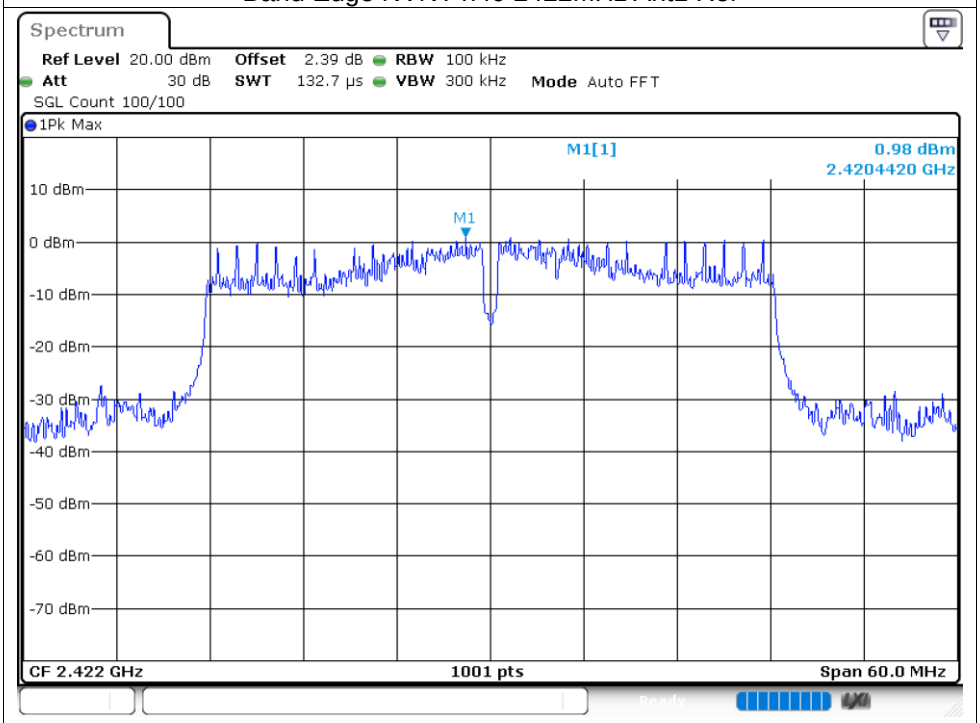
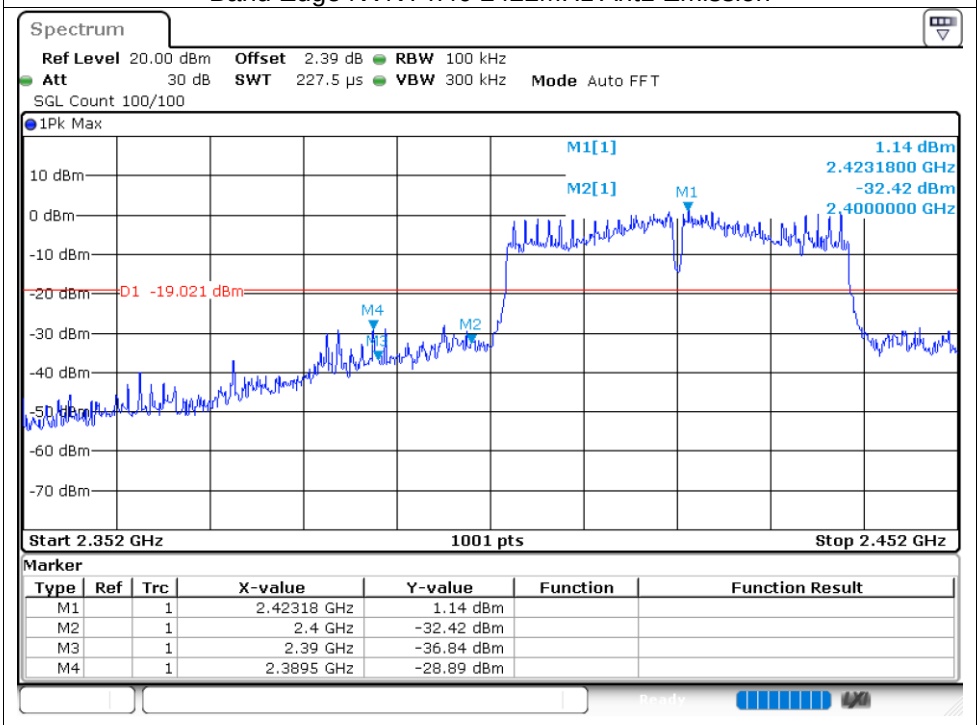
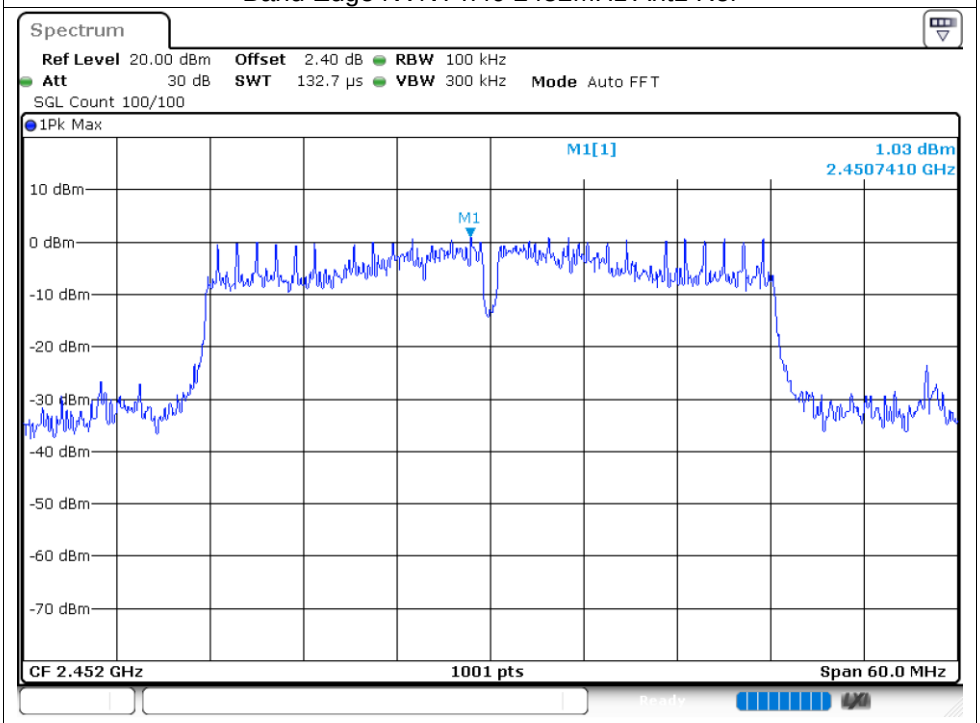
Band Edge NVNT n40 2422MHz Ant1 Ref



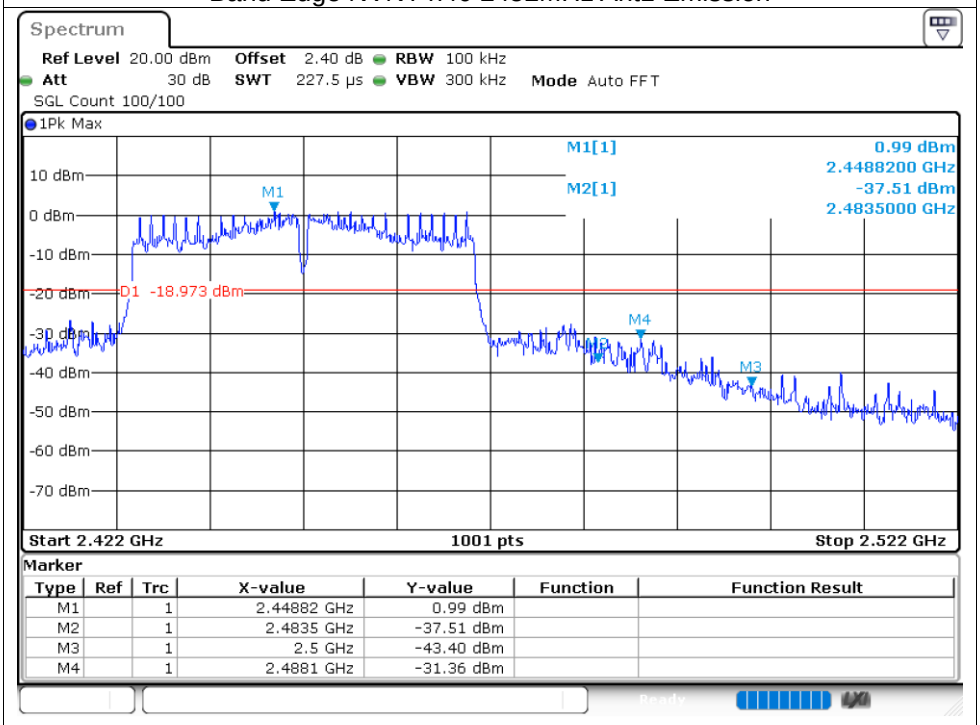

Band Edge NVNT n40 2422MHz Ant1 Emission



Band Edge NVNT n40 2452MHz Ant1 Ref




Band Edge NVNT n40 2452MHz Ant1 Emission

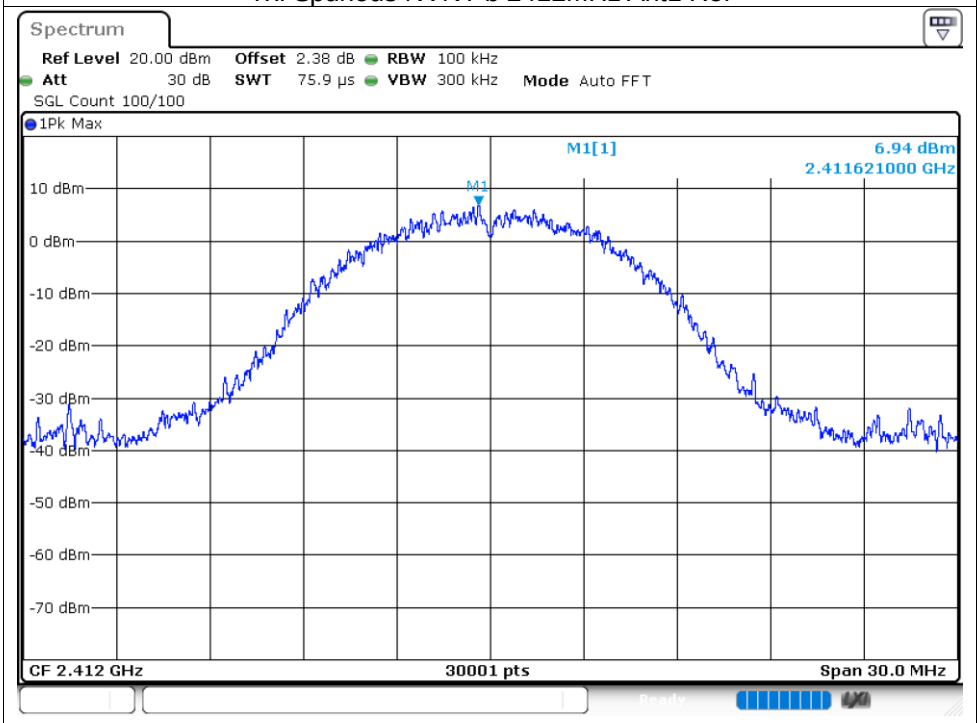


## 8.7 CONDUCTED RF SPURIOUS EMISSION

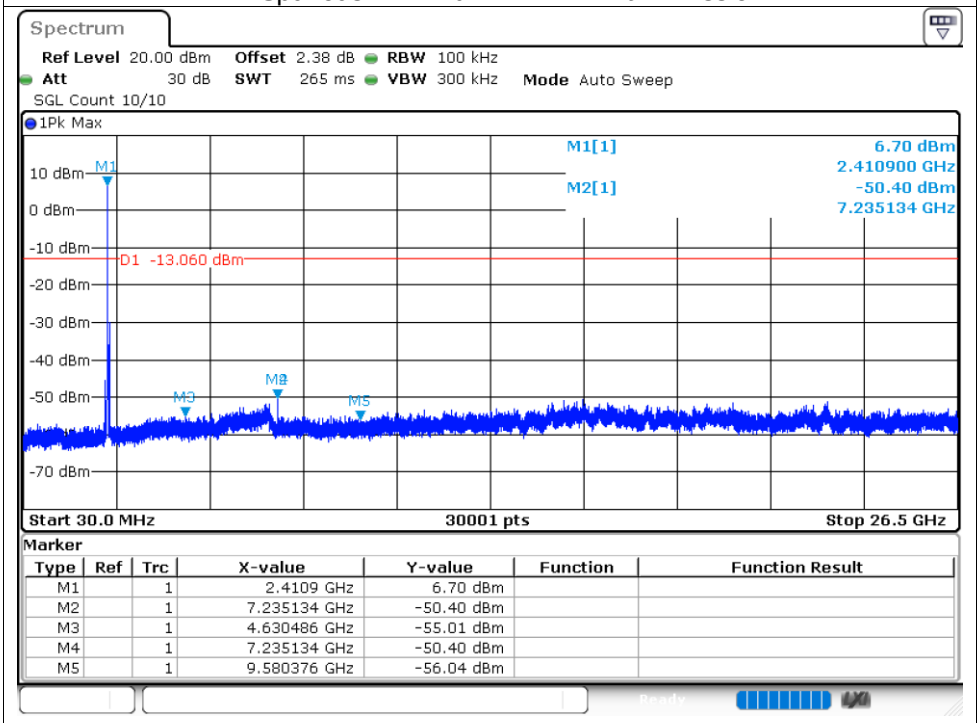
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | b | 2412 | Ant1 | -57.33 | -20 | Pass |
| NVNT | b | 2437 | Ant1 | -53.34 | -20 | Pass |
| NVNT | b | 2462 | Ant1 | -54.78 | -20 | Pass |
| NVNT | g | 2412 | Ant1 | -53.38 | -20 | Pass |
| NVNT | g | 2437 | Ant1 | -53.5 | -20 | Pass |
| NVNT | g | 2462 | Ant1 | -54.07 | -20 | Pass |
| NVNT | n20 | 2412 | Ant1 | -51.45 | -20 | Pass |
| NVNT | n20 | 2437 | Ant1 | -53.15 | -20 | Pass |
| NVNT | n20 | 2462 | Ant1 | -53.5 | -20 | Pass |
| NVNT | n40 | 2422 | Ant1 | -51.76 | -20 | Pass |
| NVNT | n40 | 2437 | Ant1 | -46.2 | -20 | Pass |
| NVNT | n40 | 2452 | Ant1 | -48.26 | -20 | Pass |

Test Graphs

Tx. Spurious NVNT b 2412MHz Ant1 Ref



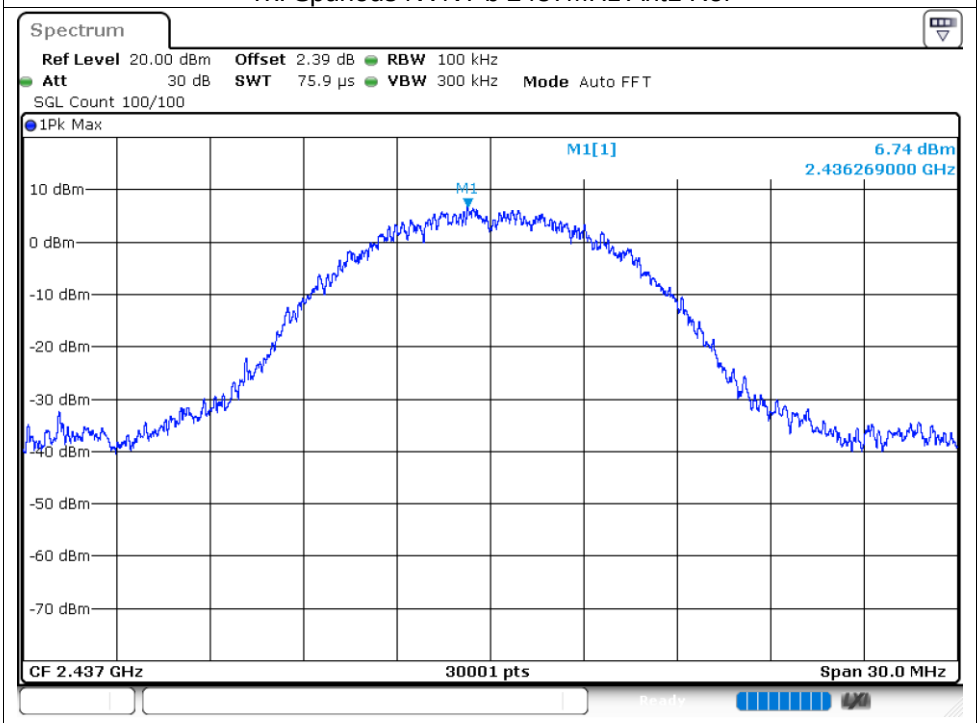

Tx. Spurious NVNT b 2412MHz Ant1 Emission



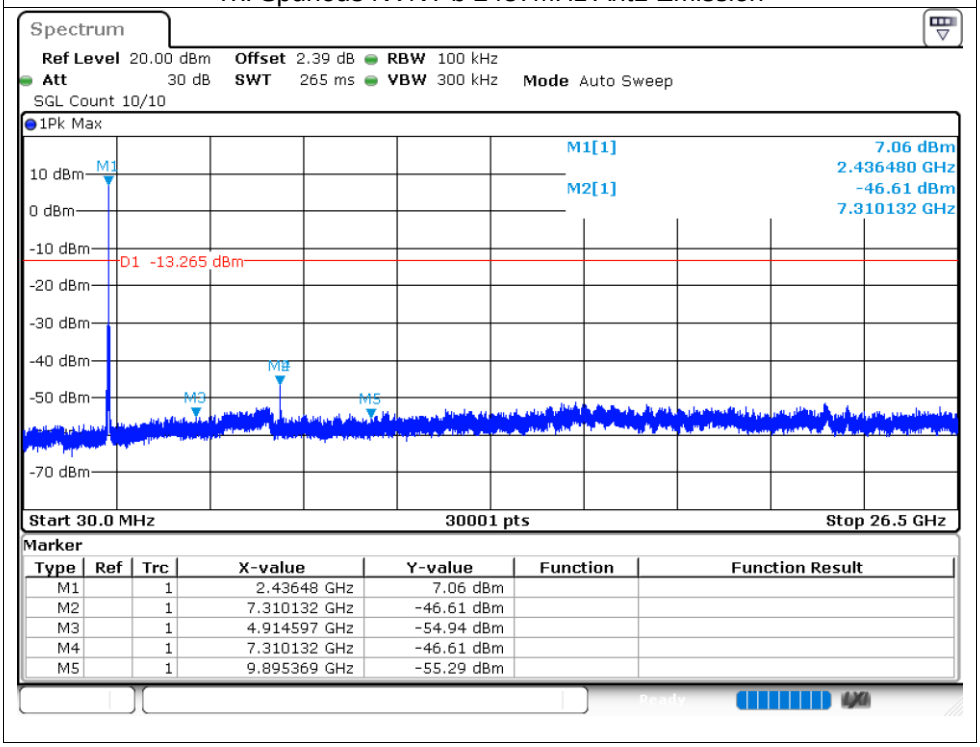

Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.4109 GHz | 6.70 dBm | | |
| M2 | | 1 | 7.235134 GHz | -50.40 dBm | | |
| M3 | | 1 | 4.630486 GHz | -55.01 dBm | | |
| M4 | | 1 | 7.235134 GHz | -50.40 dBm | | |
| M5 | | 1 | 9.580376 GHz | -56.04 dBm | | |

Tx. Spurious NVNT b 2437MHz Ant1 Ref



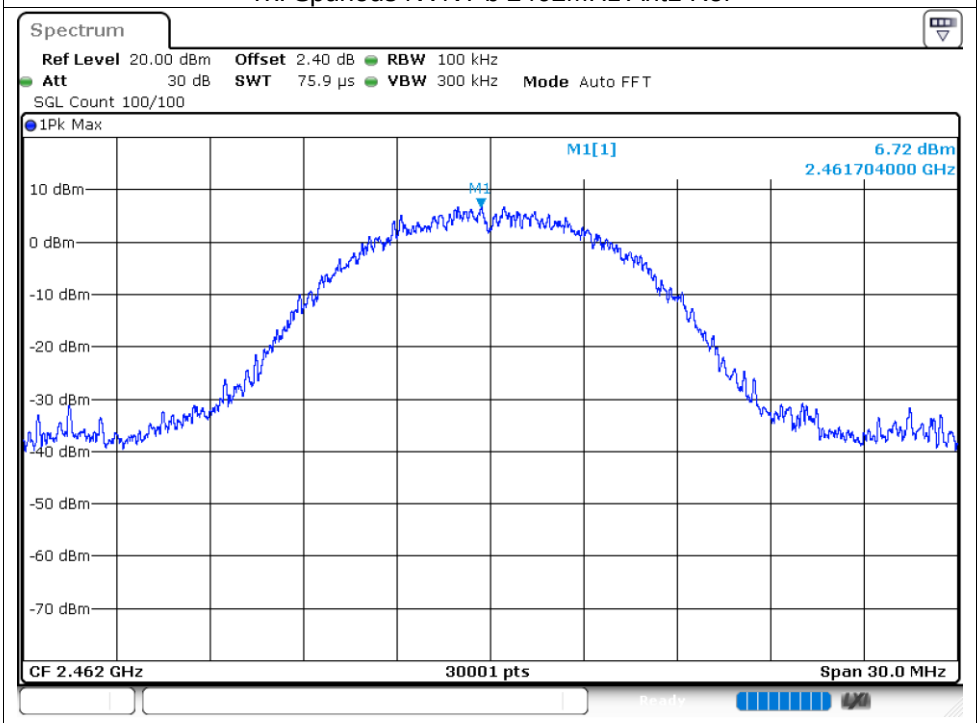

Tx. Spurious NVNT b 2437MHz Ant1 Emission



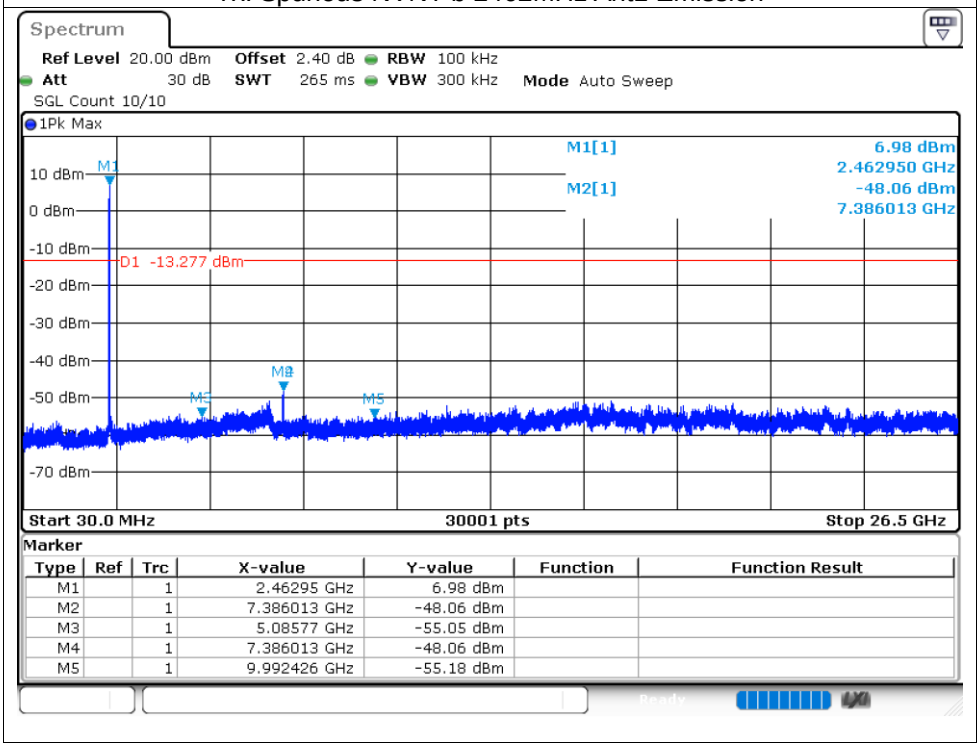

Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.43648 GHz | 7.06 dBm | | |
| M2 | | 1 | 7.310132 GHz | -46.61 dBm | | |
| M3 | | 1 | 4.914597 GHz | -54.94 dBm | | |
| M4 | | 1 | 7.310132 GHz | -46.61 dBm | | |
| M5 | | 1 | 9.895369 GHz | -55.29 dBm | | |

Tx. Spurious NVNT b 2462MHz Ant1 Ref



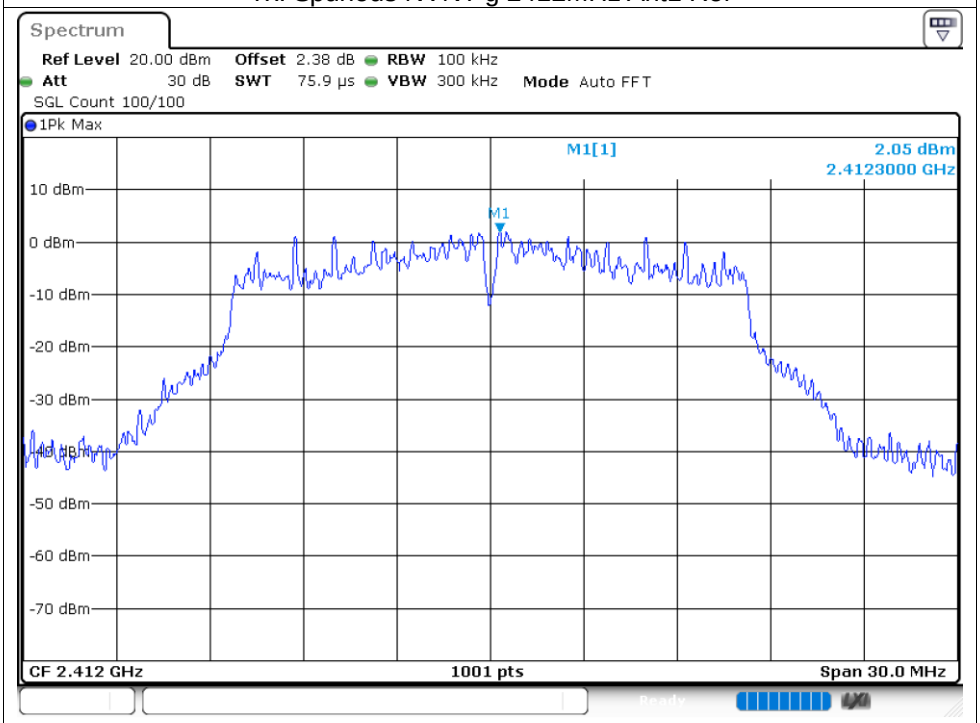

Tx. Spurious NVNT b 2462MHz Ant1 Emission



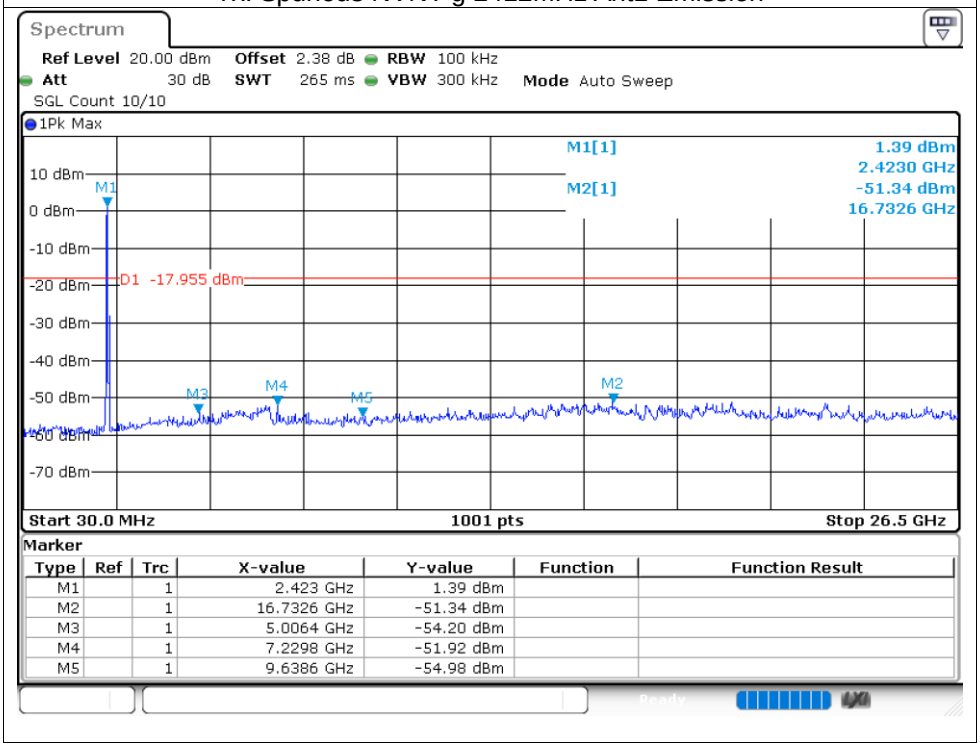

Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.46295 GHz | 6.98 dBm | | |
| M2 | | 1 | 7.386013 GHz | -48.06 dBm | | |
| M3 | | 1 | 5.08577 GHz | -55.05 dBm | | |
| M4 | | 1 | 7.386013 GHz | -48.06 dBm | | |
| M5 | | 1 | 9.992426 GHz | -55.18 dBm | | |

Tx. Spurious NVNT g 2412MHz Ant1 Ref



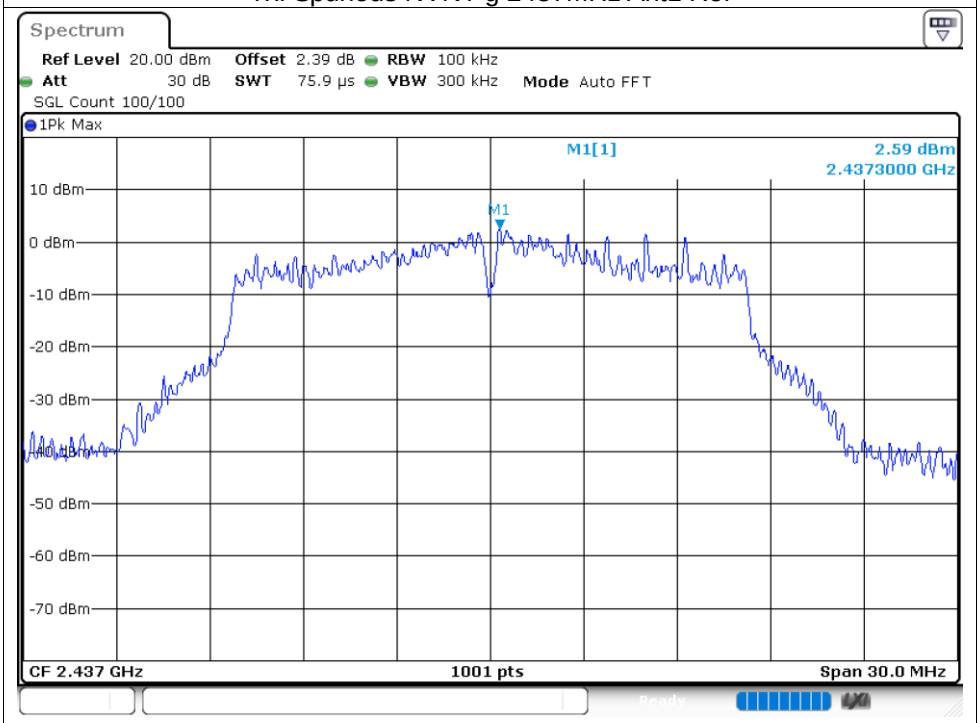

Tx. Spurious NVNT g 2412MHz Ant1 Emission



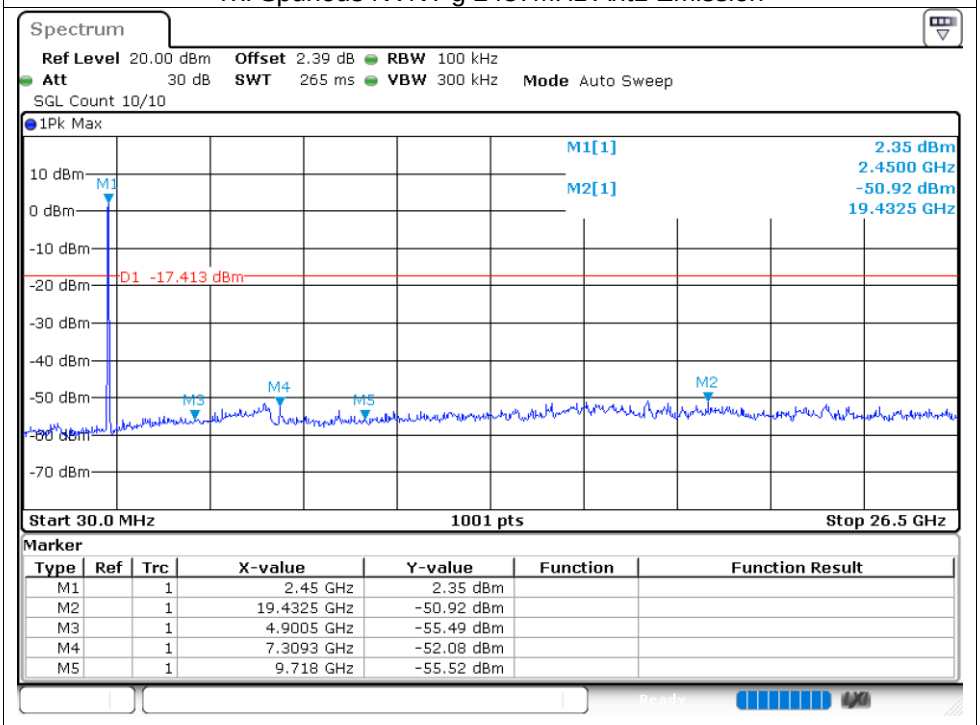

Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.423 GHz | 1.39 dBm | | |
| M2 | | 1 | 16.7326 GHz | -51.34 dBm | | |
| M3 | | 1 | 5.0064 GHz | -54.20 dBm | | |
| M4 | | 1 | 7.2298 GHz | -51.92 dBm | | |
| M5 | | 1 | 9.6386 GHz | -54.98 dBm | | |

Tx. Spurious NVNT g 2437MHz Ant1 Ref

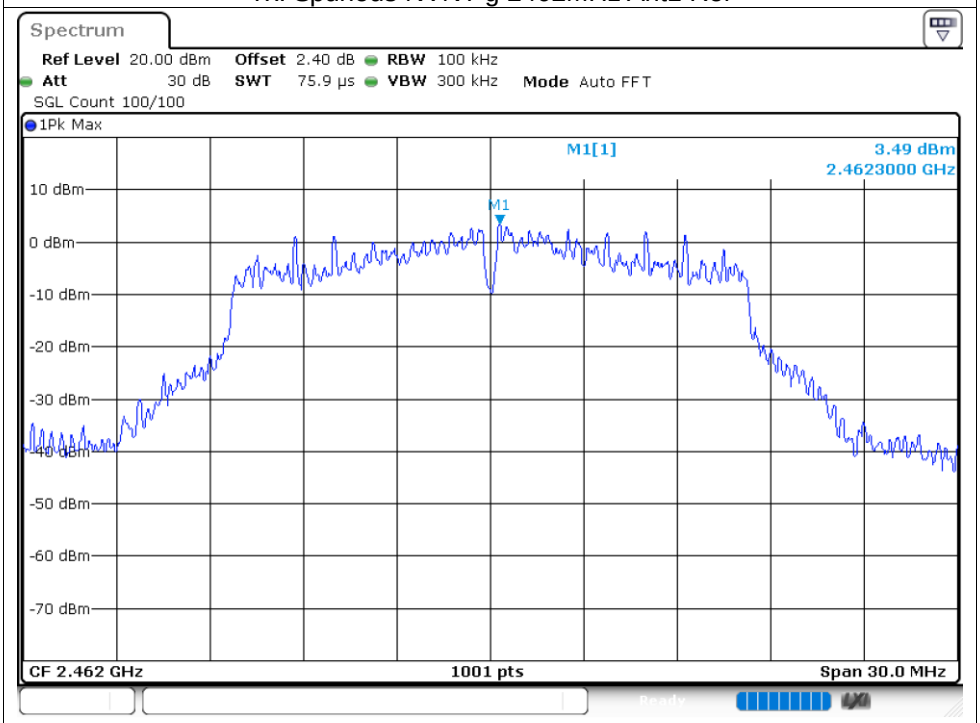



Tx. Spurious NVNT g 2437MHz Ant1 Emission

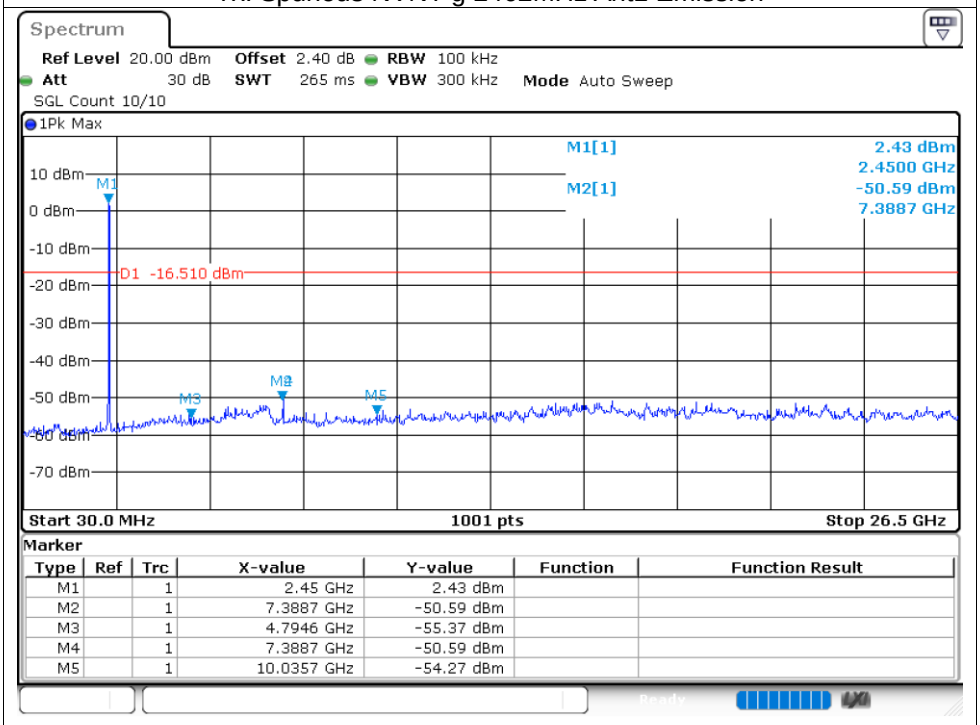



| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.45 GHz | 2.35 dBm | | |
| M2 | | 1 | 19.4325 GHz | -50.92 dBm | | |
| M3 | | 1 | 4.9005 GHz | -55.49 dBm | | |
| M4 | | 1 | 7.3093 GHz | -52.08 dBm | | |
| M5 | | 1 | 9.718 GHz | -55.52 dBm | | |

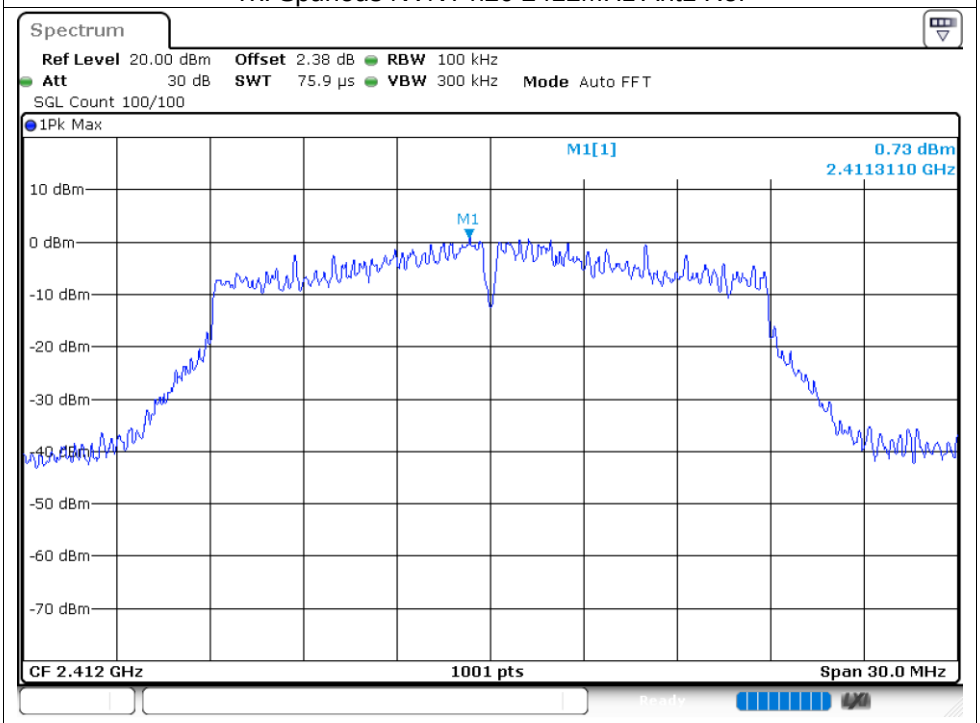
Tx. Spurious NVNT g 2462MHz Ant1 Ref



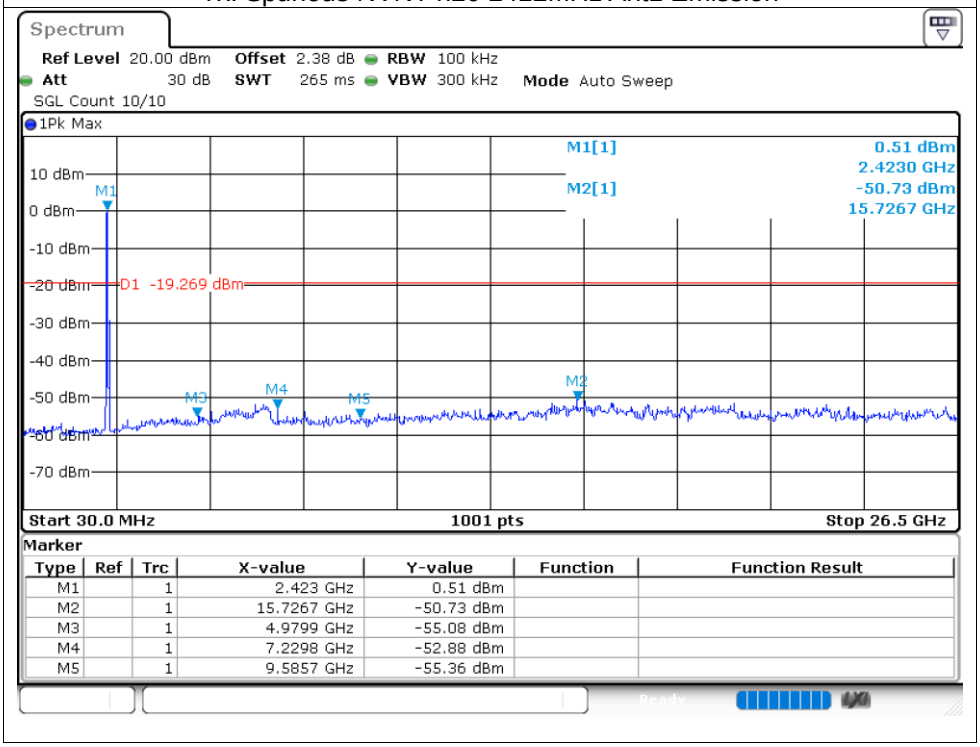

Tx. Spurious NVNT g 2462MHz Ant1 Emission



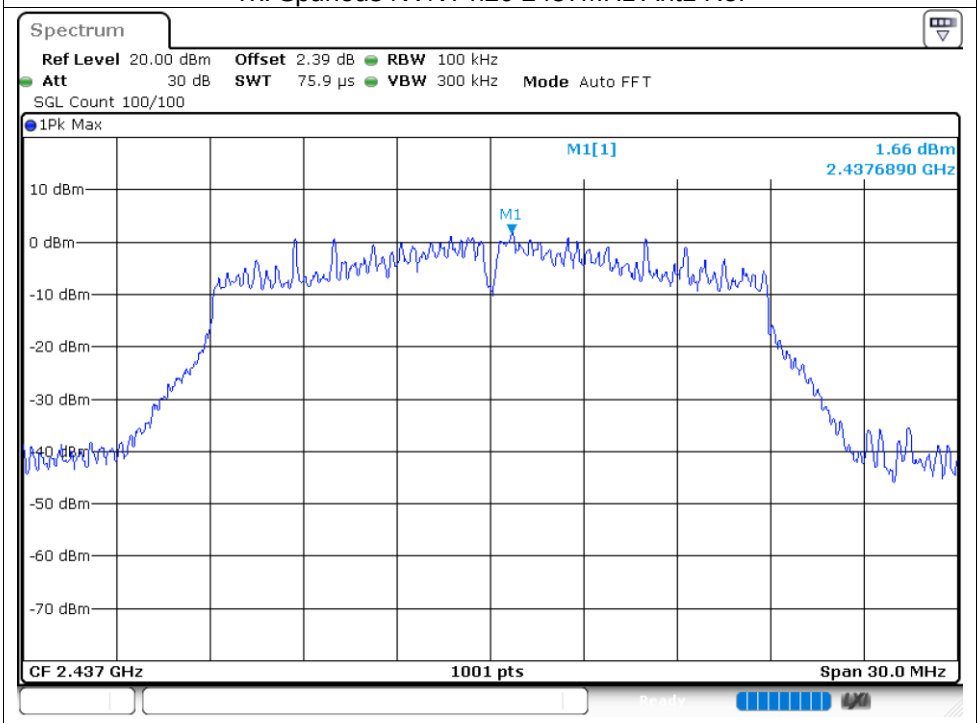
Tx. Spurious NVNT n20 2412MHz Ant1 Ref



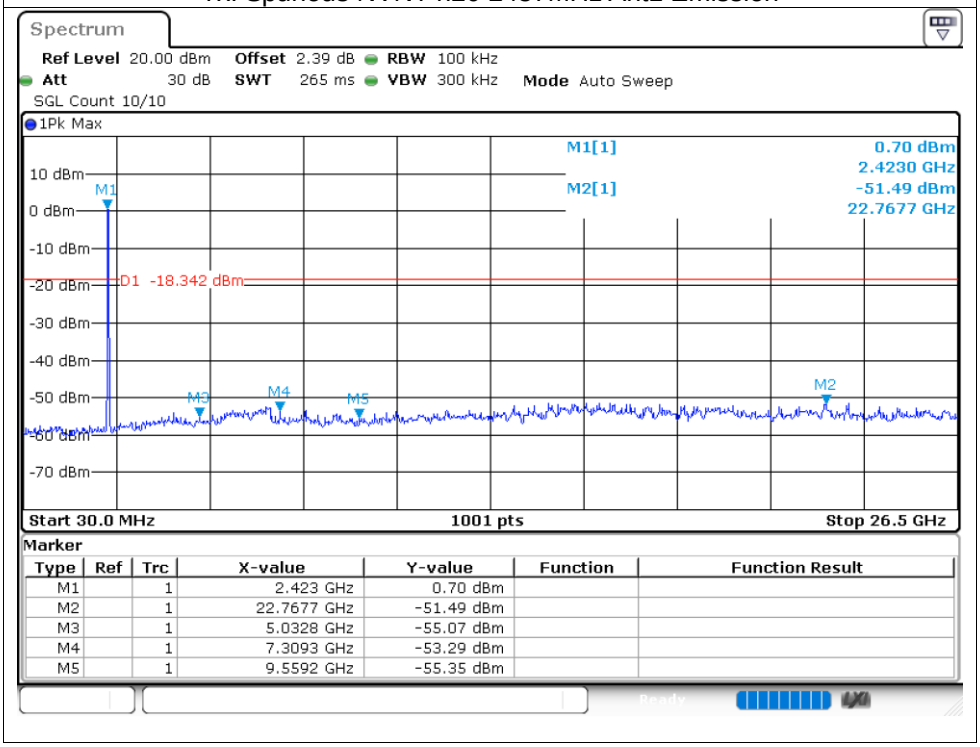

Tx. Spurious NVNT n20 2412MHz Ant1 Emission



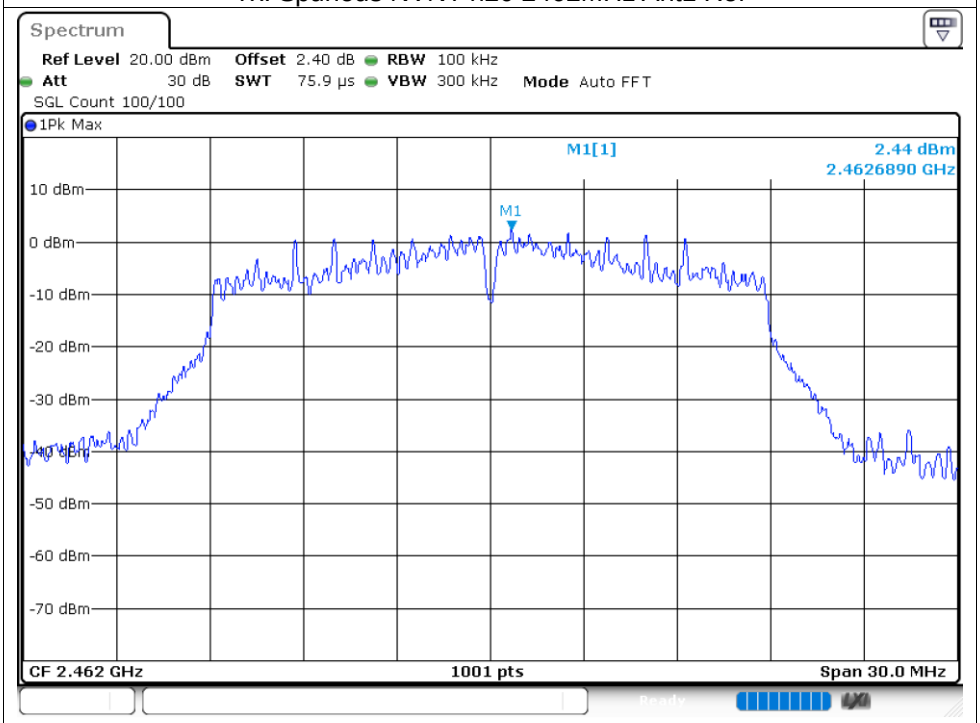
Tx. Spurious NVNT n20 2437MHz Ant1 Ref



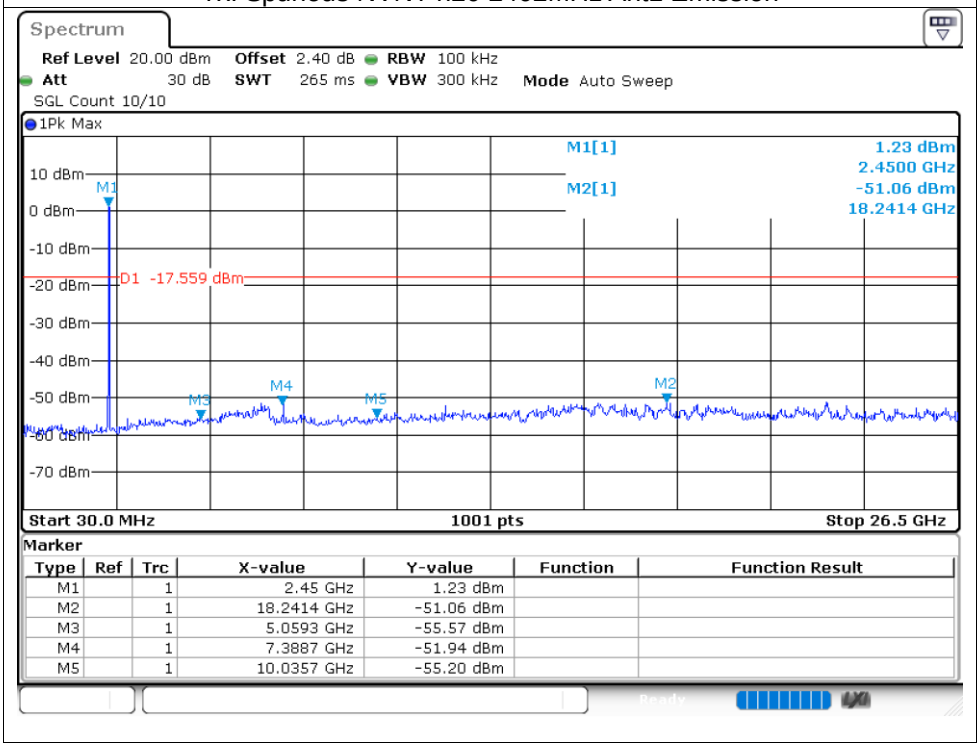

Tx. Spurious NVNT n20 2437MHz Ant1 Emission



Tx. Spurious NVNT n20 2462MHz Ant1 Ref



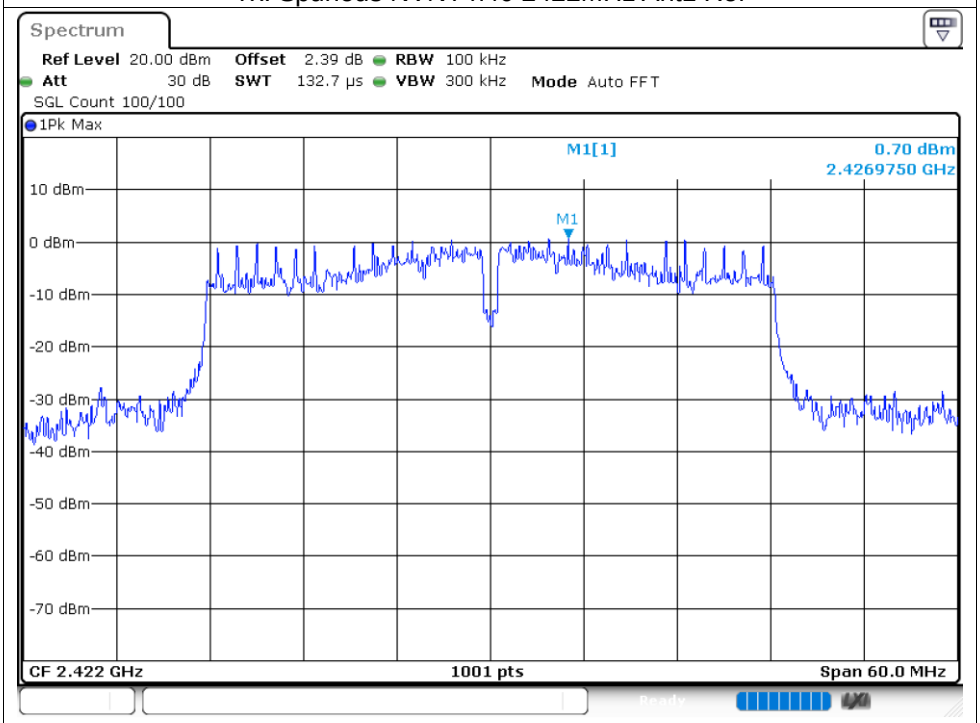

Tx. Spurious NVNT n20 2462MHz Ant1 Emission



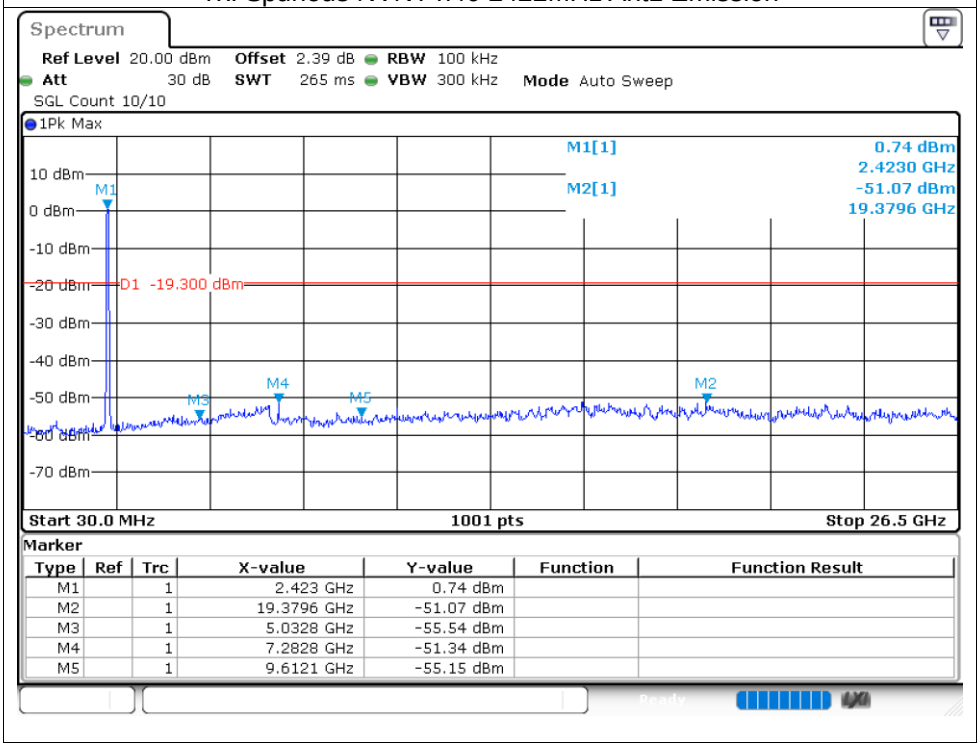

Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.45 GHz | 1.23 dBm | | |
| M2 | | 1 | 18.2414 GHz | -51.06 dBm | | |
| M3 | | 1 | 5.0593 GHz | -55.57 dBm | | |
| M4 | | 1 | 7.3887 GHz | -51.94 dBm | | |
| M5 | | 1 | 10.0357 GHz | -55.20 dBm | | |

Tx. Spurious NVNT n40 2422MHz Ant1 Ref



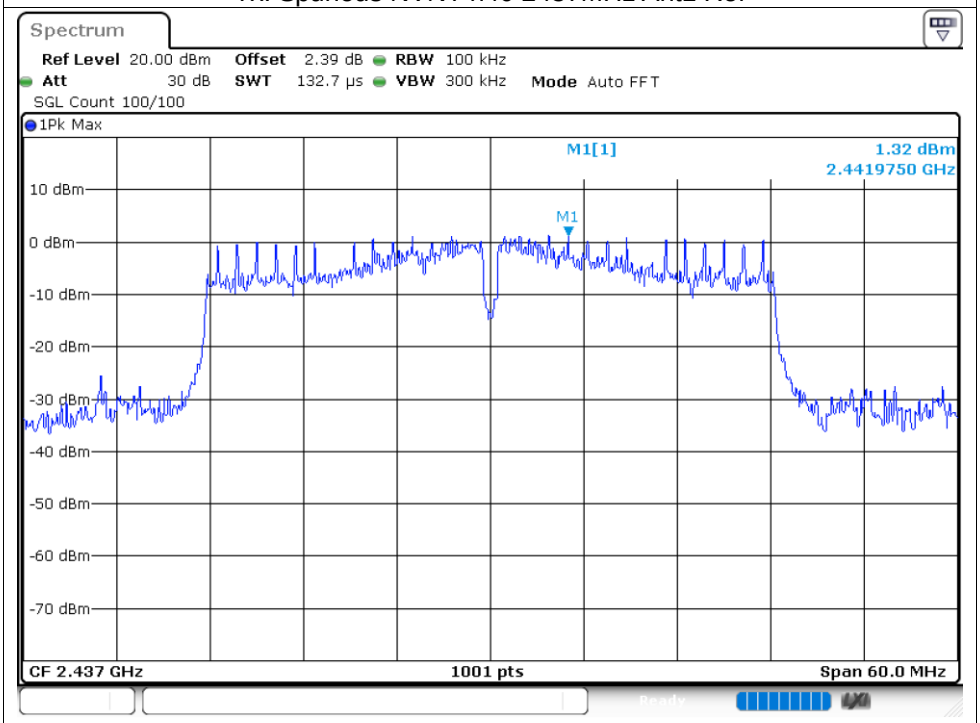

Tx. Spurious NVNT n40 2422MHz Ant1 Emission



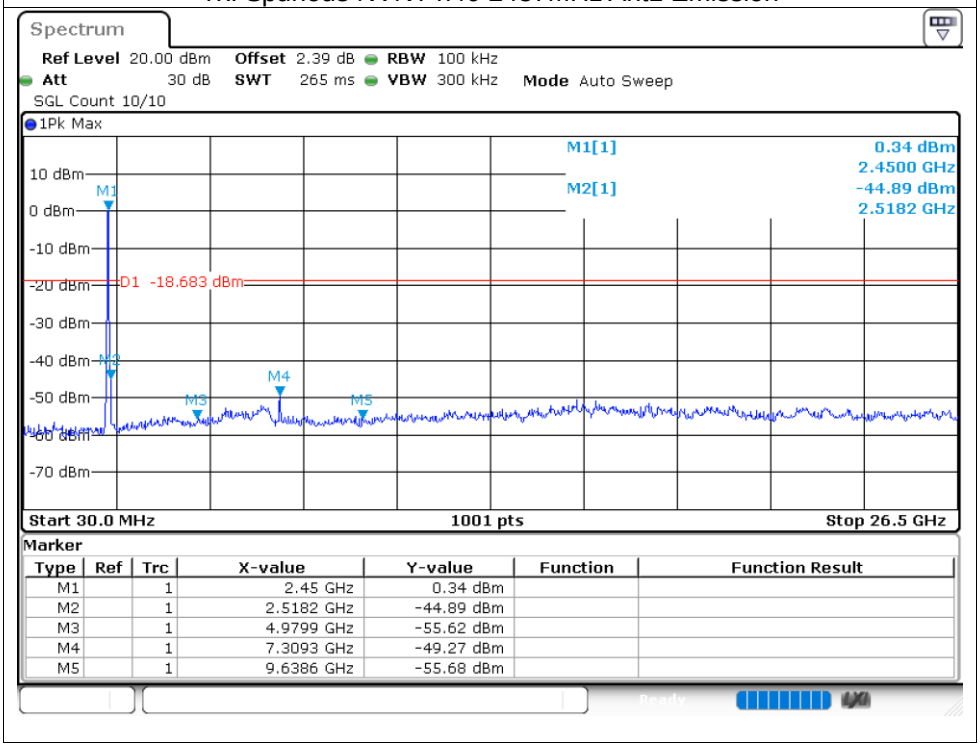

Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.423 GHz | 0.74 dBm | | |
| M2 | | 1 | 19.3796 GHz | -51.07 dBm | | |
| M3 | | 1 | 5.0328 GHz | -55.54 dBm | | |
| M4 | | 1 | 7.2828 GHz | -51.34 dBm | | |
| M5 | | 1 | 9.6121 GHz | -55.15 dBm | | |

Tx. Spurious NVNT n40 2437MHz Ant1 Ref



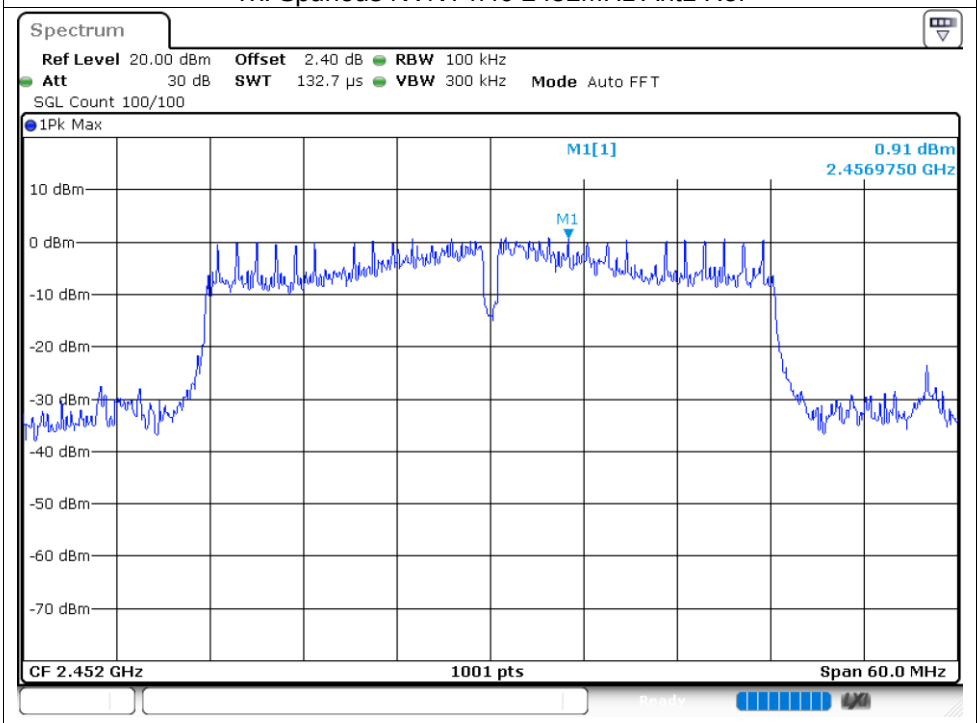

Tx. Spurious NVNT n40 2437MHz Ant1 Emission



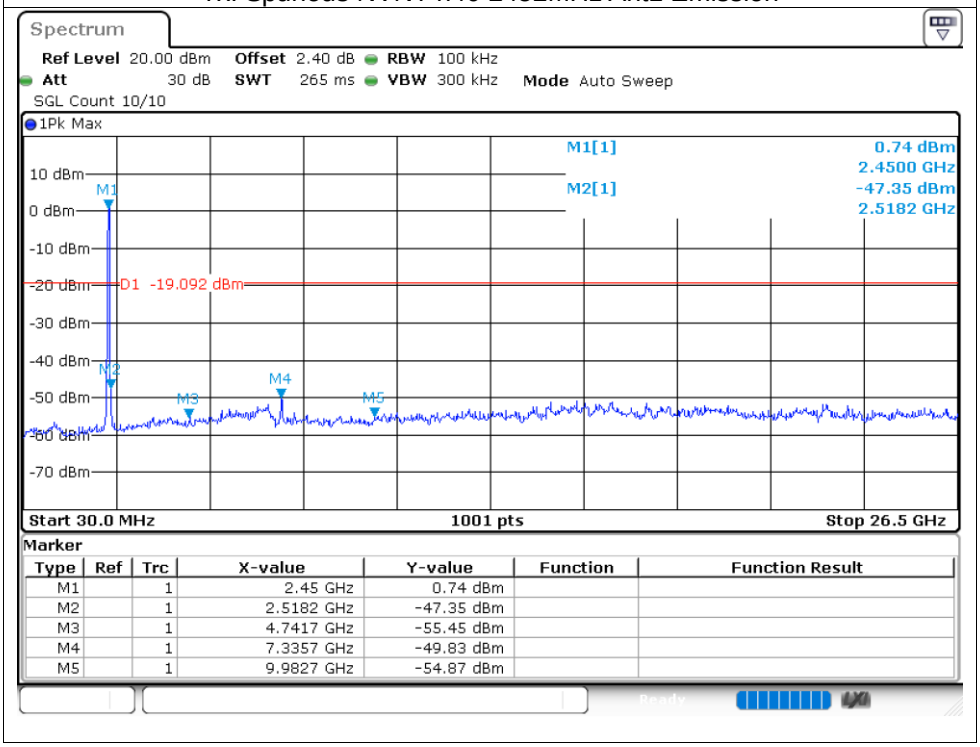

Marker

| Type | Ref | Trc | X-value | Y-value | Function | Function Result |
|---|---|---|---|---|---|---|
| M1 | | 1 | 2.45 GHz | 0.34 dBm | | |
| M2 | | 1 | 2.5182 GHz | -44.89 dBm | | |
| M3 | | 1 | 4.9799 GHz | -55.62 dBm | | |
| M4 | | 1 | 7.3093 GHz | -49.27 dBm | | |
| M5 | | 1 | 9.6386 GHz | -55.68 dBm | | |

Tx. Spurious NVNT n40 2452MHz Ant1 Ref




Tx. Spurious NVNT n40 2452MHz Ant1 Emission




END OF REPORT