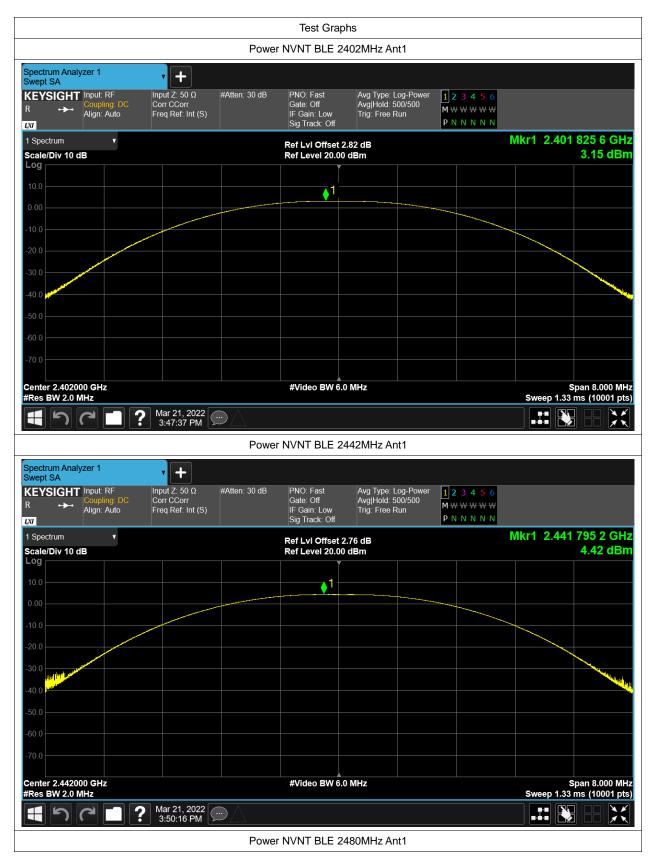
#### **Test Data**

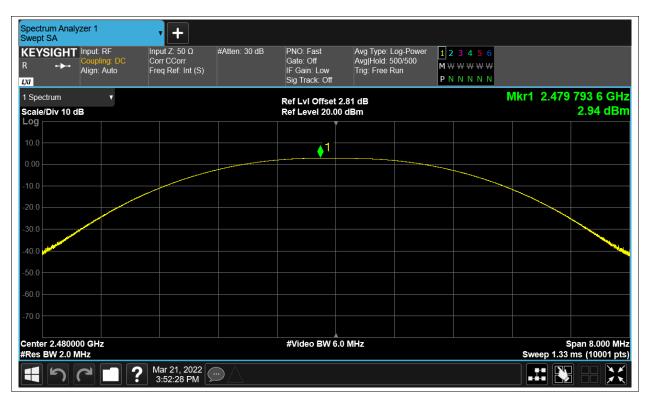
### **Maximum Conducted Output Power**

| Condition | Mode | Frequency | Antenna | Conducted Power | Duty Factor | Total Power | Limit | Verdict |
|-----------|------|-----------|---------|-----------------|-------------|-------------|-------|---------|
|           |      | (MHz)     |         | (dBm)           | (dB)        | (dBm)       | (dBm) |         |
| NVNT      | BLE  | 2402      | Ant1    | 3.151           | 0           | 3.151       | 30    | Pass    |
| NVNT      | BLE  | 2442      | Ant1    | 4.42            | 0           | 4.42        | 30    | Pass    |
| NVNT      | BLE  | 2480      | Ant1    | 2.939           | 0           | 2.939       | 30    | Pass    |











#### -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | 0.68                  | 0.5                         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | 0.665                 | 0.5                         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | 0.683                 | 0.5                         | Pass    |





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| Spectru<br>Occupi | ım Analı<br>ed BW | yzer 1                          |                      | • +                                   | ,               |      |   |                                       |                      |     |                     |                              |
|-------------------|-------------------|---------------------------------|----------------------|---------------------------------------|-----------------|------|---|---------------------------------------|----------------------|-----|---------------------|------------------------------|
| REYS              | SIGHT             | Input: I<br>Couplii<br>Align: / | ng: DC               | Input Z: 50<br>Corr CCor<br>Freq Ref: |                 | Ga   | g: Free Run<br>ite: Off<br><sup>-</sup> Gain: Low | Center Fre<br>Avg Hold:<br>Radio Std: |                      | Hz  |                     |                              |
| 1 Grapt           |                   |                                 | •                    |                                       |                 |      | LvI Offset 2.                                     |                                       |                      | M   | kr3 2.48033         |                              |
|                   | Div 10.0          | ) dB                            |                      |                                       |                 | Ref  | Value 22.81                                       | dBm                                   |                      |     |                     | -4.24 dBm                    |
| Log<br>12.8       |                   |                                 |                      |                                       |                 | 2    |   |                                       | 3                    |     |                     |                              |
| 2.81              |                   |                                 |                      |                                       |                 | 2    |   |                                       |                      |     |                     |                              |
| -17.2             |                   |                                 |                      |                                       |                 |      |   |                                       |                      |     |                     |                              |
| -37.2             |                   |                                 |                      |                                       |                 |      |   |                                       |                      |     |                     |                              |
| -47.2<br>-57.2    |                   |                                 |                      |                                       |                 |      |   |                                       |                      |     |                     |                              |
| -67.2             |                   |                                 |                      |                                       |                 |      |   |                                       |                      |     |                     |                              |
| Center<br>#Res B  |                   |                                 |                      | •                                     |                 | #Vic | deo BW 300.0                                      | 00 kHz                                |                      | •   | Sweep 1.33 r        | Span 2 MHz<br>ns (10001 pts) |
| 2 Metric          |                   |                                 | V                    |                                       |                 |      |   |                                       |                      |     |                     |                              |
|                   |                   |                                 |                      |                                       |                 |      |   |                                       |                      |     |                     |                              |
|                   |                   | Oc                              | cupied Ba            |                                       |                 |      |   |                                       | <b>T</b> / 10        |     |                     |                              |
|                   |                   |                                 |                      | 1.0426                                |                 |      |   |                                       | Total Power          |     | 9.15 dBm            |                              |
|                   |                   |                                 | nsmit Fre<br>B Bandw |                                       | -4.131<br>683.4 |      |   |                                       | % of OBW Pow<br>x dB | ver | 99.00 %<br>-6.00 dB |                              |
|                   |                   |                                 |                      |                                       |                 |      |   |                                       |                      |     |                     |                              |
|                   | 5                 | 6                               |                      | Mar 21,<br>3:52:45                    | 2022            | 2    |   |                                       |                      |     |                     |                              |



# **Occupied Channel Bandwidth**

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant1    | 1.037088317   |
| NVNT      | BLE  | 2442            | Ant1    | 1.032467985   |
| NVNT      | BLE  | 2480            | Ant1    | 1.034645239   |











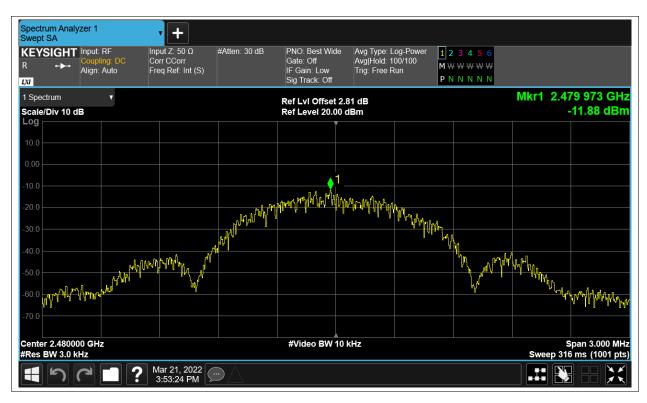
# **Maximum Power Spectral Density Level**

| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -11.568       | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -10.353       | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -11.884       | 8           | Pass    |







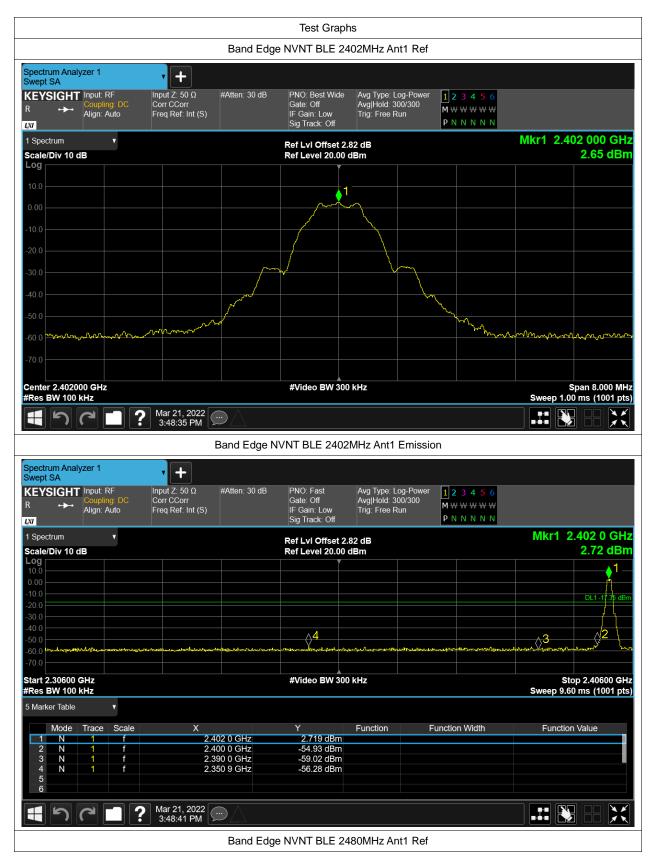




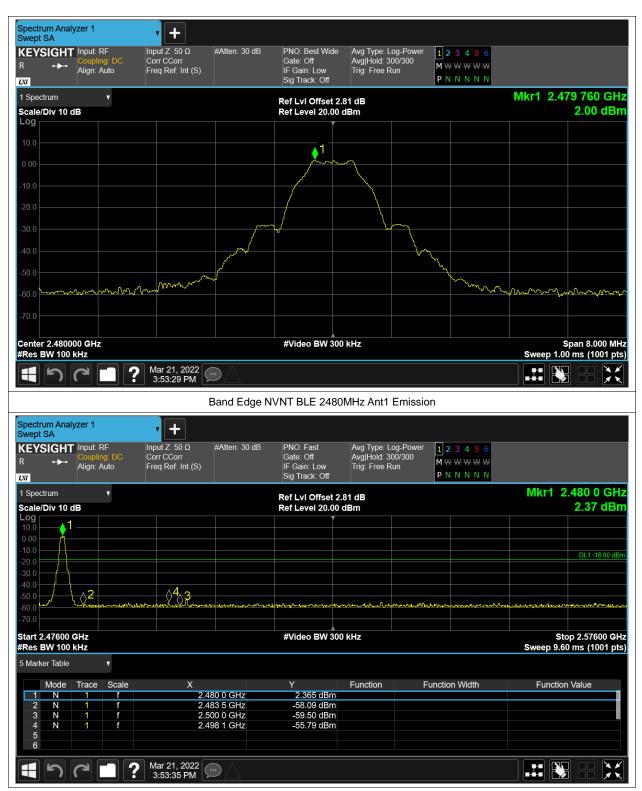
#### **Band Edge**

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -58.92          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -57.79          | -20         | Pass    |











# **Conducted RF Spurious Emission**

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -52.01          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -53.59          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -52.25          | -20         | Pass    |











