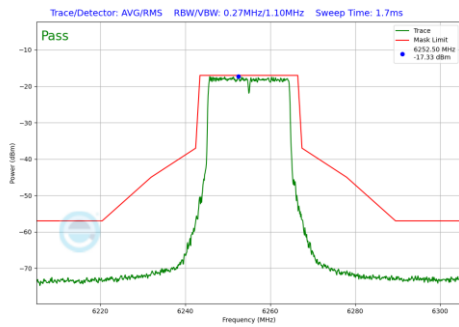
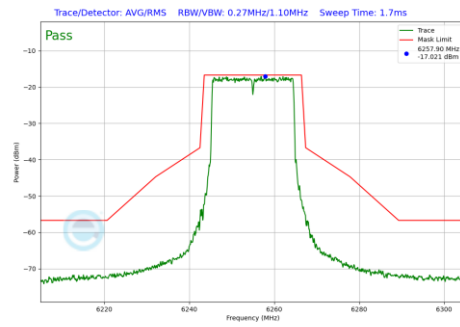
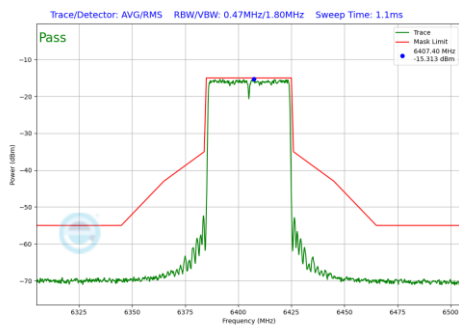




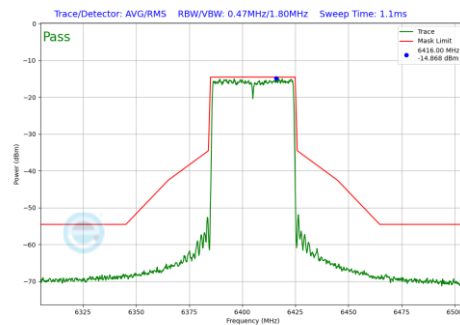
**Plot 7-217 In-Band Emission Plot SDM Antenna 0 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 5) - Ch.61)**



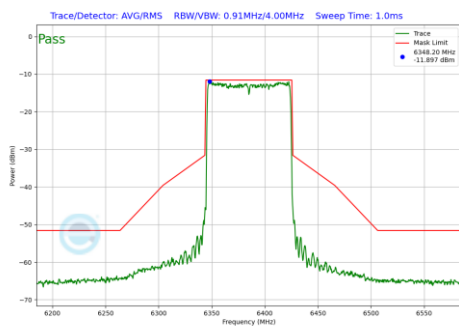
**Plot 7-220 In-Band Emission Plot SDM Antenna 1 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 5) - Ch.61)**



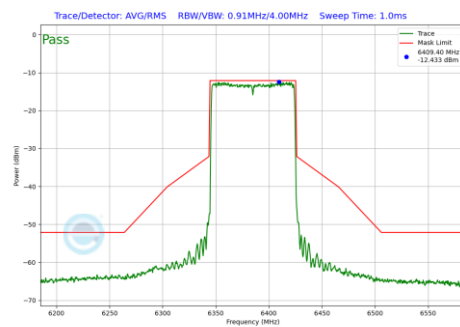
**Plot 7-218 In-Band Emission Plot SDM Antenna 0 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 5) - Ch.91)**



**Plot 7-221 In-Band Emission Plot SDM Antenna 1 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 5) - Ch.91)**

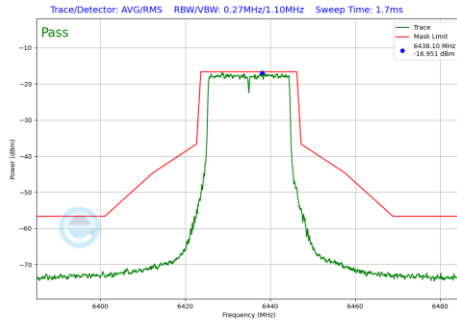


**Plot 7-219 In-Band Emission Plot SDM Antenna 0 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 5) - Ch.87)**

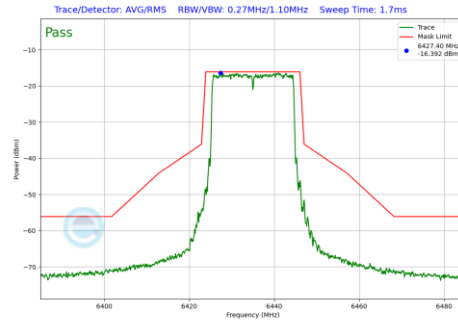


**Plot 7-222 In-Band Emission Plot SDM Antenna 1 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 5) - Ch.87)**

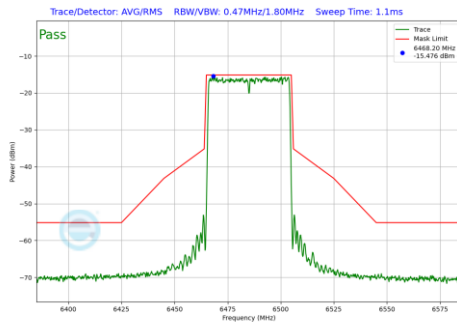
|                                                   |                                                                                     |                                                                                                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3374<br><b>IC:</b> 579C-A3374  |  | <b>Test Dates:</b><br>05/19/2025 - 03/12/2026                                                                                                                                                                    | <b>EUT Type:</b><br>Smart Speaker | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                   | Page 97 of 189                           |



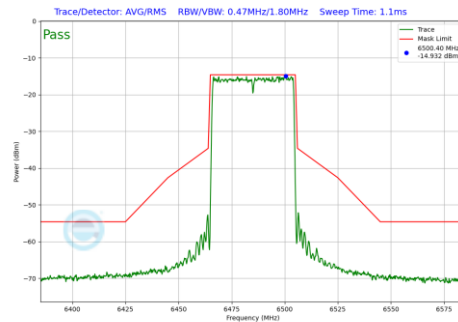
**Plot 7-223 In-Band Emission Plot SDM Antenna 0 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 6) - Ch.97)**



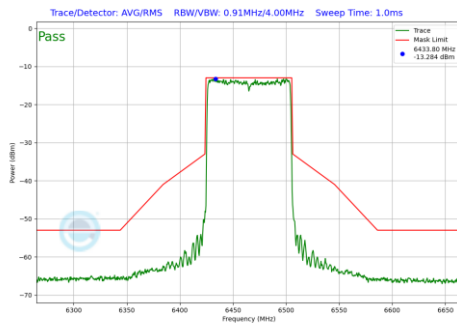
**Plot 7-226 In-Band Emission Plot SDM Antenna 1 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 6) - Ch.97)**



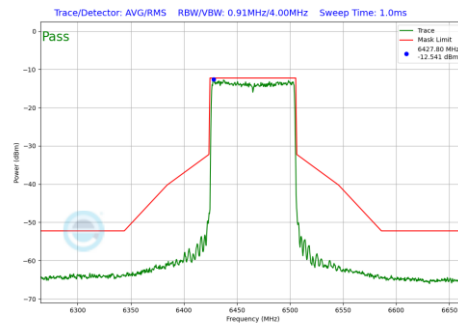
**Plot 7-224 In-Band Emission Plot SDM Antenna 0 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 6) - Ch.107)**



**Plot 7-227 In-Band Emission Plot SDM Antenna 1 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 6) - Ch.107)**

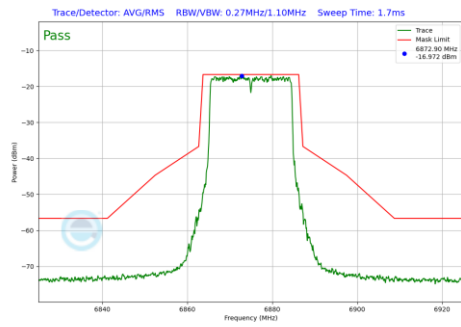


**Plot 7-225 In-Band Emission Plot SDM Antenna 0 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 6) - Ch.103)**

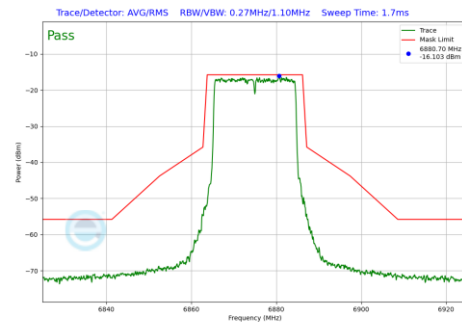


**Plot 7-228 In-Band Emission Plot SDM Antenna 1 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 6) - Ch.103)**

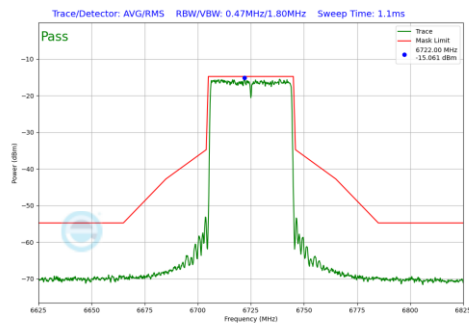
|                                                   |                                                                                     |                                                                                                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3374<br><b>IC:</b> 579C-A3374  |  | <b>Test Dates:</b><br>05/19/2025 - 03/12/2026                                                                                                                                                                    | <b>EUT Type:</b><br>Smart Speaker | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                   | Page 98 of 189                           |



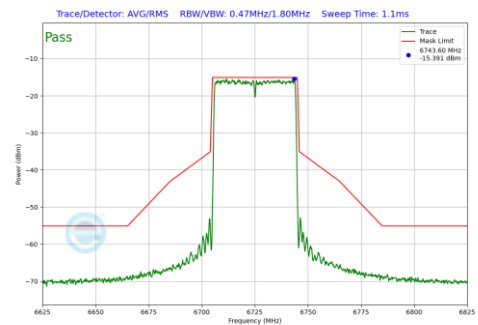
**Plot 7-229 In-Band Emission Plot SDM Antenna 0 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 7) - Ch.185)**



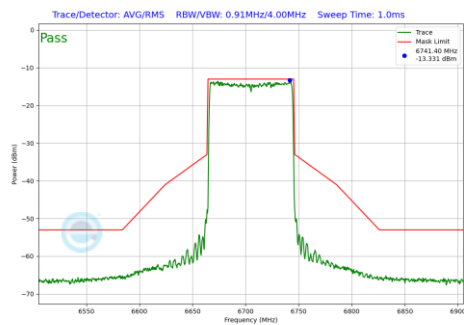
**Plot 7-232 In-Band Emission Plot SDM Antenna 1 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 7) - Ch.185)**



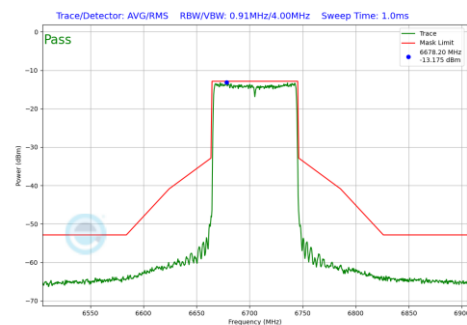
**Plot 7-230 In-Band Emission Plot SDM Antenna 0 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 7) - Ch.155)**



**Plot 7-233 In-Band Emission Plot SDM Antenna 1 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 7) - Ch.155)**

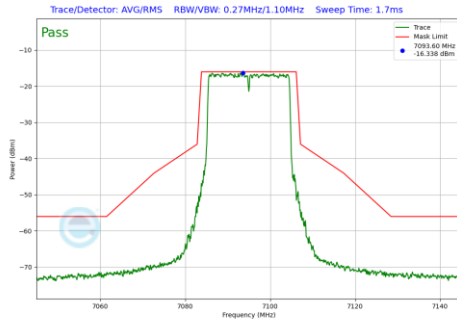


**Plot 7-231 In-Band Emission Plot SDM Antenna 0 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 7) - Ch.151)**

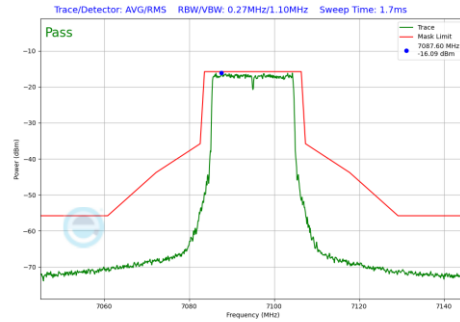


**Plot 7-234 In-Band Emission Plot SDM Antenna 1 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 7) - Ch.151)**

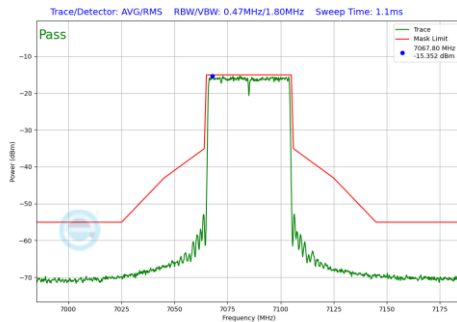
|                                                   |                                                                                     |                                                                                                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3374<br><b>IC:</b> 579C-A3374  |  | <b>Test Dates:</b><br>05/19/2025 - 03/12/2026                                                                                                                                                                    | <b>EUT Type:</b><br>Smart Speaker | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                   | Page 99 of 189                           |



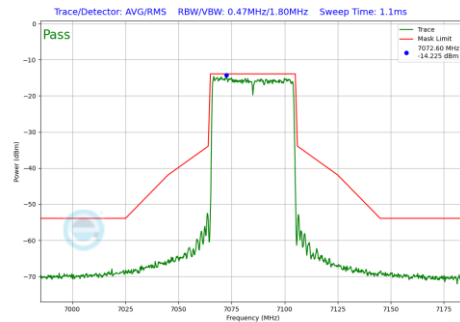
**Plot 7-235 In-Band Emission Plot SDM Antenna 0 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 8) - Ch.229)**



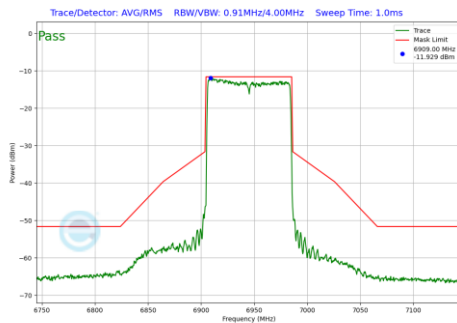
**Plot 7-238 In-Band Emission Plot SDM Antenna 1 (20MHz BW 802.11ax(RU) RU242 Index61 (UNII Band 8) - Ch.229)**



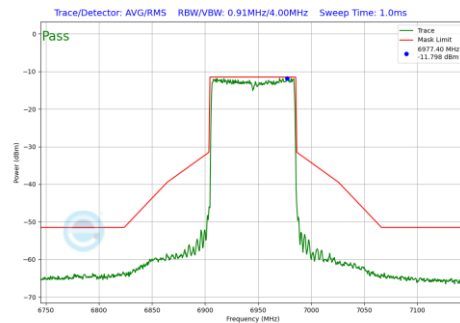
**Plot 7-236 In-Band Emission Plot SDM Antenna 0 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 8) - Ch.227)**



**Plot 7-239 In-Band Emission Plot SDM Antenna 1 (40MHz BW 802.11ax(RU) RU484 Index65 (UNII Band 8) - Ch.227)**



**Plot 7-237 In-Band Emission Plot SDM Antenna 0 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 8) - Ch.199)**



**Plot 7-240 In-Band Emission Plot SDM Antenna 1 (80MHz BW 802.11ax(RU) RU996 Index67 (UNII Band 8) - Ch.199)**

|                                                   |                                                                                     |                                                                                                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3374<br><b>IC:</b> 579C-A3374  |  | <b>Test Dates:</b><br>05/19/2025 - 03/12/2026                                                                                                                                                                    | <b>EUT Type:</b><br>Smart Speaker | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                   | Page 100 of 189                          |

## 7.6 Contention Based Protocol

### Test Overview and Limit

Indoor access points, subordinate devices and all client devices (except for Fixed clients), and VLP devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) must use 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, unlicensed devices must detect RF energy throughout their intended operating channel.

### Test Procedure Used

KDB 987594 D02 v03 – Section I

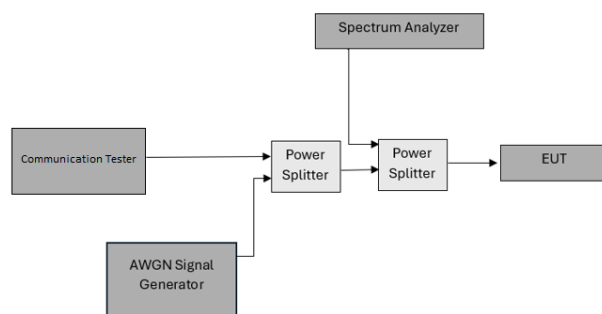
### Test Settings

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: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 101 of 189                   |

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## Test Setup



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

## Test Notes

1. 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.
2. Per Guidance from KDB 987594 D04 v03, 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.
4. The Channel Power (AWGN) plots do not account for the cable loss at the antenna connector. This loss is added separately in the Incumbent Detection Results table. Across UNII-5 to UNII-8, the antenna connectors loss ranges from 0.2 dB to 0.4 dB.

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

### Equation 7-1. Incumbent Detection Level Calculation

|                                                   |                                                                                     |                                                                                                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3374<br><b>IC:</b> 579C-A3374  |  | <b>Test Dates:</b><br>05/19/2025 - 03/12/2026                                                                                                                                                                    | <b>EUT Type:</b><br>Smart Speaker | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                   |                                          |

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| Band        | Channel | Channel Frequency [MHz] | Channel BW [MHz] | Incumbent Frequency [MHz] | Injected (AWGN) [dBm] | Antenna Gain [dBi] | Adjusted Power Level [dBm] | Detection Limit [dBm] | Margin [dB] |
|-------------|---------|-------------------------|------------------|---------------------------|-----------------------|--------------------|----------------------------|-----------------------|-------------|
| UNII Band 5 | 53      | 6215                    | 20               | 6215                      | -65.15                | -1.48              | -63.67                     | -62.0                 | -1.67       |
|             |         |                         |                  | 6190                      | -65.25                | -1.48              | -63.77                     | -62.0                 | -1.77       |
|             | 55      | 6225                    | 80               | 6225                      | -65.11                | -1.48              | -63.63                     | -62.0                 | -1.63       |
|             |         |                         |                  | 6260                      | -64.94                | -1.48              | -63.46                     | -62.0                 | -1.46       |
| UNII Band 6 | 101     | 6455                    | 20               | 6455                      | -65.12                | -1.48              | -63.64                     | -62.0                 | -1.64       |
|             |         |                         |                  | 6430                      | -64.99                | -1.48              | -63.51                     | -62.0                 | -1.51       |
|             | 103     | 6465                    | 80               | 6465                      | -65.20                | -1.48              | -63.72                     | -62.0                 | -1.72       |
|             |         |                         |                  | 6500                      | -65.22                | -1.48              | -63.74                     | -62.0                 | -1.74       |
| UNII Band 7 | 149     | 6695                    | 20               | 6695                      | -65.30                | -1.48              | -63.82                     | -62.0                 | -1.82       |
|             |         |                         |                  | 6670                      | -65.25                | -1.48              | -63.77                     | -62.0                 | -1.77       |
|             | 151     | 6705                    | 80               | 6705                      | -65.32                | -1.48              | -63.84                     | -62.0                 | -1.84       |
|             |         |                         |                  | 6740                      | -65.30                | -1.48              | -63.82                     | -62.0                 | -1.82       |
| UNII Band 8 | 197     | 6935                    | 20               | 6935                      | -65.12                | -1.48              | -63.64                     | -62.0                 | -1.64       |
|             |         |                         |                  | 6910                      | -65.15                | -1.48              | -63.67                     | -62.0                 | -1.67       |
|             | 199     | 6945                    | 80               | 6945                      | -65.09                | -1.48              | -63.61                     | -62.0                 | -1.61       |
|             |         |                         |                  | 6980                      | -65.21                | -1.48              | -63.73                     | -62.0                 | -1.73       |

**Table 7-32. Contention Based Protocol – Incumbent Detection Results**

| Band        | Channel | Channel Frequency [MHz] | Channel BW [MHz] | Incumbent Frequency [MHz] | EUT Transmission Status   |         |        |
|-------------|---------|-------------------------|------------------|---------------------------|---------------------------|---------|--------|
|             |         |                         |                  |                           | Adjusted AWGN Power (dBm) |         |        |
|             |         |                         |                  |                           | Normal                    | Minimal | Ceased |
| UNII Band 5 | 53      | 6215                    | 20               | 6215                      | -74.85                    | -64.92  | -63.67 |
|             |         |                         |                  | 6190                      | -74.95                    | -65.02  | -63.77 |
|             | 55      | 6225                    | 80               | 6225                      | -74.81                    | -64.88  | -63.63 |
|             |         |                         |                  | 6260                      | -74.64                    | -64.71  | -63.46 |
| UNII Band 6 | 101     | 6455                    | 20               | 6455                      | -74.82                    | -64.89  | -63.64 |
|             |         |                         |                  | 6430                      | -74.69                    | -64.76  | -63.51 |
|             | 103     | 6465                    | 80               | 6465                      | -74.90                    | -64.97  | -63.72 |
|             |         |                         |                  | 6500                      | -74.92                    | -64.99  | -63.74 |
| UNII Band 7 | 149     | 6695                    | 20               | 6695                      | -74.80                    | -65.04  | -63.82 |
|             |         |                         |                  | 6670                      | -74.75                    | -64.99  | -63.77 |
|             | 151     | 6705                    | 80               | 6705                      | -74.82                    | -65.06  | -63.84 |
|             |         |                         |                  | 6740                      | -74.80                    | -65.04  | -63.82 |
| UNII Band 8 | 197     | 6935                    | 20               | 6935                      | -74.62                    | -64.86  | -63.64 |
|             |         |                         |                  | 6910                      | -74.65                    | -64.89  | -63.67 |
|             | 199     | 6945                    | 80               | 6945                      | -74.59                    | -64.83  | -63.61 |
|             |         |                         |                  | 6980                      | -74.71                    | -64.95  | -63.73 |

**Table 7-33. Contention Based Protocol VLP – Detection Results – All Tx Cases**

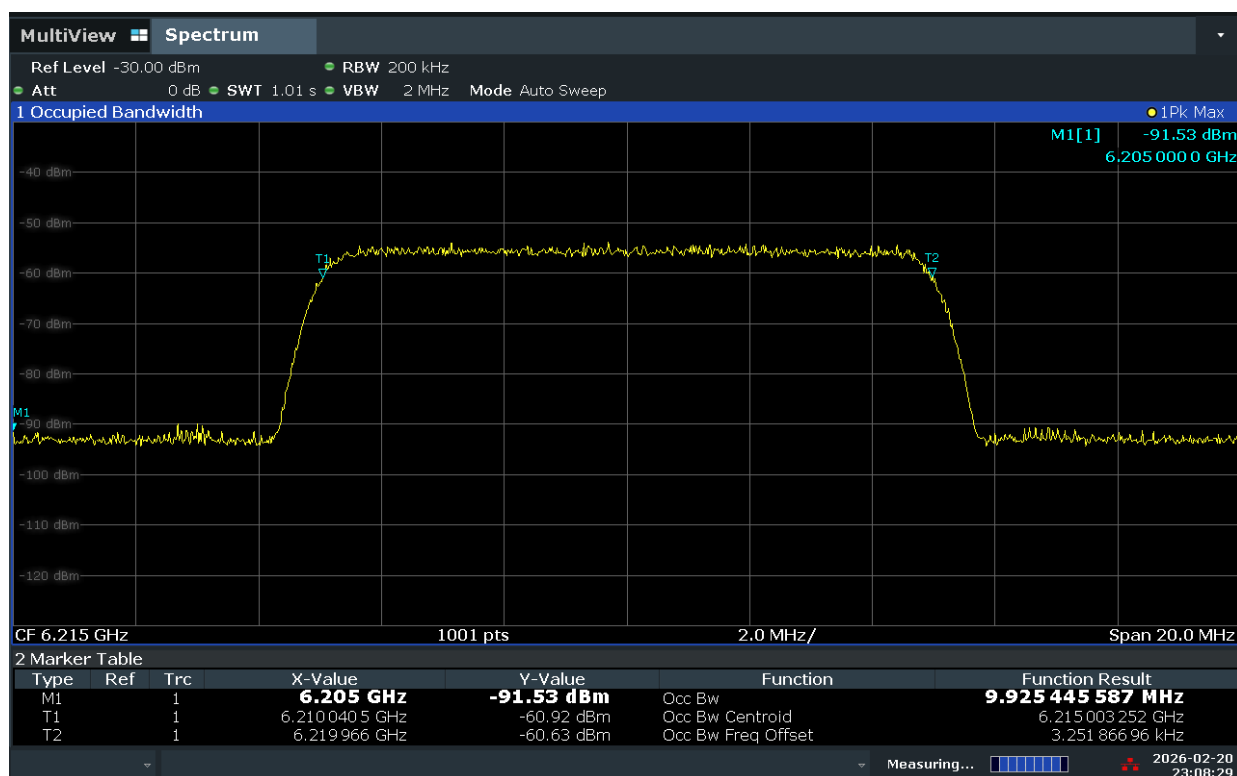
|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 103 of 189                   |

| CBP Detection (1 = Detection, Blank = No Detection) |         |                         |                  |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |                    |           |           |
|-----------------------------------------------------|---------|-------------------------|------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|--------------------|-----------|-----------|
| and                                                 | Channel | Channel Frequency [MHz] | Channel BW [MHz] | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | Detection Rate [%] | Limit [%] | Pass/Fail |
| UNII Band 5                                         | 53      | 6215                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     | 55      | 6225                    | 80               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
| UNII Band 6                                         | 101     | 6465                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     | 103     | 6465                    | 80               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
| UNII Band 7                                         | 149     | 6695                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     | 151     | 6705                    | 80               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
| UNII Band 8                                         | 197     | 6935                    | 20               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     | 199     | 6945                    | 80               | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |
|                                                     |         |                         |                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100.0              | 90        | Pass      |

**Table 7-34. Contention Based Protocol – Incumbent Detection Trial Results**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 104 of 189                   |

## AWGN Plots



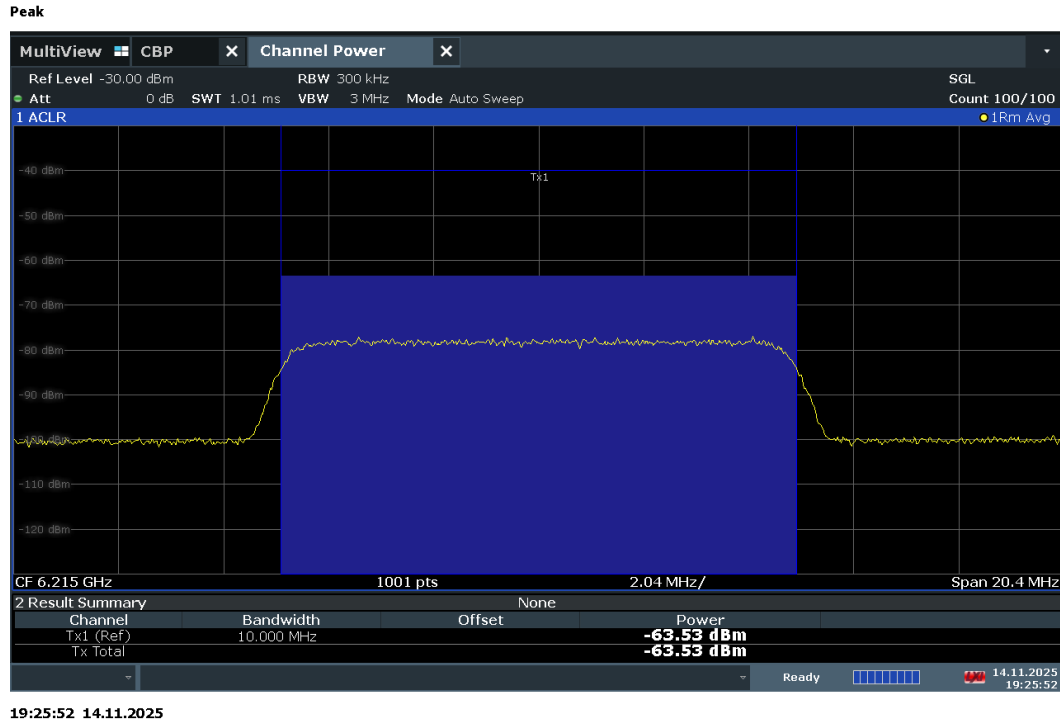
Plot 7-241. AWGN Signal – UNII 5 – 20MHz

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 105 of 189                   |

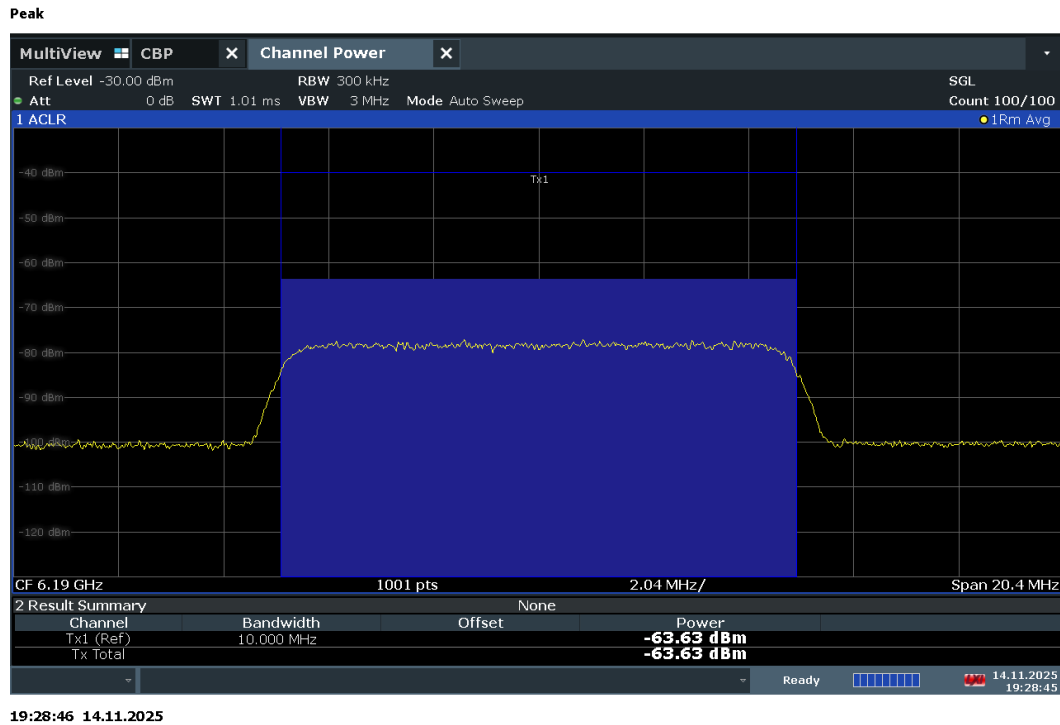
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## Channel Power Plots

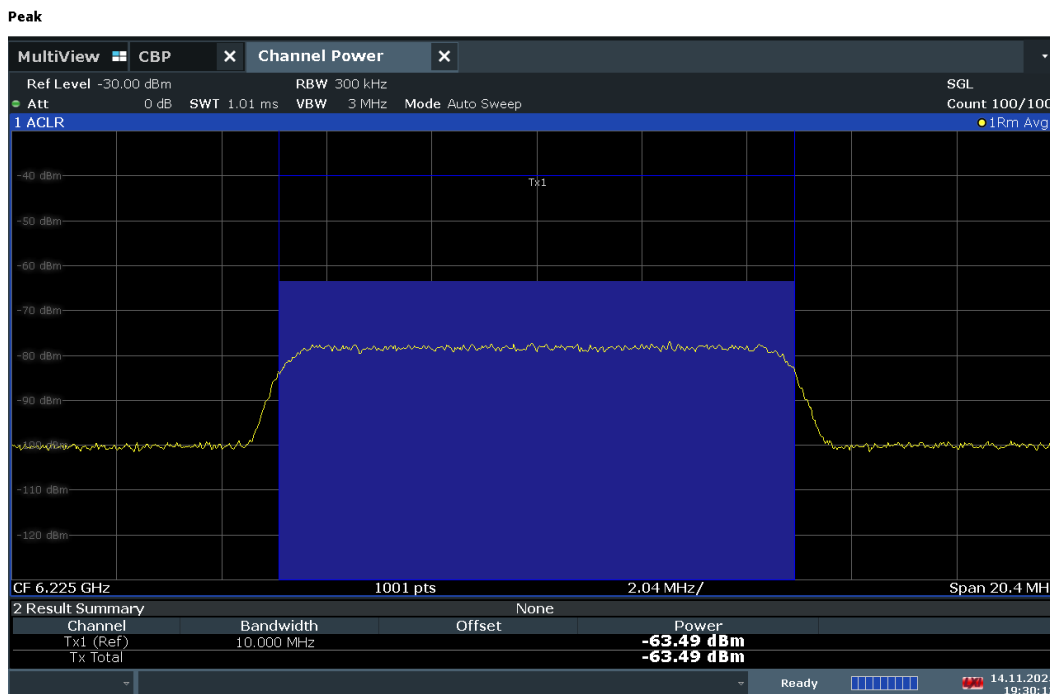


Plot 7-242. Channel Power – UNII 5 – 20MHz



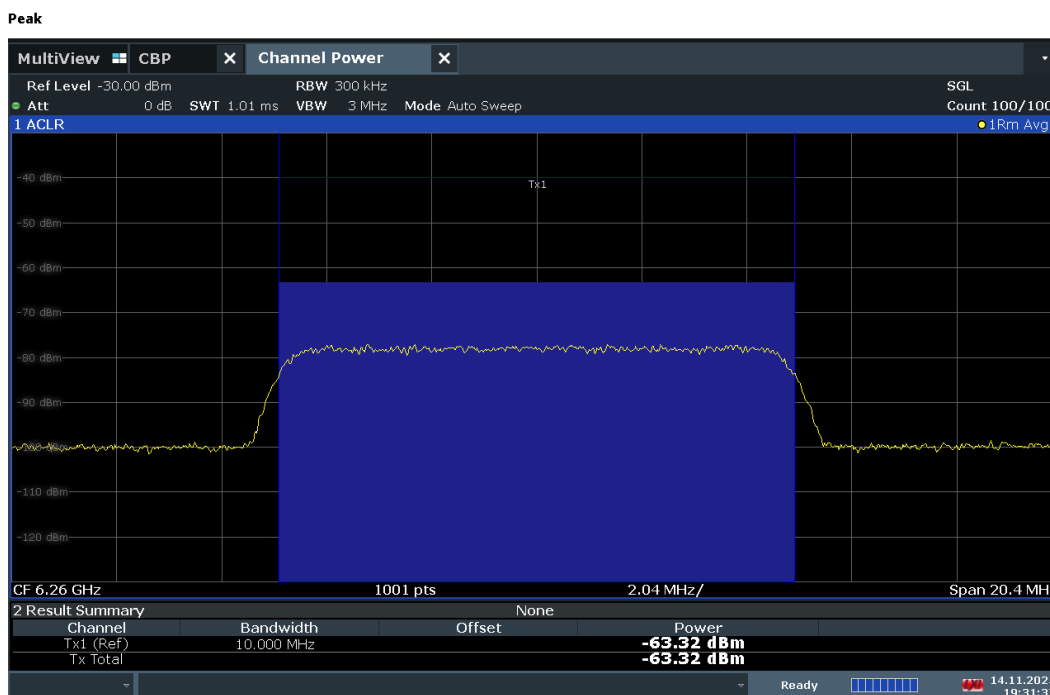
Plot 7-243. Channel Power – UNII 5 – 80MHz - Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 106 of 189                   |



19:30:14 14.11.2025

Plot 7-244. Channel Power – UNII 5 – 80MHz – Mid



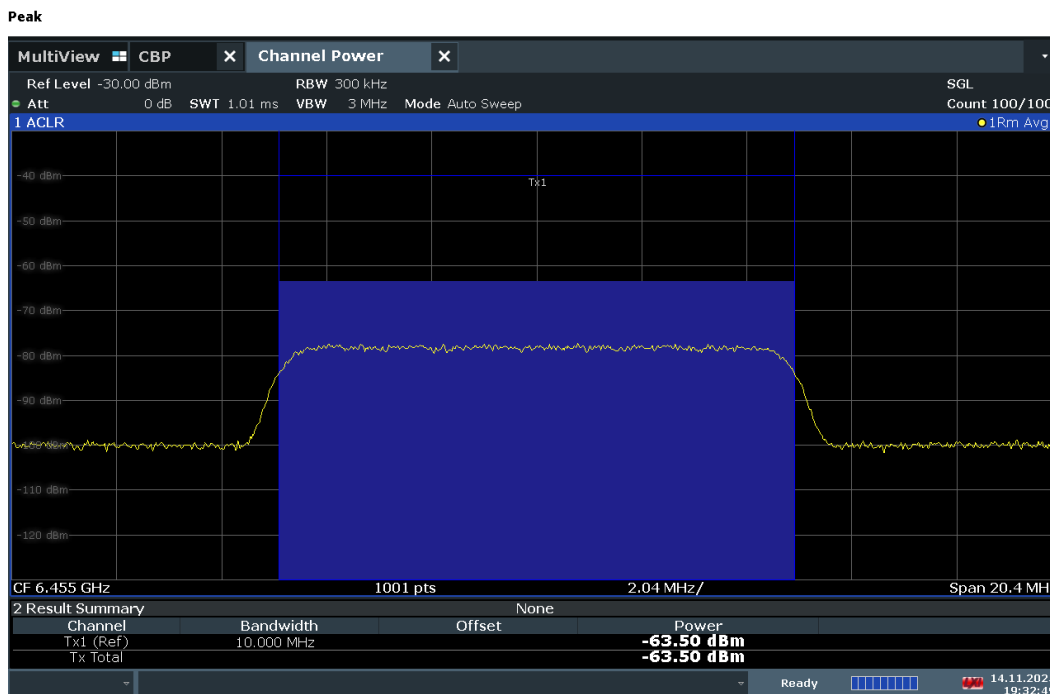
19:31:38 14.11.2025

Plot 7-245. Channel Power – UNII 5 – 80MHz - High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 107 of 189                   |

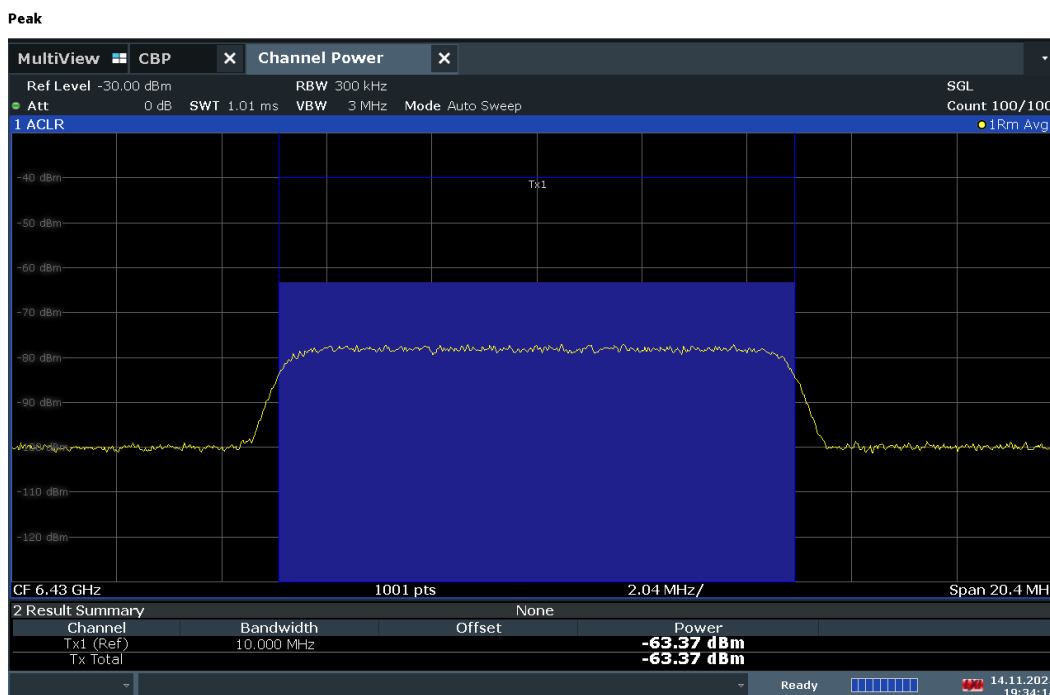
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19:32:50 14.11.2025

Plot 7-246. Channel Power – UNII 6 – 20MHz



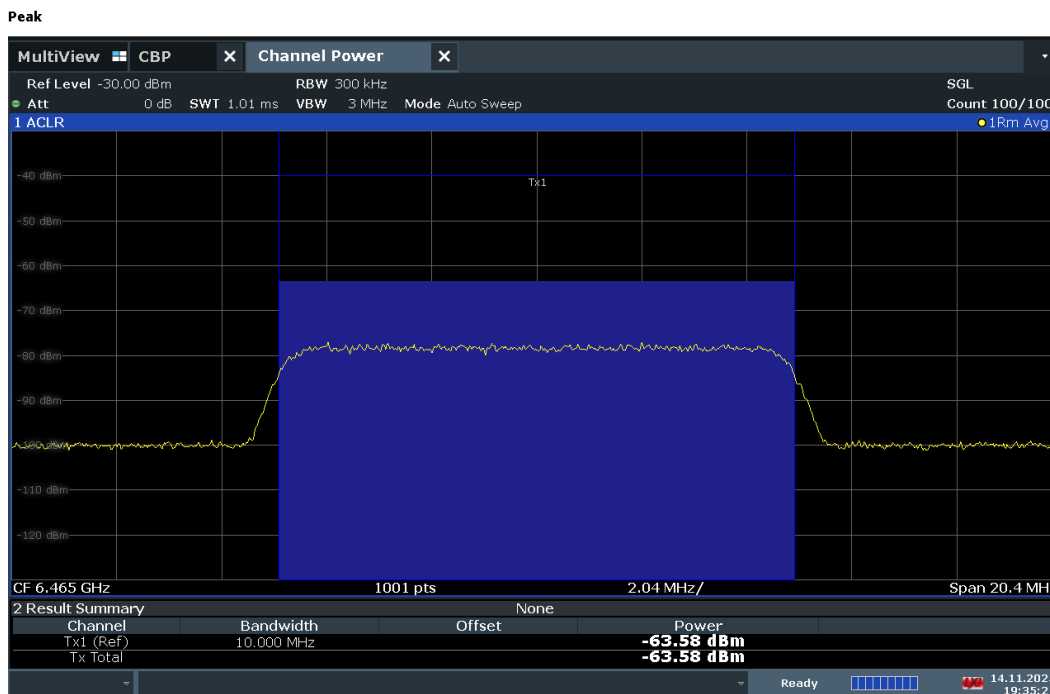
19:34:14 14.11.2025

Plot 7-247. Channel Power – UNII 6 – 80MHz - Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 108 of 189                   |

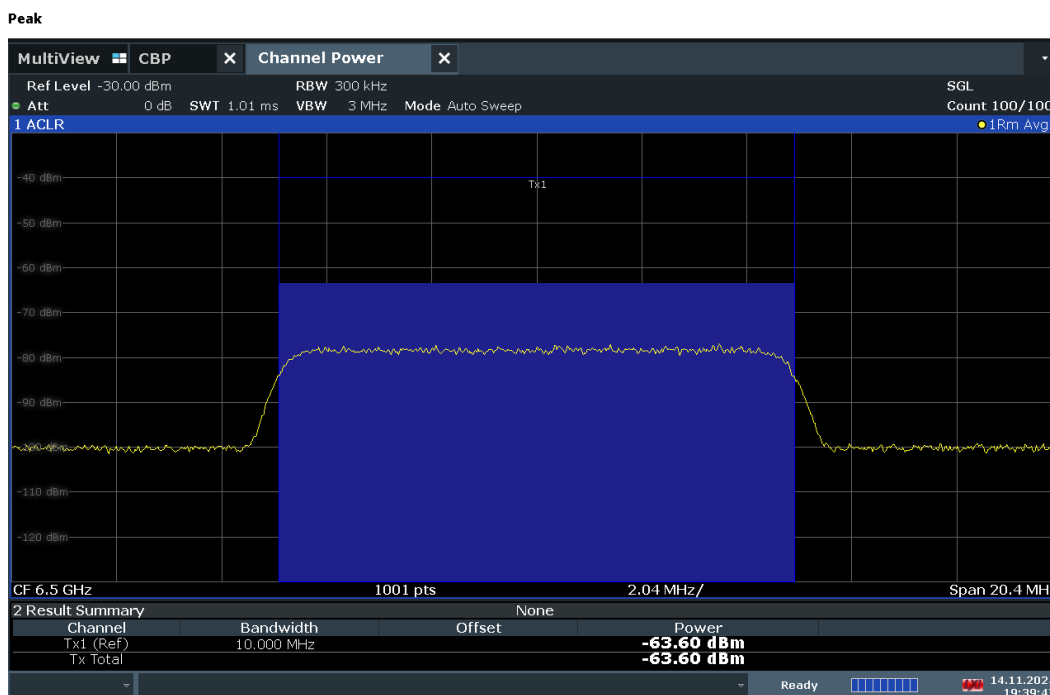
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19:35:22 14.11.2025

Plot 7-248. Channel Power – UNII 6 – 80MHz – Mid



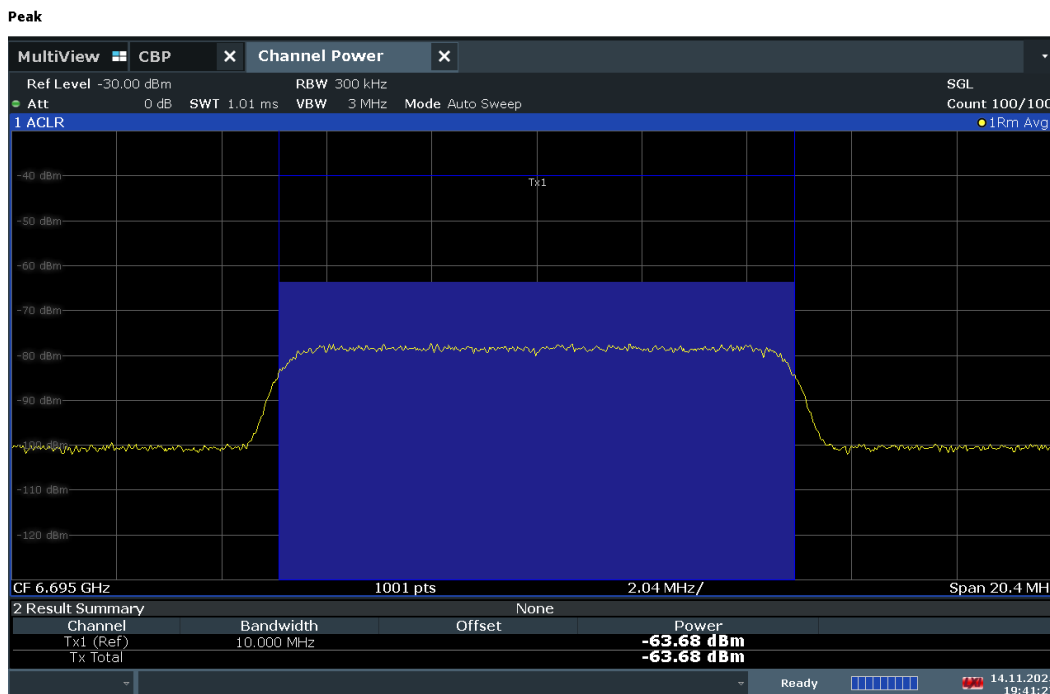
19:39:47 14.11.2025

Plot 7-249. Channel Power – UNII 6 – 80MHz - High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 109 of 189                   |

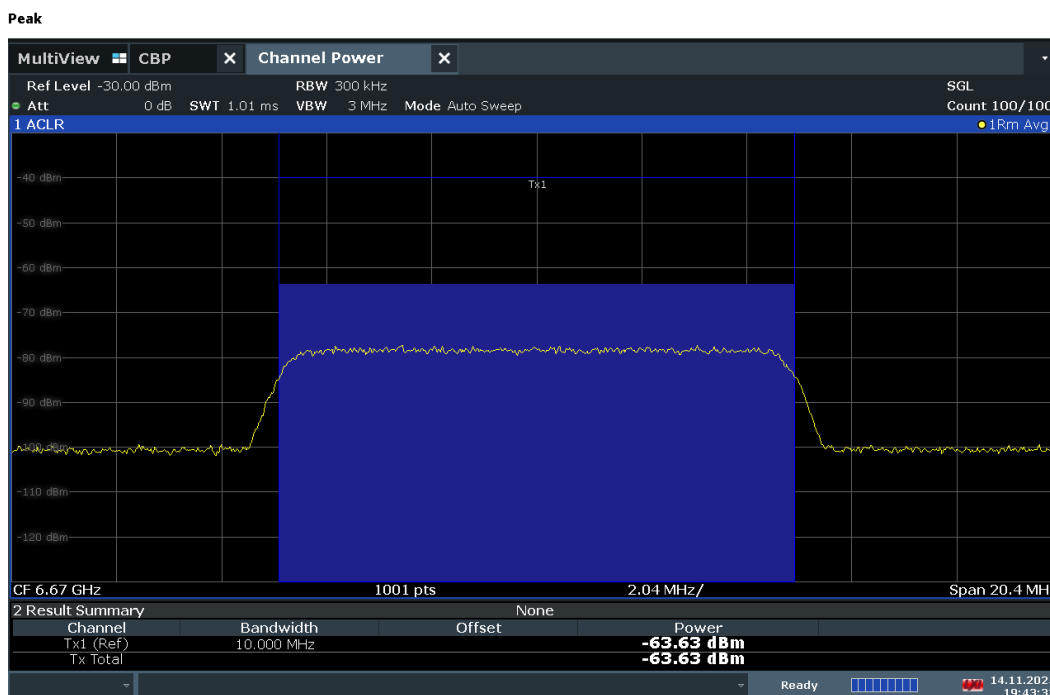
V 12.0 03/03/2026

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19:41:27 14.11.2025

Plot 7-250. Channel Power – UNII 7 – 20MHz



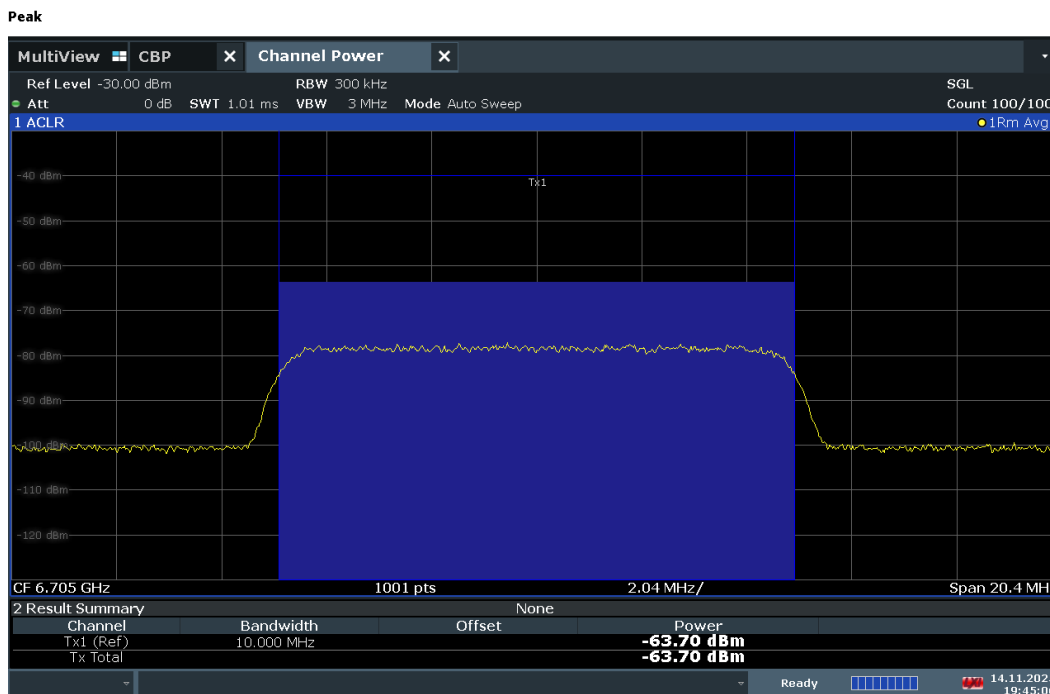
19:43:33 14.11.2025

Plot 7-251. Channel Power – UNII 7 – 80MHz - Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 110 of 189                   |

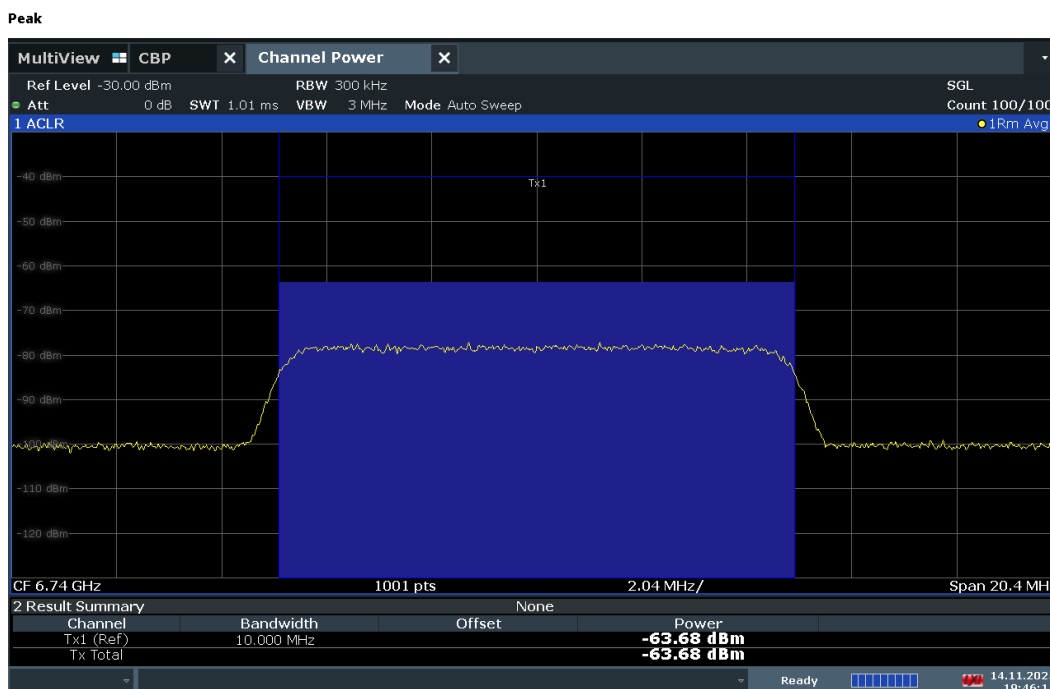
V 12.0 03/03/2026

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19:45:06 14.11.2025

Plot 7-252. Channel Power – UNII 7 – 80MHz – Mid



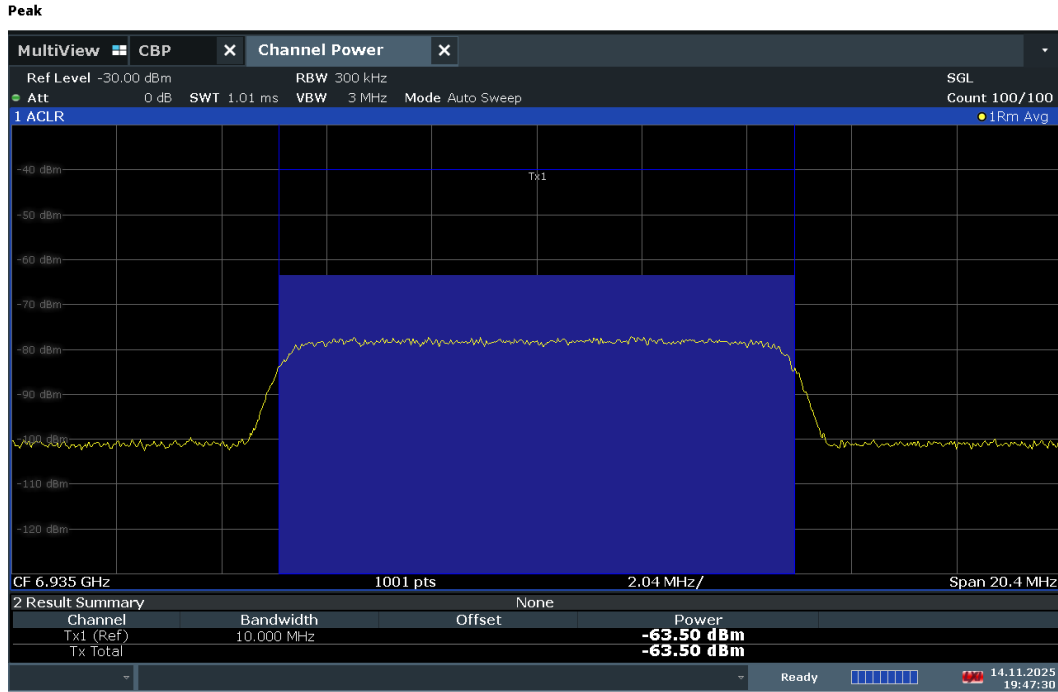
19:46:12 14.11.2025

Plot 7-253. Channel Power – UNII 7 – 80MHz - High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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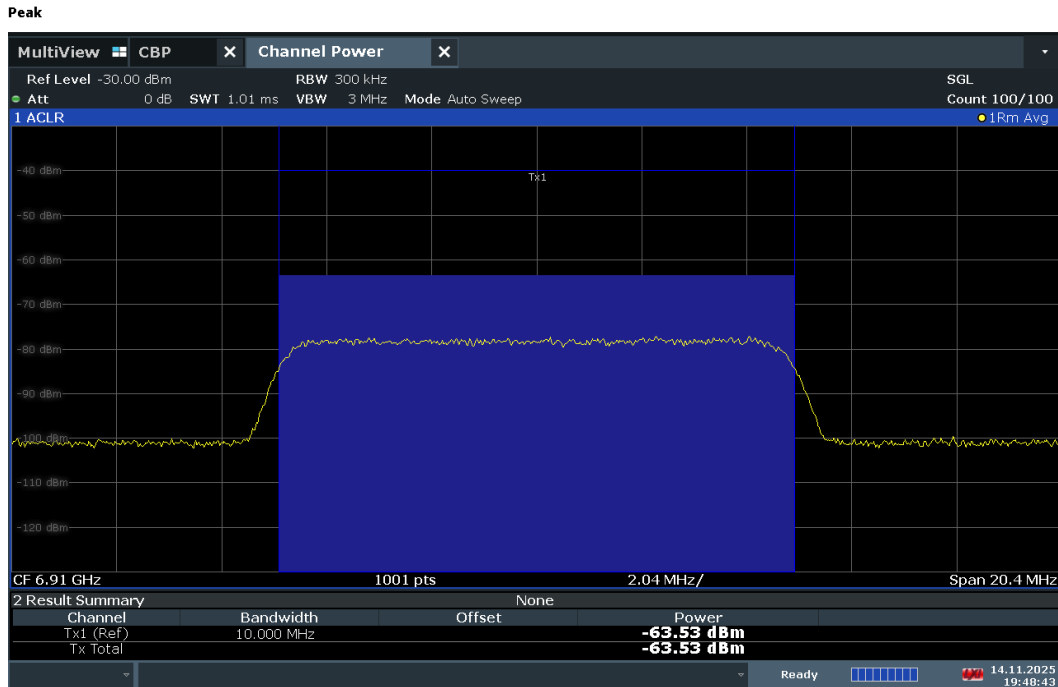
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19:47:30 14.11.2025

Plot 7-254. Channel Power – UNII 8 – 20MHz



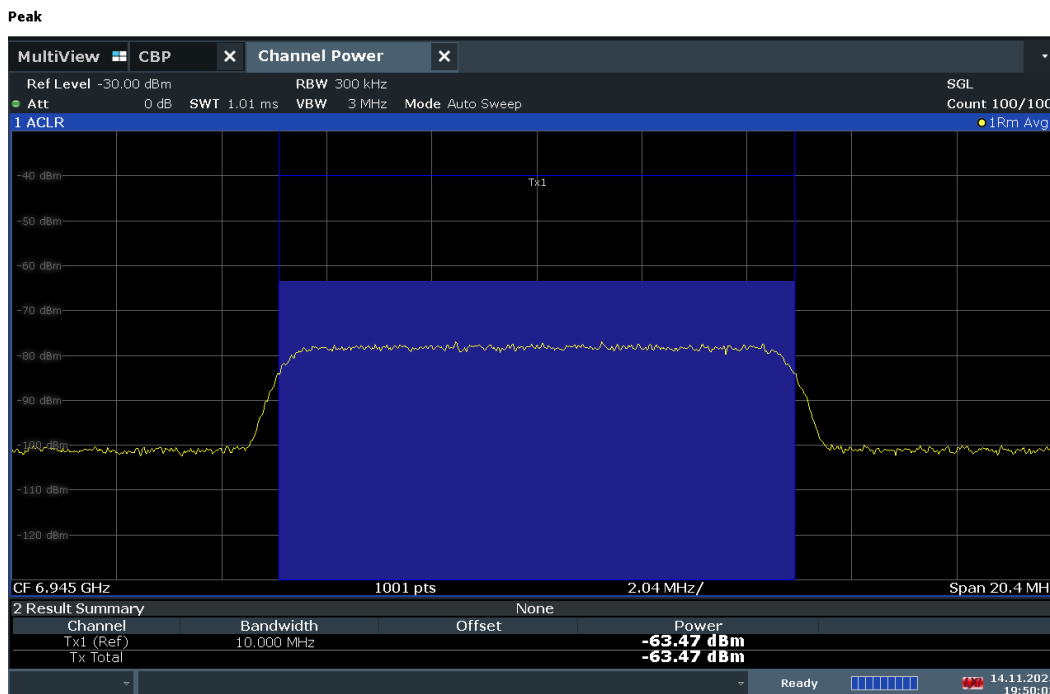
19:48:43 14.11.2025

Plot 7-255. Channel Power – UNII 8 – 80MHz - Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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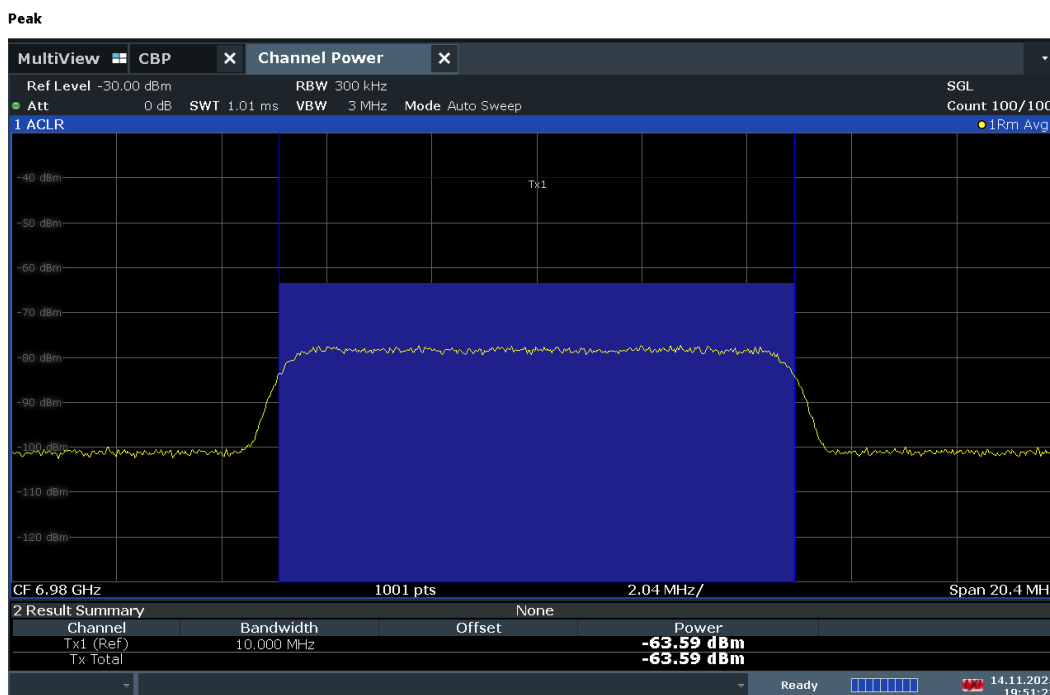
V 12.0 03/03/2026

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19:50:03 14.11.2025

Plot 7-256. Channel Power – UNII 8 – 80MHz – Mid



19:51:22 14.11.2025

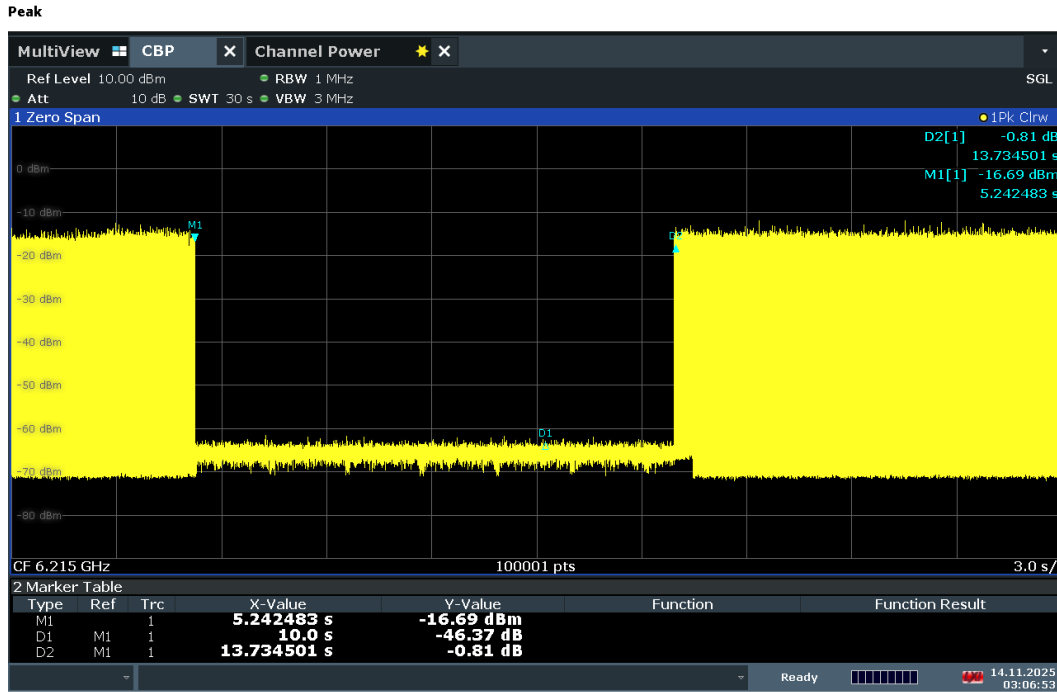
Plot 7-257. Channel Power – UNII 8 – 80MHz - High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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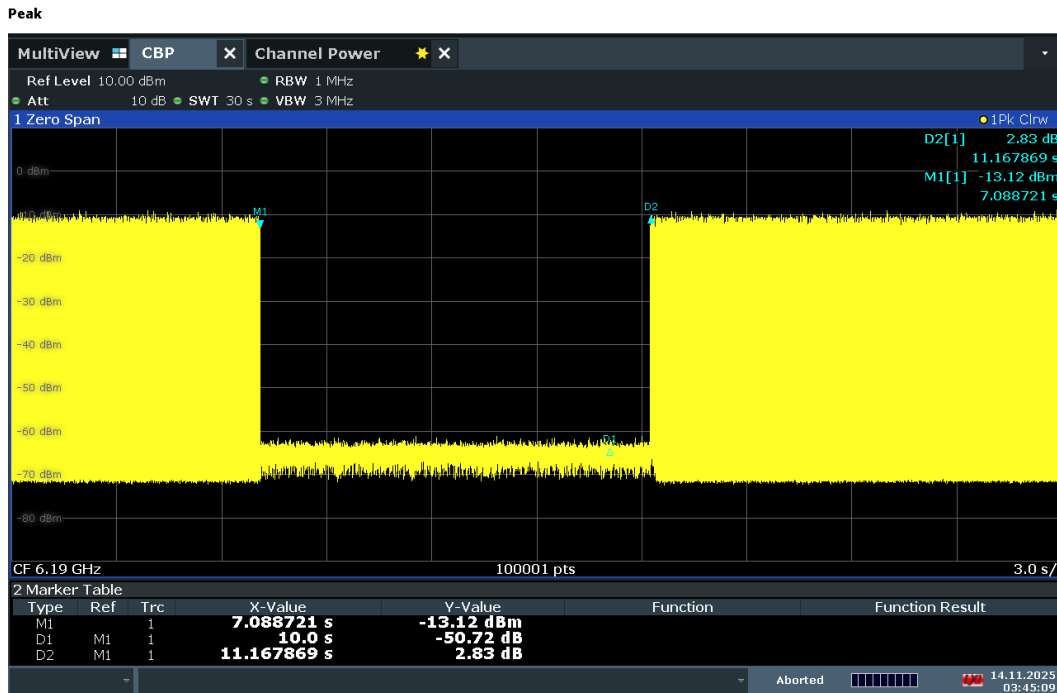
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## Contention-Based Protocol Timing Plots



03:06:53 14.11.2025

Plot 7-258. Contention Based Protocol Timing Plot – UNII 5 – 20MHz Channel 53



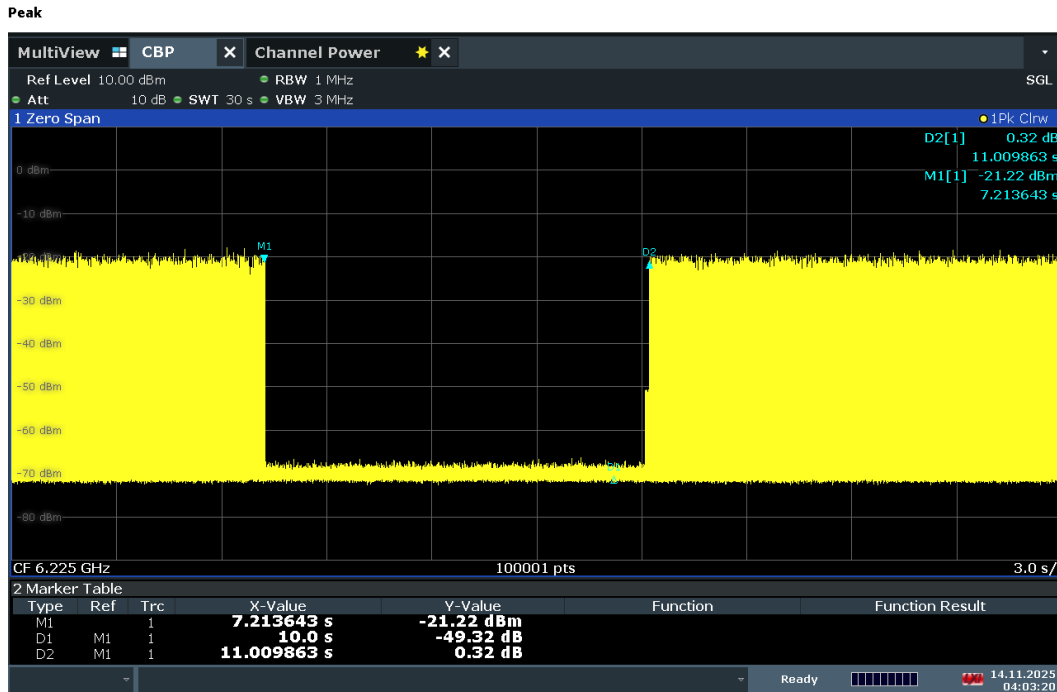
03:45:10 14.11.2025

Plot 7-259. Contention Based Protocol Timing Plot – UNII 5 – 80MHz Channel 55 – Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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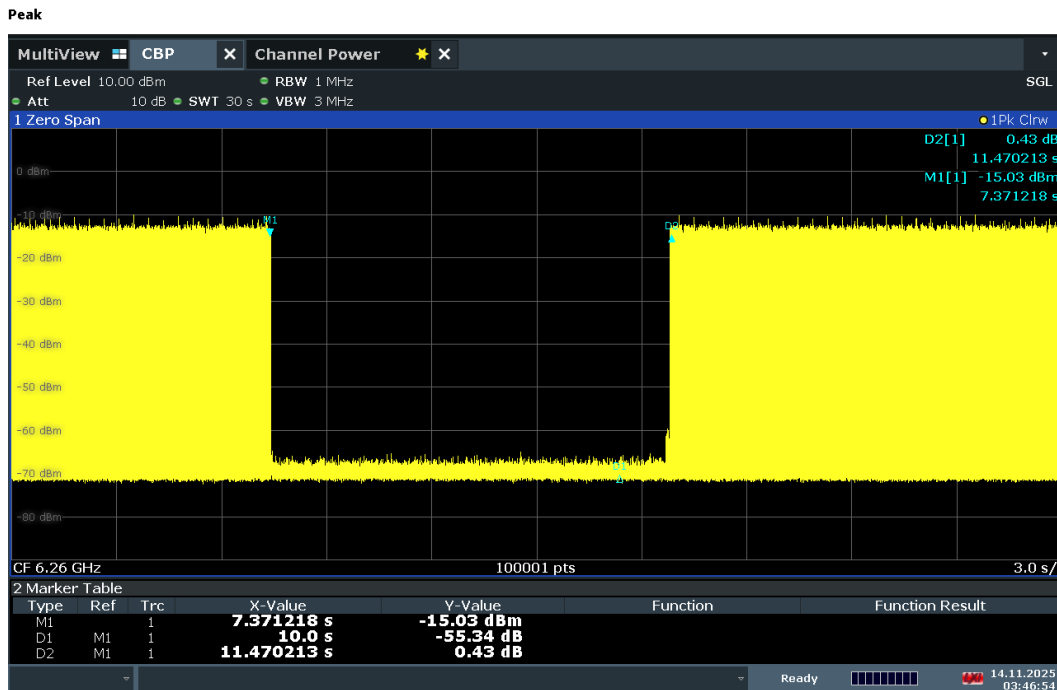
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04:03:20 14.11.2025

Plot 7-260. Contention Based Protocol Timing Plot –UNII 5 – 80MHz Channel 55 – Mid

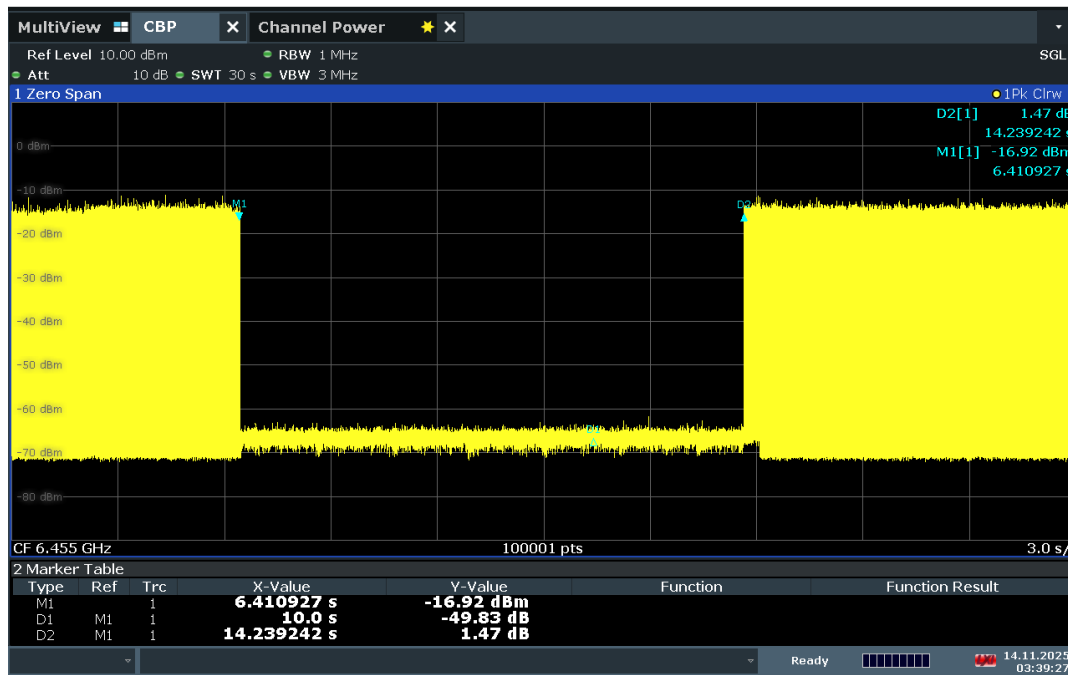


03:46:54 14.11.2025

Plot 7-261. Contention Based Protocol Timing Plot – UNII 5 – 80MHz Channel 55 – High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 115 of 189                   |

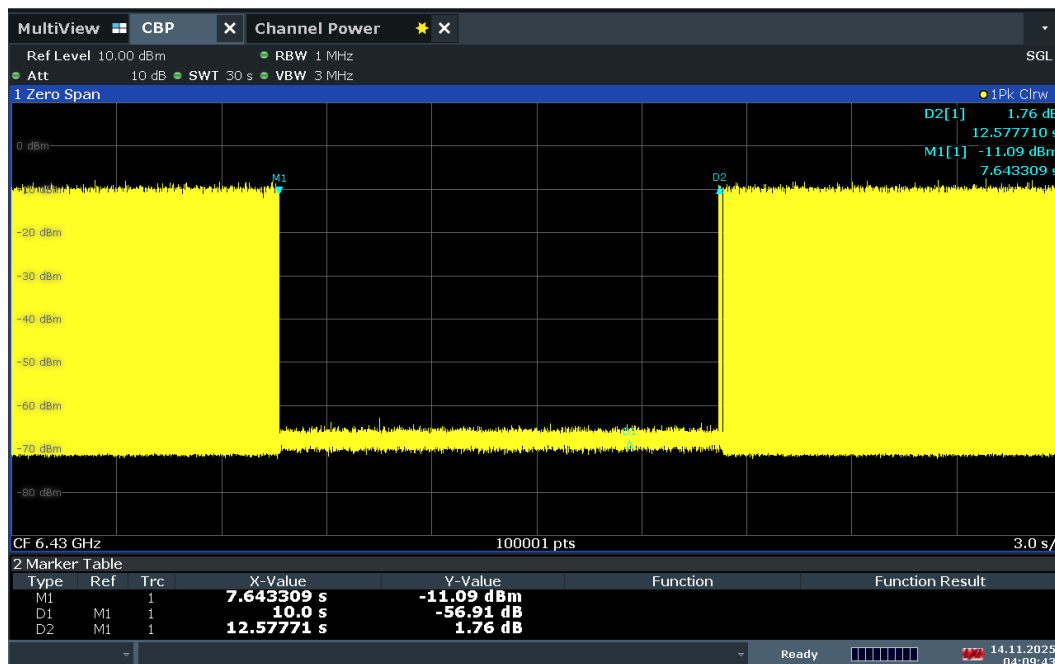
Peak



03:39:27 14.11.2025

Plot 7-262. Contention Based Protocol Timing Plot – UNII 6 – 20MHz Channel 101

Peak



04:09:44 14.11.2025

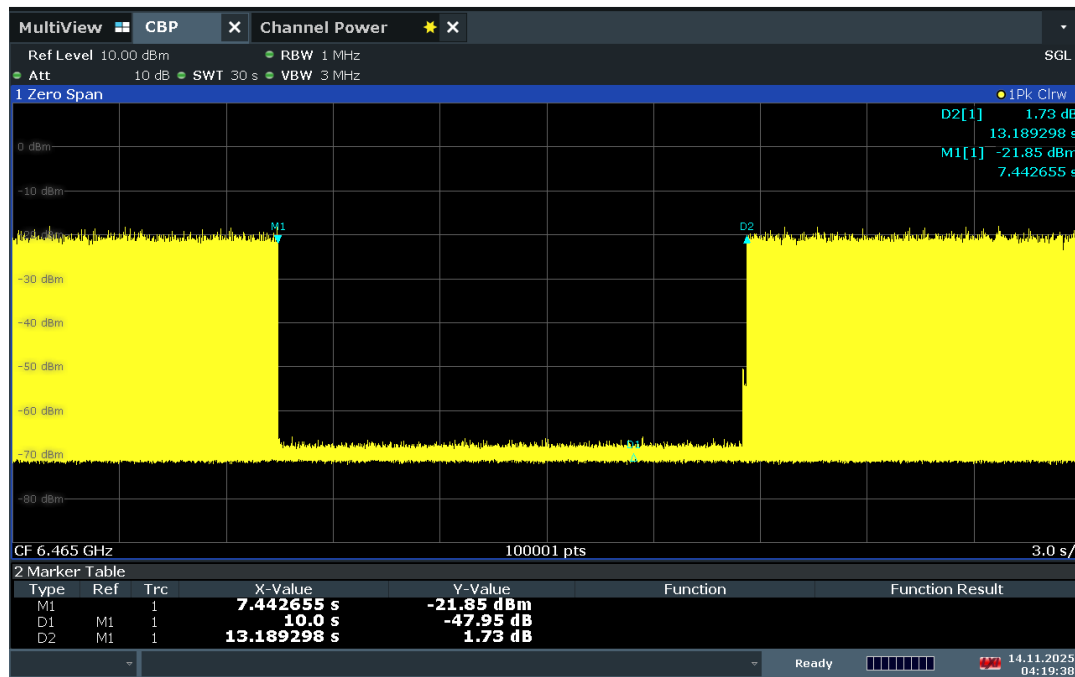
Plot 7-263. Contention Based Protocol Timing Plot – UNII 6 – 80MHz Channel 111 – Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 116 of 189                   |

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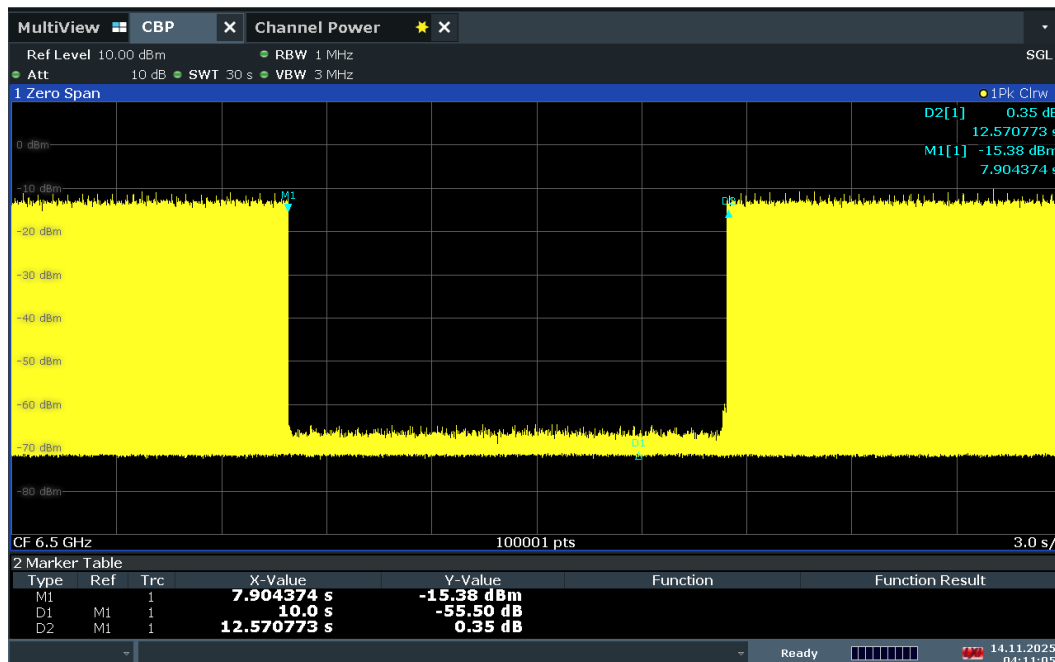
Peak



04:19:38 14.11.2025

Plot 7-264. Contention Based Protocol Timing Plot – UNII 6 – 80MHz Channel 111 – Mid

Peak



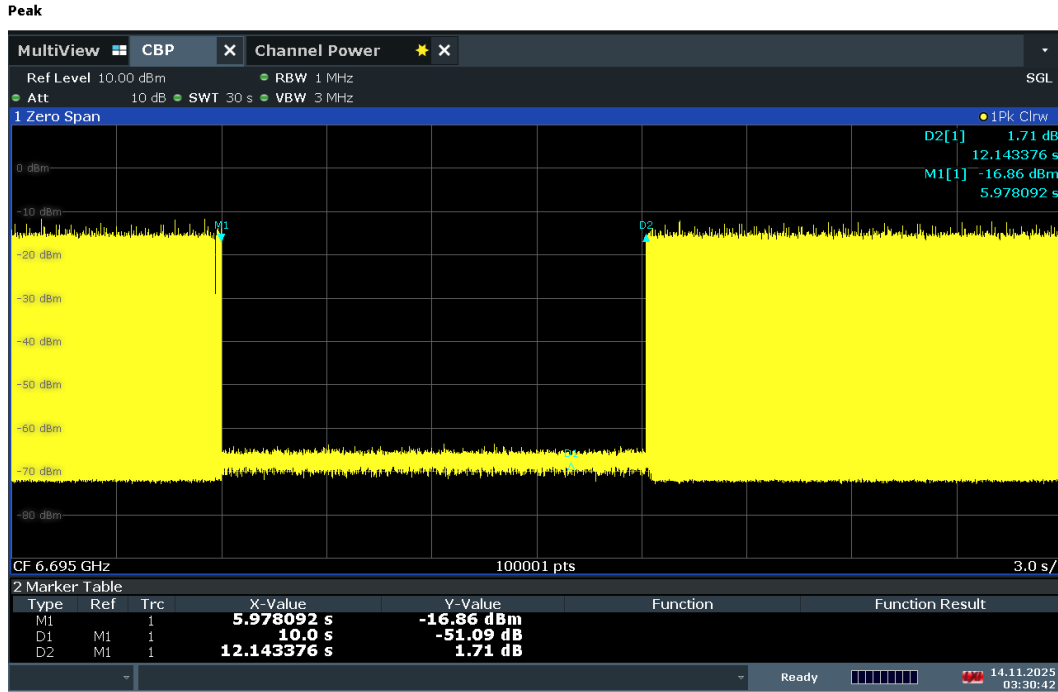
04:11:06 14.11.2025

Plot 7-265. Contention Based Protocol Timing Plot – UNII 6 – 80MHz Channel 111 – High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 117 of 189                   |

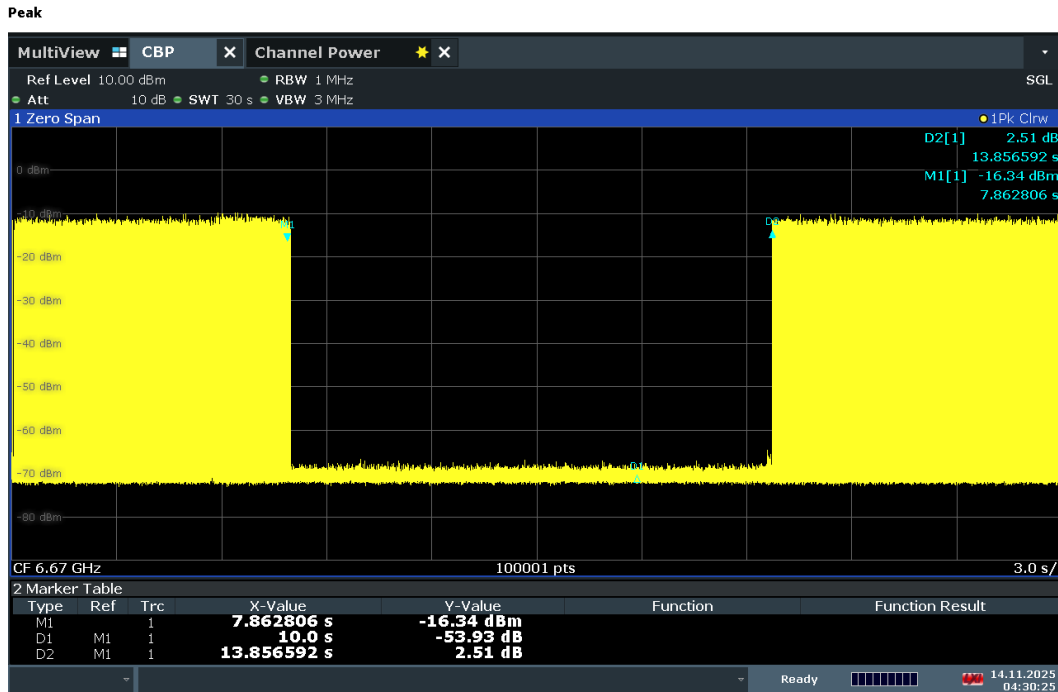
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03:30:42 14.11.2025

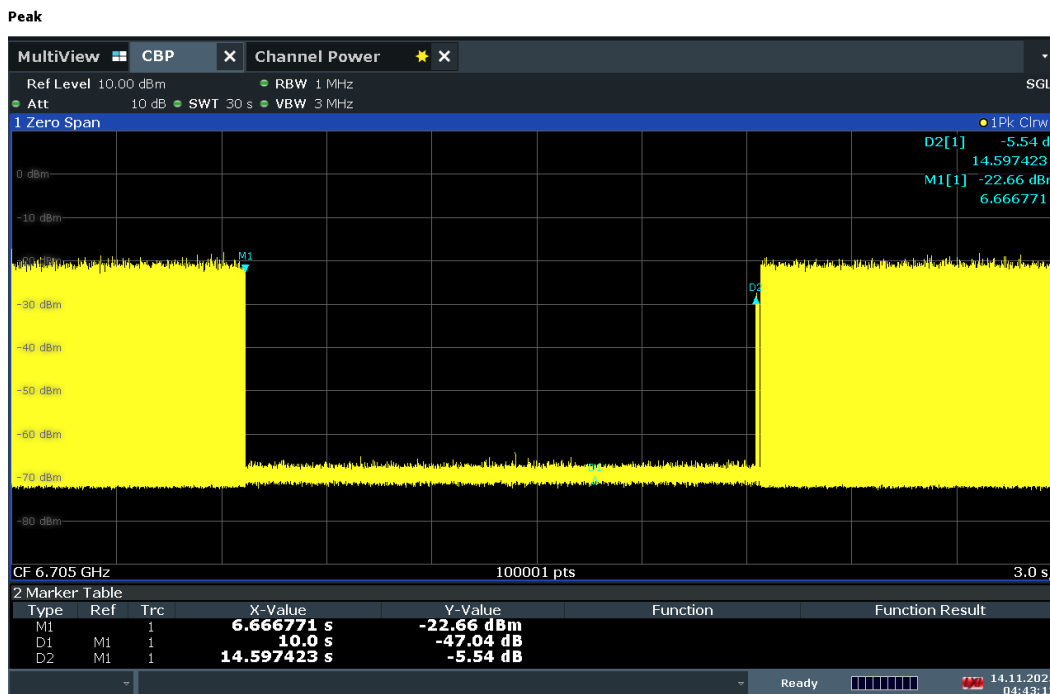
Plot 7-266. Contention Based Protocol Timing Plot – UNII 7 – 20MHz Channel 149



04:30:26 14.11.2025

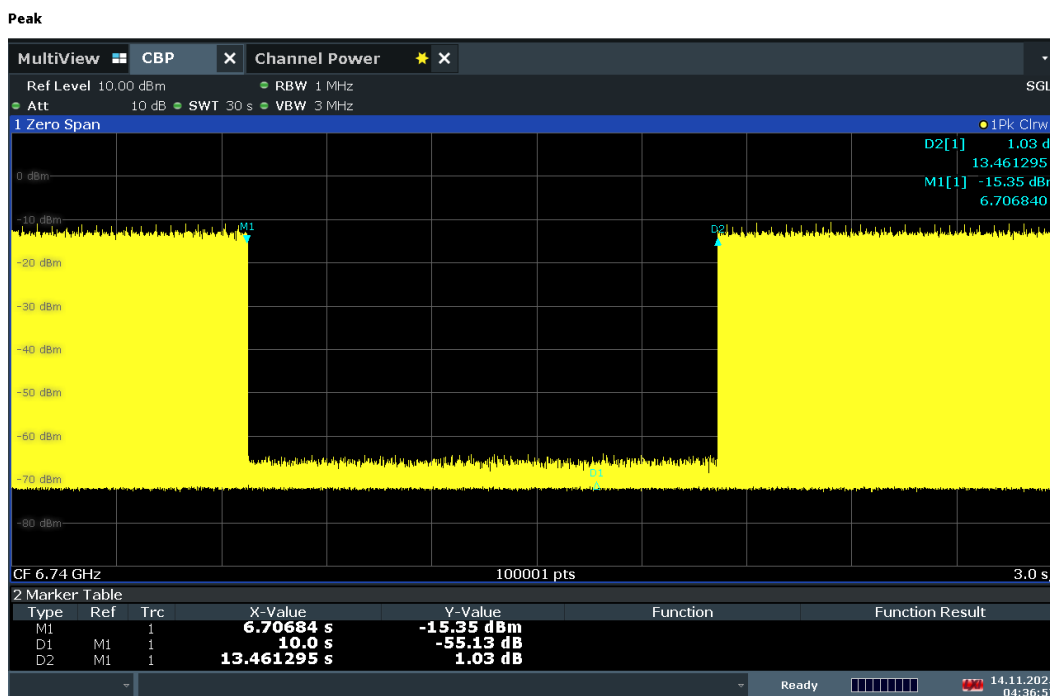
Plot 7-267. Contention Based Protocol Timing Plot – UNII 7 – 80MHz Channel 143 – Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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04:43:12 14.11.2025

Plot 7-268. Contention Based Protocol Timing Plot – UNII 7 – 80MHz Channel 143 – Mid



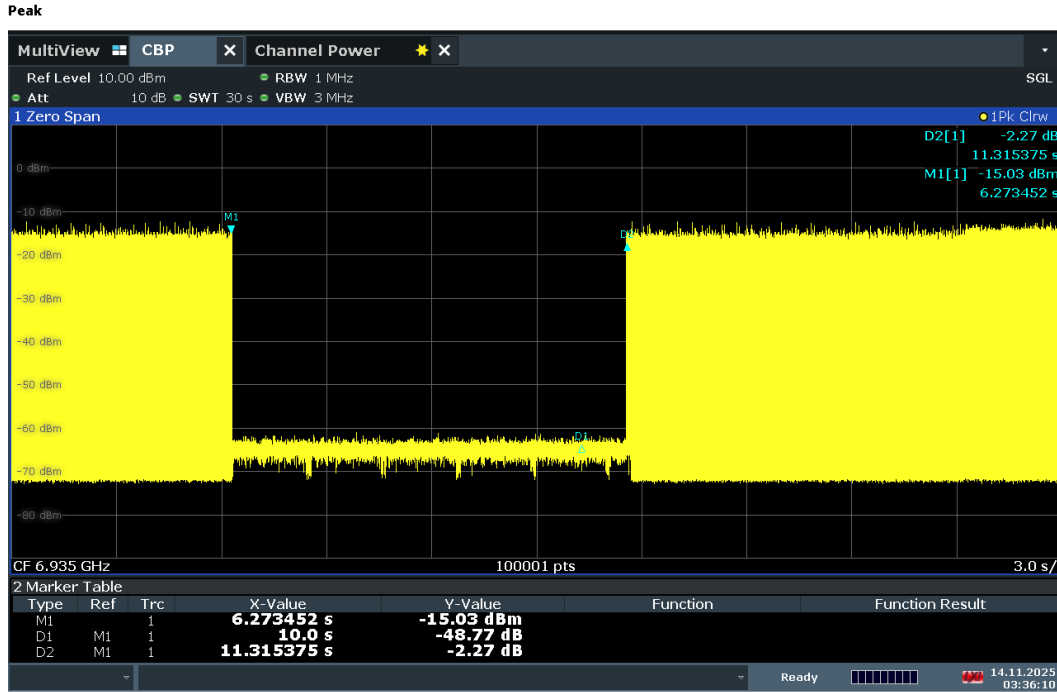
04:36:58 14.11.2025

Plot 7-269. Contention Based Protocol Timing Plot – UNII 7 – 80MHz Channel 143 – High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 119 of 189                   |

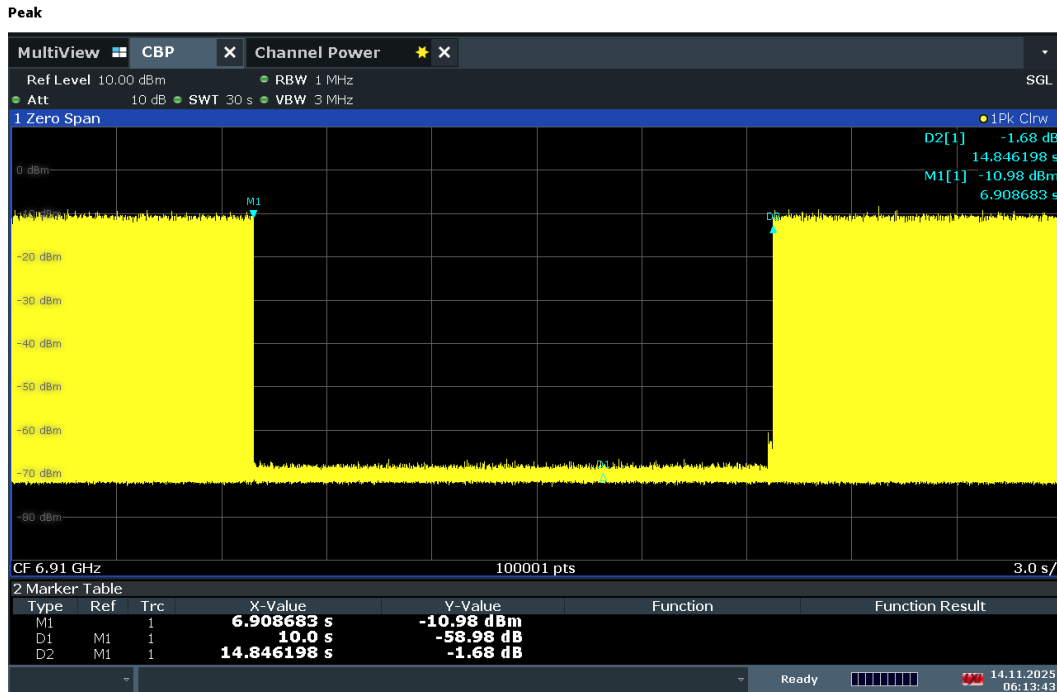
V 12.0 03/03/2026

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03:36:10 14.11.2025

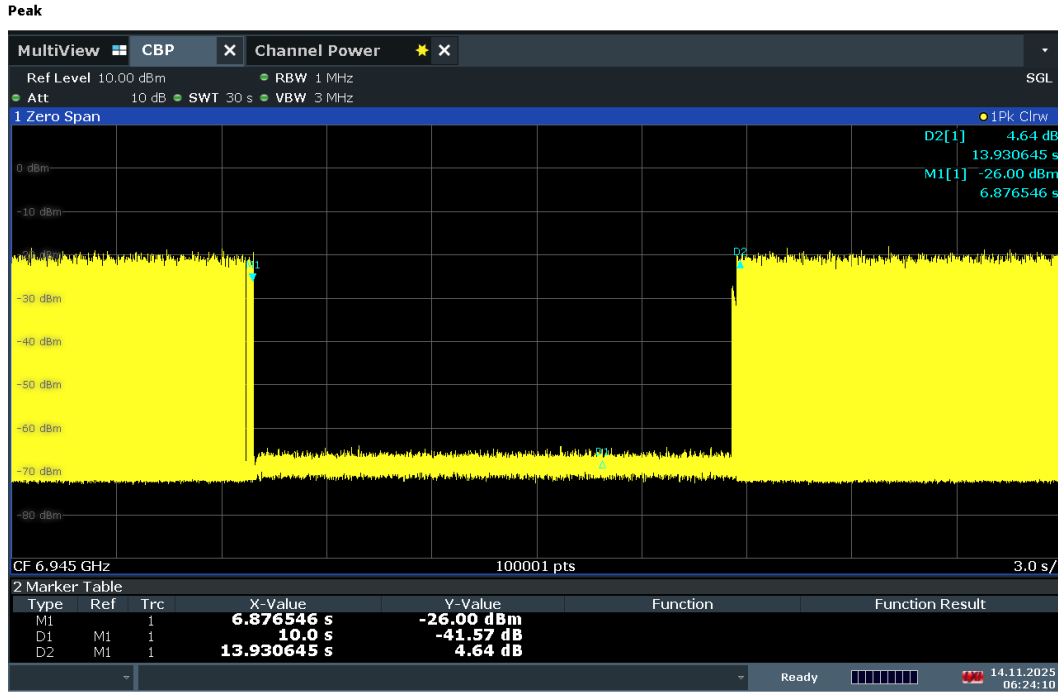
Plot 7-270. Contention Based Protocol Timing Plot – UNII 8 – 20MHz Channel 197



06:13:44 14.11.2025

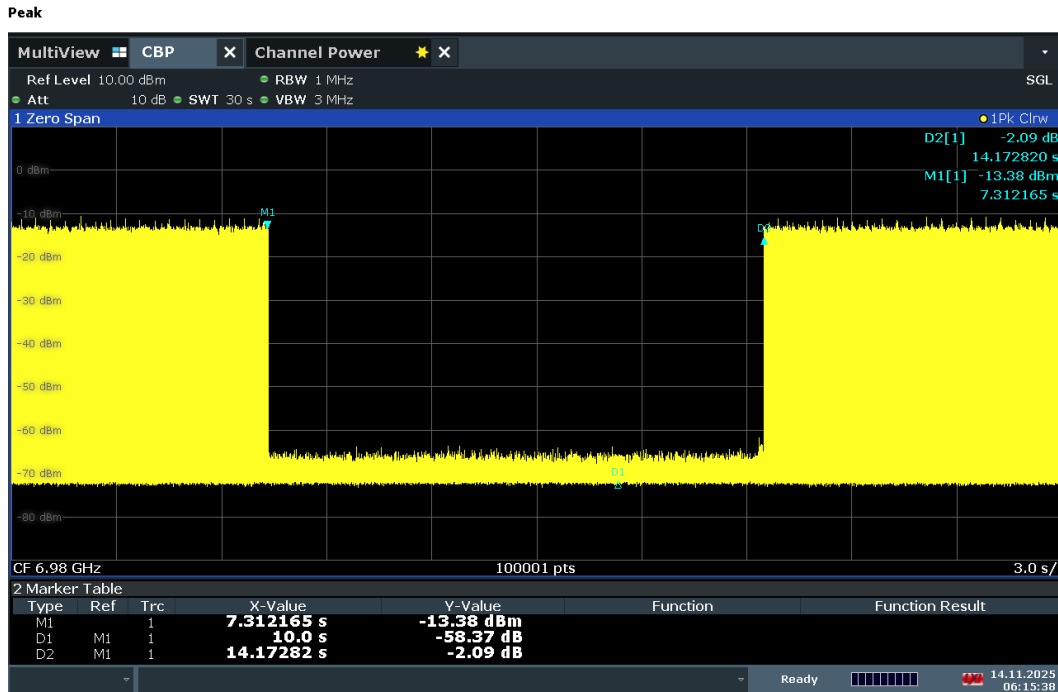
Plot 7-271. Contention Based Protocol Timing Plot – UNII 8 – 80MHz Channel 207 – Low

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 120 of 189                   |



06:24:11 14.11.2025

Plot 7-272. Contention Based Protocol Timing Plot – UNII 8 – 80MHz Channel 207 – Mid



06:15:38 14.11.2025

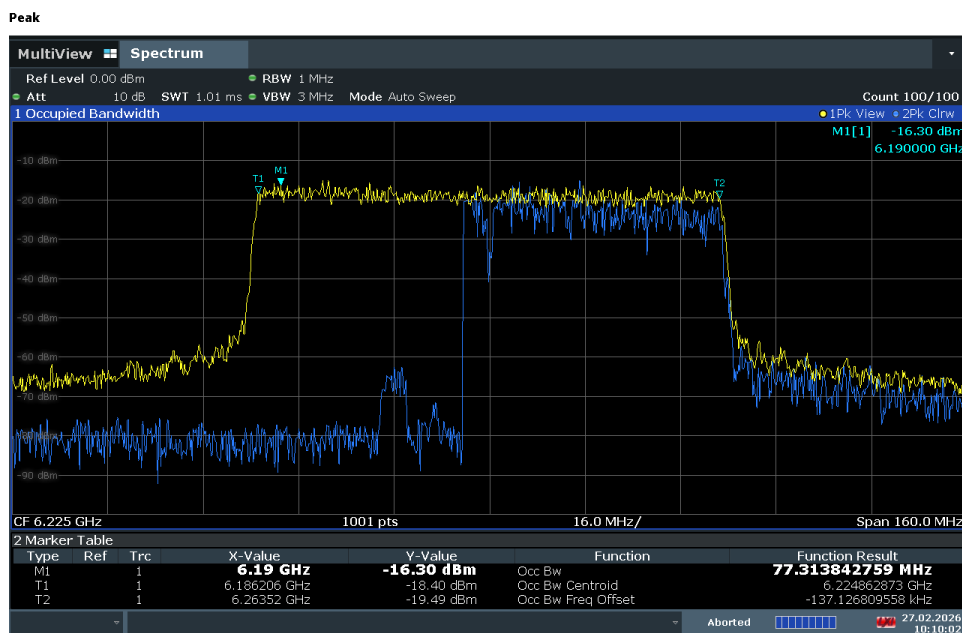
Plot 7-273. Contention Based Protocol Timing Plot – UNII 8 – 80MHz Channel 207 – High

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 121 of 189                   |

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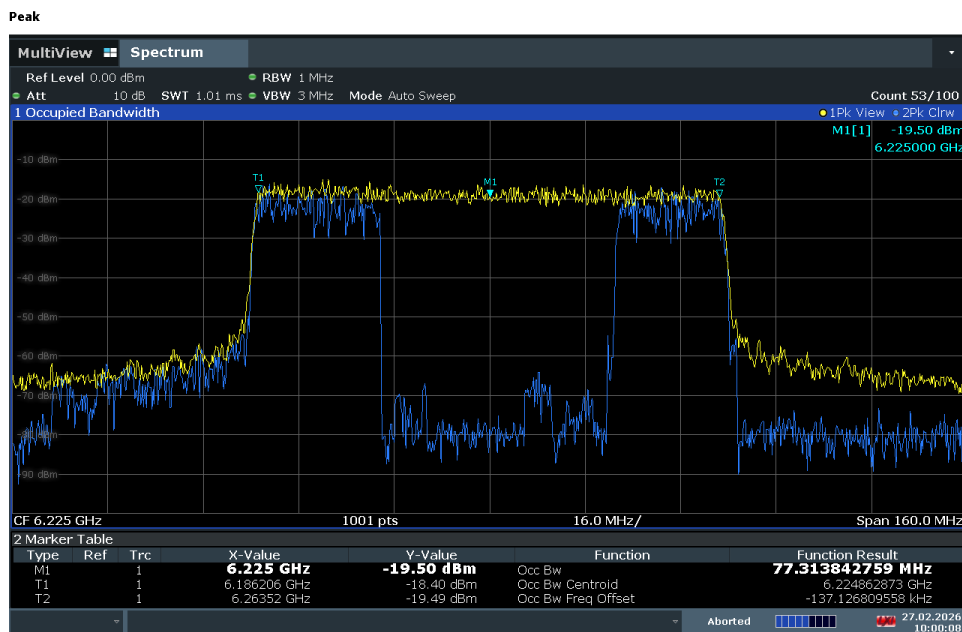
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## CBP Bandwidth Reduction Plots



10:10:03 27.02.2026

Plot 7-274. 80MHz Bandwidth, AWGN Signal Injected – 6190MHz



10:00:08 27.02.2026

Plot 7-275. 80MHz Bandwidth, AWGN Signal Injected – 6225MHz

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 122 of 189                   |

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10:02:50 27.02.2026

Plot 7-276. 80MHz Bandwidth, AWGN Signal Injected – 6260MHz

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 123 of 189                   |

## 7.7 Radiated Spurious Emissions – Above 1GHz

### 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 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024. ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 789033 D02 v02r01, and at the appropriate frequencies. 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 (7.4.3) as shown in the table below.***

| Frequency       | Field Strength<br>[ $\mu\text{V/m}$ ] | Measured Distance<br>[Meters] |
|-----------------|---------------------------------------|-------------------------------|
| Above 960.0 MHz | 500                                   | 3                             |

**Table 7-35. Radiated Limits**

### Test Procedures Used

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024. ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Sections 12.7.7, 12.7.6  
KDB 789033 D02 v02r01 – Section G

### Test Settings

#### Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be  $\geq 2 \times \text{span/RBW}$ )
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

#### Peak Field Strength Measurements

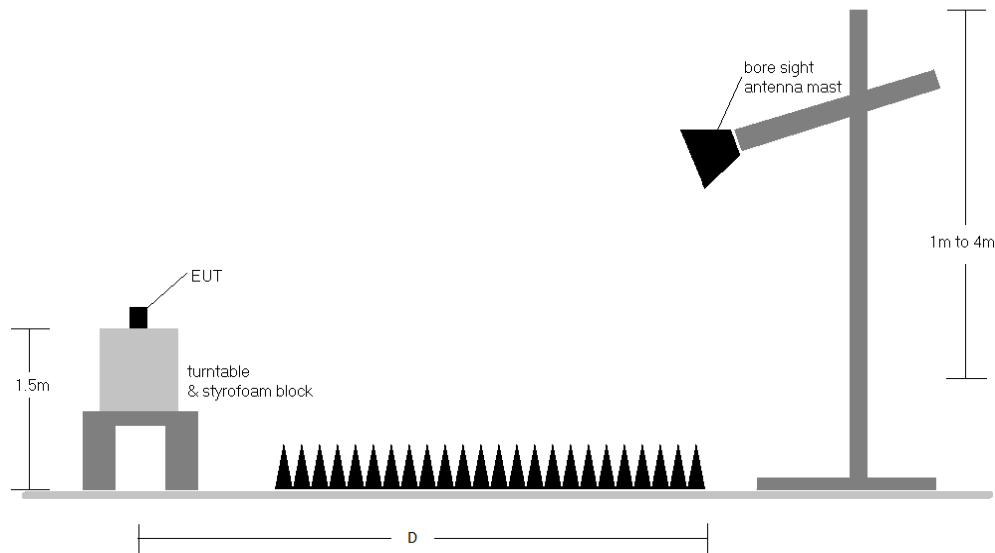
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 124 of 189                   |

7. Trace was allowed to stabilize

**Test Setup**

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



**Figure 7-5. Test Instrument & Measurement Setup**

|                                                   |                                                                                     |                                                                                                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3374<br><b>IC:</b> 579C-A3374  |  | <b>Test Dates:</b><br>05/19/2025 - 03/12/2026                                                                                                                                                                    | <b>EUT Type:</b><br>Smart Speaker | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                                   | Page 125 of 189                          |

## Test Notes

1. All emissions that lie in the restricted bands (denoted by a \* next to the frequency) specified in §15.205 and section 7.5 of RSS-Gen are below the limit shown in Table 7-35.
2. All spurious emissions lying in restricted bands specified in §15.205 and section 7.5 of RSS-Gen are below the limit shown in Table 7-35. 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 $\mu$ 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 $\mu$ V/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through one orthogonal plane.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
5. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
6. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
7. All data rates were investigated and only the worse case is reported
8. The unit was tested with all possible modes and only the highest emission is reported.
9. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
10. All radiated measurements were tested at the highest supported power setting per band.

## Sample Calculations

### Determining Spurious Emissions Levels

- Field Strength Level [dB $\mu$ 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 $\mu$ V/m] – Limit [dB $\mu$ V/m]

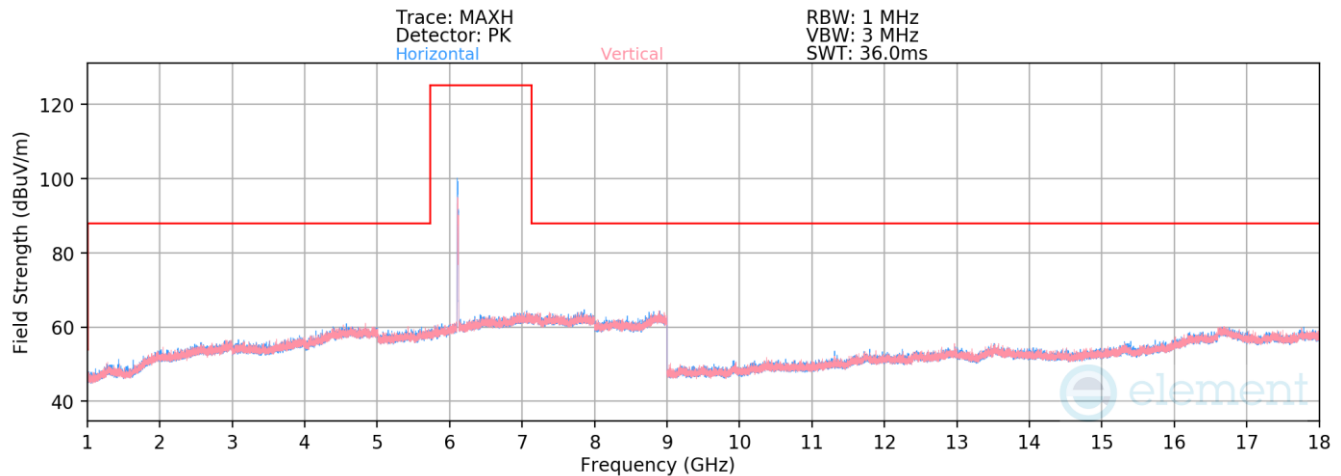
### Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.7.2 to 7.7.10 was calculated using the formula:  
Offset (dB) = (Antenna Factor + Cable Loss + Attenuator) – Preamplifier Gain

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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## 7.7.1 SDM Radiated Spurious Emission

### RU106



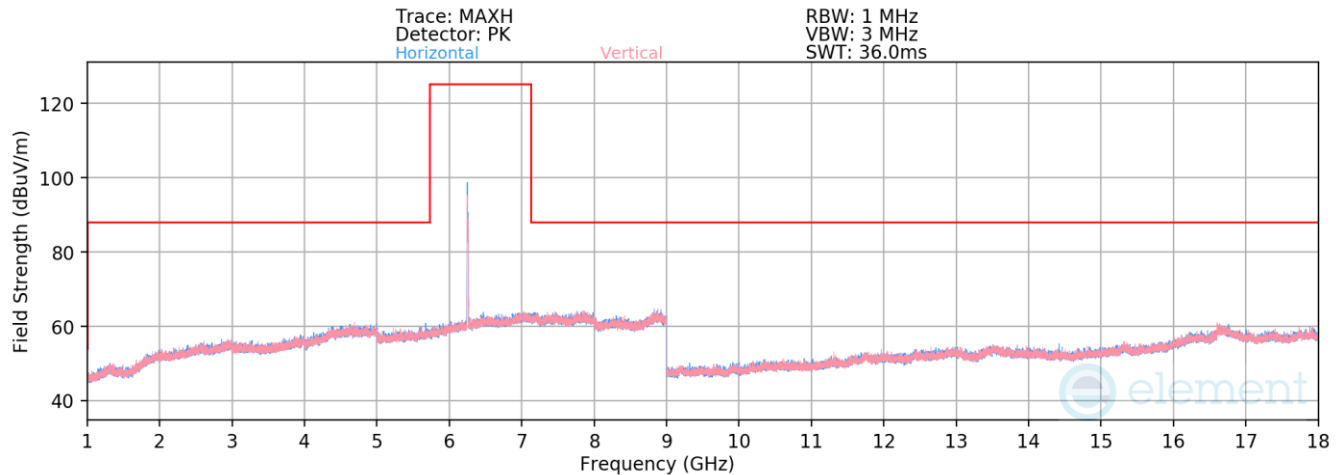
**Plot 7-277. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 33 – RU106)**

|                           |          |
|---------------------------|----------|
| Mode:                     | 802.11ax |
| Data Rate:                | MCS0     |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 6115MHz  |
| Channel:                  | 33       |

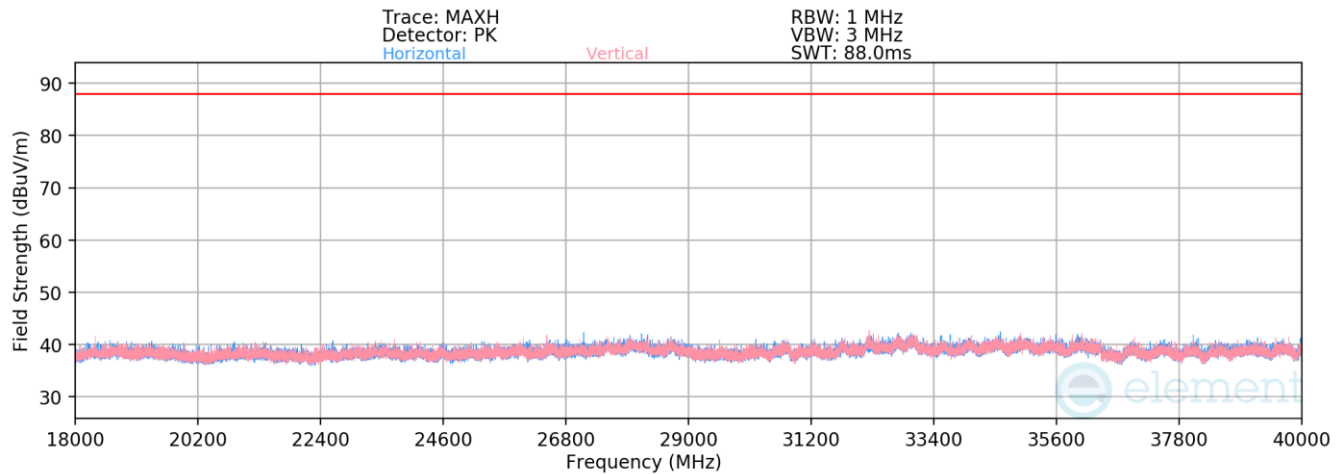
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12230.00      | Average  | H               | -                   | -                          | -82.65               | 17.36       | 41.70                   | 53.98          | -12.28      |
| * 12230.00      | Peak     | H               | -                   | -                          | -71.27               | 17.36       | 53.08                   | 73.98          | -20.90      |

**Table 7-36. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 127 of 189                   |



**Plot 7-278. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 61 – RU106)**



**Plot 7-279. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 61 – RU106)**

Mode: 802.11ax

Data Rate: MCS0

Distance of Measurements: 3 Meters

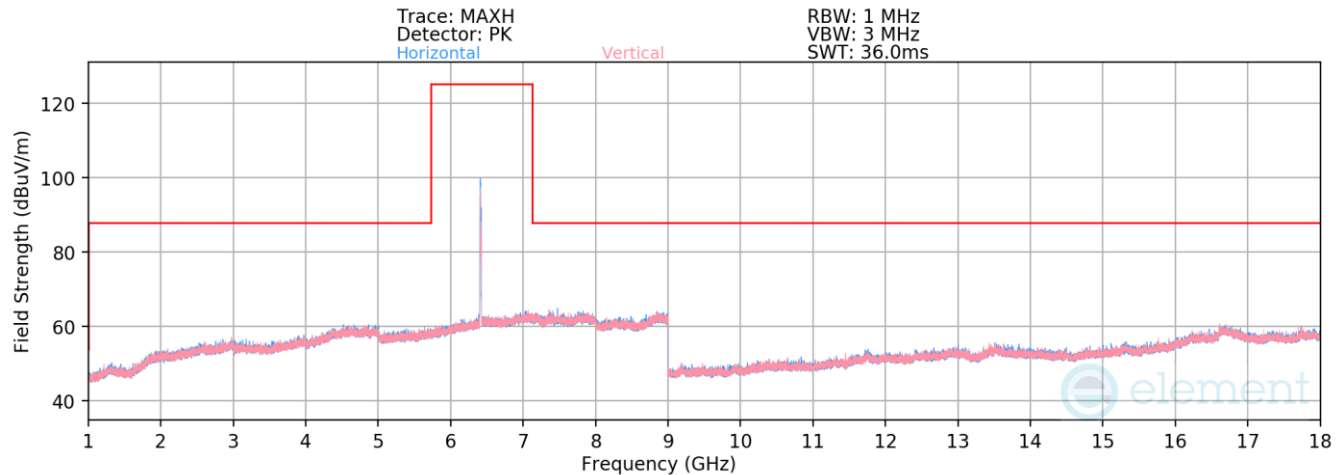
Operating Frequency: 6255MHz

Channel: 61

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 12510.00      | Average  | H               | -                   | -                          | -82.80               | 17.82       | 0.00                            | 42.01                   | 53.98          | -11.97      |
| * 12510.00      | Peak     | H               | -                   | -                          | -71.01               | 17.82       | 0.00                            | 53.80                   | 73.98          | -20.18      |
| * 18765.00      | Average  | H               | -                   | -                          | -62.67               | -5.55       | -9.54                           | 29.24                   | 53.98          | -24.74      |
| * 18765.00      | Peak     | H               | -                   | -                          | -51.27               | -5.55       | -9.54                           | 40.64                   | 73.98          | -33.34      |
| 25020.00        | Average  | H               | -                   | -                          | -61.84               | -5.94       | -9.54                           | 29.68                   | 68.23          | -38.55      |
| 25020.00        | Peak     | H               | -                   | -                          | -50.92               | -5.94       | -9.54                           | 40.61                   | 88.23          | -47.62      |
| * 31275.00      | Average  | H               | -                   | -                          | -63.32               | -4.42       | -9.54                           | 29.72                   | 53.98          | -24.26      |
| * 31275.00      | Peak     | H               | -                   | -                          | -51.84               | -4.42       | -9.54                           | 41.19                   | 73.98          | -32.79      |
| 37530.00        | Average  | H               | -                   | -                          | -62.28               | -4.29       | -9.54                           | 30.89                   | 68.23          | -37.34      |
| 37530.00        | Peak     | H               | -                   | -                          | -51.34               | -4.29       | -9.54                           | 41.83                   | 88.23          | -46.40      |

**Table 7-37. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 128 of 189                   |



**Plot 7-280. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 93 – RU106)**

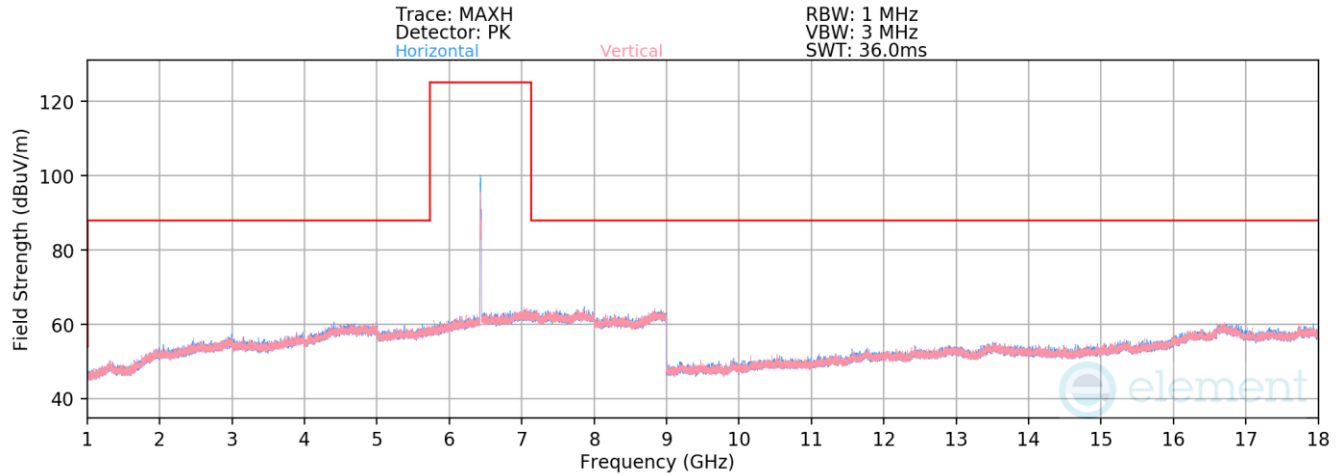
Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6415MHz  
Channel: 93

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12830.00        | Average  | H               | -                   | -                          | -82.89               | 18.23       | 42.33                   | 68.23          | -25.90      |
| 12830.00        | Peak     | H               | -                   | -                          | -71.39               | 18.23       | 53.84                   | 88.23          | -34.39      |

**Table 7-38. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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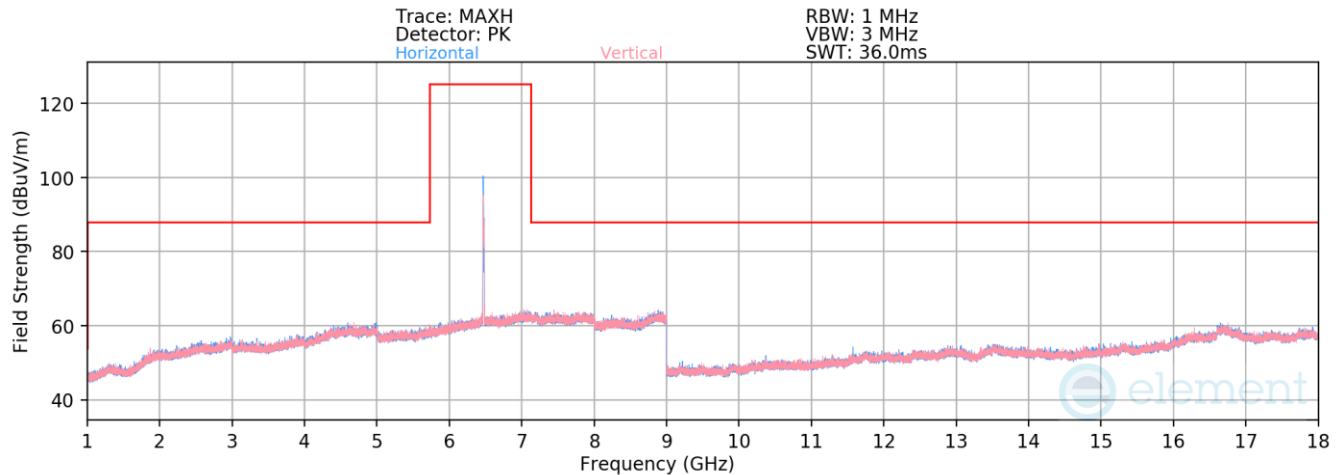
**Plot 7-281. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 97 – RU106)**

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

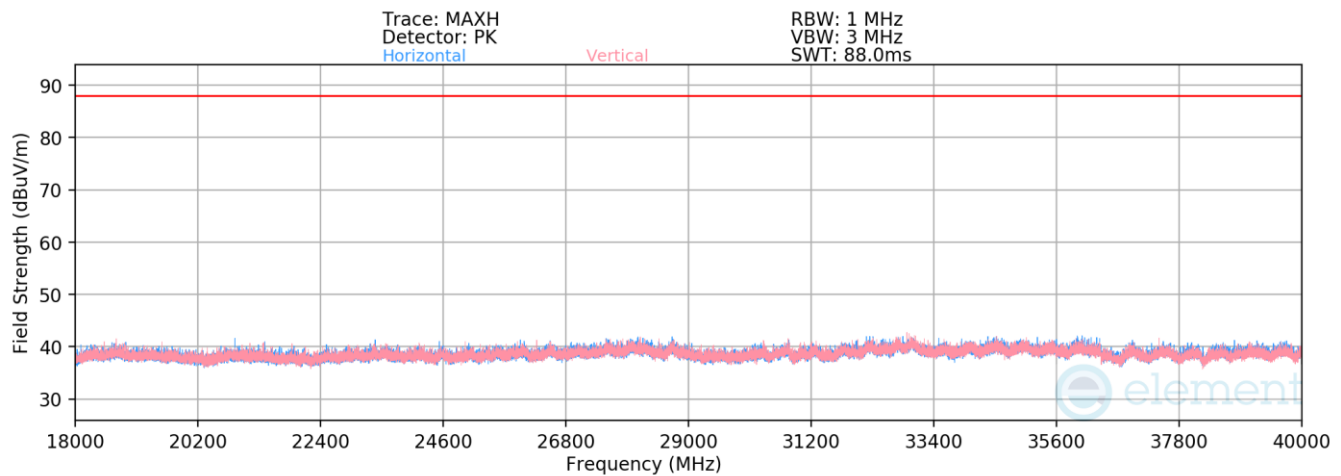
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12870.00        | Average  | V               | -                   | -                          | -82.50               | 18.40       | 42.90                   | 68.23          | -25.33      |
| 12870.00        | Peak     | V               | -                   | -                          | -71.26               | 18.40       | 54.14                   | 88.23          | -34.09      |

**Table 7-39. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
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**Plot 7-282. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 105 – RU106)**



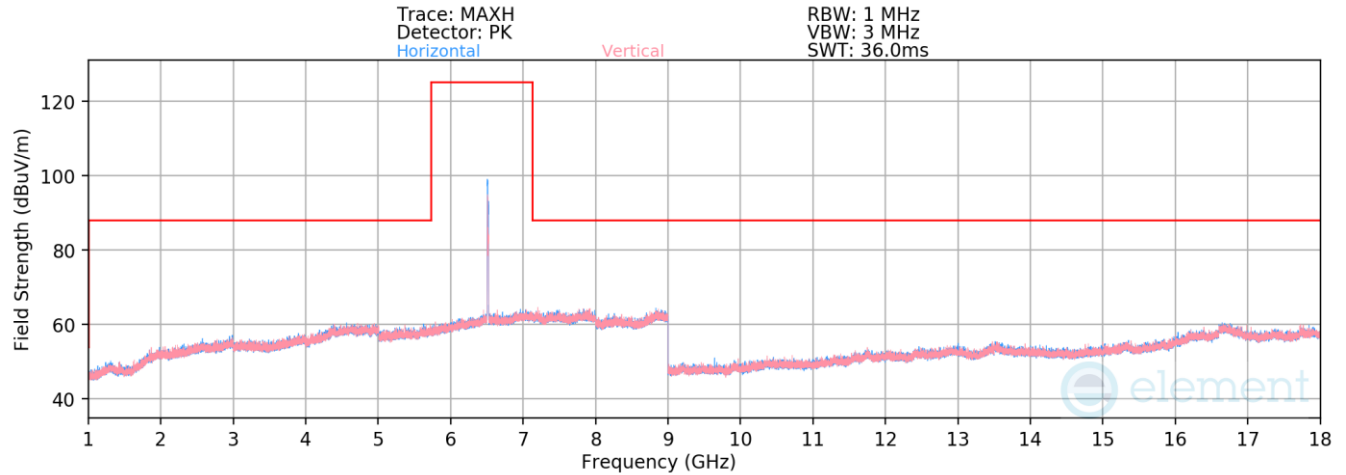
**Plot 7-283. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 105 – RU106)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6475MHz  
Channel: 105

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 12950.00        | Average  | V               | -                   | -                          | -82.46               | 18.49       | 0.00                            | 43.03                   | 68.23          | -25.20      |
| 12950.00        | Peak     | V               | -                   | -                          | -70.76               | 18.49       | 0.00                            | 54.74                   | 88.23          | -33.49      |
| 19425.00        | Average  | V               | -                   | -                          | -62.04               | -5.75       | -9.54                           | 29.68                   | 53.98          | -24.30      |
| 19425.00        | Peak     | V               | -                   | -                          | -50.11               | -5.75       | -9.54                           | 41.61                   | 73.98          | -32.37      |
| 25900.00        | Average  | V               | -                   | -                          | -61.40               | -5.81       | -9.54                           | 30.25                   | 68.23          | -37.98      |
| 25900.00        | Peak     | V               | -                   | -                          | -50.47               | -5.81       | -9.54                           | 41.18                   | 88.23          | -47.05      |
| 32375.00        | Average  | V               | -                   | -                          | -62.67               | -3.76       | -9.54                           | 31.03                   | 68.23          | -37.20      |
| 32375.00        | Peak     | V               | -                   | -                          | -51.42               | -3.76       | -9.54                           | 42.28                   | 88.23          | -45.95      |
| 38850.00        | Average  | V               | -                   | -                          | -63.82               | -3.75       | -9.54                           | 29.90                   | 53.98          | -24.08      |
| 38850.00        | Peak     | V               | -                   | -                          | -53.05               | -3.75       | -9.54                           | 40.66                   | 73.98          | -33.32      |

**Table 7-40. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 131 of 189                   |



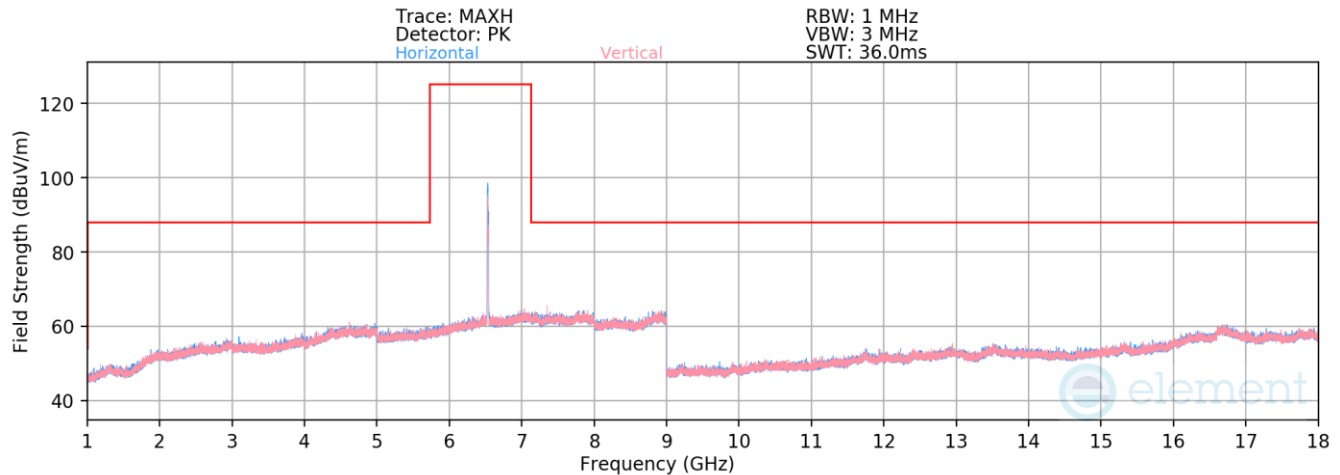
**Plot 7-284. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 113 – RU106)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6515MHz  
Channel: 113

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 13030.00        | Average  | H               | -                   | -                          | -82.99               | 18.55       | 42.55                   | 68.23          | -25.68      |
| 13030.00        | Peak     | H               | -                   | -                          | -71.30               | 18.55       | 54.25                   | 88.23          | -33.98      |

**Table 7-41. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 132 of 189                   |



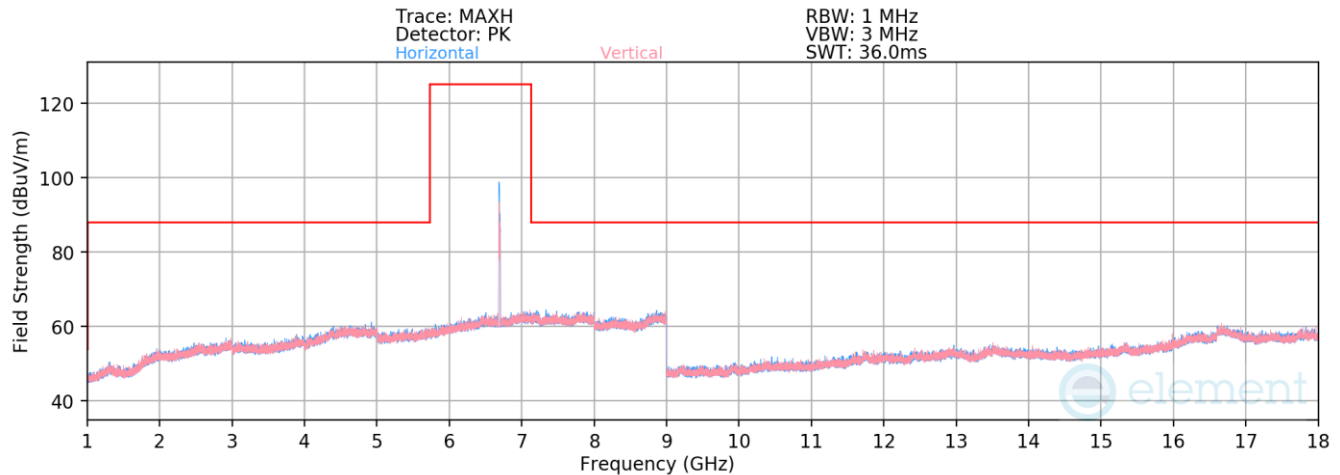
**Plot 7-285. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 117 – RU106)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6535MHz  
Channel: 117

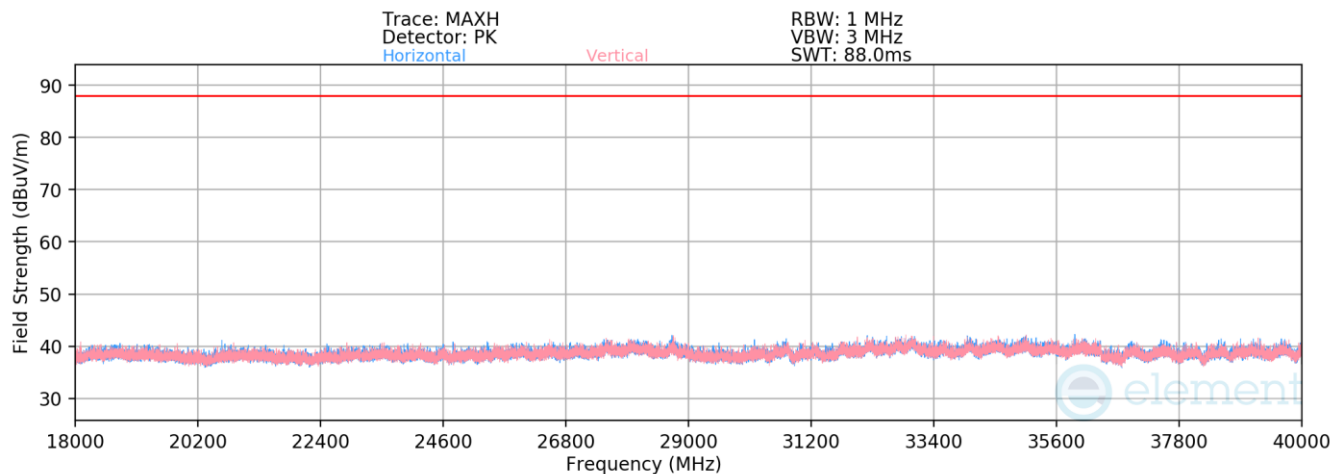
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 13070.00        | Average  | V               | -                   | -                          | -83.03               | 18.77       | 42.74                   | 68.23          | -25.49      |
| 13070.00        | Peak     | V               | -                   | -                          | -71.34               | 18.77       | 54.43                   | 88.23          | -33.80      |

**Table 7-42. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 133 of 189                   |



**Plot 7-286. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 149 – RU106)**



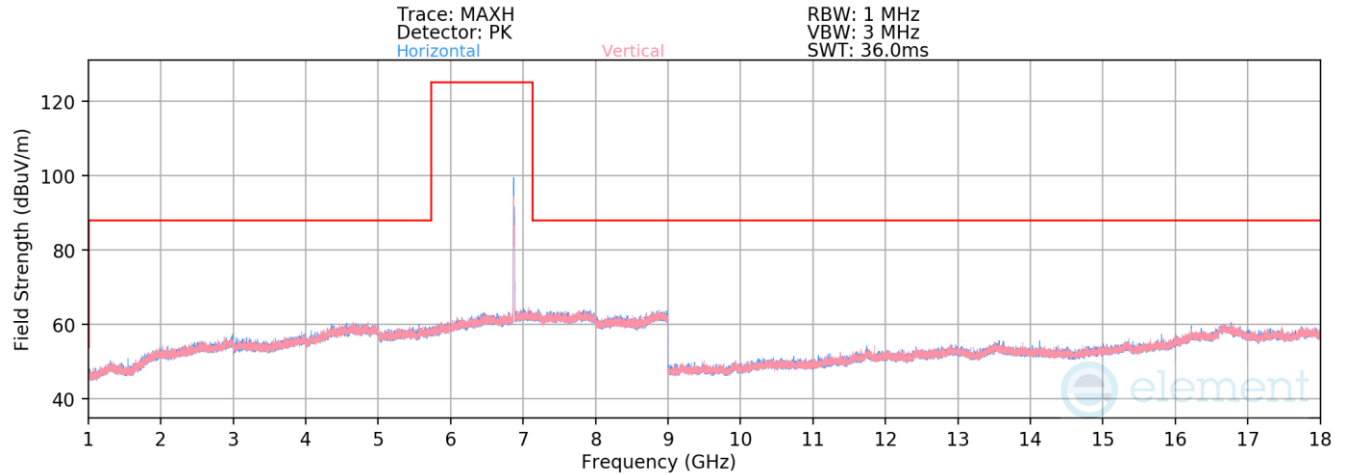
**Plot 7-287. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 149 – RU106)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6695MHz  
Channel: 149

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 13390.00      | Average  | V               | -                   | -                          | -83.16               | 18.60       | 0.00                            | 42.44                   | 53.98          | -11.54      |
| * 13390.00      | Peak     | V               | -                   | -                          | -72.05               | 18.60       | 0.00                            | 53.55                   | 73.98          | -20.43      |
| * 20085.00      | Average  | V               | -                   | -                          | -62.27               | -6.32       | -9.54                           | 28.87                   | 73.98          | -45.11      |
| * 20085.00      | Peak     | V               | -                   | -                          | -50.88               | -6.32       | -9.54                           | 40.26                   | 53.98          | -13.72      |
| 26780.00        | Average  | V               | -                   | -                          | -61.91               | -5.86       | -9.54                           | 29.69                   | 68.23          | -38.54      |
| 26780.00        | Peak     | V               | -                   | -                          | -50.25               | -5.86       | -9.54                           | 41.35                   | 88.23          | -46.88      |
| 33475.00        | Average  | V               | -                   | -                          | -61.03               | -4.33       | -9.54                           | 32.10                   | 68.23          | -36.13      |
| 33475.00        | Peak     | V               | -                   | -                          | -49.10               | -4.33       | -9.54                           | 44.03                   | 88.23          | -44.20      |

**Table 7-43. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 134 of 189                   |



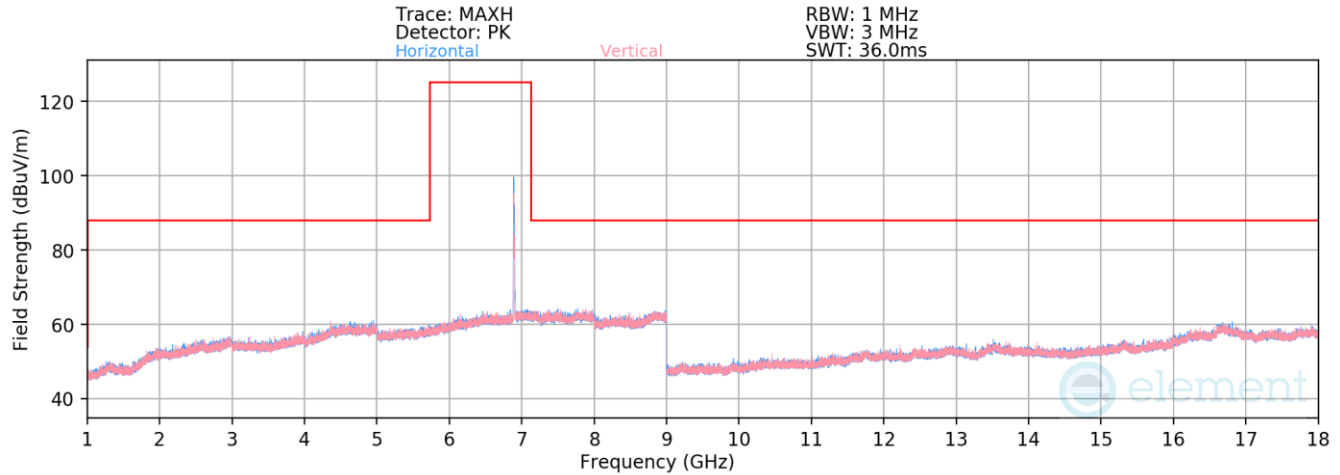
**Plot 7-288. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 185 – RU106)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6875MHz  
Channel: 185

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 13710.00        | Average  | H               | -                   | -                          | -81.95               | 18.54       | 43.60                   | 68.23          | -24.63      |
| 13710.00        | Peak     | H               | -                   | -                          | -71.12               | 18.54       | 54.42                   | 88.23          | -33.81      |

**Table 7-44. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 135 of 189                   |



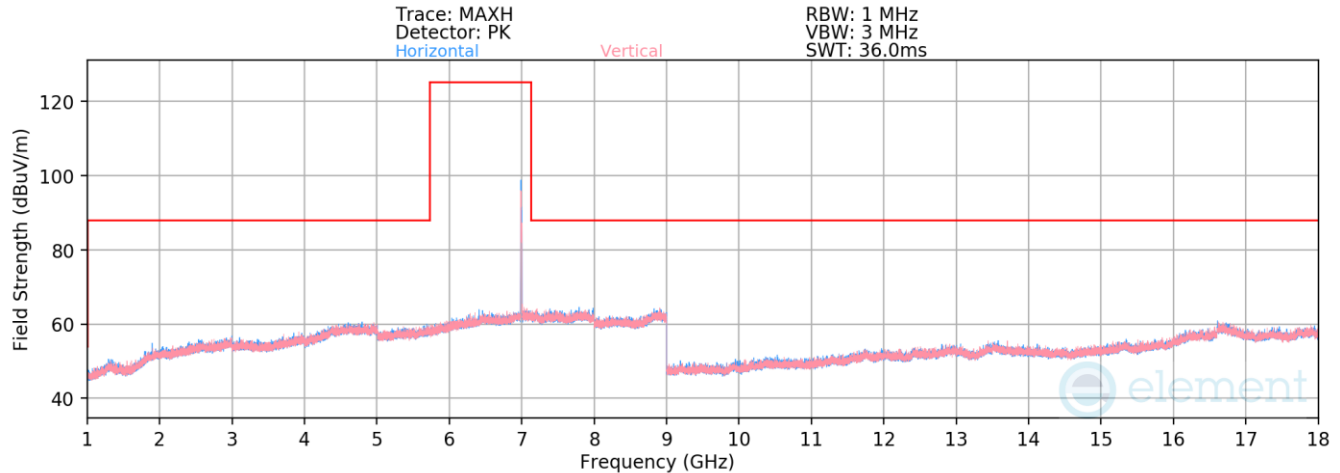
**Plot 7-289. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 189 – RU106)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6895MHz  
Channel: 189

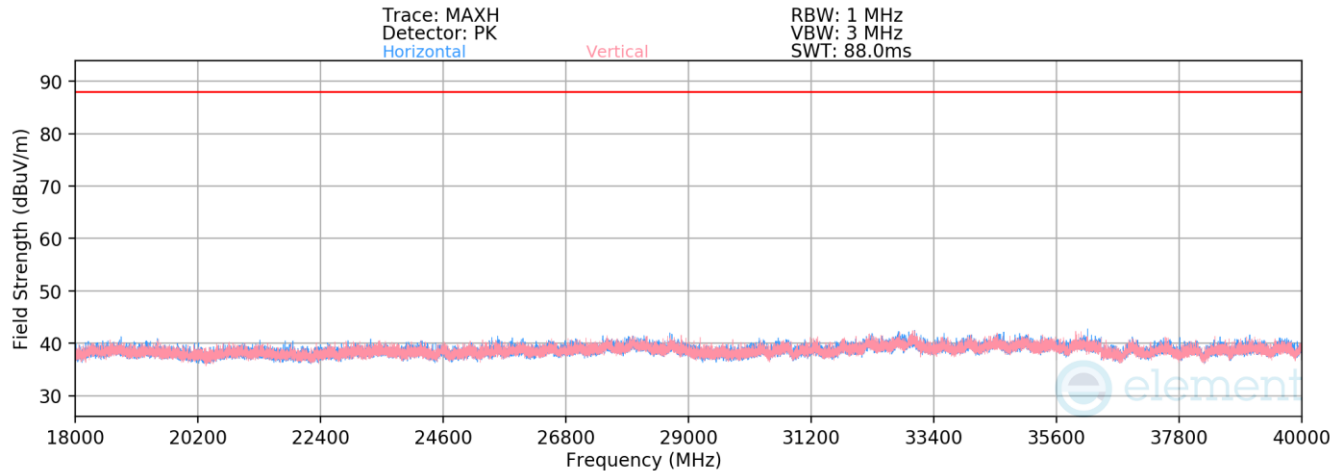
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 13790.00        | Average  | V               | -                   | -                          | -82.31               | 18.00       | 42.69                   | 68.23          | -25.54      |
| 13790.00        | Peak     | V               | -                   | -                          | -71.07               | 18.00       | 53.94                   | 88.23          | -34.29      |

**Table 7-45. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 136 of 189                   |



**Plot 7-290. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 209 – RU106)**



**Plot 7-291. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 209 – RU106)**

Mode: 802.11ax

Data Rate: MCS0

Distance of Measurements: 3 Meters

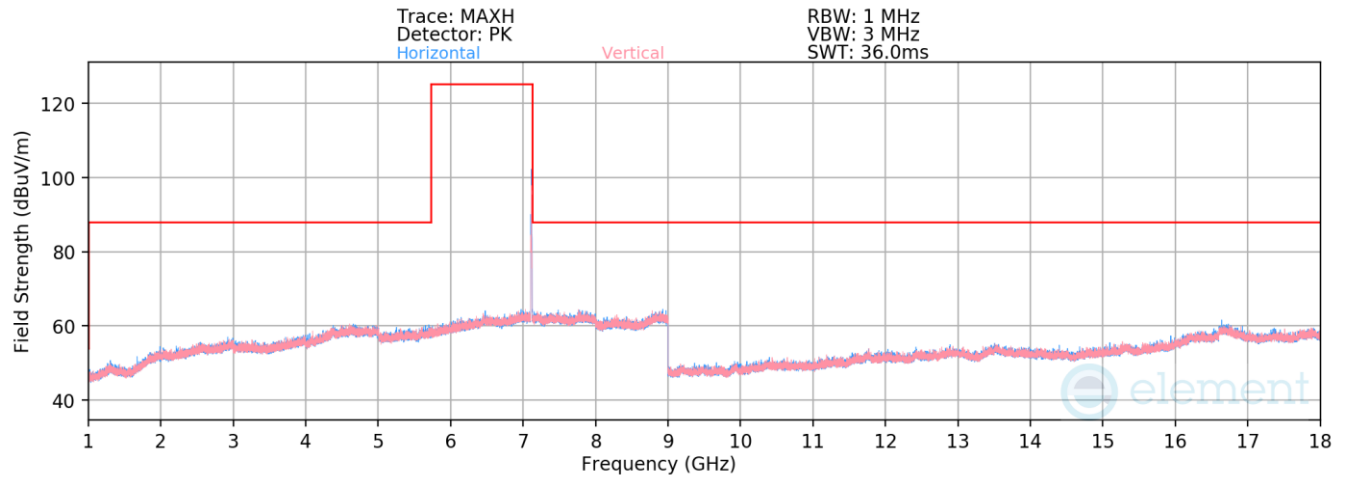
Operating Frequency: 6995MHz

Channel: 209

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 13990.00        | Average  | H               | -                   | -                          | -82.50               | 18.32       | 0.00                            | 42.82                   | 68.23          | -25.41      |
| 13990.00        | Peak     | H               | -                   | -                          | -71.02               | 18.32       | 0.00                            | 54.30                   | 88.23          | -33.93      |
| * 20985.00      | Average  | H               | -                   | -                          | -61.72               | -5.98       | -9.54                           | 29.76                   | 53.98          | -24.22      |
| * 20985.00      | Peak     | H               | -                   | -                          | -50.24               | -5.98       | -9.54                           | 41.24                   | 73.98          | -32.74      |
| 27980.00        | Average  | H               | -                   | -                          | -62.15               | -4.36       | -9.54                           | 30.95                   | 68.23          | -37.28      |
| 27980.00        | Peak     | H               | -                   | -                          | -51.31               | -4.36       | -9.54                           | 41.79                   | 88.23          | -46.44      |
| 34975.00        | Average  | H               | -                   | -                          | -61.72               | -4.44       | -9.54                           | 31.31                   | 68.23          | -36.92      |
| 34975.00        | Peak     | H               | -                   | -                          | -50.06               | -4.44       | -9.54                           | 42.96                   | 88.23          | -45.27      |

**Table 7-46. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 137 of 189                   |



**Plot 7-292. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 229 – RU106)**

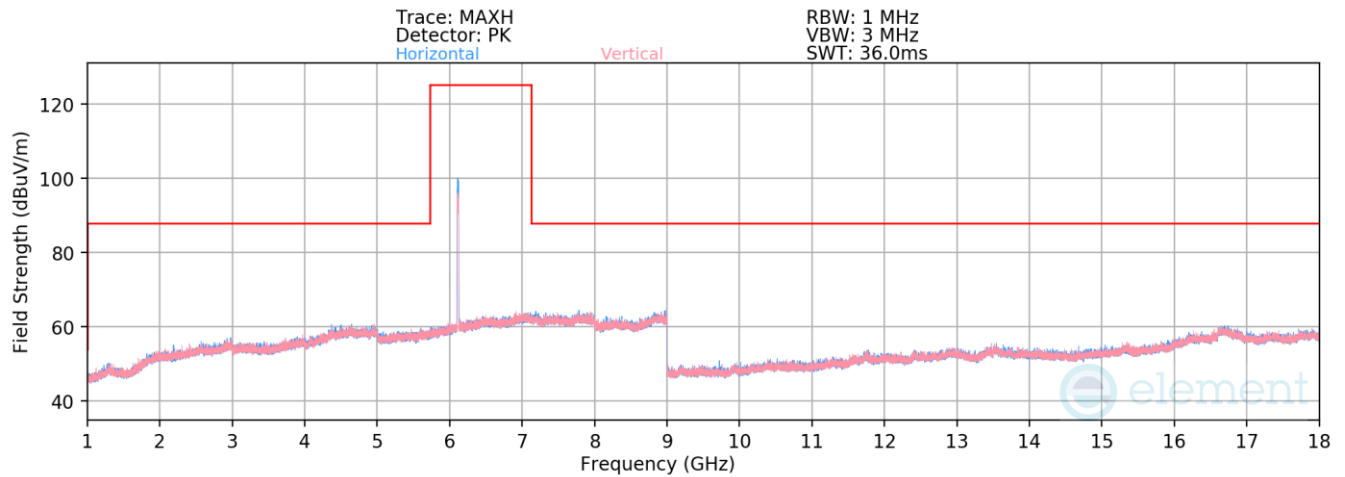
Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 7095MHz  
Channel: 229

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 14190.00        | Average  | V               | -                   | -                          | -82.70               | 18.46       | 42.76                   | 68.23          | -25.47      |
| 14190.00        | Peak     | V               | -                   | -                          | -70.99               | 18.46       | 54.47                   | 88.23          | -33.76      |

**Table 7-47. Radiated Spurious Emission Measurements SDM – RU106**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 138 of 189                   |

## RU242



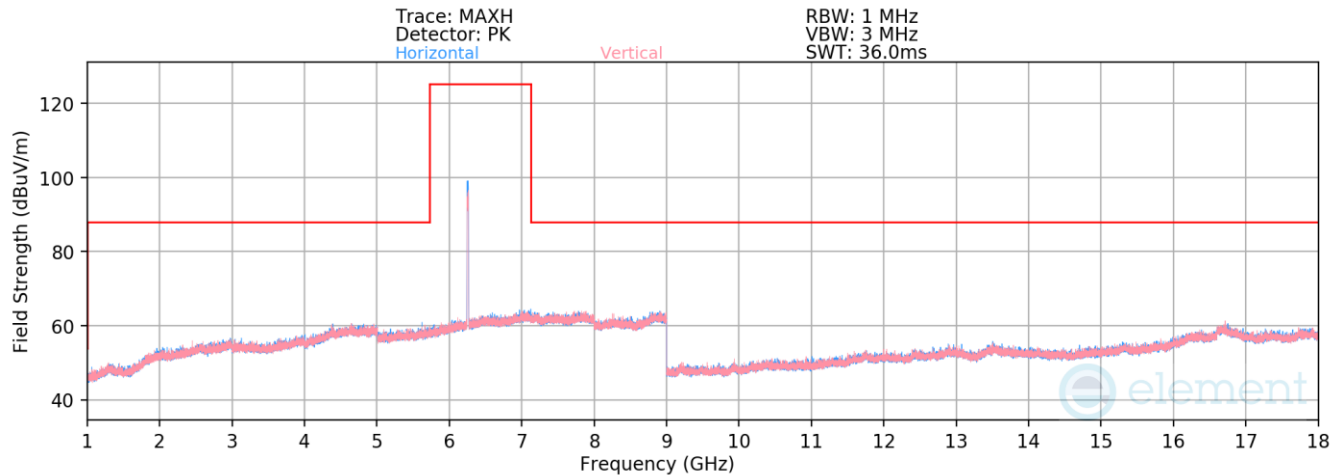
**Plot 7-293. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 33 – RU242)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6115MHz  
Channel: 33

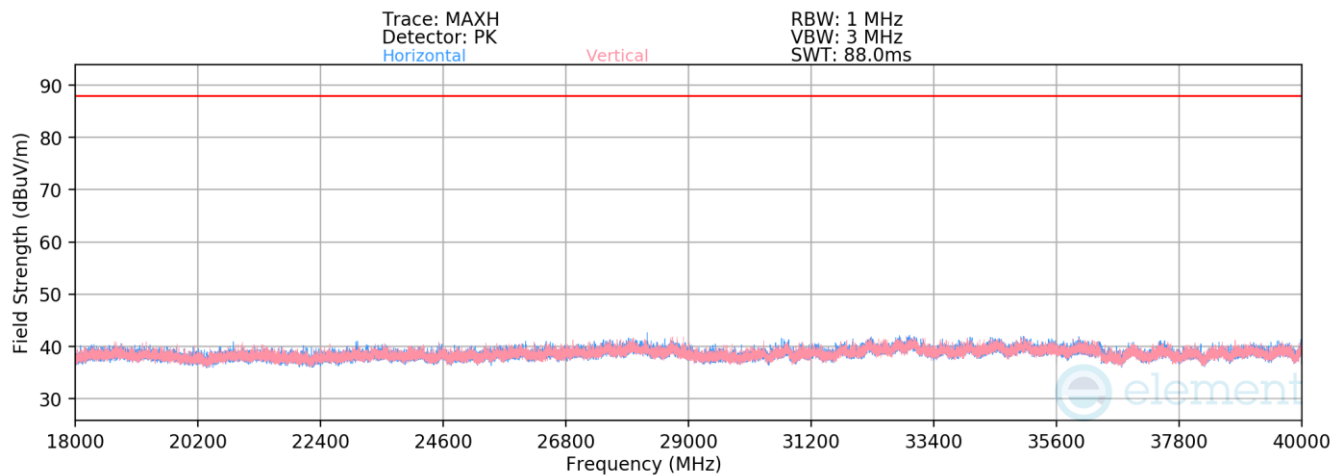
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12230.00      | Average  | H               | -                   | -                          | -82.65               | 17.36       | 41.70                   | 53.98          | -12.28      |
| * 12230.00      | Peak     | H               | -                   | -                          | -71.27               | 17.36       | 53.08                   | 73.98          | -20.90      |

**Table 7-48. Radiated Spurious Emission Measurements SDM – RU242**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 139 of 189                   |



**Plot 7-294. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 61 – RU242)**



**Plot 7-295. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 61 – RU242)**

Mode: 802.11ax

Data Rate: MCS0

Distance of Measurements: 3 Meters

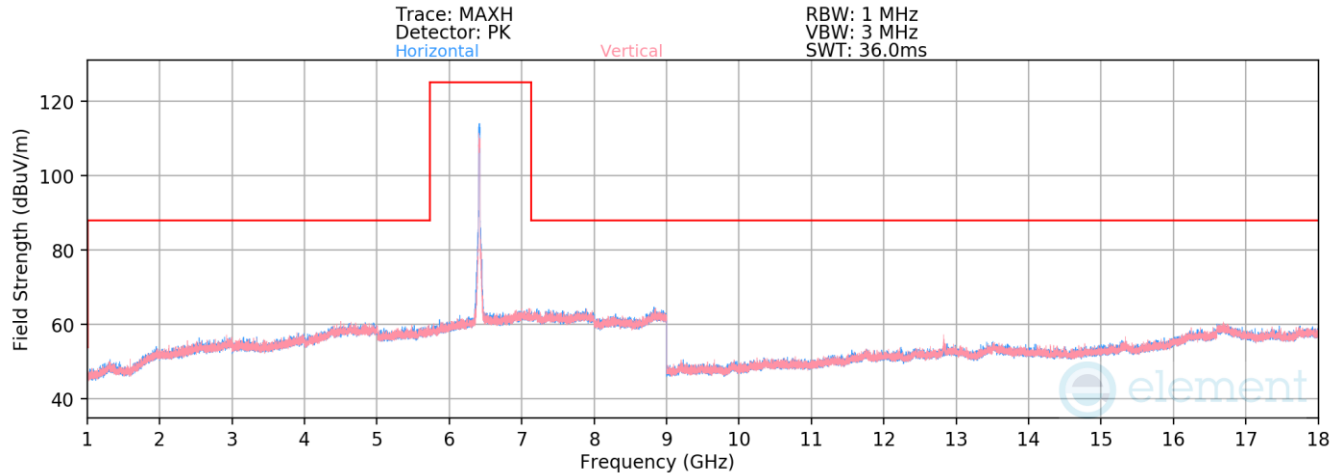
Operating Frequency: 6255MHz

Channel: 61

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| * 12510.00      | Average  | H               | -                   | -                          | -82.80               | 17.82       | 0.00                            | 42.01                   | 53.98          | -11.97      |
| * 12510.00      | Peak     | H               | -                   | -                          | -71.01               | 17.82       | 0.00                            | 53.80                   | 73.98          | -20.18      |
| * 18765.00      | Average  | H               | -                   | -                          | -62.23               | -5.35       | -9.54                           | 29.87                   | 53.98          | -24.11      |
| * 18765.00      | Peak     | H               | -                   | -                          | -50.87               | -5.36       | -9.54                           | 41.23                   | 73.98          | -32.75      |
| 25020.00        | Average  | H               | -                   | -                          | -61.61               | -6.27       | -9.54                           | 29.57                   | 68.23          | -38.66      |
| 25020.00        | Peak     | H               | -                   | -                          | -50.71               | -6.31       | -9.54                           | 40.44                   | 88.23          | -47.79      |
| * 31275.00      | Average  | H               | -                   | -                          | -63.32               | -4.63       | -9.54                           | 29.51                   | 53.98          | -24.47      |
| * 31275.00      | Peak     | H               | -                   | -                          | -52.22               | -4.63       | -9.54                           | 40.61                   | 73.98          | -33.37      |
| 37530.00        | Average  | H               | -                   | -                          | -62.40               | -4.29       | -9.54                           | 30.77                   | 68.23          | -37.46      |
| 37530.00        | Peak     | H               | -                   | -                          | -51.05               | -4.29       | -9.54                           | 42.12                   | 88.23          | -46.11      |

**Table 7-49. Radiated Spurious Emission Measurements SDM – RU242**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 140 of 189                   |



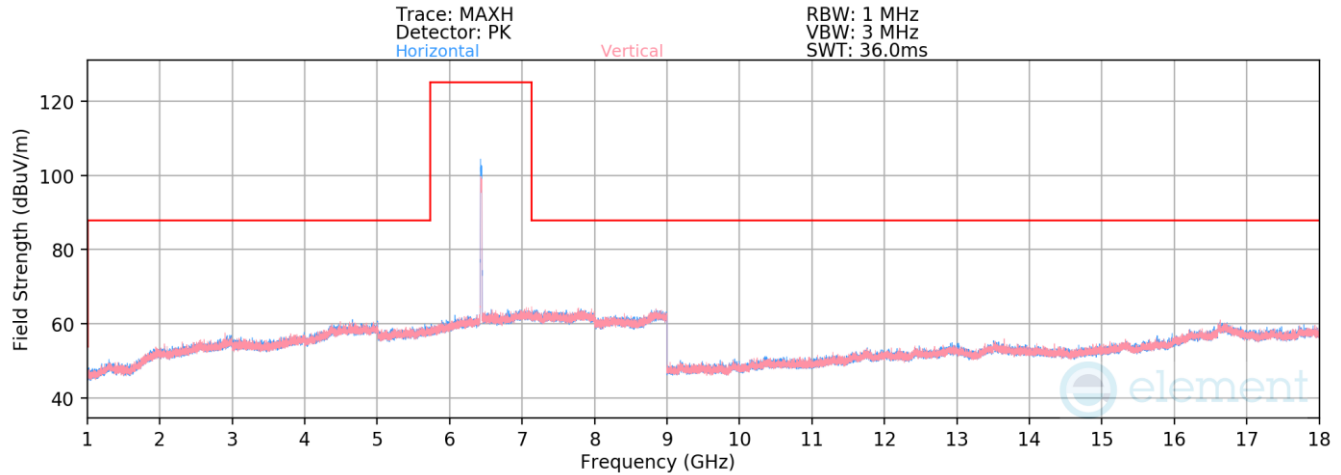
**Plot 7-296. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 93 – RU242)**

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 [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12830.00        | Average  | V               | -                   | -                          | -82.50               | 18.18       | 42.69                   | 53.98          | -11.29      |
| 12830.00        | Peak     | V               | -                   | -                          | -71.08               | 18.18       | 54.10                   | 73.98          | -19.88      |

**Table 7-50. Radiated Spurious Emission Measurements SDM – RU242**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 141 of 189                   |



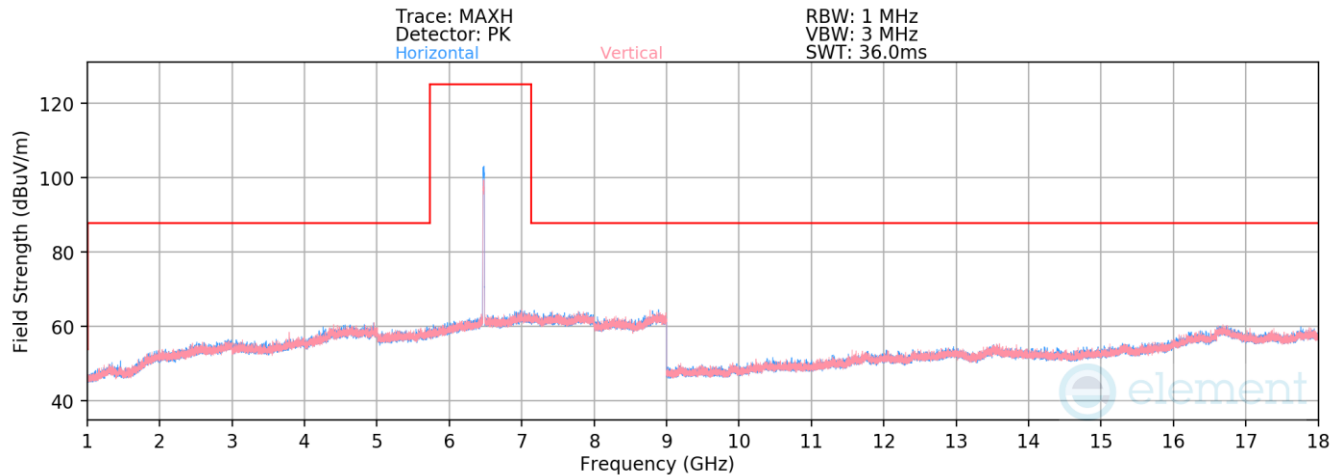
**Plot 7-297. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 97 – RU242)**

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

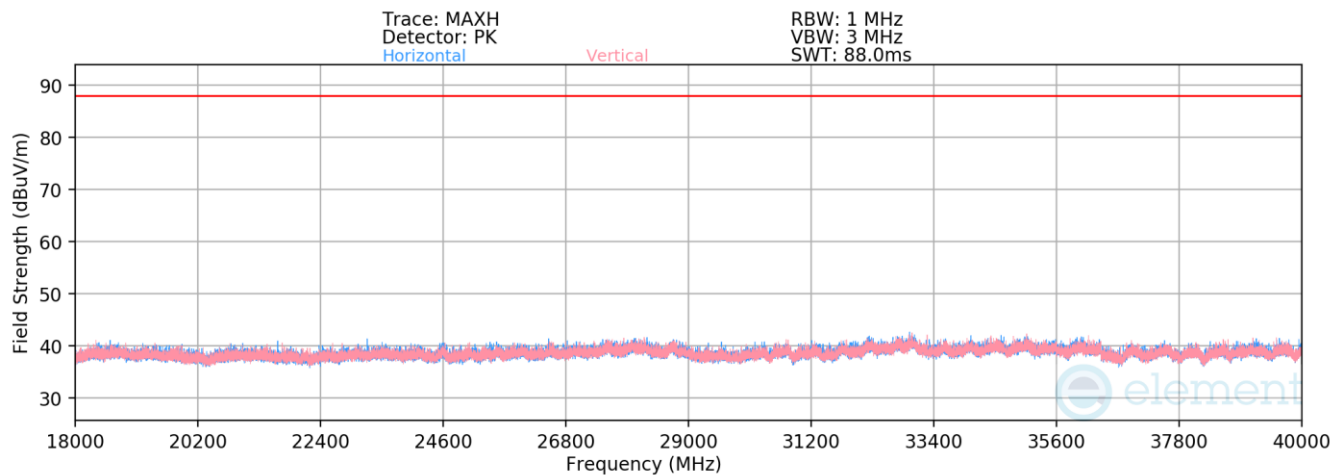
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12870.00        | Average  | V               | -                   | -                          | -83.07               | 18.64       | 42.57                   | 68.23          | -25.66      |
| 12870.00        | Peak     | V               | -                   | -                          | -71.56               | 18.64       | 54.08                   | 88.23          | -34.15      |

**Table 7-51. Radiated Spurious Emission Measurements SDM – RU242**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 142 of 189                   |



**Plot 7-298. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 105 – RU242)**



**Plot 7-299. Radiated Spurious Emissions 18-40GHz SDM (802.11ax – Ch. 105 – RU242)**

Mode: 802.11ax

Data Rate: MCS0

Distance of Measurements: 3 Meters

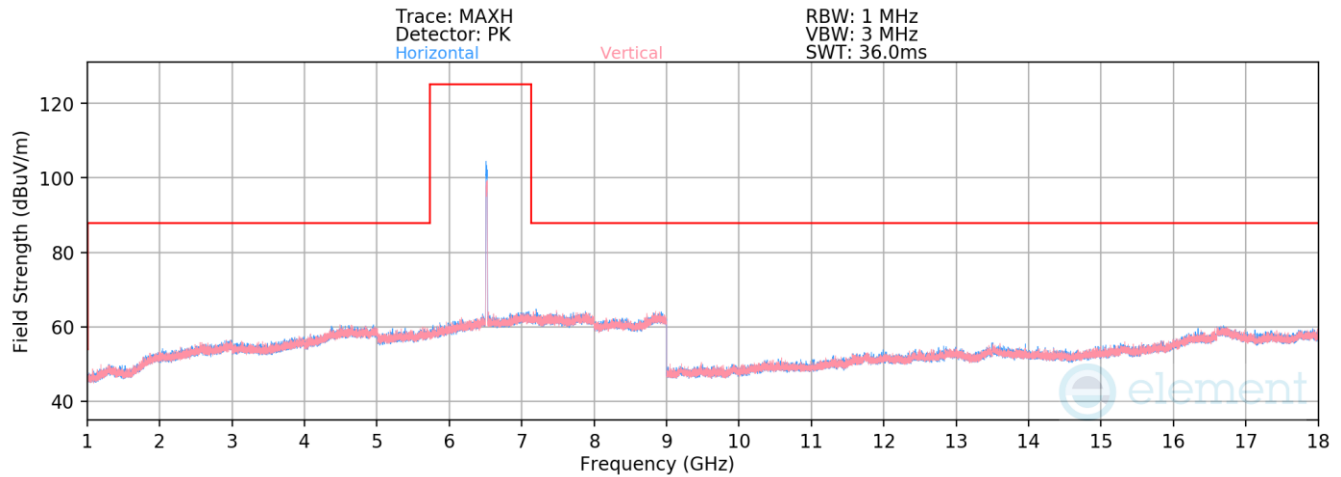
Operating Frequency: 6475MHz

Channel: 105

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Distance Correction Factor [dB] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|---------------------------------|-------------------------|----------------|-------------|
| 12950.00        | Average  | V               | -                   | -                          | -82.55               | 18.49       | 0.00                            | 42.94                   | 68.23          | -25.29      |
| 12950.00        | Peak     | V               | -                   | -                          | -70.39               | 18.64       | 0.00                            | 55.25                   | 88.23          | -32.98      |
| * 19425.00      | Average  | V               | -                   | -                          | -61.95               | -5.77       | -9.54                           | 29.74                   | 53.98          | -24.24      |
| * 19425.00      | Peak     | V               | -                   | -                          | -50.58               | -5.77       | -9.54                           | 41.10                   | 73.98          | -32.88      |
| 25900.00        | Average  | V               | -                   | -                          | -61.87               | -5.86       | -9.54                           | 29.72                   | 68.23          | -38.51      |
| 25900.00        | Peak     | V               | -                   | -                          | -50.70               | -5.86       | -9.54                           | 40.89                   | 88.23          | -47.34      |
| 32375.00        | Average  | V               | -                   | -                          | -62.77               | -3.72       | -9.54                           | 30.98                   | 68.23          | -37.25      |
| 32375.00        | Peak     | V               | -                   | -                          | -52.25               | -3.72       | -9.54                           | 41.49                   | 88.23          | -46.74      |
| * 38850.00      | Average  | V               | -                   | -                          | -63.51               | -3.75       | -9.54                           | 30.20                   | 53.98          | -23.78      |
| * 38850.00      | Peak     | V               | -                   | -                          | -52.48               | -3.75       | -9.54                           | 41.24                   | 73.98          | -32.74      |

**Table 7-52. Radiated Spurious Emission Measurements SDM – RU242**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 143 of 189                   |



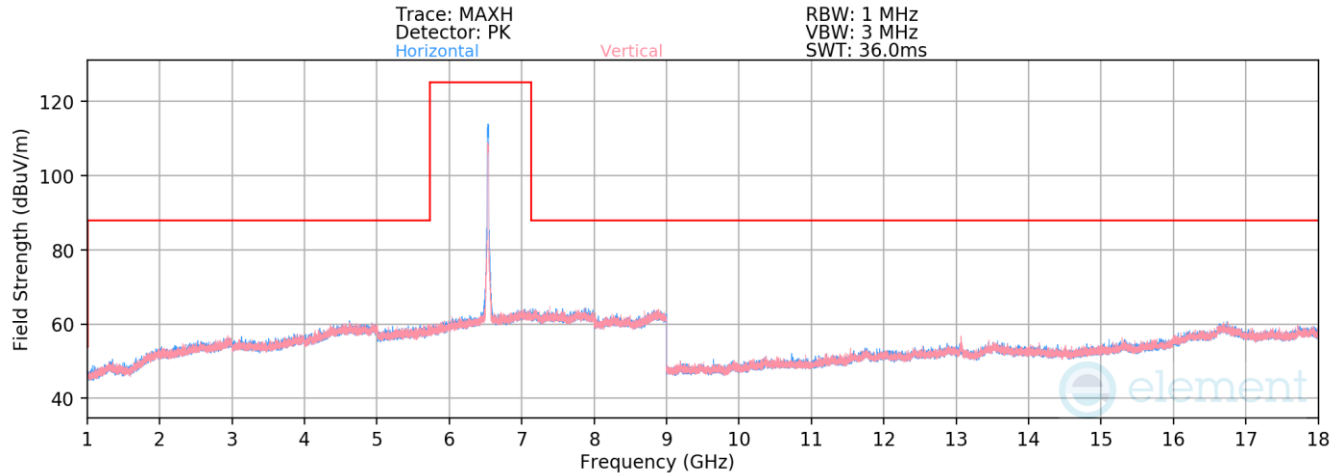
**Plot 7-300. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 113 – RU242)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6515MHz  
Channel: 113

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 13030.00        | Average  | V               | -                   | -                          | -82.67               | 18.55       | 42.88                   | 68.23          | -25.35      |
| 13030.00        | Peak     | V               | -                   | -                          | -70.96               | 18.35       | 54.39                   | 88.23          | -33.84      |

**Table 7-53. Radiated Spurious Emission Measurements SDM – RU242**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 144 of 189                   |



**Plot 7-301. Radiated Spurious Emissions above 1GHz SDM (802.11ax – Ch. 117 – RU242)**

Mode: 802.11ax  
Data Rate: MCS0  
Distance of Measurements: 3 Meters  
Operating Frequency: 6535MHz  
Channel: 117

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 13070.00        | Average  | V               | 195                 | 54                         | -77.49               | 18.77       | 48.28                   | 68.23          | -19.95      |
| 13070.00        | Peak     | V               | 195                 | 54                         | -67.22               | 18.72       | 58.50                   | 88.23          | -29.73      |

**Table 7-54. Radiated Spurious Emission Measurements SDM – RU242**

|                                            |                                                                                     |                                                                                                                                                                                                                  |                            |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3374<br>IC: 579C-A3374         |  | Test Dates:<br>05/19/2025 - 03/12/2026                                                                                                                                                                           | EUT Type:<br>Smart Speaker | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2505300067-13-R2.BCG |  | This report is Blockchain Verified. To verify the report authenticity, please visit <a href="https://www.blockchain-verified.com">https://www.blockchain-verified.com</a> or by clicking on the Blockchain logo. |                            | Page 145 of 189                   |