

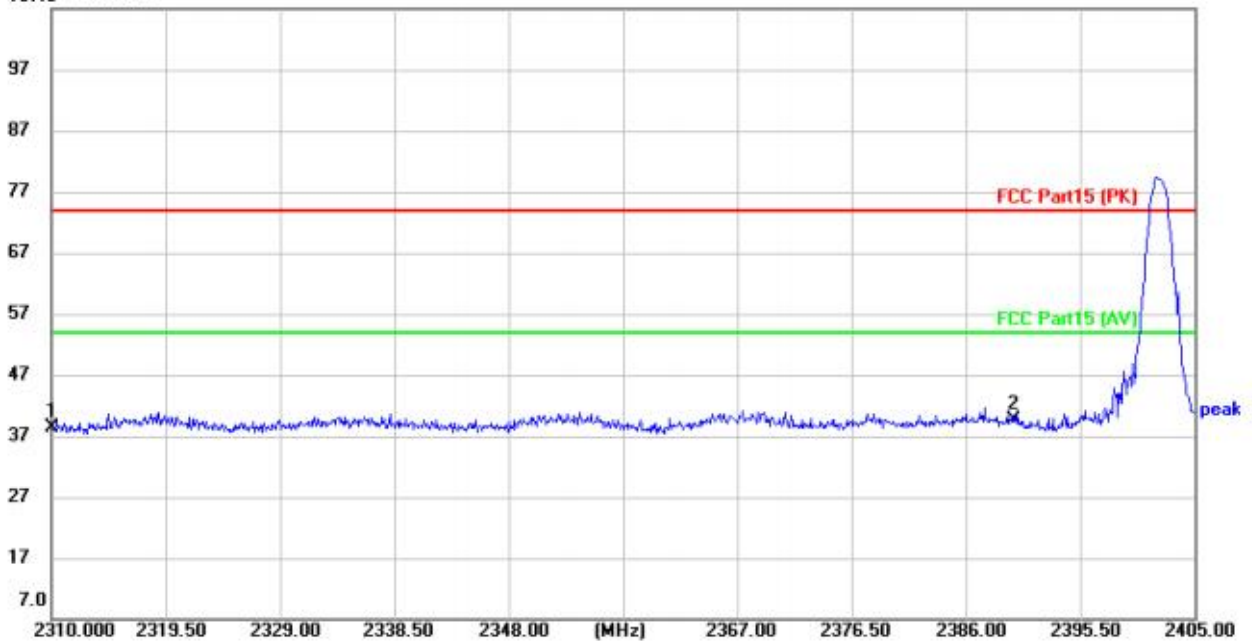
[Test mode:TX low channel]; [Polarity: Vertical]

### Radiated Emission Measurement

Project No.: RE  
107.0 dBuV/m

Data :#8

2024/8/14



Site

Polarization: **Vertical**

Temperature: (C)

Limit: FCC Part15 (PK)

Power:

Humidity: %RH

EUT: Bluetooth Headset

M/N: W08

Mode: BT TX 2402

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   |     | 2310.000 | 41.02         | -2.67          | 38.35        | 74.00  | -35.65 | peak     |         |
| 2   | *   | 2390.000 | 41.78         | -2.24          | 39.54        | 74.00  | -34.46 | peak     |         |

**Test Result: Pass**

[Test mode: TX High channel]; [Polarity: Horizontal]

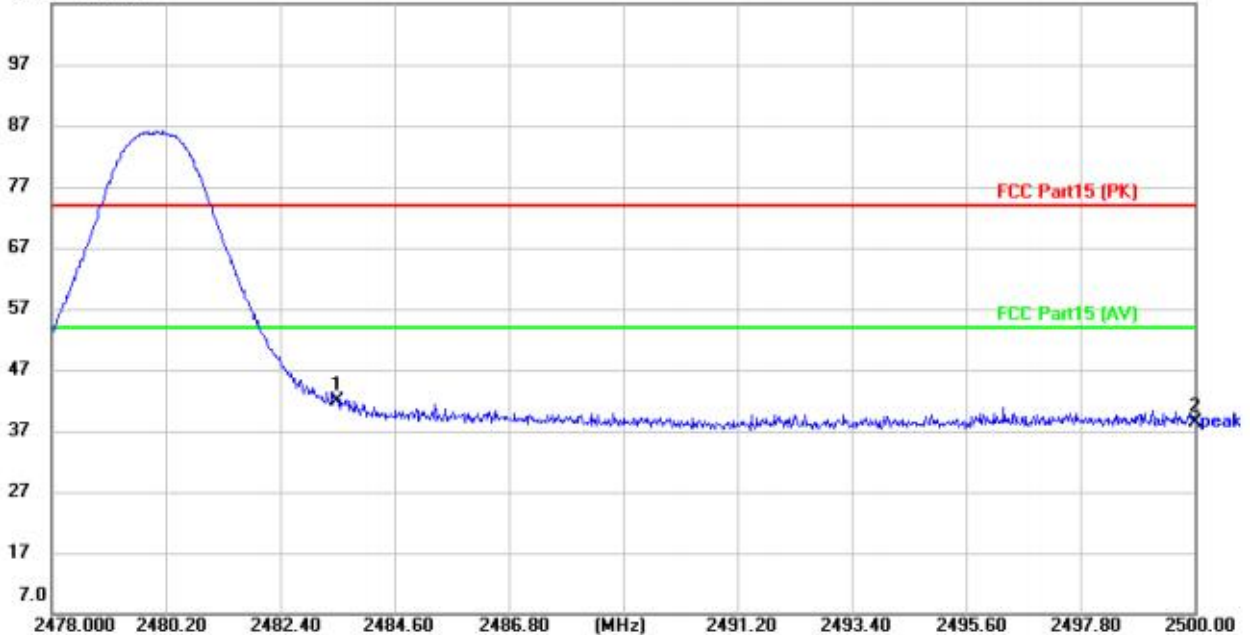
### Radiated Emission Measurement

Project No.: RE

Data :#9

2024/8/14

107.0 dBuV/m



Site

Polarization: **Horizontal**

Temperature: (C)

Limit: FCC Part15 (PK)

Power:

Humidity: %RH

EUT: Bluetooth Headset

M/N: W08

Mode: BT TX 2480

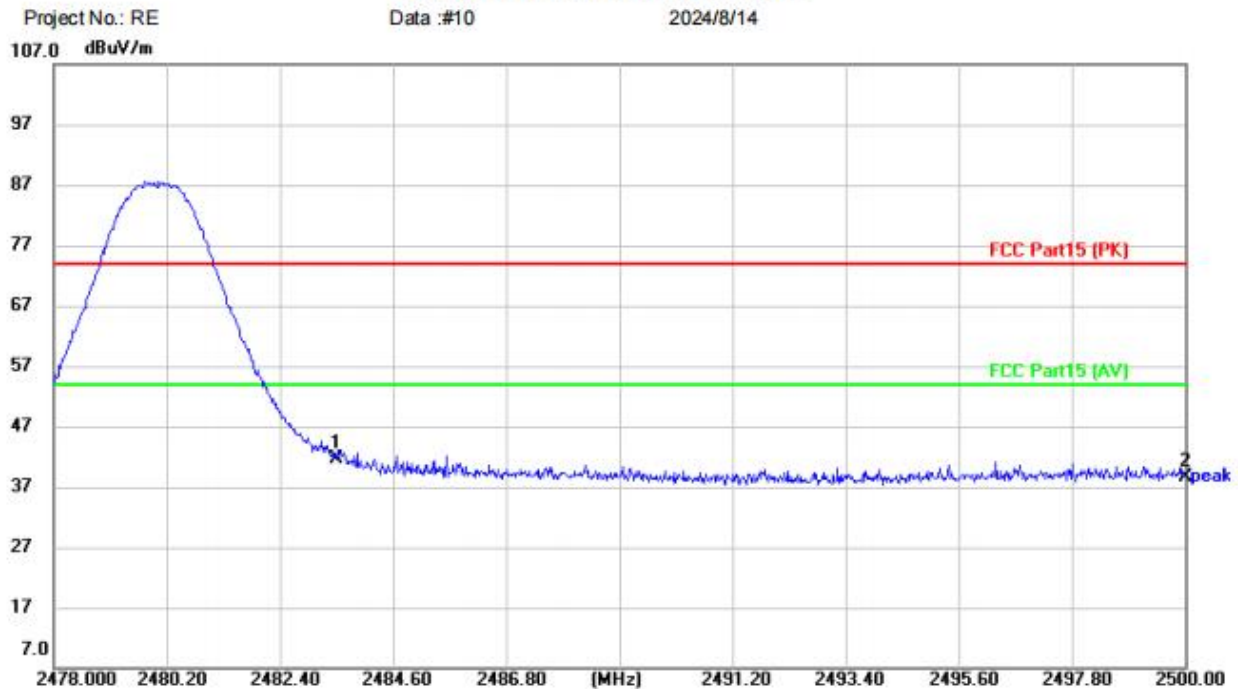
Note:

| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|---------|
| 1   | *   | 2483.500     | 44.48                    | -2.71                   | 41.77                      | 74.00           | -32.23     | peak     |         |
| 2   |     | 2500.000     | 41.12                    | -2.80                   | 38.32                      | 74.00           | -35.68     | peak     |         |

**Test Result: Pass**

[Test mode:TX High channel]; [Polarity: Vertical]

### Radiated Emission Measurement



Site Polarization: **Vertical** Temperature: (C)

Limit: FCC Part15 (PK) Power: Humidity: %RH

EUT: Bluetooth Headset

M/N: W08

Mode: BT TX 2480

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   |          |         |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | Detector | Comment |
| 1   | *   | 2483.500 | 44.45         | -2.71          | 41.74        | 74.00  | -32.26 | peak     |         |
| 2   |     | 2500.000 | 41.51         | -2.80          | 38.71        | 74.00  | -35.29 | peak     |         |

### Test Result: Pass

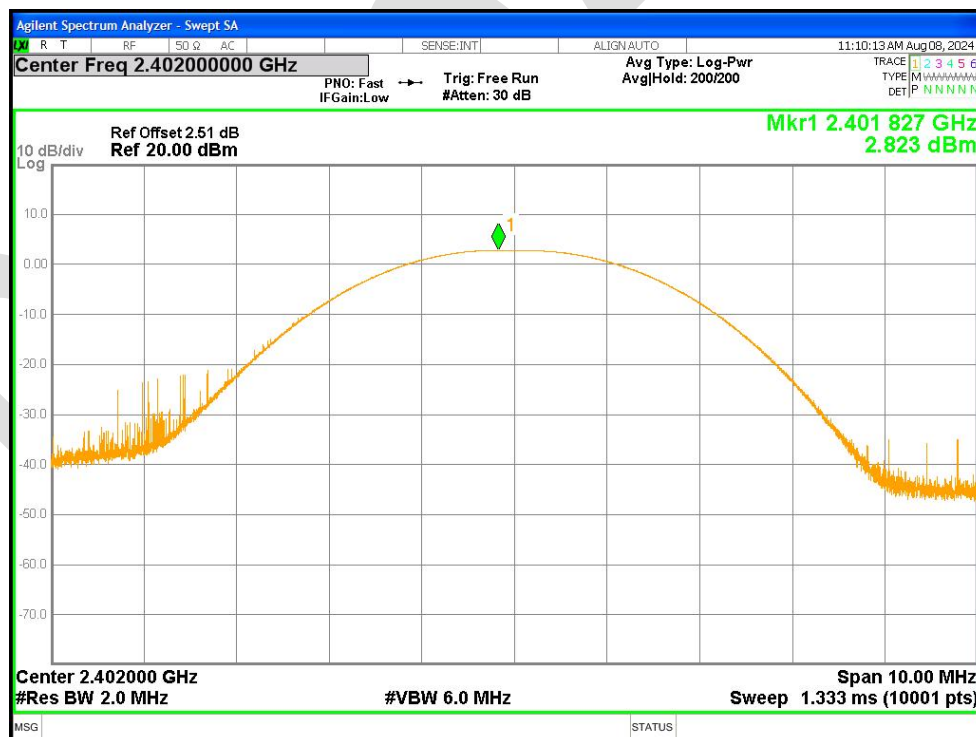
DH1,DH3, DH5 all have been tested, during the test, GFSK, pi/4DQPSK, 8DPSK,modulation were all pre-scanned Only the GFSK of the worst mode would be recorded in this report.

## 7 Appendix A

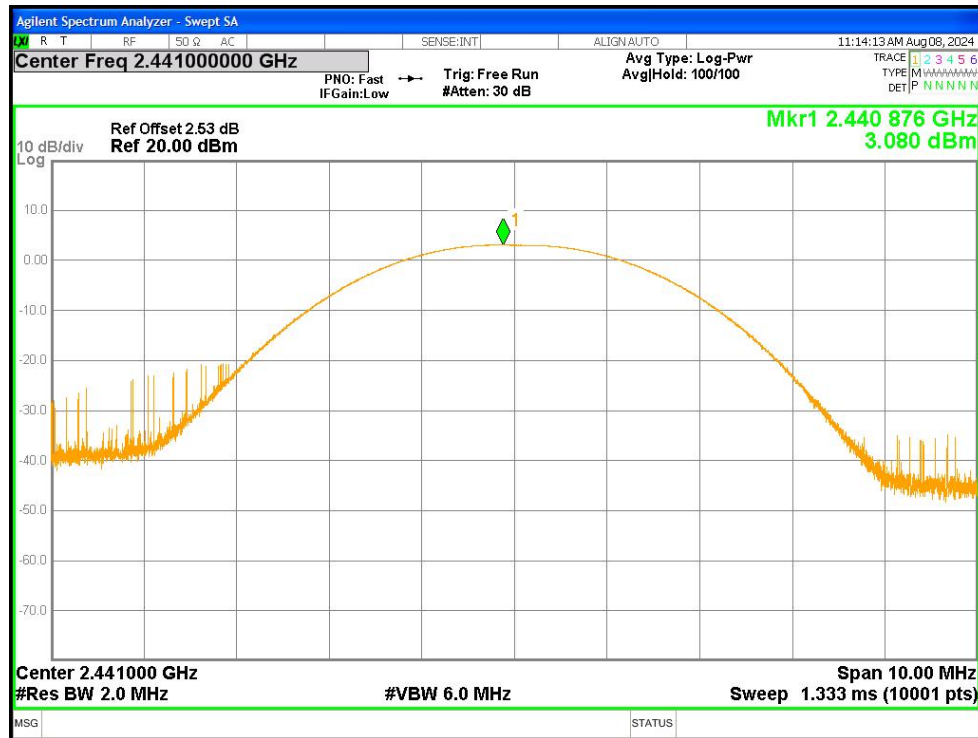
### 7.1 Maximum Conducted Output Power

| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 2.823                 | 21          | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 3.08                  | 21          | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 2.72                  | 21          | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 3.65                  | 21          | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 3.864                 | 21          | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 3.497                 | 21          | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 4.19                  | 21          | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 4.384                 | 21          | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 4.05                  | 21          | Pass    |

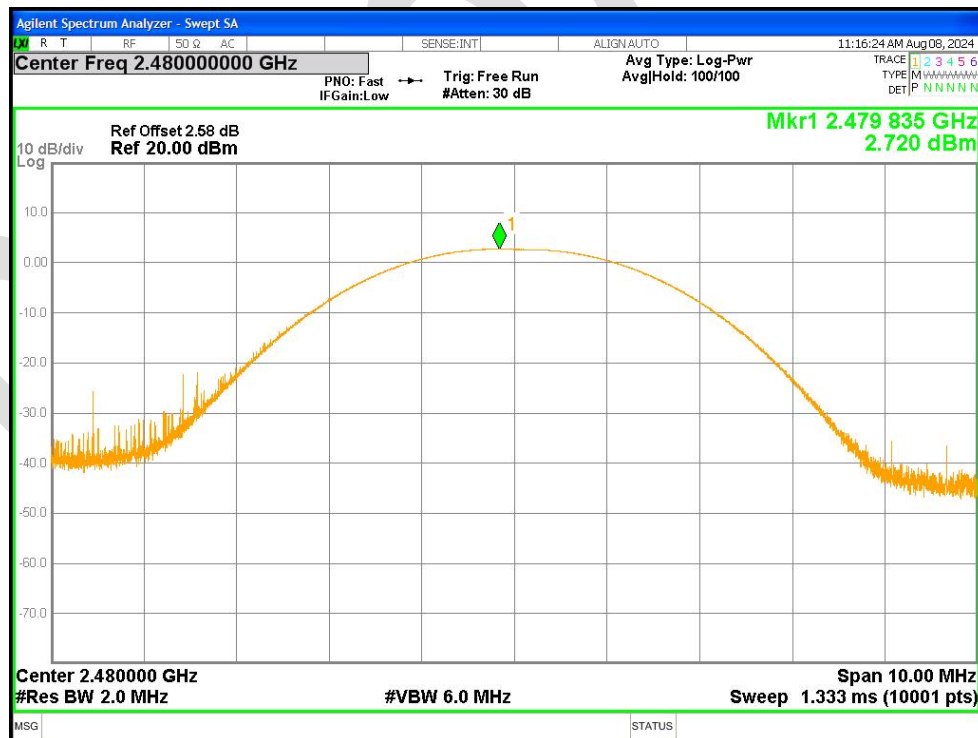
Power NVNT 1-DH1 2402MHz Ant1



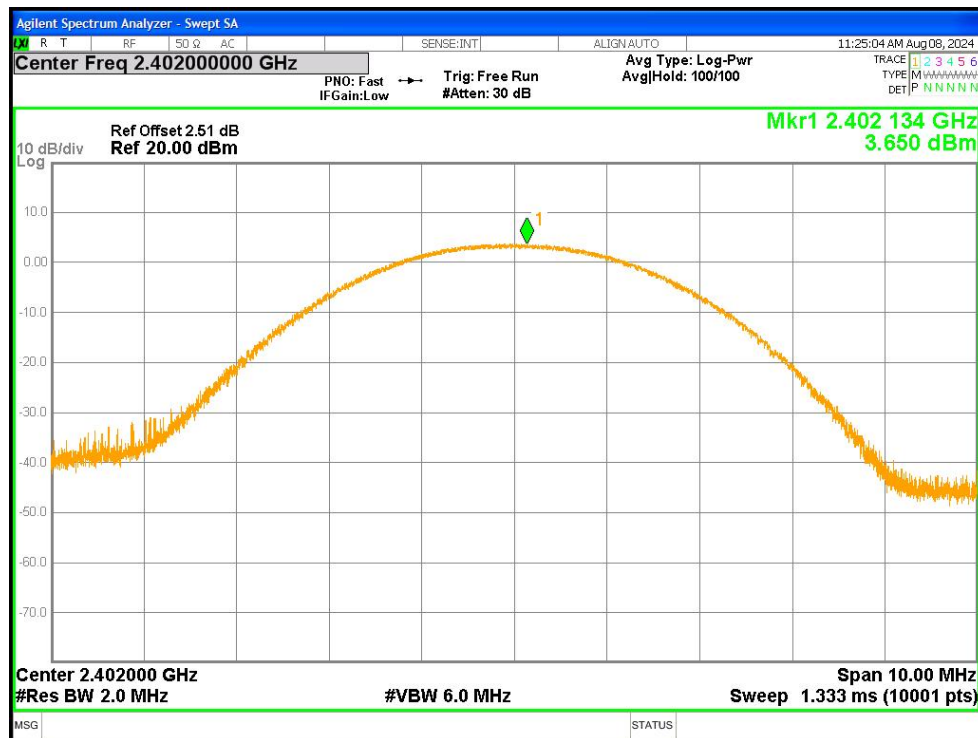
Power NVNT 1-DH1 2441MHz Ant1



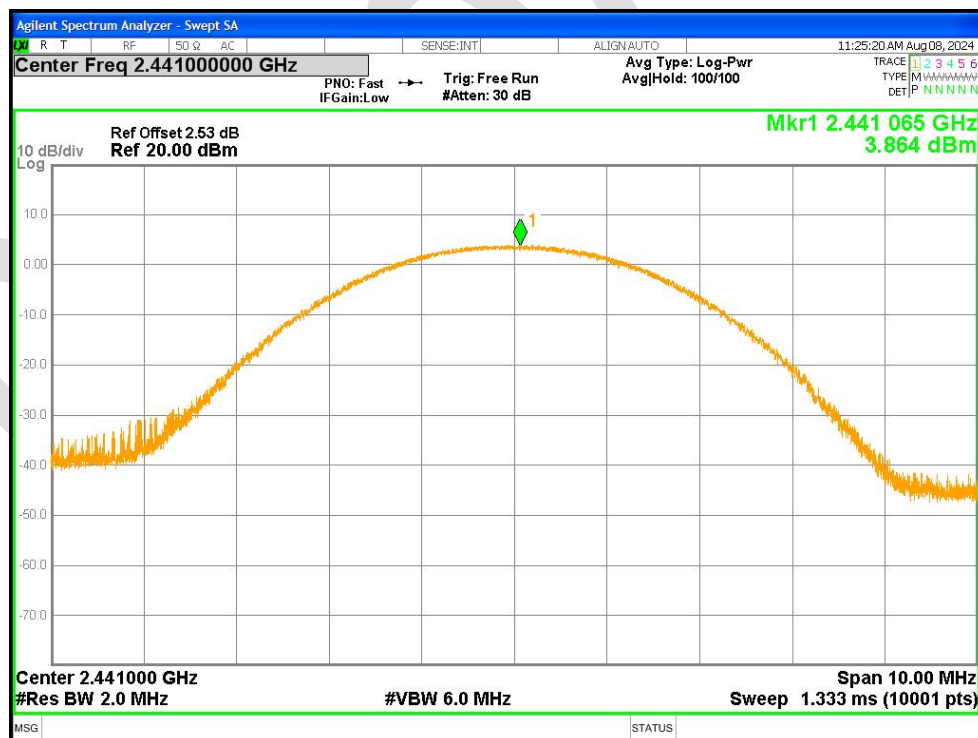
Power NVNT 1-DH1 2480MHz Ant1



Power NVNT 2-DH1 2402MHz Ant1

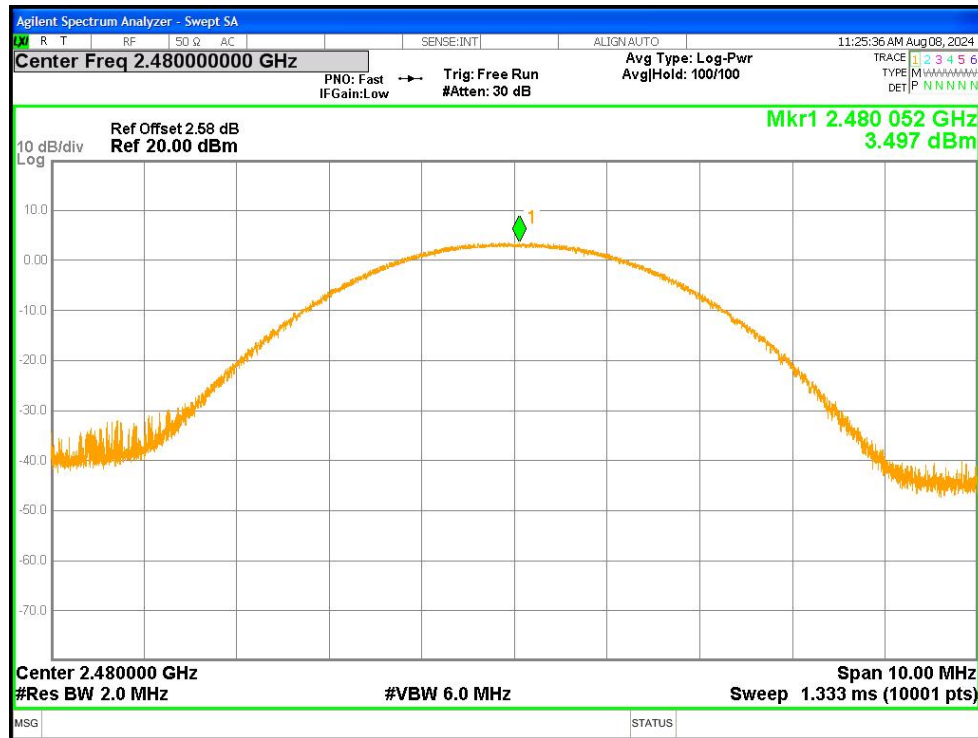


Power NVNT 2-DH1 2441MHz Ant1

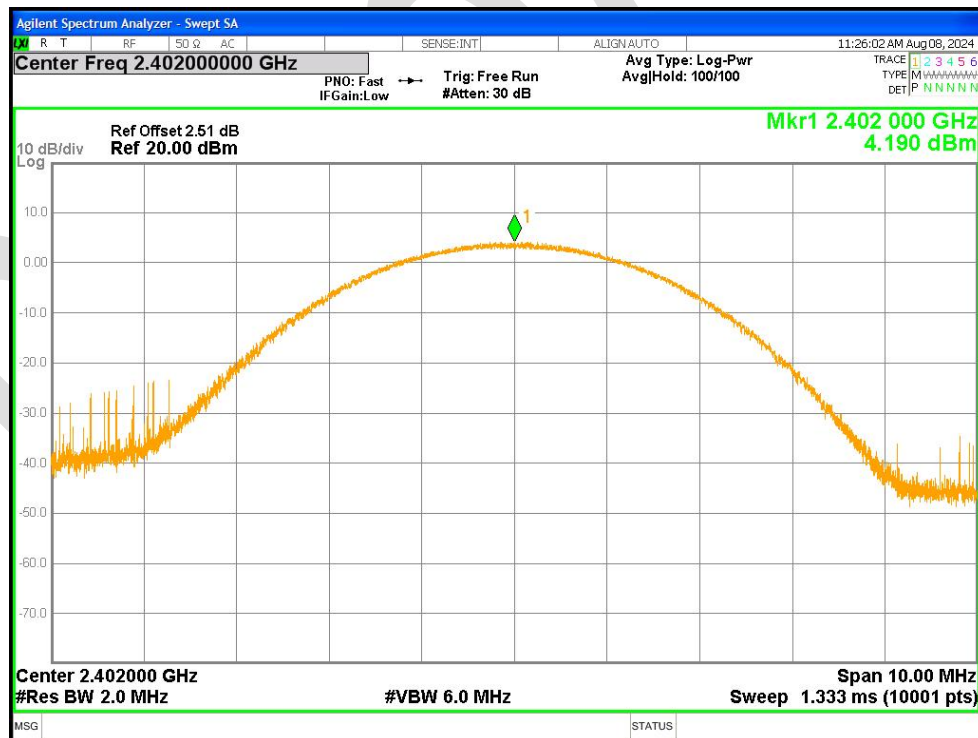


Power NVNT 2-DH1 2480MHz Ant1

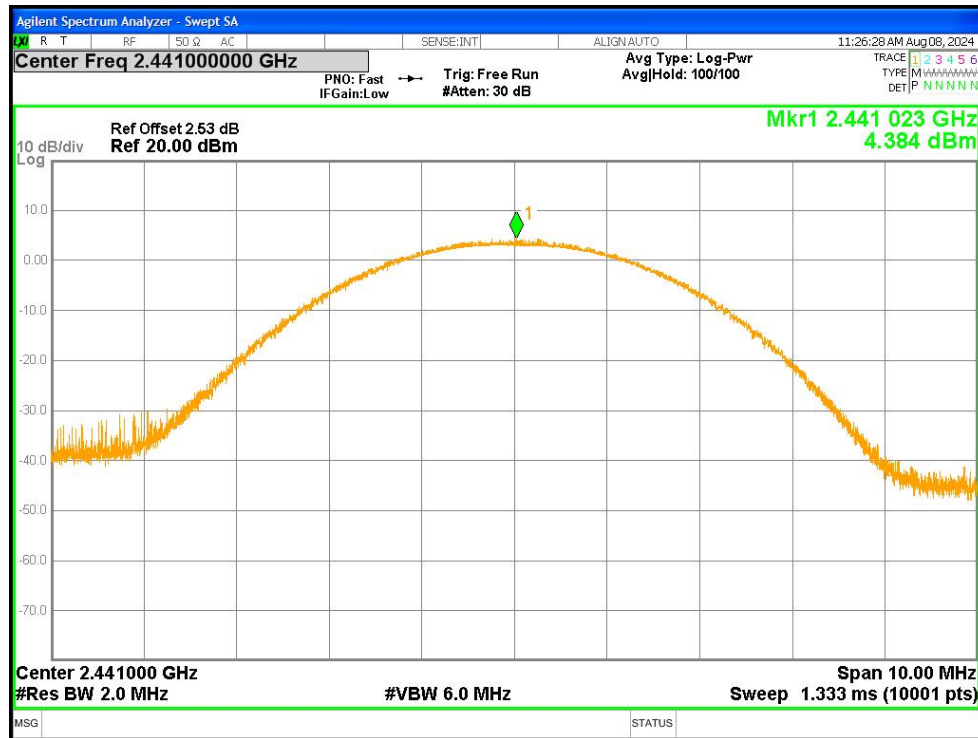




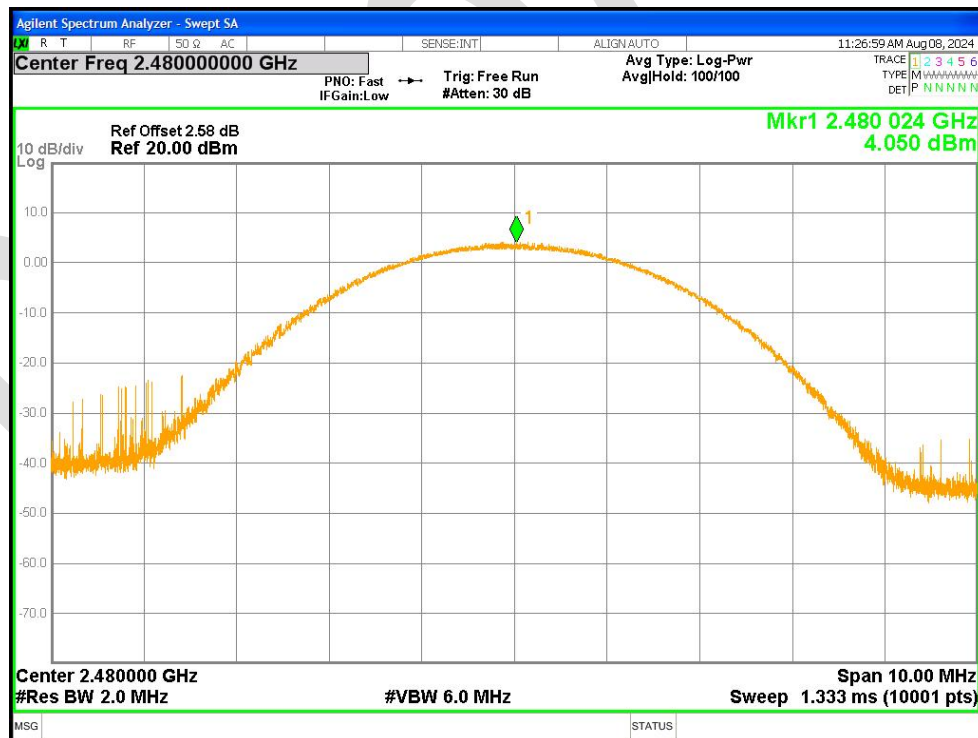
Power NVNT 3-DH1 2402MHz Ant1



Power NVNT 3-DH1 2441MHz Ant1



Power NVNT 3-DH1 2480MHz Ant1

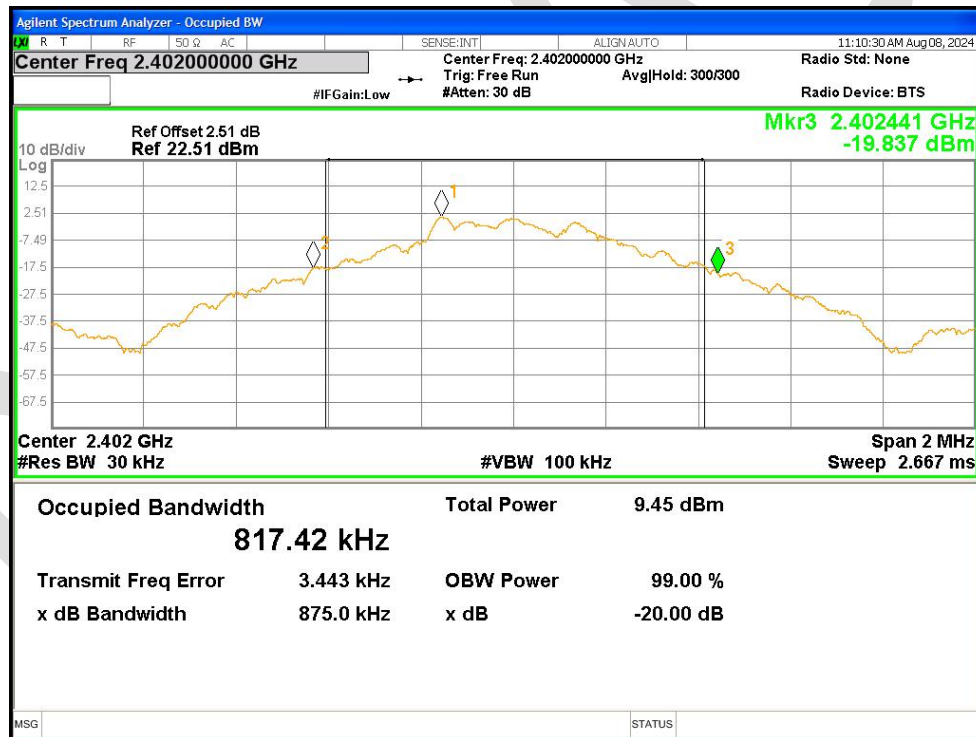




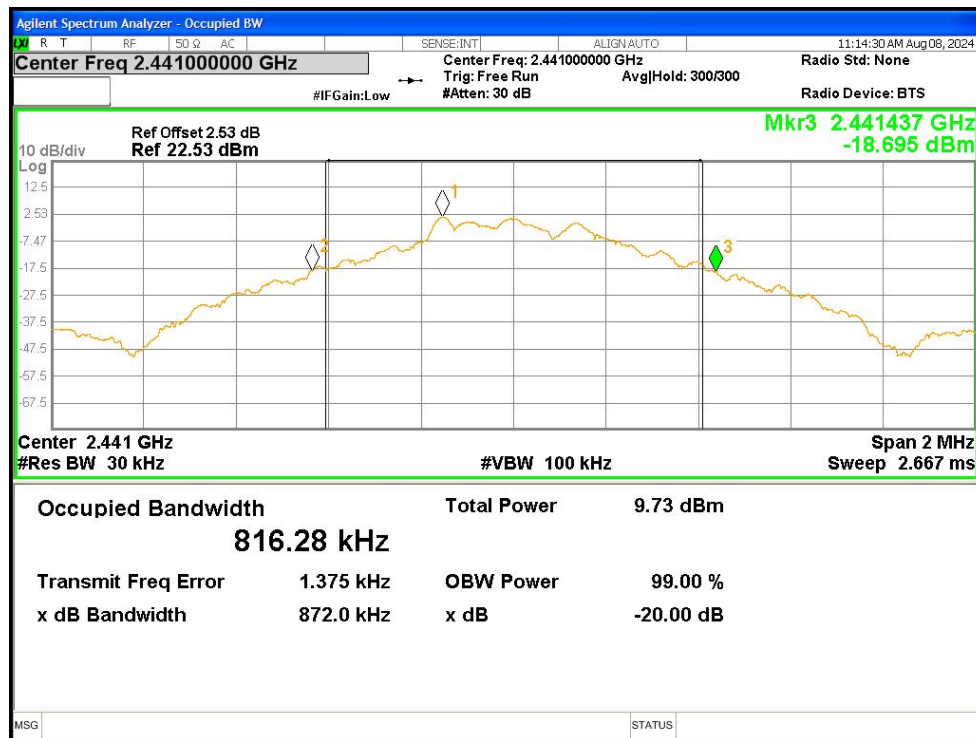
## 7.2 -20dB Bandwidth

| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.875                  | N/A                          | Pass    |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.872                  | N/A                          | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.869                  | N/A                          | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.244                  | N/A                          | Pass    |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.245                  | N/A                          | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.248                  | N/A                          | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.22                   | N/A                          | Pass    |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.233                  | N/A                          | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.217                  | N/A                          | Pass    |

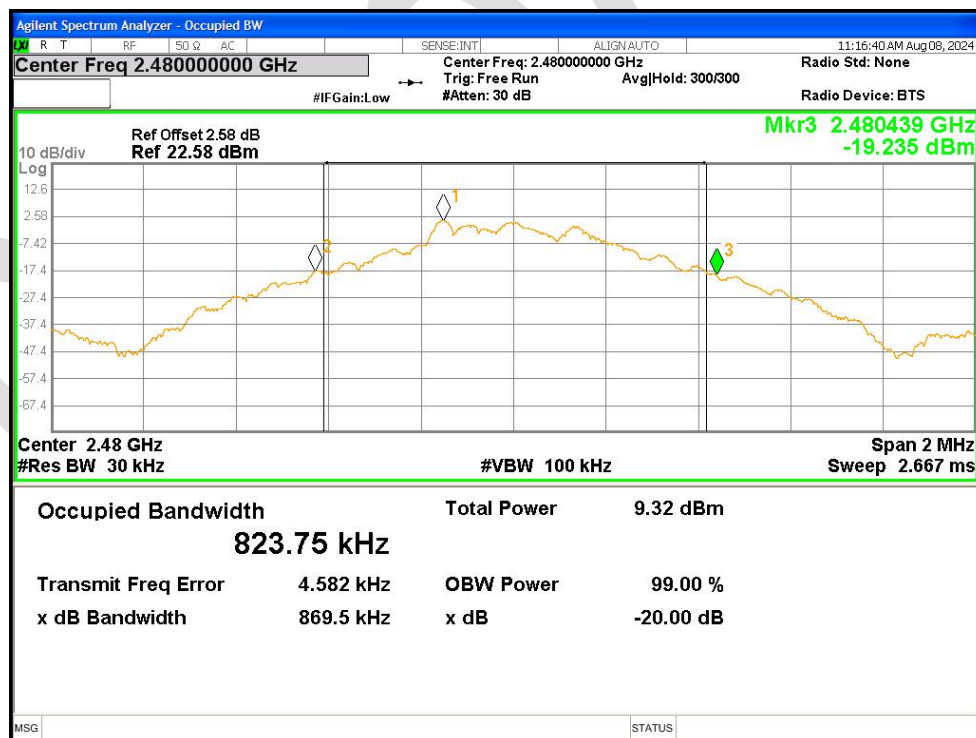
-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



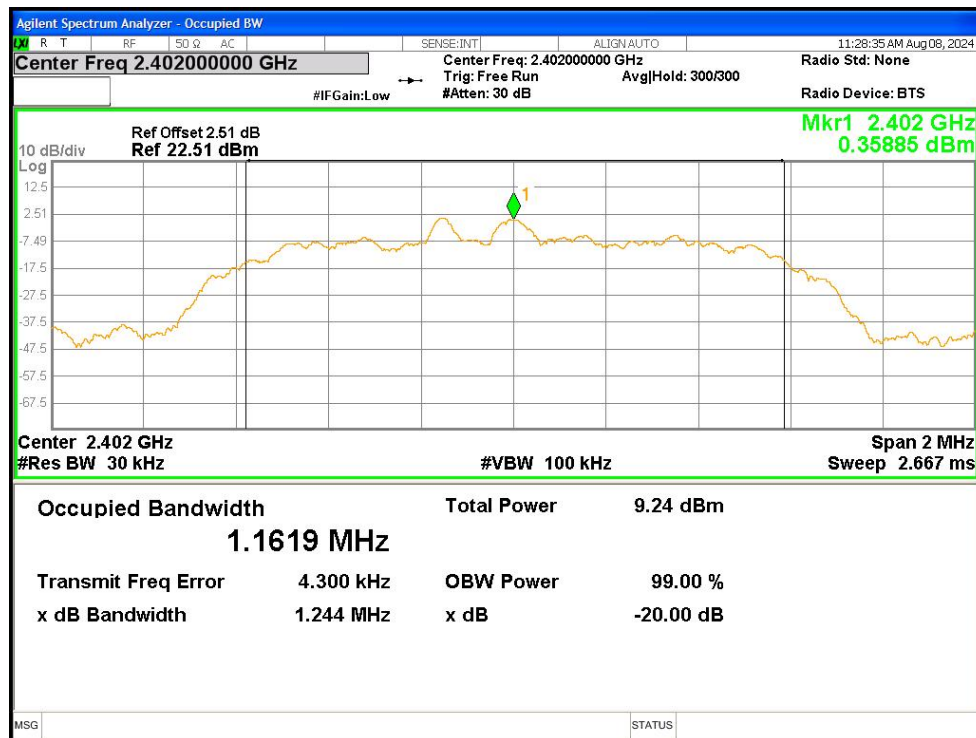
-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1



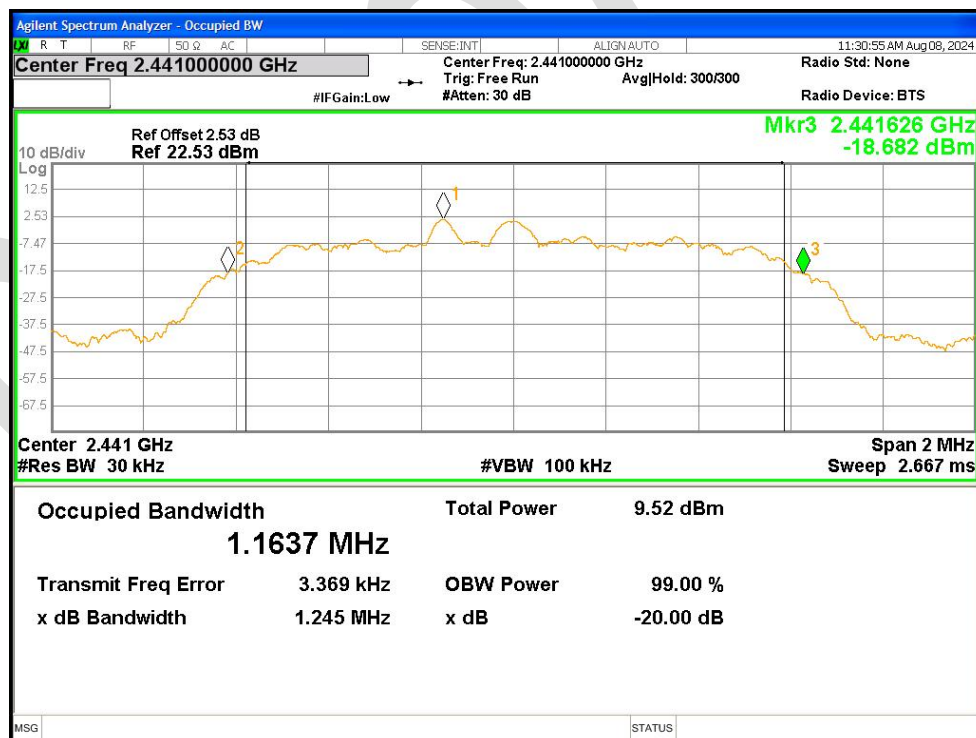
-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



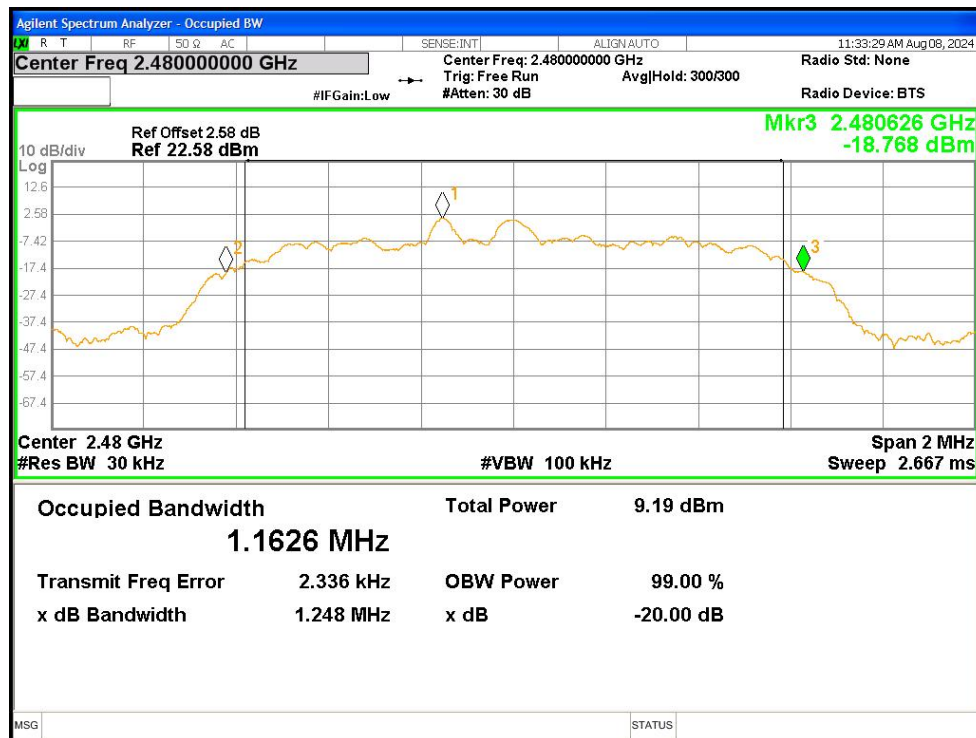
-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



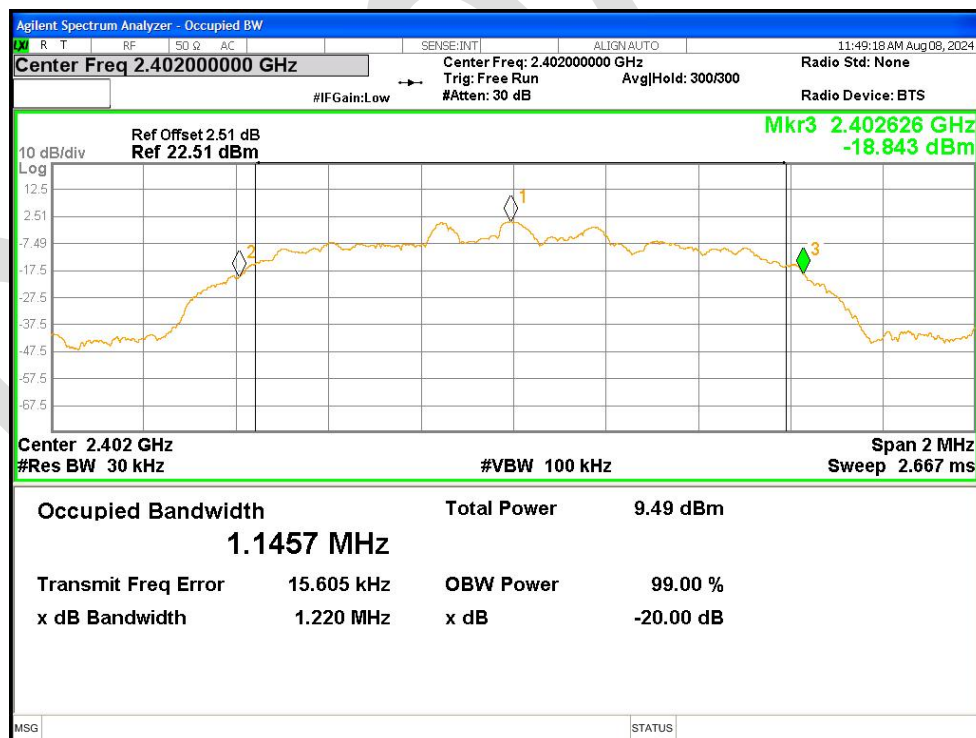
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



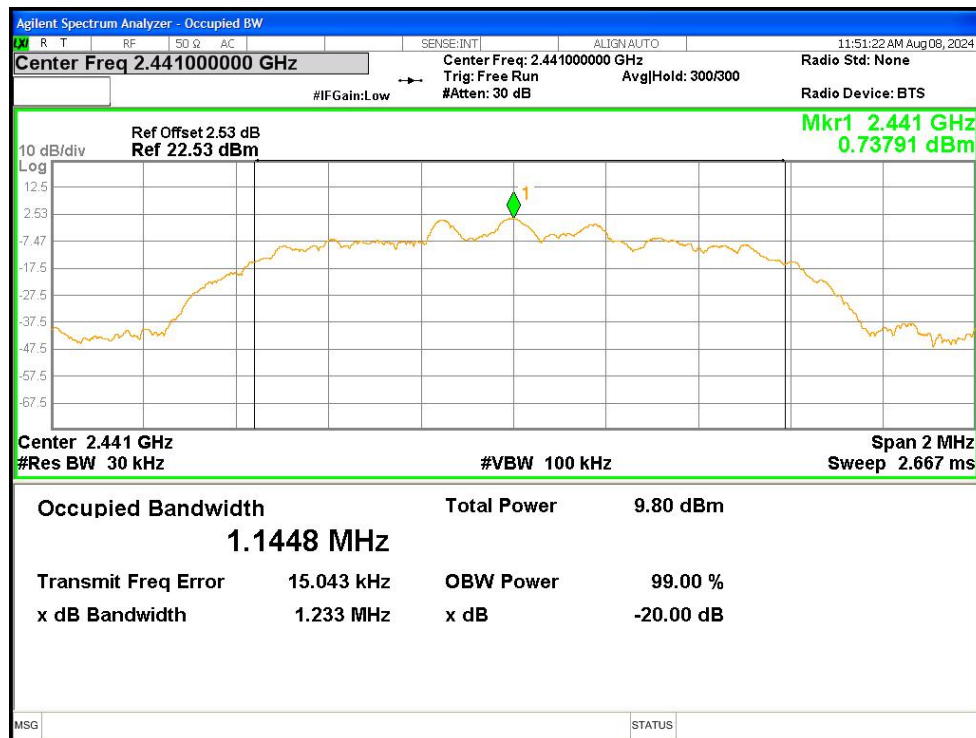
-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1



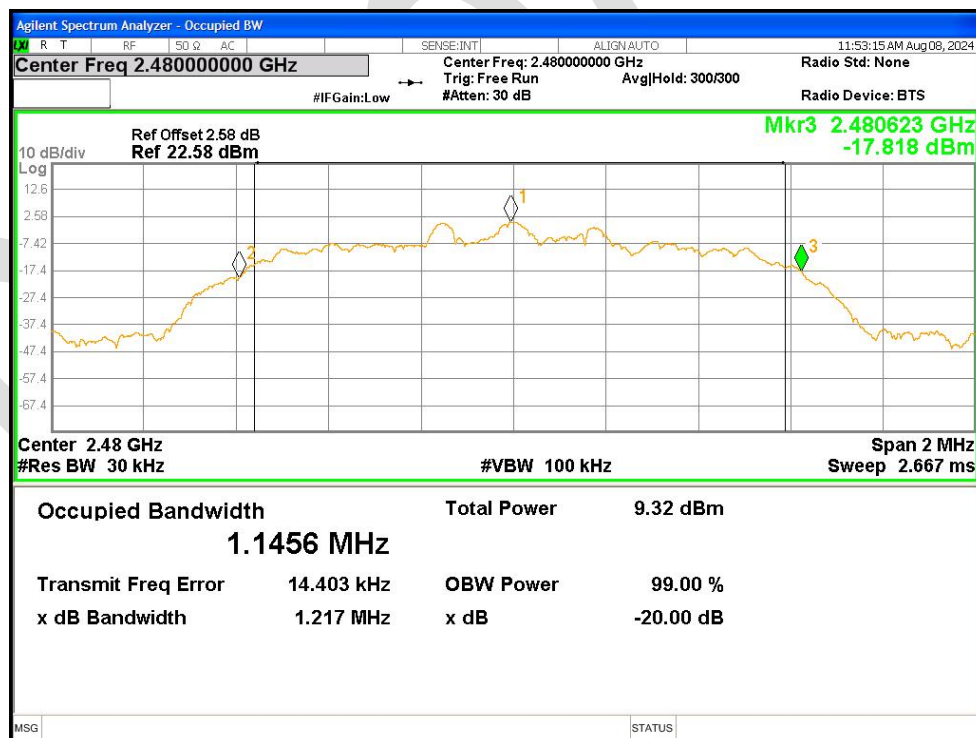
-20dB Bandwidth NVNT 3-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH1 2441MHz Ant1



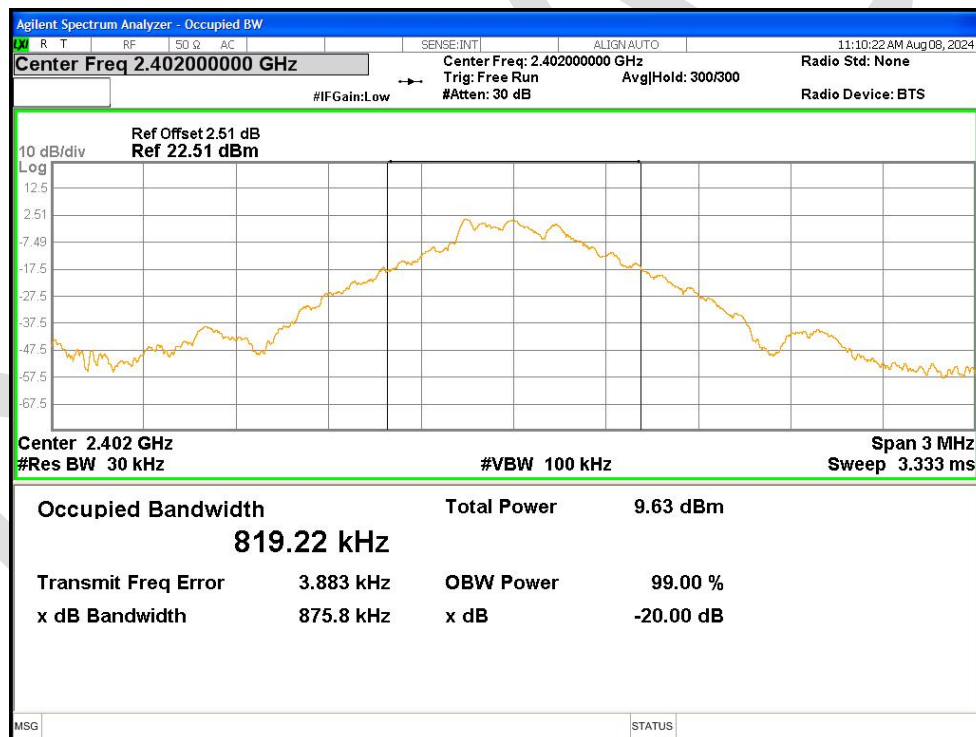
-20dB Bandwidth NVNT 3-DH1 2480MHz Ant1



### 7.3 Occupied Channel Bandwidth

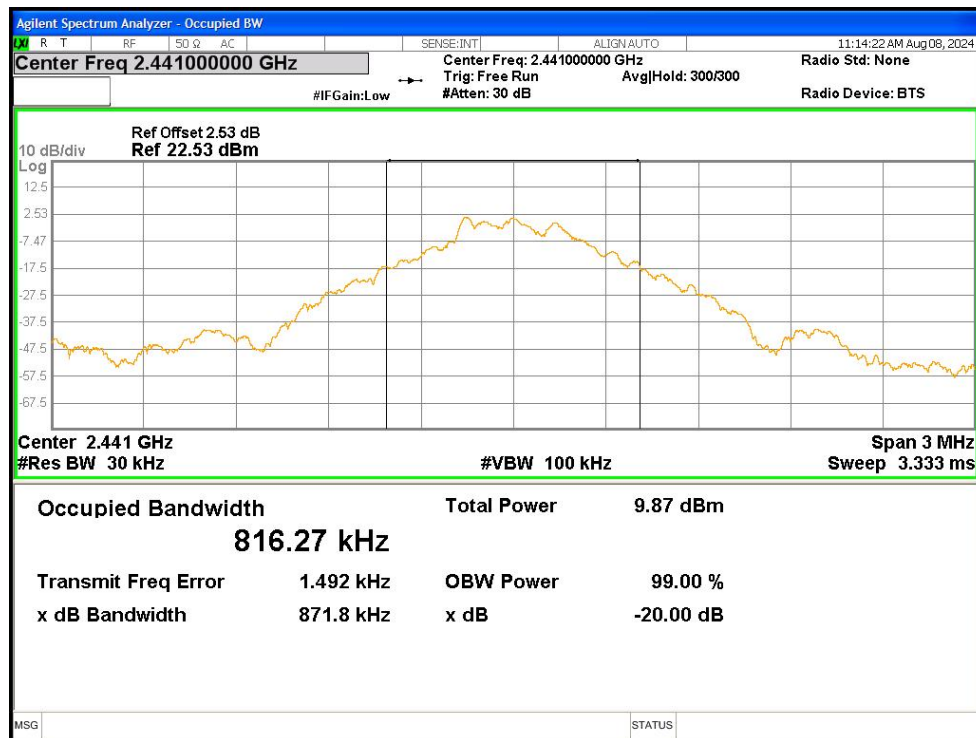
| Condition | Mode  | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|-------|-----------------|---------|---------------|
| NVNT      | 1-DH1 | 2402            | Ant1    | 0.81922       |
| NVNT      | 1-DH1 | 2441            | Ant1    | 0.81627       |
| NVNT      | 1-DH1 | 2480            | Ant1    | 0.82685       |
| NVNT      | 2-DH1 | 2402            | Ant1    | 1.1661        |
| NVNT      | 2-DH1 | 2441            | Ant1    | 1.1645        |
| NVNT      | 2-DH1 | 2480            | Ant1    | 1.1651        |
| NVNT      | 3-DH1 | 2402            | Ant1    | 1.1477        |
| NVNT      | 3-DH1 | 2441            | Ant1    | 1.1458        |
| NVNT      | 3-DH1 | 2480            | Ant1    | 1.1444        |

OBW NVNT 1-DH1 2402MHz Ant1

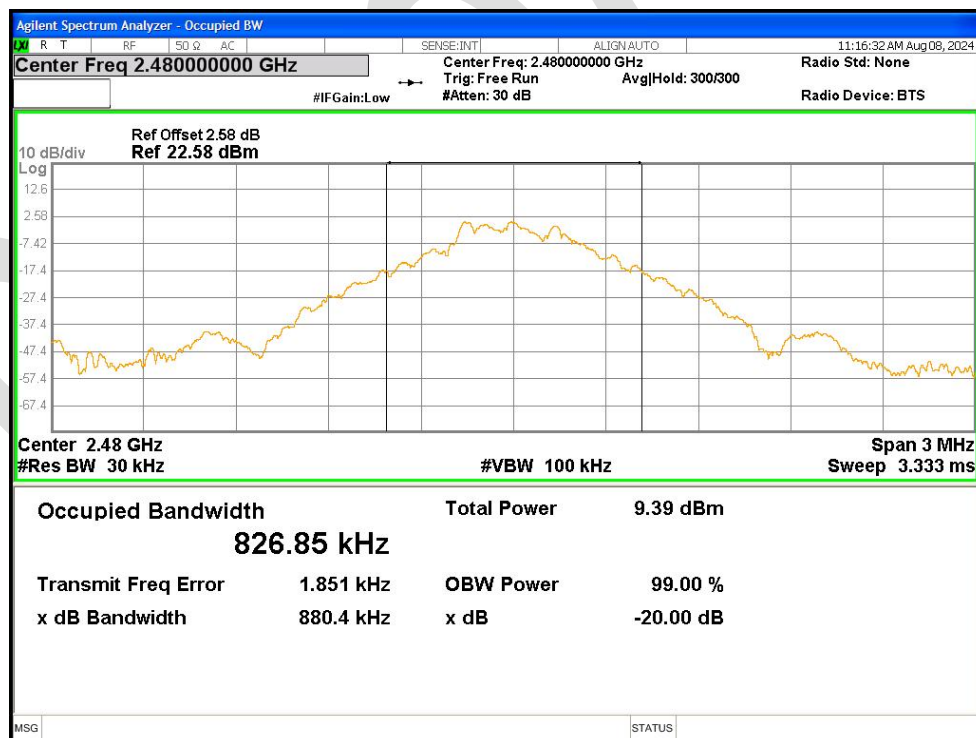


OBW NVNT 1-DH1 2441MHz Ant1

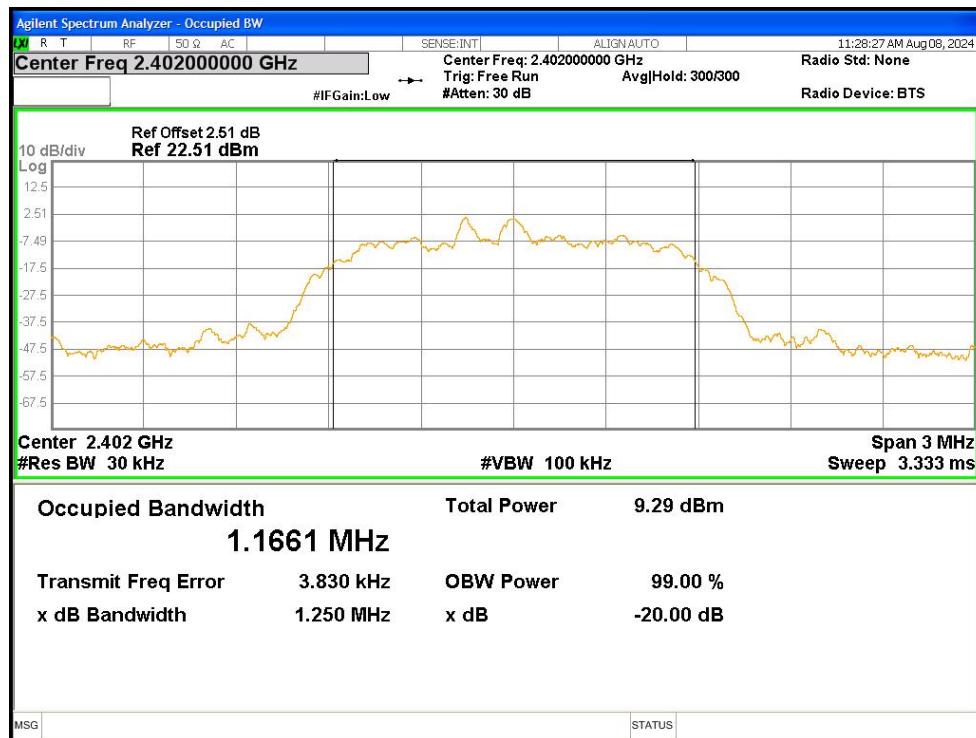




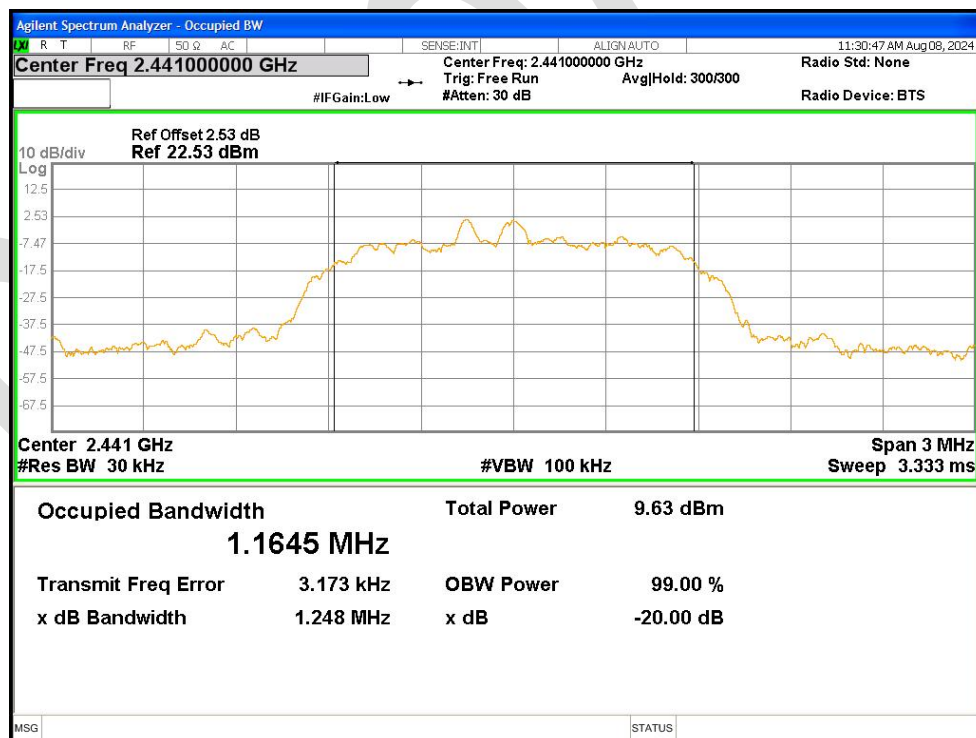
OBW NVNT 1-DH1 2480MHz Ant1



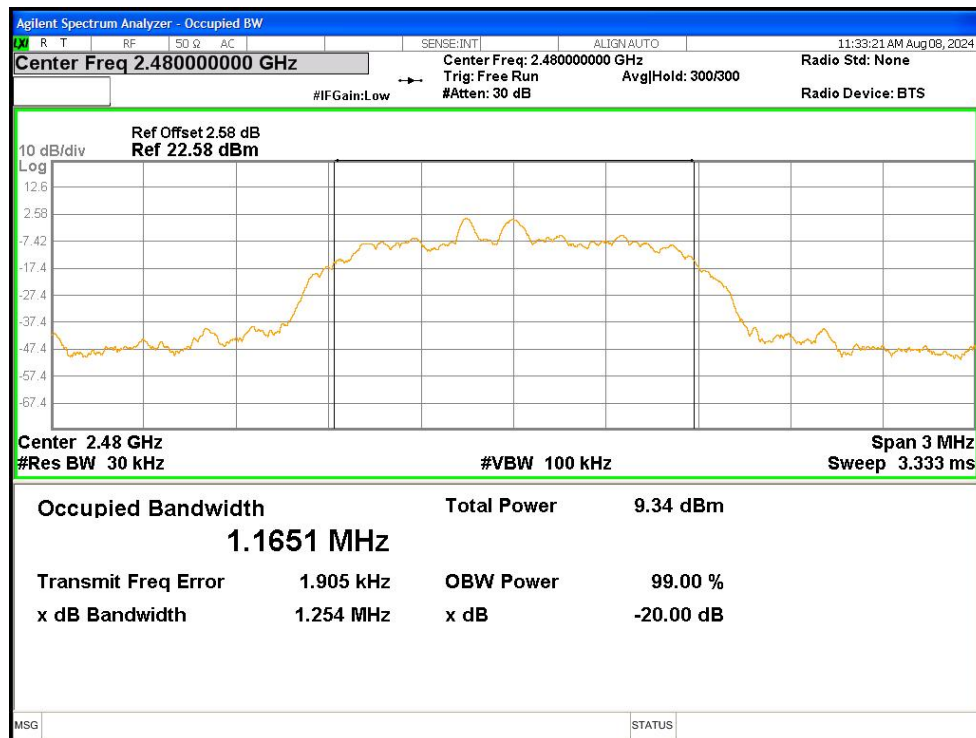
OBW NVNT 2-DH1 2402MHz Ant1



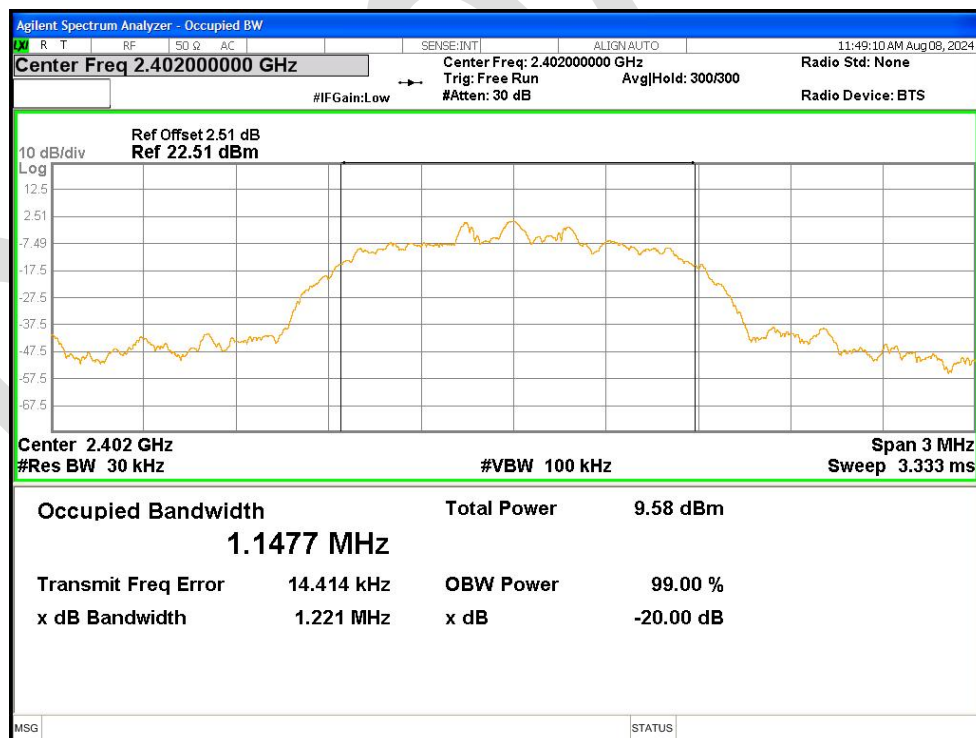
OBW NVNT 2-DH1 2441MHz Ant1



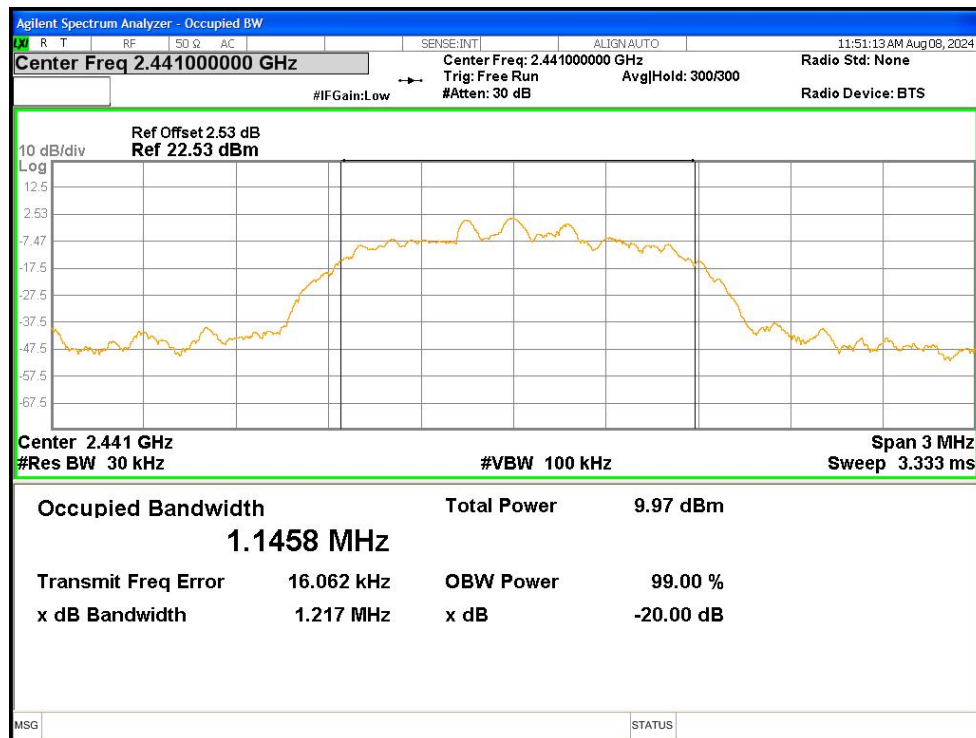
OBW NVNT 2-DH1 2480MHz Ant1



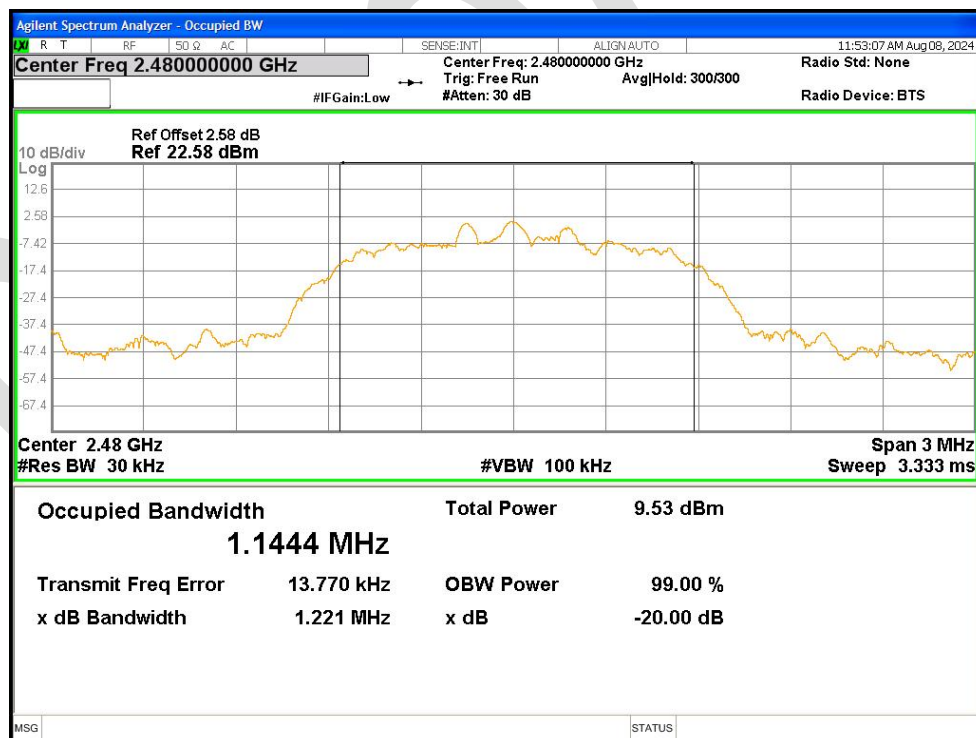
OBW NVNT 3-DH1 2402MHz Ant1



OBW NVNT 3-DH1 2441MHz Ant1



OBW NVNT 3-DH1 2480MHz Ant1



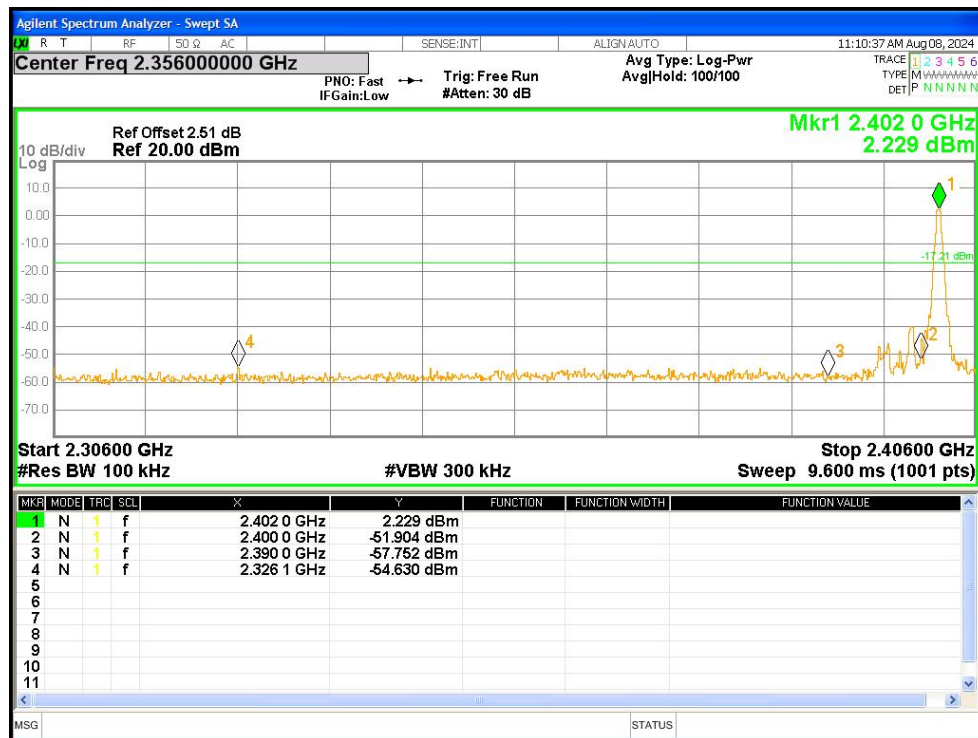
## 7.4 Band Edge

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH1 | 2402            | Ant1    | No-Hopping   | -57.42          | -20         | Pass    |
| NVNT      | 1-DH1 | 2480            | Ant1    | No-Hopping   | -56.12          | -20         | Pass    |
| NVNT      | 2-DH1 | 2402            | Ant1    | No-Hopping   | -56.72          | -20         | Pass    |
| NVNT      | 2-DH1 | 2480            | Ant1    | No-Hopping   | -55.32          | -20         | Pass    |
| NVNT      | 3-DH1 | 2402            | Ant1    | No-Hopping   | -54.4           | -20         | Pass    |
| NVNT      | 3-DH1 | 2480            | Ant1    | No-Hopping   | -54.05          | -20         | Pass    |

Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission