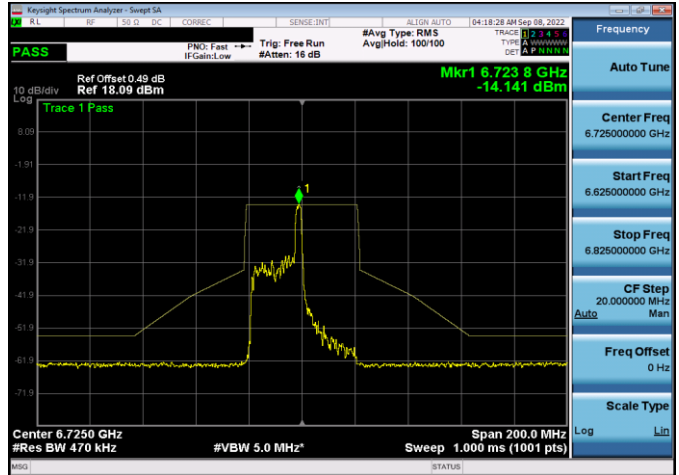
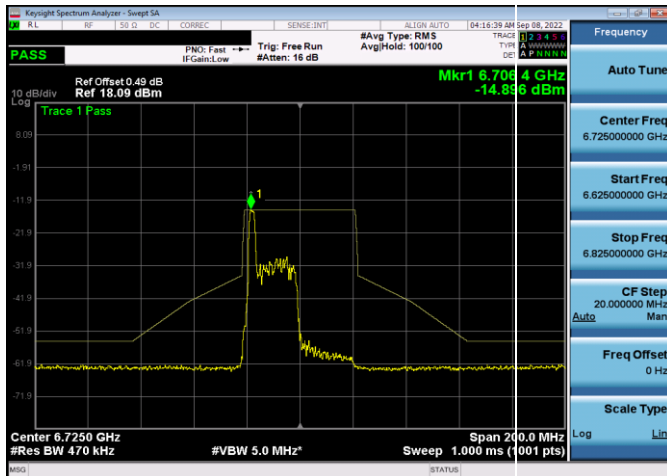


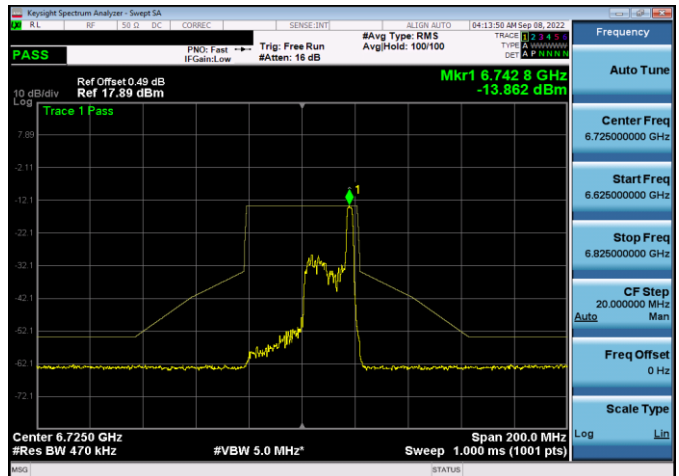
Plot 7-585. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



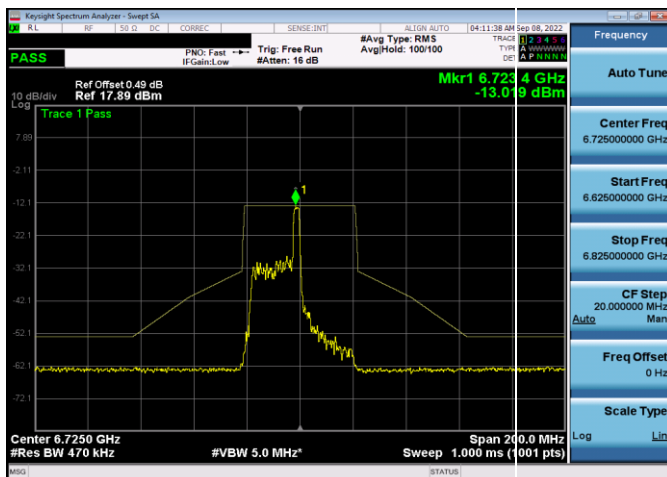
Plot 7-588. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



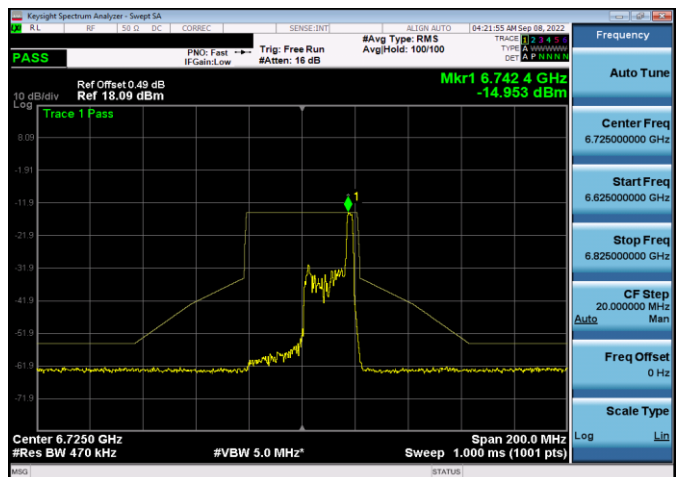
Plot 7-586. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)



Plot 7-589. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

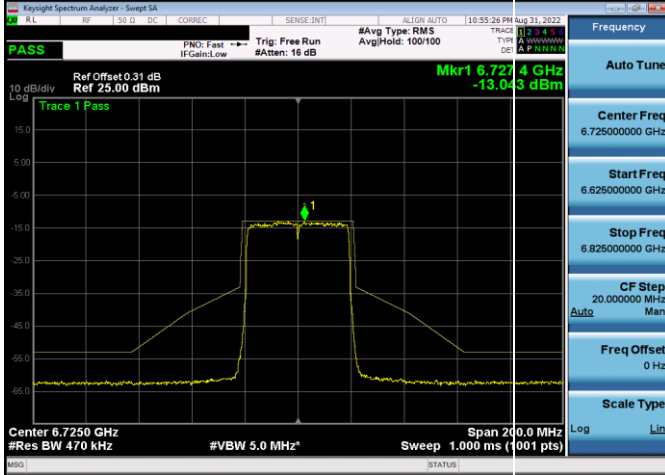


Plot 7-587. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

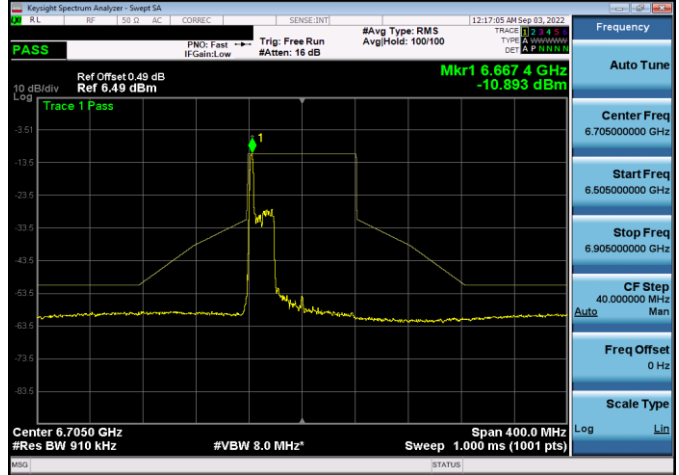


Plot 7-590. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU26 (UNII Band 7) – Ch. 155)

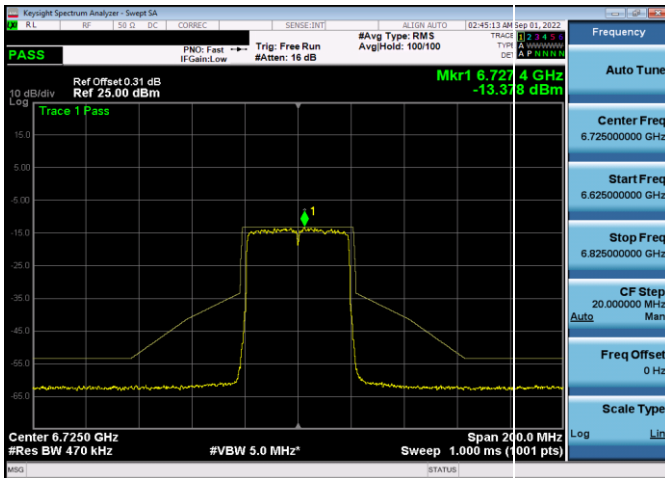
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|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 151 of 323                   |



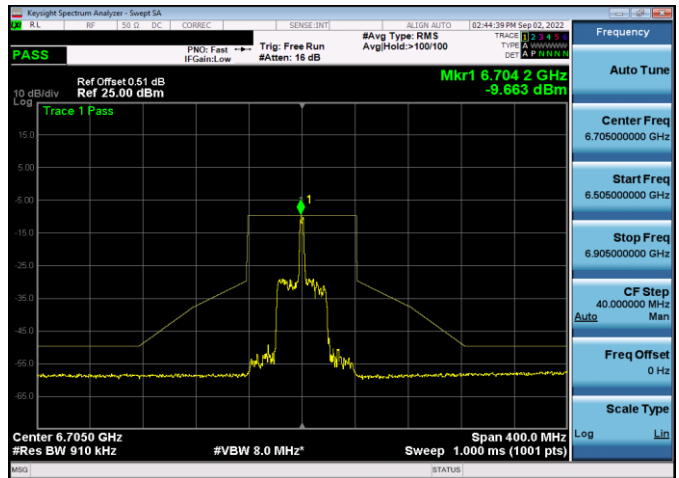
Plot 7-591. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



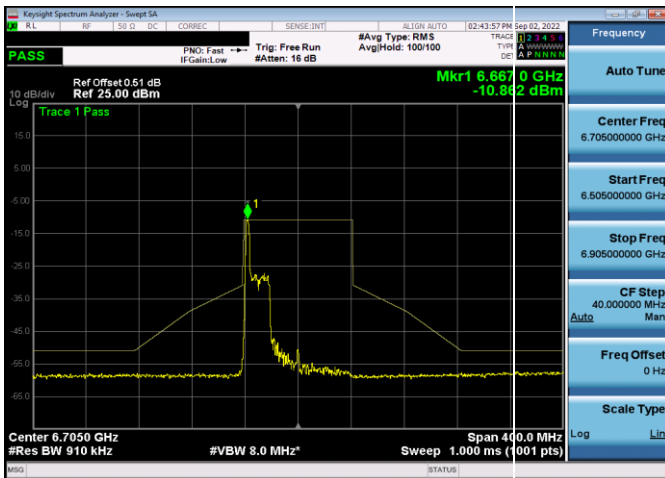
Plot 7-594. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



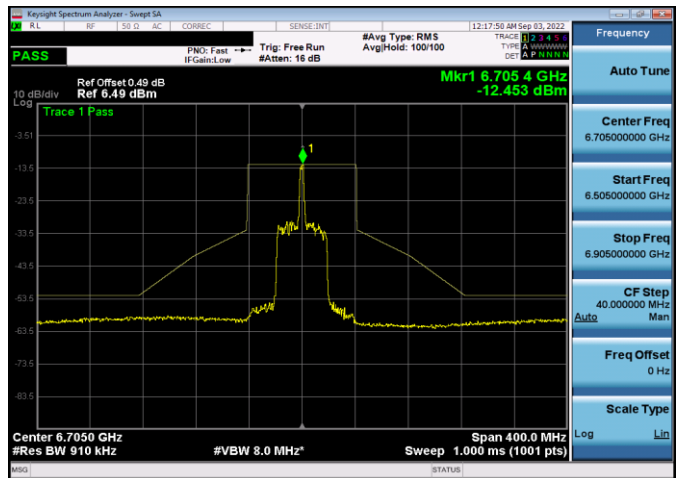
Plot 7-592. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU484 (UNII Band 7) – Ch. 155)



Plot 7-595. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

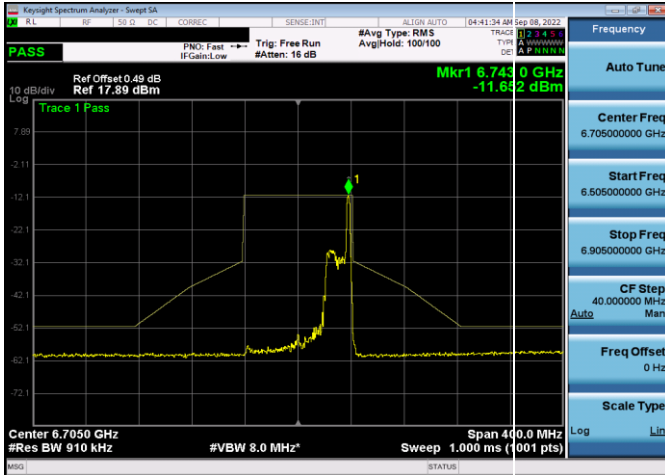


Plot 7-593. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

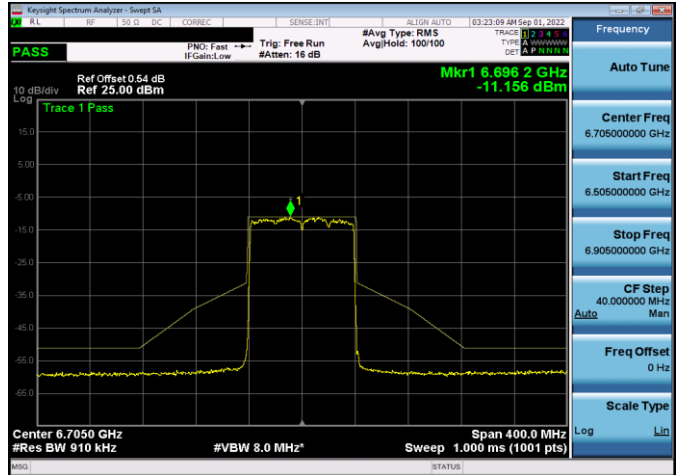


Plot 7-596. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)

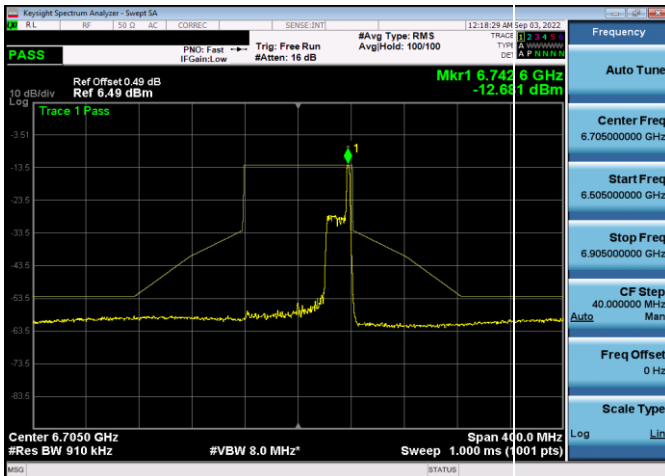
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 152 of 323                   |



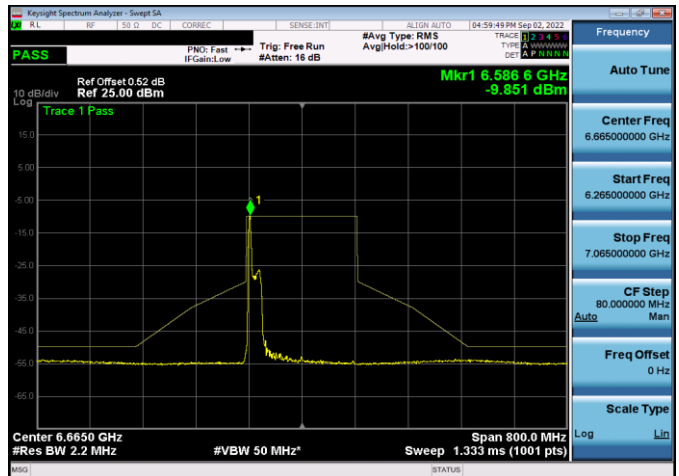
Plot 7-597. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



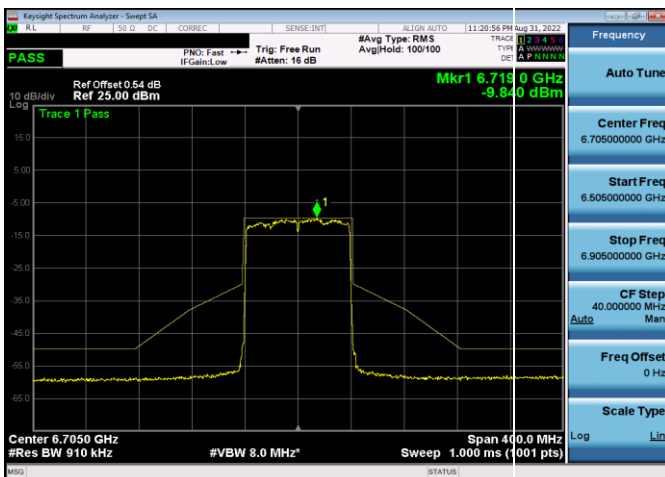
Plot 7-600. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)



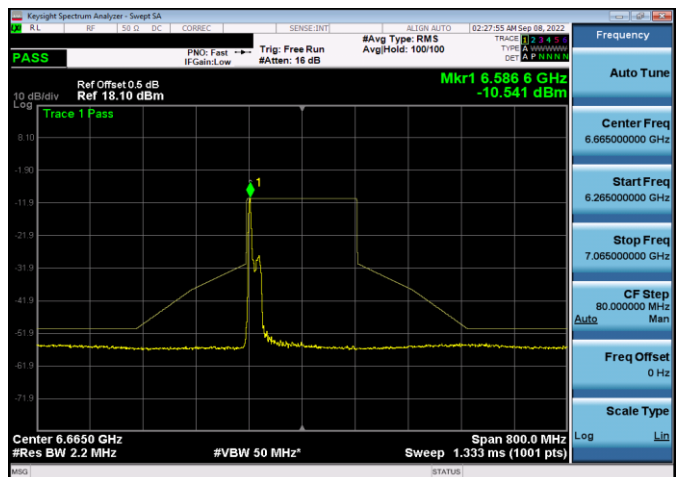
Plot 7-598. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU26 (UNII Band 7) – Ch. 151)



Plot 7-601. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

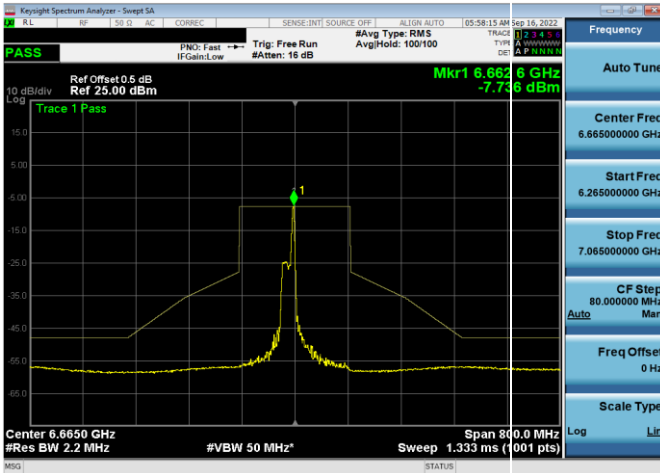


Plot 7-599. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU996 (UNII Band 7) – Ch. 151)

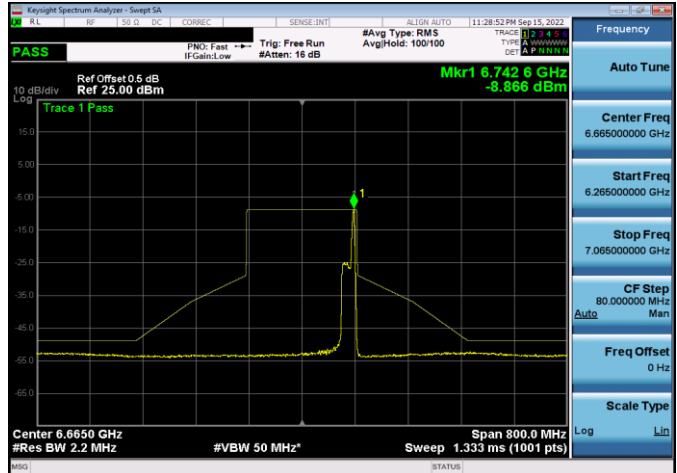


Plot 7-602. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

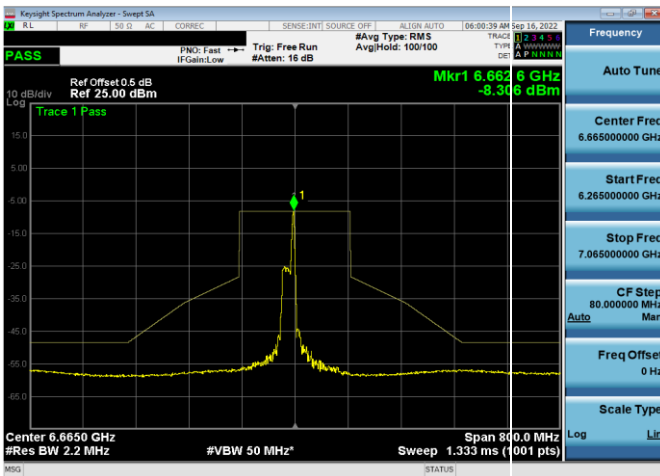
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 153 of 323                   |



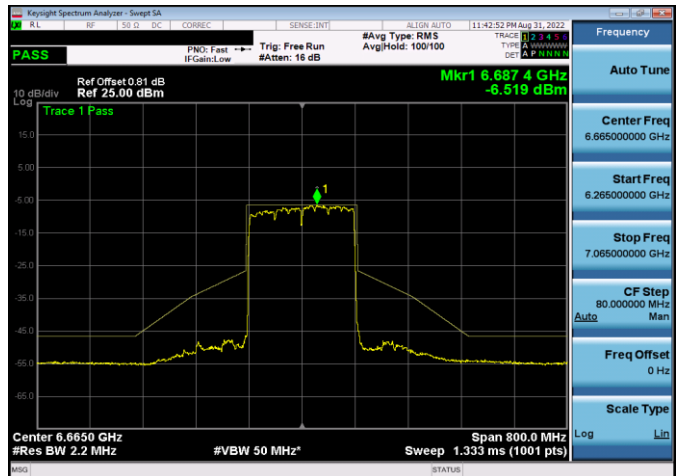
Plot 7-603. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



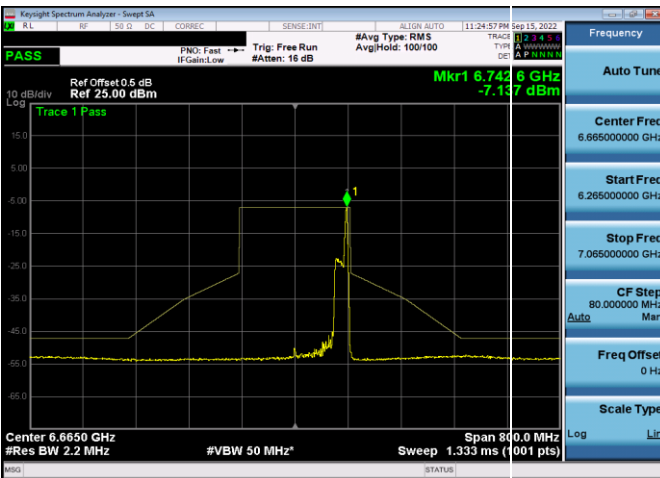
Plot 7-606. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



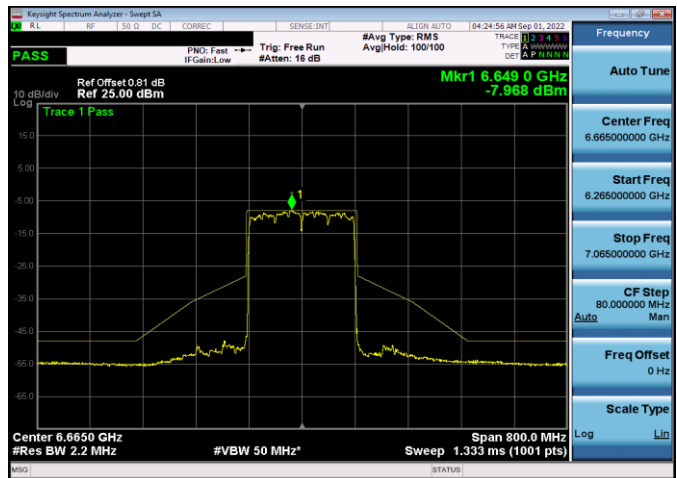
Plot 7-604. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)



Plot 7-607. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU484 (UNII Band 7) – Ch. 143)

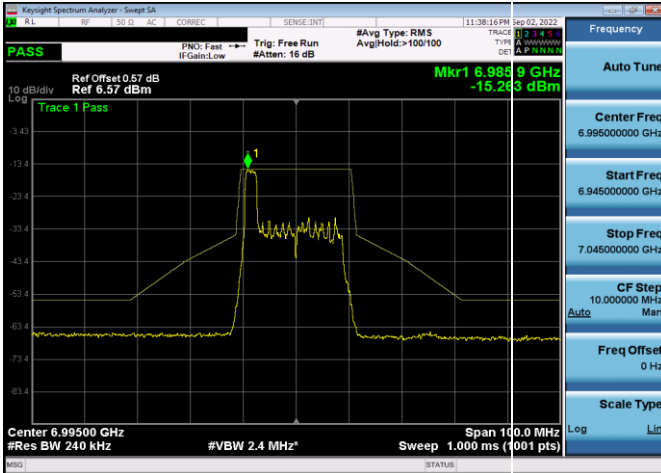


Plot 7-605. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU26 (UNII Band 7) – Ch. 143)

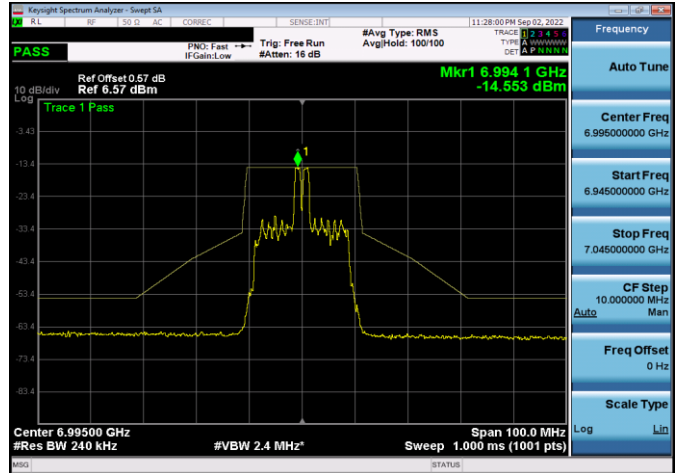


Plot 7-608. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU484 (UNII Band 7) – Ch. 143)

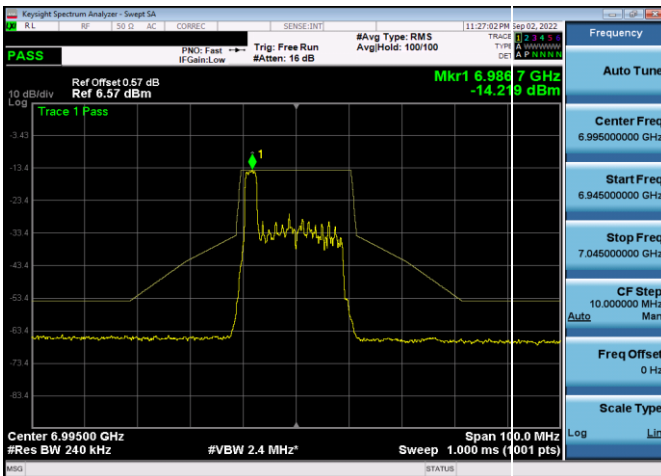
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 154 of 323                   |



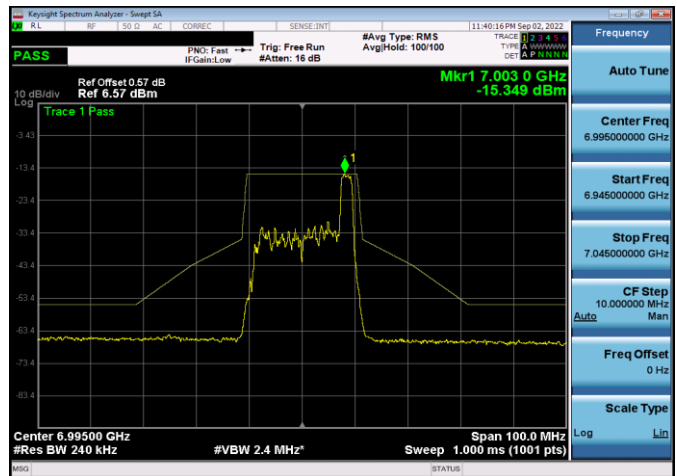
Plot 7-609. In-Band Emission Plot SDM Antenna 5b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



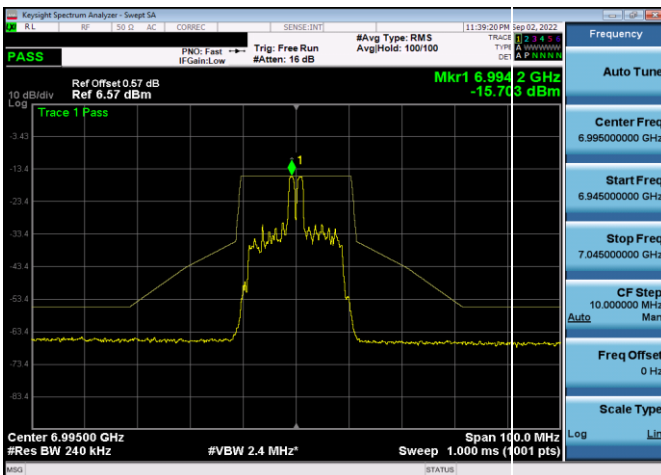
Plot 7-612. In-Band Emission Plot SDM Antenna 4a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



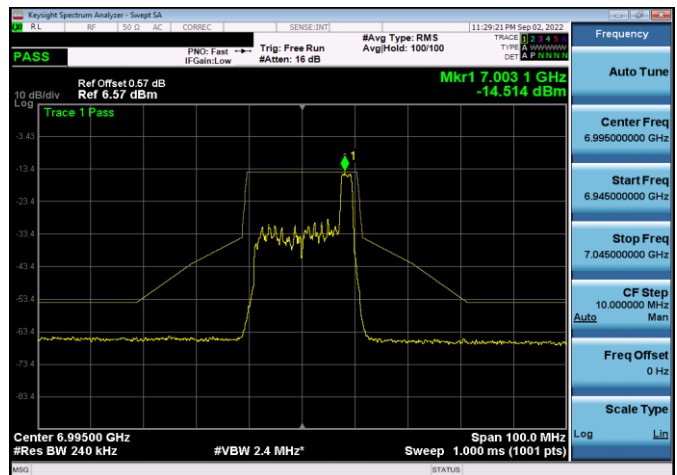
Plot 7-610. In-Band Emission Plot SDM Antenna 4a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)



Plot 7-613. In-Band Emission Plot SDM Antenna 5b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

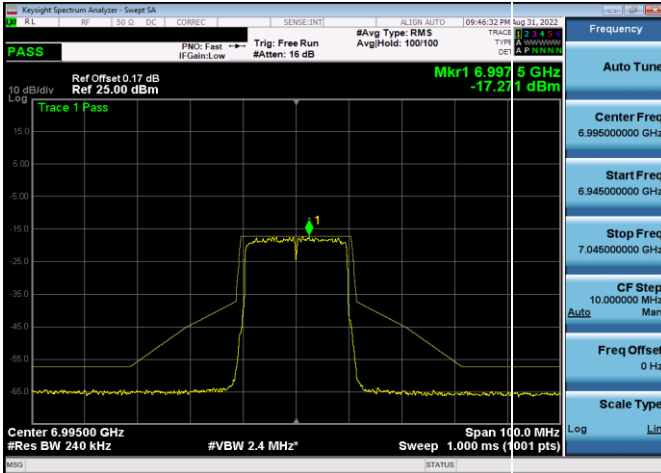


Plot 7-611. In-Band Emission Plot SDM Antenna 5b (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

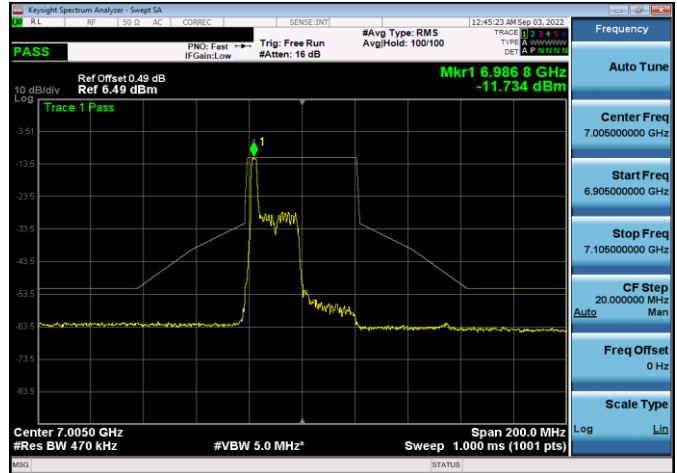


Plot 7-614. In-Band Emission Plot SDM Antenna 4a (20MHz 802.11ax RU26 (UNII Band 8) – Ch. 209)

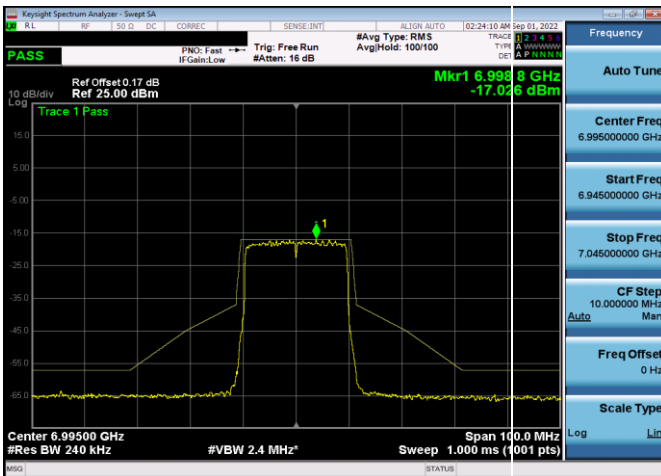
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 155 of 323                   |



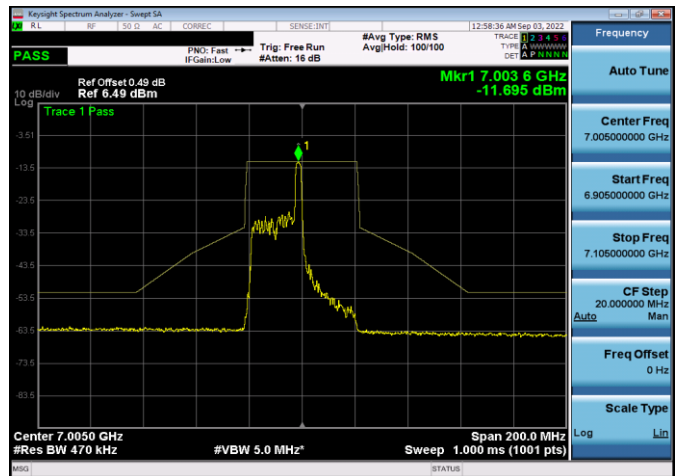
Plot 7-615. In-Band Emission Plot SDM Antenna 5b (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



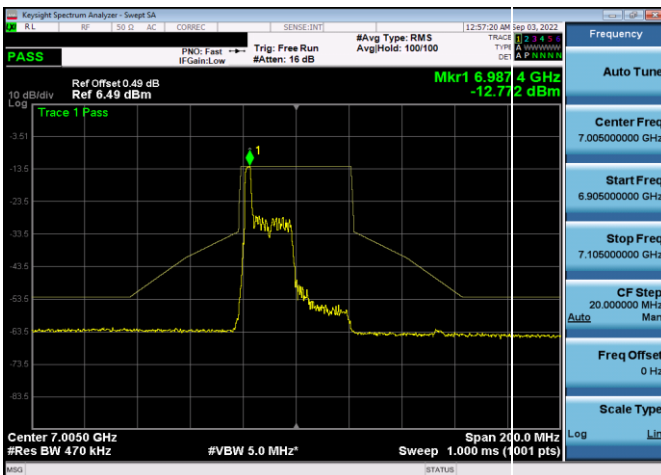
Plot 7-618. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



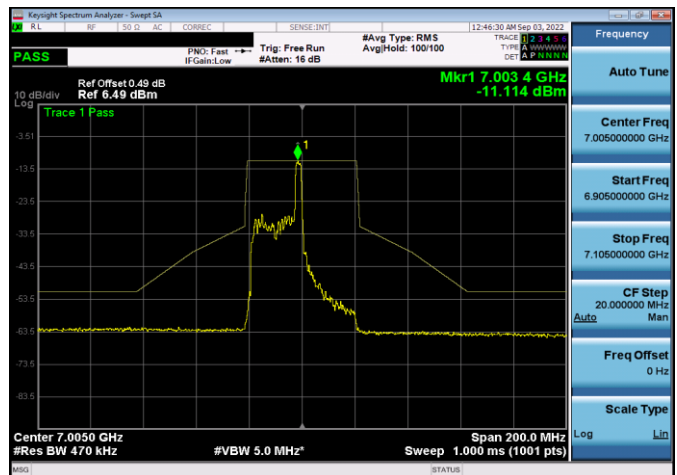
Plot 7-616. In-Band Emission Plot SDM Antenna 4a (20MHz 802.11ax RU242 (UNII Band 8) – Ch. 209)



Plot 7-619. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

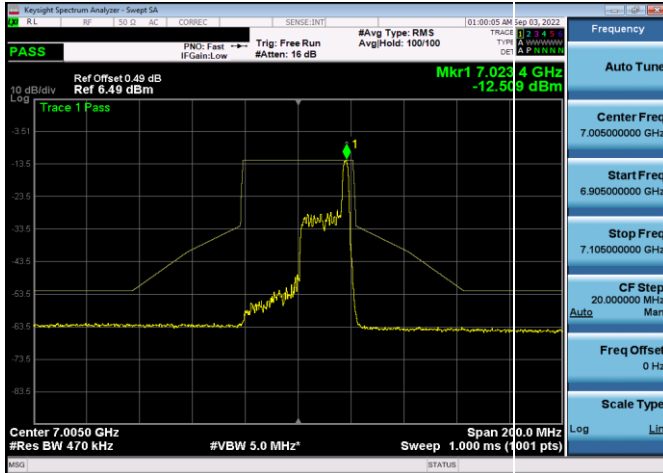


Plot 7-617. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

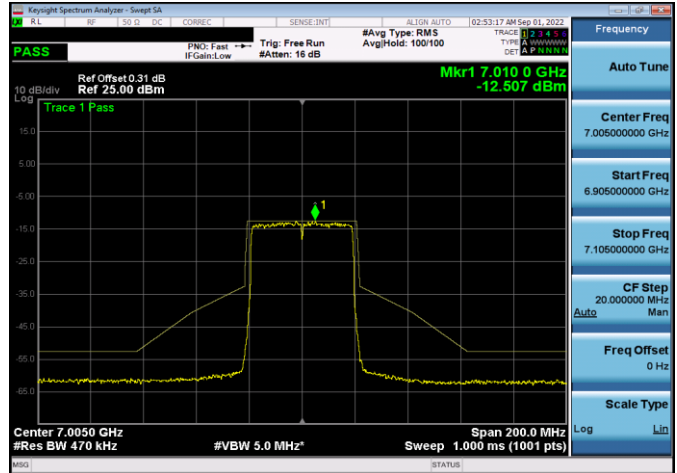


Plot 7-620. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)

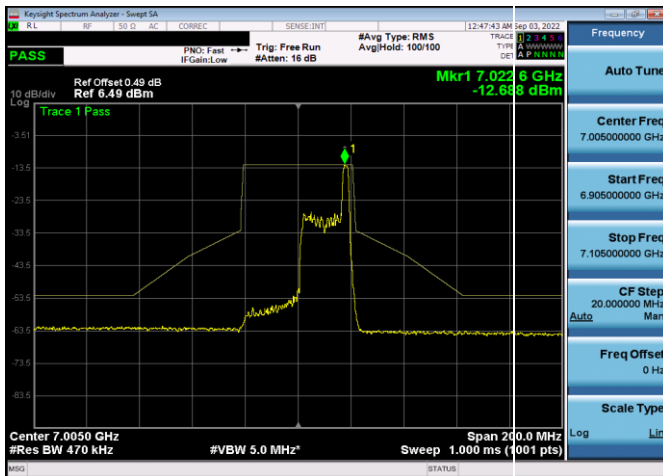
|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 156 of 323                   |



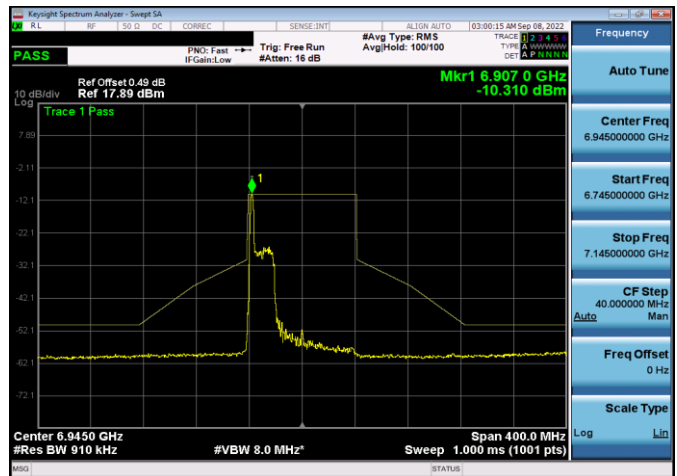
Plot 7-621. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



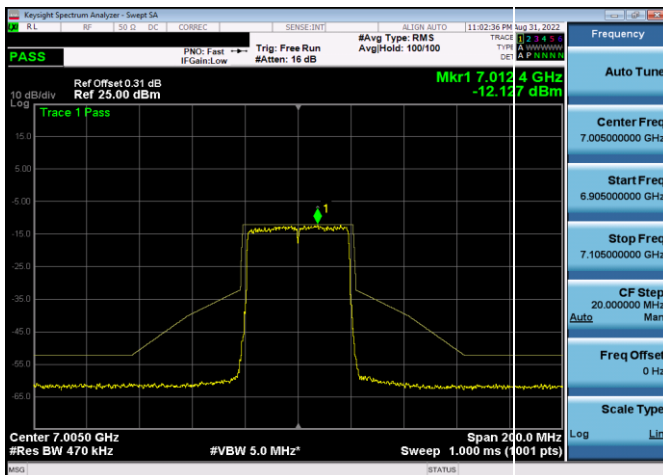
Plot 7-624. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)



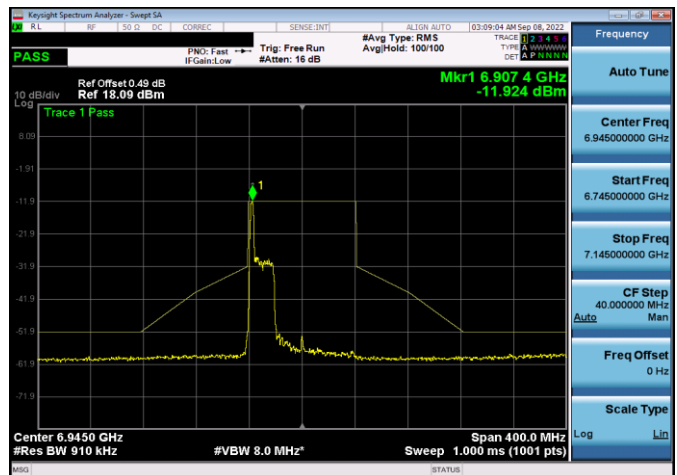
Plot 7-622. In-Band Emission Plot SDM Antenna 4a (40MHz 802.11ax RU26 (UNII Band 8) – Ch. 211)



Plot 7-625. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

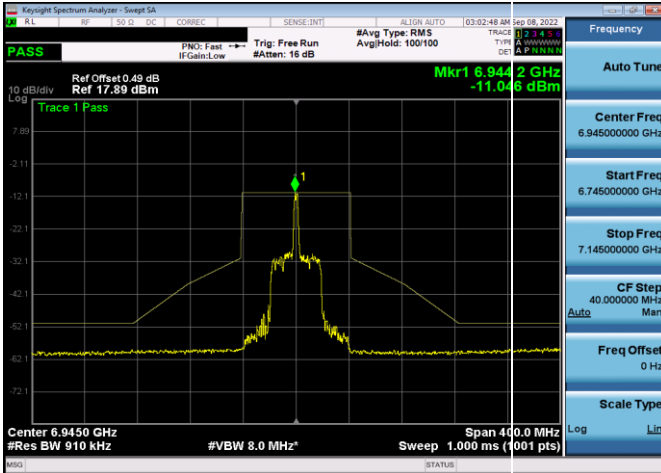


Plot 7-623. In-Band Emission Plot SDM Antenna 5b (40MHz 802.11ax RU484 (UNII Band 8) – Ch. 211)

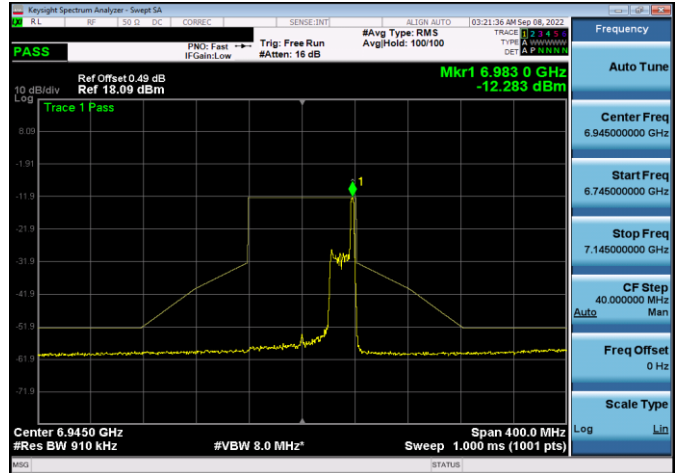


Plot 7-626. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)

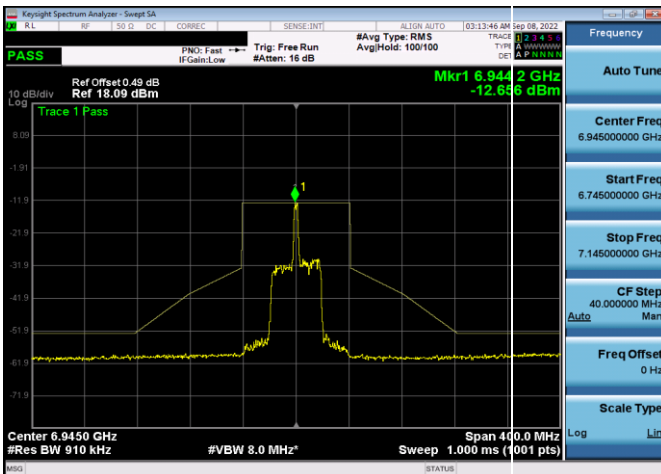
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|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 157 of 323                   |



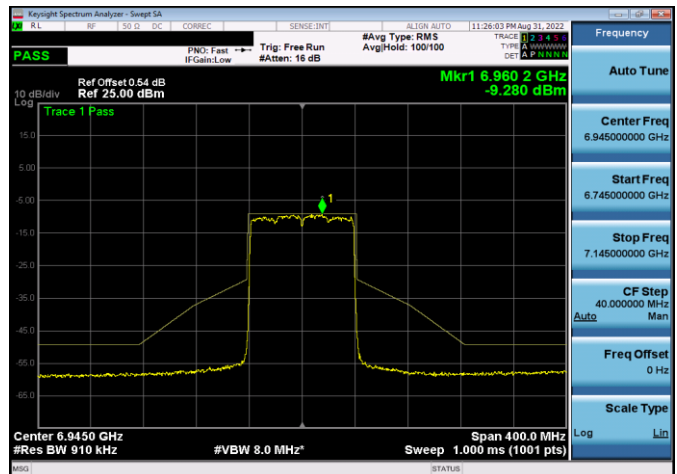
Plot 7-627. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



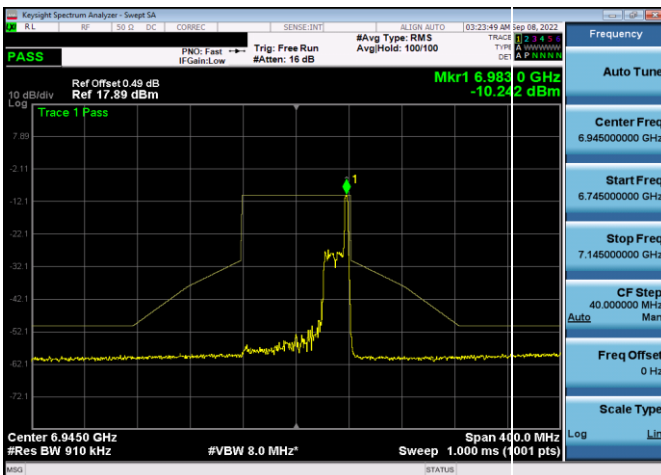
Plot 7-630. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



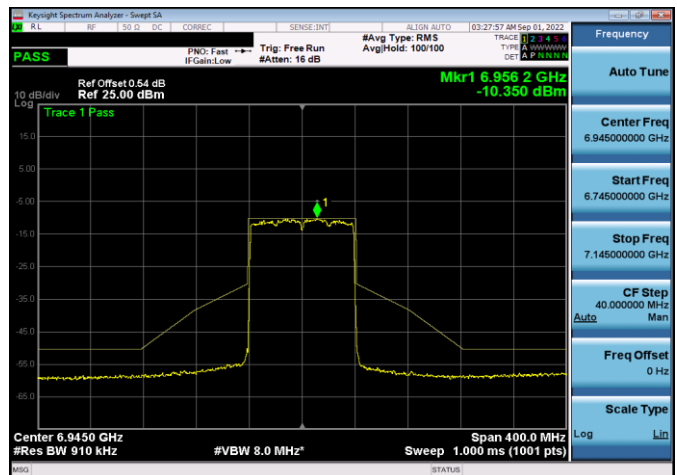
Plot 7-628. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



Plot 7-631. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)



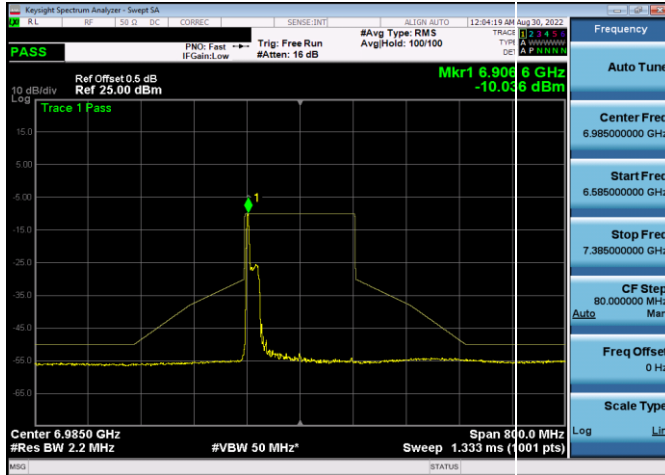
Plot 7-629. In-Band Emission Plot SDM Antenna 5b (80MHz 802.11ax RU26 (UNII Band 8) – Ch. 199)



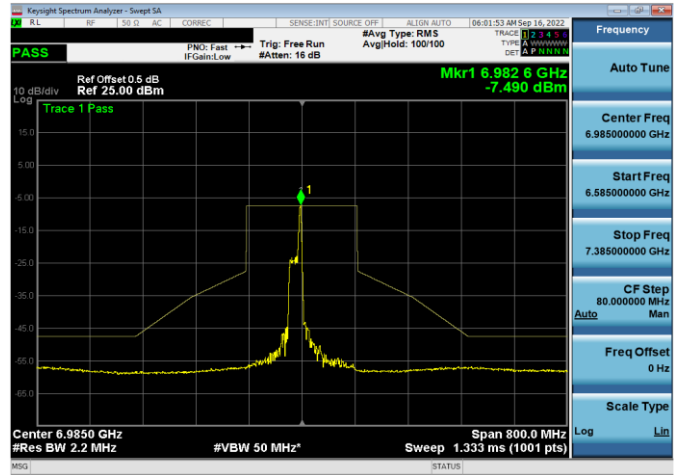
Plot 7-632. In-Band Emission Plot SDM Antenna 4a (80MHz 802.11ax RU996 (UNII Band 8) – Ch. 199)

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|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 158 of 323                   |

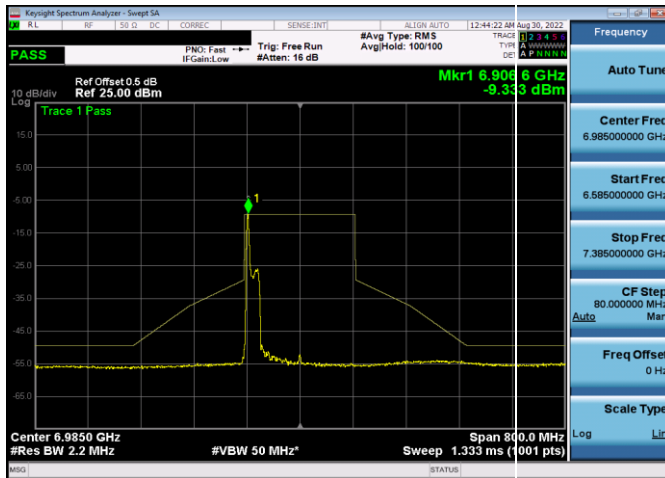




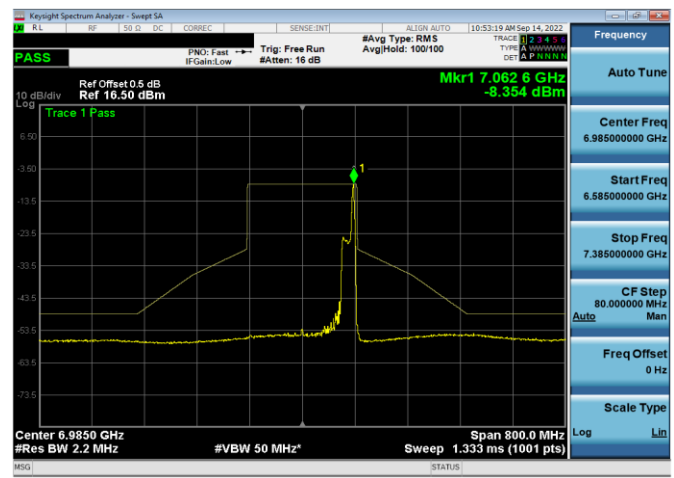
Plot 7-633. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



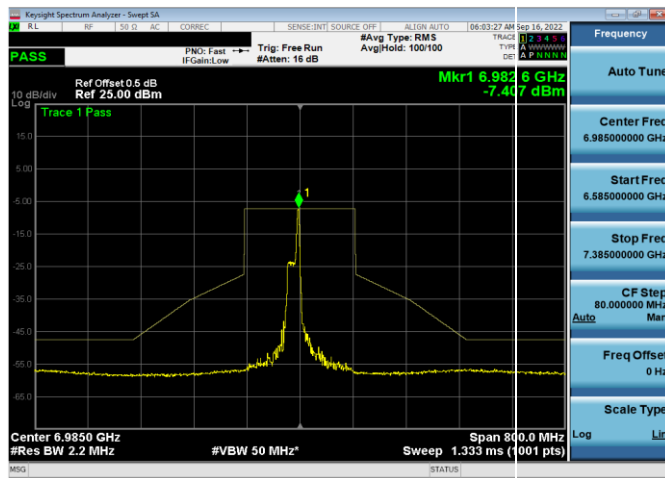
Plot 7-636. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



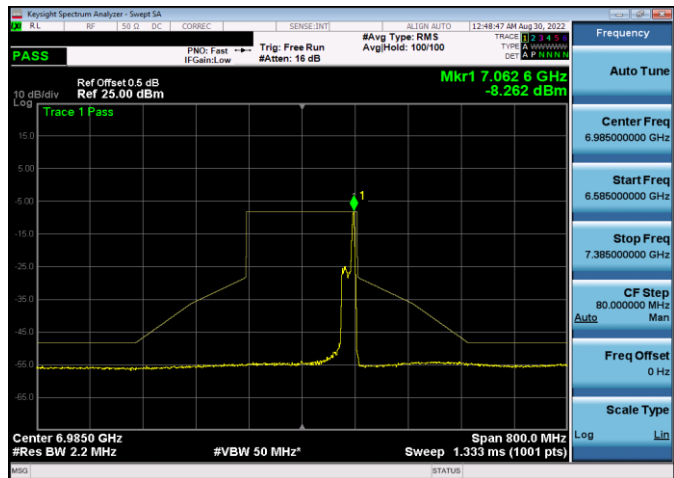
Plot 7-634. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)



Plot 7-637. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

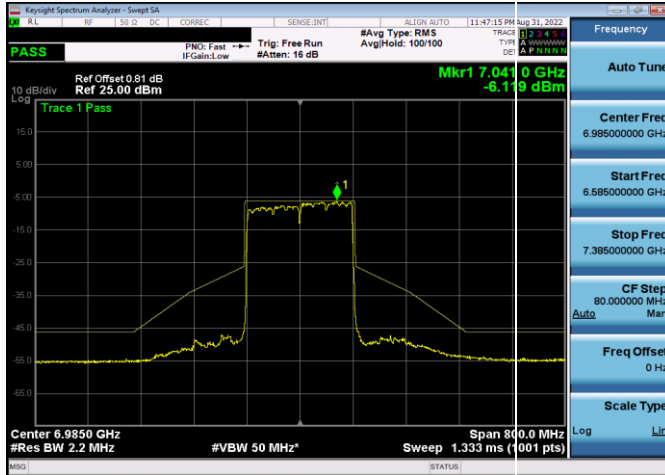


Plot 7-635. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

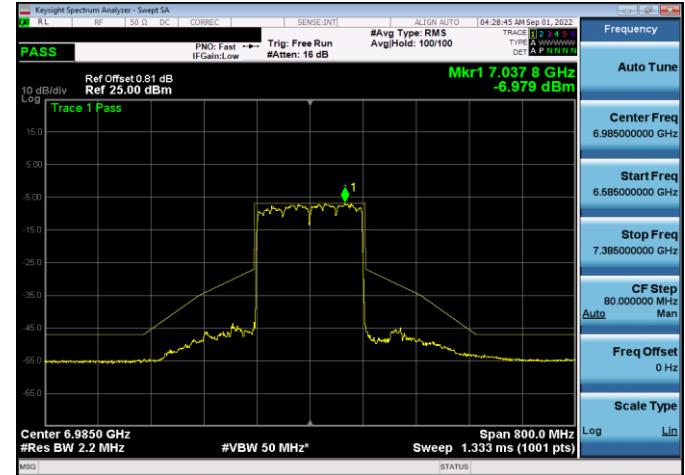


Plot 7-638. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU26 (UNII Band 8) – Ch. 207)

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| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022 | EUT Type:<br>Tablet Device            | Page 159 of 323                   |



Plot 7-639. In-Band Emission Plot SDM Antenna 5b (160MHz 802.11ax RU484 (UNII Band 8) – Ch. 207)



Plot 7-640. In-Band Emission Plot SDM Antenna 4a (160MHz 802.11ax RU484 (UNII Band 8) – Ch. 207)

|  |   |                                       |
|--|---|---------------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | Approved by:<br>Technical Manager     |
| Test Report S/N:<br>1C2205090025-22-R3.BCG |   | Test Dates:<br>05/27/2022 - 9/12/2022 |

## 7.6 Contention Based Protocol – 802.11ax OFDMA

§15.407(d)(6), RSS-248 [4.8]

### 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

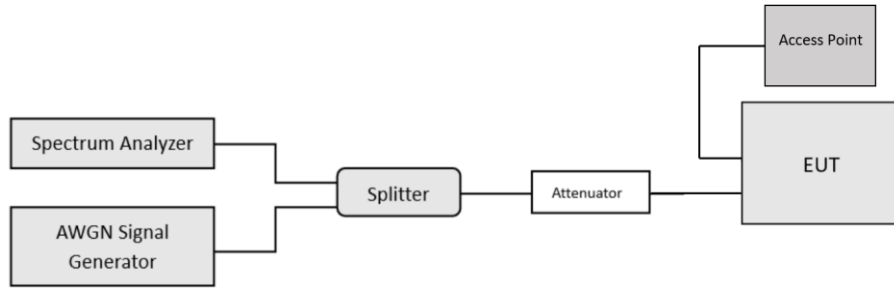
ANSI C63.10-2013 – Section 12.3.2.2  
KDB 987594 D02 v01r01

### 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.

|   |   |  |
|---|---|--|
| <b>FCC ID:</b> BCGA2435<br><b>IC:</b> 579C-A2435  |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager     |
| <b>Test Report S/N:</b><br>1C2205090025-22-R3.BCG |   | <b>Test Dates:</b><br>05/27/2022 - 9/12/2022 |

**Test Setup**



**Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup**

**Test Notes**

1. Per guidance from KDB 987594 D02 v01r01, 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.
2. Per KDB 987594 D04 v01, contention-based protocol was tested with receiver with the lowest antenna gain.
3. 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**

|   |   |  |
|---|---|--|
| <b>FCC ID:</b> BCGA2435<br><b>IC:</b> 579C-A2435  |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager     |
| <b>Test Report S/N:</b><br>1C2205090025-22-R3.BCG |   | <b>Test Dates:</b><br>05/27/2022 - 9/12/2022 |

| Band        | Channel | Channel Frquency [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                      | -69.68                | -2.30              | -67.38                     | -62.0                 | -5.38       |
|             | 47      | 6185                   | 160              | 6110                      | -68.98                | -3.70              | -65.28                     | -62.0                 | -3.28       |
|             |         |                        |                  | 6185                      | -69.18                | -2.30              | -66.88                     | -62.0                 | -4.88       |
|             |         |                        |                  | 6260                      | -65.68                | -1.10              | -64.58                     | -62.0                 | -2.58       |
| UNII Band 6 | 101     | 6455                   | 20               | 6455                      | -73.47                | -0.70              | -72.77                     | -62.0                 | -10.77      |
|             | 111     | 6505                   | 160              | 6430                      | -71.12                | -0.50              | -70.62                     | -62.0                 | -8.62       |
|             |         |                        |                  | 6505                      | -70.22                | -0.70              | -69.52                     | -62.0                 | -7.52       |
|             |         |                        |                  | 6580                      | -68.42                | -1.90              | -66.52                     | -62.0                 | -4.52       |
| UNII Band 7 | 149     | 6695                   | 20               | 6695                      | -69.79                | -1.90              | -67.89                     | -62.0                 | -5.89       |
|             | 143     | 6665                   | 160              | 6590                      | -69.39                | -1.90              | -67.49                     | -62.0                 | -5.49       |
|             |         |                        |                  | 6665                      | -69.89                | -1.90              | -67.99                     | -62.0                 | -5.99       |
|             |         |                        |                  | 6740                      | -67.19                | -2.70              | -64.49                     | -62.0                 | -2.49       |
| UNII Band 8 | 197     | 6935                   | 20               | 6935                      | -70.92                | -4.80              | -66.12                     | -62.0                 | -4.12       |
|             | 207     | 6985                   | 160              | 6910                      | -69.32                | -4.80              | -64.52                     | -62.0                 | -2.52       |
|             |         |                        |                  | 6985                      | -68.32                | -5.90              | -62.42                     | -62.0                 | -0.42       |
|             |         |                        |                  | 7060                      | -68.72                | -6.20              | -62.52                     | -62.0                 | -0.52       |

**Table 7-48. Contention Based Protocol – Incumbent Detection Results**

| Band        | Channel | Channel Frquency [MHz] | Channel BW [MHz] | Incumbent Frequency [MHz] | EUT Transmission Status   |         |        |
|-------------|---------|------------------------|------------------|---------------------------|---------------------------|---------|--------|
|             |         |                        |                  |                           | Adjusted AWGN Power (dBm) |         |        |
|             |         |                        |                  |                           | Normal                    | Minimal | Ceased |
| UNII Band 5 | 53      | 6215                   | 20               | 6215                      | -79.38                    | -68.88  | -67.38 |
|             | 47      | 6185                   | 160              | 6110                      | -77.28                    | -66.78  | -65.28 |
|             |         |                        |                  | 6185                      | -78.88                    | -68.38  | -66.88 |
|             |         |                        |                  | 6260                      | -76.58                    | -66.08  | -64.58 |
| UNII Band 6 | 101     | 6455                   | 20               | 6455                      | -84.77                    | -74.27  | -72.77 |
|             | 111     | 6505                   | 160              | 6430                      | -82.62                    | -72.12  | -70.62 |
|             |         |                        |                  | 6505                      | -81.52                    | -71.02  | -69.52 |
|             |         |                        |                  | 6580                      | -78.52                    | -68.02  | -66.52 |
| UNII Band 7 | 149     | 6695                   | 20               | 6695                      | -79.89                    | -69.39  | -67.89 |
|             | 175     | 6665                   | 160              | 6750                      | -79.49                    | -68.99  | -67.49 |
|             |         |                        |                  | 6825                      | -79.99                    | -69.49  | -67.99 |
|             |         |                        |                  | 6900                      | -76.49                    | -65.99  | -64.49 |
| UNII Band 8 | 197     | 6935                   | 20               | 6935                      | -78.12                    | -67.62  | -66.12 |
|             | 207     | 6985                   | 160              | 6910                      | -76.52                    | -66.02  | -64.52 |
|             |         |                        |                  | 6985                      | -74.42                    | -63.92  | -62.42 |
|             |         |                        |                  | 7060                      | -74.52                    | -64.02  | -62.52 |

**Table 7-49. Contention Based Protocol – Detection Results – All Tx Cases**

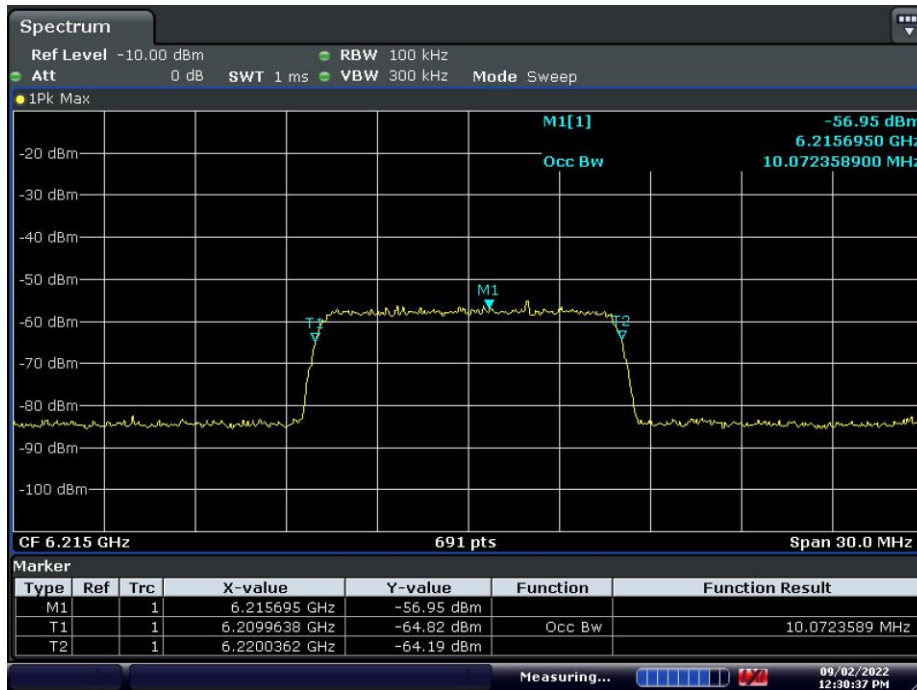
|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022   | EUT Type:<br>Tablet Device            | Page 163 of 323                   |

| 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 [%] |
| UNII Band 5   | 53      | 6215                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   | 47      | 6185                    | 160              | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1                  | 100.0     |
| UNII Band 6   | 101     | 6455                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   | 111     | 6505                    | 160              | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1                  | 100.0     |
| UNII Band 7   | 149     | 6695                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   | 175     | 6825                    | 160              | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1                  | 100.0     |
| UNII Band 8   | 197     | 6935                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   | 207     | 6985                    | 160              | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        |
|   |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 1                  | 100.0     |

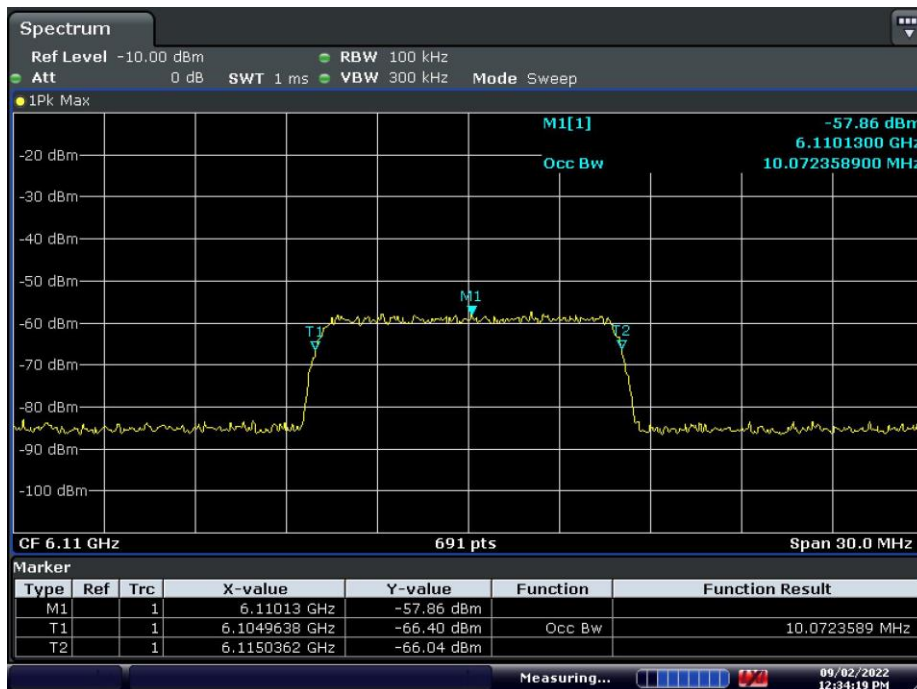
**Table 7-50. Contention Based Protocol – Incumbent Detection Trial Results**

|   |   |   |  |
|---|---|---|--|
| FCC ID: BCGA2435<br>IC: 579C-A2435                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2205090025-22-R3.BCG | <b>Test Dates:</b><br>05/27/2022 - 9/12/2022  | <b>EUT Type:</b><br>Tablet Device             | Page 164 of 323                          |

### AWGN Plots

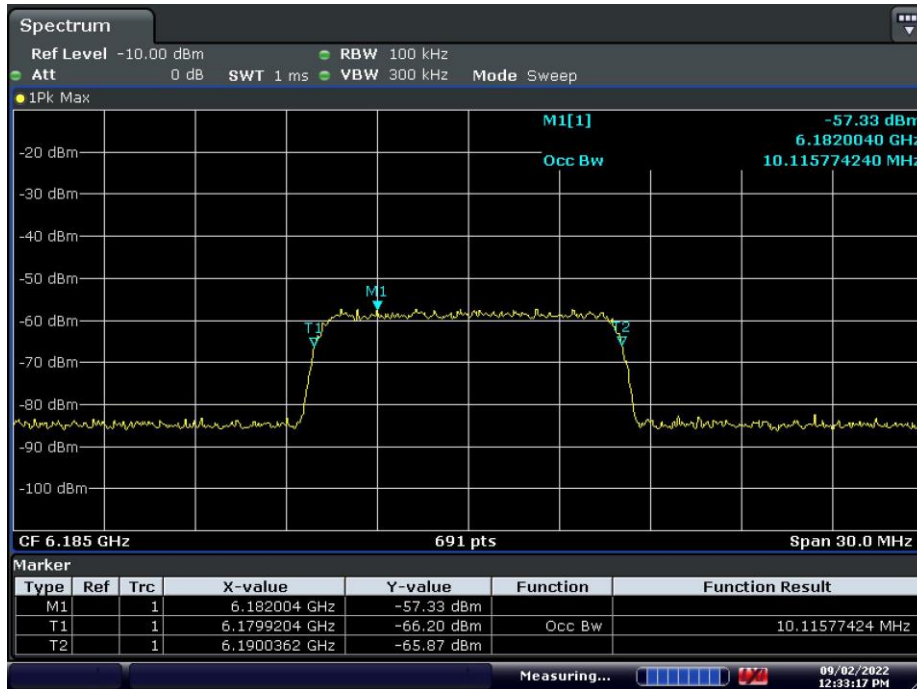


Plot 7-641. AWGN Signal – UNII 5 – 20MHz

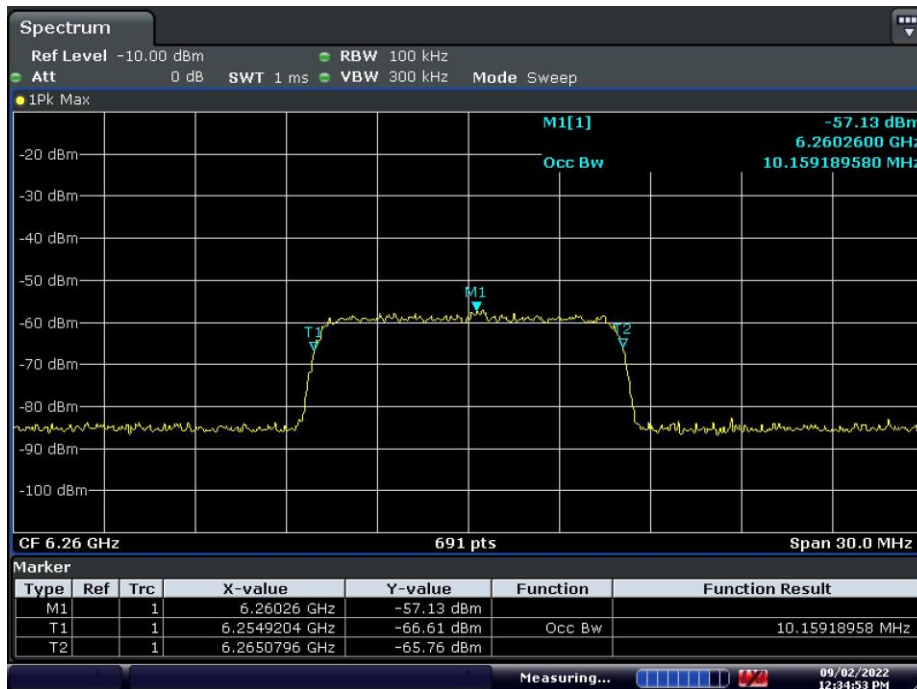


Plot 7-642. AWGN Signal – UNII 5 – 160MHz - Low

|  |                                       |                                       |                                   |
|--|---------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |                                       | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
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Plot 7-643. AWGN Signal – UNII 5 – 160MHz – Mid



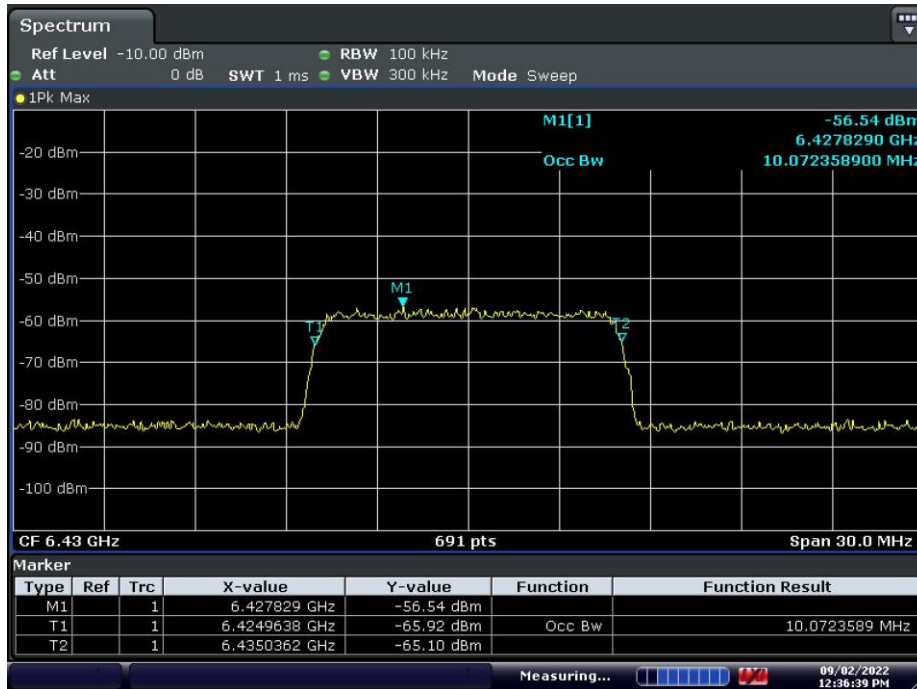
Plot 7-644. AWGN Signal – UNII 5 – 160MHz - High

|  |   |                                       |                                   |
|--|---|---------------------------------------|-----------------------------------|
| FCC ID: BCGA2435<br>IC: 579C-A2435         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2205090025-22-R3.BCG | Test Dates:<br>05/27/2022 - 9/12/2022   | EUT Type:<br>Tablet Device            | Page 166 of 323                   |





Plot 7-645. AWGN Signal – UNII 6 – 20MHz



Plot 7-646. AWGN Signal – UNII 6 – 160MHz - Low

|   |   |   |  |
|---|---|---|--|
| FCC ID: BCGA2435<br>IC: 579C-A2435                |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2205090025-22-R3.BCG | <b>Test Dates:</b><br>05/27/2022 - 9/12/2022  | <b>EUT Type:</b><br>Tablet Device             | Page 167 of 323                          |