

8.8 **BAND EDGE(HOPPING)**

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -51.03          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -55.4           | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -51.89          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -55.27          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -52.25          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -55.37          | -20         | Pass    |

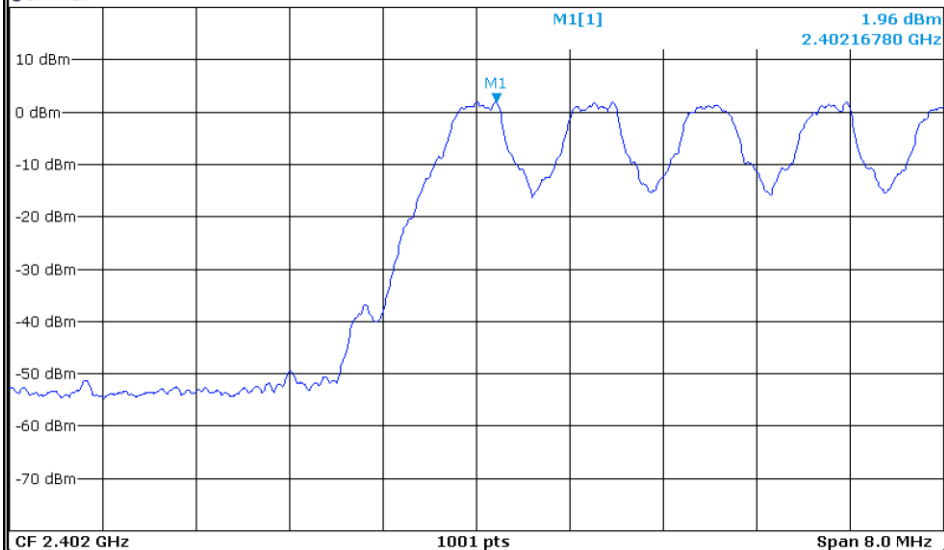
### Test Graphs

#### Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz  
Att 35 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

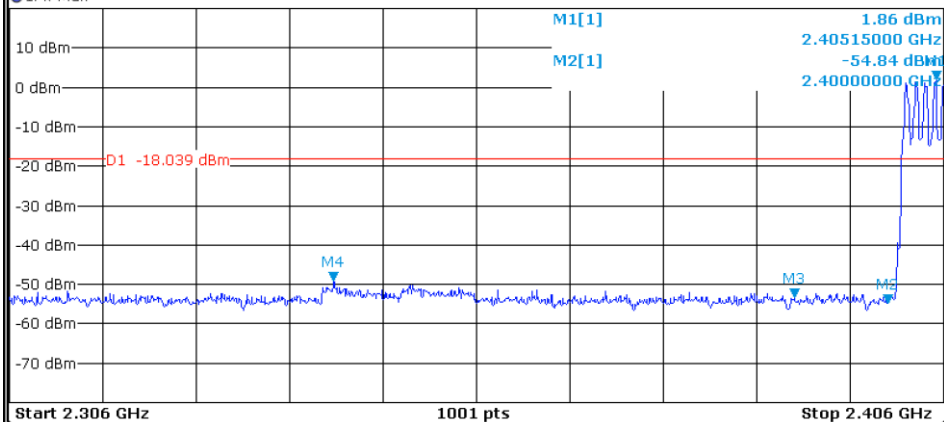


#### Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.38 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

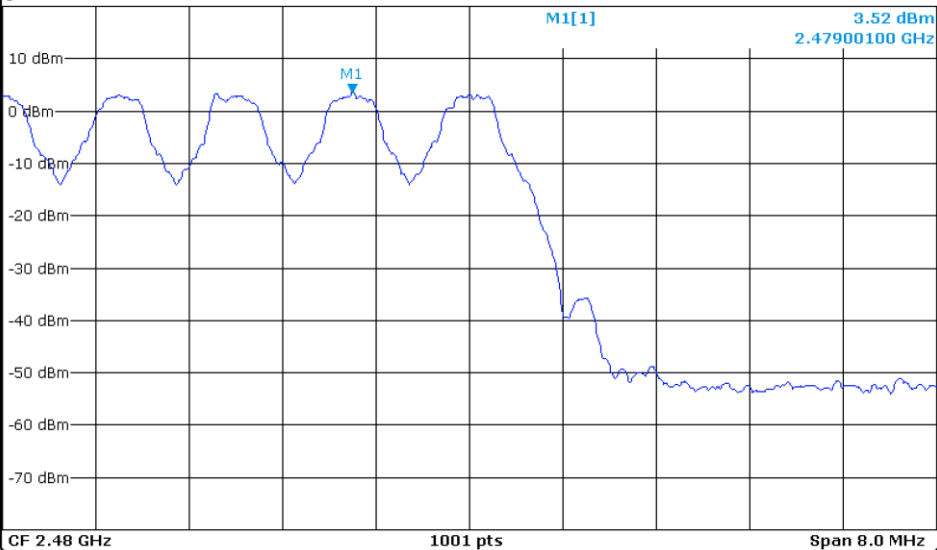
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.40515 GHz | 1.86 dBm   |          |                 |
| M2   | 1   |     | 2.4 GHz     | -54.84 dBm |          |                 |
| M3   | 1   |     | 2.39 GHz    | -53.17 dBm |          |                 |
| M4   | 1   |     | 2.3407 GHz  | -49.07 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz  
Att 35 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

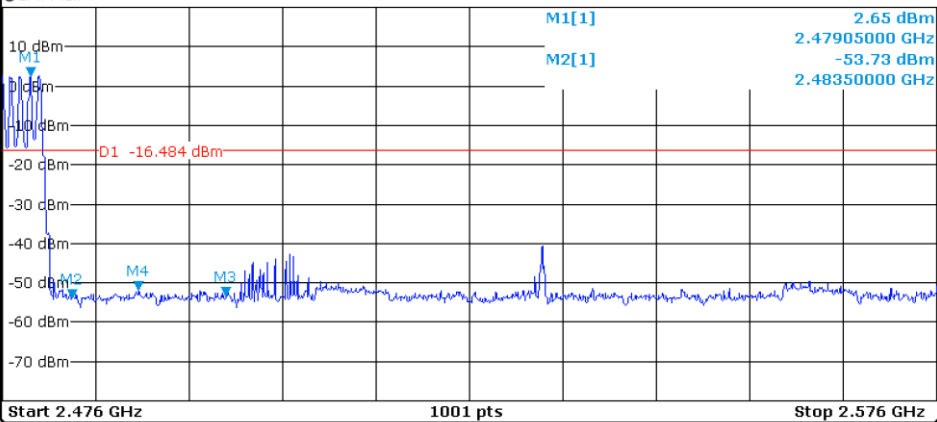


### Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.42 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

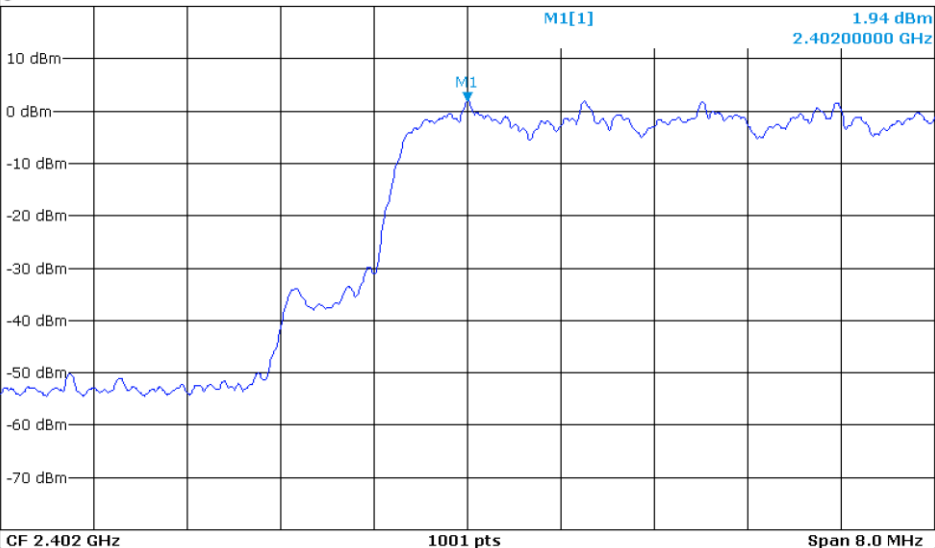
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.47905 GHz | 2.65 dBm   |          |                 |
| M2   |     | 1   | 2.4835 GHz  | -53.73 dBm |          |                 |
| M3   |     | 1   | 2.5 GHz     | -53.21 dBm |          |                 |
| M4   |     | 1   | 2.4906 GHz  | -51.88 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz  
Att 35 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

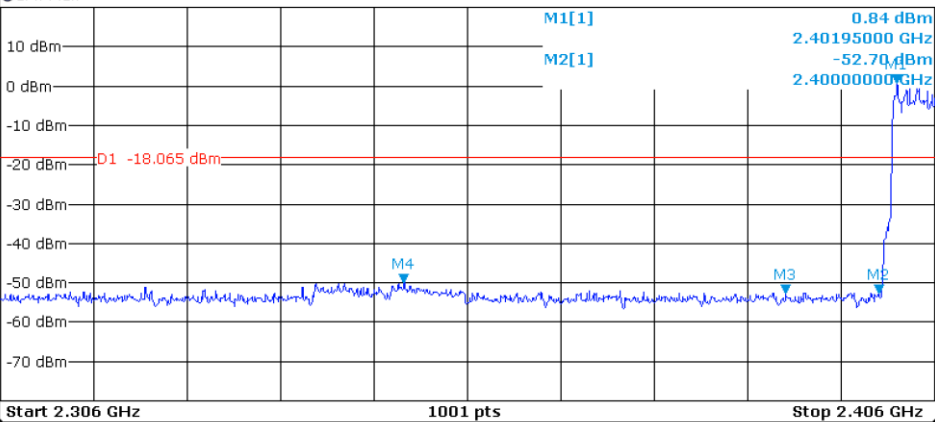


### Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.38 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

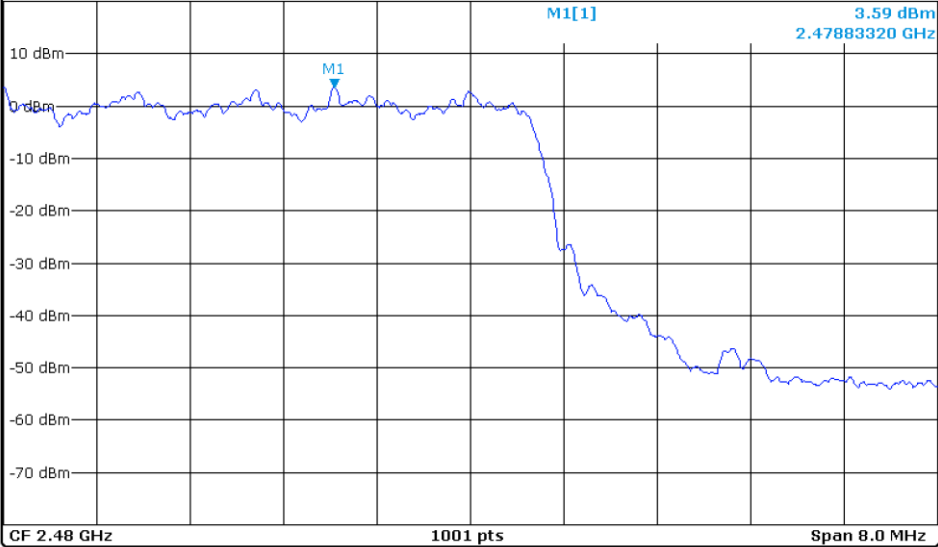
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.40195 GHz | 0.84 dBm   |          |                 |
| M2   |     | 1   | 2.4 GHz     | -52.70 dBm |          |                 |
| M3   |     | 1   | 2.39 GHz    | -52.71 dBm |          |                 |
| M4   |     | 1   | 2.3492 GHz  | -49.96 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz  
Att 35 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

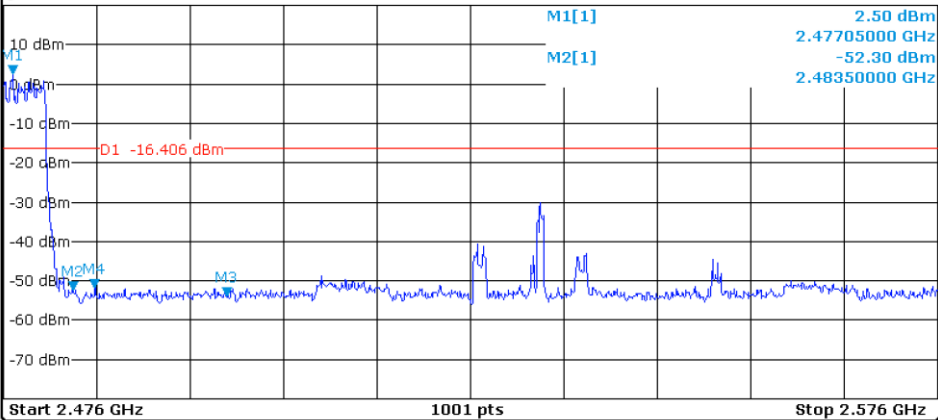


### Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.42 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

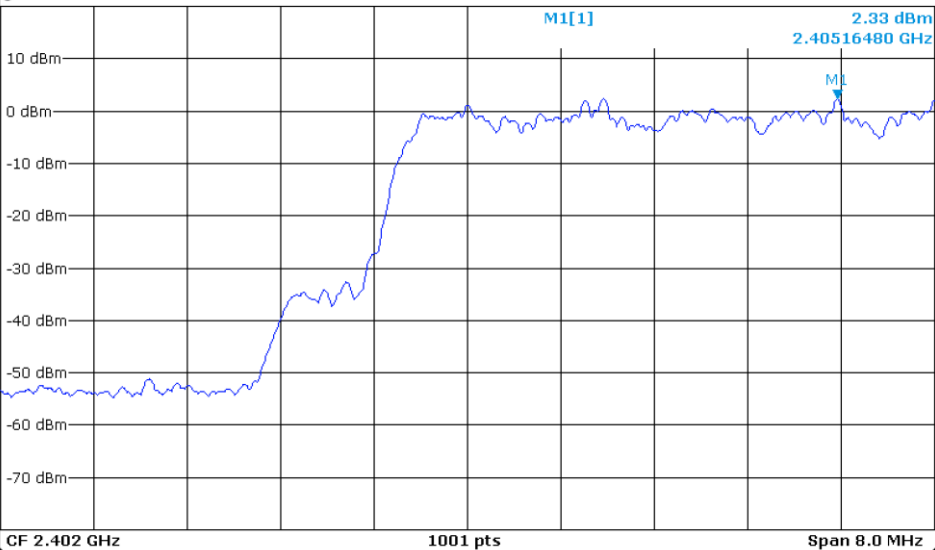
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.47705 GHz | 2.50 dBm   |          |                 |
| M2   |     | 1   | 2.4835 GHz  | -52.30 dBm |          |                 |
| M3   |     | 1   | 2.5 GHz     | -53.83 dBm |          |                 |
| M4   |     | 1   | 2.4858 GHz  | -51.68 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz  
Att 35 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

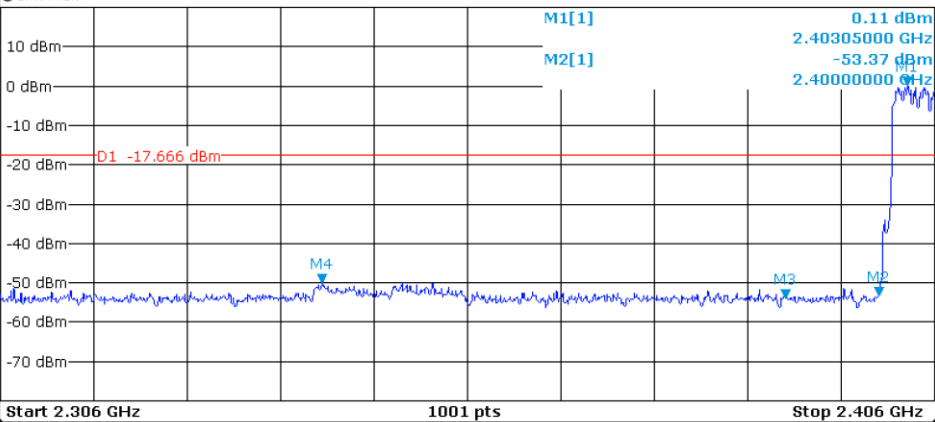


### Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.38 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

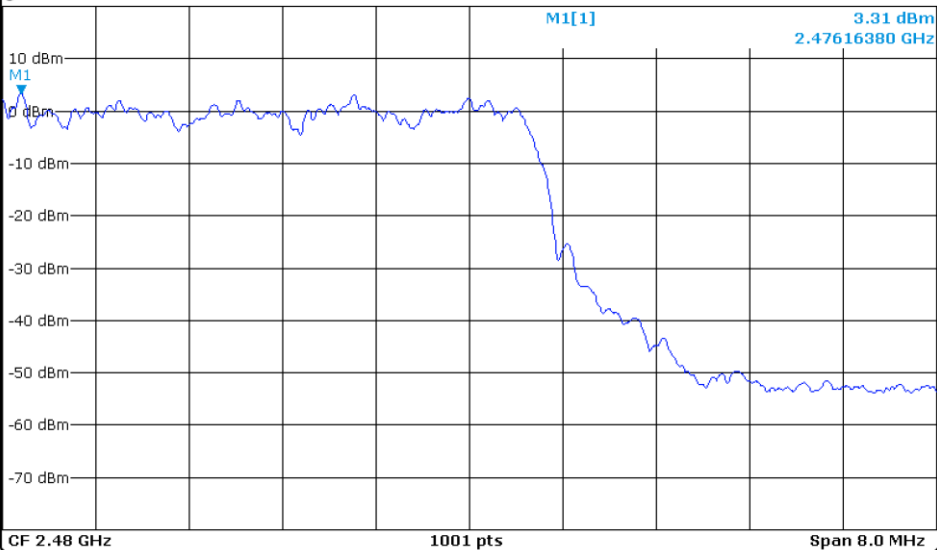
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.40305 GHz | 0.11 dBm   |          |                 |
| M2   |     | 1   | 2.4 GHz     | -53.37 dBm |          |                 |
| M3   |     | 1   | 2.39 GHz    | -53.92 dBm |          |                 |
| M4   |     | 1   | 2.3404 GHz  | -49.92 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz  
Att 35 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

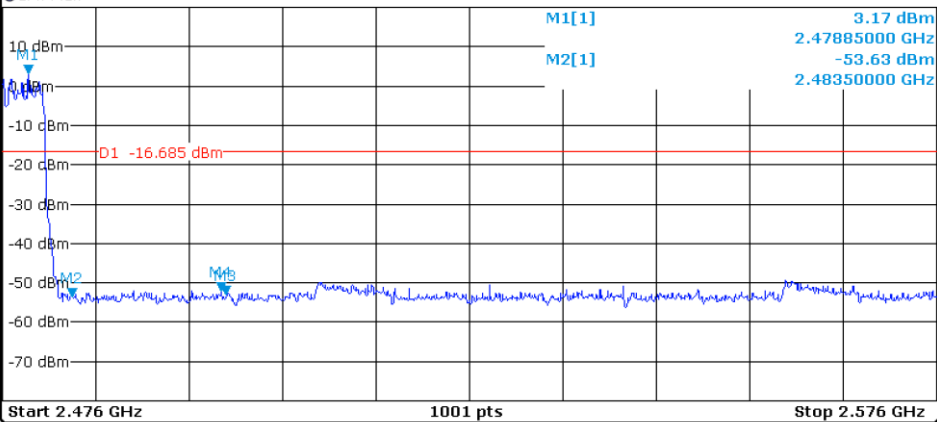


### Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz  
Att 35 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



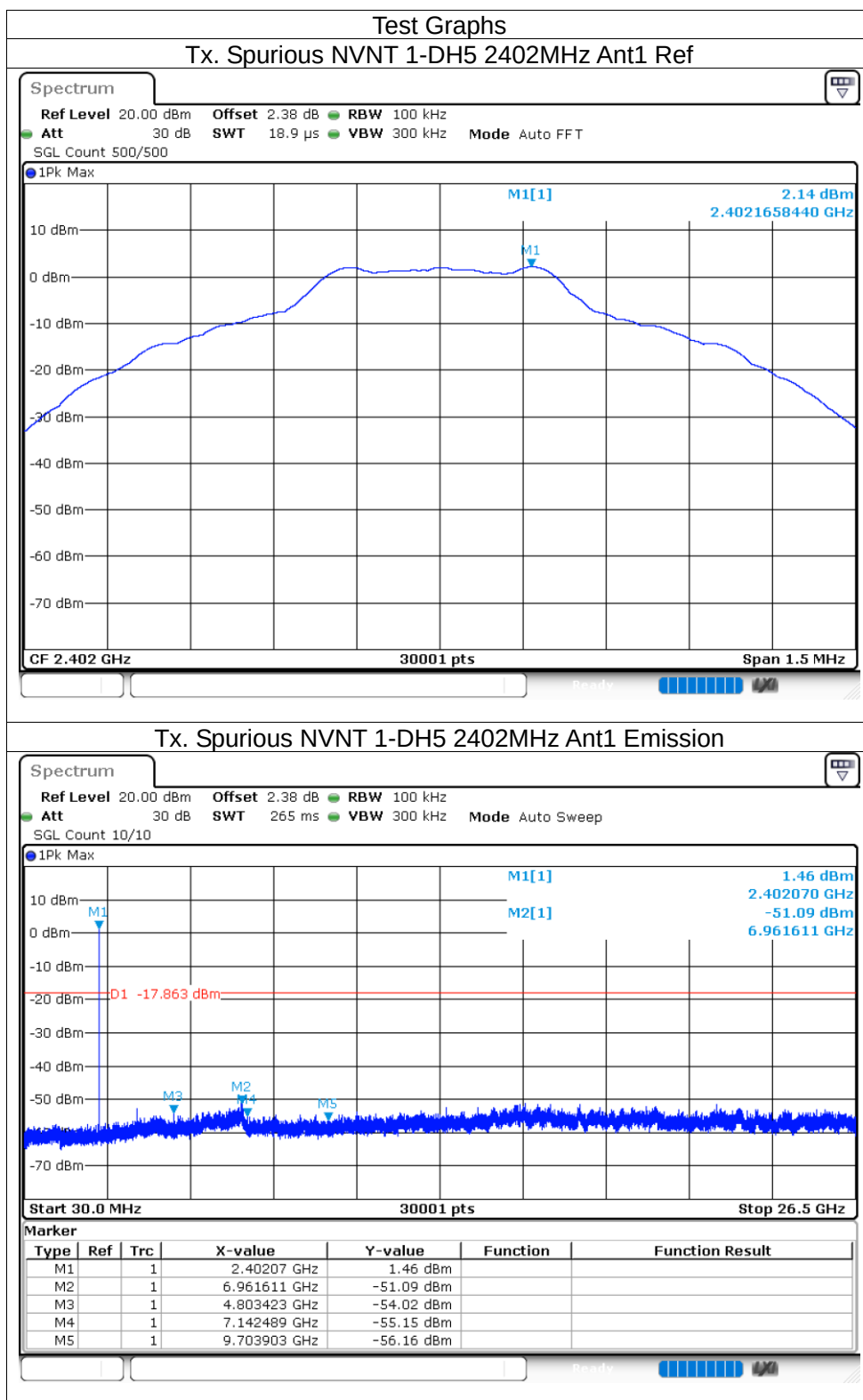
Marker

| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.47885 GHz | 3.17 dBm   |          |                 |
| M2   | 1   |     | 2.4835 GHz  | -53.63 dBm |          |                 |
| M3   | 1   |     | 2.5 GHz     | -53.01 dBm |          |                 |
| M4   | 1   |     | 2.4994 GHz  | -52.06 dBm |          |                 |

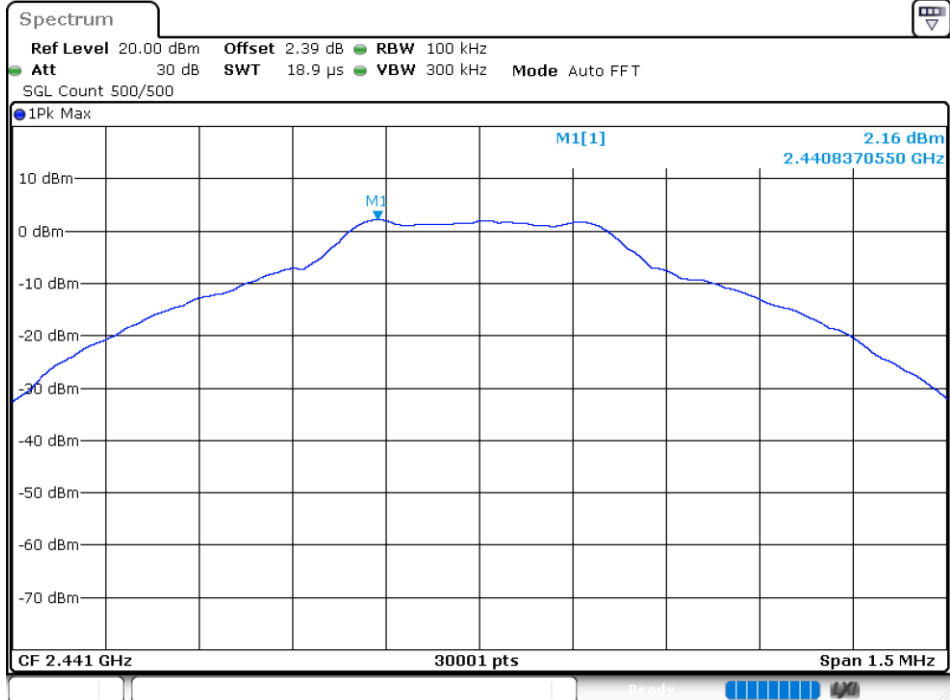
## 8.9 CONDUCTED RF SPURIOUS EMISSION

| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -53.23          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -51.26          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -50.6           | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -52.07          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -51.6           | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -48.18          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -53.56          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -51.59          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -49.47          | -20         | Pass    |

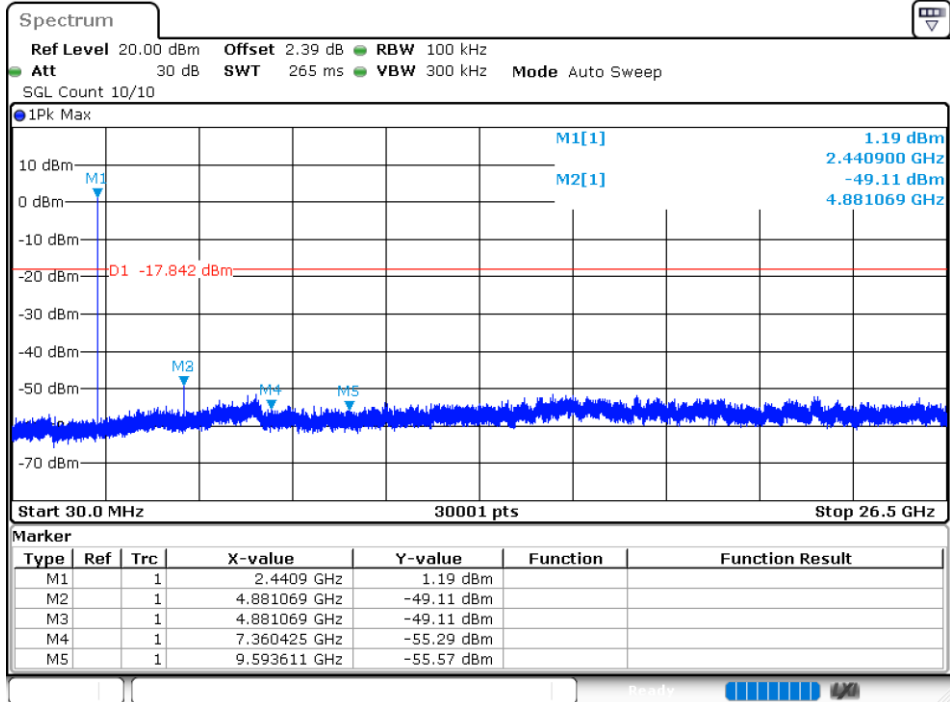




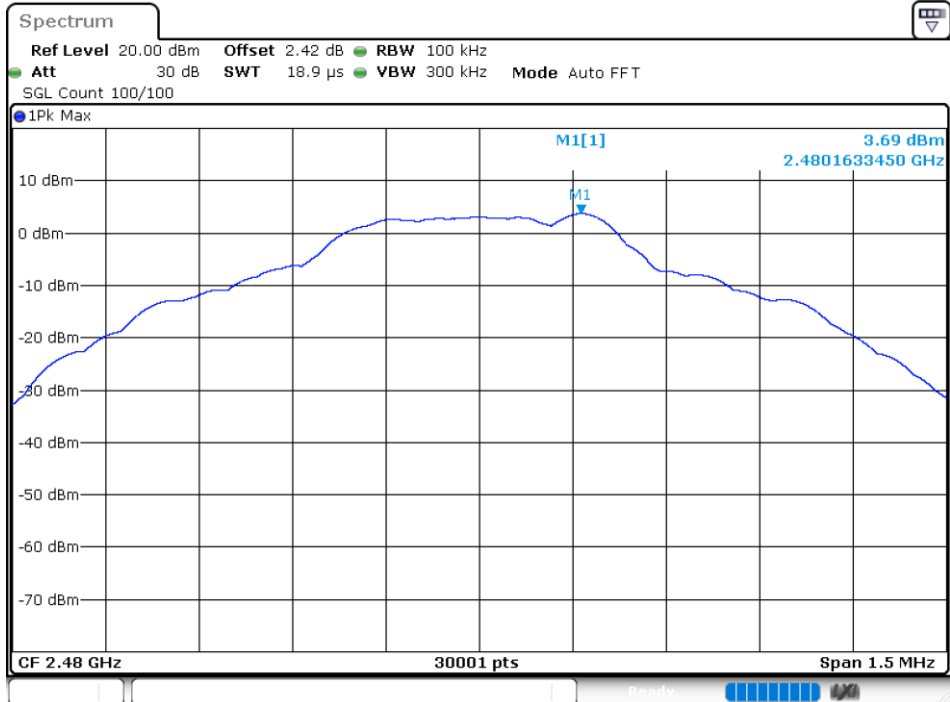
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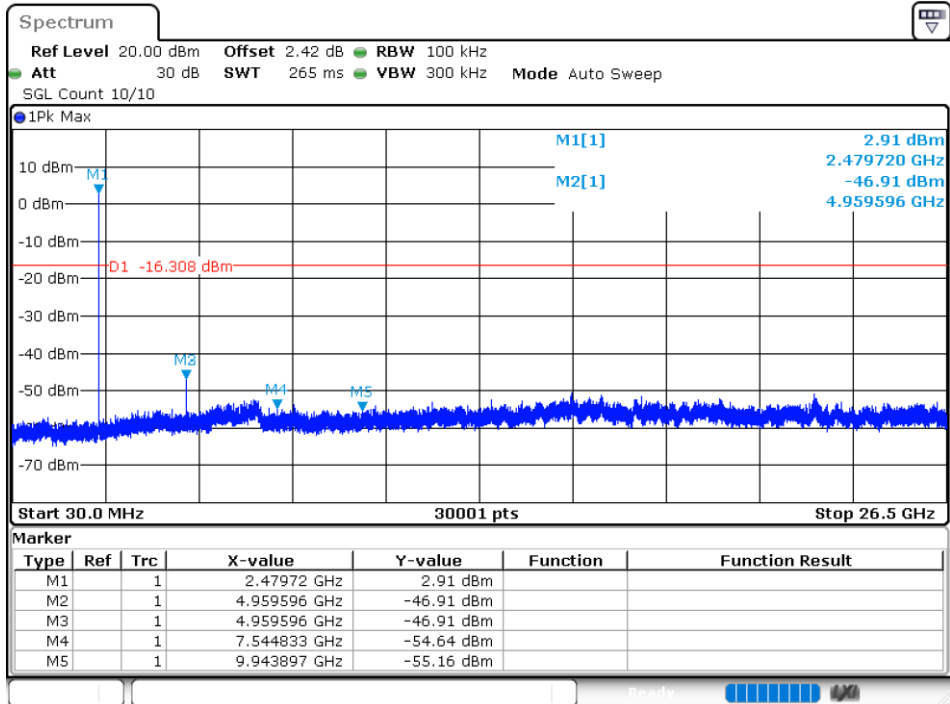
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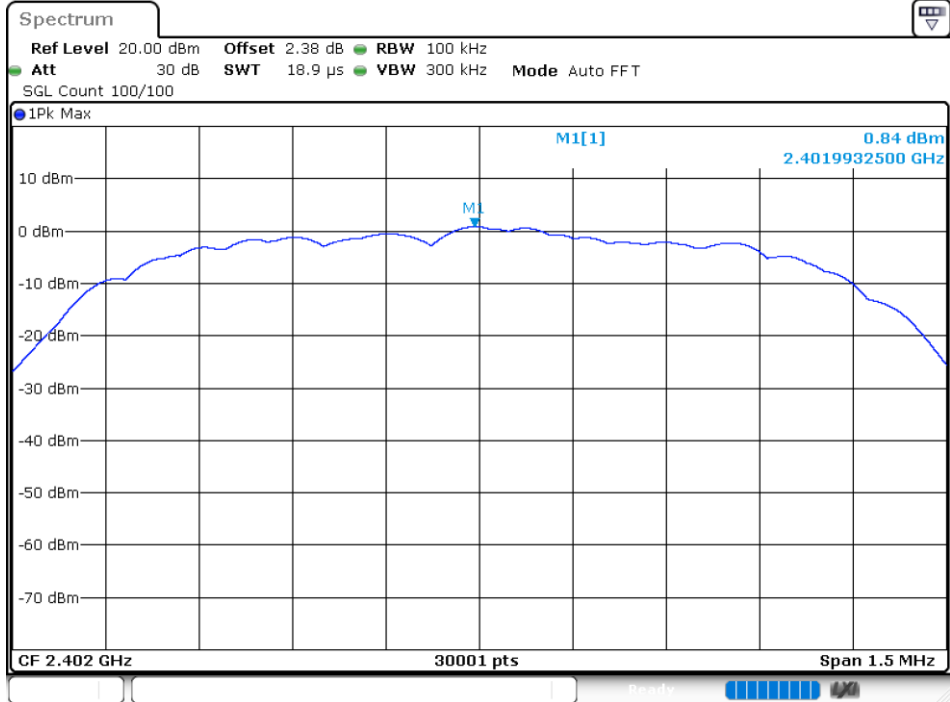
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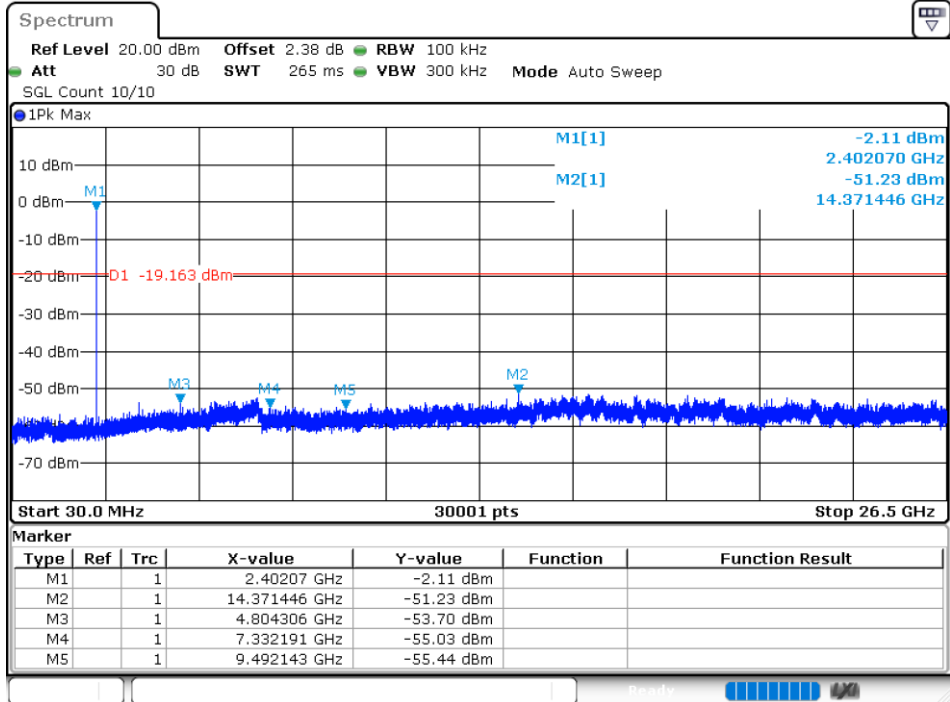
### Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



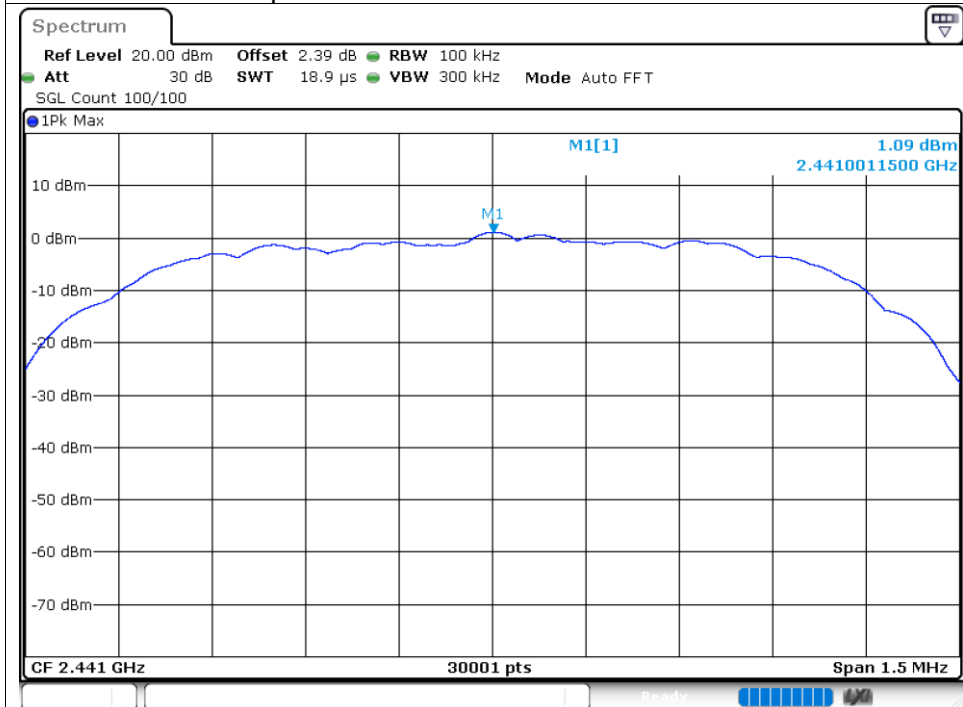
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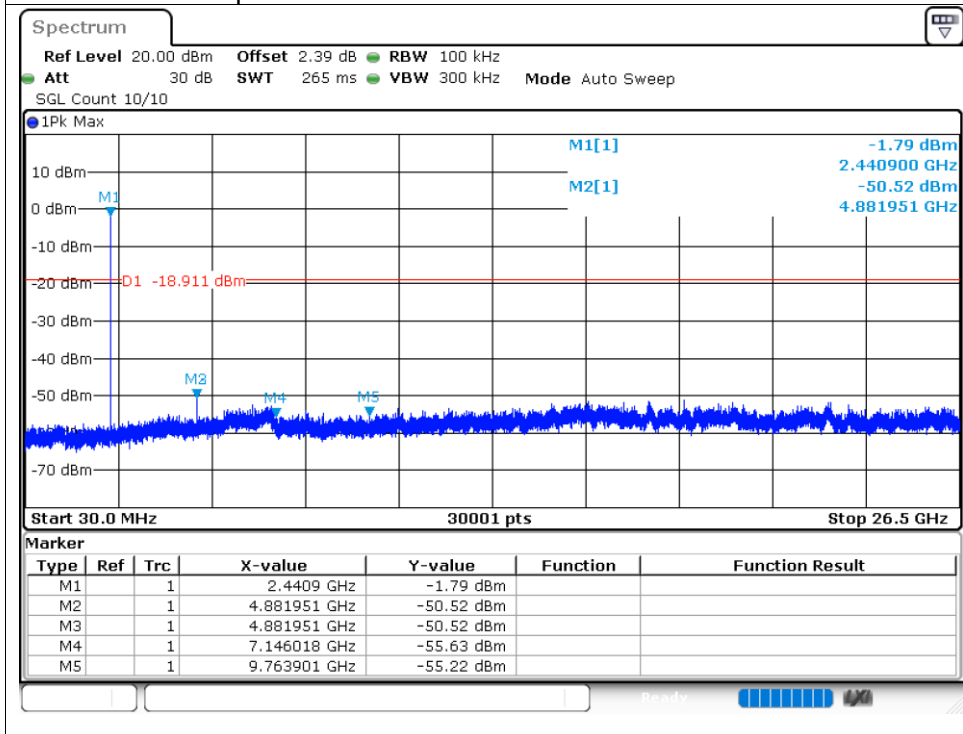
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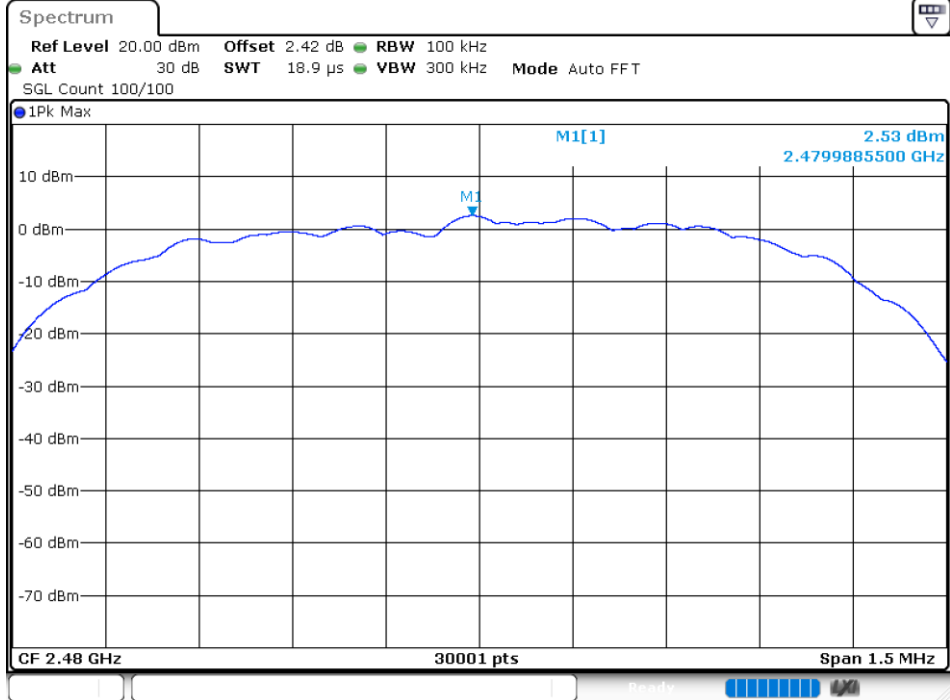
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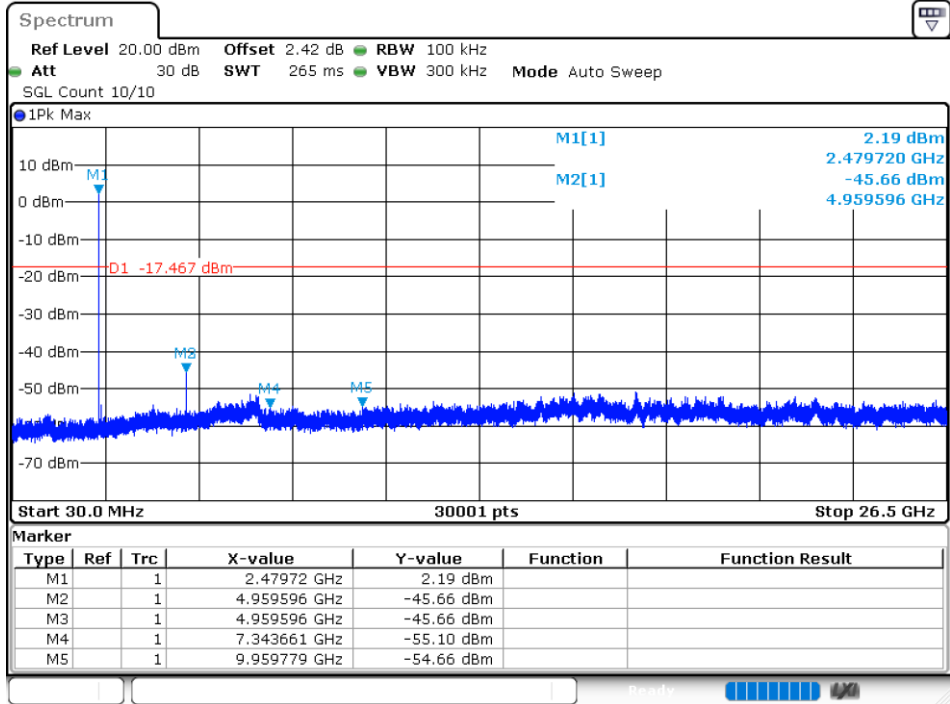
### Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



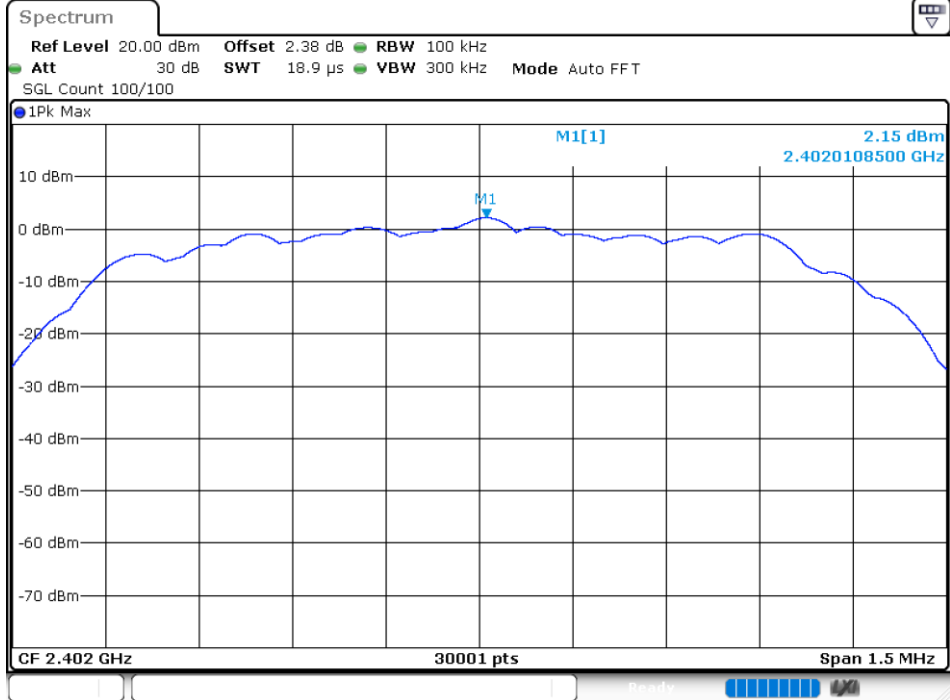
### Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



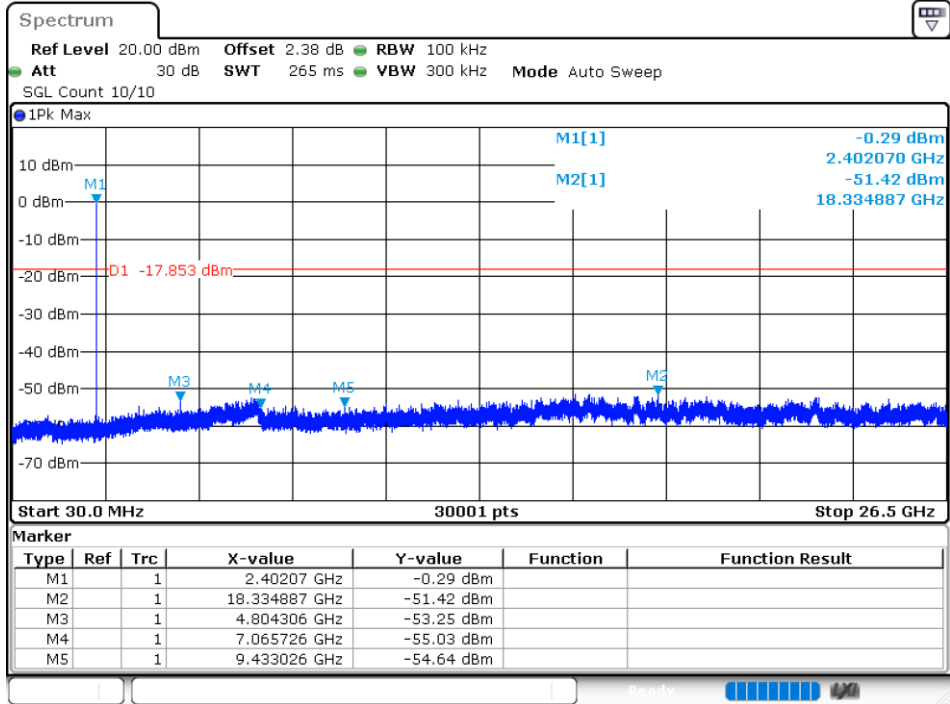
### Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



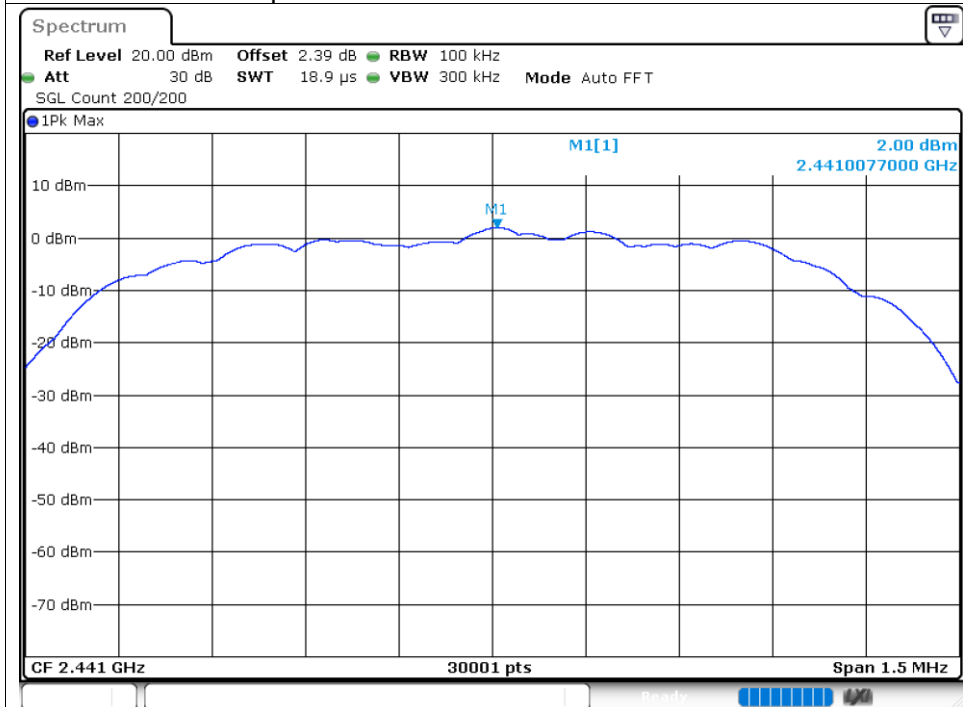
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



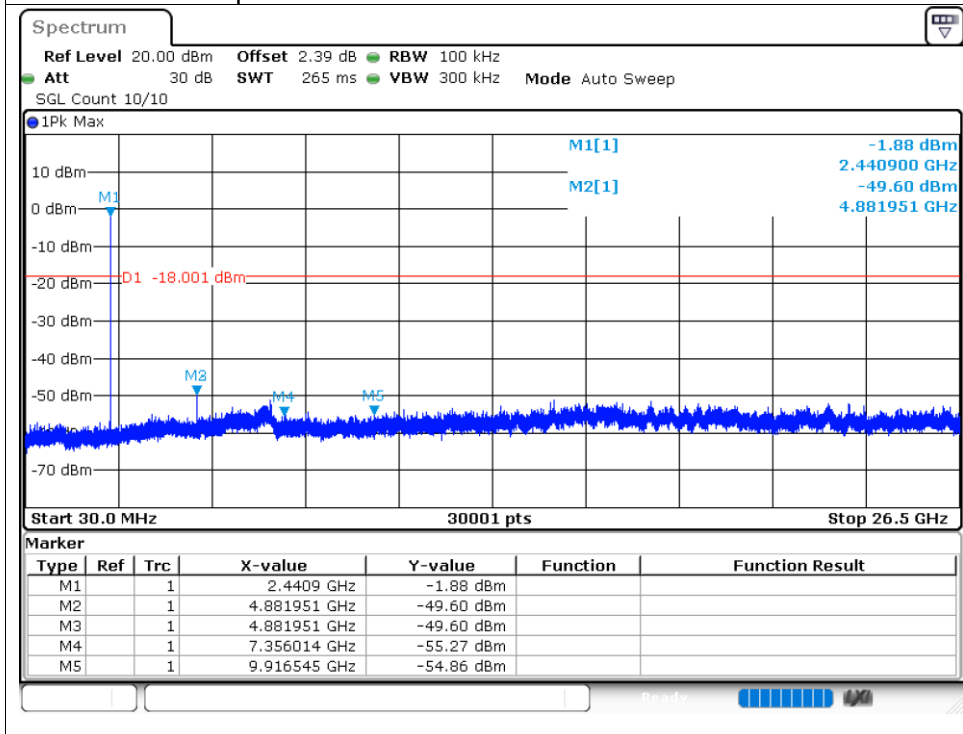
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



### Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref

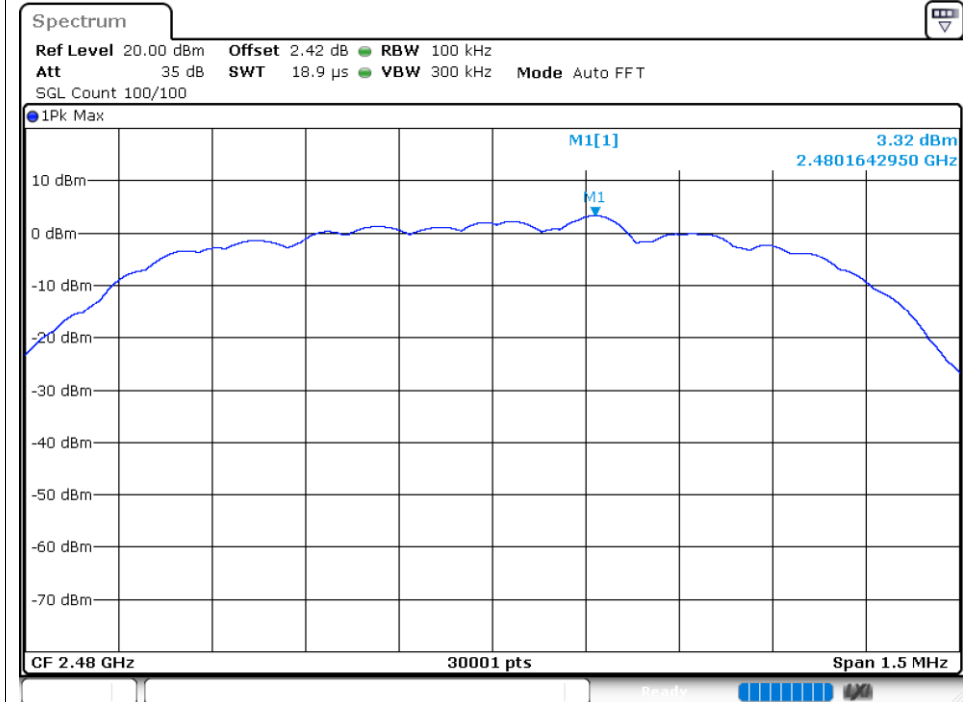


### Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission

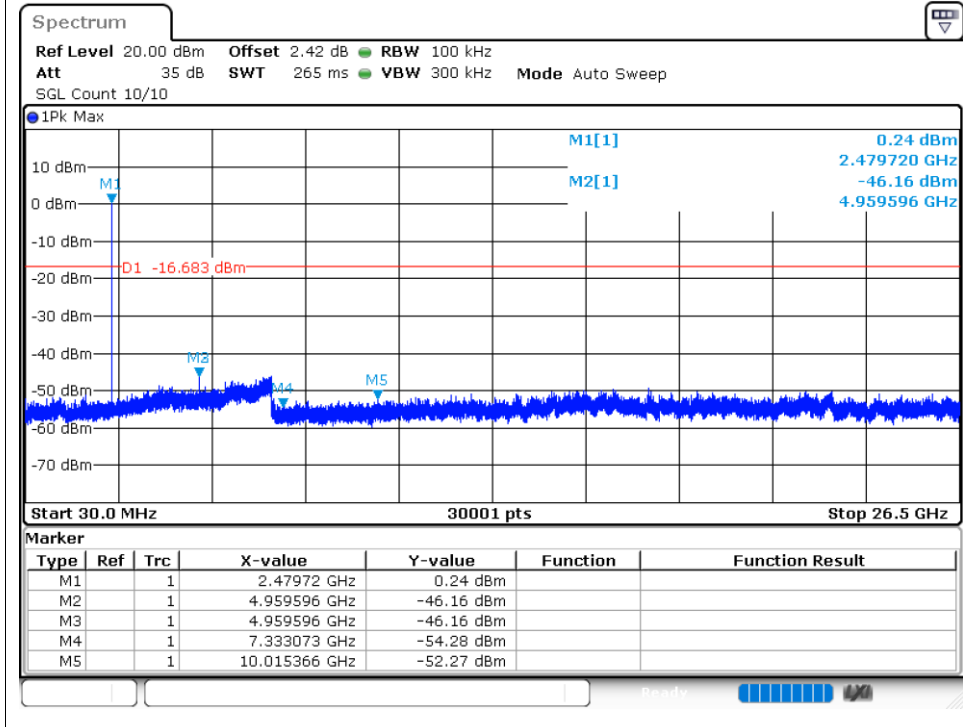




### Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



### Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



END OF REPORT