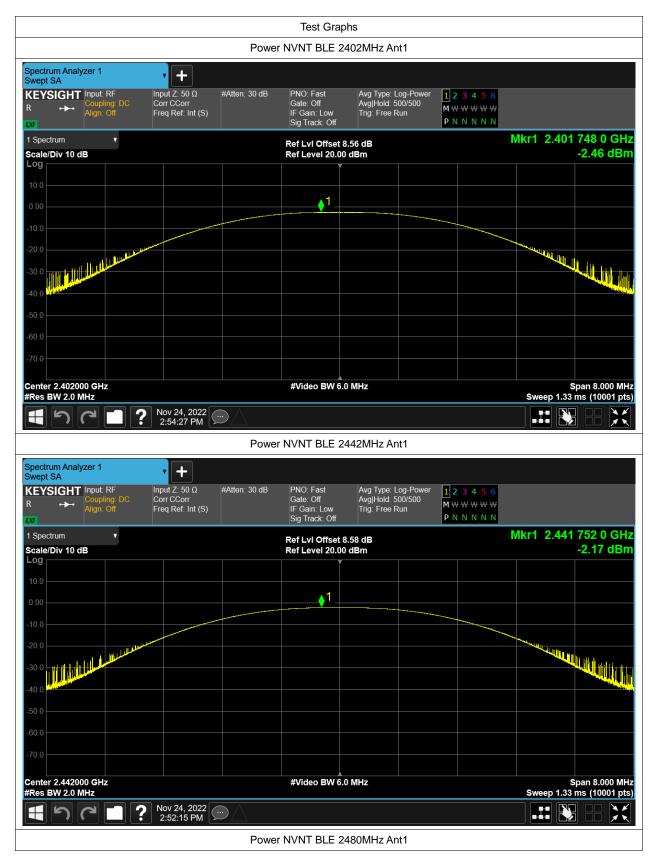


Test Data

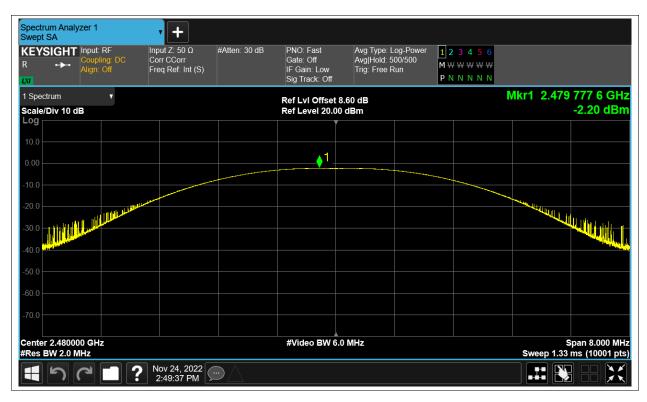
Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT | BLE | 2402 | Ant1 | -2.459 | 30 | Pass |
| NVNT | BLE | 2442 | Ant1 | -2.168 | 30 | Pass |
| NVNT | BLE | 2480 | Ant1 | -2.197 | 30 | Pass |











-6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit | Verdic |
|-----------|------|-----------------|---------|-----------------------|-------|--------|
| NVNT | BLE | 2402 | Ant1 | 0.6 | 0.5 | Pass |
| NVNT | BLE | 2442 | Ant1 | 0.6 | 0.5 | Pass |
| NVNT | BLE | 2480 | Ant1 | 0.599 | 0.5 | Pass |







| | rum Analy bied BW | yzer 1 | | • + | • | | | | | | |
|-------------|----------------------|--------------|--|--------------------------|------------|--------------|-----------------------------|------------|----------------|-------------|--|
| KEY: R | SIGHT ⊶⊷ | Couplir | ig: DC | Input Z: 50 Corr CCor | | Atten: 30 dB | Trig: Free Run Gate: Off | Avg Hold: | | | |
| LXI | | Align: C | DΠ | Freq Ref: | Int (S) | | #IF Gain: Low | Radio Std: | None | | |
| 1 Grap | bh | | • | | | | Ref Lvl Offset | 8.60 dB | | Mkr3 2.4802 | 96000 GHz |
| | /Div 10.0 | dB | | | _ | | Ref Value 28.6 | | | | -8.56 dBm |
| Log 18.6 | | | | | | | | | | | |
| 8.60 | | | | | | A 2 | | <u></u> | 3 | | |
| -1.40 | | | | | | ¢2 | | | | | |
| -21.4 | | | | | | | | | | | |
| -31.4 | ᡔᡣᡙᡗᢧᡘᢧᡃᠯ | and a second | And a start of the | | | | | | | | anna an |
| -41.4 | | | | | | | | | | | |
| -61.4 | | | | | | | | | | | |
| | r 2.4800 BW 100. | | | | | | #Video BW 300 |).00 kHz | | Sweep 1.33 | Span 2 MHz ms (10001 pts) |
| 2 Metr | ics | | v | | | | | | | | |
| | | | | | | | | | | | |
| | | 000 | cupied Bar | ndwidth | | | | | | | |
| | | | | 1.0309 | MHz | | | | Total Power | 2.08 dBm | |
| | | | nsmit Fred | | | 3.828 kHz | | | % of OBW Power | 99.00 % | |
| | | x di | B Bandwic | ith | | 599.0 kHz | | | x dB | -6.00 dB | |
| | | | | | | | | | | | |
| | 5 | C |]? | Nov 24, 2:50:04 | 2022 PM | | | | | | |



Occupied Channel Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT | BLE | 2402 | Ant1 | 1.042 |
| NVNT | BLE | 2442 | Ant1 | 1.041 |
| NVNT | BLE | 2480 | Ant1 | 1.042 |







| Spectr | rum Analy bied BW | zer 1 | | • | + | | | | | | | | | | |
|-------------|----------------------|----------------------------------|------------|--------------------------------|-------------------|-------|---------|--|-------|--|------------|-------|-----|------------|--|
| REY: | SIGHT .≁· | Input: R Coupling Align: O | g: DC | Input Z: Corr CC Freq Re | | Atten | : 30 dB | Trig: Free Run Gate: Off #IF Gain: Low | | Center Freq Avg Hold: 1 Radio Std: 1 | | 00 GH | Ηz | | |
| 1 Grap | | | • | | | | | Ref LvI Offset | | | | | | | |
| | /Div 10.0 | dB | | | | | | Ref Value 28. | 60 dE | 3m | | _ | | | |
| Log 18.6 | | | | | | | | | | | | | | | |
| 8.60 | | | | | | | | | | | | | | | |
| -1.40 | | | | | | | | | - | | | | | | |
| -11.4 | | | | | | | ~~~ | $\wedge \sim$ | | $\sim \wedge$ | <u>~</u> | | | | |
| -21.4 | | | | | | | | | | | | | | | |
| -31.4 | | | ~ | ~ ~ | / | | | | | | | | | | |
| -41.4 | my harmore my | ~~~~~ | man | ~ | | | | | | | | | | | · ···································· |
| -61.4 | | | | | | | | | | | | | | | |
| Conto | er 2.48000 | | | | | | | #Video BW 10 | 0.00 | | | | | | Span 3 MHz |
| | BW 30.00 | | | | | | | #video Bvv id | 0.00 | KIIZ | | | | Sweep 3.33 | ms (10001 pts) |
| 2 Metr | | | • | | | | | | | | | | | | |
| 2 11100 | 100 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | Occ | upied Ban | dwidth | | | | | | | | | | | |
| | | | | 1.041 | 5 MHz | | | | | | Total Powe | er | | 3.04 dBm | |
| | | Tran | nsmit Freq | Error | | 4.994 | kHz | | | | % of OBW | Pow | ver | 99.00 % | |
| | | x dB | Bandwidt | h | | 1.272 | MHz | | | | x dB | | | -26.00 dB | |
| | | | | | | | | | | | | | | | |
| | 5 | |]? | Nov 2 2:49: | 24, 2022 51 PM | | | | | | | | | | |



Maximum Power Spectral Density Level

| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT | BLE | 2402 | Ant1 | -8.827 | 8 | Pass |
| NVNT | BLE | 2442 | Ant1 | -8.554 | 8 | Pass |
| NVNT | BLE | 2480 | Ant1 | -8.617 | 8 | Pass |







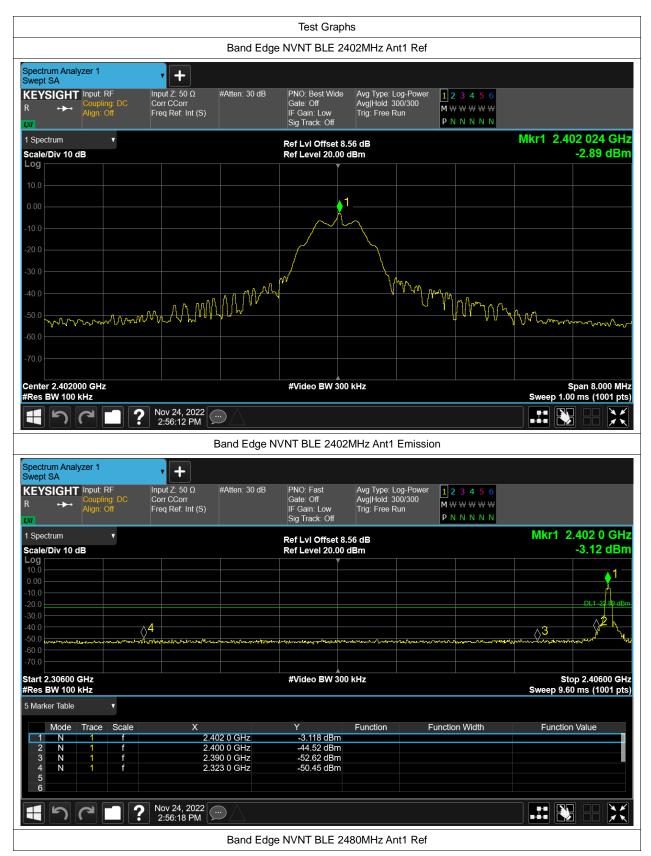




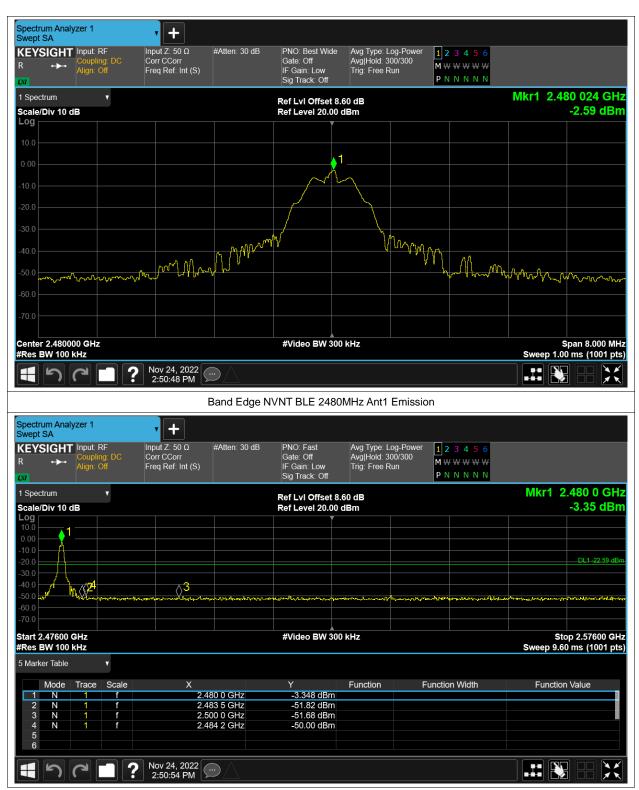
Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT | BLE | 2402 | Ant1 | -47.56 | -20 | Pass |
| NVNT | BLE | 2480 | Ant1 | -47.41 | -20 | Pass |











Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT | BLE | 2402 | Ant1 | -28.2 | -20 | Pass |
| NVNT | BLE | 2442 | Ant1 | -30.51 | -20 | Pass |
| NVNT | BLE | 2480 | Ant1 | -31.41 | -20 | Pass |











