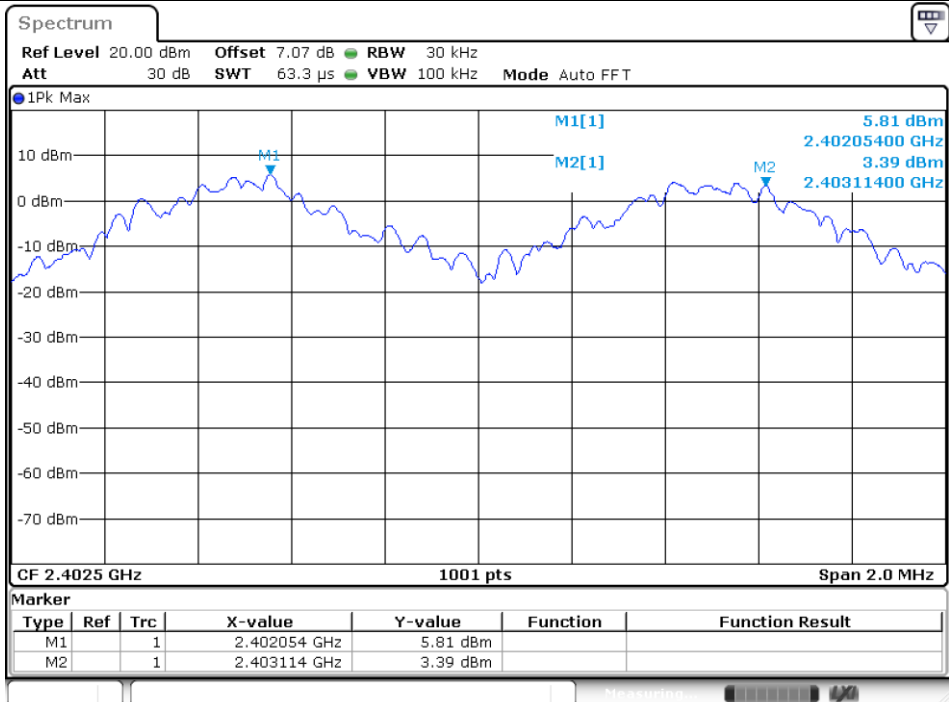


## 8.5 CARRIER FREQUENCIES SEPARATION

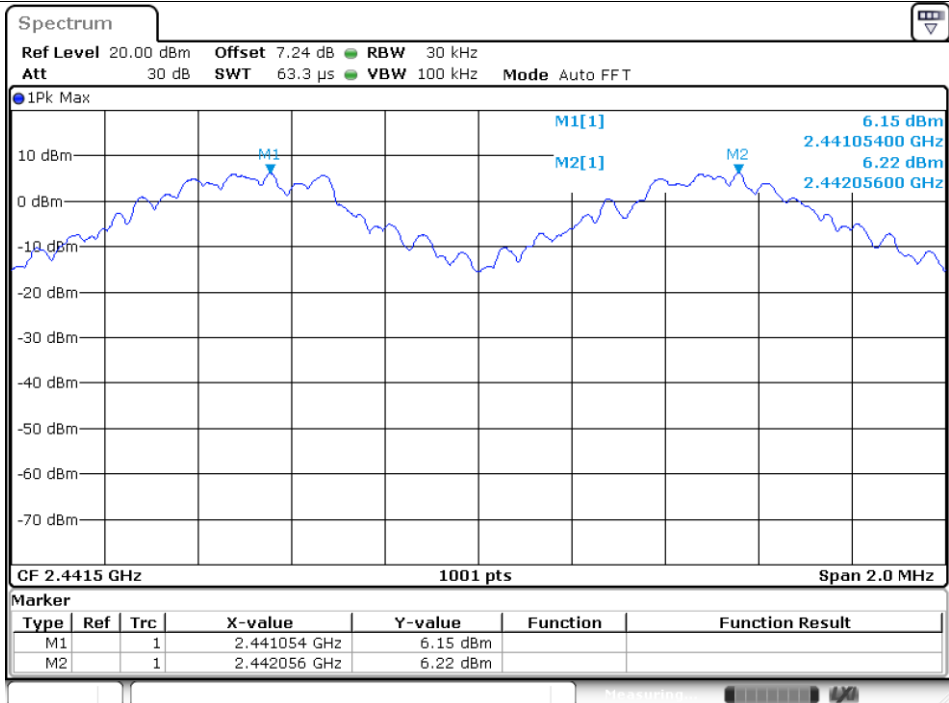
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2402.054            | 2403.114            | 1.06      | 0.632       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2441.054            | 2442.056            | 1.002     | 0.632       | Pass    |
| NVNT      | 1-DH5 | Ant1    | 2479.162            | 2480.166            | 1.004     | 0.636       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2402.002            | 2403.002            | 1         | 0.896       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2440.992            | 2442.008            | 1.016     | 0.904       | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2479.011            | 2480.019            | 1.008     | 0.912       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2402.164            | 2403.166            | 1.002     | 0.889       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2441.002            | 2441.992            | 0.99      | 0.869       | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2478.816            | 2479.99             | 1.174     | 0.893       | Pass    |

### Test Graphs

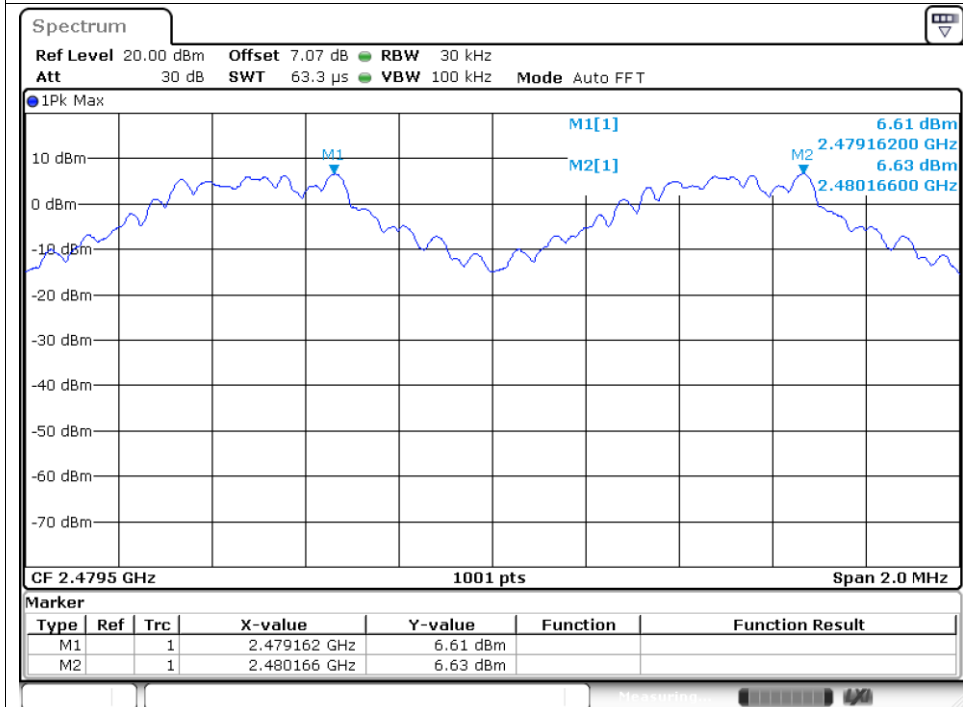
#### CFS NVNT 1-DH5 2402MHz Ant1



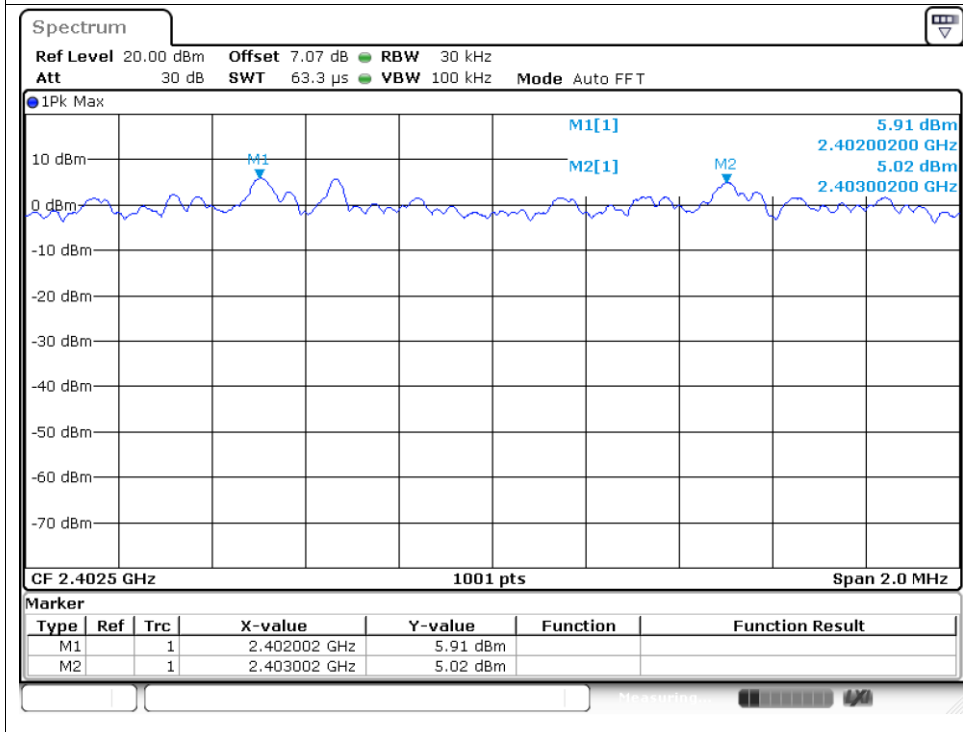
#### CFS NVNT 1-DH5 2441MHz Ant1



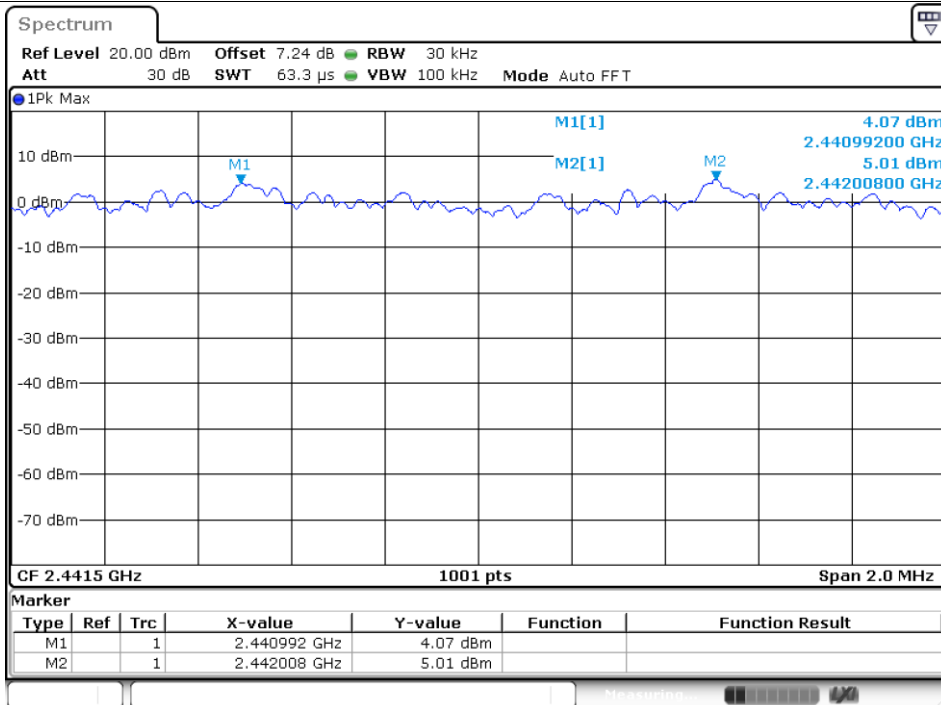
### CFS NVNT 1-DH5 2480MHz Ant1



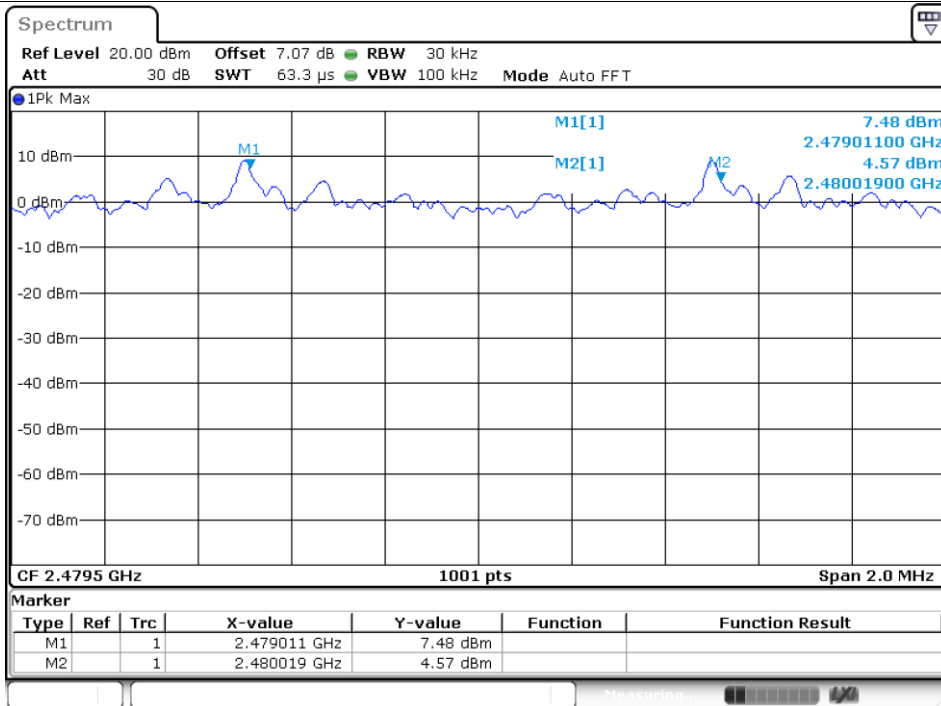
### CFS NVNT 2-DH5 2402MHz Ant1



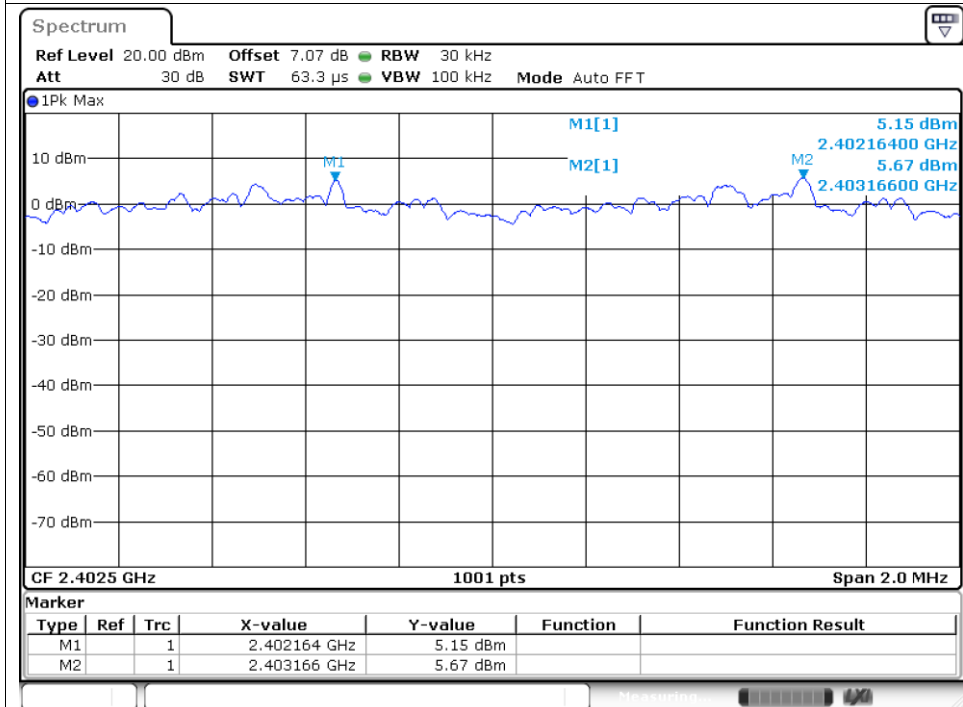
### CFS NVNT 2-DH5 2441MHz Ant1



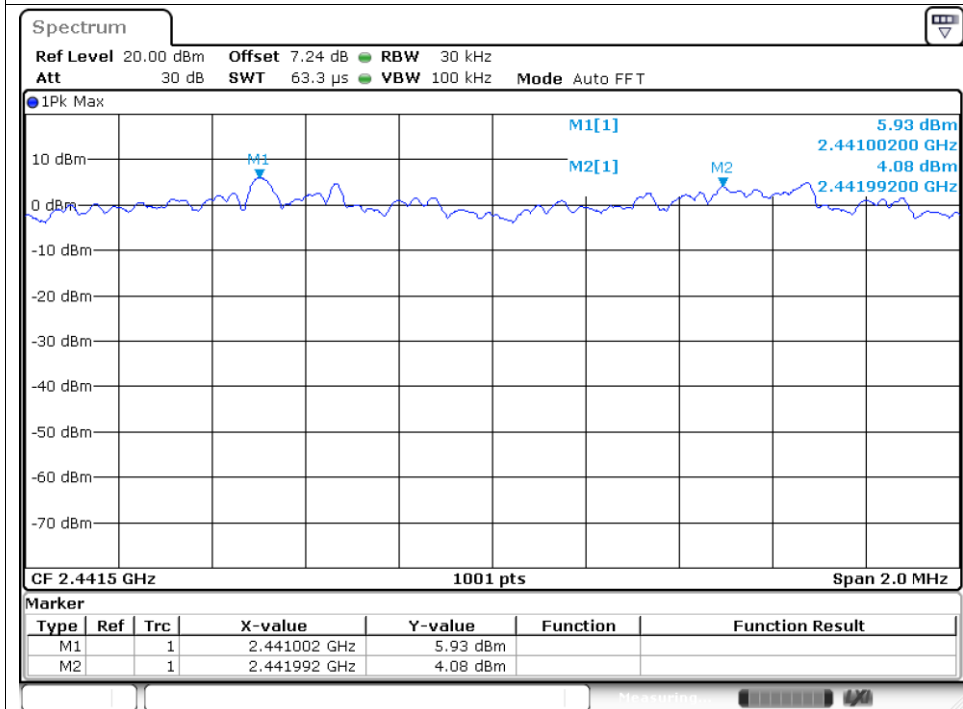
### CFS NVNT 2-DH5 2480MHz Ant1

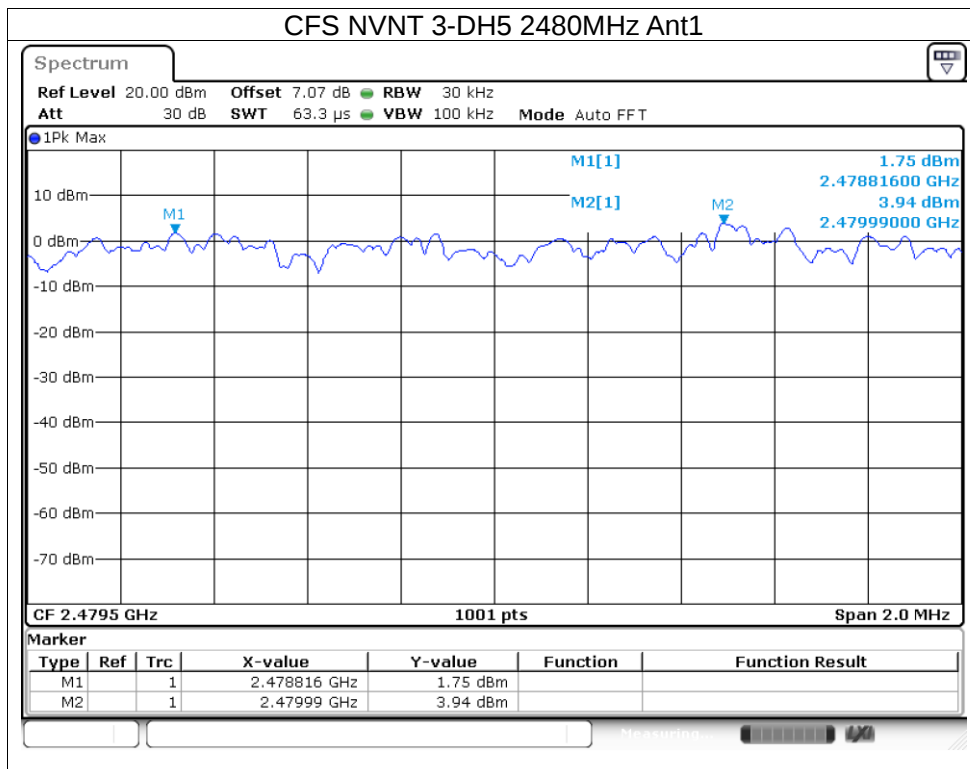


### CFS NVNT 3-DH5 2402MHz Ant1



### CFS NVNT 3-DH5 2441MHz Ant1



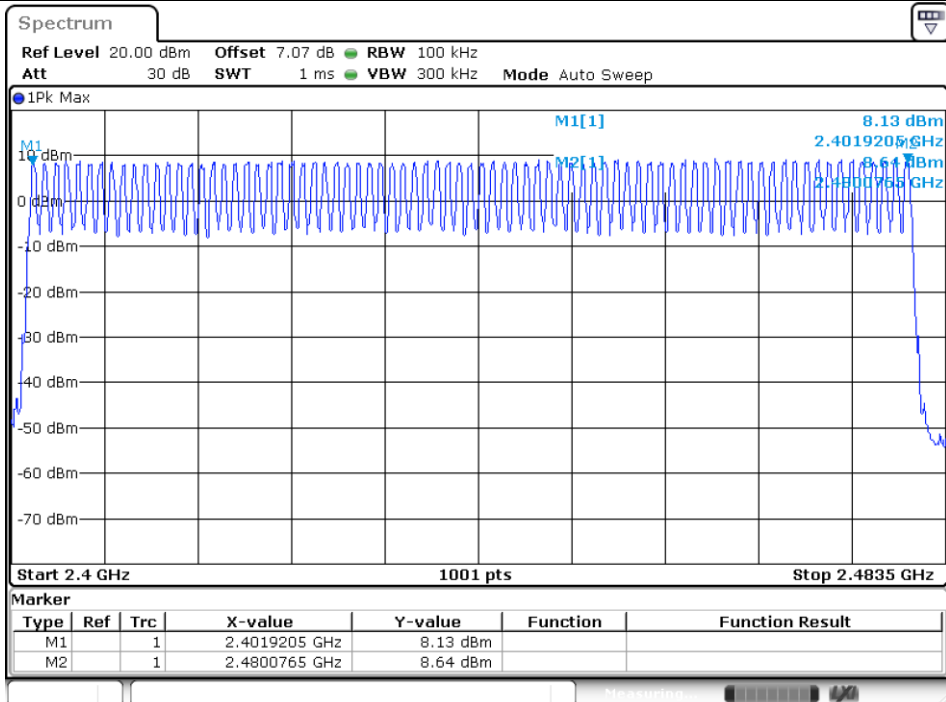


## 8.6 NUMBER OF HOPPING CHANNEL

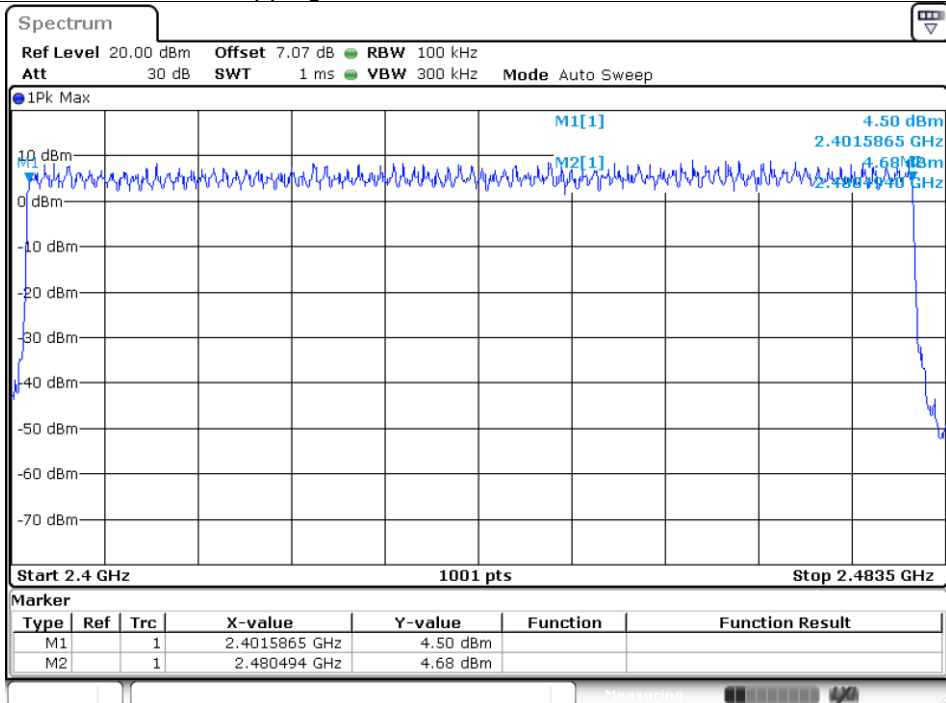
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79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

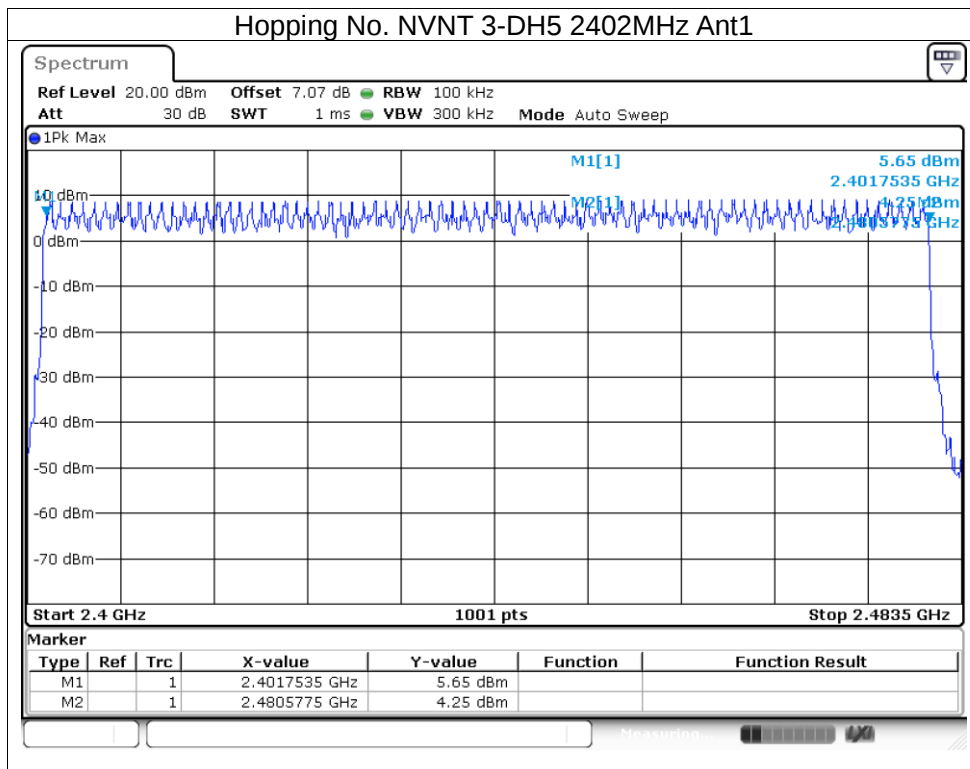
### Test Graphs

#### Hopping No. NVNT 1-DH5 2402MHz Ant1



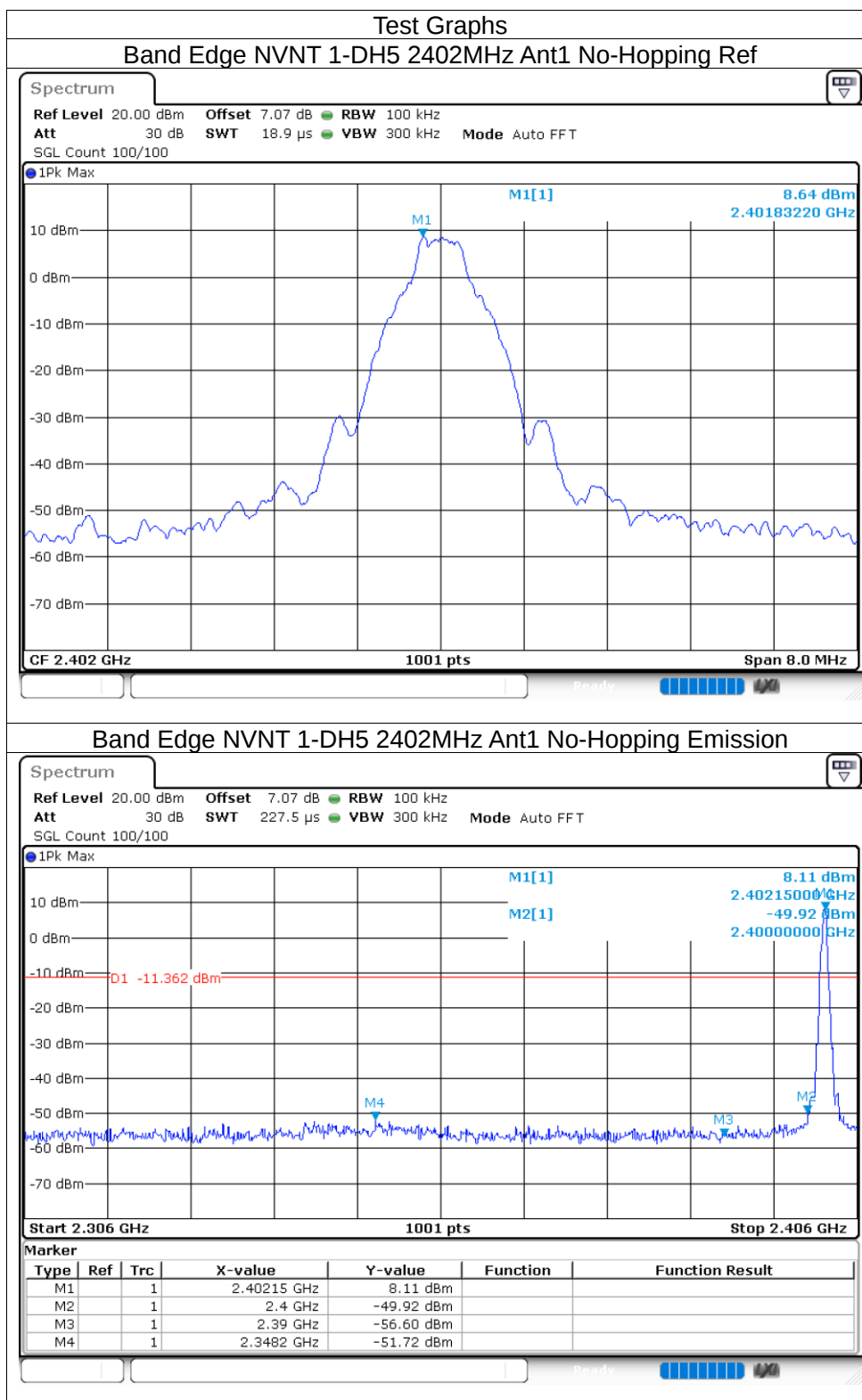
#### Hopping No. NVNT 2-DH5 2402MHz Ant1





## 8.7 BAND EDGE

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -60.36          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -61.35          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | No-Hopping   | -55.56          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | No-Hopping   | -56.95          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | No-Hopping   | -57.03          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | No-Hopping   | -55.81          | -20         | Pass    |

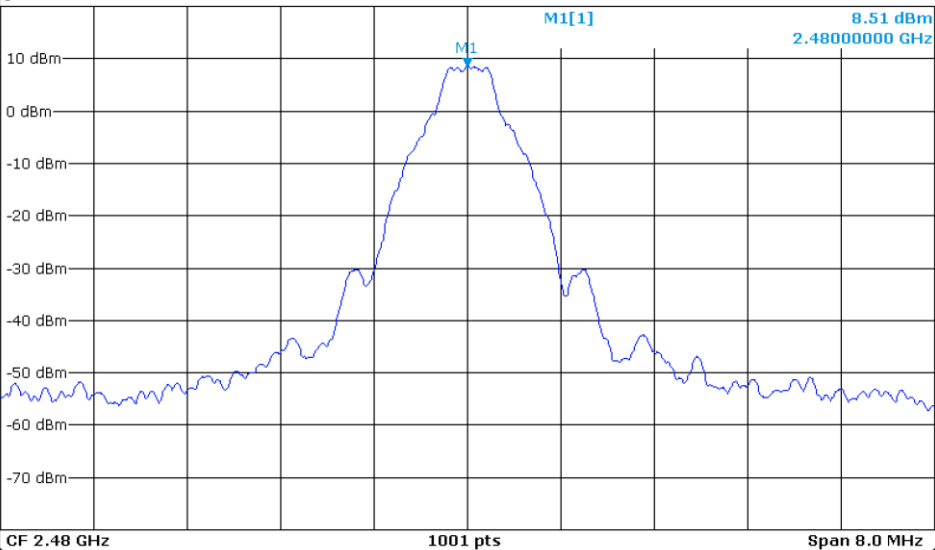


### Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max

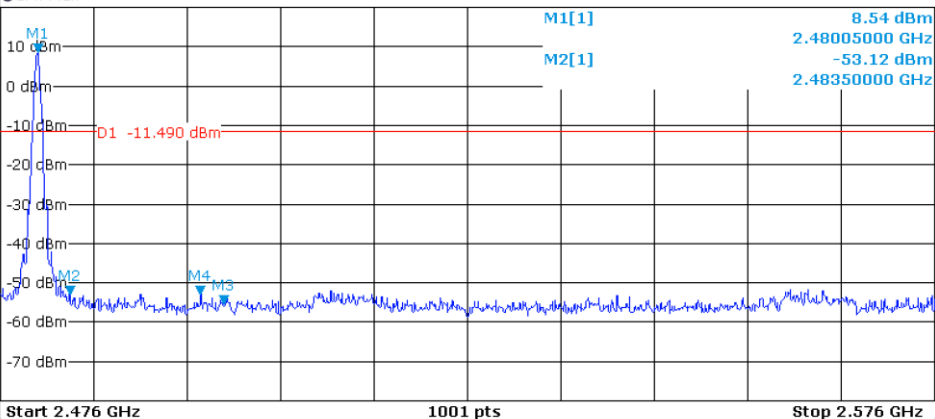


### Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max



Marker

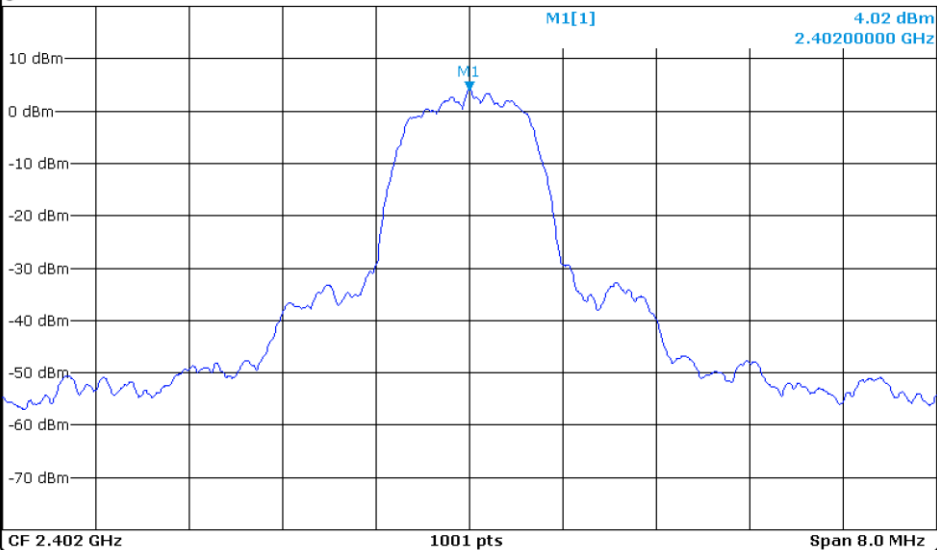
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.48005 GHz | 8.54 dBm   |          |                 |
| M2   | 1   |     | 2.4835 GHz  | -53.12 dBm |          |                 |
| M3   | 1   |     | 2.5 GHz     | -55.38 dBm |          |                 |
| M4   | 1   |     | 2.4974 GHz  | -52.84 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max

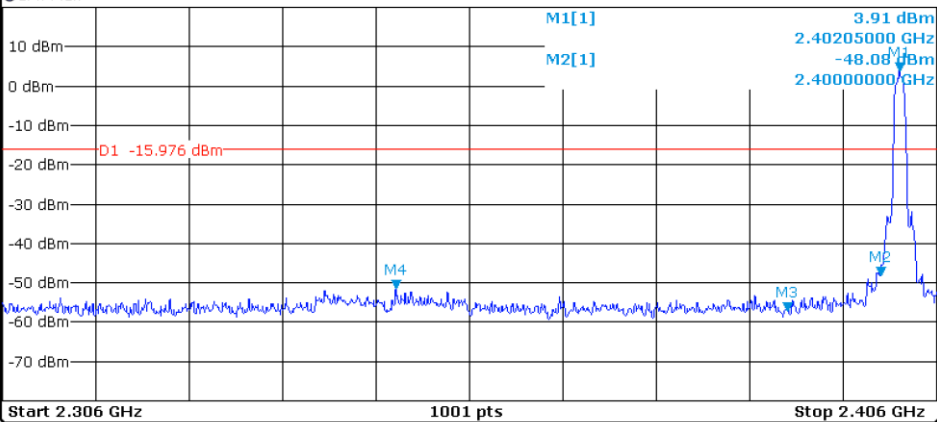


### Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max



Marker

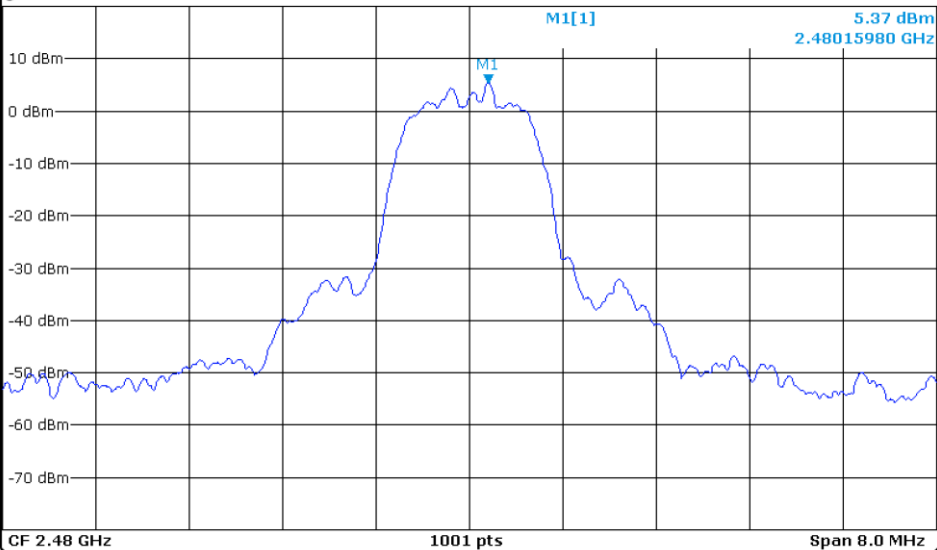
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.40205 GHz | 3.91 dBm   |          |                 |
| M2   | 1   |     | 2.4 GHz     | -48.08 dBm |          |                 |
| M3   | 1   |     | 2.39 GHz    | -57.18 dBm |          |                 |
| M4   | 1   |     | 2.3481 GHz  | -51.55 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max

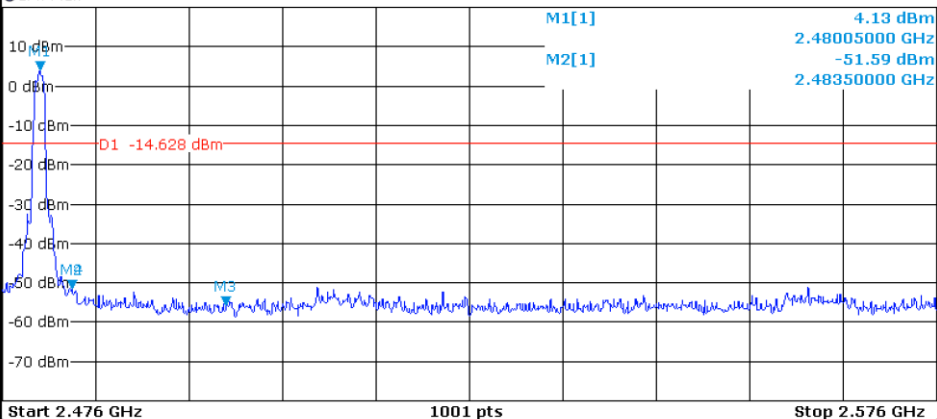


### Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max



Marker

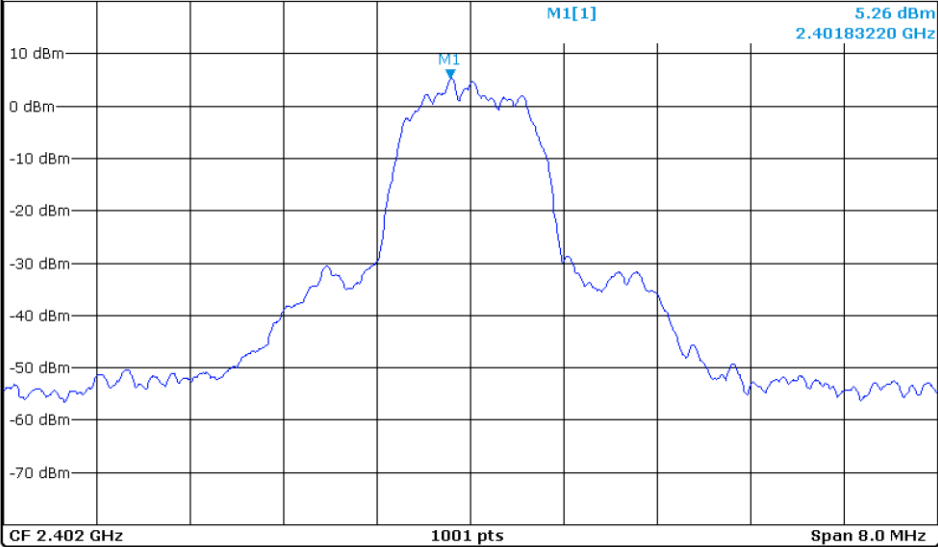
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.48005 GHz | 4.13 dBm   |          |                 |
| M2   | 1   |     | 2.4835 GHz  | -51.59 dBm |          |                 |
| M3   | 1   |     | 2.5 GHz     | -55.81 dBm |          |                 |
| M4   | 1   |     | 2.4835 GHz  | -51.59 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max

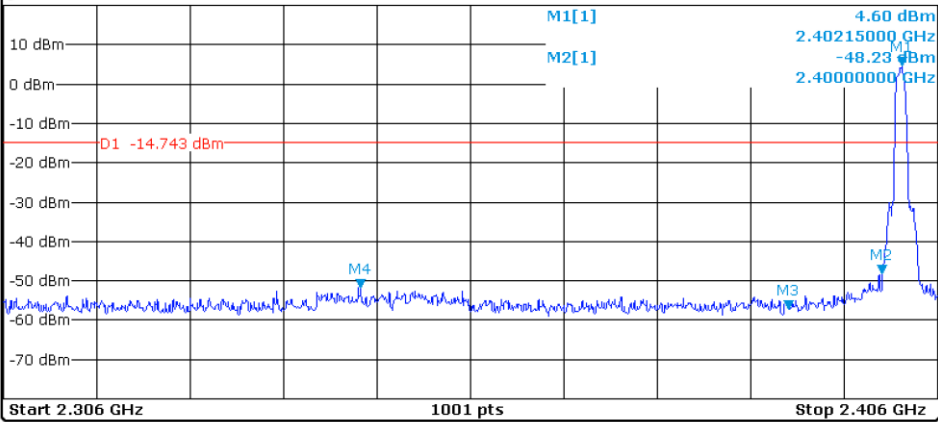


### Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max



Marker

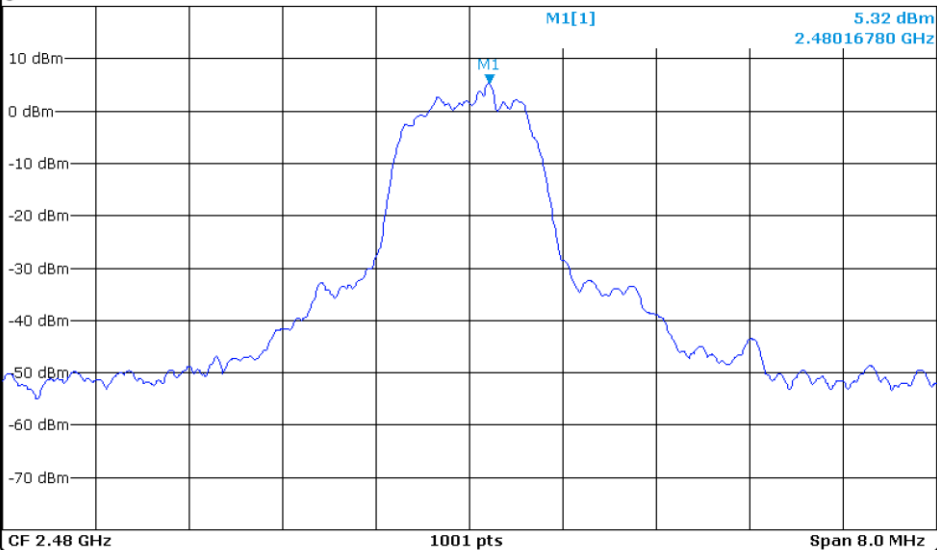
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.40215 GHz | 4.60 dBm   |          |                 |
| M2   | 1   |     | 2.4 GHz     | -48.23 dBm |          |                 |
| M3   | 1   |     | 2.39 GHz    | -57.29 dBm |          |                 |
| M4   | 1   |     | 2.3442 GHz  | -51.78 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max

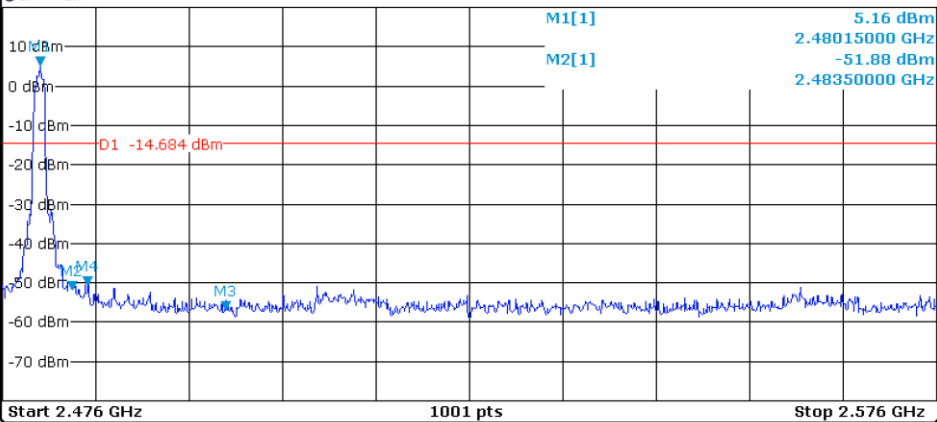


### Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 100/100

1Pk Max



Marker

| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.48015 GHz | 5.16 dBm   |          |                 |
| M2   |     | 1   | 2.4835 GHz  | -51.88 dBm |          |                 |
| M3   |     | 1   | 2.5 GHz     | -56.73 dBm |          |                 |
| M4   |     | 1   | 2.4851 GHz  | -50.50 dBm |          |                 |

## 8.8 BAND EDGE(HOPPING)

| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -59.8           | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -61.22          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | Hopping      | -59.29          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | Hopping      | -60.41          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | Hopping      | -59.8           | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | Hopping      | -59.81          | -20         | Pass    |

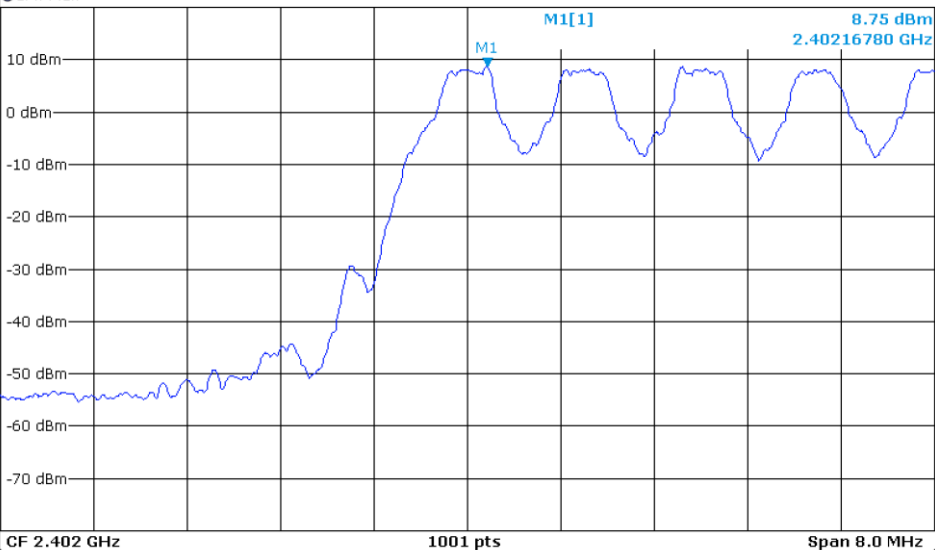
### Test Graphs

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

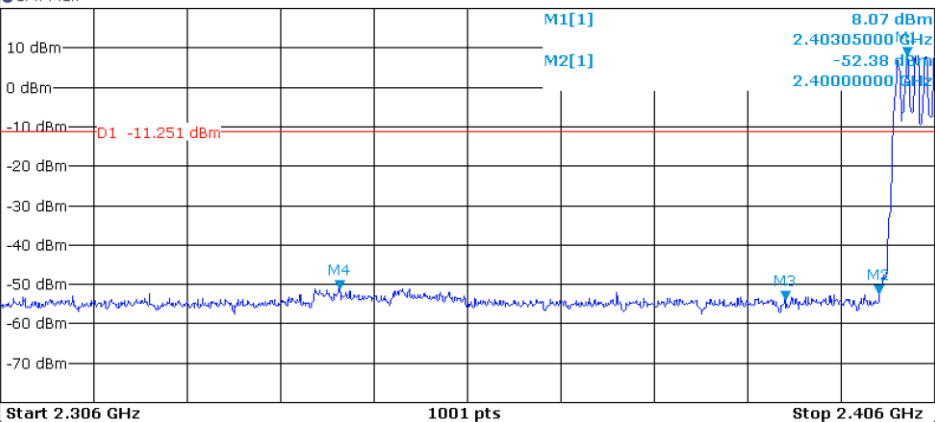


#### Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



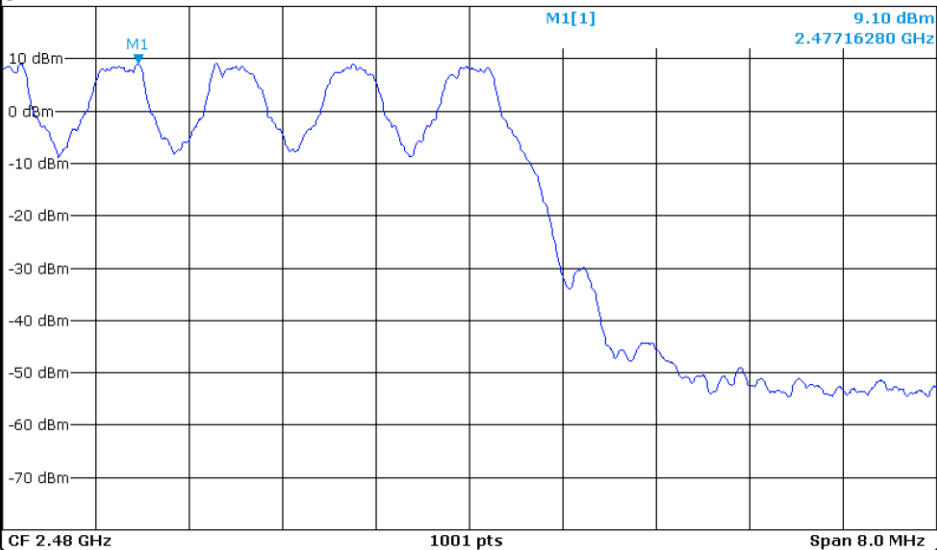
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.40305 GHz | 8.07 dBm   |          |                 |
| M2   | 1   |     | 2.4 GHz     | -52.38 dBm |          |                 |
| M3   | 1   |     | 2.39 GHz    | -53.84 dBm |          |                 |
| M4   | 1   |     | 2.3423 GHz  | -51.05 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

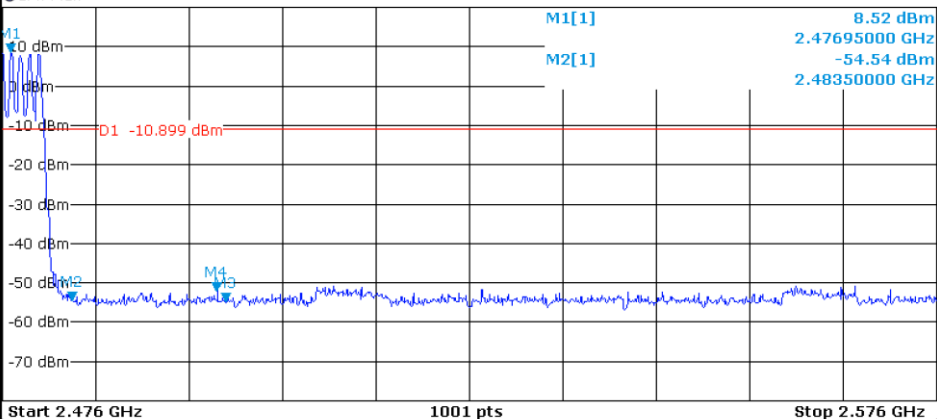


### Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



Marker

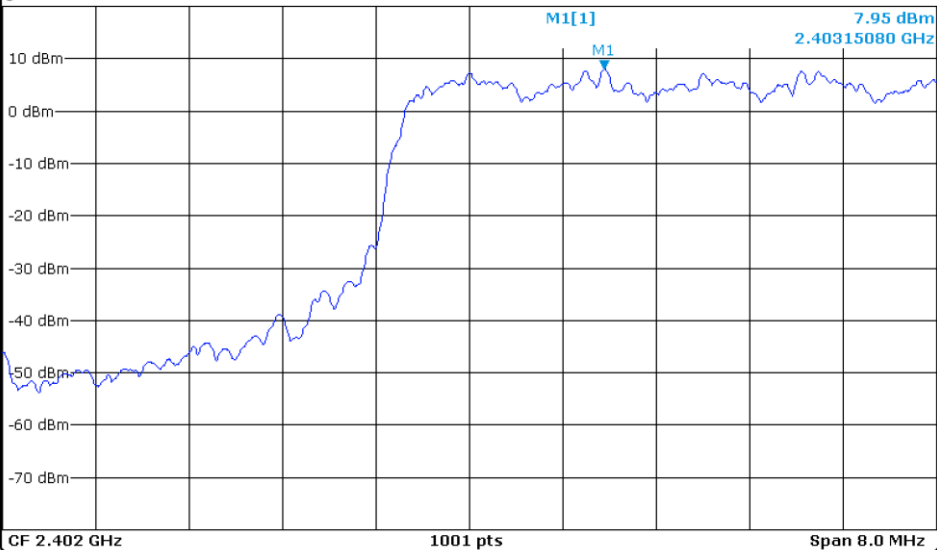
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.47695 GHz | 8.52 dBm   |          |                 |
| M2   |     | 1   | 2.4835 GHz  | -54.54 dBm |          |                 |
| M3   |     | 1   | 2.5 GHz     | -54.75 dBm |          |                 |
| M4   |     | 1   | 2.499 GHz   | -52.13 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

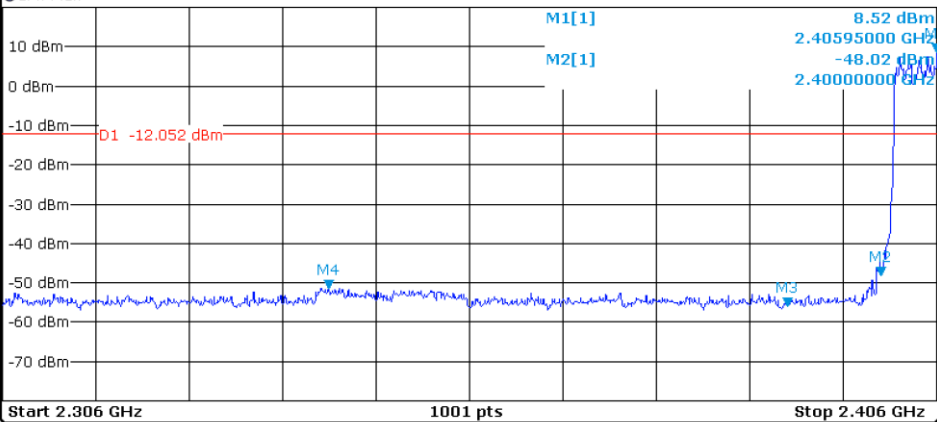


### Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



Marker

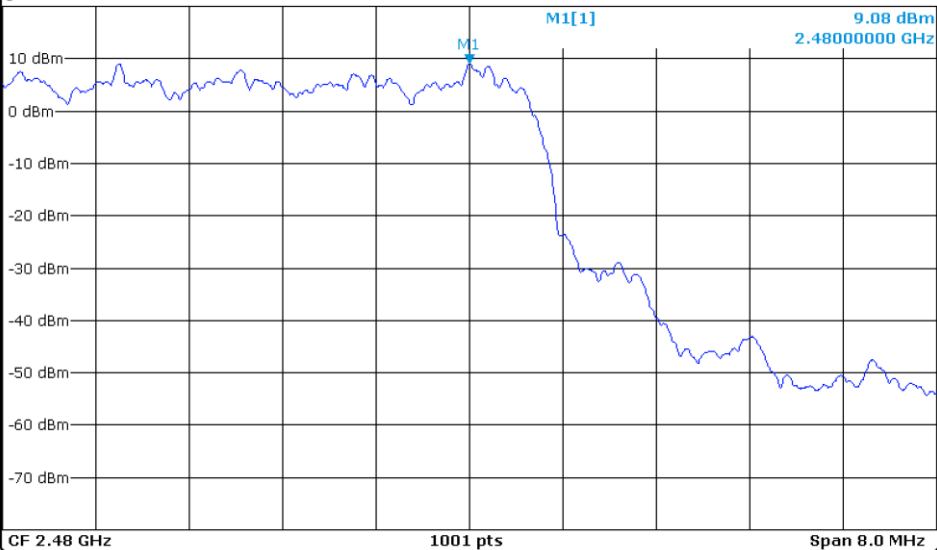
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.40595 GHz | 8.52 dBm   |          |                 |
| M2   |     | 1   | 2.4 GHz     | -48.02 dBm |          |                 |
| M3   |     | 1   | 2.39 GHz    | -56.01 dBm |          |                 |
| M4   |     | 1   | 2.3409 GHz  | -51.34 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

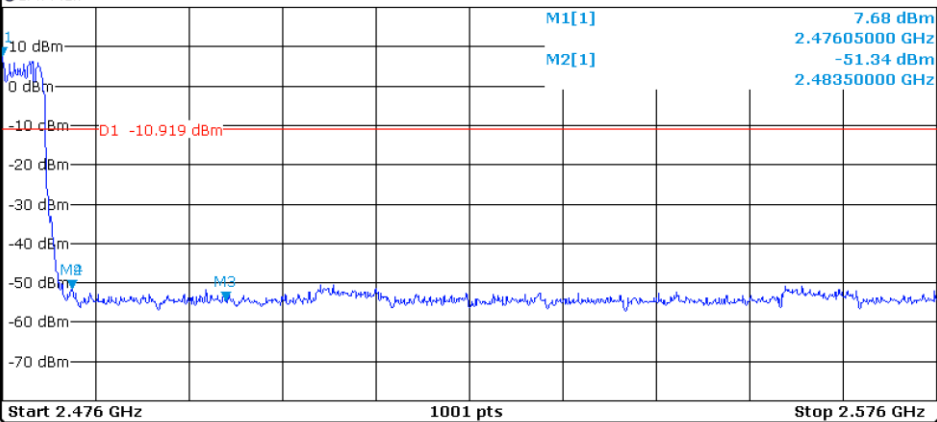


### Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



Marker

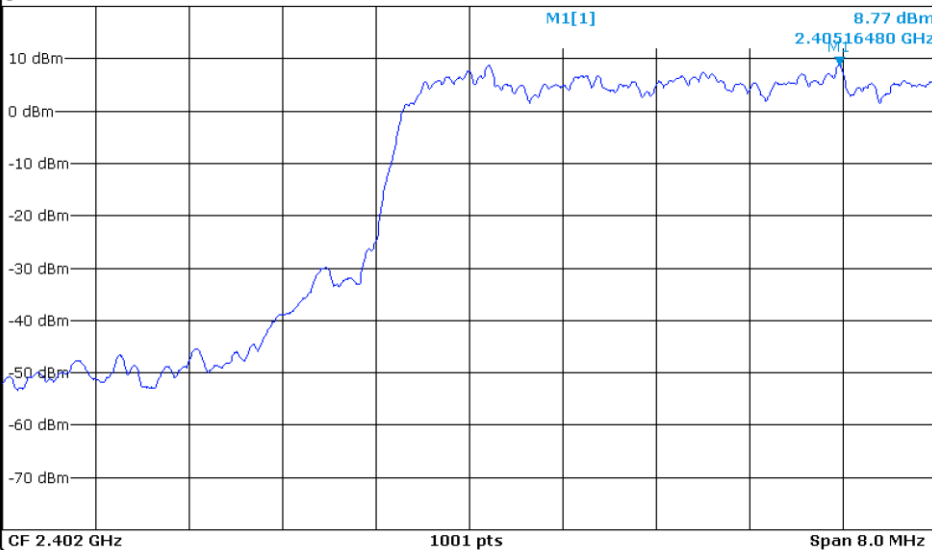
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.47605 GHz | 7.68 dBm   |          |                 |
| M2   | 1   |     | 2.4835 GHz  | -51.34 dBm |          |                 |
| M3   | 1   |     | 2.5 GHz     | -54.60 dBm |          |                 |
| M4   | 1   |     | 2.4835 GHz  | -51.34 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

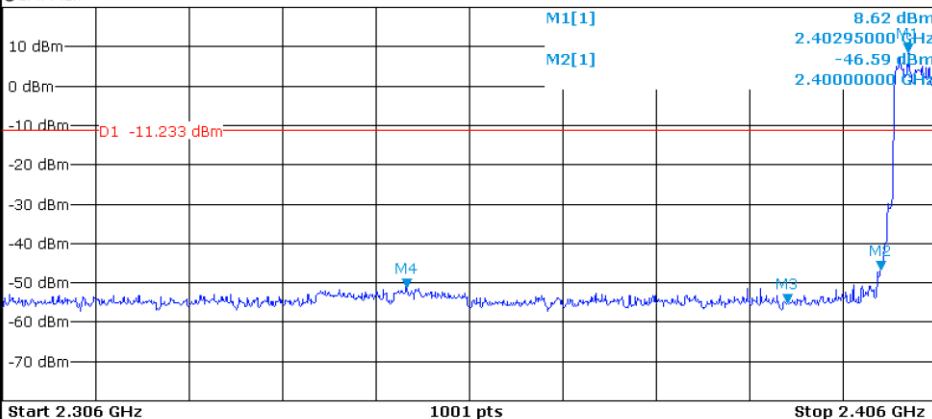


### Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



Marker

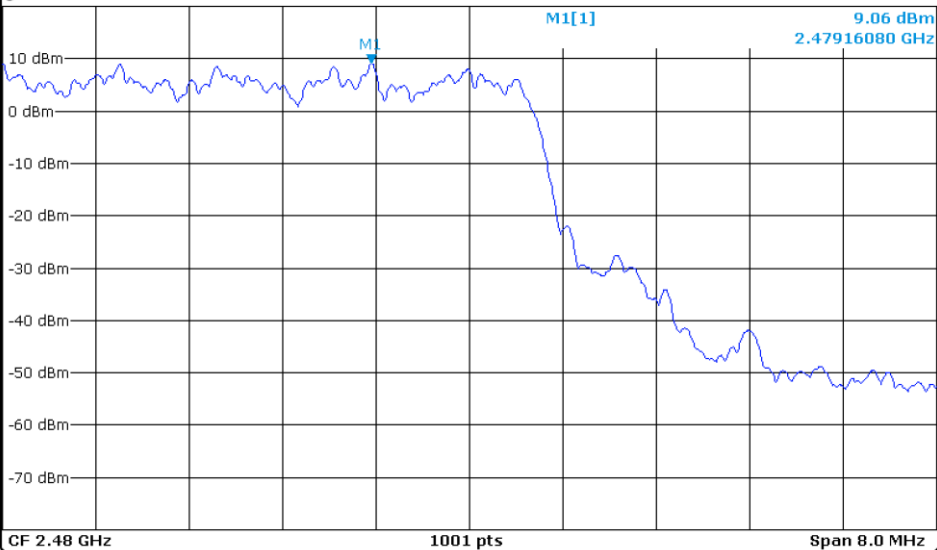
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   |     | 1   | 2.40295 GHz | 8.62 dBm   |          |                 |
| M2   |     | 1   | 2.4 GHz     | -46.59 dBm |          |                 |
| M3   |     | 1   | 2.39 GHz    | -55.17 dBm |          |                 |
| M4   |     | 1   | 2.3493 GHz  | -51.04 dBm |          |                 |

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 18.9  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 8000/8000

1Pk Max

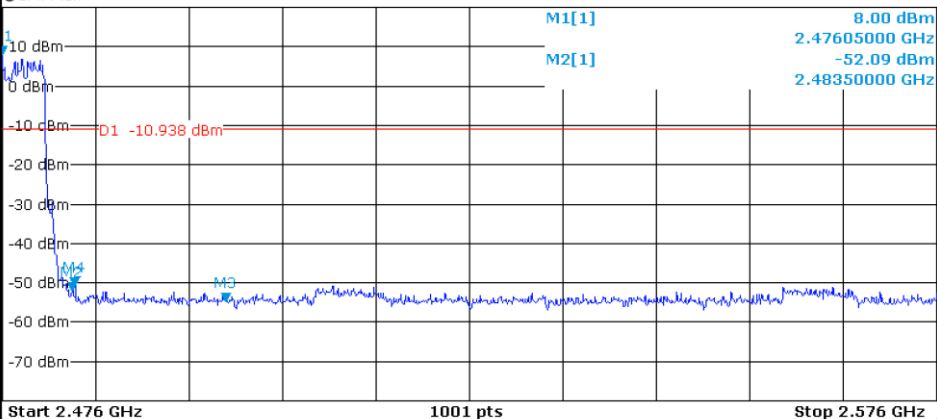


### Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz  
Att 30 dB SWT 227.5  $\mu$ s VBW 300 kHz Mode Auto FFT  
SGL Count 1200/1200

1Pk Max



Marker

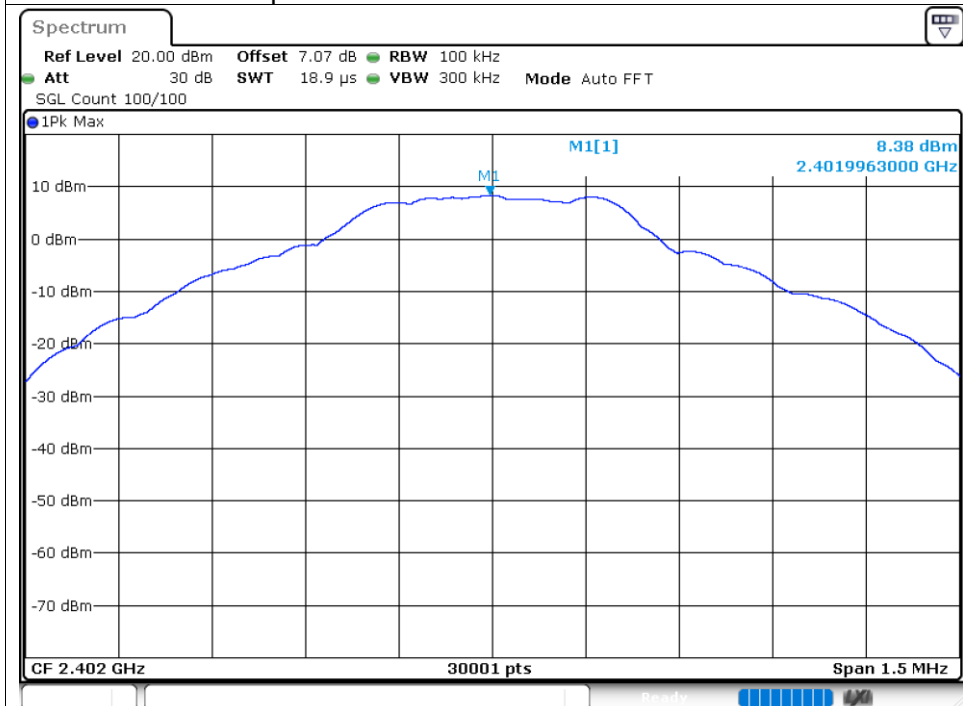
| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 2.47605 GHz | 8.00 dBm   |          |                 |
| M2   | 1   |     | 2.4835 GHz  | -52.09 dBm |          |                 |
| M3   | 1   |     | 2.5 GHz     | -54.63 dBm |          |                 |
| M4   | 1   |     | 2.4838 GHz  | -50.75 dBm |          |                 |

## 8.9 CONDUCTED RF SPURIOUS EMISSION

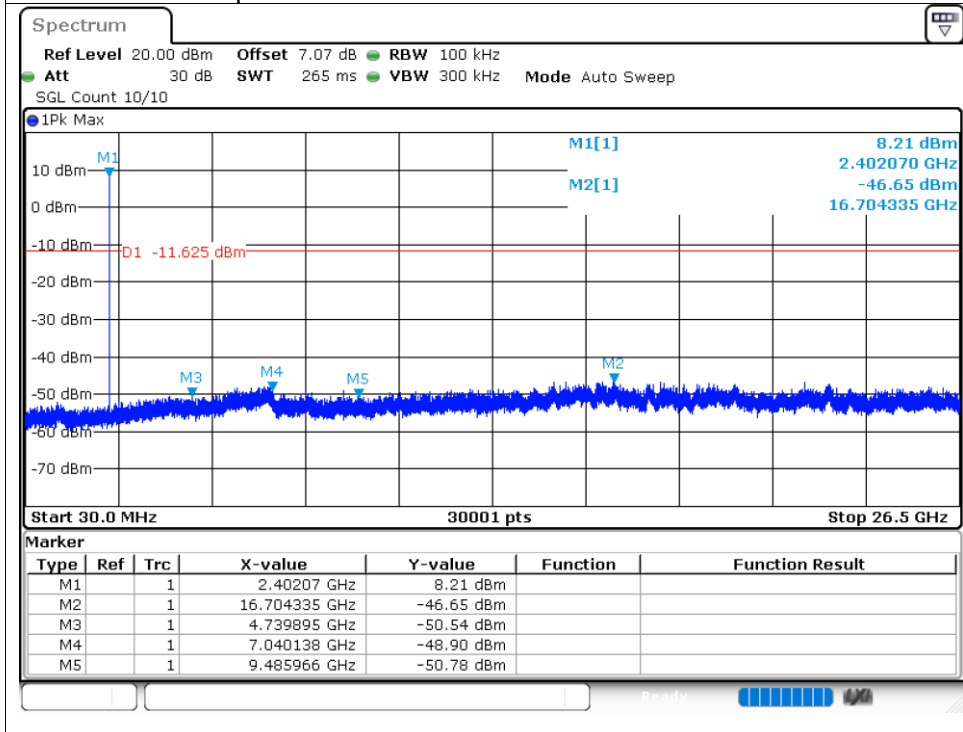
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -55.03          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -55.47          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -55.62          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -50.51          | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -51.2           | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -50.19          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -51.77          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -50.84          | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -51.65          | -20         | Pass    |

### Test Graphs

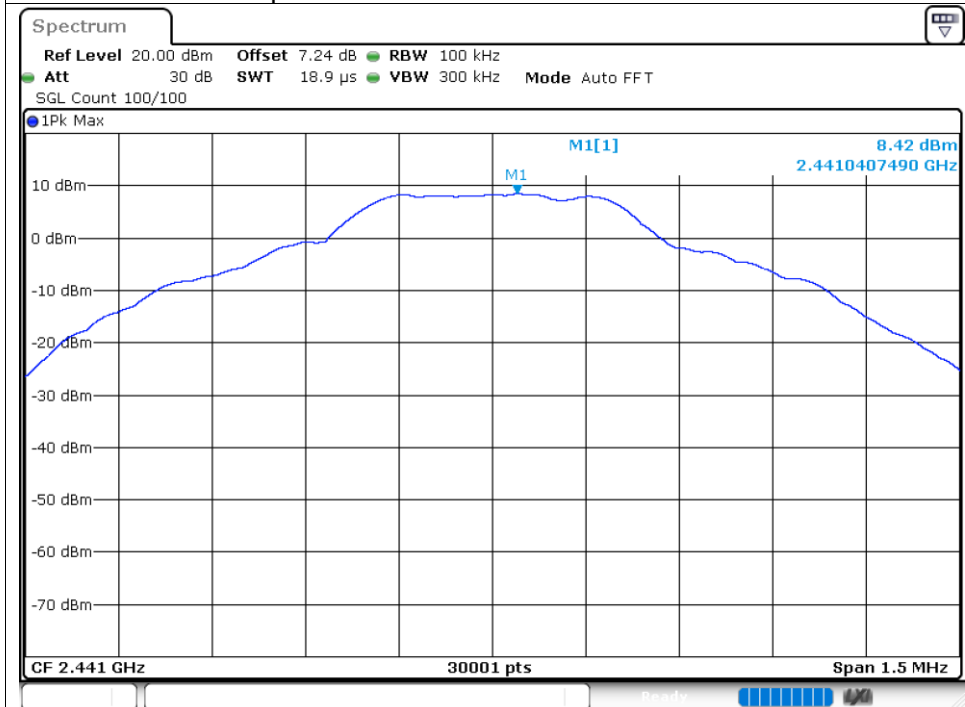
#### Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



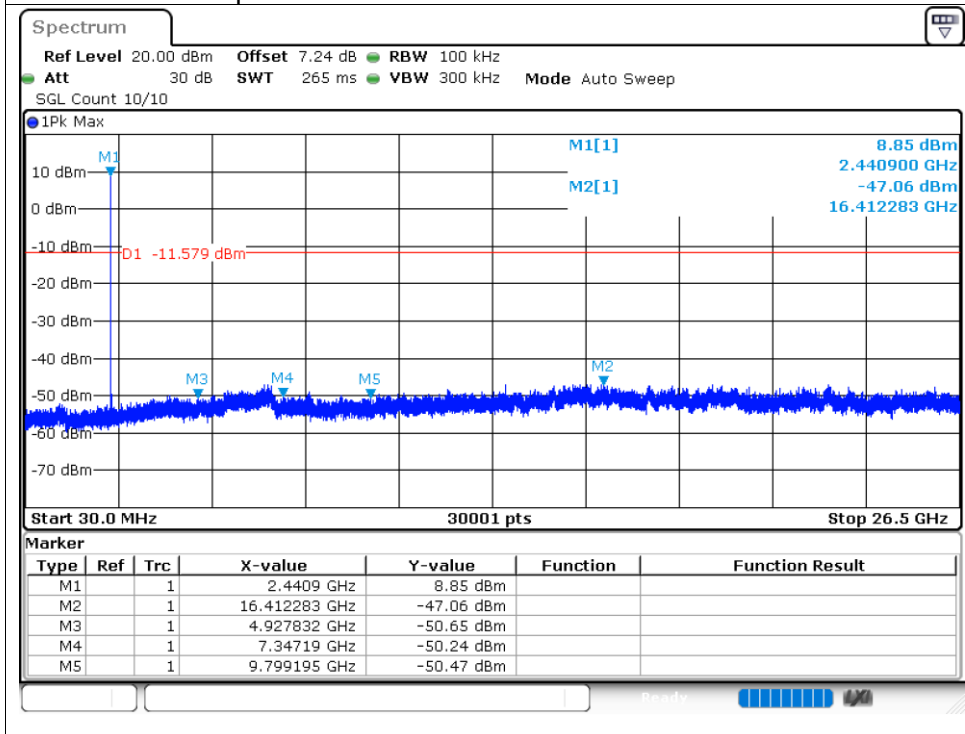
#### Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



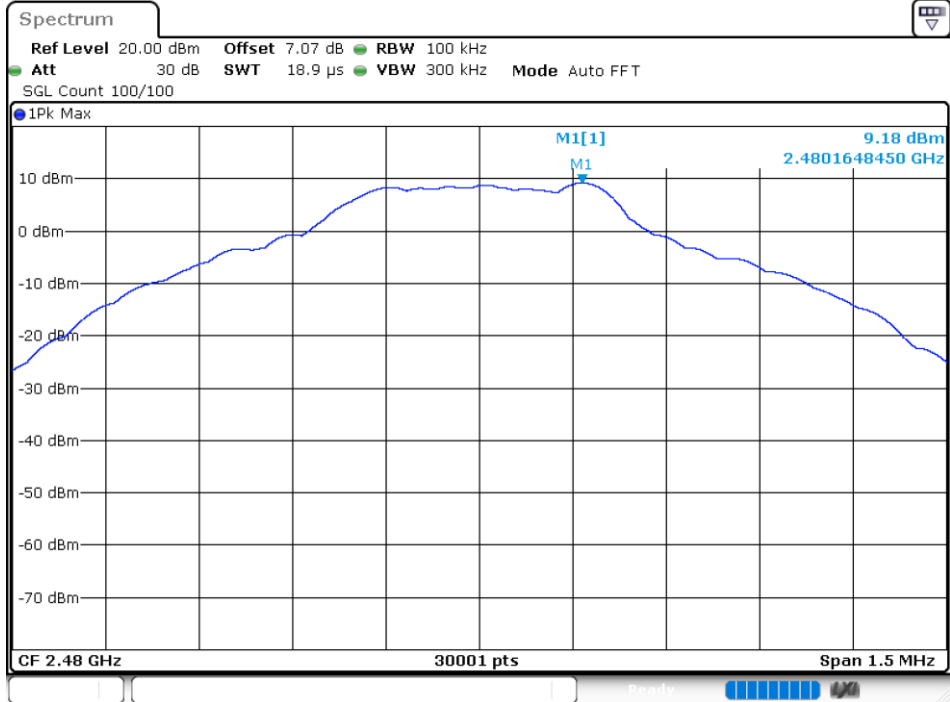
### Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



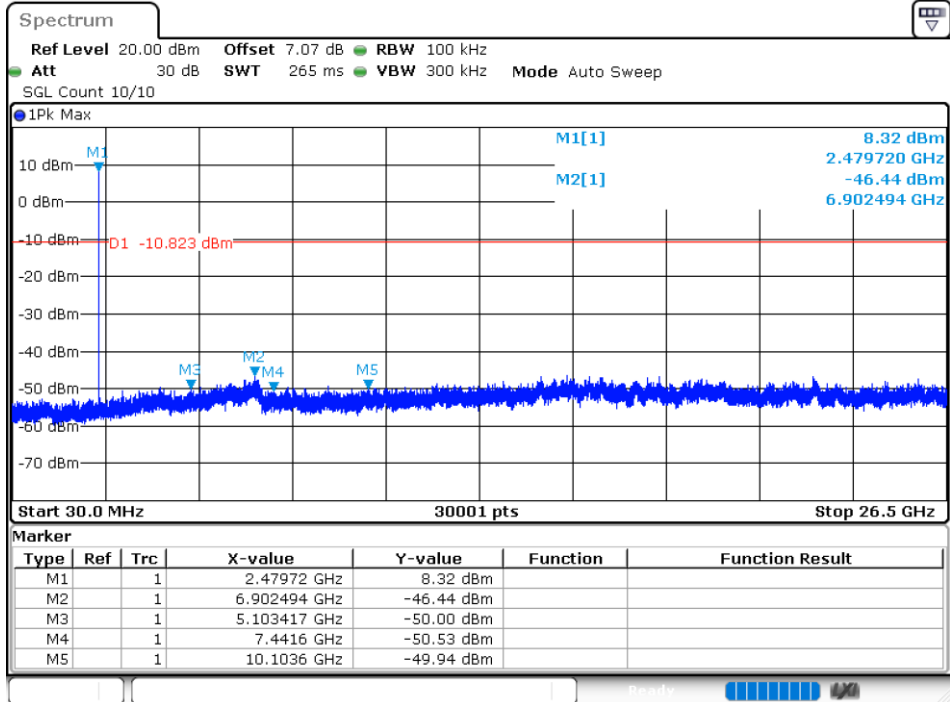
### Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



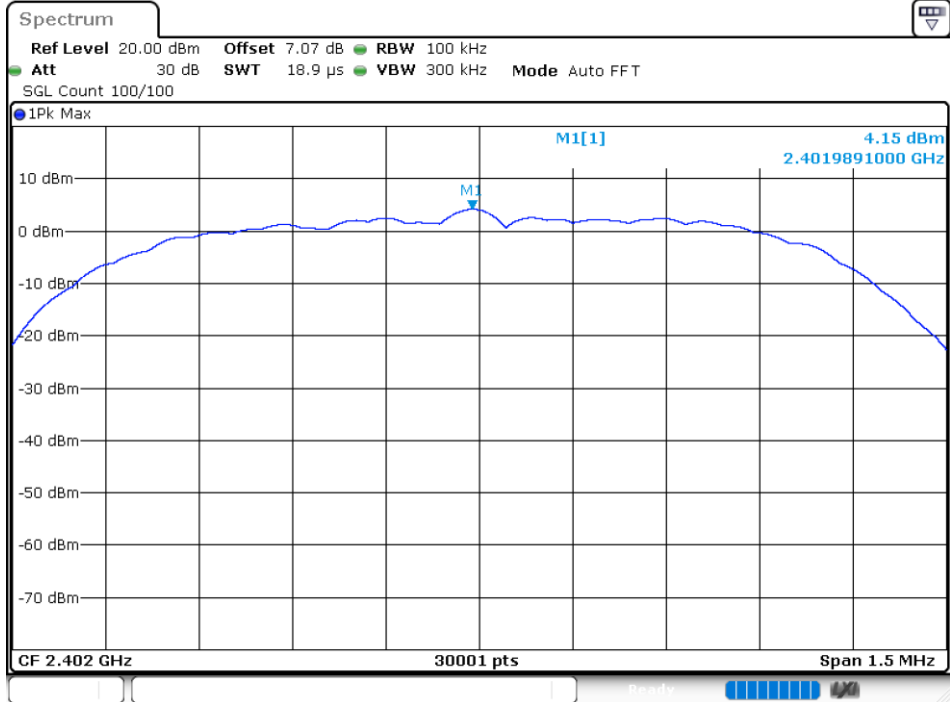
### Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



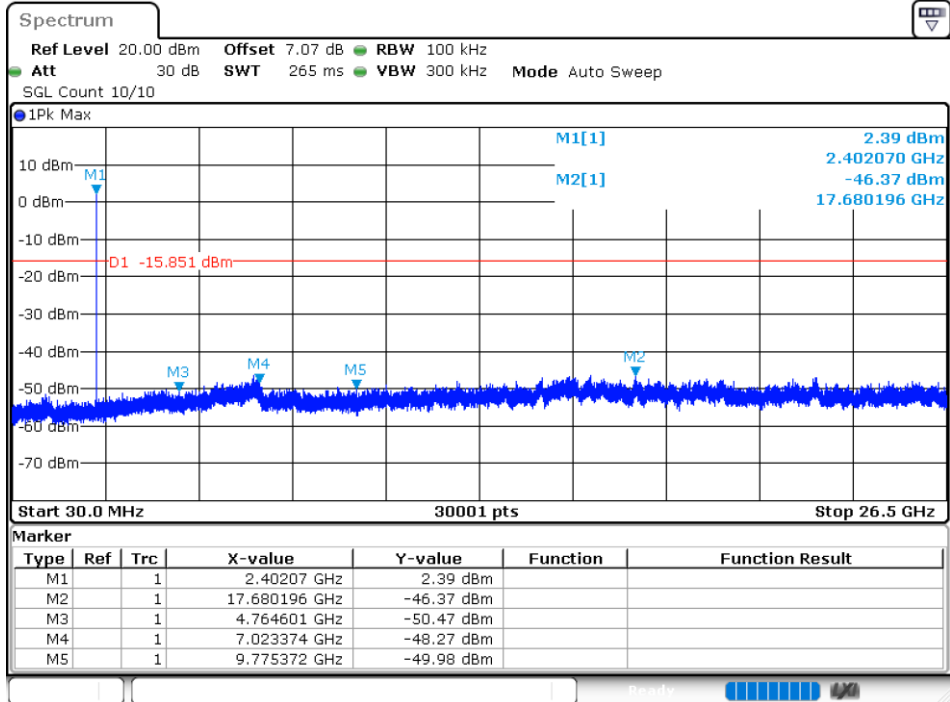
### Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



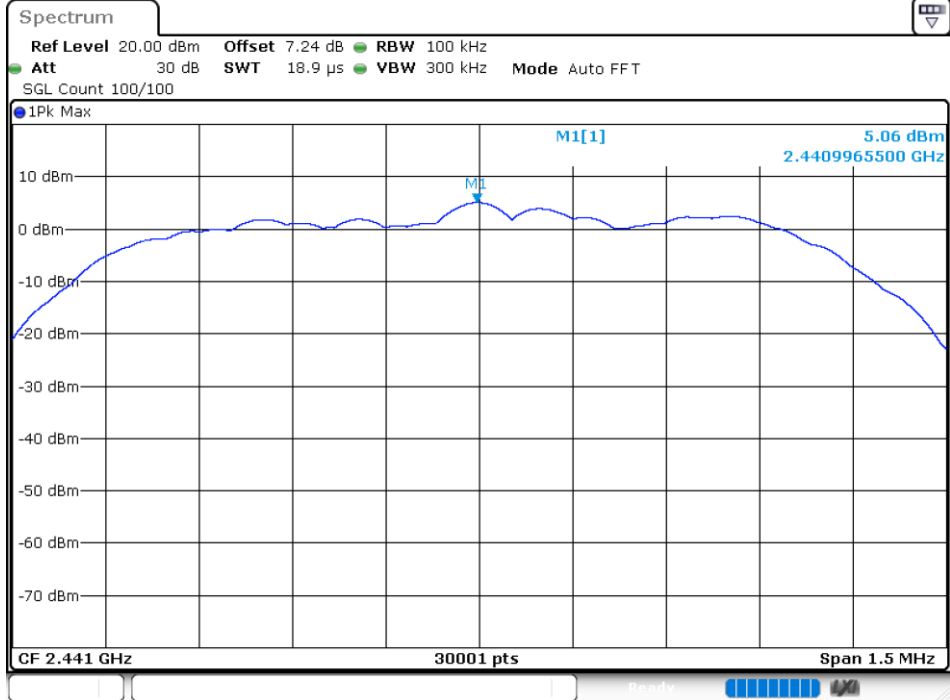
### Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



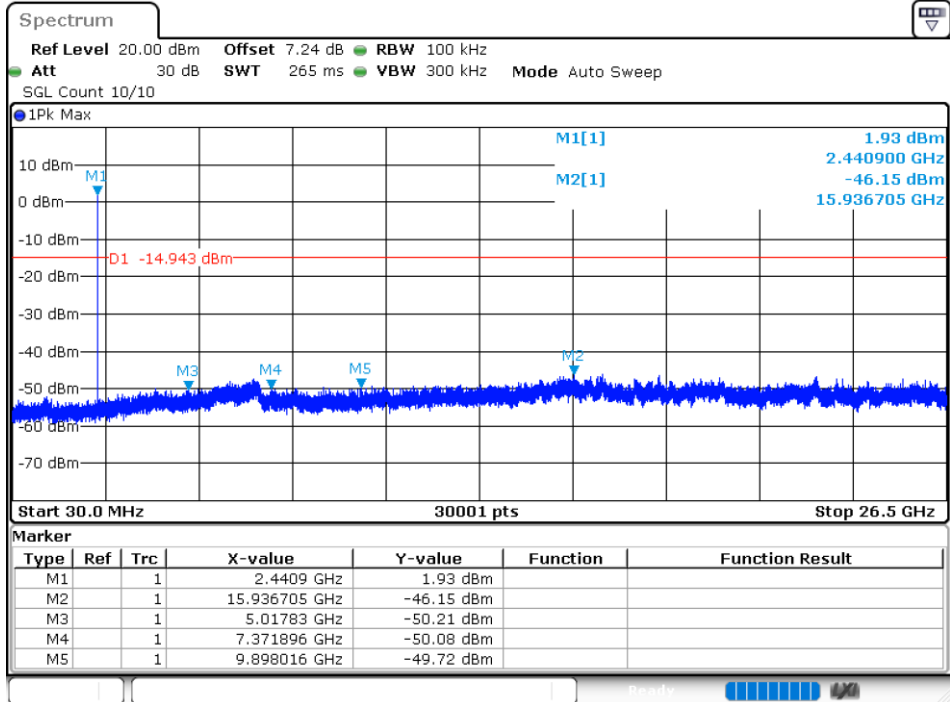
### Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



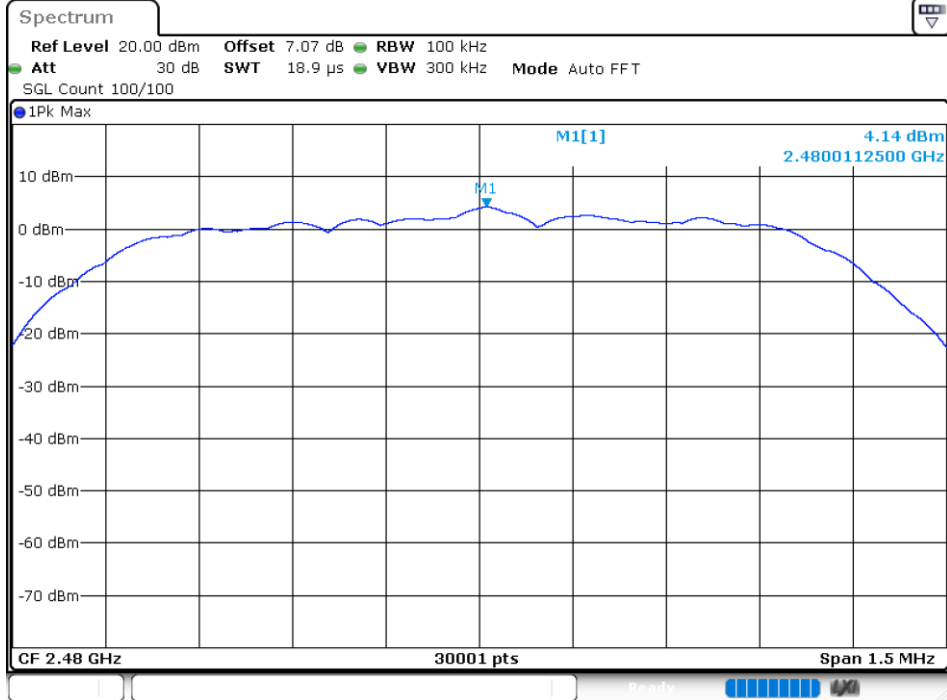
### Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



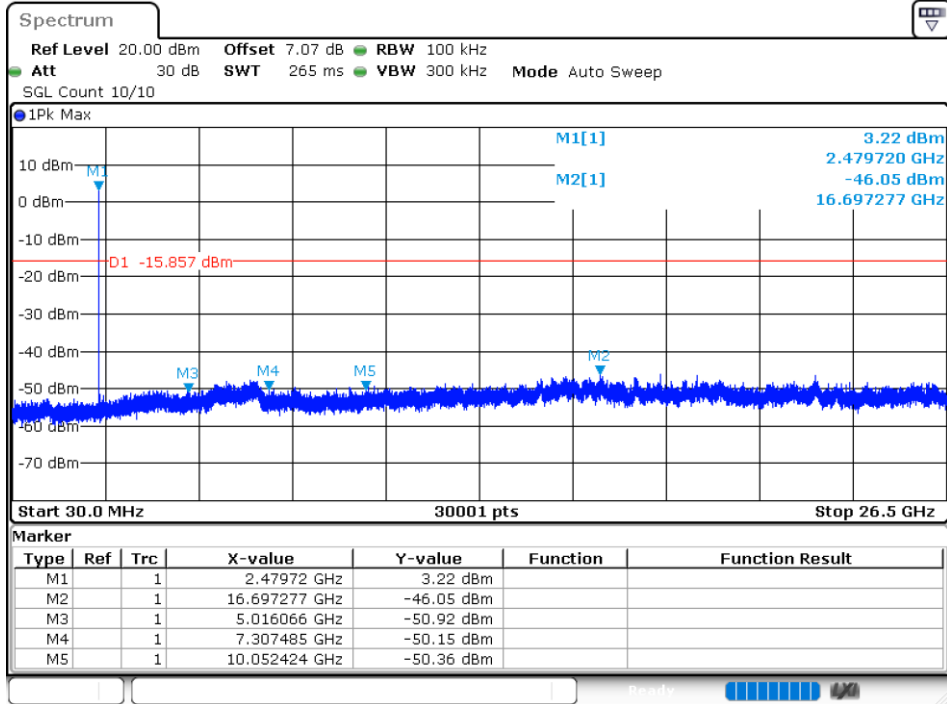
### Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



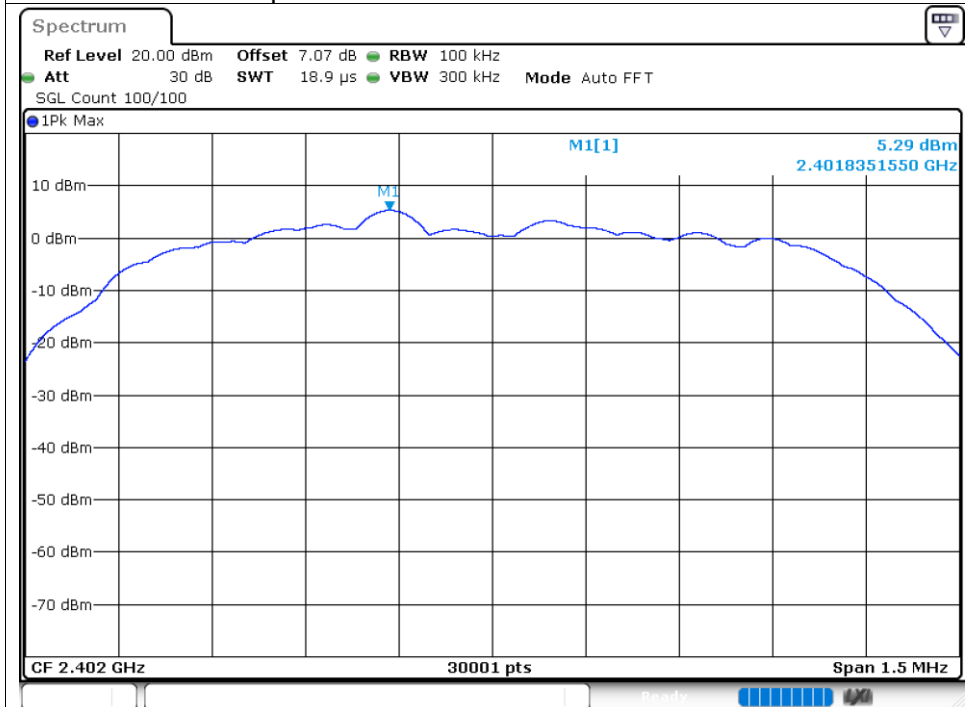
### Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



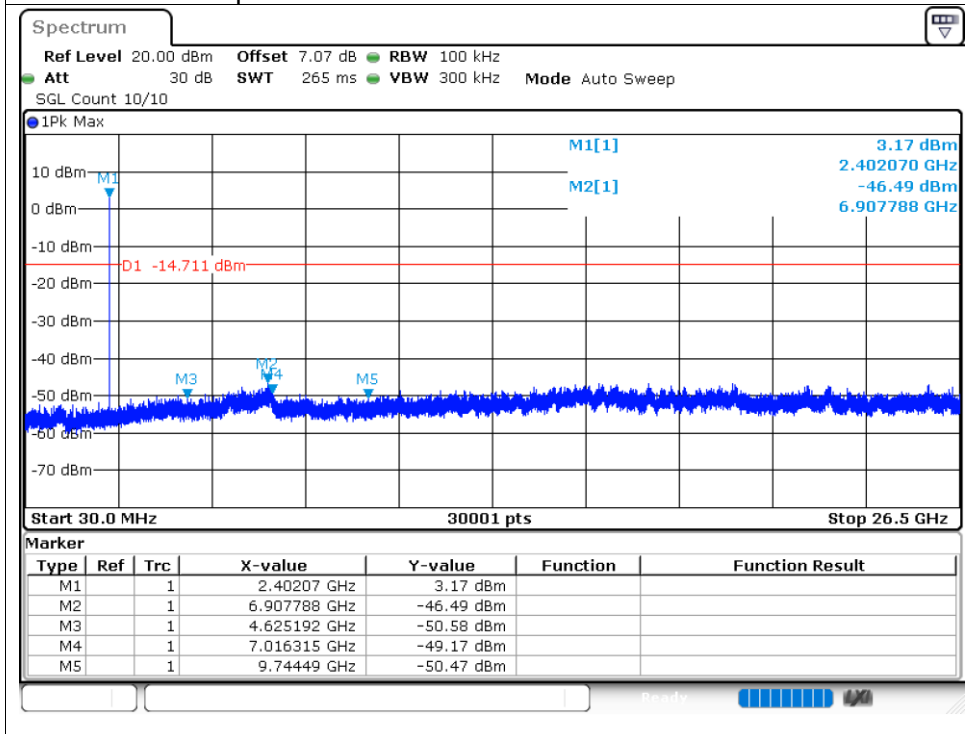
### Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



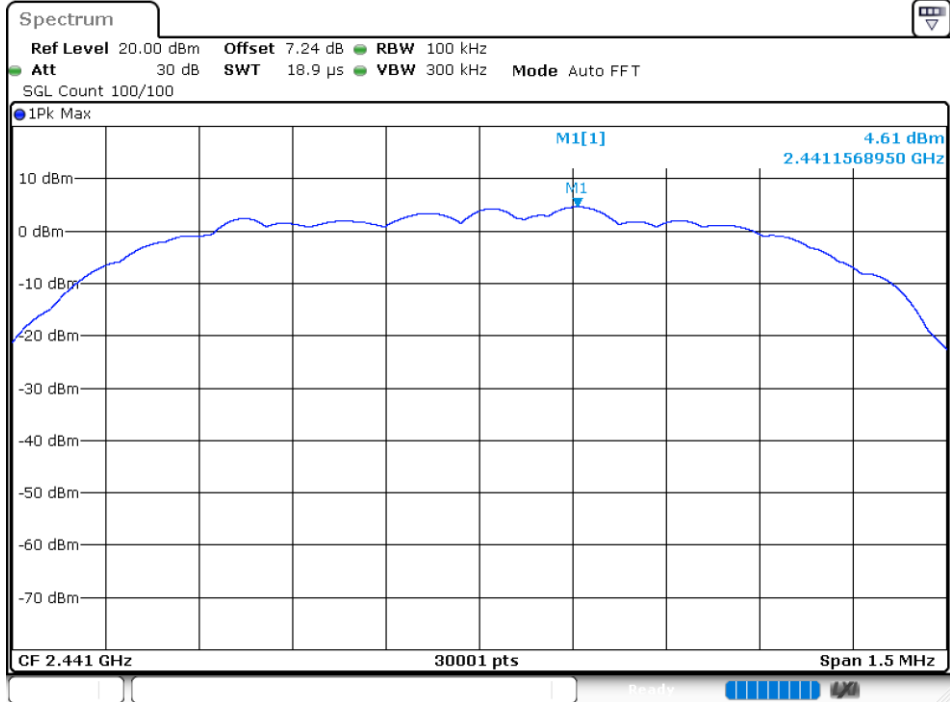
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



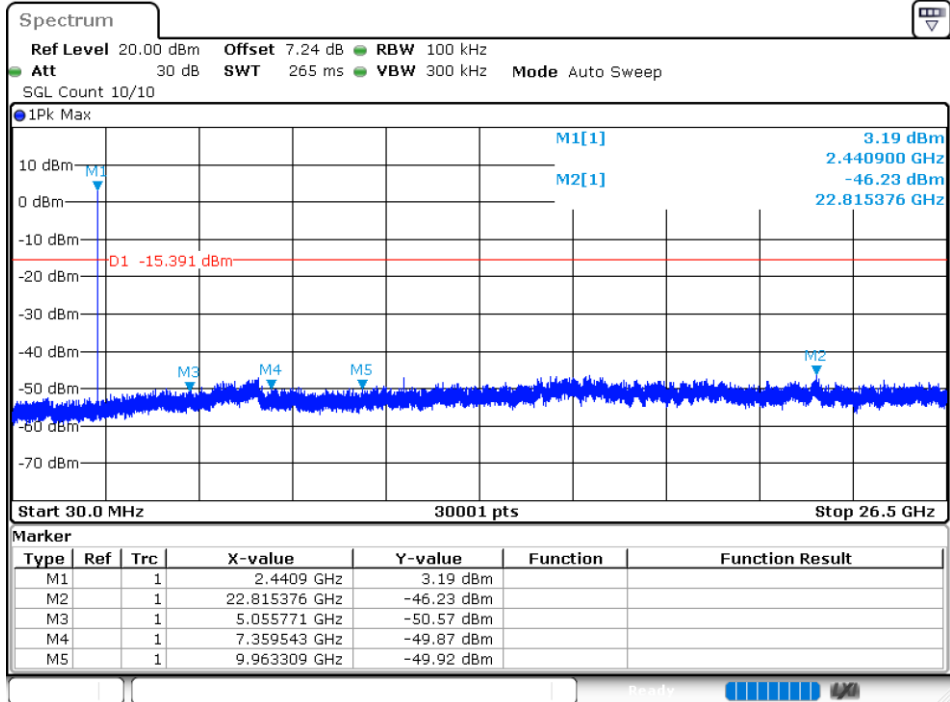
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



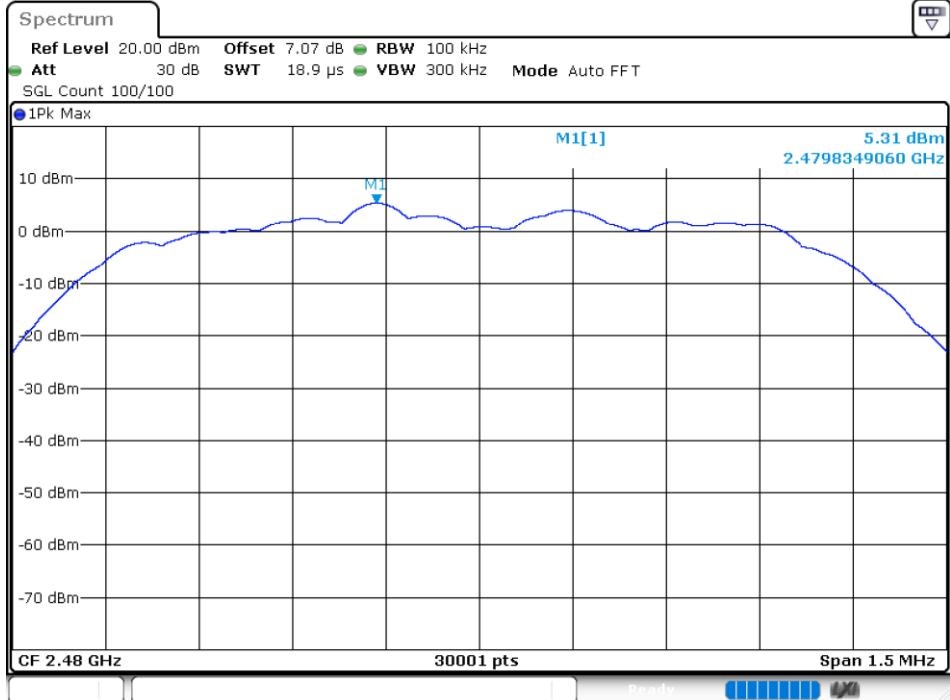
### Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



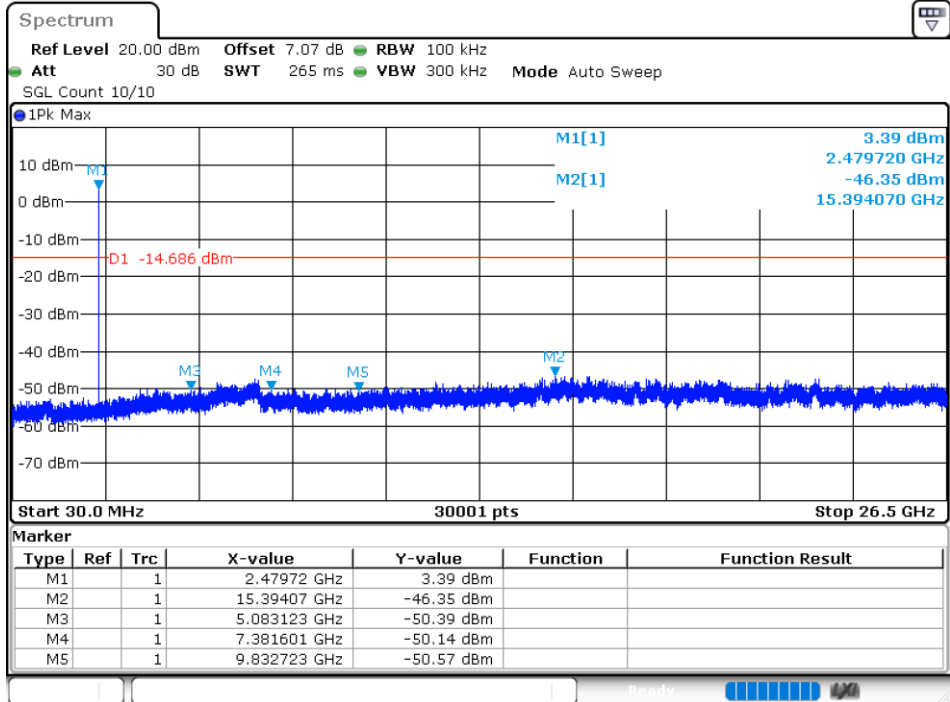
### Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



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



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



END OF REPORT