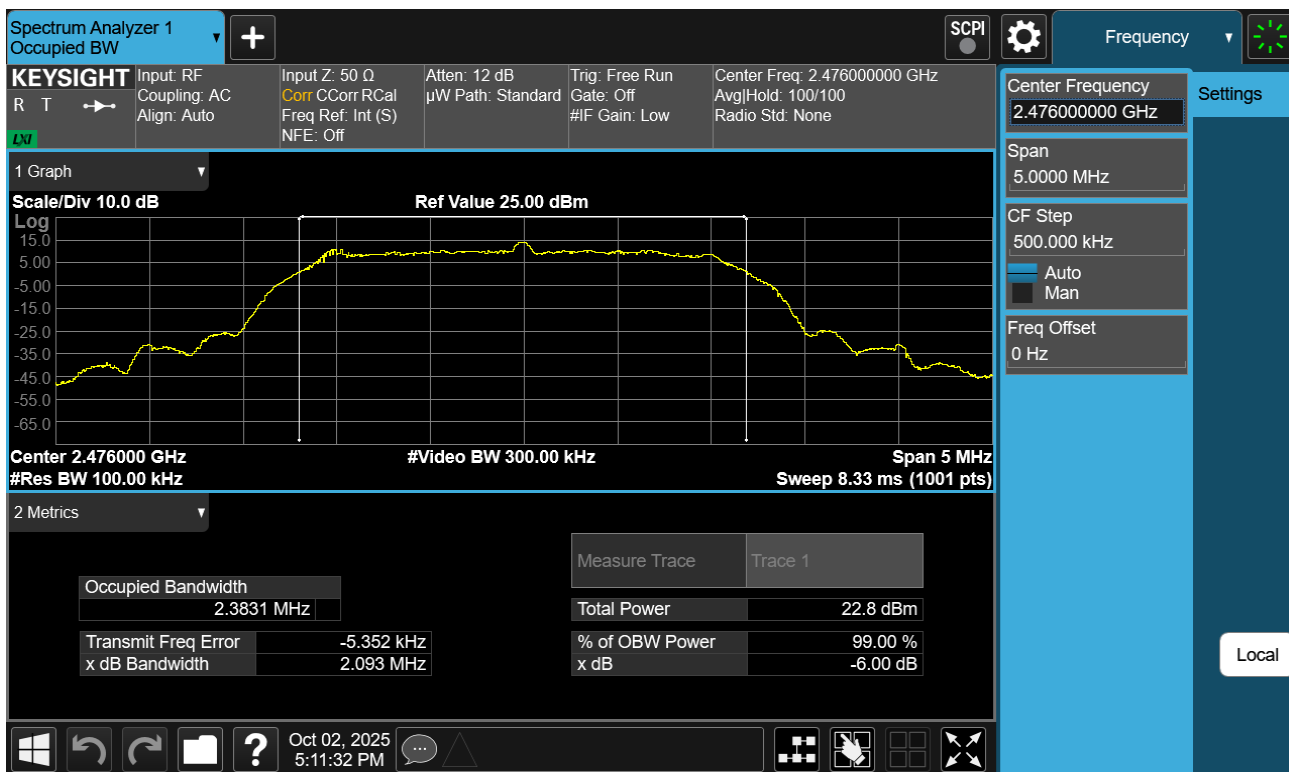
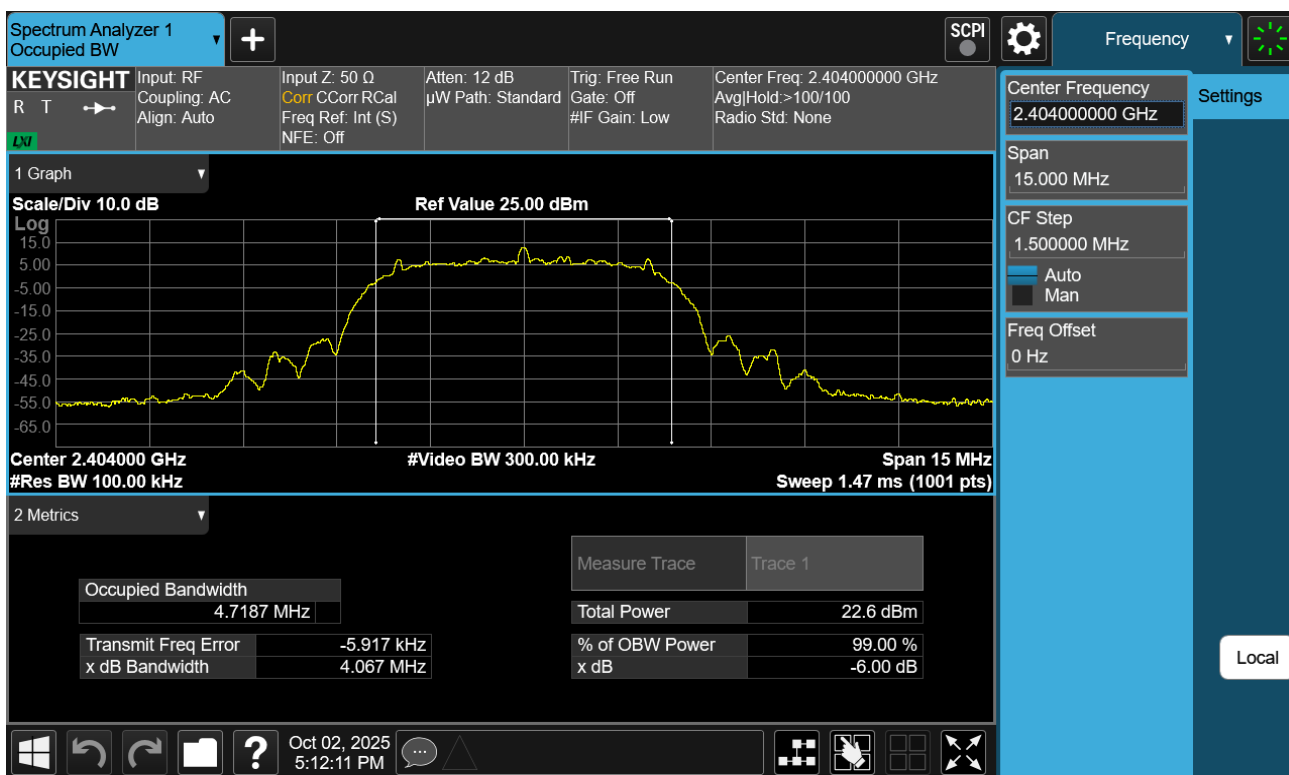




Plot 7-63. 6dB BW Plot Antenna WF2b (Bluetooth (HDRPS2), 2Mbps, ePA – Ch. 73)

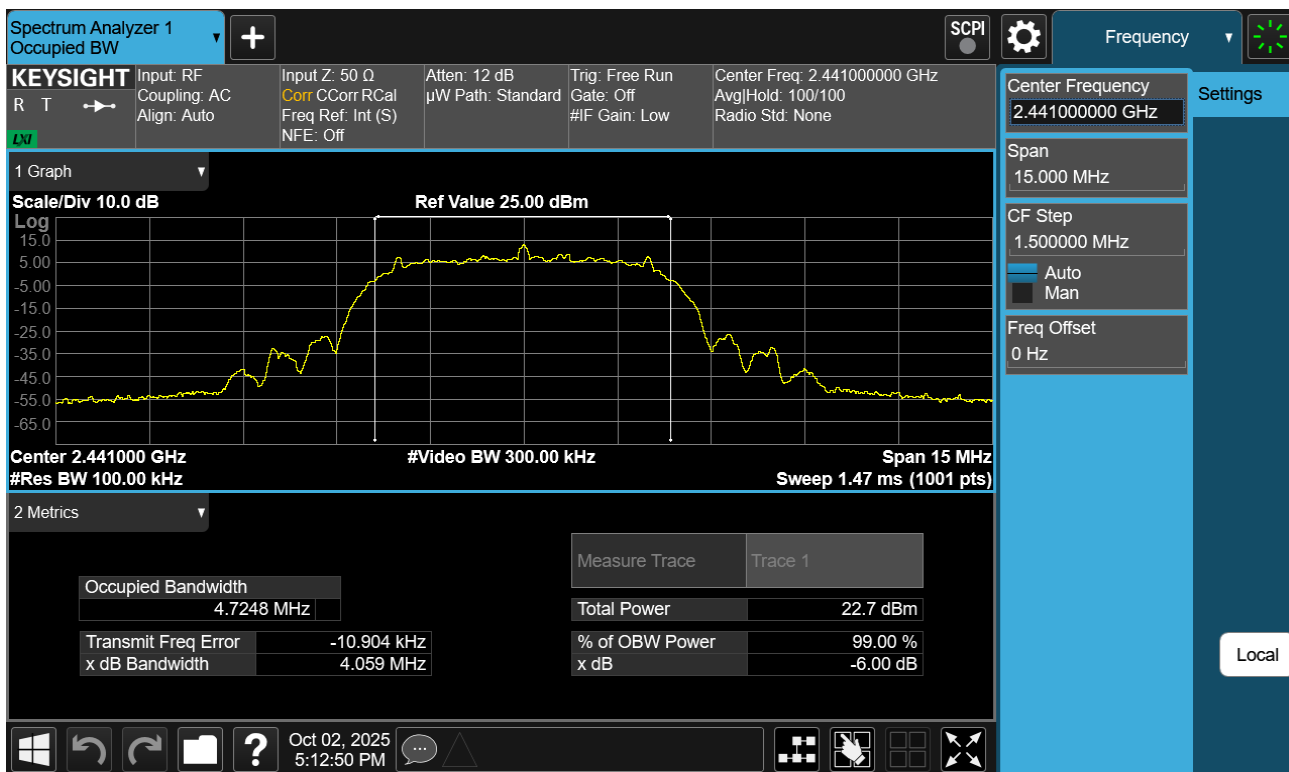


Plot 7-64. 6dB BW Plot Antenna WF2b (Bluetooth (XHDRPM6), 6Mbps, ePA – Ch. 1)

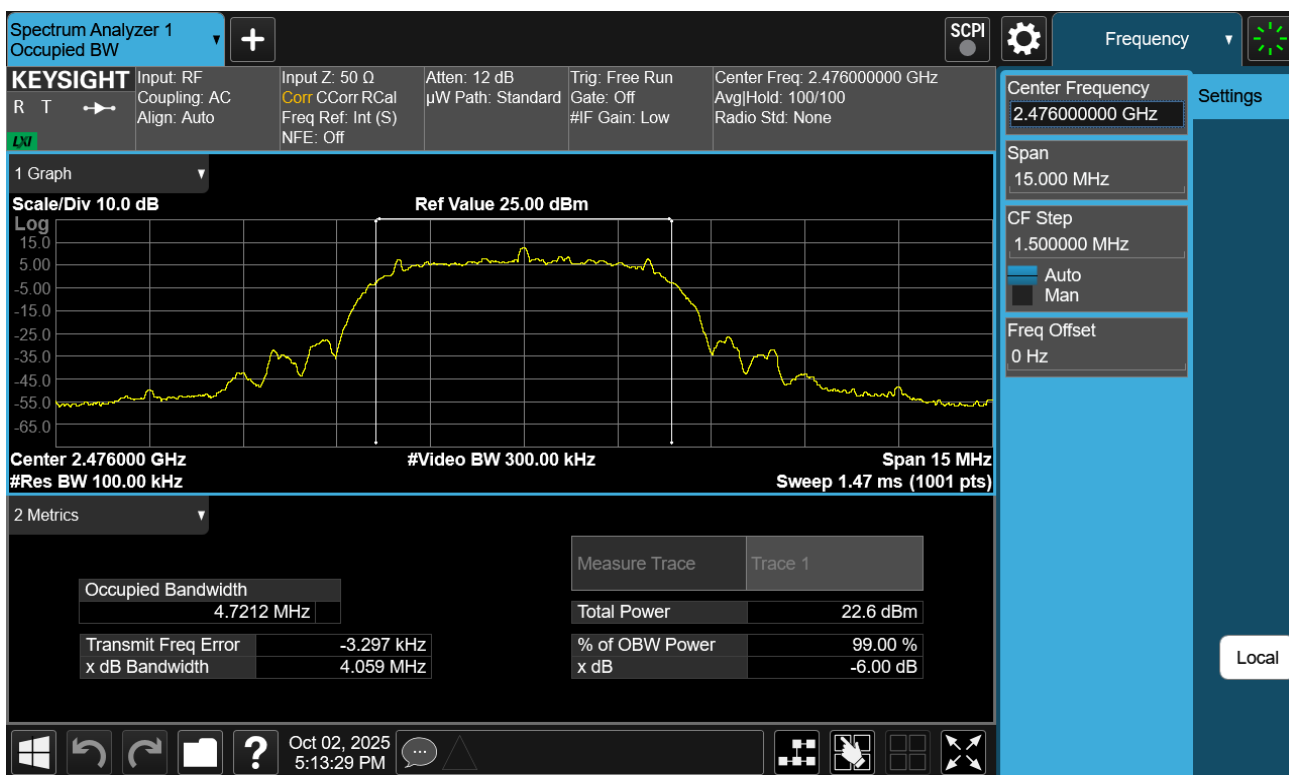
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 55 of 222                    |

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Plot 7-65. 6dB BW Plot Antenna WF2b (Bluetooth (XHDRPM6), 6Mbps, ePA – Ch. 38)

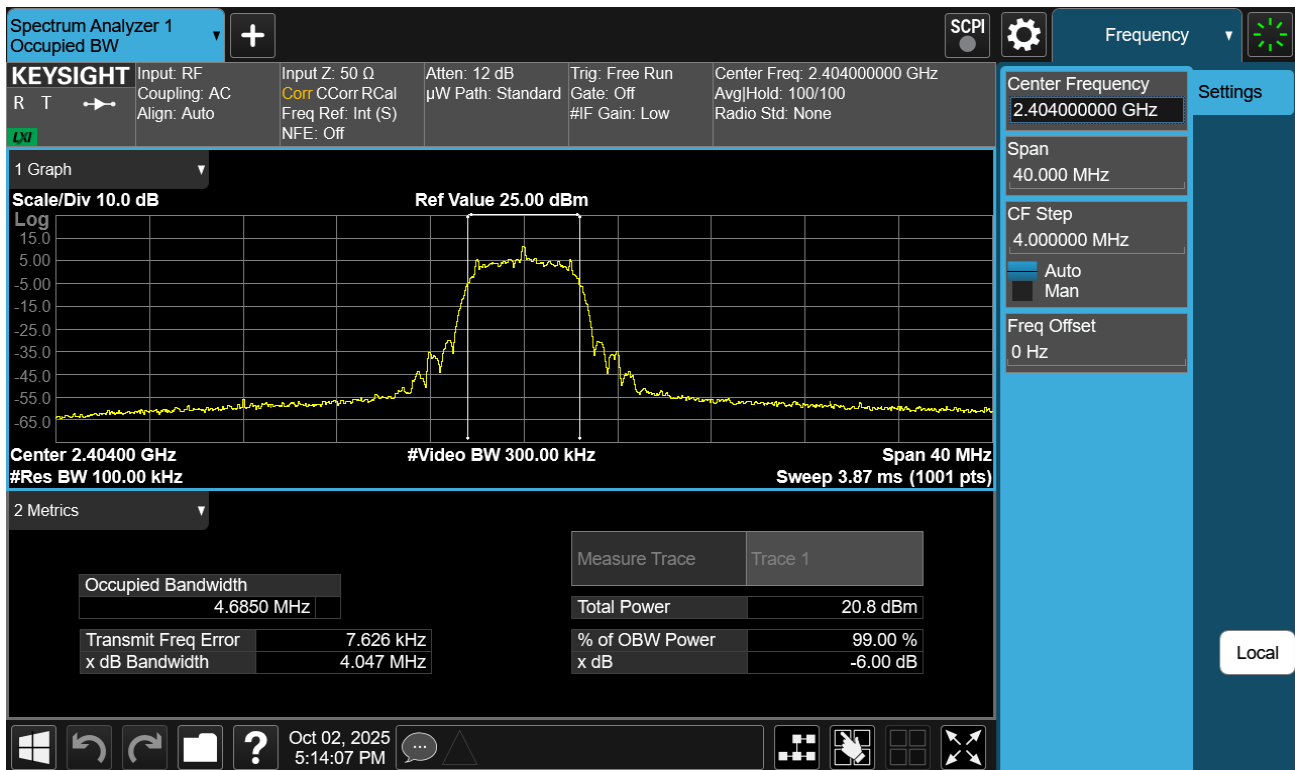


Plot 7-66. 6dB BW Plot Antenna WF2b (Bluetooth (XHDRPM6), 6Mbps, ePA – Ch. 73)

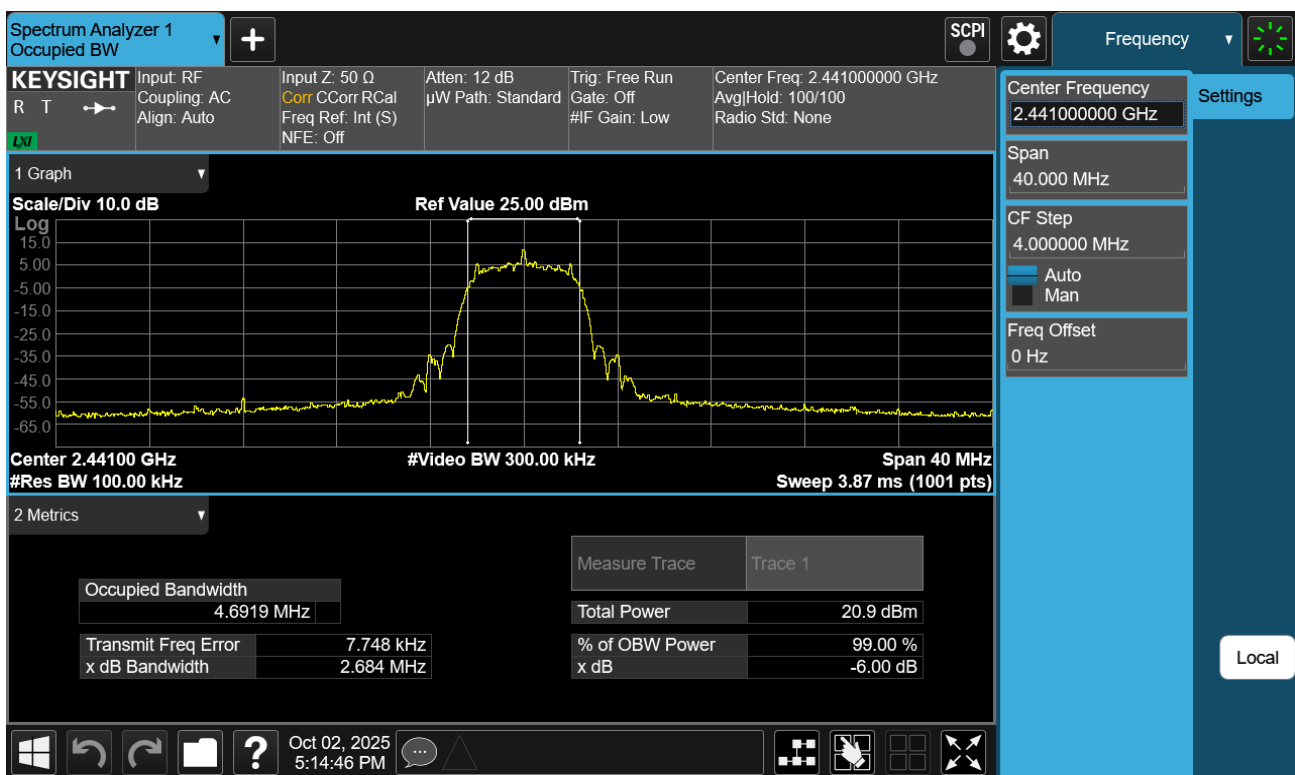
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 56 of 222                    |

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Plot 7-67. 6dB BW Plot Antenna WF2b (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 1)

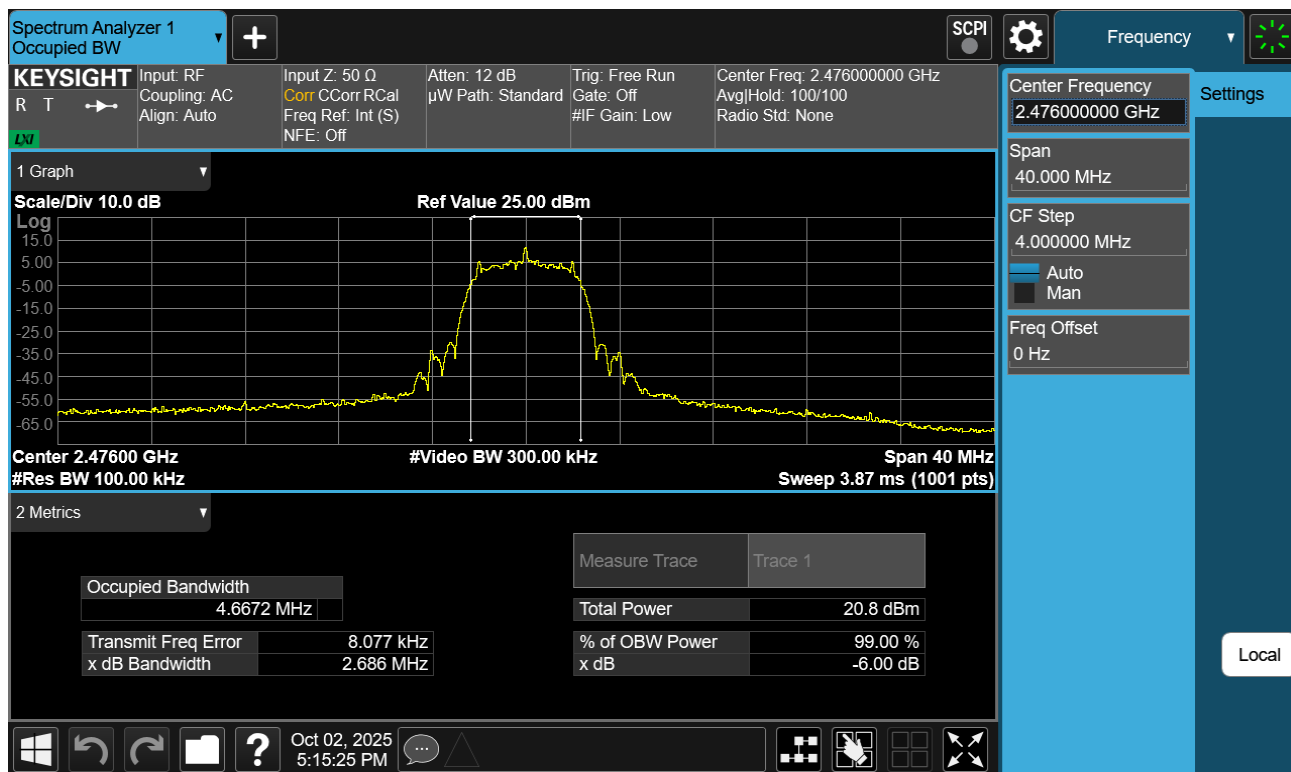


Plot 7-68. 6dB BW Plot Antenna WF2b (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 38)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 57 of 222                    |

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Plot 7-69. 6dB BW Plot Antenna WF2b (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 73)



Plot 7-70. 6dB BW Plot Antenna WF2b (Bluetooth (HDT2), 2Mbps, ePA – Ch. 1)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 58 of 222                    |

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|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 59 of 222                    |

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## 7.4 Output Power Measurement

**§15.247(b)(3); RSS-247 [6.3.2]**

### **Test Overview and Limits**

The transmitter antenna terminal of the EUT is connected to the input of a spectrum analyzer. Measurements are made while the EUT is operating at maximum power and at the appropriate frequencies.

***The maximum peak conducted output power of digital modulation systems operating in the 2400-2483.5 MHz band is 1 Watt.***

***The conducted output power limit on paragraph above is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.***

***For DTSs employing digital modulation techniques operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1 W. The e.i.r.p. shall not exceed 4 W.***

### **Test Procedure Used**

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.9.1.2 PKPM1 Peak Power Method

KDB 558074 D01 v05r02 – Section 8.3.1.3 PKPM1 Peak-reading Power Meter Method

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.9.2.3.2 Method AVGPM-G

KDB 558074 D01 v05r02 – Section 8.3.2.3 Measurement using a Power Meter (PM)

ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 14.4 Measure-and-Sum Technique

KDB 662911 D01 v02r01 – Section E)1) Measure-and-Sum Technique

### **Test Settings**

#### **Method PKPM1 (Peak Power Measurement)**

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

#### **Method AVGPM-G (Average Power Measurement)**

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

### **Test Setup**

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



**Figure 7-3. Test Instrument & Measurement Setup for Peak and Average Power Measurement**

### **Test Notes**

None

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                                                                            | EUT Type:<br>Tablet Device | Page 60 of 222                    |

## 7.4.1 Peak Output Power Measurement – Bluetooth (HDR)

| Frequency [MHz] | Mode    | Power Scheme | Channel No. | Peak Conducted Power |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | EIRP Margin [dB] |
|-----------------|---------|--------------|-------------|----------------------|--------|-----------------------------|-----------------------------|-----------------|------------|------------------|------------------|
|                 |         |              |             | [dBm]                | [mW]   |                             |                             |                 |            |                  |                  |
| 2404            | HDR4    | ePA          | 1           | 16.30                | 42.658 | 30.00                       | -13.70                      | 1.20            | 17.50      | 36.02            | -18.52           |
| 2441            | HDR4    | ePA          | 38          | 16.13                | 41.020 | 30.00                       | -13.87                      | 1.20            | 17.33      | 36.02            | -18.69           |
| 2476            | HDR4    | ePA          | 73          | 16.31                | 42.756 | 30.00                       | -13.69                      | 1.20            | 17.51      | 36.02            | -18.51           |
| 2404            | HDR4    | iPA          | 1           | 8.63                 | 7.295  | 30.00                       | -21.37                      | 1.20            | 9.83       | 36.02            | -26.19           |
| 2441            | HDR4    | iPA          | 38          | 8.70                 | 7.413  | 30.00                       | -21.30                      | 1.20            | 9.90       | 36.02            | -26.12           |
| 2476            | HDR4    | iPA          | 73          | 8.85                 | 7.674  | 30.00                       | -21.15                      | 1.20            | 10.05      | 36.02            | -25.97           |
| 2404            | HDR8    | ePA          | 1           | 16.26                | 42.267 | 30.00                       | -13.74                      | 1.20            | 17.46      | 36.02            | -18.56           |
| 2441            | HDR8    | ePA          | 38          | 16.60                | 45.709 | 30.00                       | -13.40                      | 1.20            | 17.80      | 36.02            | -18.22           |
| 2476            | HDR8    | ePA          | 73          | 16.32                | 42.855 | 30.00                       | -13.68                      | 1.20            | 17.52      | 36.02            | -18.50           |
| 2404            | HDR8    | iPA          | 1           | 8.55                 | 7.161  | 30.00                       | -21.45                      | 1.20            | 9.75       | 36.02            | -26.27           |
| 2441            | HDR8    | iPA          | 38          | 8.59                 | 7.228  | 30.00                       | -21.41                      | 1.20            | 9.79       | 36.02            | -26.23           |
| 2476            | HDR8    | iPA          | 73          | 8.73                 | 7.464  | 30.00                       | -21.27                      | 1.20            | 9.93       | 36.02            | -26.09           |
| 2404            | HDRPS2  | ePA          | 1           | 16.68                | 46.559 | 30.00                       | -13.32                      | 1.20            | 17.88      | 36.02            | -18.14           |
| 2441            | HDRPS2  | ePA          | 38          | 16.48                | 44.463 | 30.00                       | -13.52                      | 1.20            | 17.68      | 36.02            | -18.34           |
| 2476            | HDRPS2  | ePA          | 73          | 16.66                | 46.345 | 30.00                       | -13.34                      | 1.20            | 17.86      | 36.02            | -18.16           |
| 2404            | HDRPS2  | iPA          | 1           | 9.05                 | 8.035  | 30.00                       | -20.95                      | 1.20            | 10.25      | 36.02            | -25.77           |
| 2441            | HDRPS2  | iPA          | 38          | 9.14                 | 8.204  | 30.00                       | -20.86                      | 1.20            | 10.34      | 36.02            | -25.68           |
| 2476            | HDRPS2  | iPA          | 73          | 9.35                 | 8.610  | 30.00                       | -20.65                      | 1.20            | 10.55      | 36.02            | -25.47           |
| 2404            | HDRPM4  | ePA          | 1           | 16.73                | 47.098 | 30.00                       | -13.27                      | 1.20            | 17.93      | 36.02            | -18.09           |
| 2441            | HDRPM4  | ePA          | 38          | 16.65                | 46.238 | 30.00                       | -13.35                      | 1.20            | 17.85      | 36.02            | -18.17           |
| 2476            | HDRPM4  | ePA          | 73          | 16.76                | 47.424 | 30.00                       | -13.24                      | 1.20            | 17.96      | 36.02            | -18.06           |
| 2404            | HDRPM4  | iPA          | 1           | 9.18                 | 8.279  | 30.00                       | -20.82                      | 1.20            | 10.38      | 36.02            | -25.64           |
| 2441            | HDRPM4  | iPA          | 38          | 9.02                 | 7.980  | 30.00                       | -20.98                      | 1.20            | 10.22      | 36.02            | -25.80           |
| 2476            | HDRPM4  | iPA          | 73          | 9.02                 | 7.980  | 30.00                       | -20.98                      | 1.20            | 10.22      | 36.02            | -25.80           |
| 2404            | HDRPM12 | ePA          | 1           | 17.01                | 50.234 | 30.00                       | -12.99                      | 1.20            | 18.21      | 36.02            | -17.81           |
| 2441            | HDRPM12 | ePA          | 38          | 16.91                | 49.091 | 30.00                       | -13.09                      | 1.20            | 18.11      | 36.02            | -17.91           |
| 2476            | HDRPM12 | ePA          | 73          | 16.99                | 50.003 | 30.00                       | -13.01                      | 1.20            | 18.19      | 36.02            | -17.83           |
| 2404            | HDRPM12 | iPA          | 1           | 8.53                 | 7.129  | 30.00                       | -21.47                      | 1.20            | 9.73       | 36.02            | -26.29           |
| 2441            | HDRPM12 | iPA          | 38          | 8.33                 | 6.808  | 30.00                       | -21.67                      | 1.20            | 9.53       | 36.02            | -26.49           |
| 2476            | HDRPM12 | iPA          | 73          | 8.27                 | 6.714  | 30.00                       | -21.73                      | 1.20            | 9.47       | 36.02            | -26.55           |
| 2404            | HDT2    | ePA          | 1           | 16.43                | 43.954 | 30.00                       | -13.57                      | 1.20            | 17.63      | 36.02            | -18.39           |
| 2440            | HDT2    | ePA          | 37          | 16.72                | 46.989 | 30.00                       | -13.28                      | 1.20            | 17.92      | 36.02            | -18.10           |
| 2476            | HDT2    | ePA          | 73          | 16.85                | 48.417 | 30.00                       | -13.15                      | 1.20            | 18.05      | 36.02            | -17.97           |
| 2404            | HDT2    | iPA          | 1           | 8.92                 | 7.798  | 30.00                       | -21.08                      | 1.20            | 10.12      | 36.02            | -25.90           |
| 2440            | HDT2    | iPA          | 37          | 9.05                 | 8.035  | 30.00                       | -20.95                      | 1.20            | 10.25      | 36.02            | -25.77           |
| 2476            | HDT2    | iPA          | 73          | 9.11                 | 8.147  | 30.00                       | -20.89                      | 1.20            | 10.31      | 36.02            | -25.71           |
| 2404            | HDT4    | ePA          | 1           | 16.43                | 43.954 | 30.00                       | -13.57                      | 1.20            | 17.63      | 36.02            | -18.39           |
| 2440            | HDT4    | ePA          | 37          | 16.86                | 48.529 | 30.00                       | -13.14                      | 1.20            | 18.06      | 36.02            | -17.96           |
| 2476            | HDT4    | ePA          | 73          | 17.03                | 50.466 | 30.00                       | -12.97                      | 1.20            | 18.23      | 36.02            | -17.79           |
| 2404            | HDT4    | iPA          | 1           | 9.33                 | 8.570  | 30.00                       | -20.67                      | 1.20            | 10.53      | 36.02            | -25.49           |
| 2440            | HDT4    | iPA          | 37          | 9.53                 | 8.974  | 30.00                       | -20.47                      | 1.20            | 10.73      | 36.02            | -25.29           |
| 2476            | HDT4    | iPA          | 73          | 9.25                 | 8.414  | 30.00                       | -20.75                      | 1.20            | 10.45      | 36.02            | -25.57           |
| 2404            | HDT6    | ePA          | 1           | 17.18                | 52.240 | 30.00                       | -12.82                      | 1.20            | 18.38      | 36.02            | -17.64           |
| 2440            | HDT6    | ePA          | 37          | 17.10                | 51.286 | 30.00                       | -12.90                      | 1.20            | 18.30      | 36.02            | -17.72           |
| 2476            | HDT6    | ePA          | 73          | 17.22                | 52.723 | 30.00                       | -12.78                      | 1.20            | 18.42      | 36.02            | -17.60           |
| 2404            | HDT6    | iPA          | 1           | 8.16                 | 6.546  | 30.00                       | -21.84                      | 1.20            | 9.36       | 36.02            | -26.66           |
| 2440            | HDT6    | iPA          | 37          | 8.23                 | 6.653  | 30.00                       | -21.77                      | 1.20            | 9.43       | 36.02            | -26.59           |
| 2476            | HDT6    | iPA          | 73          | 8.61                 | 7.261  | 30.00                       | -21.39                      | 1.20            | 9.81       | 36.02            | -26.21           |

**Table 7-6. Peak Conducted Output Power Measurements Antenna WF7b (Bluetooth HDR)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                                                                            | EUT Type:<br>Tablet Device | Page 61 of 222                    |

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| Frequency [MHz] | Mode    | Power Scheme | Channel No. | Peak Conducted Power |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | EIRP Margin [dB] |
|-----------------|---------|--------------|-------------|----------------------|--------|-----------------------------|-----------------------------|-----------------|------------|------------------|------------------|
|                 |         |              |             | [dBm]                | [mW]   |                             |                             |                 |            |                  |                  |
| 2404            | HDR4    | ePA          | 1           | 15.89                | 38.815 | 30.00                       | -14.11                      | 0.40            | 16.29      | 36.02            | -19.73           |
| 2441            | HDR4    | ePA          | 38          | 15.74                | 37.497 | 30.00                       | -14.26                      | 0.40            | 16.14      | 36.02            | -19.88           |
| 2476            | HDR4    | ePA          | 73          | 15.74                | 37.497 | 30.00                       | -14.26                      | 0.40            | 16.14      | 36.02            | -19.88           |
| 2404            | HDR4    | iPA          | 1           | 9.51                 | 8.933  | 30.00                       | -20.49                      | 0.40            | 9.91       | 36.02            | -26.11           |
| 2441            | HDR4    | iPA          | 38          | 9.39                 | 8.690  | 30.00                       | -20.61                      | 0.40            | 9.79       | 36.02            | -26.23           |
| 2476            | HDR4    | iPA          | 73          | 9.44                 | 8.790  | 30.00                       | -20.56                      | 0.40            | 9.84       | 36.02            | -26.18           |
| 2404            | HDR8    | ePA          | 1           | 15.91                | 38.994 | 30.00                       | -14.09                      | 0.40            | 16.31      | 36.02            | -19.71           |
| 2441            | HDR8    | ePA          | 38          | 15.73                | 37.411 | 30.00                       | -14.27                      | 0.40            | 16.13      | 36.02            | -19.89           |
| 2476            | HDR8    | ePA          | 73          | 15.74                | 37.497 | 30.00                       | -14.26                      | 0.40            | 16.14      | 36.02            | -19.88           |
| 2404            | HDR8    | iPA          | 1           | 9.40                 | 8.710  | 30.00                       | -20.60                      | 0.40            | 9.80       | 36.02            | -26.22           |
| 2441            | HDR8    | iPA          | 38          | 9.32                 | 8.551  | 30.00                       | -20.68                      | 0.40            | 9.72       | 36.02            | -26.30           |
| 2476            | HDR8    | iPA          | 73          | 9.34                 | 8.590  | 30.00                       | -20.66                      | 0.40            | 9.74       | 36.02            | -26.28           |
| 2404            | HDRPS2  | ePA          | 1           | 16.09                | 40.644 | 30.00                       | -13.91                      | 0.40            | 16.49      | 36.02            | -19.53           |
| 2441            | HDRPS2  | ePA          | 38          | 16.50                | 44.668 | 30.00                       | -13.50                      | 0.40            | 16.90      | 36.02            | -19.12           |
| 2476            | HDRPS2  | ePA          | 73          | 16.01                | 39.902 | 30.00                       | -13.99                      | 0.40            | 16.41      | 36.02            | -19.61           |
| 2404            | HDRPS2  | iPA          | 1           | 9.86                 | 9.683  | 30.00                       | -20.14                      | 0.40            | 10.26      | 36.02            | -25.76           |
| 2441            | HDRPS2  | iPA          | 38          | 9.79                 | 9.528  | 30.00                       | -20.21                      | 0.40            | 10.19      | 36.02            | -25.83           |
| 2476            | HDRPS2  | iPA          | 73          | 9.86                 | 9.683  | 30.00                       | -20.14                      | 0.40            | 10.26      | 36.02            | -25.76           |
| 2404            | HDRPM4  | ePA          | 1           | 16.09                | 40.644 | 30.00                       | -13.91                      | 0.40            | 16.49      | 36.02            | -19.53           |
| 2441            | HDRPM4  | ePA          | 38          | 16.18                | 41.495 | 30.00                       | -13.82                      | 0.40            | 16.58      | 36.02            | -19.44           |
| 2476            | HDRPM4  | ePA          | 73          | 16.17                | 41.400 | 30.00                       | -13.83                      | 0.40            | 16.57      | 36.02            | -19.45           |
| 2404            | HDRPM4  | iPA          | 1           | 9.81                 | 9.572  | 30.00                       | -20.19                      | 0.40            | 10.21      | 36.02            | -25.81           |
| 2441            | HDRPM4  | iPA          | 38          | 9.85                 | 9.661  | 30.00                       | -20.15                      | 0.40            | 10.25      | 36.02            | -25.77           |
| 2476            | HDRPM4  | iPA          | 73          | 9.91                 | 9.795  | 30.00                       | -20.09                      | 0.40            | 10.31      | 36.02            | -25.71           |
| 2404            | HDRPM12 | ePA          | 1           | 16.30                | 42.658 | 30.00                       | -13.70                      | 0.40            | 16.70      | 36.02            | -19.32           |
| 2441            | HDRPM12 | ePA          | 38          | 16.35                | 43.152 | 30.00                       | -13.65                      | 0.40            | 16.75      | 36.02            | -19.27           |
| 2476            | HDRPM12 | ePA          | 73          | 16.25                | 42.170 | 30.00                       | -13.75                      | 0.40            | 16.65      | 36.02            | -19.37           |
| 2404            | HDRPM12 | iPA          | 1           | 9.16                 | 8.241  | 30.00                       | -20.84                      | 0.40            | 9.56       | 36.02            | -26.46           |
| 2441            | HDRPM12 | iPA          | 38          | 9.17                 | 8.260  | 30.00                       | -20.83                      | 0.40            | 9.57       | 36.02            | -26.45           |
| 2476            | HDRPM12 | iPA          | 73          | 9.06                 | 8.054  | 30.00                       | -20.94                      | 0.40            | 9.46       | 36.02            | -26.56           |
| 2404            | HDT2    | ePA          | 1           | 16.27                | 42.364 | 30.00                       | -13.73                      | 0.40            | 16.67      | 36.02            | -19.35           |
| 2440            | HDT2    | ePA          | 37          | 16.33                | 42.954 | 30.00                       | -13.67                      | 0.40            | 16.73      | 36.02            | -19.29           |
| 2476            | HDT2    | ePA          | 73          | 16.25                | 42.170 | 30.00                       | -13.75                      | 0.40            | 16.65      | 36.02            | -19.37           |
| 2404            | HDT2    | iPA          | 1           | 9.74                 | 9.419  | 30.00                       | -20.26                      | 0.40            | 10.14      | 36.02            | -25.88           |
| 2440            | HDT2    | iPA          | 37          | 9.65                 | 9.226  | 30.00                       | -20.35                      | 0.40            | 10.05      | 36.02            | -25.97           |
| 2476            | HDT2    | iPA          | 73          | 9.69                 | 9.311  | 30.00                       | -20.31                      | 0.40            | 10.09      | 36.02            | -25.93           |
| 2404            | HDT4    | ePA          | 1           | 16.36                | 43.251 | 30.00                       | -13.64                      | 0.40            | 16.76      | 36.02            | -19.26           |
| 2440            | HDT4    | ePA          | 37          | 16.40                | 43.652 | 30.00                       | -13.60                      | 0.40            | 16.80      | 36.02            | -19.22           |
| 2476            | HDT4    | ePA          | 73          | 16.35                | 43.152 | 30.00                       | -13.65                      | 0.40            | 16.75      | 36.02            | -19.27           |
| 2404            | HDT4    | iPA          | 1           | 10.08                | 10.186 | 30.00                       | -19.92                      | 0.40            | 10.48      | 36.02            | -25.54           |
| 2440            | HDT4    | iPA          | 37          | 9.90                 | 9.772  | 30.00                       | -20.10                      | 0.40            | 10.30      | 36.02            | -25.72           |
| 2476            | HDT4    | iPA          | 73          | 9.78                 | 9.506  | 30.00                       | -20.22                      | 0.40            | 10.18      | 36.02            | -25.84           |
| 2404            | HDT6    | ePA          | 1           | 16.69                | 46.666 | 30.00                       | -13.31                      | 0.40            | 17.09      | 36.02            | -18.93           |
| 2440            | HDT6    | ePA          | 37          | 16.74                | 47.206 | 30.00                       | -13.26                      | 0.40            | 17.14      | 36.02            | -18.88           |
| 2476            | HDT6    | ePA          | 73          | 16.66                | 46.345 | 30.00                       | -13.34                      | 0.40            | 17.06      | 36.02            | -18.96           |
| 2404            | HDT6    | iPA          | 1           | 8.66                 | 7.345  | 30.00                       | -21.34                      | 0.40            | 9.06       | 36.02            | -26.96           |
| 2440            | HDT6    | iPA          | 37          | 8.95                 | 7.852  | 30.00                       | -21.05                      | 0.40            | 9.35       | 36.02            | -26.67           |
| 2476            | HDT6    | iPA          | 73          | 8.84                 | 7.656  | 30.00                       | -21.16                      | 0.40            | 9.24       | 36.02            | -26.78           |

**Table 7-7. Peak Conducted Output Power Measurements Antenna WF2b (Bluetooth HDR)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                                                                            | EUT Type:<br>Tablet Device | Page 62 of 222                    |

| Frequency<br>[MHz] | Mode    | Power Scheme | Channel No. | Peak Conducted Power |        |              |        |        |        | Conducted Power Limit<br>[dBm] | Conducted Power Margin<br>[dB] | Directional Ant.<br>Gain [dBi] | ERP<br>[dBm] | ERP Limit<br>[dBm] | ERP Margin<br>[dB] |
|--------------------|---------|--------------|-------------|----------------------|--------|--------------|--------|--------|--------|--------------------------------|--------------------------------|--------------------------------|--------------|--------------------|--------------------|
|                    |         |              |             | Antenna WF7b         |        | Antenna WF2b |        | Summed |        |                                |                                |                                |              |                    |                    |
|                    |         |              |             | [dBm]                | [mW]   | [dBm]        | [mW]   | [dBm]  | [mW]   |                                |                                |                                |              |                    |                    |
| 2404               | HDR4    | ePA          | 1           | 16.32                | 42.855 | 15.40        | 34.674 | 18.89  | 77.446 | 30.00                          | -11.11                         | 3.82                           | 22.71        | 36.02              | -13.31             |
| 2441               | HDR4    | ePA          | 38          | 16.19                | 41.591 | 15.25        | 33.497 | 18.76  | 75.162 | 30.00                          | -11.24                         | 3.82                           | 22.58        | 36.02              | -13.44             |
| 2476               | HDR4    | ePA          | 73          | 16.38                | 43.451 | 15.26        | 33.574 | 18.87  | 77.090 | 30.00                          | -11.13                         | 3.82                           | 22.69        | 36.02              | -13.33             |
| 2404               | HDR4    | iPA          | 1           | 8.64                 | 7.311  | 9.55         | 9.016  | 12.13  | 16.331 | 30.00                          | -17.87                         | 3.82                           | 15.95        | 36.02              | -20.07             |
| 2441               | HDR4    | iPA          | 38          | 8.72                 | 7.447  | 9.42         | 8.750  | 12.09  | 16.181 | 30.00                          | -17.91                         | 3.82                           | 15.91        | 36.02              | -20.11             |
| 2476               | HDR4    | iPA          | 73          | 8.87                 | 7.709  | 9.46         | 8.831  | 12.19  | 16.558 | 30.00                          | -17.81                         | 3.82                           | 16.01        | 36.02              | -20.01             |
| 2404               | HDR8    | ePA          | 1           | 16.27                | 42.364 | 15.38        | 34.514 | 18.86  | 76.913 | 30.00                          | -11.14                         | 3.82                           | 22.68        | 36.02              | -13.34             |
| 2441               | HDR8    | ePA          | 38          | 16.18                | 41.495 | 15.23        | 33.343 | 18.74  | 74.817 | 30.00                          | -11.26                         | 3.82                           | 22.56        | 36.02              | -13.46             |
| 2476               | HDR8    | ePA          | 73          | 16.36                | 43.251 | 15.24        | 33.420 | 18.85  | 76.736 | 30.00                          | -11.15                         | 3.82                           | 22.67        | 36.02              | -13.35             |
| 2404               | HDR8    | iPA          | 1           | 8.98                 | 7.907  | 9.42         | 8.750  | 12.22  | 16.672 | 30.00                          | -17.78                         | 3.82                           | 16.04        | 36.02              | -19.98             |
| 2441               | HDR8    | iPA          | 38          | 8.62                 | 7.278  | 9.33         | 8.570  | 12.00  | 15.849 | 30.00                          | -18.00                         | 3.82                           | 15.82        | 36.02              | -20.20             |
| 2476               | HDR8    | iPA          | 73          | 8.76                 | 7.516  | 9.36         | 8.630  | 12.08  | 16.144 | 30.00                          | -17.92                         | 3.82                           | 15.90        | 36.02              | -20.12             |
| 2404               | HDRPS2  | ePA          | 1           | 16.72                | 46.989 | 16.08        | 40.551 | 19.42  | 87.498 | 30.00                          | -10.58                         | 3.82                           | 23.24        | 36.02              | -12.78             |
| 2441               | HDRPS2  | ePA          | 38          | 17.08                | 51.050 | 15.96        | 39.446 | 19.57  | 90.573 | 30.00                          | -10.43                         | 3.82                           | 23.39        | 36.02              | -12.63             |
| 2476               | HDRPS2  | ePA          | 73          | 16.71                | 46.881 | 16.00        | 39.811 | 19.38  | 86.696 | 30.00                          | -10.62                         | 3.82                           | 23.20        | 36.02              | -12.82             |
| 2404               | HDRPS2  | iPA          | 1           | 9.05                 | 8.035  | 9.93         | 9.840  | 12.52  | 17.865 | 30.00                          | -17.48                         | 3.82                           | 16.34        | 36.02              | -19.68             |
| 2441               | HDRPS2  | iPA          | 38          | 9.12                 | 8.166  | 9.84         | 9.638  | 12.51  | 17.824 | 30.00                          | -17.49                         | 3.82                           | 16.33        | 36.02              | -19.69             |
| 2476               | HDRPS2  | iPA          | 73          | 9.31                 | 8.531  | 9.91         | 9.795  | 12.63  | 18.323 | 30.00                          | -17.37                         | 3.82                           | 16.45        | 36.02              | -19.57             |
| 2404               | HDRPM4  | ePA          | 1           | 16.75                | 47.315 | 16.08        | 40.551 | 19.44  | 87.902 | 30.00                          | -10.56                         | 3.82                           | 23.26        | 36.02              | -12.76             |
| 2441               | HDRPM4  | ePA          | 38          | 16.65                | 46.238 | 16.16        | 41.305 | 19.42  | 87.498 | 30.00                          | -10.58                         | 3.82                           | 23.24        | 36.02              | -12.78             |
| 2476               | HDRPM4  | ePA          | 73          | 16.79                | 47.753 | 16.17        | 41.400 | 19.50  | 89.125 | 30.00                          | -10.50                         | 3.82                           | 23.32        | 36.02              | -12.70             |
| 2404               | HDRPM4  | iPA          | 1           | 9.14                 | 8.204  | 9.94         | 9.863  | 12.57  | 18.072 | 30.00                          | -17.43                         | 3.82                           | 16.39        | 36.02              | -19.63             |
| 2441               | HDRPM4  | iPA          | 38          | 9.44                 | 8.790  | 9.93         | 9.840  | 12.70  | 18.621 | 30.00                          | -17.30                         | 3.82                           | 16.52        | 36.02              | -19.50             |
| 2476               | HDRPM4  | iPA          | 73          | 9.54                 | 8.995  | 9.94         | 9.863  | 12.75  | 18.836 | 30.00                          | -17.25                         | 3.82                           | 16.57        | 36.02              | -19.45             |
| 2404               | HDRPM12 | ePA          | 1           | 17.02                | 50.350 | 16.31        | 42.756 | 19.69  | 93.111 | 30.00                          | -10.31                         | 3.82                           | 23.51        | 36.02              | -12.51             |
| 2441               | HDRPM12 | ePA          | 38          | 16.91                | 49.091 | 16.37        | 43.351 | 19.66  | 92.470 | 30.00                          | -10.34                         | 3.82                           | 23.48        | 36.02              | -12.54             |
| 2476               | HDRPM12 | ePA          | 73          | 16.99                | 50.003 | 16.26        | 42.267 | 19.65  | 92.257 | 30.00                          | -10.35                         | 3.82                           | 23.47        | 36.02              | -12.55             |
| 2404               | HDRPM12 | iPA          | 1           | 8.65                 | 7.328  | 8.44         | 6.982  | 11.56  | 14.322 | 30.00                          | -18.44                         | 3.82                           | 15.38        | 36.02              | -20.64             |
| 2441               | HDRPM12 | iPA          | 38          | 8.43                 | 6.966  | 8.44         | 6.982  | 11.45  | 13.964 | 30.00                          | -18.55                         | 3.82                           | 15.27        | 36.02              | -20.75             |
| 2476               | HDRPM12 | iPA          | 73          | 8.51                 | 7.096  | 9.10         | 8.128  | 11.83  | 15.241 | 30.00                          | -18.17                         | 3.82                           | 15.65        | 36.02              | -20.37             |
| 2404               | HDT2    | ePA          | 1           | 16.84                | 48.306 | 16.27        | 42.364 | 19.57  | 90.573 | 30.00                          | -10.43                         | 3.82                           | 23.39        | 36.02              | -12.63             |
| 2440               | HDT2    | ePA          | 37          | 16.72                | 46.989 | 16.33        | 42.954 | 19.54  | 89.950 | 30.00                          | -10.46                         | 3.82                           | 23.36        | 36.02              | -12.66             |
| 2476               | HDT2    | ePA          | 73          | 16.83                | 48.195 | 16.26        | 42.267 | 19.56  | 90.365 | 30.00                          | -10.44                         | 3.82                           | 23.38        | 36.02              | -12.64             |
| 2404               | HDT2    | iPA          | 1           | 8.51                 | 7.096  | 9.74         | 9.419  | 12.18  | 16.520 | 30.00                          | -17.82                         | 3.82                           | 16.00        | 36.02              | -20.02             |
| 2440               | HDT2    | iPA          | 37          | 8.61                 | 7.261  | 9.52         | 8.954  | 12.10  | 16.218 | 30.00                          | -17.90                         | 3.82                           | 15.92        | 36.02              | -20.10             |
| 2476               | HDT2    | iPA          | 73          | 8.66                 | 7.345  | 9.40         | 8.710  | 12.06  | 16.069 | 30.00                          | -17.94                         | 3.82                           | 15.88        | 36.02              | -20.14             |
| 2404               | HDT4    | ePA          | 1           | 17.01                | 50.234 | 16.36        | 43.251 | 19.71  | 93.541 | 30.00                          | -10.29                         | 3.82                           | 23.53        | 36.02              | -12.49             |
| 2440               | HDT4    | ePA          | 37          | 16.96                | 48.929 | 16.41        | 43.752 | 19.65  | 92.257 | 30.00                          | -10.35                         | 3.82                           | 23.47        | 36.02              | -12.55             |
| 2476               | HDT4    | ePA          | 73          | 17.01                | 50.234 | 16.34        | 43.053 | 19.70  | 93.325 | 30.00                          | -10.30                         | 3.82                           | 23.52        | 36.02              | -12.50             |
| 2404               | HDT4    | iPA          | 1           | 9.26                 | 8.433  | 10.03        | 10.069 | 12.67  | 18.493 | 30.00                          | -17.33                         | 3.82                           | 16.49        | 36.02              | -19.53             |
| 2440               | HDT4    | iPA          | 37          | 9.62                 | 9.162  | 9.84         | 9.638  | 12.74  | 18.793 | 30.00                          | -17.26                         | 3.82                           | 16.56        | 36.02              | -19.46             |
| 2476               | HDT4    | iPA          | 73          | 9.57                 | 9.057  | 9.73         | 9.397  | 12.66  | 18.450 | 30.00                          | -17.34                         | 3.82                           | 16.48        | 36.02              | -19.54             |
| 2404               | HDT6    | ePA          | 1           | 17.20                | 52.481 | 16.69        | 46.666 | 19.96  | 99.083 | 30.00                          | -10.04                         | 3.82                           | 23.78        | 36.02              | -12.24             |
| 2440               | HDT6    | ePA          | 37          | 17.10                | 51.286 | 16.74        | 47.206 | 19.93  | 98.401 | 30.00                          | -10.07                         | 3.82                           | 23.75        | 36.02              | -12.27             |
| 2476               | HDT6    | ePA          | 73          | 17.23                | 52.845 | 16.66        | 46.345 | 19.96  | 99.083 | 30.00                          | -10.04                         | 3.82                           | 23.78        | 36.02              | -12.24             |
| 2404               | HDT6    | iPA          | 1           | 8.20                 | 6.607  | 9.06         | 8.054  | 11.66  | 14.655 | 30.00                          | -18.34                         | 3.82                           | 15.48        | 36.02              | -20.54             |
| 2440               | HDT6    | iPA          | 37          | 8.65                 | 7.328  | 8.91         | 7.780  | 11.79  | 15.101 | 30.00                          | -18.21                         | 3.82                           | 15.51        | 36.02              | -20.41             |
| 2476               | HDT6    | iPA          | 73          | 8.57                 | 7.194  | 8.79         | 7.568  | 11.69  | 14.757 | 30.00                          | -18.31                         | 3.82                           | 15.51        | 36.02              | -20.51             |

**Table 7-8. Peak Conducted Output Power Measurements TxBF (Bluetooth HDR)**

|                                            |                                                                                     |                                               |                                          |
|--------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> | <b>Approved by:</b><br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device                    | Page 63 of 222                           |

## 7.4.2 Average Output Power Measurement – Bluetooth (HDR)

| Frequency [MHz] | Data Rate [Mbps] | Power Scheme | Channel No. | Average Conducted Power |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | EIRP Margin [dB] |
|-----------------|------------------|--------------|-------------|-------------------------|--------|-----------------------------|-----------------------------|-----------------|------------|------------------|------------------|
|                 |                  |              |             | [dBm]                   | [mW]   |                             |                             |                 |            |                  |                  |
| 2404            | HDR4             | ePA          | 1           | 13.68                   | 23.335 | 30.00                       | -16.32                      | 1.20            | 14.88      | 36.02            | -21.14           |
| 2441            | HDR4             | ePA          | 38          | 13.47                   | 22.233 | 30.00                       | -16.53                      | 1.20            | 14.67      | 36.02            | -21.35           |
| 2476            | HDR4             | ePA          | 73          | 13.71                   | 23.496 | 30.00                       | -16.29                      | 1.20            | 14.91      | 36.02            | -21.11           |
| 2404            | HDR4             | iPA          | 1           | 6.11                    | 4.083  | 30.00                       | -23.89                      | 1.20            | 7.31       | 36.02            | -28.71           |
| 2441            | HDR4             | iPA          | 38          | 6.01                    | 3.990  | 30.00                       | -23.99                      | 1.20            | 7.21       | 36.02            | -28.81           |
| 2476            | HDR4             | iPA          | 73          | 6.22                    | 4.188  | 30.00                       | -23.78                      | 1.20            | 7.42       | 36.02            | -28.60           |
| 2404            | HDR8             | ePA          | 1           | 13.66                   | 23.227 | 30.00                       | -16.35                      | 1.20            | 14.86      | 36.02            | -21.17           |
| 2441            | HDR8             | ePA          | 38          | 13.95                   | 24.831 | 30.00                       | -16.05                      | 1.20            | 15.15      | 36.02            | -20.87           |
| 2476            | HDR8             | ePA          | 73          | 13.59                   | 22.856 | 30.00                       | -16.41                      | 1.20            | 14.79      | 36.02            | -21.23           |
| 2404            | HDR8             | iPA          | 1           | 6.11                    | 4.083  | 30.00                       | -23.89                      | 1.20            | 7.31       | 36.02            | -28.71           |
| 2441            | HDR8             | iPA          | 38          | 6.05                    | 4.027  | 30.00                       | -23.95                      | 1.20            | 7.25       | 36.02            | -28.77           |
| 2476            | HDR8             | iPA          | 73          | 6.13                    | 4.102  | 30.00                       | -23.87                      | 1.20            | 7.33       | 36.02            | -28.69           |
| 2404            | HDRPS2           | ePA          | 1           | 13.56                   | 22.699 | 30.00                       | -16.45                      | 1.20            | 14.76      | 36.02            | -21.27           |
| 2441            | HDRPS2           | ePA          | 38          | 13.45                   | 22.131 | 30.00                       | -16.55                      | 1.20            | 14.65      | 36.02            | -21.37           |
| 2476            | HDRPS2           | ePA          | 73          | 13.47                   | 22.233 | 30.00                       | -16.53                      | 1.20            | 14.67      | 36.02            | -21.35           |
| 2404            | HDRPS2           | iPA          | 1           | 6.07                    | 4.046  | 30.00                       | -23.94                      | 1.20            | 7.27       | 36.02            | -28.76           |
| 2441            | HDRPS2           | iPA          | 38          | 6.21                    | 4.178  | 30.00                       | -23.79                      | 1.20            | 7.41       | 36.02            | -28.61           |
| 2476            | HDRPS2           | iPA          | 73          | 6.25                    | 4.217  | 30.00                       | -23.75                      | 1.20            | 7.45       | 36.02            | -28.57           |
| 2404            | HDRPM4           | ePA          | 1           | 13.69                   | 23.388 | 30.00                       | -16.32                      | 1.20            | 14.89      | 36.02            | -21.14           |
| 2441            | HDRPM4           | ePA          | 38          | 13.54                   | 22.594 | 30.00                       | -16.46                      | 1.20            | 14.74      | 36.02            | -21.28           |
| 2476            | HDRPM4           | ePA          | 73          | 13.67                   | 23.281 | 30.00                       | -16.33                      | 1.20            | 14.87      | 36.02            | -21.15           |
| 2404            | HDRPM4           | iPA          | 1           | 6.23                    | 4.198  | 30.00                       | -23.77                      | 1.20            | 7.43       | 36.02            | -28.59           |
| 2441            | HDRPM4           | iPA          | 38          | 5.99                    | 3.972  | 30.00                       | -24.01                      | 1.20            | 7.19       | 36.02            | -28.83           |
| 2476            | HDRPM4           | iPA          | 73          | 6.02                    | 3.999  | 30.00                       | -23.99                      | 1.20            | 7.22       | 36.02            | -28.81           |
| 2404            | HDRPM12          | ePA          | 1           | 11.61                   | 14.488 | 30.00                       | -18.39                      | 1.20            | 12.81      | 36.02            | -23.21           |
| 2441            | HDRPM12          | ePA          | 38          | 11.55                   | 14.289 | 30.00                       | -18.45                      | 1.20            | 12.75      | 36.02            | -23.27           |
| 2476            | HDRPM12          | ePA          | 73          | 11.64                   | 14.588 | 30.00                       | -18.37                      | 1.20            | 12.84      | 36.02            | -23.19           |
| 2404            | HDRPM12          | iPA          | 1           | 3.34                    | 2.158  | 30.00                       | -26.66                      | 1.20            | 4.54       | 36.02            | -31.48           |
| 2441            | HDRPM12          | iPA          | 38          | 3.10                    | 2.042  | 30.00                       | -26.90                      | 1.20            | 4.30       | 36.02            | -31.72           |
| 2476            | HDRPM12          | iPA          | 73          | 3.03                    | 2.009  | 30.00                       | -26.97                      | 1.20            | 4.23       | 36.02            | -31.79           |
| 2404            | HDT2             | ePA          | 1           | 13.57                   | 22.751 | 30.00                       | -16.43                      | 1.20            | 14.77      | 36.02            | -21.25           |
| 2440            | HDT2             | ePA          | 37          | 13.81                   | 24.044 | 30.00                       | -16.19                      | 1.20            | 15.01      | 36.02            | -21.01           |
| 2476            | HDT2             | ePA          | 73          | 13.97                   | 24.946 | 30.00                       | -16.03                      | 1.20            | 15.17      | 36.02            | -20.85           |
| 2404            | HDT2             | iPA          | 1           | 6.13                    | 4.102  | 30.00                       | -23.88                      | 1.20            | 7.33       | 36.02            | -28.70           |
| 2440            | HDT2             | iPA          | 37          | 6.23                    | 4.198  | 30.00                       | -23.77                      | 1.20            | 7.43       | 36.02            | -28.59           |
| 2476            | HDT2             | iPA          | 73          | 6.30                    | 4.266  | 30.00                       | -23.71                      | 1.20            | 7.50       | 36.02            | -28.53           |
| 2404            | HDT4             | ePA          | 1           | 13.70                   | 23.442 | 30.00                       | -16.30                      | 1.20            | 14.90      | 36.02            | -21.12           |
| 2440            | HDT4             | ePA          | 37          | 13.58                   | 22.803 | 30.00                       | -16.43                      | 1.20            | 14.78      | 36.02            | -21.25           |
| 2476            | HDT4             | ePA          | 73          | 13.76                   | 23.768 | 30.00                       | -16.24                      | 1.20            | 14.96      | 36.02            | -21.06           |
| 2404            | HDT4             | iPA          | 1           | 6.50                    | 4.467  | 30.00                       | -23.50                      | 1.20            | 7.70       | 36.02            | -28.32           |
| 2440            | HDT4             | iPA          | 37          | 6.44                    | 4.406  | 30.00                       | -23.56                      | 1.20            | 7.64       | 36.02            | -28.38           |
| 2476            | HDT4             | iPA          | 73          | 6.11                    | 4.083  | 30.00                       | -23.89                      | 1.20            | 7.31       | 36.02            | -28.71           |
| 2404            | HDT6             | ePA          | 1           | 11.81                   | 15.171 | 30.00                       | -18.19                      | 1.20            | 13.01      | 36.02            | -23.01           |
| 2440            | HDT6             | ePA          | 37          | 11.69                   | 14.757 | 30.00                       | -18.31                      | 1.20            | 12.89      | 36.02            | -23.13           |
| 2476            | HDT6             | ePA          | 73          | 11.82                   | 15.205 | 30.00                       | -18.18                      | 1.20            | 13.02      | 36.02            | -23.00           |
| 2404            | HDT6             | iPA          | 1           | 3.05                    | 2.018  | 30.00                       | -26.95                      | 1.20            | 4.25       | 36.02            | -31.77           |
| 2440            | HDT6             | iPA          | 37          | 3.06                    | 2.023  | 30.00                       | -26.94                      | 1.20            | 4.26       | 36.02            | -31.76           |
| 2476            | HDT6             | iPA          | 73          | 3.46                    | 2.218  | 30.00                       | -26.54                      | 1.20            | 4.66       | 36.02            | -31.36           |

**Table 7-9. Average Conducted Output Power Measurements Antenna WF7b (Bluetooth HDR)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                                                                            | EUT Type:<br>Tablet Device | Page 64 of 222                    |

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| Frequency [MHz] | Data Rate [Mbps] | Power Scheme | Channel No. | Average Conducted Power |        | Conducted Power Limit [dBm] | Conducted Power Margin [dB] | Ant. Gain [dBi] | EIRP [dBm] | EIRP Limit [dBm] | EIRP Margin [dB] |
|-----------------|------------------|--------------|-------------|-------------------------|--------|-----------------------------|-----------------------------|-----------------|------------|------------------|------------------|
|                 |                  |              |             | [dBm]                   | [mW]   |                             |                             |                 |            |                  |                  |
| 2404            | HDR4             | ePA          | 1           | 13.24                   | 21.086 | 30.00                       | -16.76                      | 0.40            | 13.64      | 36.02            | -22.38           |
| 2441            | HDR4             | ePA          | 38          | 13.17                   | 20.749 | 30.00                       | -16.84                      | 0.40            | 13.57      | 36.02            | -22.46           |
| 2476            | HDR4             | ePA          | 73          | 13.21                   | 20.941 | 30.00                       | -16.79                      | 0.40            | 13.61      | 36.02            | -22.41           |
| 2404            | HDR4             | iPA          | 1           | 6.78                    | 4.764  | 30.00                       | -23.22                      | 0.40            | 7.18       | 36.02            | -28.84           |
| 2441            | HDR4             | iPA          | 38          | 6.68                    | 4.656  | 30.00                       | -23.32                      | 0.40            | 7.08       | 36.02            | -28.94           |
| 2476            | HDR4             | iPA          | 73          | 6.87                    | 4.864  | 30.00                       | -23.13                      | 0.40            | 7.27       | 36.02            | -28.75           |
| 2404            | HDR8             | ePA          | 1           | 13.29                   | 21.330 | 30.00                       | -16.72                      | 0.40            | 13.69      | 36.02            | -22.34           |
| 2441            | HDR8             | ePA          | 38          | 13.11                   | 20.464 | 30.00                       | -16.89                      | 0.40            | 13.51      | 36.02            | -22.51           |
| 2476            | HDR8             | ePA          | 73          | 13.10                   | 20.417 | 30.00                       | -16.90                      | 0.40            | 13.50      | 36.02            | -22.52           |
| 2404            | HDR8             | iPA          | 1           | 6.74                    | 4.721  | 30.00                       | -23.26                      | 0.40            | 7.14       | 36.02            | -28.88           |
| 2441            | HDR8             | iPA          | 38          | 6.74                    | 4.721  | 30.00                       | -23.27                      | 0.40            | 7.14       | 36.02            | -28.89           |
| 2476            | HDR8             | iPA          | 73          | 6.66                    | 4.634  | 30.00                       | -23.34                      | 0.40            | 7.06       | 36.02            | -28.96           |
| 2404            | HDRPS2           | ePA          | 1           | 13.08                   | 20.324 | 30.00                       | -16.92                      | 0.40            | 13.48      | 36.02            | -22.54           |
| 2441            | HDRPS2           | ePA          | 38          | 13.49                   | 22.336 | 30.00                       | -16.51                      | 0.40            | 13.89      | 36.02            | -22.13           |
| 2476            | HDRPS2           | ePA          | 73          | 12.99                   | 19.907 | 30.00                       | -17.01                      | 0.40            | 13.39      | 36.02            | -22.63           |
| 2404            | HDRPS2           | iPA          | 1           | 6.90                    | 4.898  | 30.00                       | -23.10                      | 0.40            | 7.30       | 36.02            | -28.72           |
| 2441            | HDRPS2           | iPA          | 38          | 6.74                    | 4.721  | 30.00                       | -23.26                      | 0.40            | 7.14       | 36.02            | -28.88           |
| 2476            | HDRPS2           | iPA          | 73          | 6.90                    | 4.898  | 30.00                       | -23.10                      | 0.40            | 7.30       | 36.02            | -28.72           |
| 2404            | HDRPM4           | ePA          | 1           | 13.05                   | 20.184 | 30.00                       | -16.95                      | 0.40            | 13.45      | 36.02            | -22.57           |
| 2441            | HDRPM4           | ePA          | 38          | 13.17                   | 20.749 | 30.00                       | -16.83                      | 0.40            | 13.57      | 36.02            | -22.45           |
| 2476            | HDRPM4           | ePA          | 73          | 13.08                   | 20.324 | 30.00                       | -16.92                      | 0.40            | 13.48      | 36.02            | -22.54           |
| 2404            | HDRPM4           | iPA          | 1           | 6.88                    | 4.875  | 30.00                       | -23.12                      | 0.40            | 7.28       | 36.02            | -28.74           |
| 2441            | HDRPM4           | iPA          | 38          | 6.78                    | 4.764  | 30.00                       | -23.22                      | 0.40            | 7.18       | 36.02            | -28.84           |
| 2476            | HDRPM4           | iPA          | 73          | 6.85                    | 4.842  | 30.00                       | -23.16                      | 0.40            | 7.25       | 36.02            | -28.78           |
| 2404            | HDRPM12          | ePA          | 1           | 10.99                   | 12.560 | 30.00                       | -19.01                      | 0.40            | 11.39      | 36.02            | -24.63           |
| 2441            | HDRPM12          | ePA          | 38          | 11.07                   | 12.794 | 30.00                       | -18.93                      | 0.40            | 11.47      | 36.02            | -24.55           |
| 2476            | HDRPM12          | ePA          | 73          | 10.99                   | 12.560 | 30.00                       | -19.02                      | 0.40            | 11.39      | 36.02            | -24.64           |
| 2404            | HDRPM12          | iPA          | 1           | 3.97                    | 2.495  | 30.00                       | -26.03                      | 0.40            | 4.37       | 36.02            | -31.65           |
| 2441            | HDRPM12          | iPA          | 38          | 3.95                    | 2.483  | 30.00                       | -26.05                      | 0.40            | 4.35       | 36.02            | -31.67           |
| 2476            | HDRPM12          | iPA          | 73          | 3.93                    | 2.472  | 30.00                       | -26.07                      | 0.40            | 4.33       | 36.02            | -31.69           |
| 2404            | HDT2             | ePA          | 1           | 13.38                   | 21.777 | 30.00                       | -16.62                      | 0.40            | 13.78      | 36.02            | -22.24           |
| 2440            | HDT2             | ePA          | 37          | 13.46                   | 22.182 | 30.00                       | -16.54                      | 0.40            | 13.86      | 36.02            | -22.16           |
| 2476            | HDT2             | ePA          | 73          | 13.39                   | 21.827 | 30.00                       | -16.61                      | 0.40            | 13.79      | 36.02            | -22.23           |
| 2404            | HDT2             | iPA          | 1           | 6.86                    | 4.853  | 30.00                       | -23.14                      | 0.40            | 7.26       | 36.02            | -28.76           |
| 2440            | HDT2             | iPA          | 37          | 6.85                    | 4.842  | 30.00                       | -23.15                      | 0.40            | 7.25       | 36.02            | -28.77           |
| 2476            | HDT2             | iPA          | 73          | 6.89                    | 4.887  | 30.00                       | -23.11                      | 0.40            | 7.29       | 36.02            | -28.73           |
| 2404            | HDT4             | ePA          | 1           | 13.10                   | 20.417 | 30.00                       | -16.90                      | 0.40            | 13.50      | 36.02            | -22.52           |
| 2440            | HDT4             | ePA          | 37          | 13.16                   | 20.701 | 30.00                       | -16.84                      | 0.40            | 13.56      | 36.02            | -22.46           |
| 2476            | HDT4             | ePA          | 73          | 13.11                   | 20.464 | 30.00                       | -16.90                      | 0.40            | 13.51      | 36.02            | -22.52           |
| 2404            | HDT4             | iPA          | 1           | 7.00                    | 5.012  | 30.00                       | -23.01                      | 0.40            | 7.40       | 36.02            | -28.63           |
| 2440            | HDT4             | iPA          | 37          | 6.80                    | 4.786  | 30.00                       | -23.21                      | 0.40            | 7.20       | 36.02            | -28.83           |
| 2476            | HDT4             | iPA          | 73          | 6.66                    | 4.634  | 30.00                       | -23.34                      | 0.40            | 7.06       | 36.02            | -28.96           |
| 2404            | HDT6             | ePA          | 1           | 11.30                   | 13.490 | 30.00                       | -18.71                      | 0.40            | 11.70      | 36.02            | -24.33           |
| 2440            | HDT6             | ePA          | 37          | 11.36                   | 13.677 | 30.00                       | -18.64                      | 0.40            | 11.76      | 36.02            | -24.26           |
| 2476            | HDT6             | ePA          | 73          | 11.29                   | 13.459 | 30.00                       | -18.71                      | 0.40            | 11.69      | 36.02            | -24.33           |
| 2404            | HDT6             | iPA          | 1           | 3.54                    | 2.259  | 30.00                       | -26.46                      | 0.40            | 3.94       | 36.02            | -32.08           |
| 2440            | HDT6             | iPA          | 37          | 3.84                    | 2.421  | 30.00                       | -26.16                      | 0.40            | 4.24       | 36.02            | -31.78           |
| 2476            | HDT6             | iPA          | 73          | 3.65                    | 2.317  | 30.00                       | -26.35                      | 0.40            | 4.05       | 36.02            | -31.97           |

**Table 7-10. Average Conducted Output Power Measurements Antenna WF2b (Bluetooth HDR)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                                                                            | EUT Type:<br>Tablet Device | Page 65 of 222                    |

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| Frequency<br>[MHz] | Mode    | Power Scheme | Channel No. | Average Conducted Power |        |              |        |        |        | Conducted Power Limit<br>[dBm] | Conducted Power Margin<br>[dB] | Directional Ant.<br>Gain [dBi] | ERP<br>[dBm] | ERP Limit<br>[dBm] | ERP Margin<br>[dB] |
|--------------------|---------|--------------|-------------|-------------------------|--------|--------------|--------|--------|--------|--------------------------------|--------------------------------|--------------------------------|--------------|--------------------|--------------------|
|                    |         |              |             | Antenna WF7b            |        | Antenna WF2b |        | Summed |        |                                |                                |                                |              |                    |                    |
|                    |         |              |             | [dBm]                   | [mW]   | [dBm]        | [mW]   | [dBm]  | [mW]   |                                |                                |                                |              |                    |                    |
| 2404               | HDR4    | ePA          | 1           | 13.67                   | 23.281 | 12.73        | 18.750 | 16.23  | 41.976 | 30.00                          | -13.77                         | 3.82                           | 20.05        | 36.02              | -15.97             |
| 2441               | HDR4    | ePA          | 38          | 13.61                   | 22.961 | 12.60        | 18.197 | 16.15  | 41.210 | 30.00                          | -13.85                         | 3.82                           | 19.97        | 36.02              | -16.05             |
| 2476               | HDR4    | ePA          | 73          | 13.77                   | 23.823 | 12.64        | 18.365 | 16.25  | 42.170 | 30.00                          | -13.75                         | 3.82                           | 20.07        | 36.02              | -15.95             |
| 2404               | HDR4    | iPA          | 1           | 6.10                    | 4.074  | 6.72         | 4.699  | 9.43   | 8.770  | 30.00                          | -20.57                         | 3.82                           | 13.25        | 36.02              | -22.77             |
| 2441               | HDR4    | iPA          | 38          | 6.07                    | 4.046  | 6.74         | 4.721  | 9.43   | 8.770  | 30.00                          | -20.57                         | 3.82                           | 13.25        | 36.02              | -22.77             |
| 2476               | HDR4    | iPA          | 73          | 6.09                    | 4.064  | 6.72         | 4.699  | 9.42   | 8.750  | 30.00                          | -20.58                         | 3.82                           | 13.24        | 36.02              | -22.78             |
| 2404               | HDR8    | ePA          | 1           | 13.64                   | 23.121 | 12.72        | 18.707 | 16.22  | 41.979 | 30.00                          | -13.78                         | 3.82                           | 20.04        | 36.02              | -15.98             |
| 2441               | HDR8    | ePA          | 38          | 13.61                   | 22.961 | 12.64        | 18.365 | 16.16  | 41.305 | 30.00                          | -13.84                         | 3.82                           | 19.98        | 36.02              | -16.04             |
| 2476               | HDR8    | ePA          | 73          | 13.70                   | 23.442 | 12.68        | 18.535 | 16.23  | 41.976 | 30.00                          | -13.77                         | 3.82                           | 20.05        | 36.02              | -15.97             |
| 2404               | HDR8    | iPA          | 1           | 6.35                    | 4.315  | 6.76         | 4.742  | 9.57   | 9.057  | 30.00                          | -20.43                         | 3.82                           | 13.39        | 36.02              | -22.63             |
| 2441               | HDR8    | iPA          | 38          | 5.93                    | 3.917  | 6.57         | 4.539  | 9.27   | 8.453  | 30.00                          | -20.73                         | 3.82                           | 13.09        | 36.02              | -22.93             |
| 2476               | HDR8    | iPA          | 73          | 6.14                    | 4.111  | 6.73         | 4.710  | 9.45   | 8.810  | 30.00                          | -20.55                         | 3.82                           | 13.27        | 36.02              | -22.75             |
| 2404               | HDRPS2  | ePA          | 1           | 13.68                   | 23.335 | 12.94        | 19.679 | 16.34  | 43.053 | 30.00                          | -13.66                         | 3.82                           | 20.16        | 36.02              | -15.86             |
| 2441               | HDRPS2  | ePA          | 38          | 13.90                   | 24.547 | 12.98        | 19.861 | 16.47  | 44.361 | 30.00                          | -13.53                         | 3.82                           | 20.29        | 36.02              | -15.73             |
| 2476               | HDRPS2  | ePA          | 73          | 13.71                   | 23.496 | 12.95        | 19.724 | 16.35  | 43.152 | 30.00                          | -13.65                         | 3.82                           | 20.17        | 36.02              | -15.85             |
| 2404               | HDRPS2  | iPA          | 1           | 6.02                    | 3.999  | 6.88         | 4.875  | 9.48   | 8.872  | 30.00                          | -20.52                         | 3.82                           | 13.30        | 36.02              | -22.72             |
| 2441               | HDRPS2  | iPA          | 38          | 6.02                    | 3.999  | 6.77         | 4.753  | 9.42   | 8.750  | 30.00                          | -20.58                         | 3.82                           | 13.24        | 36.02              | -22.78             |
| 2476               | HDRPS2  | iPA          | 73          | 6.19                    | 4.159  | 6.93         | 4.932  | 9.58   | 9.078  | 30.00                          | -20.42                         | 3.82                           | 13.40        | 36.02              | -22.62             |
| 2404               | HDRPM4  | ePA          | 1           | 13.67                   | 23.281 | 13.01        | 19.999 | 16.36  | 43.251 | 30.00                          | -13.64                         | 3.82                           | 20.18        | 36.02              | -15.84             |
| 2441               | HDRPM4  | ePA          | 38          | 13.56                   | 22.899 | 13.18        | 20.797 | 16.38  | 43.451 | 30.00                          | -13.62                         | 3.82                           | 20.20        | 36.02              | -15.82             |
| 2476               | HDRPM4  | ePA          | 73          | 13.72                   | 23.550 | 13.09        | 20.370 | 16.43  | 43.954 | 30.00                          | -13.57                         | 3.82                           | 20.25        | 36.02              | -15.77             |
| 2404               | HDRPM4  | iPA          | 1           | 6.25                    | 4.217  | 6.88         | 4.875  | 9.58   | 9.078  | 30.00                          | -20.42                         | 3.82                           | 13.40        | 36.02              | -22.62             |
| 2441               | HDRPM4  | iPA          | 38          | 6.46                    | 4.426  | 6.94         | 4.943  | 9.72   | 9.376  | 30.00                          | -20.28                         | 3.82                           | 13.54        | 36.02              | -22.48             |
| 2476               | HDRPM4  | iPA          | 73          | 6.46                    | 4.426  | 6.96         | 4.966  | 9.73   | 9.397  | 30.00                          | -20.27                         | 3.82                           | 13.55        | 36.02              | -22.47             |
| 2404               | HDRPM12 | ePA          | 1           | 11.63                   | 14.555 | 11.03        | 12.677 | 14.35  | 27.227 | 30.00                          | -15.65                         | 3.82                           | 18.17        | 36.02              | -17.85             |
| 2441               | HDRPM12 | ePA          | 38          | 11.56                   | 14.322 | 11.10        | 12.882 | 14.35  | 27.227 | 30.00                          | -15.65                         | 3.82                           | 18.17        | 36.02              | -17.85             |
| 2476               | HDRPM12 | ePA          | 73          | 11.67                   | 14.689 | 11.02        | 12.647 | 14.37  | 27.353 | 30.00                          | -15.63                         | 3.82                           | 18.19        | 36.02              | -17.83             |
| 2404               | HDRPM12 | iPA          | 1           | 3.46                    | 2.218  | 3.24         | 2.109  | 6.36   | 4.325  | 30.00                          | -23.64                         | 3.82                           | 10.18        | 36.02              | -25.84             |
| 2441               | HDRPM12 | iPA          | 38          | 3.22                    | 2.099  | 3.23         | 2.104  | 6.23   | 4.198  | 30.00                          | -23.77                         | 3.82                           | 10.05        | 36.02              | -25.97             |
| 2476               | HDRPM12 | iPA          | 73          | 3.27                    | 2.123  | 3.96         | 2.489  | 6.64   | 4.613  | 30.00                          | -23.36                         | 3.82                           | 10.46        | 36.02              | -25.56             |
| 2404               | HDT2    | ePA          | 1           | 13.92                   | 24.660 | 13.39        | 21.827 | 16.67  | 46.452 | 30.00                          | -13.33                         | 3.82                           | 20.49        | 36.02              | -15.53             |
| 2440               | HDT2    | ePA          | 37          | 13.83                   | 24.155 | 13.47        | 22.233 | 16.66  | 46.345 | 30.00                          | -13.34                         | 3.82                           | 20.48        | 36.02              | -15.54             |
| 2476               | HDT2    | ePA          | 73          | 13.96                   | 24.889 | 13.41        | 21.928 | 16.70  | 46.774 | 30.00                          | -13.30                         | 3.82                           | 20.52        | 36.02              | -15.50             |
| 2404               | HDT2    | iPA          | 1           | 5.68                    | 3.608  | 6.94         | 4.943  | 9.36   | 8.630  | 30.00                          | -20.64                         | 3.82                           | 13.18        | 36.02              | -22.84             |
| 2440               | HDT2    | iPA          | 37          | 5.79                    | 3.793  | 6.76         | 4.742  | 9.31   | 8.531  | 30.00                          | -20.69                         | 3.82                           | 13.13        | 36.02              | -22.89             |
| 2476               | HDT2    | iPA          | 73          | 5.85                    | 3.846  | 6.61         | 4.581  | 9.25   | 8.414  | 30.00                          | -20.75                         | 3.82                           | 13.07        | 36.02              | -22.95             |
| 2404               | HDT4    | ePA          | 1           | 13.67                   | 23.281 | 13.10        | 20.417 | 16.40  | 43.852 | 30.00                          | -13.60                         | 3.82                           | 20.22        | 36.02              | -15.80             |
| 2440               | HDT4    | ePA          | 37          | 13.54                   | 22.594 | 13.16        | 20.701 | 16.37  | 43.351 | 30.00                          | -13.63                         | 3.82                           | 20.19        | 36.02              | -15.83             |
| 2476               | HDT4    | ePA          | 73          | 13.71                   | 23.496 | 13.10        | 20.417 | 16.43  | 43.954 | 30.00                          | -13.57                         | 3.82                           | 20.25        | 36.02              | -15.77             |
| 2404               | HDT4    | iPA          | 1           | 6.37                    | 4.335  | 6.93         | 4.932  | 9.67   | 9.268  | 30.00                          | -20.33                         | 3.82                           | 13.49        | 36.02              | -22.53             |
| 2440               | HDT4    | iPA          | 37          | 6.50                    | 4.467  | 6.74         | 4.721  | 9.63   | 9.183  | 30.00                          | -20.37                         | 3.82                           | 13.45        | 36.02              | -22.57             |
| 2476               | HDT4    | iPA          | 73          | 6.41                    | 4.375  | 6.61         | 4.581  | 9.52   | 8.954  | 30.00                          | -20.48                         | 3.82                           | 13.34        | 36.02              | -22.68             |
| 2404               | HDT6    | ePA          | 1           | 11.80                   | 15.136 | 11.30        | 13.490 | 14.57  | 28.642 | 30.00                          | -15.43                         | 3.82                           | 18.39        | 36.02              | -17.63             |
| 2440               | HDT6    | ePA          | 37          | 11.69                   | 14.757 | 11.38        | 13.740 | 14.54  | 28.445 | 30.00                          | -15.46                         | 3.82                           | 18.36        | 36.02              | -17.66             |
| 2476               | HDT6    | ePA          | 73          | 11.83                   | 15.241 | 11.29        | 13.459 | 14.58  | 28.708 | 30.00                          | -15.42                         | 3.82                           | 18.40        | 36.02              | -17.62             |
| 2404               | HDT6    | iPA          | 1           | 3.08                    | 2.032  | 3.98         | 2.500  | 6.56   | 4.529  | 30.00                          | -23.44                         | 3.82                           | 10.38        | 36.02              | -25.64             |
| 2440               | HDT6    | iPA          | 37          | 3.47                    | 2.223  | 3.84         | 2.421  | 6.67   | 4.645  | 30.00                          | -23.33                         | 3.82                           | 10.49        | 36.02              | -25.53             |
| 2476               | HDT6    | iPA          | 73          | 3.38                    | 2.178  | 3.64         | 2.312  | 6.52   | 4.487  | 30.00                          | -23.48                         | 3.82                           | 10.34        | 36.02              | -25.68             |

**Table 7-11. Average Conducted Output Power Measurements TxBF (Bluetooth HDR)**

|                                            |                                                                                                                                   |                            |                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                            | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                                                                            | EUT Type:<br>Tablet Device | Page 66 of 222                    |

**Note:**

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 and KDB 662911 D01 v02r01 Section E)1), the conducted powers at Antenna WF7b and Antenna WF2b were first measured separately during TxBF transmission as shown in the section above. The measured values were then summed in linear power units then converted back to dBm.

Per ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 Subclause 14.6.3, the directional gain is calculated using the following formula, where  $G_N$  is the gain of the nth antenna and  $N_{ANT}$ , the total number of antennas used.

$$\text{Directional gain} = 10 \log [(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}] \text{ dBi}$$

**Sample TxBF Calculation:**

At 2404MHz the average conducted output power was measured to be 13.67 dBm for Antenna WF7b and 12.73 dBm for Antenna WF2b.

$$\text{Antenna WF7b} + \text{Antenna WF2b} = \text{TxBF}$$

$$(13.67 \text{ dBm} + 12.73 \text{ dBm}) = (23.281 \text{ mW} + 18.750 \text{ mW}) = 41.976 \text{ mW} = 16.23 \text{ dBm}$$

**Sample e.i.r.p. Calculation:**

At 2404MHz, the average conducted output power was calculated to be 16.76 dBm with antenna gain of 3.82 dBi.

$$\text{e.i.r.p. (dBm)} = \text{Conducted Power (dBm)} + \text{Ant gain (dBi)}$$

$$16.23 \text{ dBm} + 3.82 \text{ dBi} = 20.05 \text{ dBm}$$

|                                                   |                                                                                                                                   |                                   |                                          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|
| <b>FCC ID:</b> BCGA3461<br><b>IC:</b> 579C-A3461  |  <b>MEASUREMENT REPORT<br/>(CERTIFICATION)</b> |                                   | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1C2509100081-07-R3.BCG | <b>Test Dates:</b><br>09/15/2025 - 11/12/2025                                                                                     | <b>EUT Type:</b><br>Tablet Device | Page 67 of 222                           |

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## 7.5 Power Spectral Density

§15.247(e); RSS-247 [6.3.1(b)]

### Test Overview and Limit

The peak power density is measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power and at the appropriate frequencies.

***The maximum permissible power spectral density is 8 dBm in any 3 kHz band.***

### Test Procedure Used

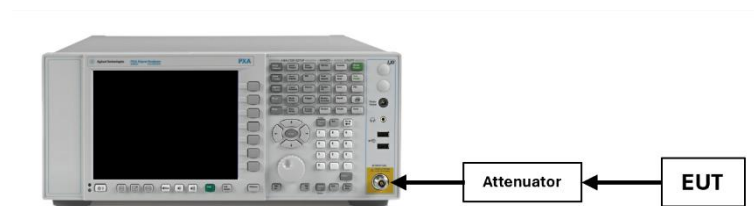
ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 11.10.2 Method PKPSD KDB 558074 D01 v05r02 – Section 8.4 DTS Maximum Power Spectral Density level in the fundamental emission  
ANSI C63.10:2020 + Cor. 1:2023 + C63.10a:2024 + Errata to C63.10a:2024 – Subclause 14.5.2.2 Measure-and-Sum Technique  
KDB 662911 D01 v02r01 – Section E)2) Measure-and-Sum Technique

### Test Settings

1. Analyzer was set to the center frequency of the DTS channel under investigation
2. Span = 1.5 times the DTS channel bandwidth
3. RBW = 3kHz
4. VBW  $\geq 3 \times$  RBW
5. Detector = peak
6. Sweep time = auto couple
7. Trace mode = max hold
8. Trace was allowed to stabilize

### Test Setup

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



**Figure 7-4. Test Instrument & Measurement Setup**

### Test Notes

None

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
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## 7.5.1 Antenna WF7b

| Frequency [MHz] | Mode    | Power Scheme | Channel No. | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] |
|-----------------|---------|--------------|-------------|-----------------------------------|------------------------------|-------------|
| 2404            | HDR4    | ePA          | 1           | -0.96                             | 8.0                          | -8.96       |
| 2441            | HDR4    | ePA          | 38          | -1.11                             | 8.0                          | -9.11       |
| 2476            | HDR4    | ePA          | 73          | -1.10                             | 8.0                          | -9.10       |
| 2404            | HDR4    | iPA          | 1           | -8.82                             | 8.0                          | -16.82      |
| 2441            | HDR4    | iPA          | 38          | -8.64                             | 8.0                          | -16.64      |
| 2476            | HDR4    | iPA          | 73          | -8.68                             | 8.0                          | -16.68      |
| 2404            | HDR8    | ePA          | 1           | -2.74                             | 8.0                          | -10.74      |
| 2441            | HDR8    | ePA          | 38          | -2.32                             | 8.0                          | -10.32      |
| 2476            | HDR8    | ePA          | 73          | -2.77                             | 8.0                          | -10.77      |
| 2404            | HDR8    | iPA          | 1           | -10.49                            | 8.0                          | -18.49      |
| 2441            | HDR8    | iPA          | 38          | -10.45                            | 8.0                          | -18.45      |
| 2476            | HDR8    | iPA          | 73          | -10.40                            | 8.0                          | -18.40      |
| 2404            | HDRPS2  | ePA          | 1           | -3.08                             | 8.0                          | -11.08      |
| 2441            | HDRPS2  | ePA          | 38          | -3.23                             | 8.0                          | -11.23      |
| 2476            | HDRPS2  | ePA          | 73          | -3.18                             | 8.0                          | -11.18      |
| 2404            | HDRPS2  | iPA          | 1           | -10.71                            | 8.0                          | -18.71      |
| 2441            | HDRPS2  | iPA          | 38          | -10.65                            | 8.0                          | -18.65      |
| 2476            | HDRPS2  | iPA          | 73          | -10.63                            | 8.0                          | -18.63      |
| 2404            | XHDRPM6 | ePA          | 1           | -6.93                             | 8.0                          | -14.93      |
| 2441            | XHDRPM6 | ePA          | 38          | -7.12                             | 8.0                          | -15.12      |
| 2476            | XHDRPM6 | ePA          | 73          | -7.16                             | 8.0                          | -15.16      |
| 2404            | XHDRPM6 | iPA          | 1           | -14.97                            | 8.0                          | -22.97      |
| 2441            | XHDRPM6 | iPA          | 38          | -14.83                            | 8.0                          | -22.83      |
| 2476            | XHDRPM6 | iPA          | 73          | -14.77                            | 8.0                          | -22.77      |
| 2404            | HDRPM16 | ePA          | 1           | -7.17                             | 8.0                          | -15.17      |
| 2441            | HDRPM16 | ePA          | 38          | -7.32                             | 8.0                          | -15.32      |
| 2476            | HDRPM16 | ePA          | 73          | -7.44                             | 8.0                          | -15.44      |
| 2404            | HDRPM16 | iPA          | 1           | -16.17                            | 8.0                          | -24.17      |
| 2441            | HDRPM16 | iPA          | 38          | -16.18                            | 8.0                          | -24.18      |
| 2476            | HDRPM16 | iPA          | 73          | -16.20                            | 8.0                          | -24.20      |
| 2404            | HDT2    | ePA          | 1           | -5.29                             | 8.0                          | -13.29      |
| 2440            | HDT2    | ePA          | 37          | -5.45                             | 8.0                          | -13.45      |
| 2476            | HDT2    | ePA          | 73          | -5.42                             | 8.0                          | -13.42      |
| 2404            | HDT2    | iPA          | 1           | -13.27                            | 8.0                          | -21.27      |
| 2440            | HDT2    | iPA          | 37          | -13.12                            | 8.0                          | -21.12      |
| 2476            | HDT2    | iPA          | 73          | -13.05                            | 8.0                          | -21.05      |

**Table 7-12. Conducted Power Density Measurements Antenna WF7b**

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
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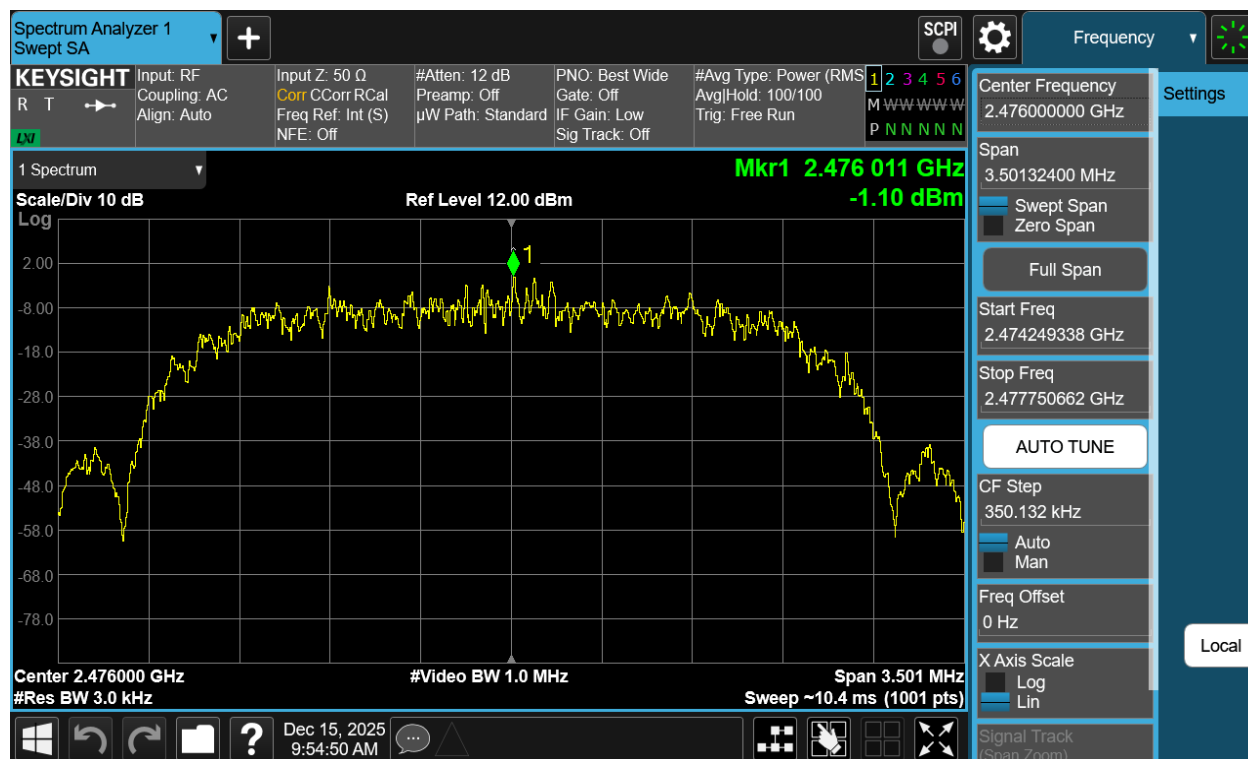


Plot 7-73. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR4), 4Mbps, ePA – Ch. 1)

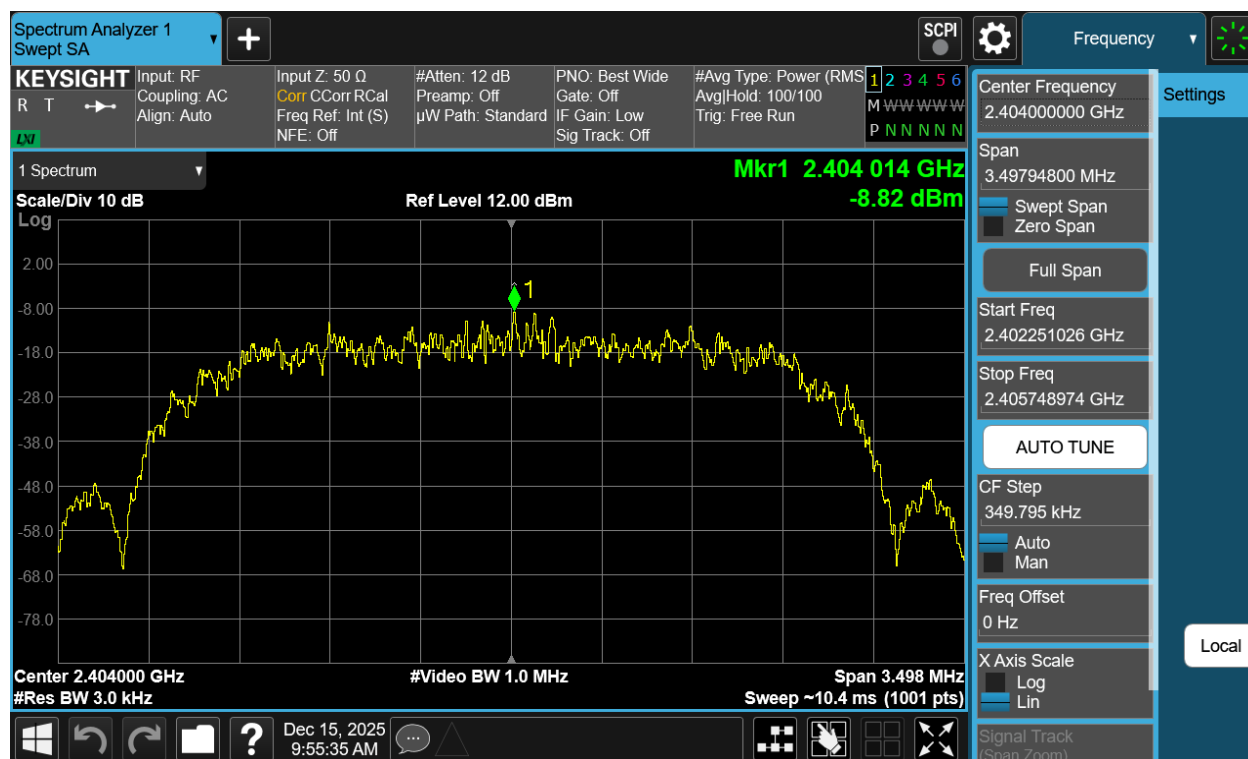


Plot 7-74. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR4), 4Mbps, ePA – Ch. 38)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
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Plot 7-75. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR4), 4Mbps, ePA – Ch. 73)

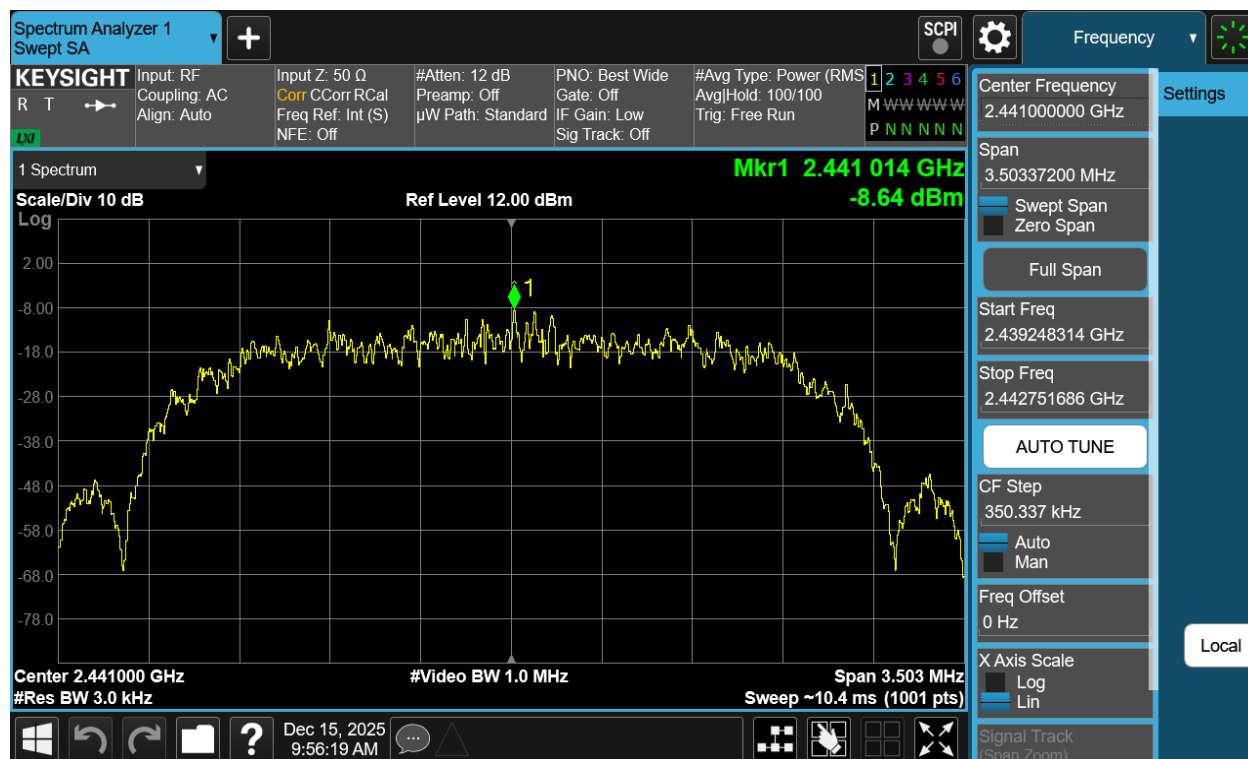


Plot 7-76. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR4), 4Mbps, iPA – Ch. 1)

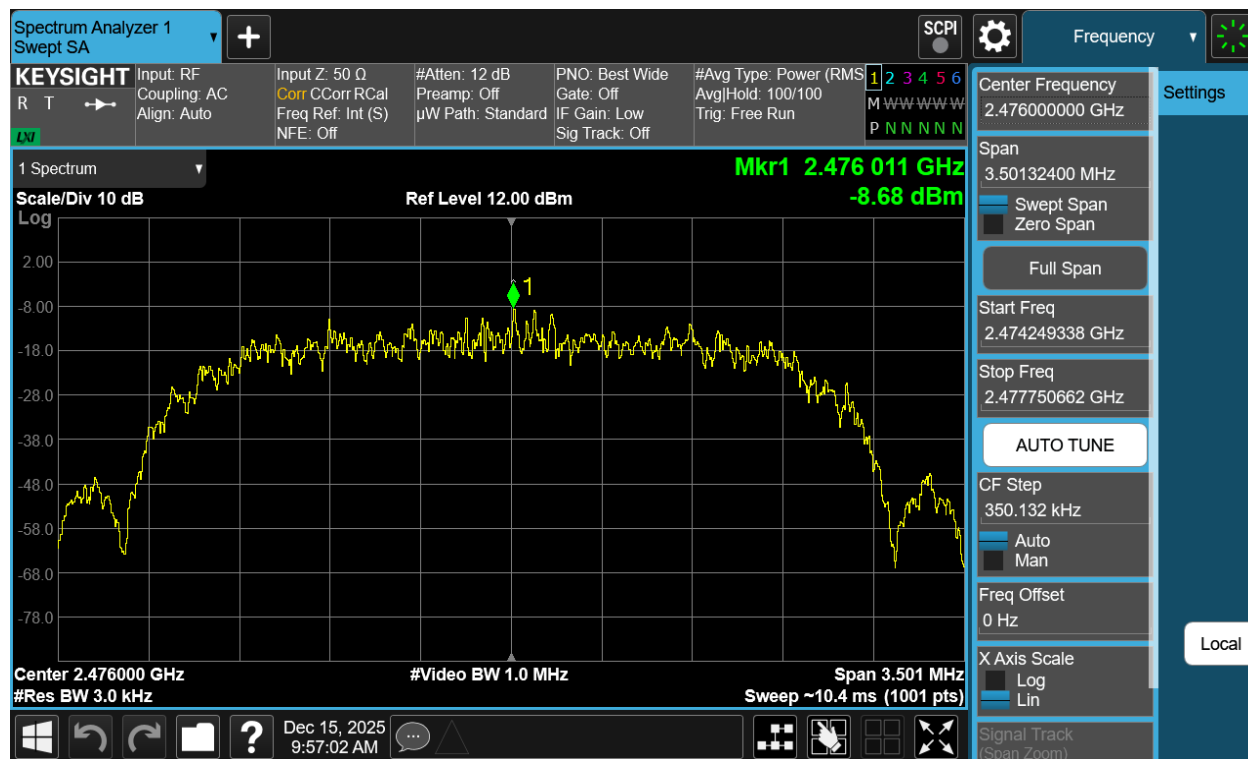
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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Plot 7-77. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR4), 4Mbps, iPA – Ch. 38)



Plot 7-78. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR4), 4Mbps, iPA – Ch. 73)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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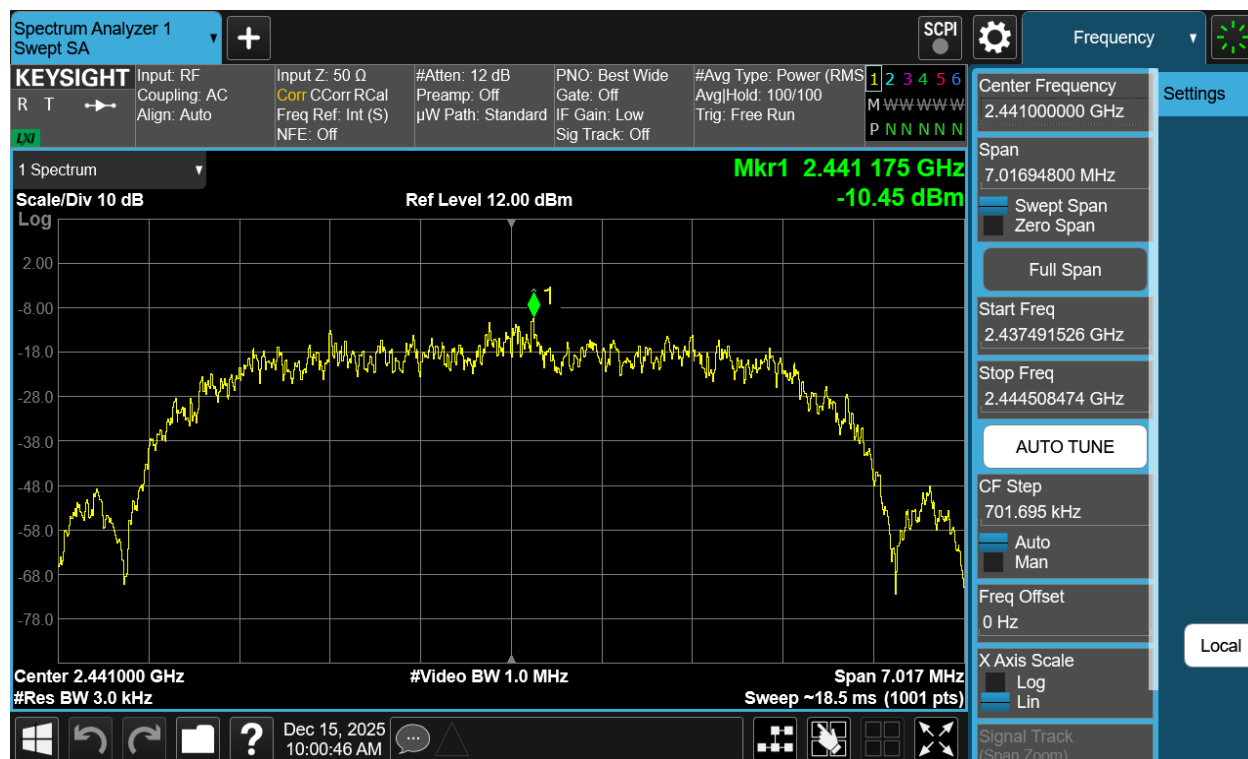


Plot 7-81. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR8), 8Mbps, ePA – Ch. 73)

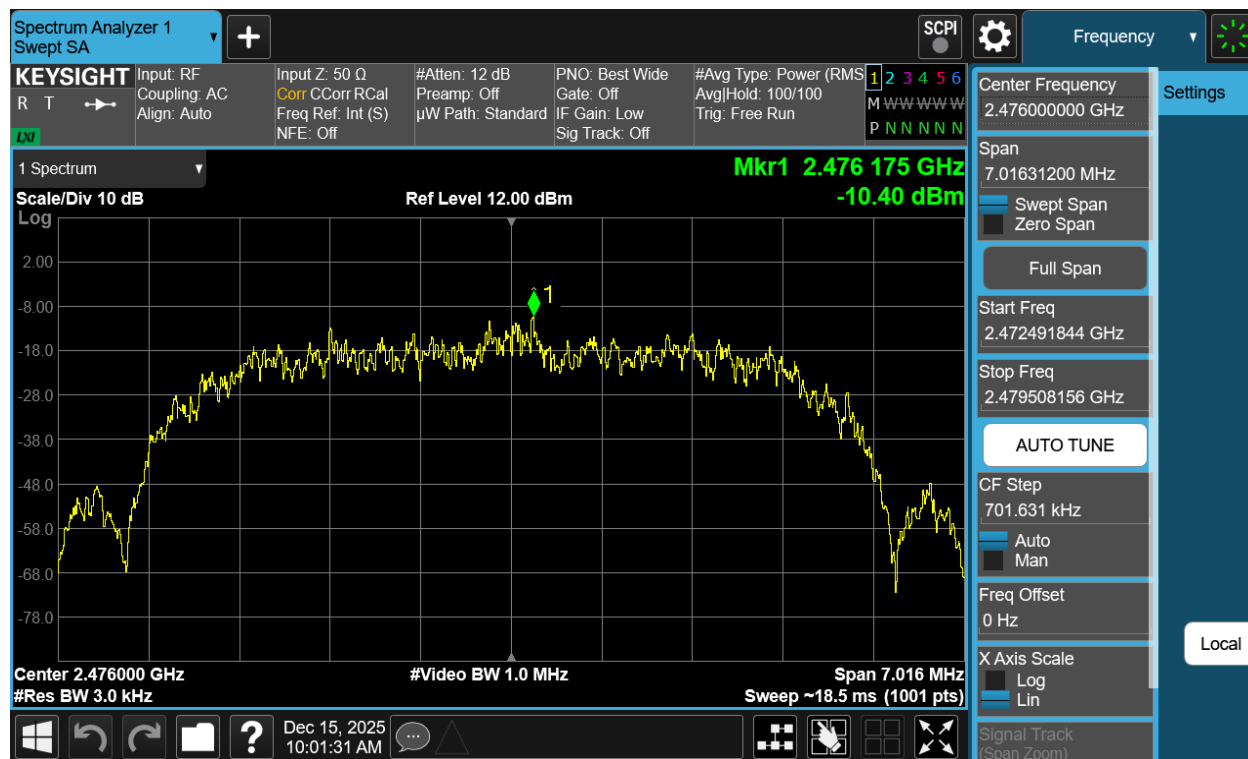


Plot 7-82. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR8), 8Mbps, iPA – Ch. 1)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 74 of 222                    |

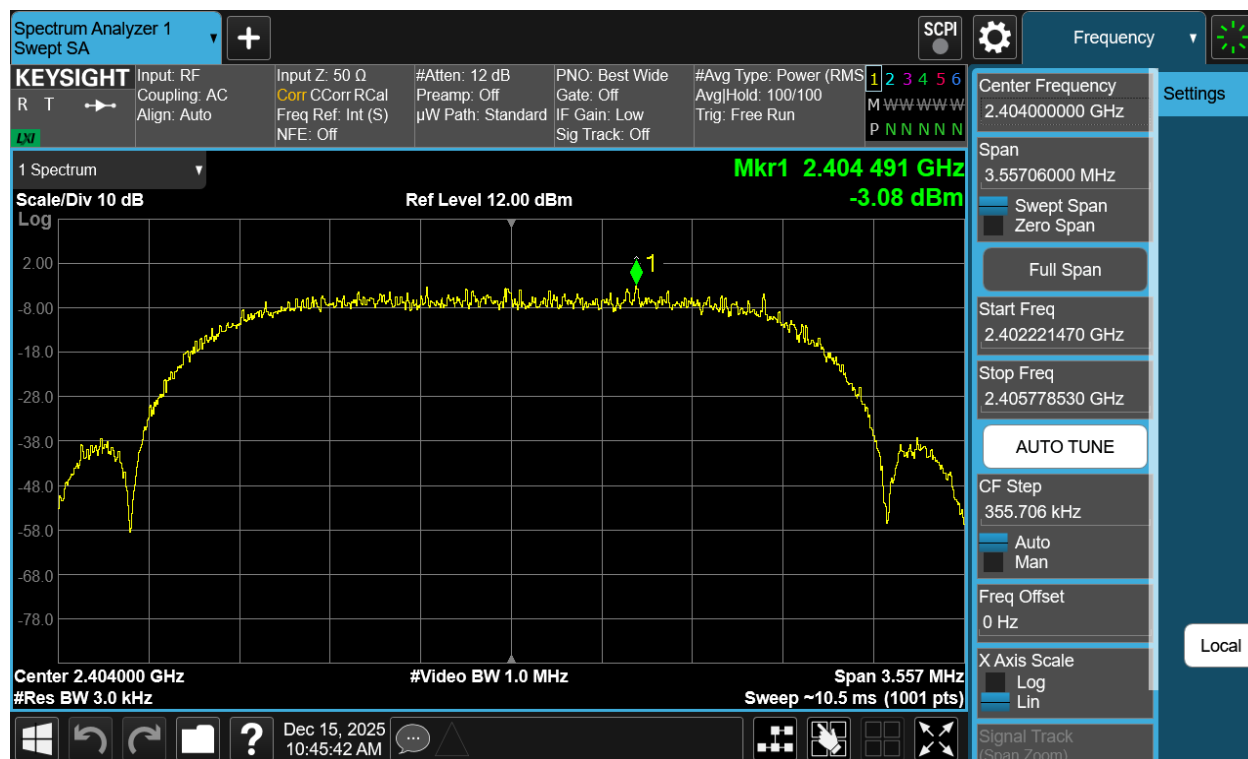


Plot 7-83. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR8), 8Mbps, iPA – Ch. 38)

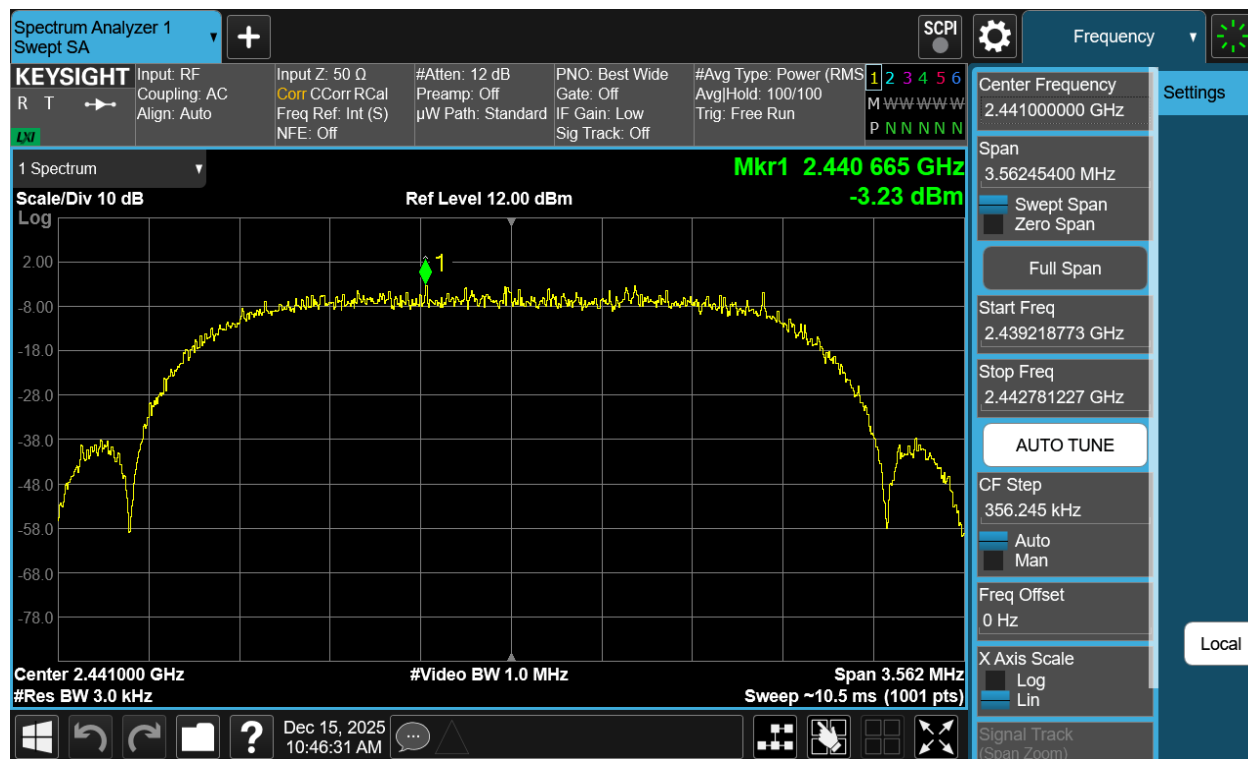


Plot 7-84. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDR8), 8Mbps, iPA – Ch. 73)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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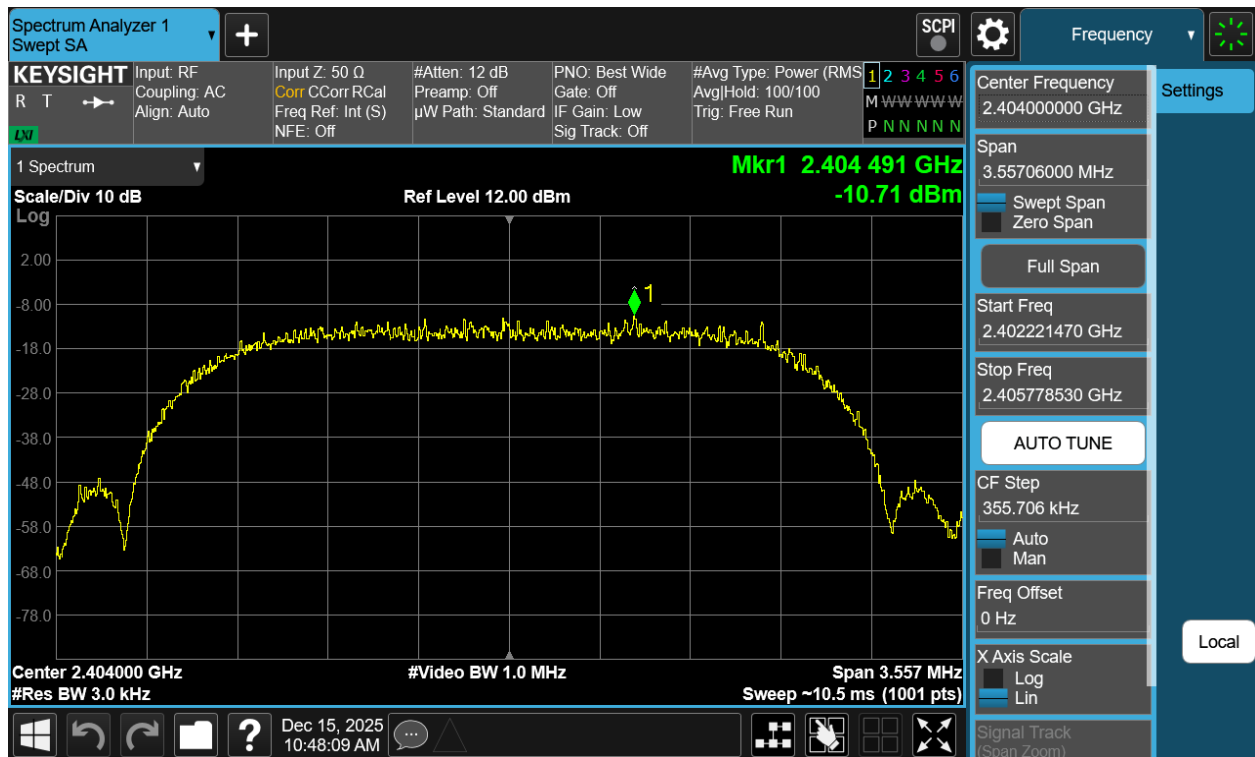
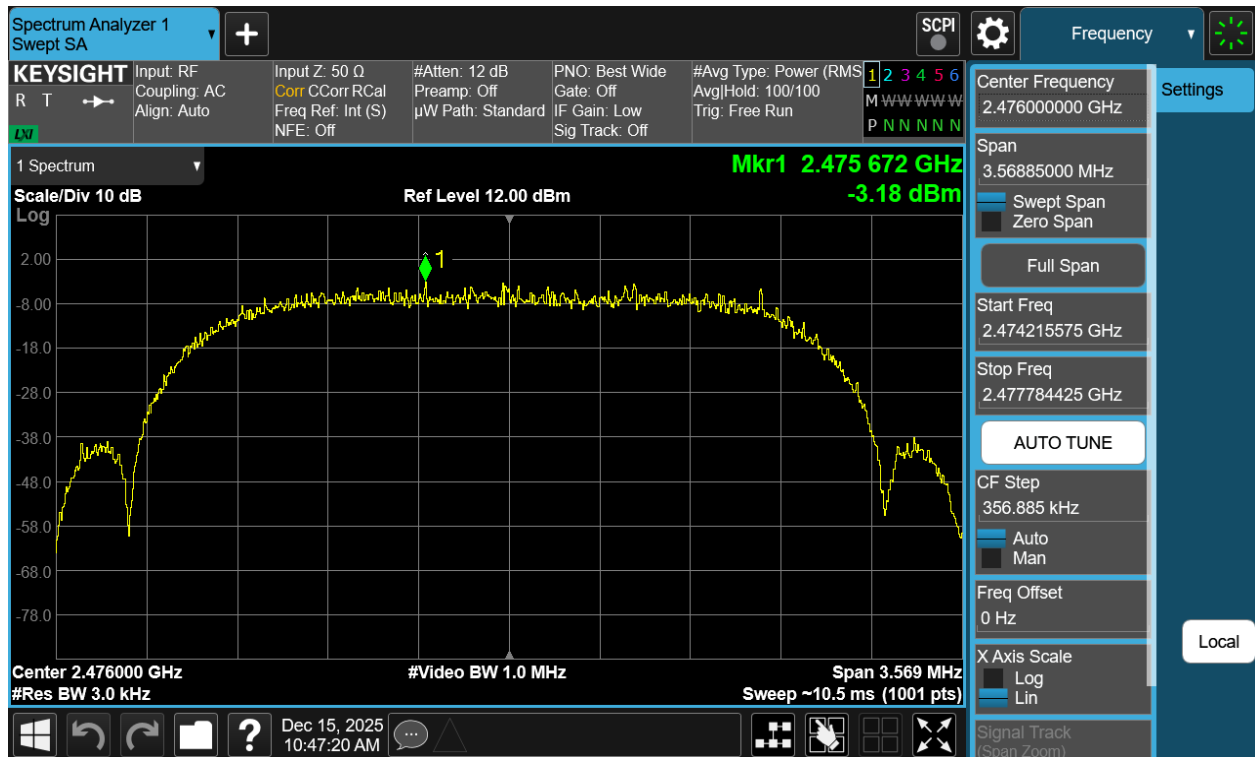


Plot 7-85. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPS2), 2Mbps, ePA – Ch. 1)

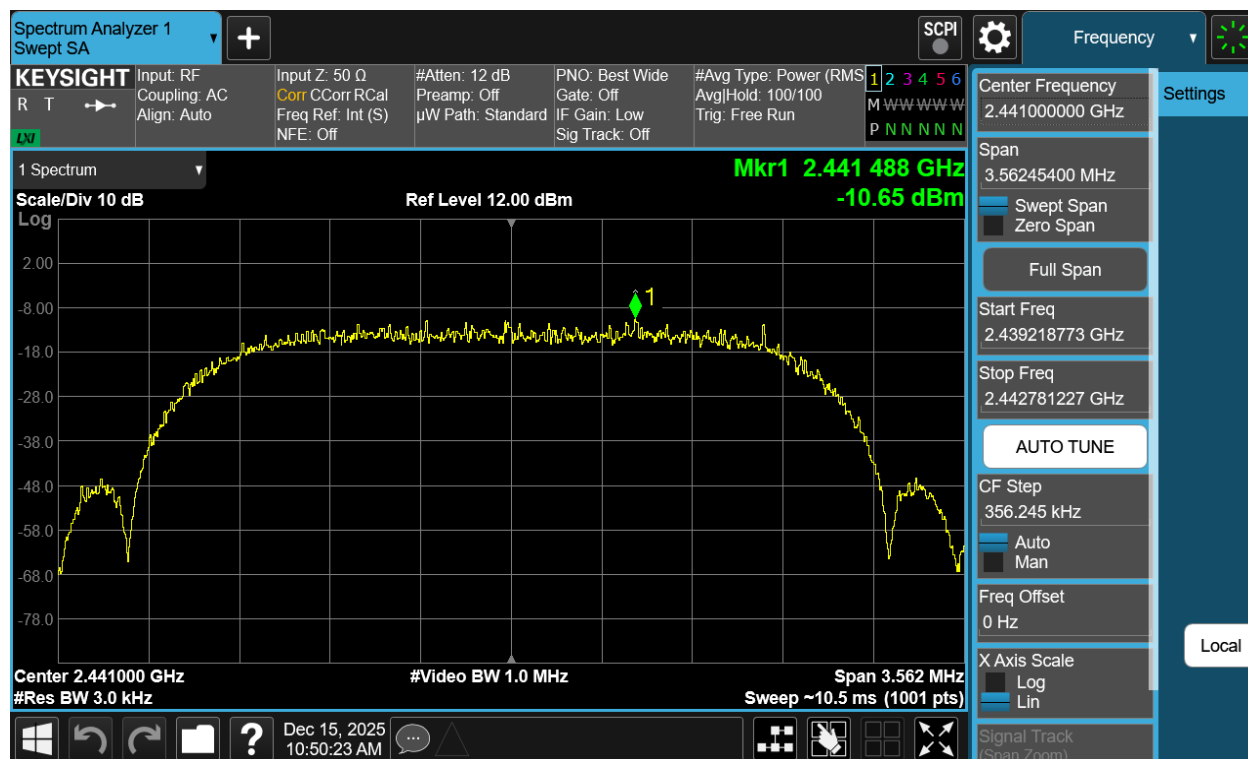


Plot 7-86. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPS2), 2Mbps, ePA – Ch. 38)

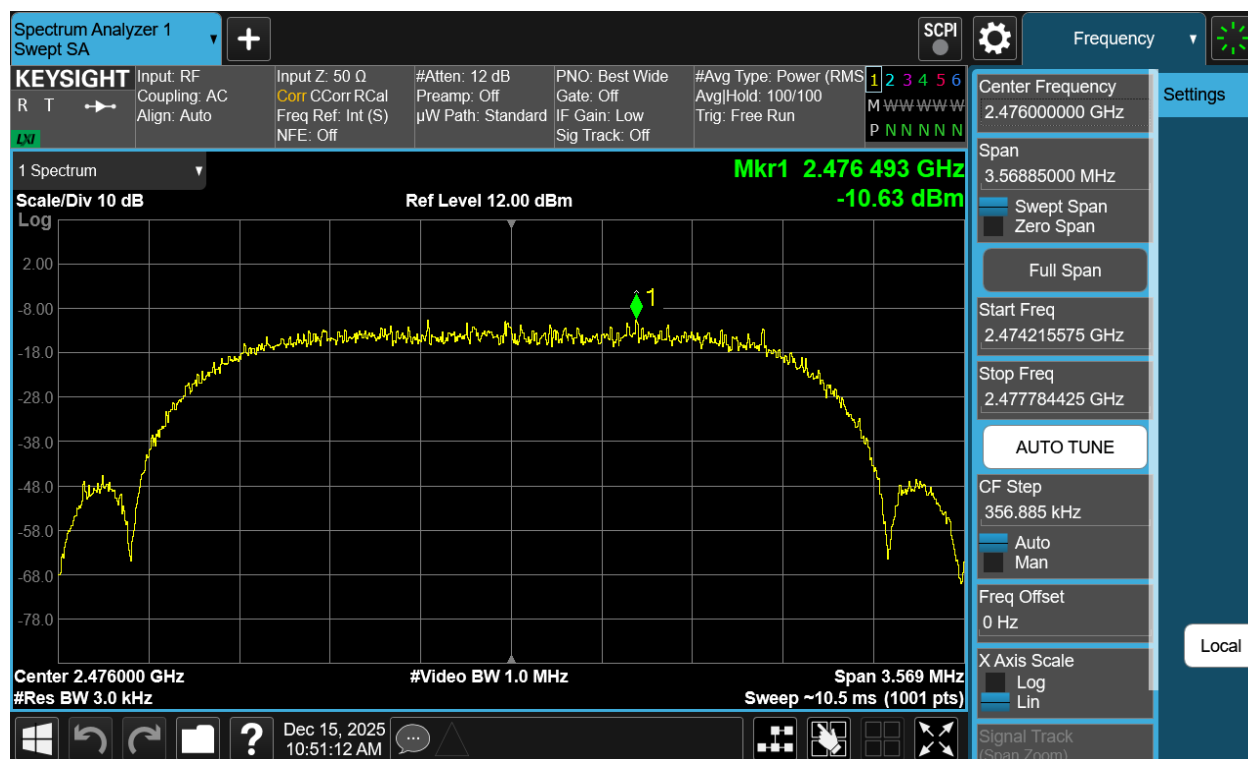
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
| FCC ID: BCGA3461<br>IC: 579C-A3461         |  | MEASUREMENT REPORT<br>(CERTIFICATION) | Approved by:<br>Technical Manager |
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|                                            |                                                                                     |                                       |                                   |
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Plot 7-89. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPS2), 2Mbps, iPA – Ch. 38)

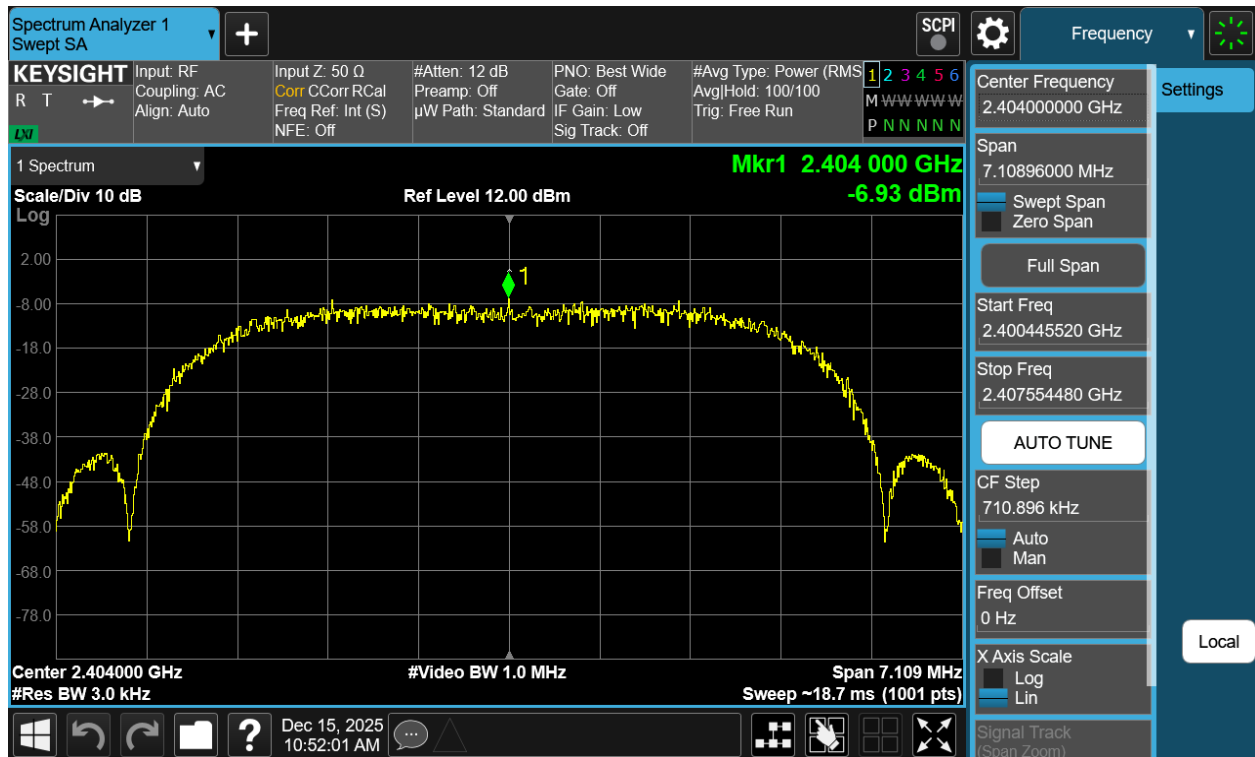


Plot 7-90. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPS2), 2Mbps, iPA – Ch. 73)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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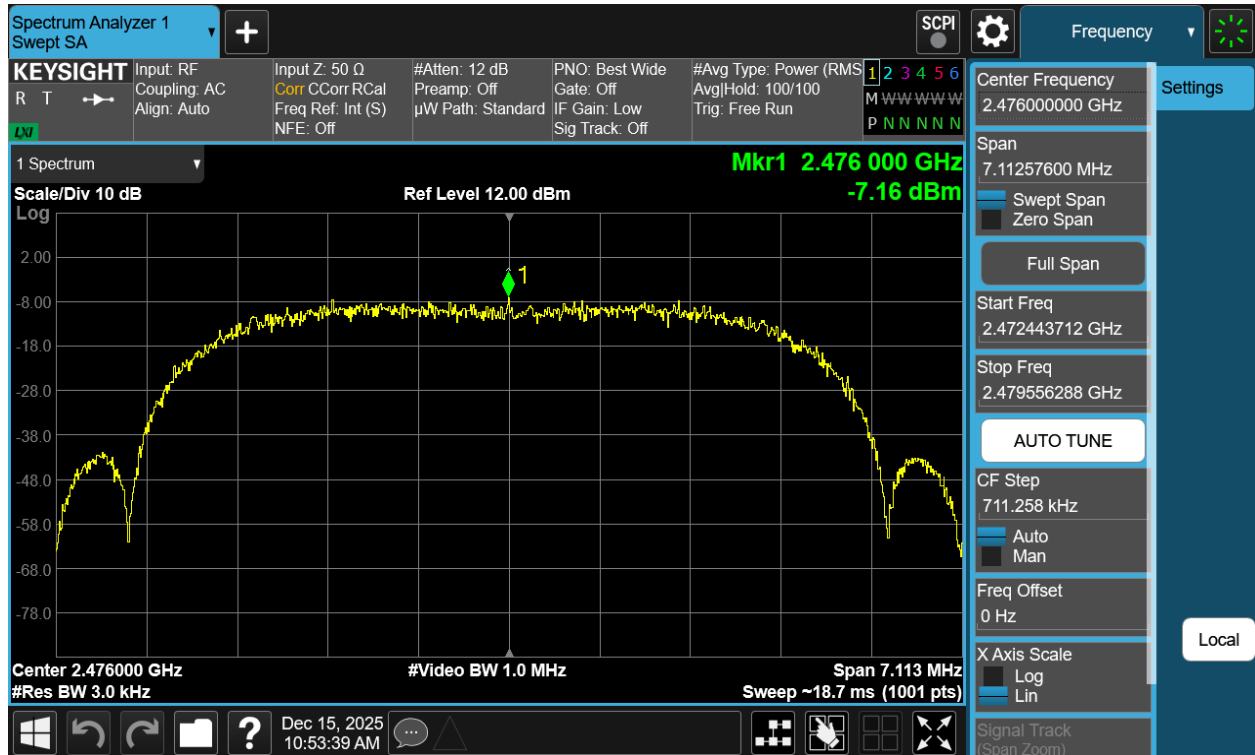


Plot 7-91. Power Spectral Density Plot Antenna WF7b (Bluetooth (XHDRPM6), 6Mbps, ePA – Ch. 1)



Plot 7-92. Power Spectral Density Plot Antenna WF7b (Bluetooth (XHDRPM6), 6Mbps, ePA – Ch. 38)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 79 of 222                    |

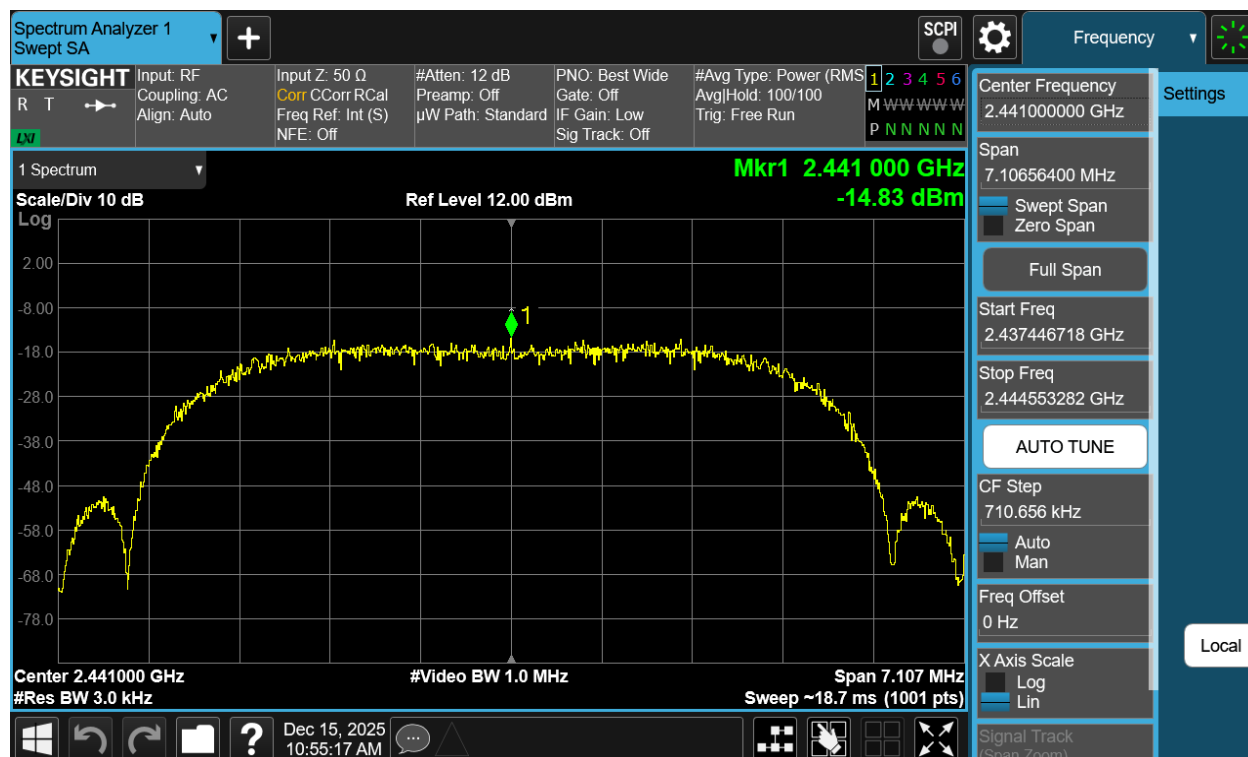


Plot 7-93. Power Spectral Density Plot Antenna WF7b (Bluetooth (XHDRPM6), 6Mbps, ePA – Ch. 73)

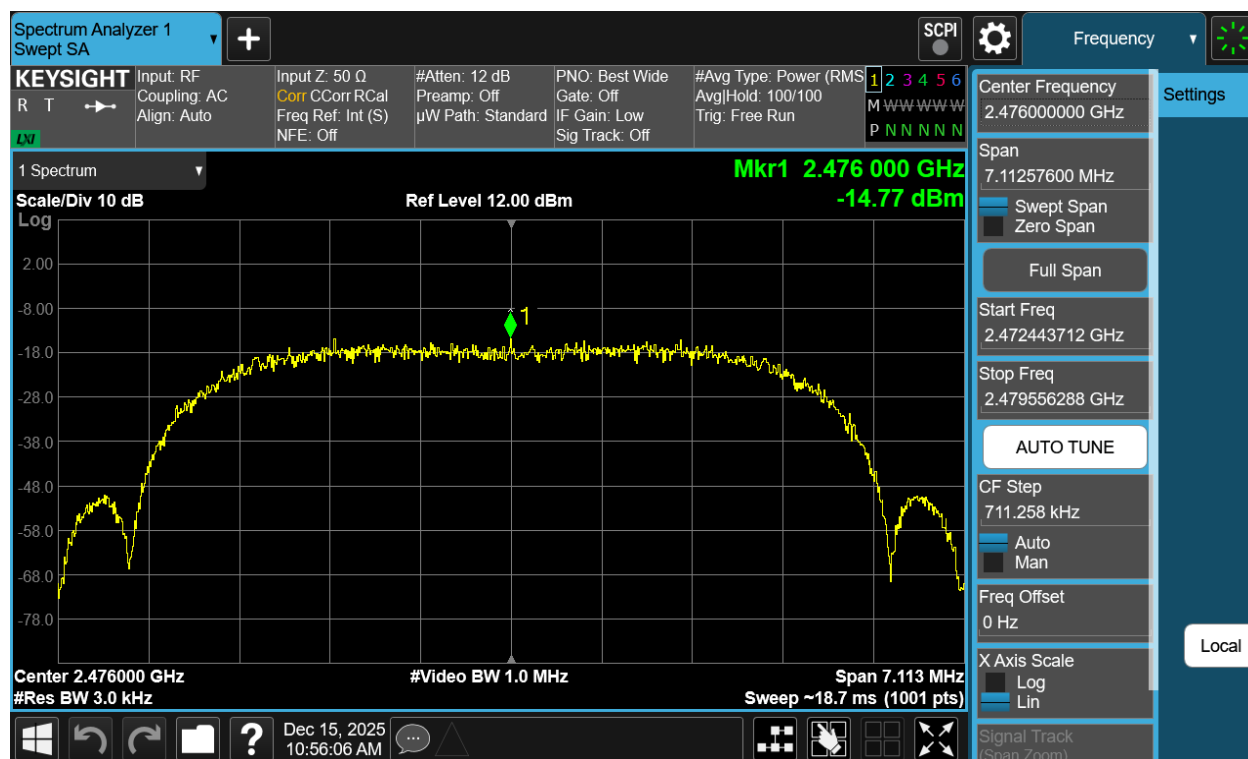


Plot 7-94. Power Spectral Density Plot Antenna WF7b (Bluetooth (XHDRPM6), 6Mbps, iPA – Ch. 1)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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Plot 7-95. Power Spectral Density Plot Antenna WF7b (Bluetooth (XHDRPM6), 6Mbps, iPA – Ch. 38)



Plot 7-96. Power Spectral Density Plot Antenna WF7b (Bluetooth (XHDRPM6), 6Mbps, iPA – Ch. 73)

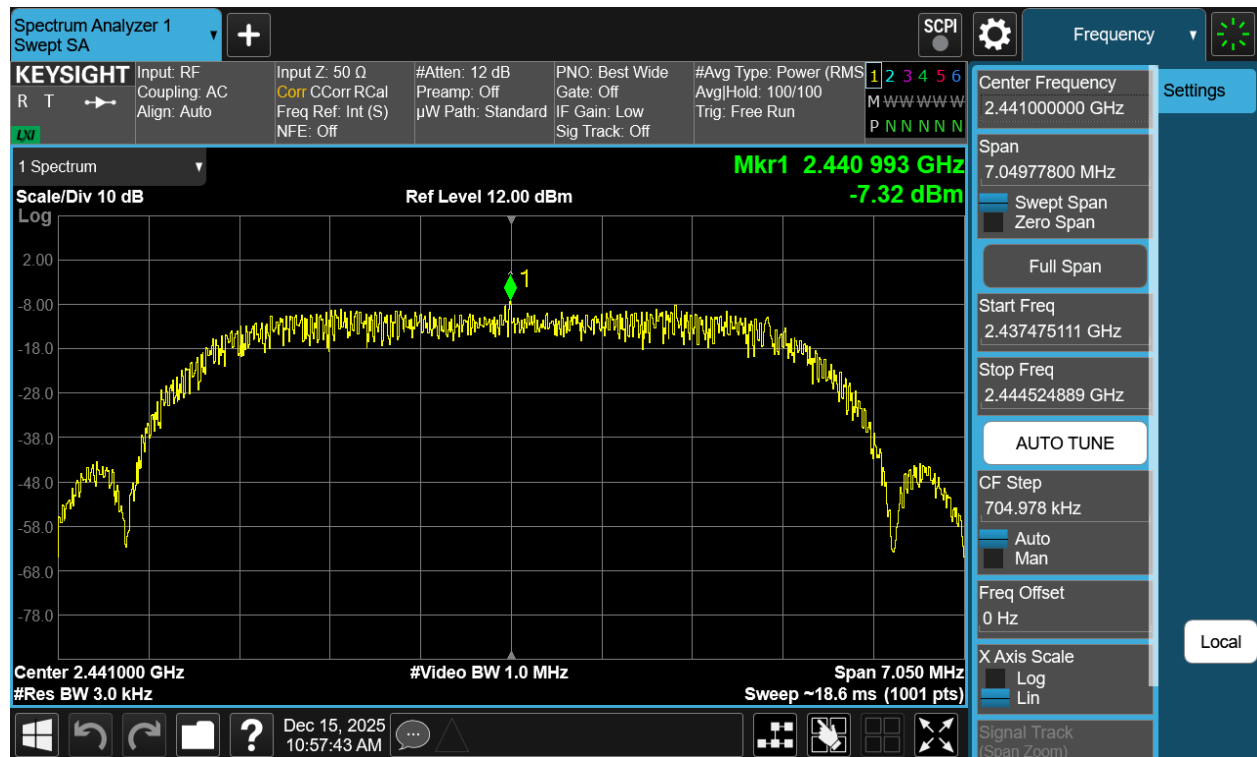
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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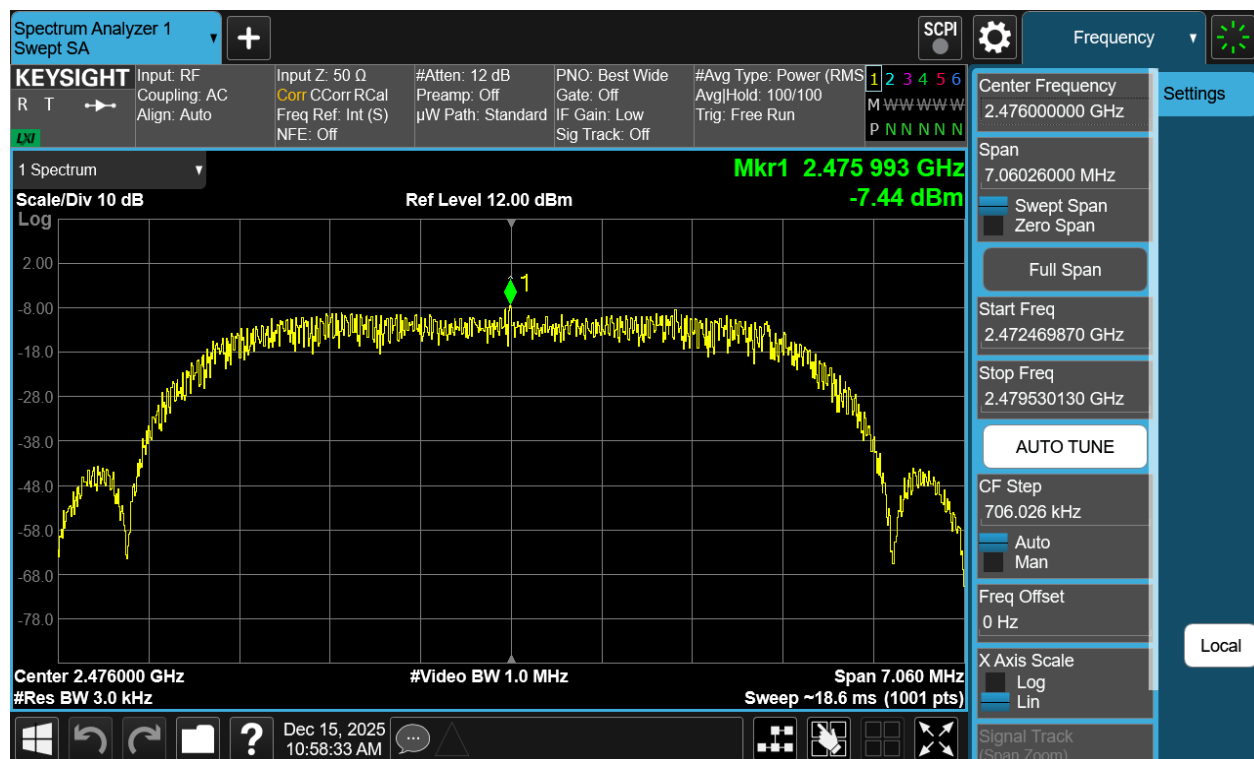


Plot 7-97. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 1)

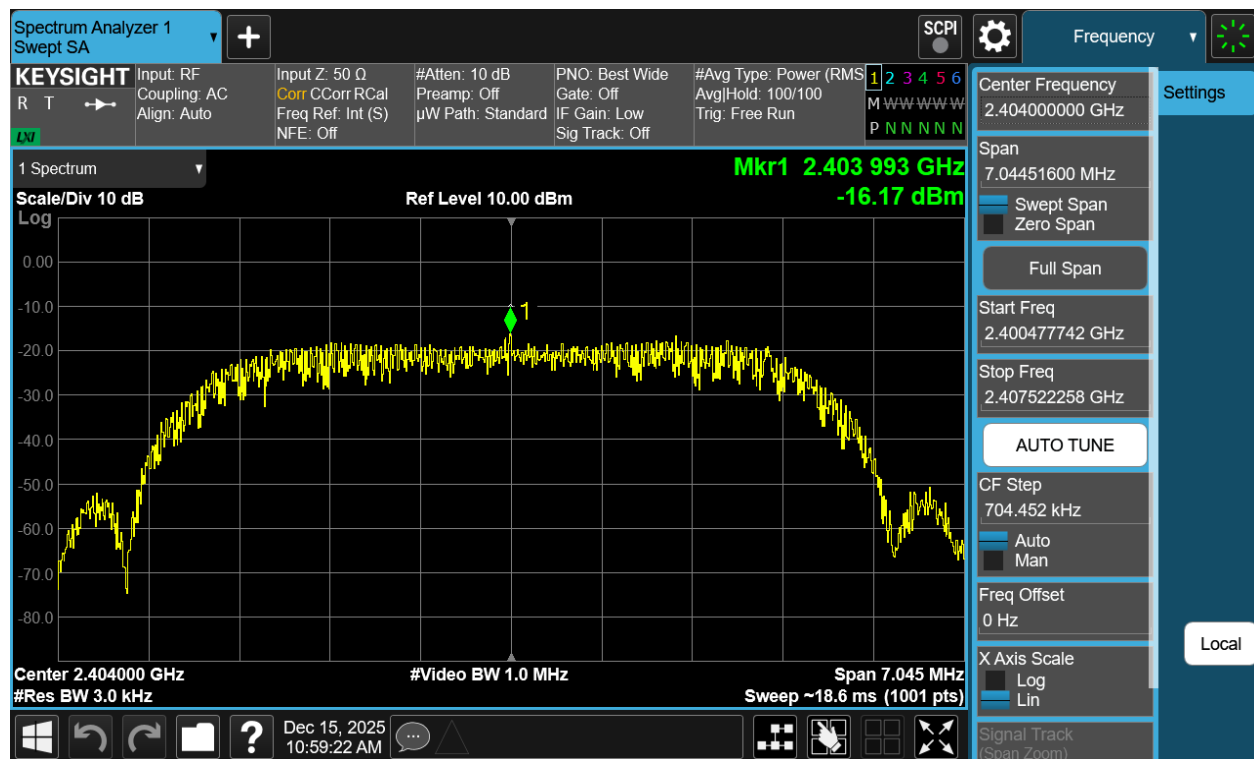


Plot 7-98. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 38)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 82 of 222                    |



Plot 7-99. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPM16), 16Mbps, ePA – Ch. 73)

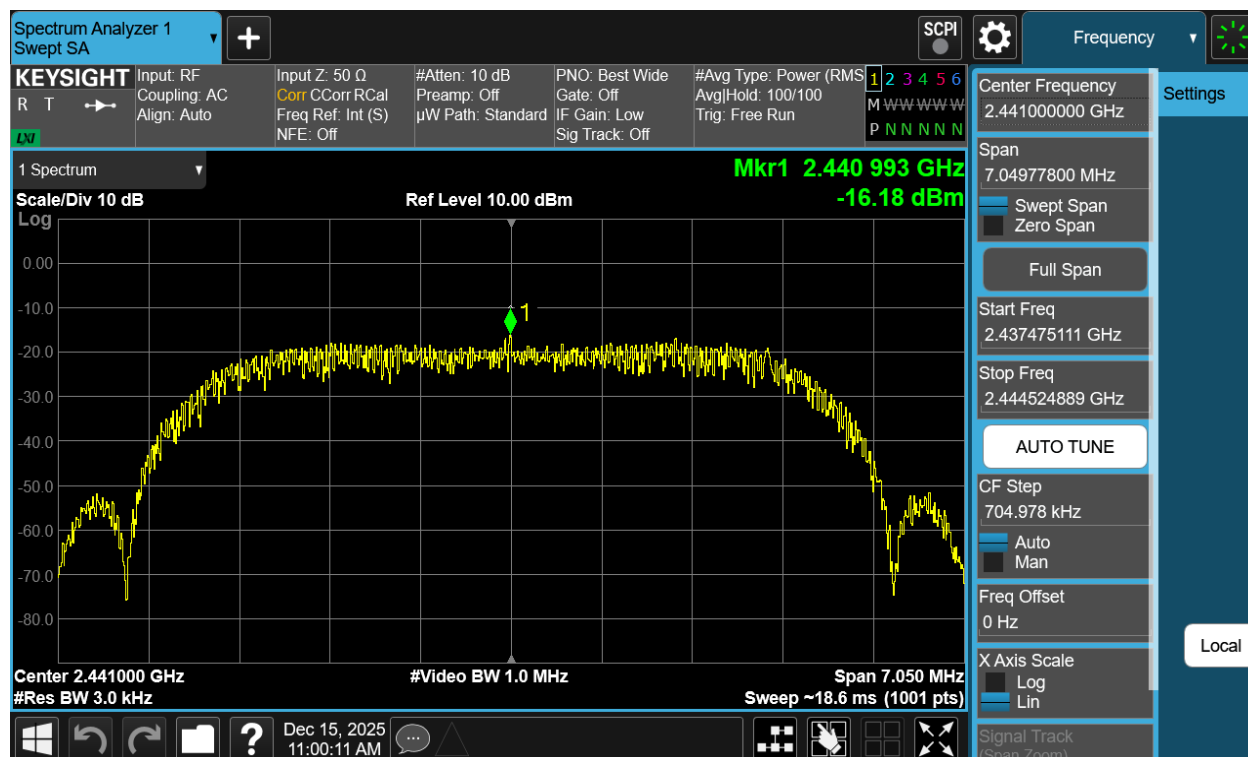


Plot 7-100. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 1)

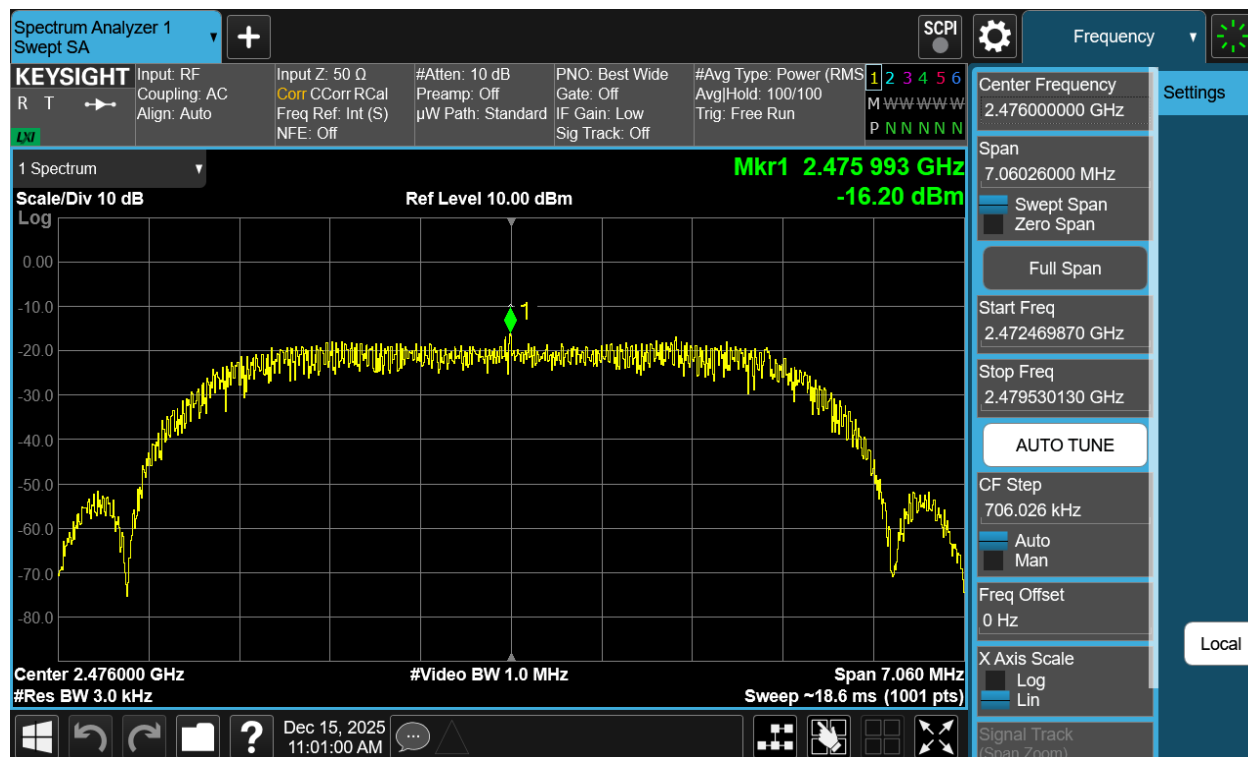
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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Plot 7-101. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 38)

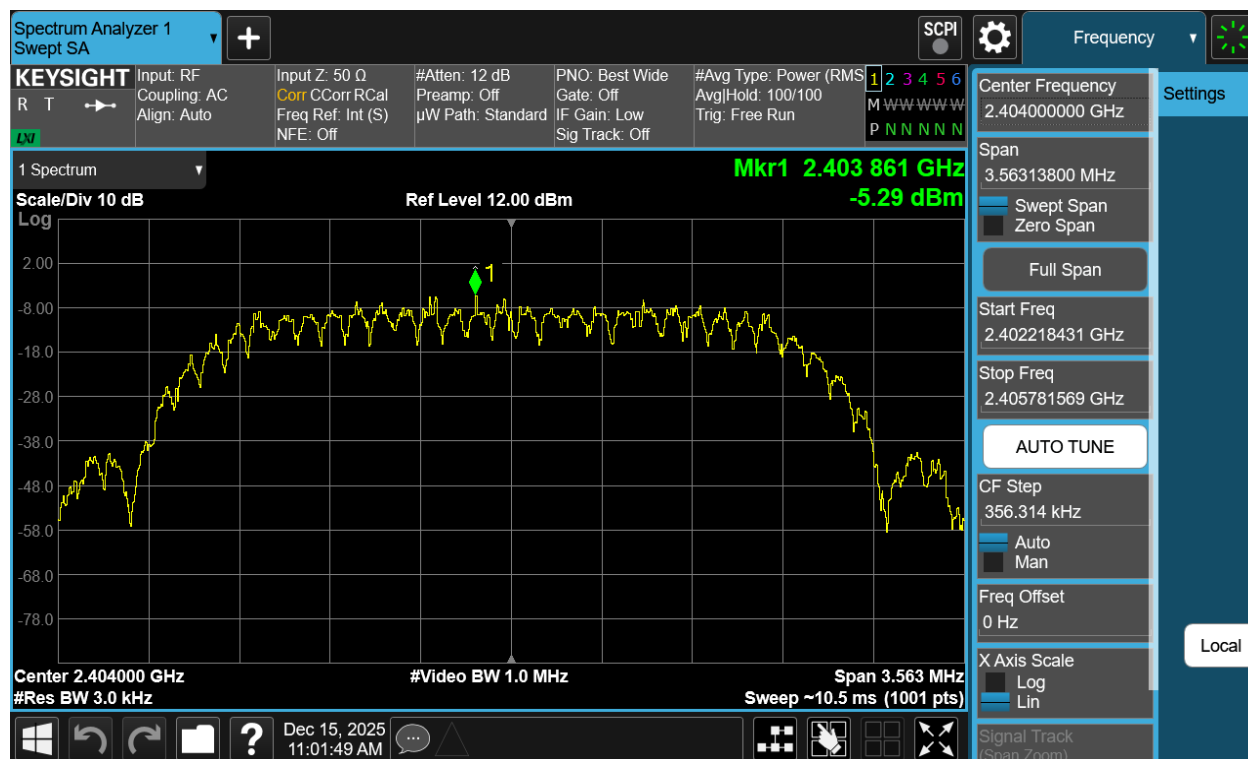


Plot 7-102. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDRPM16), 16Mbps, iPA – Ch. 73)

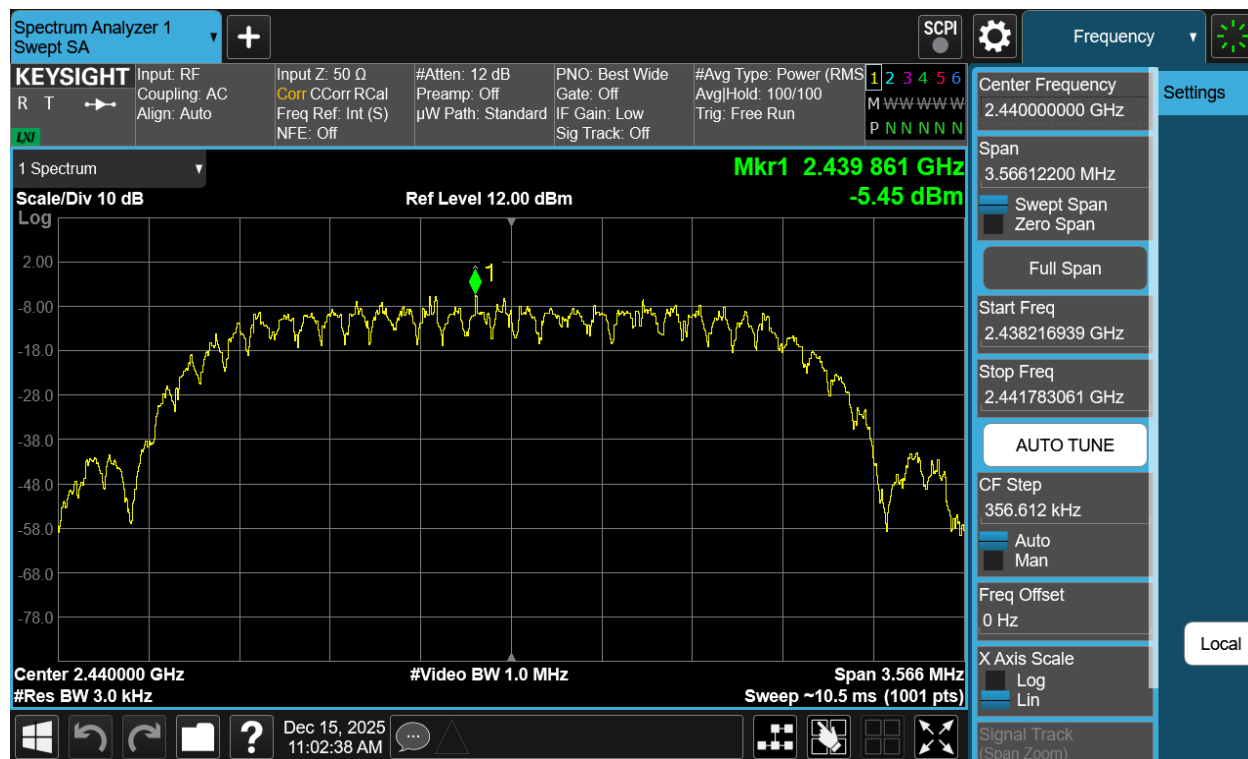
|                                            |                                                                                     |                                       |                                   |
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Plot 7-103. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDT2), 2Mbps, ePA – Ch. 1)

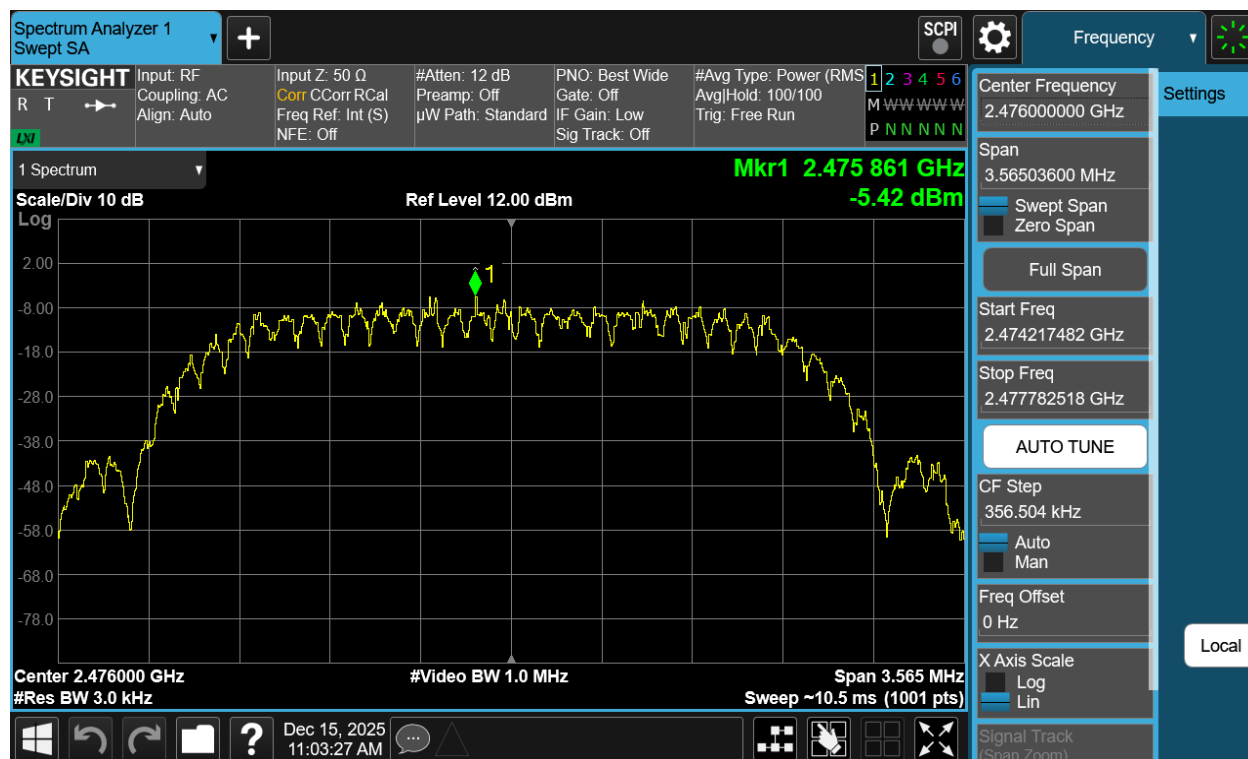


Plot 7-104. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDT2), 2Mbps, ePA – Ch. 37)

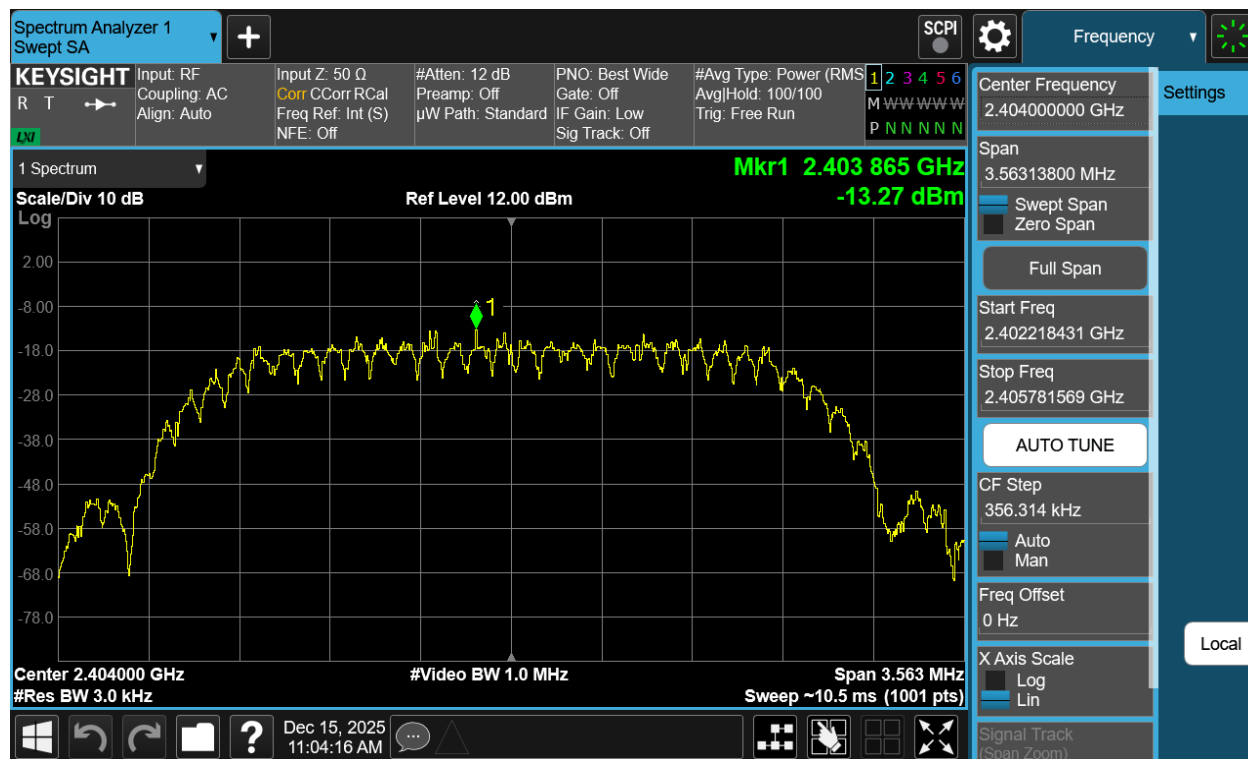
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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Plot 7-105. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDT2), 2Mbps, ePA – Ch. 73)

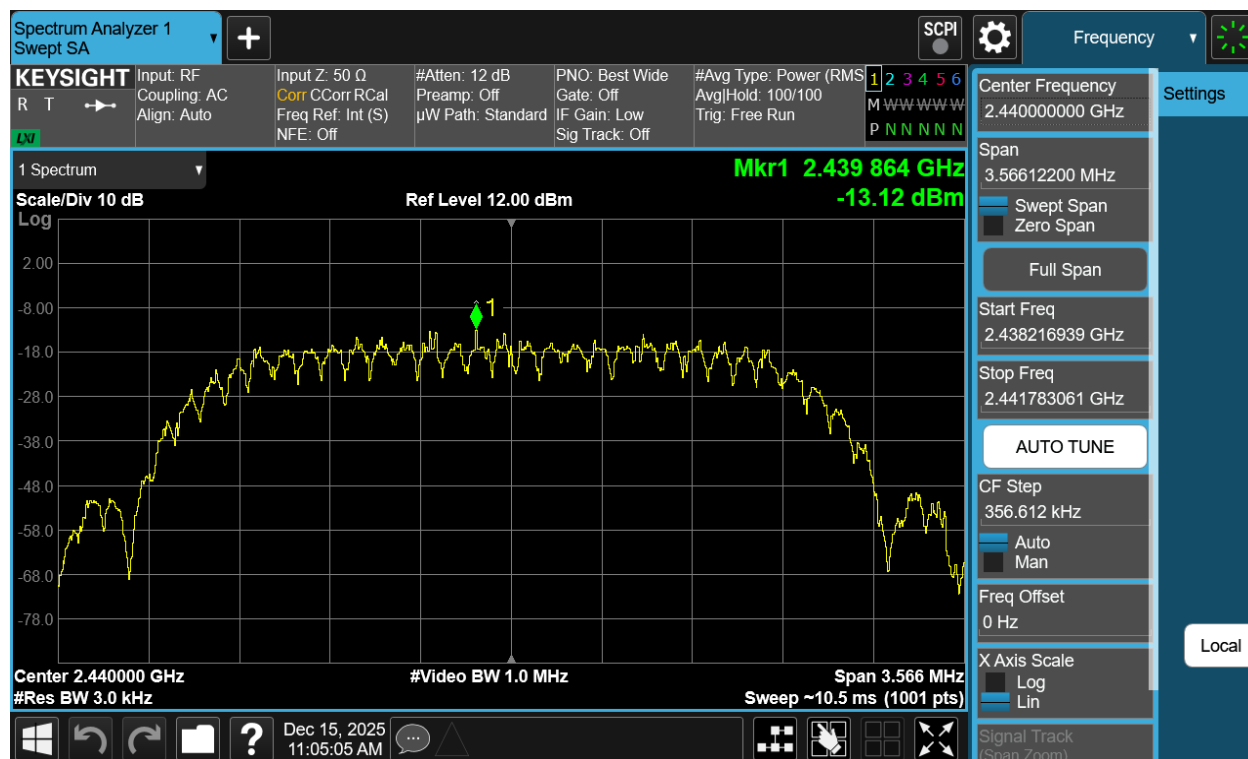


Plot 7-106. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDT2), 2Mbps, iPA – Ch. 1)

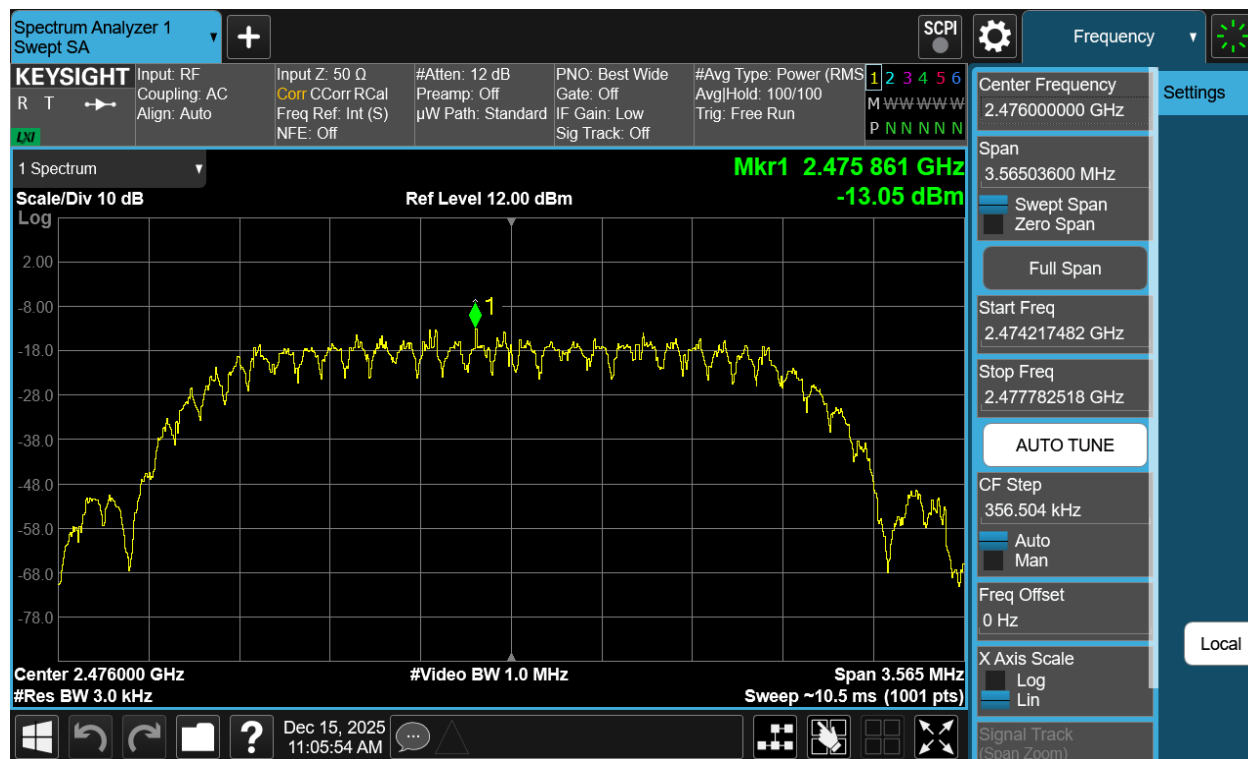
|                                            |                                                                                     |                                       |                                   |
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Plot 7-107. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDT2), 2Mbps, iPA – Ch. 37)



Plot 7-108. Power Spectral Density Plot Antenna WF7b (Bluetooth (HDT2), 2Mbps, iPA – Ch. 73)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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## 7.5.2 Antenna WF2b

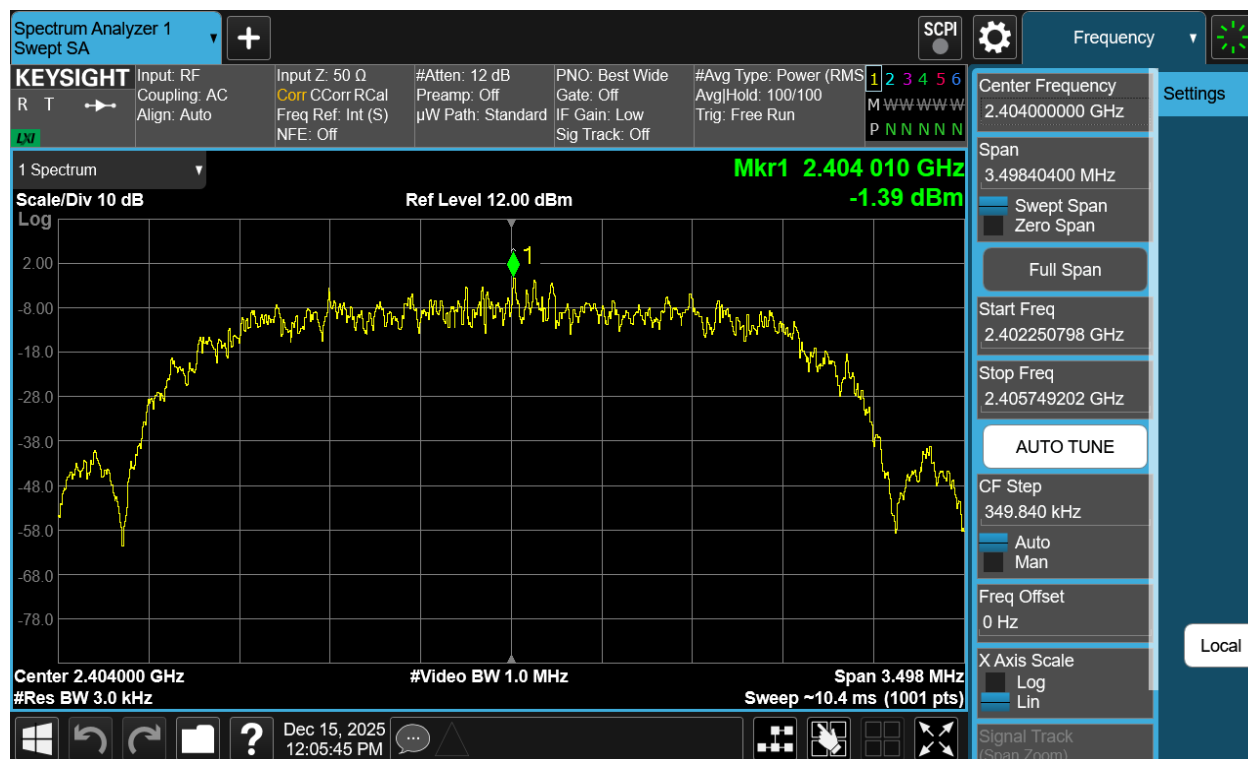
| Frequency [MHz] | Mode    | Power Scheme | Channel No. | Measured Power Density [dBm/3kHz] | Max Power Density [dBm/3kHz] | Margin [dB] |
|-----------------|---------|--------------|-------------|-----------------------------------|------------------------------|-------------|
| 2404            | HDR4    | ePA          | 1           | -1.39                             | 8.0                          | -9.39       |
| 2441            | HDR4    | ePA          | 38          | -1.42                             | 8.0                          | -9.42       |
| 2476            | HDR4    | ePA          | 73          | 1.48                              | 8.0                          | -6.52       |
| 2404            | HDR4    | iPA          | 1           | -7.74                             | 8.0                          | -15.74      |
| 2441            | HDR4    | iPA          | 38          | -7.75                             | 8.0                          | -15.75      |
| 2476            | HDR4    | iPA          | 73          | -7.67                             | 8.0                          | -15.67      |
| 2404            | HDR8    | ePA          | 1           | -3.06                             | 8.0                          | -11.06      |
| 2441            | HDR8    | ePA          | 38          | -3.28                             | 8.0                          | -11.28      |
| 2476            | HDR8    | ePA          | 73          | -3.02                             | 8.0                          | -11.02      |
| 2404            | HDR8    | iPA          | 1           | -9.40                             | 8.0                          | -17.40      |
| 2441            | HDR8    | iPA          | 38          | -9.64                             | 8.0                          | -17.64      |
| 2476            | HDR8    | iPA          | 73          | -9.40                             | 8.0                          | -17.40      |
| 2404            | HDRPS2  | ePA          | 1           | -3.68                             | 8.0                          | -11.68      |
| 2441            | HDRPS2  | ePA          | 38          | -3.13                             | 8.0                          | -11.13      |
| 2476            | HDRPS2  | ePA          | 73          | -3.68                             | 8.0                          | -11.68      |
| 2404            | HDRPS2  | iPA          | 1           | -9.74                             | 8.0                          | -17.74      |
| 2441            | HDRPS2  | iPA          | 38          | -9.75                             | 8.0                          | -17.75      |
| 2476            | HDRPS2  | iPA          | 73          | -9.70                             | 8.0                          | -17.70      |
| 2404            | XHDRPM6 | ePA          | 1           | -7.47                             | 8.0                          | -15.47      |
| 2441            | XHDRPM6 | ePA          | 38          | -7.46                             | 8.0                          | -15.46      |
| 2476            | XHDRPM6 | ePA          | 73          | -7.66                             | 8.0                          | -15.66      |
| 2404            | XHDRPM6 | iPA          | 1           | -13.90                            | 8.0                          | -21.90      |
| 2441            | XHDRPM6 | iPA          | 38          | -13.88                            | 8.0                          | -21.88      |
| 2476            | XHDRPM6 | iPA          | 73          | -13.86                            | 8.0                          | -21.86      |
| 2404            | HDRPM16 | ePA          | 1           | -7.85                             | 8.0                          | -15.85      |
| 2441            | HDRPM16 | ePA          | 38          | -7.76                             | 8.0                          | -15.76      |
| 2476            | HDRPM16 | ePA          | 73          | -7.77                             | 8.0                          | -15.77      |
| 2404            | HDRPM16 | iPA          | 1           | -15.19                            | 8.0                          | -23.19      |
| 2441            | HDRPM16 | iPA          | 38          | -15.23                            | 8.0                          | -23.23      |
| 2476            | HDRPM16 | iPA          | 73          | -15.21                            | 8.0                          | -23.21      |
| 2404            | HDT2    | ePA          | 1           | -5.85                             | 8.0                          | -13.85      |
| 2440            | HDT2    | ePA          | 37          | -5.82                             | 8.0                          | -13.82      |
| 2476            | HDT2    | ePA          | 73          | -5.85                             | 8.0                          | -13.85      |
| 2404            | HDT2    | iPA          | 1           | -12.11                            | 8.0                          | -20.11      |
| 2440            | HDT2    | iPA          | 37          | -12.06                            | 8.0                          | -20.06      |
| 2476            | HDT2    | iPA          | 73          | -12.05                            | 8.0                          | -20.05      |

**Table 7-13. Conducted Power Density Measurements Antenna WF2b**

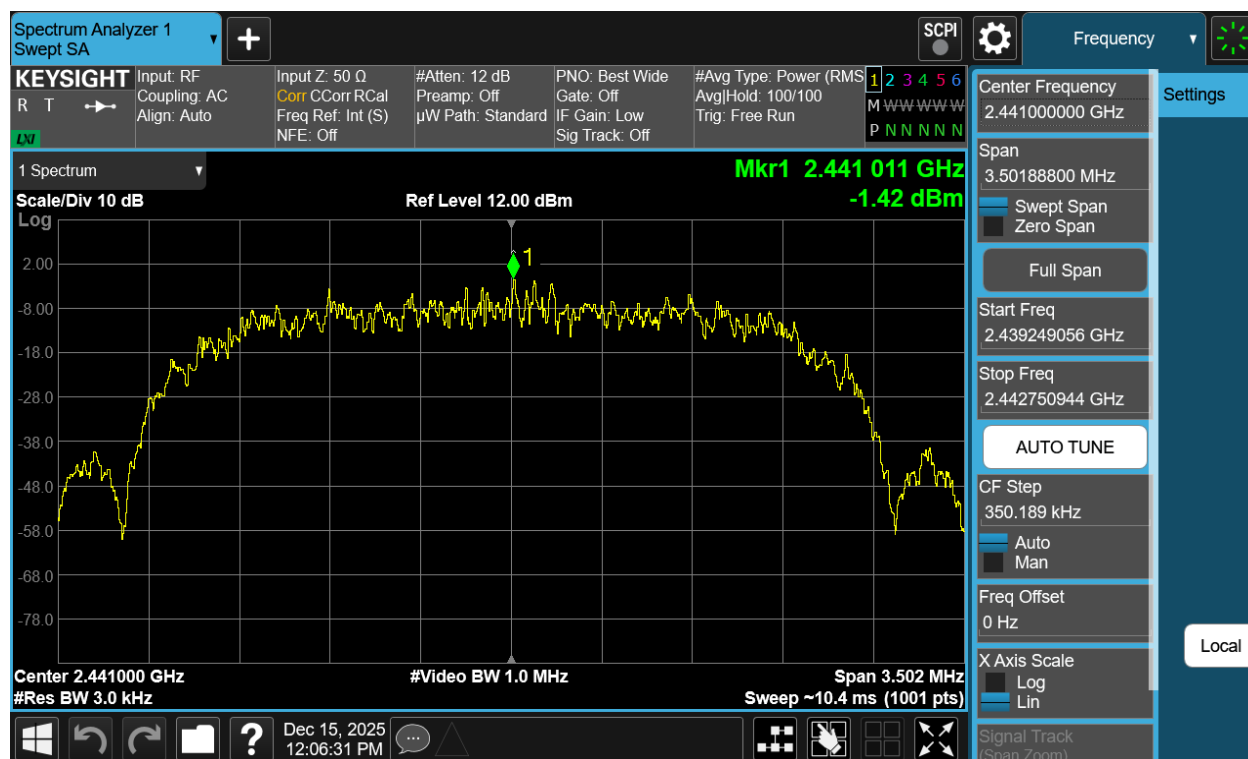
|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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Plot 7-109. Power Spectral Density Plot Antenna WF2b (Bluetooth (HDR4), 4Mbps, ePA – Ch. 1)



Plot 7-110. Power Spectral Density Plot Antenna WF2b (Bluetooth (HDR4), 4Mbps, ePA – Ch. 38)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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|                                            |                                                                                     |                                       |                                   |
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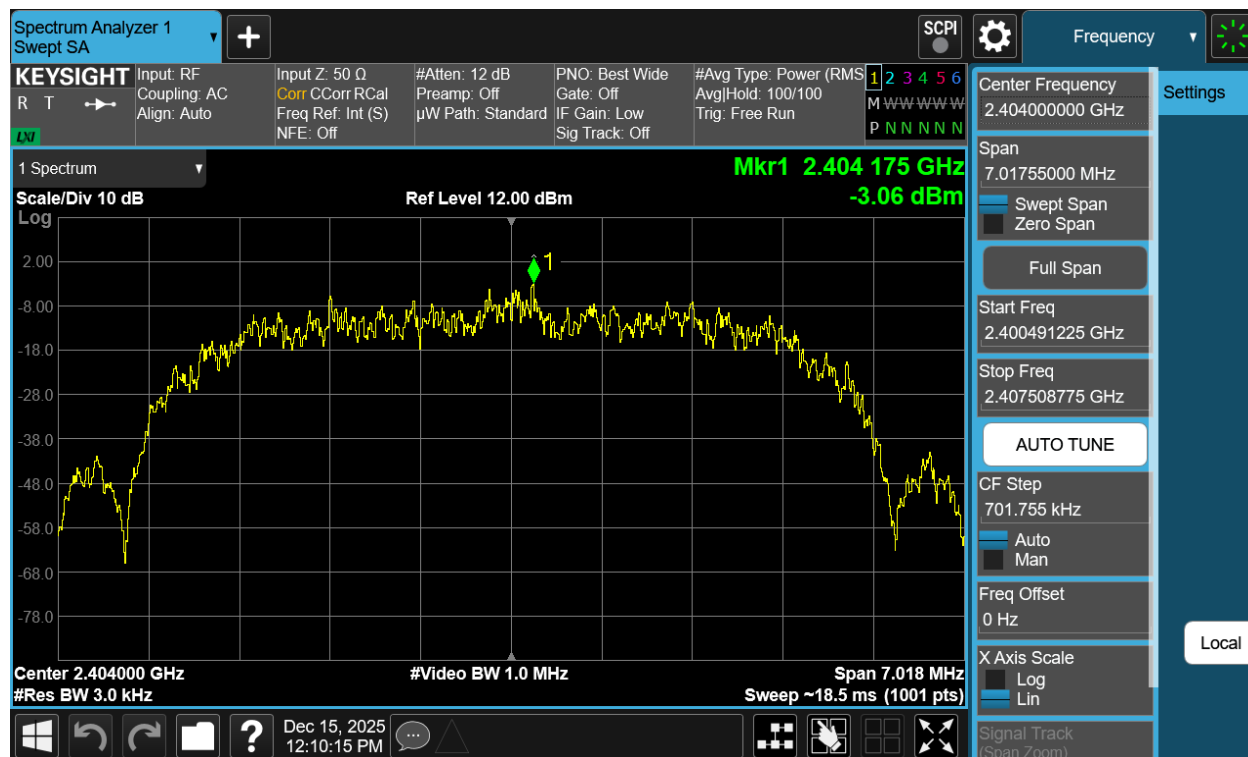


Plot 7-113. Power Spectral Density Plot Antenna WF2b (Bluetooth (HDR4), 4Mbps, iPA – Ch. 38)

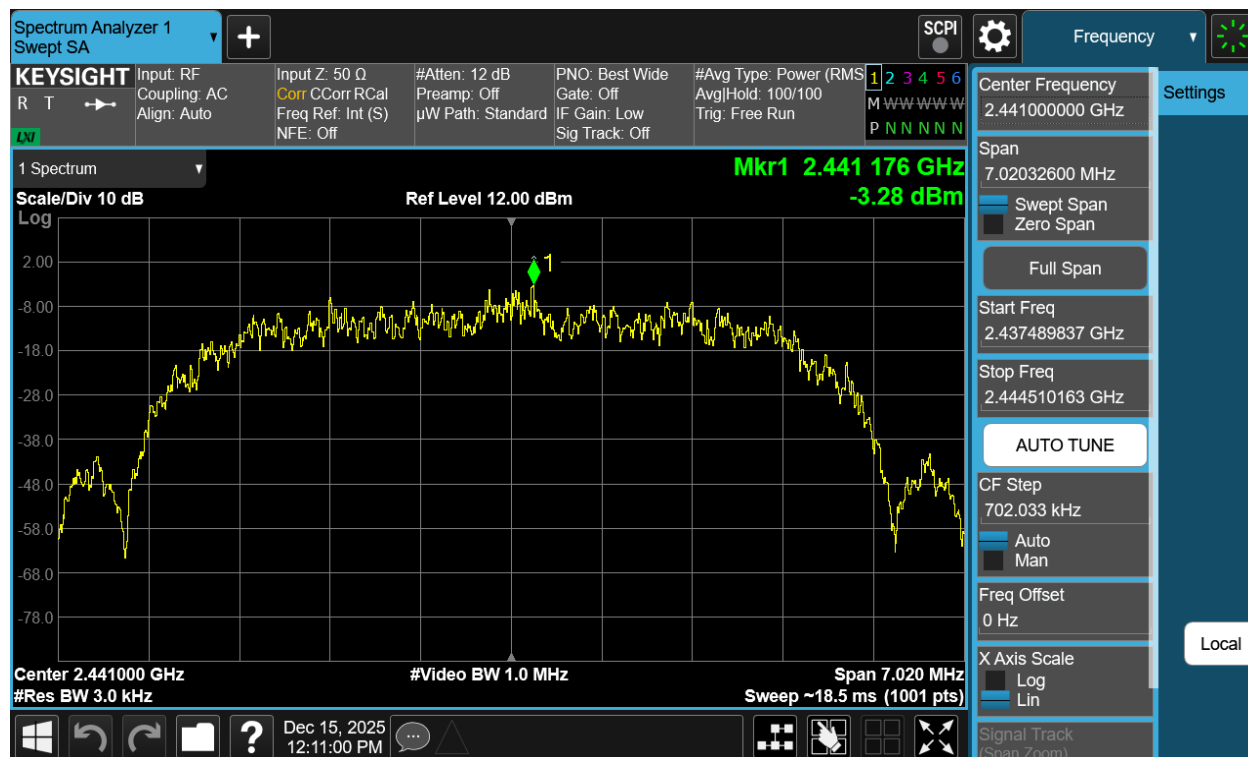


Plot 7-114. Power Spectral Density Plot Antenna WF2b (Bluetooth (HDR4), 4Mbps, iPA – Ch. 73)

|                                            |                                                                                     |                                       |                                   |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------|
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Plot 7-115. Power Spectral Density Plot Antenna WF2b (Bluetooth (HDR8), 8Mbps, ePA – Ch. 1)



Plot 7-116. Power Spectral Density Plot Antenna WF2b (Bluetooth (HDR8), 8Mbps, ePA – Ch. 38)

|                                            |                                                                                     |                                       |                                   |
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|                                            |                                                                                     |                                       |                                   |
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| Test Report S/N:<br>1C2509100081-07-R3.BCG | Test Dates:<br>09/15/2025 - 11/12/2025                                              | EUT Type:<br>Tablet Device            | Page 93 of 222                    |