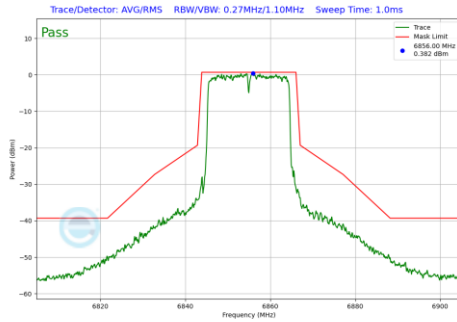
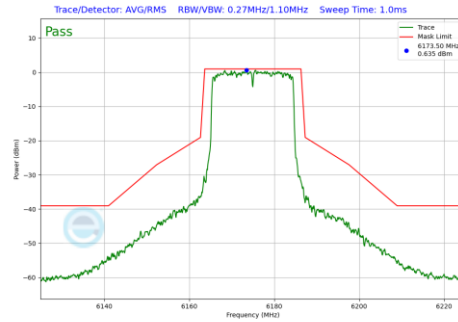
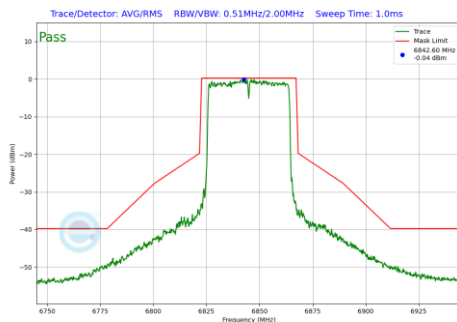




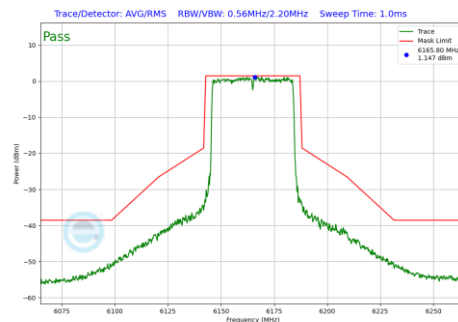
Plot 7-1205 In-Band Emission Plot CDD Diversity Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 7) - Ch.181)



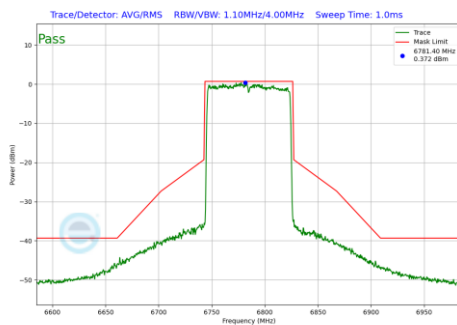
Plot 7-1209 In-Band Emission Plot CDD Diversity Antenna 4a(20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 5) - Ch.45)



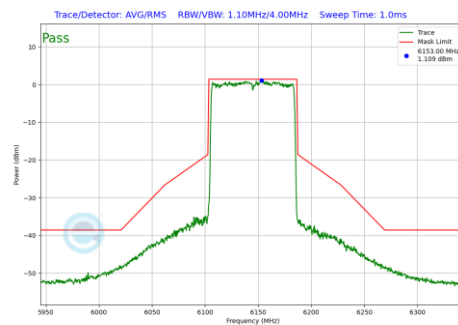
Plot 7-1206 In-Band Emission Plot CDD Diversity Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 7) - Ch.179)



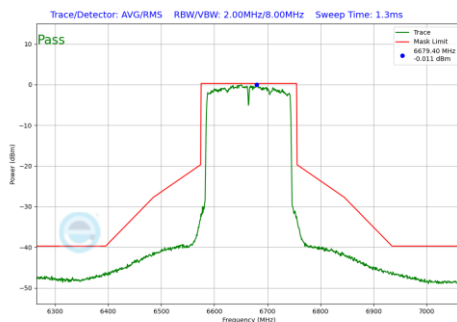
Plot 7-1210 In-Band Emission Plot CDD Diversity Antenna 4a(40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 5) - Ch.43)



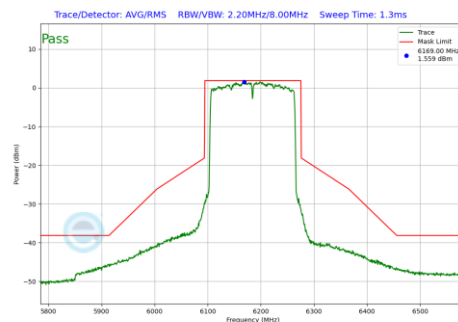
Plot 7-1207 In-Band Emission Plot CDD Diversity Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 7) - Ch.167)



Plot 7-1211 In-Band Emission Plot CDD Diversity Antenna 4a(80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 5) - Ch.39)

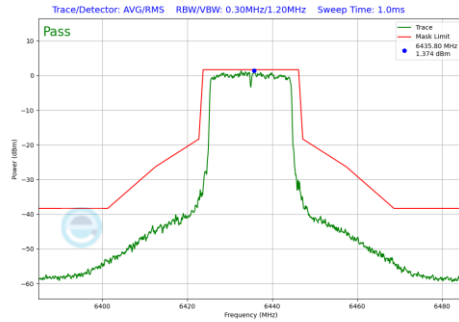


Plot 7-1208 In-Band Emission Plot CDD Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 7) - Ch.143)

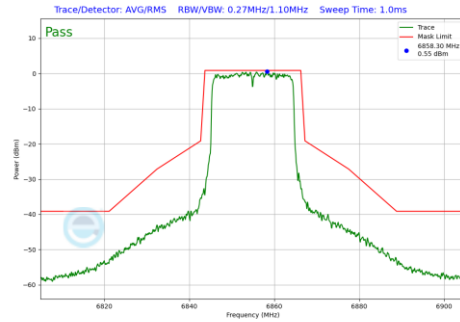


Plot 7-1212 In-Band Emission Plot CDD Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 5) - Ch.47)

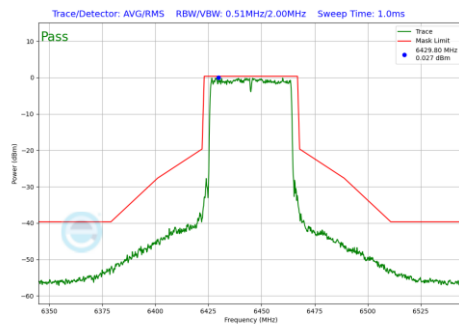
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 368 of 635



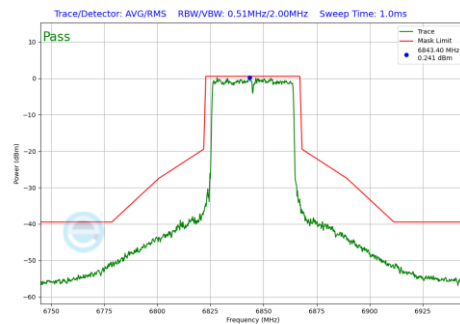
Plot 7-1213 In-Band Emission Plot CDD Diversity Antenna 4a(20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 6) - Ch.97)



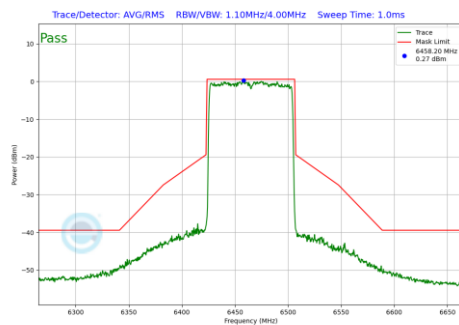
Plot 7-1217 In-Band Emission Plot CDD Diversity Antenna 4a(20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 7) - Ch.181)



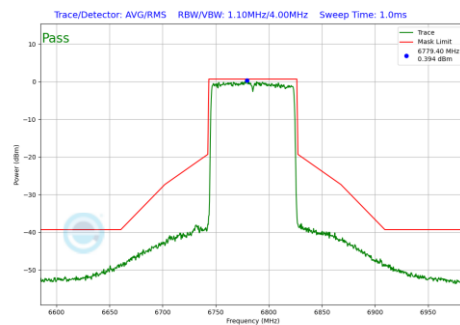
Plot 7-1214 In-Band Emission Plot CDD Diversity Antenna 4a(40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 6) - Ch.99)



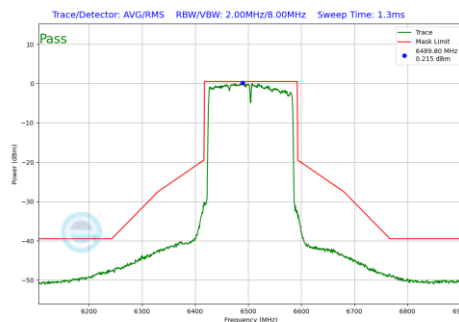
Plot 7-1218 In-Band Emission Plot CDD Diversity Antenna 4a(40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 7) - Ch.179)



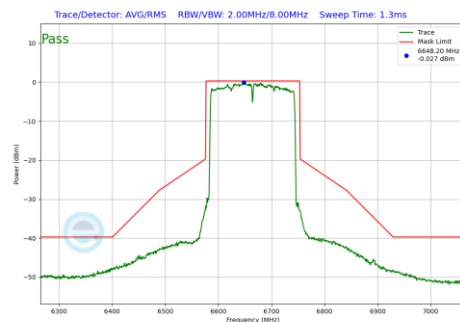
Plot 7-1215 In-Band Emission Plot CDD Diversity Antenna 4a(80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 6) - Ch.103)



Plot 7-1219 In-Band Emission Plot CDD Diversity Antenna 4a(80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 7) - Ch.167)



Plot 7-1216 In-Band Emission Plot CDD Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 6) - Ch.111)



Plot 7-1220 In-Band Emission Plot CDD Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 7) - Ch.143)

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 369 of 635

7.5.10 SDM Diversity In-Band Emission Measurements – LPI

	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate	Antenna 4a In-Band Emission	Antenna 2a In-Band Emission
Band 5	5955	1	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	6175	45	be (20MHz)	26	8	SDM	MCS5	Pass	Pass
	6415	93	be (20MHz)	26	8	SDM	MCS5	Pass	Pass
	5965	3	be (40MHz)	26	8	SDM	MCS5	Pass	Pass
	6165	43	be (40MHz)	26	17	SDM	MCS5	Pass	Pass
	6405	91	be (40MHz)	26	8	SDM	MCS5	Pass	Pass
	5985	7	be (80MHz)	26	17	SDM	MCS5	Pass	Pass
	6145	39	be (80MHz)	26	0	SDM	MCS5	Pass	Pass
	6385	87	be (80MHz)	26	17	SDM	MCS5	Pass	Pass
	6025	15	be (160MHz)	26	0-L	SDM	MCS5	Pass	Pass
Band 6	6185	47	be (160MHz)	26	0-L	SDM	MCS5	Pass	Pass
	6345	79	be (160MHz)	26	0-L	SDM	MCS5	Pass	Pass
	6435	97	be (20MHz)	26	8	SDM	MCS5	Pass	Pass
	6475	105	be (20MHz)	26	8	SDM	MCS5	Pass	Pass
	6515	113	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	6445	99	be (40MHz)	26	17	SDM	MCS5	Pass	Pass
	6485	107	be (40MHz)	26	17	SDM	MCS5	Pass	Pass
	6525	115	be (40MHz)	26	17	SDM	MCS5	Pass	Pass
Band 7	6465	103	be (80MHz)	26	36	SDM	MCS5	Pass	Pass
	6505	111	be (160MHz)	26	36-H	SDM	MCS5	Pass	Pass
	6535	117	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	6695	149	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	6875	185	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	6725	155	be (40MHz)	26	8	SDM	MCS5	Pass	Pass
	6845	179	be (40MHz)	26	17	SDM	MCS5	Pass	Pass
	6545	119	be (80MHz)	26	0	SDM	MCS5	Pass	Pass
	6705	151	be (80MHz)	26	0	SDM	MCS5	Pass	Pass
	6865	183	be (80MHz)	26	17	SDM	MCS5	Pass	Pass
Band 8	6665	143	be (160MHz)	26	36-H	SDM	MCS5	Pass	Pass
	6825	175	be (160MHz)	26	0-L	SDM	MCS5	Pass	Pass
	6895	189	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	6995	209	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	7095	229	be (20MHz)	26	0	SDM	MCS5	Pass	Pass
	6885	187	be (40MHz)	26	0	SDM	MCS5	Pass	Pass
	7005	211	be (40MHz)	26	0	SDM	MCS5	Pass	Pass
	7085	227	be (40MHz)	26	17	SDM	MCS5	Pass	Pass
	6945	199	be (80MHz)	26	17	SDM	MCS5	Pass	Pass
	7025	215	be (80MHz)	26	17	SDM	MCS5	Pass	Pass
	6985	207	be (160MHz)	26	36-L	SDM	MCS5	Pass	Pass

Table 7-197. In-Band Emission Measurements SDM Diversity (RU26)

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 370 of 635

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	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate	Antenna 4a In-Band Emission	Antenna 2a In-Band Emission
Band 5	5955	1	be (20MHz)	106+26	83	SDM	MCS5	Pass	Pass
	6175	45	be (20MHz)	106+26	83	SDM	MCS5	Pass	Pass
	6415	93	be (20MHz)	106+26	83	SDM	MCS5	Pass	Pass
	5985	7	be (80MHz)	484+242	92	SDM	MCS5	Pass	Pass
	6145	39	be (80MHz)	484+242	93	SDM	MCS5	Pass	Pass
	6385	87	be (80MHz)	484+242	92	SDM	MCS5	Pass	Pass
	6025	15	be (160MHz)	996+484+242	99-L	SDM	MCS5	Pass	Pass
	6185	47	be (160MHz)	996+484+242	96-L	SDM	MCS5	Pass	Pass
Band 6	6345	79	be (160MHz)	996+484+242	96-L	SDM	MCS5	Pass	Pass
	6435	97	be (20MHz)	106+26	82	SDM	MCS5	Pass	Pass
	6475	105	be (20MHz)	106+26	82	SDM	MCS5	Pass	Pass
	6515	113	be (20MHz)	106+26	82	SDM	MCS5	Pass	Pass
	6465	103	be (80MHz)	484+242	90	SDM	MCS5	Pass	Pass
Band 7	6505	111	be (160MHz)	996+484+242	99-L	SDM	MCS5	Pass	Pass
	6535	117	be (20MHz)	106+26	82	SDM	MCS5	Pass	Pass
	6695	149	be (20MHz)	106+26	82	SDM	MCS5	Pass	Pass
	6875	185	be (20MHz)	106+26	83	SDM	MCS5	Pass	Pass
	6545	119	be (80MHz)	484+242	92	SDM	MCS5	Pass	Pass
	6705	151	be (80MHz)	484+242	90	SDM	MCS5	Pass	Pass
	6865	183	be (80MHz)	484+242	92	SDM	MCS5	Pass	Pass
	6665	143	be (160MHz)	996+484+242	96-L	SDM	MCS5	Pass	Pass
Band 8	6825	175	be (160MHz)	996+484+242	96-L	SDM	MCS5	Pass	Pass
	6895	189	be (20MHz)	106+26	83	SDM	MCS5	Pass	Pass
	6995	209	be (20MHz)	106+26	82	SDM	MCS5	Pass	Pass
	7095	229	be (20MHz)	106+26	82	SDM	MCS5	Pass	Pass
	6945	199	be (80MHz)	484+242	92	SDM	MCS5	Pass	Pass
	7025	215	be (80MHz)	484+242	90	SDM	MCS5	Pass	Pass
	6985	207	be (160MHz)	996+484+242	99-L	SDM	MCS5	Pass	Pass

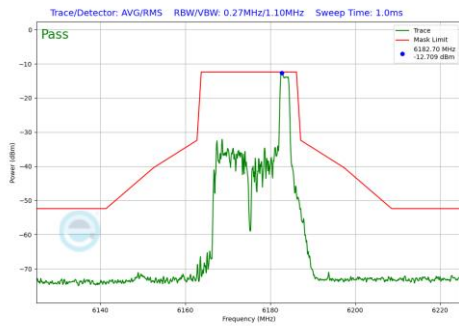
Table 7-198. In-Band Emission Measurements SDM Diversity(MRU)

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 371 of 635

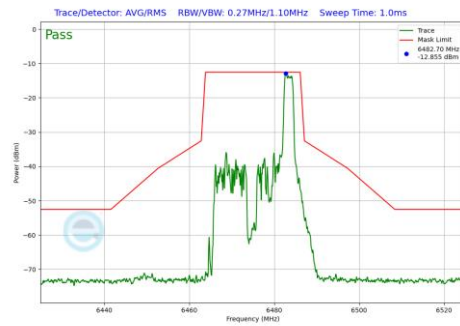
	Frequency [MHz]	Channel	802.11 MODE	RU Size	RU Index	Mode	Data Rate	Antenna 4a In-Band Emission	Antenna 2a In-Band Emission
Band 5	5955	1	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6175	45	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6415	93	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	5965	3	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6165	43	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6405	91	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	5985	7	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6145	39	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6385	87	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6025	15	be (160MHz)	996x2	68	SDM	MCS5	Pass	Pass
Band 6	6185	47	be (160MHz)	996x2	68	SDM	MCS5	Pass	Pass
	6345	79	be (160MHz)	996x2	68	SDM	MCS5	Pass	Pass
	6435	97	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6475	105	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6515	113	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6445	99	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6485	107	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6525	115	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6465	103	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6505	111	be (160MHz)	996x2	68	SDM	MCS5	Pass	Pass
Band 7	6535	117	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6695	149	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6875	185	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6565	123	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6725	155	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6845	179	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6545	119	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6705	151	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6865	183	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6665	143	be (160MHz)	996x2	68	SDM	MCS5	Pass	Pass
Band 8	6825	175	be (160MHz)	996x2	68	SDM	MCS5	Pass	Pass
	6895	189	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6995	209	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	7095	229	be (20MHz)	242	61	SDM	MCS5	Pass	Pass
	6885	187	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	7005	211	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	7085	227	be (40MHz)	484	65	SDM	MCS5	Pass	Pass
	6945	199	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	7025	215	be (80MHz)	996	67	SDM	MCS5	Pass	Pass
	6985	207	be (160MHz)	996x2	68	SDM	MCS5	Pass	Pass

Table 7-199. In-Band Emission Measurements SDM Diversity (Fully – Loaded RU)

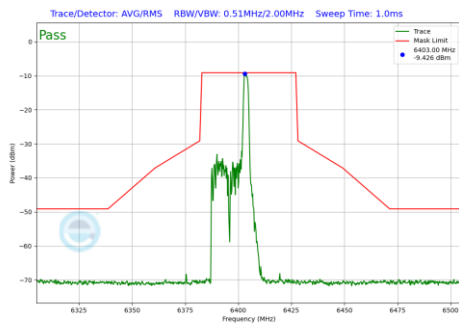
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 372 of 635



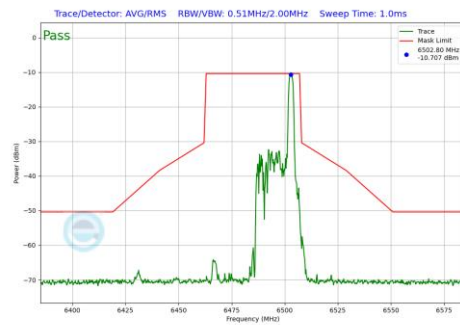
Plot 7-1221 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 5) - Ch.45)



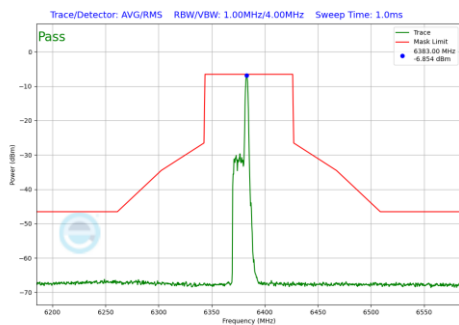
Plot 7-1225 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 6) - Ch.105)



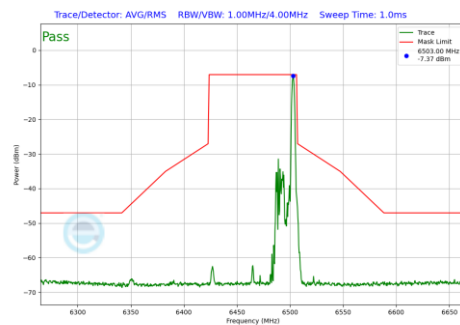
Plot 7-1222 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU26 Index8 (UNII Band 5) - Ch.91)



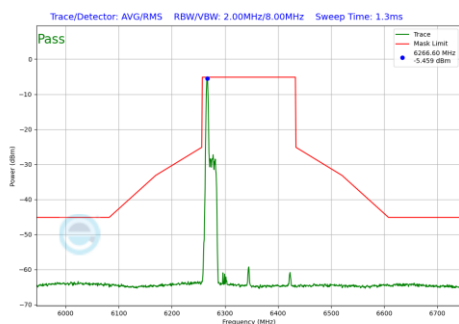
Plot 7-1226 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.107)



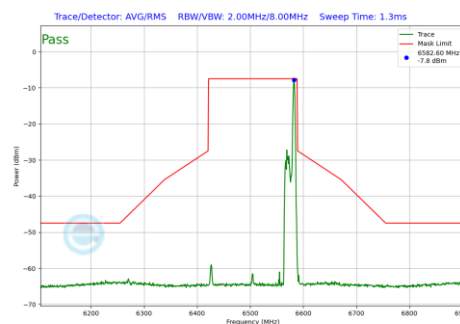
Plot 7-1223 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU26 Index17 (UNII Band 5) - Ch.87)



Plot 7-1227 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU26 Index36 (UNII Band 6) - Ch.103)

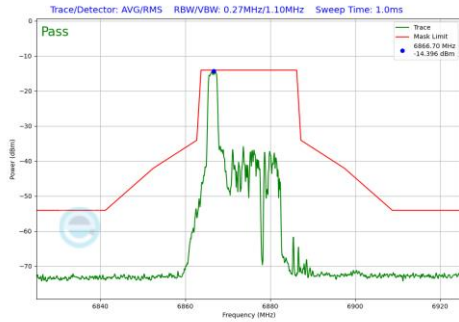


Plot 7-1224 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.79)

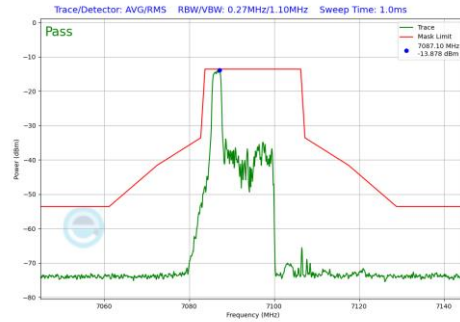


Plot 7-1228 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU26 Index36 (UNII Band 6) - Ch.111)

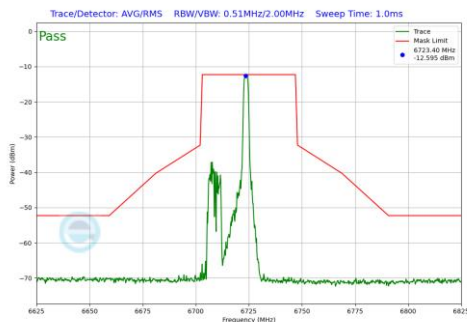
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-1229 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 7) - Ch.185)



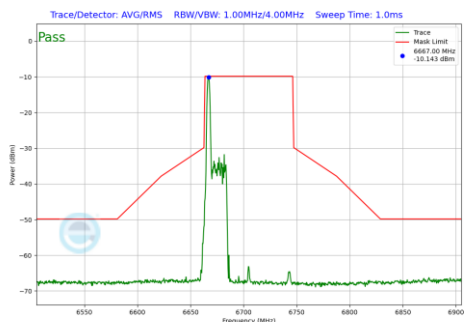
Plot 7-1233 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 8) - Ch.229)



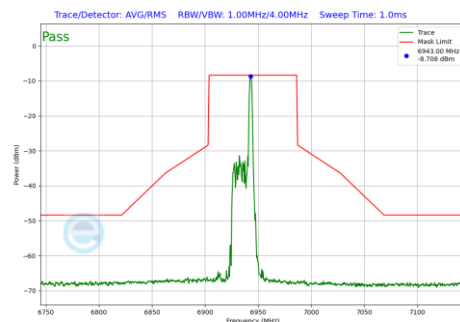
Plot 7-1230 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU26 Index8 (UNII Band 7) - Ch.155)



Plot 7-1234 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU26 Index17 (UNII Band 8) - Ch.227)



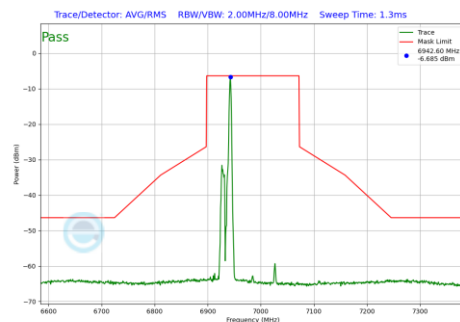
Plot 7-1231 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU26 Index0 (UNII Band 7) - Ch.151)



Plot 7-1235 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU26 Index17 (UNII Band 8) - Ch.199)

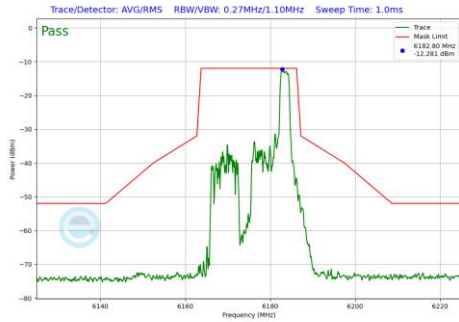


Plot 7-1232 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU26 Index36 (UNII Band 7) - Ch.143)

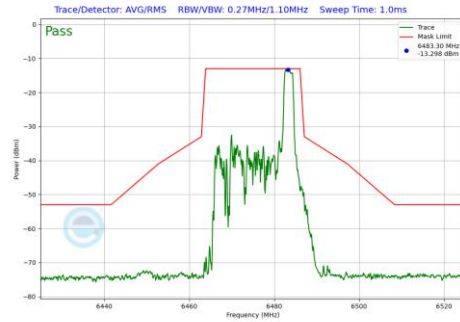


Plot 7-1236 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU26 Index17 (UNII Band 8) - Ch.207)

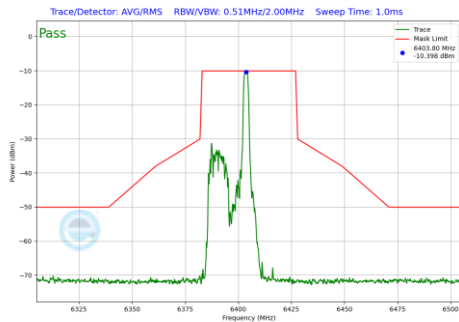
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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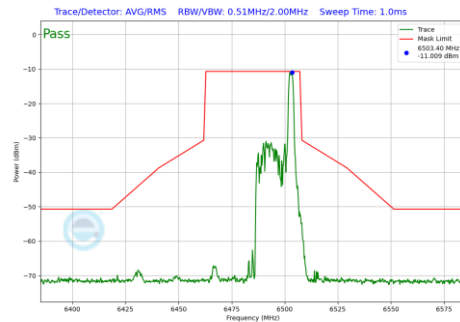
Plot 7-1237 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 5) - Ch.45)



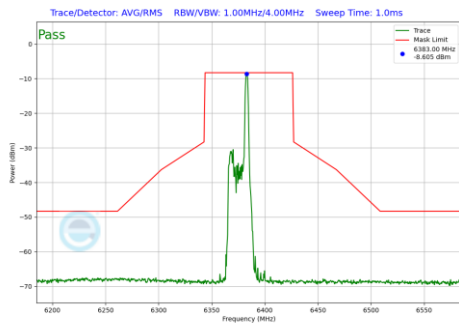
Plot 7-1241 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU26 Index8 (UNII Band 6) - Ch.105)



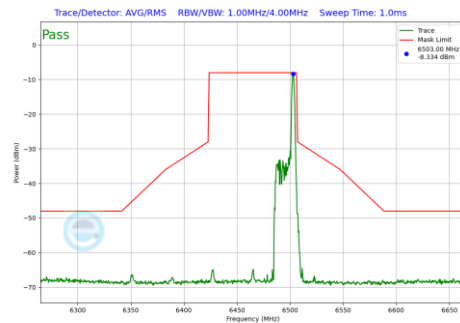
Plot 7-1238 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU26 Index8 (UNII Band 5) - Ch.91)



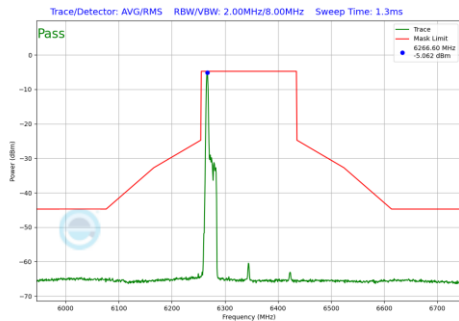
Plot 7-1242 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU26 Index17 (UNII Band 6) - Ch.107)



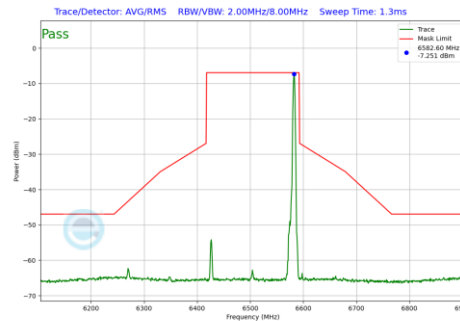
Plot 7-1239 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU26 Index17 (UNII Band 5) - Ch.87)



Plot 7-1243 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU26 Index36 (UNII Band 6) - Ch.103)

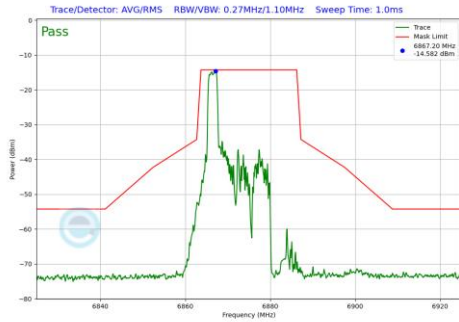


Plot 7-1240 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU26 Index0 (UNII Band 5) - Ch.79)

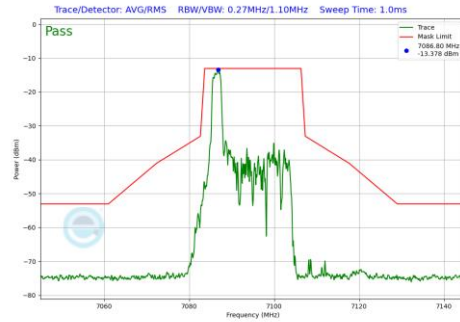


Plot 7-1244 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU26 Index36 (UNII Band 6) - Ch.111)

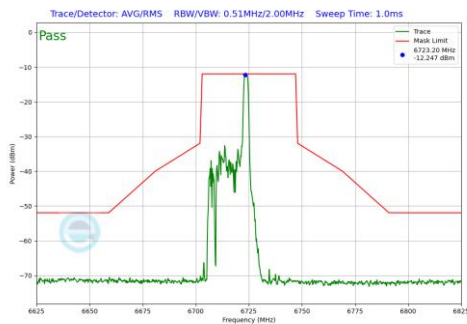
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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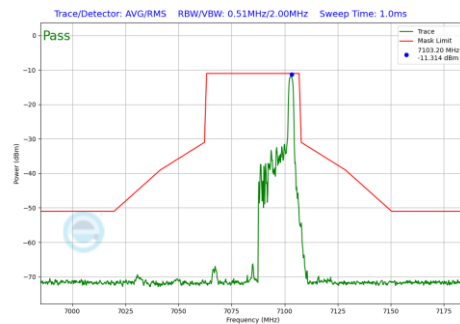
Plot 7-1245 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 7) - Ch.185)



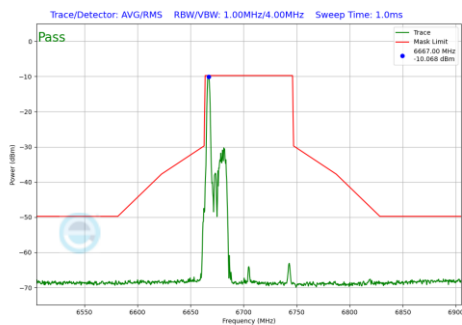
Plot 7-1249 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU26 Index0 (UNII Band 8) - Ch.229)



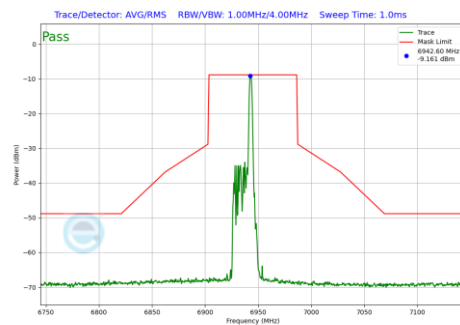
Plot 7-1246 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU26 Index8 (UNII Band 7) - Ch.155)



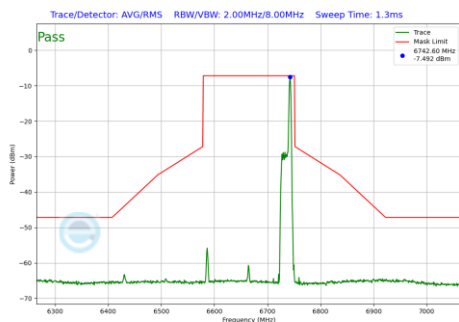
Plot 7-1250 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU26 Index17 (UNII Band 8) - Ch.227)



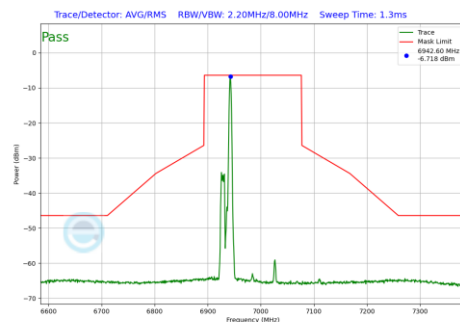
Plot 7-1247 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU26 Index0 (UNII Band 7) - Ch.151)



Plot 7-1251 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU26 Index17 (UNII Band 8) - Ch.199)

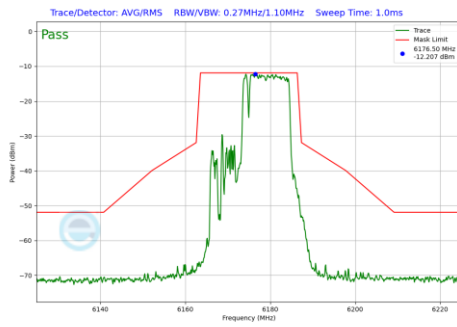


Plot 7-1248 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU26 Index36 (UNII Band 7) - Ch.143)

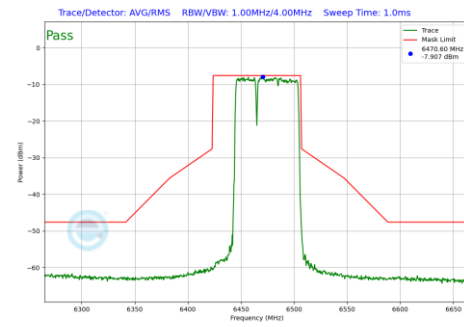


Plot 7-1252 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU26 Index17 (UNII Band 8) - Ch.207)

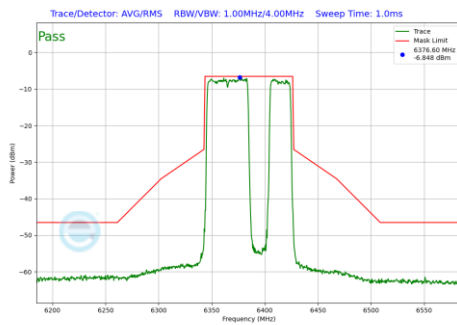
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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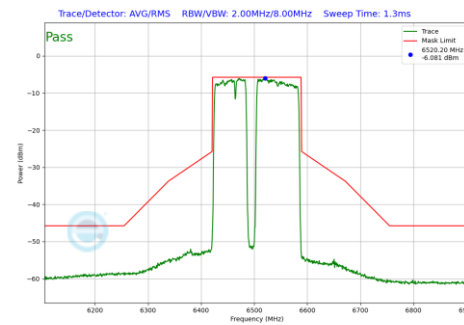
Plot 7-1253 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU106+26 Index83 (UNII Band 5) - Ch.45)



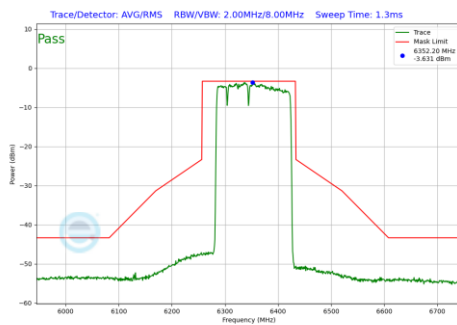
Plot 7-1257 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index90 (UNII Band 6) - Ch.103)



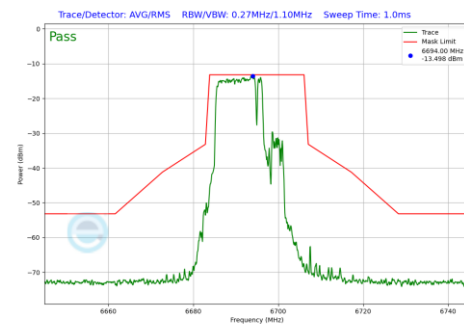
Plot 7-1254 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index92 (UNII Band 5) - Ch.87)



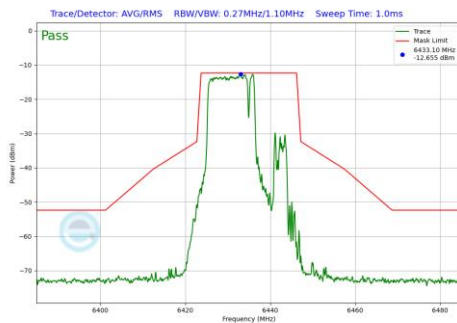
Plot 7-1258 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 6) - Ch.111)



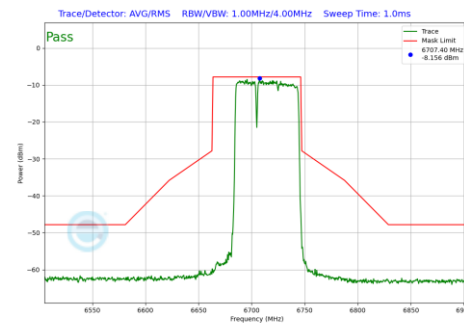
Plot 7-1255 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996+484+242 Index96 (UNII Band 5) - Ch.79)



Plot 7-1259 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 7) - Ch.149)

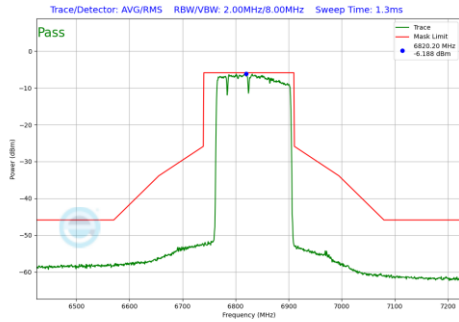


Plot 7-1256 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 6) - Ch.97)

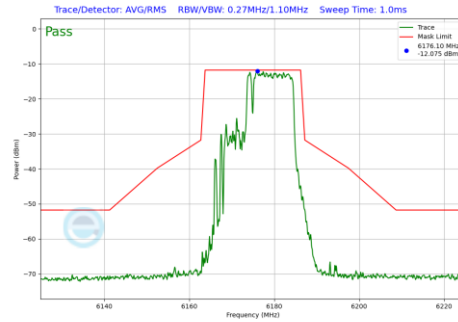


Plot 7-1260 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index90 (UNII Band 7) - Ch.151)

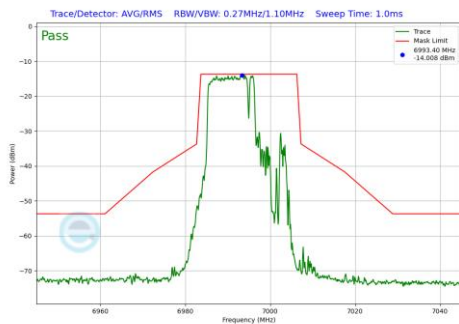
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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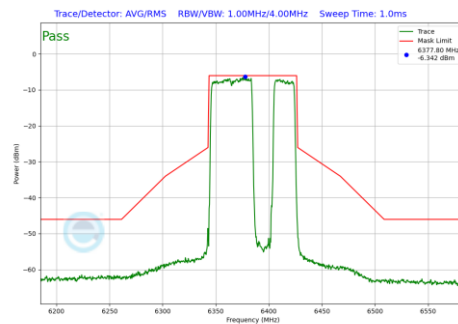
Plot 7-1261 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996+484+242 Index96 (UNII Band 7) - Ch.175)



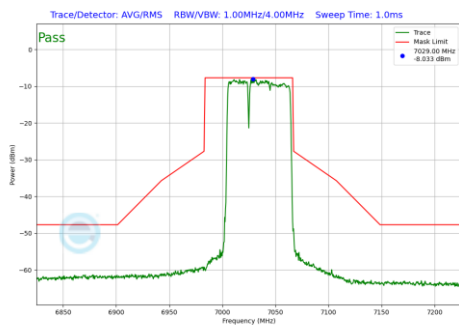
Plot 7-1265 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index83 (UNII Band 5) - Ch.45)



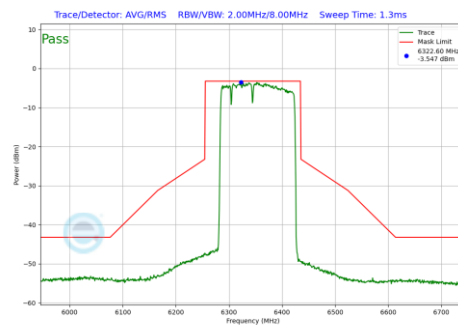
Plot 7-1262 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 8) - Ch.209)



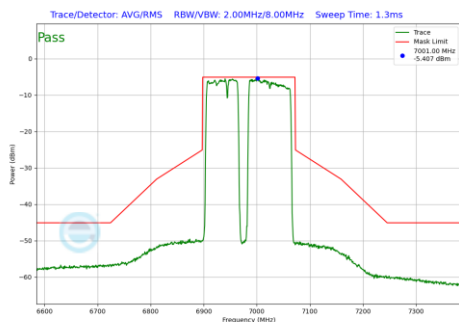
Plot 7-1266 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU484+242 Index92 (UNII Band 5) - Ch.87)



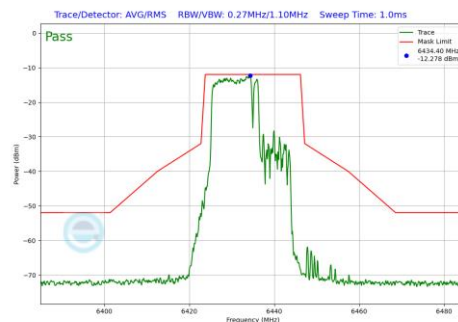
Plot 7-1263 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU484+242 Index90 (UNII Band 8) - Ch.215)



Plot 7-1267 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index96 (UNII Band 5) - Ch.79)

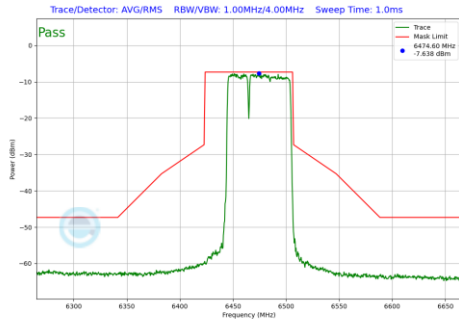


Plot 7-1264 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 8) - Ch.207)

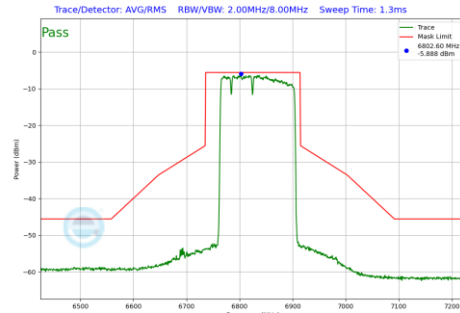


Plot 7-1268 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 6) - Ch.97)

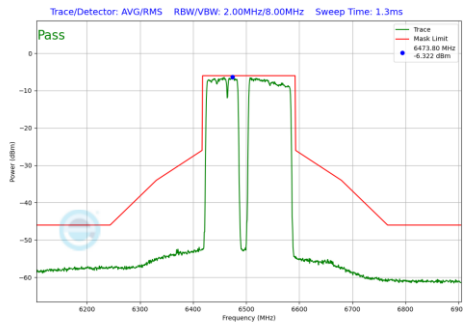
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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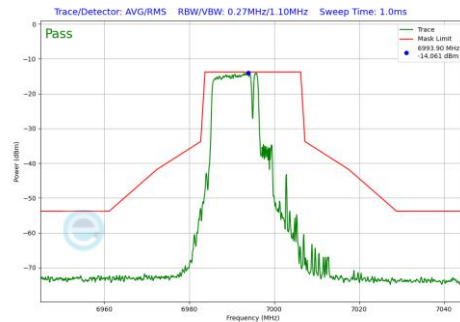
Plot 7-1269 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU484+242 Index90 (UNII Band 6) - Ch.103)



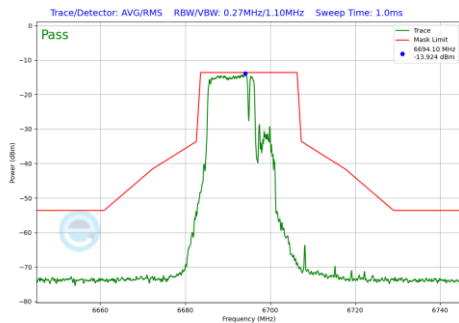
Plot 7-1273 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index96 (UNII Band 7) - Ch.175)



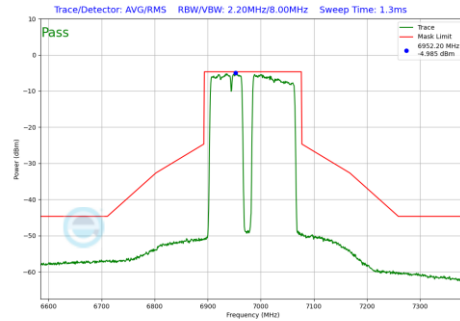
Plot 7-1270 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 6) - Ch.111)



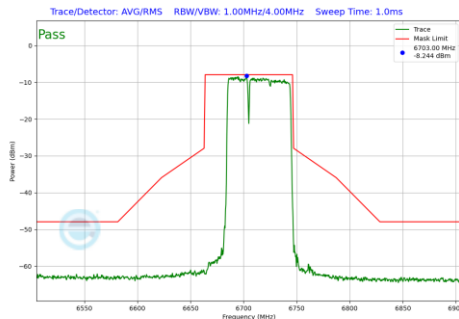
Plot 7-1274 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 8) - Ch.209)



Plot 7-1271 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU106+26 Index82 (UNII Band 7) - Ch.149)

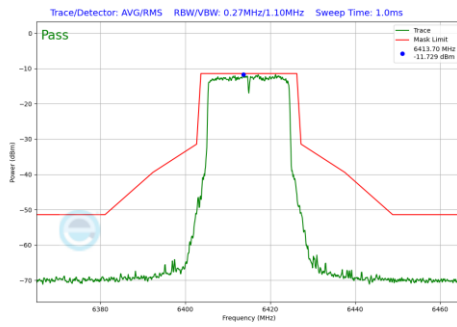


Plot 7-1275 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996+484+242 Index99 (UNII Band 8) - Ch.207)

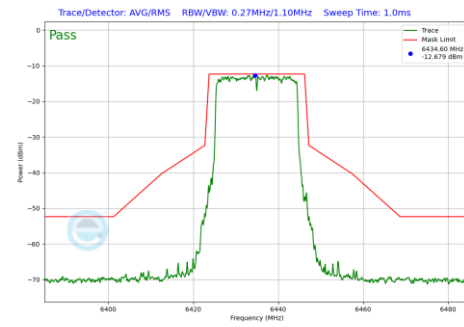


Plot 7-1272 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU484+242 Index90 (UNII Band 7) - Ch.151)

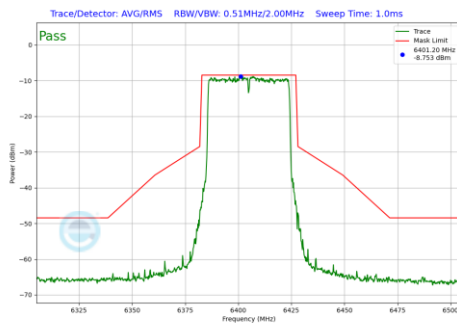
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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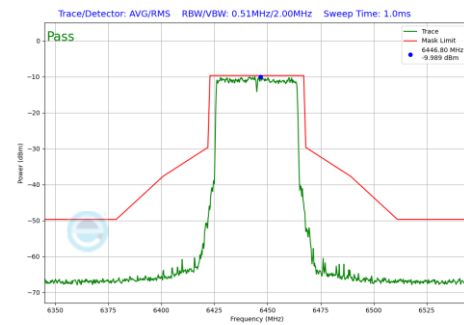
Plot 7-1276 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 5) - Ch.93)



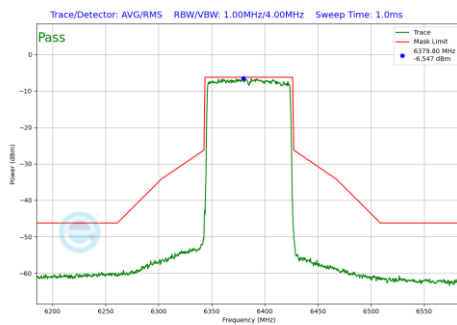
Plot 7-1280 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 6) - Ch.97)



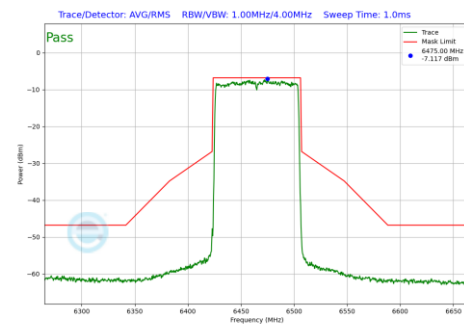
Plot 7-1277 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 5) - Ch.91)



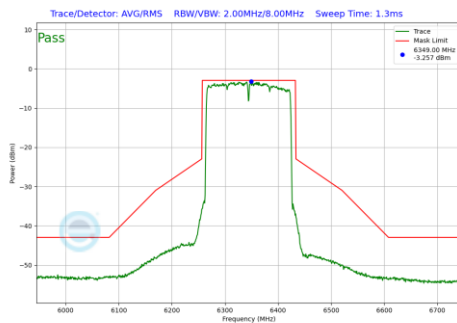
Plot 7-1281 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 6) - Ch.99)



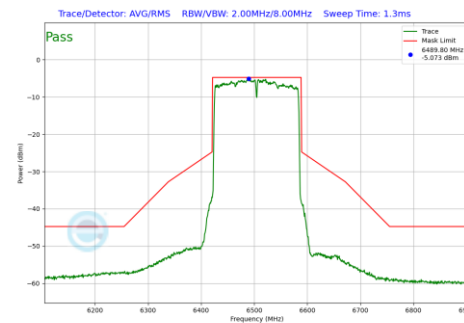
Plot 7-1278 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 5) - Ch.87)



Plot 7-1282 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 6) - Ch.103)

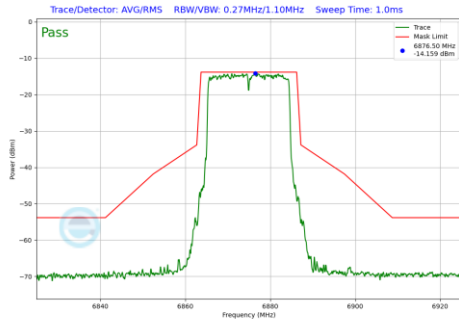


Plot 7-1279 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 5) - Ch.79)

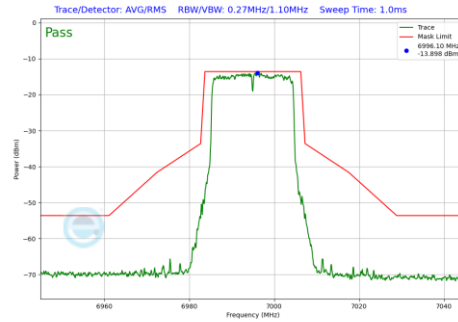


Plot 7-1283 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 6) - Ch.111)

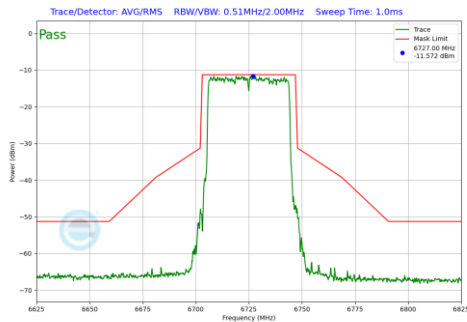
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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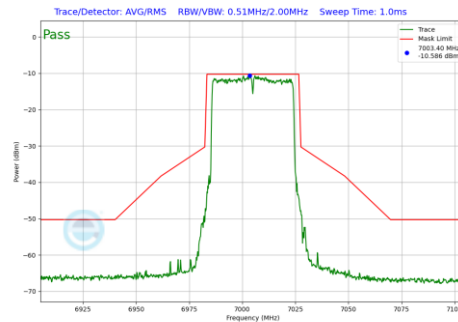
Plot 7-1284 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 7) - Ch.185)



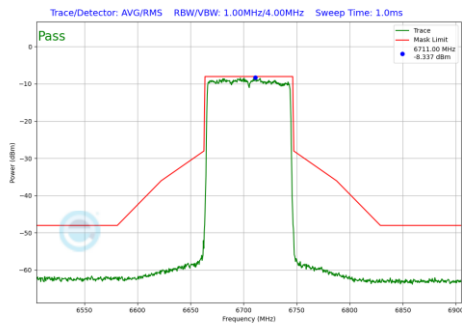
Plot 7-1288 In-Band Emission Plot SDM Diversity Antenna 2a (20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 8) - Ch.209)



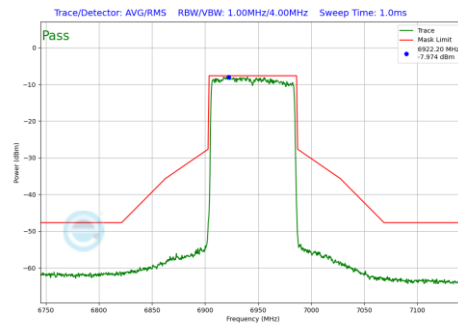
Plot 7-1285 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 7) - Ch.155)



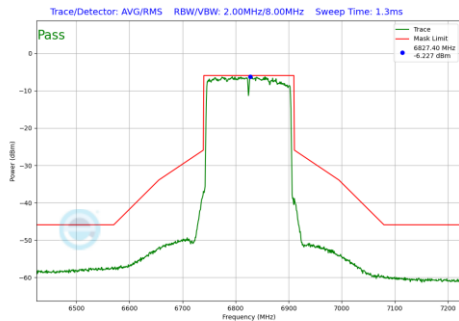
Plot 7-1289 In-Band Emission Plot SDM Diversity Antenna 2a (40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 8) - Ch.211)



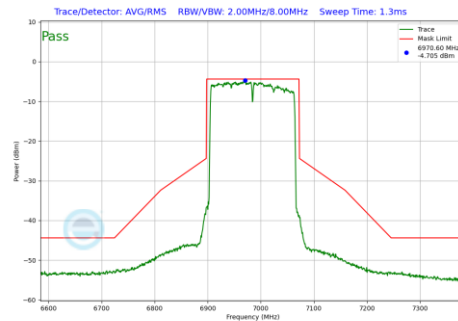
Plot 7-1286 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 7) - Ch.151)



Plot 7-1290 In-Band Emission Plot SDM Diversity Antenna 2a (80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 8) - Ch.199)

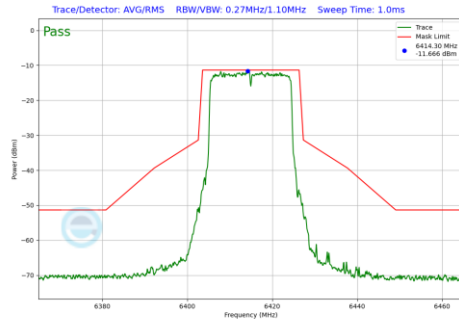


Plot 7-1287 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 7) - Ch.175)

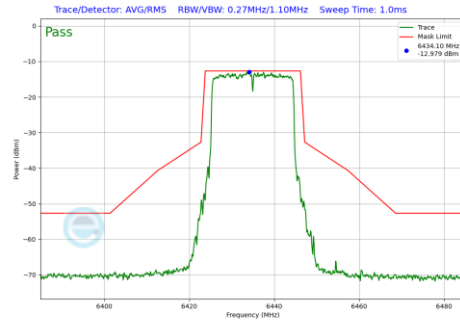


Plot 7-1291 In-Band Emission Plot SDM Diversity Antenna 2a (160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 8) - Ch.207)

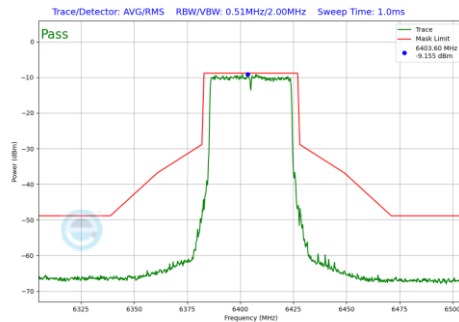
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG			Page 381 of 635
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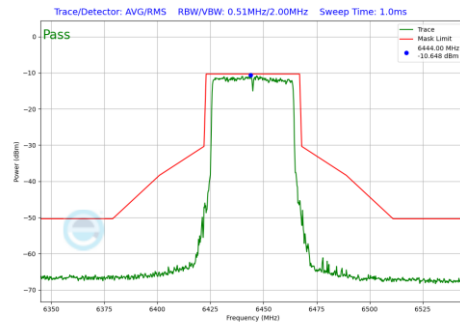
Plot 7-1292 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 5) - Ch.93)



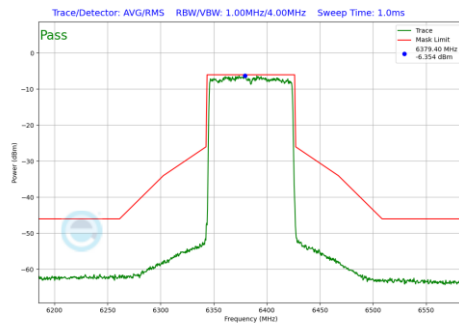
Plot 7-1296 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 6) - Ch.97)



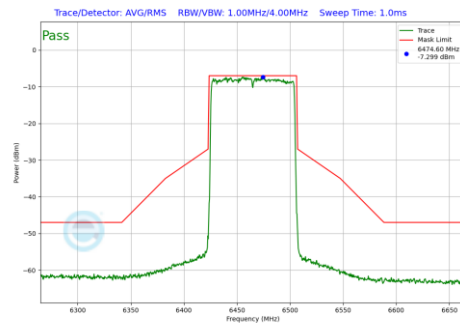
Plot 7-1293 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 5) - Ch.91)



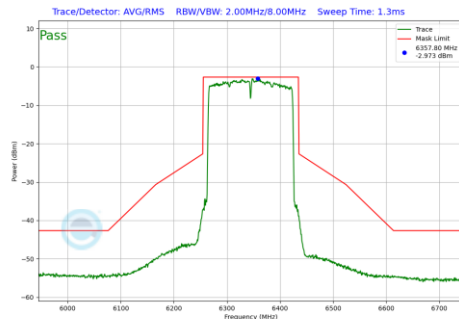
Plot 7-1297 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 6) - Ch.99)



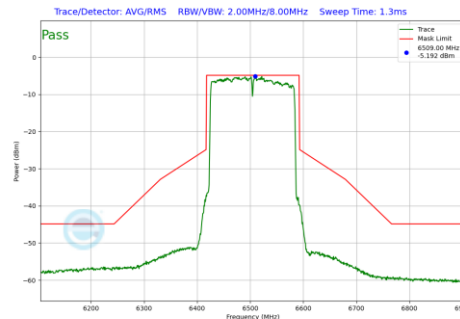
Plot 7-1294 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 5) - Ch.87)



Plot 7-1298 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 6) - Ch.103)

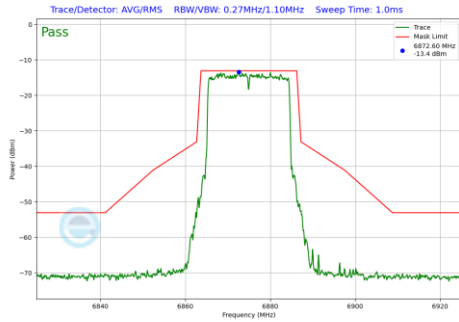


Plot 7-1295 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 5) - Ch.79)

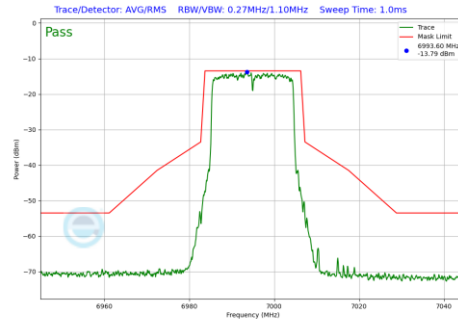


Plot 7-1299 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 6) - Ch.111)

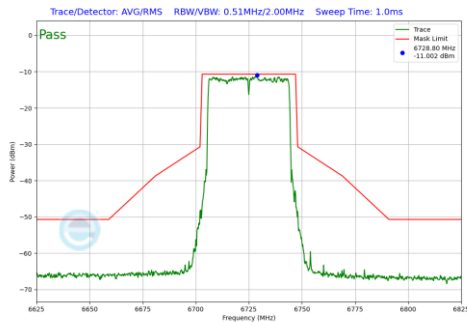
FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 382 of 635



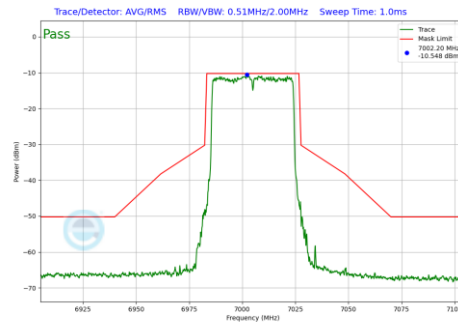
Plot 7-1300 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 7) - Ch.185)



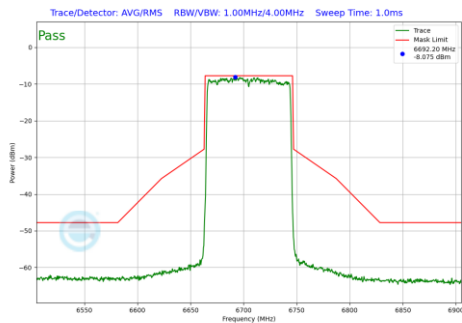
Plot 7-1304 In-Band Emission Plot SDM Diversity Antenna 4a(20MHz BW 802.11be(RU) RU242 Index61 (UNII Band 8) - Ch.209)



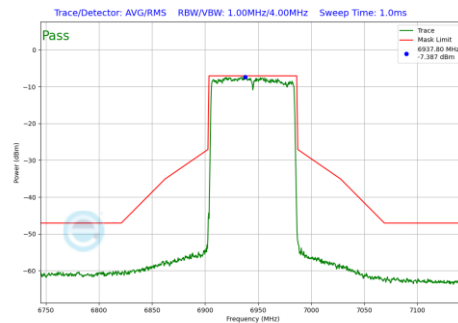
Plot 7-1301 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 7) - Ch.155)



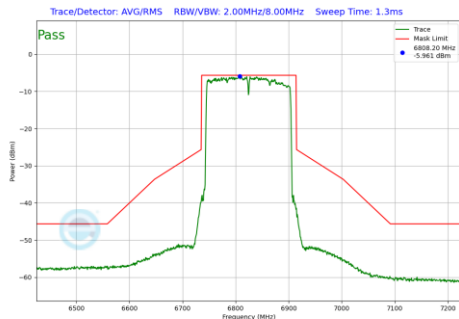
Plot 7-1305 In-Band Emission Plot SDM Diversity Antenna 4a(40MHz BW 802.11be(RU) RU484 Index65 (UNII Band 8) - Ch.211)



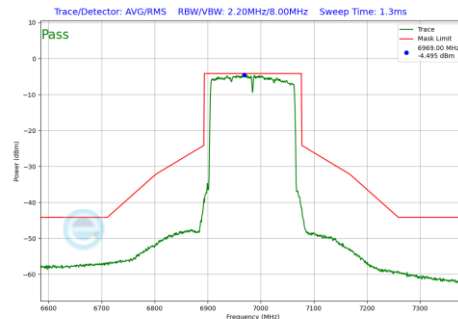
Plot 7-1302 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 7) - Ch.151)



Plot 7-1306 In-Band Emission Plot SDM Diversity Antenna 4a(80MHz BW 802.11be(RU) RU996 Index67 (UNII Band 8) - Ch.199)



Plot 7-1303 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 7) - Ch.175)



Plot 7-1307 In-Band Emission Plot SDM Diversity Antenna 4a(160MHz BW 802.11be(RU) RU996X2 Index68 (UNII Band 8) - Ch.207)

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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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.

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Test Setup

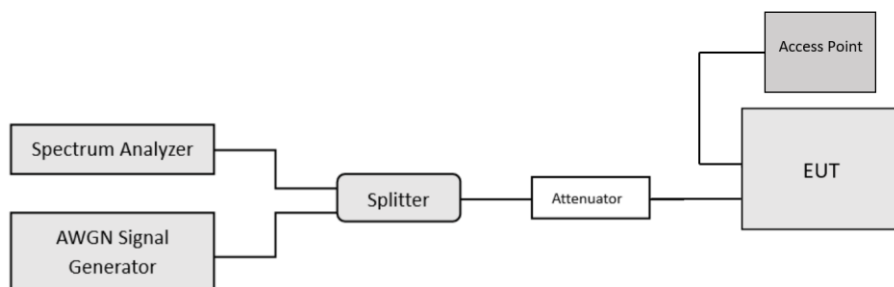


Figure 2. Contention-based protocol test setup, conducted method

Test Notes

1. The EUT does support 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 Guidance from 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: BCGA3361 IC: 579C-A3361		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	-2.70	-62.93	-62.0	-0.93
				6110	-67.66	-2.70	-64.96	-62.0	-2.96
	47	6185	160	6185	-66.68	-2.70	-63.98	-62.0	-1.98
				6260	-66.56	-2.70	-63.86	-62.0	-1.86
UNII Band 6	101	6455	20	6455	-66.53	-2.70	-63.83	-62.0	-1.83
				6430	-66.51	-2.70	-63.81	-62.0	-1.81
	111	6505	160	6505	-66.55	-2.70	-63.85	-62.0	-1.85
				6580	-66.61	-2.70	-63.91	-62.0	-1.91
UNII Band 7	149	6695	20	6695	-65.73	-2.70	-63.03	-62.0	-1.03
				6590	-66.63	-2.70	-63.93	-62.0	-1.93
	143	6665	160	6665	-66.74	-2.70	-64.04	-62.0	-2.04
				6740	-66.80	-2.70	-64.10	-62.0	-2.10
UNII Band 8	197	6935	20	6935	-65.71	-2.70	-63.01	-62.0	-1.01
				6910	-66.69	-2.70	-63.99	-62.0	-1.99
	207	6985	160	6985	-66.74	-2.70	-64.04	-62.0	-2.04
				7060	-66.59	-2.70	-63.89	-62.0	-1.89

Table 7-200. 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	-74.11	-64.18	-62.93
				6110	-76.14	-66.21	-64.96
	47	6185	160	6185	-75.16	-65.23	-63.98
				6260	-75.04	-65.11	-63.86
UNII Band 6	101	6455	20	6455	-75.01	-65.08	-63.83
				6430	-74.99	-65.06	-63.81
	111	6505	160	6505	-75.03	-65.10	-63.85
				6580	-75.09	-65.16	-63.91
UNII Band 7	149	6695	20	6695	-74.01	-64.25	-63.03
				6750	-74.91	-65.15	-63.93
	143	6665	160	6825	-75.02	-65.26	-64.04
				6900	-75.08	-65.32	-64.10
UNII Band 8	197	6935	20	6935	-73.99	-64.23	-63.01
				6910	-74.97	-65.21	-63.99
	207	6985	160	6985	-75.02	-65.26	-64.04
				7060	-74.87	-65.11	-63.89

Table 7-201. Contention Based Protocol – Detection Results – All Tx Cases

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 386 of 635

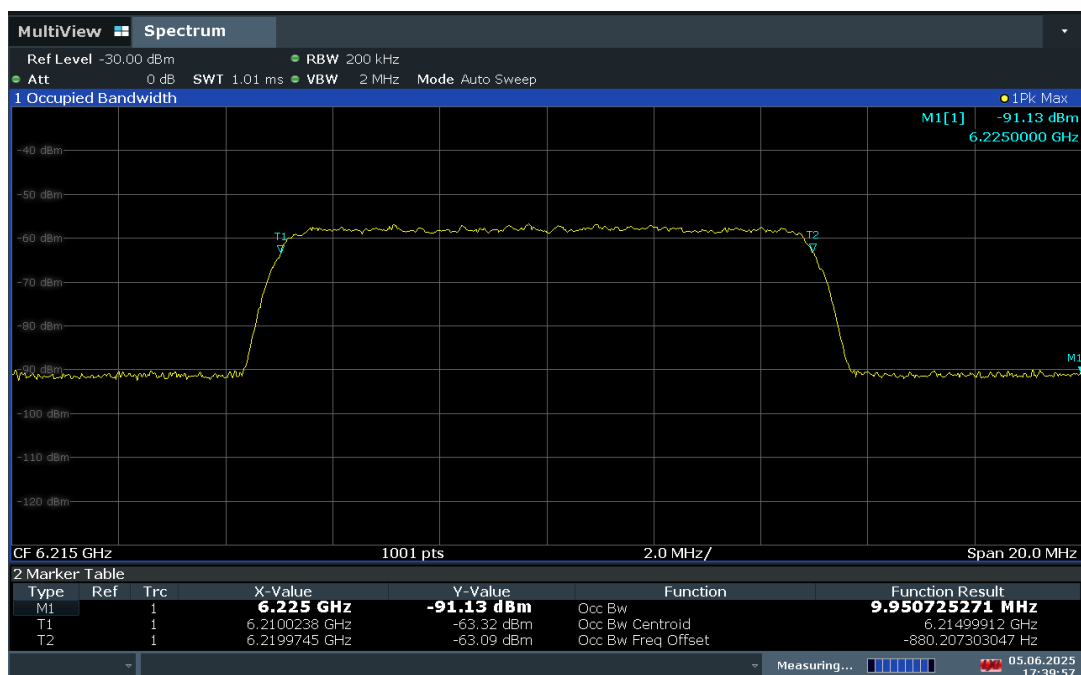
CBP Detection (1 = Detection, Blank = No Detection)																					
Band	Channel	Channel Frequency [MHz]	Channel BW [MHz]	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Detection Rate [%]	Limit [%]	Pass/Fail
UNII Band 5	53	6215	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100.0	90	Pass
	47	6185	160	1	1	1	1	1	1	1	1	1	1	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
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
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
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

Table 7-202. Contention Based Protocol – Incumbent Detection Trial Results

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG		Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 387 of 635

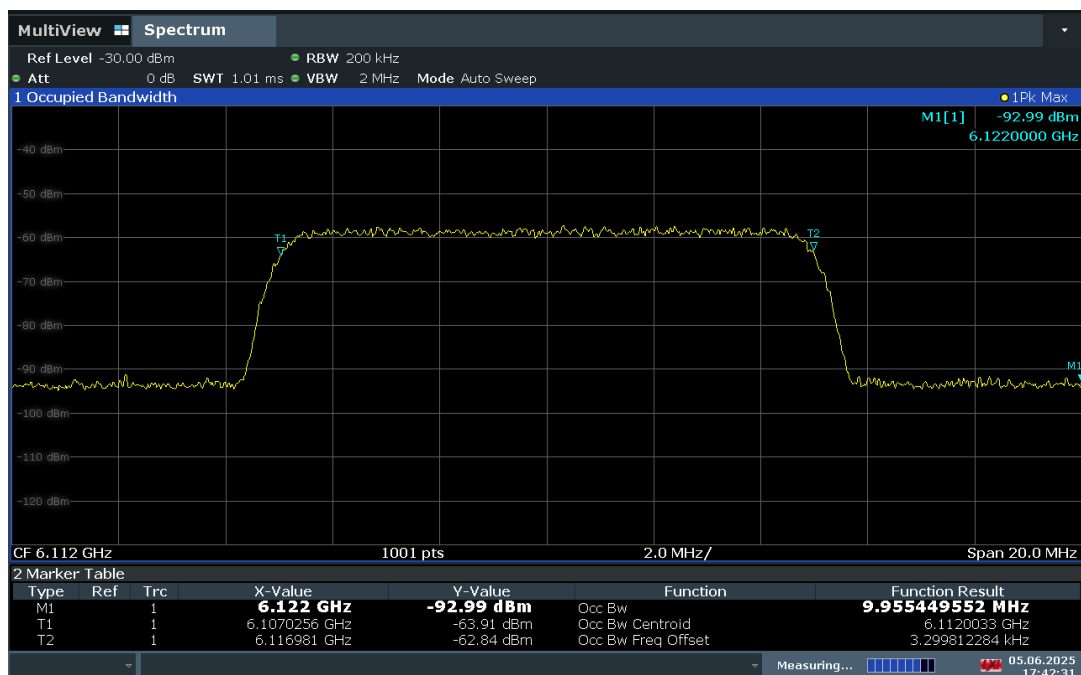
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AWGN Plots



17:39:58 05.06.2025

Plot 7-1308. AWGN Signal – UNII 5 – 20MHz



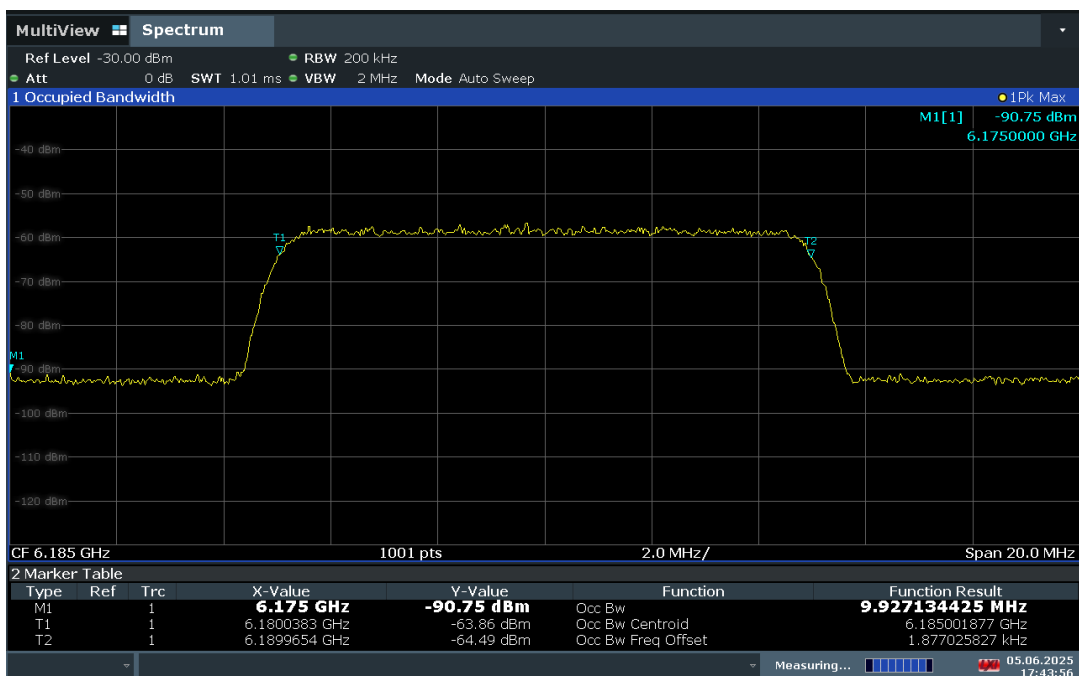
17:42:32 05.06.2025

Plot 7-1309. AWGN Signal – UNII 5 – 160MHz - Low

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 388 of 635

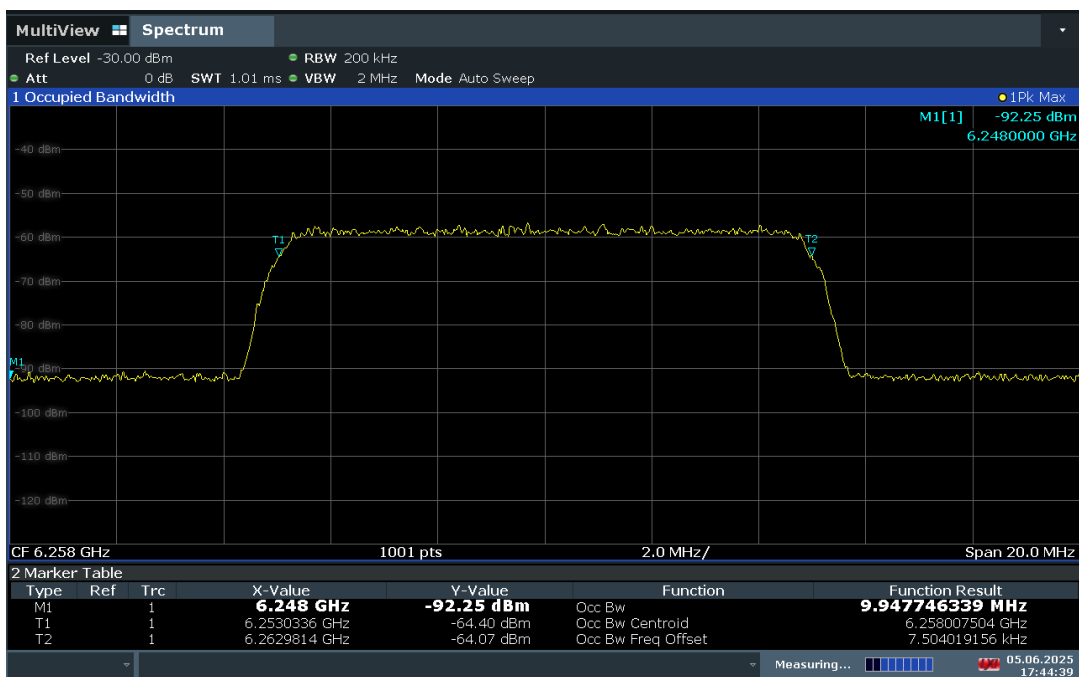
V 11.0 05/2025

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17:43:57 05.06.2025

Plot 7-1310. AWGN Signal – UNII 5 – 160MHz – Mid



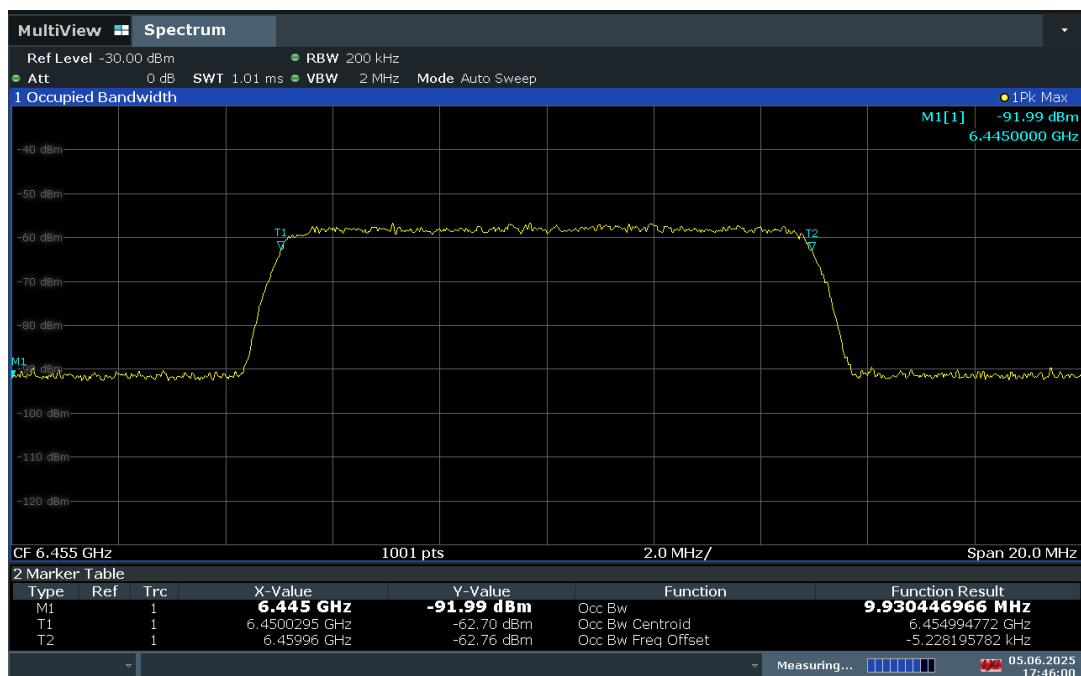
17:44:40 05.06.2025

Plot 7-1311. AWGN Signal – UNII 5 – 160MHz - High

FCC ID: BCGA3361 IC: 579C-A3361	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 389 of 635

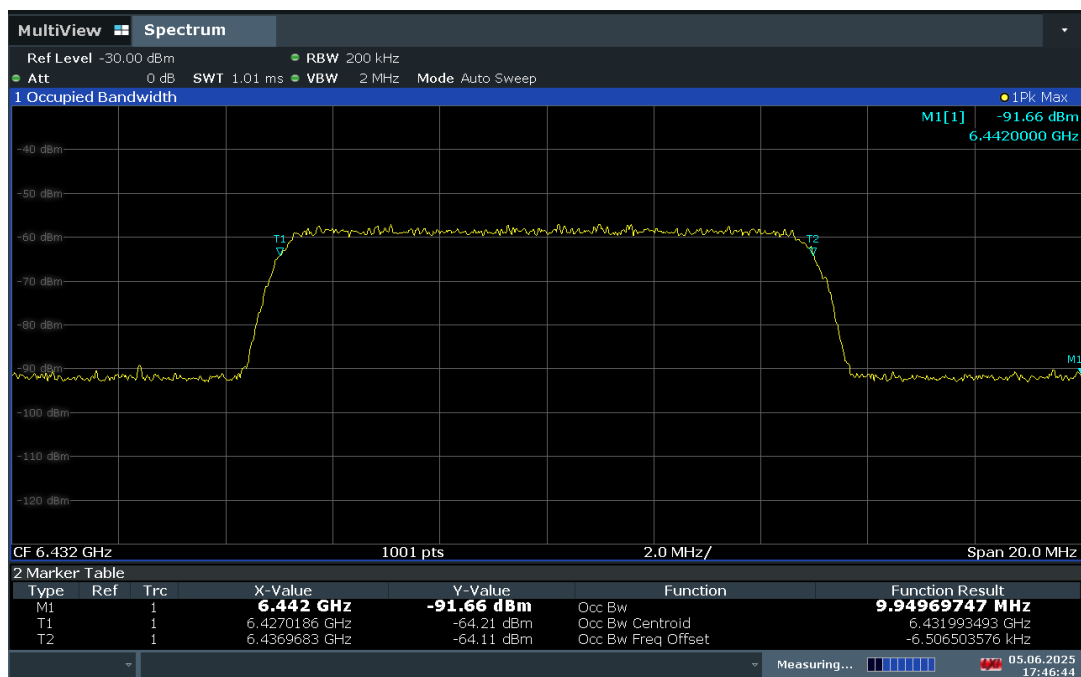
V 11.0 05/2025

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17:46:01 05.06.2025

Plot 7-1312. AWGN Signal – UNII 6 – 20MHz



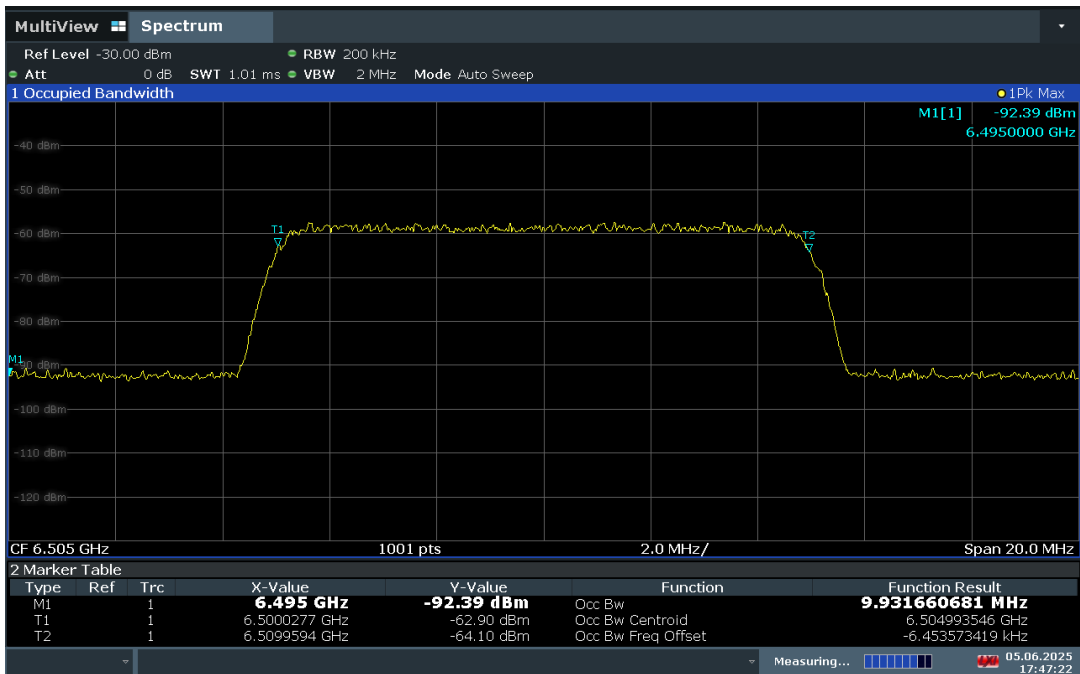
17:46:45 05.06.2025

Plot 7-1313. AWGN Signal – UNII 6 – 160MHz - Low

FCC ID: BCGA3361 IC: 579C-A3361	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 390 of 635

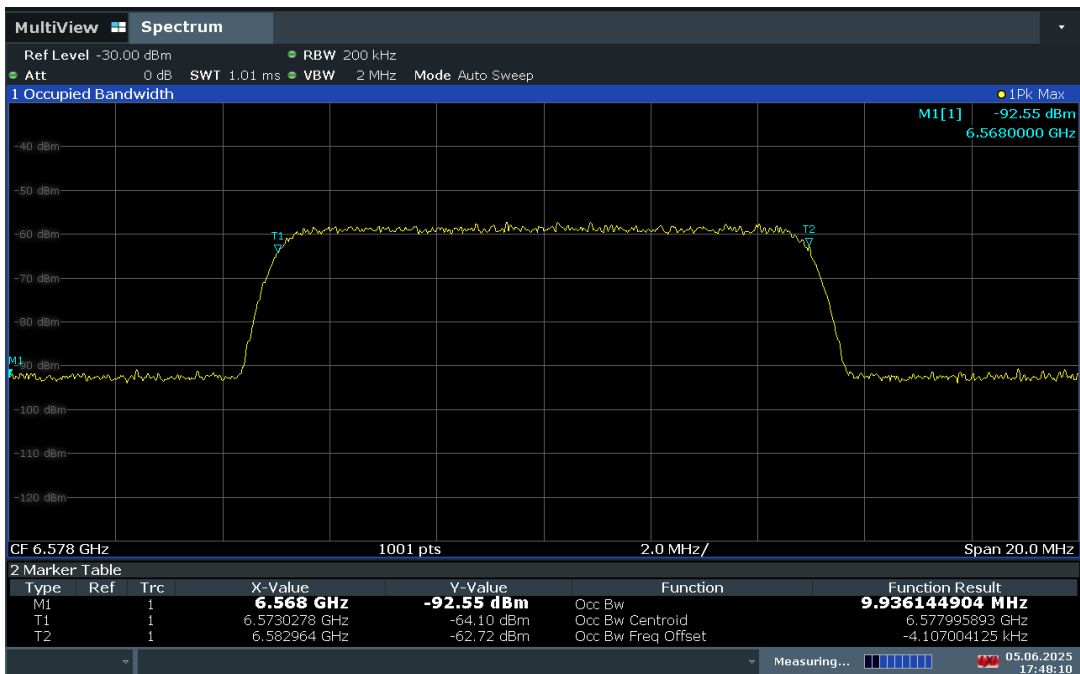
V 11.0 05/2025

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17:47:23 05.06.2025

Plot 7-1314. AWGN Signal – UNII 6 – 160MHz – Mid



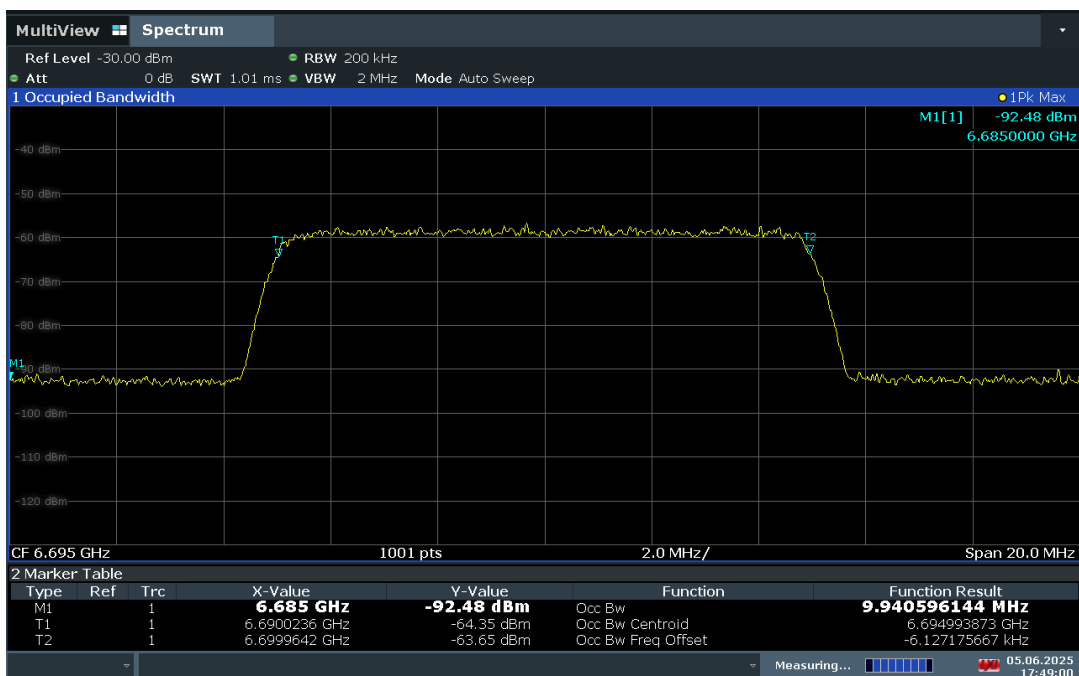
17:48:11 05.06.2025

Plot 7-1315. AWGN Signal – UNII 6 – 160MHz - High

FCC ID: BCGA3361 IC: 579C-A3361	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 391 of 635

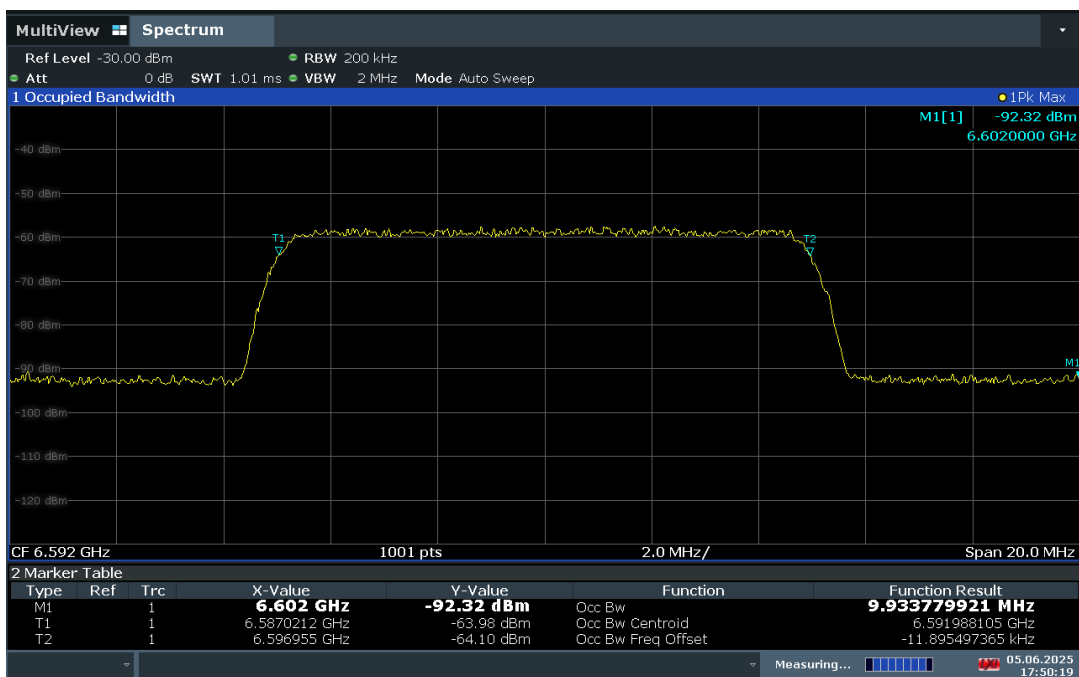
V 11.0 05/2025

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17:49:00 05.06.2025

Plot 7-1316. AWGN Signal – UNII 7 – 20MHz



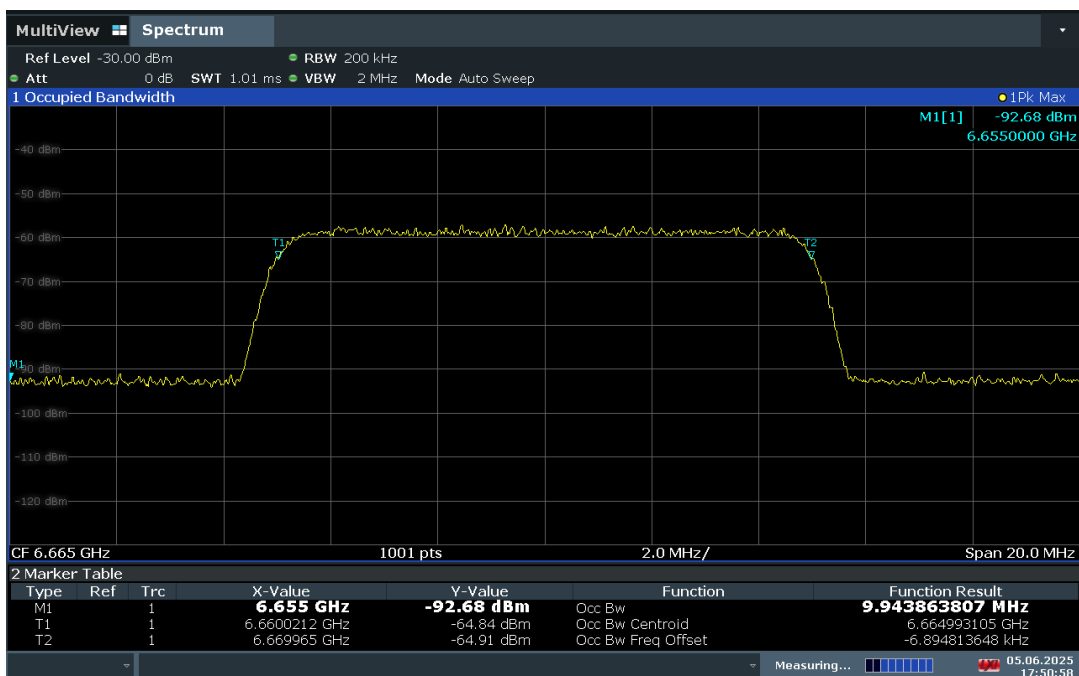
17:50:19 05.06.2025

Plot 7-1317. AWGN Signal – UNII 7 – 160MHz - Low

FCC ID: BCGA3361 IC: 579C-A3361	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 392 of 635

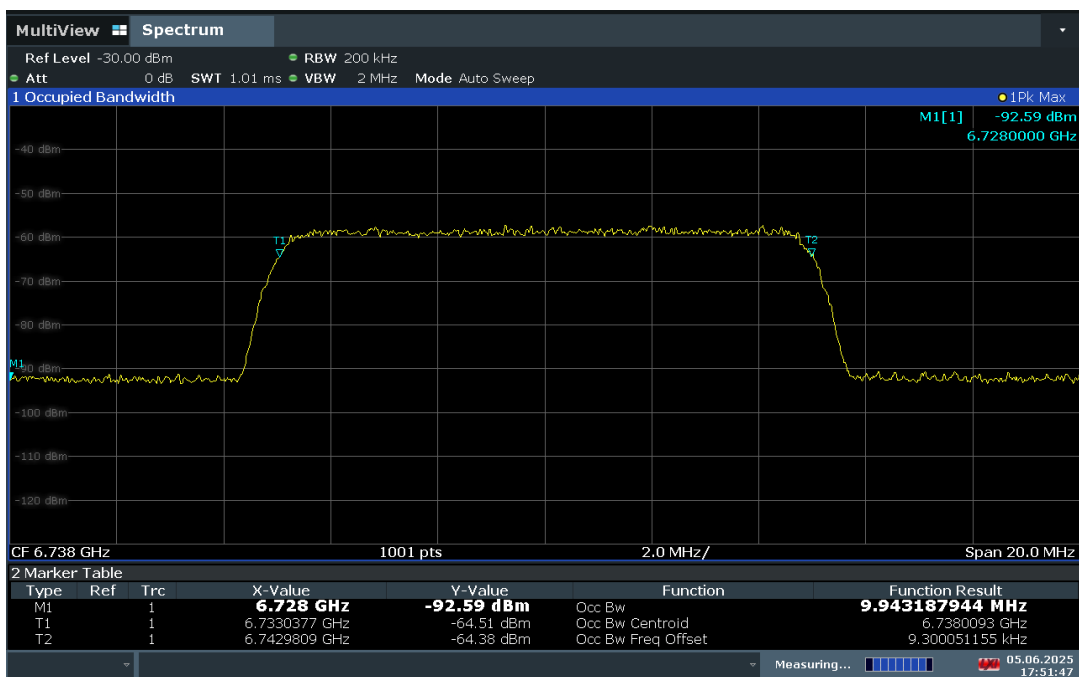
V 11.0 05/2025

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17:50:59 05.06.2025

Plot 7-1318. AWGN Signal – UNII 7 – 160MHz – Mid



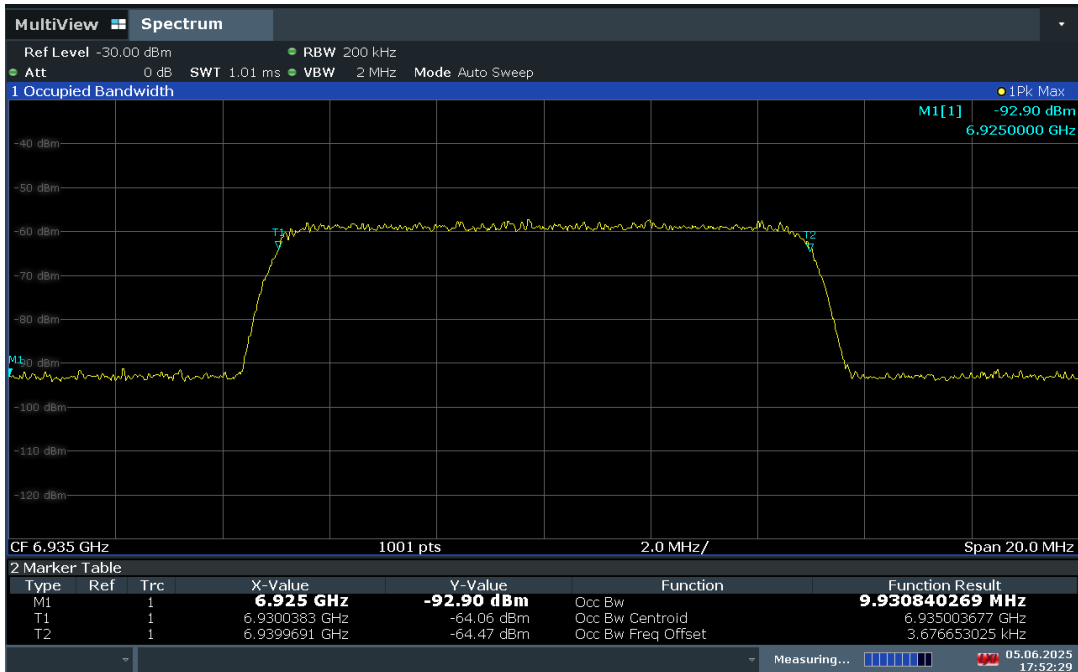
17:51:47 05.06.2025

Plot 7-1319. AWGN Signal – UNII 7 – 160MHz - High

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 393 of 635

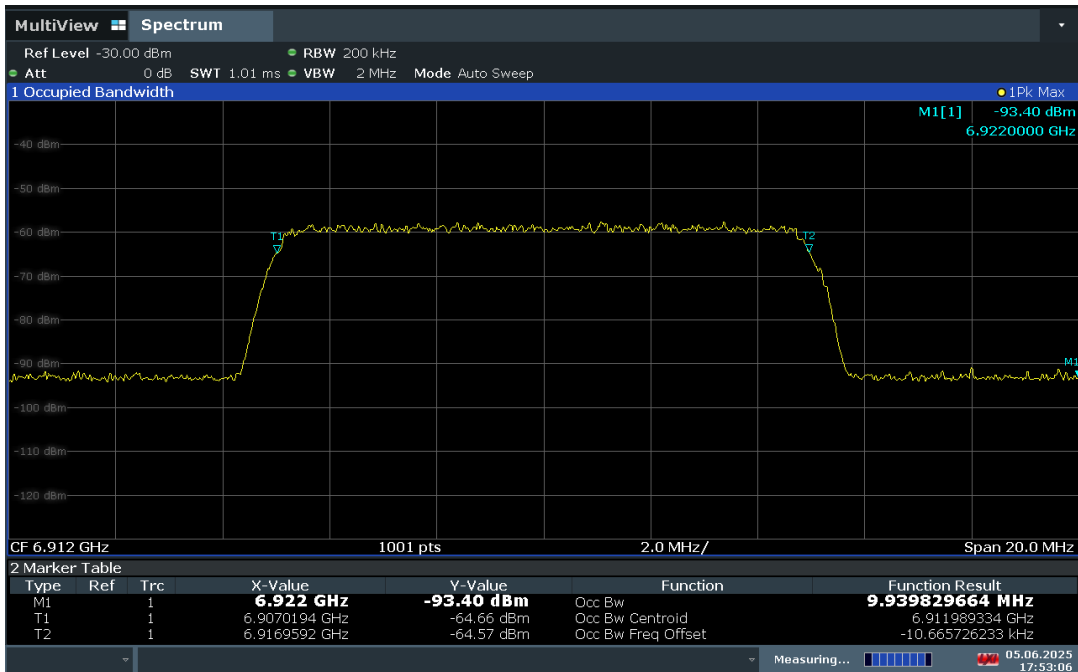
V 11.0 05/2025

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17:52:29 05.06.2025

Plot 7-1320. AWGN Signal – UNII 8 – 20MHz



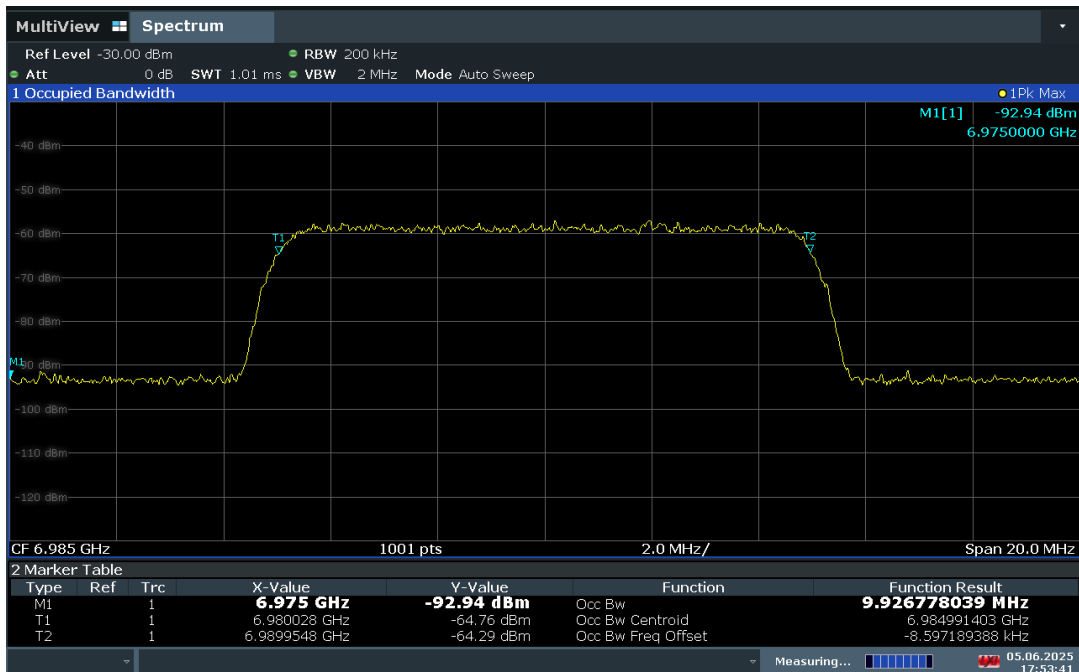
17:53:06 05.06.2025

Plot 7-1321. AWGN Signal – UNII 8 – 160MHz - Low

FCC ID: BCGA3361 IC: 579C-A3361	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 394 of 635

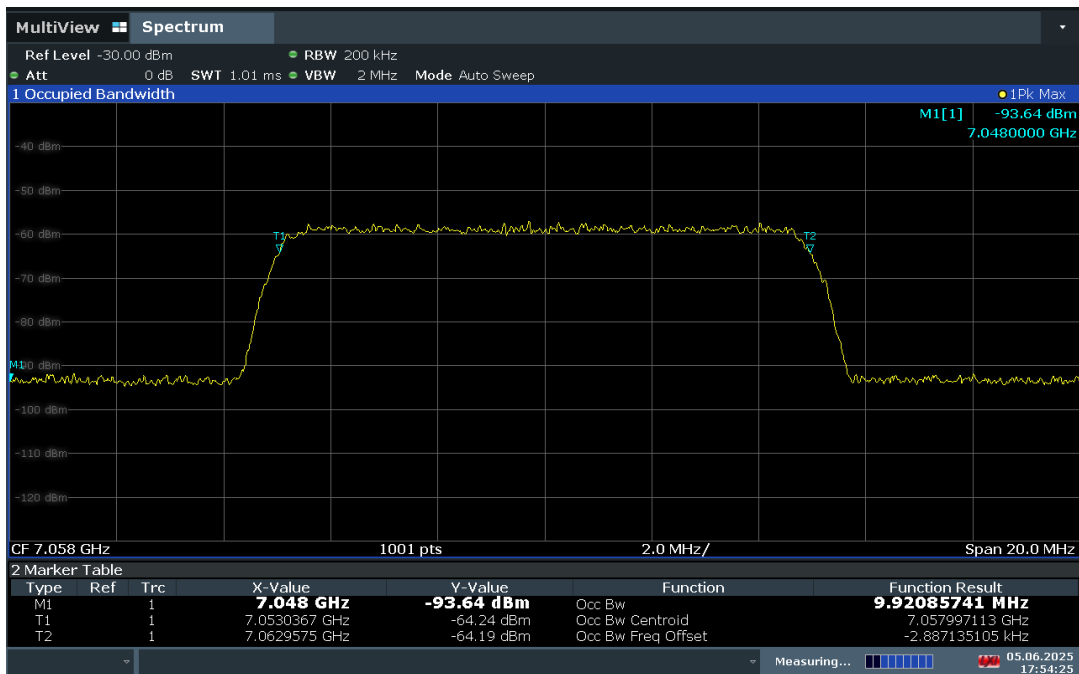
V 11.0 05/2025

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17:53:41 05.06.2025

Plot 7-1322. AWGN Signal – UNII 8 – 160MHz – Mid



17:54:26 05.06.2025

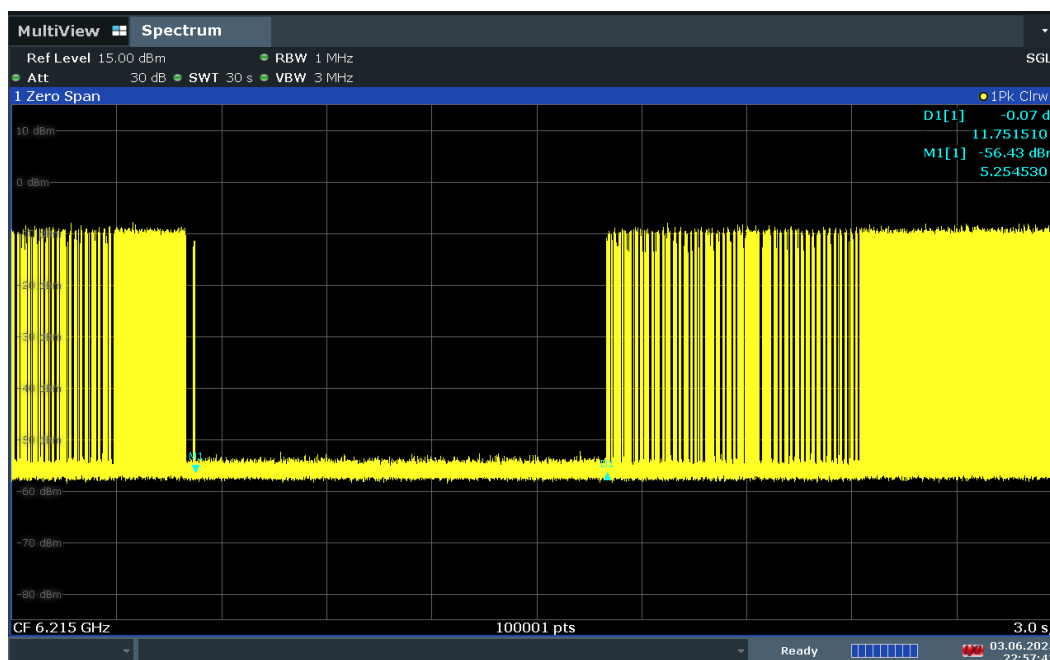
Plot 7-1323. AWGN Signal – UNII 8 – 160MHz - High

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 395 of 635

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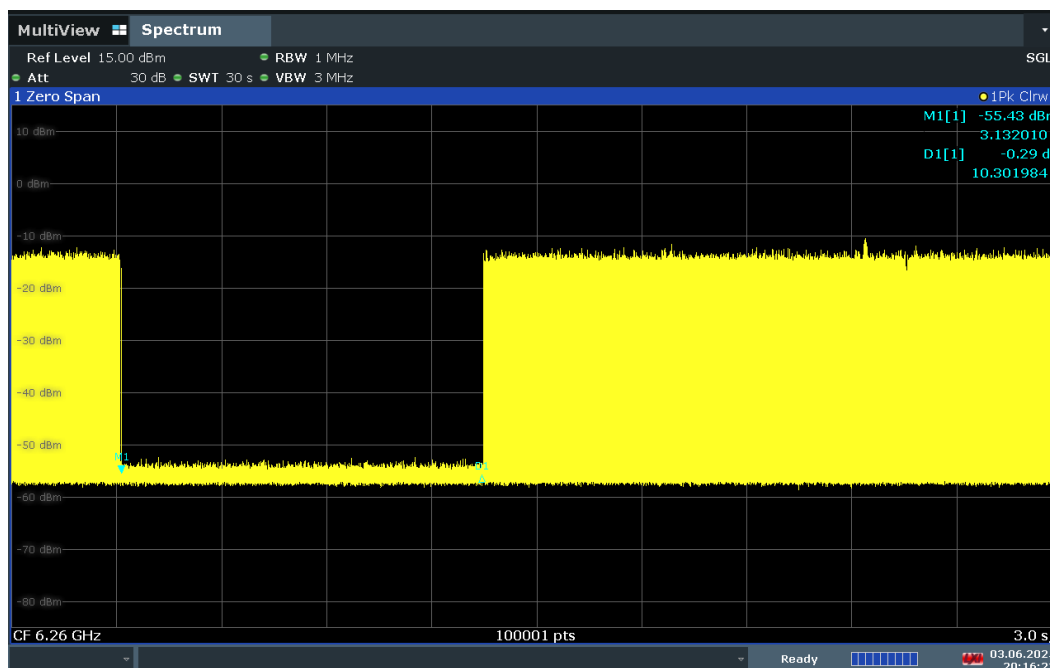
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Contention-Based Protocol Timing Plots



22:57:42 03.06.2025

Plot 7-1324. Contention Based Protocol Timing Plot – UNII 5 – 20MHz Channel 53



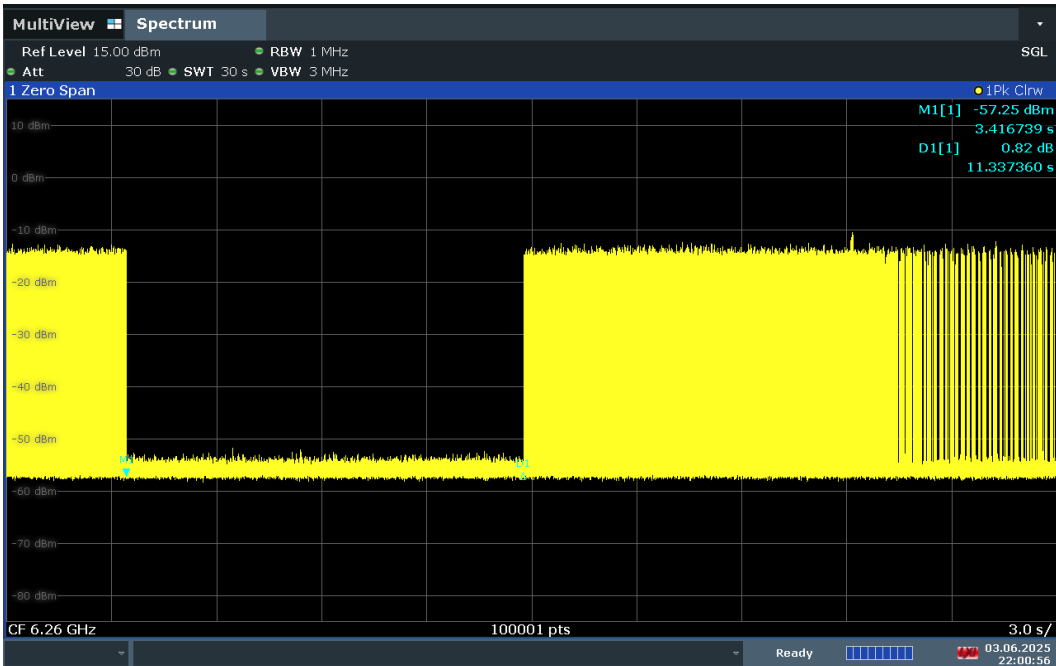
20:16:23 03.06.2025

Plot 7-1325. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – Low

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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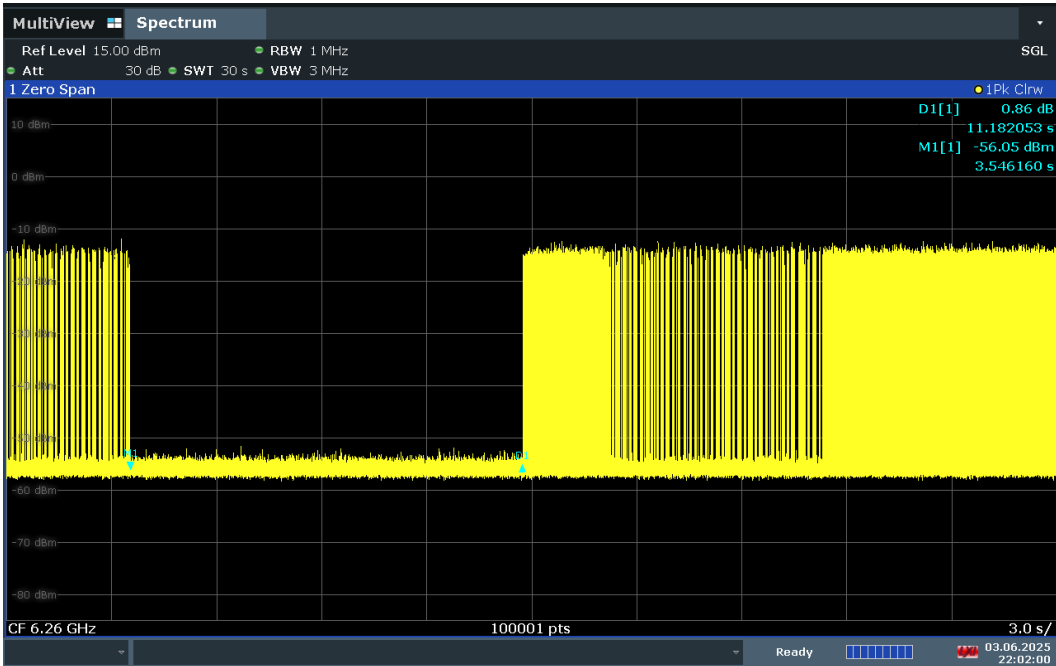
V 11.0 05/2025

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22:00:56 03.06.2025

Plot 7-1326. Contention Based Protocol Timing Plot –UNII 5 – 160MHz Channel 47 – Mid



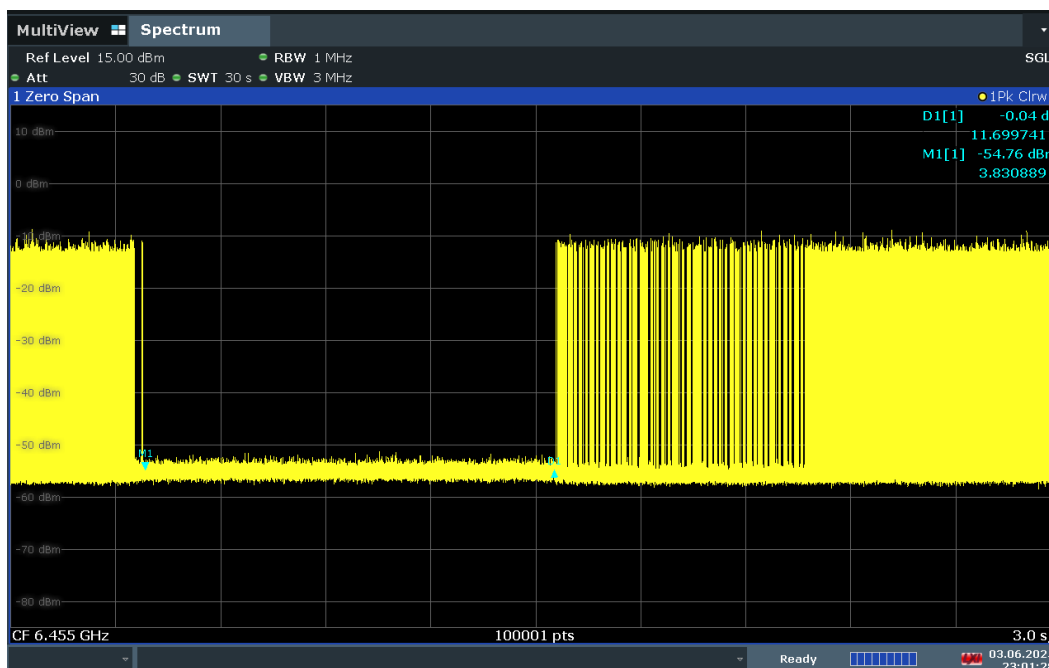
22:02:01 03.06.2025

Plot 7-1327. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – High

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 397 of 635

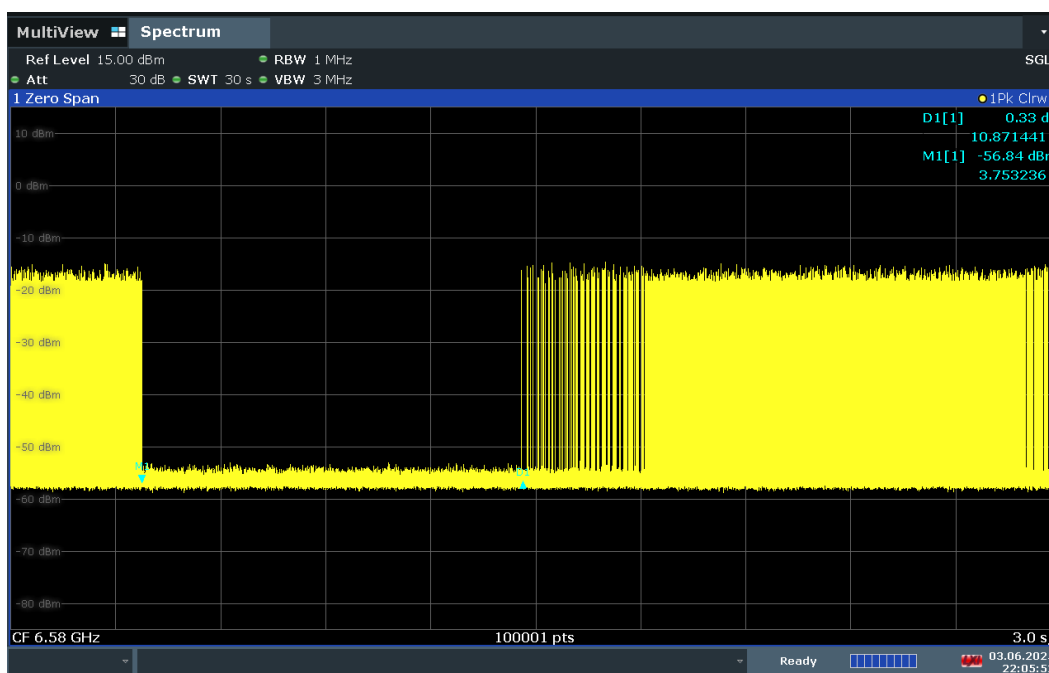
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23:01:29 03.06.2025

Plot 7-1328. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Channel 101



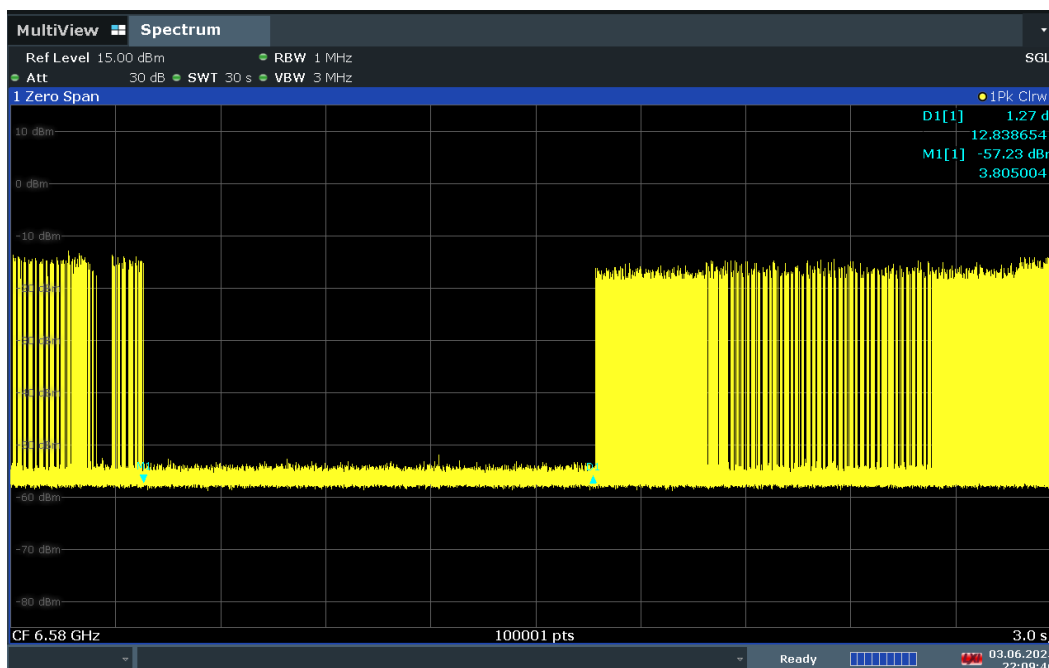
22:05:52 03.06.2025

Plot 7-1329. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Low

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 398 of 635

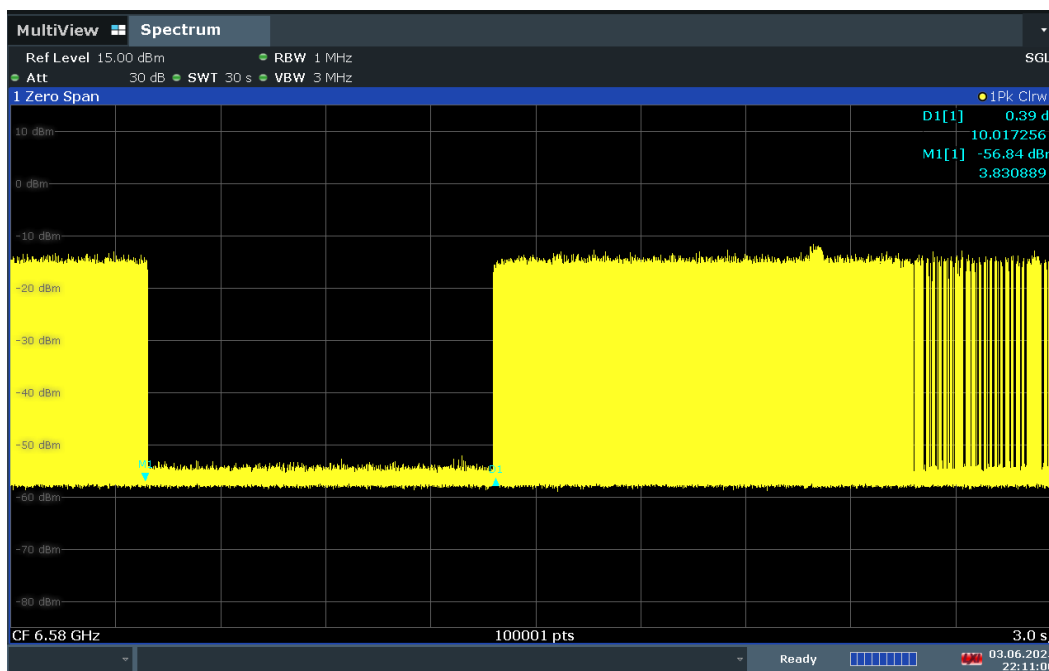
V 11.0 05/2025

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22:09:47 03.06.2025

Plot 7-1330. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Mid



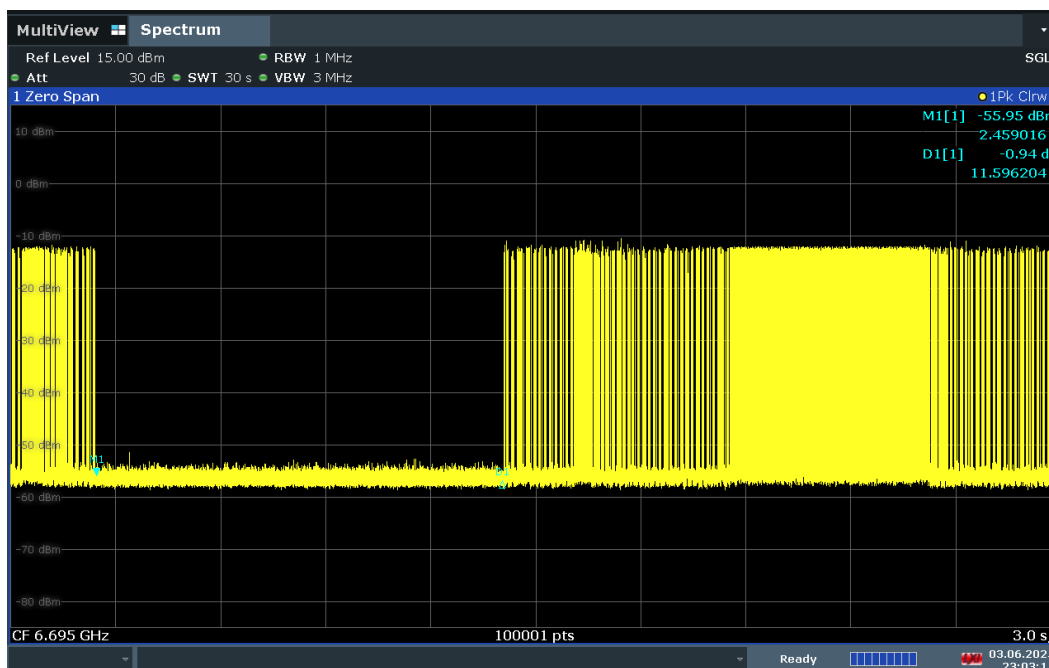
22:11:01 03.06.2025

Plot 7-1331. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – High

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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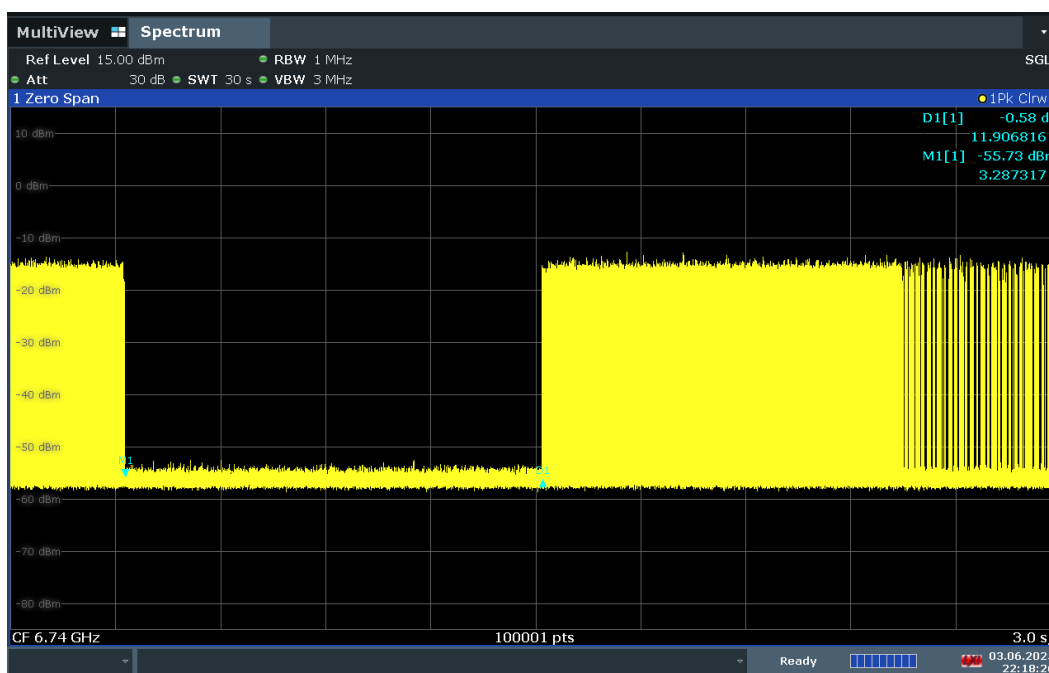
V 11.0 05/2025

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23:03:12 03.06.2025

Plot 7-1332. Contention Based Protocol Timing Plot – UNII 7 – 20MHz Channel 149



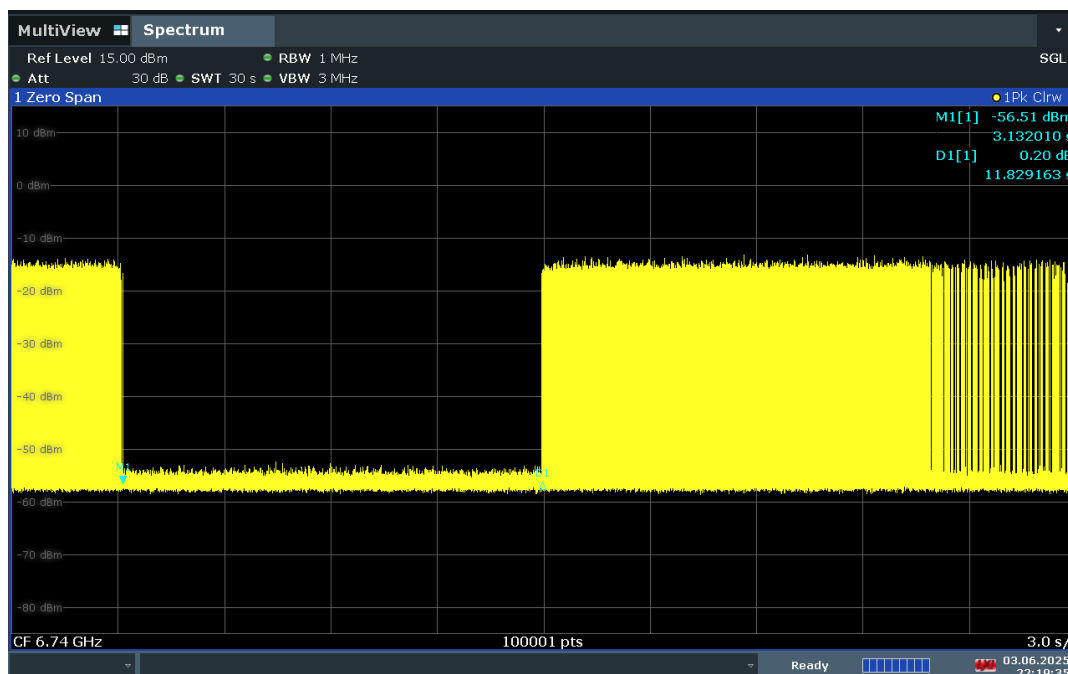
22:18:26 03.06.2025

Plot 7-1333. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Low

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 400 of 635

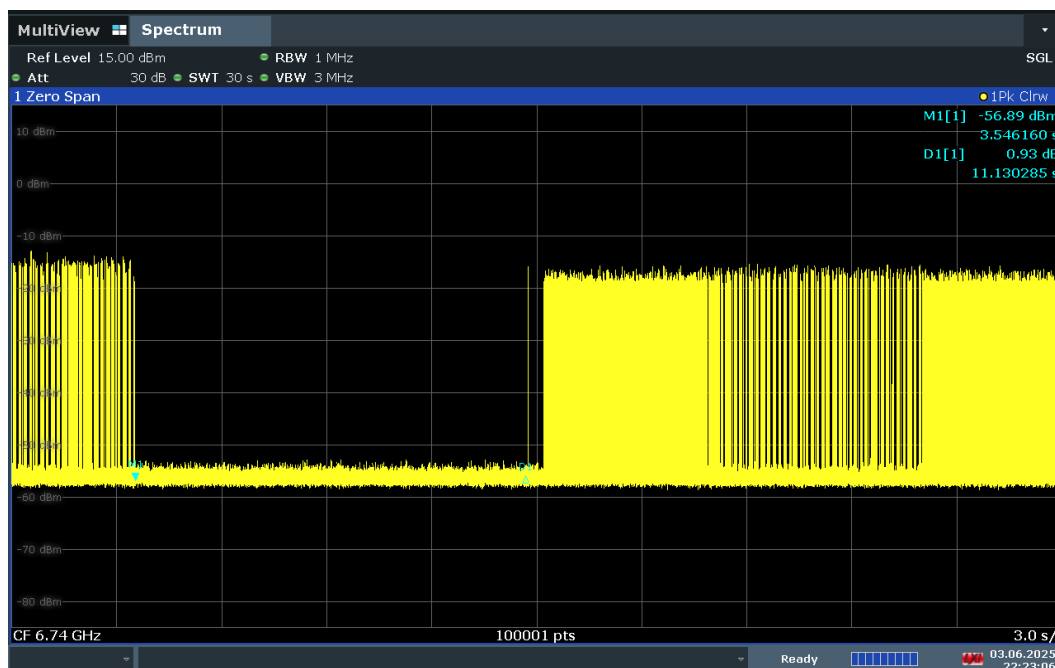
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22:19:35 03.06.2025

Plot 7-1334. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Mid



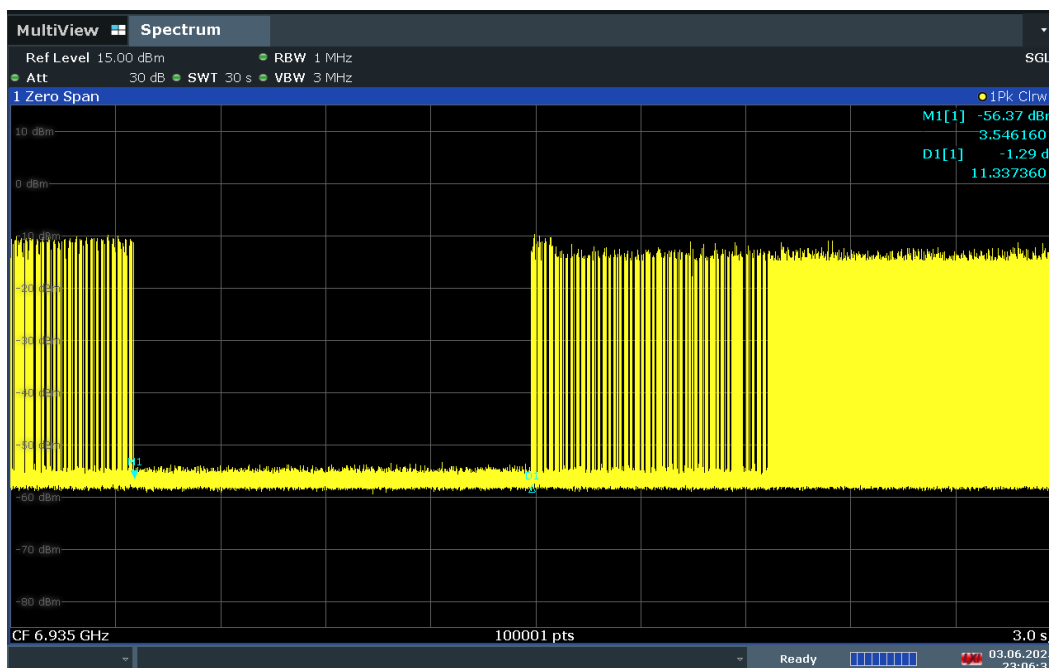
22:23:07 03.06.2025

Plot 7-1335. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – High

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 401 of 635

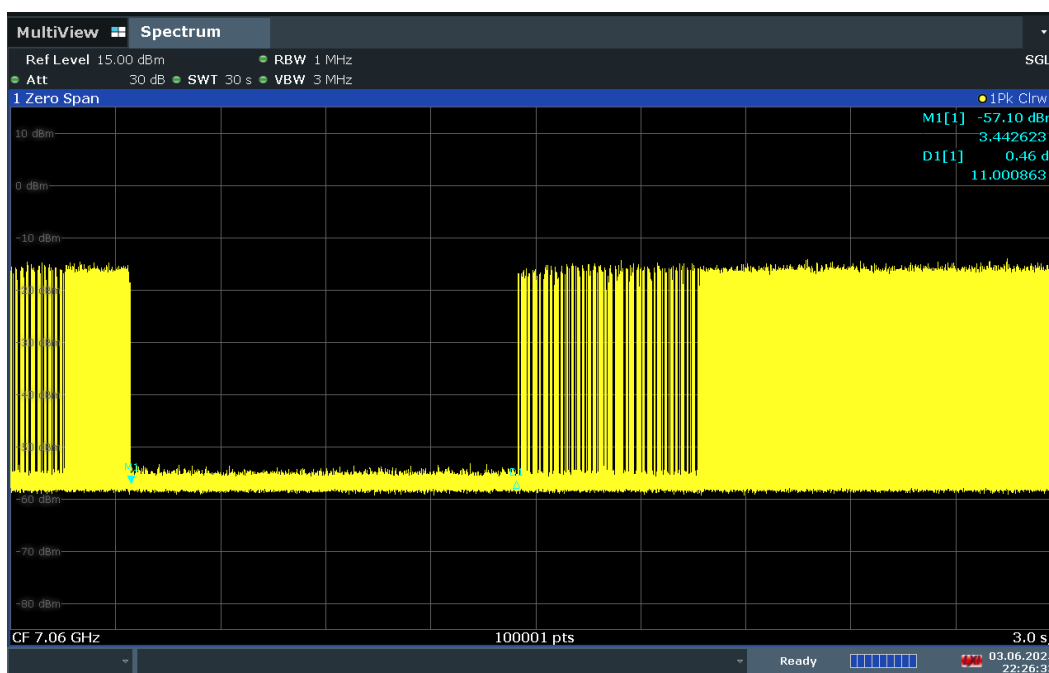
V 11.0 05/2025

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23:06:31 03.06.2025

Plot 7-1336. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Channel 197



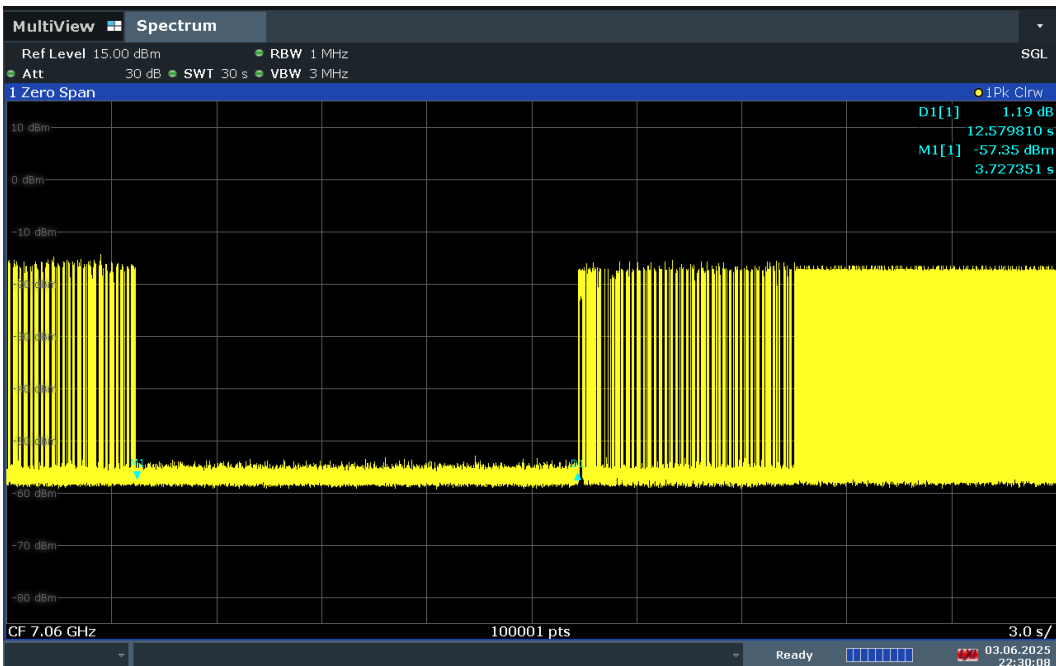
22:26:33 03.06.2025

Plot 7-1337. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Low

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 402 of 635

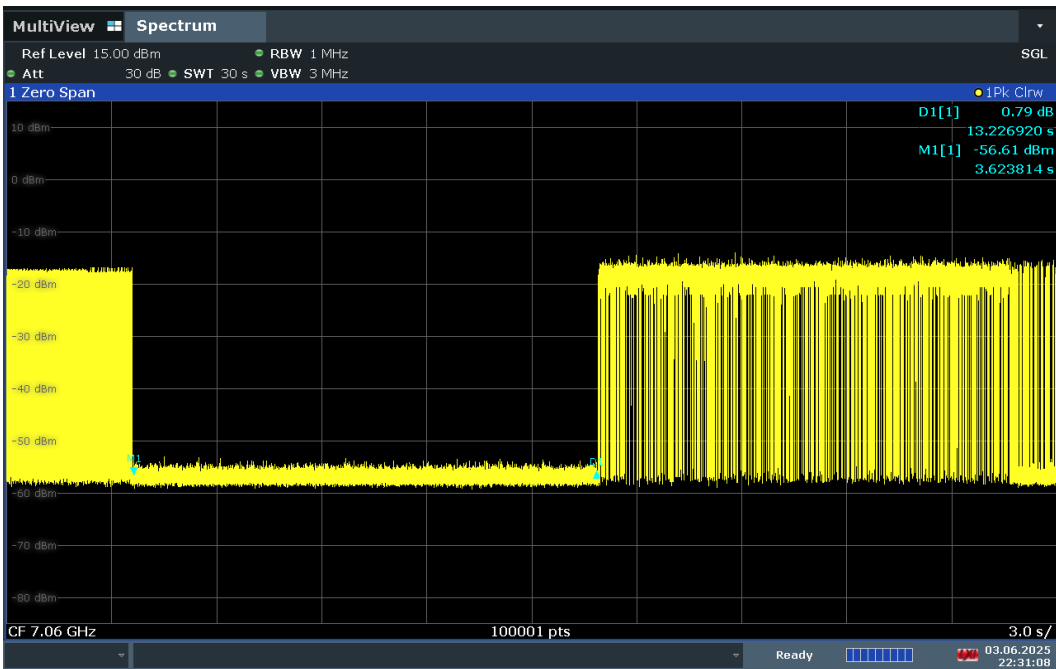
V 11.0 05/2025

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22:30:08 03.06.2025

Plot 7-1338. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Mid



22:31:08 03.06.2025

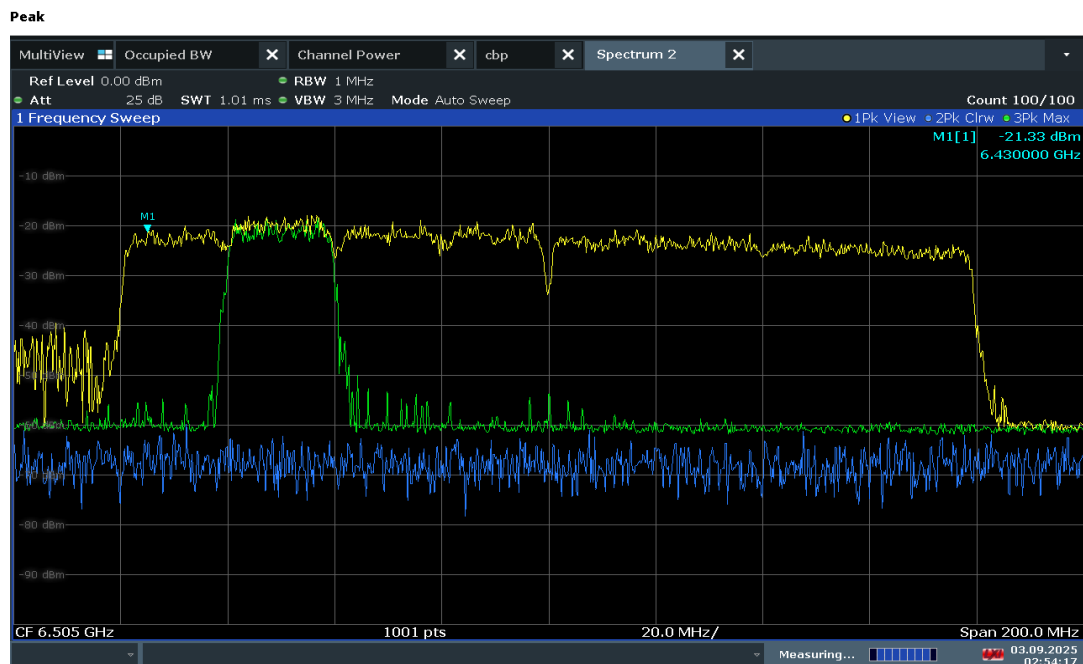
Plot 7-1339. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – High

FCC ID: BCGA3361 IC: 579C-A3361			MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device		Page 403 of 635

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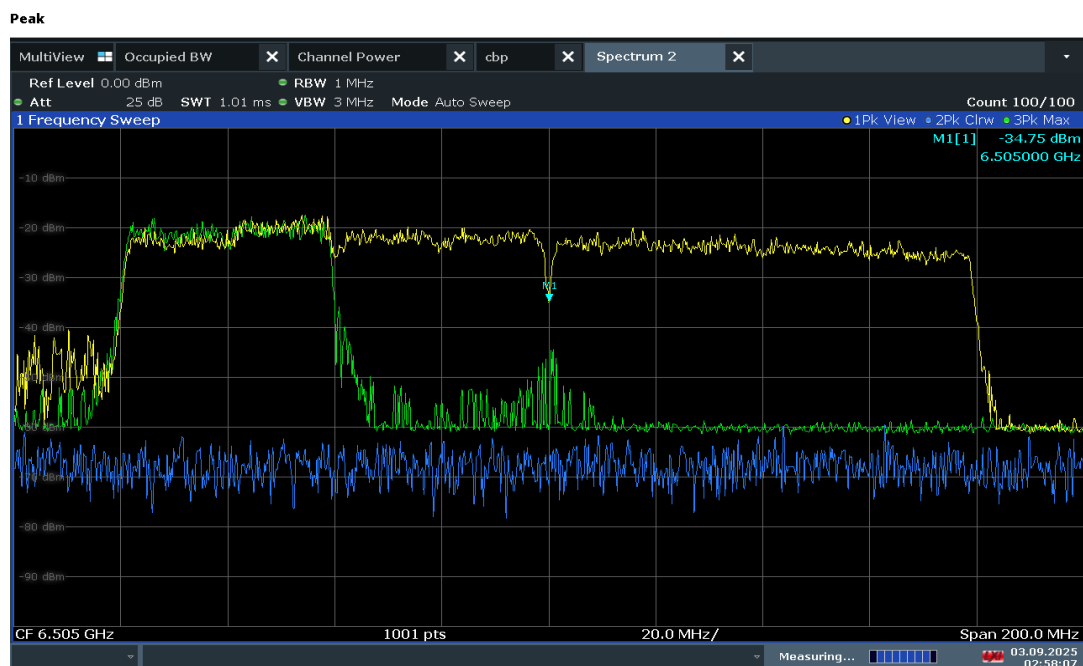
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Bandwidth Reduction Plots



02:54:18 03.09.2025

Plot 7-1340. 160MHz Bandwidth, AWGN Signal Injected – 6430Mhz



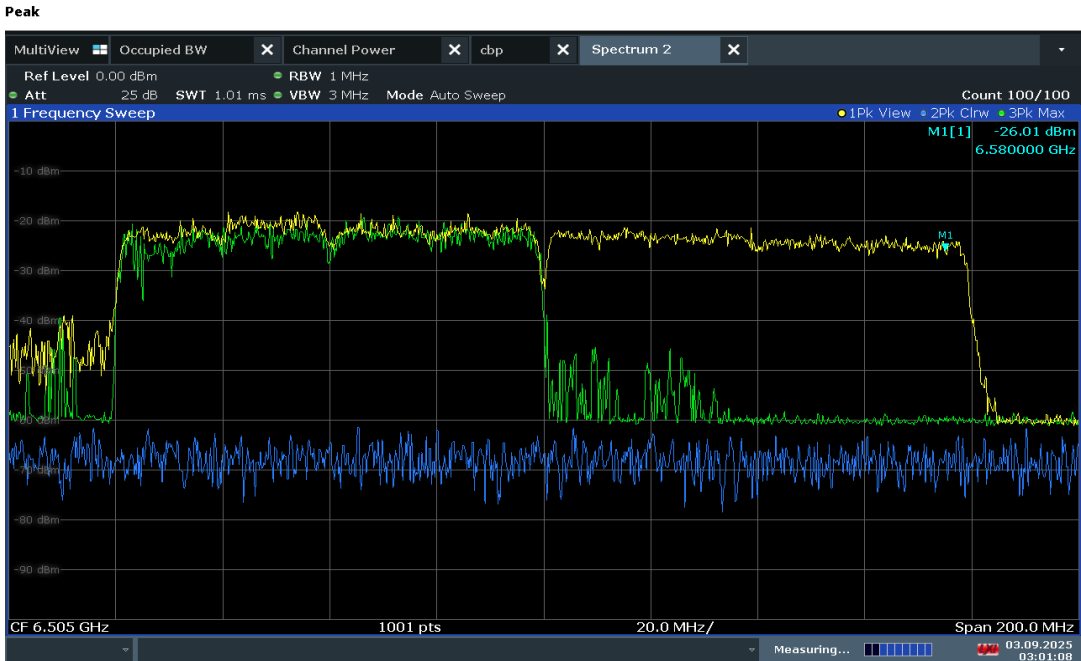
02:58:07 03.09.2025

Plot 7-1341. 160MHz Bandwidth, AWGN Signal Injected – 6505MHz

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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03:01:08 03.09.2025

Plot 7-1342. 160MHz Bandwidth, AWGN Signal Injected – 6580MHz

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170041-25-R2.BCG	Test Dates: 05/12/2025 - 08/13/2025	EUT Type: Tablet Device	Page 405 of 635

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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. RU26, RU52, RU106, RU242, RU484, RU996 and RU996x2) 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 [$\mu\text{V/m}$]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-203. 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.

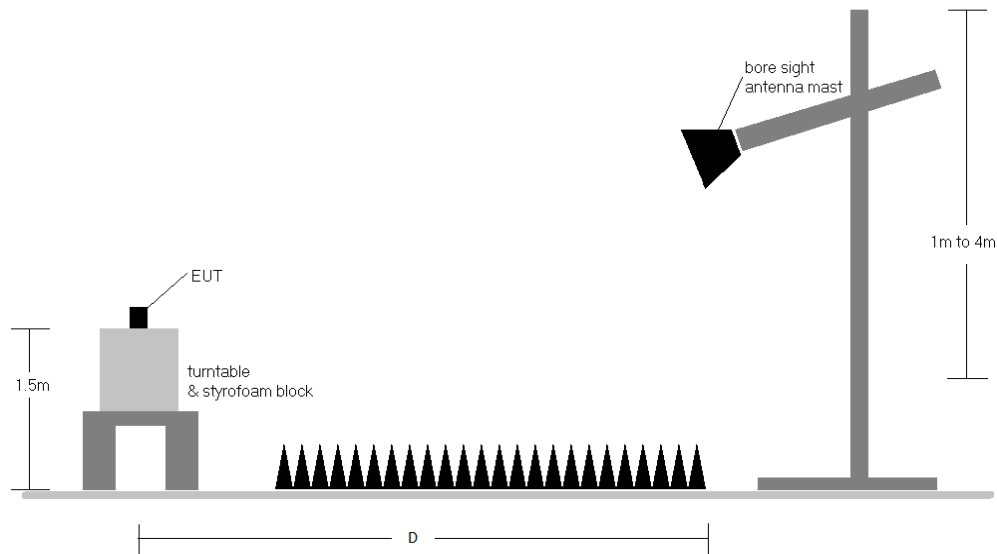


Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA3361 IC: 579C-A3361	 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 7-203.
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 7-203. 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. 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.
5. 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.
6. 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.
7. All data rates were investigated and only the worse case is reported
8. The unit was tested with all possible modes and only the highest emission is reported.
9. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
10. 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

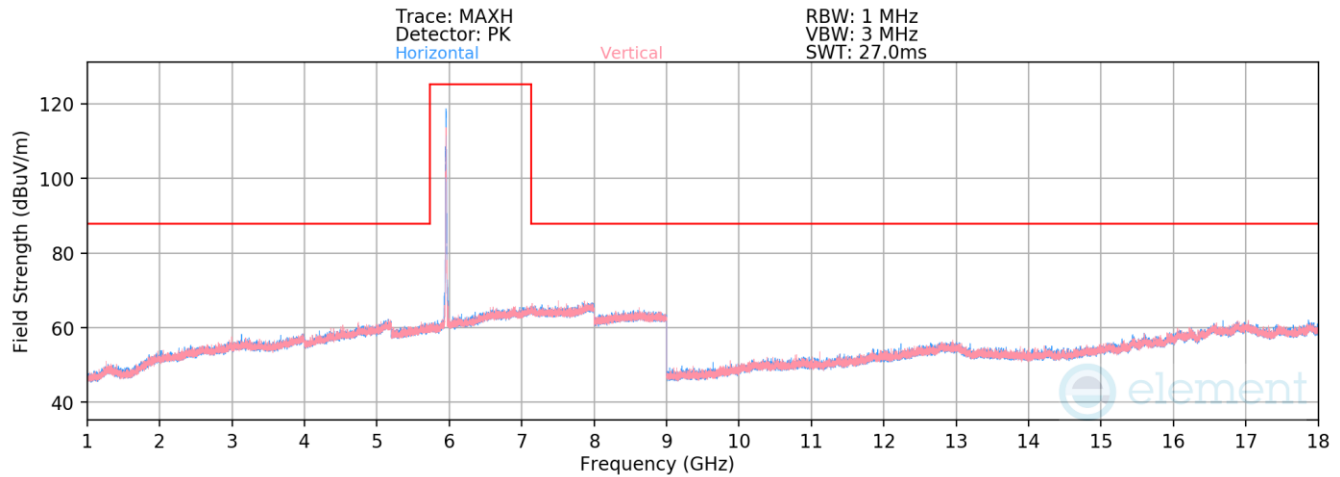
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.3 to 7.7.22 was calculated using the formula:
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

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7.7.1 CDD/SDM Primary Radiated Spurious Emission

RU26



Plot 7-1343. Radiated Spurious Emissions above 1GHz CDD Primary (802.11be – Ch. 1 – RU26)

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	V	-	-	-85.42	20.15	41.73	53.98	-12.25
* 11910.00	Peak	V	-	-	-74.39	20.15	52.75	73.98	-21.23
* 17865.00	Average	H	-	-	-85.90	25.82	46.92	53.98	-7.06
* 17865.00	Peak	H	-	-	-75.09	25.82	57.73	73.98	-16.25

Table 7-204. Radiated Spurious Emission Measurements CDD Primary – RU26

FCC ID: BCGA3361 IC: 579C-A3361		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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