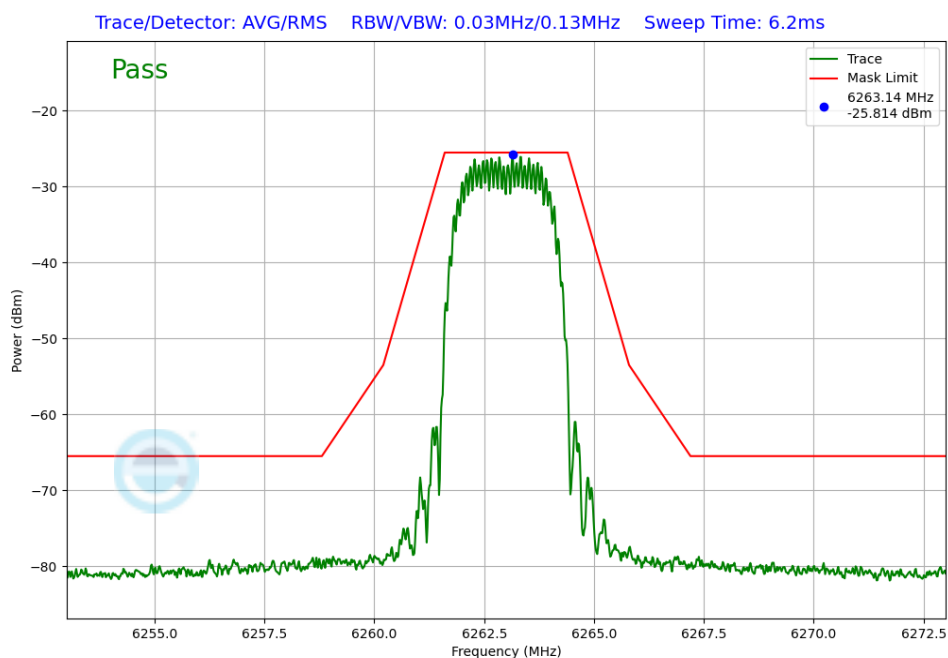
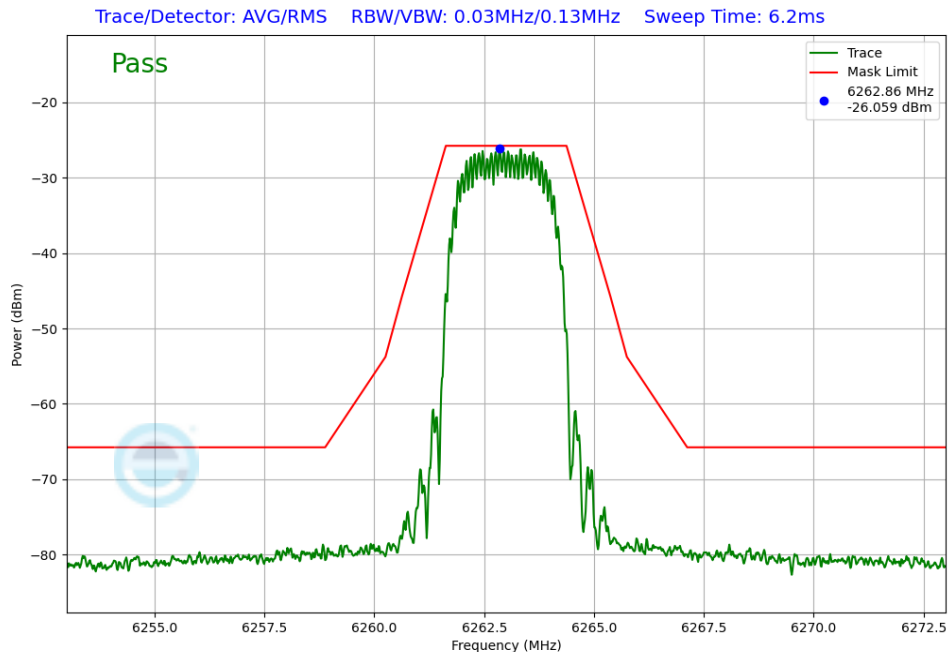




Plot 7-392. In-Band Emissions TxBF Diversity Antenna WF8 (NB UNII HDT2, ePA – 6263MHz)

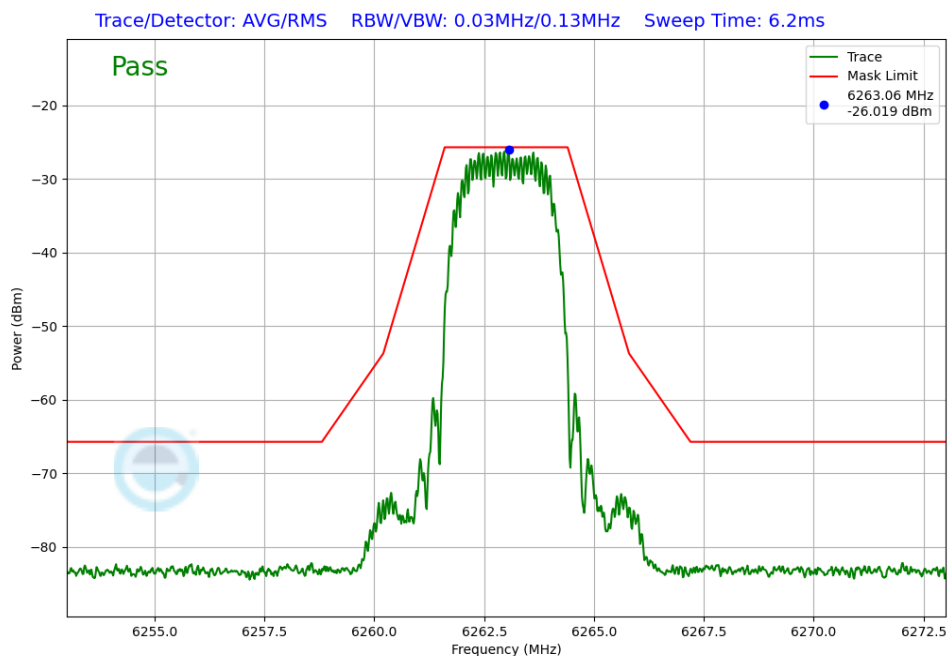


Plot 7-393. In-Band Emissions TxBF Diversity Antenna WF7 (NB UNII HDT2, ePA – 6263MHz)

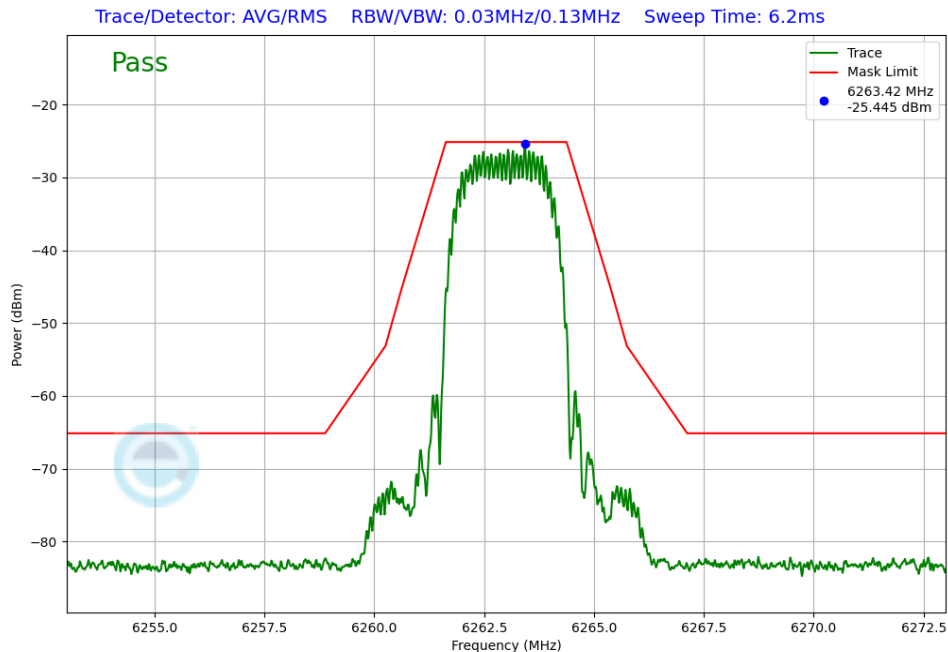
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 239 of 329                   |

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**Plot 7-394. In-Band Emissions TxBF Diversity Antenna WF8 (NB UNII HDT2, iPA – 6263MHz)**

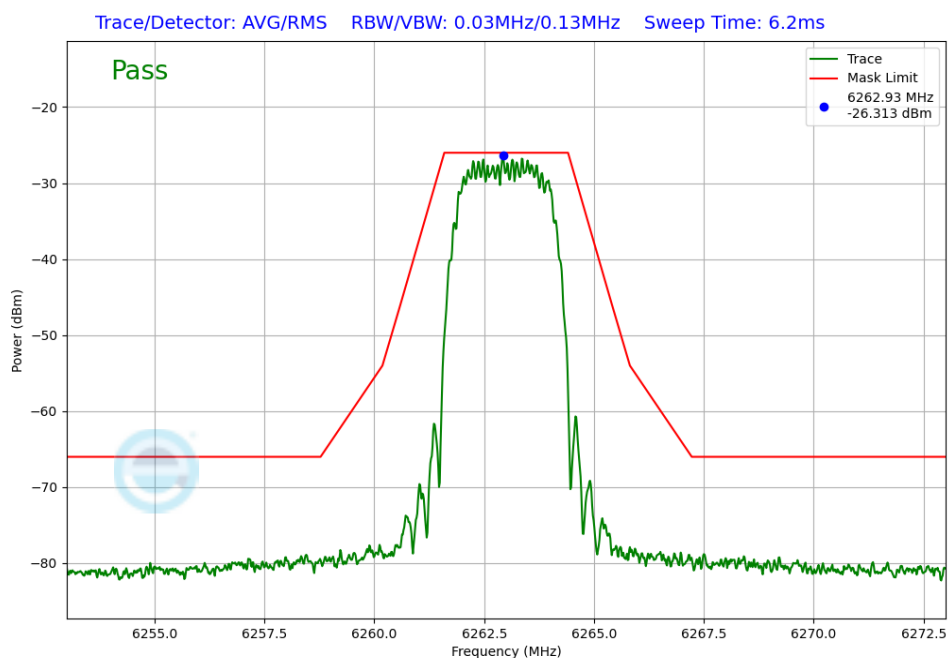


**Plot 7-395. In-Band Emissions TxBF Diversity Antenna WF7 (NB UNII HDT2, iPA – 6263MHz)**

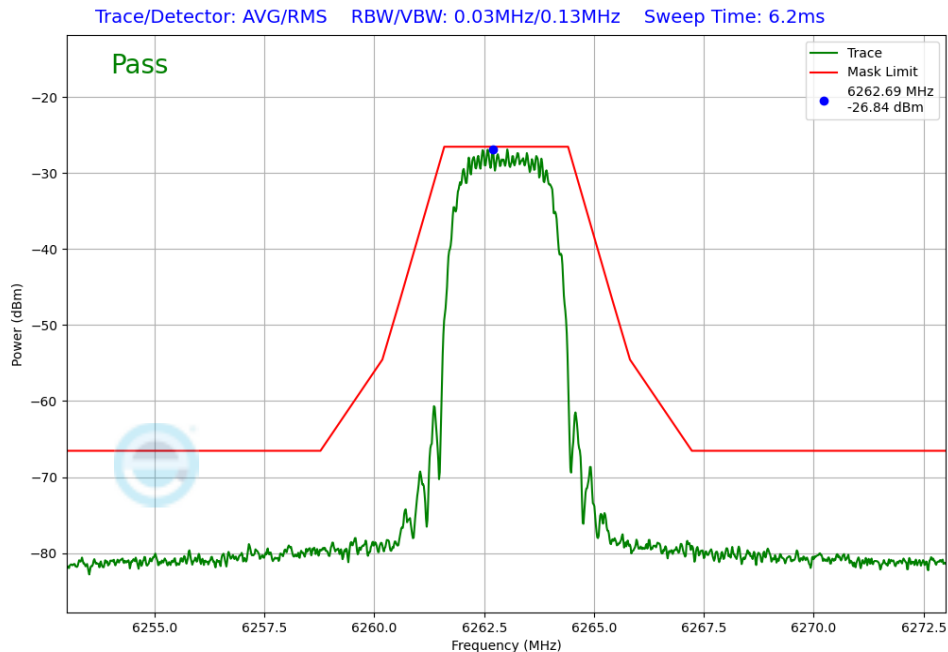
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 240 of 329                   |

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**Plot 7-396. In-Band Emissions TxBF Diversity Antenna WF8 (NB UNII HDT4, ePA – 6263MHz)**

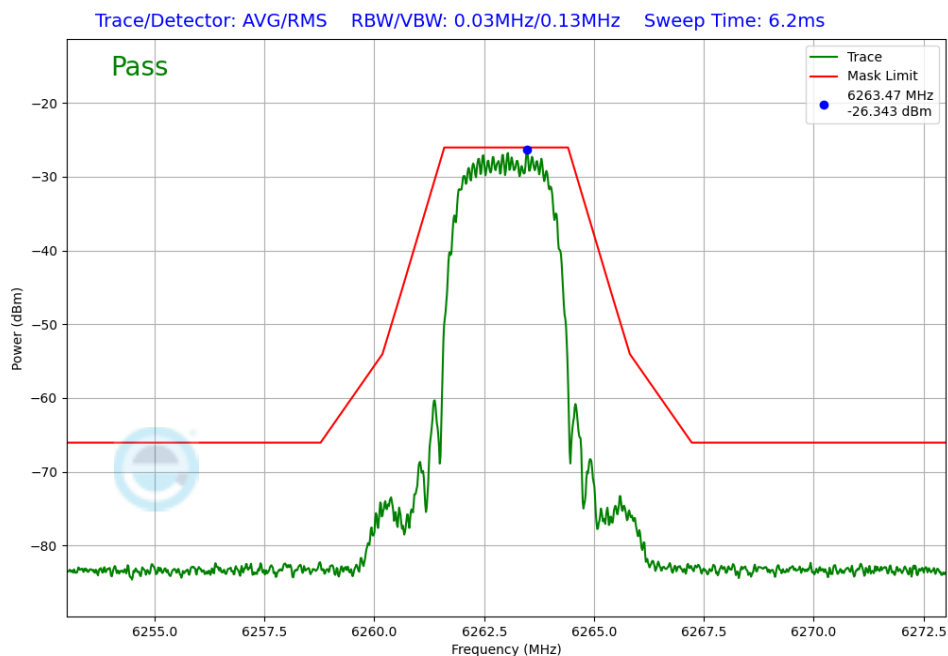


**Plot 7-397. In-Band Emissions TxBF Diversity Antenna WF7 (NB UNII HDT4, ePA – 6263MHz)**

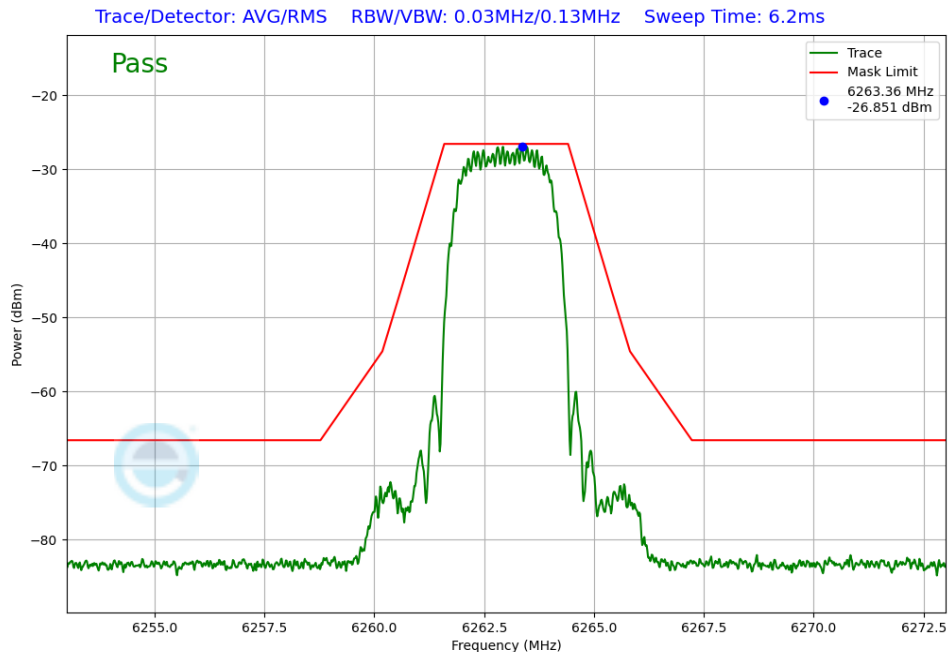
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 241 of 329                   |

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**Plot 7-398. In-Band Emissions TxBF Diversity Antenna WF8 (NB UNII HDT4, iPA – 6263MHz)**

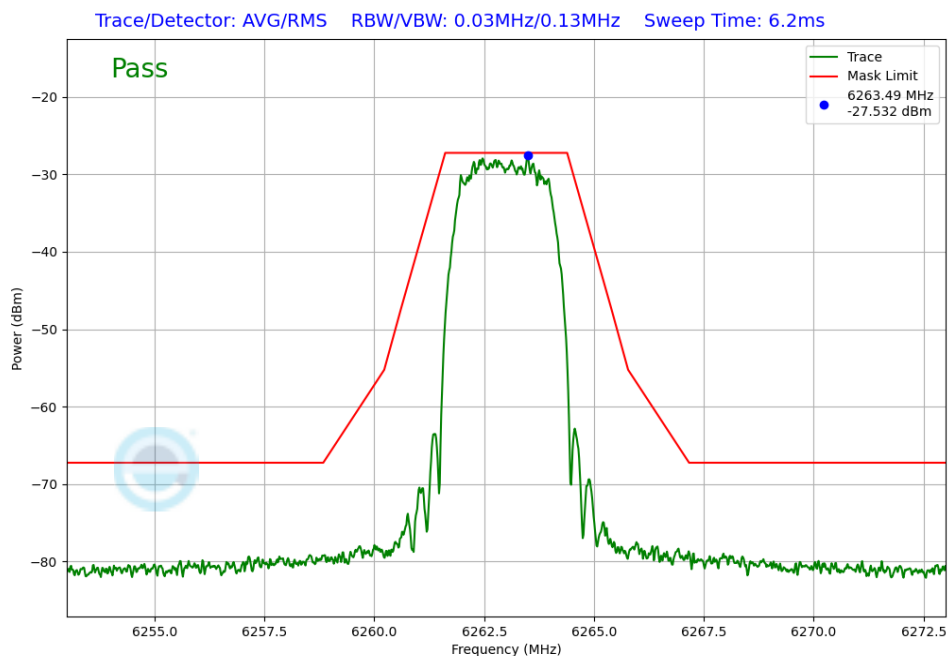


**Plot 7-399. In-Band Emissions TxBF Diversity Antenna WF7 (NB UNII HDT4, iPA – 6263MHz)**

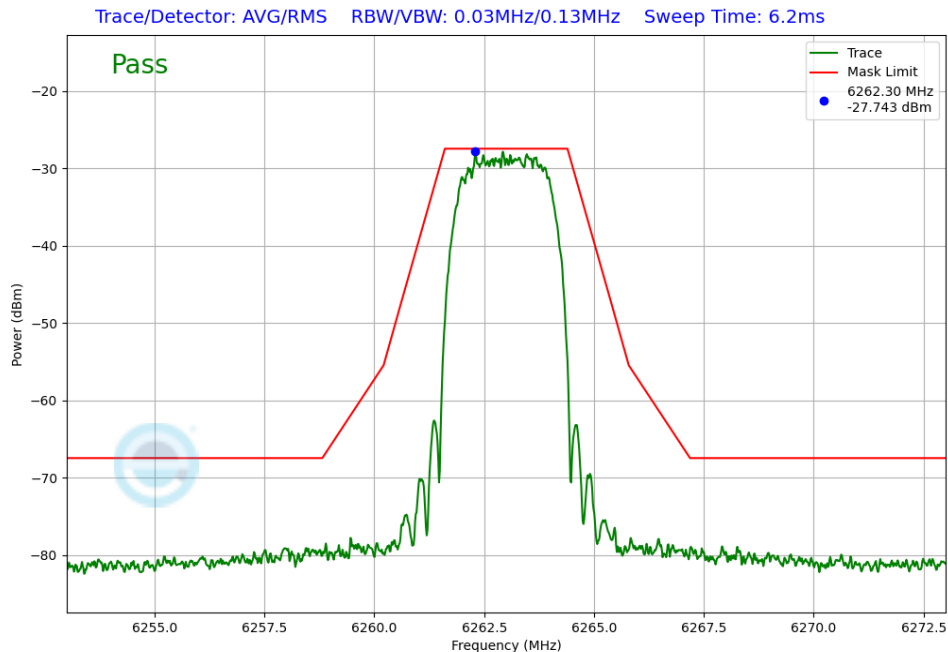
|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 242 of 329                   |

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**Plot 7-400. In-Band Emissions Tx BF Diversity Antenna WF8 (NB UNII HDT6, ePA – 6263MHz)**

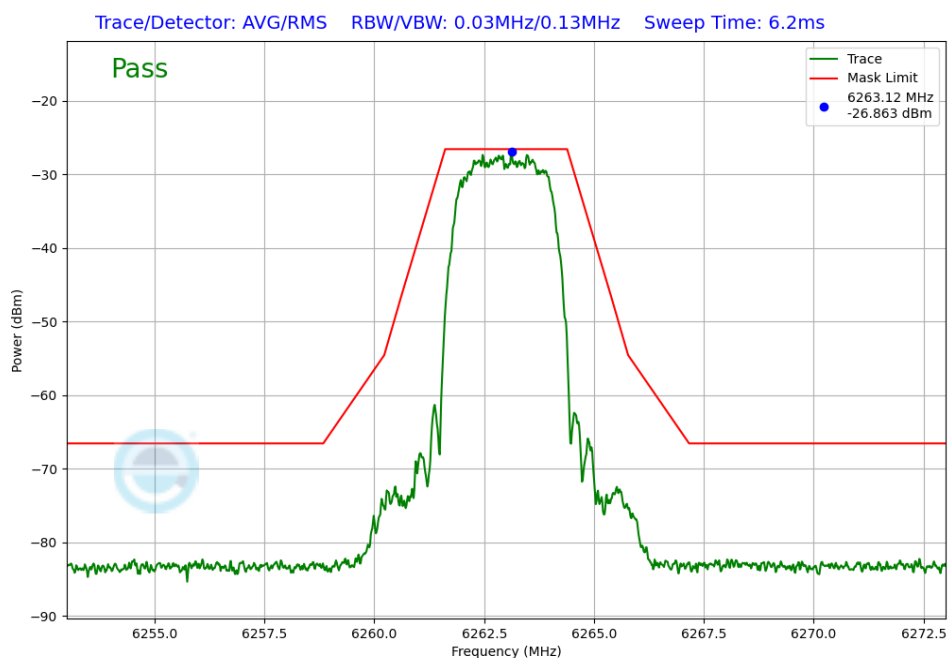


**Plot 7-401. In-Band Emissions Tx BF Diversity Antenna WF7 (NB UNII HDT6, ePA – 6263MHz)**

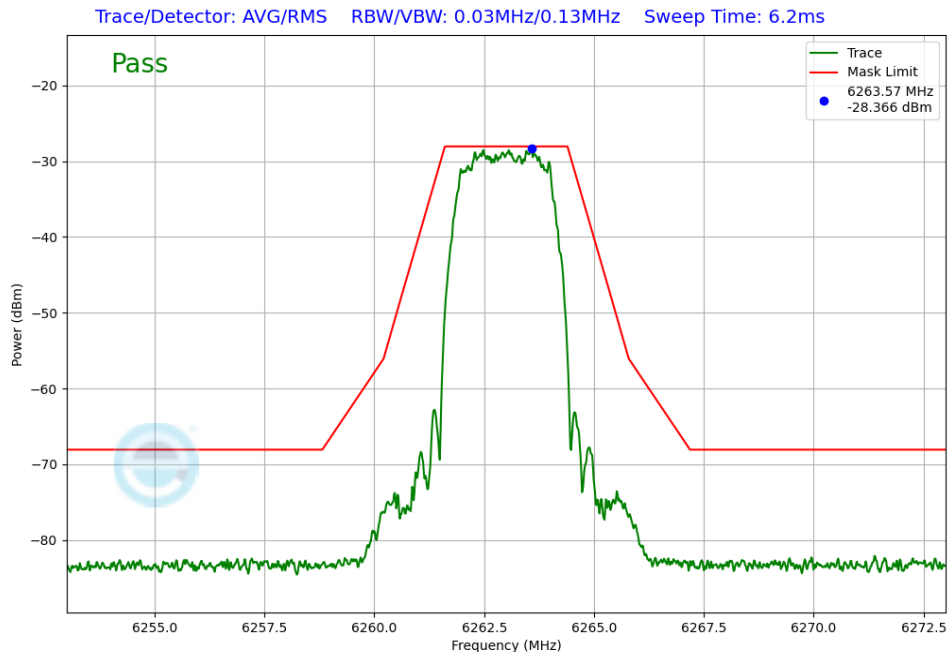
|                                            |                                                                                     |                            |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device | Page 243 of 329                       |                                   |

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**Plot 7-402. In-Band Emissions TxBF Diversity Antenna WF8 (NB UNII HDT6, iPA – 6263MHz)**



**Plot 7-403. In-Band Emissions TxBF Diversity Antenna WF7 (NB UNII HDT6, iPA – 6263MHz)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 244 of 329                   |

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## 7.6 Contention Based Protocol

§15.407(d)(6); RSS-248[4.7]

### Test Overview and Limit

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices), while very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed indoor low-power and very 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 and very low power devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

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

### Test Procedure Used

KDB 987594 D02 v03 – Section I

### Test Settings

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

|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360                |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                     | <b>EUT Type:</b><br>Tablet Device | Page 245 of 329                          |

## Test Setup

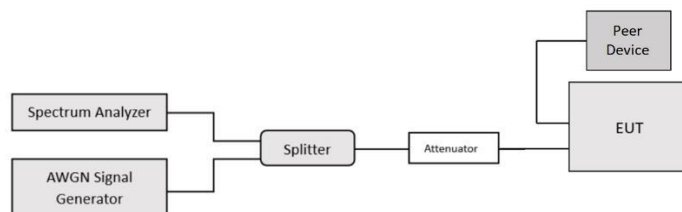


Figure 7-5. Contention-based protocol test setup, conducted method

## Test Notes

1. Peer device used was model A3357 (refer to **Table 2-6**).
2. Per guidance from KDB 987594 D02 v03, contention-based protocol was tested using an AWGN signal with a bandwidth of 10MHz. The amplitude of the signal was increased until detected by the EUT, signaled by the ceasing of transmission, marker indicates the point at which the AWGN signal is introduced.
3. Per KDB 987594 D04 v03, contention-based protocol was tested with receiver with the lowest antenna gain.
4. 15 trials were ran in order to assure that at least 90% of certainty was met.

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

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

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 246 of 329                   |

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| Band        | Incumbent Frequency [MHz] | Injected (AWGN) [dBm] | Antenna Gain [dBi] | Adjusted Power Level [dBm] | Detection Limit [dBm] | Margin [dB] |
|-------------|---------------------------|-----------------------|--------------------|----------------------------|-----------------------|-------------|
| UNII Band 5 | 6350                      | -69.50                | -2.00              | -67.50                     | -62.0                 | -5.50       |

**Table 7-20. Contention Based Protocol – Incumbent Detection Results**

| Band        | EUT Transmission Status   |         |        |
|-------------|---------------------------|---------|--------|
|             | Adjusted AWGN Power (dBm) |         |        |
|             | Normal                    | Minimal | Ceased |
| UNII Band 5 | -73.50                    | -68.50  | -67.50 |

**Table 7-21. Contention Based Protocol – Detection Results – All Tx Cases**

| CBP Detection (1 = Detection, Blank = No detection) |        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |                    |         |             |
|-----------------------------------------------------|--------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|--------------------|---------|-------------|
| Band                                                | Trials |   |   |   |   |   |   |   |   |    |    |    |    |    |    | Detection Rate [%] | Limit % | Pass / Fail |
|                                                     | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |                    |         |             |
| UNII Band 5                                         | 1      | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 1  | 1  | 1  | 1  | 1  | 100                | 90      | Pass        |

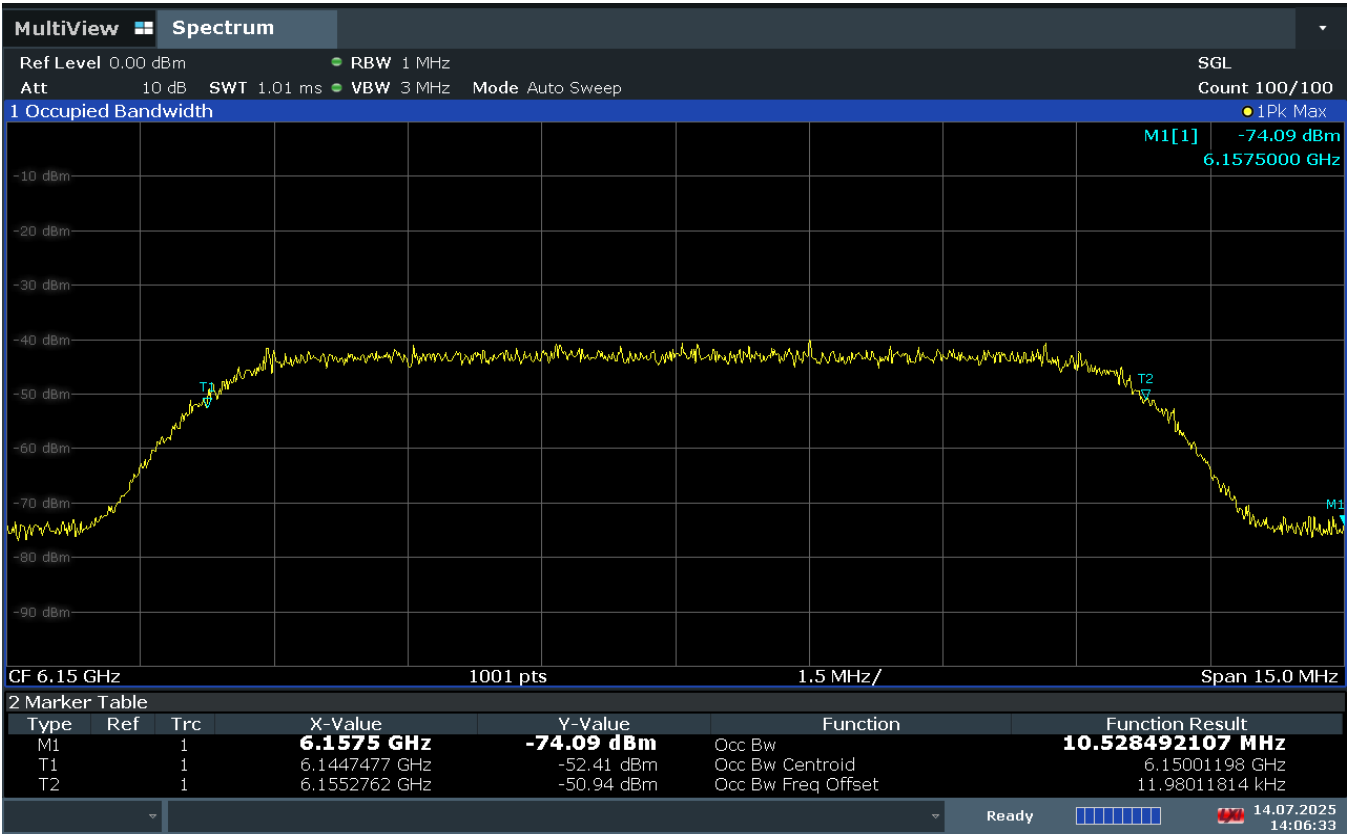
**Table 7-22. Contention Based Protocol – Incumbent Detection Trial Results**

|                                                   |                                                                                     |                                           |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  | <b>MEASUREMENT REPORT (CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                       | <b>EUT Type:</b><br>Tablet Device         | Page 247 of 329                          |

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AWGN Plots

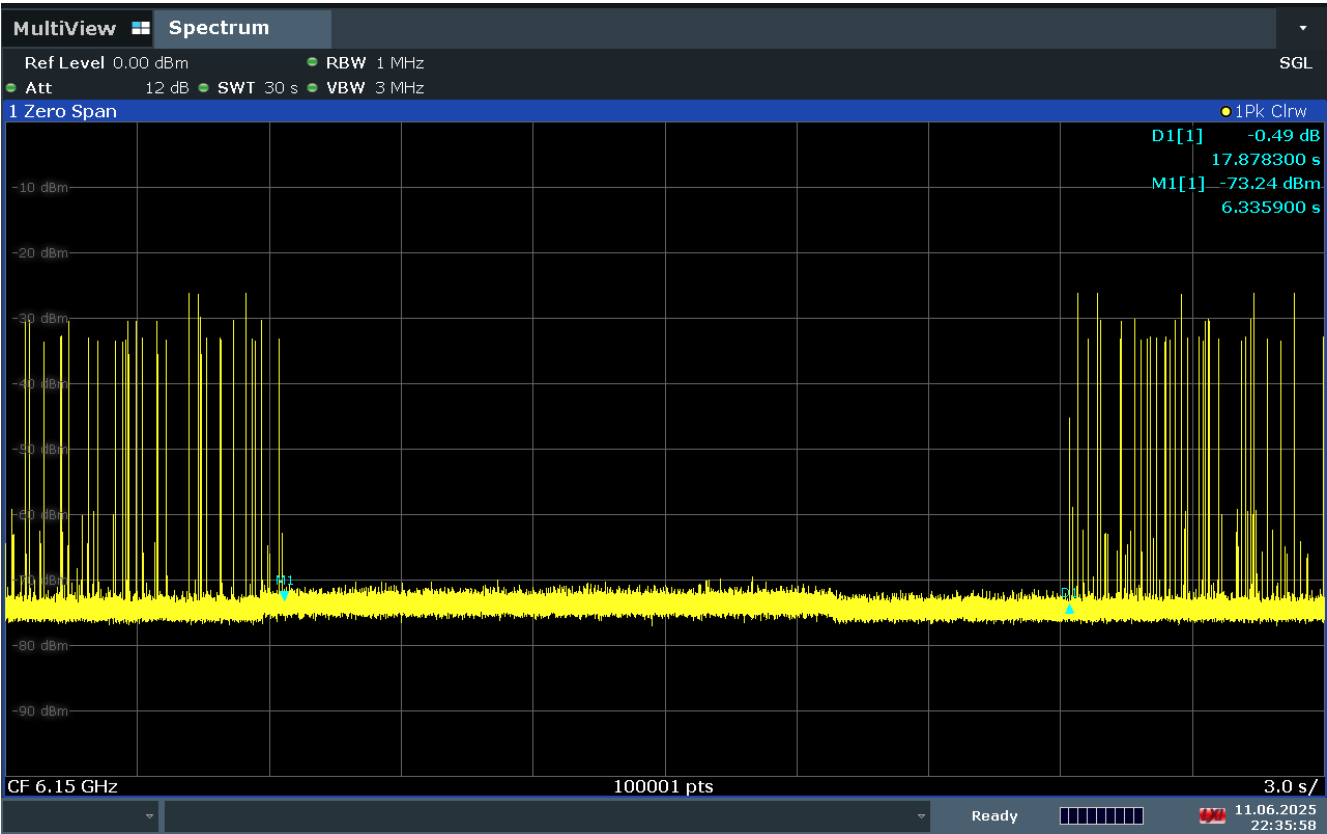


14:06:34 14.07.2025

Plot 7-404. AWGN Signal

|                                            |                                        |                            |                                   |
|--------------------------------------------|----------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         | MEASUREMENT REPORT<br>(CERTIFICATION)  |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025 | EUT Type:<br>Tablet Device | Page 248 of 329                   |

Contention-Based Protocol Timing Plots

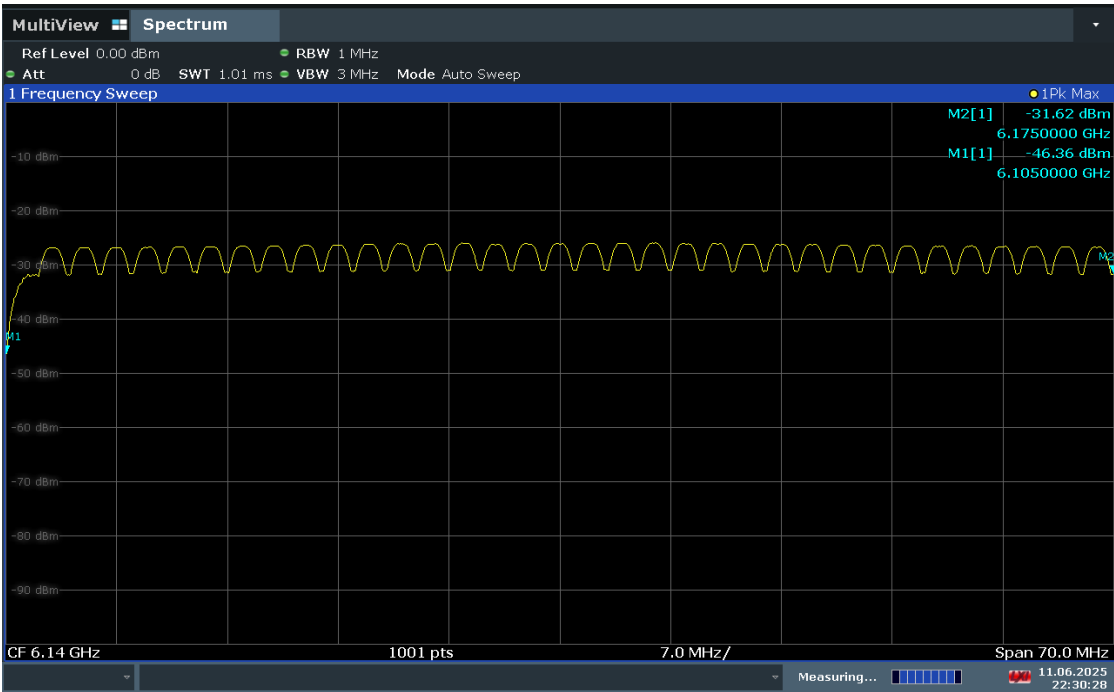


22:35:58 11.06.2025

Plot 7-405. Contention Based Protocol Timing Plot

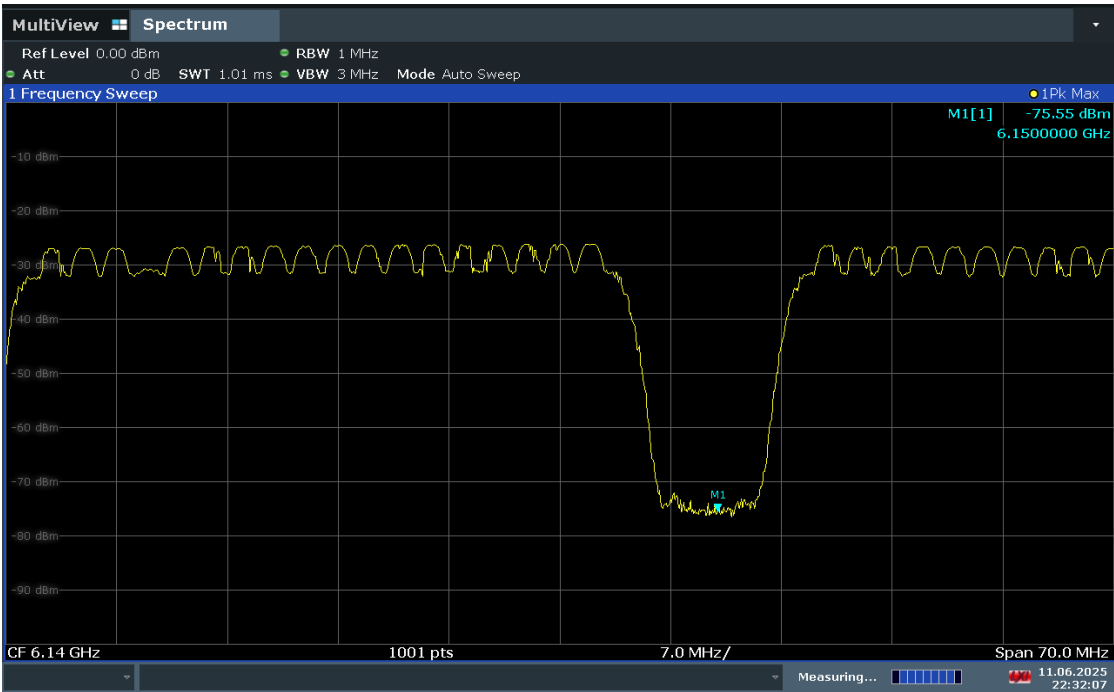
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 249 of 329                   |

Bandwidth Reduction Plots



22:30:28 11.06.2025

Plot 7-406. Before AWGN Signal Injected



22:32:08 11.06.2025

Plot 7-407. After AWGN Signal Injected

|                                            |                                        |                                   |
|--------------------------------------------|----------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         | MEASUREMENT REPORT<br>(CERTIFICATION)  | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025 | EUT Type:<br>Tablet Device        |
|                                            |                                        | Page 250 of 329                   |

## 7.7 Transmit Power Control (TPC)

§15.407(d)(10); RSS-248[4.6]

### Test Overview and Limit

Very low power devices operating in the 5.925-6.425 and 6.525-6.875 GHz bands shall employ a transmit power control (TPC) mechanism. A very low power device is required to have the capability to operate at least 6 dB below the maximum EIRP power spectral density (PSD) value of -5 dBm/MHz.

### Test Procedure Used

ANSI C63.10-2020 – Section 12.4.2.6

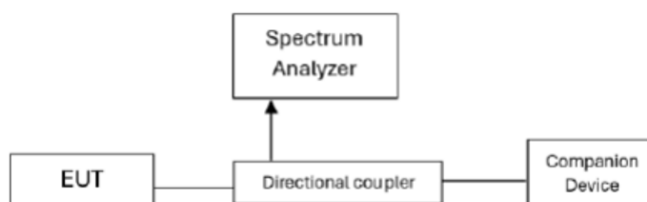
KDB 789033 D02 v02r01 – Section F

### Test Settings

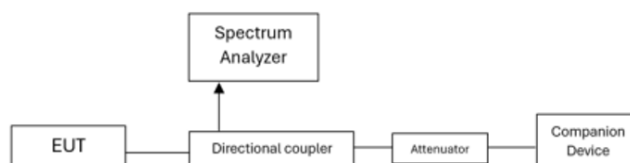
1. Analyzer was set to the center frequency of the UNII channel under investigation
2. Set span to encompass the entire 99% OBW of the signal.
3. Set sweep trigger to “free run.”
4. Set RBW = 1 MHz
5. Set VBW  $\geq$  3 MHz
6. Number of points in sweep  $\geq 2 \times \text{span} / \text{RBW}$ .
7. Sweep time  $\leq (\text{number of points in sweep}) \times T$ , where T is defined
8. Detector = power averaging (rms).
9. Trace mode = max hold.
10. Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

### Test Setup

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



**Figure 7-6. Test Instrument & Measurement Setup (No Attenuation)**



**Figure 7-7. Test Instrument & Measurement Setup (With Attenuation)**

|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360                |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                     | <b>EUT Type:</b><br>Tablet Device | Page 251 of 329                          |

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This test demonstrates the ability of the device to increase and decrease power by the required 6dB as the RSSI is decreased and increased.

1. Configure EUT and companion device for peer-to-peer communication as shown in Figure 7-6.
2. Set variable attenuator to 0dB (noise free spectral environment, high RSSI simulation)
3. Establish a link and start communication between EUT and companion device
4. Capture PSD on spectrum analyzer
5. Set attenuator to 20dB (noisy spectral environment, low RSSI simulation)
6. Capture PSD on spectrum analyzer
7. Compare the highest PSD captured in step 4 to the highest PSD on step 6 and determine the delta.

### **Test Notes**

1. The companion device used was the developmentary board (refer to **Table 2-6**)
2. Per manufacturer's declaration, after establishing communication between the EUT and the companion device, 6GHz UNII signal was used to maintain communication and traffic.
3. TPC is triggered when a high RSSI is detected. As RSSI detected signal decreases, the transmitters output power will increase back to maximum allowed power.
4. TxBF is engaged only under low RSSI conditions to restore the signal-to-noise ratio through array gain. In this case, TxBF was not enabled as the RSSI was not sufficiently low.

|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                     | <b>EUT Type:</b><br>Tablet Device | Page 252 of 329                          |

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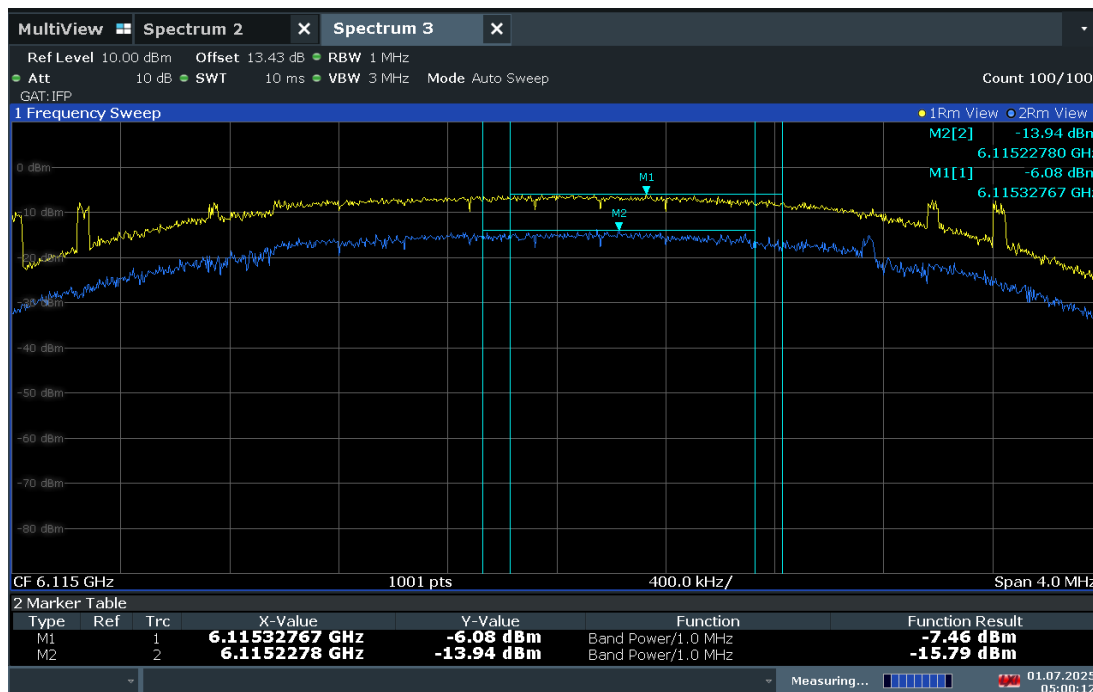
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| Frequency [MHz] | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | e.i.r.p. Power Density Limit [dBm/MHz] |
|-----------------|----------------------------------|--------------------|----------------------------------|----------------------------------------|
|                 | Antenna WF5B                     |                    |                                  |                                        |
| 6115            | -7.46                            | -0.60              | -8.06                            | -5.00                                  |
| 6252            | -7.68                            | -0.80              | -8.48                            | -5.00                                  |
| 6377            | -8.04                            | -0.30              | -8.34                            | -5.00                                  |

Table 7-23. PSD Measurements (No TPC)

| Frequency [MHz] | Measured Power Density [dBm/MHz] | Antenna Gain [dBi] | e.i.r.p. Power Density [dBm/MHz] | e.i.r.p. Power Density Limit [dBm/MHz] |
|-----------------|----------------------------------|--------------------|----------------------------------|----------------------------------------|
|                 | Antenna WF5B                     |                    |                                  |                                        |
| 6115            | -15.79                           | -0.60              | -16.39                           | -11.00                                 |
| 6252            | -16.05                           | -0.80              | -16.85                           | -11.00                                 |
| 6377            | -15.87                           | -0.30              | -16.17                           | -11.00                                 |

Table 7-24. PSD Measurements (with TPC)



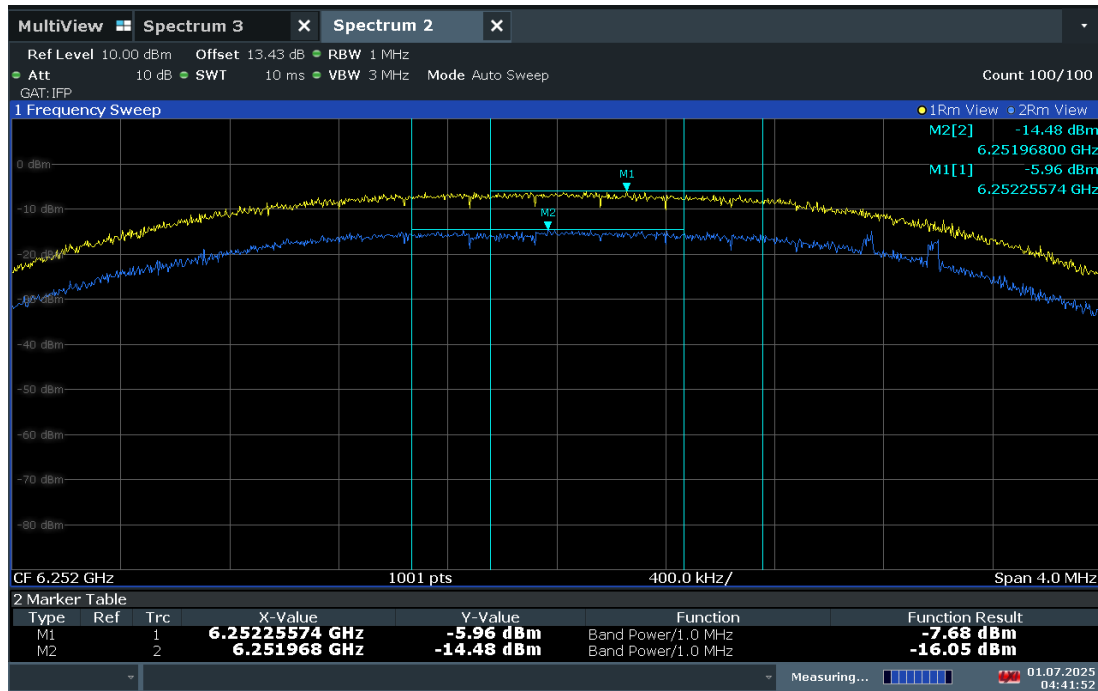
05:00:13 01.07.2025

Plot 7-408. Power Density Plot – 6115MHz Antenna WF5B

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 253 of 329                   |

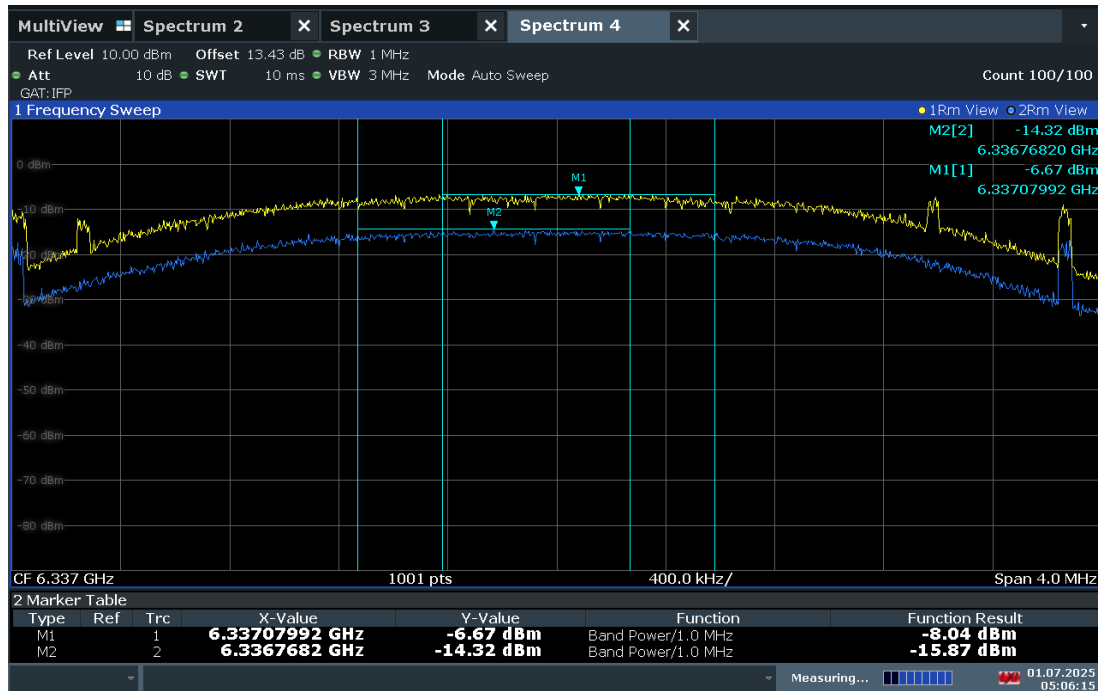
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04:41:52 01.07.2025

Plot 7-409. Power Density Plot – 6255MHz Antenna WF5B



05:06:16 01.07.2025

Plot 7-410. Power Density Plot – 6377MHz Antenna WF5B

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 254 of 329                   |

## 7.8 Radiated Spurious Emission – Above 1GHz

§15.407(b) §15.205 §15.209; RSS-Gen [8.9]

### Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2020 and KDB 789033 D02 v02r01, and at the appropriate frequencies. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

***For transmitters operating in the 5.925-7.125 GHz band: All emissions outside of the 5.925-7.125 GHz band shall not exceed an EIRP of -27 dBm/MHz. Emissions found in a restricted band are subject to the limits of 15.209 and RSS-Gen (8.9) as shown in the table below.***

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

**Table 7-25. Radiated Limits**

### Test Procedures Used

ANSI C63.10-2020 – Subclauses 12.7.7, 12.7.6  
KDB 789033 D02 v02r01 – Section G

### Test Settings

#### Average Field Strength Measurements

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

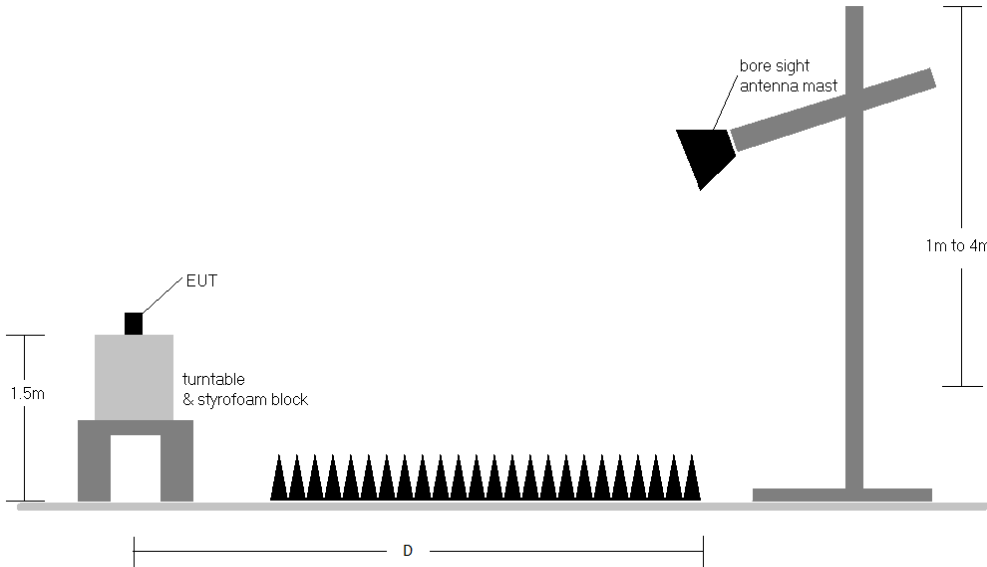
#### Peak Field Strength Measurements

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

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 255 of 329                   |

**Test Setup**

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



**Figure 7-8. Test Instrument & Measurement Setup**

|                                                   |                                                                                     |                                               |                                          |
|---------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                       | <b>EUT Type:</b><br>Tablet Device             | Page 256 of 329                          |

## Test Notes

1. All emissions that lie in the restricted bands (denoted by a \* next to the frequency) specified in §15.205 and section 8.10 of RSS-Gen are below the limit shown in Table 7-25.
2. All spurious emissions lying in restricted bands specified in §15.205 and section 8.10 of RSS-Gen are below the limit shown in Table 7-25. 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 three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. All data rates were investigated and only the worse case were reported
9. The “-” shown in the following RSE tables are used to denote a noise floor measurement.
10. All supported modulation and power schemes have been tested on the unit and only worst case configuration is reported.

## 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]

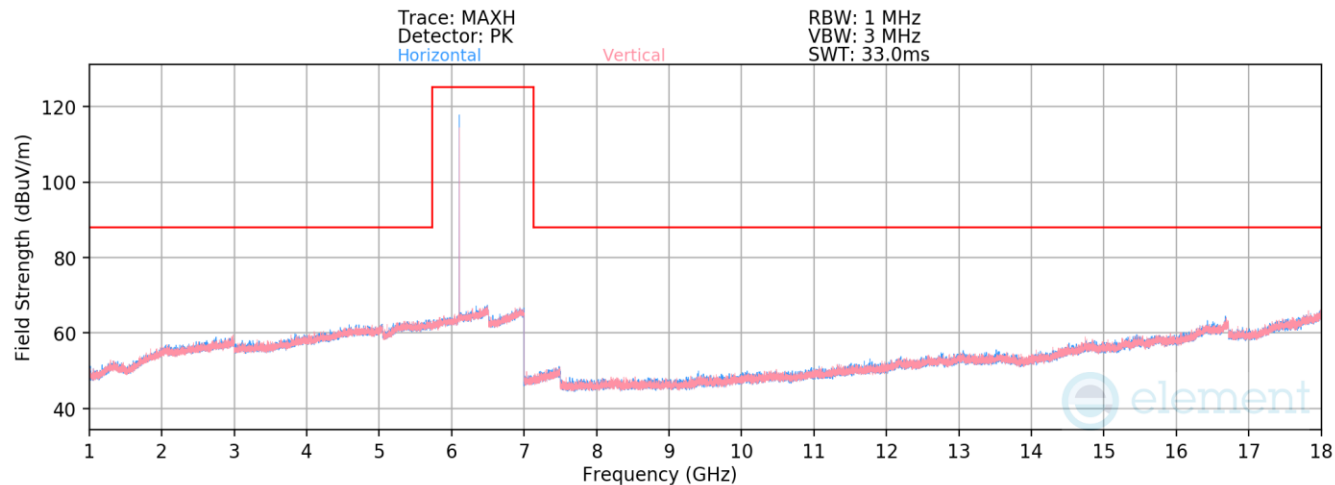
### Radiated Band Edge Measurement Offset

- The amplitude offset shown in the radiated restricted band edge plots in Section 7.8.3 to 7.8.7 was calculated using the formula:

$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360                |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                     | <b>EUT Type:</b><br>Tablet Device | Page 257 of 329                          |

7.8.1 TxBF Primary Radiated Spurious Emission (Above 1GHz)



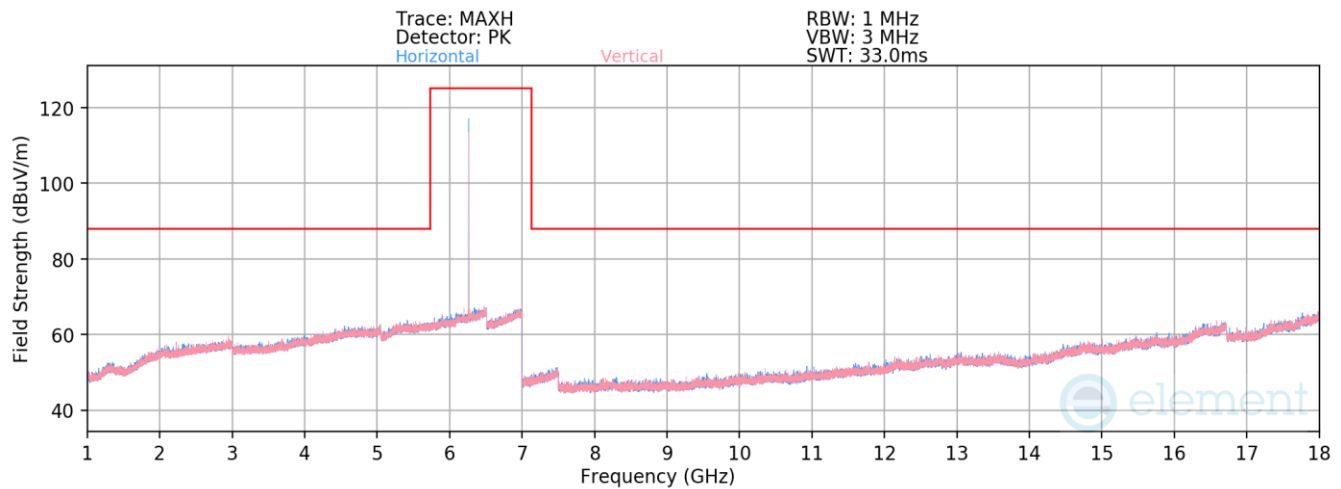
Plot 7-411. Radiated Spurious Emissions 1-18GHz TxBF Primary (BDR GFSK ePA – 6108MHz)

|                           |          |
|---------------------------|----------|
| Mode:                     | BDR      |
| Data Rate:                | 1Mbps    |
| Power Scheme:             | ePA      |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 6106MHz  |

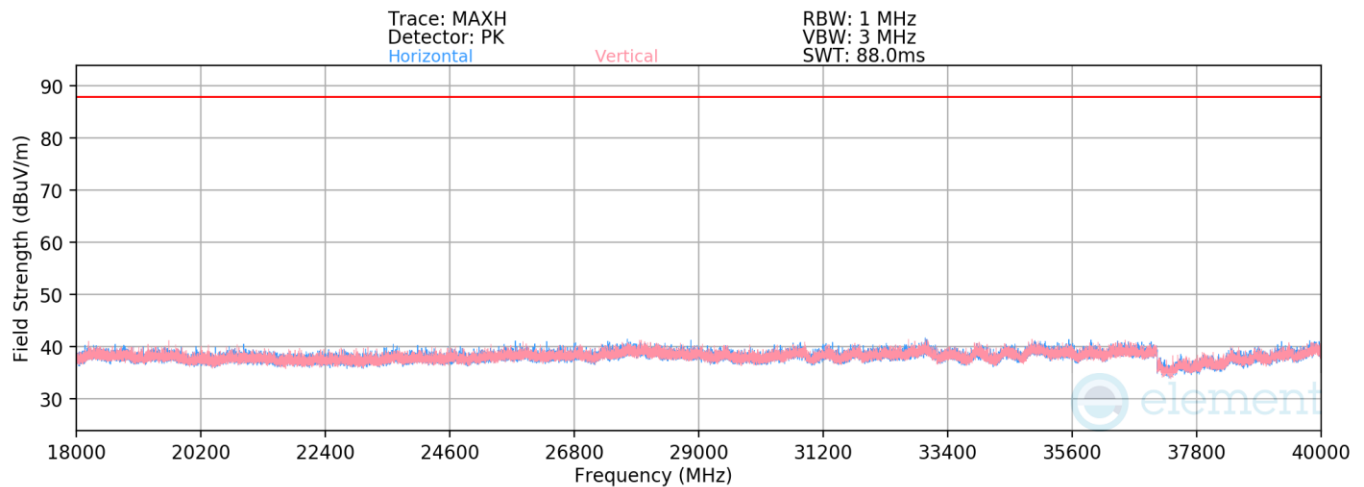
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12212.00      | Average  | H               | -                   | -                          | -82.14               | 17.61       | 42.46                   | 53.98          | -11.52      |
| * 12212.00      | Peak     | H               | -                   | -                          | -70.37               | 17.61       | 54.24                   | 73.98          | -19.74      |

Table 7-26. Radiated Spurious Emissions Measurements TxBF Primary

|                                            |                                        |                            |                                       |                                   |
|--------------------------------------------|----------------------------------------|----------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         | element                                |                            | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025 | EUT Type:<br>Tablet Device | Page 258 of 329                       |                                   |



**Plot 7-412. Radiated Spurious Emissions 1-18GHz TxBF Primary (BDR GFSK ePA – 6263MHz)**



**Plot 7-413. Radiated Spurious Emissions Above 18GHz (BDR GFSK ePA – 6263MHz)**

Mode: BDR

Data Rate: 1Mbps

Power Scheme: ePA

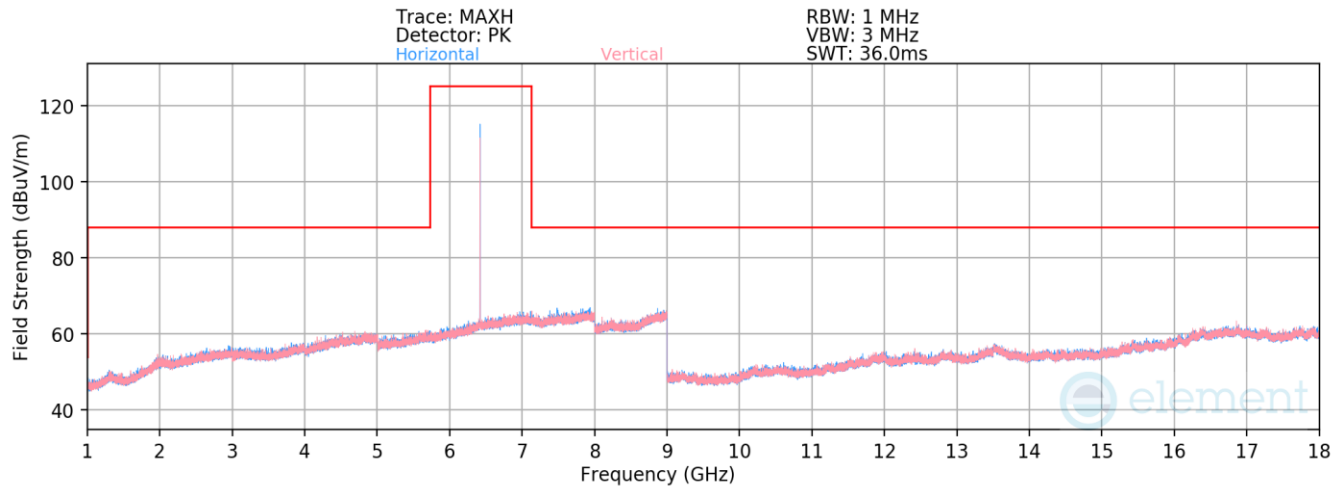
Distance of Measurements: 3 Meters

Operating Frequency: 6263MHz

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12526.00      | Average  | V               | -                   | -                          | -81.60               | 17.24       | 42.64                   | 53.98          | -11.34      |
| * 12526.00      | Peak     | V               | -                   | -                          | -70.28               | 17.24       | 53.96                   | 73.98          | -20.02      |

**Table 7-27. Radiated Spurious Emissions Measurements TxBF Primary**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 259 of 329                   |



**Plot 7-414. Radiated Spurious Emissions 1-18GHz TxBF Primary (BDR GFSK ePA – 6420MHz)**

Mode: BDR

Data Rate: 1Mbps

Power Scheme: ePA

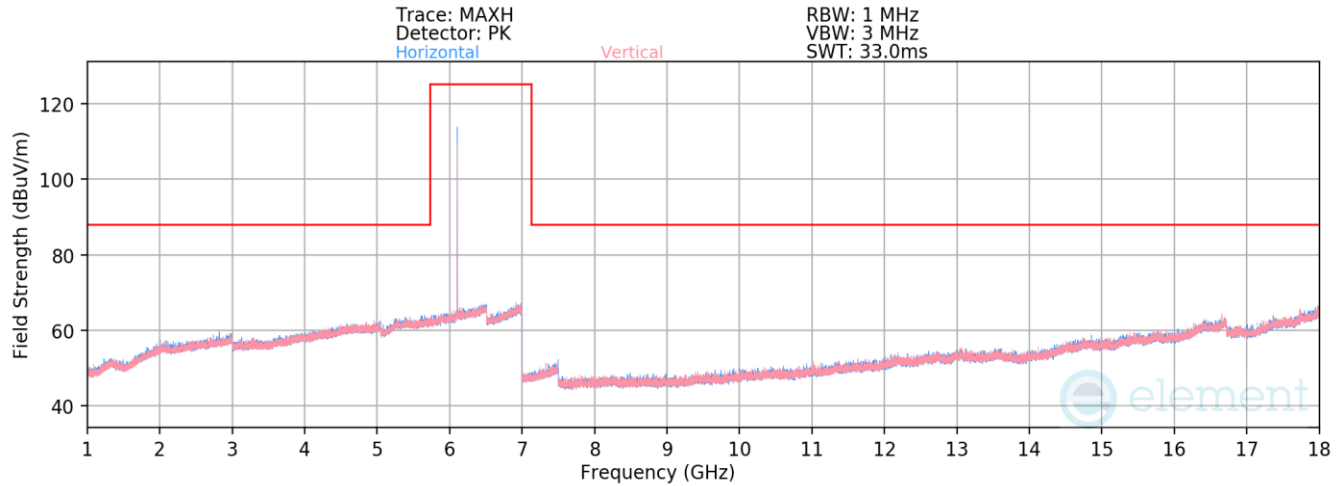
Distance of Measurements: 3 Meters

Operating Frequency: 6420MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12840.00        | Average  | H               | -                   | -                          | -84.97               | 21.97       | 44.00                   | 68.23          | -24.23      |
| 12840.00        | Peak     | H               | -                   | -                          | -73.97               | 21.97       | 55.00                   | 88.23          | -33.23      |

**Table 7-28. Radiated Spurious Emissions Measurements TxBF Primary**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 260 of 329                   |



**Plot 7-415. Radiated Spurious Emissions 1-18GHz TxBF Primary (HDR4 ePA – 6108MHz)**

Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

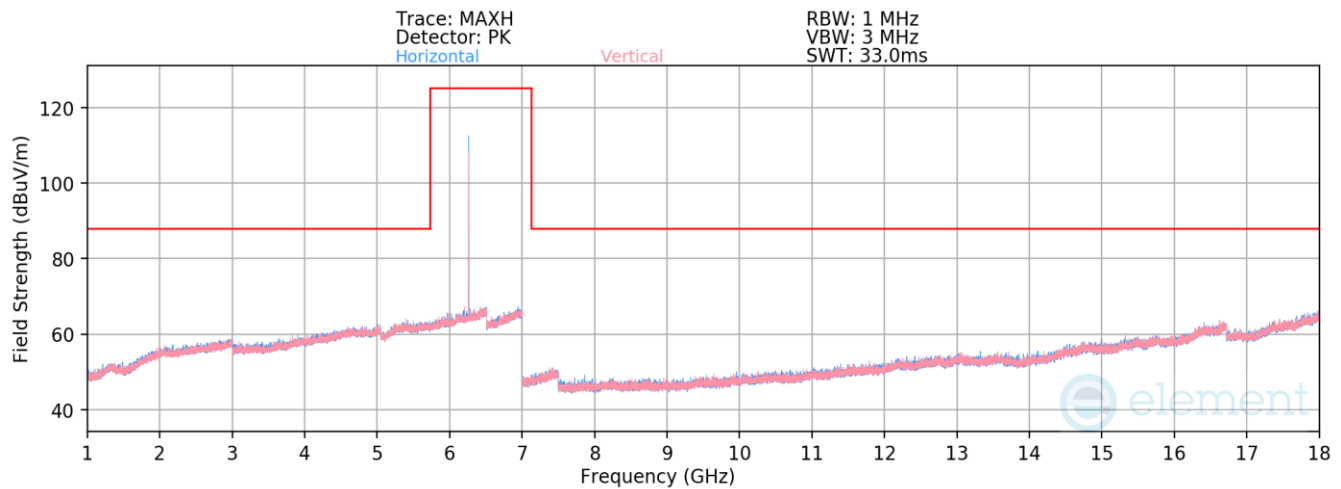
Distance of Measurements: 3 Meters

Operating Frequency: 6106MHz

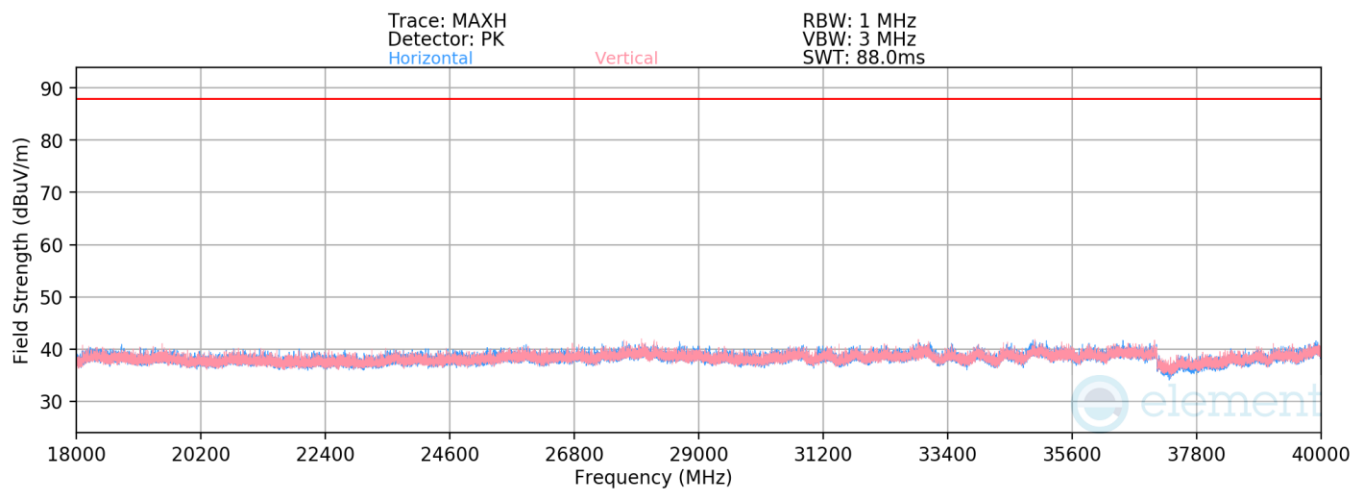
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12212.00      | Average  | V               | -                   | -                          | -82.16               | 17.61       | 42.45                   | 53.98          | -11.53      |
| * 12212.00      | Peak     | V               | -                   | -                          | -70.96               | 17.61       | 53.65                   | 73.98          | -20.33      |

**Table 7-29. Radiated Spurious Emissions Measurements TxBF Primary**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 261 of 329                   |



**Plot 7-416. Radiated Spurious Emissions 1-18GHz TxBF Primary (HDR4 ePA – 6263MHz)**



**Plot 7-417. Radiated Spurious Emissions Above 18GHz (HDR4 ePA – 6263MHz)**

Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

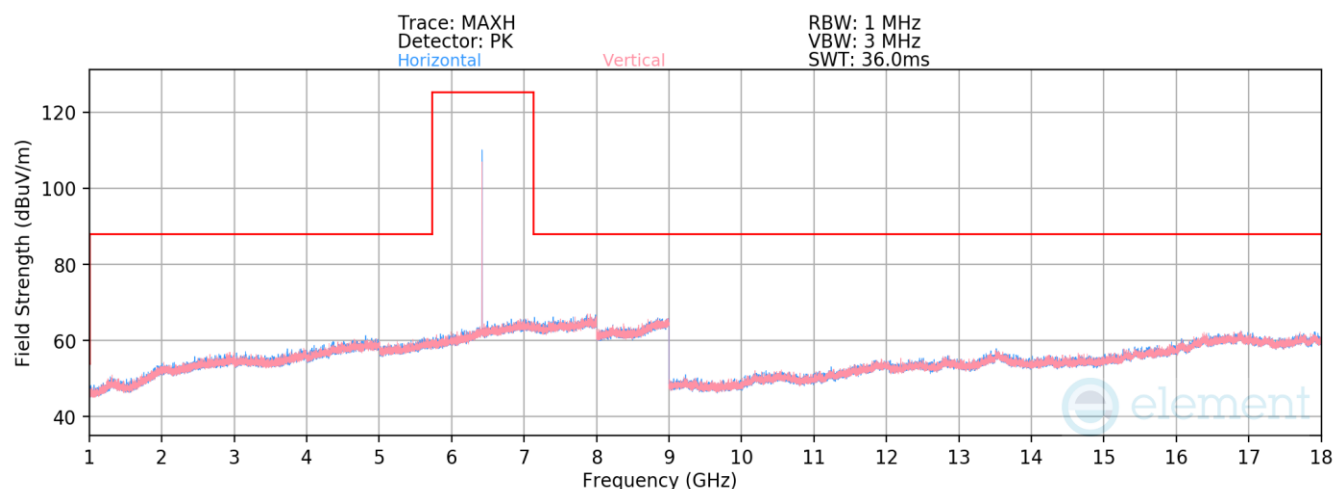
Distance of Measurements: 3 Meters

Operating Frequency: 6263MHz

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12526.00      | Average  | H               | -                   | -                          | -81.85               | 17.24       | 42.40                   | 53.98          | -11.58      |
| * 12526.00      | Peak     | H               | -                   | -                          | -70.08               | 17.24       | 54.17                   | 73.98          | -19.81      |

**Table 7-30. Radiated Spurious Emissions Measurements TxBF Primary**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 262 of 329                   |



**Plot 7-418. Radiated Spurious Emissions 1-18GHz TxBF Primary (HDR4 ePA – 6420MHz)**

Mode: HDR4  
Data Rate: 4Mbps  
Power Scheme: ePA  
Distance of Measurements: 3 Meters  
Operating Frequency: 6420MHz

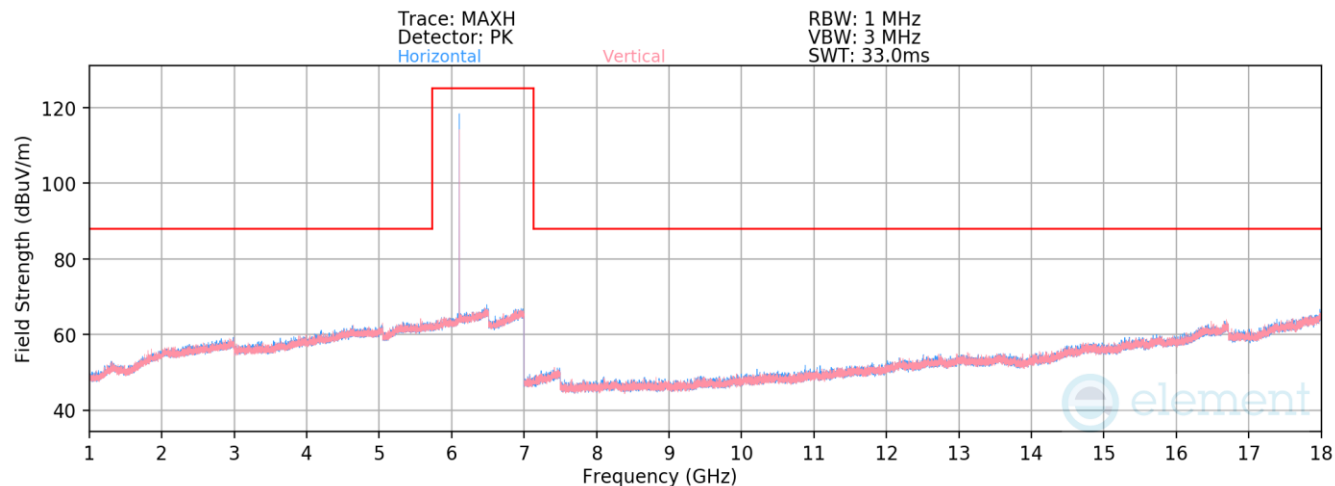
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12840.00        | Average  | V               | -                   | -                          | -84.98               | 21.67       | 43.69                   | 68.23          | -24.54      |
| 12840.00        | Peak     | V               | -                   | -                          | -73.18               | 21.67       | 55.49                   | 88.23          | -32.74      |

**Table 7-31. Radiated Spurious Emissions Measurements TxBF Primary**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 263 of 329                   |

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**Plot 7-419. Radiated Spurious Emissions 1-18GHz TxBF Primary (LE1M ePA – 6108MHz)**

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

Operating Frequency: 6106MHz

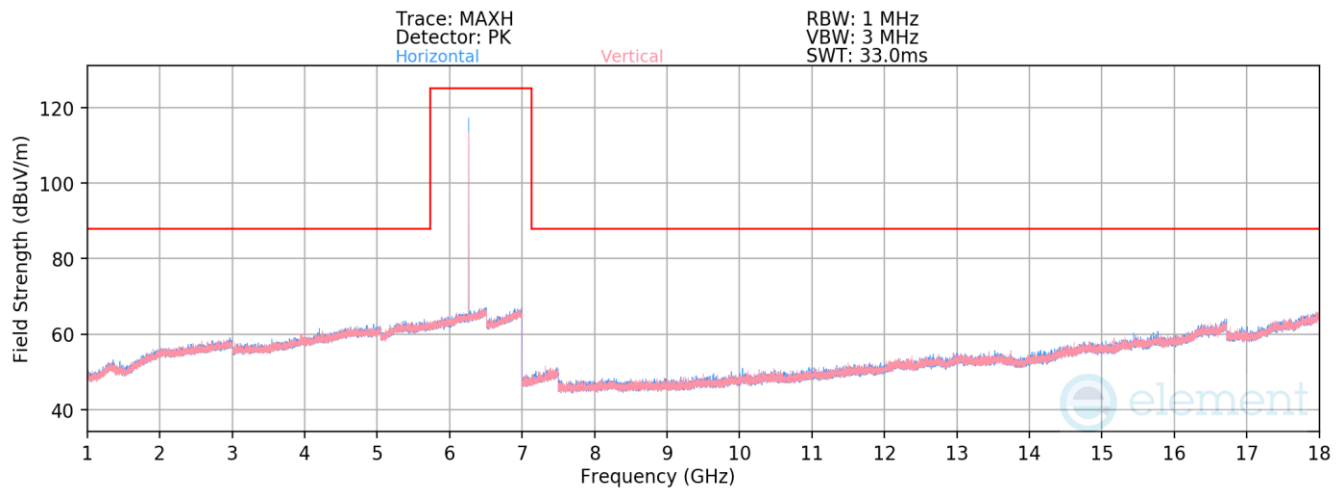
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12212.00      | Average  | H               | -                   | -                          | -82.03               | 17.61       | 42.58                   | 53.98          | -11.40      |
| * 12212.00      | Peak     | H               | -                   | -                          | -71.66               | 17.61       | 52.95                   | 73.98          | -21.03      |

**Table 7-32. Radiated Spurious Emissions Measurements TxBF Primary**

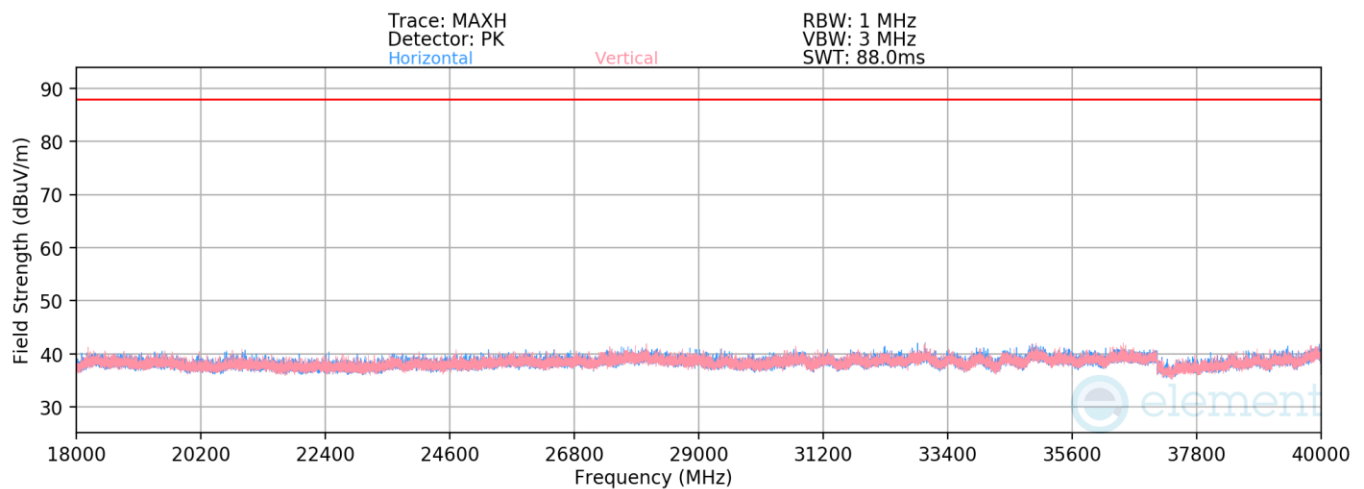
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 264 of 329                   |

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**Plot 7-420. Radiated Spurious Emissions 1-18GHz TxBF Primary (LE1M ePA – 6263MHz)**



**Plot 7-421. Radiated Spurious Emissions Above 18GHz (LE1M ePA – 6263MHz)**

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

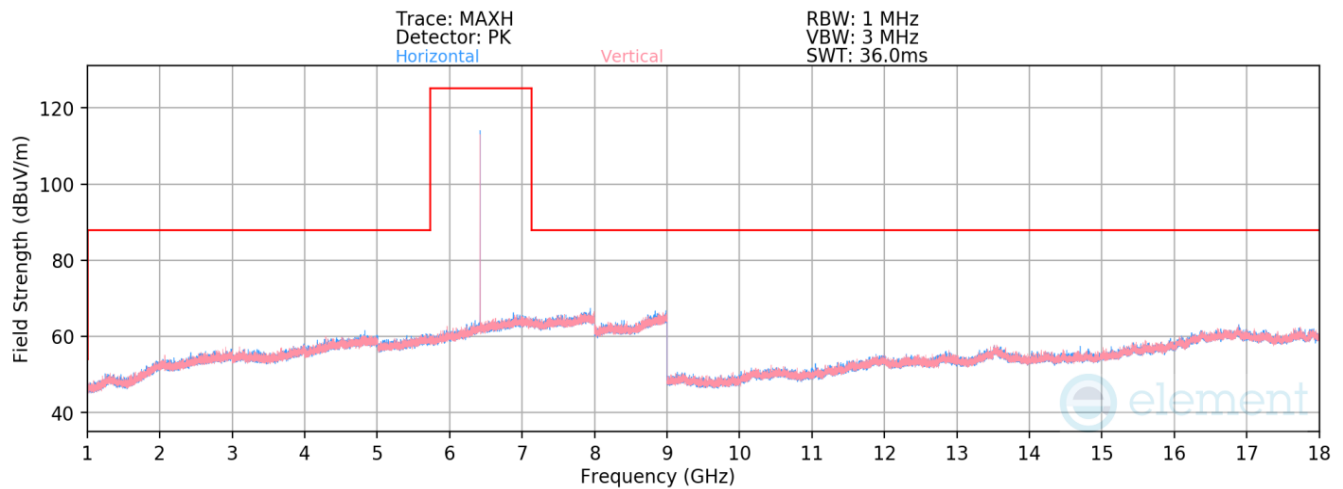
Distance of Measurements: 3 Meters

Operating Frequency: 6263MHz

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12526.00      | Average  | V               | -                   | -                          | -81.70               | 17.29       | 42.59                   | 53.98          | -11.39      |
| * 12526.00      | Peak     | V               | -                   | -                          | -70.88               | 17.29       | 53.41                   | 73.98          | -20.57      |

**Table 7-33. Radiated Spurious Emissions Measurements TxBF Primary**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 265 of 329                   |



**Plot 7-422. Radiated Spurious Emissions 1-18GHz TxBF Primary (LE1M ePA – 6420MHz)**

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

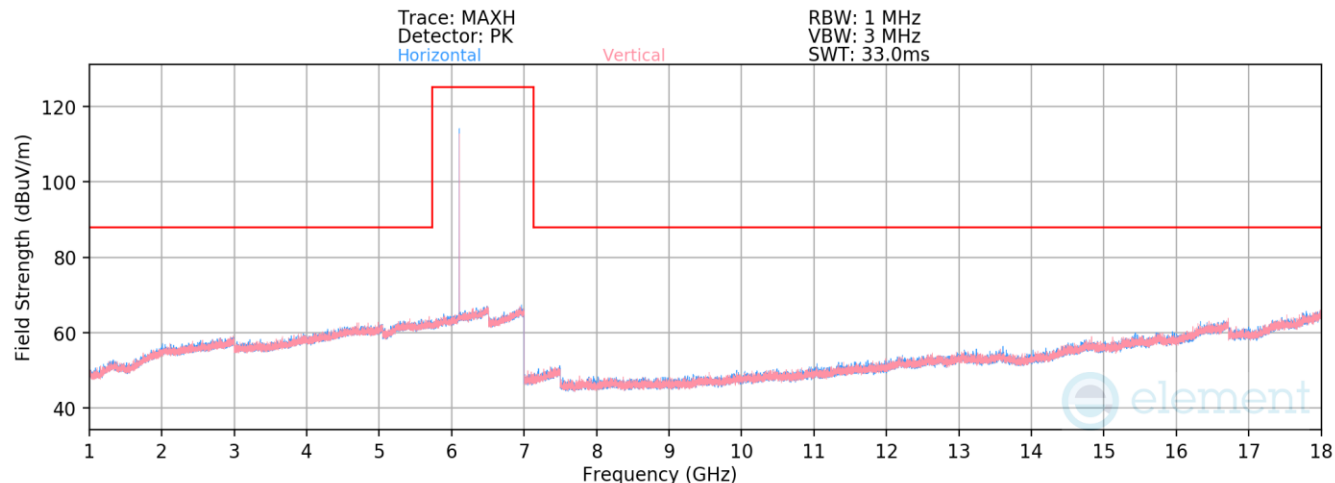
Operating Frequency: 6420MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12840.00        | Peak     | V               | -                   | -                          | -85.31               | 22.10       | 43.79                   | 68.23          | -24.44      |
| 12840.00        | Peak     | V               | -                   | -                          | -73.78               | 22.10       | 55.32                   | 88.23          | -32.91      |

**Table 7-34. Radiated Spurious Emissions Measurements TxBF Primary**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 266 of 329                   |

## 7.8.2 TxBF Diversity Radiated Spurious Emission (Above 1GHz)



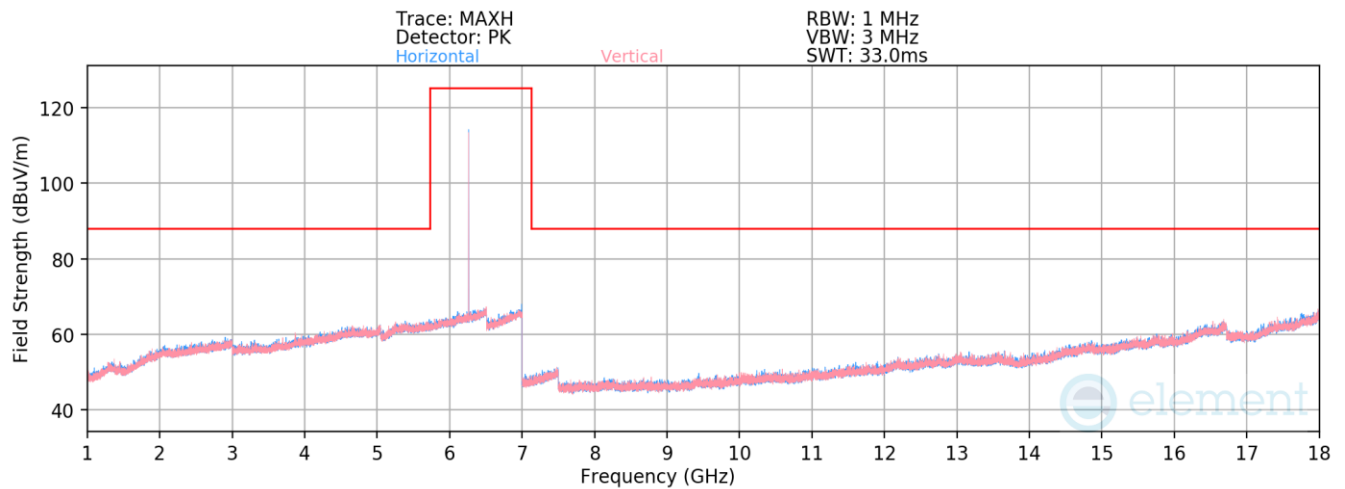
**Plot 7-423. Radiated Spurious Emissions 1-18GHz TxBF Diversity (BDR GFSK ePA – 6108MHz)**

|                           |          |
|---------------------------|----------|
| Mode:                     | BDR      |
| Data Rate:                | 1Mbps    |
| Power Scheme:             | ePA      |
| Distance of Measurements: | 3 Meters |
| Operating Frequency:      | 6106MHz  |

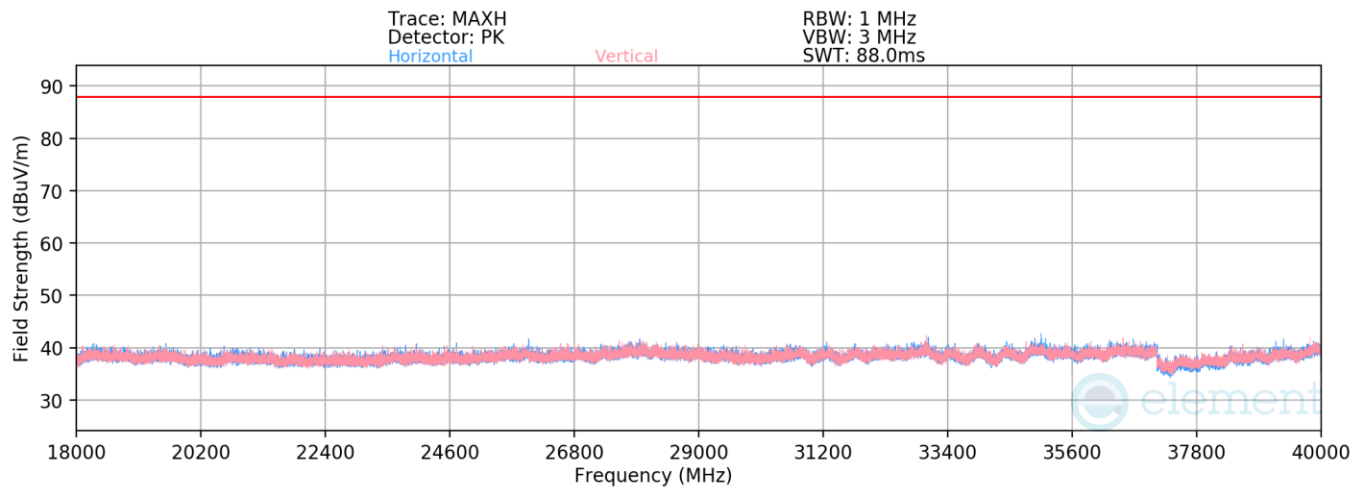
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12212.00      | Average  | V               | -                   | -                          | -82.39               | 17.61       | 42.21                   | 53.98          | -11.77      |
| * 12212.00      | Peak     | V               | -                   | -                          | -70.93               | 17.61       | 53.68                   | 73.98          | -20.30      |

**Table 7-35. Radiated Spurious Emissions Measurements TxBF Diversity**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                                                                            | EUT Type:<br>Tablet Device | Page 267 of 329                   |



**Plot 7-424. Radiated Spurious Emissions 1-18GHz TxBF Diversity (BDR GFSK ePA – 6263MHz)**



**Plot 7-425. Radiated Spurious Emissions Above 18GHz (BDR GFSK ePA – 6263MHz)**

Mode: BDR

Data Rate: 1Mbps

Power Scheme: ePA

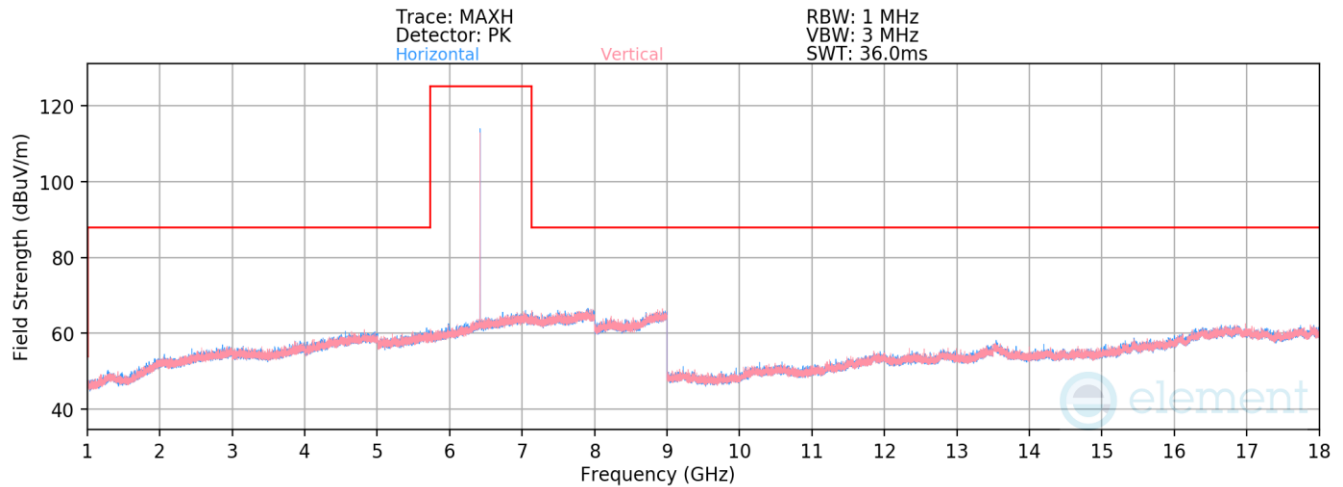
Distance of Measurements: 3 Meters

Operating Frequency: 6263MHz

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12526.00      | Average  | V               | -                   | -                          | -81.74               | 17.24       | 42.51                   | 53.98          | -11.47      |
| * 12526.00      | Peak     | V               | -                   | -                          | -69.64               | 17.24       | 54.61                   | 73.98          | -19.37      |

**Table 7-36. Radiated Spurious Emissions Measurements TxBF Diversity**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 268 of 329                   |



**Plot 7-426. Radiated Spurious Emissions 1-18GHz TxBF Diversity (BDR GFSK ePA - 6420MHz)**

Mode: BDR

Data Rate: 1Mbps

Power Scheme: ePA

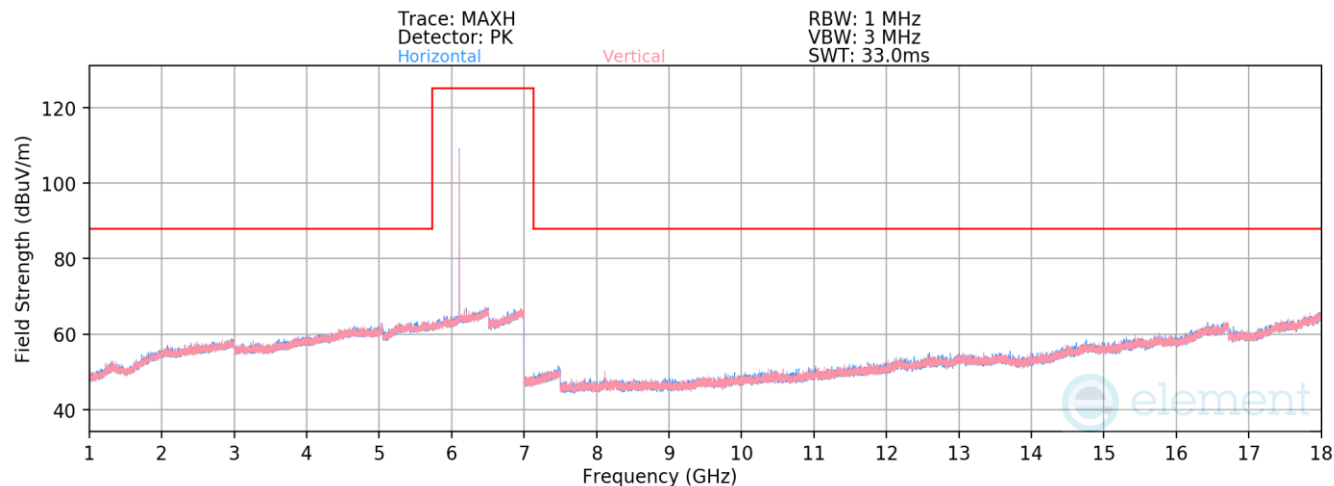
Distance of Measurements: 3 Meters

Operating Frequency: 6420MHz

| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12840.00        | Average  | V               | -                   | -                          | -85.40               | 22.10       | 43.70                   | 68.23          | -24.53      |
| 12840.00        | Peak     | V               | -                   | -                          | -73.58               | 22.10       | 55.52                   | 88.23          | -32.71      |

**Table 7-37. Radiated Spurious Emissions Measurements TxBF Diversity**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 269 of 329                   |



**Plot 7-427. Radiated Spurious Emissions 1-18GHz TxBF Diversity (HDR4 ePA – 6108MHz)**

Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

Operating Frequency: 6106MHz

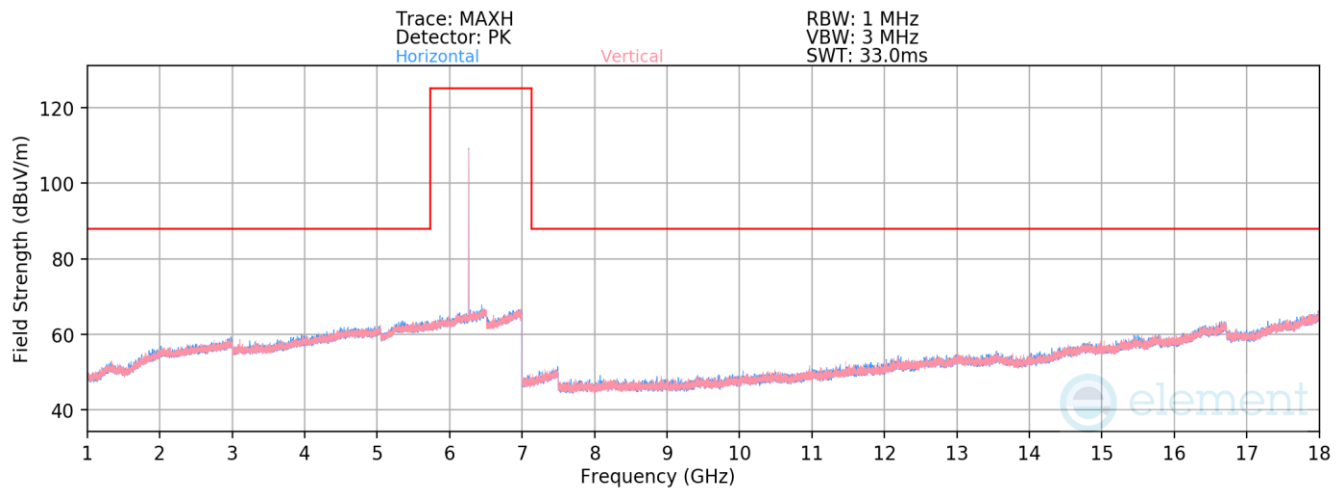
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12212.00      | Average  | H               | -                   | -                          | -82.16               | 17.61       | 42.45                   | 53.98          | -11.53      |
| * 12212.00      | Peak     | H               | -                   | -                          | -70.65               | 17.61       | 53.96                   | 73.98          | -20.02      |

**Table 7-38. Radiated Spurious Emissions Measurements TxBF Diversity**

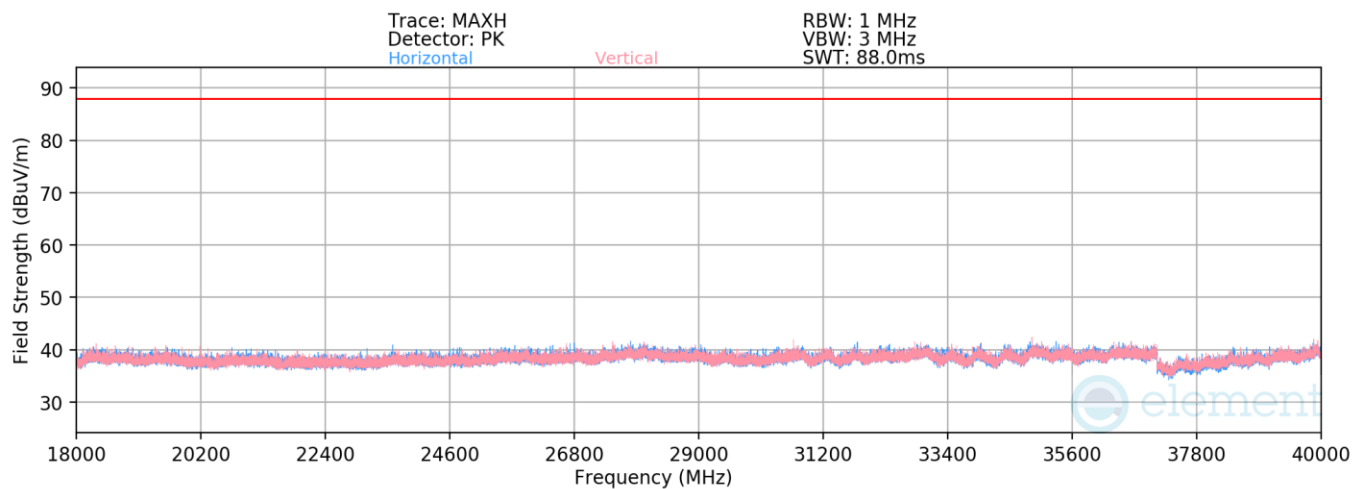
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 270 of 329                   |

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**Plot 7-428. Radiated Spurious Emissions 1-18GHz TxBF Diversity (HDR4 ePA – 6263MHz)**



**Plot 7-429. Radiated Spurious Emissions Above 18GHz (HDR4 ePA – 6263MHz)**

Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

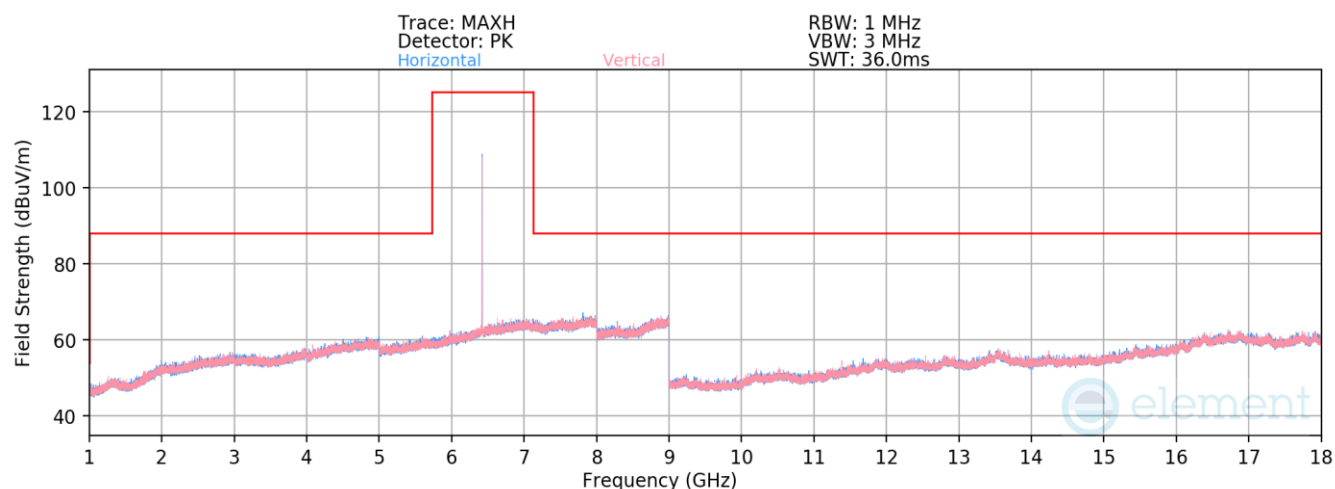
Distance of Measurements: 3 Meters

Operating Frequency: 6263MHz

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12526.00      | Average  | H               | -                   | -                          | -81.68               | 17.24       | 42.56                   | 53.98          | -11.42      |
| * 12526.00      | Peak     | H               | -                   | -                          | -70.28               | 17.24       | 53.96                   | 73.98          | -20.02      |

**Table 7-39. Radiated Spurious Emissions Measurements TxBF Diversity**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 271 of 329                   |



**Plot 7-430. Radiated Spurious Emissions 1-18GHz TxBF Diversity (HDR4 ePA - 6420MHz)**

Mode: HDR4

Data Rate: 4Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

Operating Frequency: 6420MHz

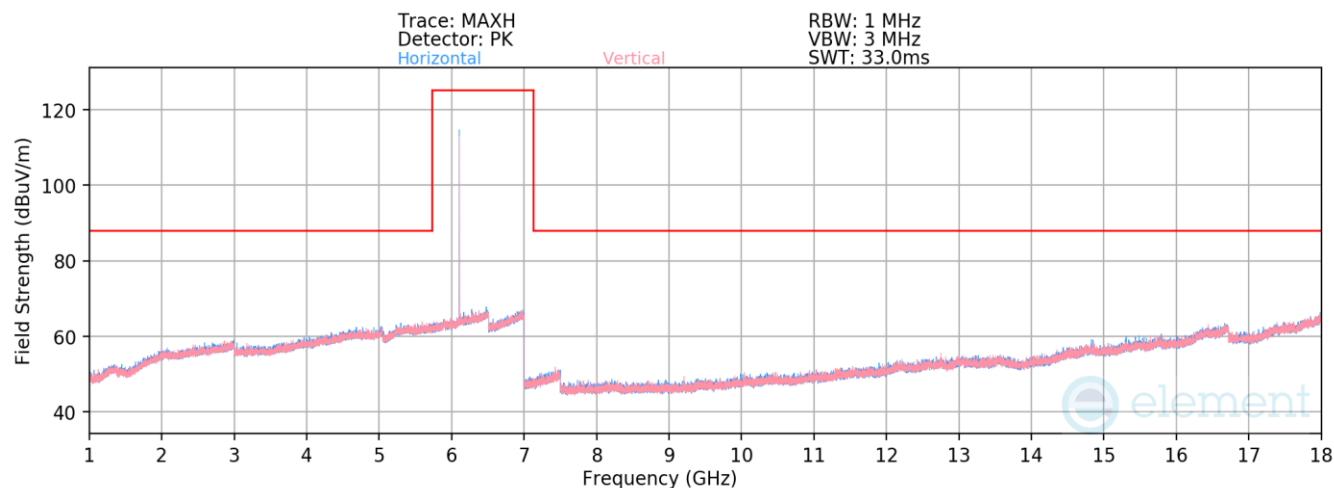
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | Limit [dBμV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12840.00        | Average  | H               | -                   | -                          | -85.18               | 21.97       | 43.79                   | 68.23          | -24.44      |
| 12840.00        | Peak     | H               | -                   | -                          | -73.60               | 21.97       | 55.37                   | 88.23          | -32.86      |

**Table 7-40. Radiated Spurious Emissions Measurements TxBF Diversity**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 272 of 329                   |

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**Plot 7-431. Radiated Spurious Emissions 1-18GHz TxBF Diversity (LE1M ePA – 6108MHz)**

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

Operating Frequency: 6106MHz

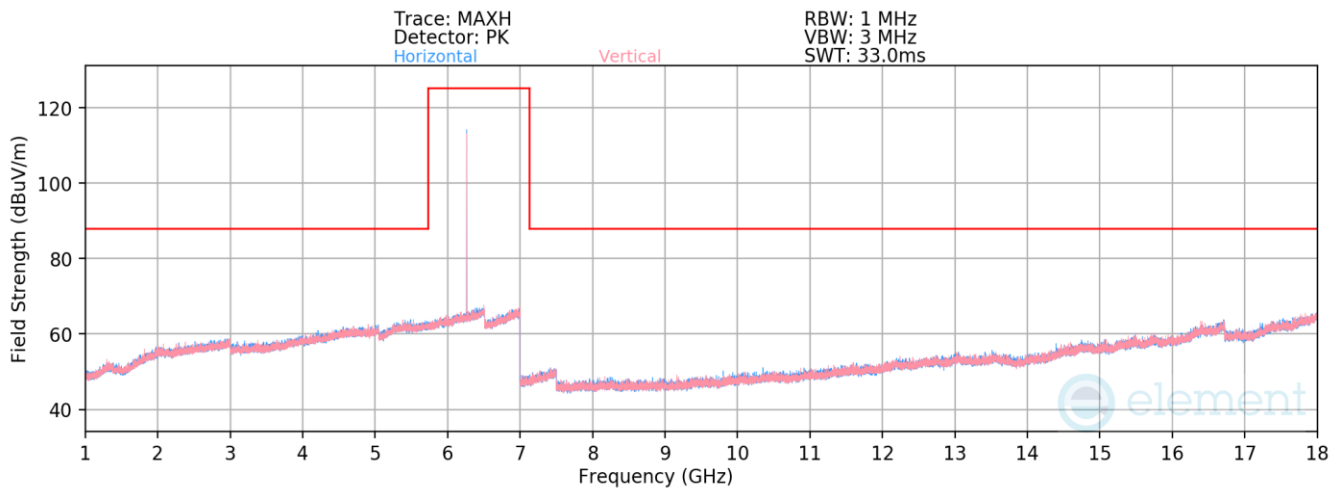
| Frequency [MHz] | Detector | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBuV/m] | Limit [dBuV/m] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12212.00      | Average  | H               | -                   | -                          | -82.13               | 17.61       | 42.47                   | 53.98          | -11.51      |
| * 12212.00      | Peak     | H               | -                   | -                          | -70.63               | 17.61       | 53.97                   | 73.98          | -20.01      |

**Table 7-41. Radiated Spurious Emissions Measurements TxBF Diversity**

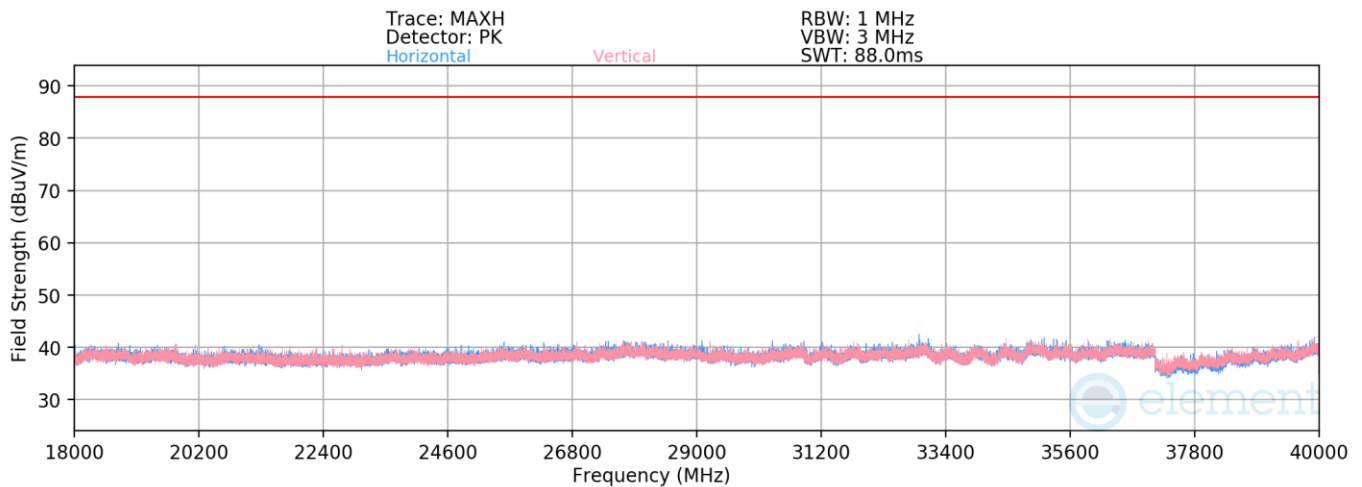
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 273 of 329                   |

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**Plot 7-432. Radiated Spurious Emissions 1-18GHz TxBF Diversity (LE1M ePA – 6263MHz)**



**Plot 7-433. Radiated Spurious Emissions Above 18GHz (LE1M ePA – 6263MHz)**

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

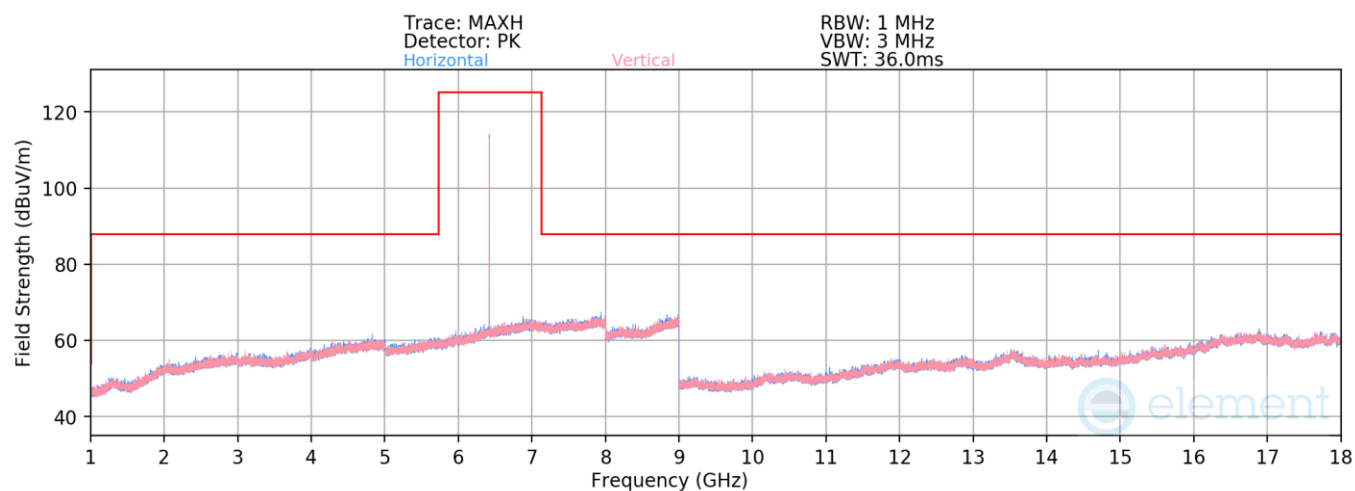
Distance of Measurements: 3 Meters

Operating Frequency: 6263MHz

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| * 12526.00      | Average  | H               | -                   | -                          | -81.61               | 17.24       | 42.63                   | 53.98          | -11.35      |
| * 12526.00      | Peak     | H               | -                   | -                          | -70.67               | 17.24       | 53.57                   | 73.98          | -20.41      |

**Table 7-42. Radiated Spurious Emissions Measurements TxBF Diversity**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 274 of 329                   |



**Plot 7-434. Radiated Spurious Emissions 1-18GHz TxBF Diversity (LE1M ePA - 6420MHz)**

Mode: LE1M

Data Rate: 1Mbps

Power Scheme: ePA

Distance of Measurements: 3 Meters

Operating Frequency: 6420MHz

| 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] |
|-----------------|----------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|----------------|-------------|
| 12840.00        | Peak     | H               | -                   | -                          | -85.45               | 22.10       | 43.65                   | 68.23          | -24.58      |
| 12840.00        | Peak     | H               | -                   | -                          | -73.91               | 22.10       | 55.19                   | 88.23          | -33.04      |

**Table 7-43. Radiated Spurious Emissions Measurements TxBF Diversity**

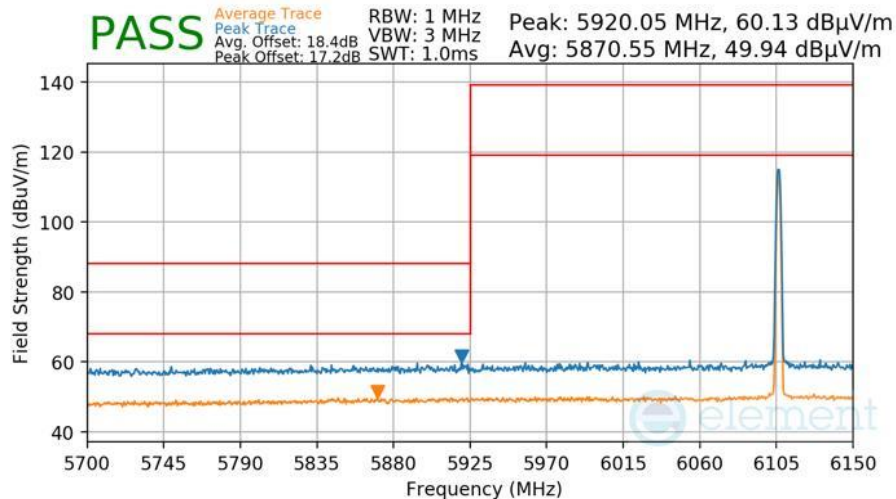
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 275 of 329                   |

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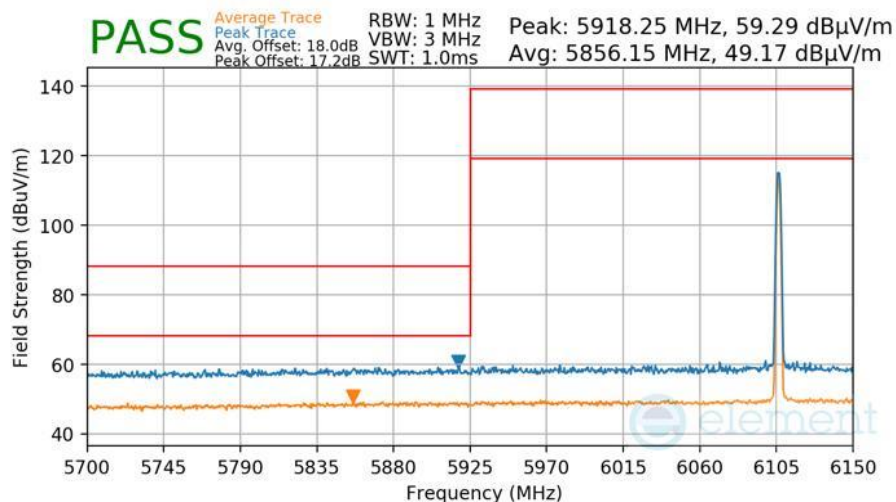
### 7.8.3 Antenna WF5B Radiated Band Edge Measurements

|                         |          |
|-------------------------|----------|
| Mode                    | BDR      |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 6106MHz  |



Plot 7-435 Radiated Lower Band Edge Measurement Antenna WF5B

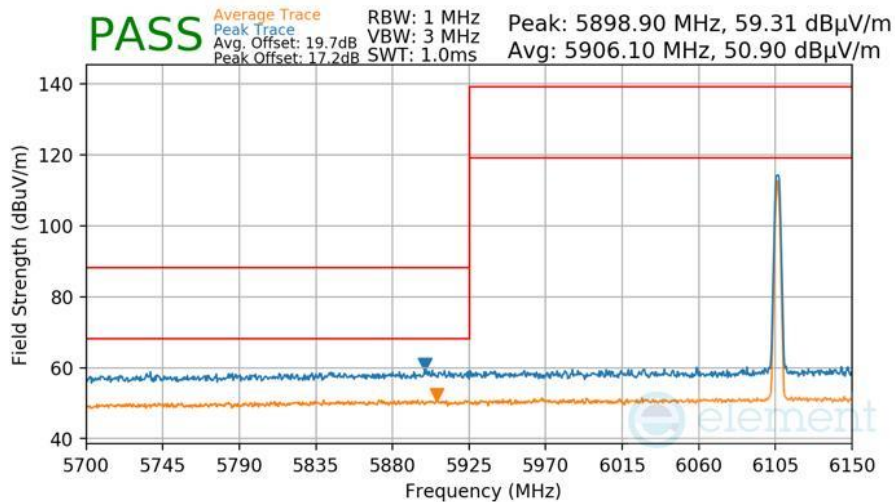
|                         |          |
|-------------------------|----------|
| Mode                    | LE1M     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 6106MHz  |



Plot 7-436 Radiated Lower Band Edge Measurement Antenna WF5B

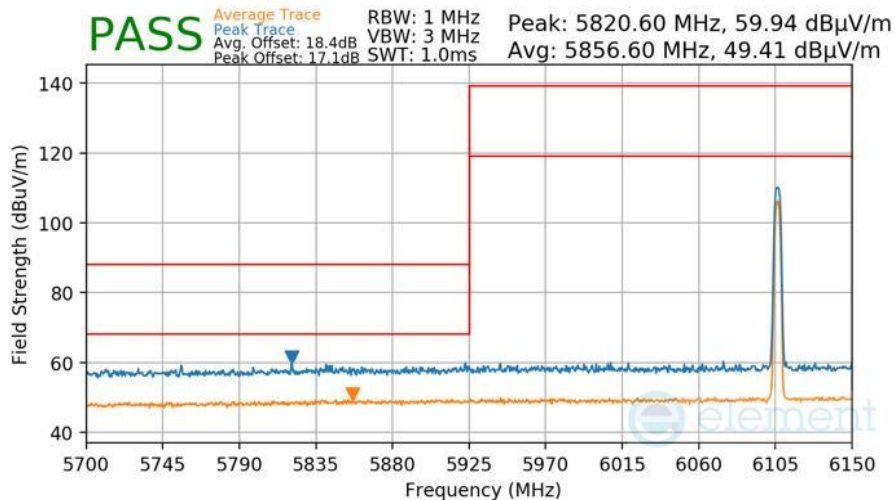
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 276 of 329                   |

**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6106MHz



Plot 7-437 Radiated Lower Band Edge Measurement Antenna WF5B

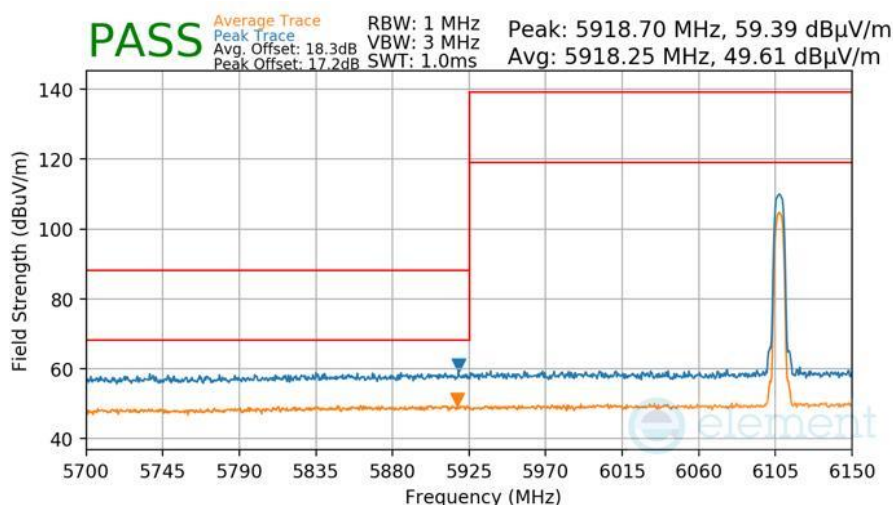
**Mode** HDR4  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6106MHz



Plot 7-438 Radiated Lower Band Edge Measurement Antenna WF5B

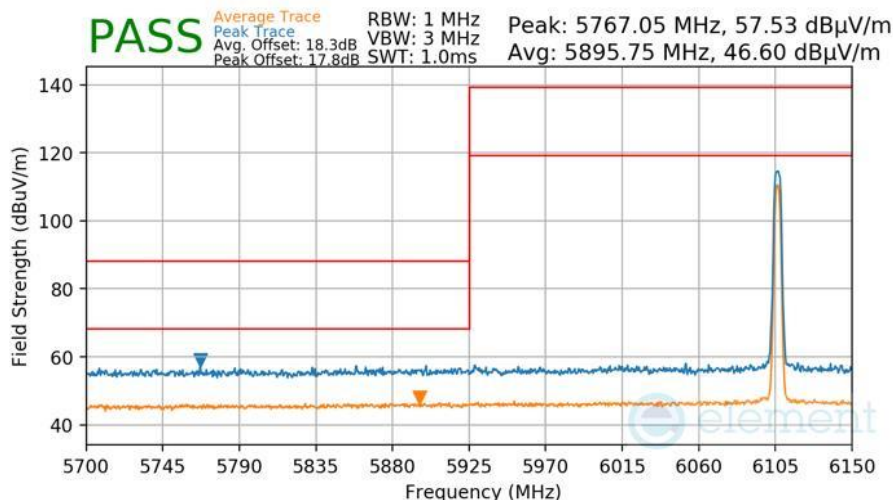
|                                                   |                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                    | <b>EUT Type:</b><br>Tablet Device | Page 277 of 329                          |

**Mode** HDR8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6107MHz



Plot 7-439 Radiated Lower Band Edge Measurement Antenna WF5B

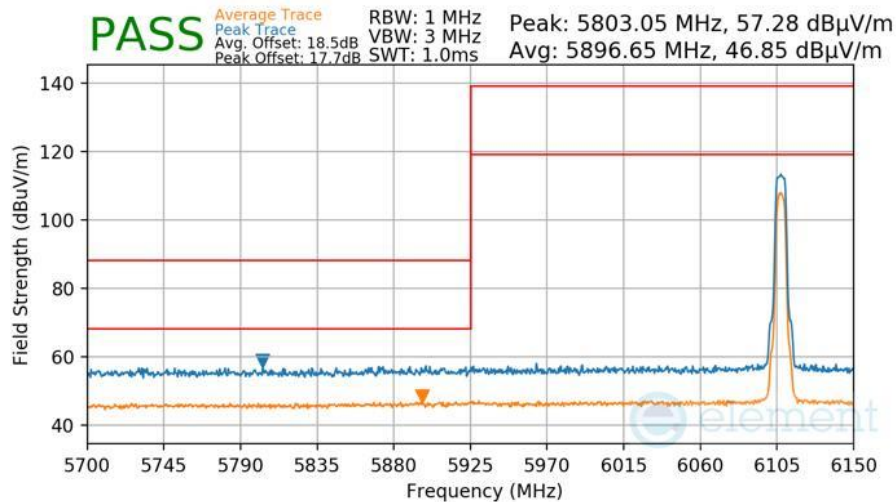
**Mode** XHDRPS2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6106MHz



Plot 7-440 Radiated Lower Band Edge Measurement Antenna WF5B

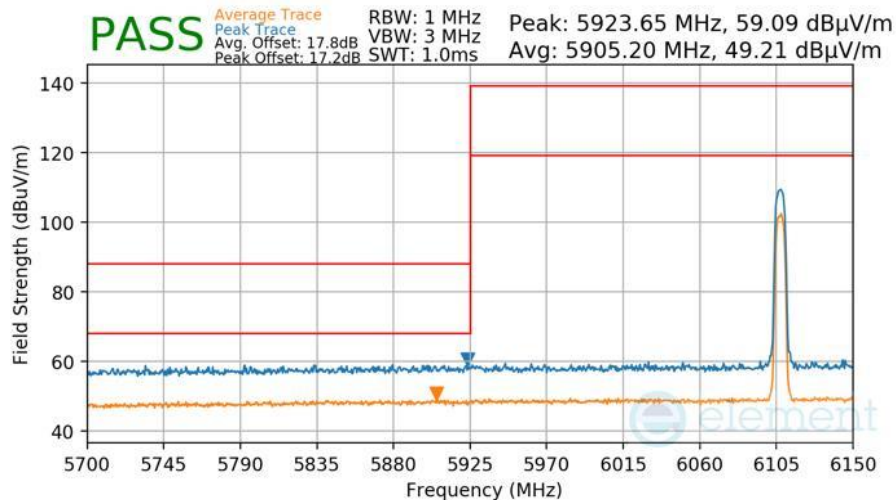
|                                                   |                                                                                                                                         |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                           | <b>EUT Type:</b><br>Tablet Device | Page 278 of 329                          |

**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6107MHz



Plot 7-441 Radiated Lower Band Edge Measurement Antenna WF5B

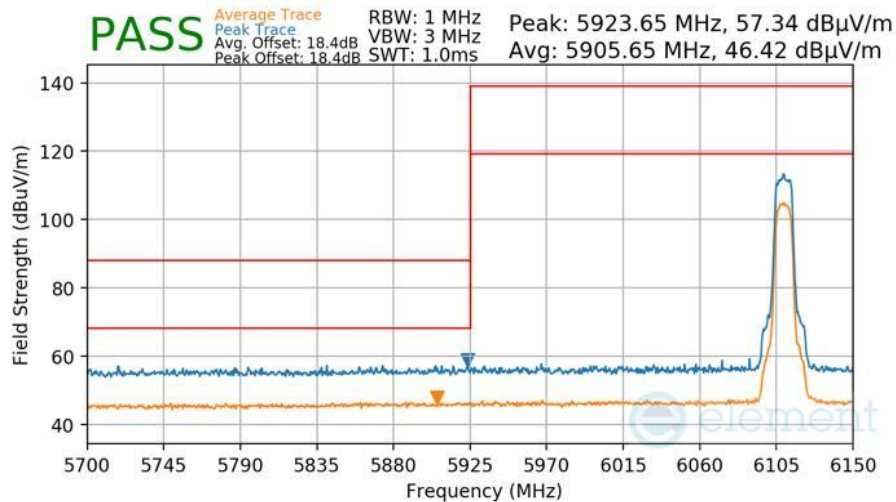
**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6107MHz



Plot 7-442 Radiated Lower Band Edge Measurement Antenna WF5B

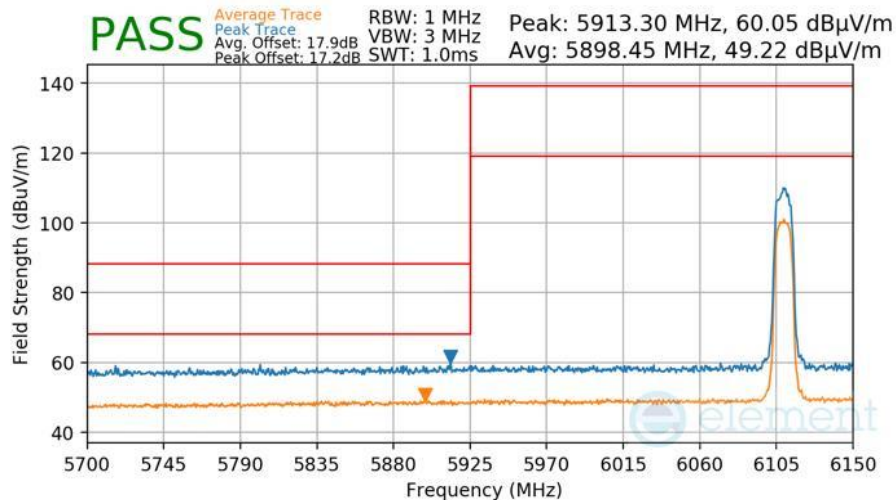
|                                                   |                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                    | <b>EUT Type:</b><br>Tablet Device | Page 279 of 329                          |

**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6109MHz



Plot 7-443 Radiated Lower Band Edge Measurement Antenna WF5B

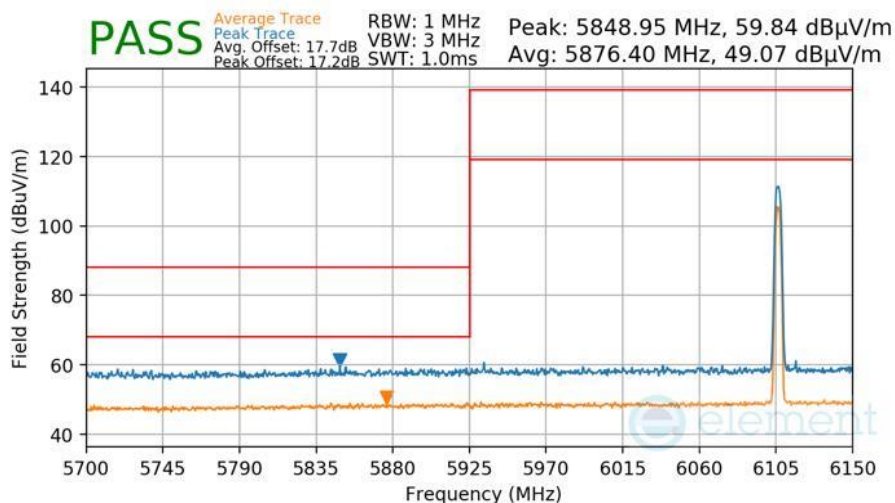
**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6109MHz



Plot 7-444 Radiated Lower Band Edge Measurement Antenna WF5B

|                                                   |                                                                                                                                         |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                           | <b>EUT Type:</b><br>Tablet Device | Page 280 of 329                          |

|                         |          |
|-------------------------|----------|
| Mode                    | HDT8     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 6106MHz  |



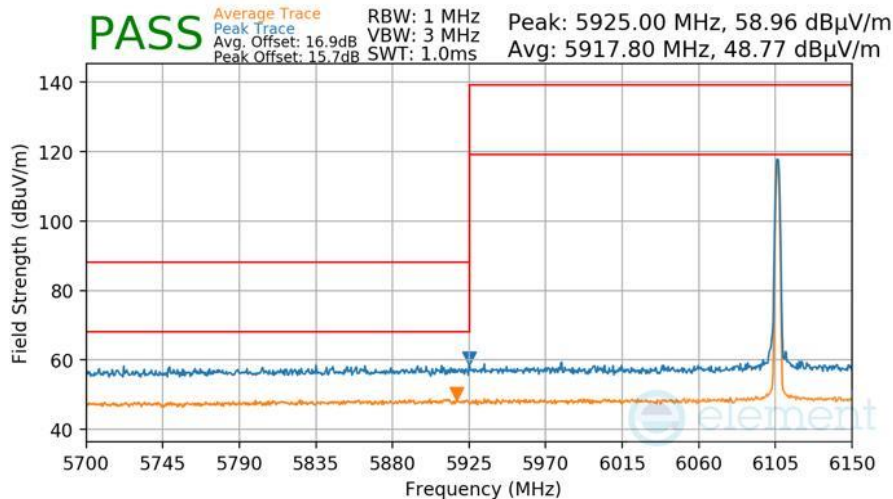
Plot 7-445 Radiated Lower Band Edge Measurement Antenna WF5B

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 281 of 329                   |

## 7.8.4 Antenna WF8 Radiated Band Edge Measurements

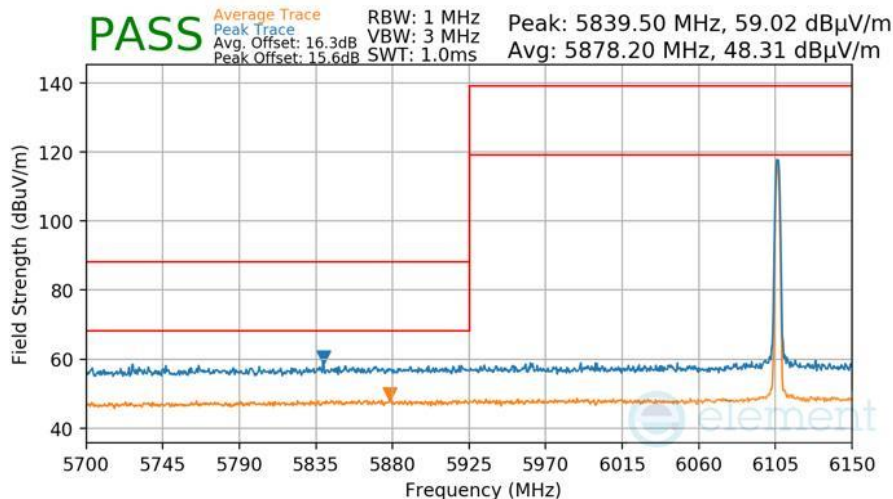
\$15.407(b.1)(b.2) \$15.205 \$15.209

|                         |          |
|-------------------------|----------|
| Mode                    | BDR      |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 6106MHz  |



Plot 7-446 Radiated Lower Band Edge Measurement Antenna WF8

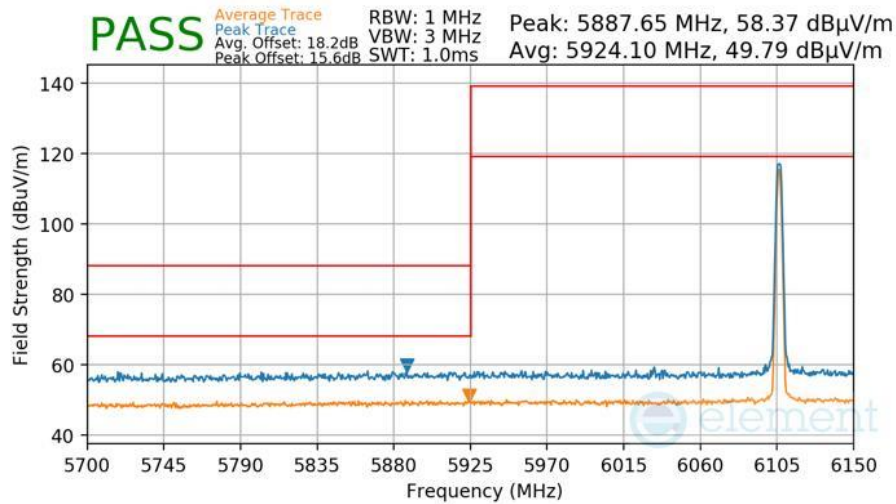
|                         |          |
|-------------------------|----------|
| Mode                    | LE1M     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 6106MHz  |



Plot 7-447 Radiated Lower Band Edge Measurement Antenna WF8

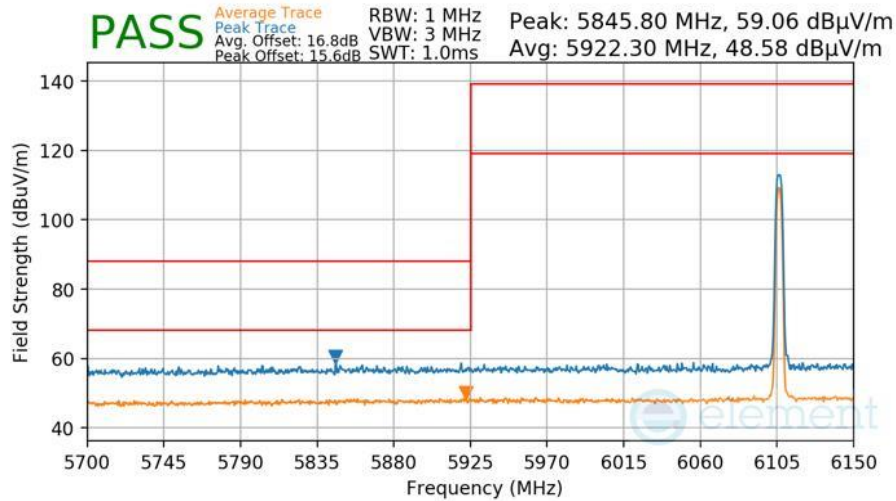
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 282 of 329                   |

**Mode** LE2M  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6106MHz



Plot 7-448 Radiated Lower Band Edge Measurement Antenna WF8

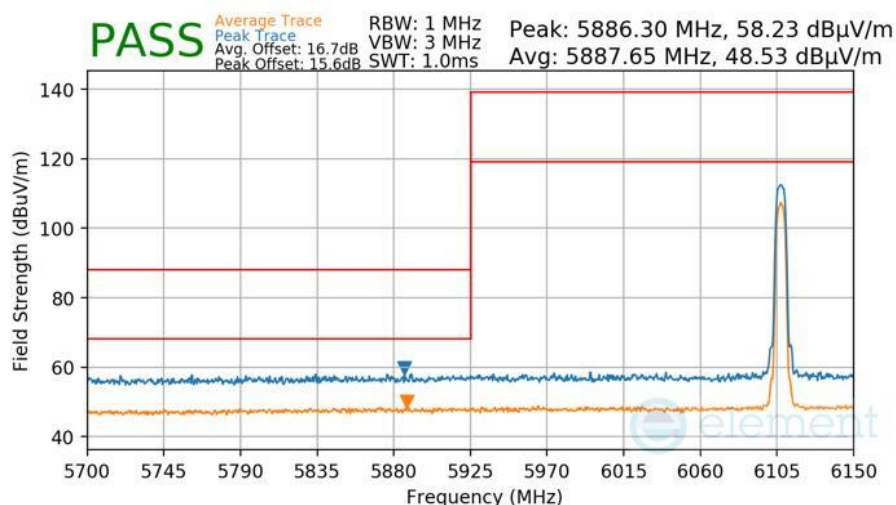
**Mode** HDR4  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6106MHz



Plot 7-449 Radiated Lower Band Edge Measurement Antenna WF8

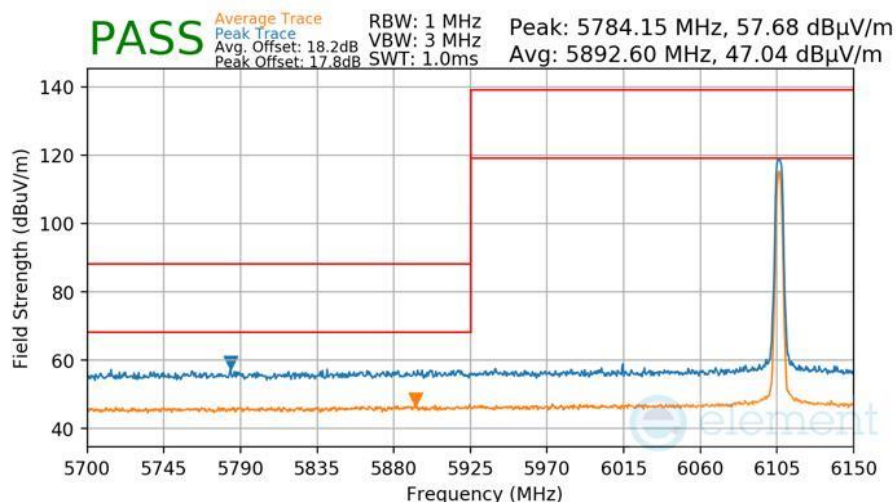
|                                                   |                                                                                                                                         |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                           | <b>EUT Type:</b><br>Tablet Device | Page 283 of 329                          |

**Mode** HDR8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6107MHz



Plot 7-450 Radiated Lower Band Edge Measurement Antenna WF8

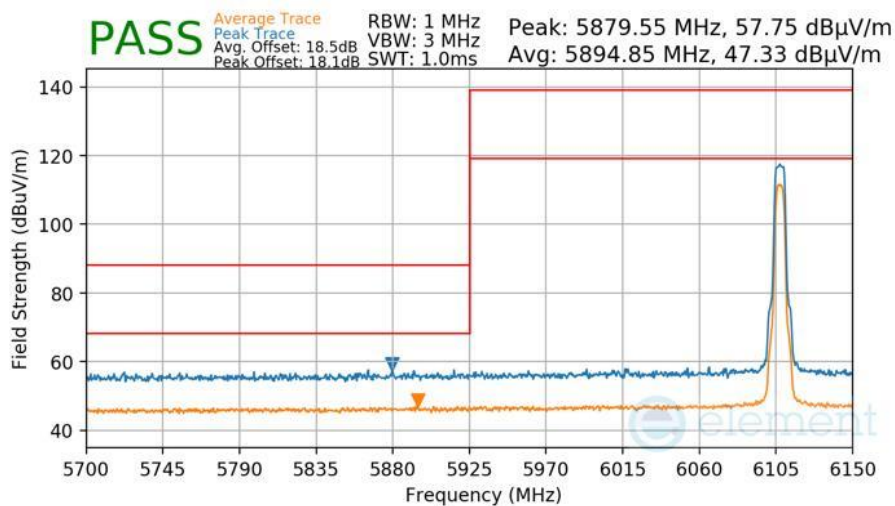
**Mode** XHDRPS2  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6106MHz



Plot 7-451 Radiated Lower Band Edge Measurement Antenna WF8

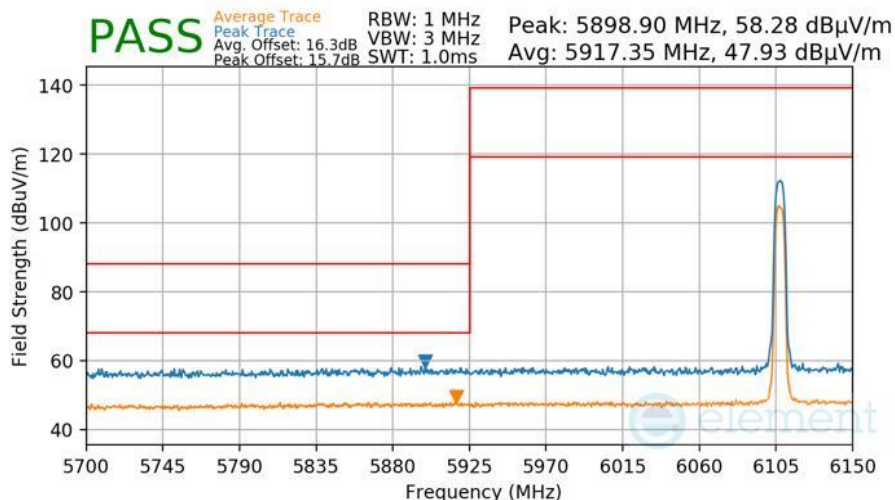
|                                                   |                                                                                                                                  |                                   |                                          |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br>(CERTIFICATION) |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                    | <b>EUT Type:</b><br>Tablet Device | Page 284 of 329                          |

**Mode** XHDRPM8  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6107MHz



Plot 7-452 Radiated Lower Band Edge Measurement Antenna WF8

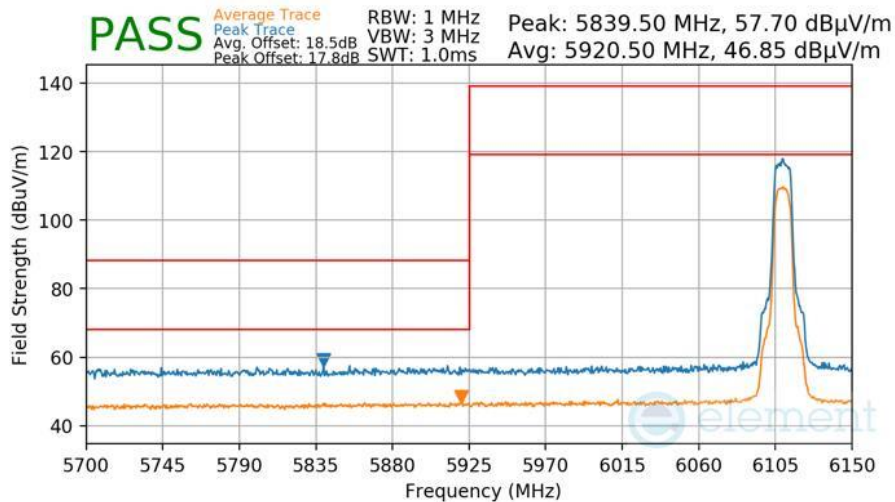
**Mode** XHDRPM16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6107MHz



Plot 7-453 Radiated Lower Band Edge Measurement Antenna WF8

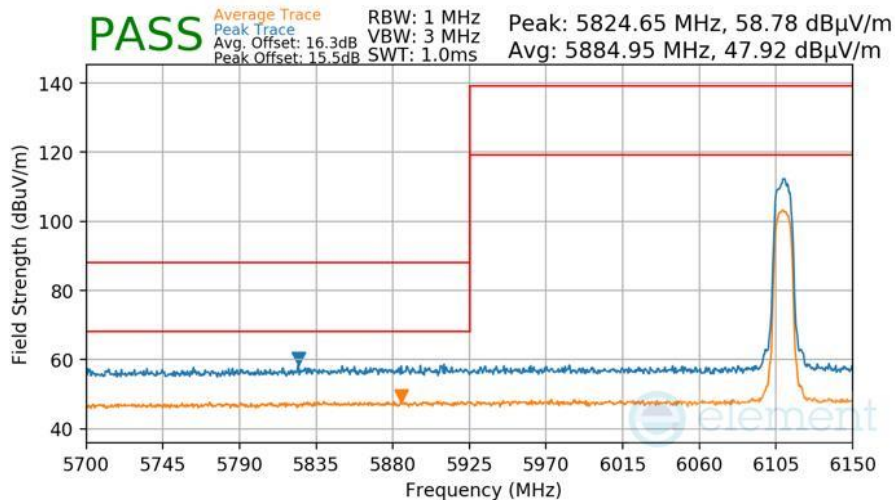
|                                                   |                                                                                                                                         |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                           | <b>EUT Type:</b><br>Tablet Device | Page 285 of 329                          |

**Mode** XHDRPL16  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6109MHz



Plot 7-454 Radiated Lower Band Edge Measurement Antenna WF8

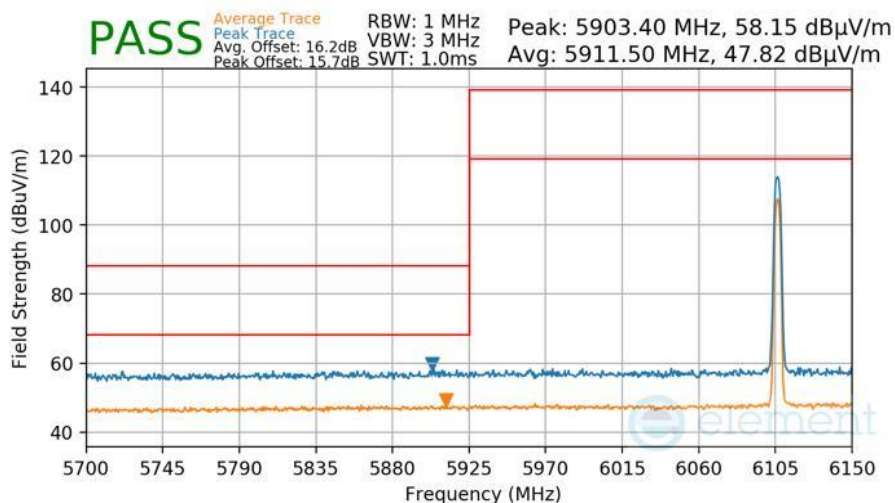
**Mode** XHDRPL32  
**Power Scheme** ePA  
**Distance of Measurement** 3 Meters  
**Operating Frequency** 6109MHz



Plot 7-455 Radiated Lower Band Edge Measurement Antenna WF8

|                                                   |                                                                                                                                         |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3360<br><b>IC:</b> 579C-A3360  |  <b>MEASUREMENT REPORT</b><br><b>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2504170040-11-R3.BCG | <b>Test Dates:</b><br>05/12/2025 - 08/13/2025                                                                                           | <b>EUT Type:</b><br>Tablet Device | Page 286 of 329                          |

|                         |          |
|-------------------------|----------|
| Mode                    | HDT8     |
| Power Scheme            | ePA      |
| Distance of Measurement | 3 Meters |
| Operating Frequency     | 6106MHz  |



Plot 7-456 Radiated Lower Band Edge Measurement Antenna WF8

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3360<br>IC: 579C-A3360         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2504170040-11-R3.BCG | Test Dates:<br>05/12/2025 - 08/13/2025                                              | EUT Type:<br>Tablet Device            | Page 287 of 329                   |