

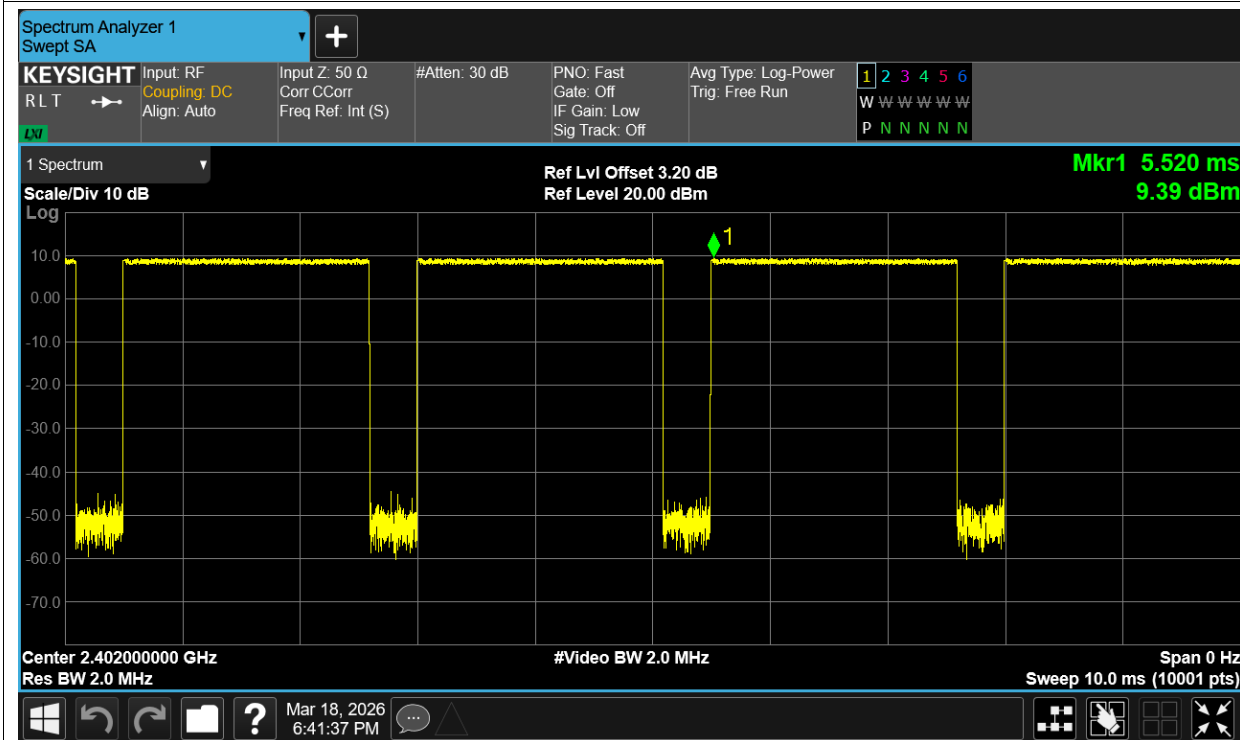
Test Data

Duty Cycle

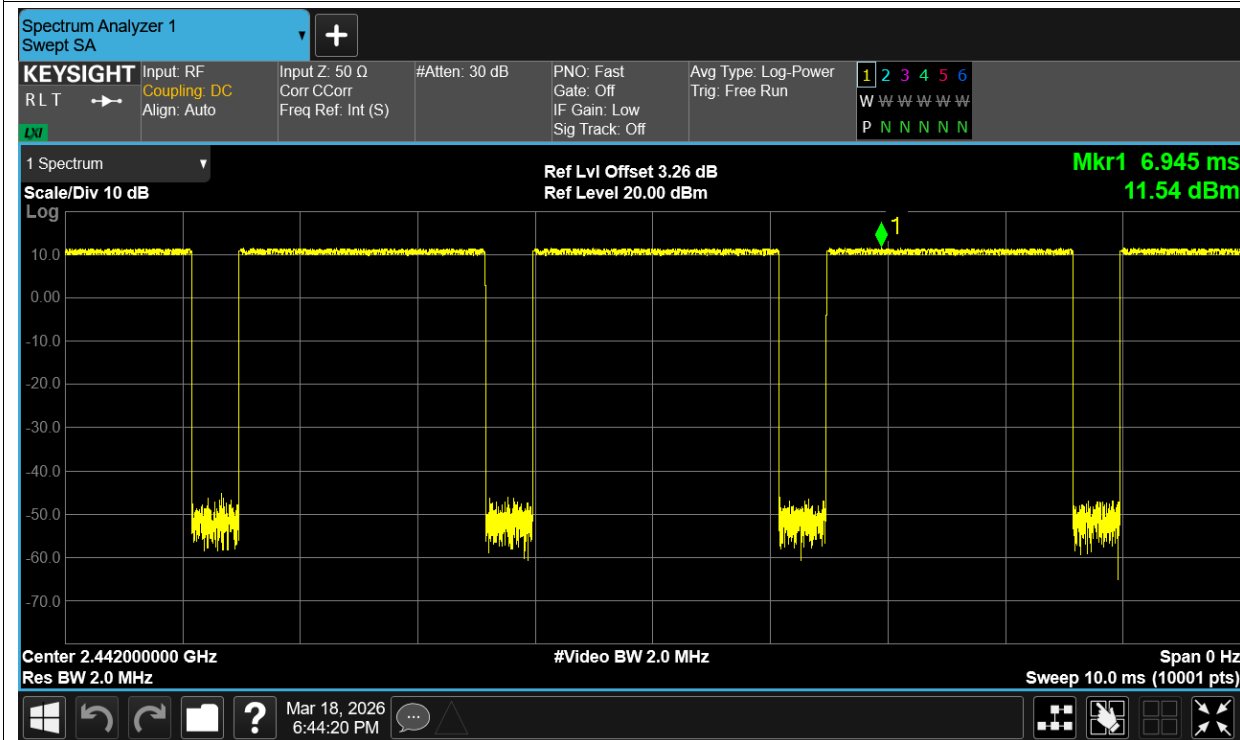
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) |
|-----------|------|-----------------|---------|----------------|------------------------|
| NVNT      | BLE  | 2402            | Ant1    | 84.04          | 0.76                   |
| NVNT      | BLE  | 2442            | Ant1    | 84.04          | 0.76                   |
| NVNT      | BLE  | 2480            | Ant1    | 84.04          | 0.76                   |

## Test Graphs

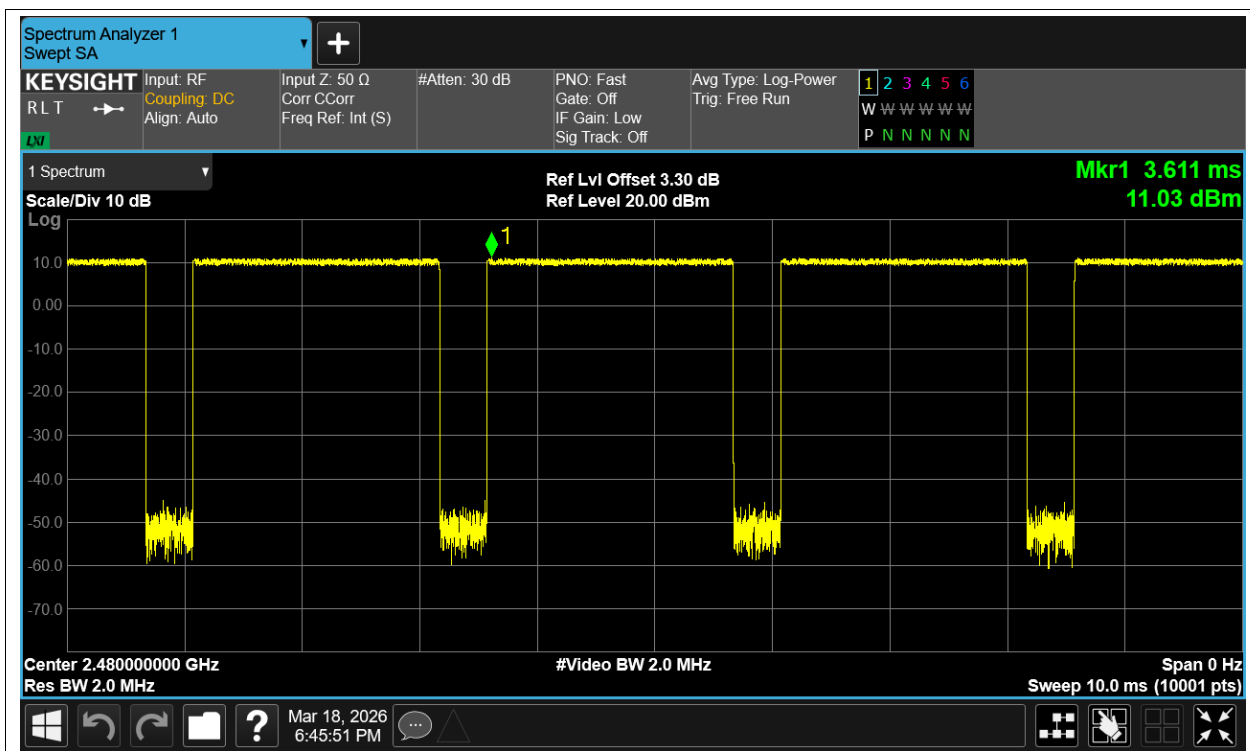
Duty Cycle NVNT BLE 2402MHz Ant1



Duty Cycle NVNT BLE 2442MHz Ant1



Duty Cycle NVNT BLE 2480MHz Ant1

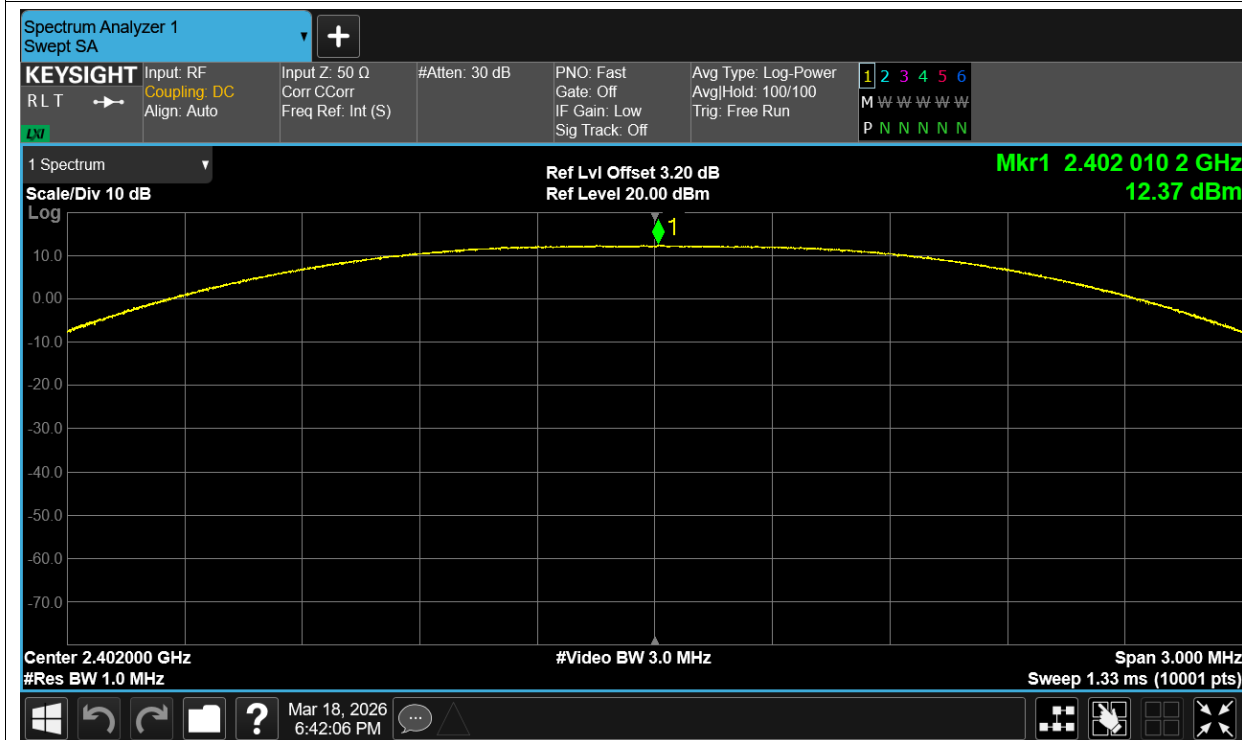


## Maximum Conducted Output Power

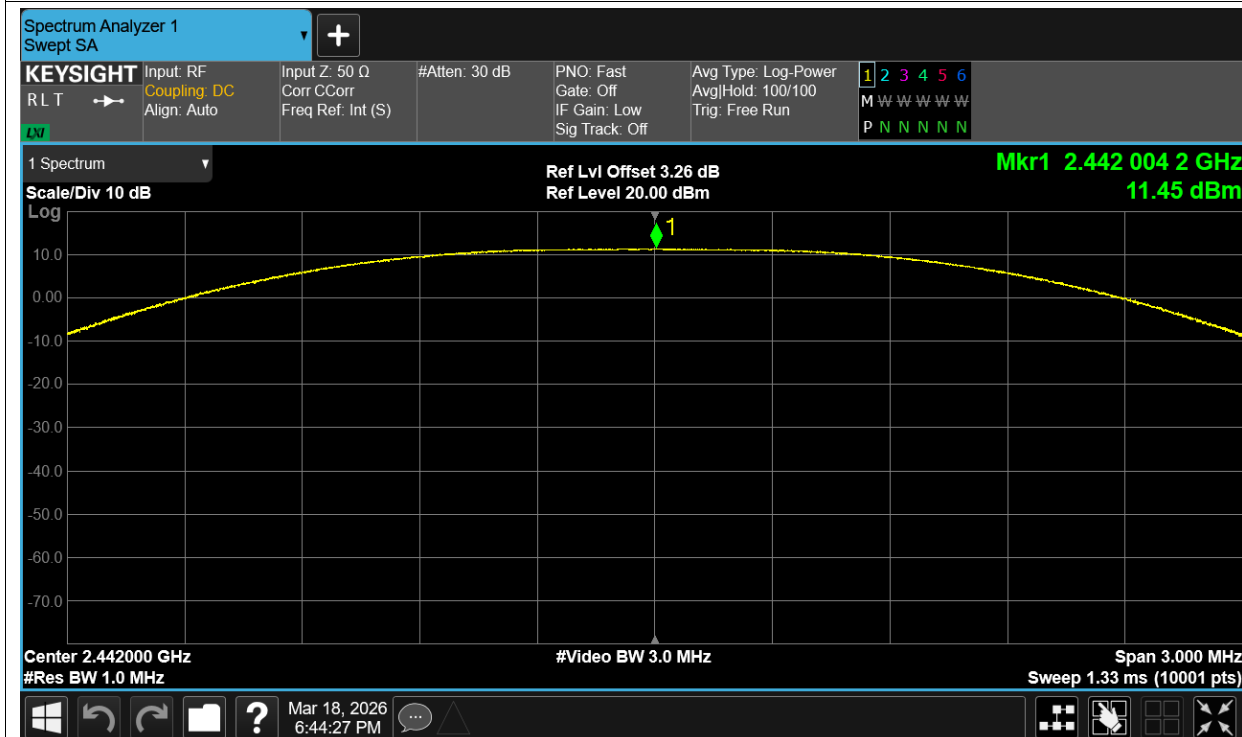
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | 12.374                | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | 11.45                 | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | 10.877                | 30          | Pass    |

## Test Graphs

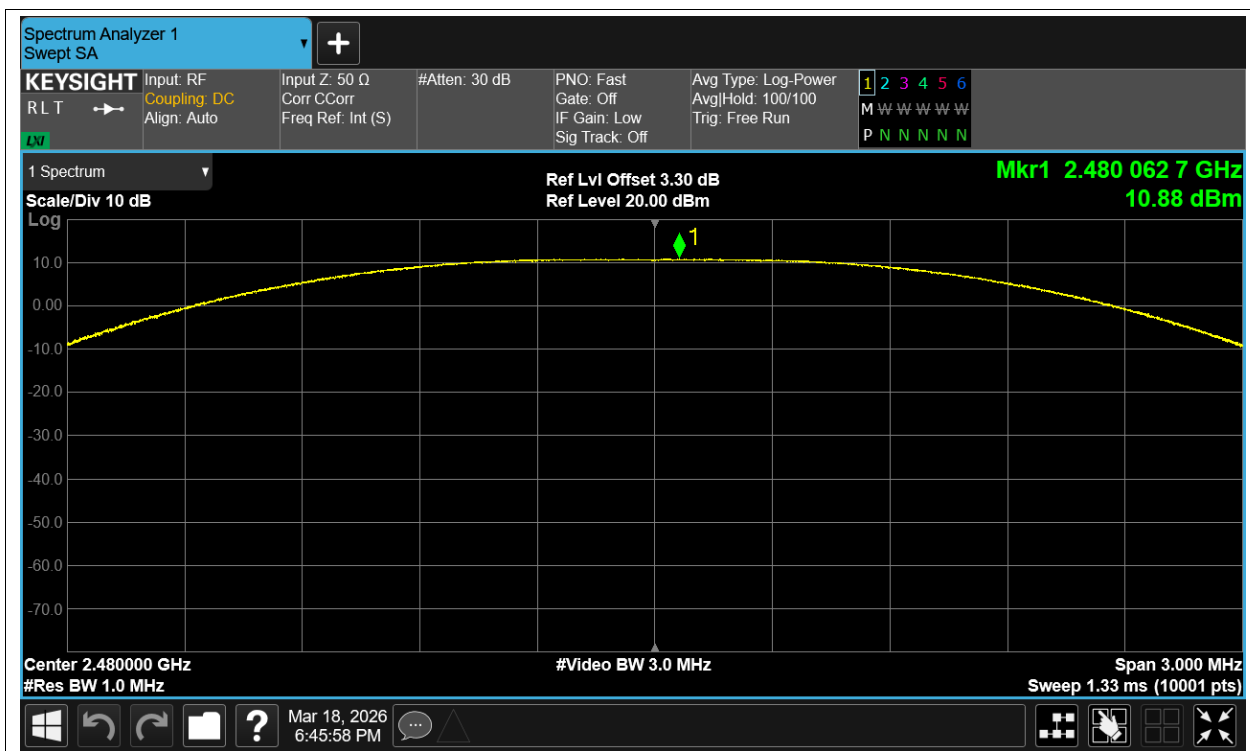
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2442MHz Ant1



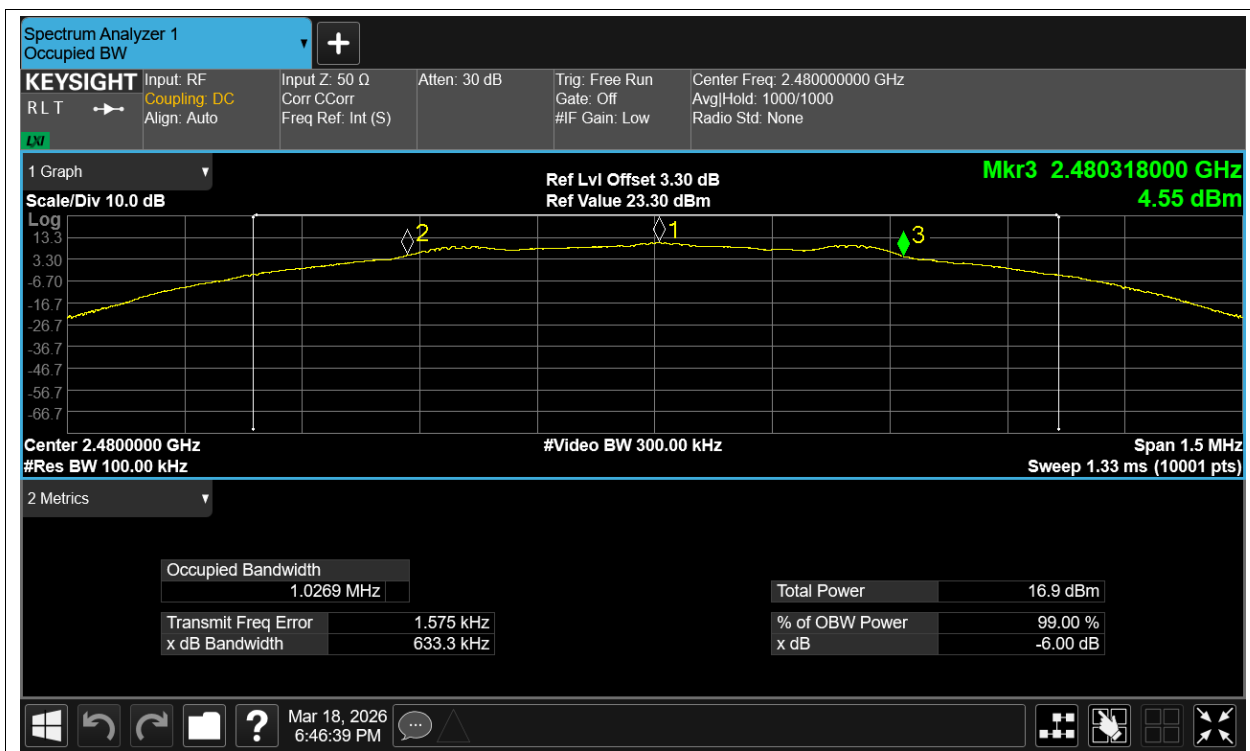
Power NVNT BLE 2480MHz Ant1



## -6dB Bandwidth

| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | limit(MHz) | Verdic |
|-----------|------|-----------------|---------|-----------------------|------------|--------|
| NVNT      | BLE  | 2402            | Ant1    | 0.633                 | 0.5        | Pass   |
| NVNT      | BLE  | 2442            | Ant1    | 0.635                 | 0.5        | Pass   |
| NVNT      | BLE  | 2480            | Ant1    | 0.633                 | 0.5        | Pass   |

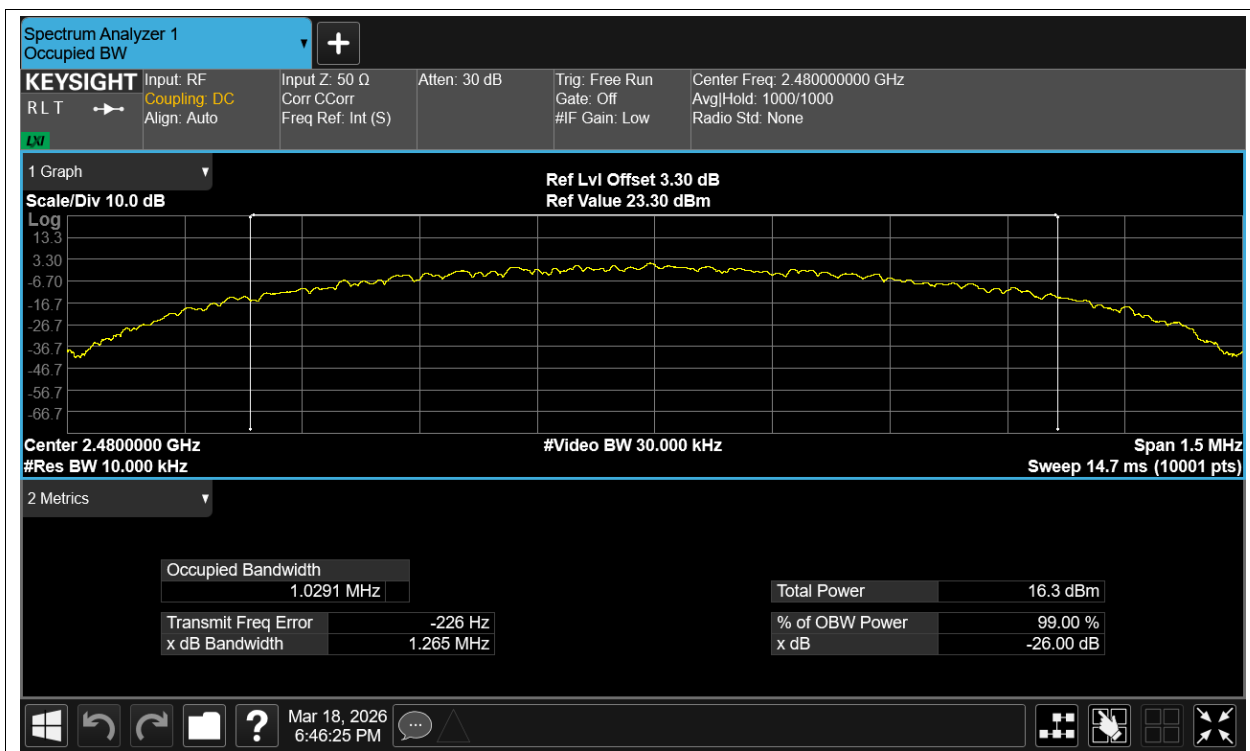




## Occupied Channel Bandwidth

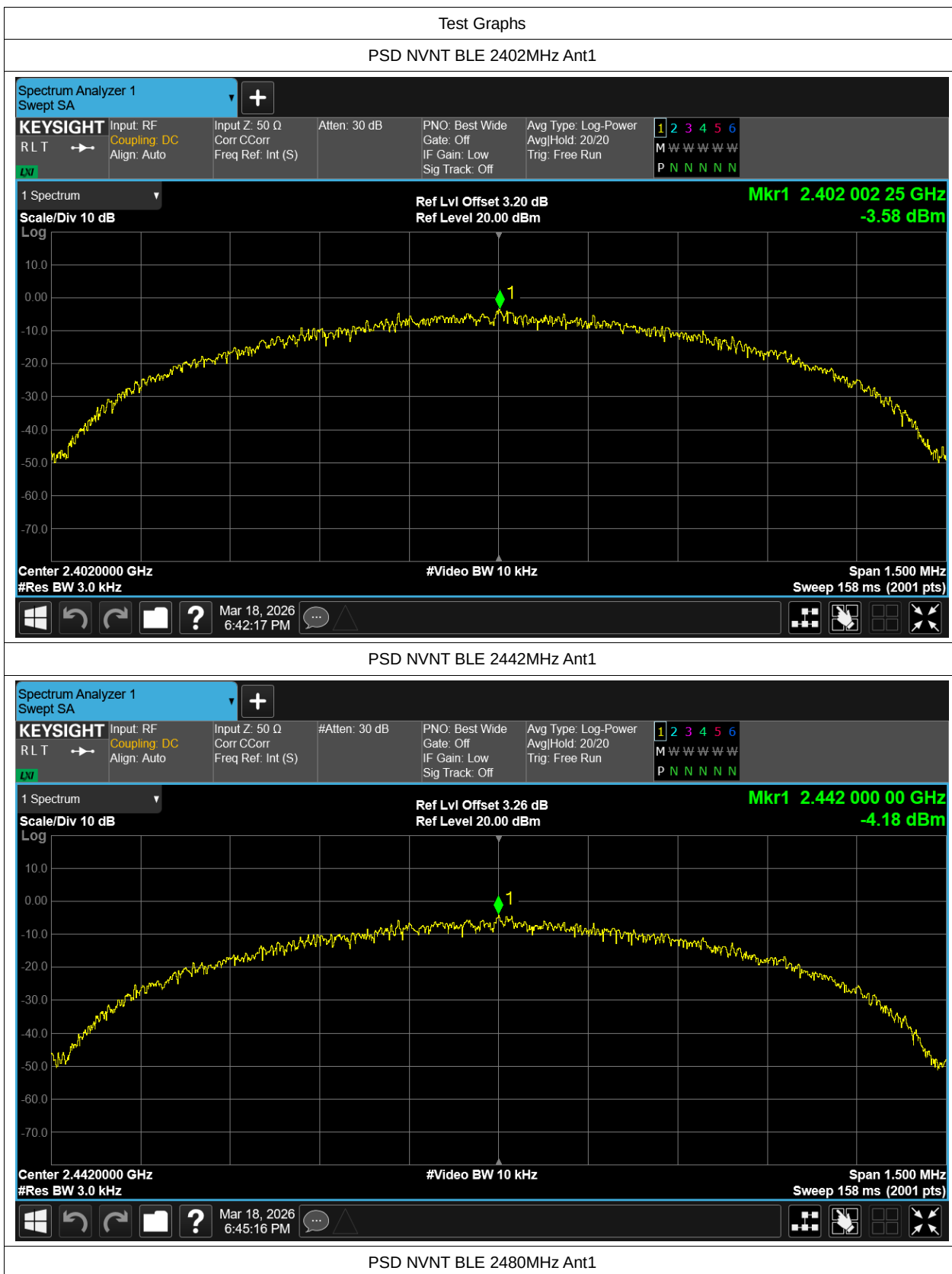
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant1    | 1.028         |
| NVNT      | BLE  | 2442            | Ant1    | 1.028         |
| NVNT      | BLE  | 2480            | Ant1    | 1.029         |

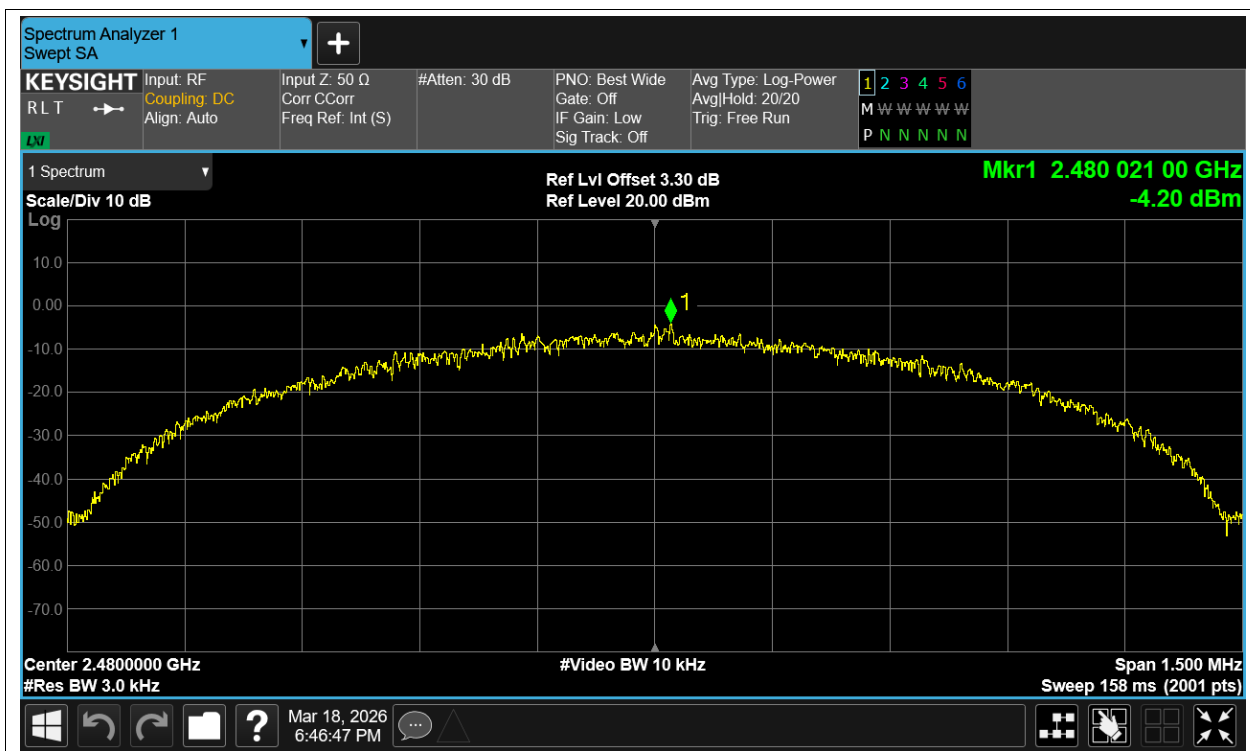




## Maximum Power Spectral Density Level

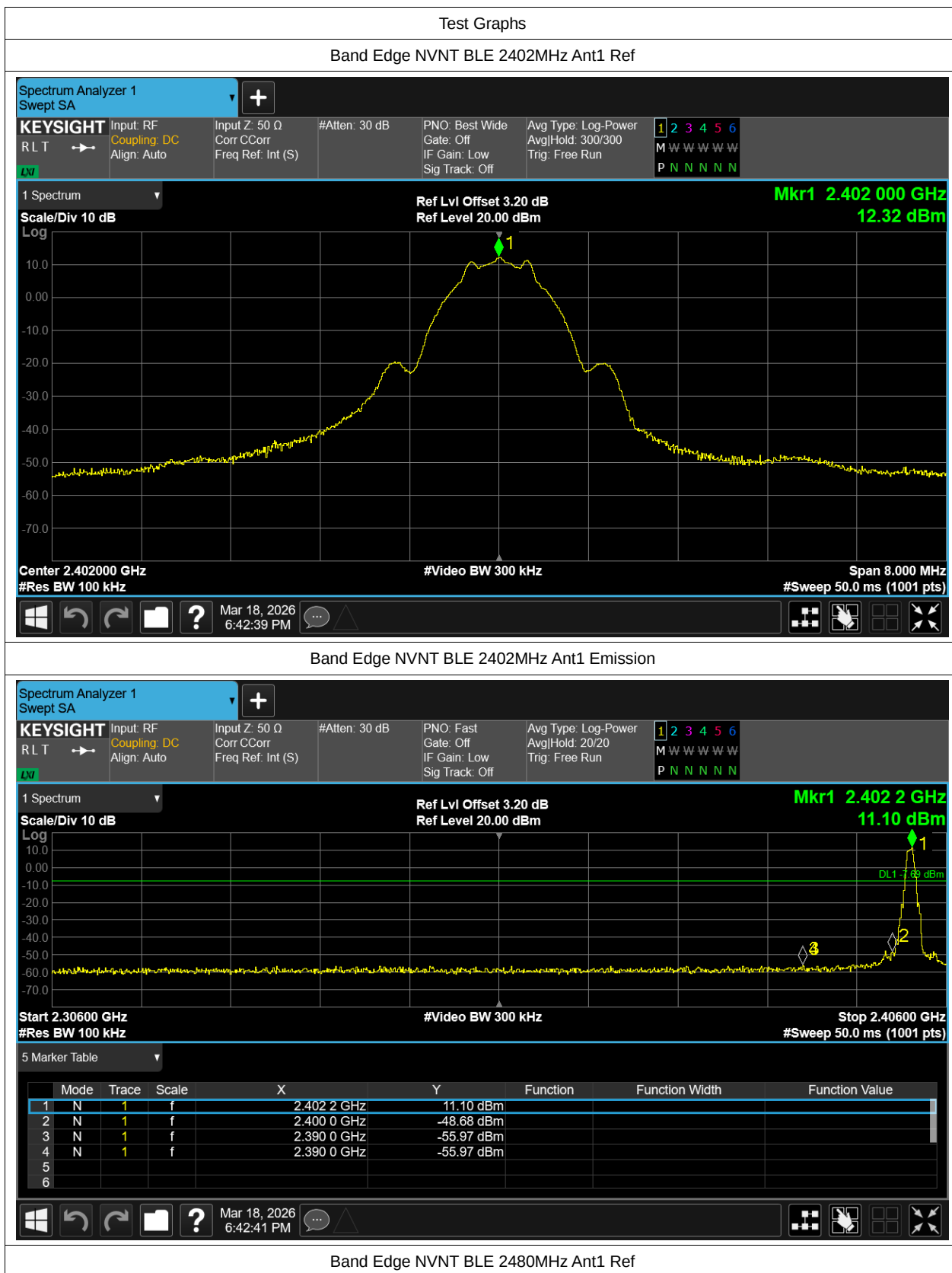
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm/3KHz) | Limit (dBm/3KHz) | Verdict |
|-----------|------|-----------------|---------|--------------------|------------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -3.583             | 8                | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -4.18              | 8                | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -4.203             | 8                | Pass    |

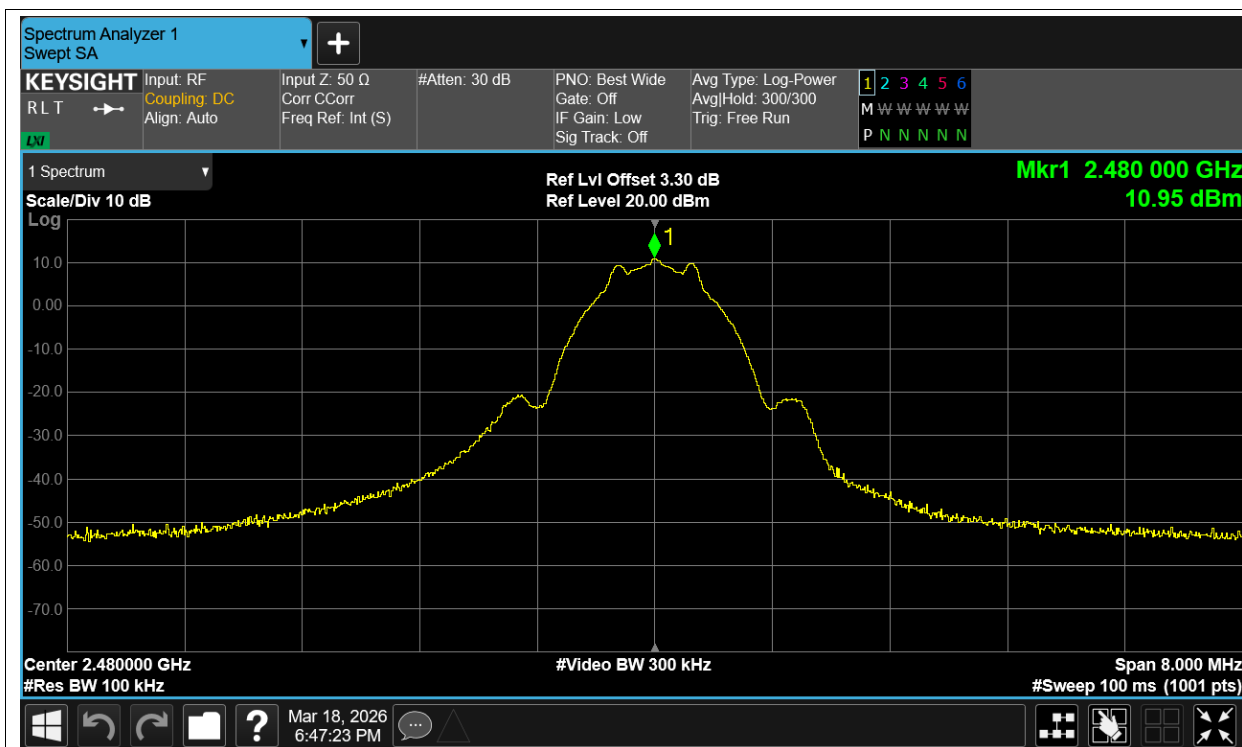




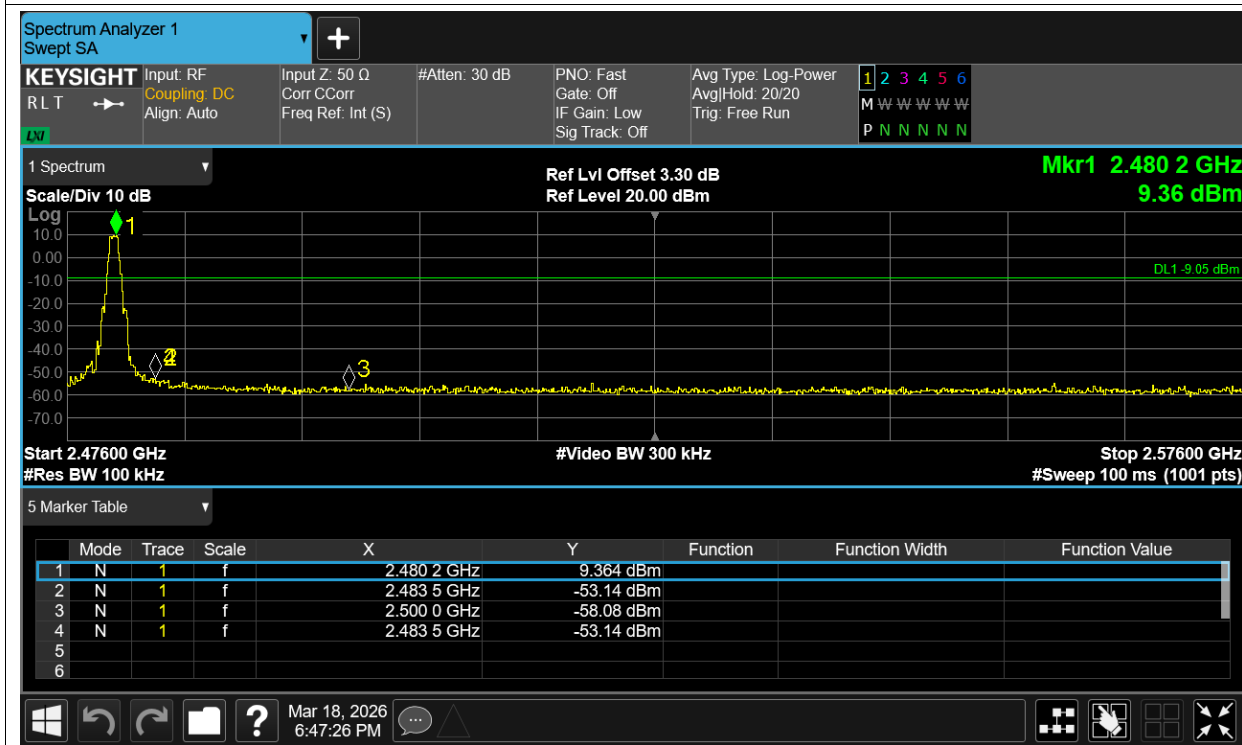
## Band Edge

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -68.29          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -64.09          | -20         | Pass    |





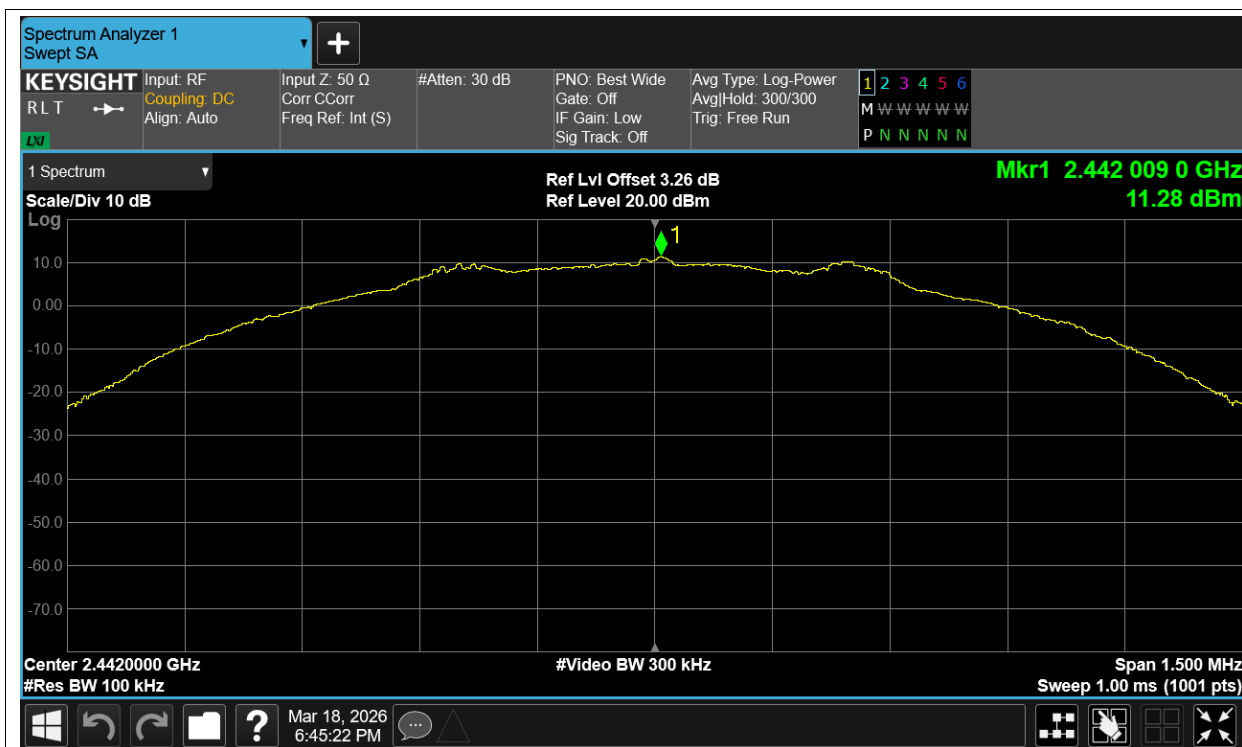
Band Edge NVNT BLE 2480MHz Ant1 Emission



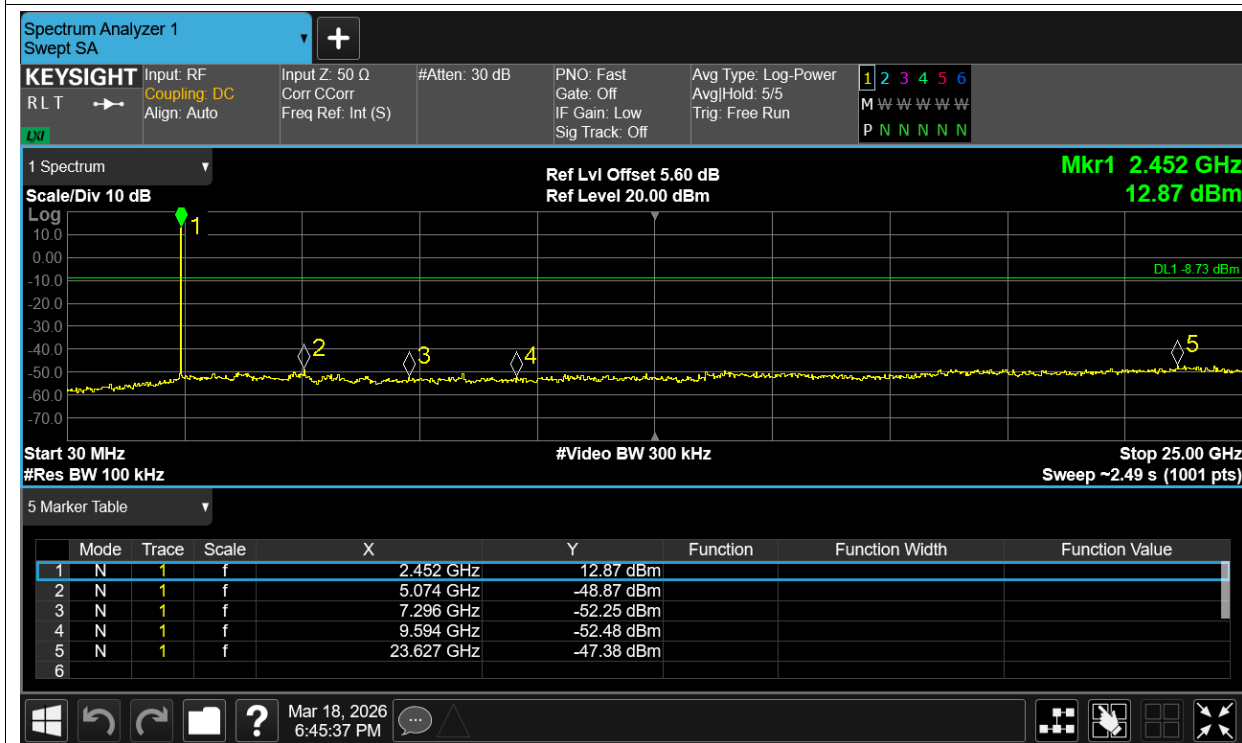
## Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -59.25          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -58.66          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -57.11          | -20         | Pass    |

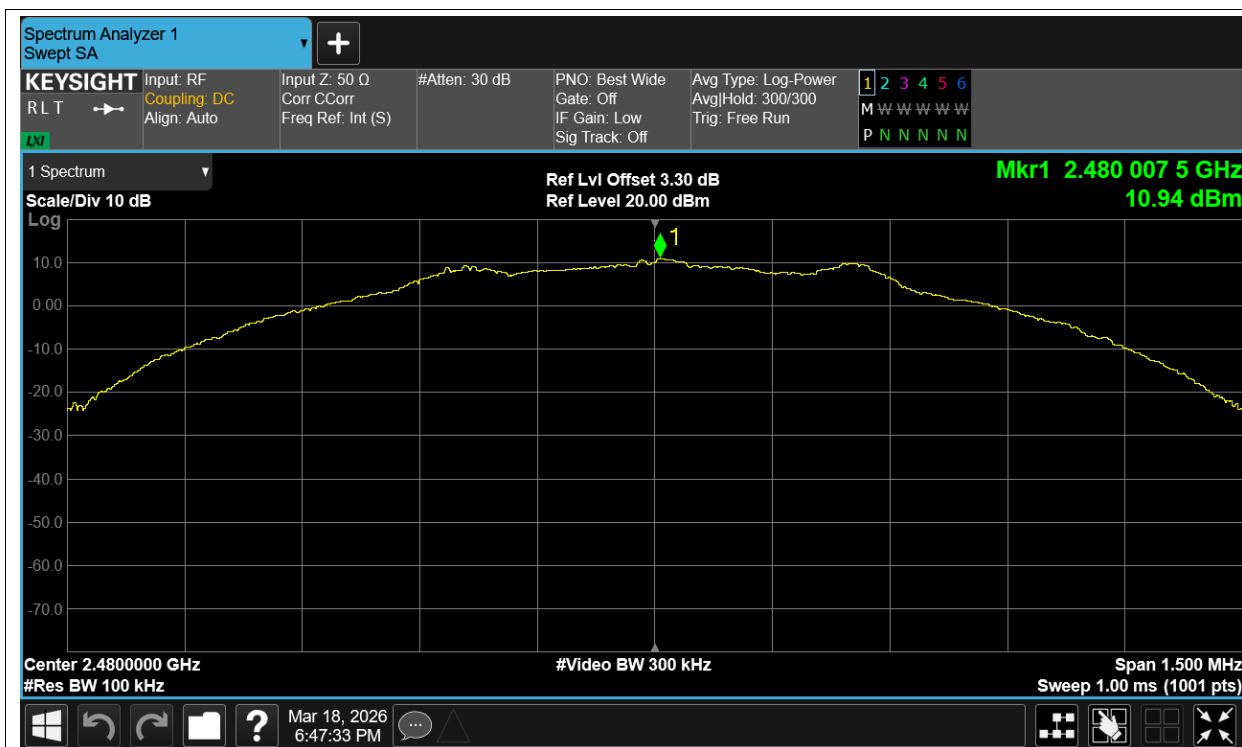




Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

