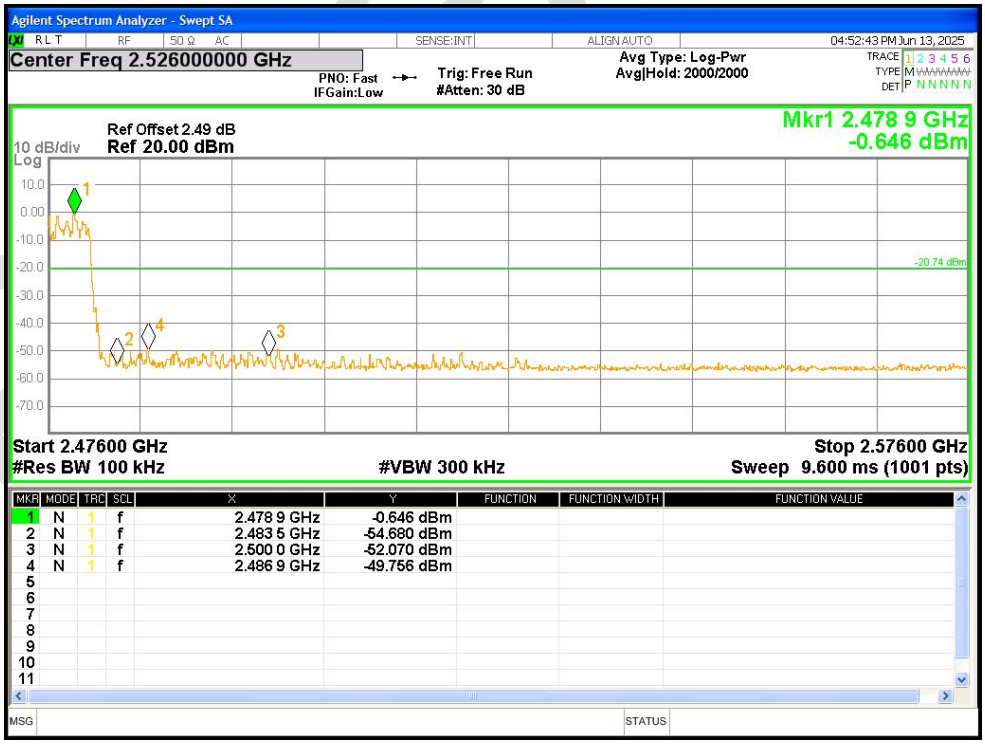
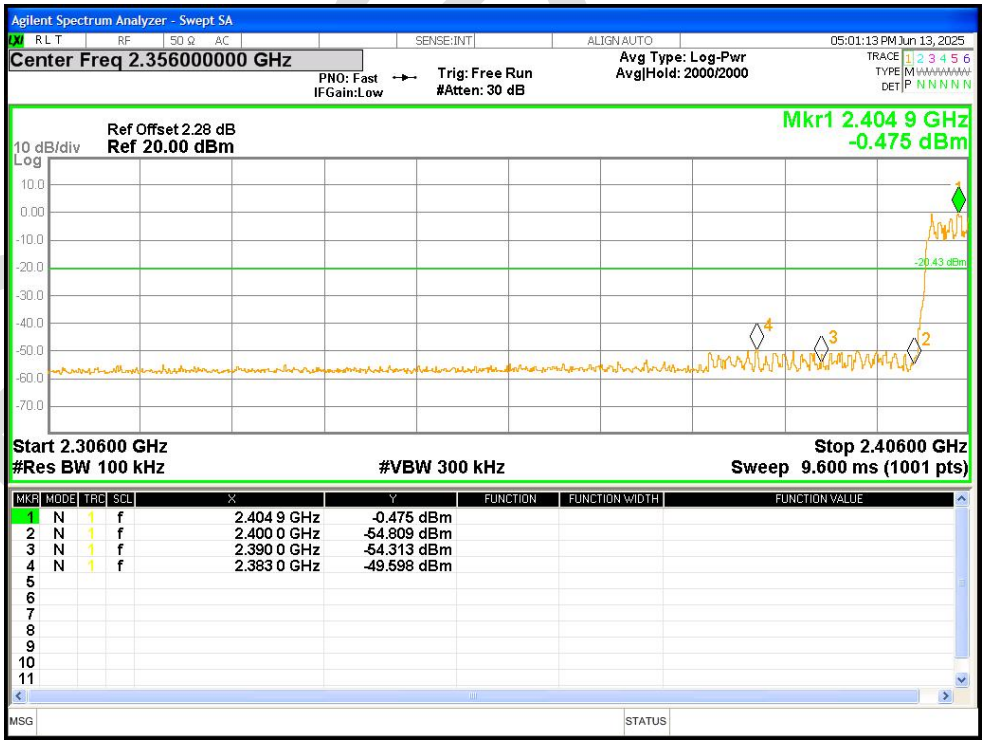
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref

Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



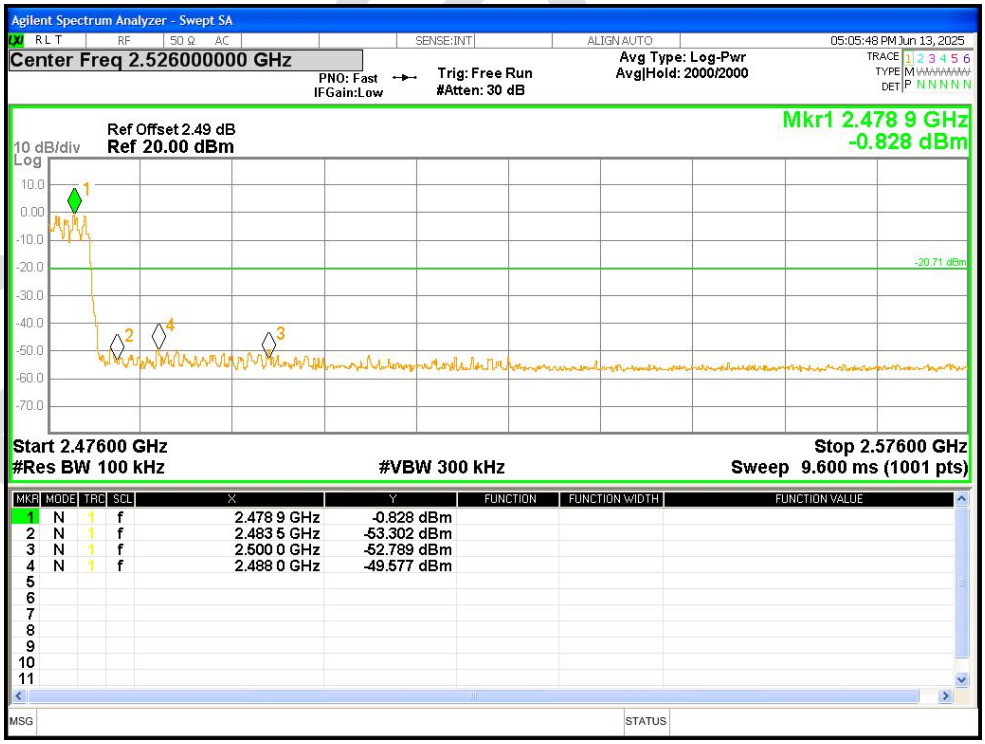
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref

Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref

Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission



## 7.7 Conducted RF Spurious Emission

| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | 1-DH1 | 2402 | Ant1 | -43.08 | -20 | Pass |
| NVNT | 1-DH1 | 2441 | Ant1 | -40.51 | -20 | Pass |
| NVNT | 1-DH1 | 2480 | Ant1 | -42.51 | -20 | Pass |
| NVNT | 2-DH1 | 2402 | Ant1 | -41.27 | -20 | Pass |
| NVNT | 2-DH1 | 2441 | Ant1 | -41.99 | -20 | Pass |
| NVNT | 2-DH1 | 2480 | Ant1 | -40.27 | -20 | Pass |
| NVNT | 3-DH1 | 2402 | Ant1 | -39.57 | -20 | Pass |
| NVNT | 3-DH1 | 2441 | Ant1 | -41.31 | -20 | Pass |
| NVNT | 3-DH1 | 2480 | Ant1 | -40.6 | -20 | Pass |

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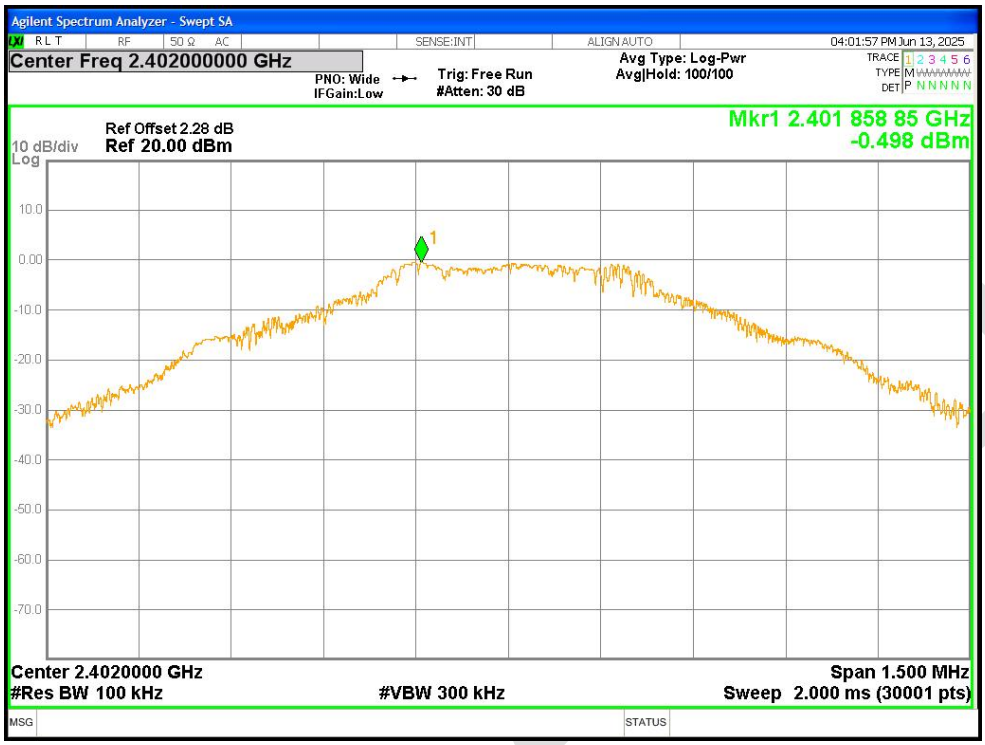
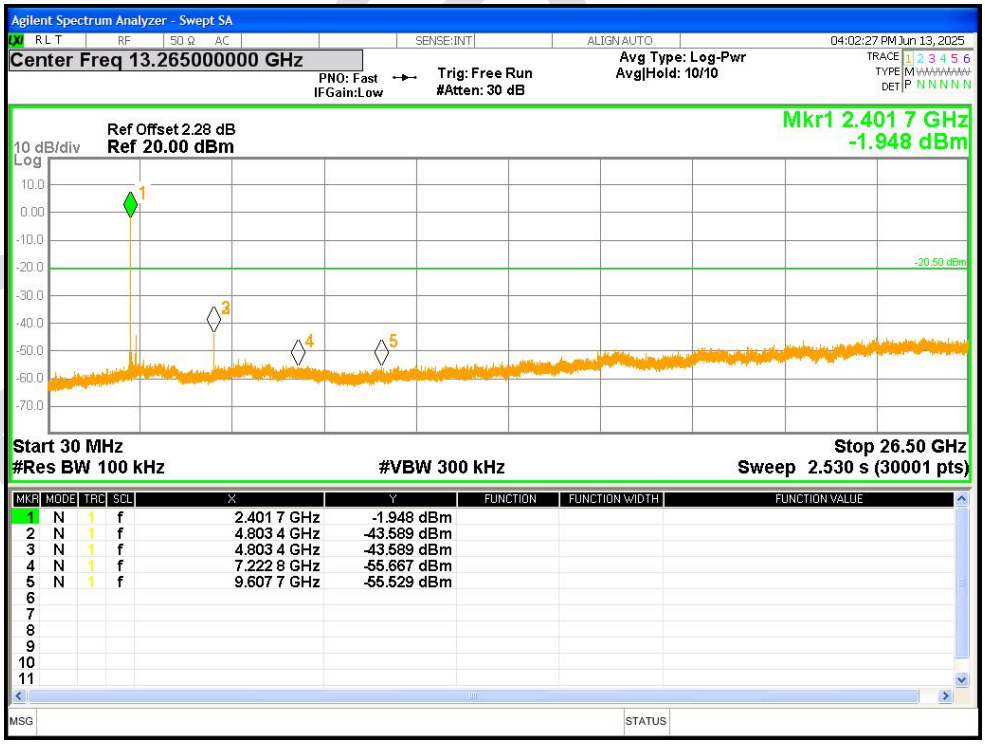
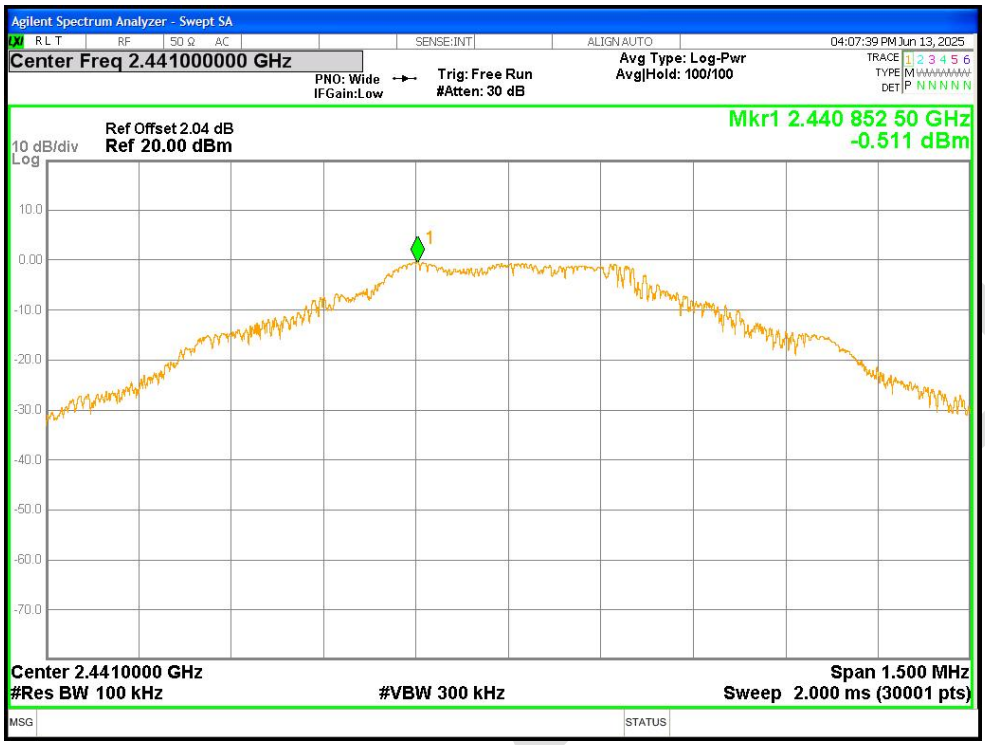
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



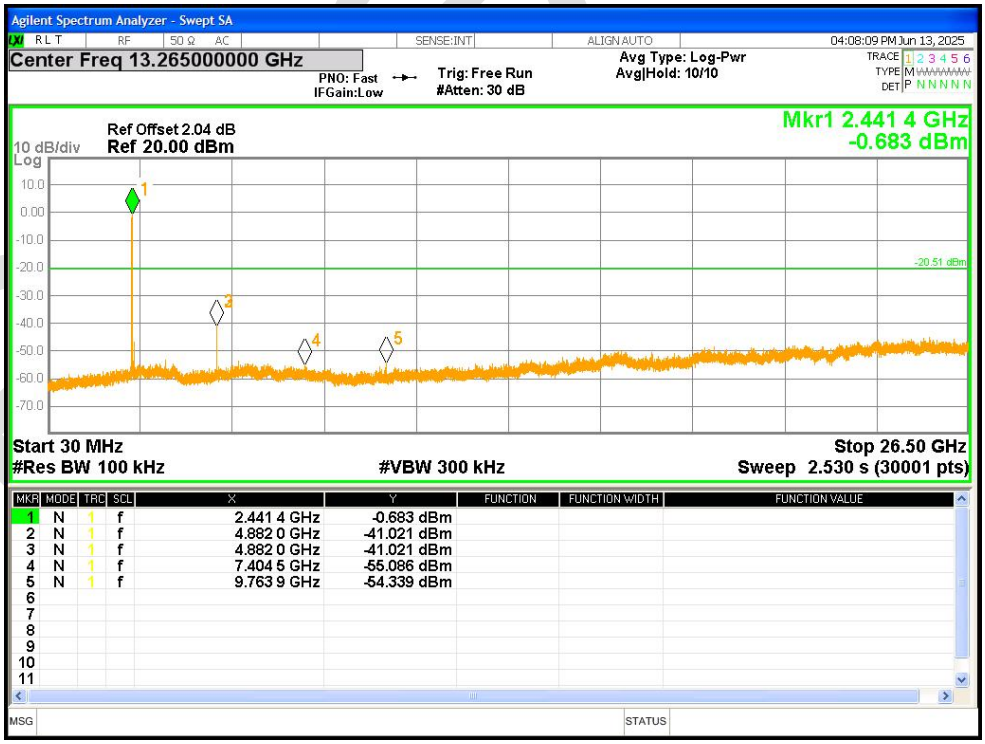

Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



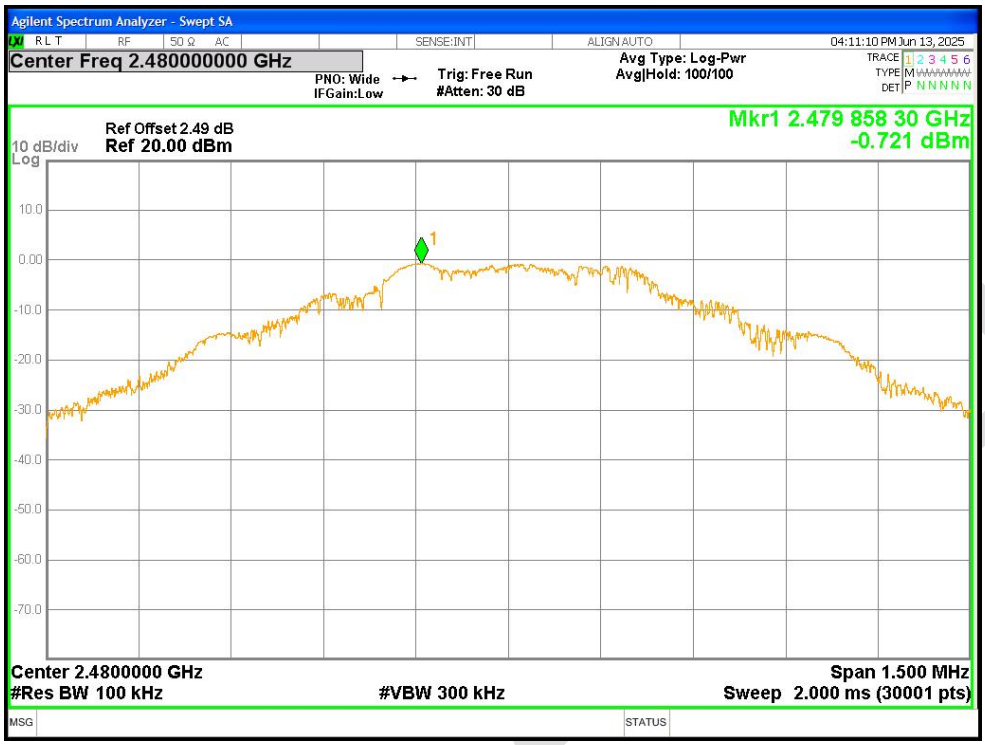
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



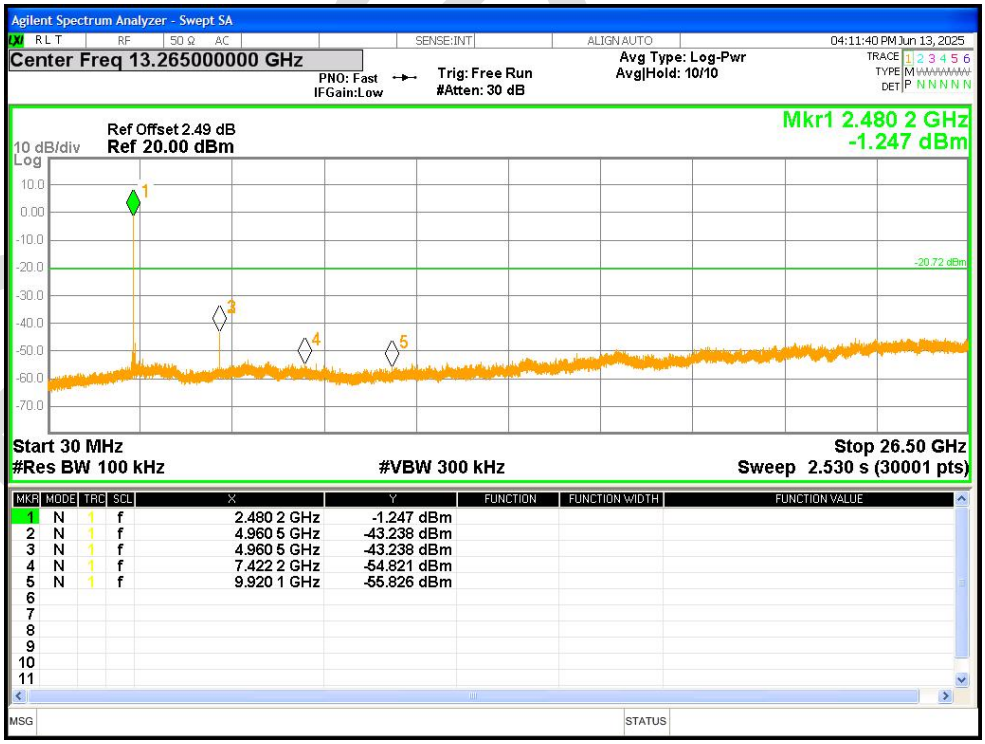

Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



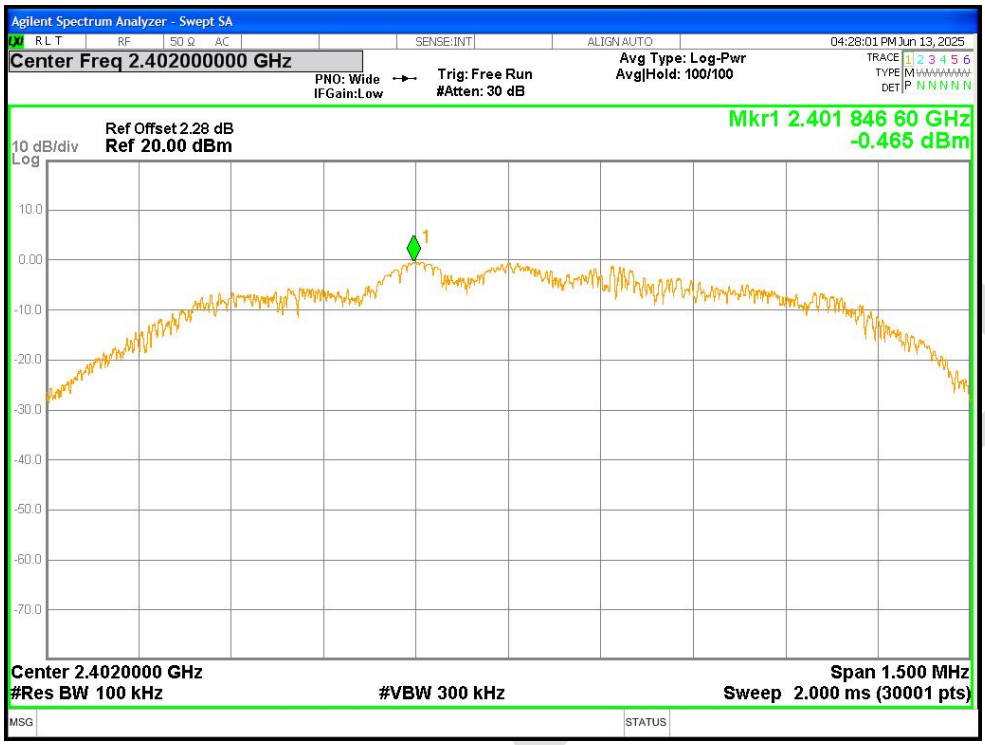
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



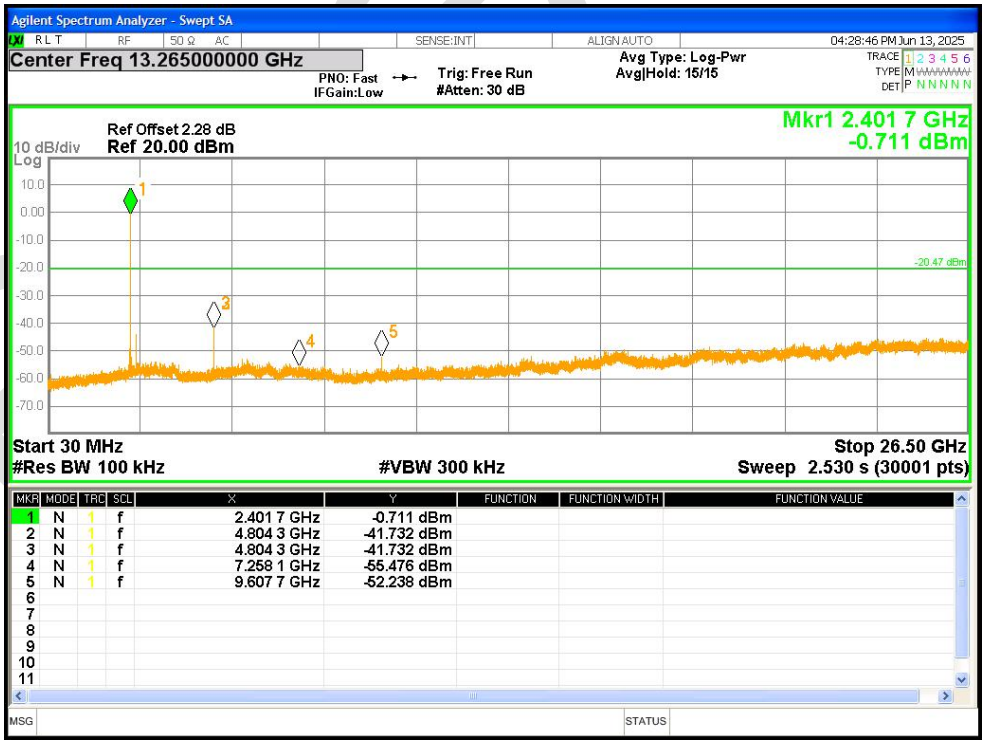

Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



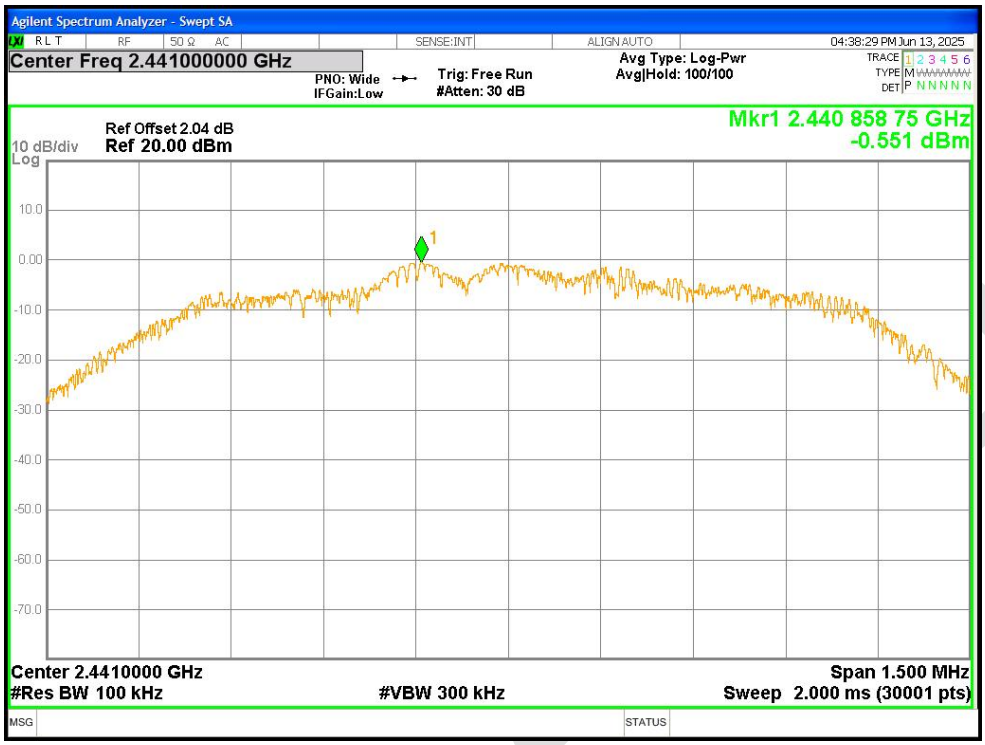
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



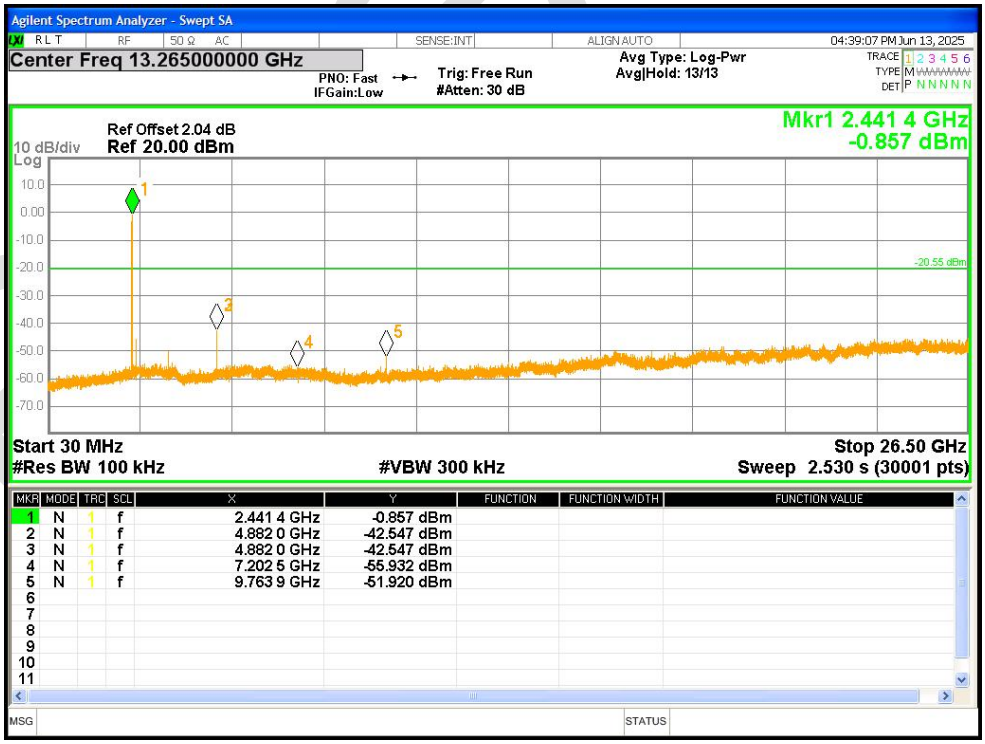

Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



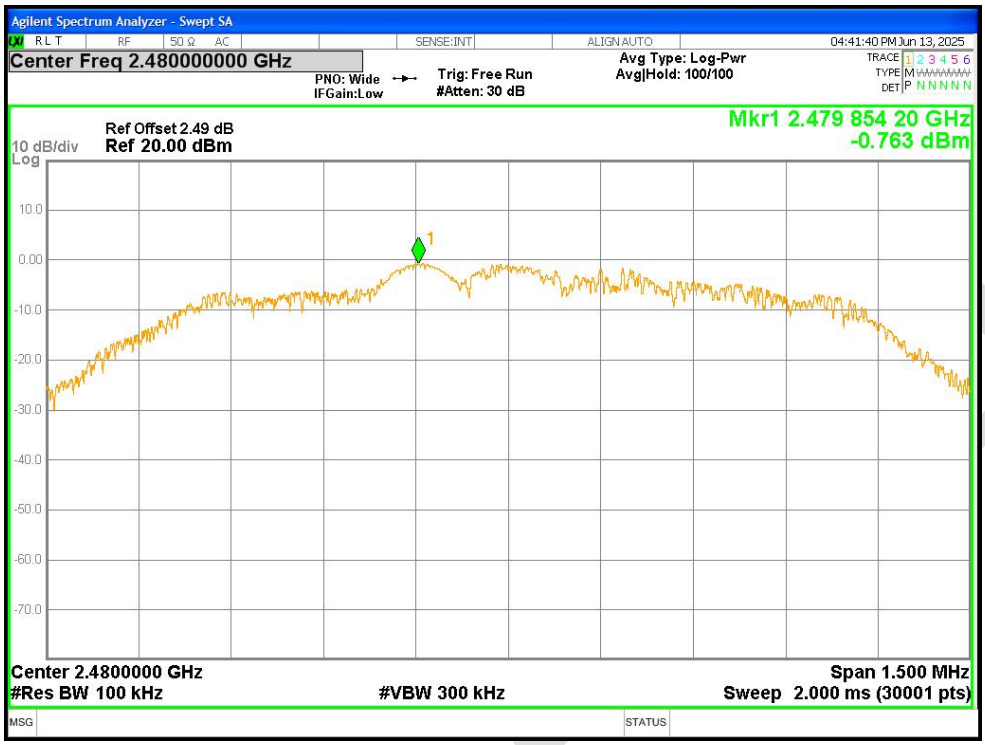
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



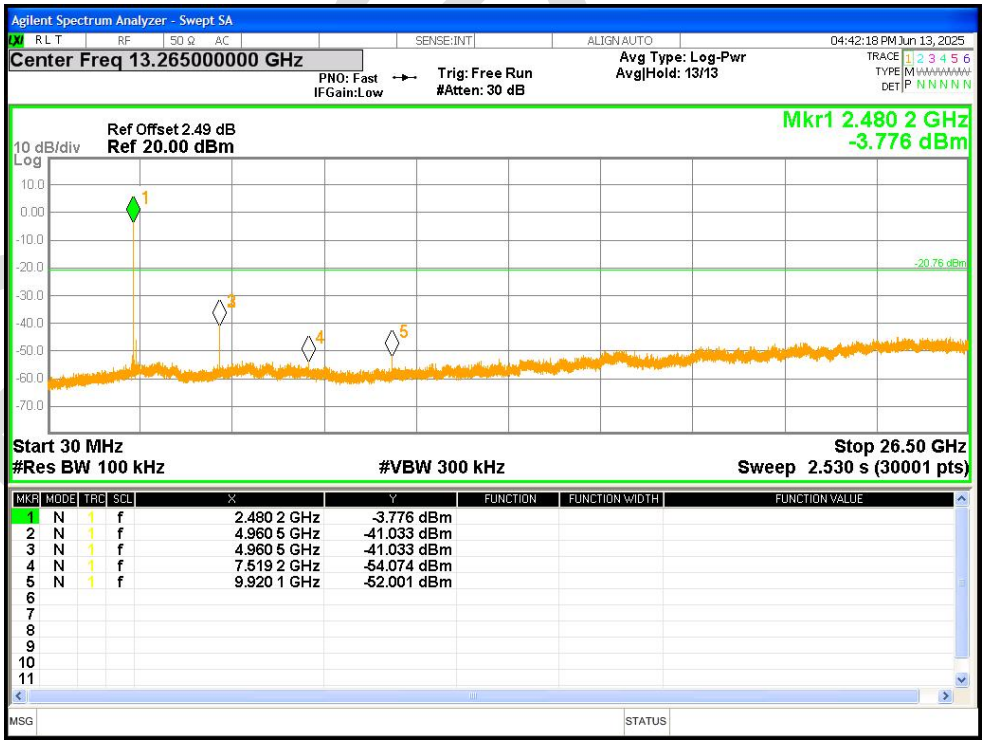

Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



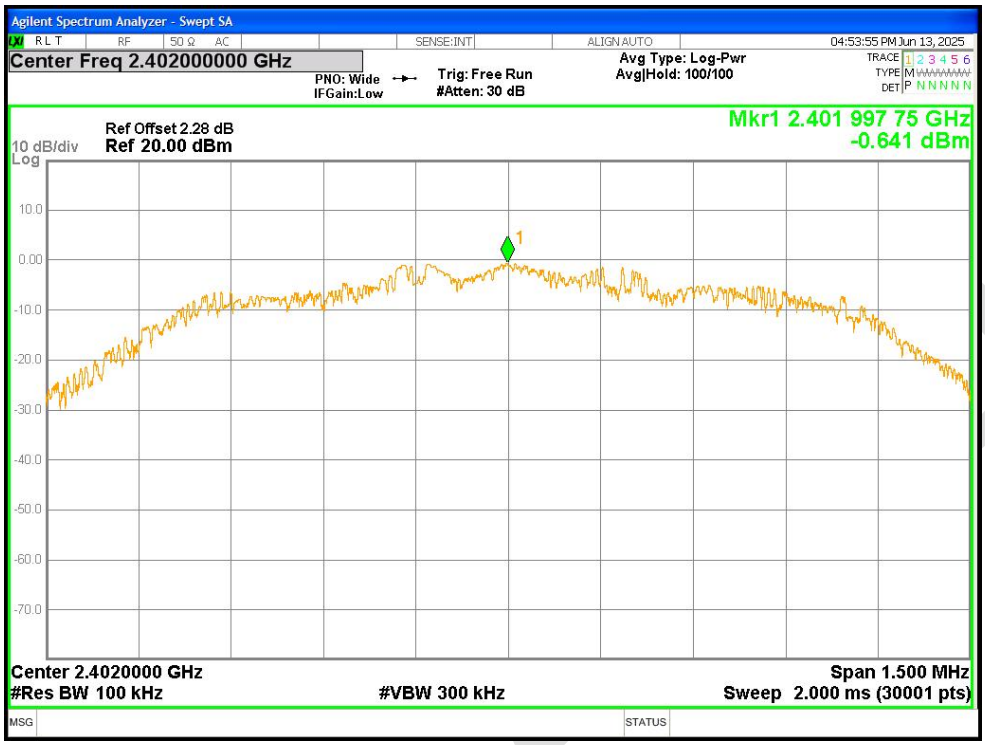
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



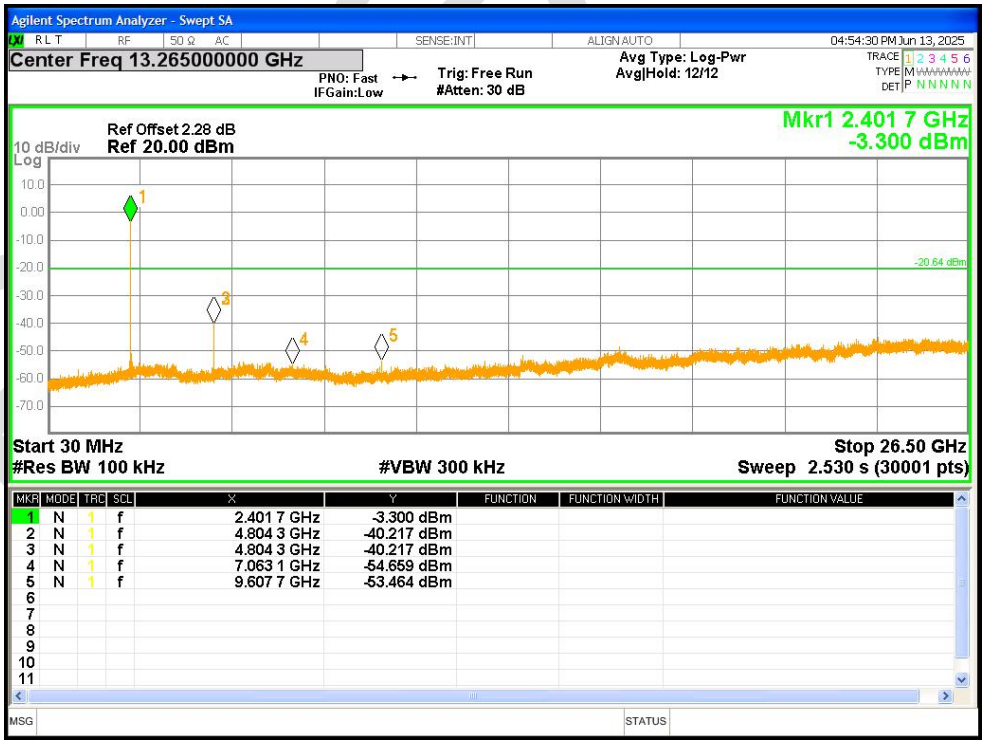

Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref

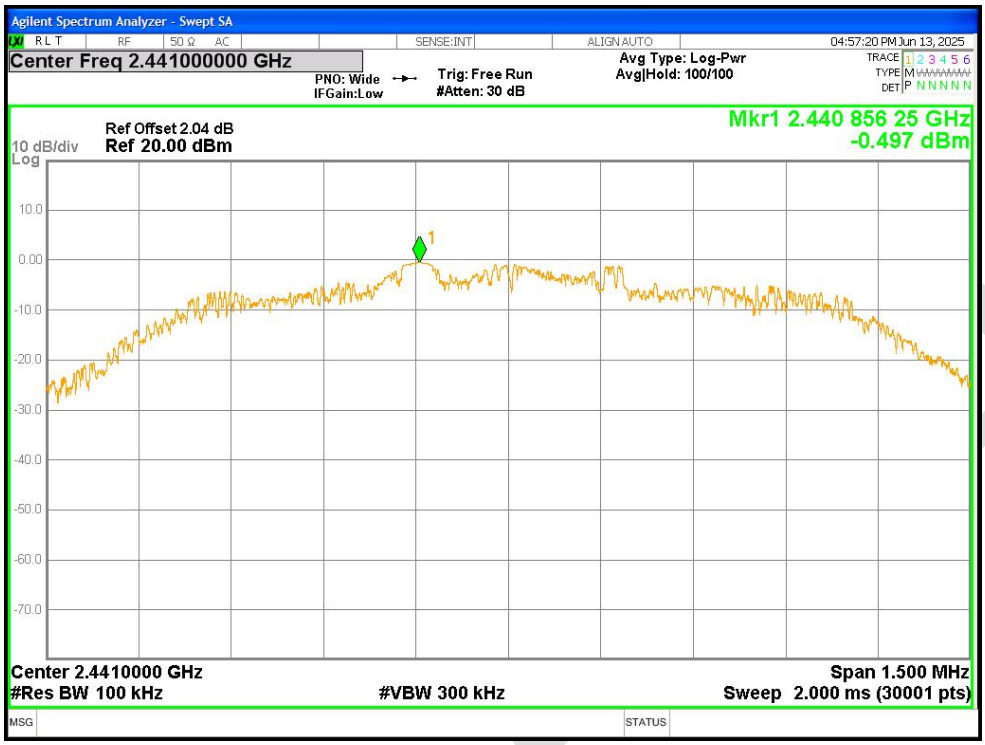



Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission

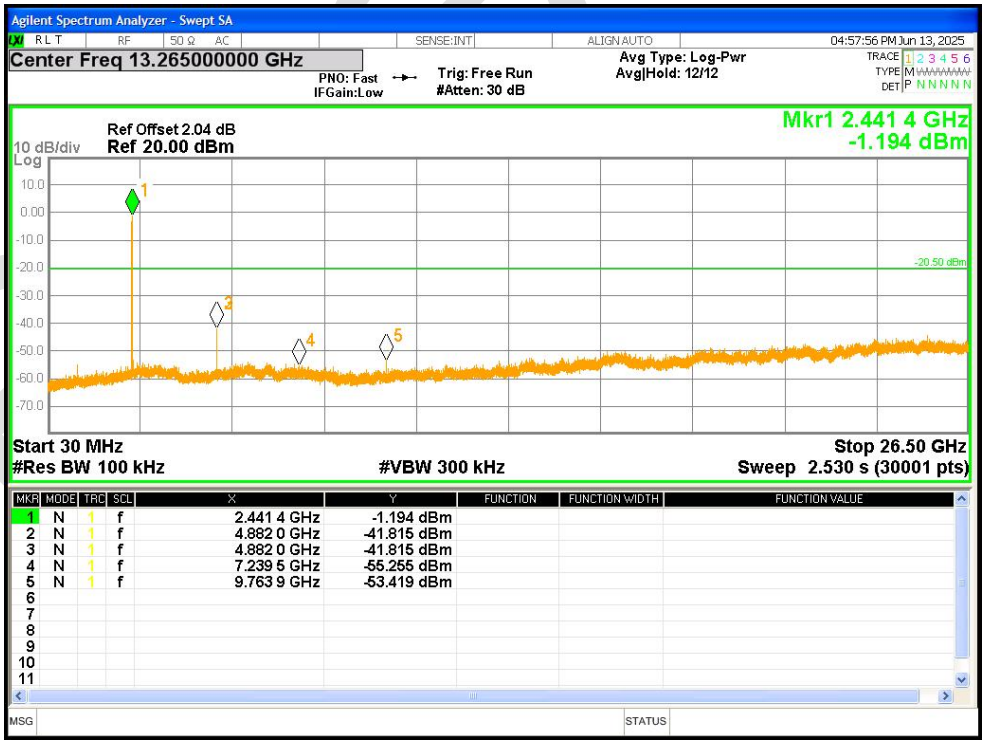



| MKR | MODE | TRC | SCL | X | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|---|---|---|---|---|---|---|---|---|
| 1 | N | 1 | f | 2.401 7 GHz | -3.300 dBm | | | |
| 2 | N | 1 | f | 4.804 3 GHz | -40.217 dBm | | | |
| 3 | N | 1 | f | 4.804 3 GHz | -40.217 dBm | | | |
| 4 | N | 1 | f | 7.063 1 GHz | -54.659 dBm | | | |
| 5 | N | 1 | f | 9.607 7 GHz | -53.464 dBm | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |

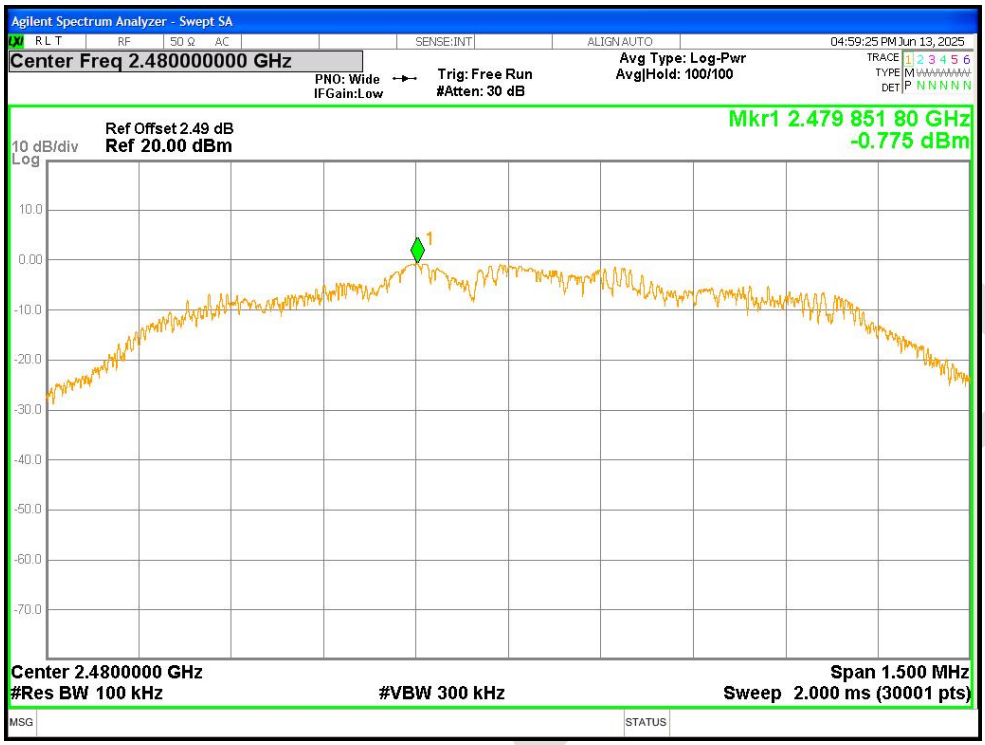
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



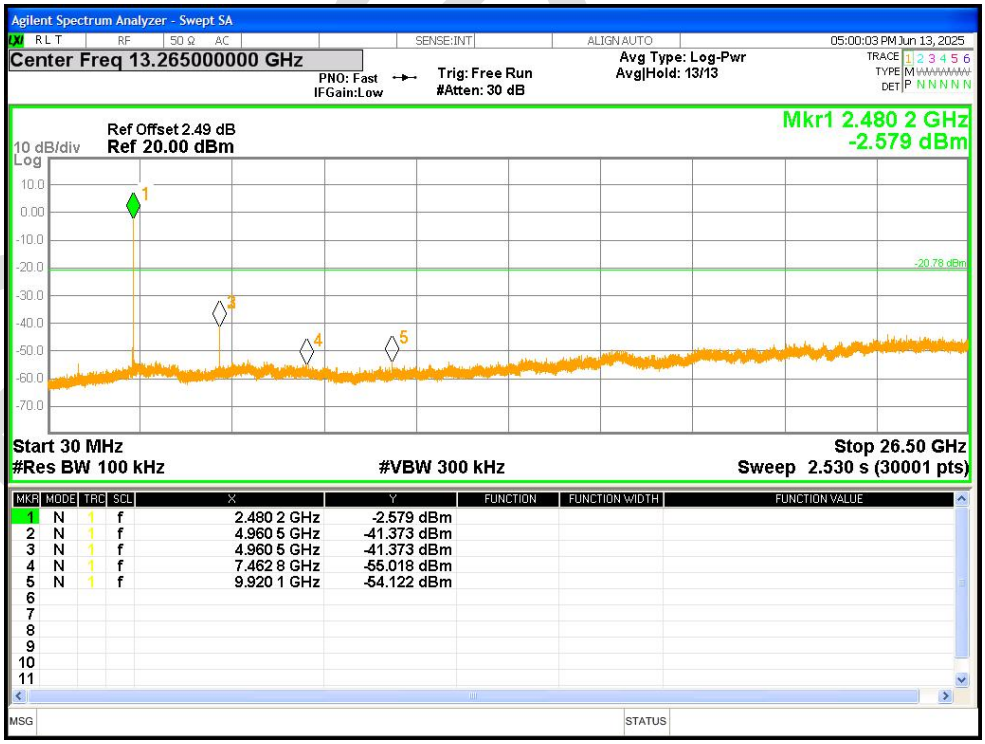

Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref




Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission



## 7.8 Carrier Frequencies Separation

| Condition | Mode | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| NVNT | 1-DH1 | Ant1 | 2441.005 | 2442.076 | 1.071 | 1.067 | Pass |
| NVNT | 2-DH1 | Ant1 | 2440.855 | 2441.848 | 0.993 | 0.853 | Pass |
| NVNT | 3-DH1 | Ant1 | 2440.852 | 2441.851 | 0.999 | 0.842 | Pass |

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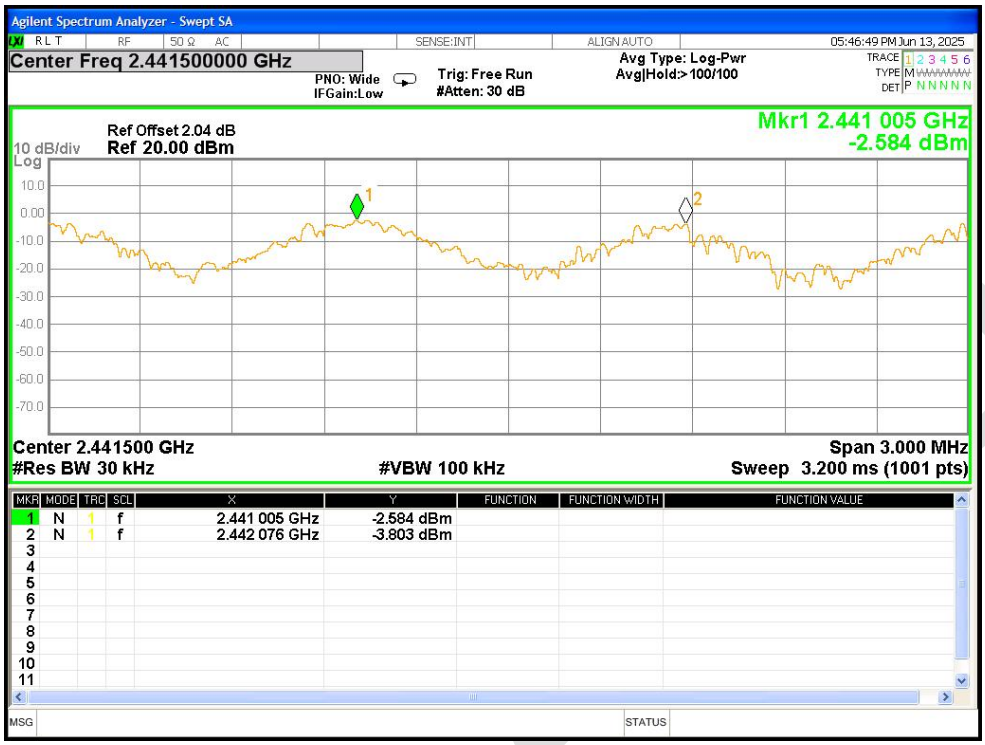
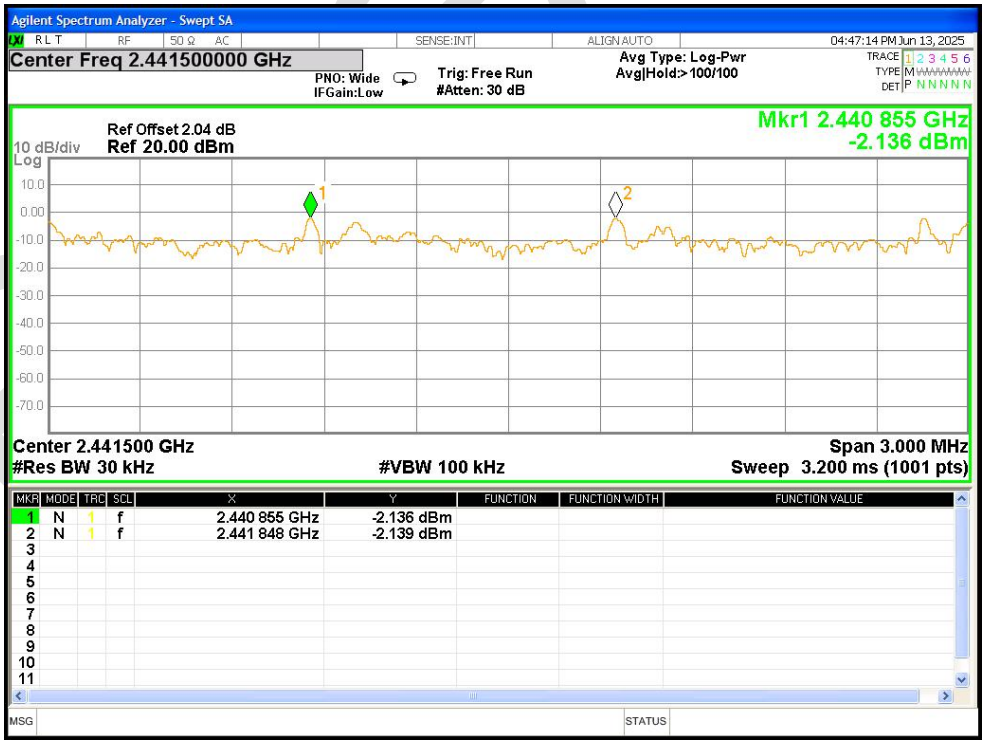
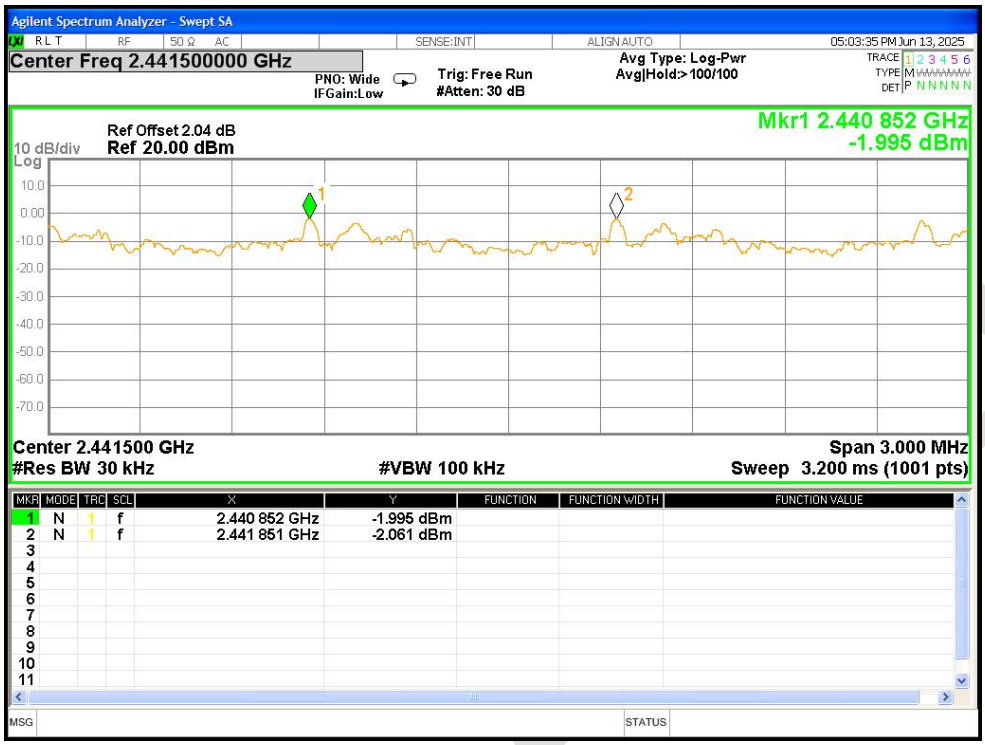
CFS NVNT 1-DH1 2441MHz Ant1




CFS NVNT 2-DH1 2441MHz Ant1



CFS NVNT 3-DH1 2441MHz Ant1



## 7.9 Number of Hopping Channel

| Condition | Mode | Antenna | Hopping Number | Limit | Verdict |
|---|---|---|---|---|---|
| NVNT | 1-DH1 | Ant1 | 79 | 15 | Pass |
| NVNT | 2-DH1 | Ant1 | 79 | 15 | Pass |
| NVNT | 3-DH1 | Ant1 | 79 | 15 | Pass |

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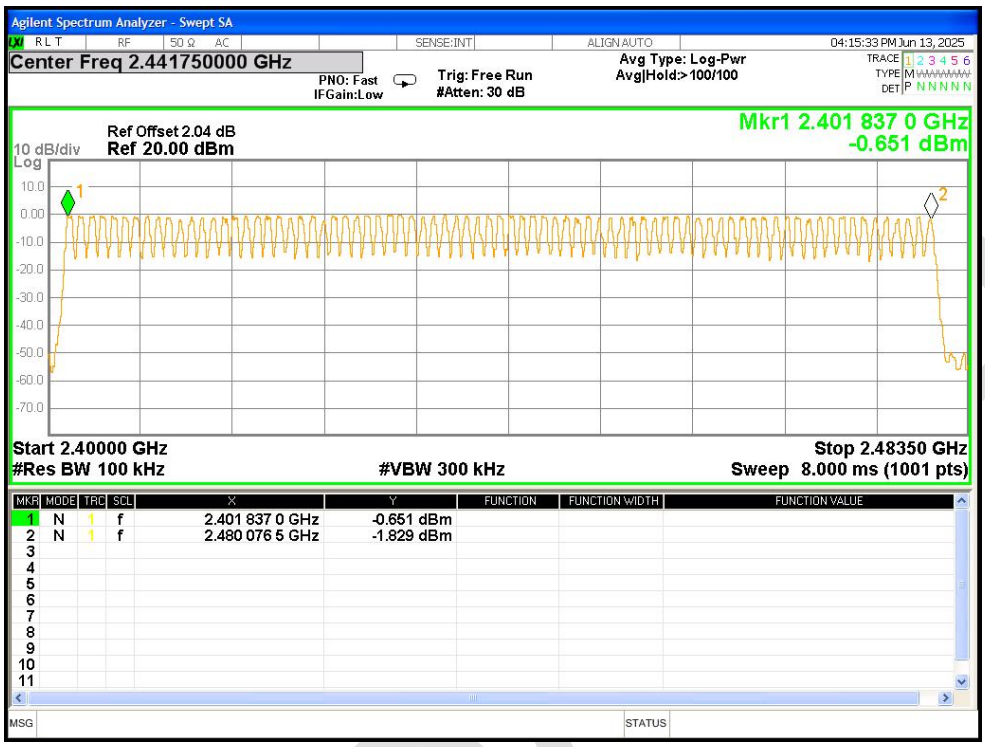
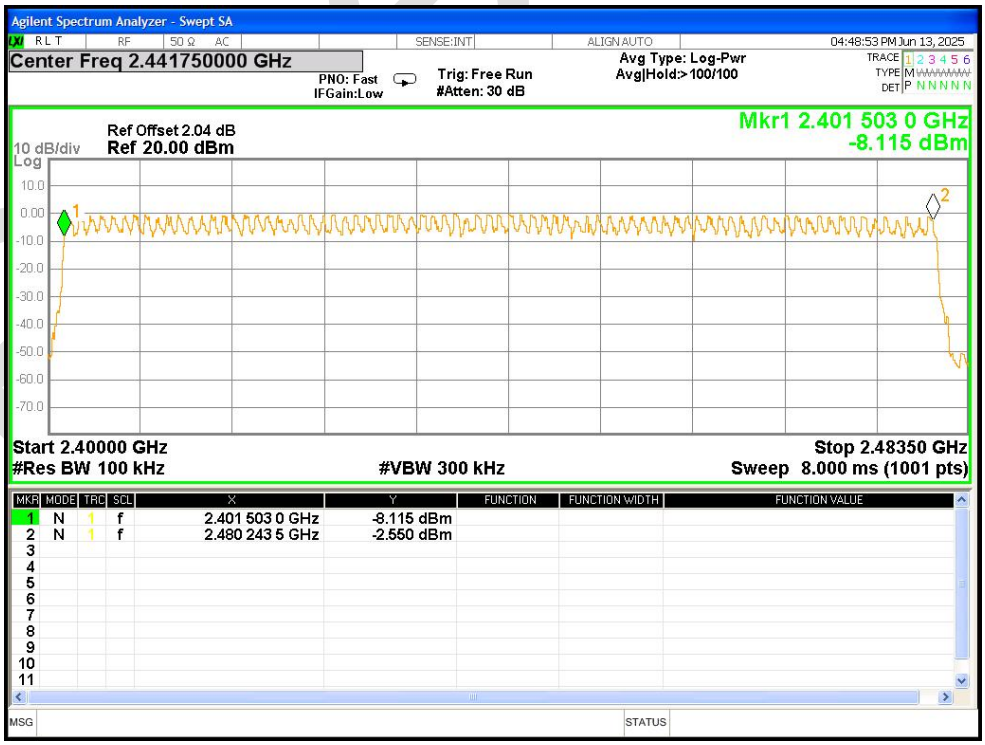
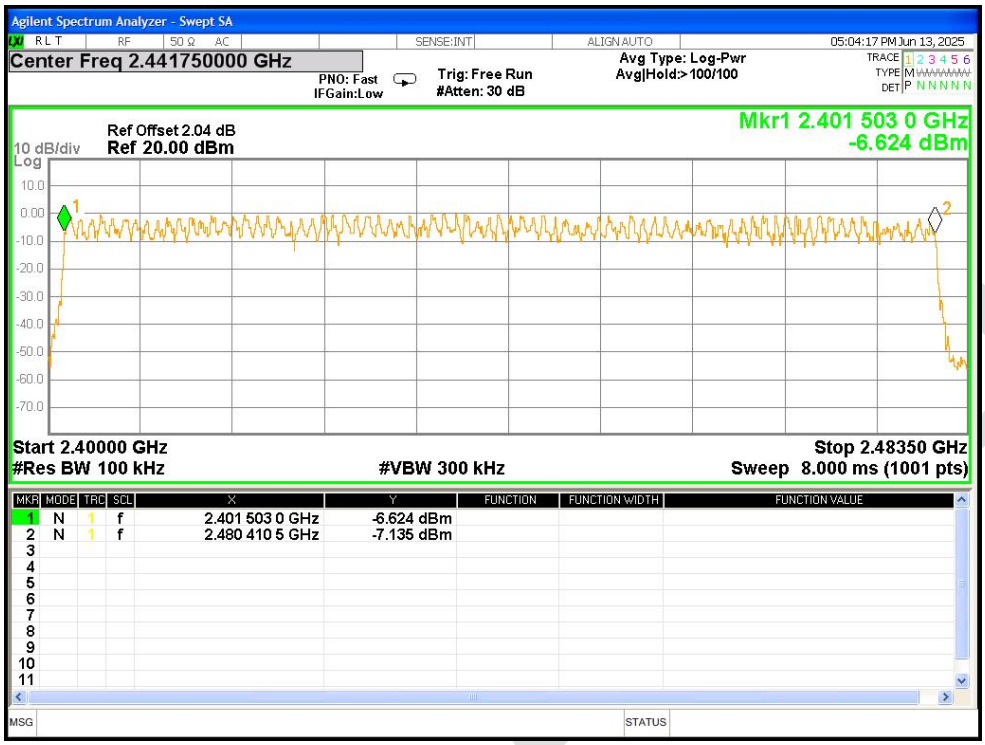
Hopping No. NVNT 1-DH1 2441MHz Ant1




Hopping No. NVNT 2-DH1 2441MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1



## 7.10 Dwell Time

| Condition | Mode | Frequency (MHz) | Antenna | Pulse Time (ms) | Total Dwell Time (ms) | Burst Count | Period Time (ms) | Limit (ms) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| NVNT | 1-DH1 | 2441 | Ant1 | 0.373 | 118.614 | 318 | 31600 | 400 | Pass |
| NVNT | 1-DH3 | 2441 | Ant1 | 1.632 | 257.856 | 158 | 31600 | 400 | Pass |
| NVNT | 1-DH5 | 2441 | Ant1 | 2.88 | 316.8 | 110 | 31600 | 400 | Pass |
| NVNT | 2-DH5 | 2441 | Ant1 | 2.885 | 323.12 | 112 | 31600 | 400 | Pass |
| NVNT | 3-DH5 | 2441 | Ant1 | 2.887 | 340.666 | 118 | 31600 | 400 | Pass |

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