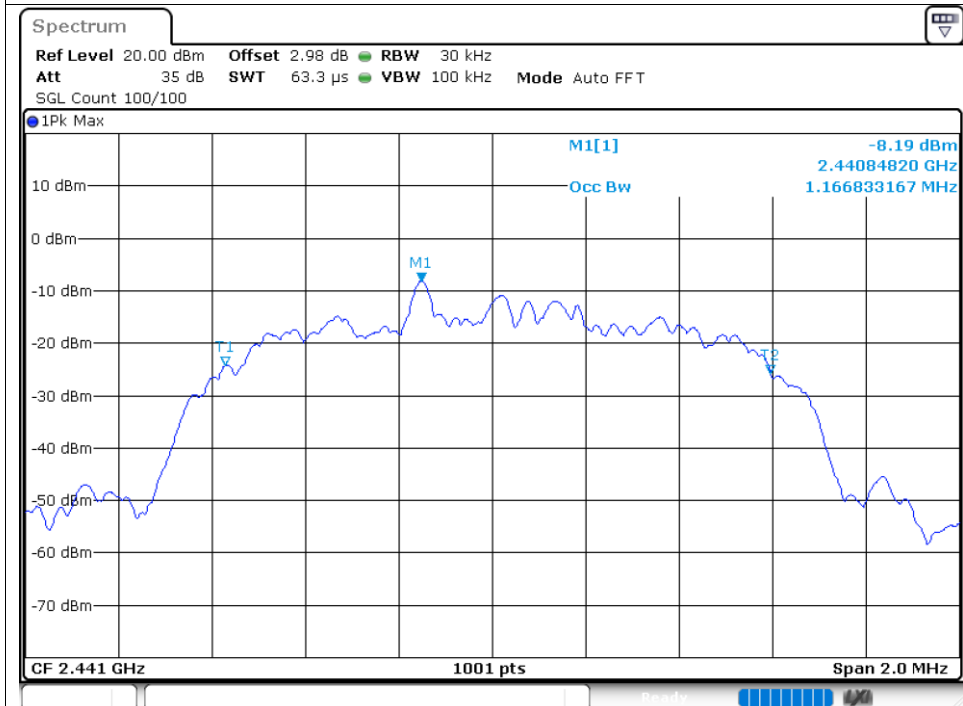
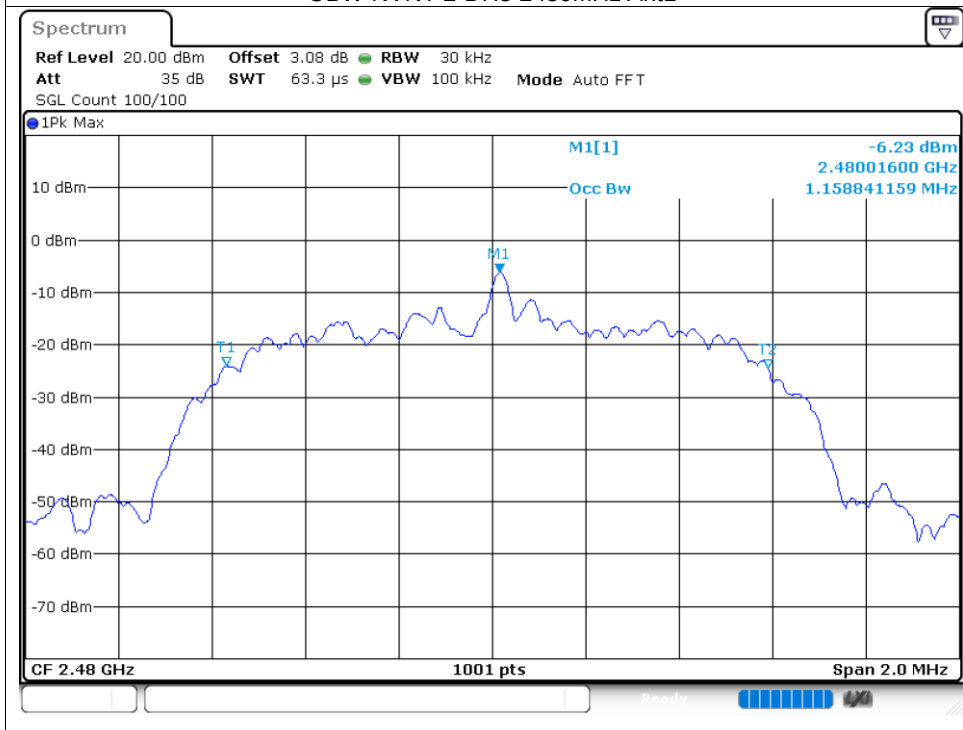


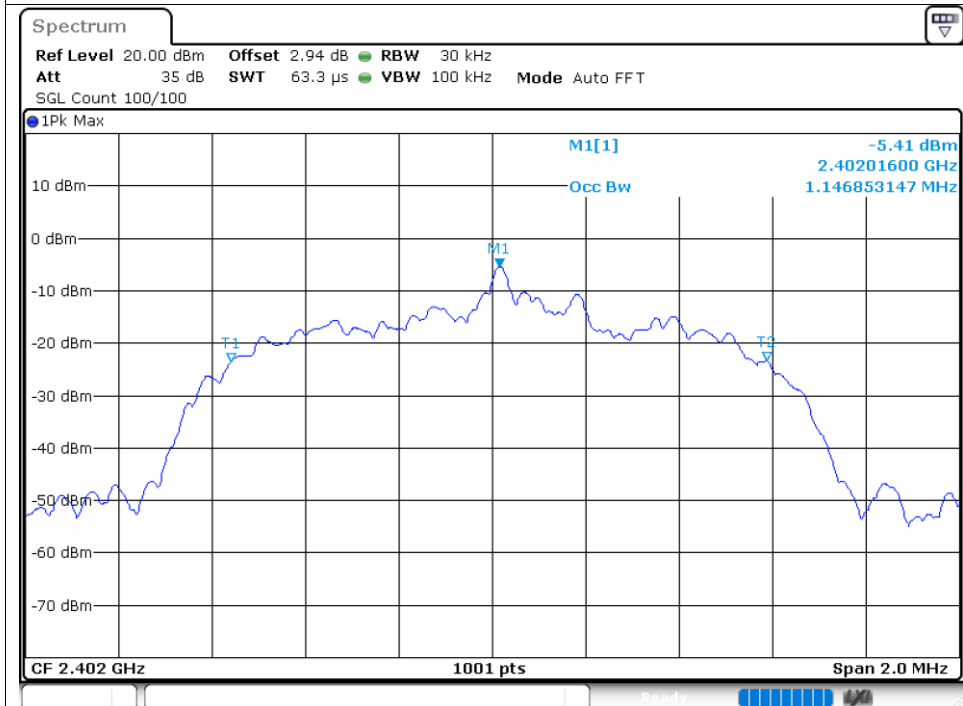
OBW NVNT 2-DH5 2441MHz Ant1



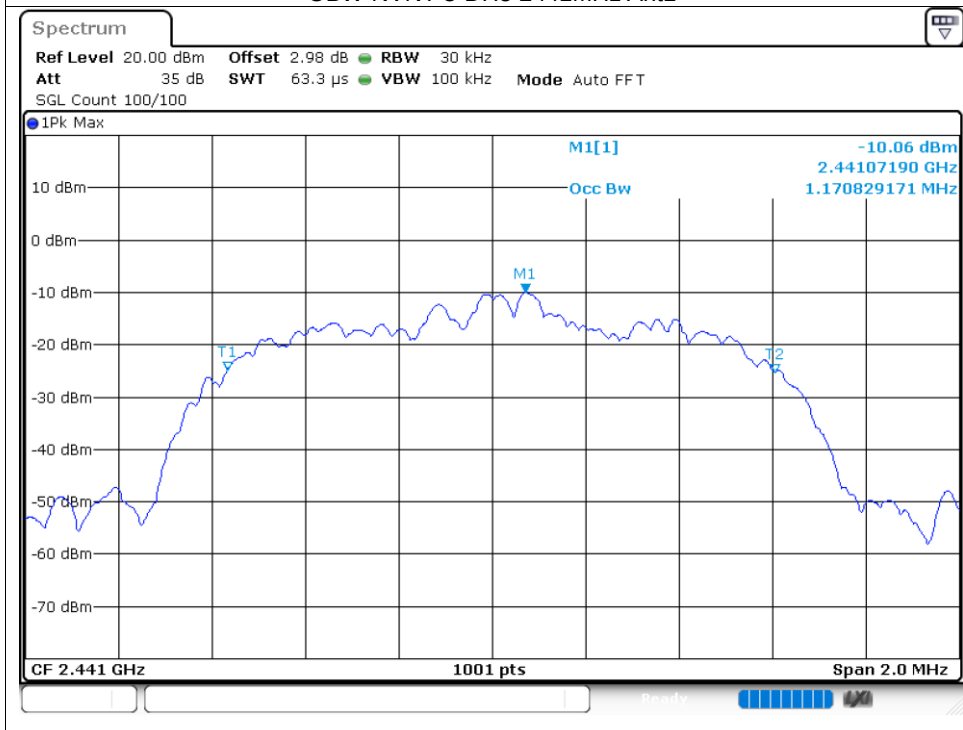
OBW NVNT 2-DH5 2480MHz Ant1

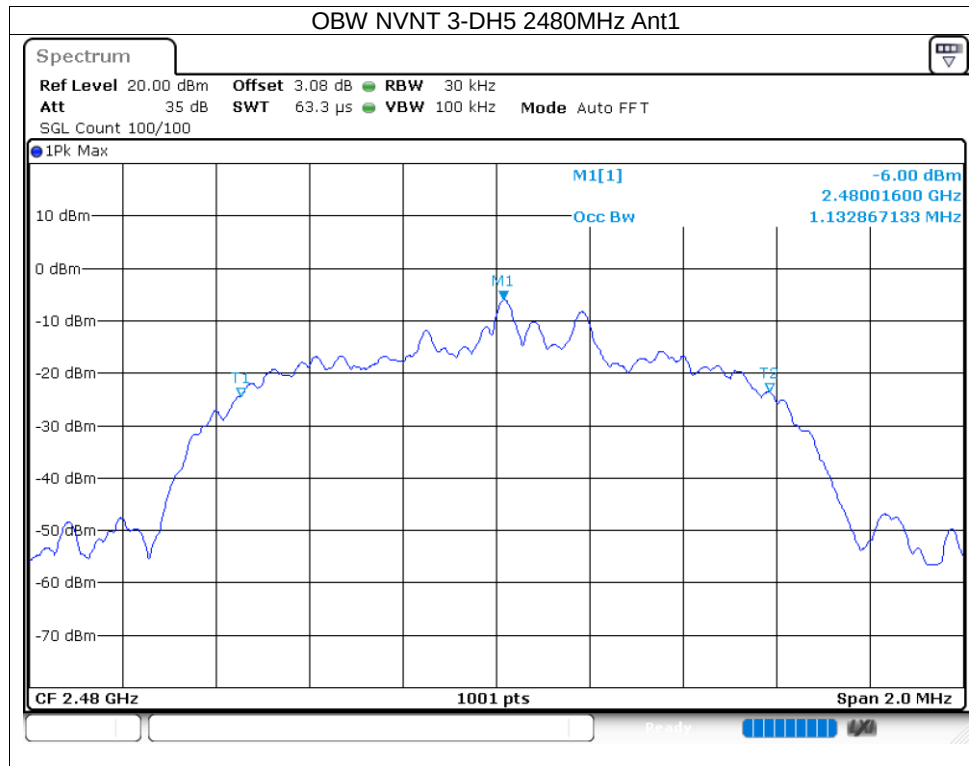


OBW NVNT 3-DH5 2402MHz Ant1



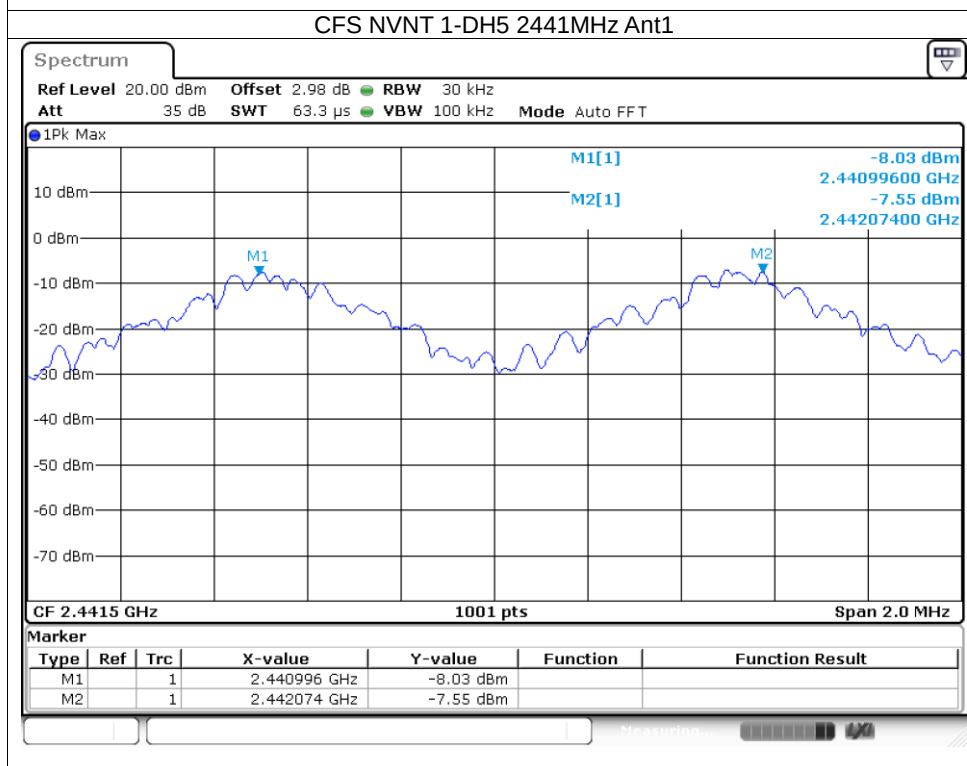
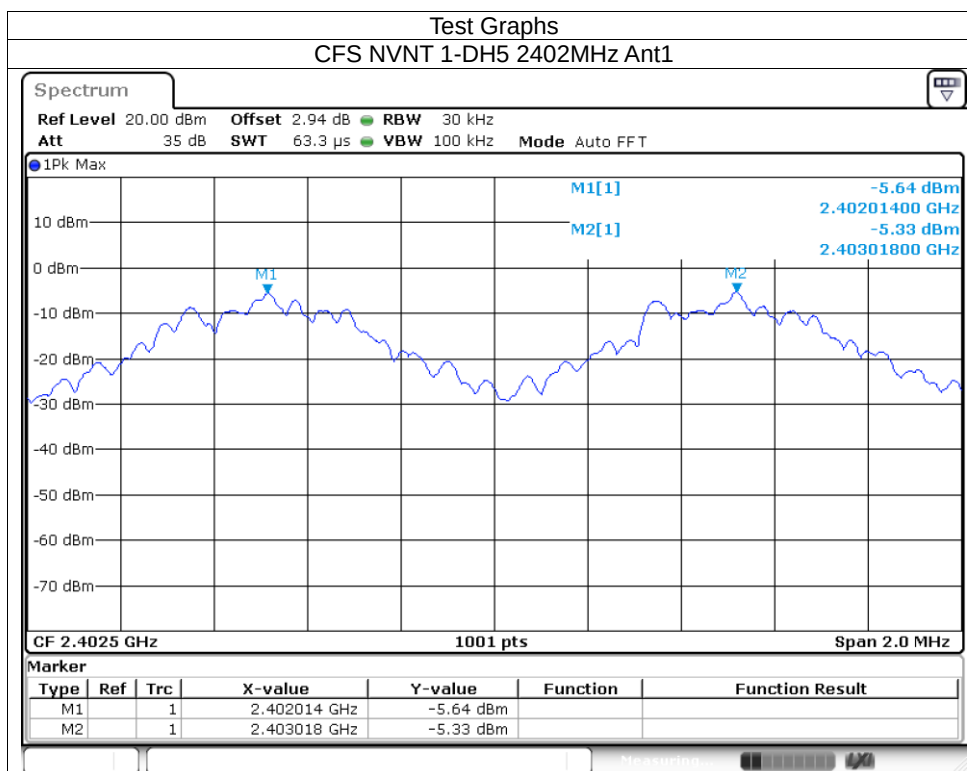
OBW NVNT 3-DH5 2441MHz Ant1

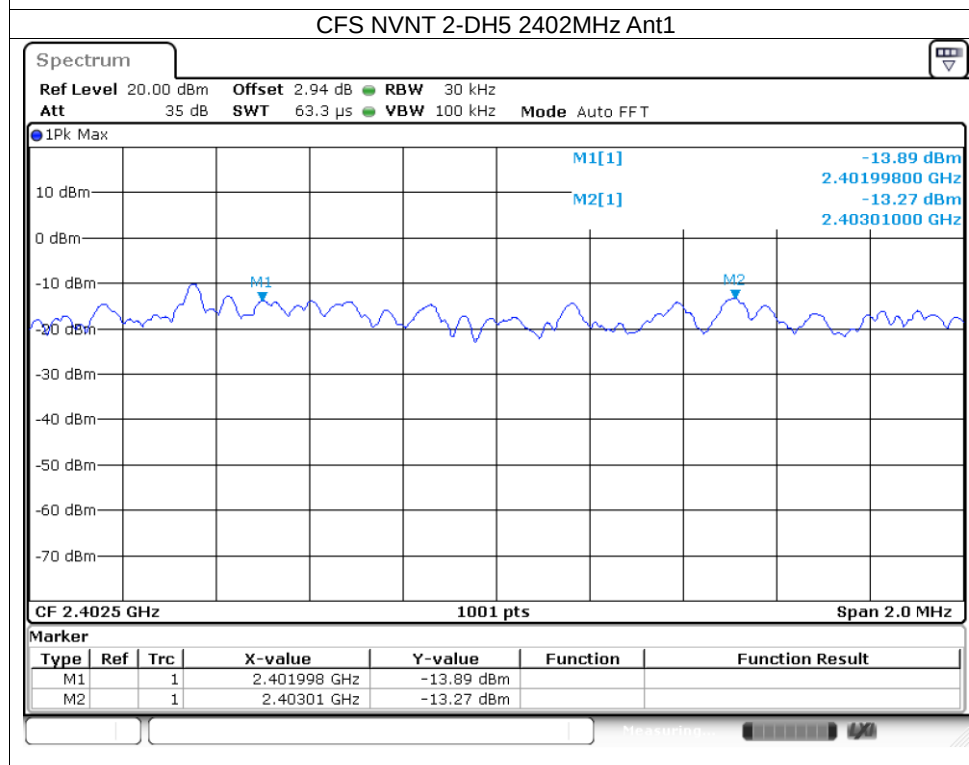
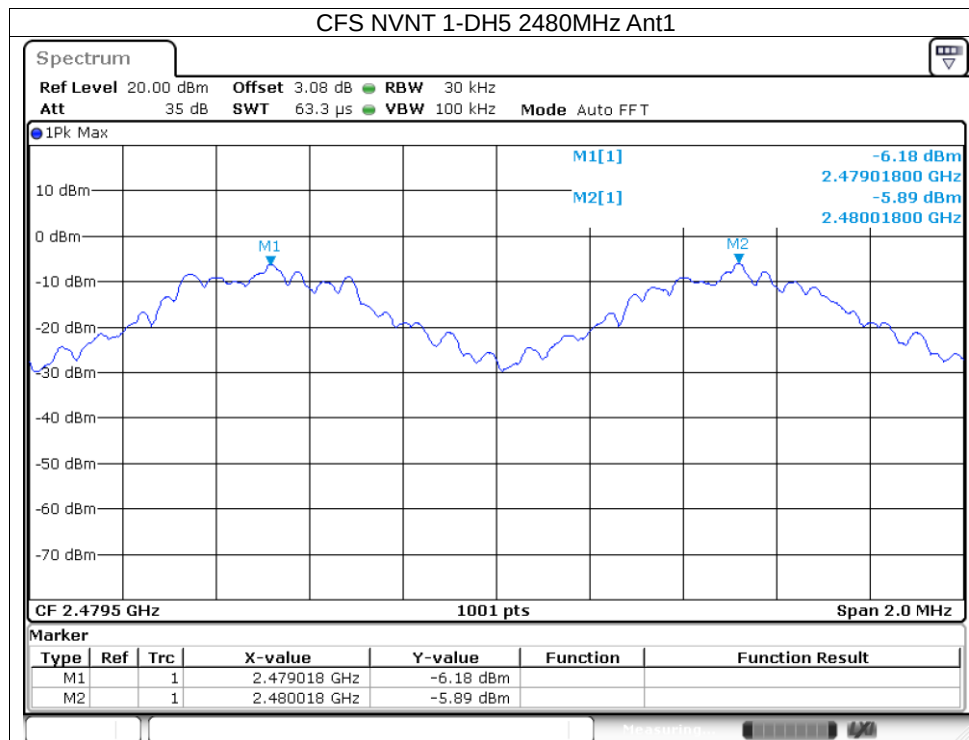


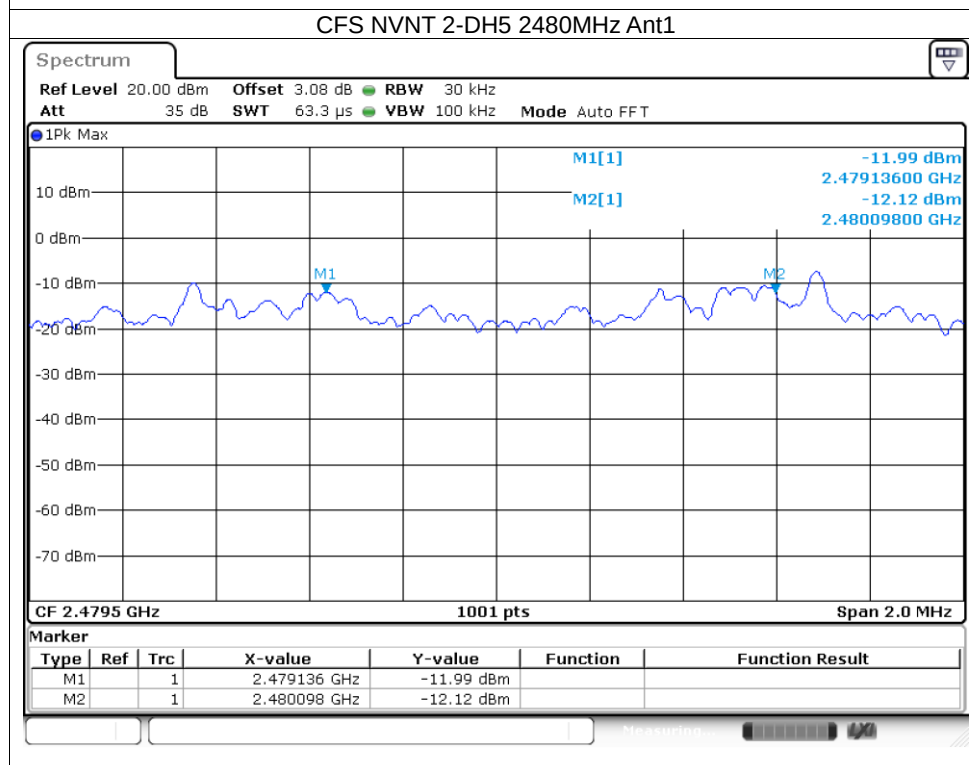
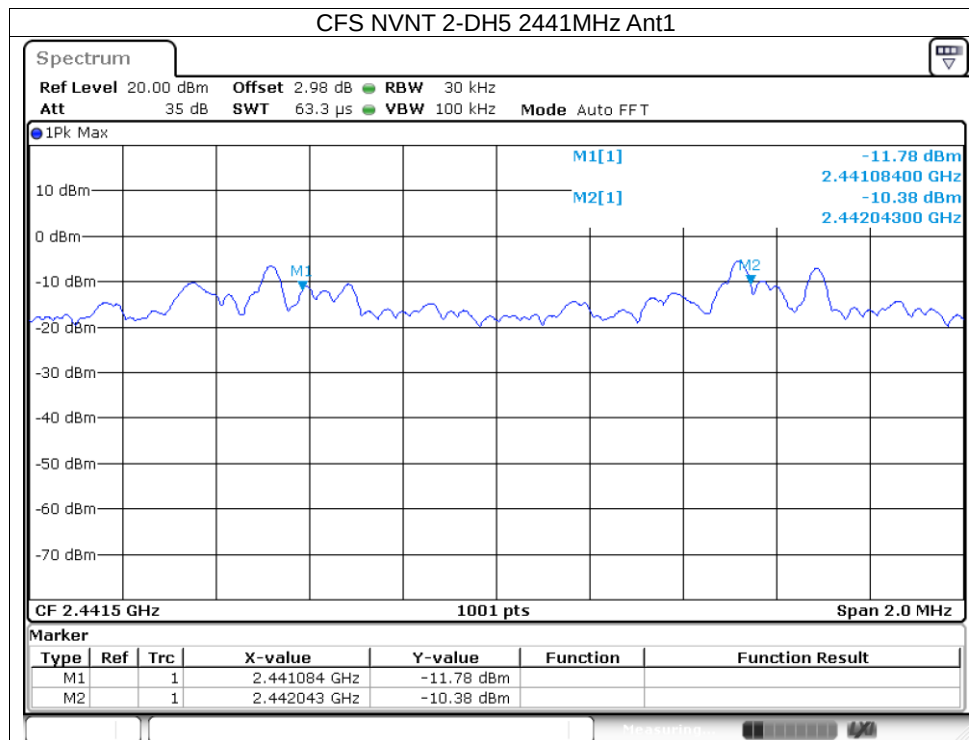


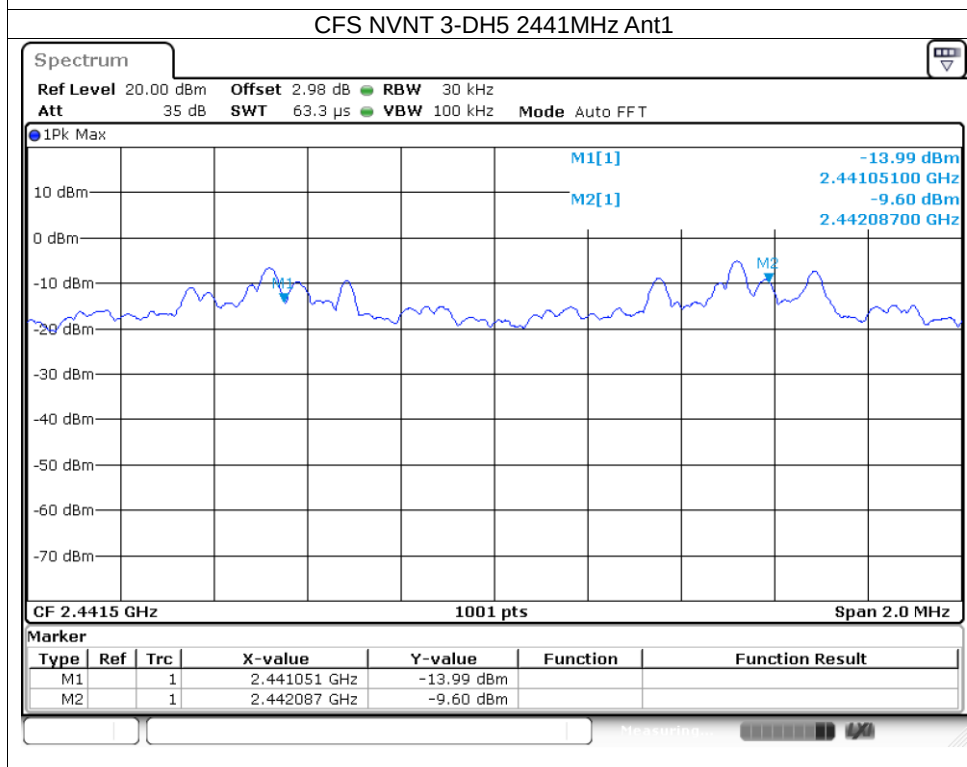
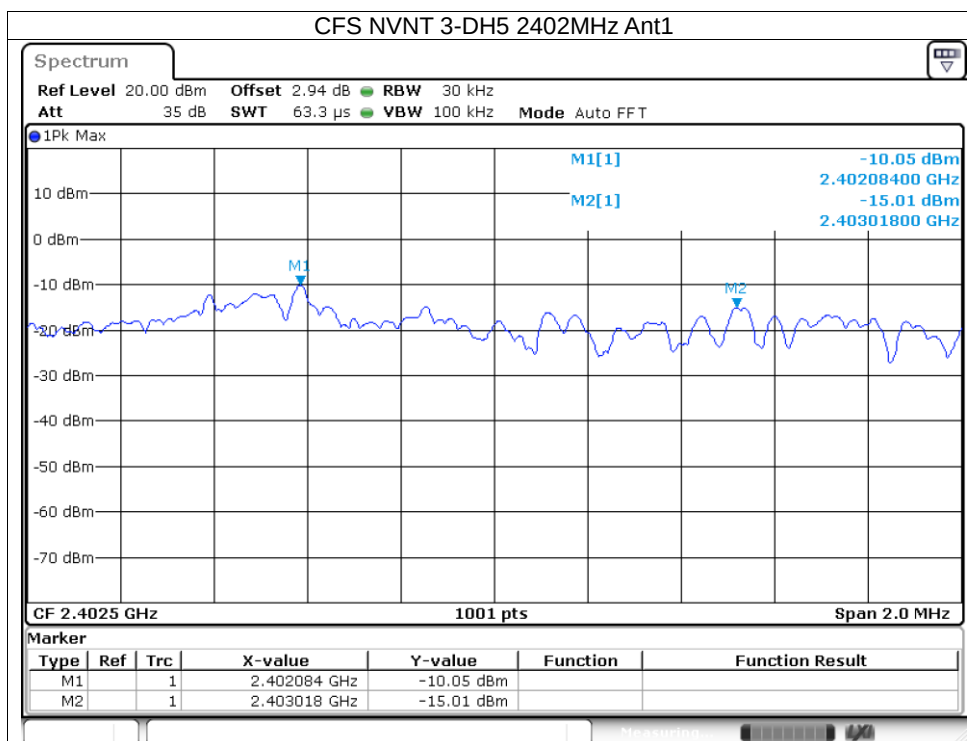
### 8.5 CARRIER FREQUENCIES SEPARATION

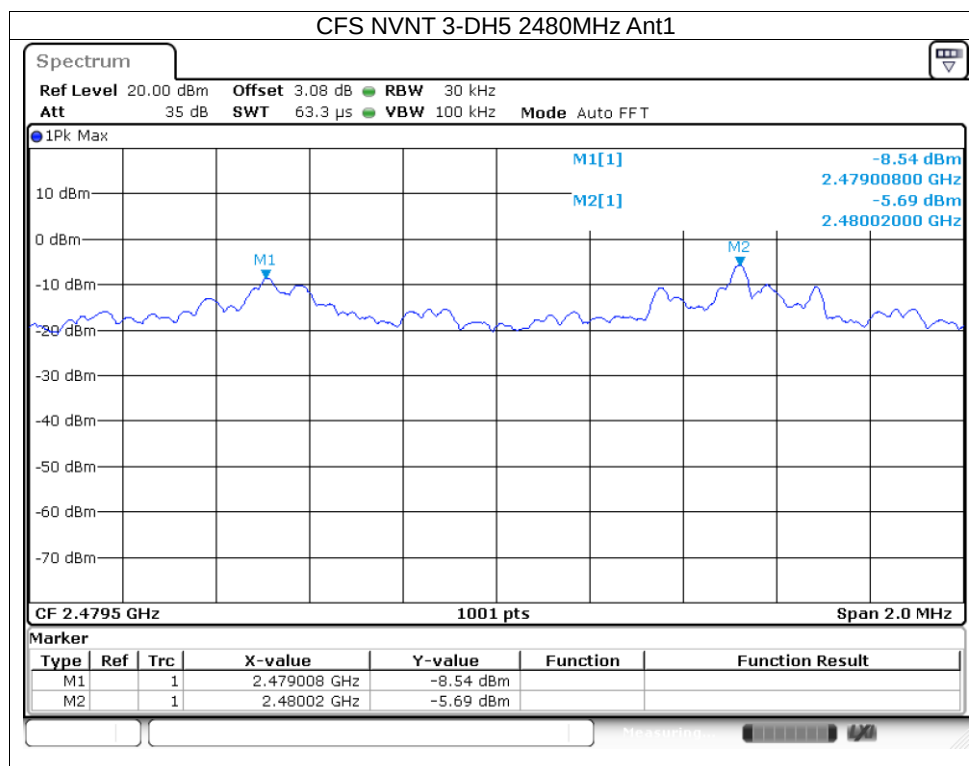
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2402.014            | 2403.018            | 1.004     | 0.623       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2440.996            | 2442.074            | 1.078     | 0.633       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2479.018            | 2480.018            | 1         | 0.623       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2401.998            | 2403.01             | 1.012     | 0.825       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2441.084            | 2442.043            | 0.959     | 0.815       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2479.136            | 2480.098            | 0.962     | 0.787       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2402.084            | 2403.018            | 0.934     | 0.851       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2441.051            | 2442.087            | 1.036     | 0.84        | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2479.008            | 2480.02             | 1.012     | 0.864       | Pass    |





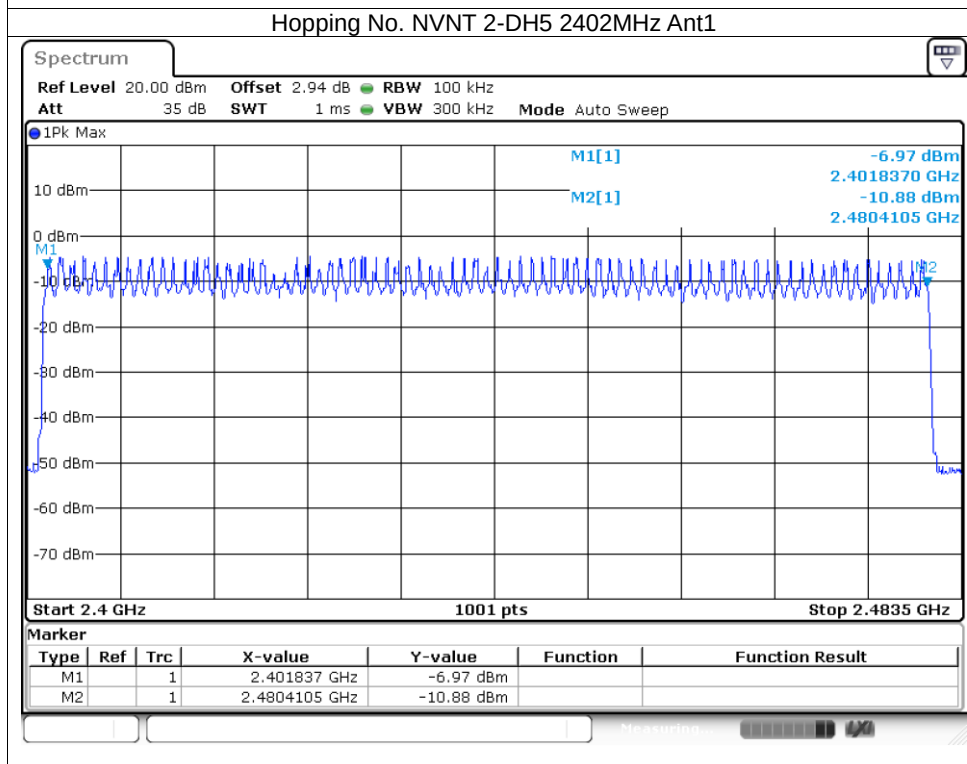
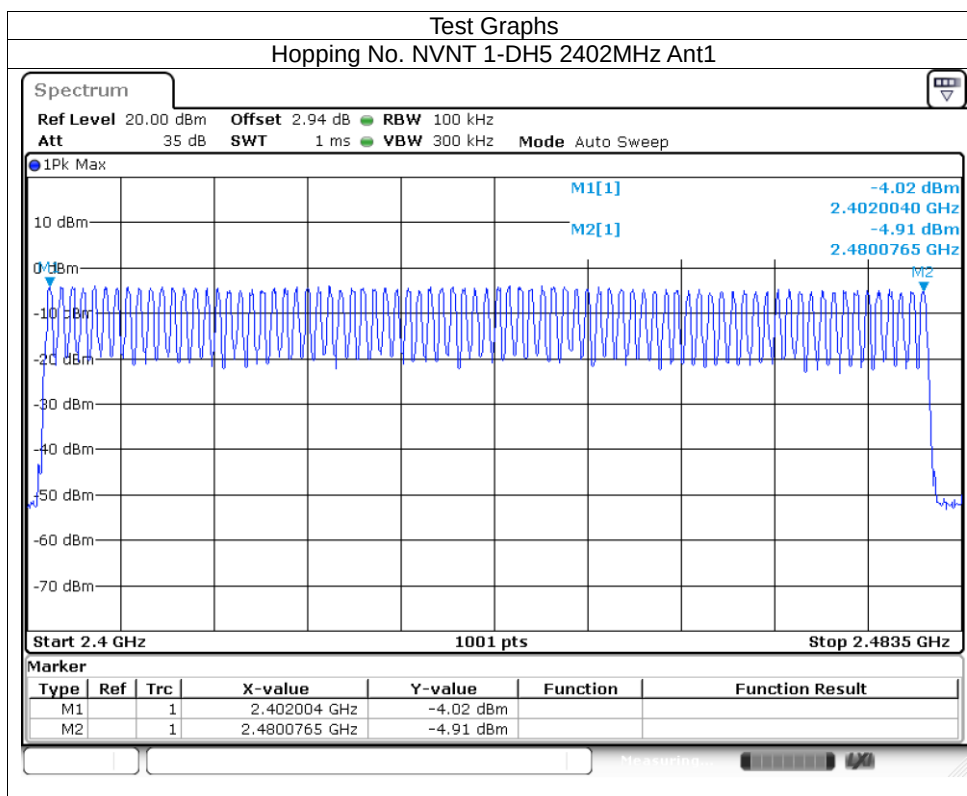


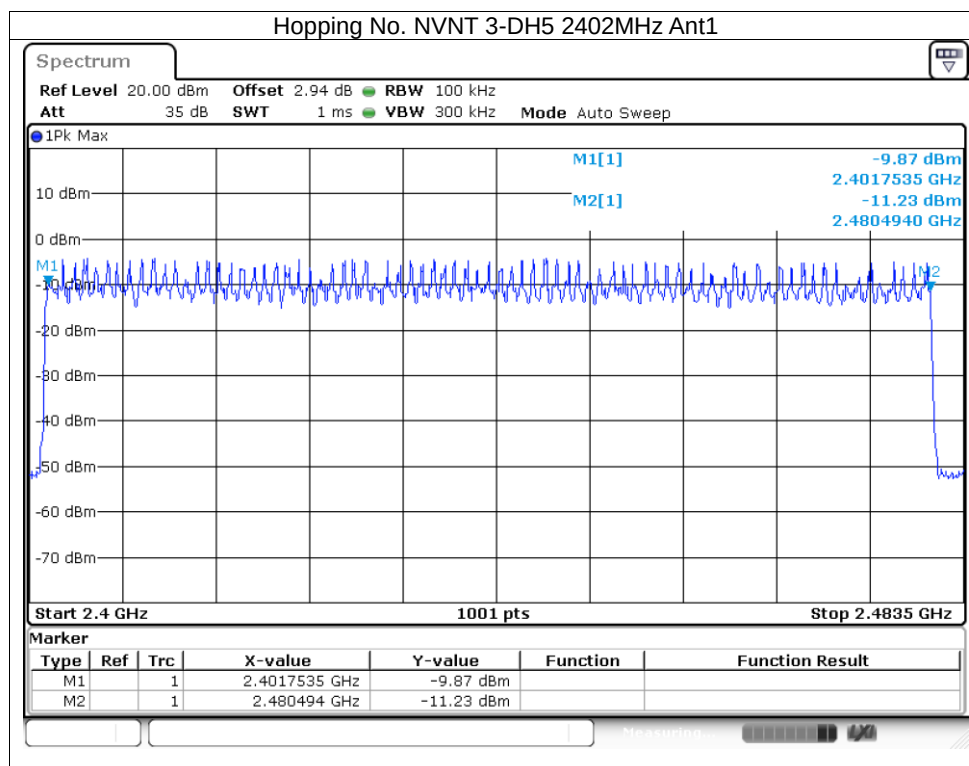




### 8.6 NUMBER OF HOPPING CHANNEL

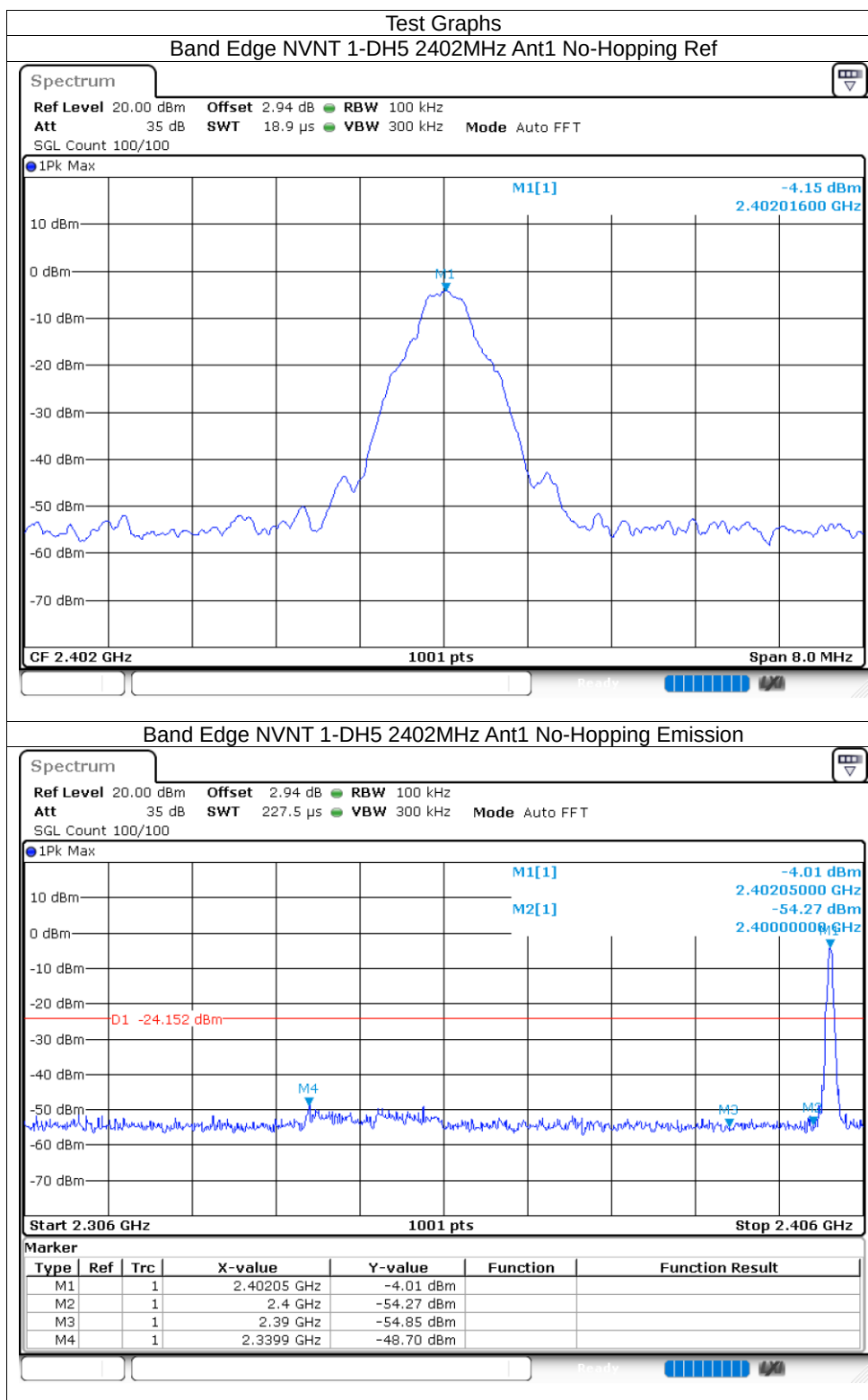
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79             | 15    | Pass    |



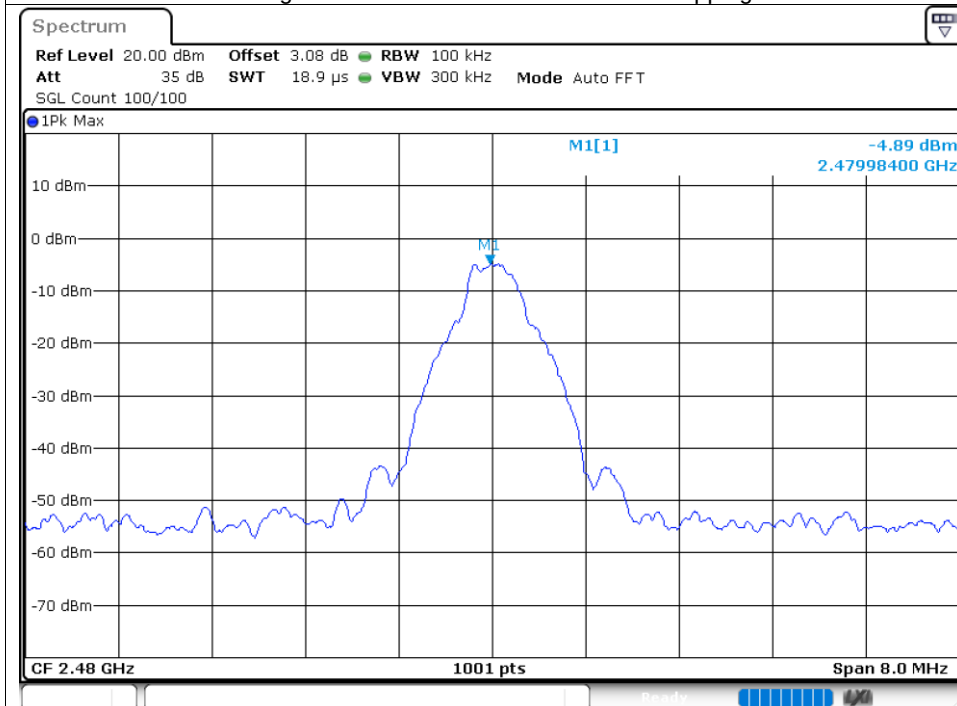


### 8.7 BAND EDGE

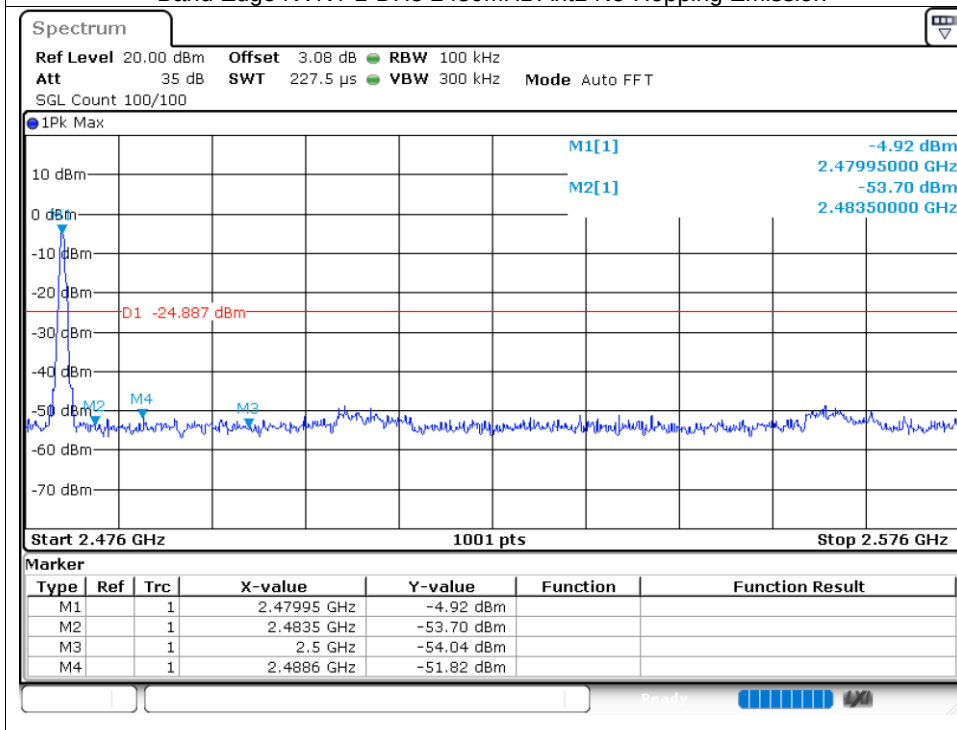
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -44.54          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -46.93          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -44.75          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -45.46          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -44.53          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -45.88          | -20         | Pass    |



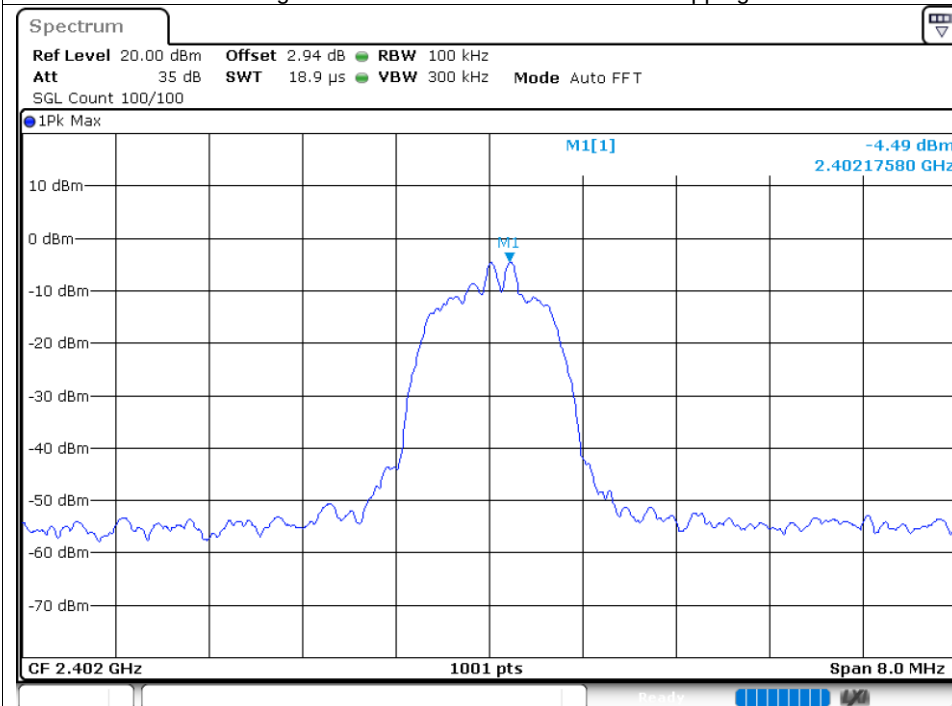
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



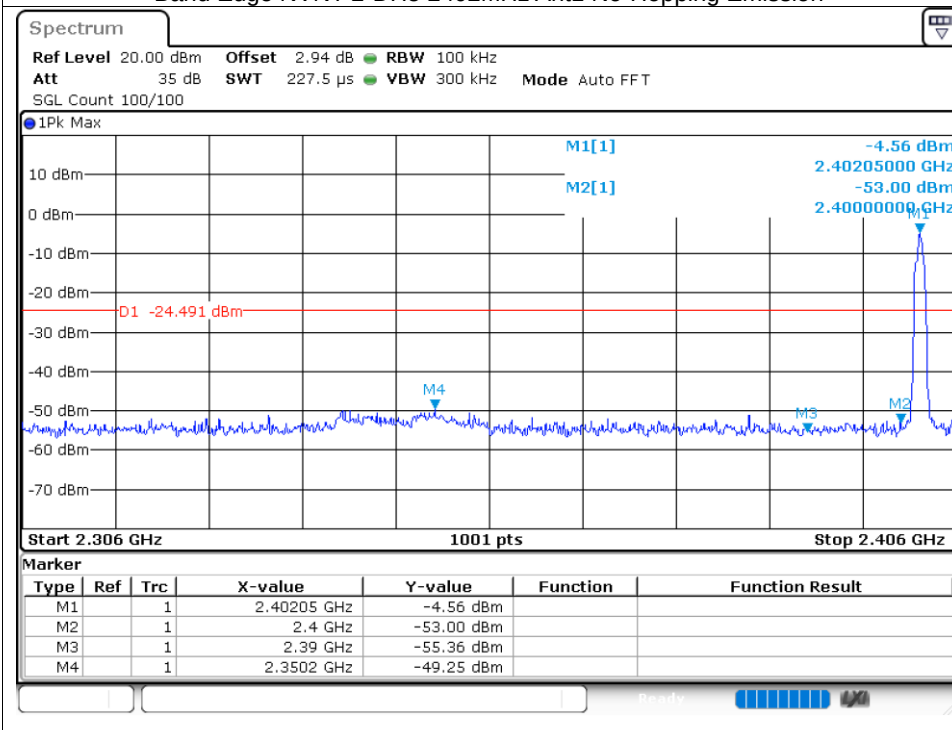
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



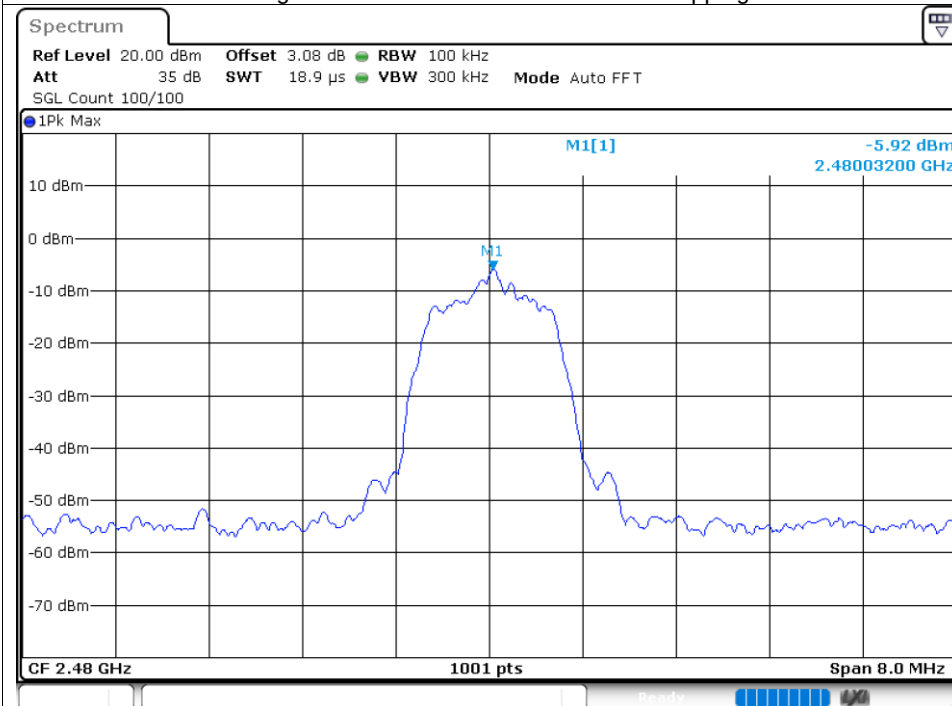
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



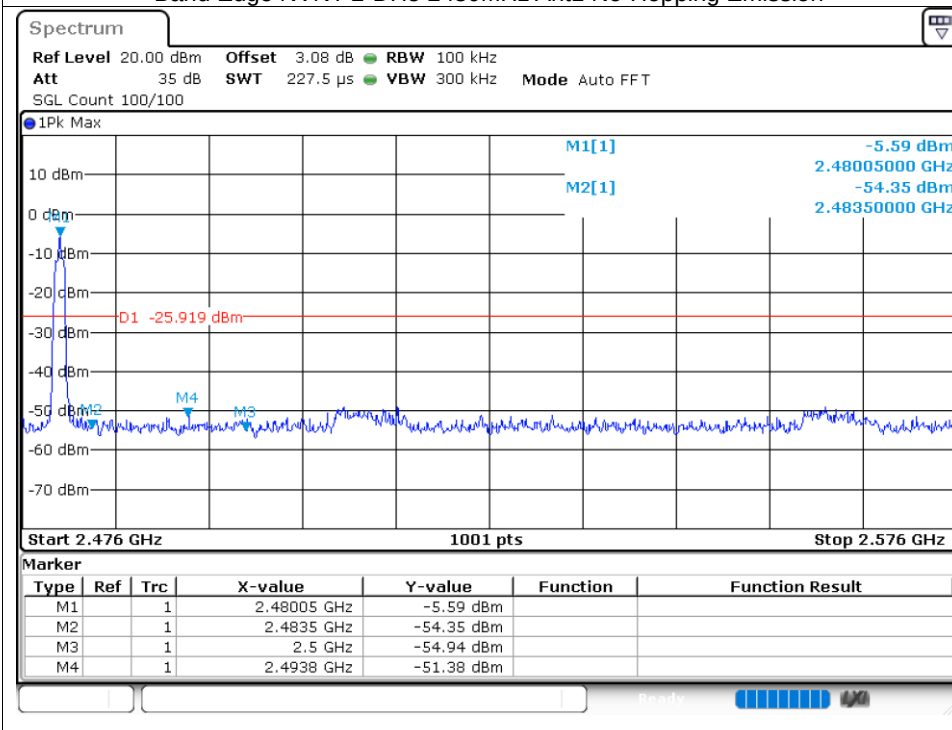
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



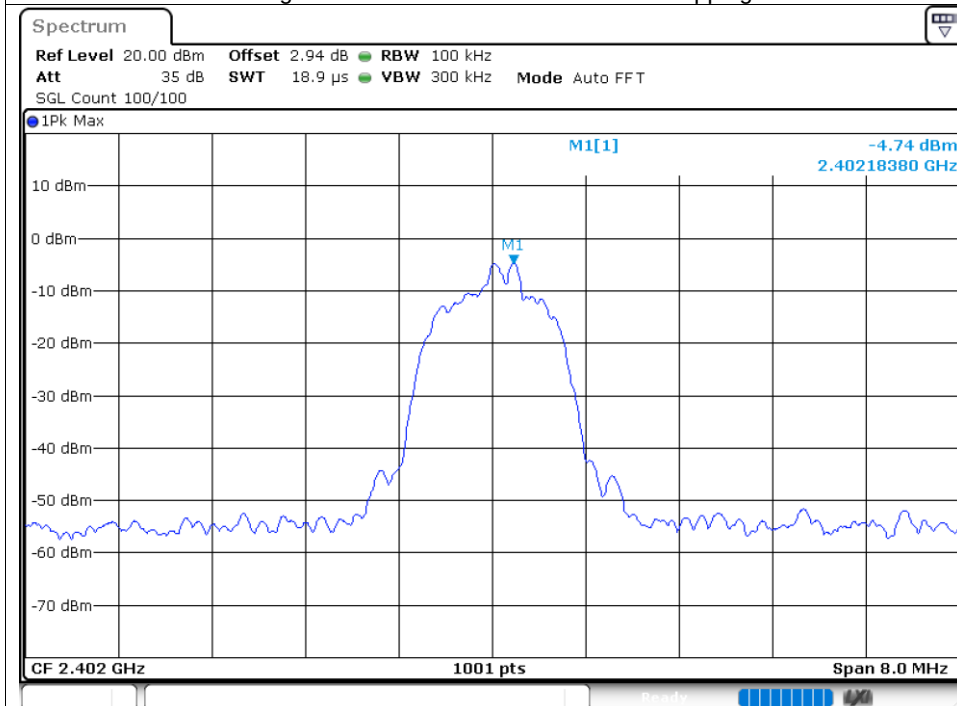
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



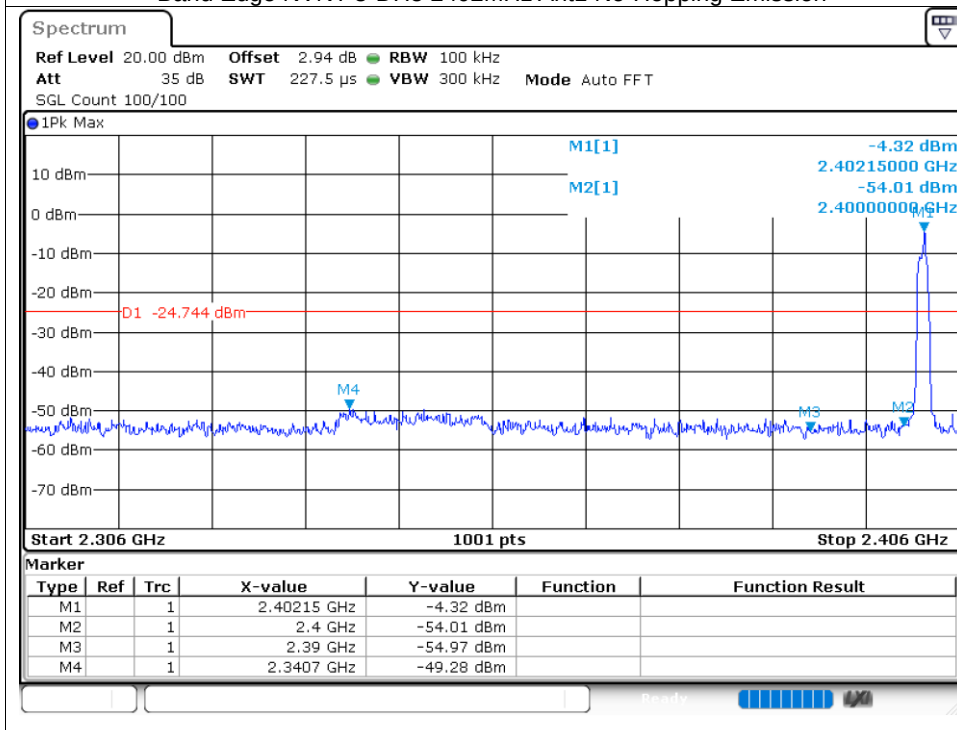
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



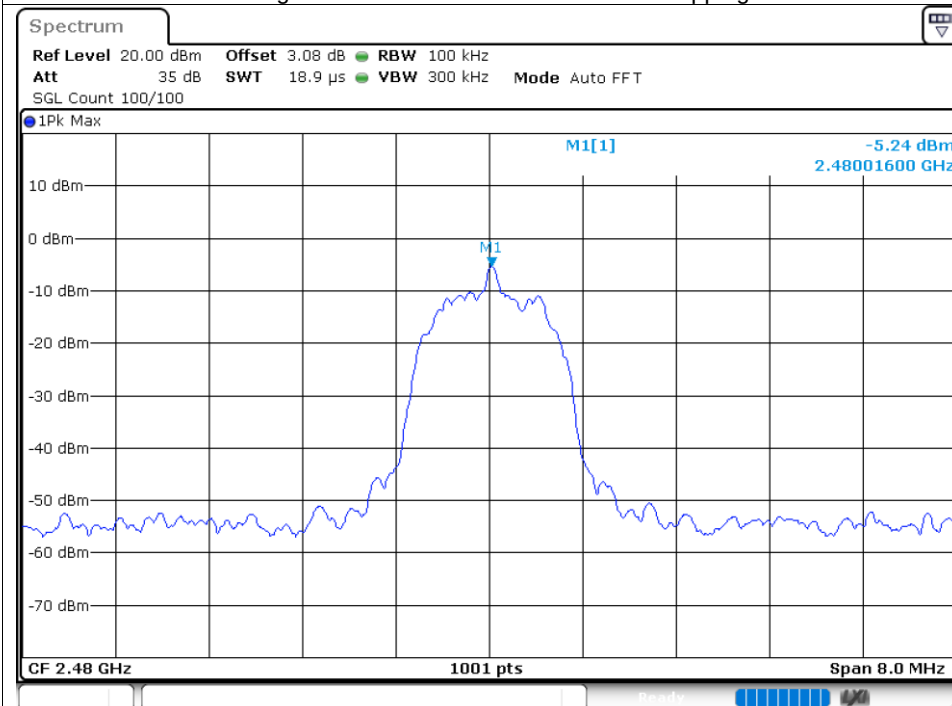
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



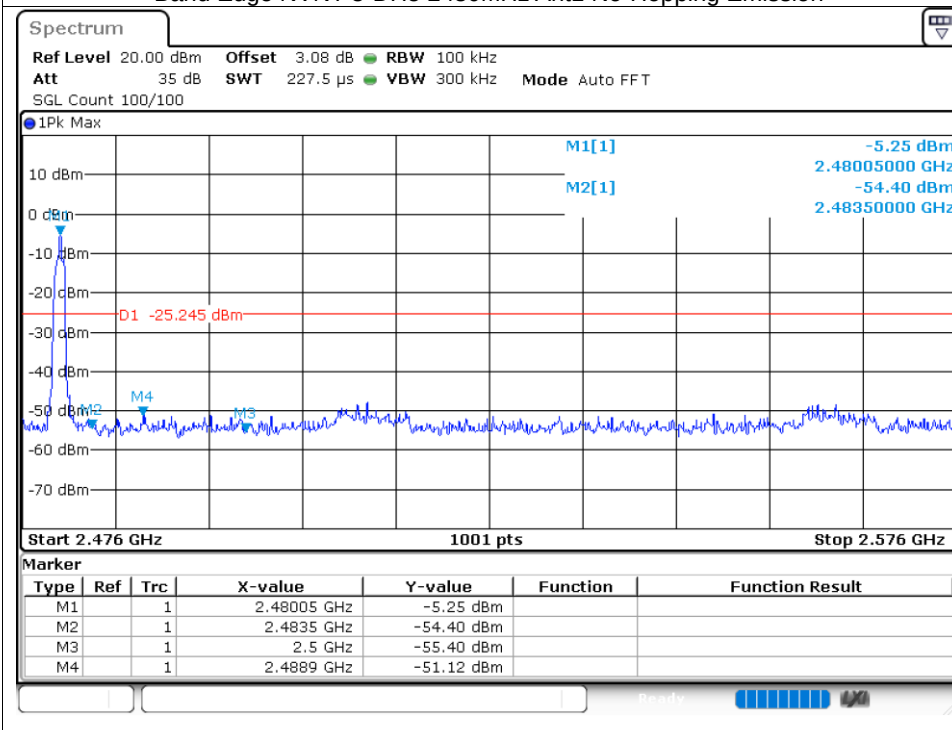
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref

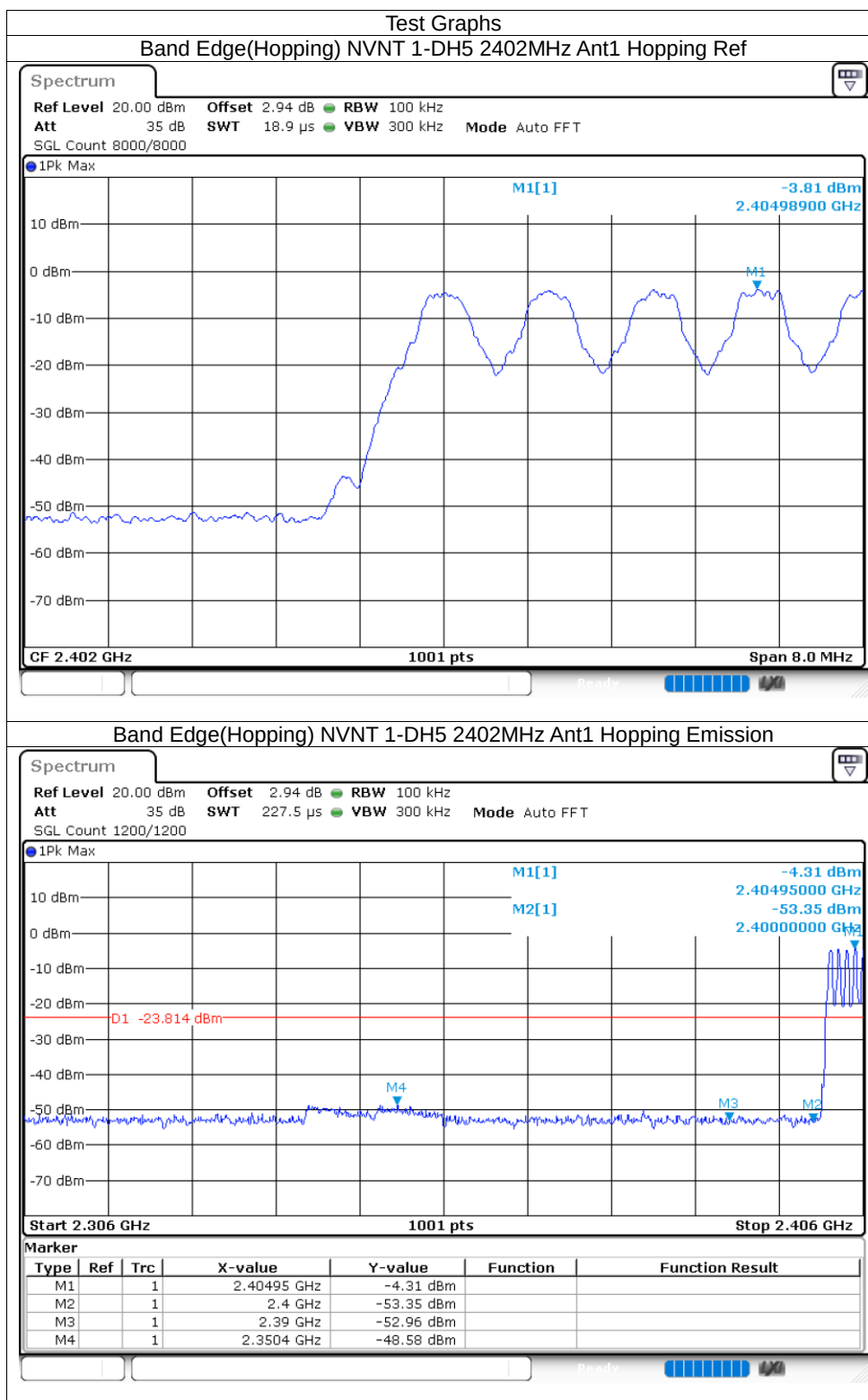


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

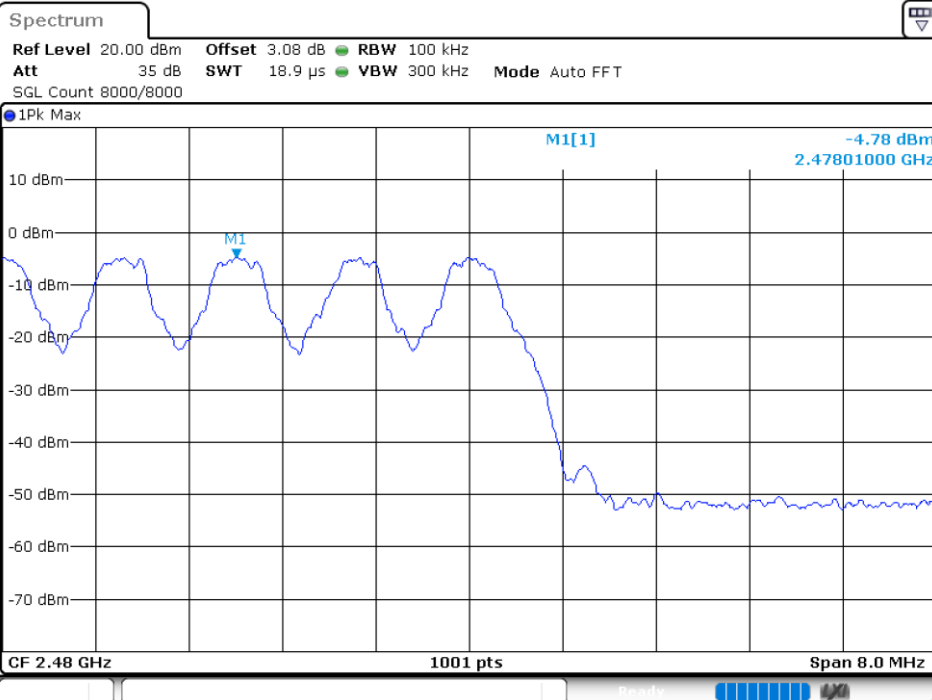


### 8.8 BAND EDGE(HOPPING)

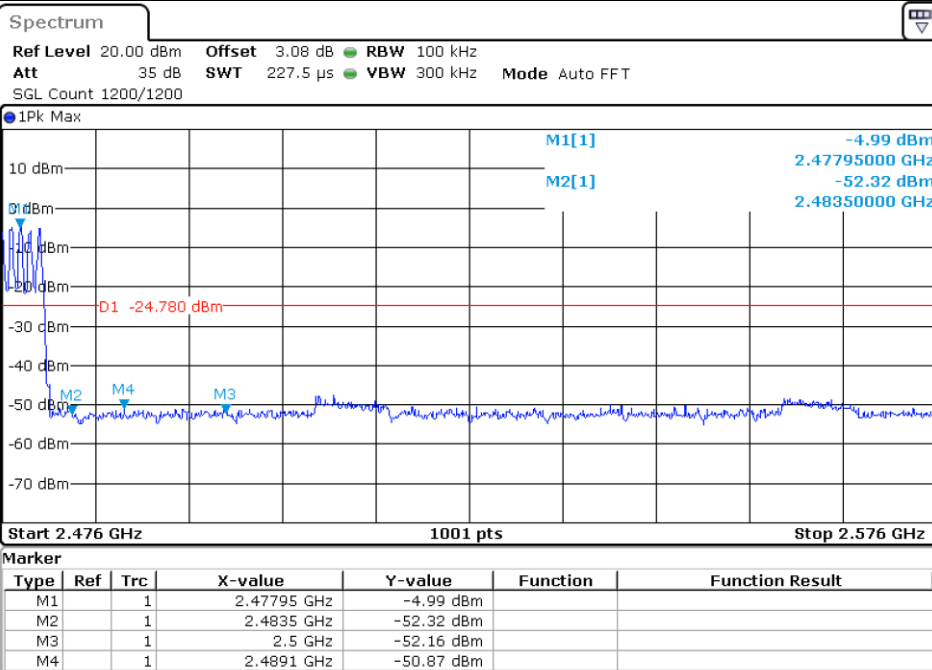
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -44.77          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -46.09          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -44.27          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -45.48          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -44.54          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -46             | -20         | Pass    |



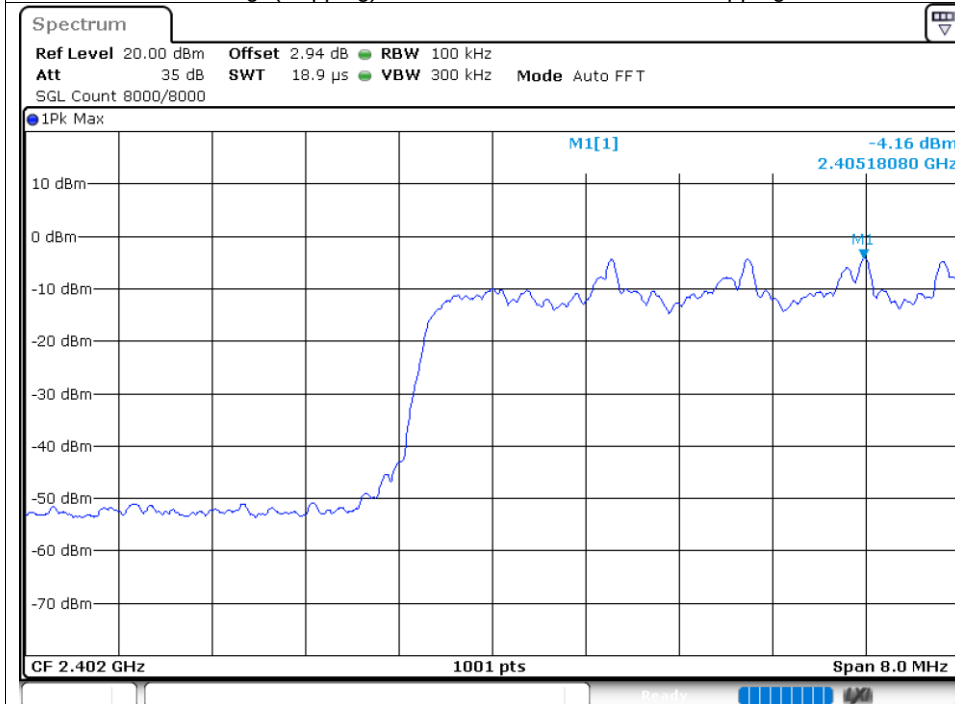
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



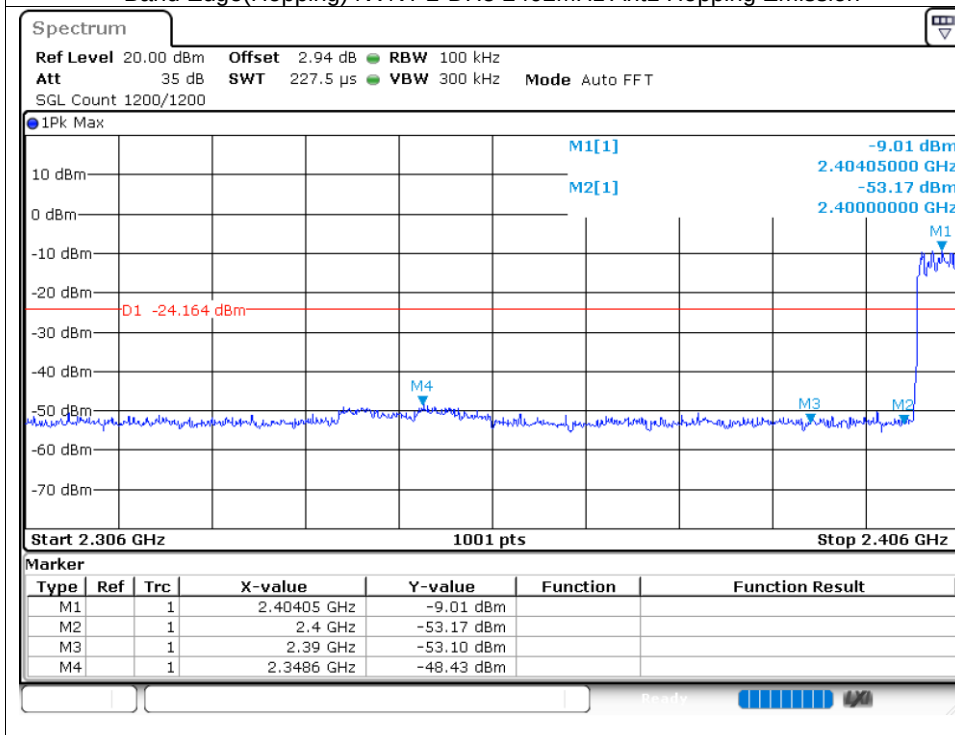
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



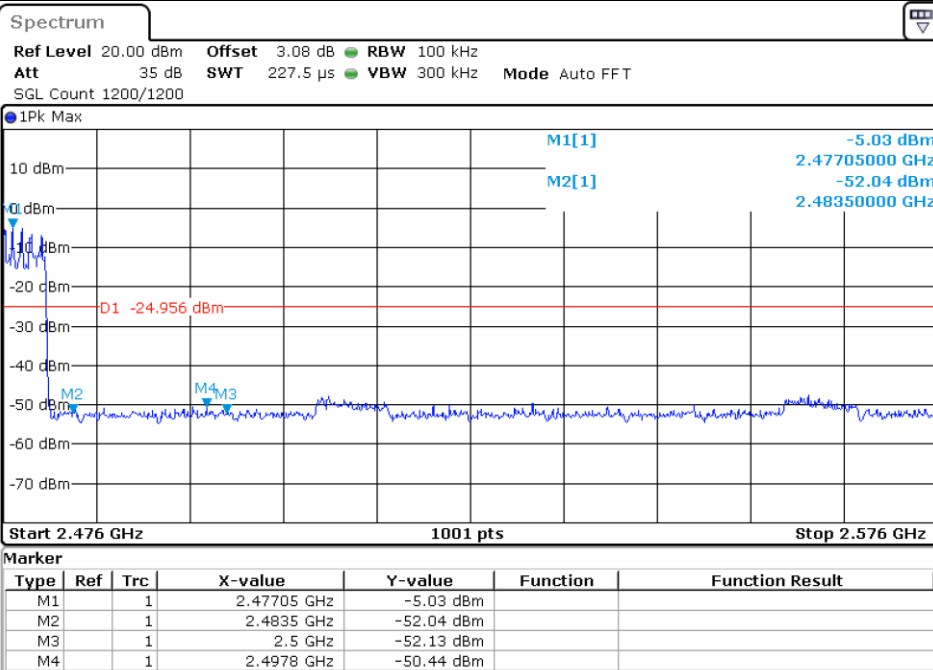
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



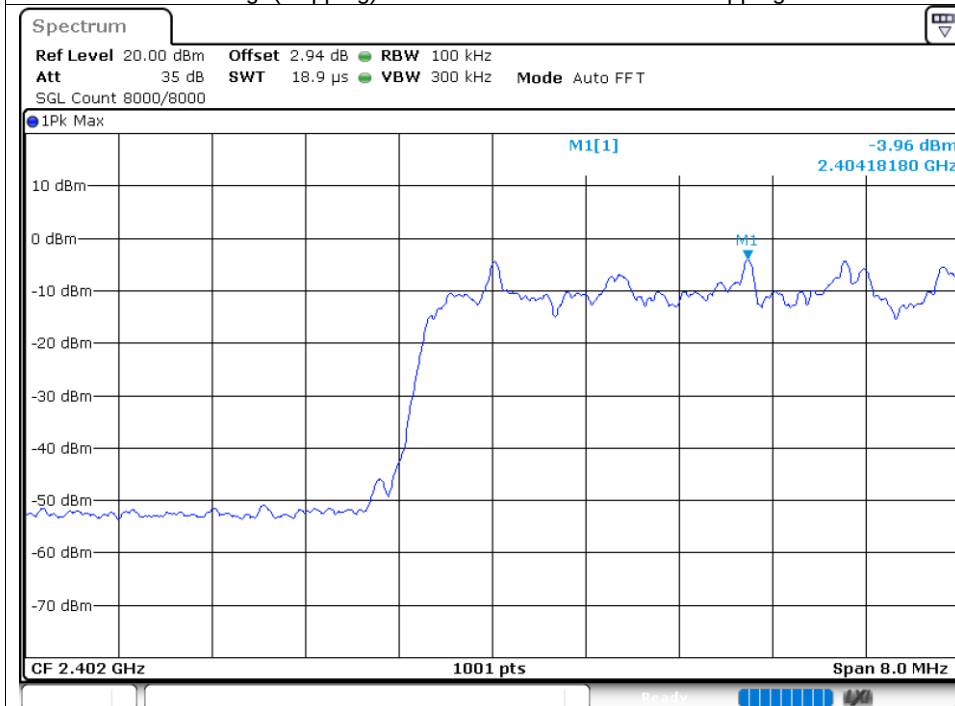
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



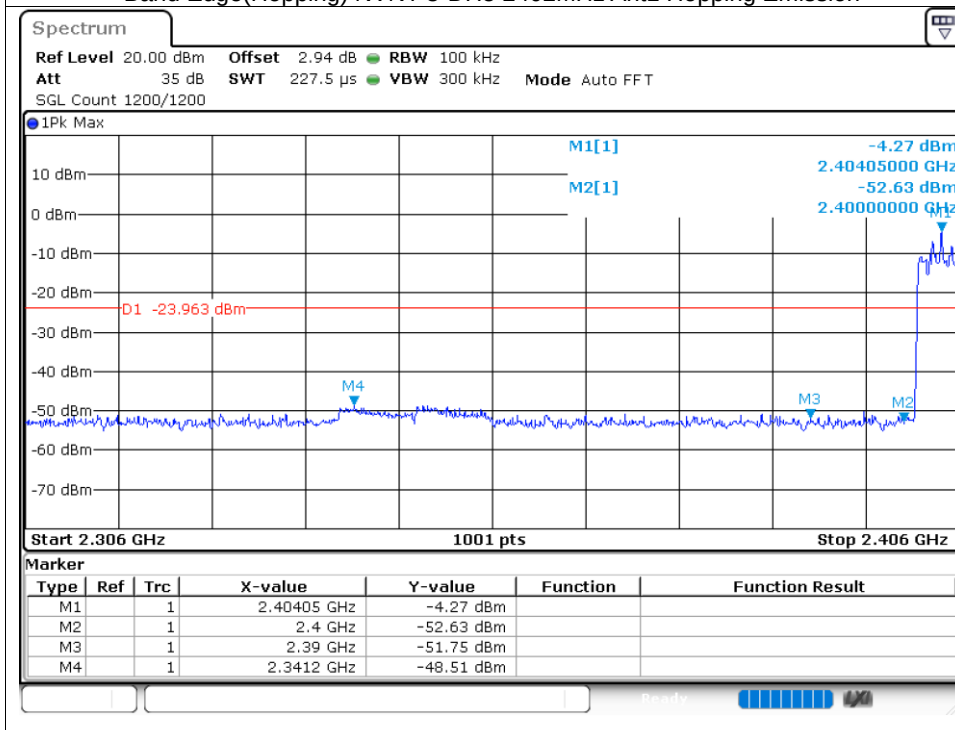
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

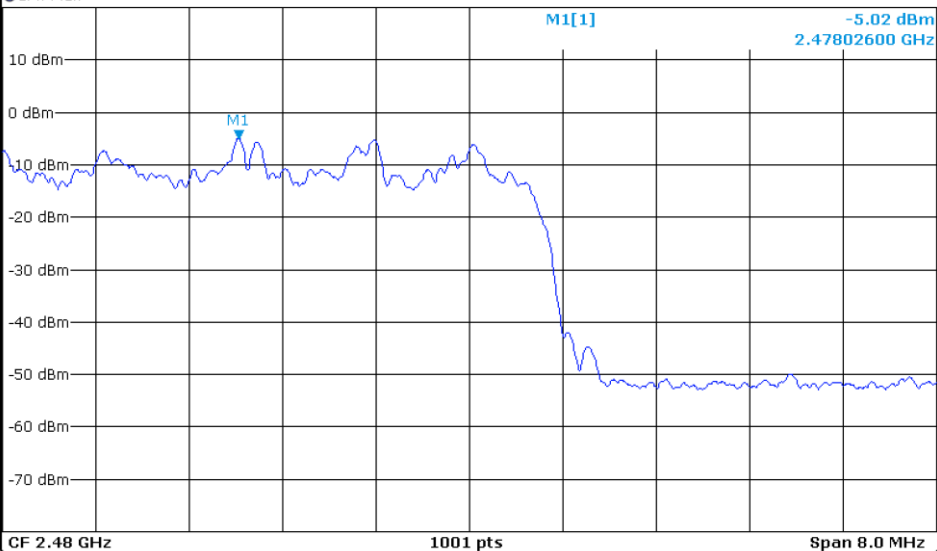


### Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 3.08 dB RBW 100 kHz  
Att 35 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

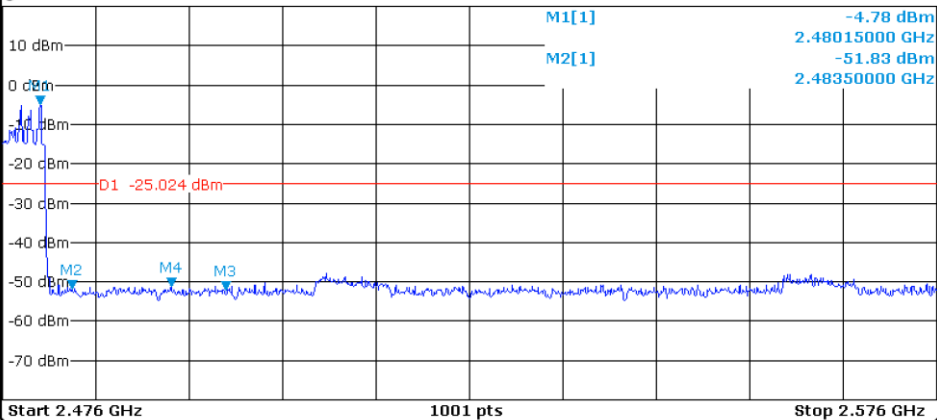


### Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 3.08 dB RBW 100 kHz  
Att 35 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



Marker

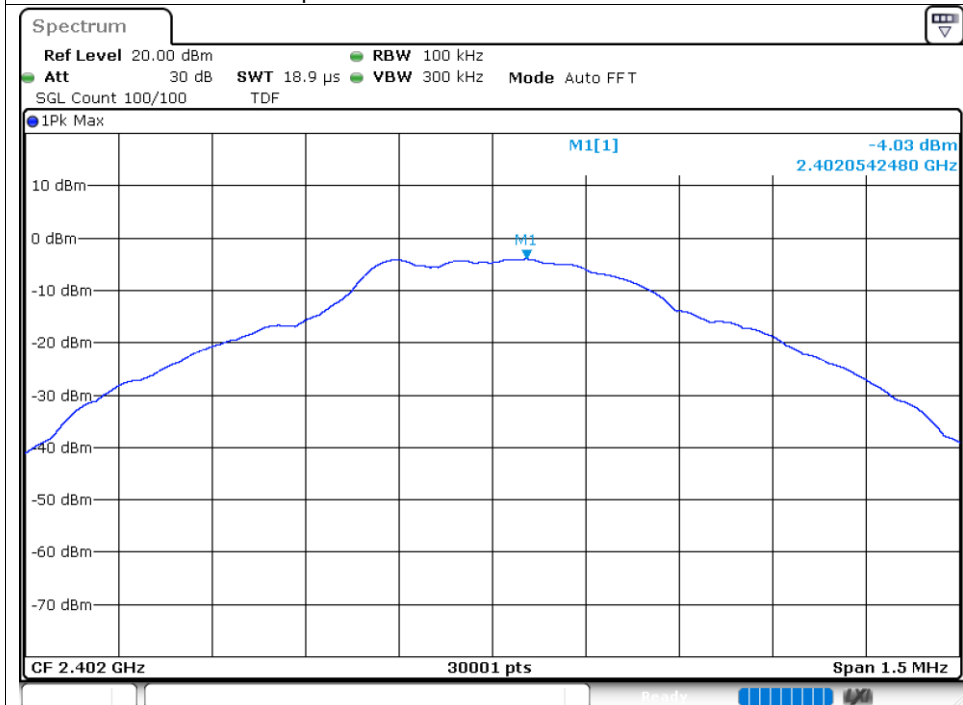
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.48015 GHz | -4.78 dBm  |          |                 |
| M2   | 1   |     | 2.4835 GHz  | -51.83 dBm |          |                 |
| M3   | 1   |     | 2.5 GHz     | -52.09 dBm |          |                 |
| M4   | 1   |     | 2.4941 GHz  | -51.02 dBm |          |                 |

### 8.9 CONDUCTED RF SPURIOUS EMISSION

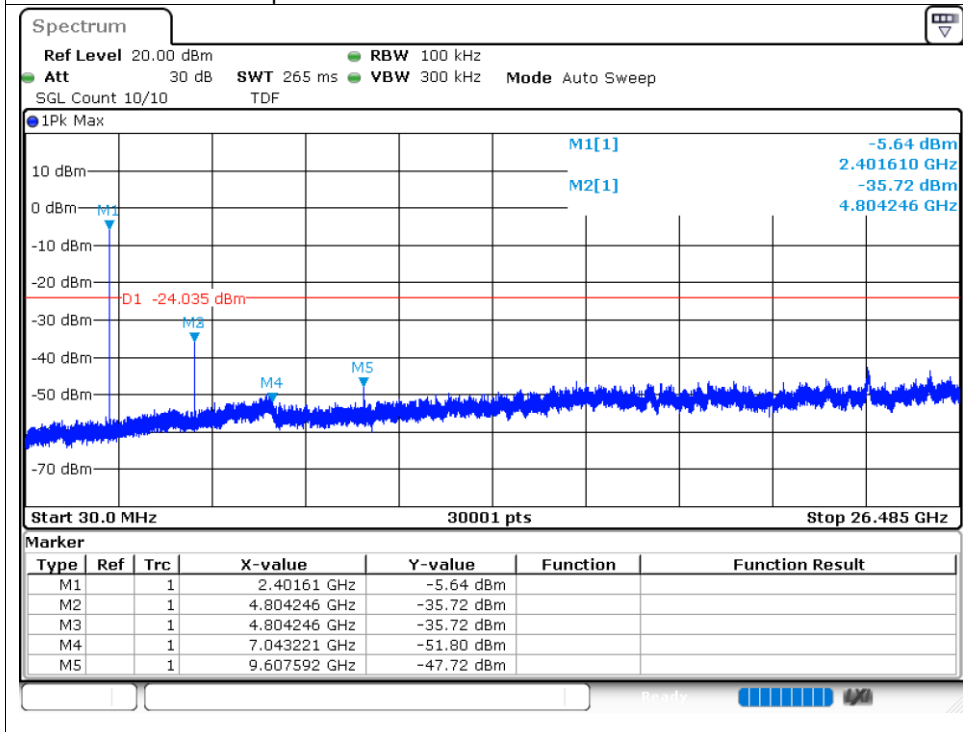
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -31.69          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -27.69          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -30.41          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -36.32          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -27.78          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -32.14          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -36.87          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -37.63          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -35.17          | -20         | Pass    |

### Test Graphs

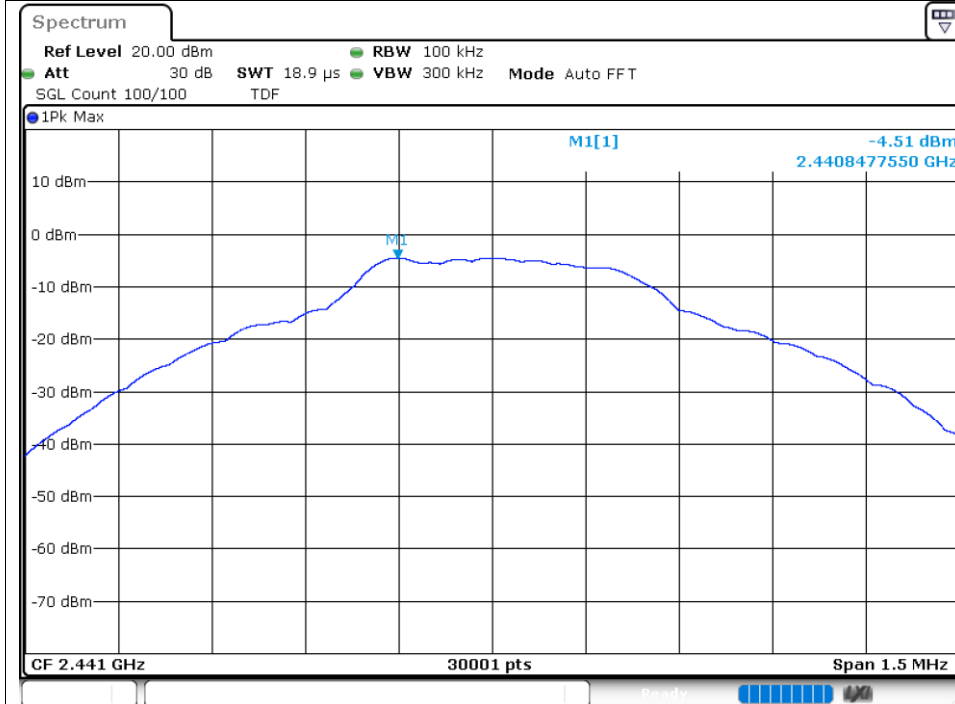
#### Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



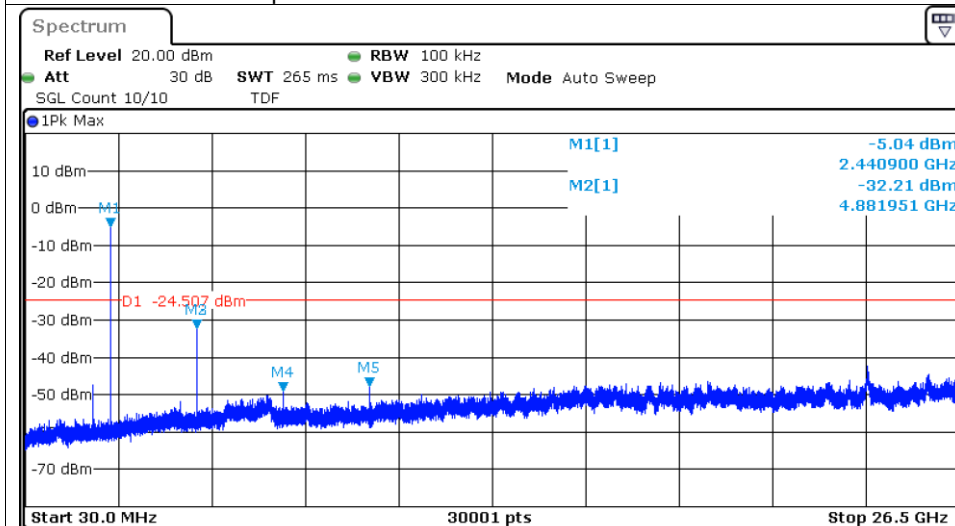
#### Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



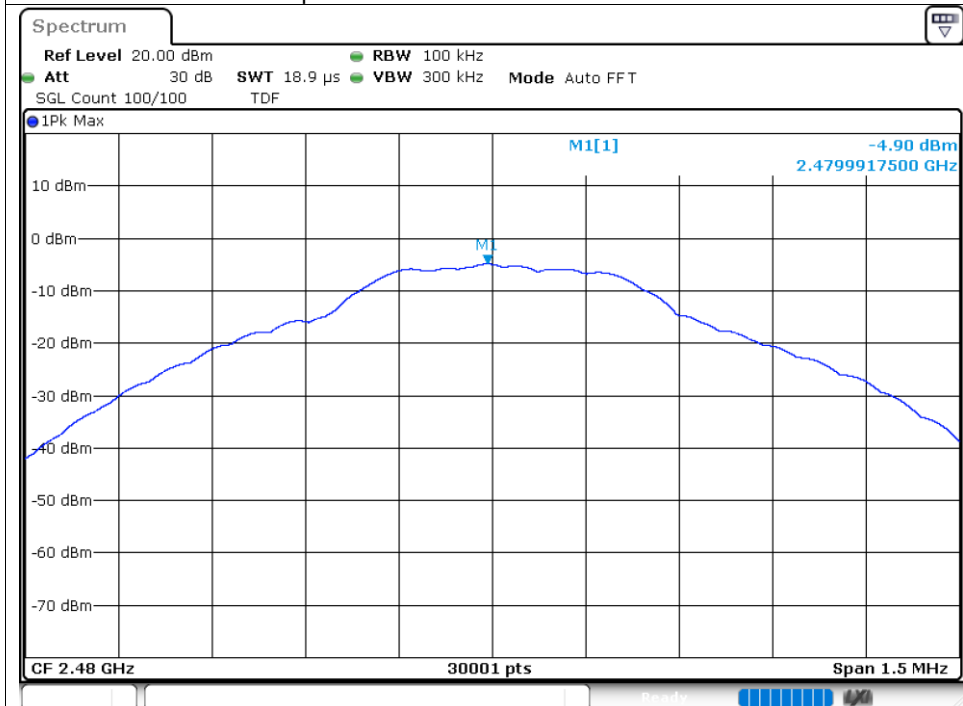
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



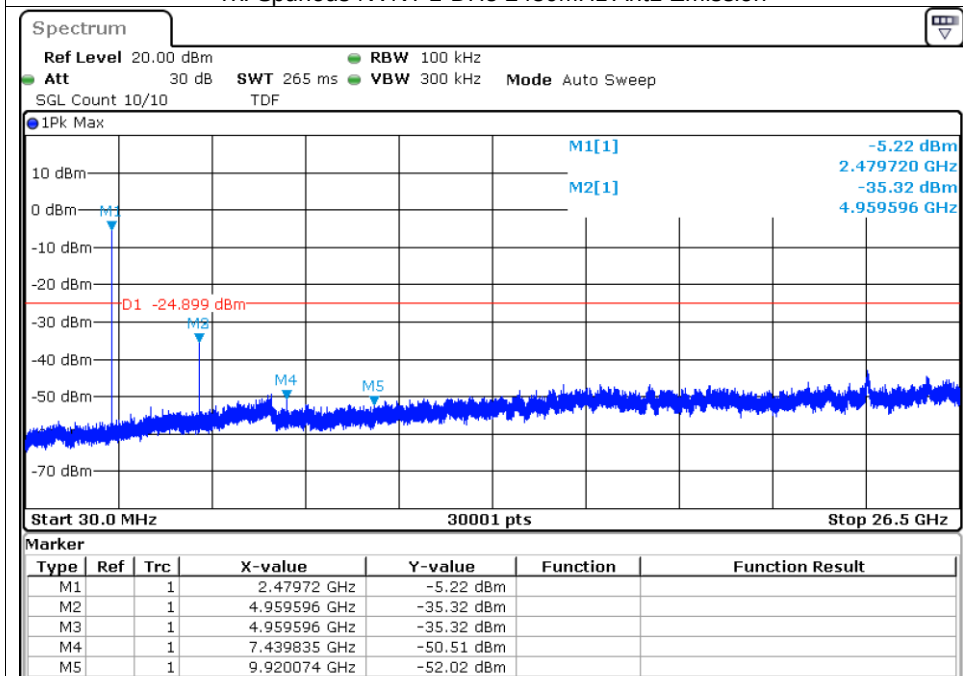
Marker

| Type | Ref | Trc | X-value      | Y-value    | Function | Function Result |
|------|-----|-----|--------------|------------|----------|-----------------|
| M1   |     | 1   | 2.4409 GHz   | -5.04 dBm  |          |                 |
| M2   |     | 1   | 4.881951 GHz | -32.21 dBm |          |                 |
| M3   |     | 1   | 4.881951 GHz | -32.21 dBm |          |                 |
| M4   |     | 1   | 7.322485 GHz | -49.04 dBm |          |                 |
| M5   |     | 1   | 9.763901 GHz | -47.73 dBm |          |                 |

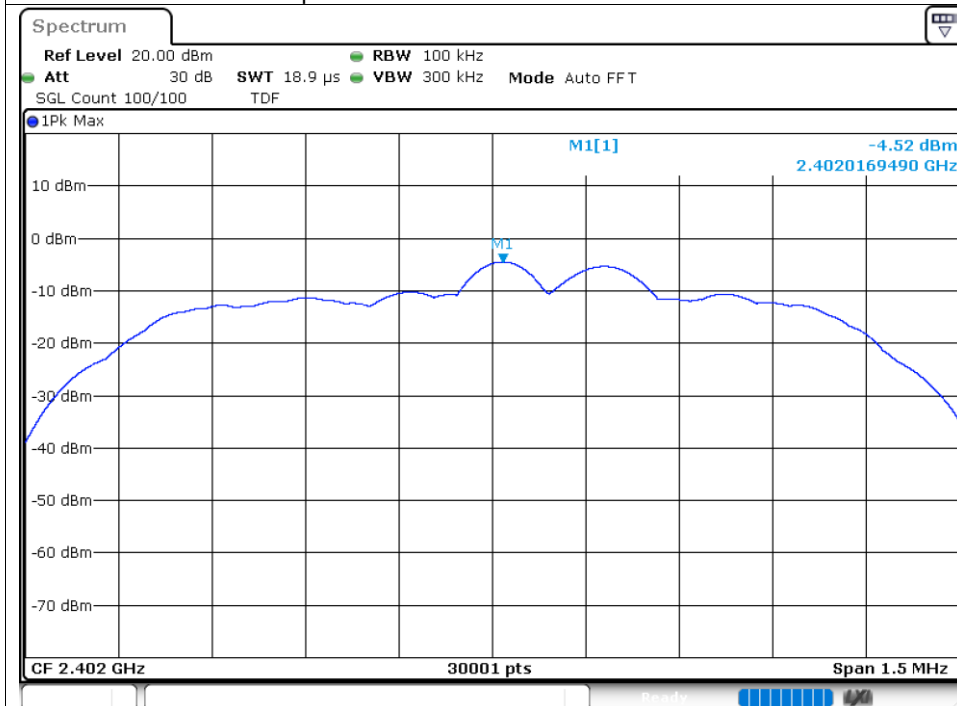
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



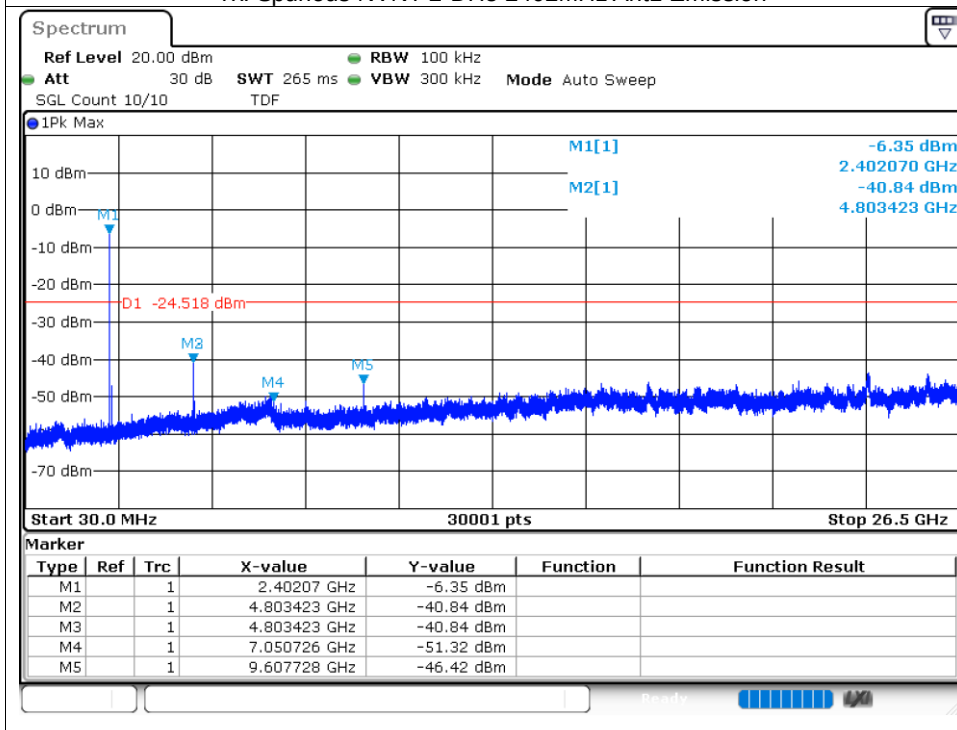
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



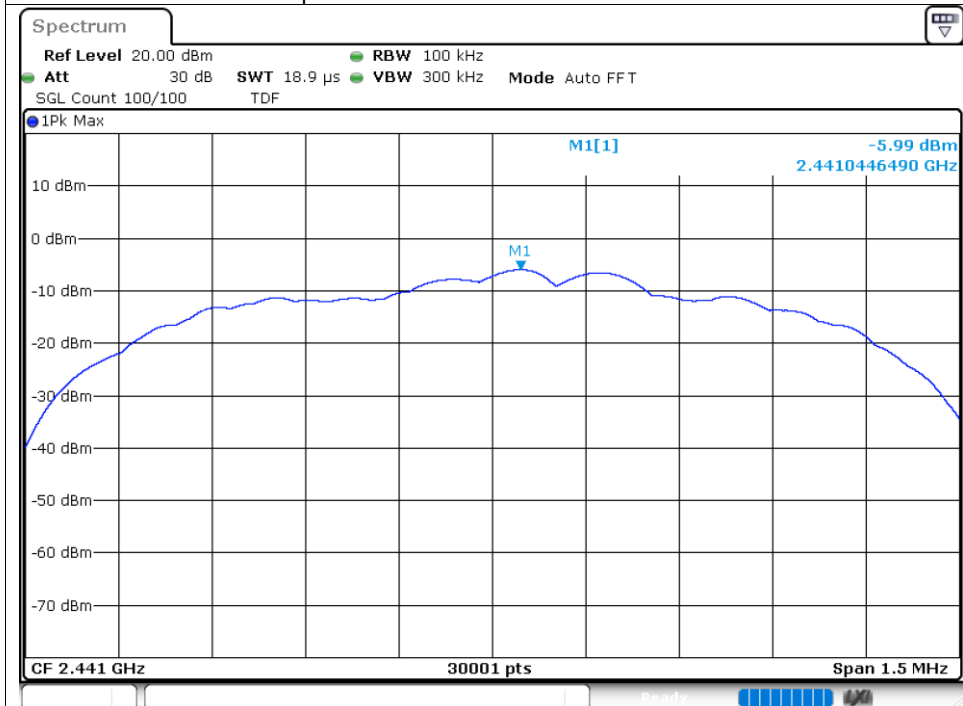
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



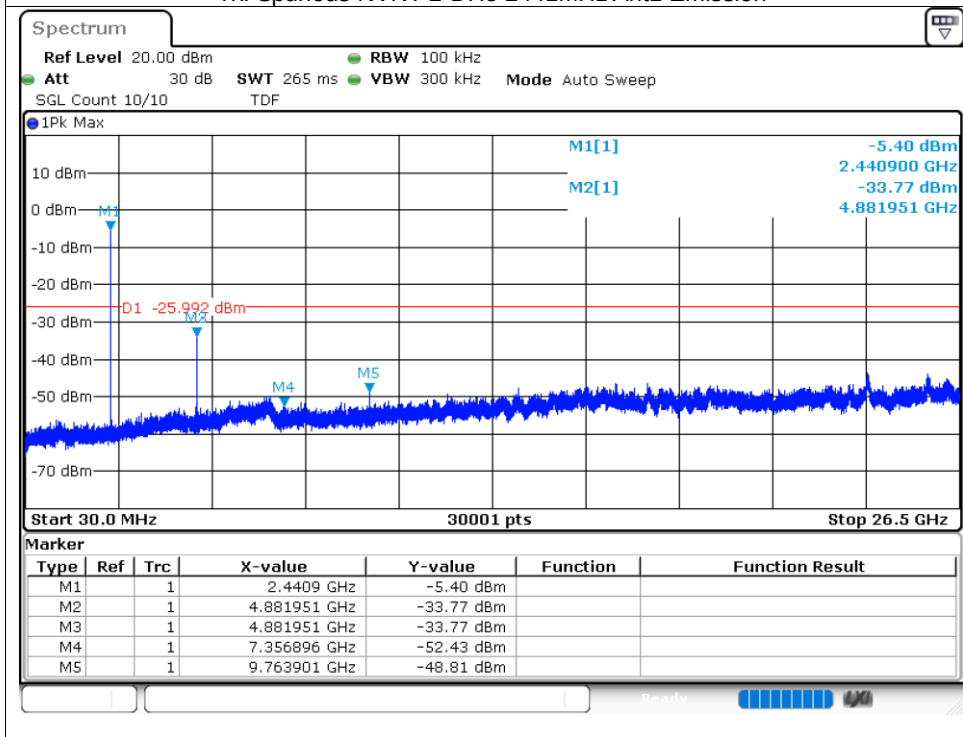
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



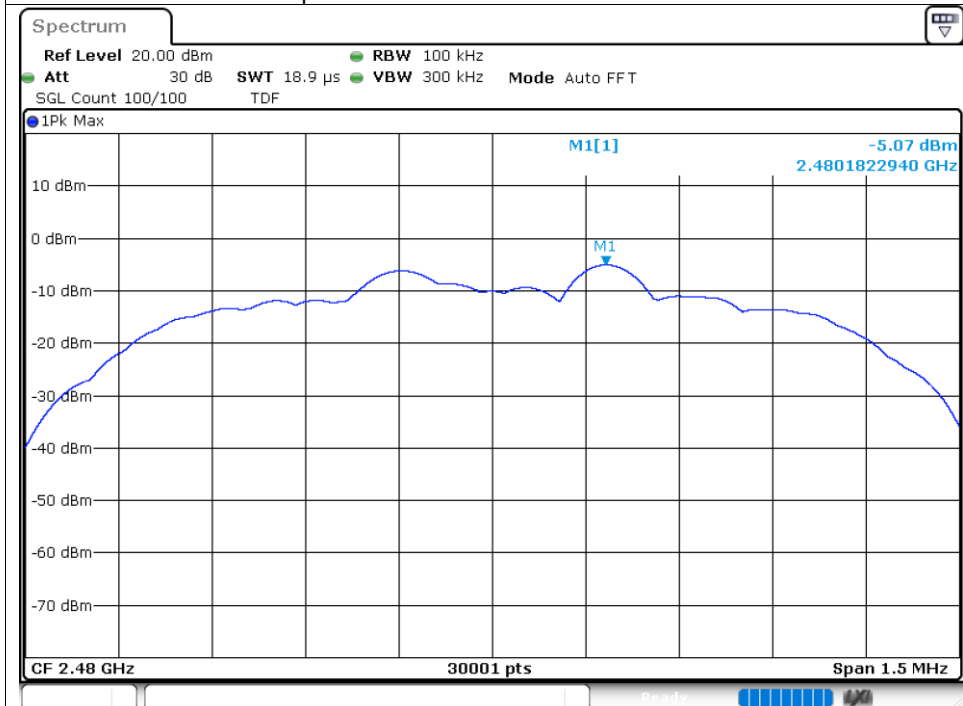
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



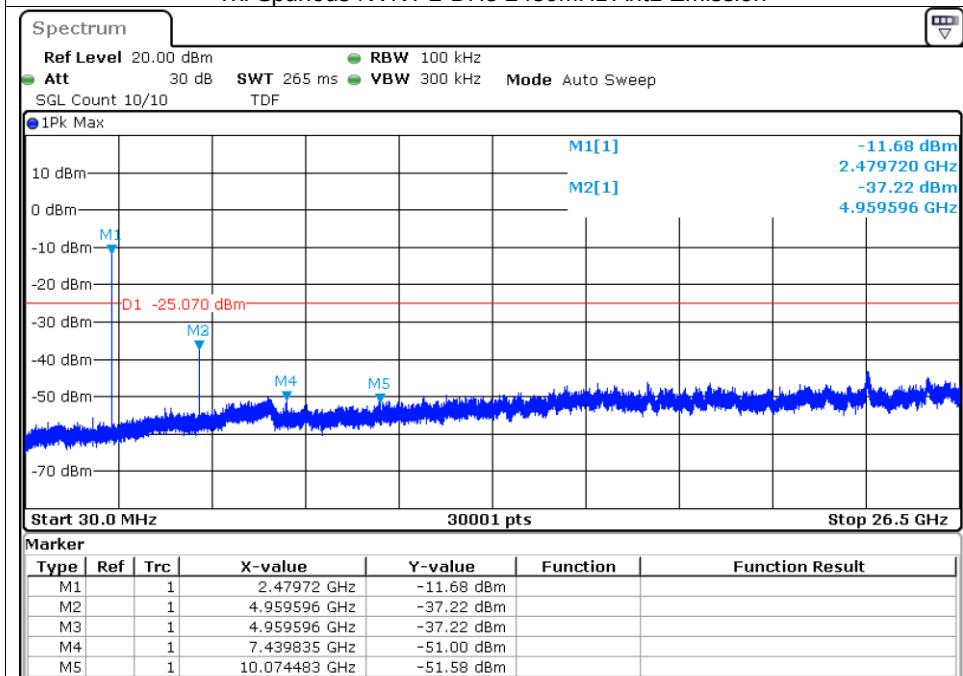
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



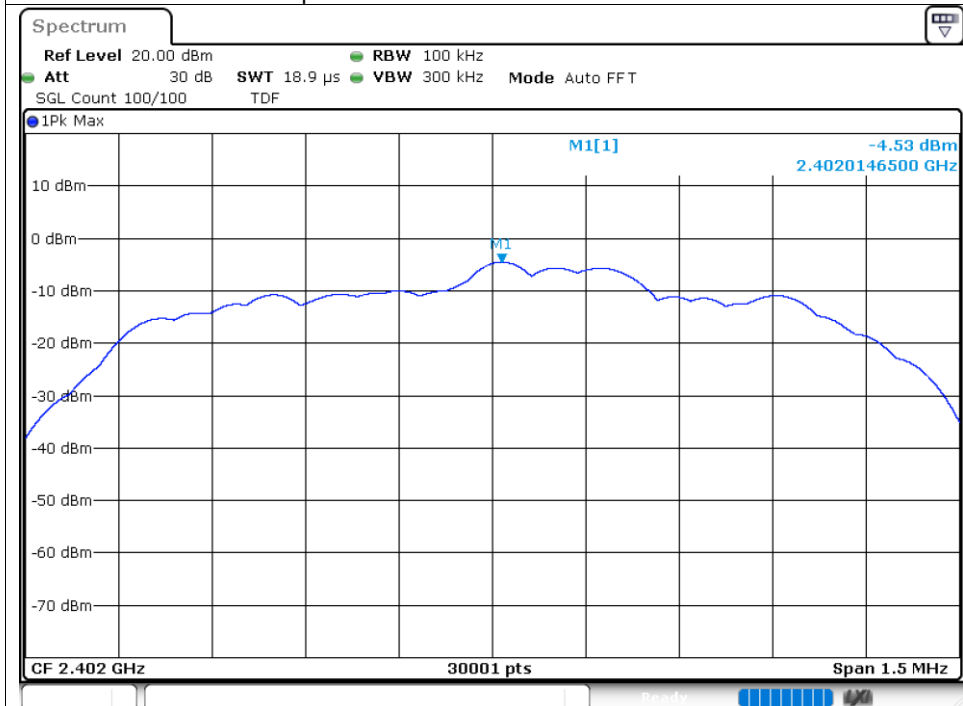
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



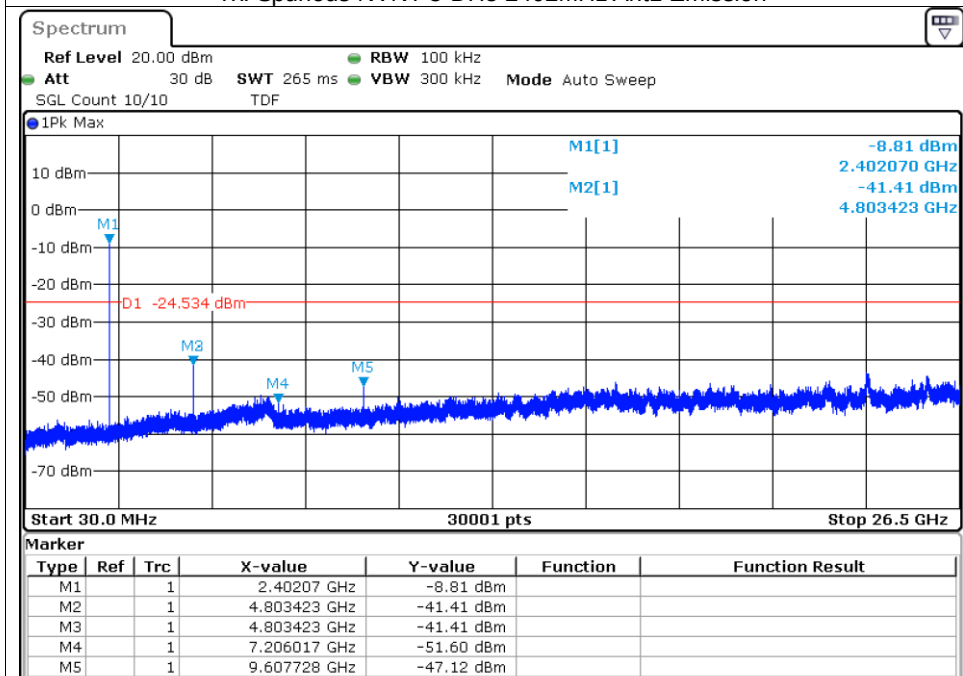
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



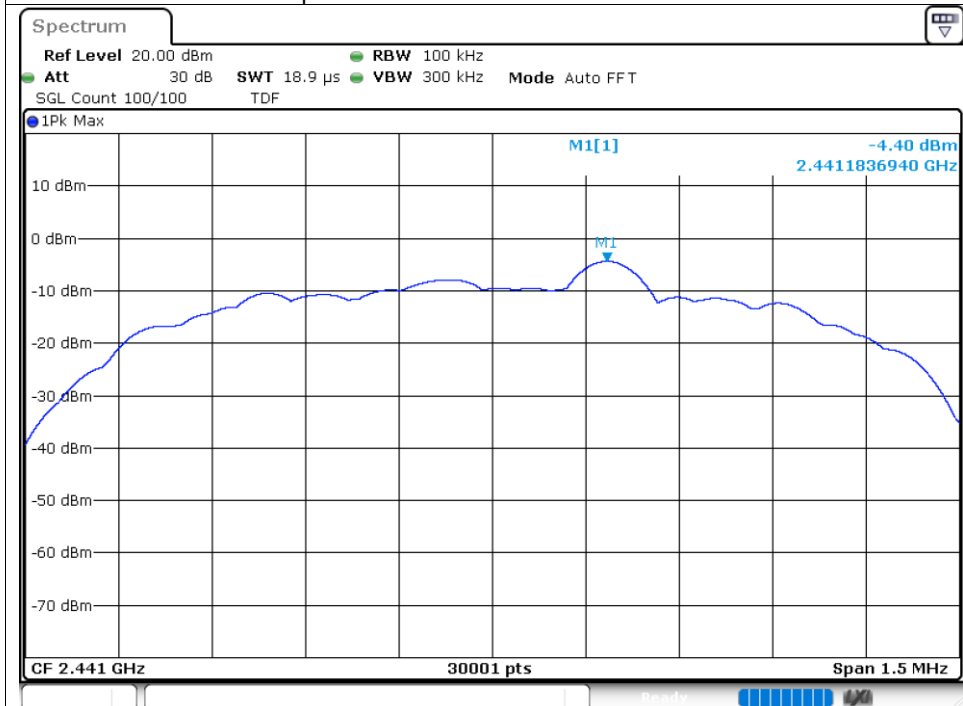
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



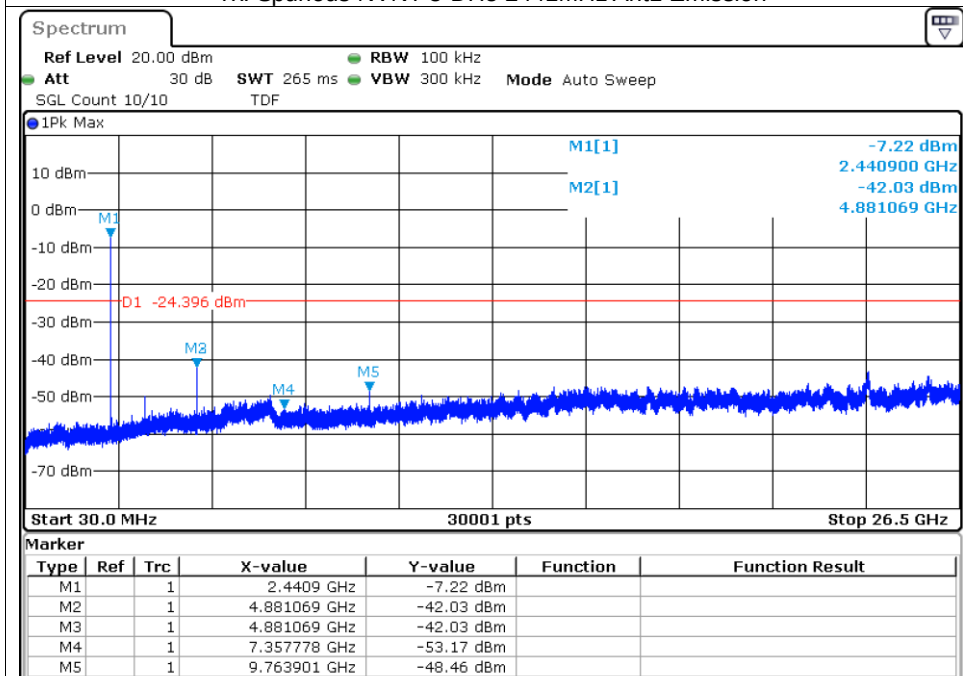
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

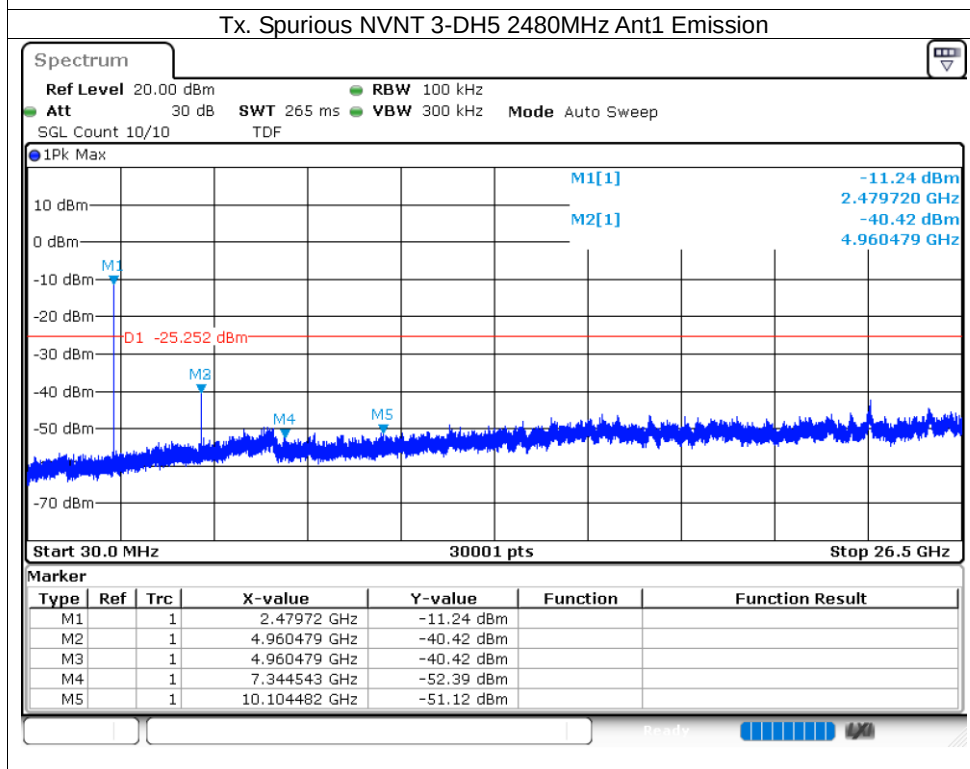
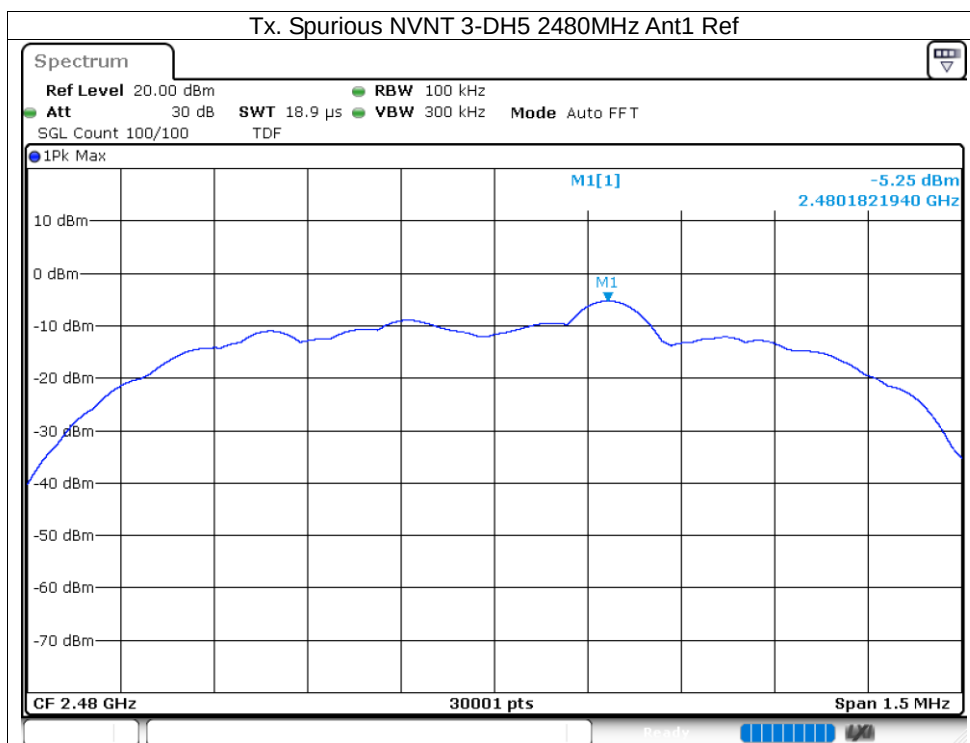


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission





END OF REPORT