6845	179	be (40MHz)	SDM	MCS5	Pass	Pass
	6545	119	be (80MHz)	SDM	MCS3	Pass	Pass
	6705	151	be (80MHz)	SDM	MCS5	Pass	Pass
Band 8	6865	183	be (80MHz)	SDM	MCS3	Pass	Pass
	6665	143	be (160MHz)	SDM	MCS3	Pass	Pass
	6825	175	be (160MHz)	SDM	MCS5	Pass	Pass
	6895	189	a	CDD	6Mbps	Pass	Pass
	6995	209	a	CDD	36Mbps	Pass	Pass
	7115	233	a	CDD	36Mbps	Pass	Pass
	6895	189	be (20MHz)	SDM	MCS3	Pass	Pass
	6995	209	be (20MHz)	SDM	MCS3	Pass	Pass
	7115	233	be (20MHz)	SDM	MCS5	Pass	Pass
	6885	187	be (40MHz)	SDM	MCS5	Pass	Pass
	7005	211	be (40MHz)	SDM	MCS5	Pass	Pass
	7085	227	be (40MHz)	SDM	MCS5	Pass	Pass
	6945	199	be (80MHz)	SDM	MCS5	Pass	Pass
	7025	215	be (80MHz)	SDM	MCS5	Pass	Pass
	6985	207	be (160MHz)	SDM	MCS5	Pass	Pass

Table 7-77. In-Band Emission Measurements CDD/SDM Diversity

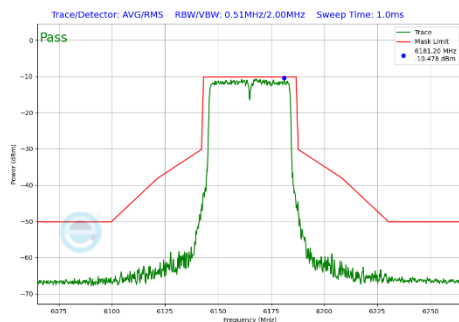
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 140 of 239



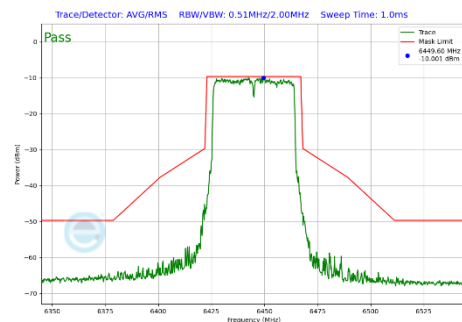
Plot 7-445 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11a (UNII Band 5) - Ch.93)



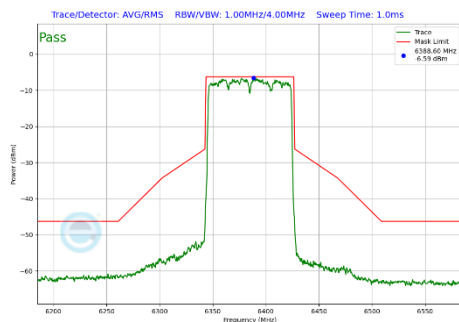
Plot 7-449 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11a (UNII Band 6) - Ch.97)



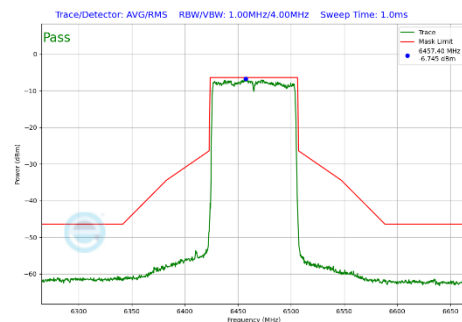
Plot 7-446 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.43)



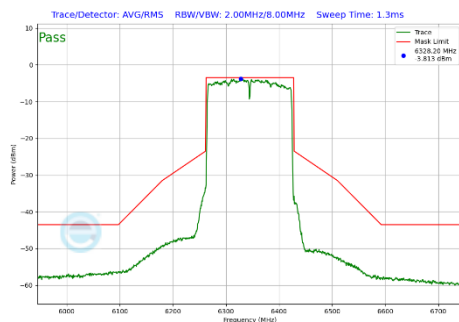
Plot 7-450 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.99)



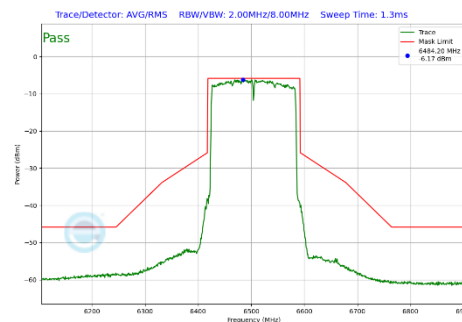
Plot 7-447 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.87)



Plot 7-451 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)

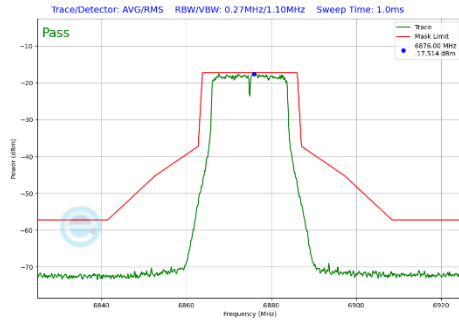


Plot 7-448 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.79)

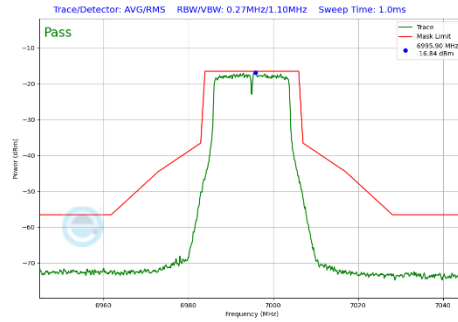


Plot 7-452 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)

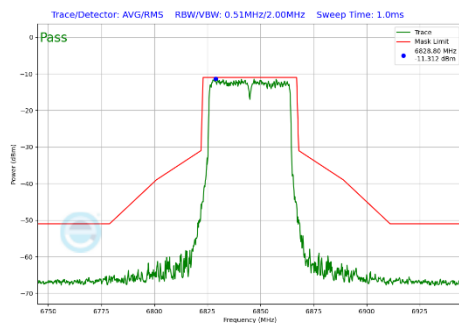
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 141 of 239



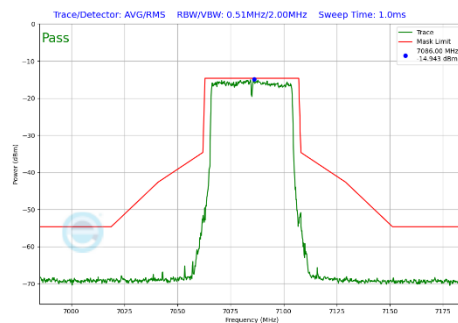
Plot 7-453 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11a (UNII Band 7) - Ch.185)



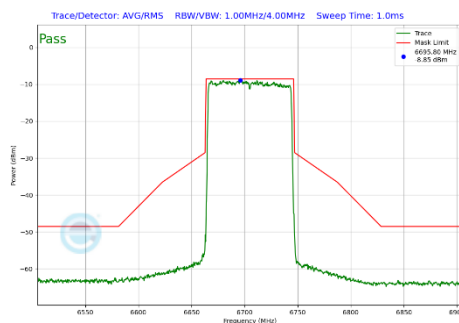
Plot 7-457 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11a (UNII Band 8) - Ch.209)



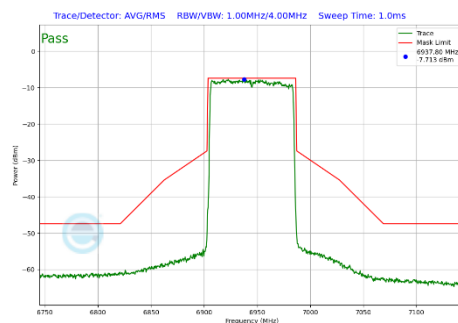
Plot 7-454 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.179)



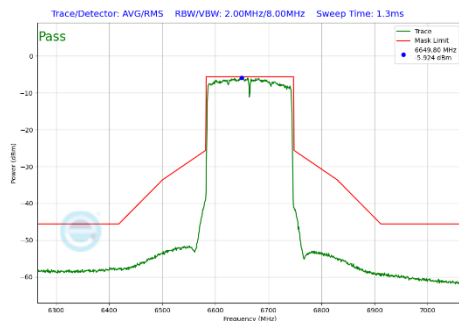
Plot 7-458 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(SU) (UNII Band 8) - Ch.227)



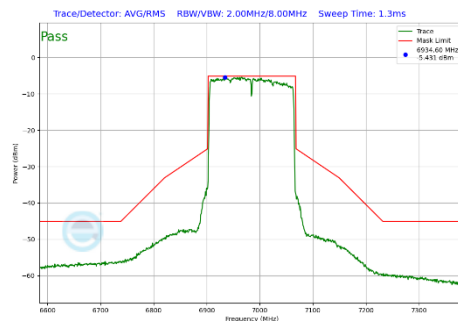
Plot 7-455 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-459 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(SU) (UNII Band 8) - Ch.199)

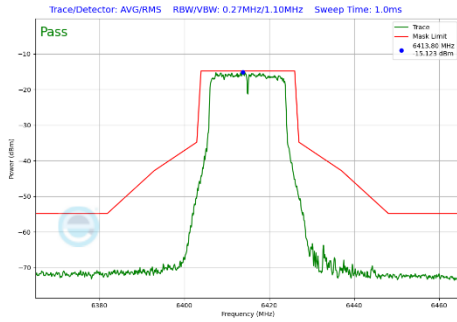


Plot 7-456 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)

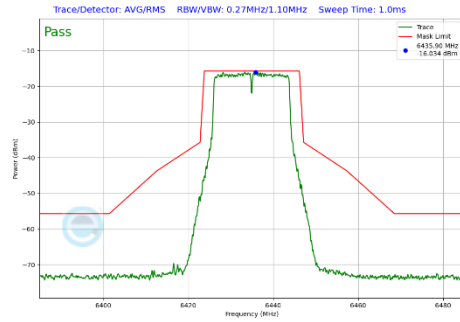


Plot 7-460 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(SU) (UNII Band 8) - Ch.207)

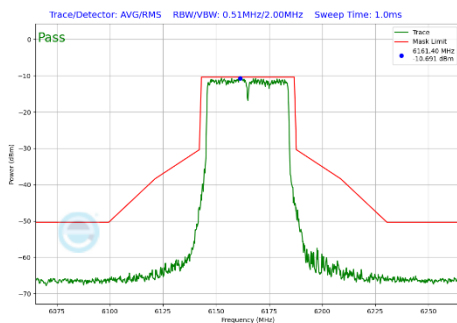
FCC ID: BCGA3358 IC: 579C-A3358			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device		Page 142 of 239



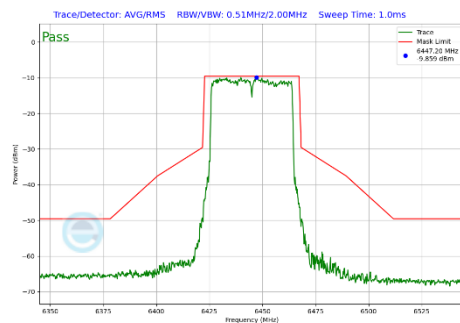
Plot 7-461 In-Band Emission Plot CDD Diversity Antenna 4a (20MHz BW 802.11a (UNII Band 5) - Ch.93)



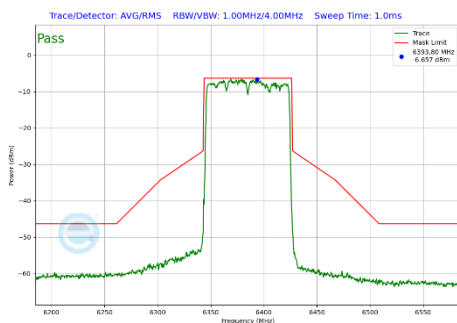
Plot 7-465 In-Band Emission Plot CDD Diversity Antenna 4a (20MHz BW 802.11a (UNII Band 6) - Ch.97)



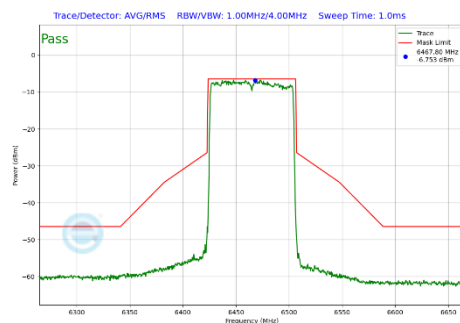
Plot 7-462 In-Band Emission Plot SDM Diversity Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 5) - Ch.43)



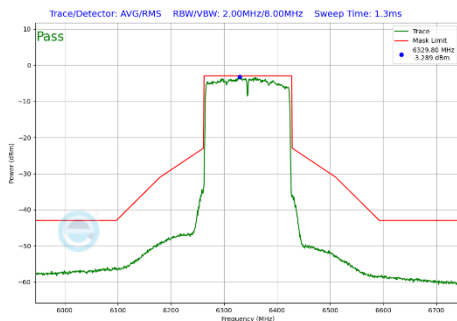
Plot 7-466 In-Band Emission Plot SDM Diversity Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 6) - Ch.99)



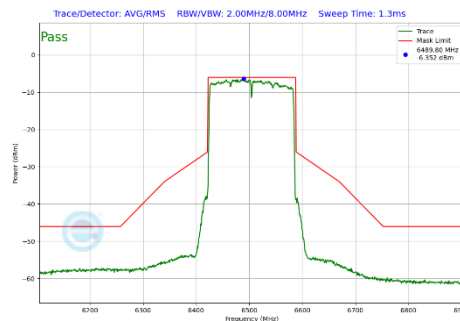
Plot 7-463 In-Band Emission Plot SDM Diversity Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 5) - Ch.87)



Plot 7-467 In-Band Emission Plot SDM Diversity Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 6) - Ch.103)

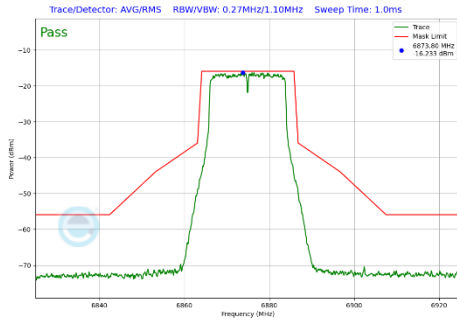


Plot 7-464 In-Band Emission Plot SDM Diversity Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 5) - Ch.79)

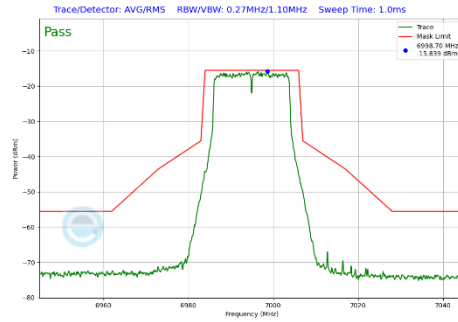


Plot 7-468 In-Band Emission Plot SDM Diversity Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 6) - Ch.111)

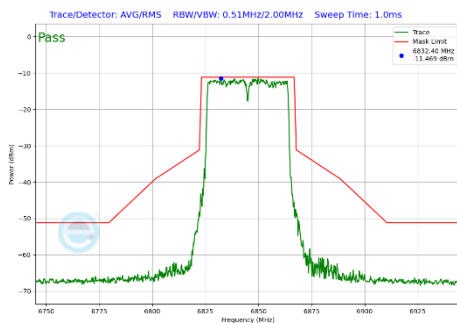
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 143 of 239



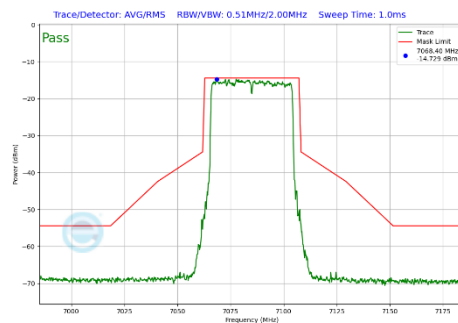
Plot 7-469 In-Band Emission Plot CDD Diversity Antenna 4a (20MHz BW 802.11a (UNII Band 7) - Ch.185)



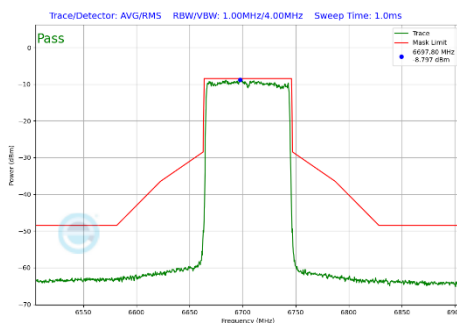
Plot 7-473 In-Band Emission Plot CDD Diversity Antenna 4a (20MHz BW 802.11a (UNII Band 8) - Ch.209)



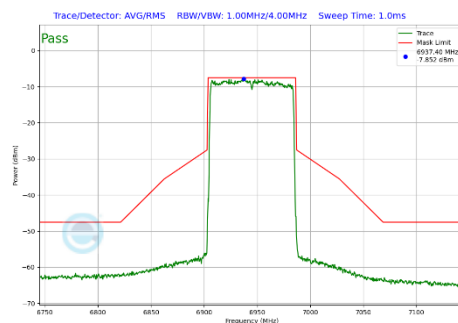
Plot 7-470 In-Band Emission Plot SDM Diversity Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 7) - Ch.179)



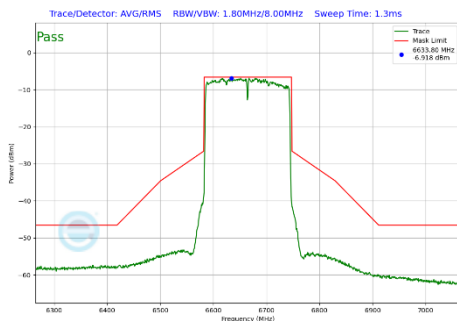
Plot 7-474 In-Band Emission Plot SDM Diversity Antenna 4a (40MHz BW 802.11be(SU) (UNII Band 8) - Ch.227)



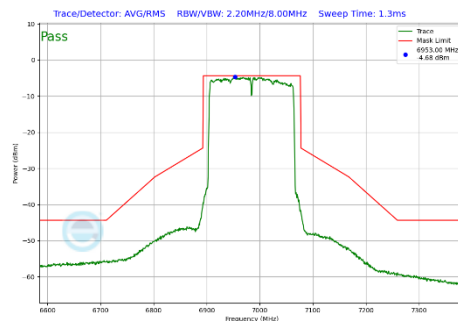
Plot 7-471 In-Band Emission Plot SDM Diversity Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 7) - Ch.151)



Plot 7-475 In-Band Emission Plot SDM Diversity Antenna 4a (80MHz BW 802.11be(SU) (UNII Band 8) - Ch.199)



Plot 7-472 In-Band Emission Plot SDM Diversity Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 7) - Ch.143)



Plot 7-476 In-Band Emission Plot SDM Diversity Antenna 4a (160MHz BW 802.11be(SU) (UNII Band 8) - Ch.207)

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 144 of 239

7.6 Contention Based Protocol

§15.407(d)(6), RSS-248 [4.7]

Test Overview and Limit

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel.

Test Procedure Used

KDB 987594 D02 v03 – Section I

Test Settings

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth
3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
5. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
6. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
7. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
8. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
9. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
10. Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
11. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Test Setup

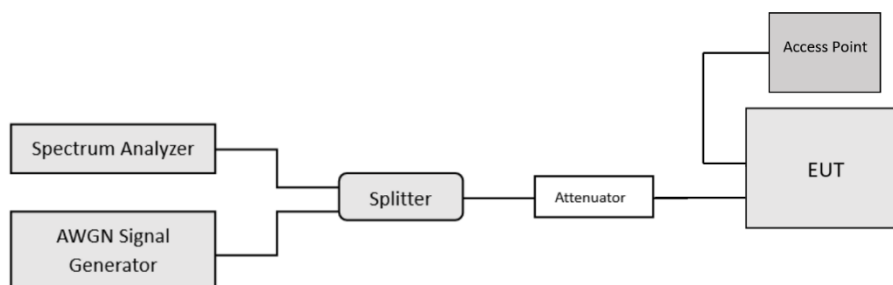


Figure 7-5. Contention-based protocol test setup, conducted method

Test Notes

1. The EUT supports channel puncturing.
2. Per guidance from KDB 987594 D02 v03, contention-based protocol was tested using an AWGN signal with a bandwidth of 10MHz. The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission, marker indicates the point at which the AWGN signal is introduced.
3. Per KDB 987594 D04 v03, contention-based protocol was tested with receiver with the lowest antenna gain.
4. 15 trials were ran in order to assure that at least 90% of certainty was met.

$$\text{Detection Level} = \text{Injected AWGN Power (dBm)} - \text{Antenna Gain (dBi)} + \text{Path Loss (dB)}$$

Equation 7-1. Incumbent Detection Level Calculation

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Band	Channel	Channel Frequency [MHz]	Channel BW [MHz]	Incumbent Frequency [MHz]	Injected (AWGN) [dBm]	Antenna Gain [dBi]	Adjusted Power Level [dBm]	Detection Limit [dBm]	Margin [dB]
UNII Band 5	53	6215	20	6215	-65.63	-2.60	-63.03	-62.0	-1.03
	47	6185	160	6110	-65.66	-2.60	-63.06	-62.0	-1.06
				6185	-65.68	-2.60	-63.08	-62.0	-1.08
				6260	-66.56	-2.60	-63.96	-62.0	-1.96
UNII Band 6	101	6455	20	6455	-65.53	-2.60	-62.93	-62.0	-0.93
	111	6505	160	6430	-66.51	-2.60	-63.91	-62.0	-1.91
				6505	-66.55	-2.60	-63.95	-62.0	-1.95
				6580	-65.61	-2.60	-63.01	-62.0	-1.01
UNII Band 7	149	6695	20	6695	-65.73	-2.60	-63.13	-62.0	-1.13
	143	6665	160	6590	-65.63	-2.60	-63.03	-62.0	-1.03
				6665	-65.74	-2.60	-63.14	-62.0	-1.14
				6740	-65.80	-2.60	-63.20	-62.0	-1.20
UNII Band 8	197	6935	20	6935	-65.71	-2.60	-63.11	-62.0	-1.11
	207	6985	160	6910	-65.69	-2.60	-63.09	-62.0	-1.09
				6985	-65.74	-2.60	-63.14	-62.0	-1.14
				7060	-65.59	-2.60	-62.99	-62.0	-0.99

Table 7-78. Contention Based Protocol – Incumbent Detection Results

Band	Channel	Channel Frequency [MHz]	Channel BW [MHz]	Incumbent Frequency [MHz]	EUT Transmission Status		
					Adjusted AWGN Power (dBm)		
					Normal	Minimal	Ceased
UNII Band 5	53	6215	20	6215	-74.21	-64.28	-63.03
	47	6185	160	6110	-74.24	-64.31	-63.06
				6185	-74.26	-64.33	-63.08
				6260	-75.14	-65.21	-63.96
UNII Band 6	101	6455	20	6455	-74.11	-64.18	-62.93
	111	6505	160	6430	-75.09	-65.16	-63.91
				6505	-75.13	-65.20	-63.95
				6580	-74.19	-64.26	-63.01
UNII Band 7	149	6695	20	6695	-74.11	-64.35	-63.13
	143	6665	160	6750	-74.01	-64.25	-63.03
				6825	-74.12	-64.36	-63.14
				6900	-74.18	-64.42	-63.20
UNII Band 8	197	6935	20	6935	-74.09	-64.33	-63.11
	207	6985	160	6910	-74.07	-64.31	-63.09
				6985	-74.12	-64.36	-63.14
				7060	-73.97	-64.21	-62.99

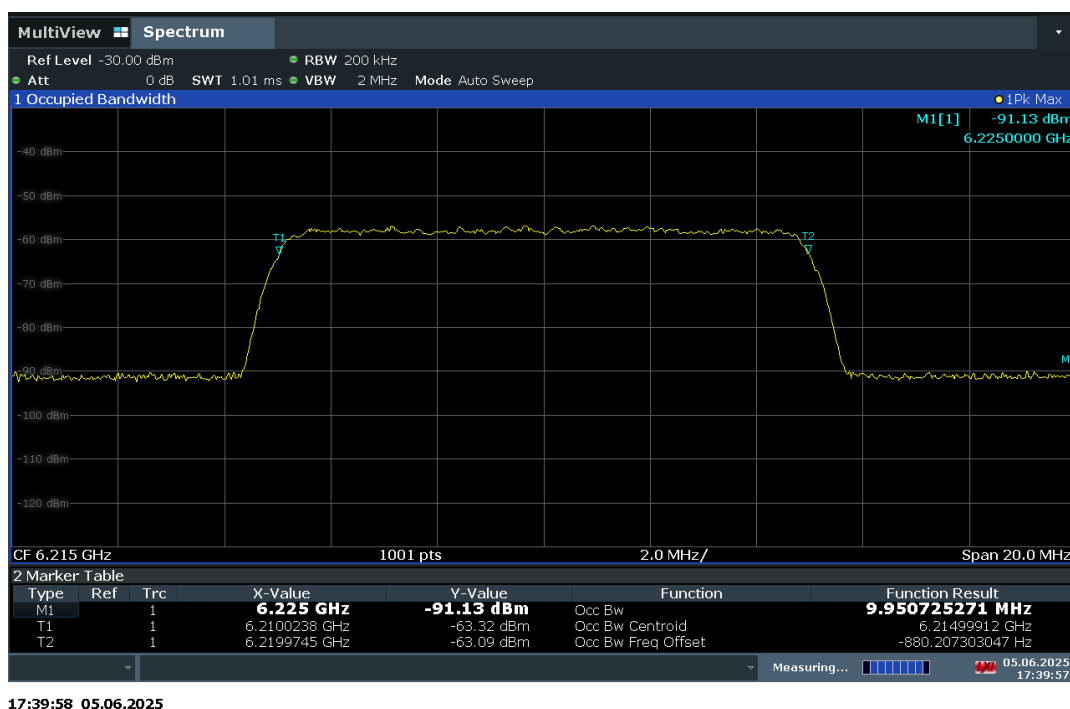
Table 7-79. Contention Based Protocol – Detection Results – All Tx Cases

CBP Detection (1 = Detection, Blank = No Detection)																					
Band	Channel	Channel Frequency [MHz]	Channel BW [MHz]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Detection Rate [%]	Limit [%]	Pass/Fail
UNII Band 5	53	6215	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
	47	6185	160	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
UNII Band 6	101	6455	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
	111	6505	160	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
UNII Band 7	149	6695	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
	143	6665	160	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
UNII Band 8	197	6935	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
	207	6985	160	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass

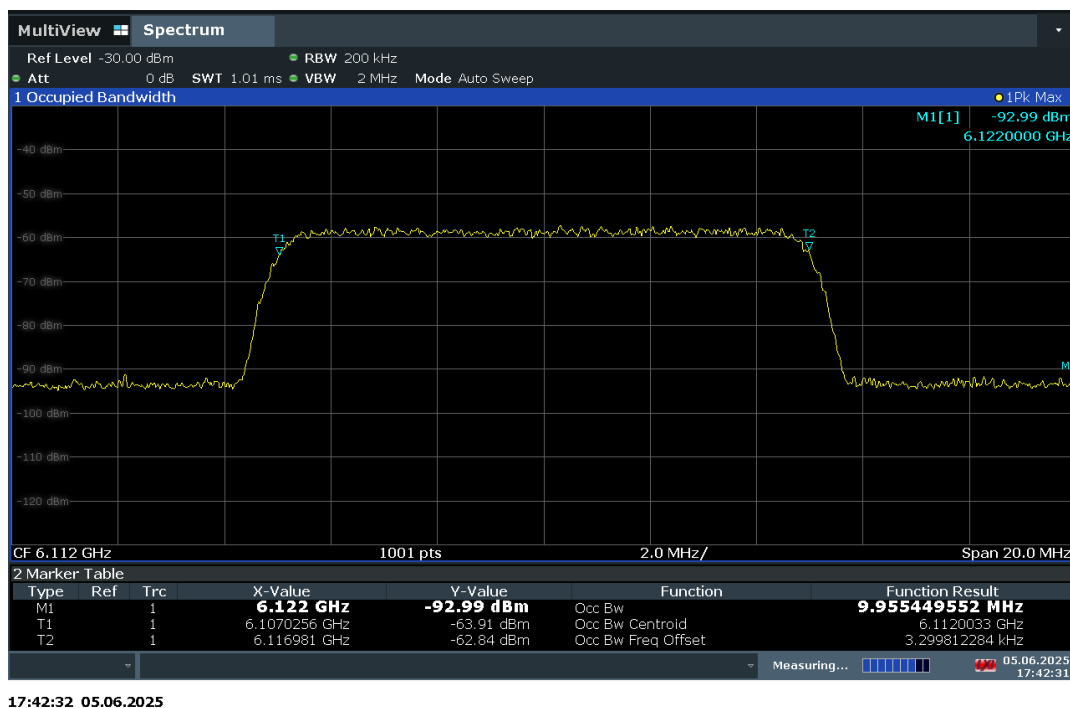
Table 7-80. Contention Based Protocol – Incumbent Detection Trial Results

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 147 of 239

AWGN Plots



Plot 7-477. AWGN Signal – UNII 5 – 20MHz

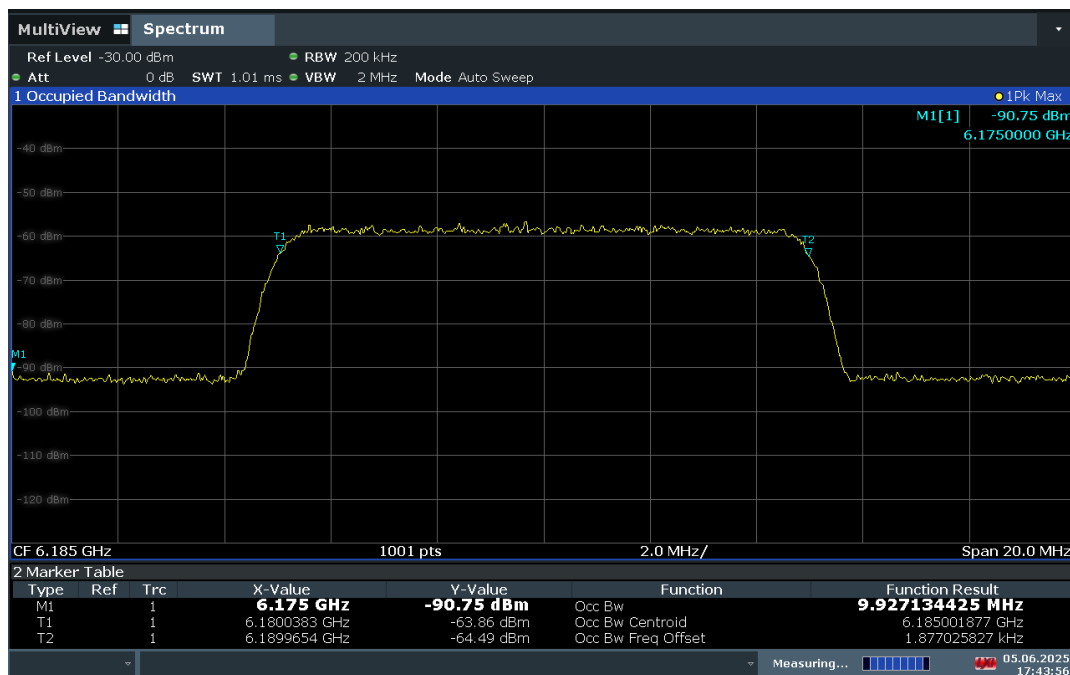


Plot 7-478. AWGN Signal – UNII 5 – 160MHz - Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 148 of 239

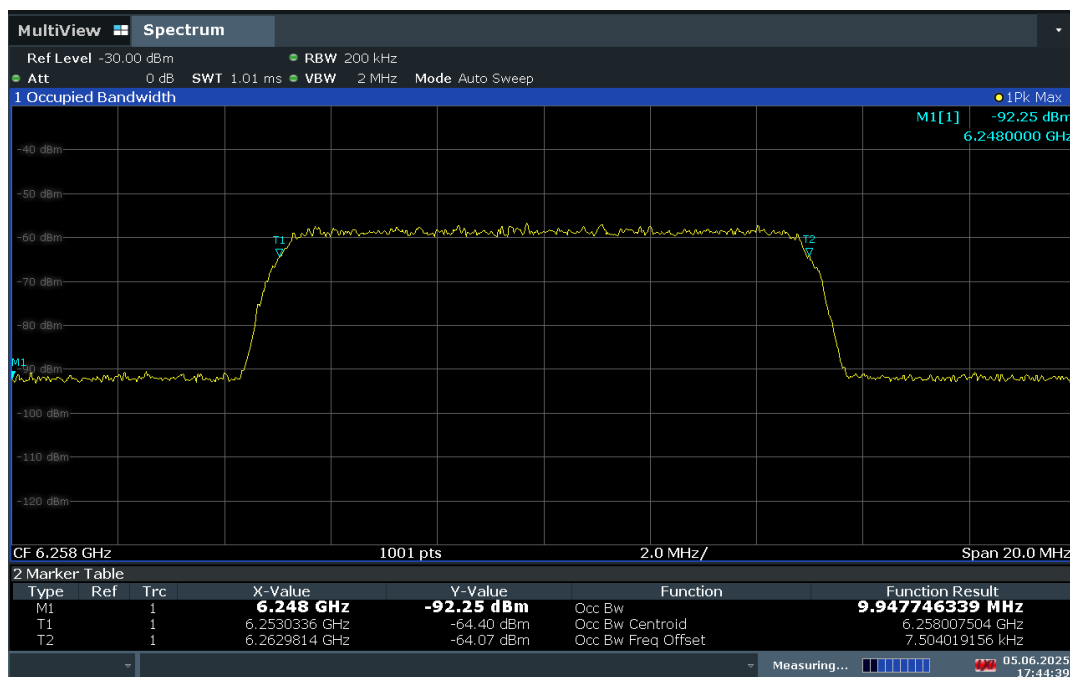
V 11.0 5/2025

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17:43:57 05.06.2025

Plot 7-479. AWGN Signal – UNII 5 – 160MHz – Mid



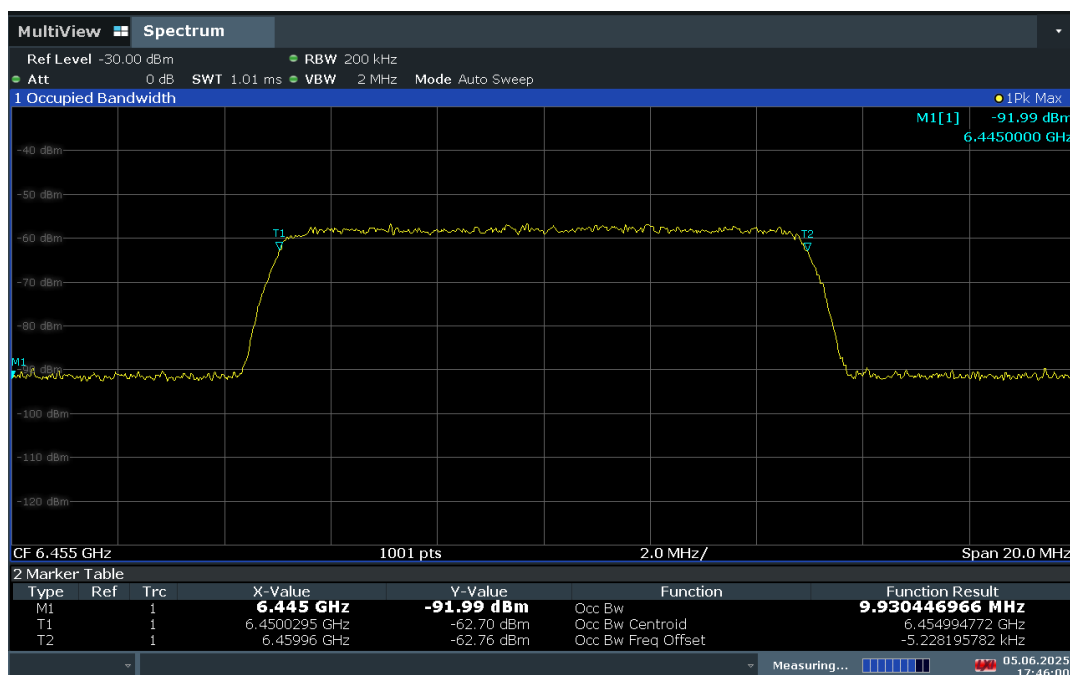
17:44:40 05.06.2025

Plot 7-480. AWGN Signal – UNII 5 – 160MHz - High

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 149 of 239

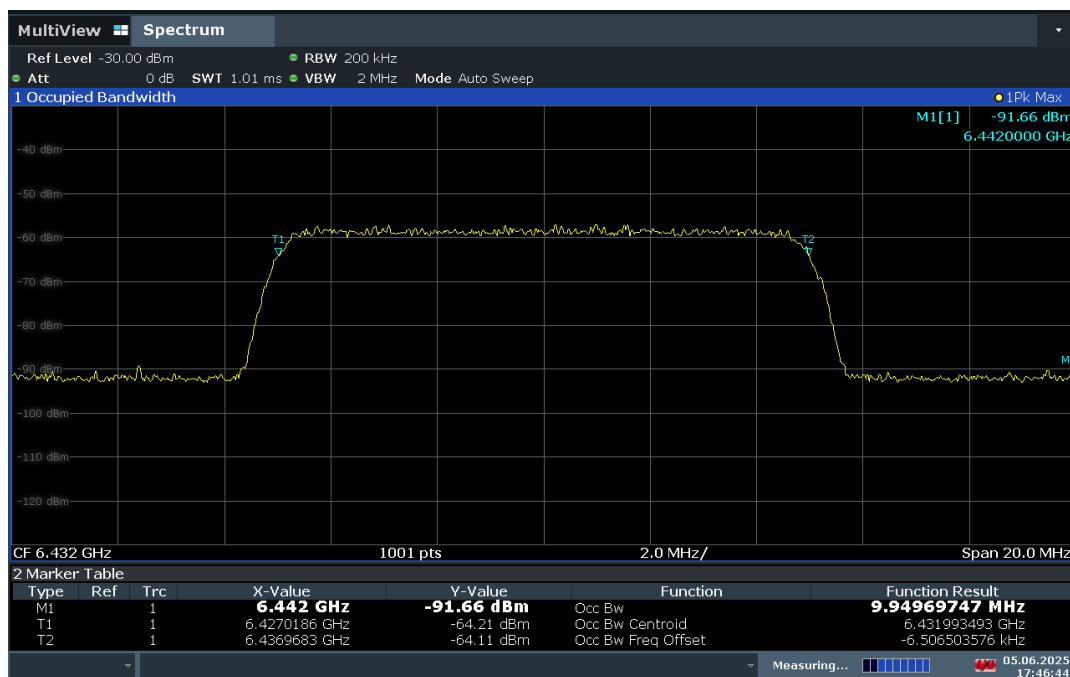
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17:46:01 05.06.2025

Plot 7-481. AWGN Signal – UNII 6 – 20MHz



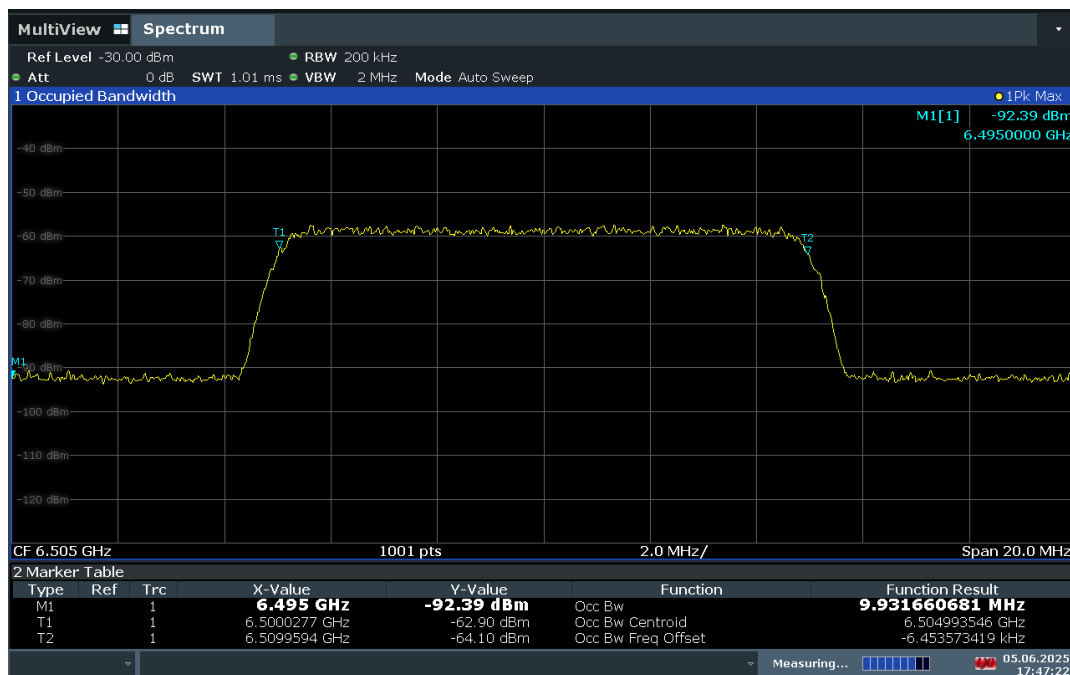
17:46:45 05.06.2025

Plot 7-482. AWGN Signal – UNII 6 – 160MHz - Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 150 of 239

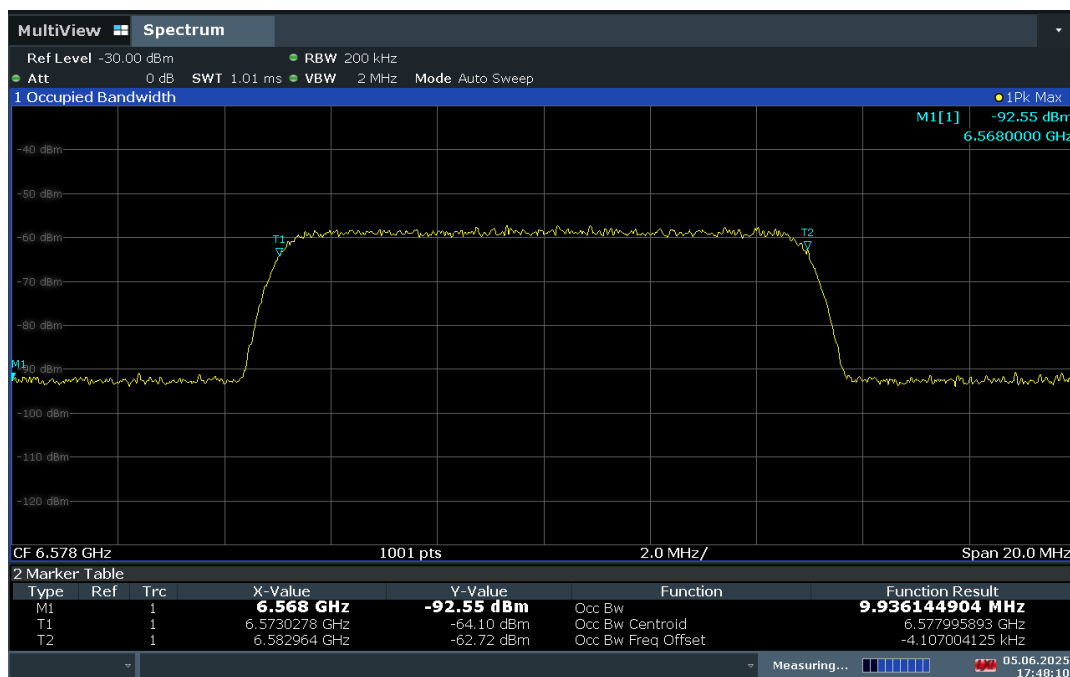
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17:47:23 05.06.2025

Plot 7-483. AWGN Signal – UNII 6 – 160MHz – Mid



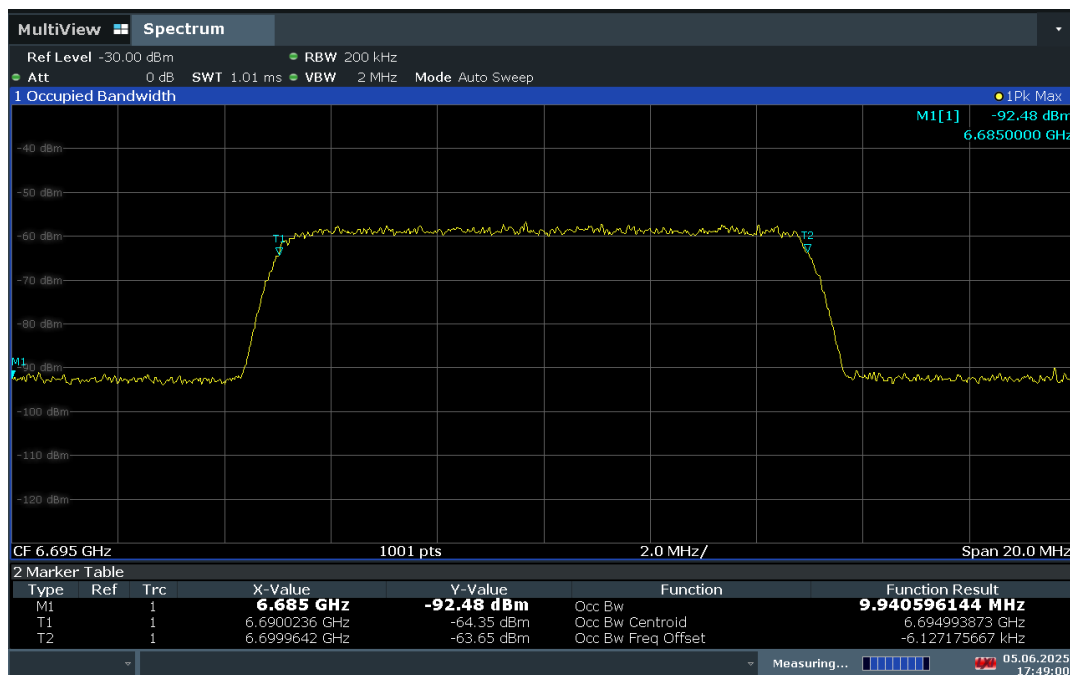
17:48:11 05.06.2025

Plot 7-484. AWGN Signal – UNII 6 – 160MHz - High

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 151 of 239

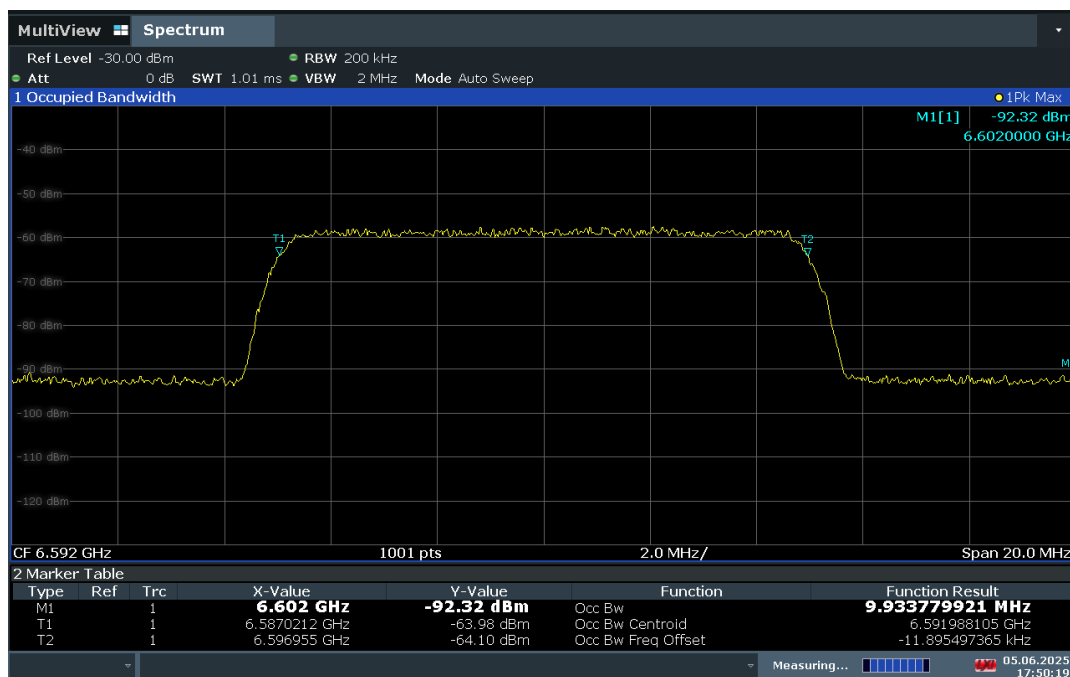
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17:49:00 05.06.2025

Plot 7-485. AWGN Signal – UNII 7 – 20MHz



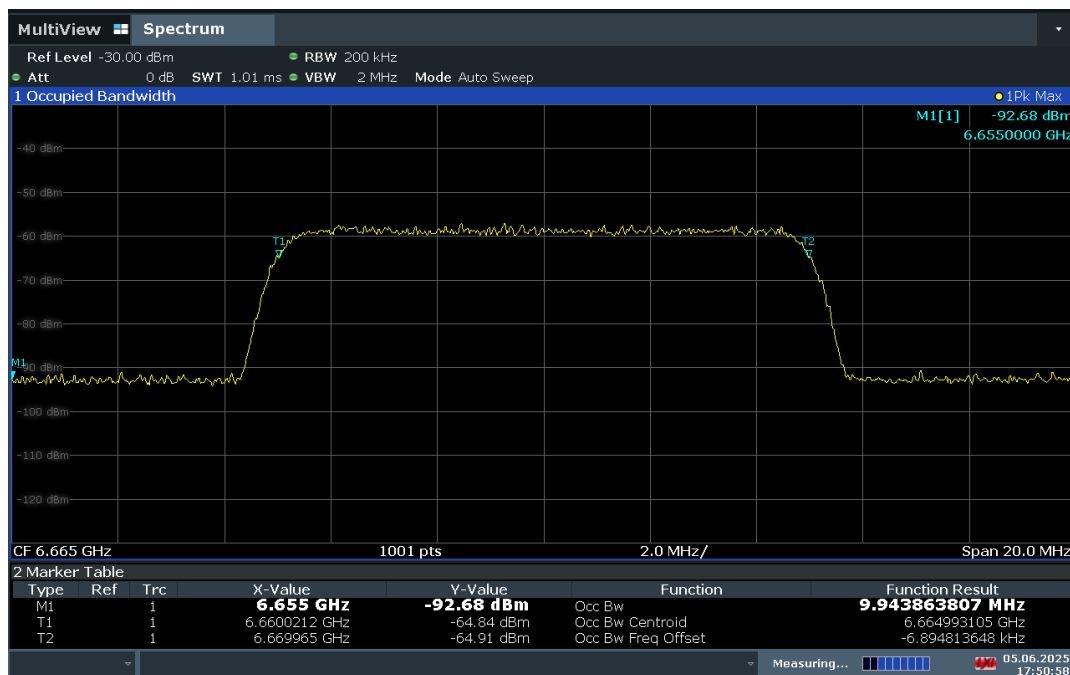
17:50:19 05.06.2025

Plot 7-486. AWGN Signal – UNII 7 – 160MHz - Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 152 of 239

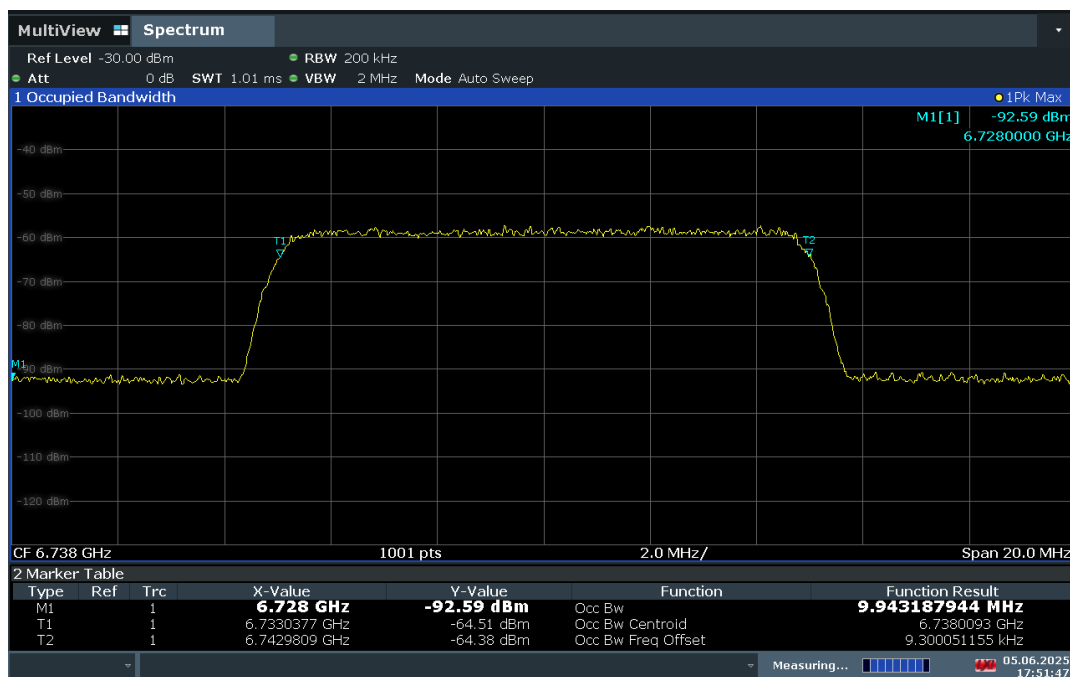
V 11.0 5/2025

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17:50:59 05.06.2025

Plot 7-487. AWGN Signal – UNII 7 – 160MHz – Mid



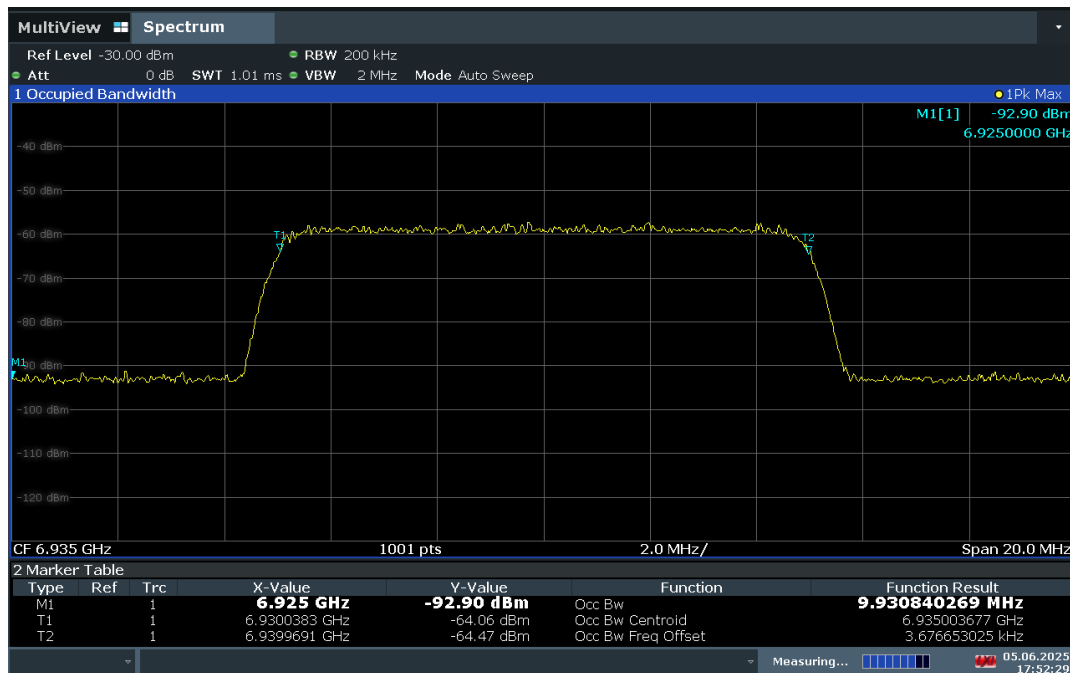
17:51:47 05.06.2025

Plot 7-488. AWGN Signal – UNII 7 – 160MHz - High

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 153 of 239

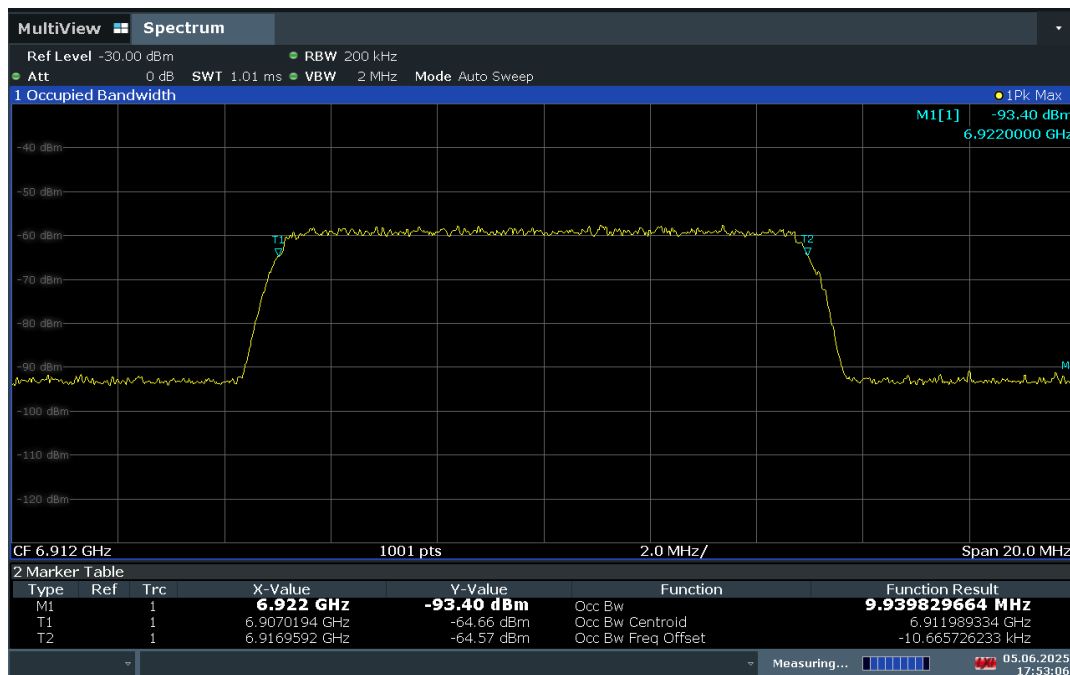
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17:52:29 05.06.2025

Plot 7-489. AWGN Signal – UNII 8 – 20MHz



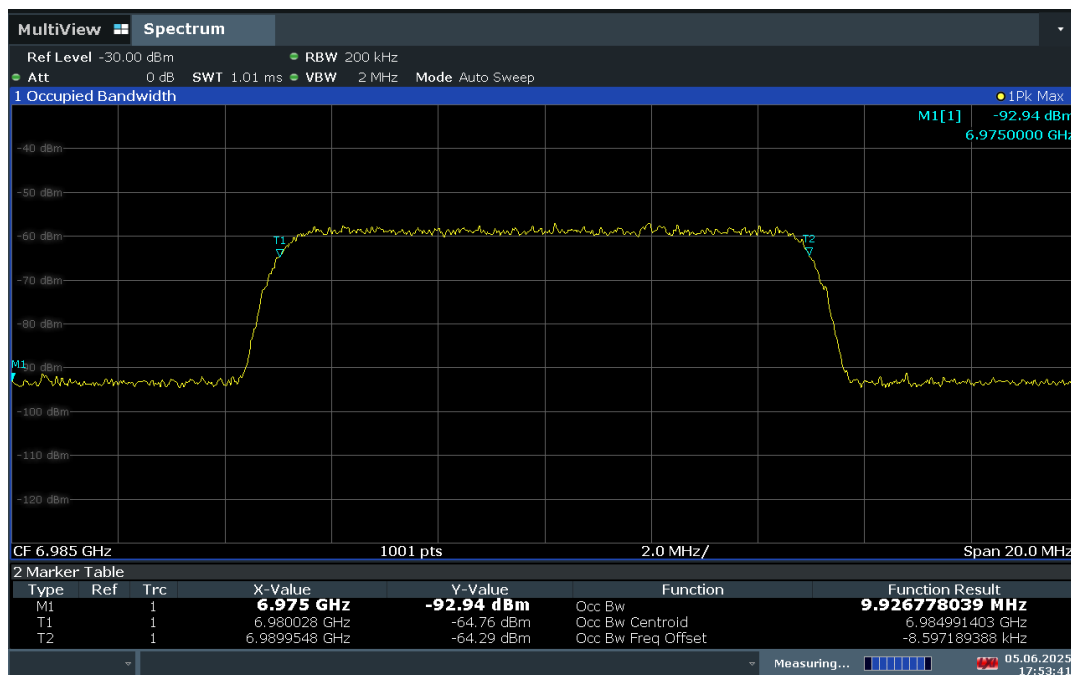
17:53:06 05.06.2025

Plot 7-490. AWGN Signal – UNII 8 – 160MHz - Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 154 of 239

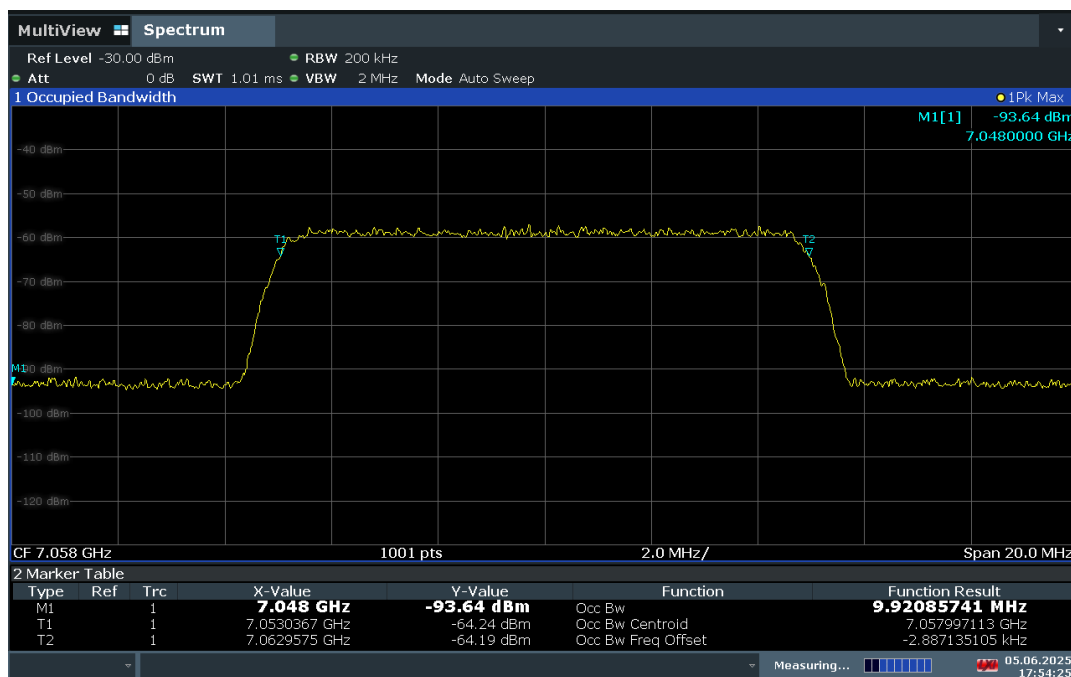
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17:53:41 05.06.2025

Plot 7-491. AWGN Signal – UNII 8 – 160MHz – Mid



17:54:26 05.06.2025

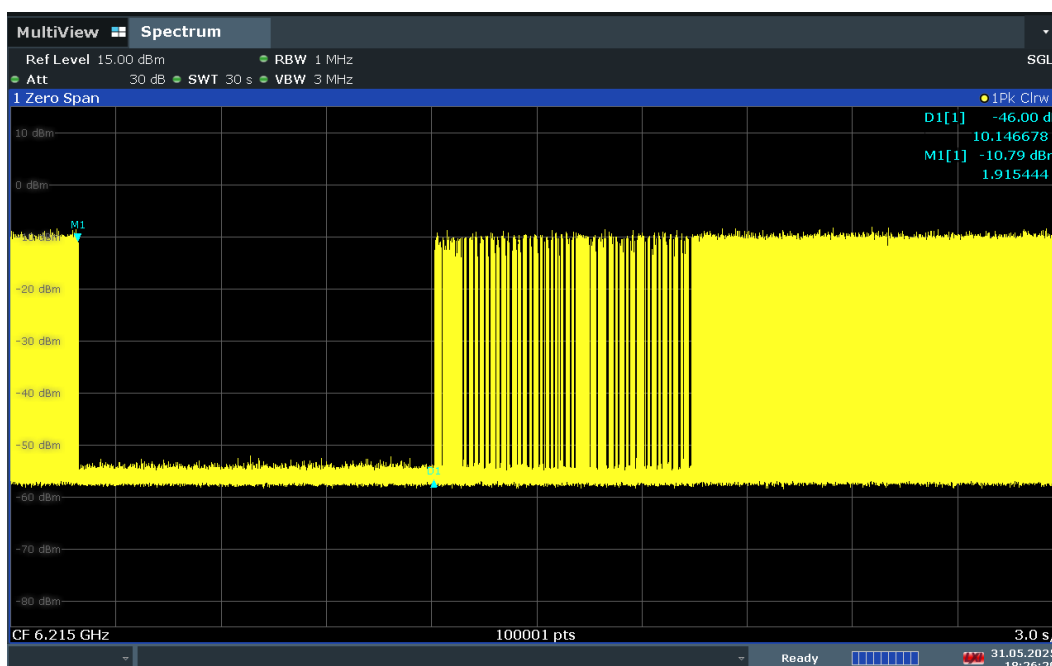
Plot 7-492. AWGN Signal – UNII 8 – 160MHz - High

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 155 of 239

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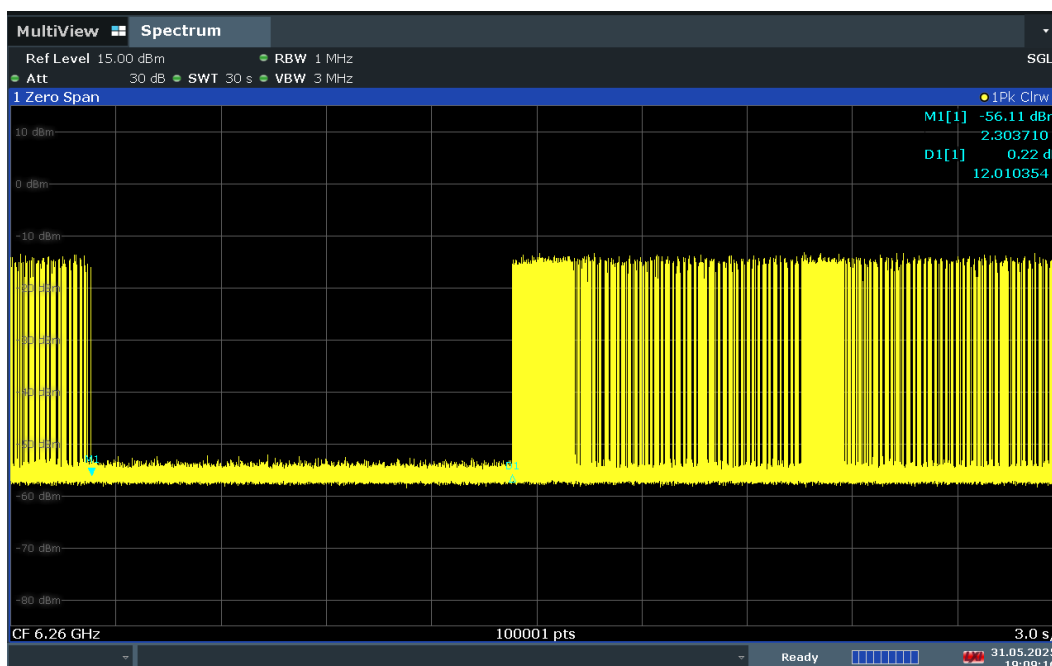
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Contention-Based Protocol Timing Plots



18:26:30 31.05.2025

Plot 7-493. Contention Based Protocol Timing Plot – UNII 5 – 20MHz Channel 53



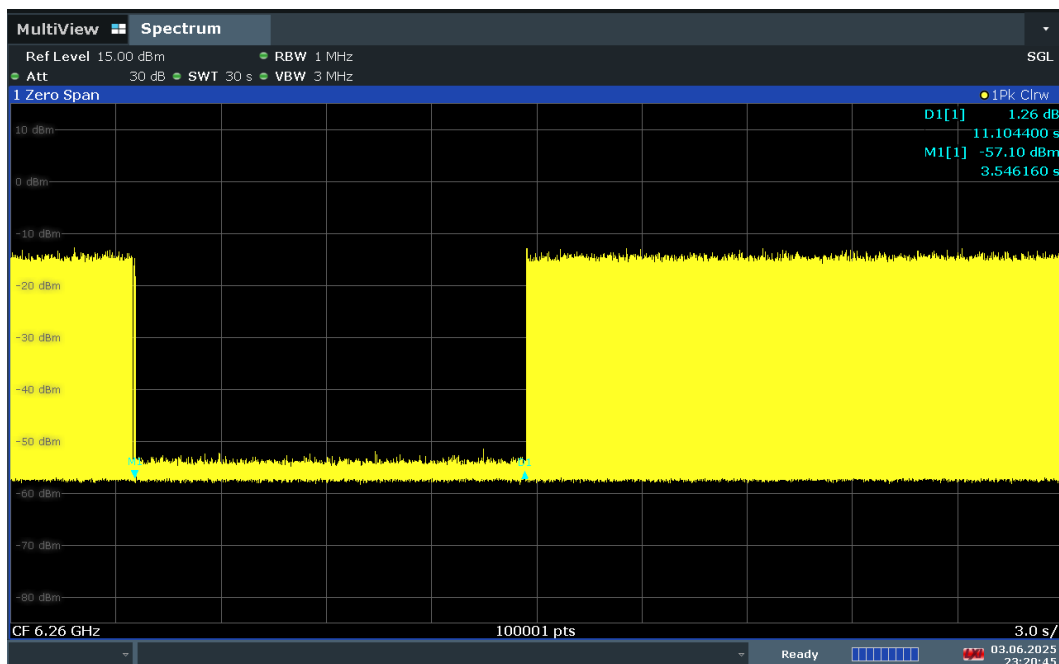
19:09:16 31.05.2025

Plot 7-494. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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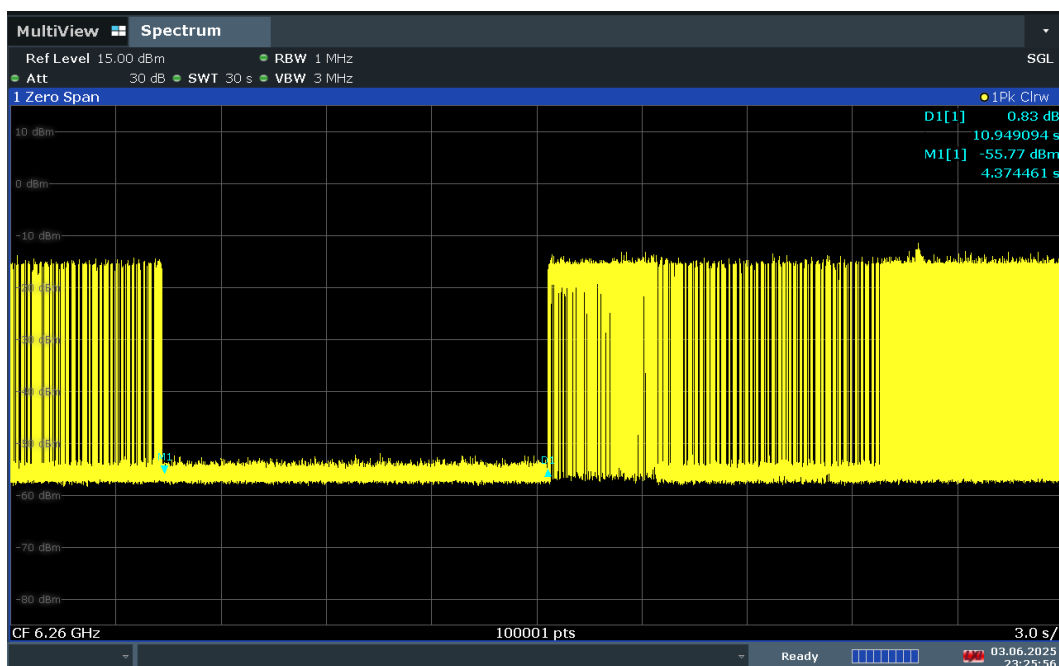
V 11.0 5/2025

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23:20:46 03.06.2025

Plot 7-495. Contention Based Protocol Timing Plot –UNII 5 – 160MHz Channel 47 – Mid



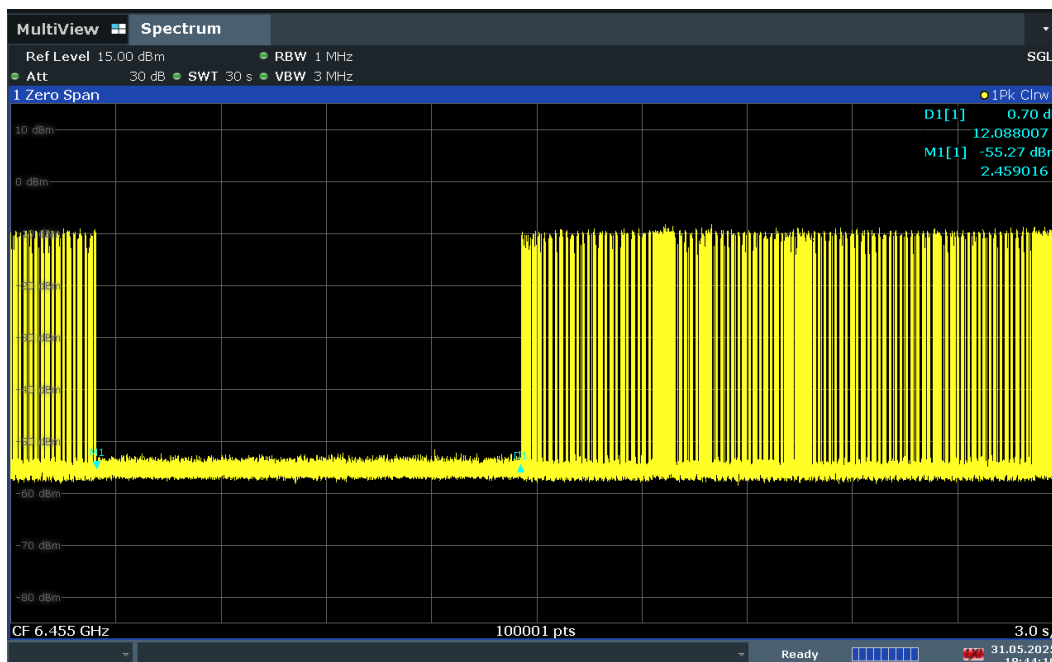
23:25:57 03.06.2025

Plot 7-496. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – High

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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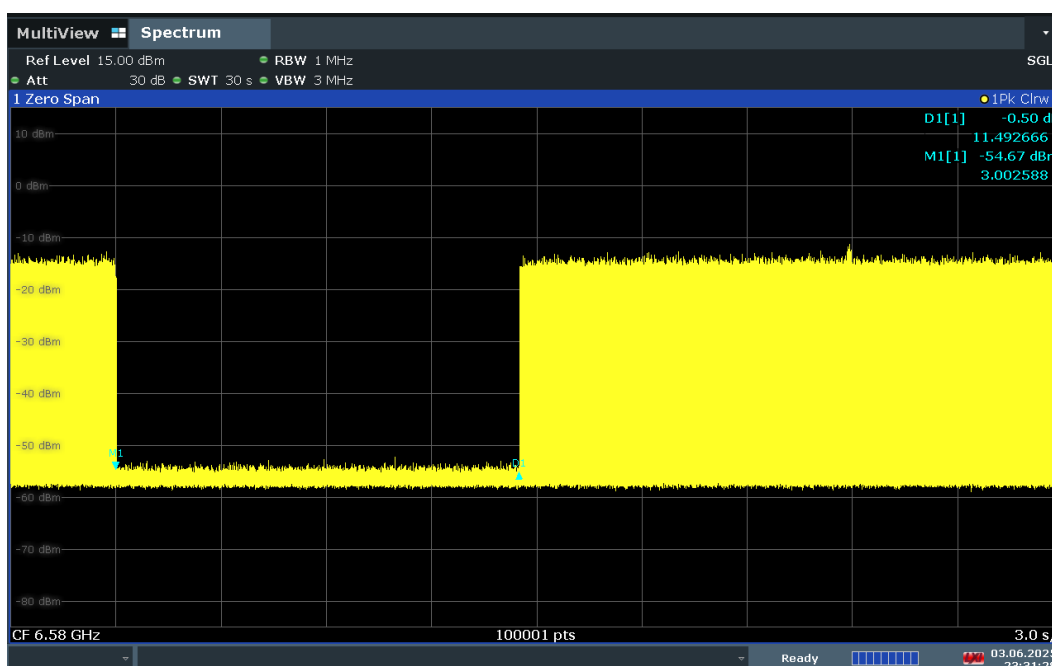
V 11.0 5/2025

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18:44:19 31.05.2025

Plot 7-497. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Channel 101



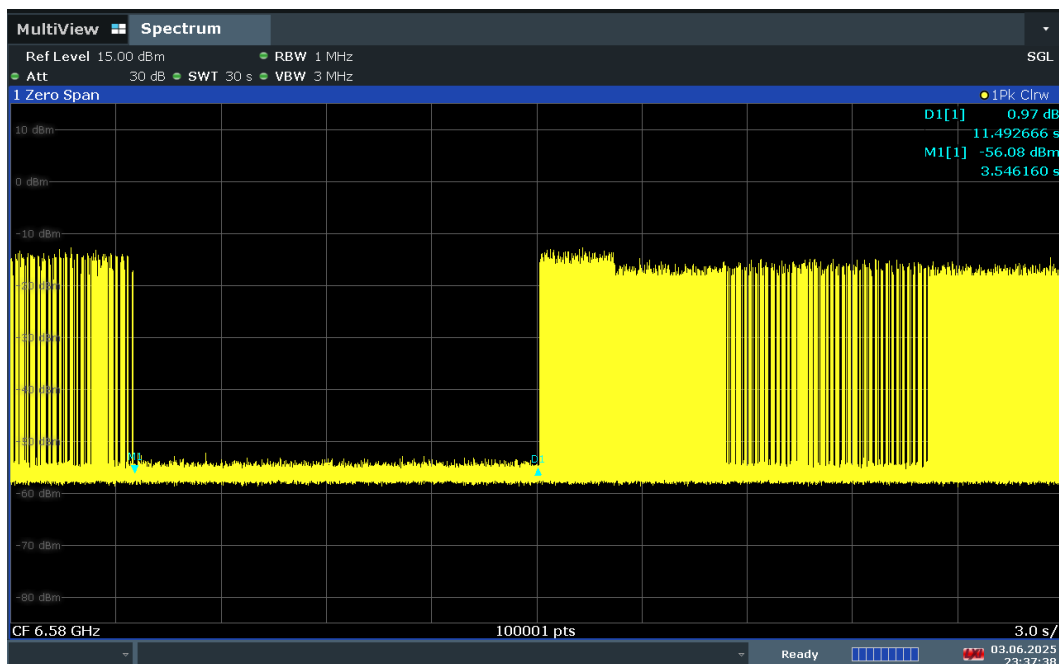
23:31:28 03.06.2025

Plot 7-498. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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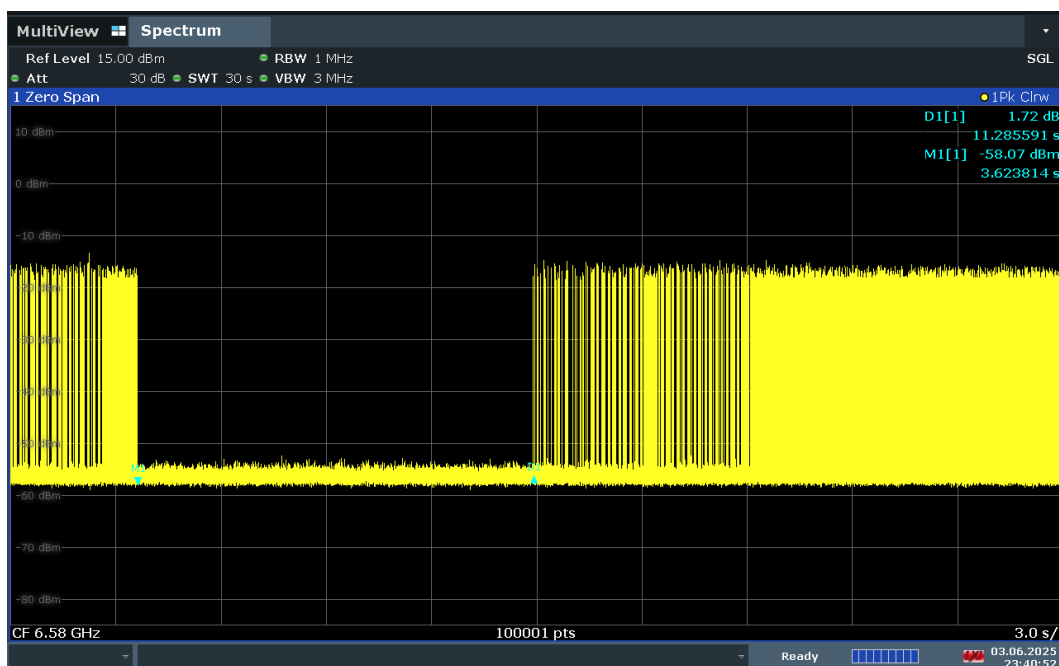
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23:37:38 03.06.2025

Plot 7-499. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Mid



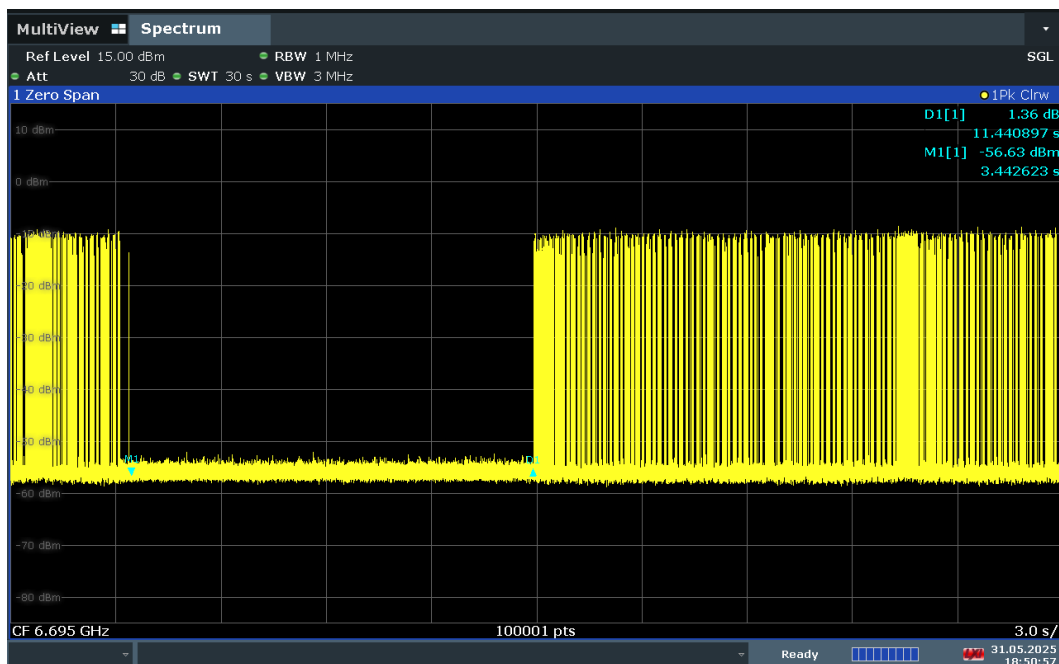
23:40:53 03.06.2025

Plot 7-500. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – High

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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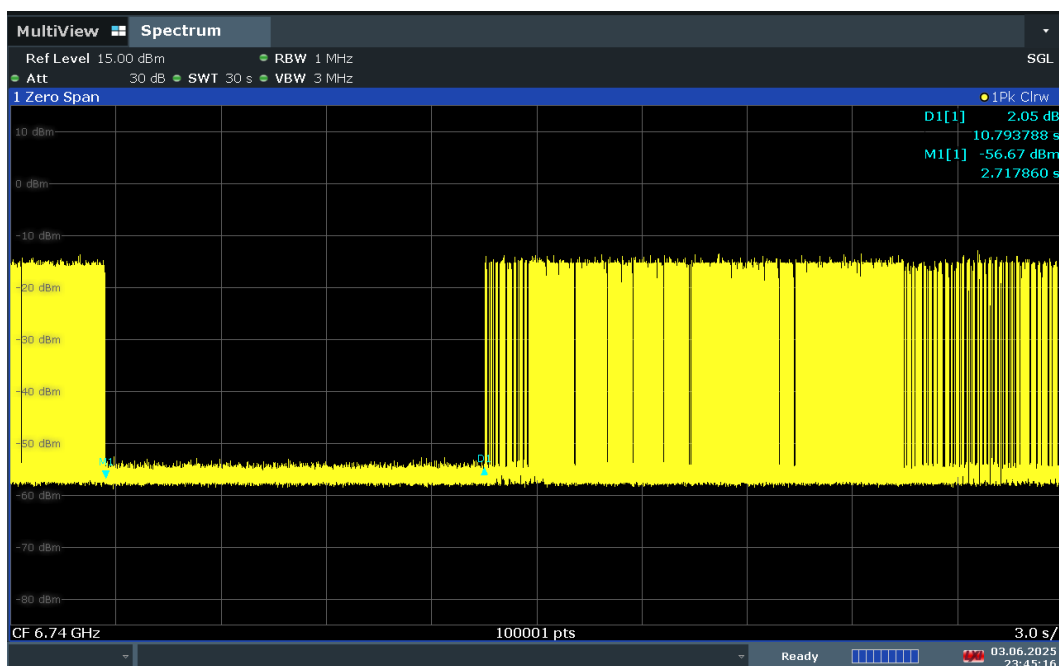
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18:50:57 31.05.2025

Plot 7-501. Contention Based Protocol Timing Plot – UNII 7 – 20MHz Channel 149



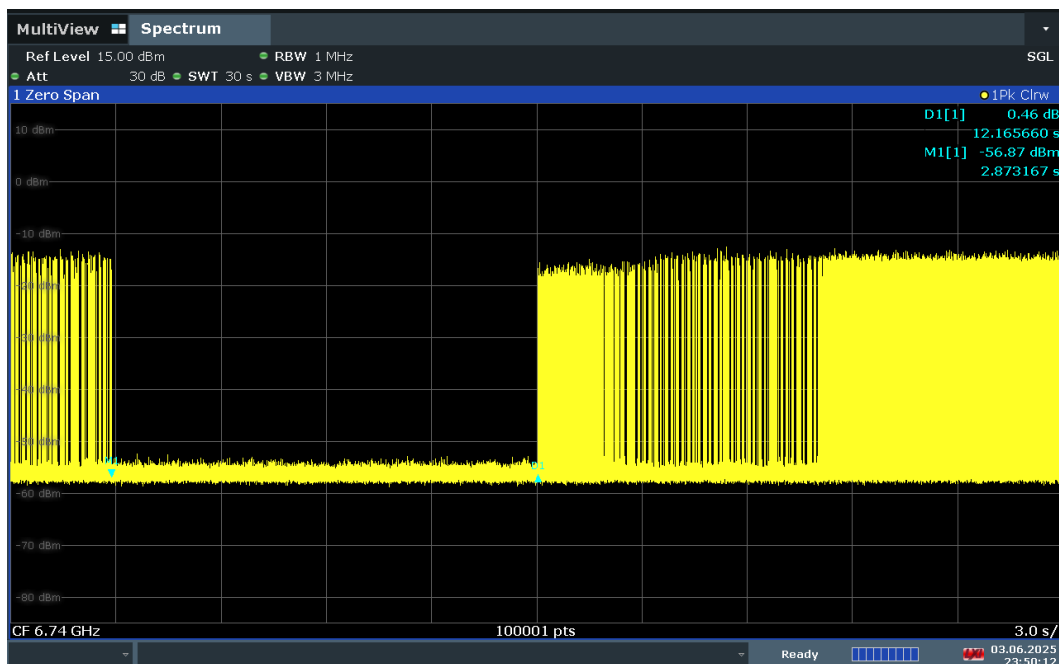
23:45:17 03.06.2025

Plot 7-502. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-24-R2.BCG	Test Dates: 5/12/2025 - 8/27/2025	EUT Type: Tablet Device	Page 160 of 239

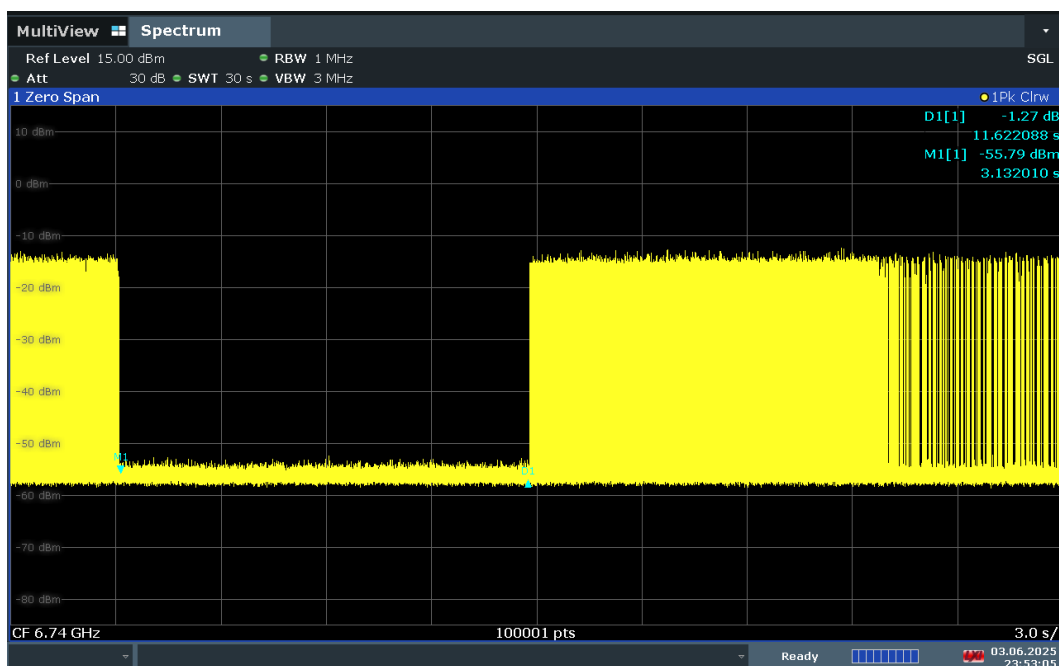
V 11.0 5/2025

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23:50:13 03.06.2025

Plot 7-503. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Mid



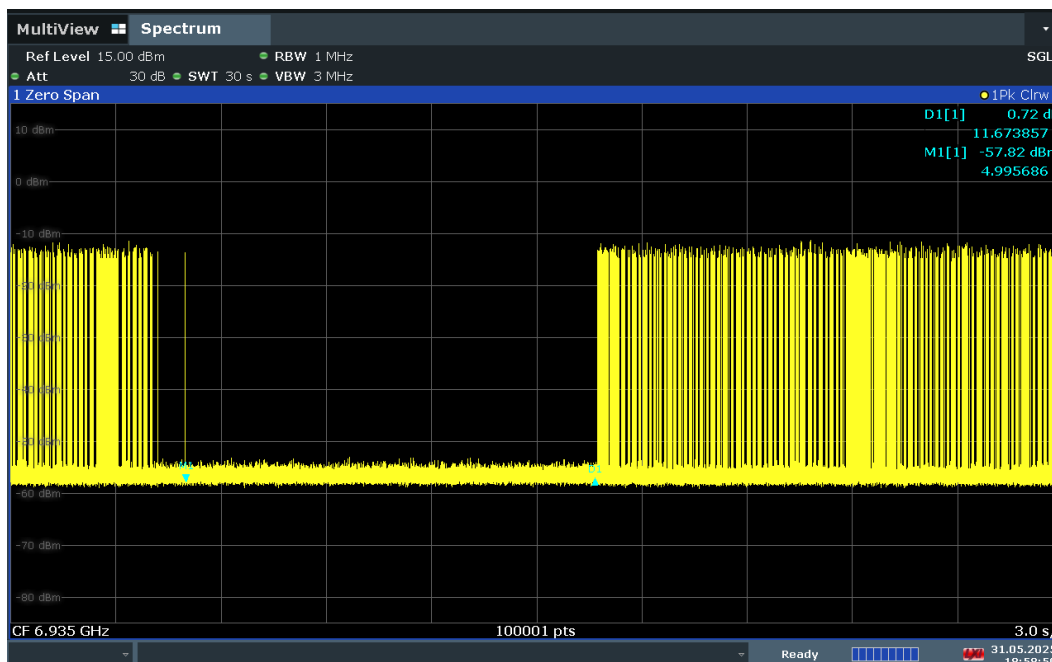
23:53:06 03.06.2025

Plot 7-504. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – High

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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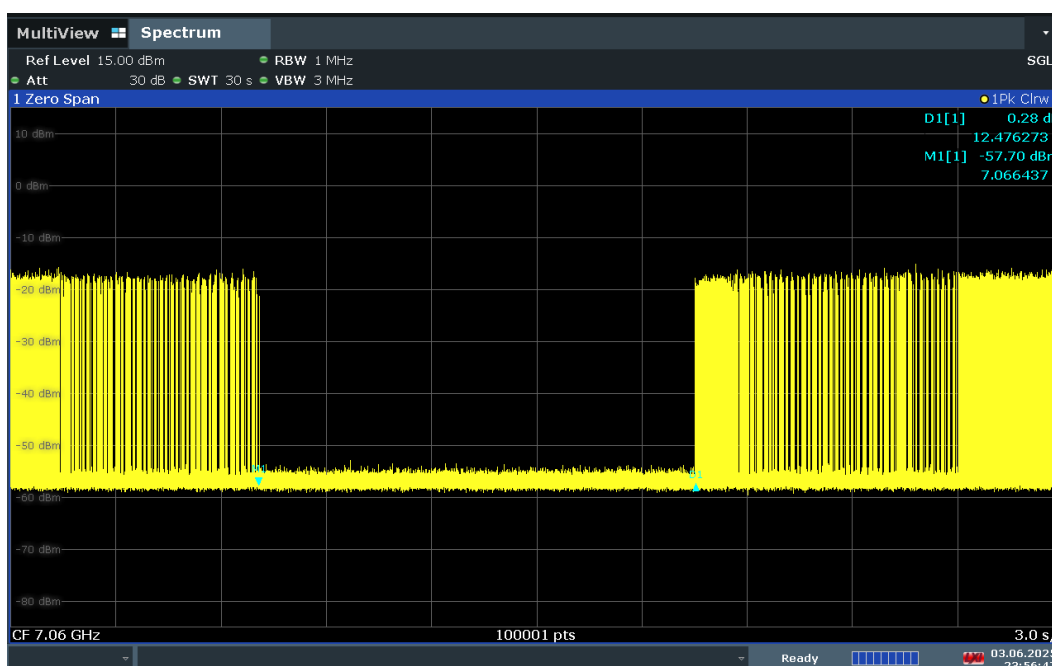
V 11.0 5/2025

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18:59:00 31.05.2025

Plot 7-505. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Channel 197



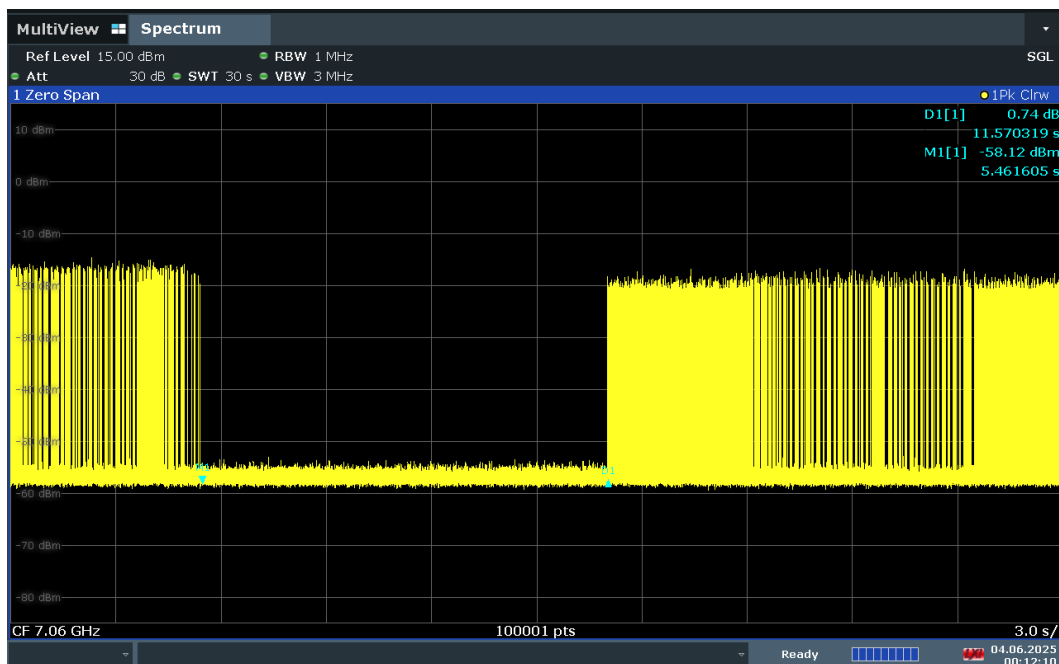
23:56:47 03.06.2025

Plot 7-506. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Low

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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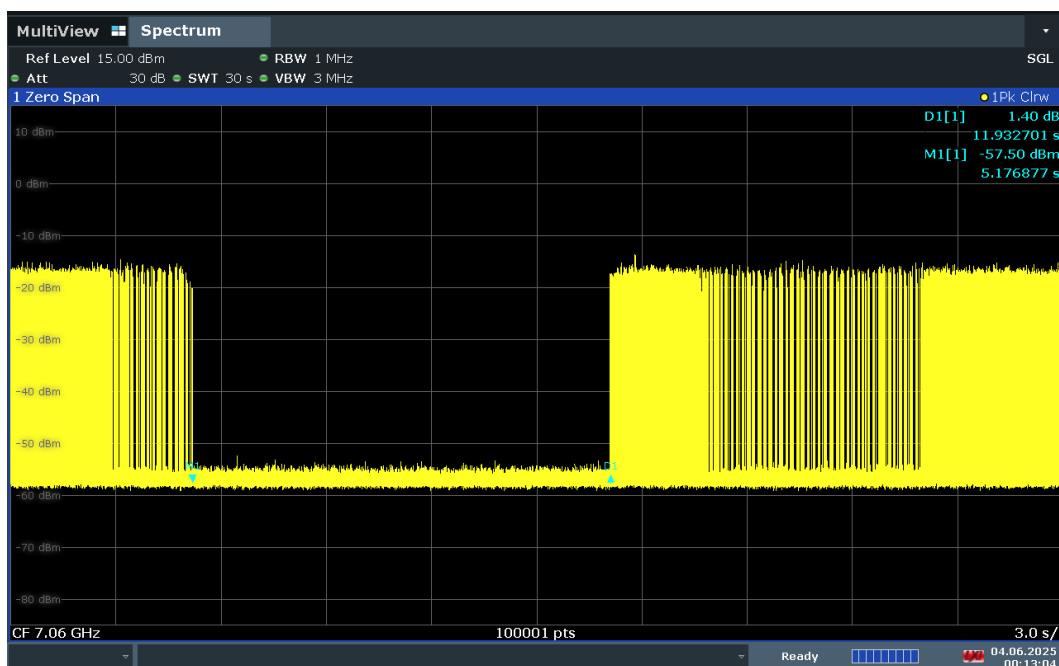
V 11.0 5/2025

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00:12:11 04.06.2025

Plot 7-507. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Mid



00:13:04 04.06.2025

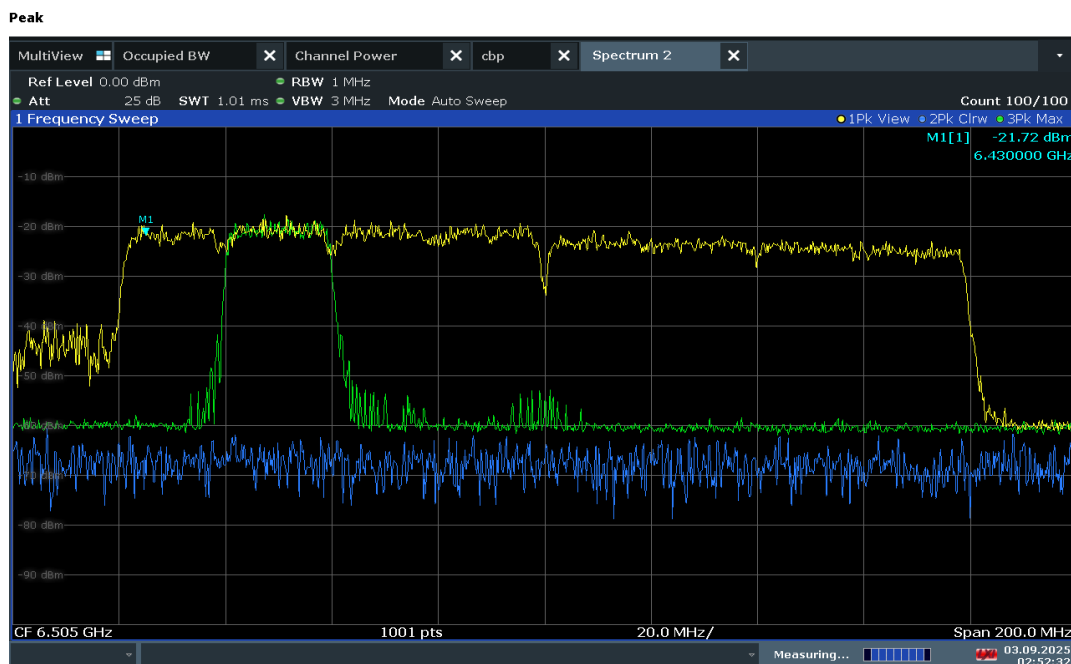
Plot 7-508. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – High

FCC ID: BCGA3358 IC: 579C-A3358	element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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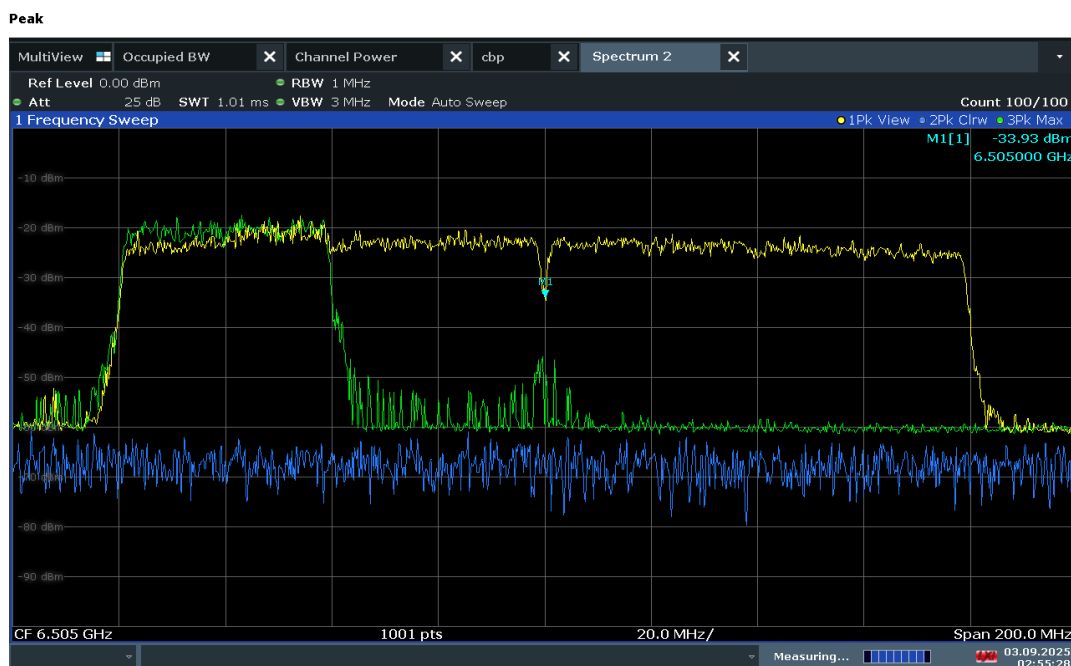
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Bandwidth Reduction Plots



02:52:33 03.09.2025

Plot 7-509. 160MHz Bandwidth, AWGN Signal Injected – 6430Mhz



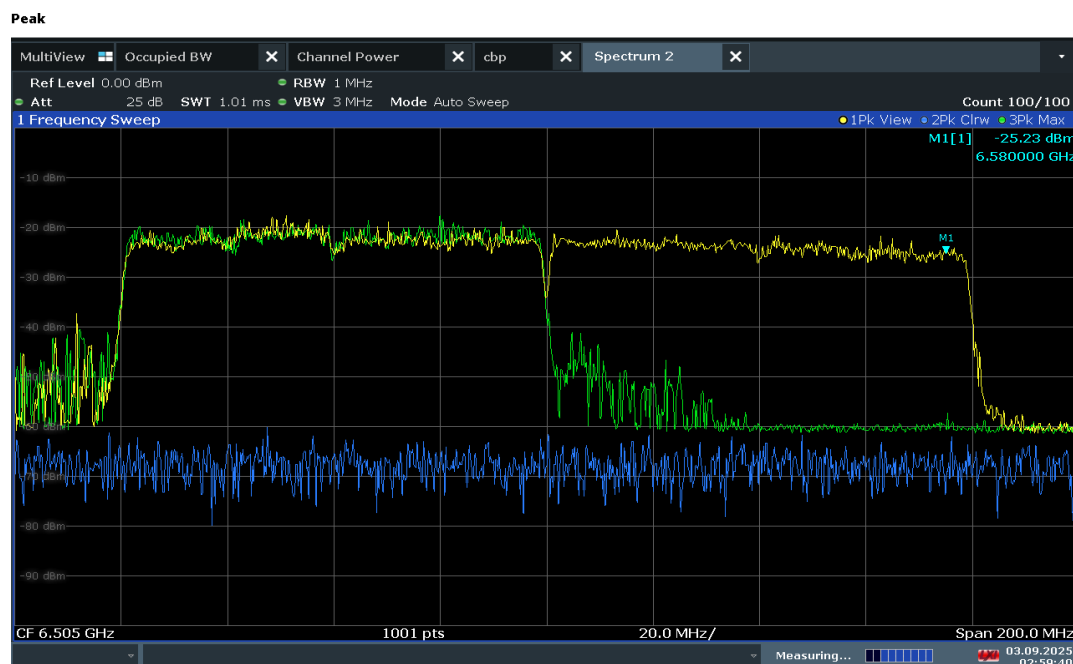
02:55:29 03.09.2025

Plot 7-510. 160MHz Bandwidth, AWGN Signal Injected – 6505MHz

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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02:59:40 03.09.2025

Plot 7-511. 160MHz Bandwidth, AWGN Signal Injected – 6580MHz

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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7.7 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, 802.11be(SU) (20MHz BW), 802.11be(SU) (40MHz BW), 802.11be(SU) (80MHz), 802.11be(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 5.925-7.125 GHz band: All emissions outside of the 5.925-7.125 GHz band shall not exceed an EIRP of –27 dBm/MHz. Emissions found in a restricted band are subject to the limits of 15.209 and RSS-Gen (8.9) as shown in the table below.

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

Table 7-81. 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

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

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Test Setup

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

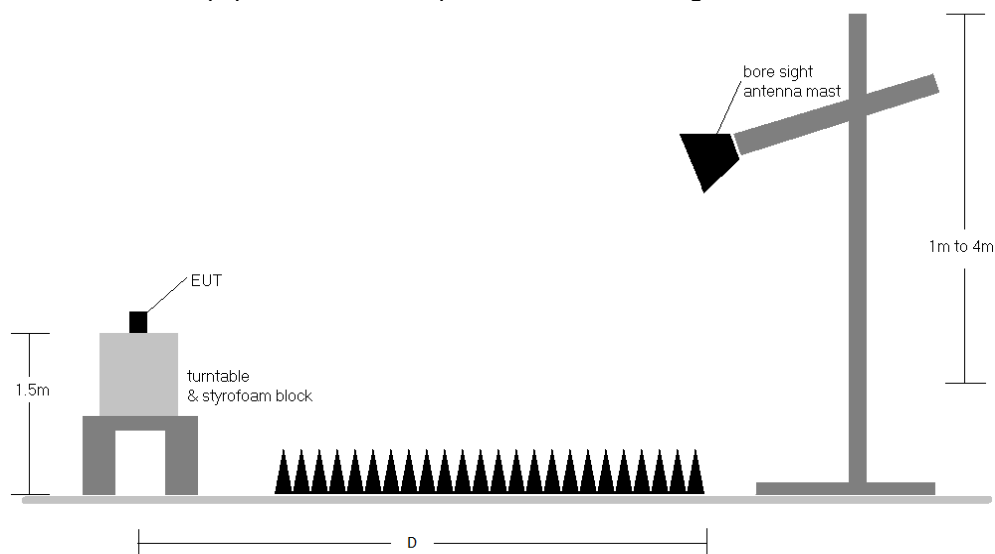


Figure 7-6. Test Instrument & Measurement Setup

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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 7-81.
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 7-81. All spurious emissions that do not lie in a restricted band are subject to a 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 were investigated and only the worse case is reported
9. The unit was tested with all possible modes and only the highest emission is reported.
10. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
11. All radiated measurements were tested at the highest supported power setting per band.

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]

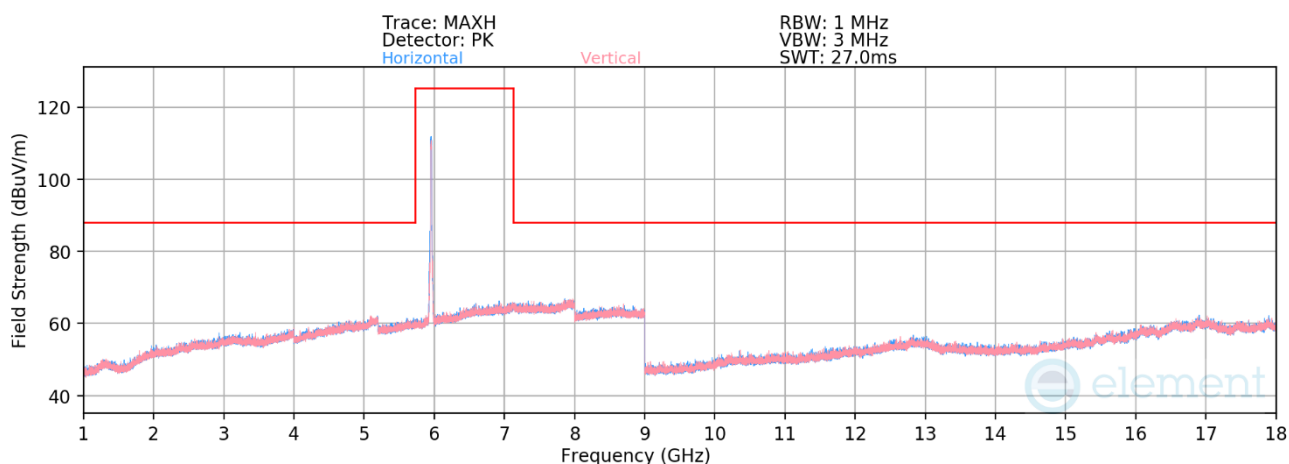
Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Sections 7.7.3 - 7.7.22 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

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7.7.1 CDD/SDM Primary Radiated Spurious Emission



Plot 7-512. Radiated Spurious Emissions 1-18GHz CDD Primary (802.11be – Ch. 1)

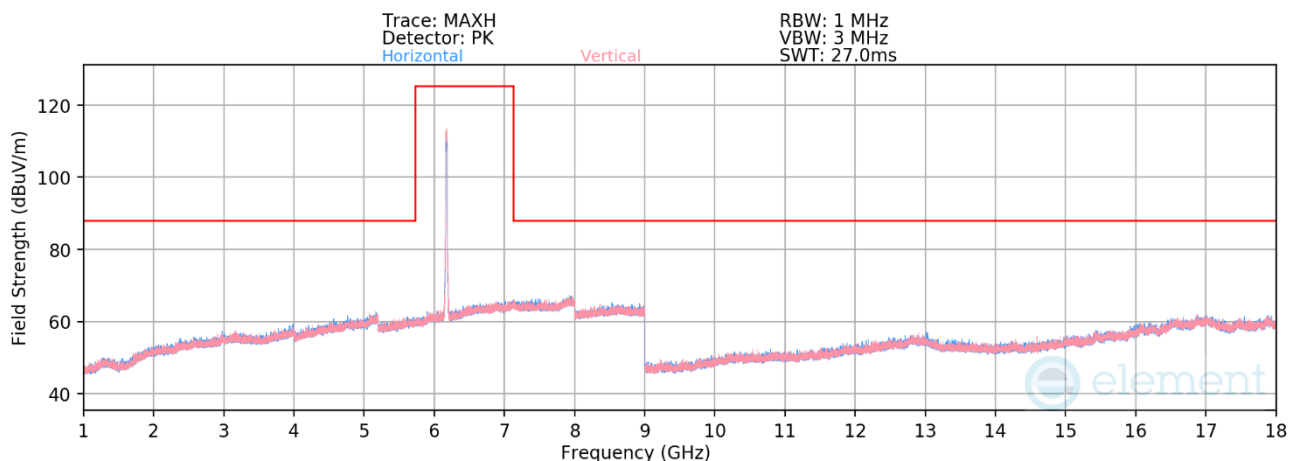
Mode:	802.11be
Data Rate:	MCS0
Distance of Measurements:	3 Meters
Operating Frequency:	5955MHz
Channel:	1

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]
* 11910.00	Average	H	-	-	-85.28	20.11	41.83	53.98	-12.15
* 11910.00	Peak	H	-	-	-74.07	20.11	53.04	73.98	-20.94
* 17865.00	Average	V	-	-	-85.65	26.03	47.38	53.98	-6.60
* 17865.00	Peak	V	-	-	-73.81	26.03	59.22	73.98	-14.76

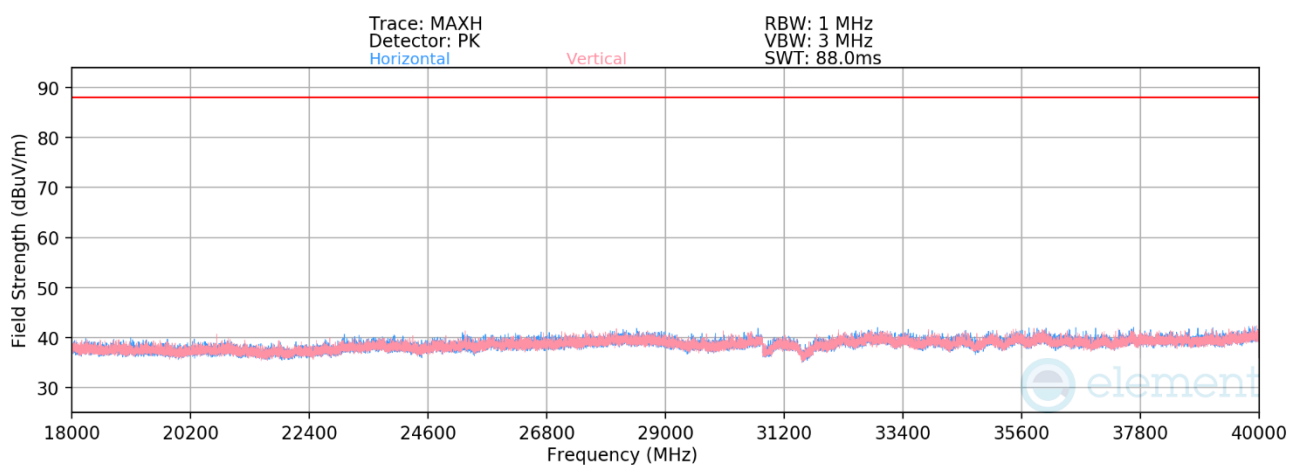
Table 7-82. Radiated Spurious Emission Measurements CDD Primary

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-513. Radiated Spurious Emissions 1-18GHz CDD Primary (802.11be – Ch. 45)



Plot 7-514. Radiated Spurious Emissions 18-40GHz CDD Primary (802.11be – Ch. 45)

Mode: 802.11be
Data Rate: MCS0
Distance of Measurements: 3 Meters
Operating Frequency: 6175MHz
Channel: 45

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]
* 12350.00	Average	V	-	-	-85.44	20.88	42.44	53.98	-11.54
* 12350.00	Peak	V	-	-	-74.27	20.88	53.61	73.98	-20.37

Table 7-83. Radiated Spurious Emission Measurements CDD Primary

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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