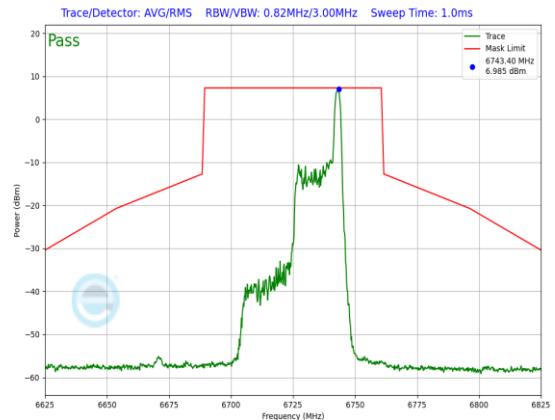
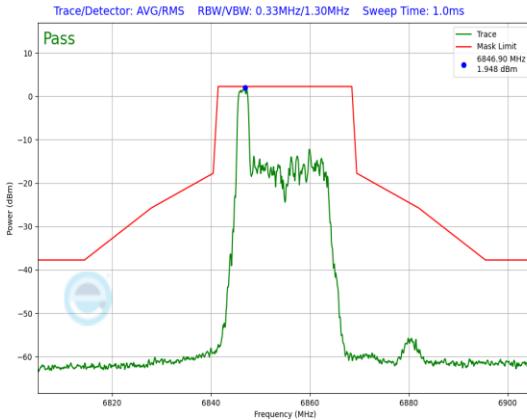


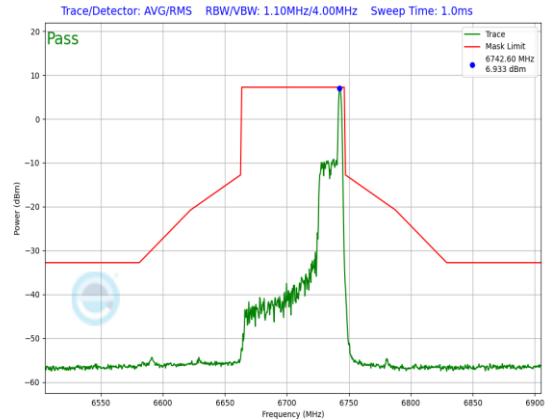
Plot 7-873. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 181)



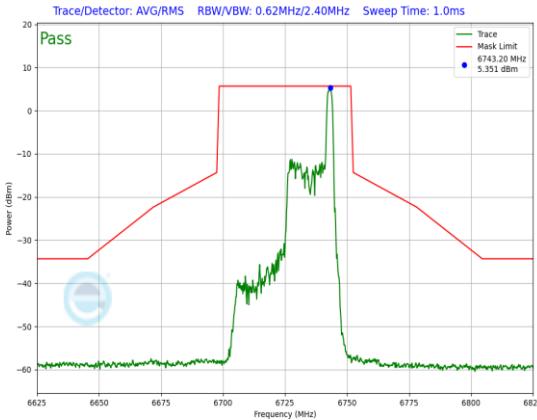
Plot 7-876. In-Band Emission Plot CDD Diversity Antenna 1b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



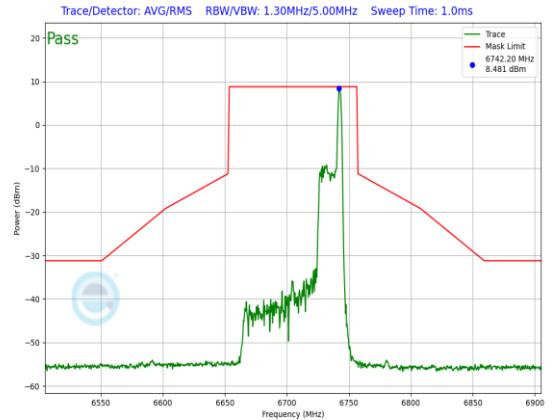
Plot 7-874. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 181)



Plot 7-877. In-Band Emission Plot CDD Diversity Antenna 3c (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

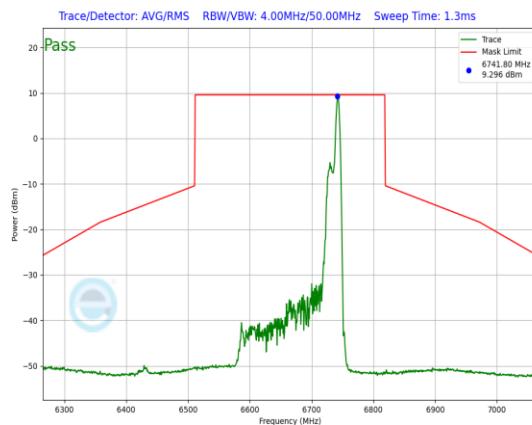


Plot 7-875. In-Band Emission Plot CDD Diversity Antenna 3c (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

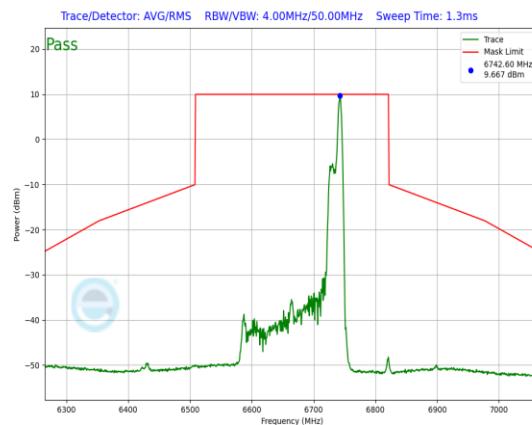


Plot 7-878. In-Band Emission Plot CDD Diversity Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 374 of 594 |

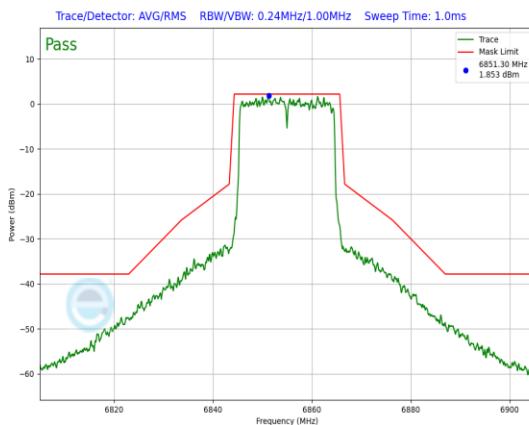


Plot 7-879. In-Band Emission Plot CDD Diversity Antenna 3c (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

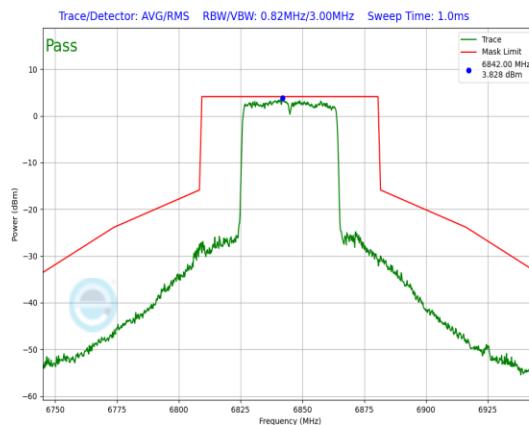


Plot 7-880. In-Band Emission Plot CDD Diversity Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

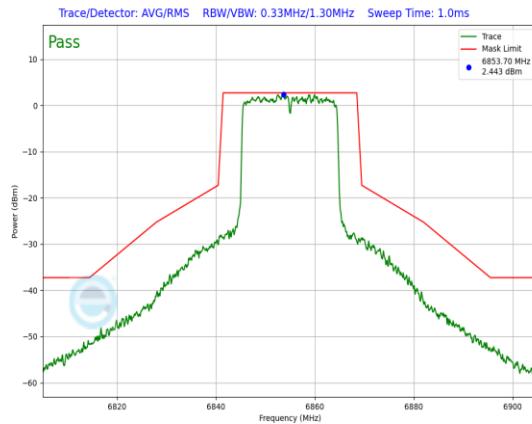
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 375 of 594 |



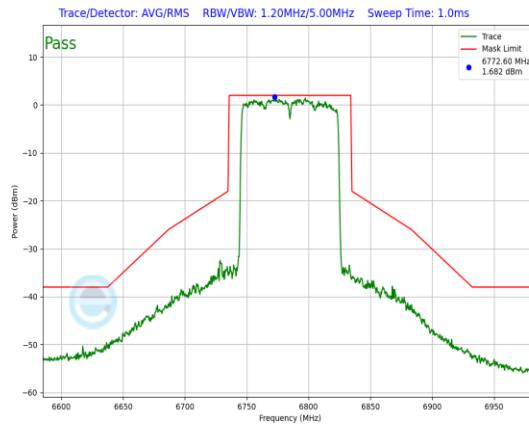
Plot 7-881. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz) 802.11ax RU242 (UNII Band 7) – Ch. 181



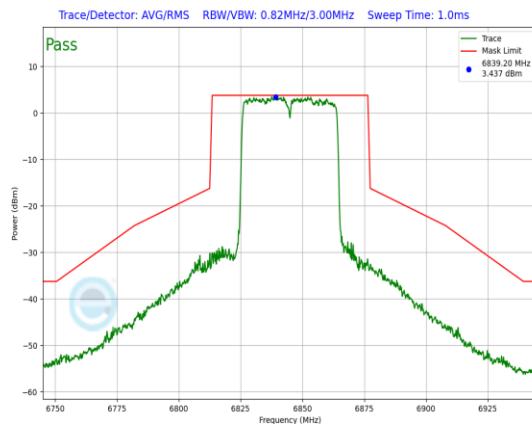
Plot 7-884. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz) 802.11ax RU484 (UNII Band 7) – Ch. 179



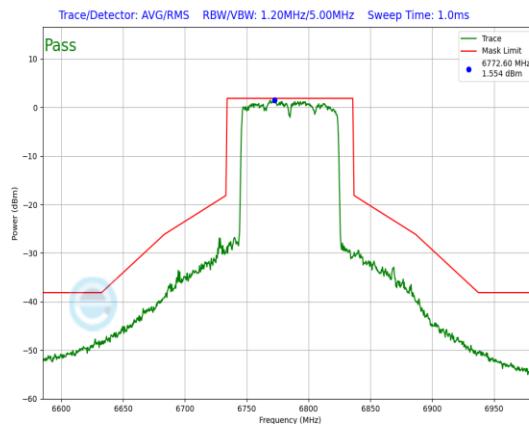
Plot 7-882. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz) 802.11ax RU242 (UNII Band 7) – Ch. 181



Plot 7-885. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz) 802.11ax RU996 (UNII Band 7) – Ch. 167



Plot 7-883. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz) 802.11ax RU484 (UNII Band 7) – Ch. 179



Plot 7-886. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz) 802.11ax RU996 (UNII Band 7) – Ch. 167

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 376 of 594 |



Plot 7-887. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)



Plot 7-888. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 377 of 594 |

7.5.10 SDM Diversity In-Band Emission Measurements – LPI

| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Mode | Data Rate [Mbps] | Antenna 3c In-Band Emission | Antenna 1b In-Band Emission |
|--------|-----------------|---------|-------------|---------|----------|------|------------------|-----------------------------|-----------------------------|
| Band 5 | 5955 | 1 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5955 | 1 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5955 | 1 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6175 | 45 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6175 | 45 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6175 | 45 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6415 | 93 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6415 | 93 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6415 | 93 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5965 | 3 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5965 | 3 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5965 | 3 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6165 | 43 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6165 | 43 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6165 | 43 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6165 | 91 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6165 | 91 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6165 | 91 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5985 | 7 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5985 | 7 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 5985 | 7 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6145 | 39 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6145 | 39 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6145 | 39 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6385 | 87 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6385 | 87 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6385 | 87 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6025 | 15 (L) | ax (160MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6025 | 15 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6185 | 47 (L) | ax (160MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6185 | 47 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6345 | 79 (L) | ax (160MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6345 | 79 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| Band 6 | 6345 | 97 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6345 | 97 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6345 | 97 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6475 | 105 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6475 | 105 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6475 | 105 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6515 | 113 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6515 | 113 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6515 | 113 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6445 | 99 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6445 | 99 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6445 | 99 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6485 | 107 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6485 | 107 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6485 | 107 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6525 | 115 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6525 | 115 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6525 | 115 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6465 | 103 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6465 | 103 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6465 | 103 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6505 | 111 (L) | ax (160MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6505 | 111 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6505 | 111 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |

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

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 378 of 594 |

| Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Mode | Data Rate [Mbps] | Antenna 3c In-Band Emission | Antenna 1b In-Band Emission |
|-----------------|---------|-------------|-------------|----------|------|------------------|-----------------------------|-----------------------------|
| Band 7 | 6535 | 117 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6535 | 117 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass |
| | 6535 | 117 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6695 | 149 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6695 | 149 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass |
| | 6695 | 149 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6875 | 185 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6875 | 185 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass |
| | 6875 | 185 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6565 | 123 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6565 | 123 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6565 | 123 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass |
| | 6725 | 155 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6725 | 155 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6725 | 155 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass |
| | 6845 | 179 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6845 | 179 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6845 | 179 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass |
| | 6545 | 119 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6545 | 119 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass |
| | 6545 | 119 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 6705 | 151 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6705 | 151 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass |
| | 6705 | 151 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 6865 | 183 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6865 | 183 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass |
| | 6865 | 183 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| Band 8 | 6665 | 143 (L) | ax (160MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6665 | | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 6665 | 143 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 6825 | 175 (L) | ax (160MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6825 | | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 6825 | 175 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 6895 | 189 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6895 | 189 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass |
| | 6895 | 189 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6995 | 209 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6995 | 209 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass |
| | 6995 | 209 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 7095 | 229 | ax (20MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 7095 | 229 | ax (20MHz) | 26 | 4 | SDM | 25/29.4 (MCS11) | Pass |
| | 7095 | 229 | ax (20MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6885 | 187 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6885 | 187 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 6885 | 187 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass |
| | 7005 | 211 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 7005 | 211 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 7005 | 211 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass |
| | 7085 | 227 | ax (40MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 7085 | 227 | ax (40MHz) | 26 | 8 | SDM | 25/29.4 (MCS11) | Pass |
| | 7085 | 227 | ax (40MHz) | 26 | 17 | SDM | 25/29.4 (MCS11) | Pass |
| | 7085 | 227 | ax (40MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 6945 | 199 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 6945 | 199 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass |
| | 6945 | 199 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| | 7025 | 215 | ax (80MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass |
| | 7025 | 215 | ax (80MHz) | 26 | 18 | SDM | 25/29.4 (MCS11) | Pass |
| | 7025 | 215 | ax (80MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |
| 6985 | 207 (L) | ax (160MHz) | 26 | 0 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass | Pass |
| | 6985 | 207 (U) | ax (160MHz) | 26 | 36 | SDM | 25/29.4 (MCS11) | Pass |

Table 7-198. In-Band Emission Measurements SDM Diversity (RU26)

| | | | | | |
|---|--|----------------------------|--|--|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 | MEASUREMENT REPORT (CERTIFICATION) | | | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | | | |

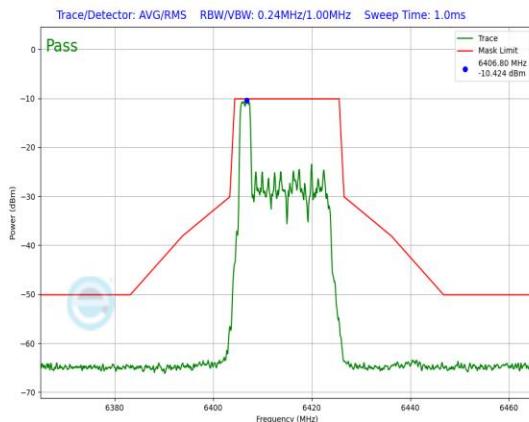
V 10.6 10/27/2023

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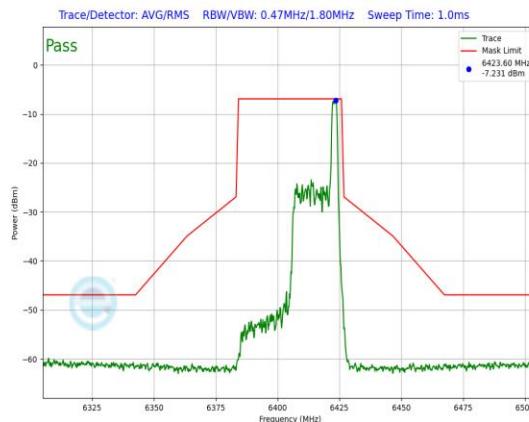
| | Frequency [MHz] | Channel | 802.11 MODE | RU Size | RU Index | Mode | Data Rate [Mbps] | Antenna 3c In-Band Emission | Antenna 1b In-Band Emission |
|--------|-----------------|---------|-------------|---------|----------|------|---------------------|-----------------------------|-----------------------------|
| Band 5 | 5955 | 1 | ax (Pass) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6175 | 45 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6415 | 93 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 5965 | 3 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6165 | 43 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6165 | 91 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 5985 | 7 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6145 | 39 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6385 | 87 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6025 | 15 | ax (160MHz) | 996x2 | 68 | SDM | 2041.6/2402 (MCS11) | Pass | Pass |
| | 6185 | 47 | ax (160MHz) | 996x2 | 68 | SDM | 2041.6/2402 (MCS11) | Pass | Pass |
| | 6345 | 79 | ax (160MHz) | 996x2 | 68 | SDM | 2041.6/2402 (MCS11) | Pass | Pass |
| Band 6 | 6345 | 97 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6475 | 105 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6515 | 113 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6445 | 99 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6485 | 107 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6525 | 115 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6465 | 103 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6505 | 111 | ax (160MHz) | 996x2 | 68 | SDM | 2041.6/2402 (MCS11) | Pass | Pass |
| Band 7 | 6535 | 117 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6695 | 149 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6875 | 185 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6565 | 123 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6725 | 155 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6845 | 179 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6545 | 119 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6705 | 151 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6865 | 183 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6665 | 143 | ax (160MHz) | 996x2 | 68 | SDM | 2041.6/2402 (MCS11) | Pass | Pass |
| | 6825 | 175 | ax (160MHz) | 996x2 | 68 | SDM | 2041.6/2402 (MCS11) | Pass | Pass |
| | 6895 | 189 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| Band 8 | 6995 | 209 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 7115 | 229 | ax (20MHz) | 242 | 61 | SDM | 243.8/286.8 (MCS11) | Pass | Pass |
| | 6885 | 187 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 7005 | 211 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 7085 | 227 | ax (40MHz) | 484 | 65 | SDM | 487.5/573.5 (MCS11) | Pass | Pass |
| | 6945 | 199 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 7025 | 215 | ax (80MHz) | 996 | 67 | SDM | 1020.8/1201 (MCS11) | Pass | Pass |
| | 6985 | 207 | ax (160MHz) | 996x2 | 68 | SDM | 2041.6/2402 (MCS11) | Pass | Pass |

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

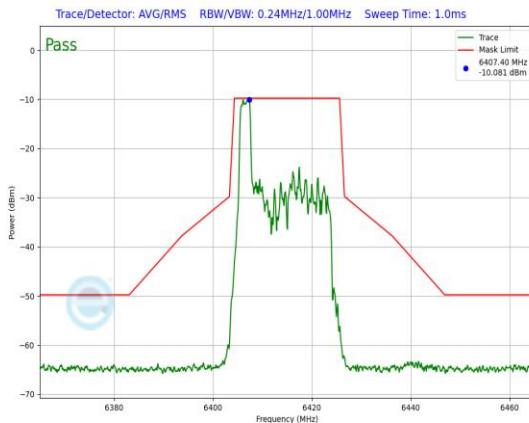
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 380 of 594 |



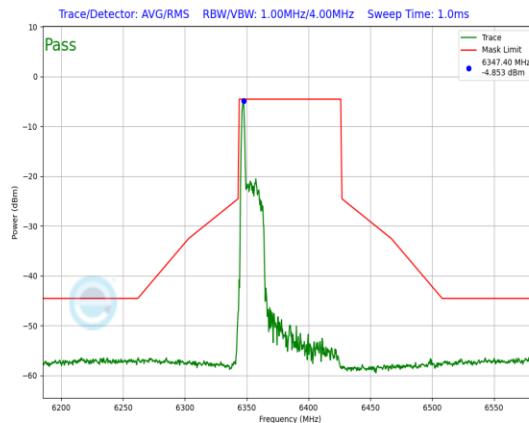
**Plot 7-889. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz)
802.11ax RU26 (UNII Band 5) – Ch. 93**



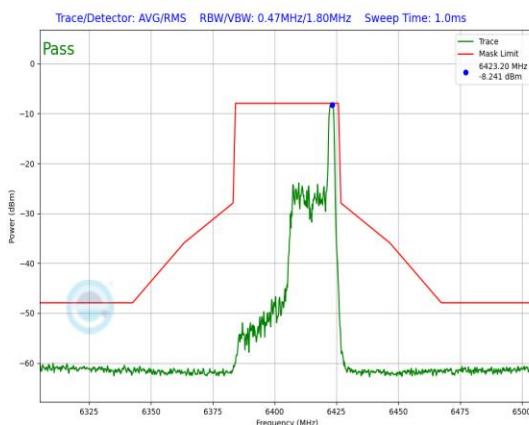
**Plot 7-892. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz)
802.11ax RU26 (UNII Band 5) – Ch. 91**



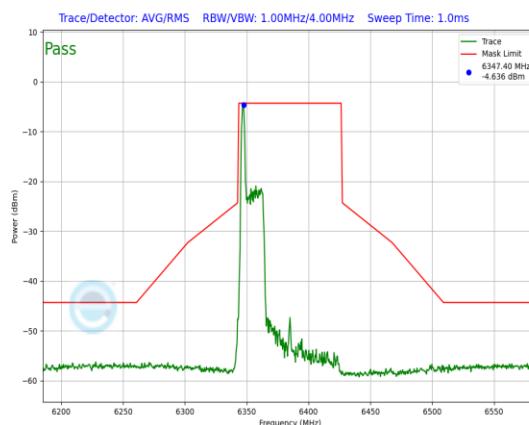
**Plot 7-890. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz)
802.11ax RU26 (UNII Band 5) – Ch. 93**



**Plot 7-893. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz)
802.11ax RU26 (UNII Band 5) – Ch. 87**

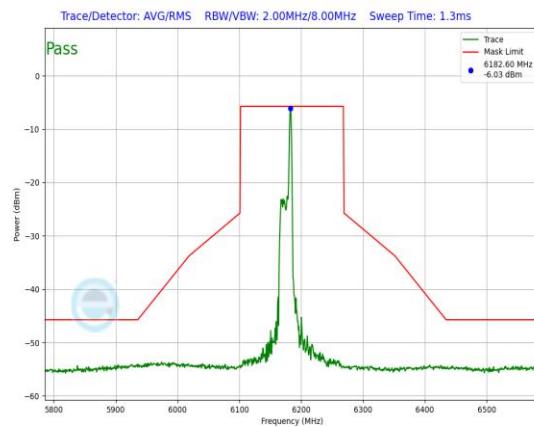


**Plot 7-891. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz)
802.11ax RU26 (UNII Band 5) – Ch. 91**

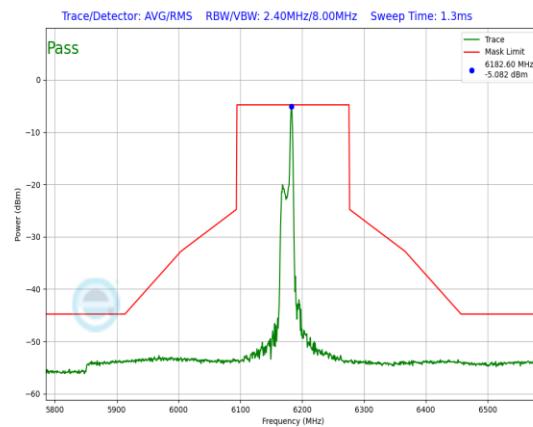


**Plot 7-894. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz)
802.11ax RU26 (UNII Band 5) – Ch. 87**

| | | | |
|---|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 381 of 594 |

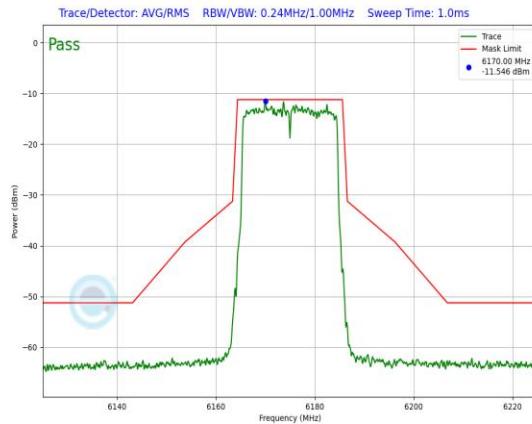


Plot 7-895. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

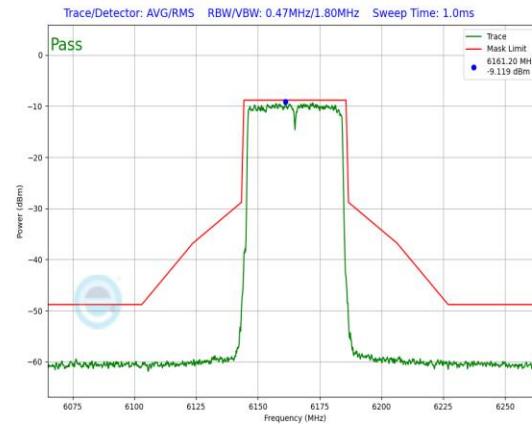


Plot 7-896. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU26 (UNII Band 5) – Ch. 47)

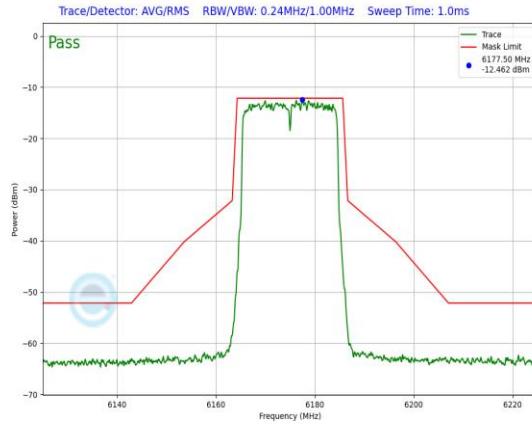
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 382 of 594 |



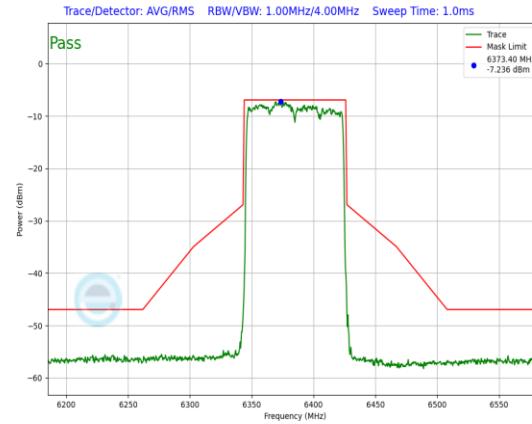
**Plot 7-897. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz)
802.11ax RU242 (UNII Band 5) – Ch. 45)**



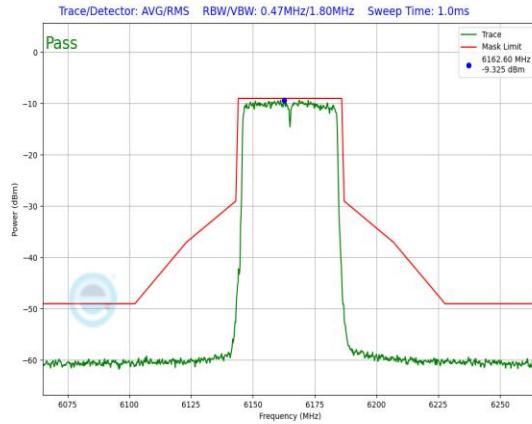
**Plot 7-900. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz)
802.11ax RU484 (UNII Band 5) – Ch. 43)**



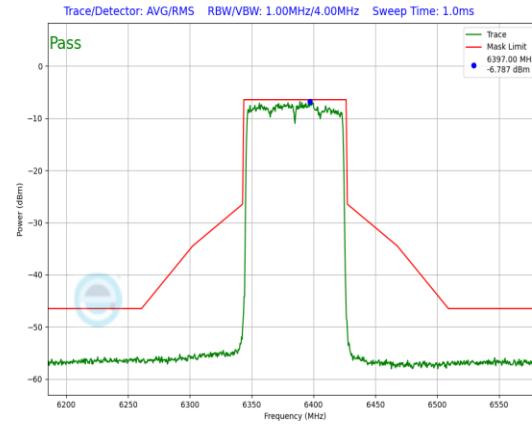
**Plot 7-898. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz)
802.11ax RU242 (UNII Band 5) – Ch. 45)**



**Plot 7-901. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz)
802.11ax RU996 (UNII Band 5) – Ch. 87)**

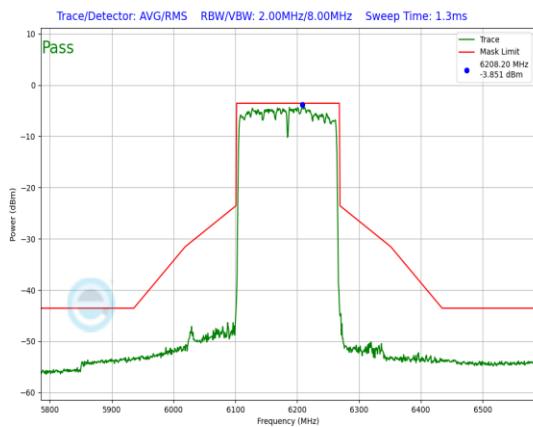


**Plot 7-899. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz)
802.11ax RU484 (UNII Band 5) – Ch. 43)**

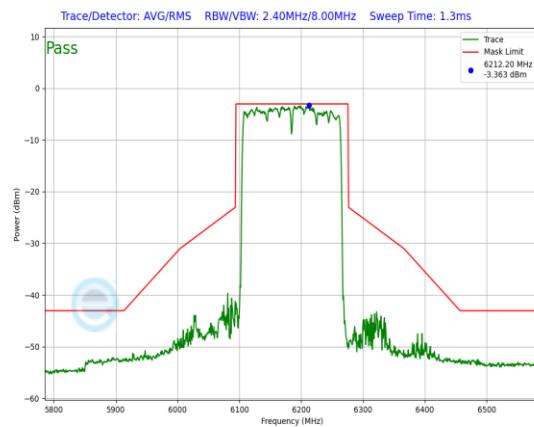


**Plot 7-902. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz)
802.11ax RU996 (UNII Band 5) – Ch. 87)**

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 383 of 594 |

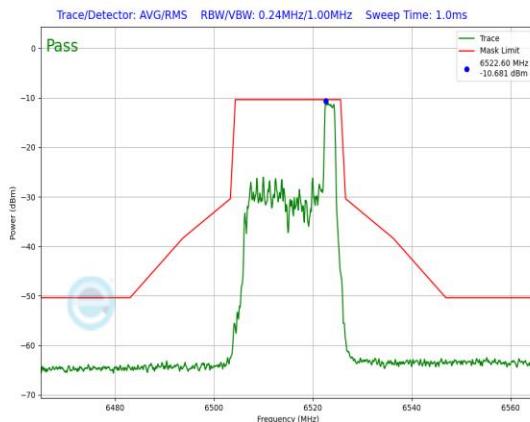


Plot 7-903. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

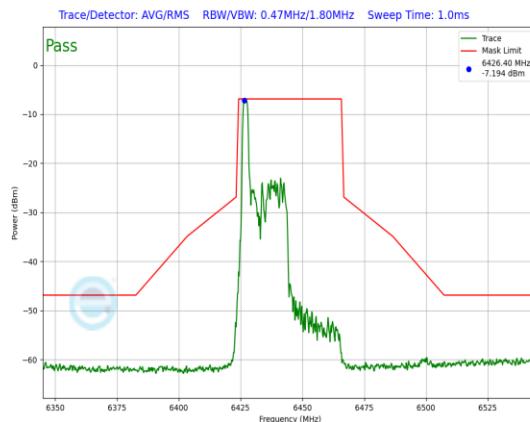


Plot 7-904. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 5) – Ch. 47)

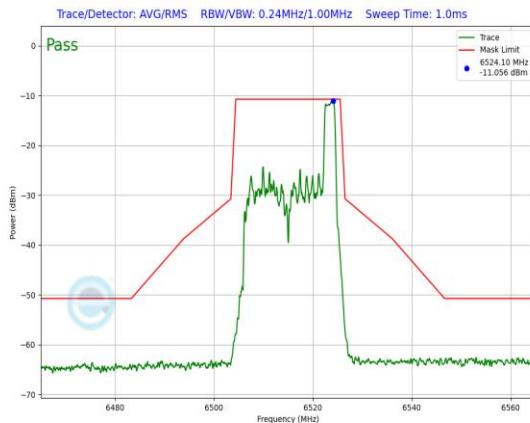
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 384 of 594 |



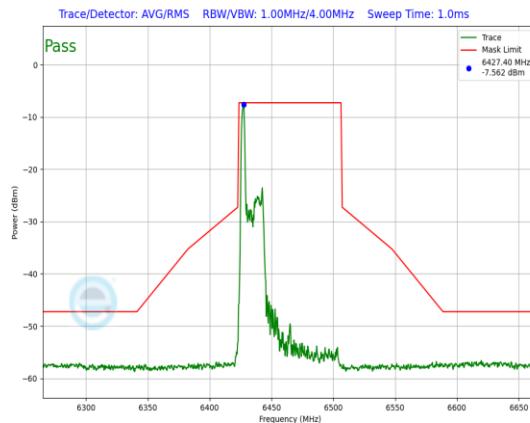
**Plot 7-905. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz)
802.11ax RU26 (UNII Band 6) – Ch. 113**



**Plot 7-908. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz)
802.11ax RU26 (UNII Band 6) – Ch. 99**



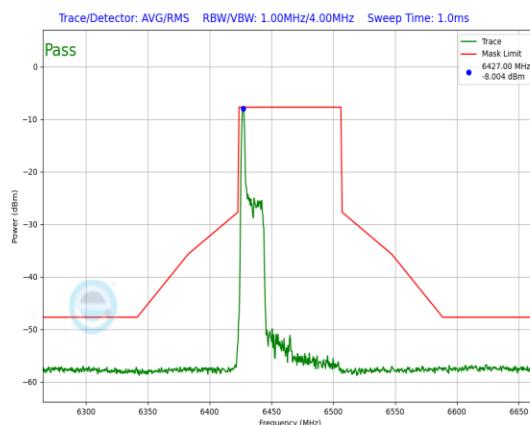
**Plot 7-906. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz)
802.11ax RU26 (UNII Band 6) – Ch. 113**



**Plot 7-909. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz)
802.11ax RU26 (UNII Band 6) – Ch. 103**

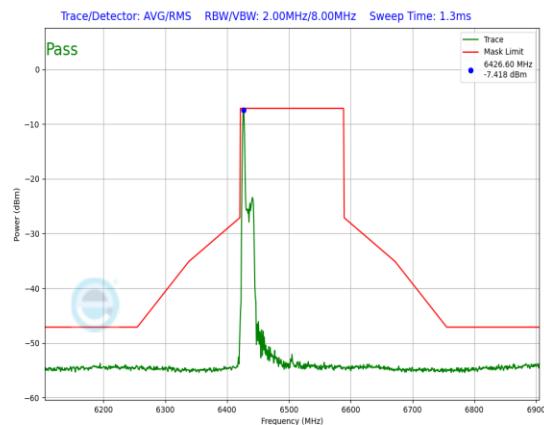


**Plot 7-907. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz)
802.11ax RU26 (UNII Band 6) – Ch. 99**

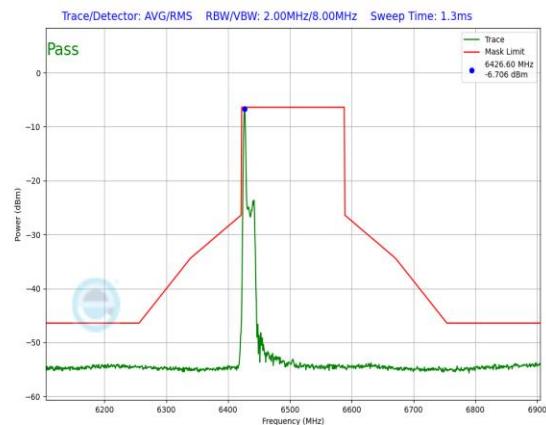


**Plot 7-910. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz)
802.11ax RU26 (UNII Band 6) – Ch. 103**

| | | | |
|---|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 385 of 594 |

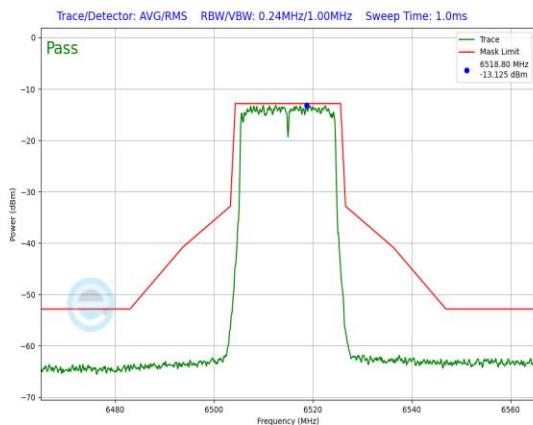


Plot 7-911. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

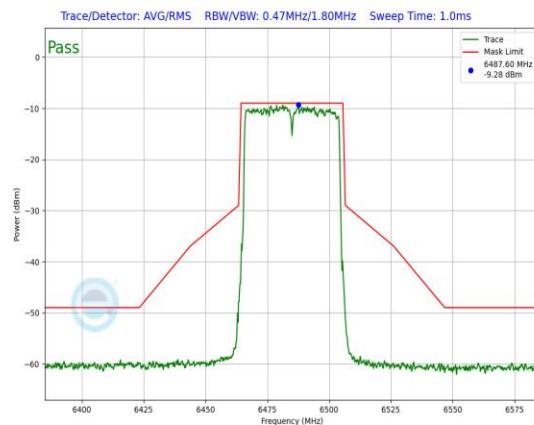


Plot 7-912. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU26 (UNII Band 6) – Ch. 111)

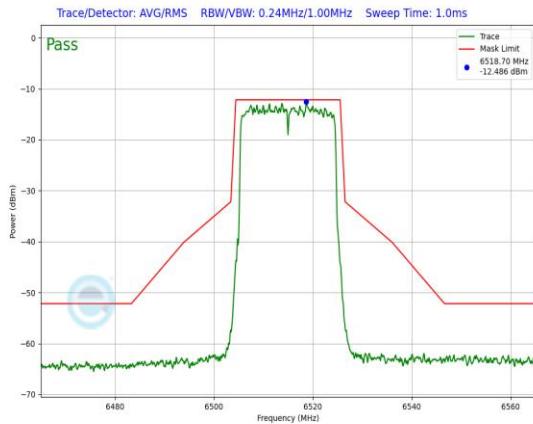
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 386 of 594 |



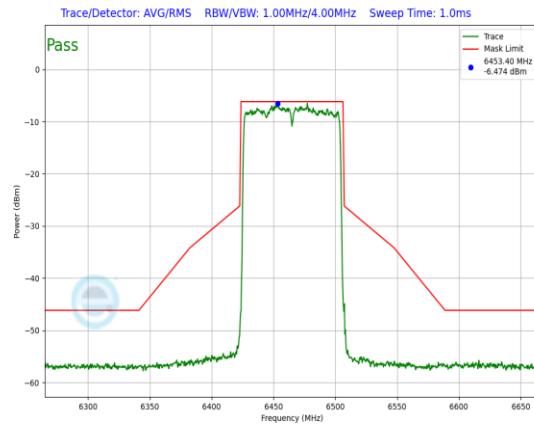
Plot 7-913. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz) 802.11ax RU242 (UNII Band 6) – Ch. 113



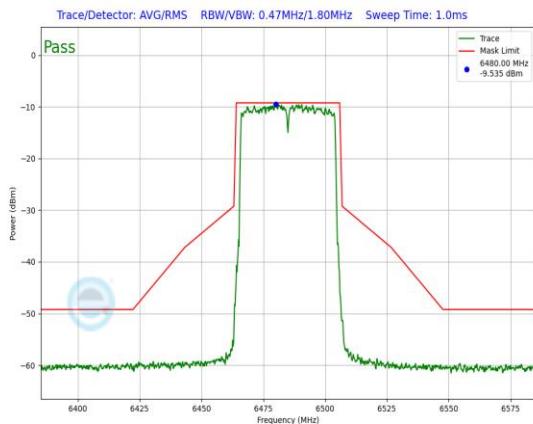
Plot 7-916. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz) 802.11ax RU484 (UNII Band 6) – Ch. 107



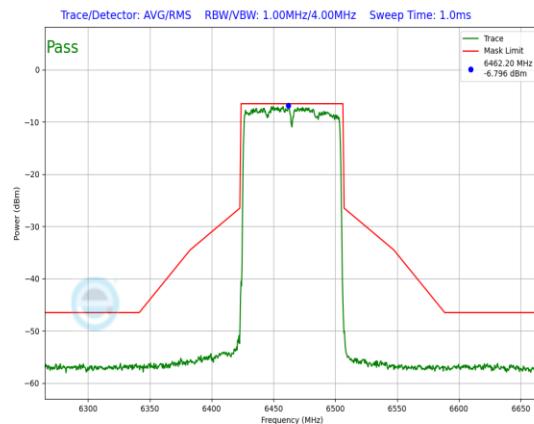
Plot 7-914. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz) 802.11ax RU242 (UNII Band 6) – Ch. 113



Plot 7-917. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz) 802.11ax RU996 (UNII Band 6) – Ch. 103

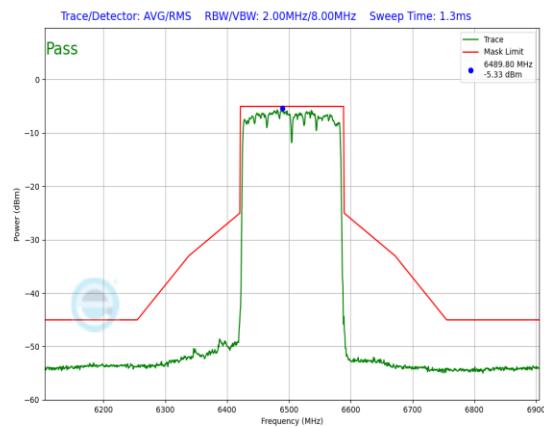


Plot 7-915. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz) 802.11ax RU484 (UNII Band 6) – Ch. 107

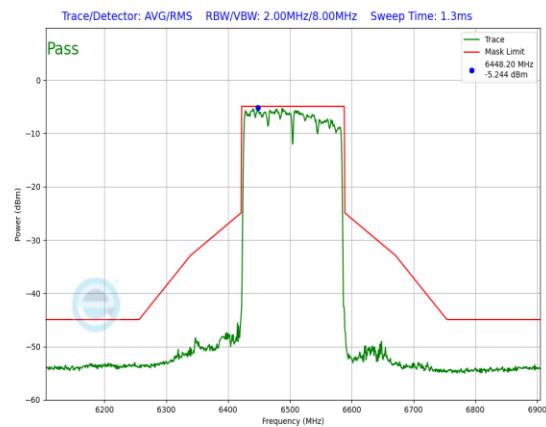


Plot 7-918. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz) 802.11ax RU996 (UNII Band 6) – Ch. 103

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 387 of 594 |

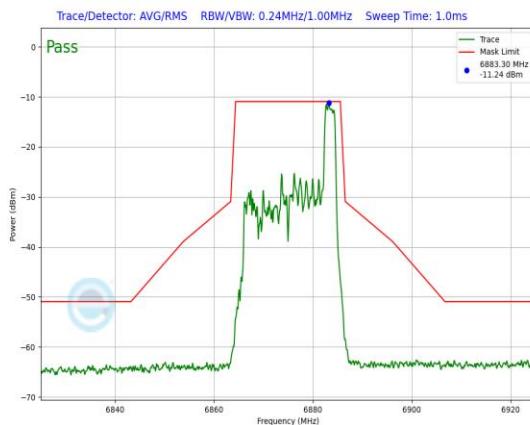


Plot 7-919. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)

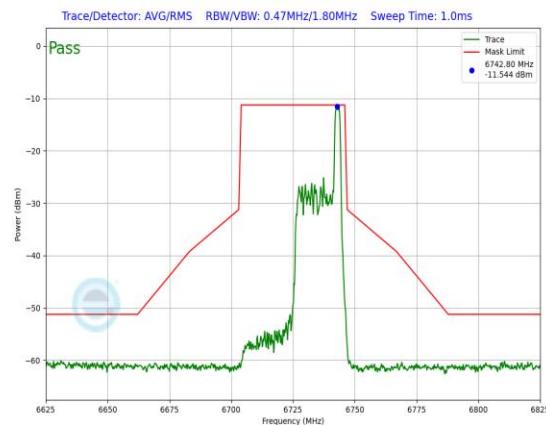


Plot 7-920. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 6) – Ch. 111)

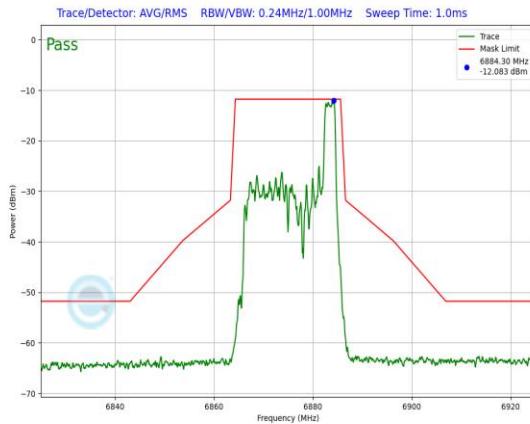
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 388 of 594 |



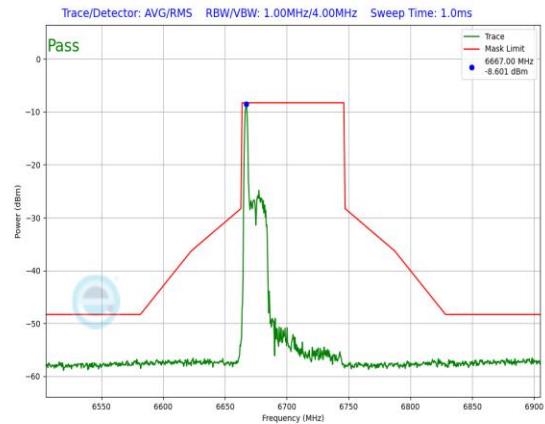
Plot 7-921. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 185)



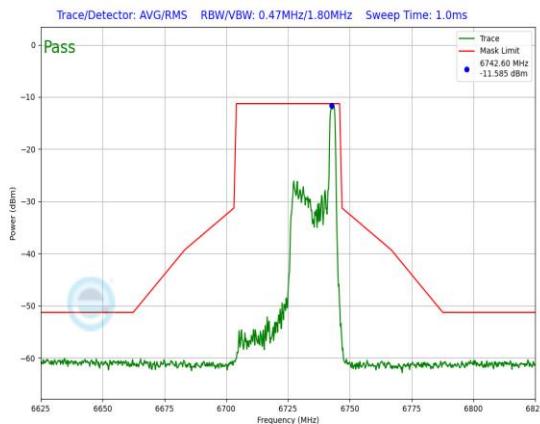
Plot 7-924. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



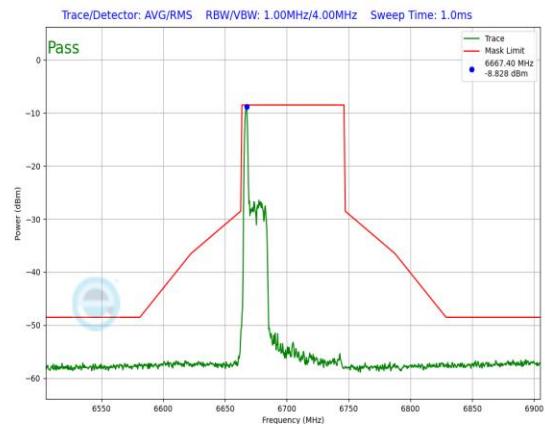
Plot 7-922. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz 802.11ax RU26 (UNII Band 7) – Ch. 185)



Plot 7-925. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

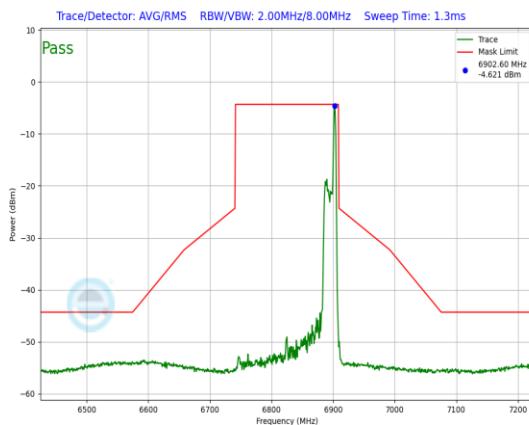


Plot 7-923. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

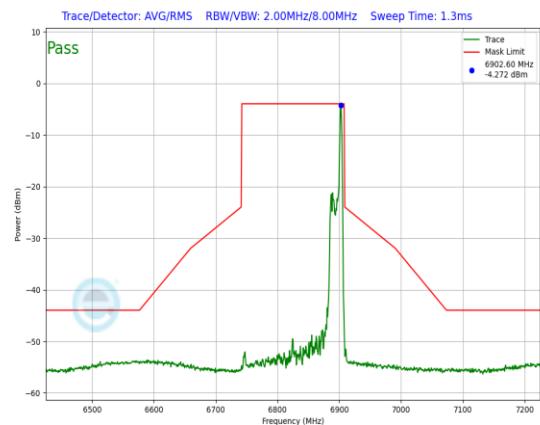


Plot 7-926. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 389 of 594 |

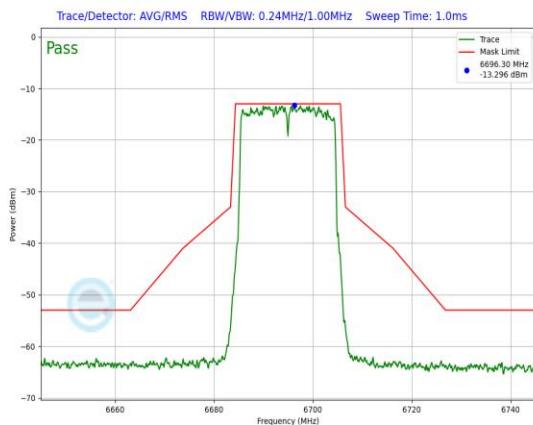


Plot 7-927. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 175)

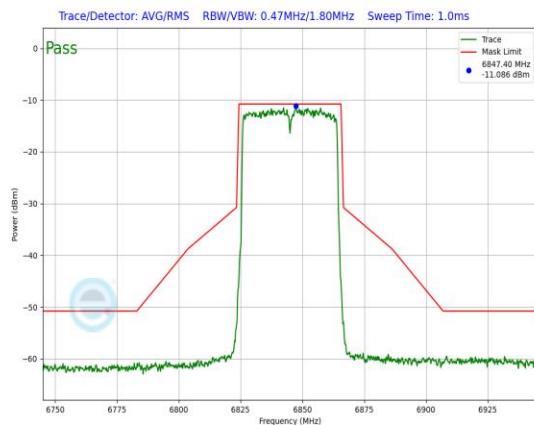


Plot 7-928. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 175)

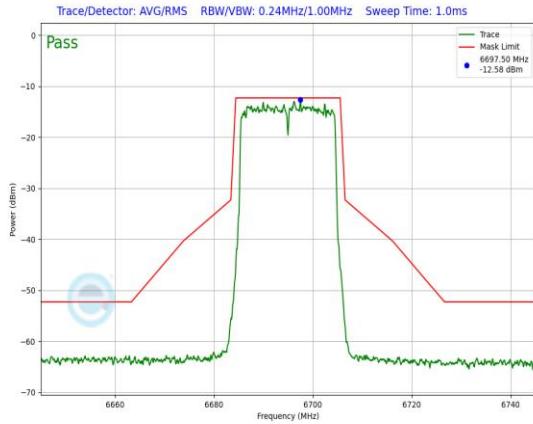
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 390 of 594 |



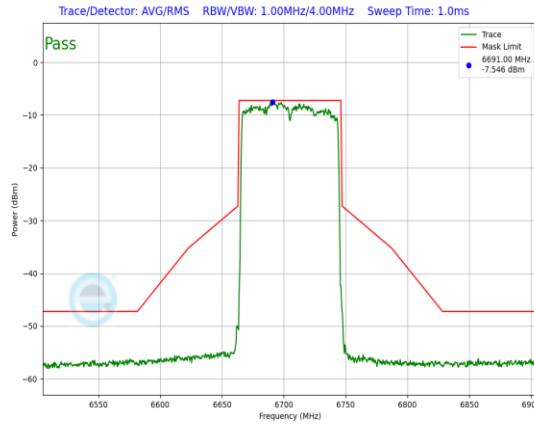
Plot 7-929. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz) 802.11ax RU242 (UNII Band 7) – Ch. 149)



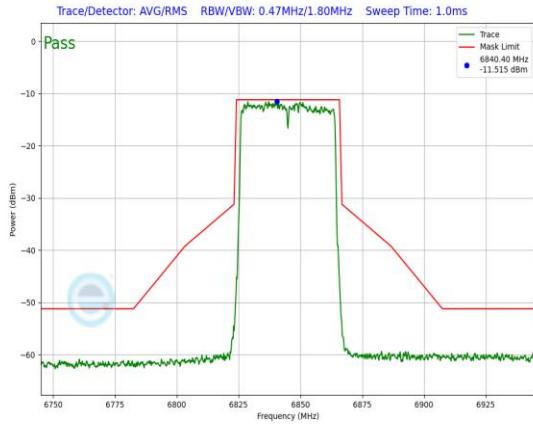
Plot 7-932. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz) 802.11ax RU484 (UNII Band 7) – Ch. 179)



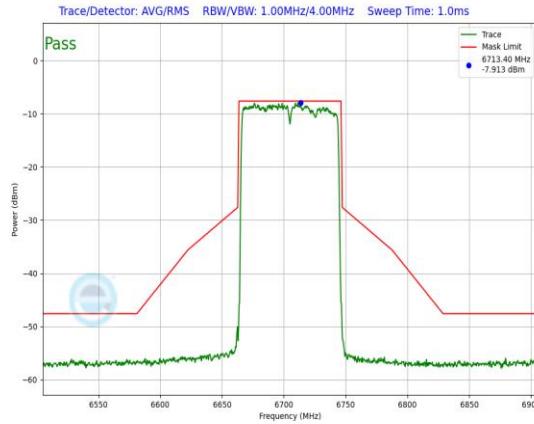
Plot 7-930. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz) 802.11ax RU242 (UNII Band 7) – Ch. 149)



Plot 7-933. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz) 802.11ax RU996 (UNII Band 7) – Ch. 151)

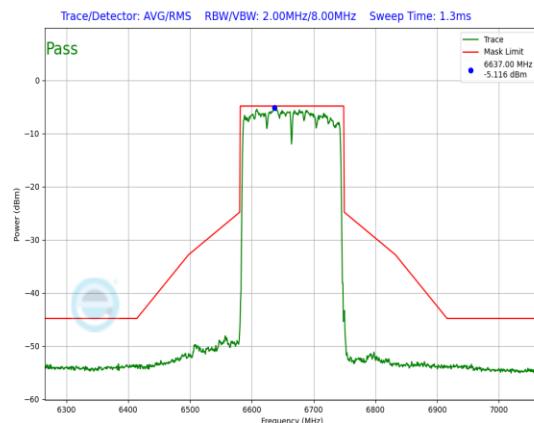


Plot 7-931. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz) 802.11ax RU484 (UNII Band 7) – Ch. 179)

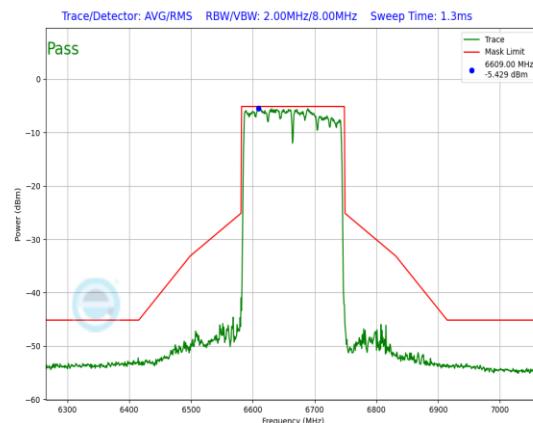


Plot 7-934. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz) 802.11ax RU996 (UNII Band 7) – Ch. 151)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 391 of 594 |

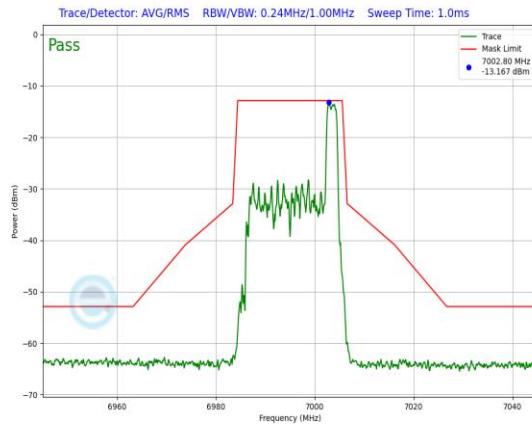


Plot 7-935. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

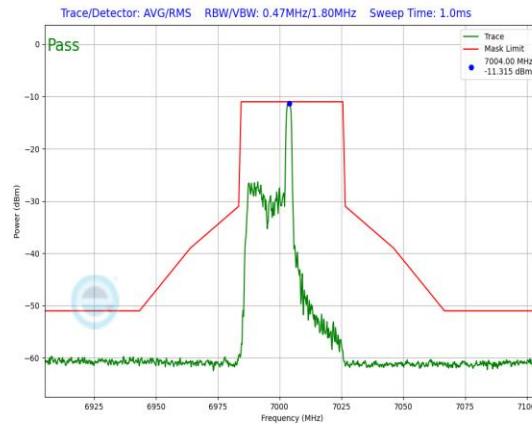


Plot 7-936. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 7) – Ch. 143)

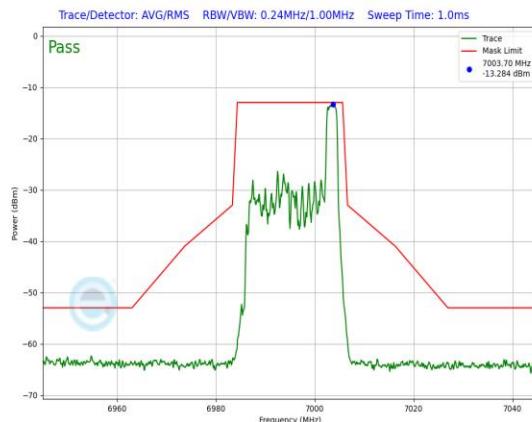
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 392 of 594 |



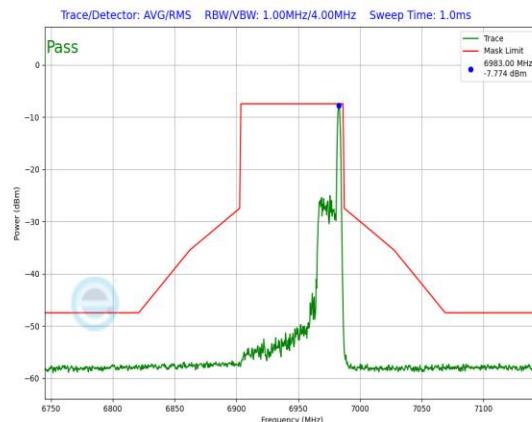
**Plot 7-937. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz)
802.11ax RU26 (UNII Band 8) – Ch. 209**



**Plot 7-940. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz)
802.11ax RU26 (UNII Band 8) – Ch. 211**



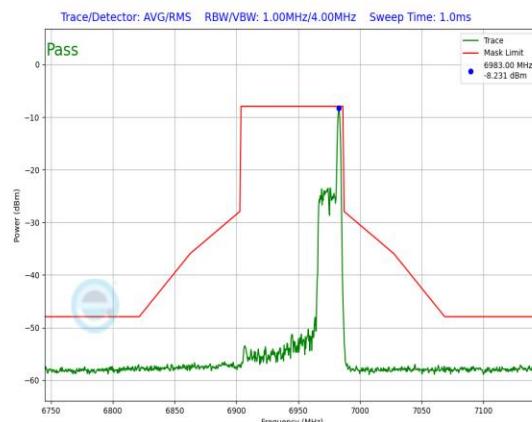
**Plot 7-938. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz)
802.11ax RU26 (UNII Band 8) – Ch. 209**



**Plot 7-941. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz)
802.11ax RU26 (UNII Band 8) – Ch. 199**

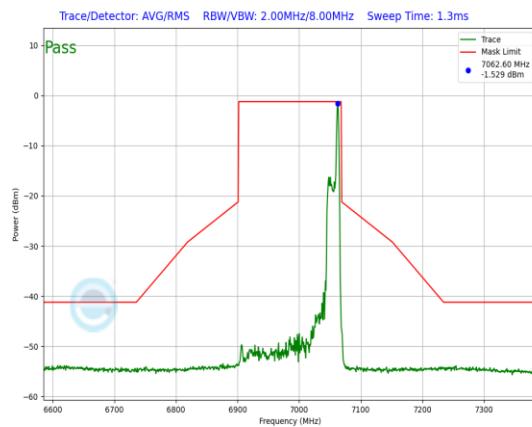


**Plot 7-939. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz)
802.11ax RU26 (UNII Band 8) – Ch. 211**

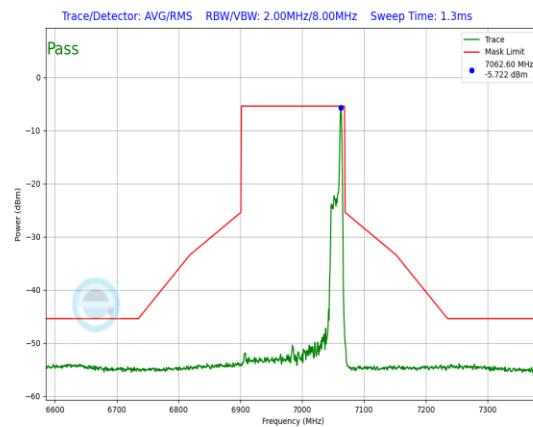


**Plot 7-942. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz)
802.11ax RU26 (UNII Band 8) – Ch. 199**

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 393 of 594 |

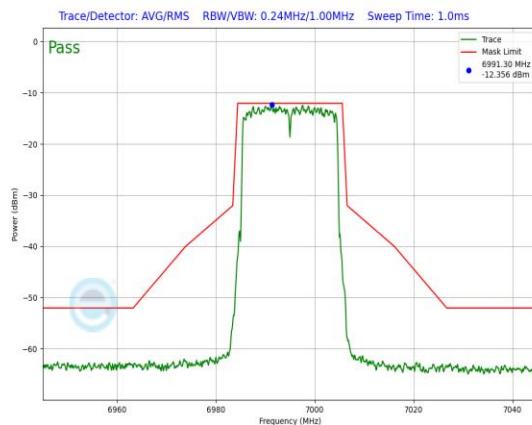


Plot 7-943. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

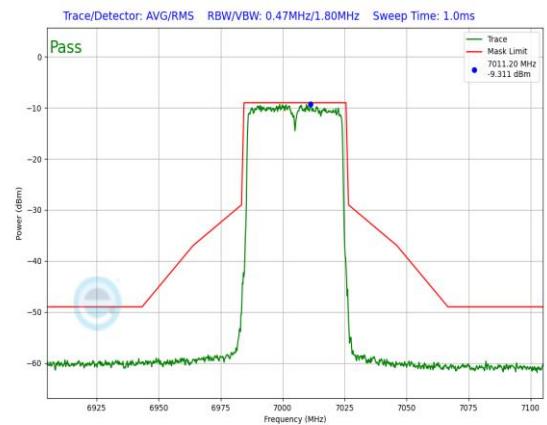


Plot 7-944. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

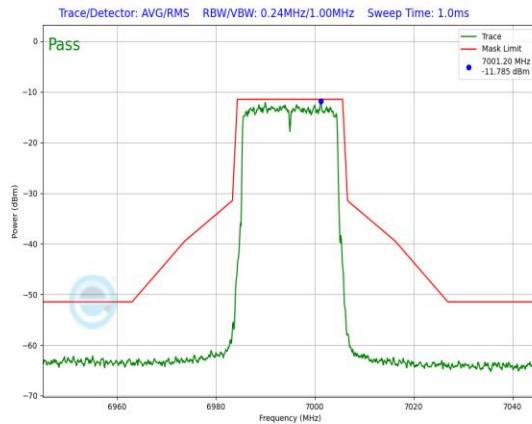
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 394 of 594 |



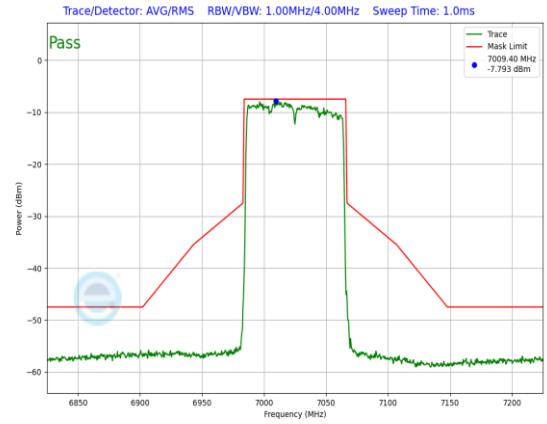
Plot 7-945. In-Band Emission Plot SDM Diversity Antenna 3c (20MHz) 802.11ax RU242 (UNII Band 8) – Ch. 209



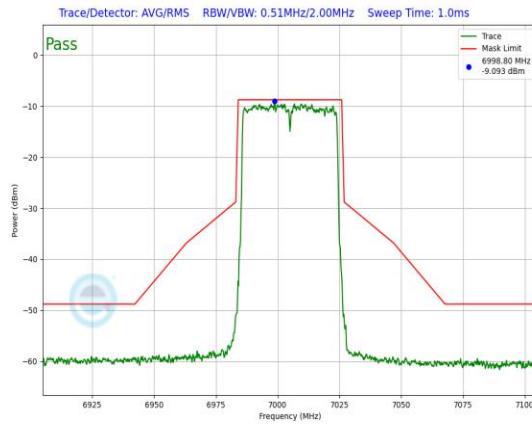
Plot 7-948. In-Band Emission Plot SDM Diversity Antenna 1b (40MHz) 802.11ax RU484 (UNII Band 8) – Ch. 211



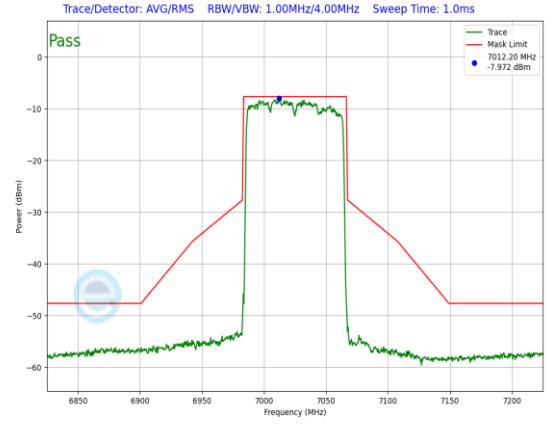
Plot 7-946. In-Band Emission Plot SDM Diversity Antenna 1b (20MHz) 802.11ax RU242 (UNII Band 8) – Ch. 209



Plot 7-949. In-Band Emission Plot SDM Diversity Antenna 3c (80MHz) 802.11ax RU996 (UNII Band 8) – Ch. 215

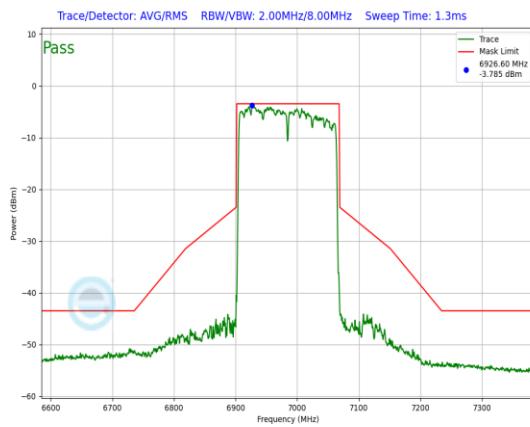


Plot 7-947. In-Band Emission Plot SDM Diversity Antenna 3c (40MHz) 802.11ax RU484 (UNII Band 8) – Ch. 211



Plot 7-950. In-Band Emission Plot SDM Diversity Antenna 1b (80MHz) 802.11ax RU996 (UNII Band 8) – Ch. 215

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 395 of 594 |



Plot 7-951. In-Band Emission Plot SDM Diversity Antenna 3c (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)



Plot 7-952. In-Band Emission Plot SDM Diversity Antenna 1b (160MHz 802.11ax RU996x2 (UNII Band 8) – Ch. 207)

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 396 of 594 |

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: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 397 of 594 |

Test Setup

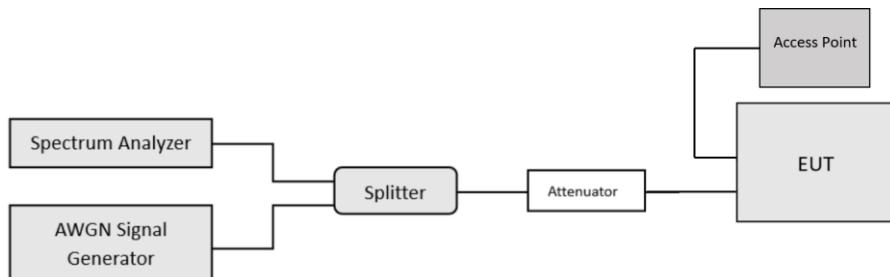


Figure 2. Contention-based protocol test setup, conducted method

Test Notes

1. The EUT does not 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 run in order to assure that at least 90% of certainty was met.

Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

Equation 7-1. Incumbent Detection Level Calculation

| | | | |
|---|--|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 398 of 594 |

| Band | Channel | Channel Freqnency [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 | -75.61 | -3.10 | -72.51 | -62.0 | -10.51 |
| | 47 | 6185 | 160 | 6110 | -68.05 | -3.10 | -64.95 | -62.0 | -2.95 |
| | | | | 6185 | -68.27 | -3.10 | -65.17 | -62.0 | -3.17 |
| | | | | 6260 | -67.11 | -3.10 | -64.01 | -62.0 | -2.01 |
| UNII Band 6 | 101 | 6455 | 20 | 6455 | -72.77 | -3.10 | -69.67 | -62.0 | -7.67 |
| | 111 | 6505 | 160 | 6430 | -66.13 | -3.10 | -63.03 | -62.0 | -1.03 |
| | | | | 6505 | -65.12 | -3.10 | -62.02 | -62.0 | -0.02 |
| | | | | 6580 | -66.08 | -3.10 | -62.98 | -62.0 | -0.98 |
| UNII Band 7 | 149 | 6695 | 20 | 6695 | -69.68 | -3.10 | -66.58 | -62.0 | -4.58 |
| | 143 | 6665 | 160 | 6590 | -65.99 | -3.10 | -62.89 | -62.0 | -0.89 |
| | | | | 6665 | -66.01 | -3.10 | -62.91 | -62.0 | -0.91 |
| | | | | 6740 | -66.10 | -3.10 | -63.00 | -62.0 | -1.00 |
| UNII Band 8 | 197 | 6935 | 20 | 6935 | -71.73 | -3.10 | -68.63 | -62.0 | -6.63 |
| | 207 | 6985 | 160 | 6910 | -65.92 | -3.10 | -62.82 | -62.0 | -0.82 |
| | | | | 6985 | -65.56 | -3.10 | -62.46 | -62.0 | -0.46 |
| | | | | 7060 | -65.62 | -3.10 | -62.52 | -62.0 | -0.52 |

Table 7-200. Contention Based Protocol – Incumbent Detection Results

| Band | Channel | Channel Freqnency [MHz] | Channel BW [MHz] | Incumbent Frequency [MHz] | EUT Transmission Status | | |
|-------------|---------|-------------------------|------------------|---------------------------|---------------------------|---------|--------|
| | | | | | Adjusted AWGN Power (dBm) | | |
| | | | | | Normal | Minimal | Ceased |
| UNII Band 5 | 53 | 6215 | 20 | 6215 | -83.69 | -73.76 | -72.51 |
| | 47 | 6185 | 160 | 6110 | -76.13 | -66.20 | -64.95 |
| | | | | 6185 | -76.34 | -66.42 | -65.17 |
| | | | | 6260 | -75.19 | -65.26 | -64.01 |
| UNII Band 6 | 101 | 6455 | 20 | 6455 | -80.84 | -70.92 | -69.67 |
| | 111 | 6505 | 160 | 6430 | -74.21 | -64.28 | -63.03 |
| | | | | 6505 | -73.20 | -63.27 | -62.02 |
| | | | | 6580 | -74.16 | -64.23 | -62.98 |
| UNII Band 7 | 149 | 6695 | 20 | 6695 | -77.56 | -67.80 | -66.58 |
| | 143 | 6665 | 160 | 6750 | -73.87 | -64.11 | -62.89 |
| | | | | 6825 | -73.89 | -64.13 | -62.91 |
| | | | | 6900 | -73.98 | -64.22 | -63.00 |
| UNII Band 8 | 197 | 6935 | 20 | 6935 | -79.61 | -69.85 | -68.63 |
| | 207 | 6985 | 160 | 6910 | -73.80 | -64.04 | -62.82 |
| | | | | 6985 | -73.44 | -63.68 | -62.46 |
| | | | | 7060 | -73.50 | -63.74 | -62.52 |

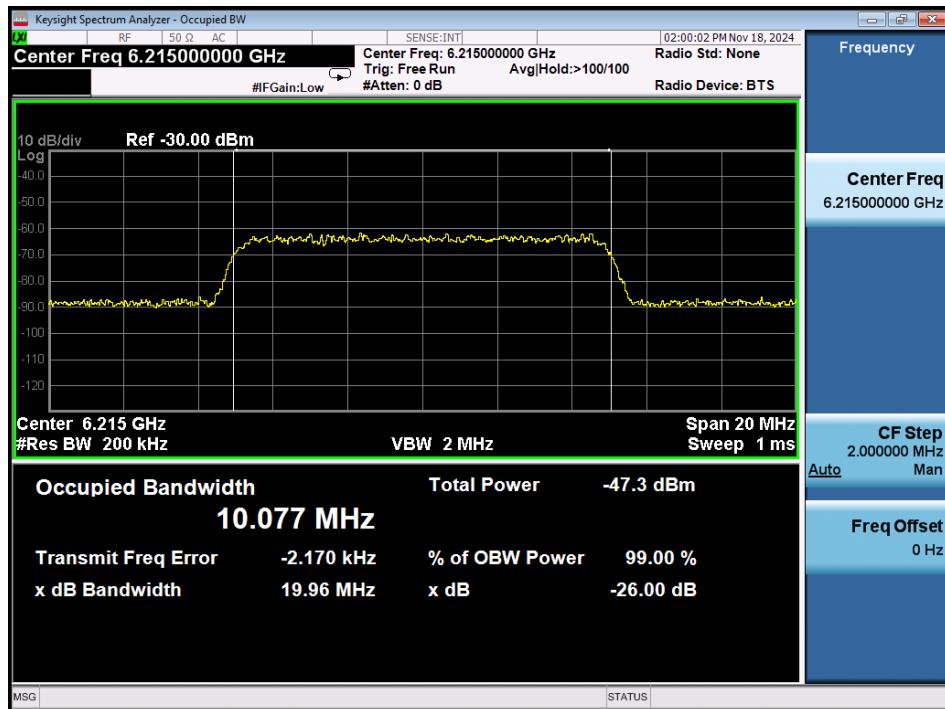
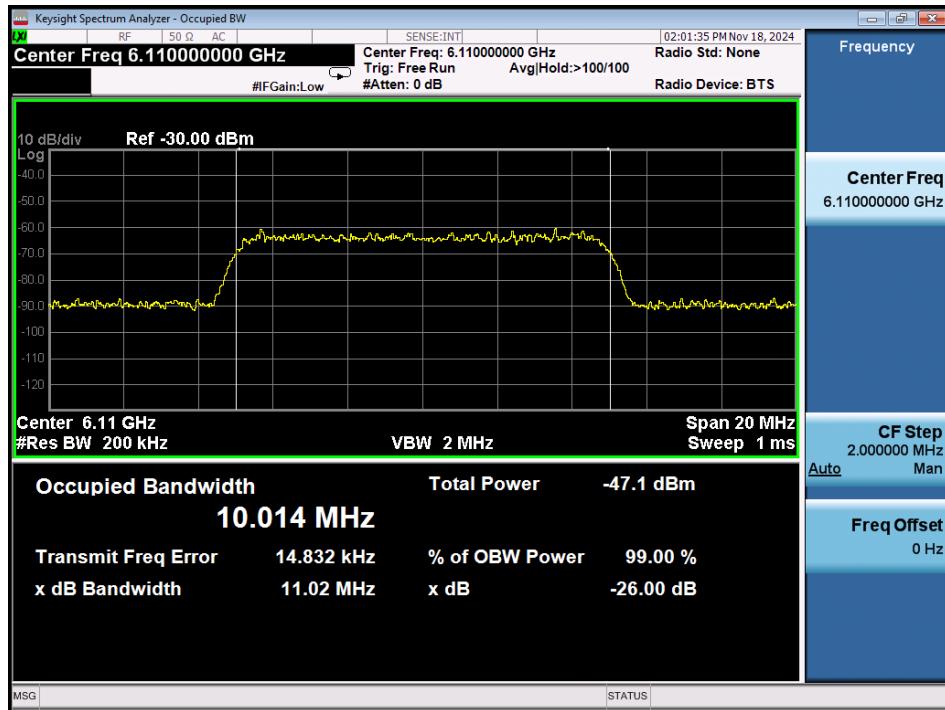
Table 7-201. Contention Based Protocol – Detection Results – All Tx Cases

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 399 of 594 |

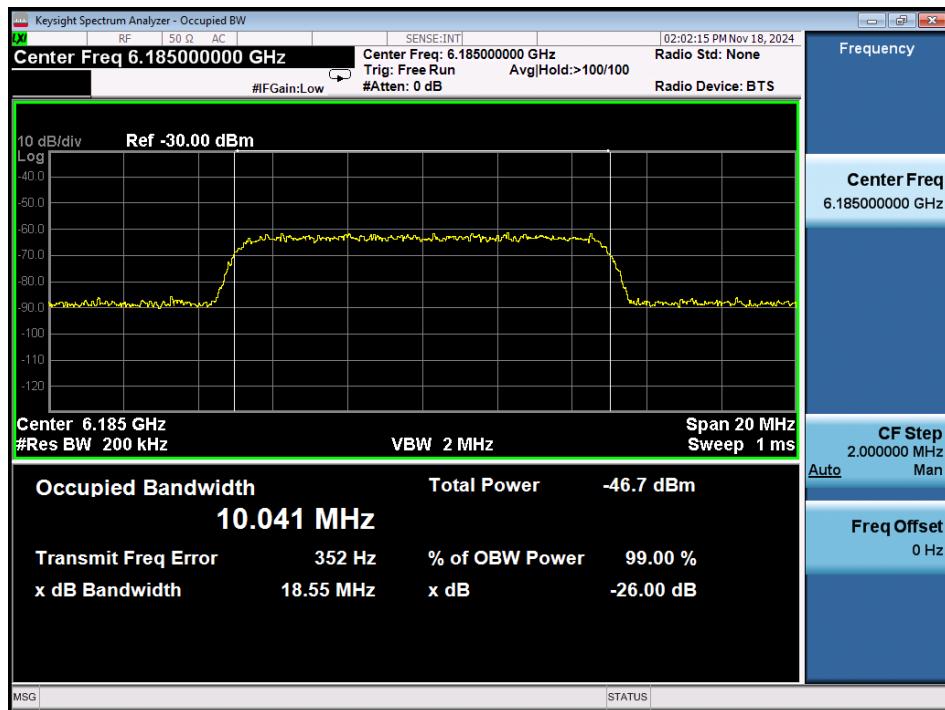
| CBP Detection (1=Detection, Blank=No Detection) | | | | | | | | | | | | | | | | | | | | | |
|---|---------|-------------------------|------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|-------|--------------------|-----------|-----------|
| Band | Channel | Channel Frequency [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 | 100.0 | 90 | Pass | |
| | 47 | 6185 | 160 | 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 | 100.0 | 90 | Pass | |
| | | | | 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 | 100.0 | 90 | Pass | |
| | 111 | 6505 | 160 | 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 | 100.0 | 90 | Pass | |
| UNII Band 7 | 149 | 6695 | 20 | 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 | 100.0 | 90 | Pass | |
| | | | | 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 | 100.0 | 90 | Pass | |
| | 207 | 6985 | 160 | 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 | 100.0 | 90 | Pass | |

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

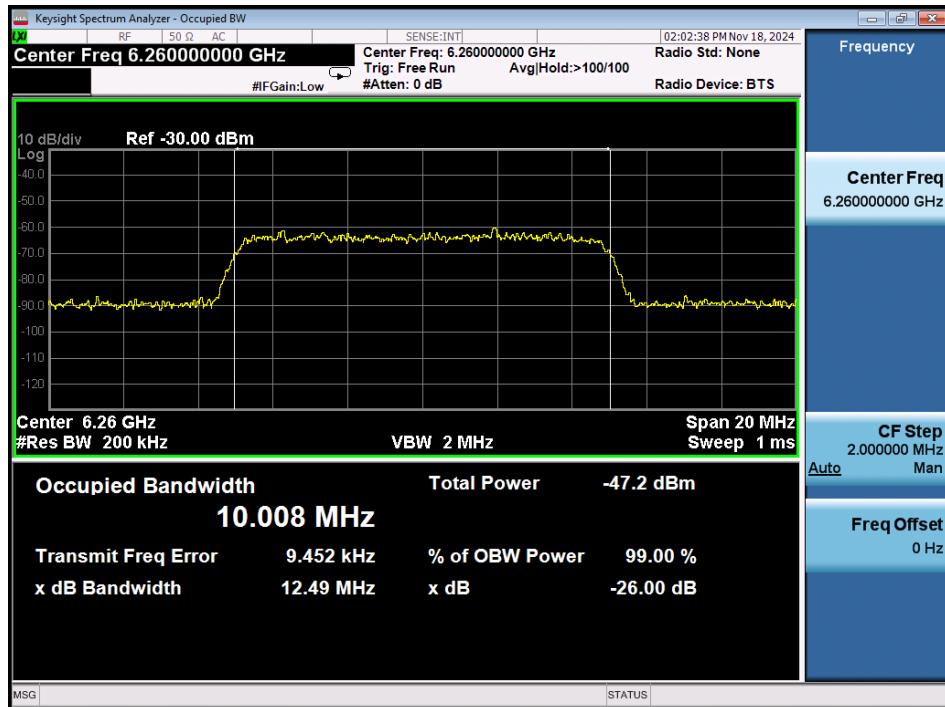
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 400 of 594 |

AWGN Plots

Plot 7-953. AWGN Signal – UNII 5 – 20MHz

Plot 7-954. AWGN Signal – UNII 5 – 160MHz - Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 401 of 594 |

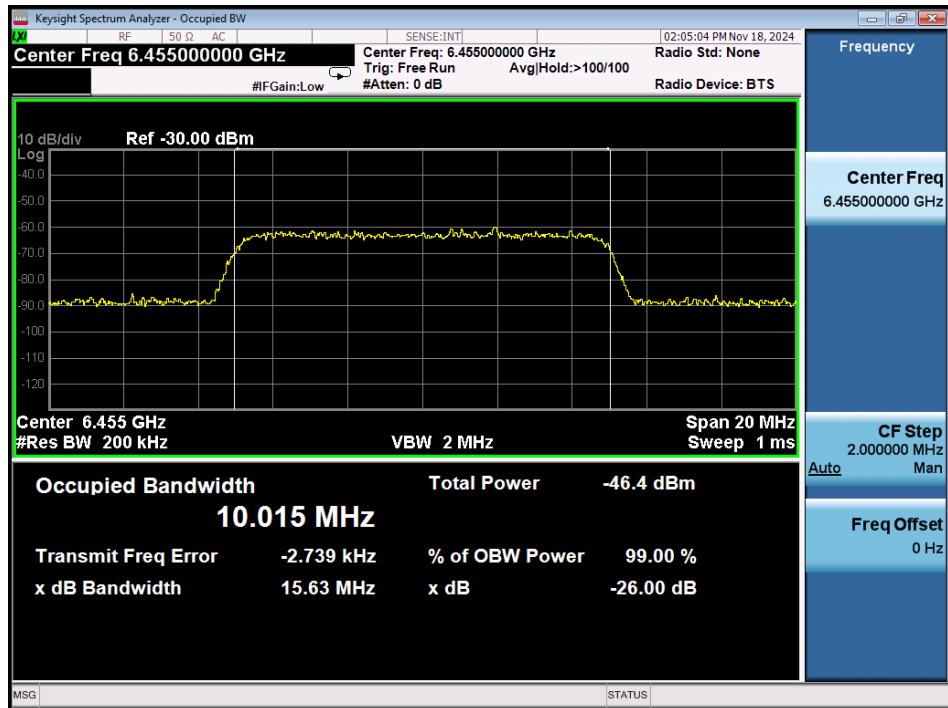


Plot 7-955. AWGN Signal – UNII 5 – 160MHz – Mid

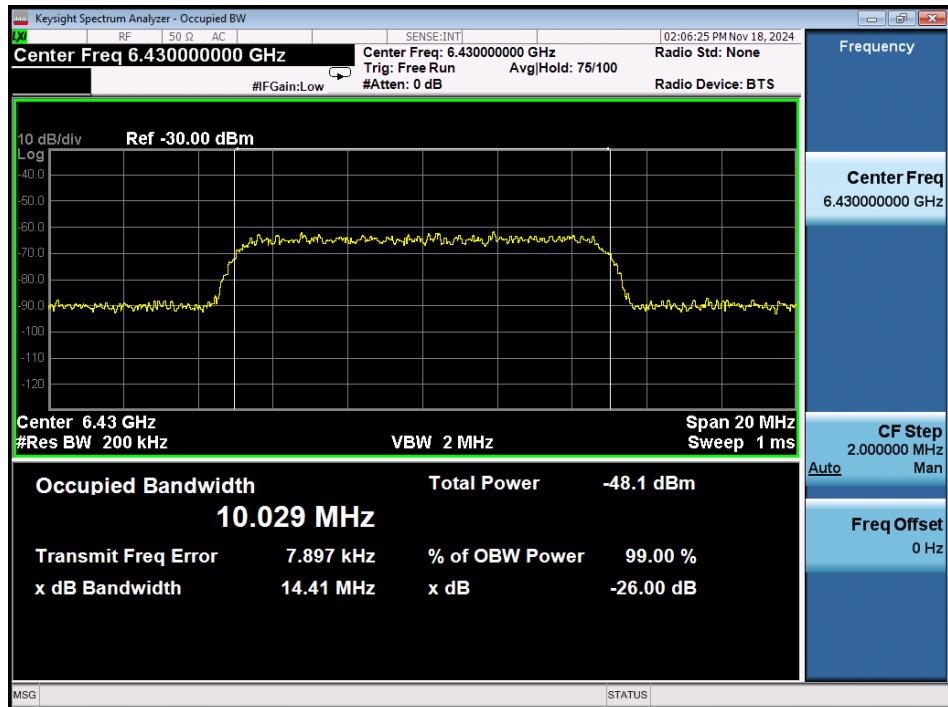


Plot 7-956. AWGN Signal – UNII 5 – 160MHz - High

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 402 of 594 |

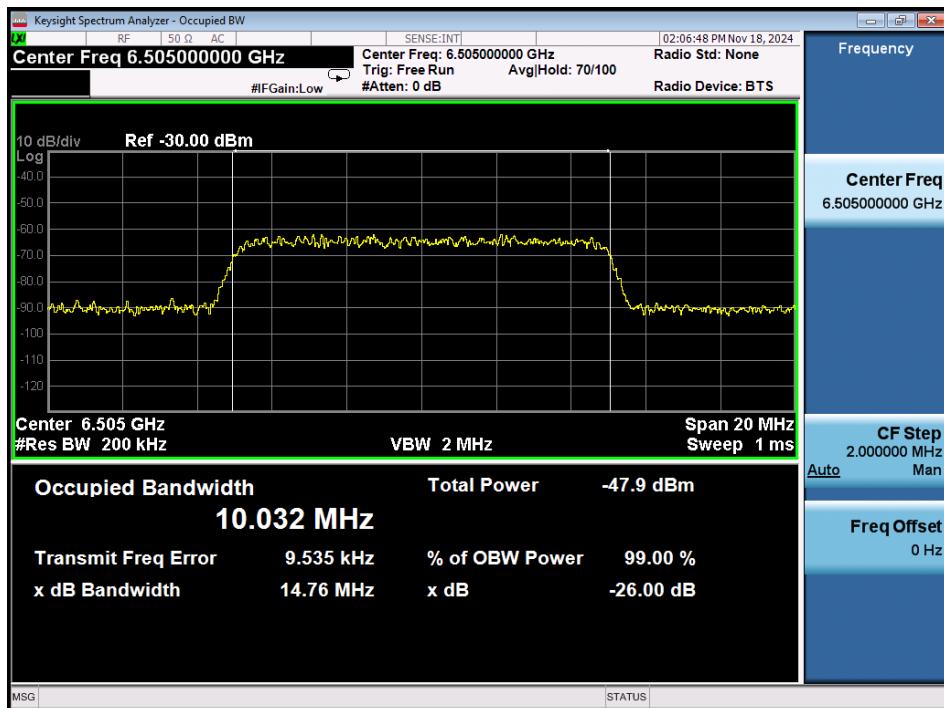


Plot 7-957. AWGN Signal – UNII 6 – 20MHz

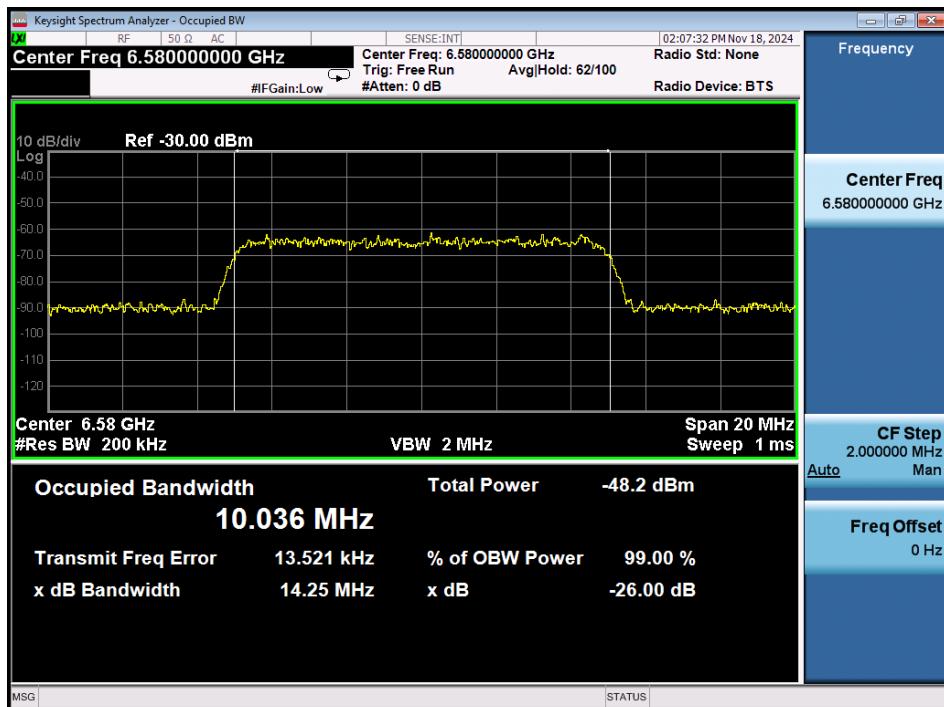


Plot 7-958. AWGN Signal – UNII 6 – 160MHz - Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 403 of 594 |

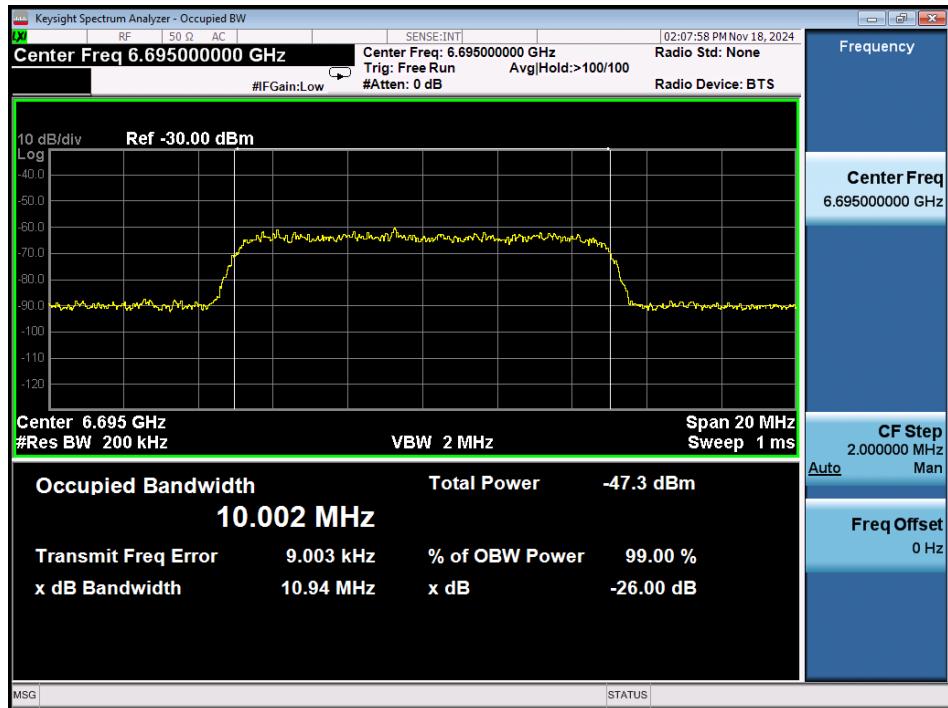


Plot 7-959. AWGN Signal – UNII 6 – 160MHz – Mid

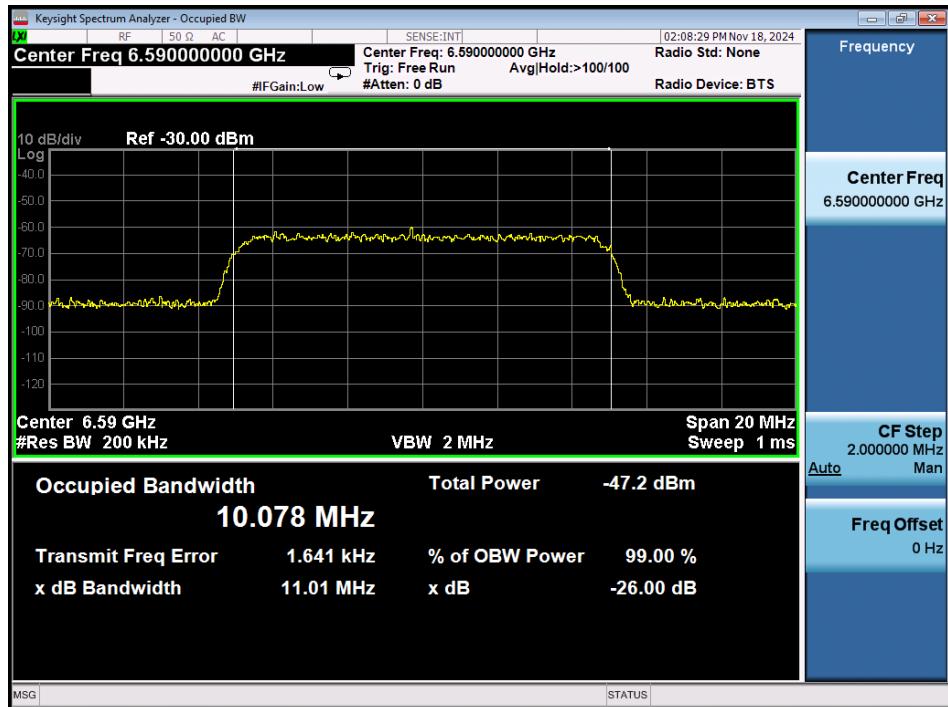


Plot 7-960. AWGN Signal – UNII 6 – 160MHz - High

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 404 of 594 |

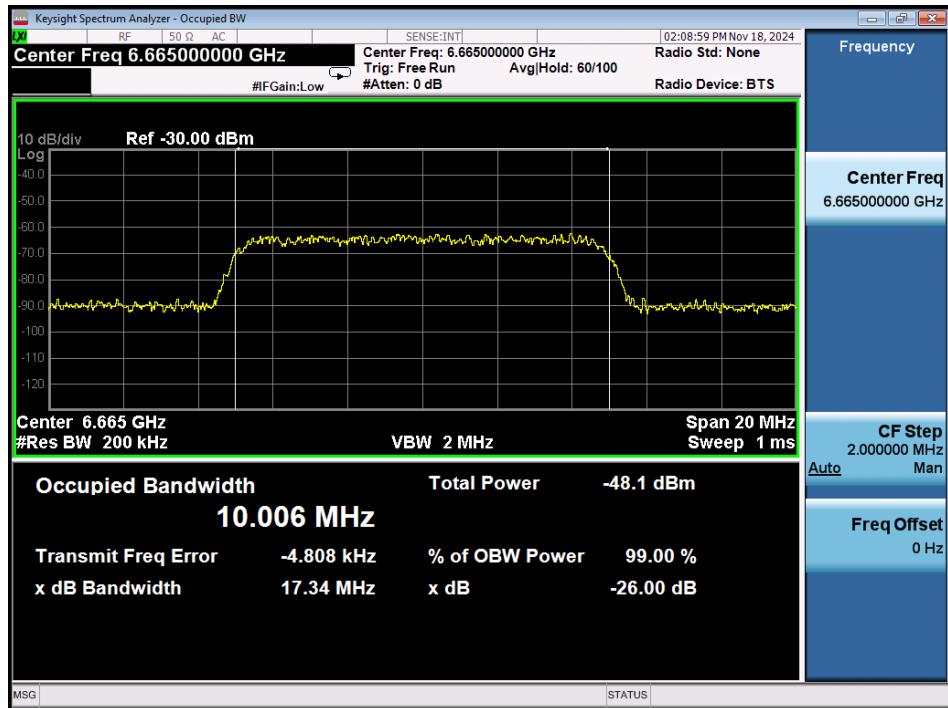


Plot 7-961. AWGN Signal – UNII 7 – 20MHz

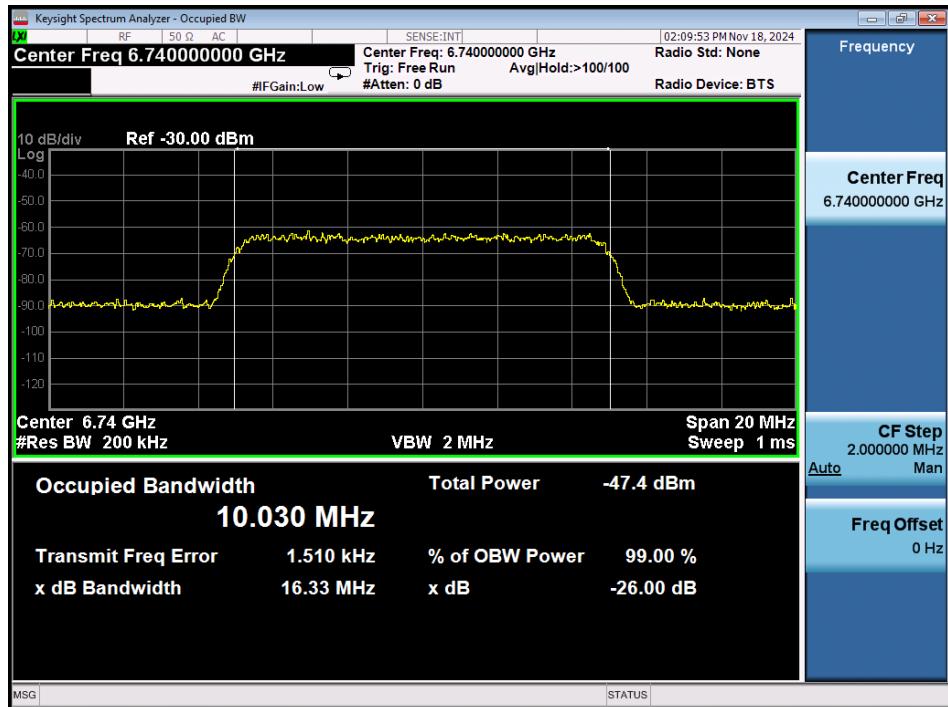


Plot 7-962. AWGN Signal – UNII 7 – 160MHz - Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 405 of 594 |

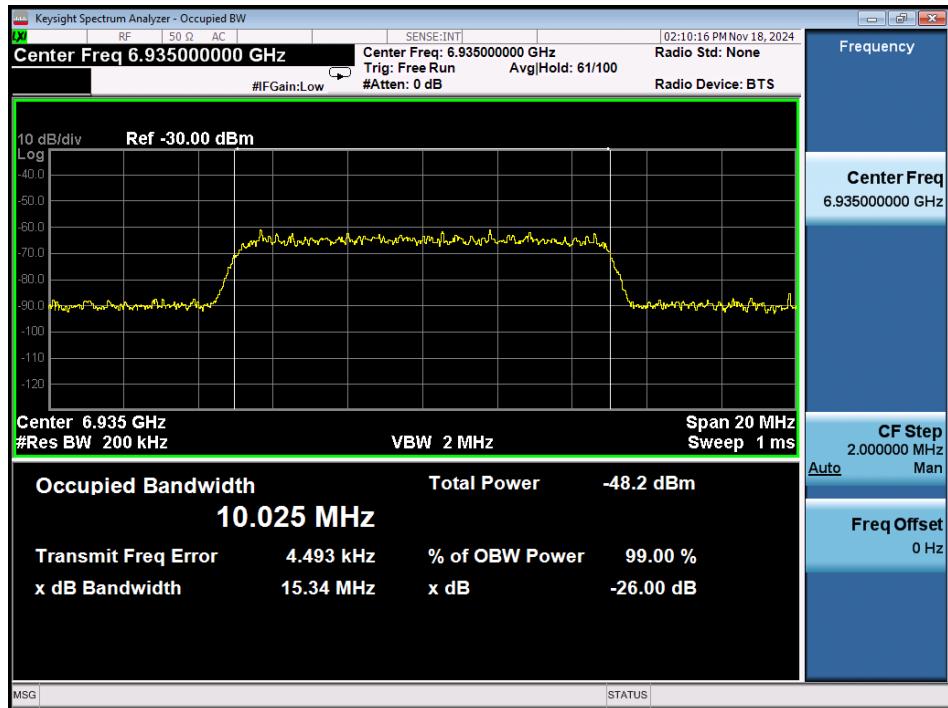


Plot 7-963. AWGN Signal – UNII 7 – 160MHz – Mid

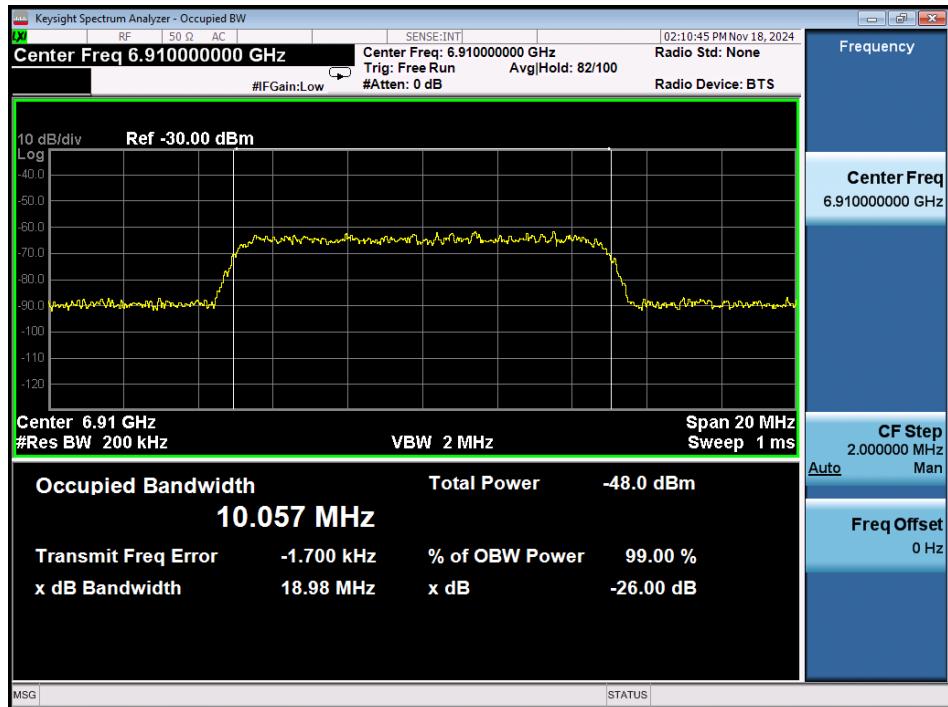


Plot 7-964. AWGN Signal – UNII 7 – 160MHz - High

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 406 of 594 |

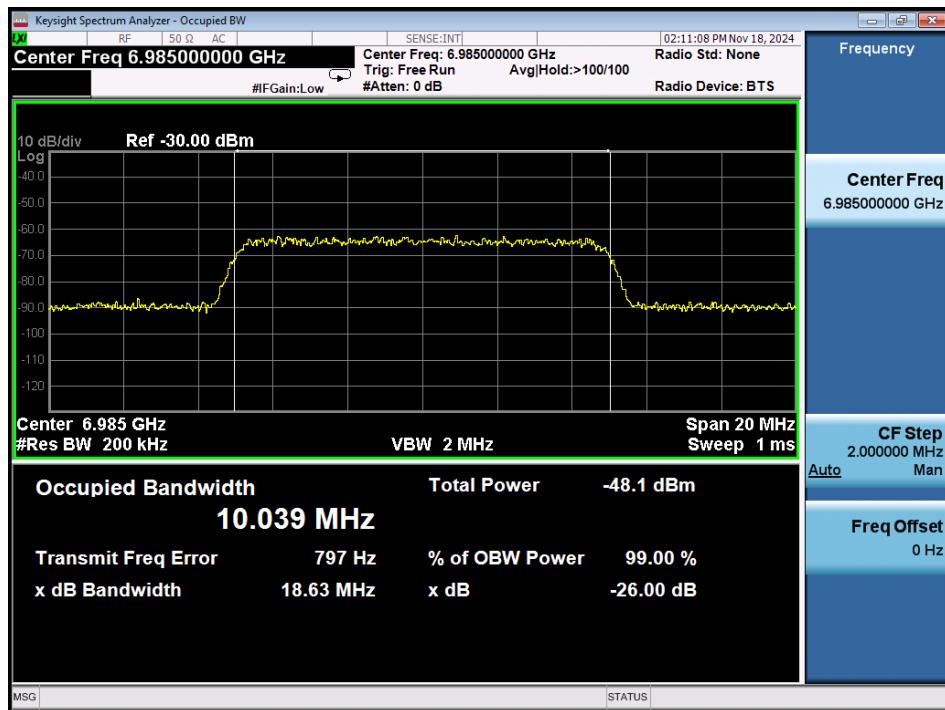


Plot 7-965. AWGN Signal – UNII 8 – 20MHz

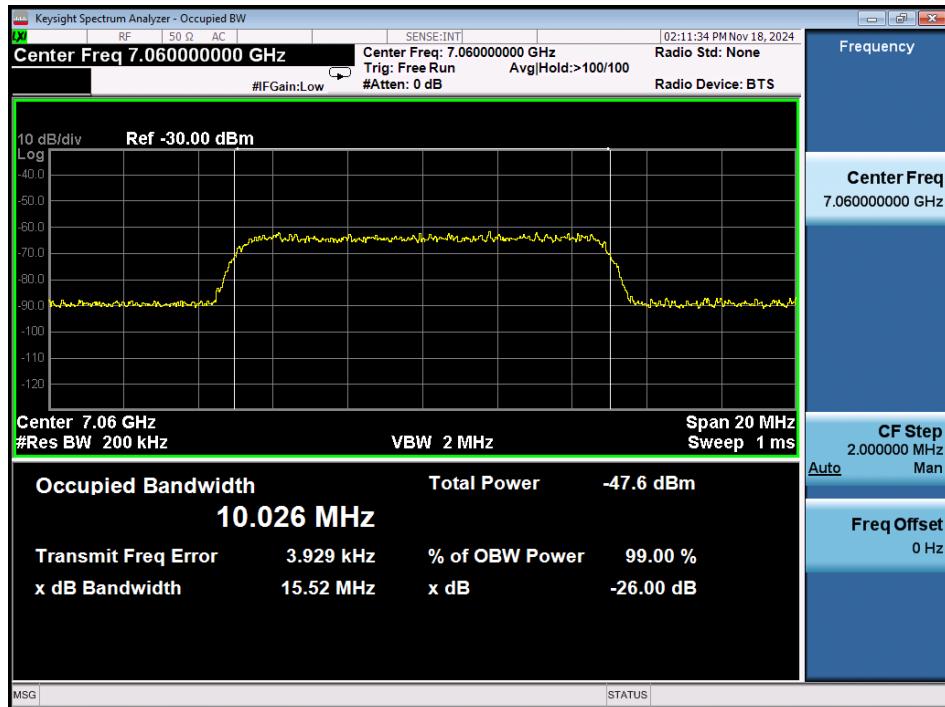


Plot 7-966. AWGN Signal – UNII 8 – 160MHz - Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 407 of 594 |



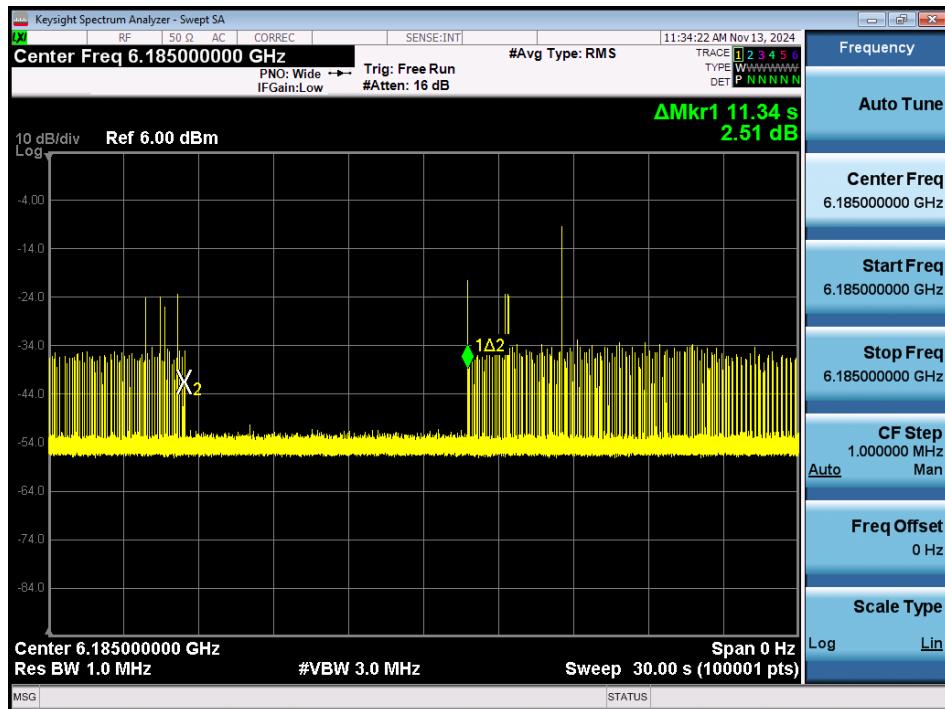
Plot 7-967. AWGN Signal – UNII 8 – 160MHz – Mid



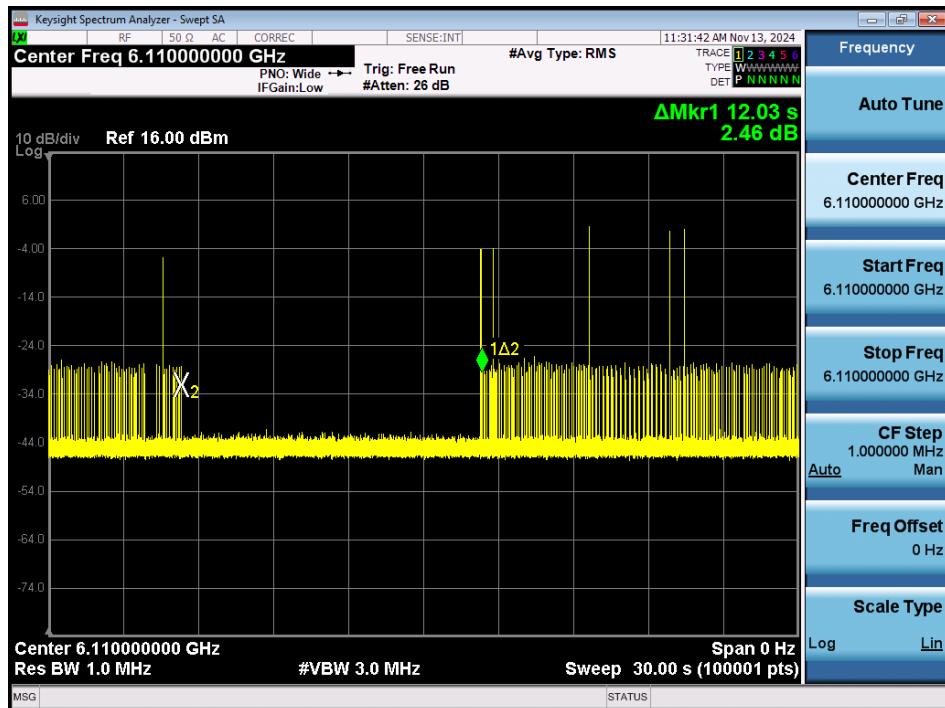
Plot 7-968. AWGN Signal – UNII 8 – 160MHz - High

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 408 of 594 |

Contention-Based Protocol Timing Plots

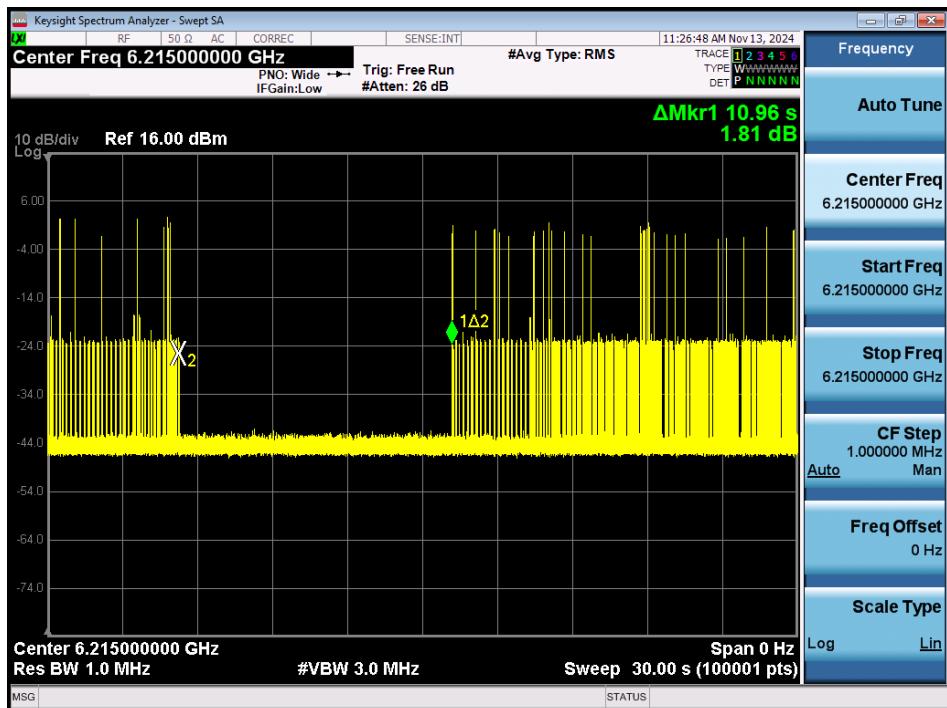


Plot 7-969. Contention Based Protocol Timing Plot – UNII 5 – 20MHz Channel 53

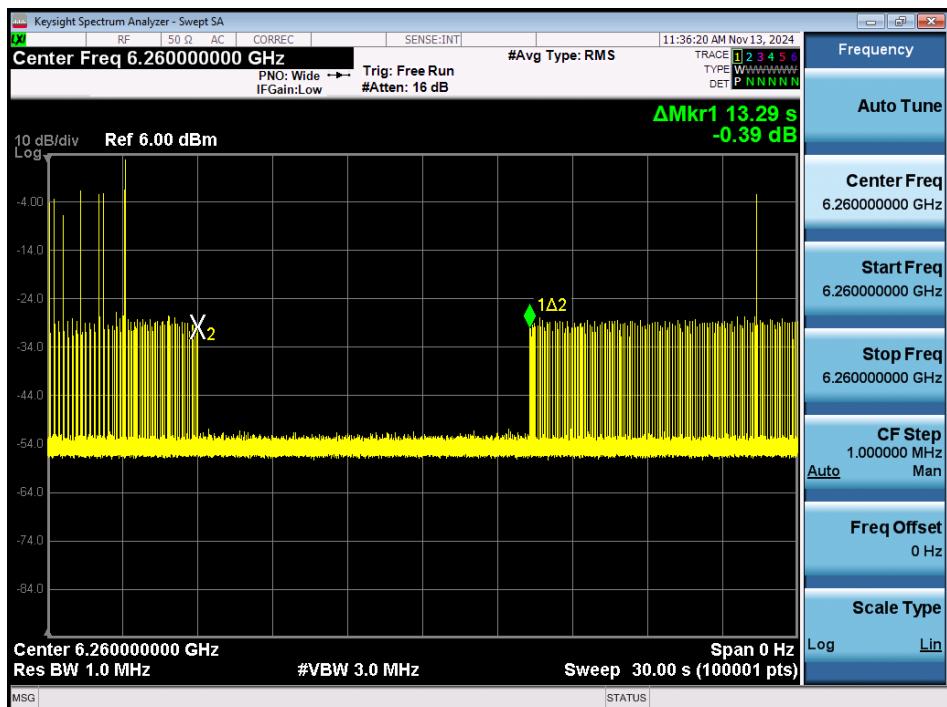


Plot 7-970. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 409 of 594 |

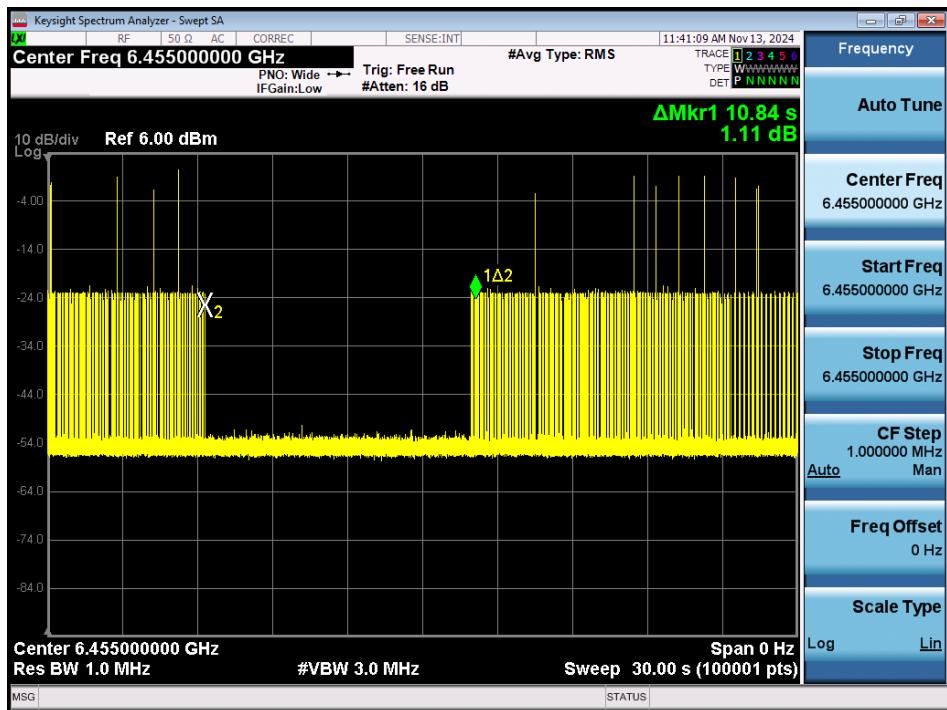


Plot 7-971. Contention Based Protocol Timing Plot –UNII 5 – 160MHz Channel 47 – Mid

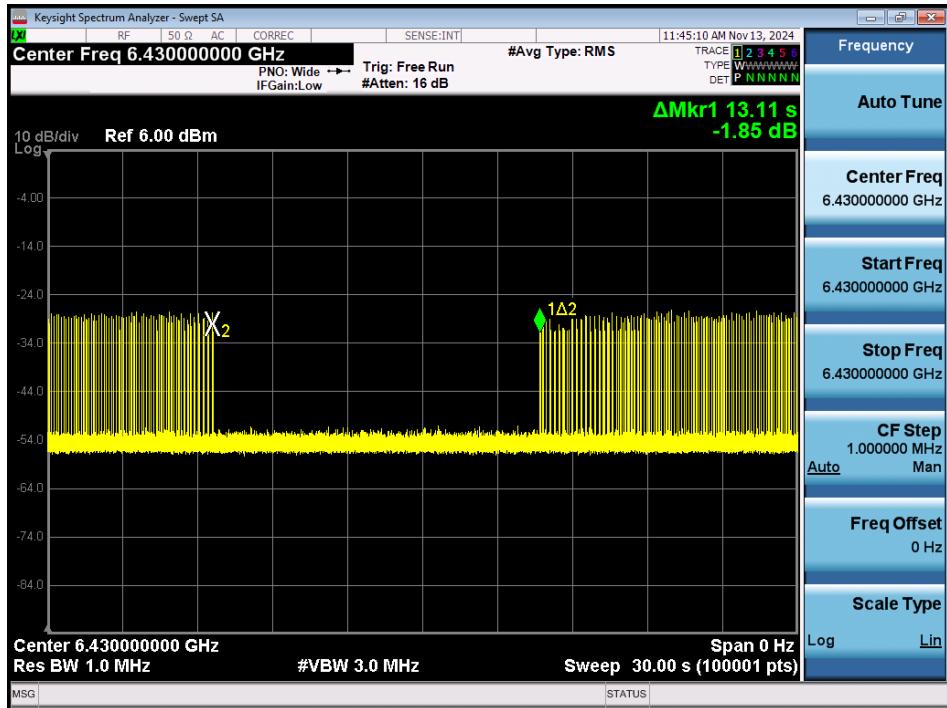


Plot 7-972. Contention Based Protocol Timing Plot – UNII 5 – 160MHz Channel 47 – High

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 410 of 594 |

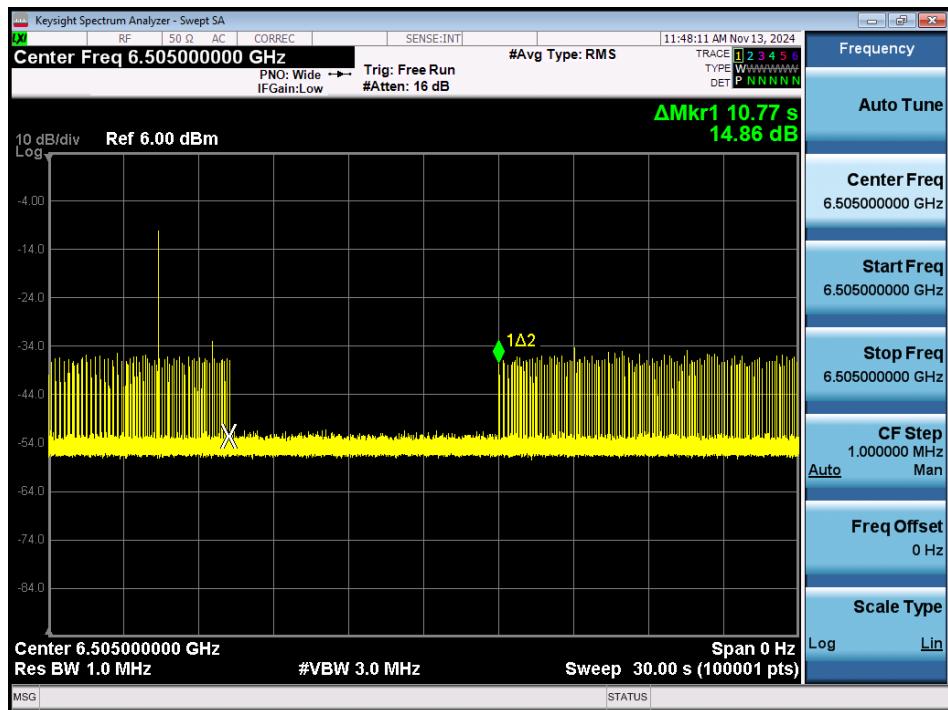


Plot 7-973. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Channel 101

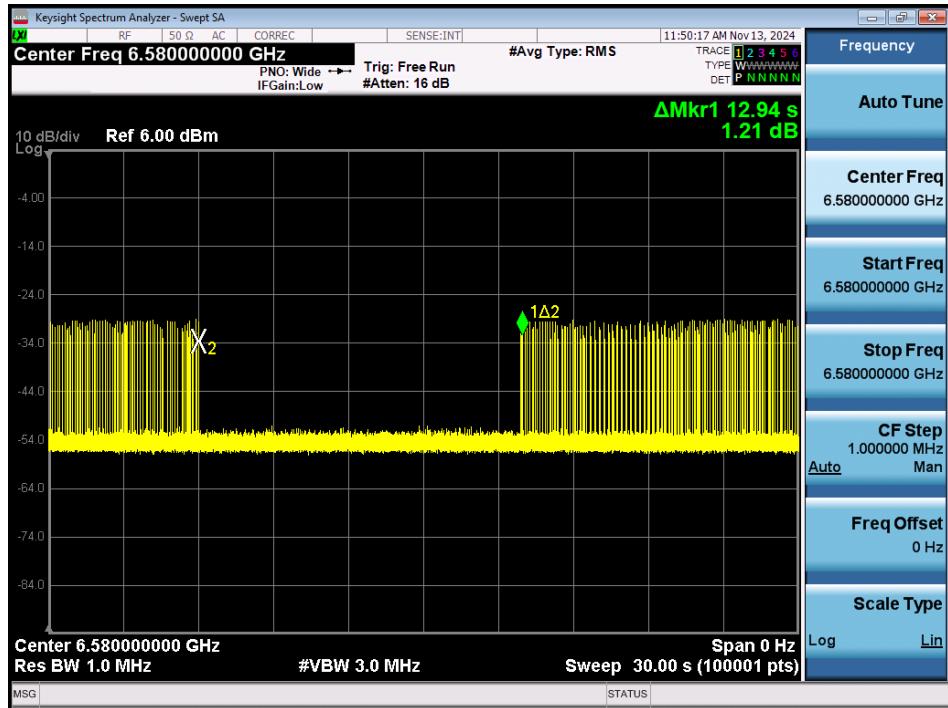


Plot 7-974. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 411 of 594 |



Plot 7-975. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – Mid

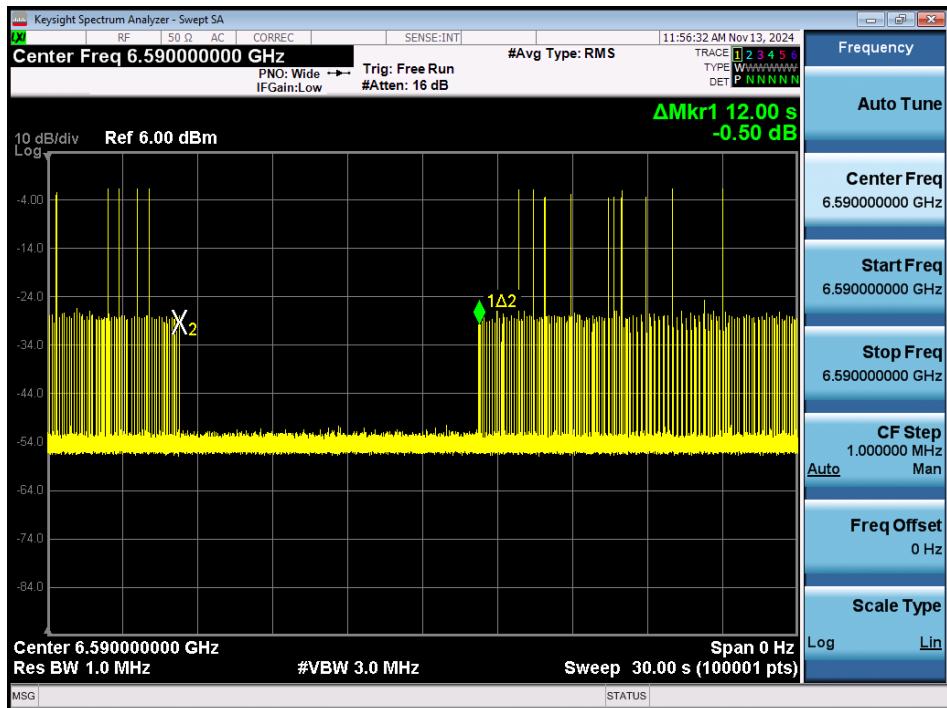


Plot 7-976. Contention Based Protocol Timing Plot – UNII 6 – 160MHz Channel 111 – High

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 412 of 594 |

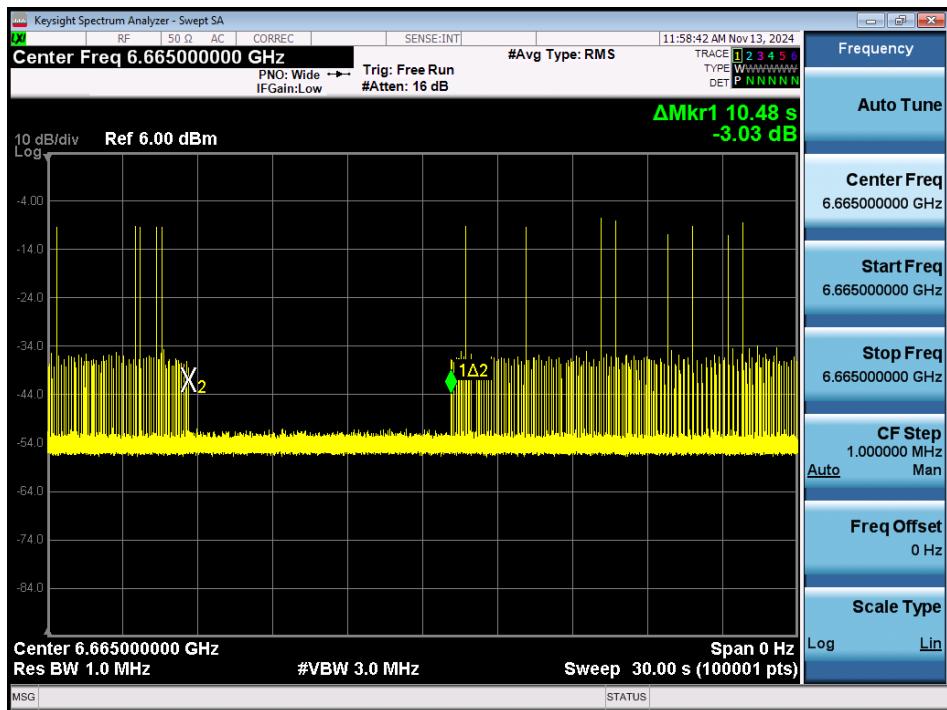


Plot 7-977. Contention Based Protocol Timing Plot – UNII 7 – 20MHz Channel 149

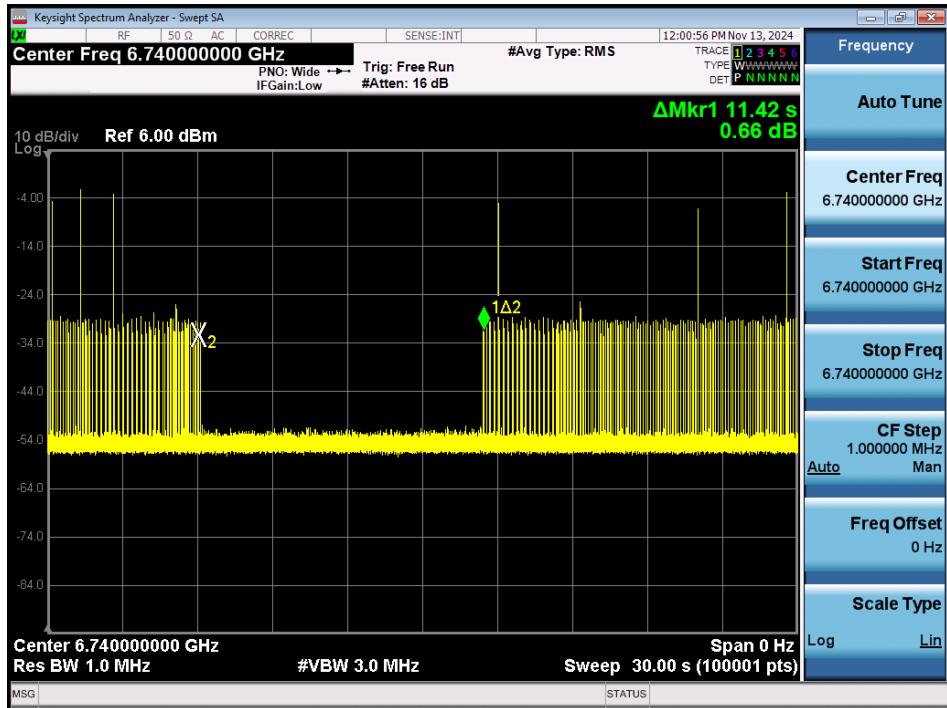


Plot 7-978. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 413 of 594 |

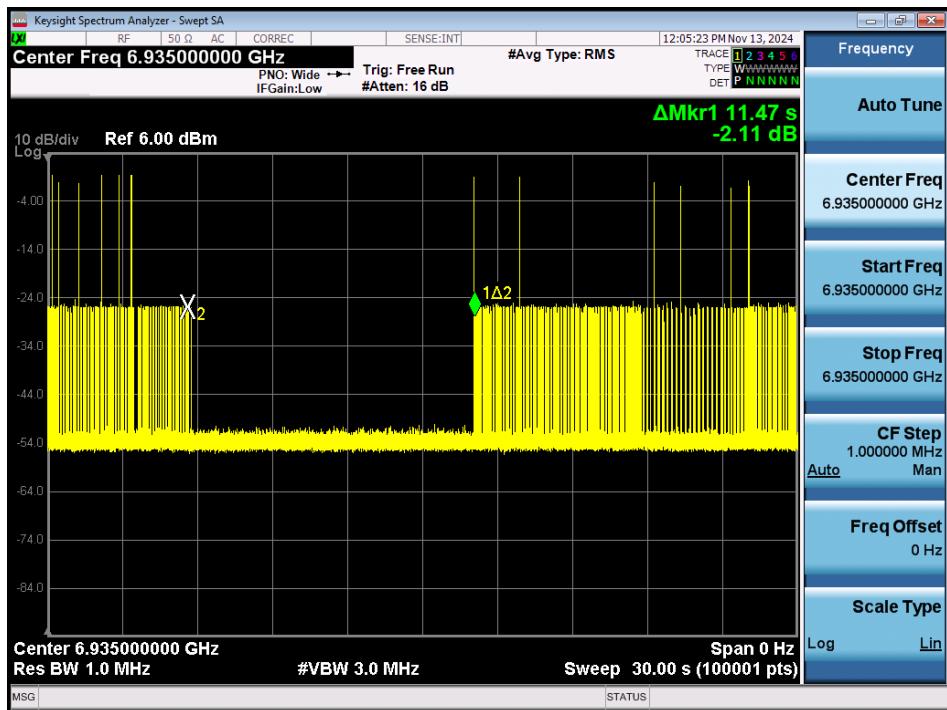


Plot 7-979. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – Mid

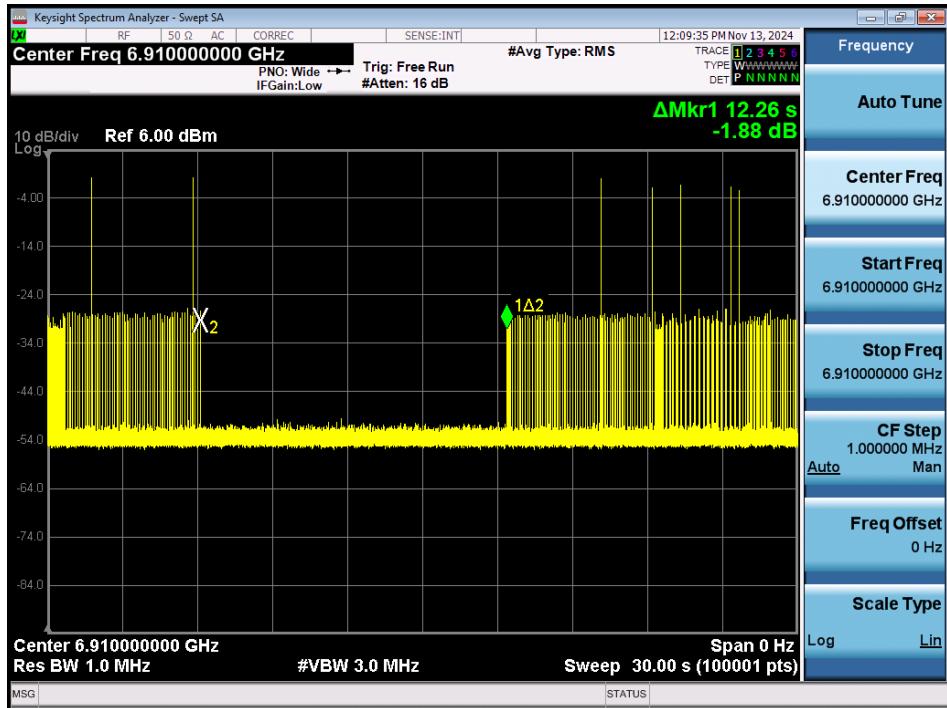


Plot 7-980. Contention Based Protocol Timing Plot – UNII 7 – 160MHz Channel 143 – High

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 414 of 594 |

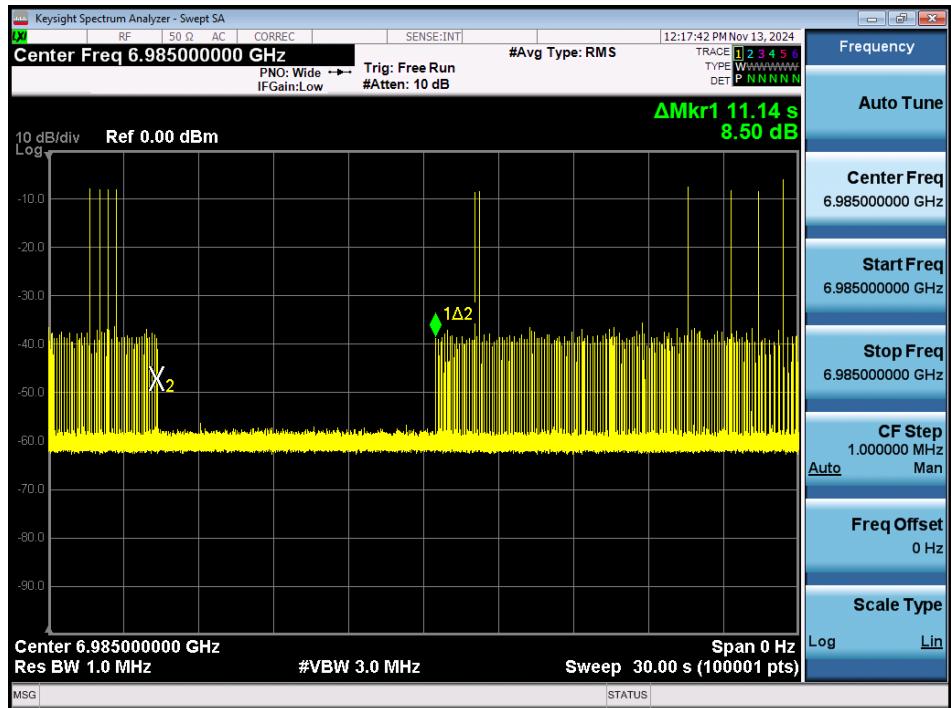


Plot 7-981. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Channel 197

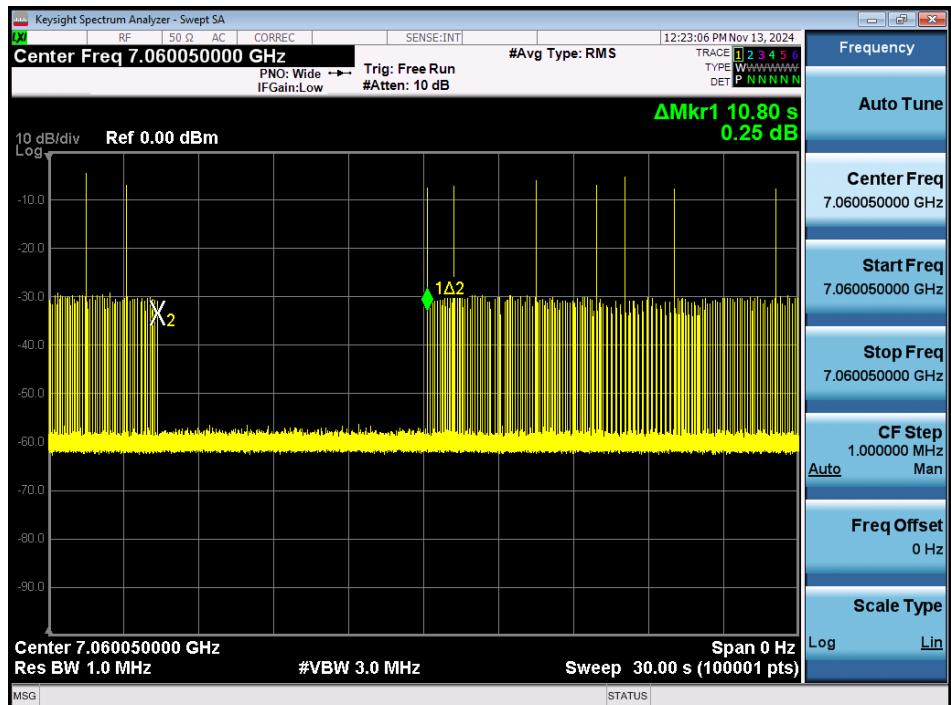


Plot 7-982. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Low

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 415 of 594 |

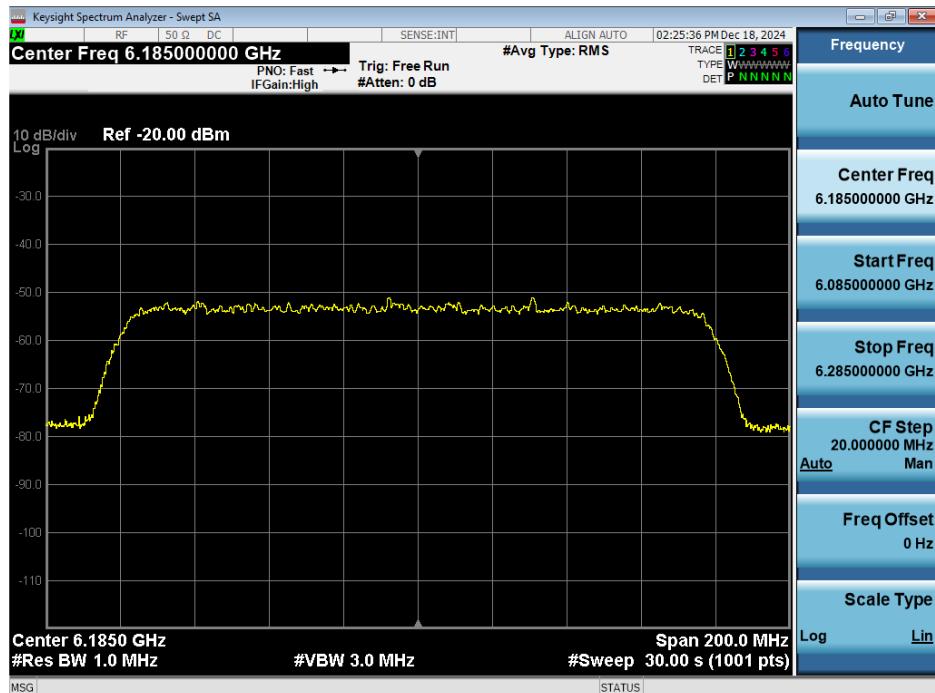
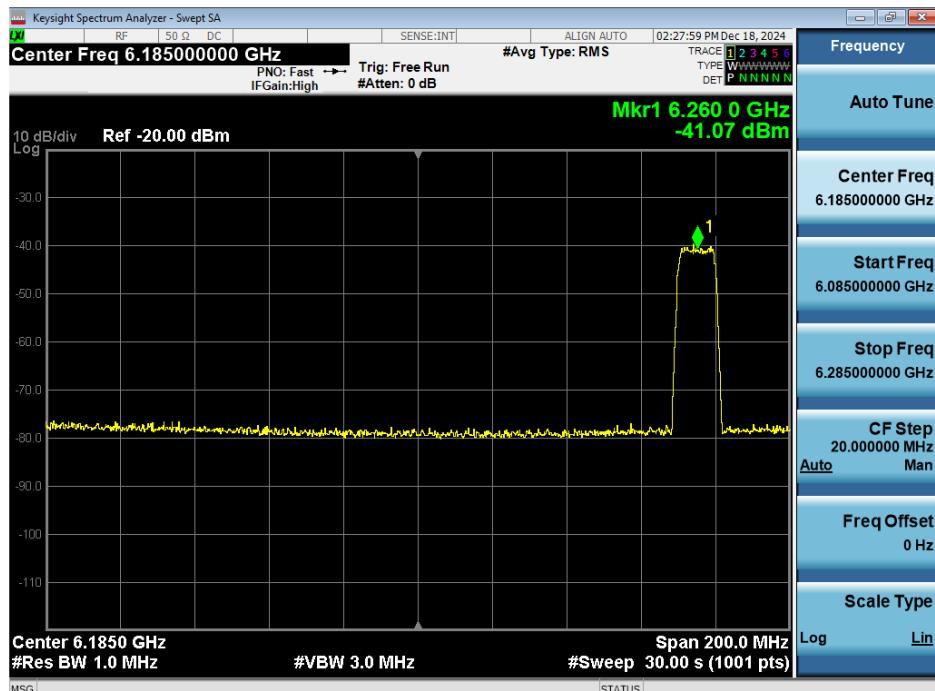


Plot 7-983. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – Mid

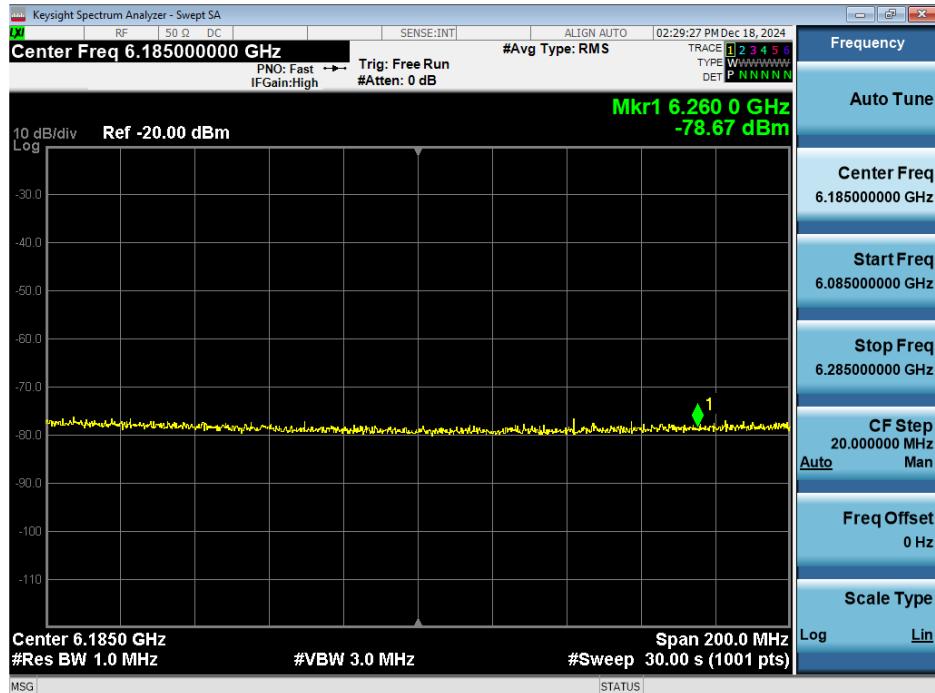


Plot 7-984. Contention Based Protocol Timing Plot – UNII 8 – 160MHz Channel 207 – High

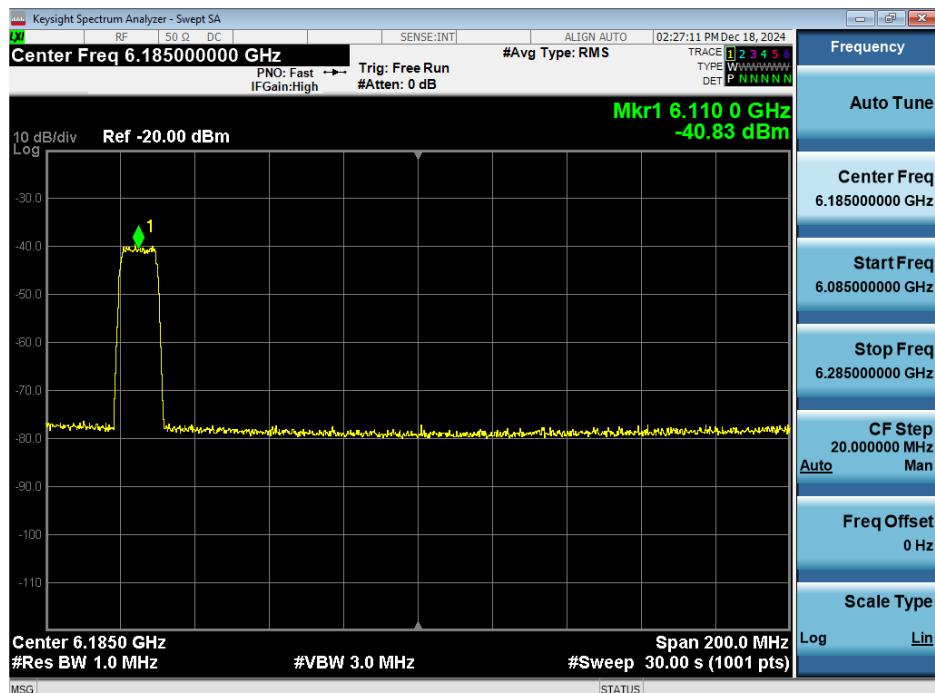
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 416 of 594 |

CBP Bandwidth Reduction Plots

Plot 7-985. 160MHz Bandwidth, Before AWGN Signal Injected – Channel 47

Plot 7-986. 160MHz Bandwidth, AWGN Signal Injected at Low End – Channel 47

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 417 of 594 |



Plot 7-987. 160MHz Bandwidth, AWGN Signal Injected at Center – Channel 47



Plot 7-988. 160MHz Bandwidth, AWGN Signal Injected at High End – Channel 47

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 418 of 594 |

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 [μ 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 $\geq 2 \times$ 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

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 419 of 594 |

Test Setup

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

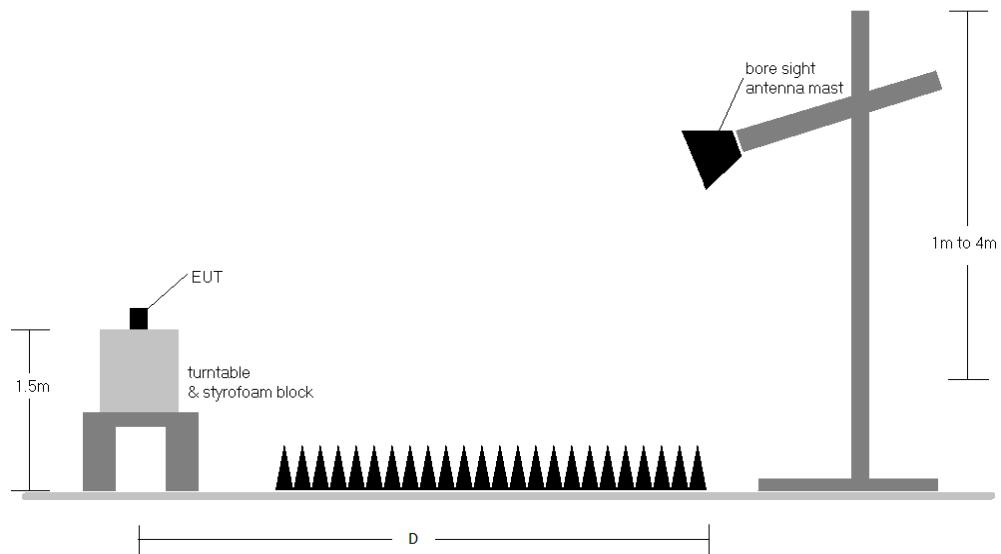


Figure 7-5. Test Instrument & Measurement Setup

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 420 of 594 |

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 and antenna configurations 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]

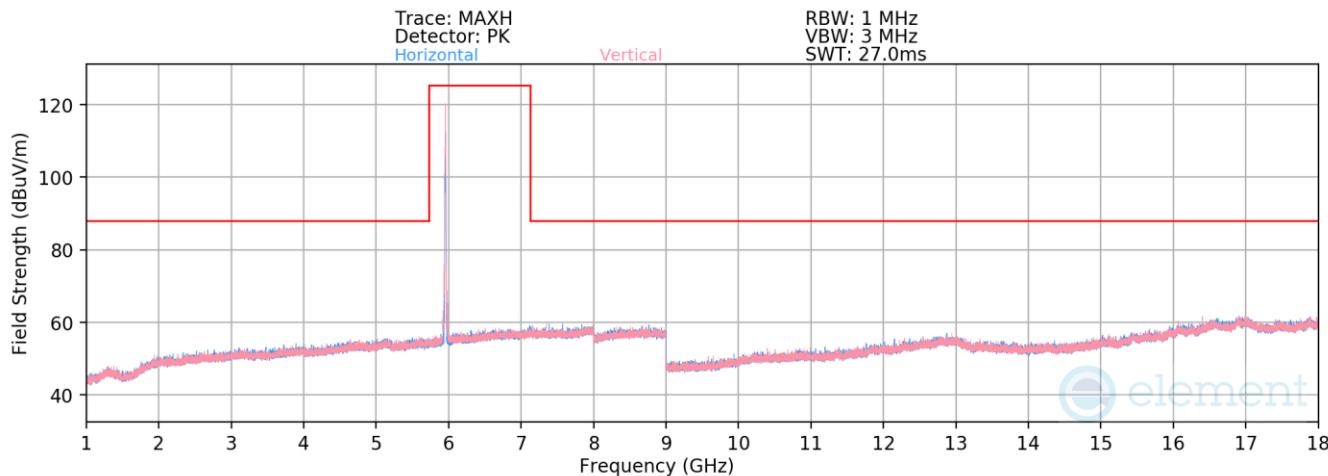
Radiated Band Edge Measurement Offset

- 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

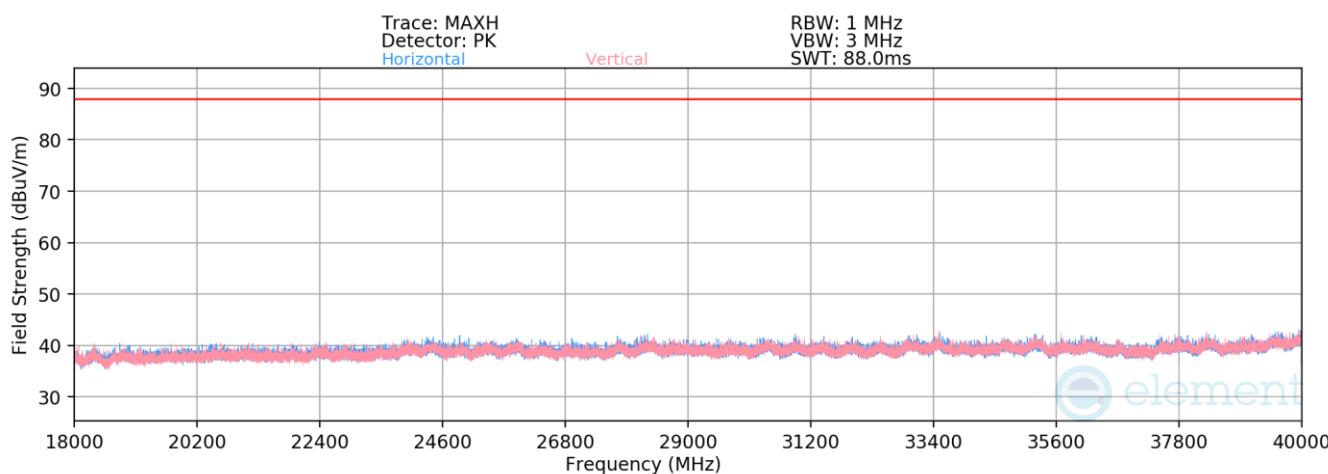
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 421 of 594 |

7.7.1 SDM Primary Radiated Spurious Emission

RU26



Plot 7-989. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 1 – RU26)



Plot 7-990. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 1 – RU26)

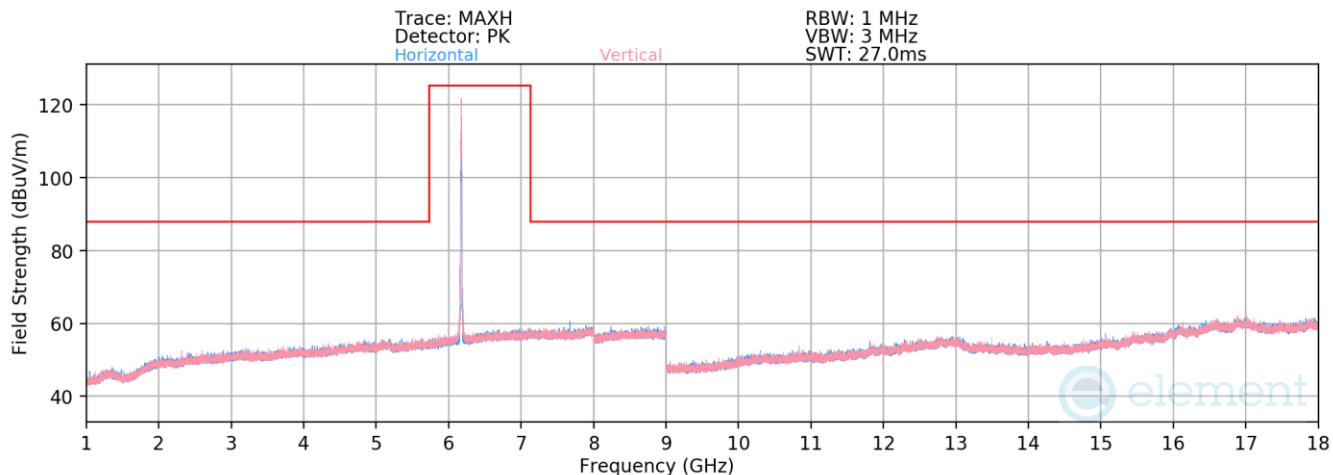
| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 422 of 594 |

| | |
|---------------------------|----------|
| Mode: | 802.11ax |
| 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 11910.00 | Average | H | - | - | -85.26 | 20.40 | 42.14 | 53.98 | -11.84 |
| * 11910.00 | Peak | H | - | - | -73.69 | 20.40 | 53.71 | 73.98 | -20.27 |
| * 17865.00 | Average | H | - | - | -85.66 | 25.25 | 46.59 | 53.98 | -7.39 |
| * 17865.00 | Peak | H | - | - | -74.31 | 25.25 | 57.94 | 73.98 | -16.04 |

Table 7-204. Radiated Spurious Emission Measurements SDM – RU26

| | | | | |
|---|---|----------------------------|-----------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 423 of 594 | |



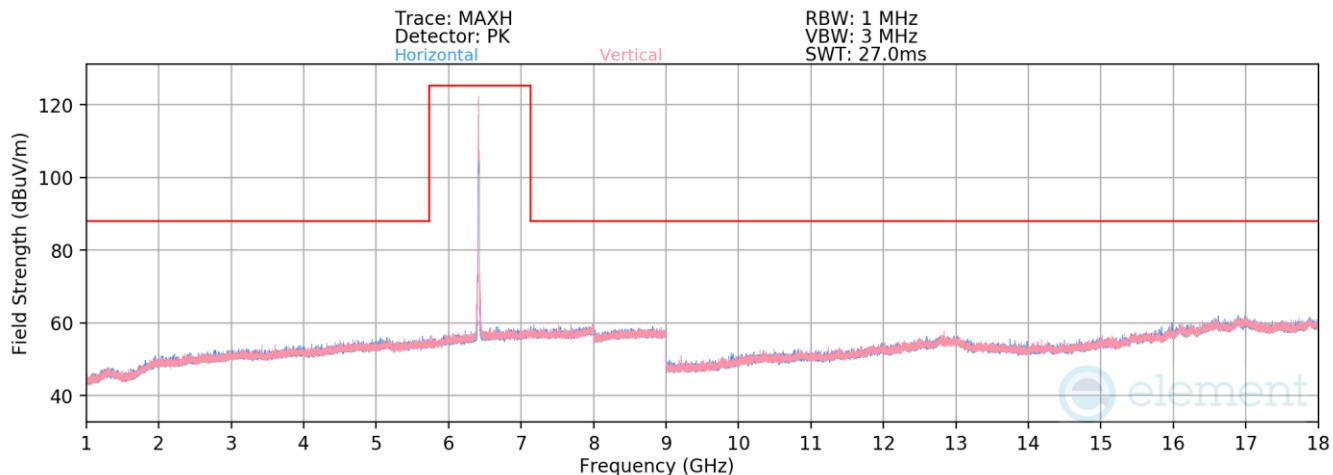
Plot 7-991. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 45 – RU26)

Mode: 802.11ax
 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 [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| * 12350.00 | Average | V | - | - | -85.24 | 20.94 | 42.71 | 53.98 | -11.27 |
| * 12350.00 | Peak | V | - | - | -74.43 | 21.21 | 53.78 | 73.98 | -20.20 |

Table 7-205. Radiated Spurious Emission Measurements SDM – RU26

| | | | | | |
|---|---|---------------------------------------|--|--|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | | | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | | | |



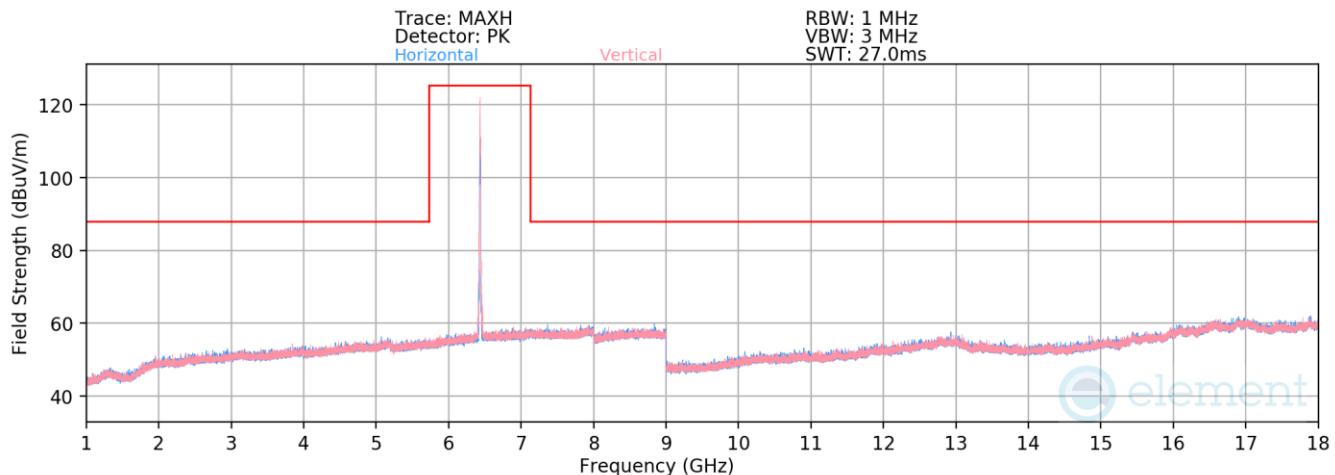
Plot 7-992. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 93 – RU26)

Mode: 802.11ax
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 6415MHz
 Channel: 93

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 12830.00 | Average | H | - | - | -85.53 | 22.27 | 43.74 | 68.23 | -24.49 |
| 12830.00 | Peak | H | - | - | -74.20 | 22.27 | 55.08 | 88.23 | -33.15 |

Table 7-206. Radiated Spurious Emission Measurements SDM – RU26

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 425 of 594 |



Plot 7-993. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 97 – RU26)

Mode: 802.11ax
 Data Rate: MCS0
 Distance of Measurements: 3 Meters
 Operating Frequency: 6435MHz
 Channel: 97

| Frequency [MHz] | Detector | Ant. Pol. | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dB μ V/m] | Limit [dB μ V/m] | Margin [dB] |
|-----------------|----------|-----------|---------------------|----------------------------|----------------------|-------------|-------------------------------|----------------------|-------------|
| 12870.00 | Average | V | - | - | -84.97 | 21.65 | 43.68 | 68.23 | -24.55 |
| 12870.00 | Peak | V | - | - | -73.11 | 21.66 | 55.55 | 88.23 | -32.68 |

Table 7-207. Radiated Spurious Emission Measurements SDM – RU26

| | | | |
|---|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3267 IC: 579C-A3267 |  element | MEASUREMENT REPORT (CERTIFICATION) | Approved by: Technical Manager |
| Test Report S/N: 1C2410210073-24.BCG | Test Dates: 10/25/2024 - 12/31/2024 | EUT Type: Tablet Device | Page 426 of 594 |