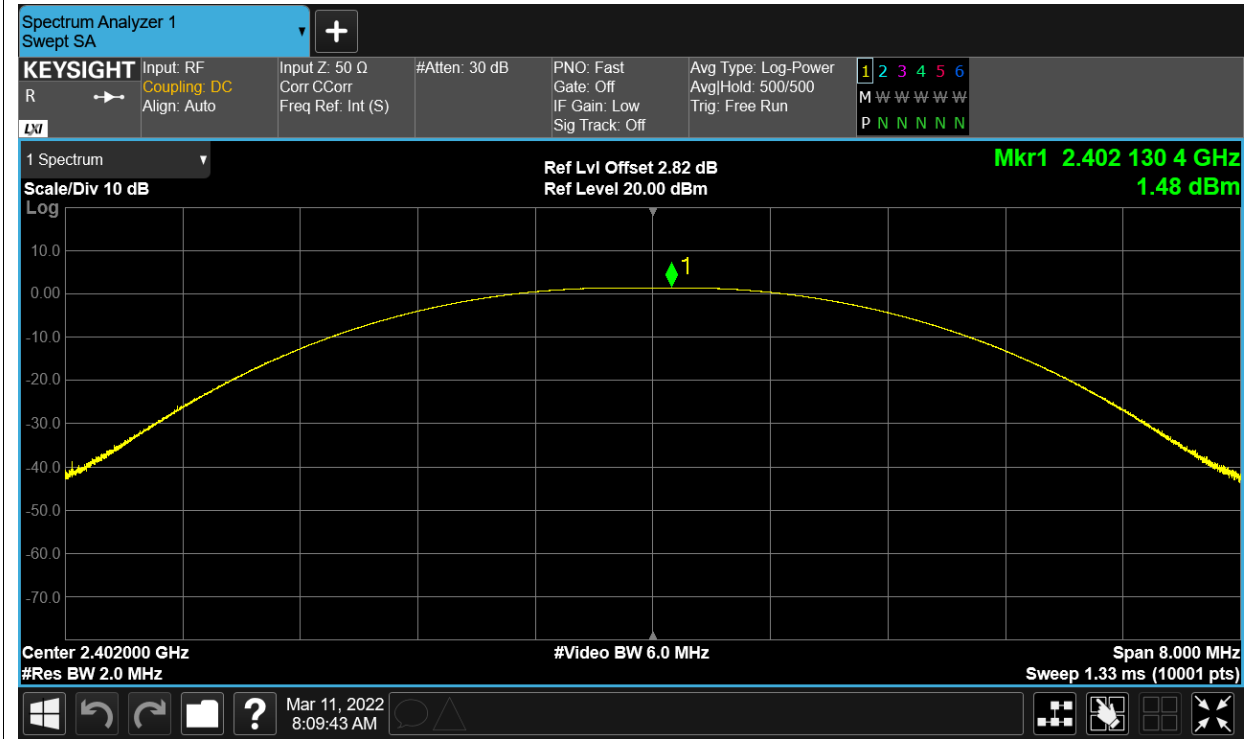


**Test Data****Maximum Conducted Output Power**

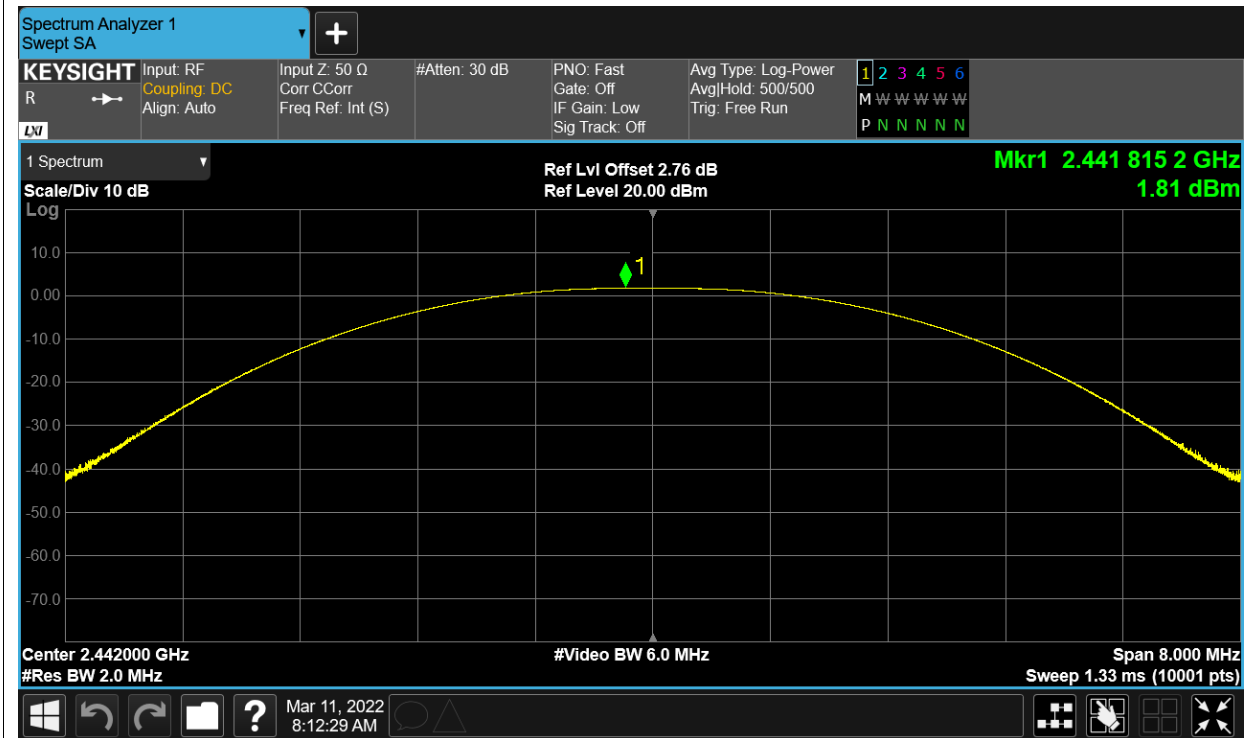
| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Power (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-------------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | 1.485                 | 0                | 1.485             | 30          | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | 1.813                 | 0                | 1.813             | 30          | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | 0.926                 | 0                | 0.926             | 30          | Pass    |

Test Graphs

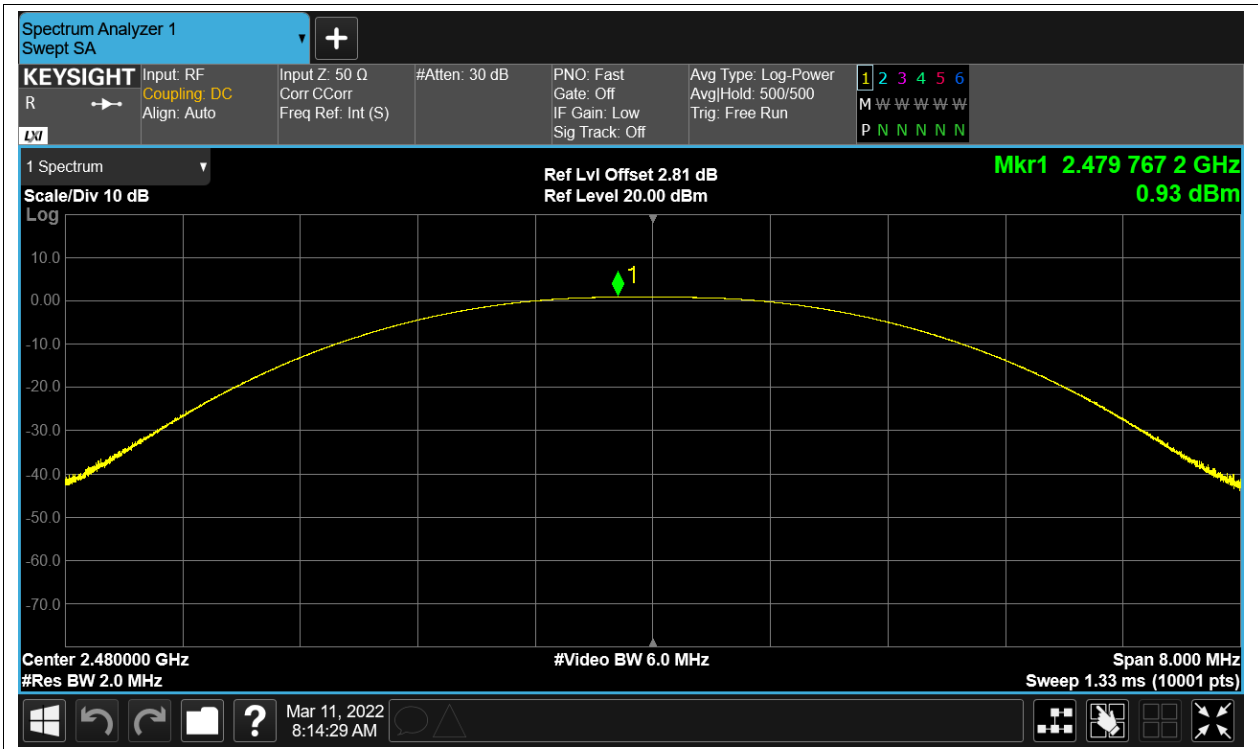
Power NVNT BLE 2402MHz Ant1



Power NVNT BLE 2442MHz Ant1



Power NVNT BLE 2480MHz Ant1

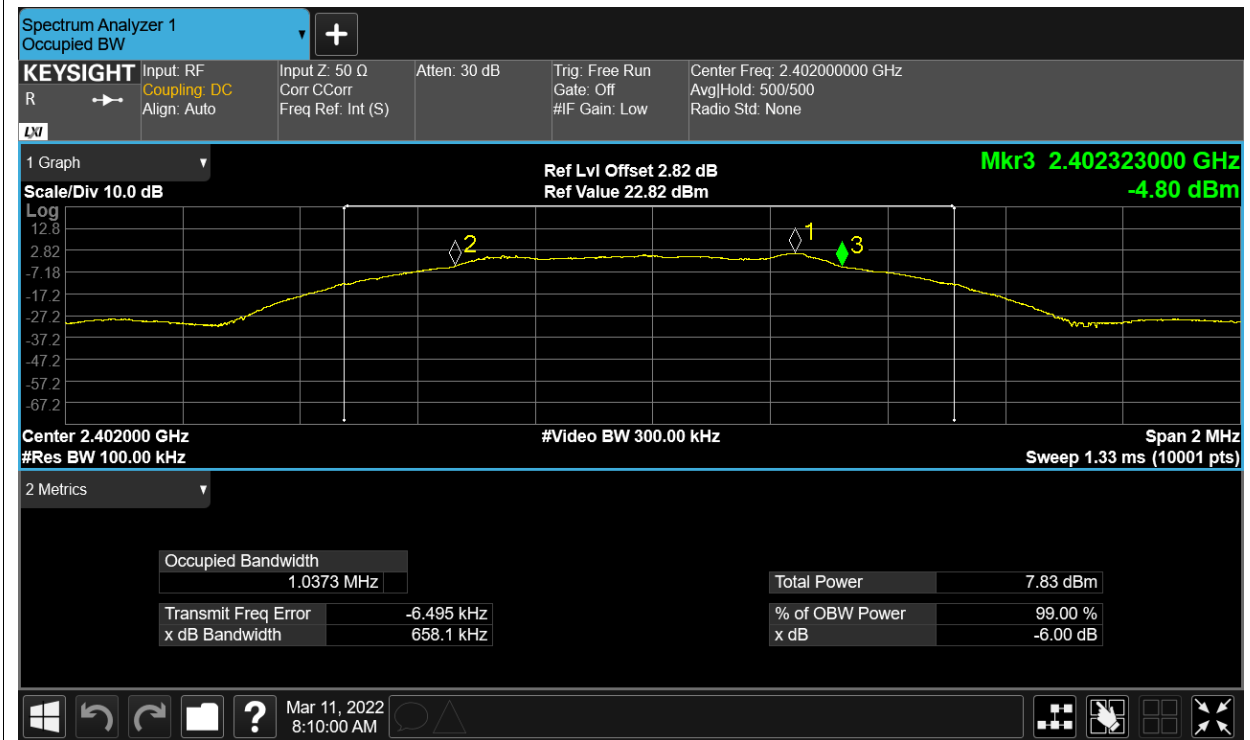


## -6dB Bandwidth

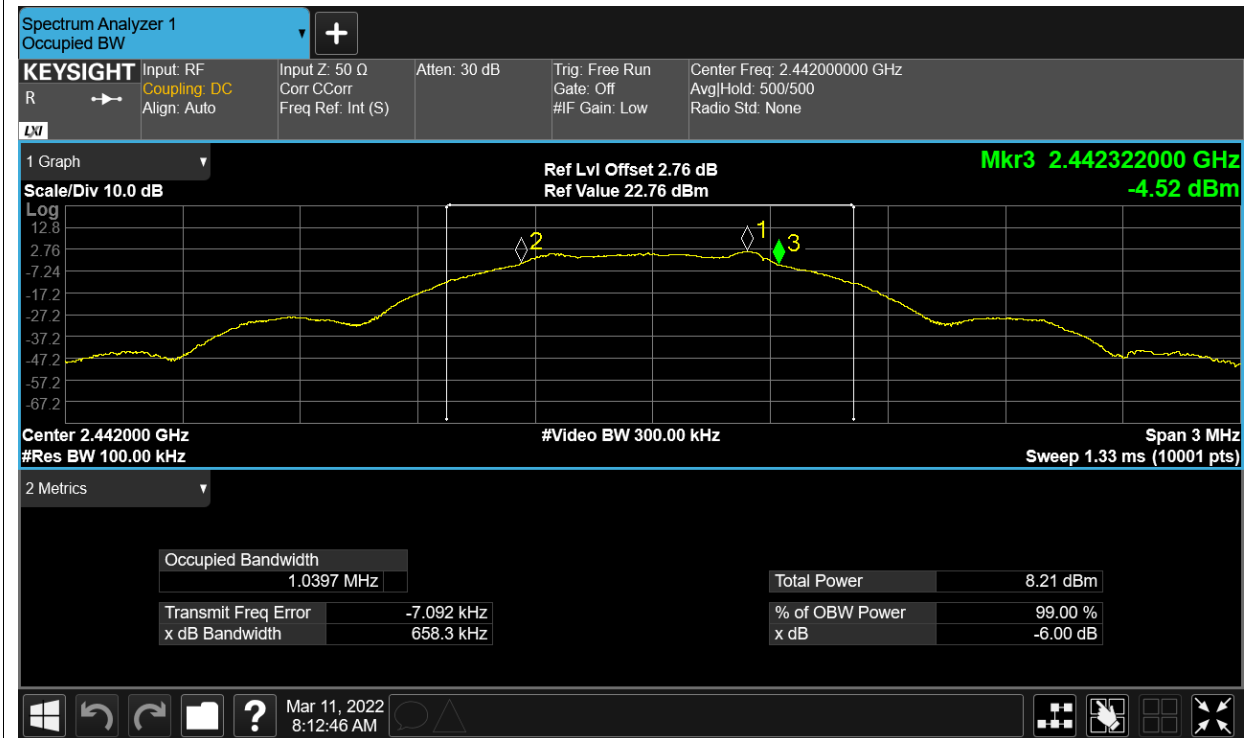
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | 0.658                 | 0.5                         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | 0.658                 | 0.5                         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | 0.663                 | 0.5                         | Pass    |

Test Graphs

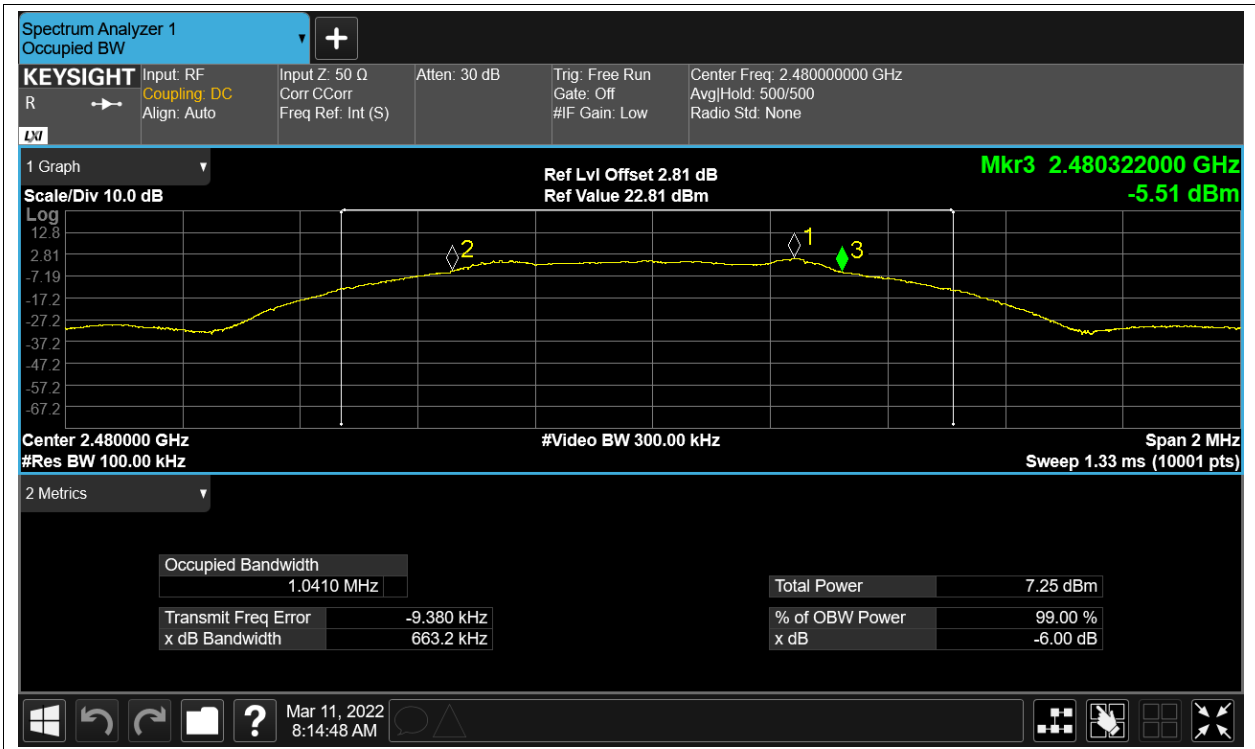
-6dB Bandwidth NVNT BLE 2402MHz Ant1



-6dB Bandwidth NVNT BLE 2442MHz Ant1



-6dB Bandwidth NVNT BLE 2480MHz Ant1



## Occupied Channel Bandwidth

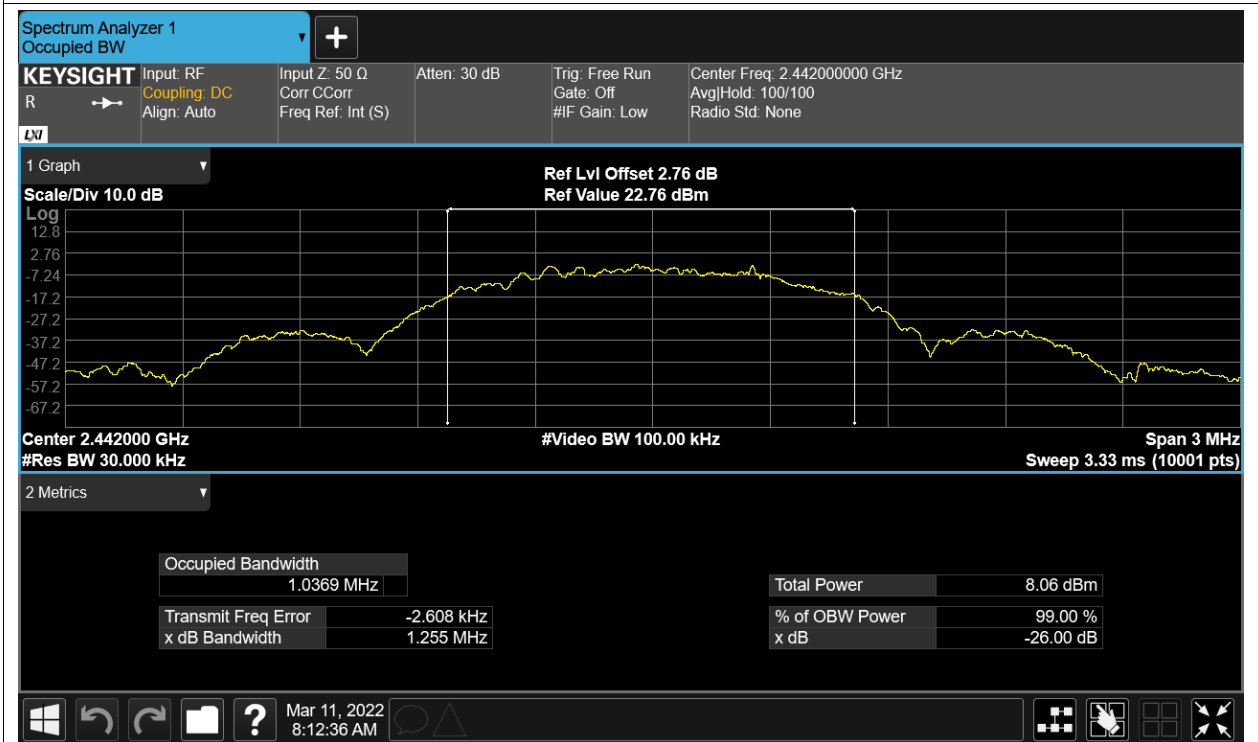
| Condition | Mode | Frequency (MHz) | Antenna | 99% OBW (MHz) |
|-----------|------|-----------------|---------|---------------|
| NVNT      | BLE  | 2402            | Ant1    | 1.037905834   |
| NVNT      | BLE  | 2442            | Ant1    | 1.036942899   |
| NVNT      | BLE  | 2480            | Ant1    | 1.034021979   |

Test Graphs

OBW NVNT BLE 2402MHz Ant1

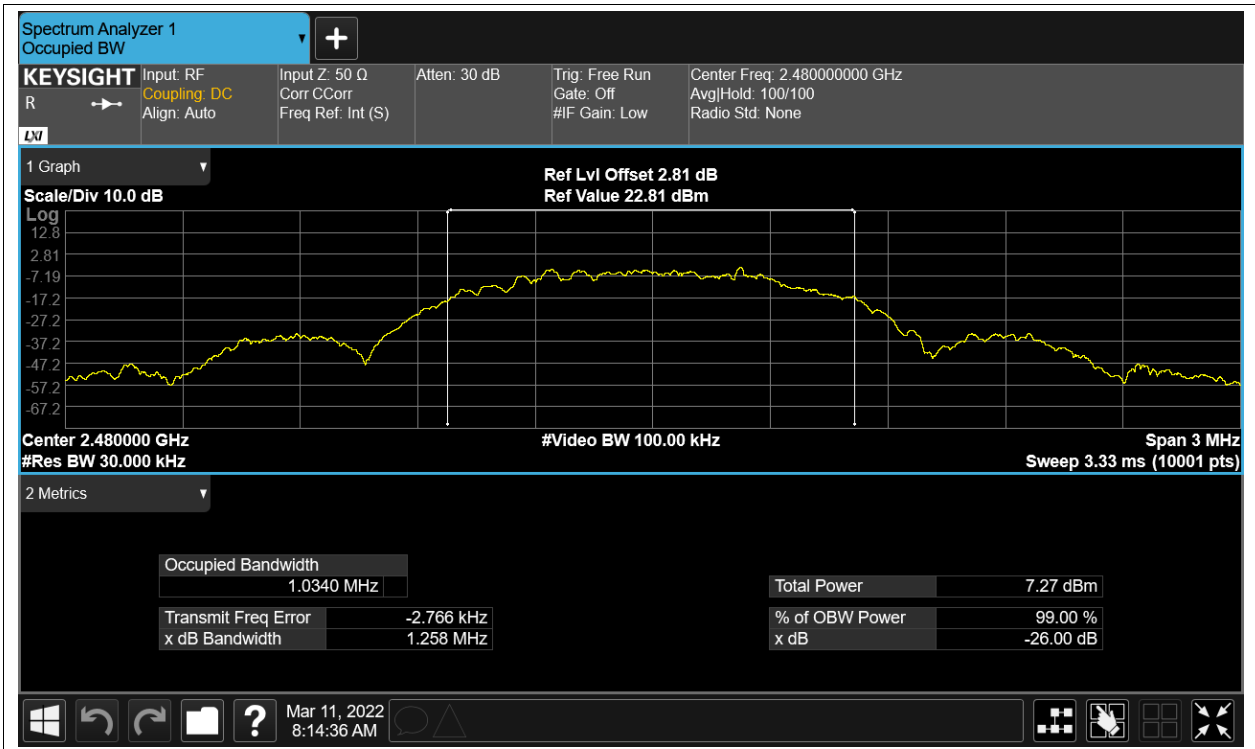


OBW NVNT BLE 2442MHz Ant1



OBW NVNT BLE 2480MHz Ant1



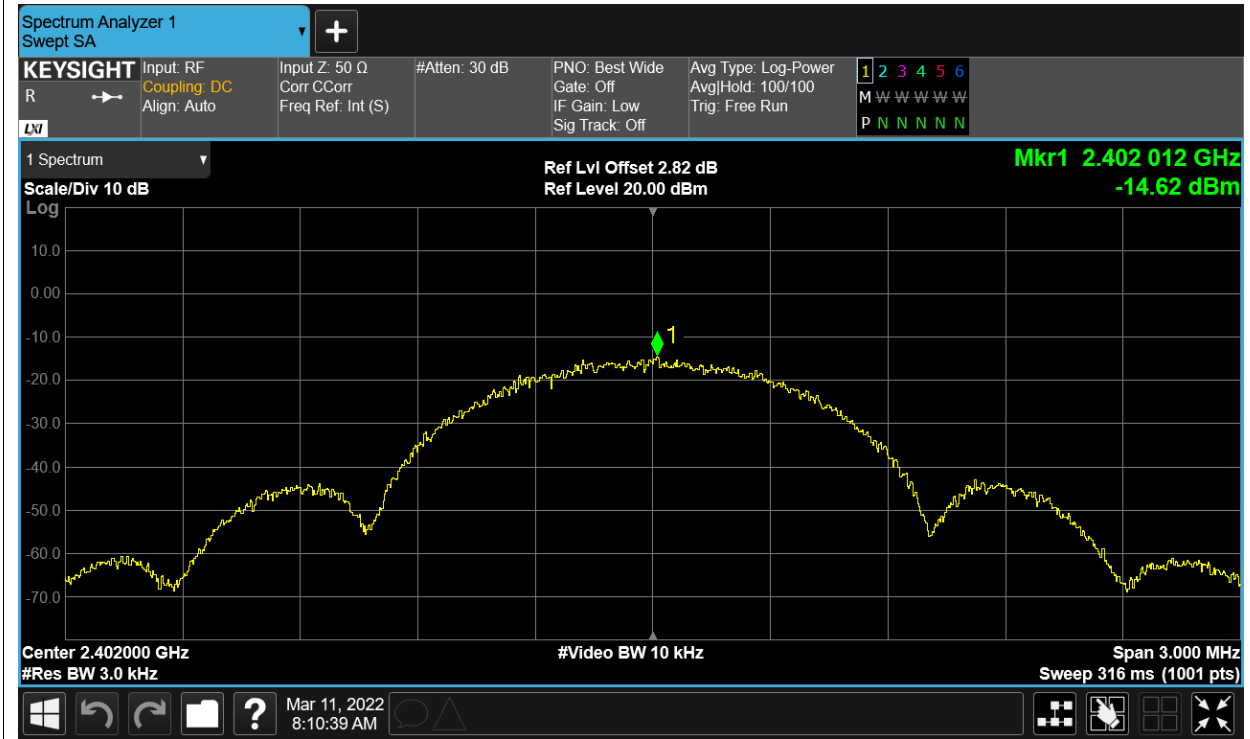


## Maximum Power Spectral Density Level

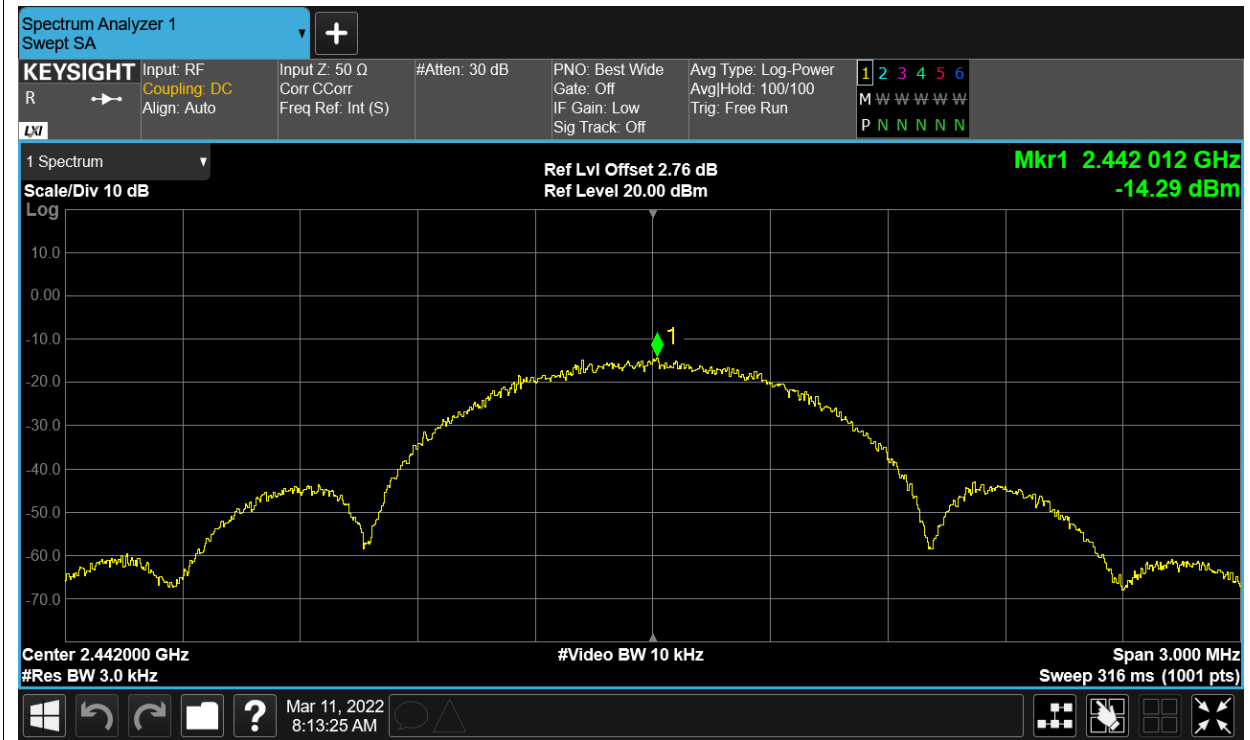
| Condition | Mode | Frequency (MHz) | Antenna | Max PSD (dBm) | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|---------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -14.615       | 8           | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -14.287       | 8           | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -15.345       | 8           | Pass    |

Test Graphs

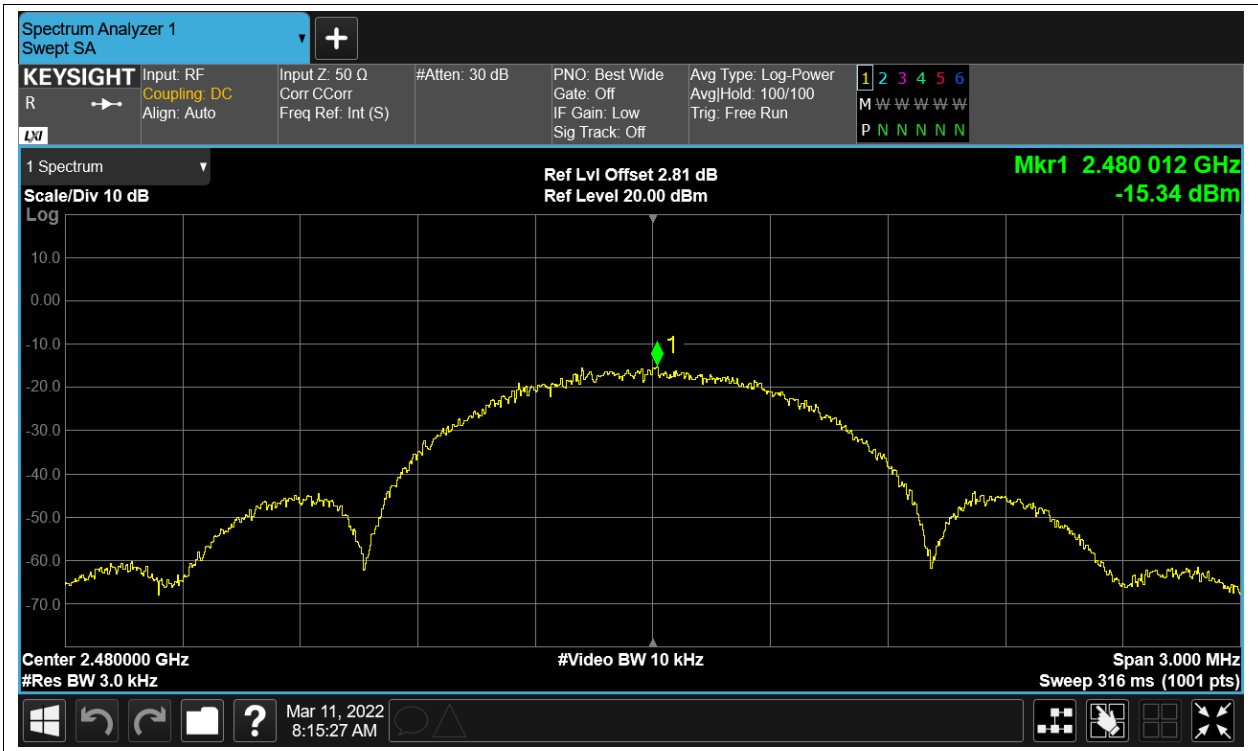
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2442MHz Ant1



PSD NVNT BLE 2480MHz Ant1

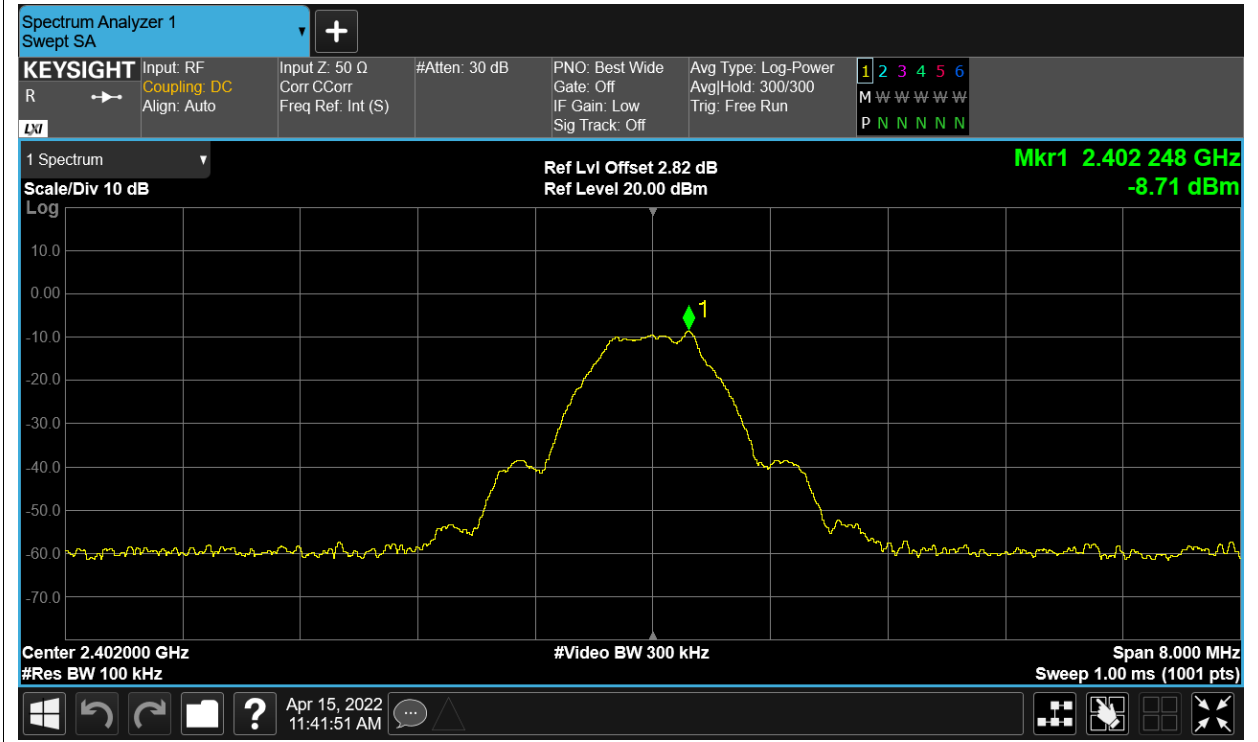


## Band Edge

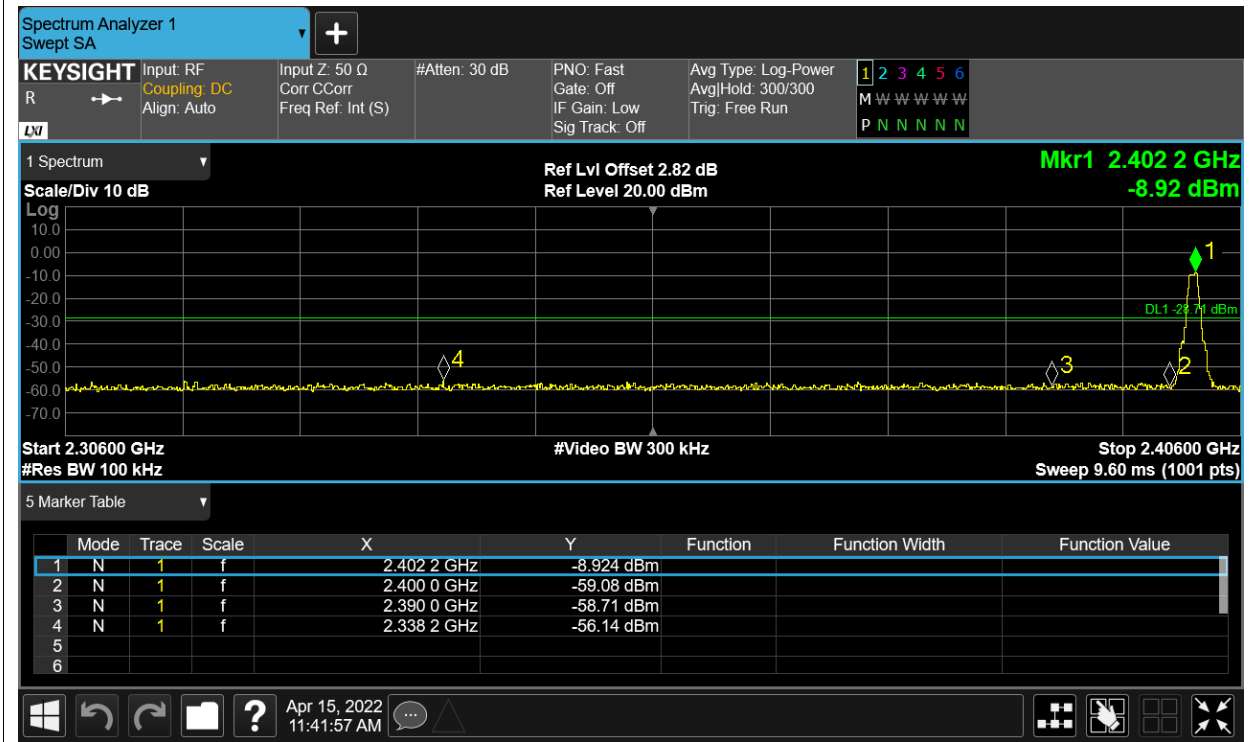
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -47.42          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -56.82          | -20         | Pass    |

Test Graphs

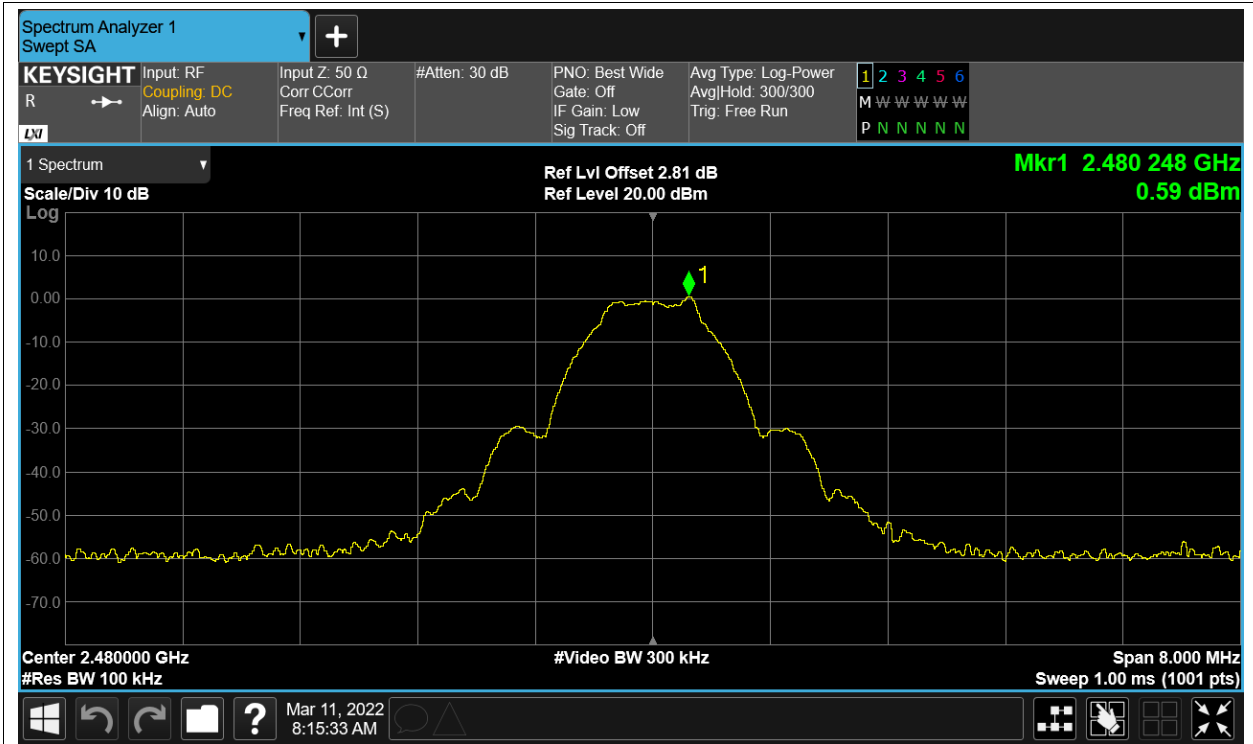
Band Edge NVNT BLE 2402MHz Ant1 Ref



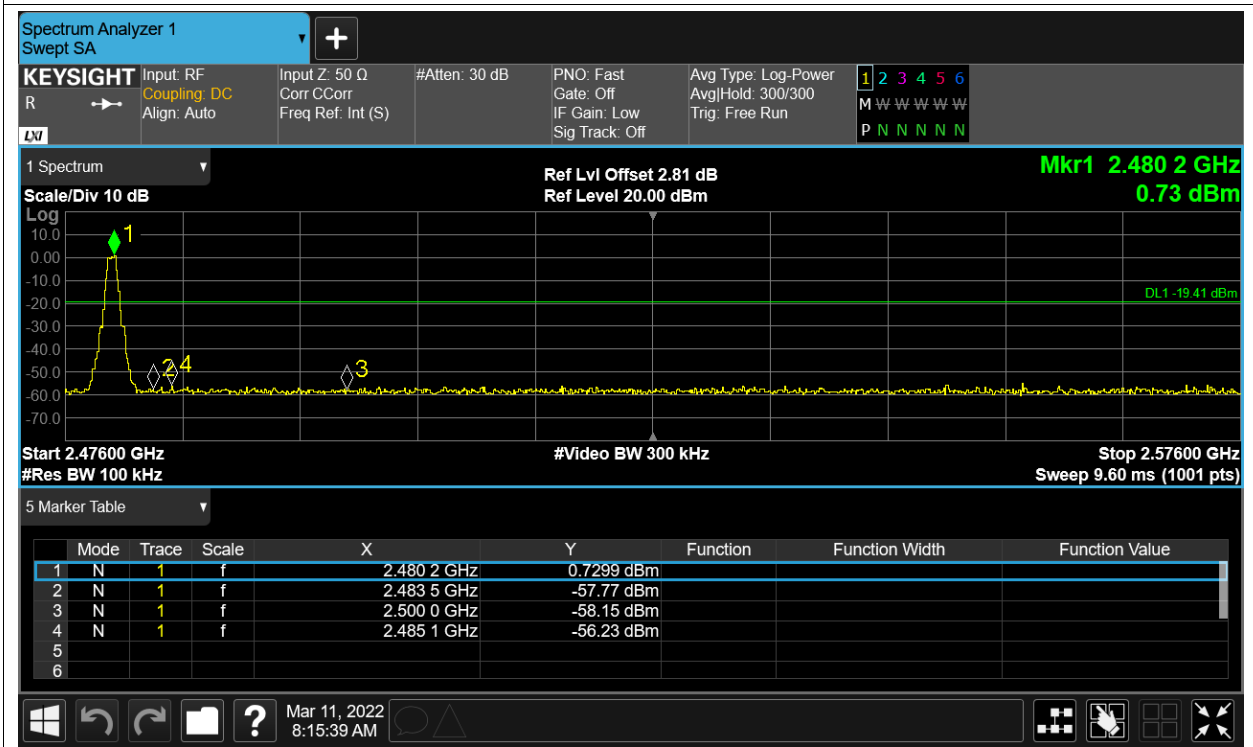
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission



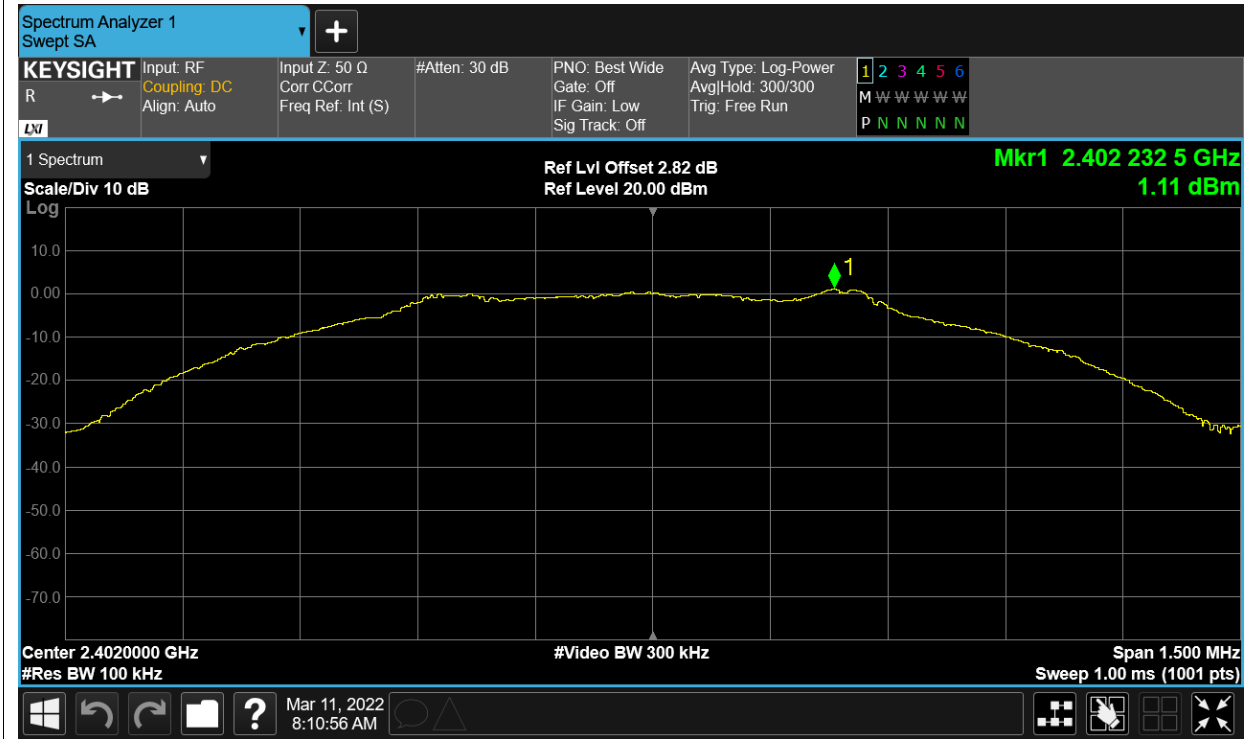
## Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | BLE  | 2402            | Ant1    | -51.17          | -20         | Pass    |
| NVNT      | BLE  | 2442            | Ant1    | -51.53          | -20         | Pass    |
| NVNT      | BLE  | 2480            | Ant1    | -50.2           | -20         | Pass    |

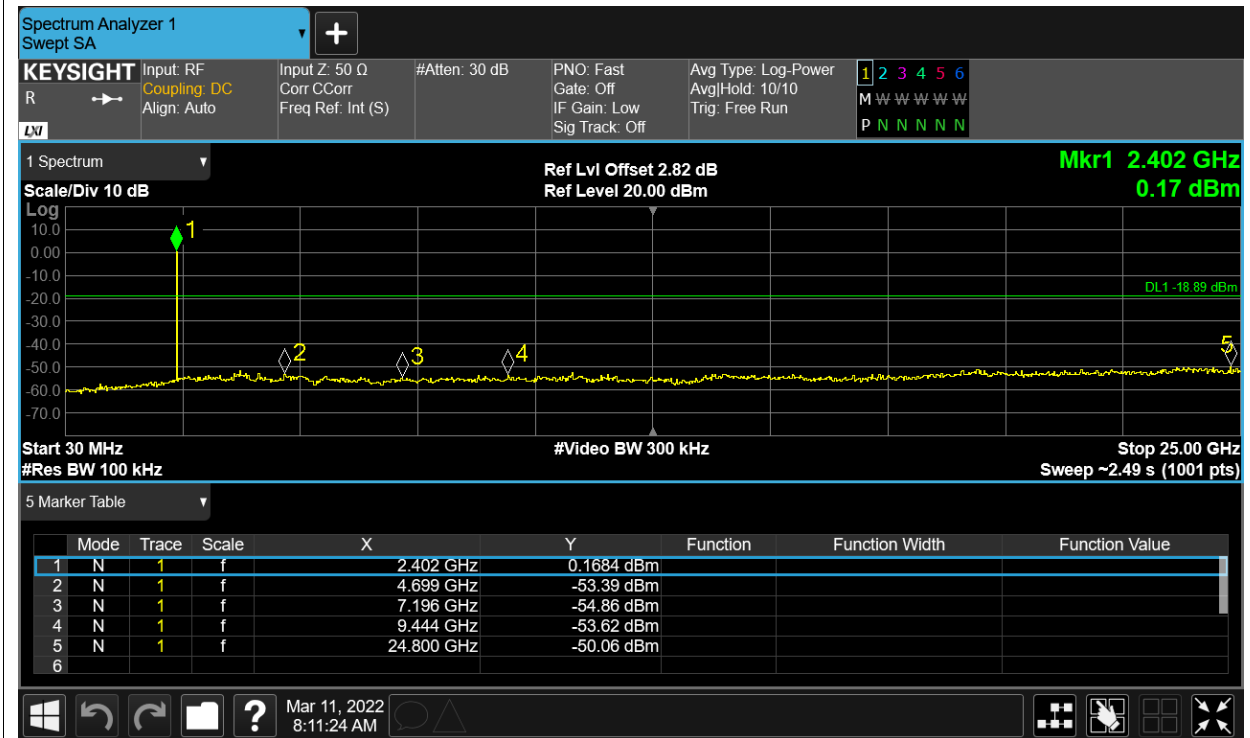


Test Graphs

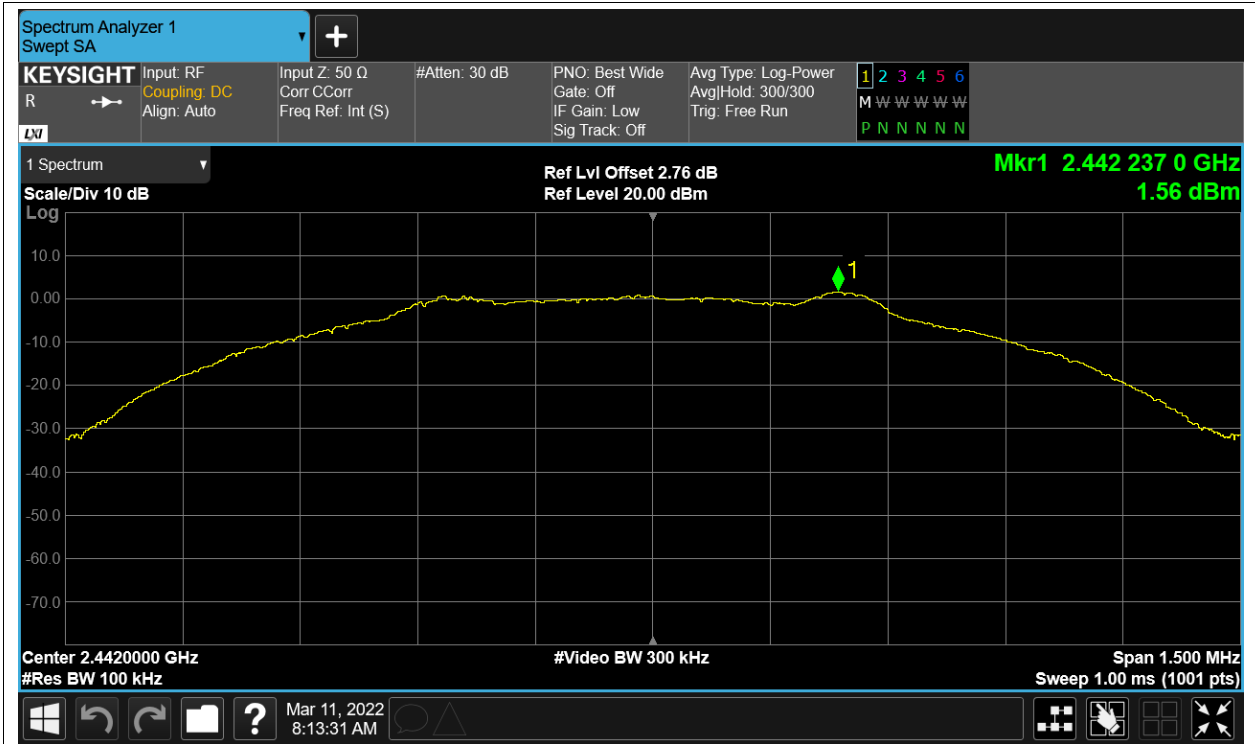
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



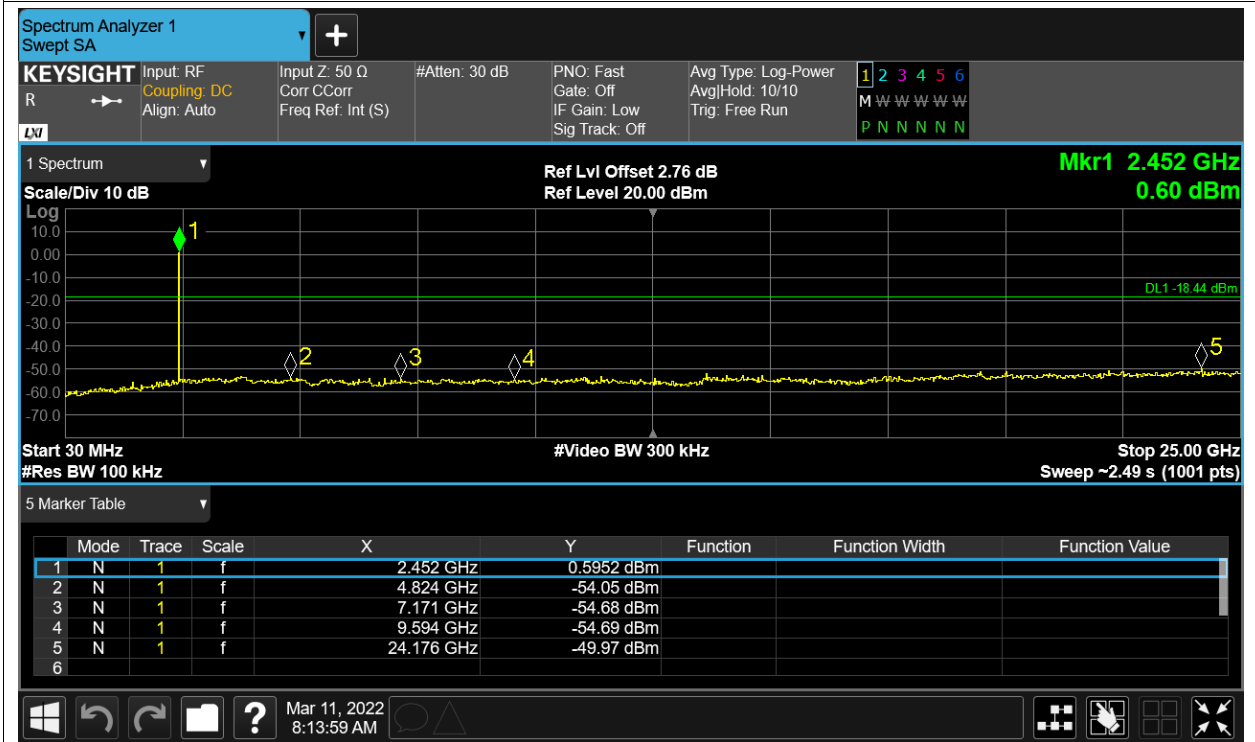
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



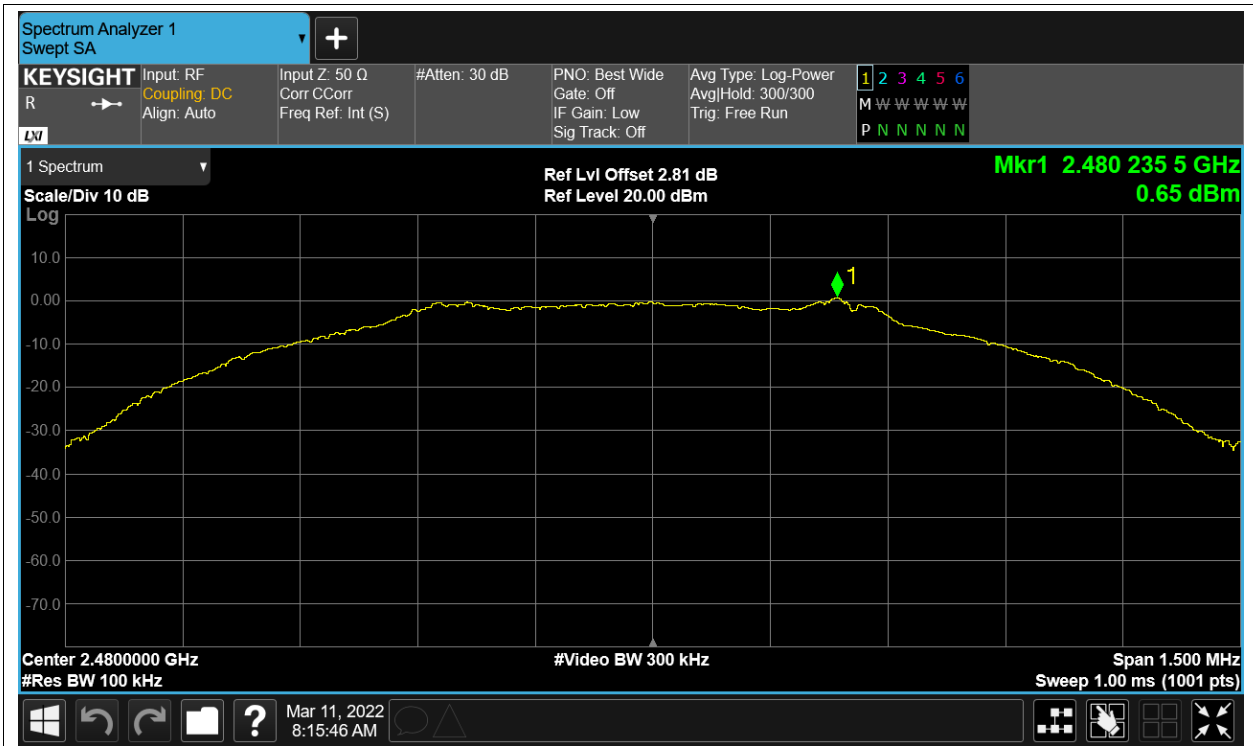
Tx. Spurious NVNT BLE 2442MHz Ant1 Ref



Tx. Spurious NVNT BLE 2442MHz Ant1 Emission



Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

