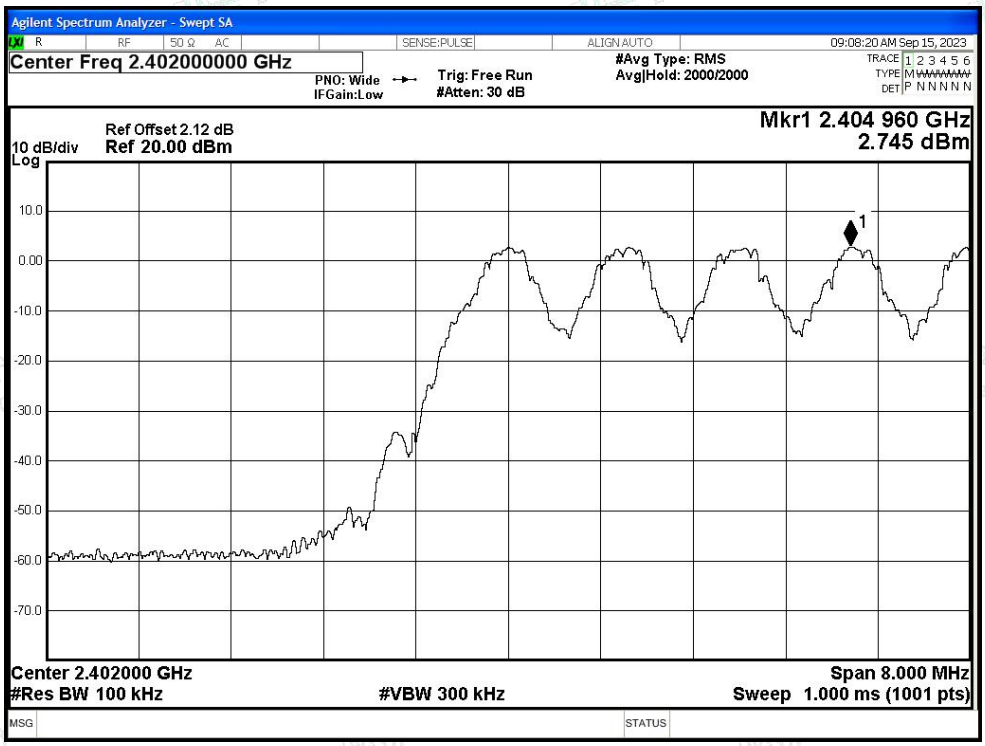
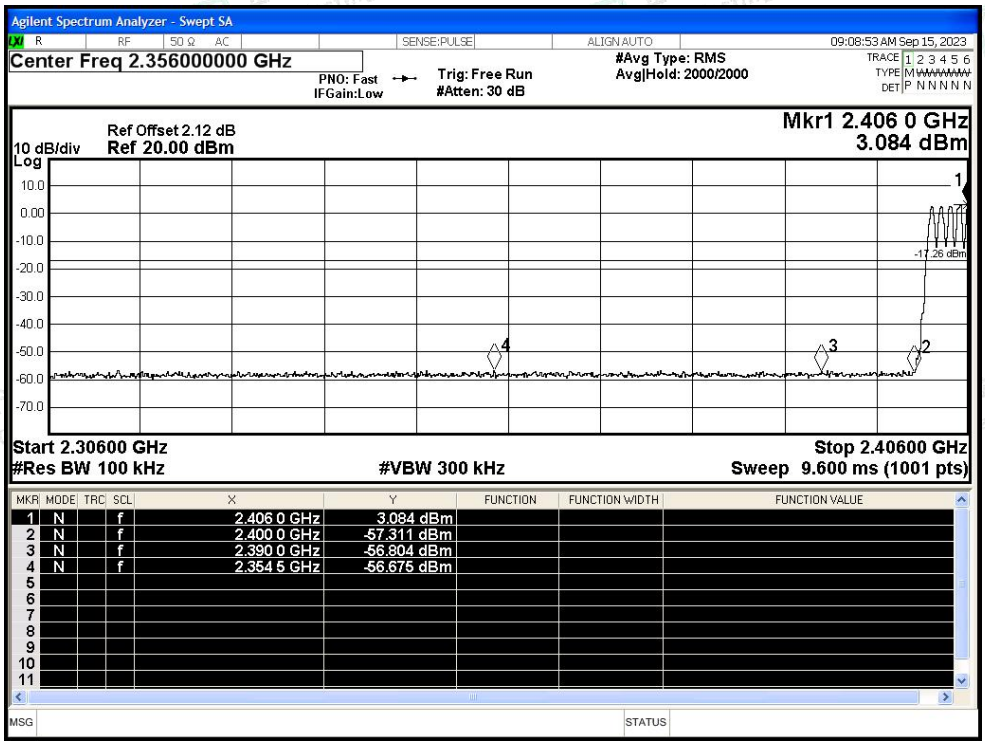
Test Graphs

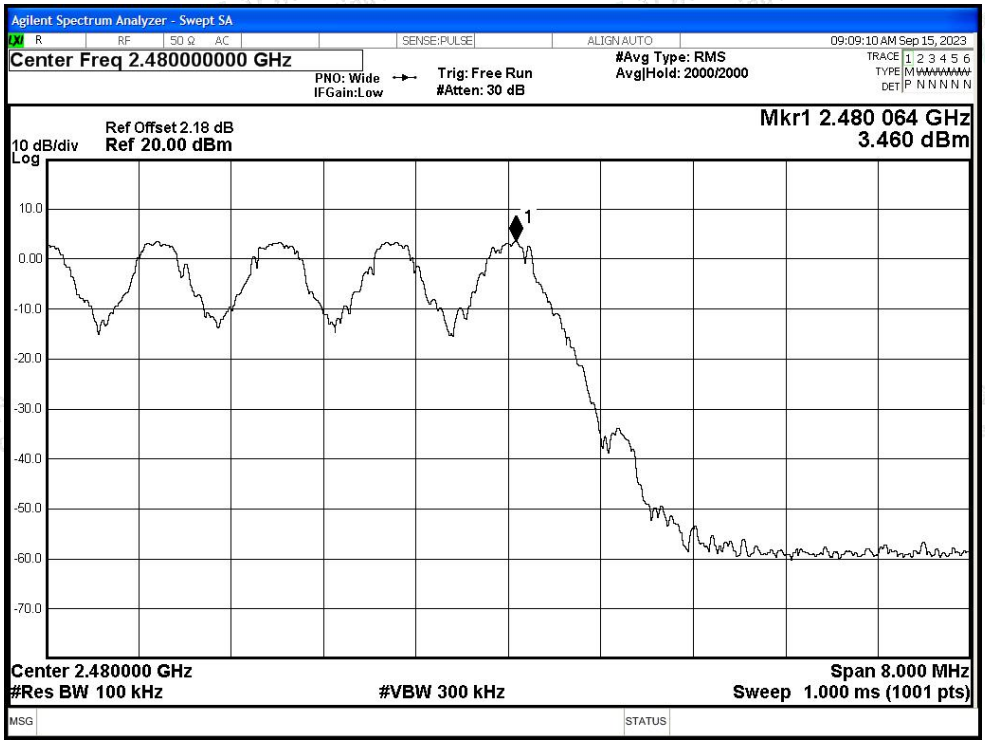
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



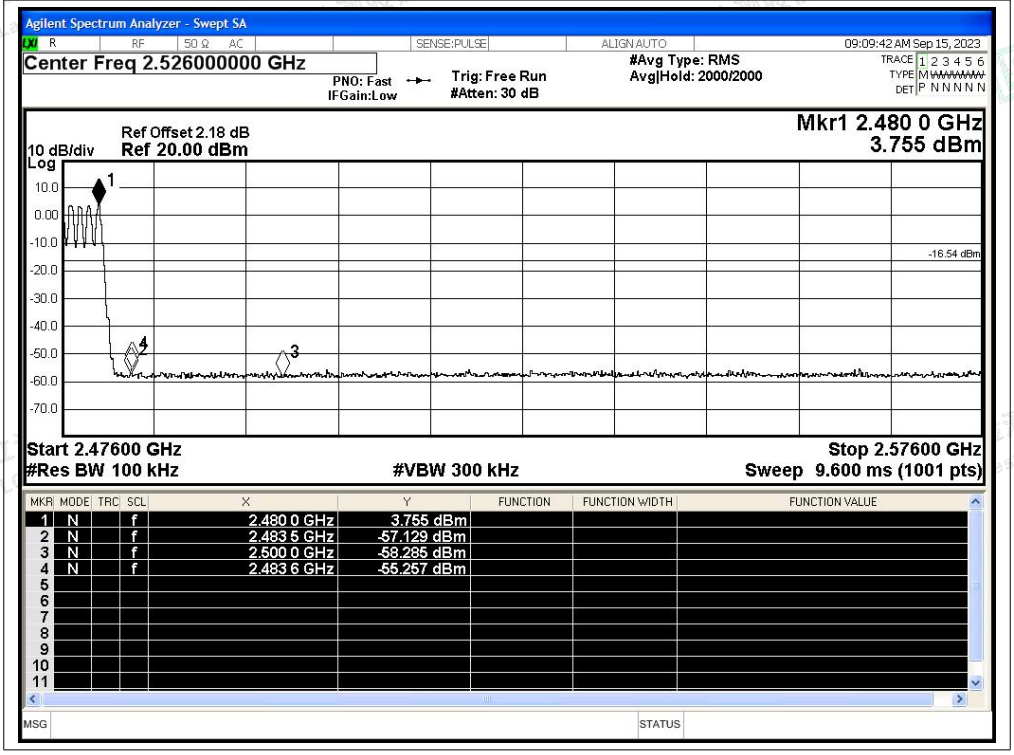

Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



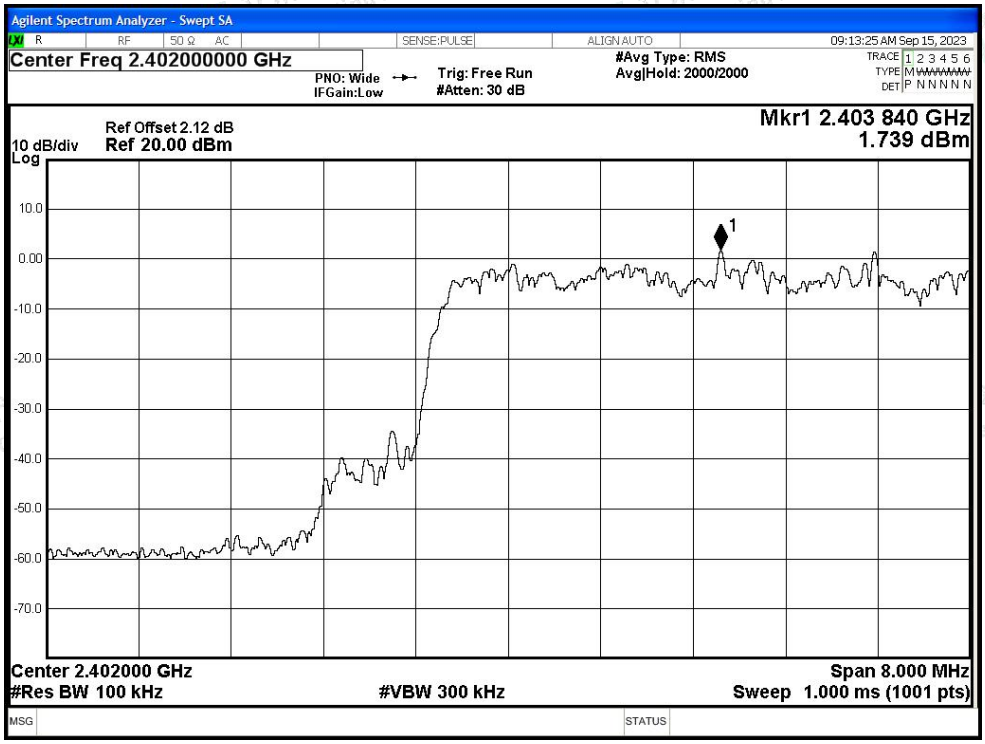
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



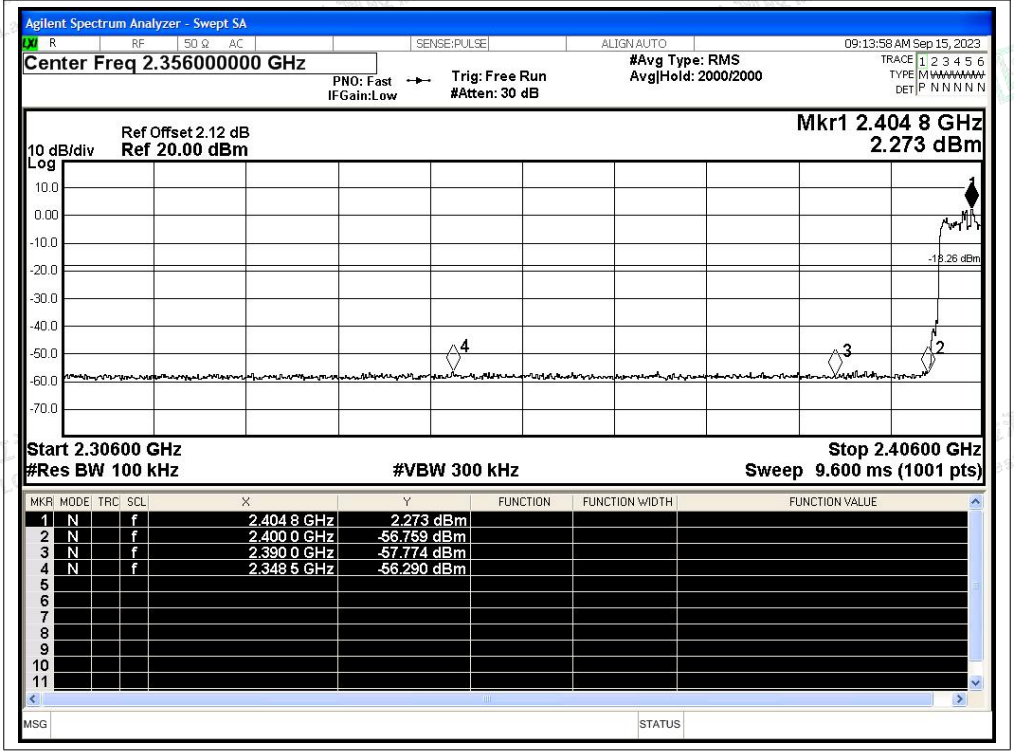

Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



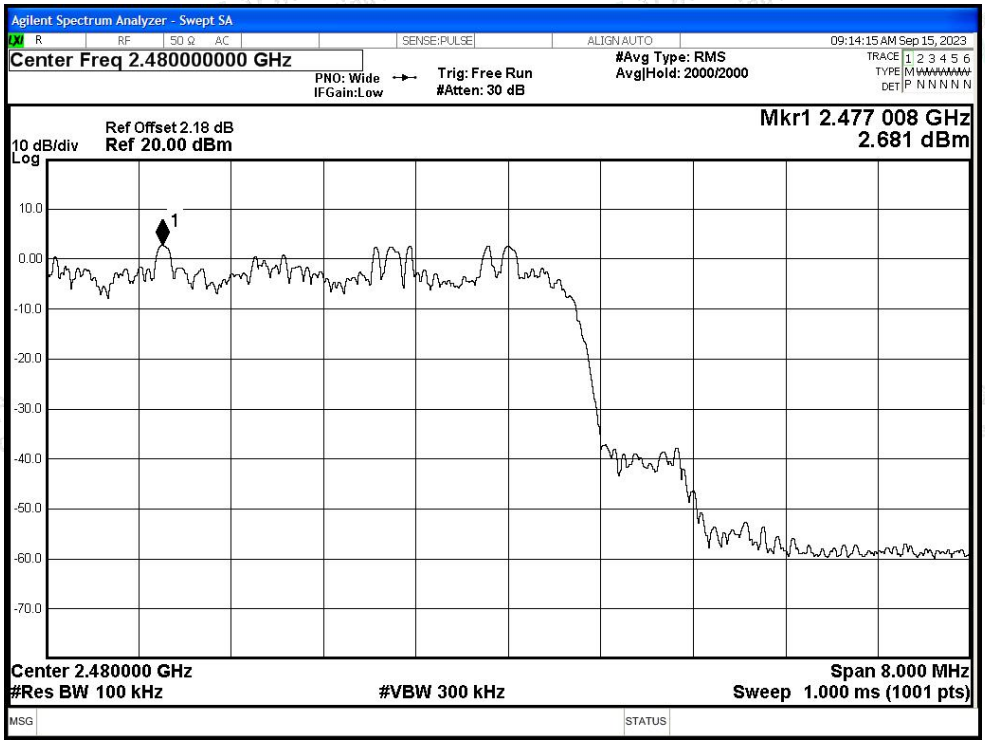
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



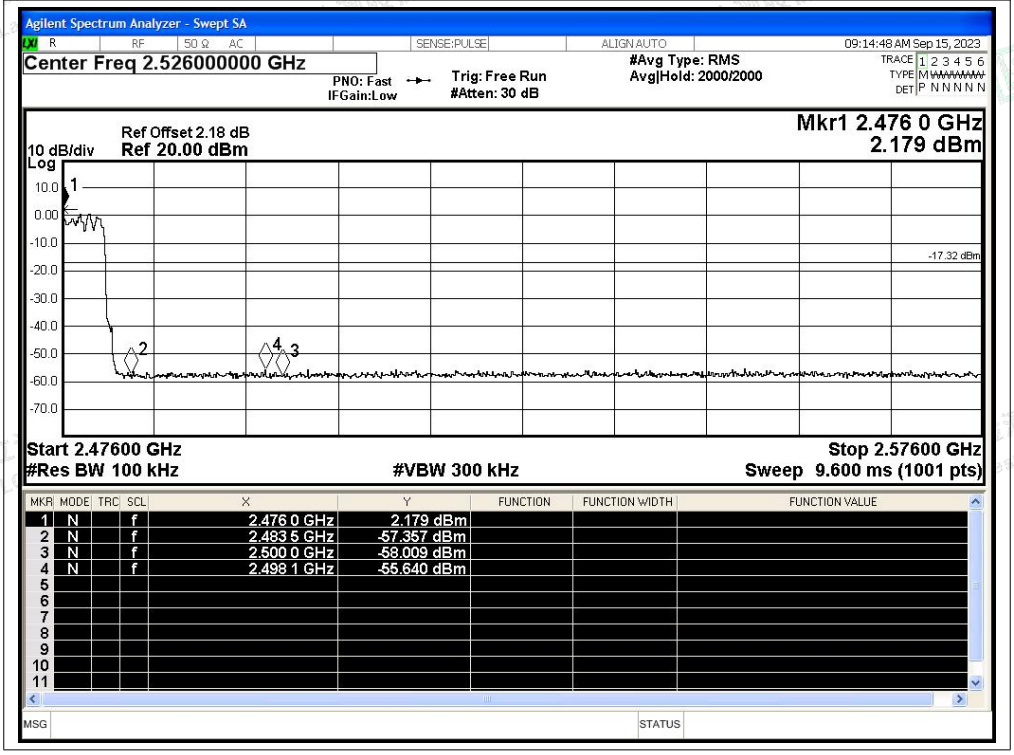

Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



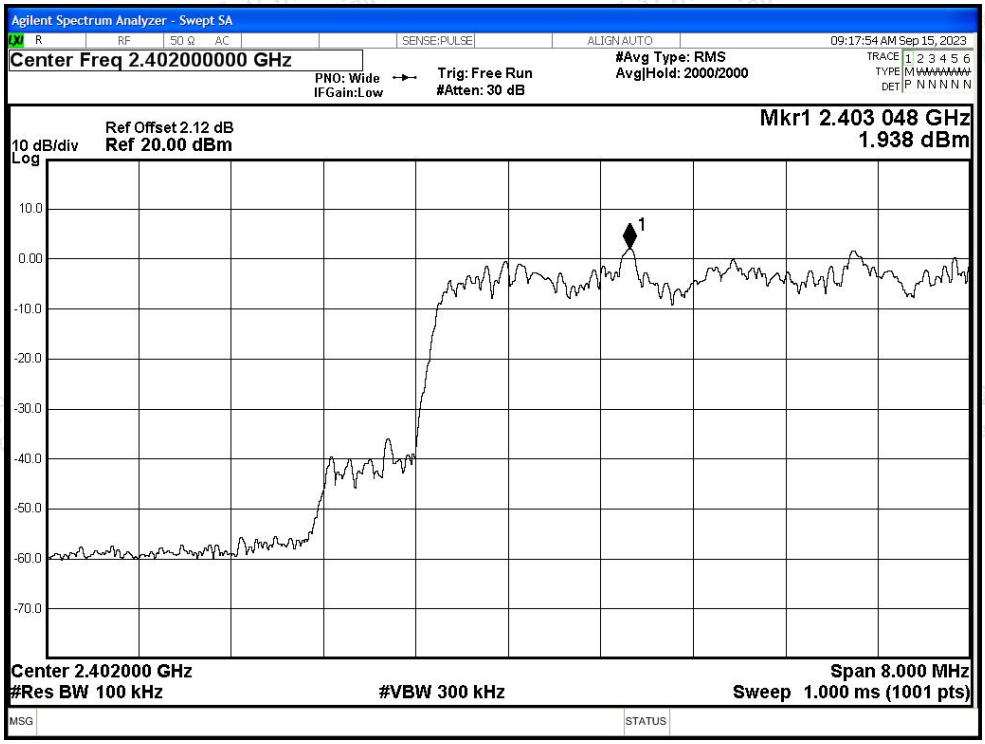
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



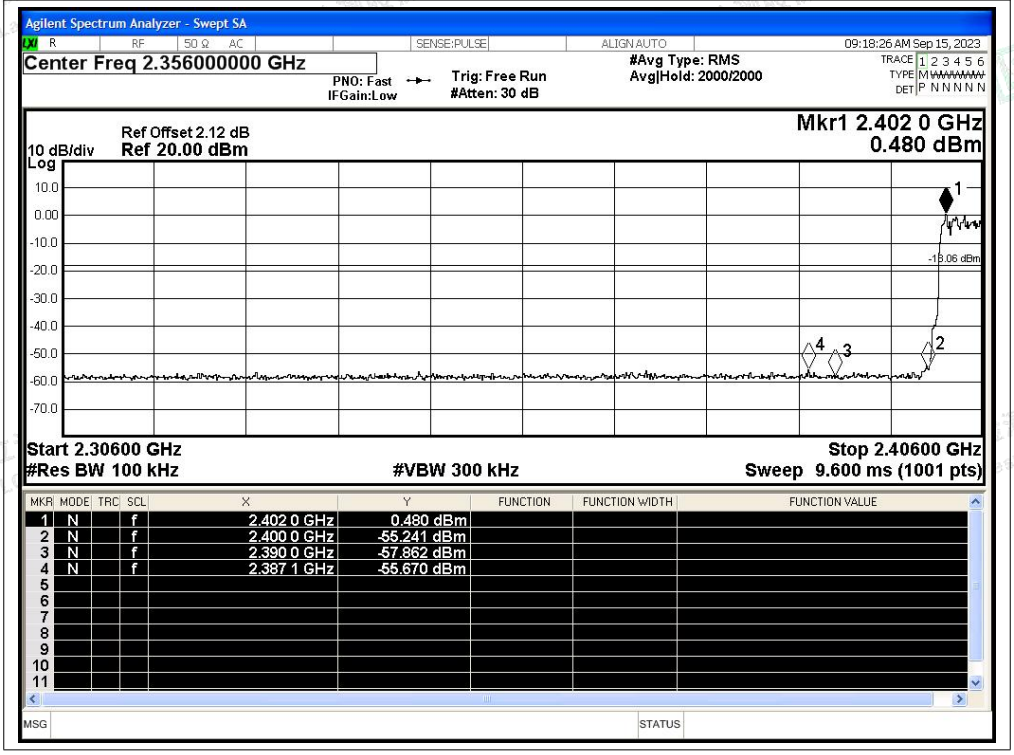

Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



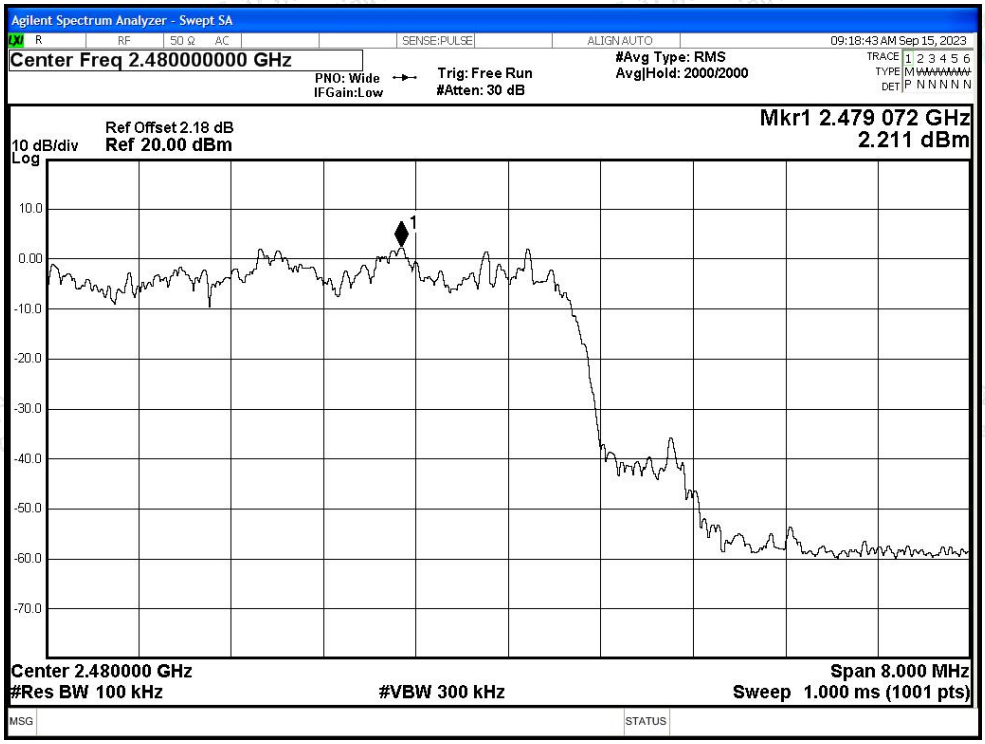
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



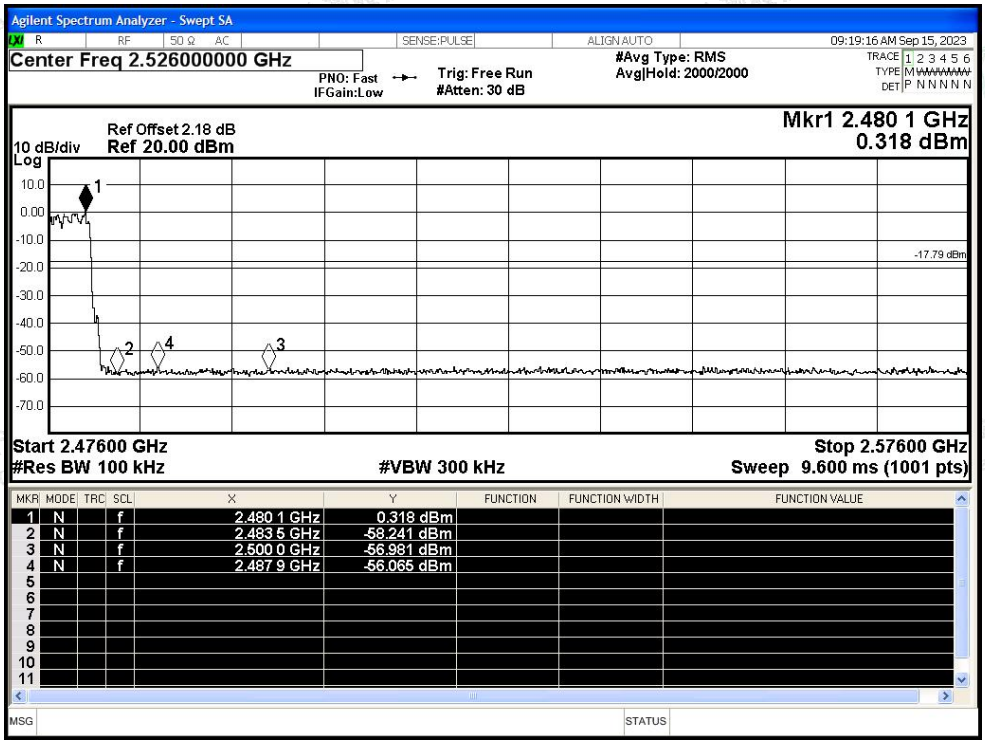

Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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




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

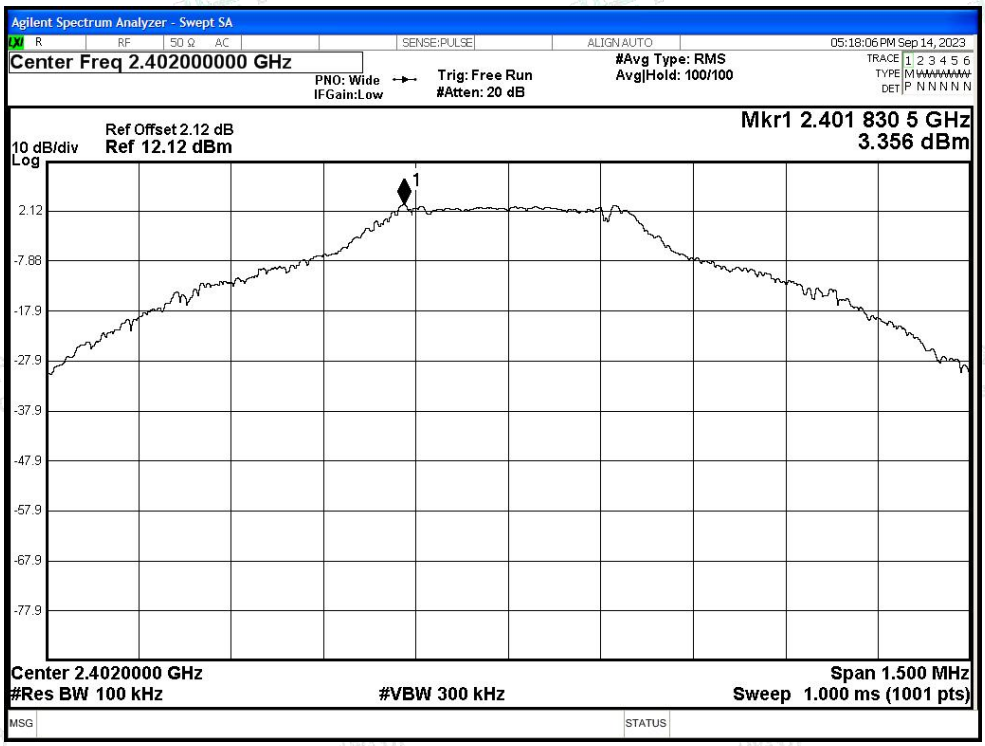


# A.7 Conducted RF Spurious Emission

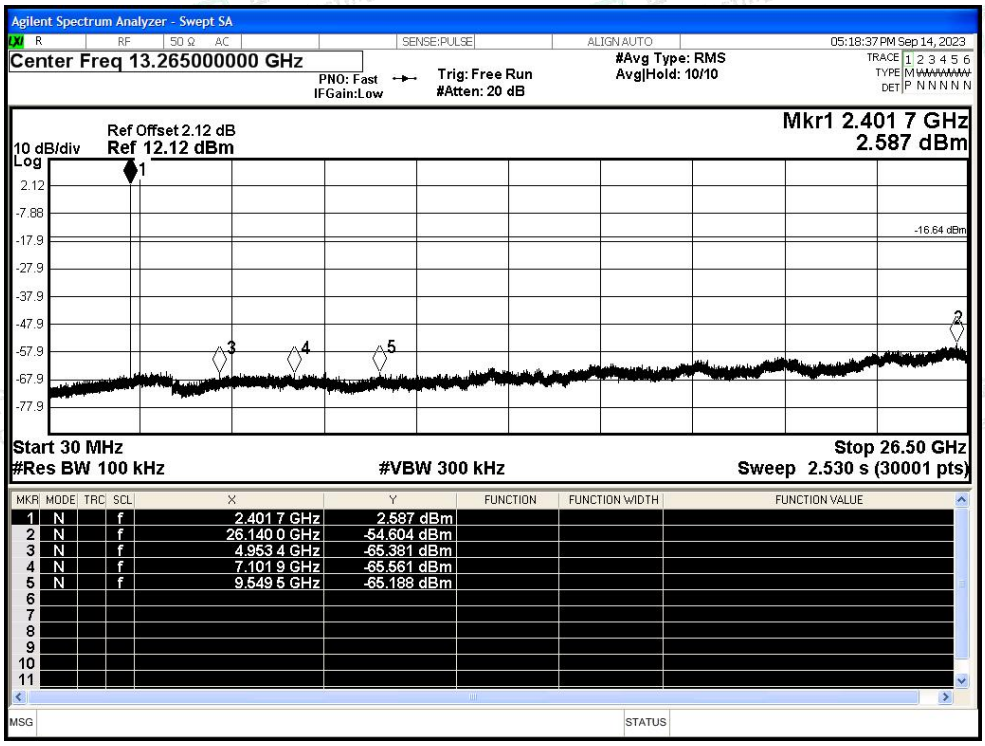
| Condition | Mode | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|---|---|---|---|---|---|---|
| NVNT | 1-DH5 | 2402 | Ant1 | -57.96 | -20 | Pass |
| NVNT | 1-DH5 | 2441 | Ant1 | -58.5 | -20 | Pass |
| NVNT | 1-DH5 | 2480 | Ant1 | -58.54 | -20 | Pass |
| NVNT | 2-DH5 | 2402 | Ant1 | -57.68 | -20 | Pass |
| NVNT | 2-DH5 | 2441 | Ant1 | -57.98 | -20 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | -57.19 | -20 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | -58.1 | -20 | Pass |
| NVNT | 3-DH5 | 2441 | Ant1 | -57.21 | -20 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | -58.19 | -20 | Pass |

Test Graphs

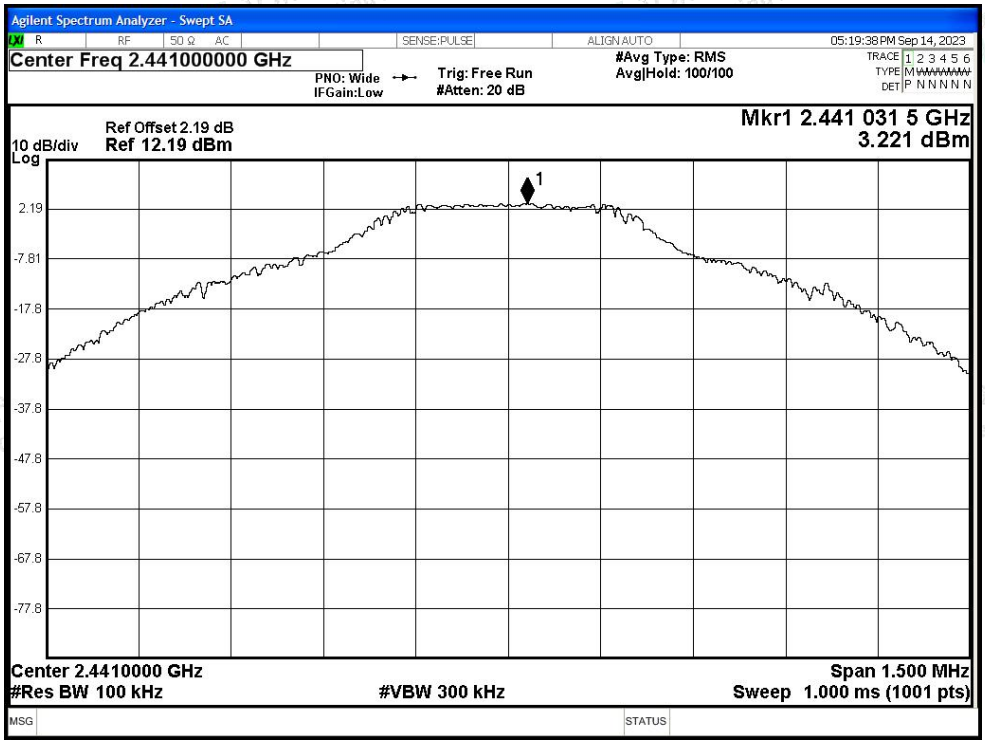
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



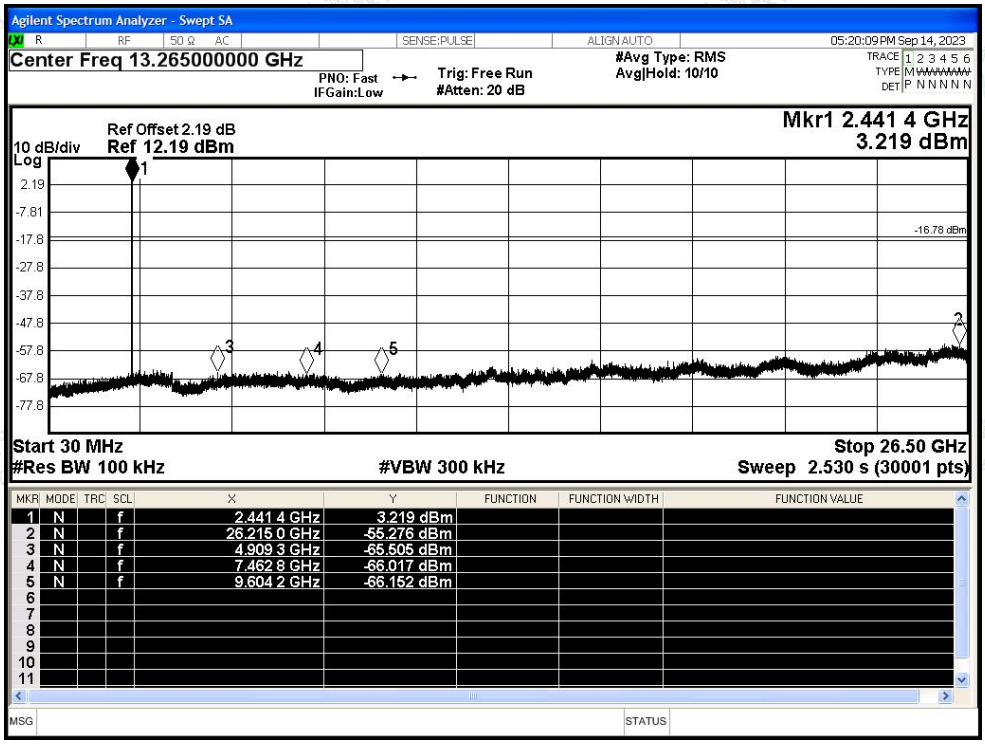

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



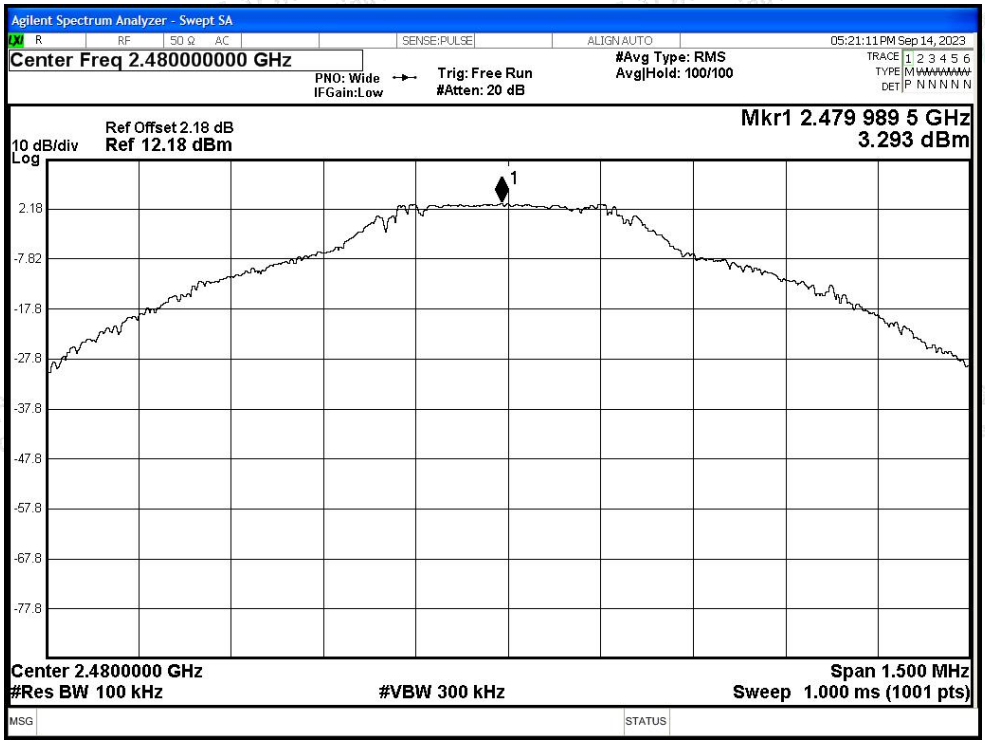
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



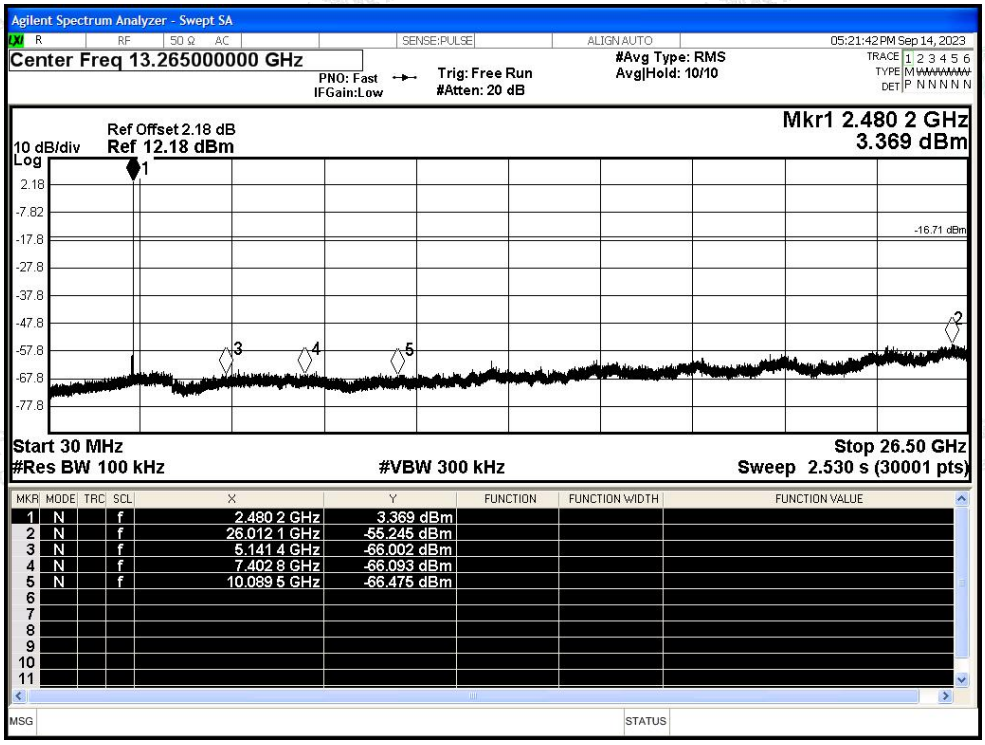

Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



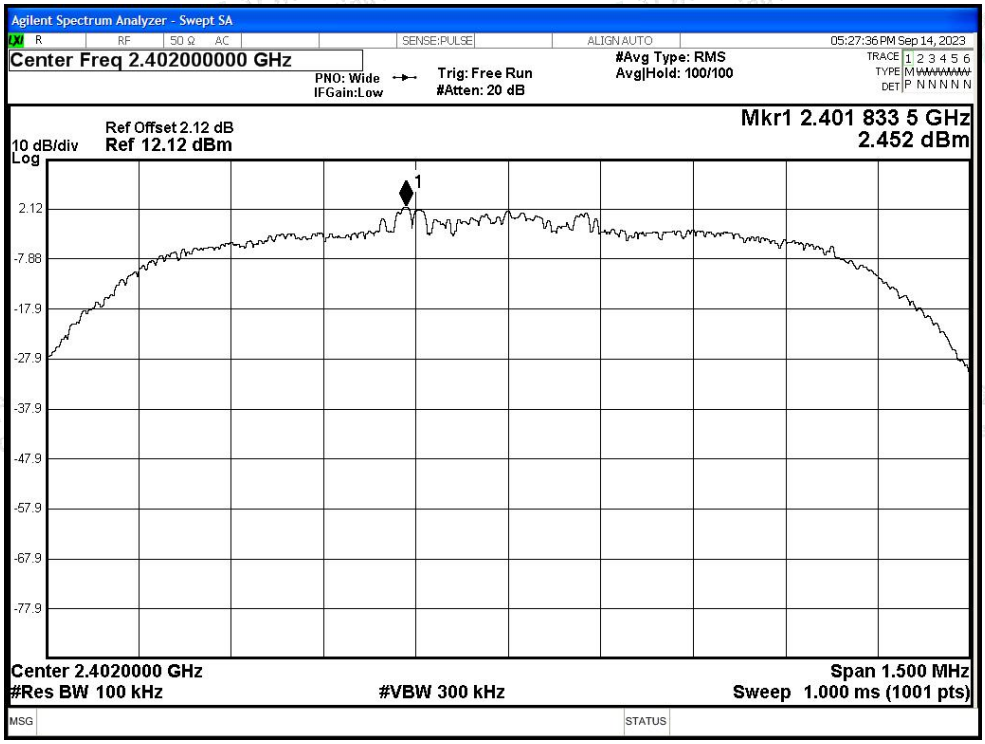
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



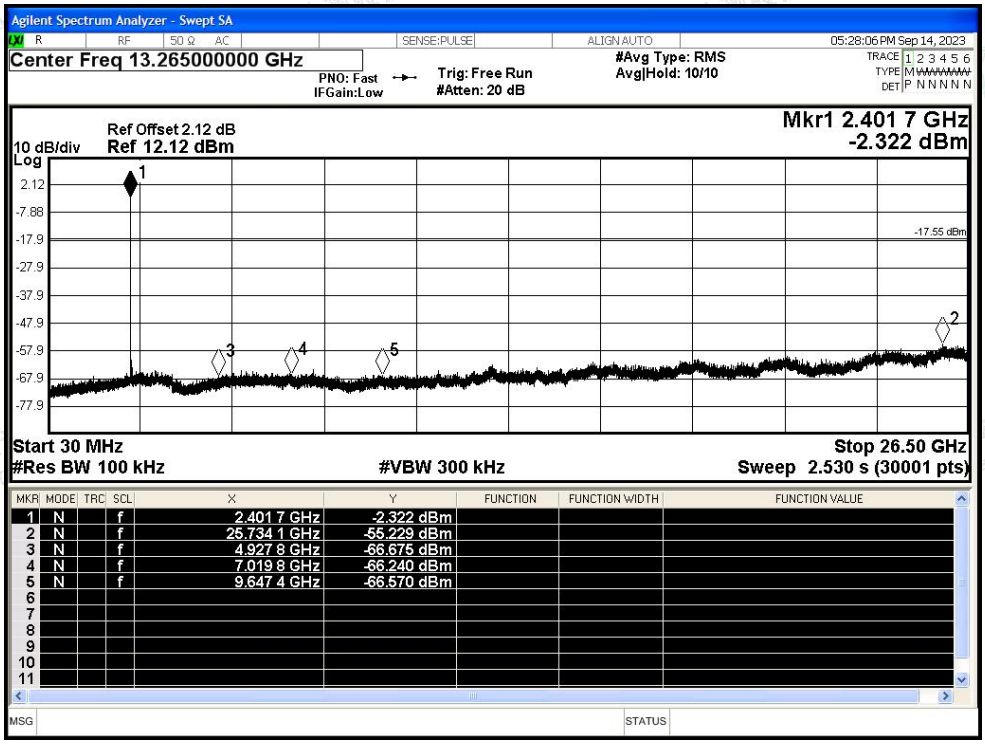

Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



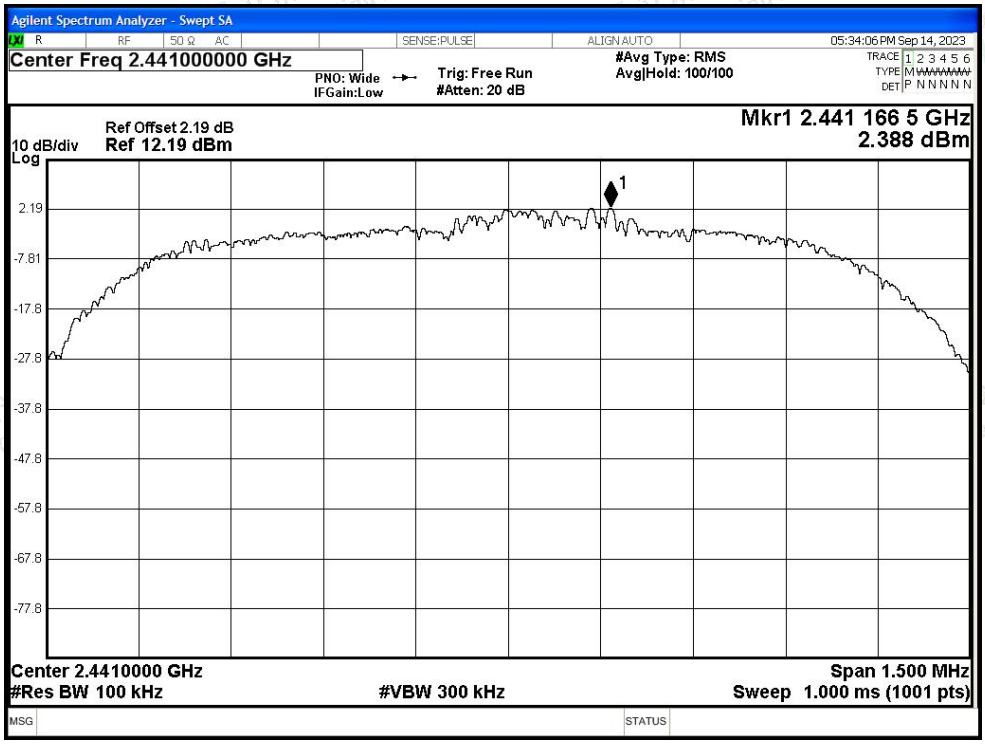
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



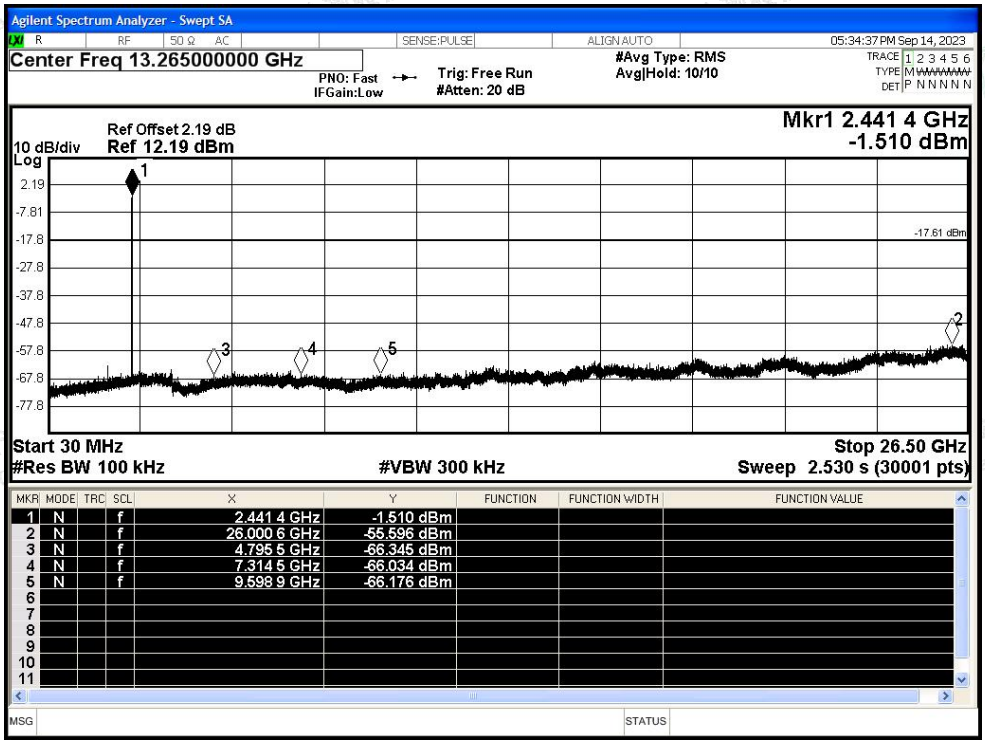

Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



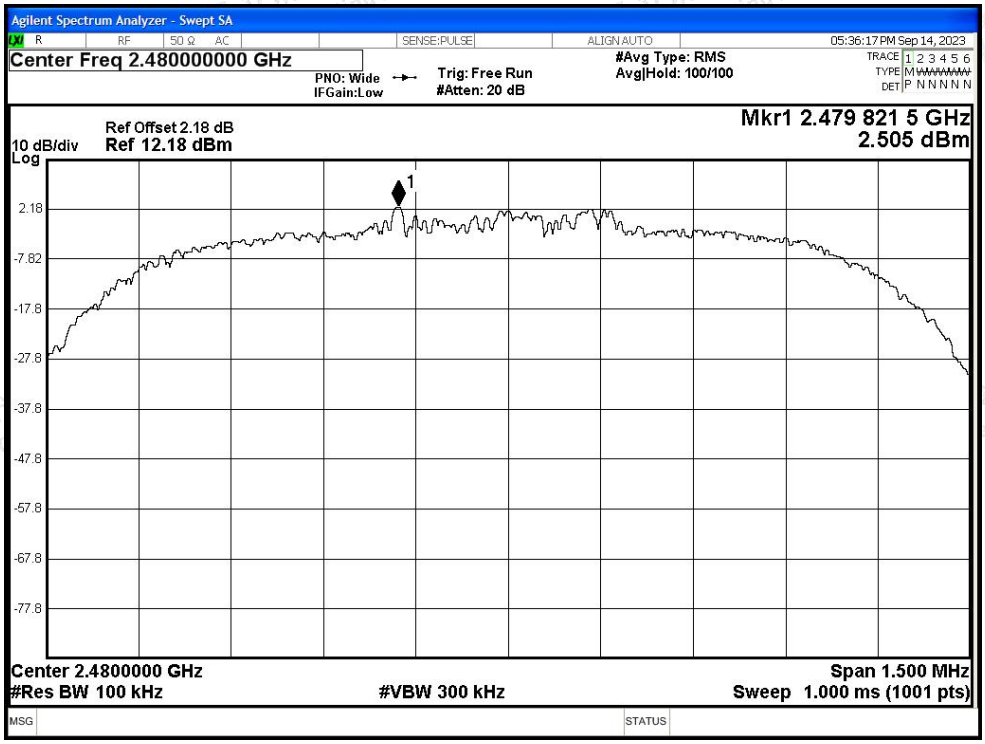
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



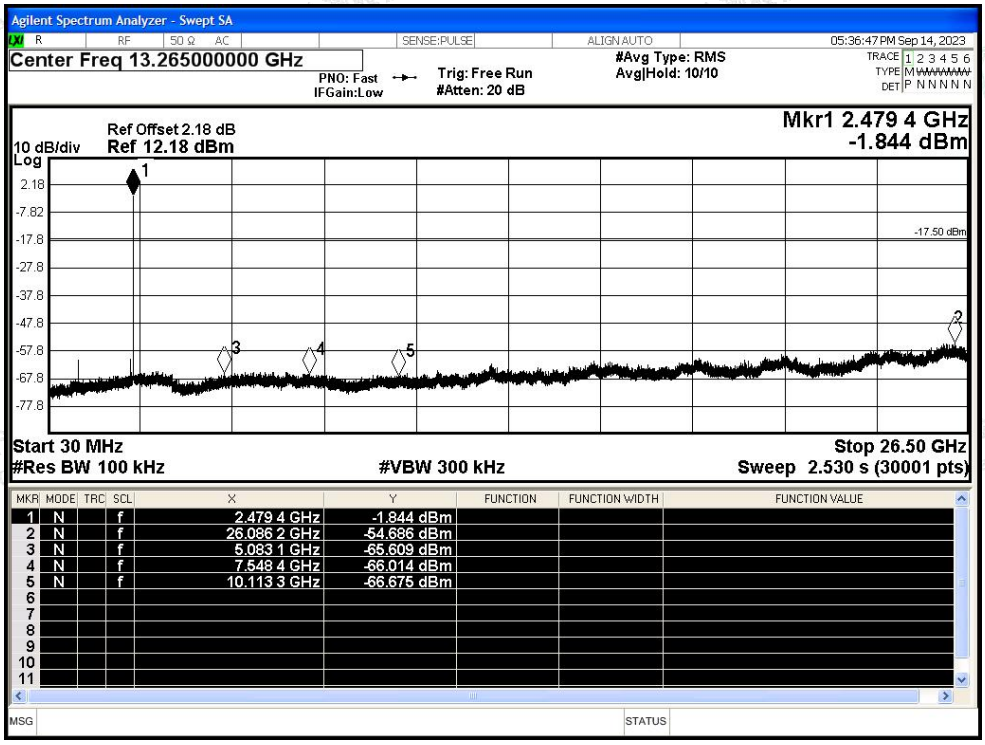

Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



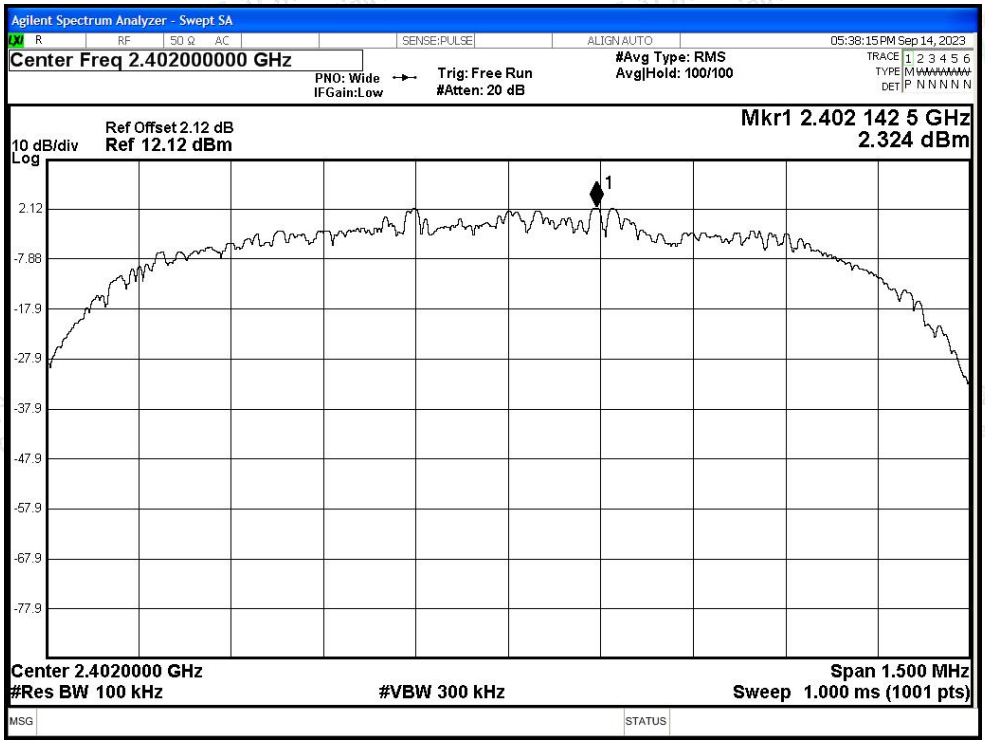
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



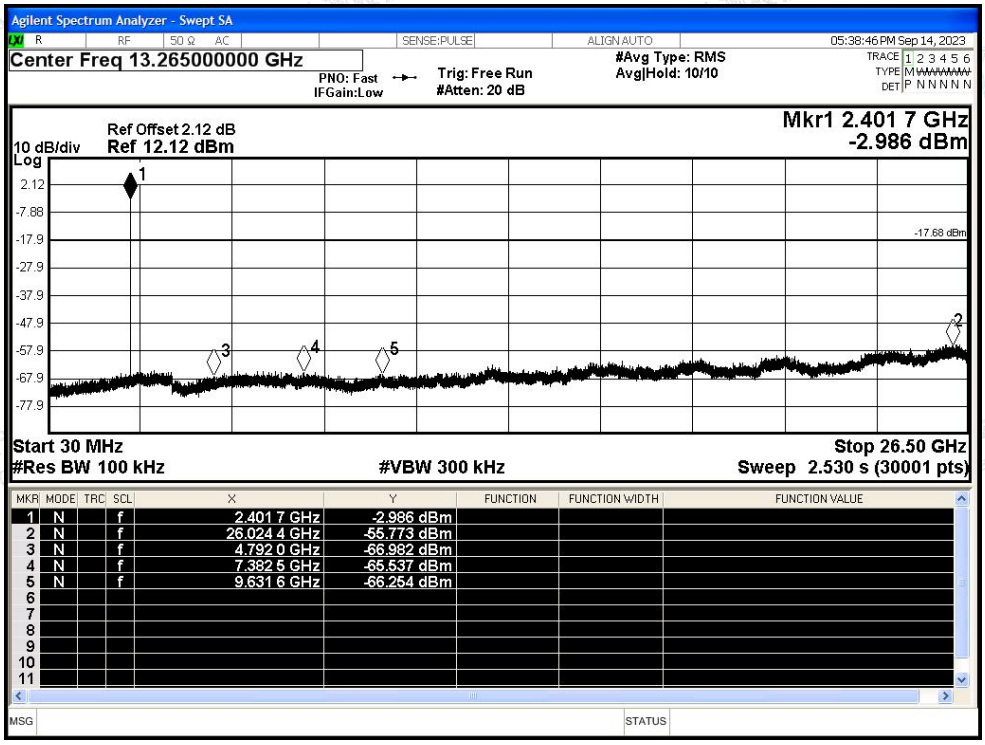

Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



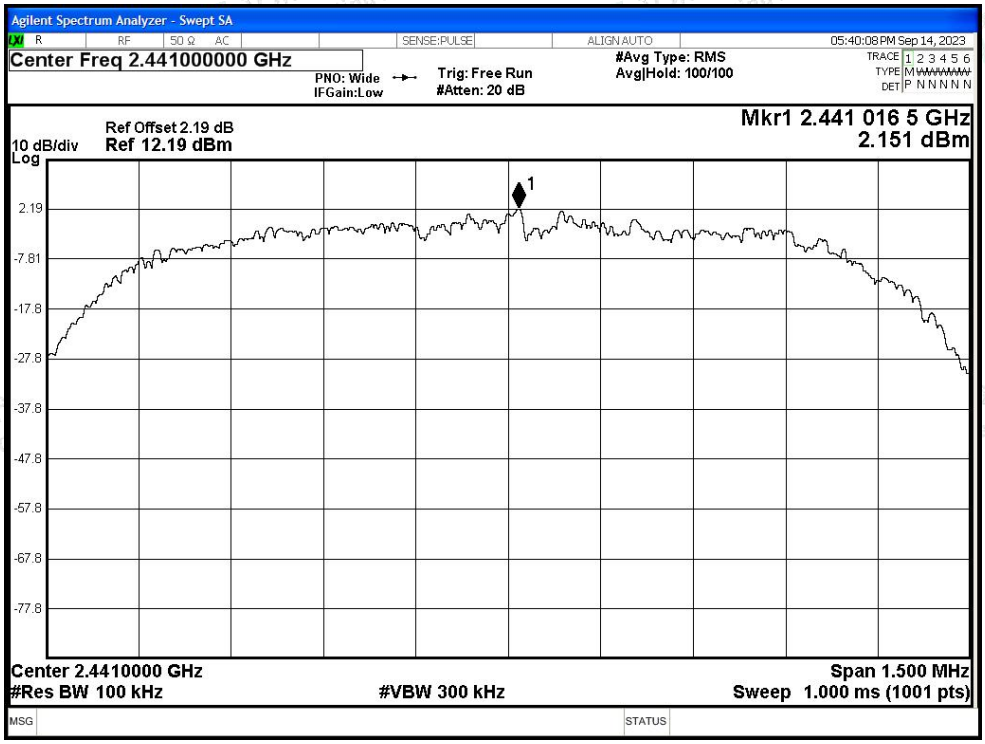
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



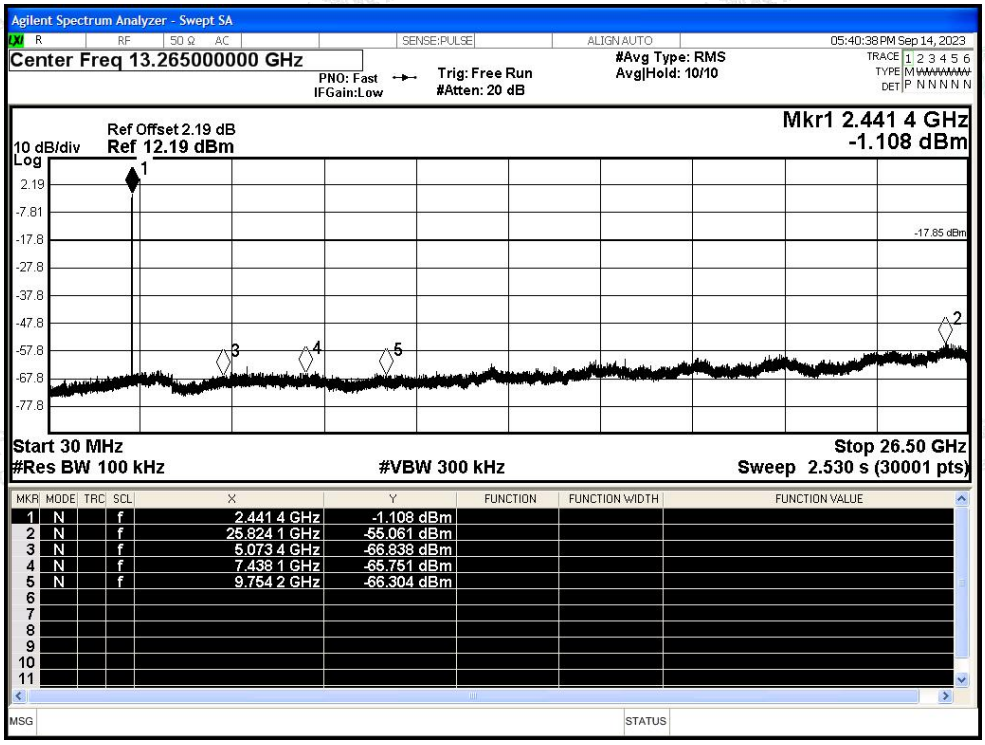

Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



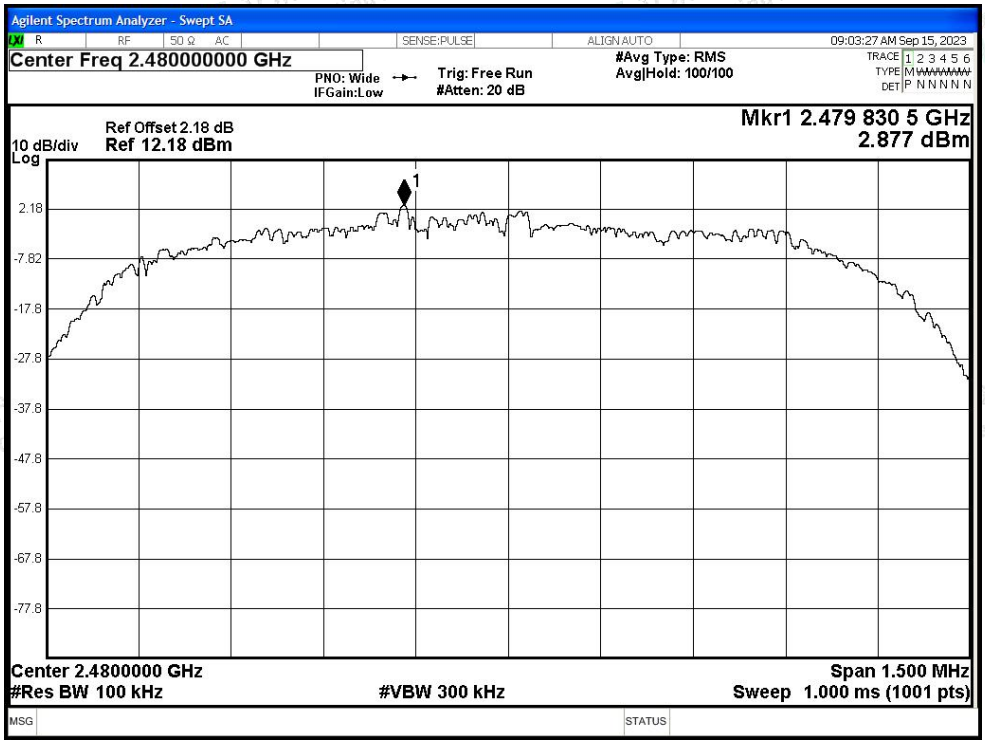
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



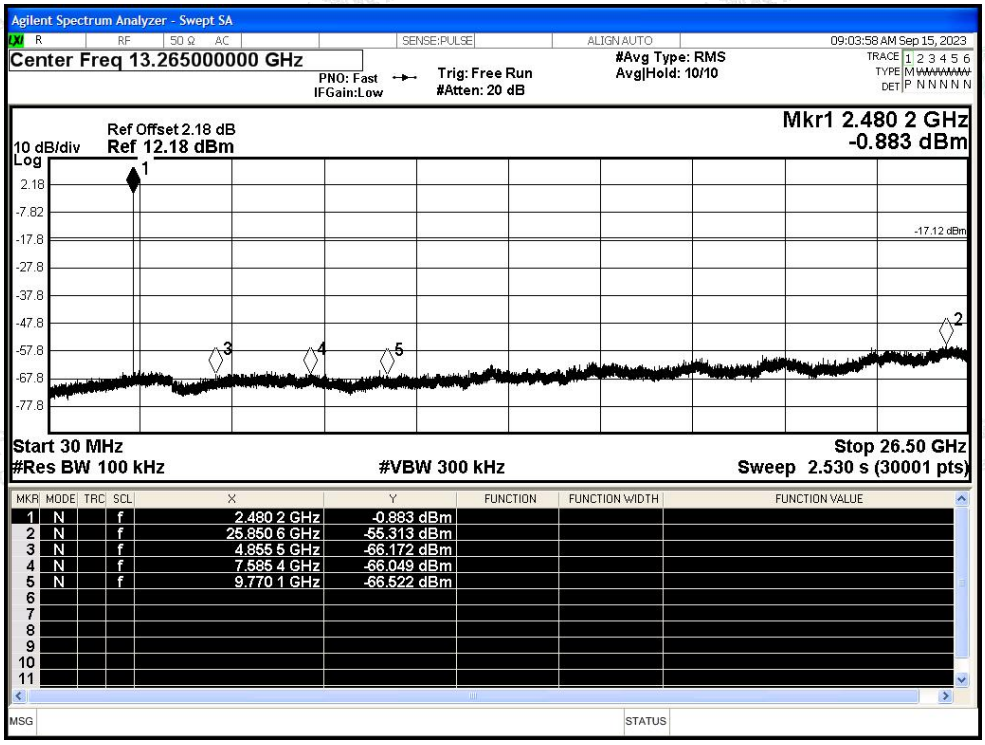

Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref




Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

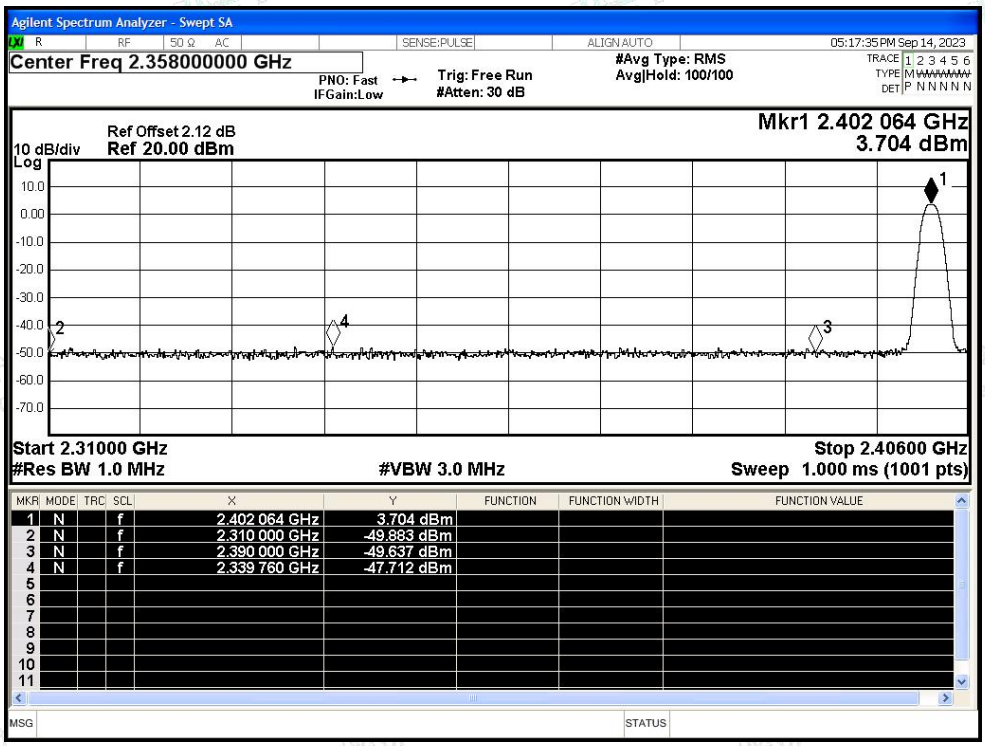


# A.8 Restrict Band

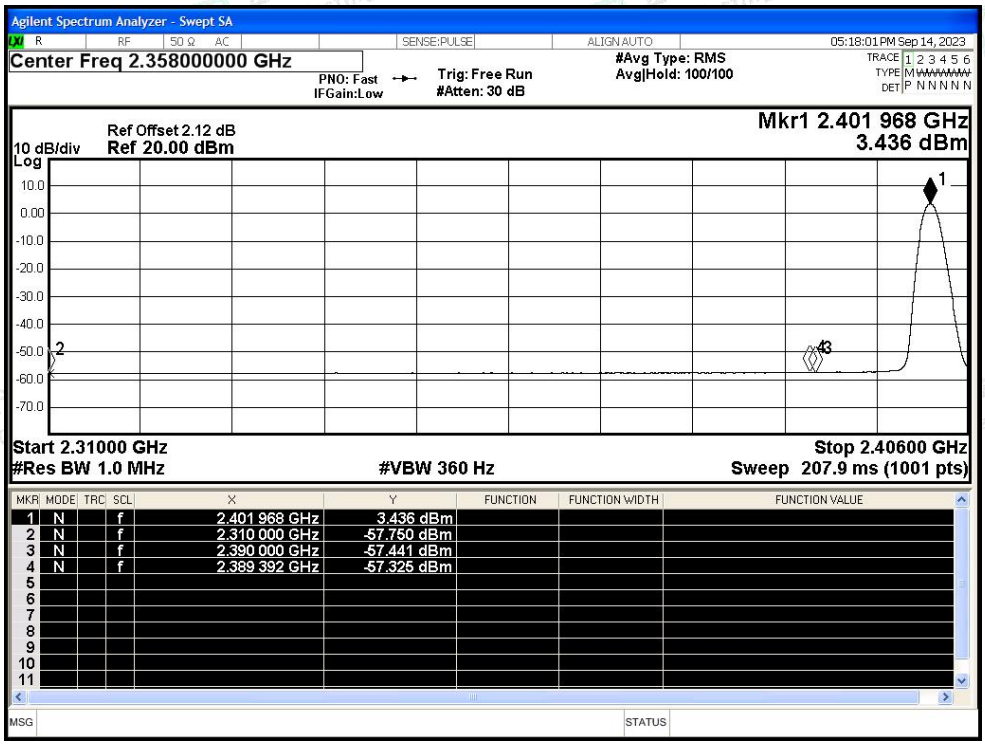
| Condition | Mode | Frequency (MHz) | Antenna | Hopping Mode | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | E (dBuV/m) | Detector | Limit (dBuV/m) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NVNT | 1-DH5 | 2402 | Ant1 | No-Hopping | 2310 | -49.88 | 2.8 | 48.18 | Peak | 74 | Pass |
| NVNT | 1-DH5 | 2402 | Ant1 | No-Hopping | 2310 | -57.75 | 2.8 | 40.31 | Average | 54 | Pass |
| NVNT | 1-DH5 | 2402 | Ant1 | No-Hopping | 2339.76 | -47.71 | 2.8 | 50.35 | Peak | 74 | Pass |
| NVNT | 1-DH5 | 2402 | Ant1 | No-Hopping | 2389.392 | -57.33 | 2.8 | 40.73 | Average | 54 | Pass |
| NVNT | 1-DH5 | 2402 | Ant1 | No-Hopping | 2390 | -49.64 | 2.8 | 48.42 | Peak | 74 | Pass |
| NVNT | 1-DH5 | 2402 | Ant1 | No-Hopping | 2390 | -57.44 | 2.8 | 40.62 | Average | 54 | Pass |
| NVNT | 1-DH5 | 2480 | Ant1 | No-Hopping | 2483.5 | -50.18 | 2.8 | 47.88 | Peak | 74 | Pass |
| NVNT | 1-DH5 | 2480 | Ant1 | No-Hopping | 2483.5 | -54.23 | 2.8 | 43.83 | Average | 54 | Pass |
| NVNT | 1-DH5 | 2480 | Ant1 | No-Hopping | 2491.264 | -46.74 | 2.8 | 51.32 | Peak | 74 | Pass |
| NVNT | 1-DH5 | 2480 | Ant1 | No-Hopping | 2483.512 | -54.23 | 2.8 | 43.83 | Average | 54 | Pass |
| NVNT | 1-DH5 | 2480 | Ant1 | No-Hopping | 2500 | -49.96 | 2.8 | 48.10 | Peak | 74 | Pass |
| NVNT | 1-DH5 | 2480 | Ant1 | No-Hopping | 2500 | -57.11 | 2.8 | 40.95 | Average | 54 | Pass |
| NVNT | 2-DH5 | 2402 | Ant1 | No-Hopping | 2310 | -49.01 | 2.8 | 49.05 | Peak | 74 | Pass |
| NVNT | 2-DH5 | 2402 | Ant1 | No-Hopping | 2310 | -57.83 | 2.8 | 40.23 | Average | 54 | Pass |
| NVNT | 2-DH5 | 2402 | Ant1 | No-Hopping | 2346.576 | -47.71 | 2.8 | 50.35 | Peak | 74 | Pass |
| NVNT | 2-DH5 | 2402 | Ant1 | No-Hopping | 2389.968 | -57.36 | 2.8 | 40.70 | Average | 54 | Pass |
| NVNT | 2-DH5 | 2402 | Ant1 | No-Hopping | 2390 | -50.61 | 2.8 | 47.45 | Peak | 74 | Pass |
| NVNT | 2-DH5 | 2402 | Ant1 | No-Hopping | 2390 | -57.36 | 2.8 | 40.70 | Average | 54 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | No-Hopping | 2483.5 | -49 | 2.8 | 49.06 | Peak | 74 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | No-Hopping | 2483.5 | -54.1 | 2.8 | 43.96 | Average | 54 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | No-Hopping | 2485.144 | -46.82 | 2.8 | 51.24 | Peak | 74 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | No-Hopping | 2483.512 | -54.1 | 2.8 | 43.96 | Average | 54 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | No-Hopping | 2500 | -49.74 | 2.8 | 48.32 | Peak | 74 | Pass |
| NVNT | 2-DH5 | 2480 | Ant1 | No-Hopping | 2500 | -57.12 | 2.8 | 40.94 | Average | 54 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | No-Hopping | 2310 | -49.12 | 2.8 | 48.94 | Peak | 74 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | No-Hopping | 2310 | -57.65 | 2.8 | 40.41 | Average | 54 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | No-Hopping | 2338.128 | -46.86 | 2.8 | 51.20 | Peak | 74 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | No-Hopping | 2389.584 | -57.31 | 2.8 | 40.75 | Average | 54 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | No-Hopping | 2390 | -51.37 | 2.8 | 46.69 | Peak | 74 | Pass |
| NVNT | 3-DH5 | 2402 | Ant1 | No-Hopping | 2390 | -57.42 | 2.8 | 40.64 | Average | 54 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | No-Hopping | 2483.5 | -48.24 | 2.8 | 49.82 | Peak | 74 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | No-Hopping | 2483.5 | -53.91 | 2.8 | 44.15 | Average | 54 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | No-Hopping | 2483.944 | -46.22 | 2.8 | 51.84 | Peak | 74 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | No-Hopping | 2483.512 | -53.91 | 2.8 | 44.15 | Average | 54 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | No-Hopping | 2500 | -50.29 | 2.8 | 47.77 | Peak | 74 | Pass |
| NVNT | 3-DH5 | 2480 | Ant1 | No-Hopping | 2500 | -57.11 | 2.8 | 40.95 | Average | 54 | Pass |

Test Graphs

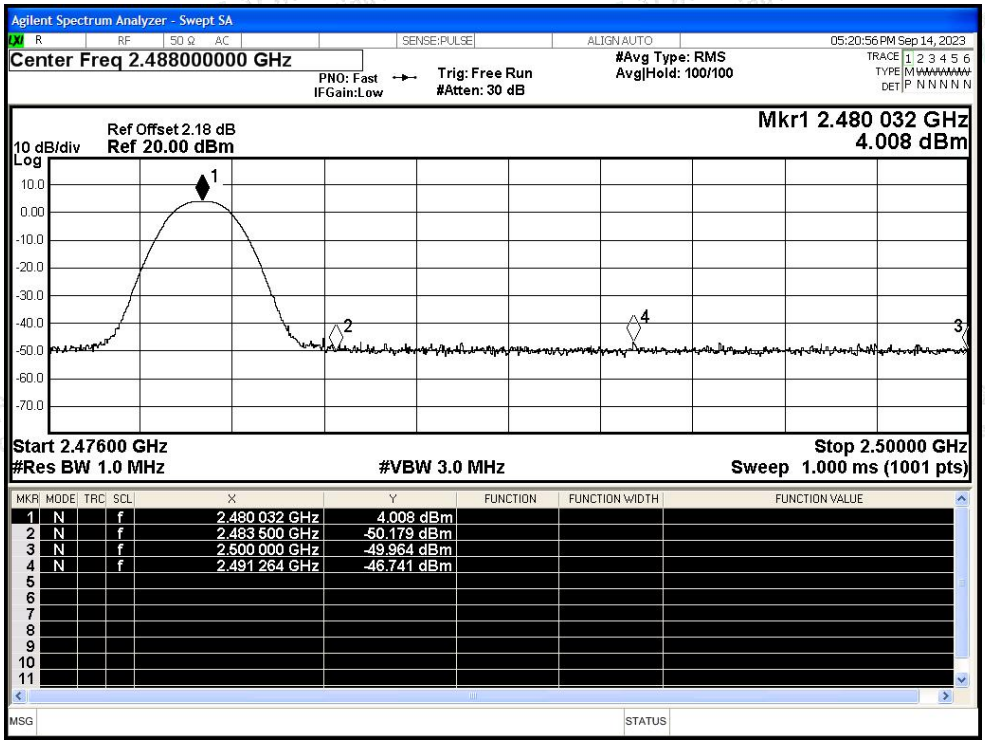
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



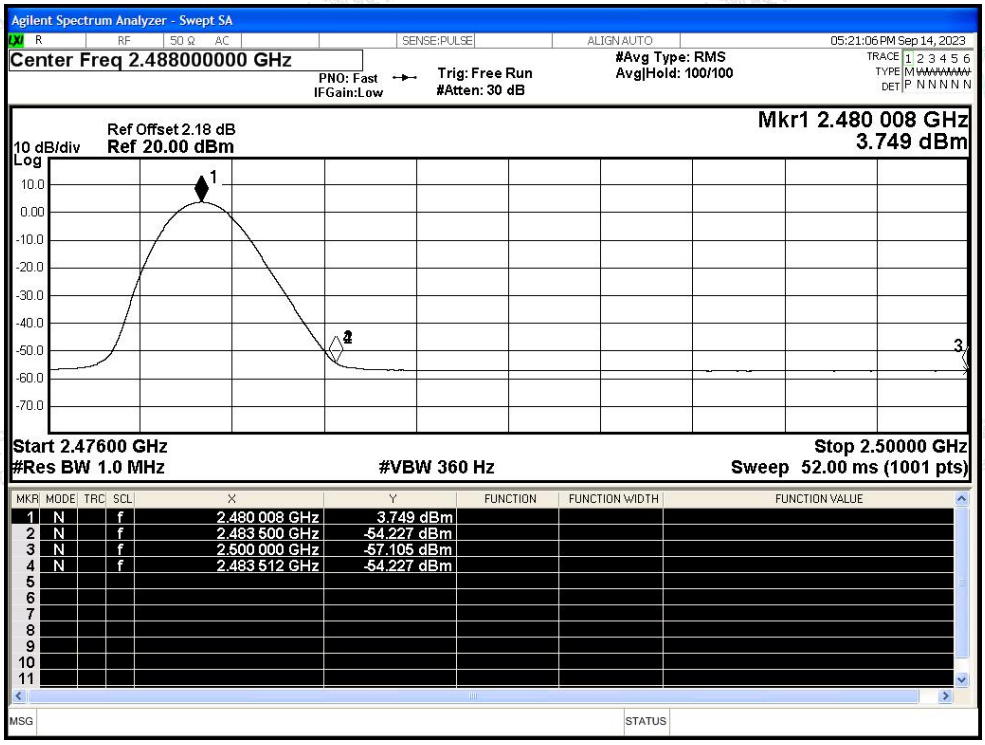

Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



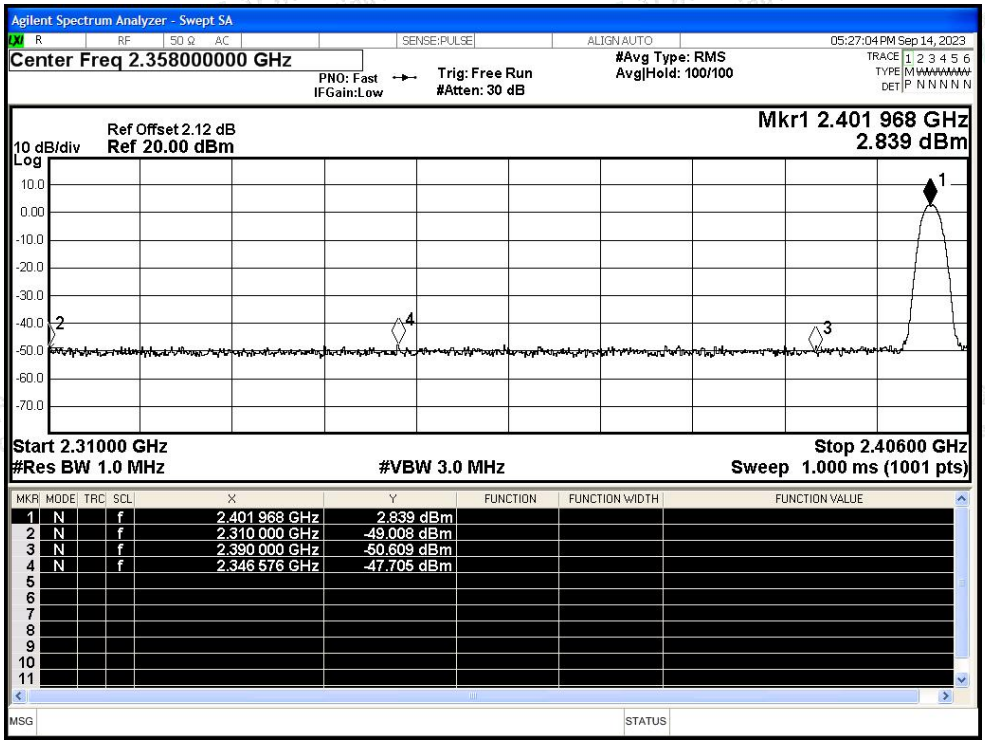
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



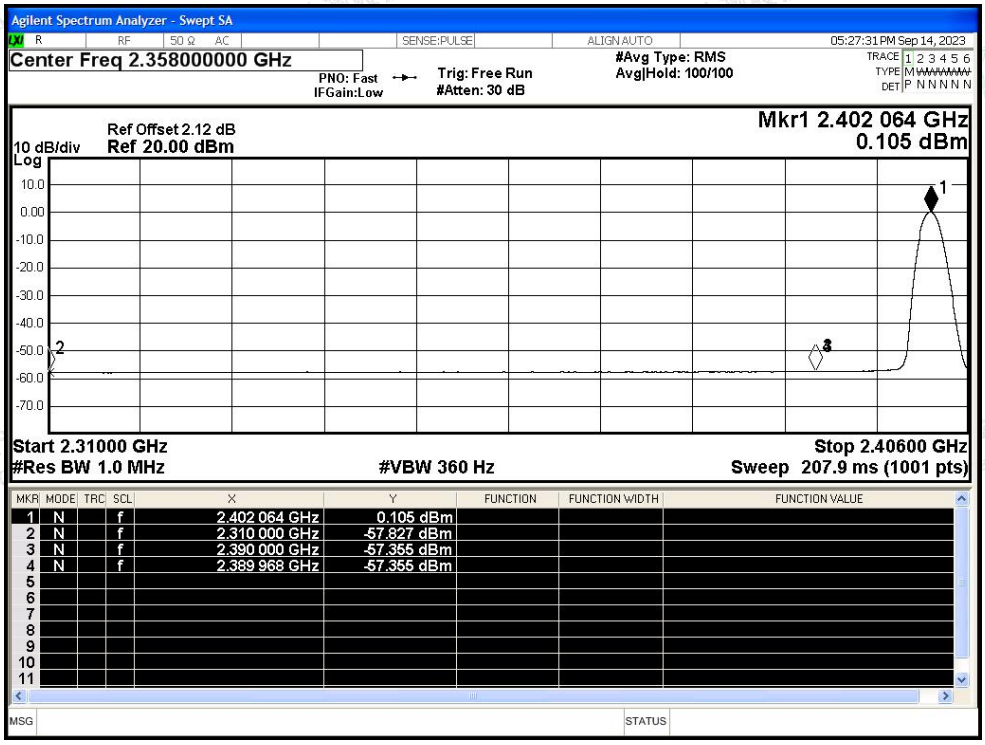

Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



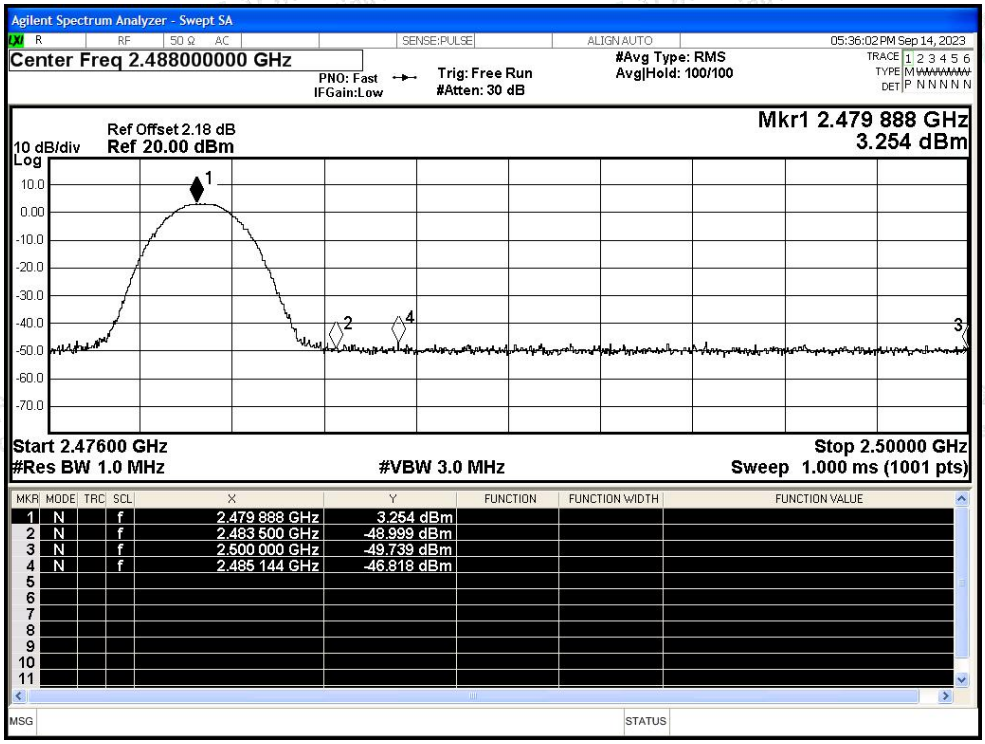
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



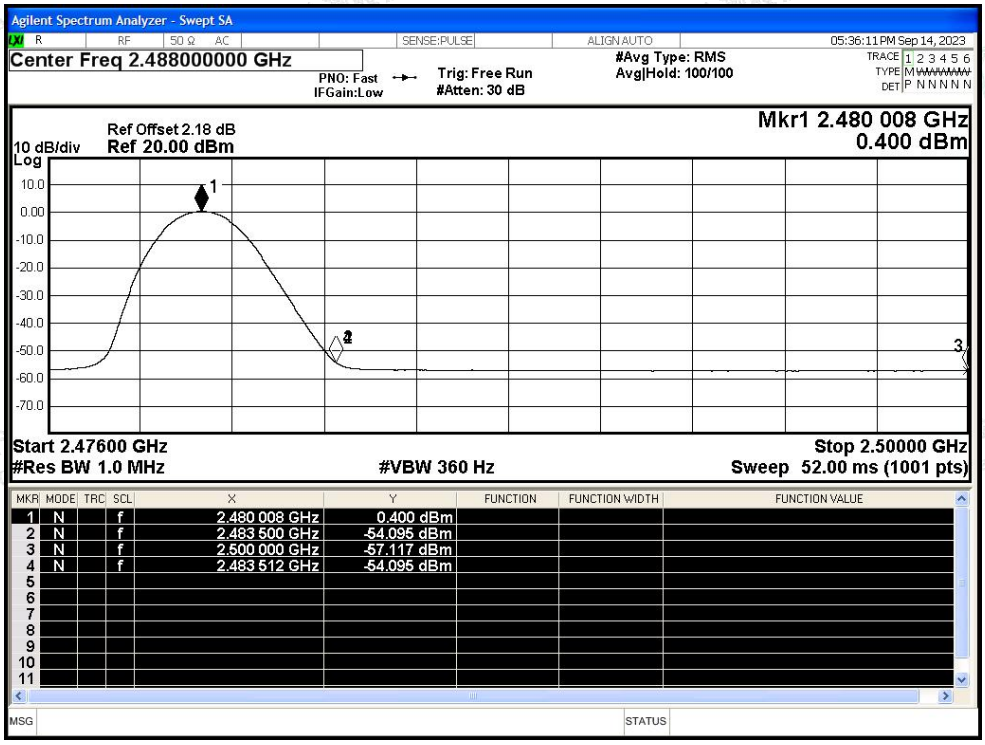

Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



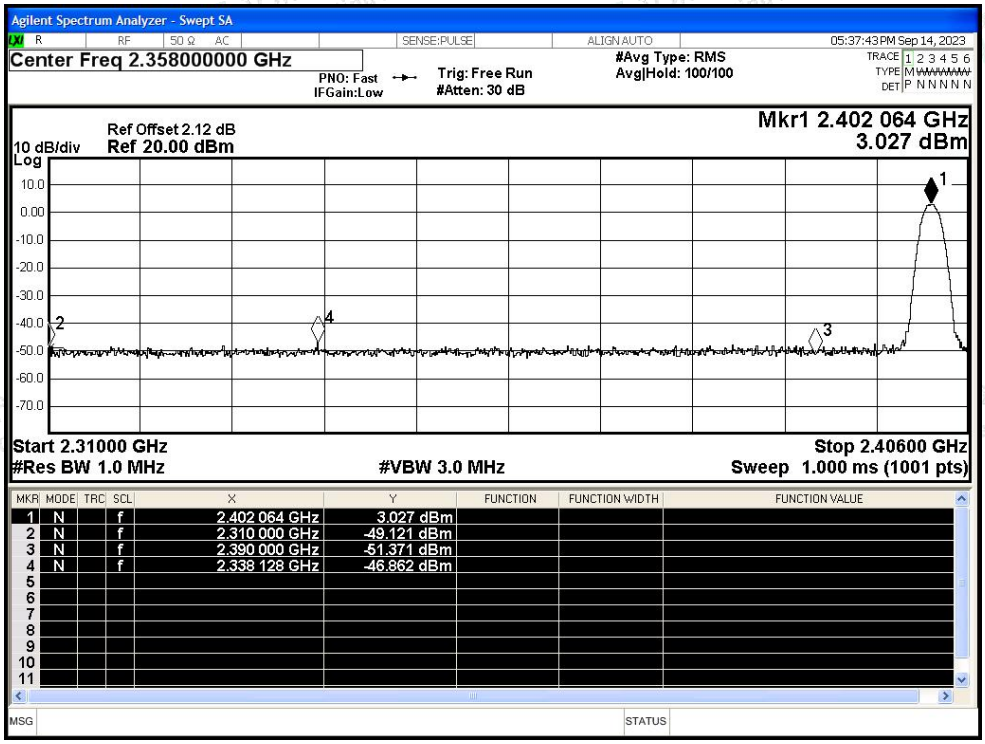
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



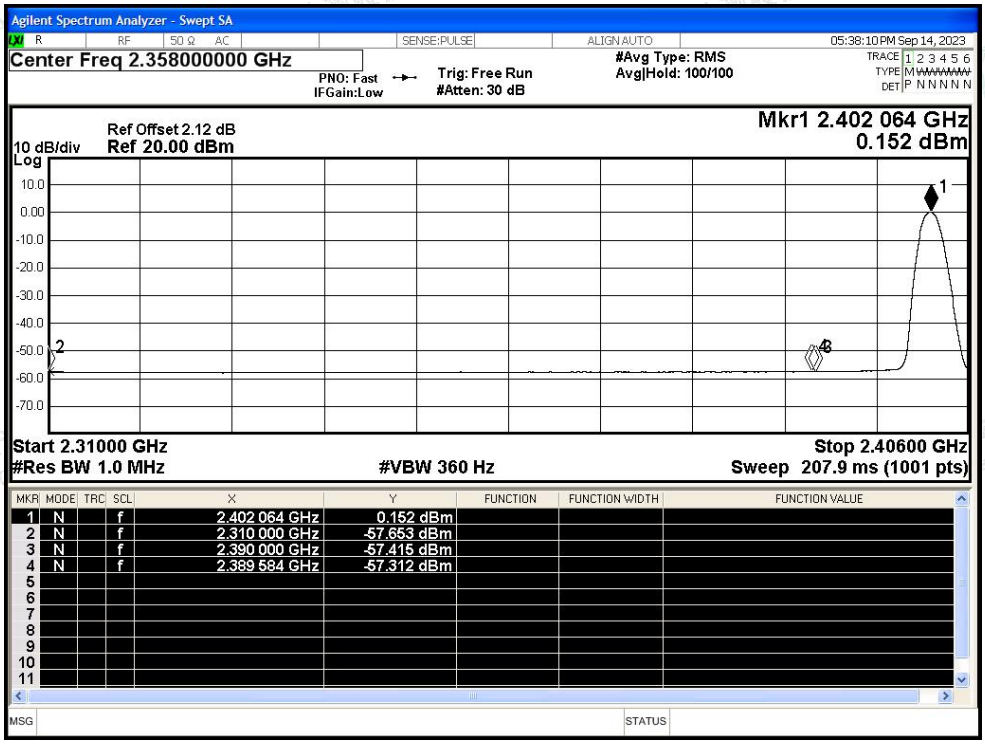

Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



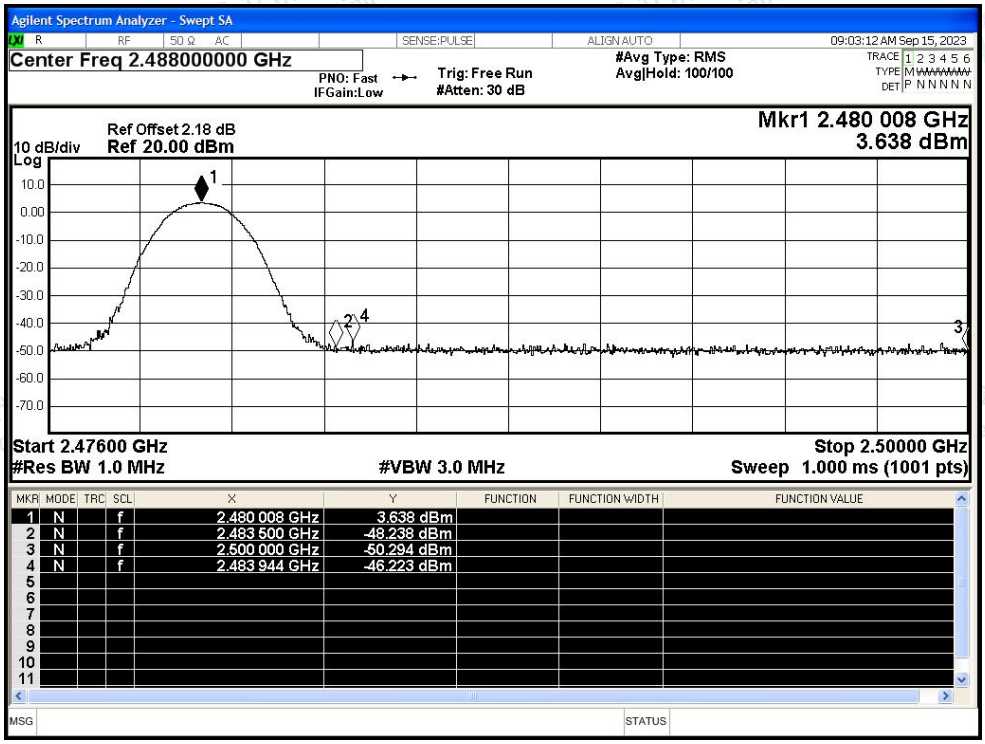
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak

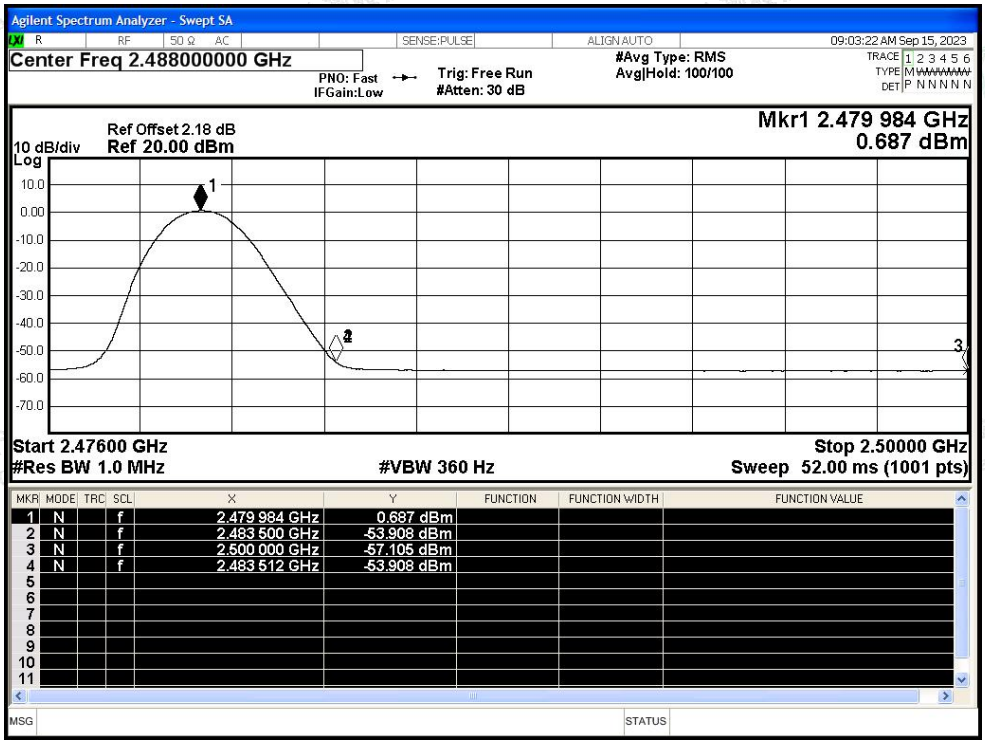



Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak




Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average