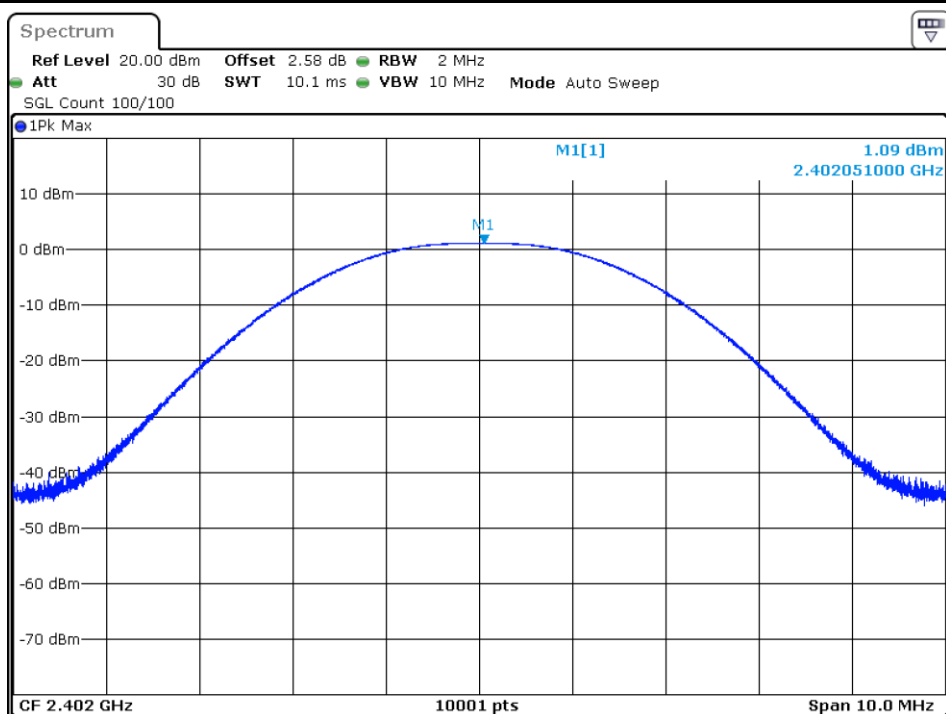
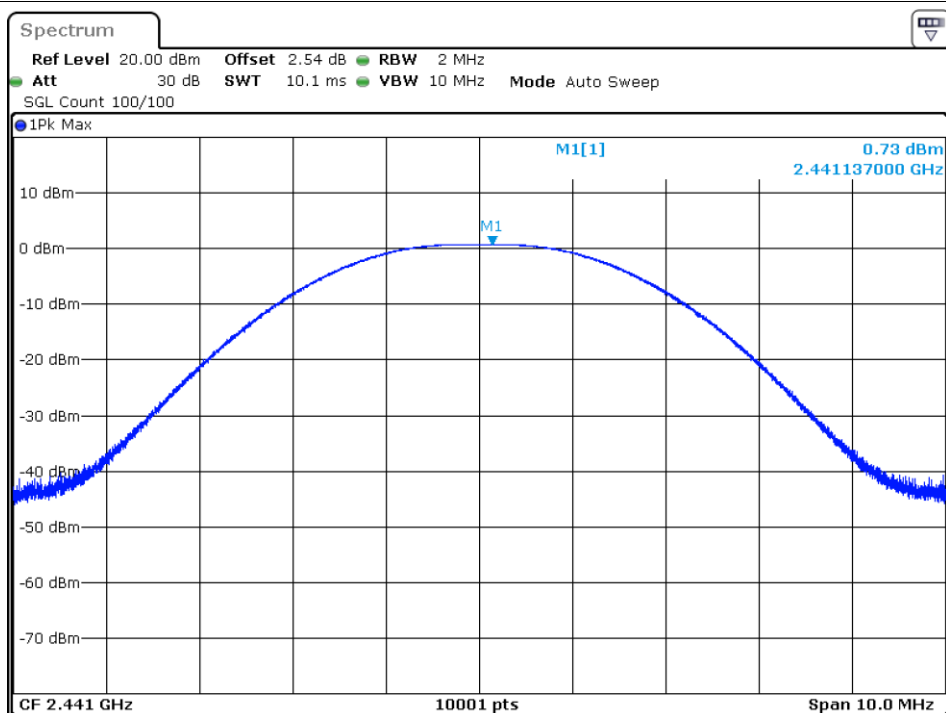


## Maximum Peak Conducted Output Power

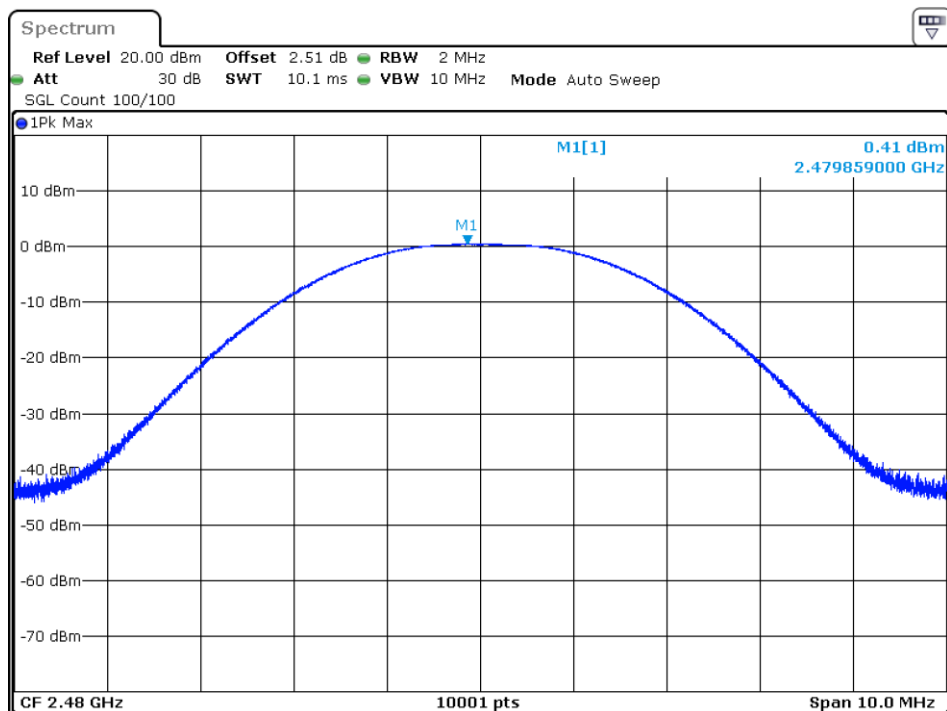
| Condition | Mode  | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Total Conducted Power (W) | Limit Conducted(dBm) | Verdict |
|-----------|-------|-----------------|---------|-----------------------|------------------|-----------------------------|---------------------------|----------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 1.09                  | 0                | 1.09                        | 0.00129                   | 21                   | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 0.73                  | 0                | 0.73                        | 0.00118                   | 21                   | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 0.41                  | 0                | 0.41                        | 0.0011                    | 21                   | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.87                  | 0                | 1.87                        | 0.00154                   | 21                   | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.55                  | 0                | 1.55                        | 0.00143                   | 21                   | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.22                  | 0                | 1.22                        | 0.00132                   | 21                   | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 2.24                  | 0                | 2.24                        | 0.00167                   | 21                   | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.93                  | 0                | 1.93                        | 0.00156                   | 21                   | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.61                  | 0                | 1.61                        | 0.00145                   | 21                   | Pass    |



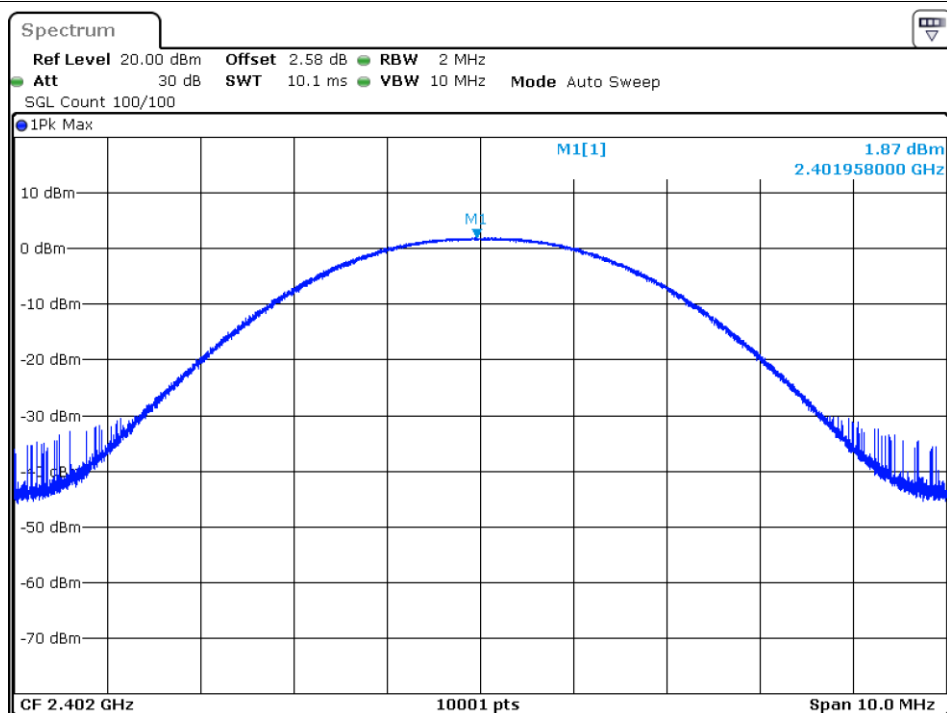
Peak Power NVNT 1-DH5 2402MHz Ant1



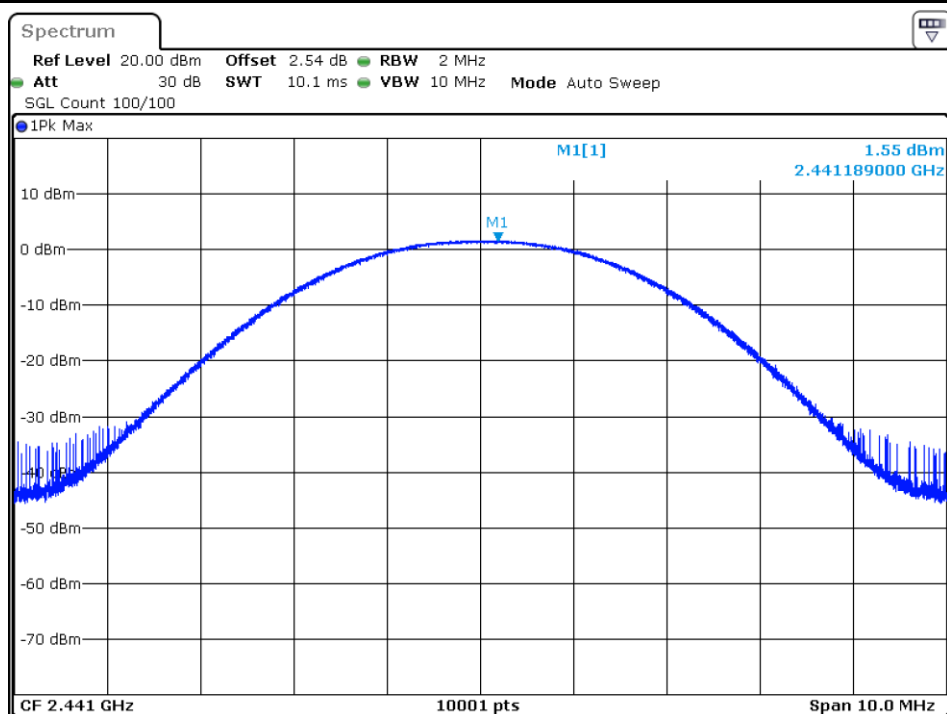
Peak Power NVNT 1-DH5 2441MHz Ant1



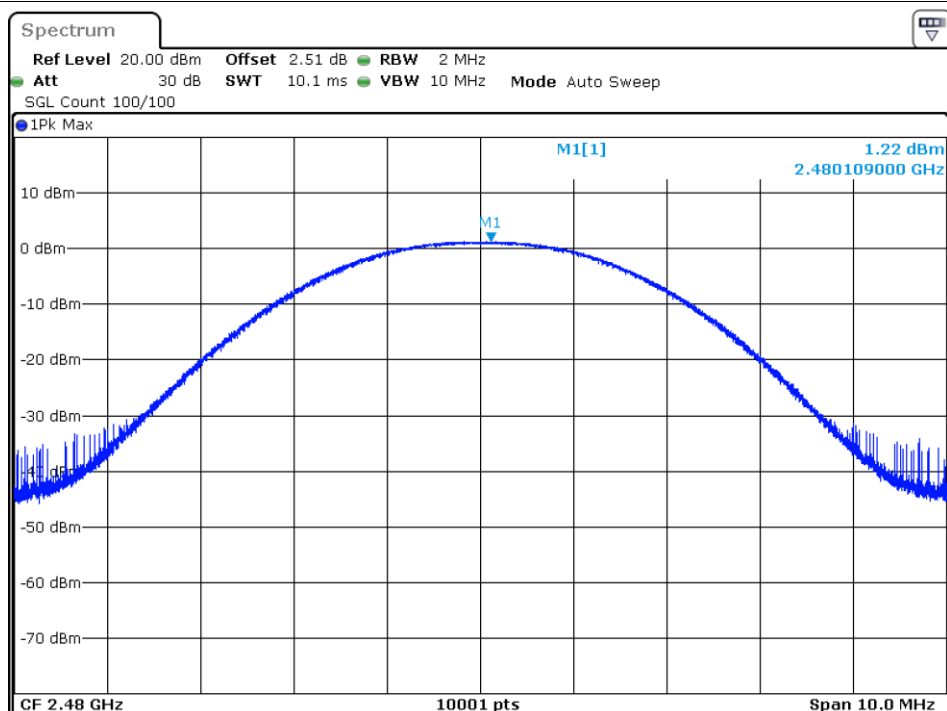
Peak Power NVNT 1-DH5 2480MHz Ant1



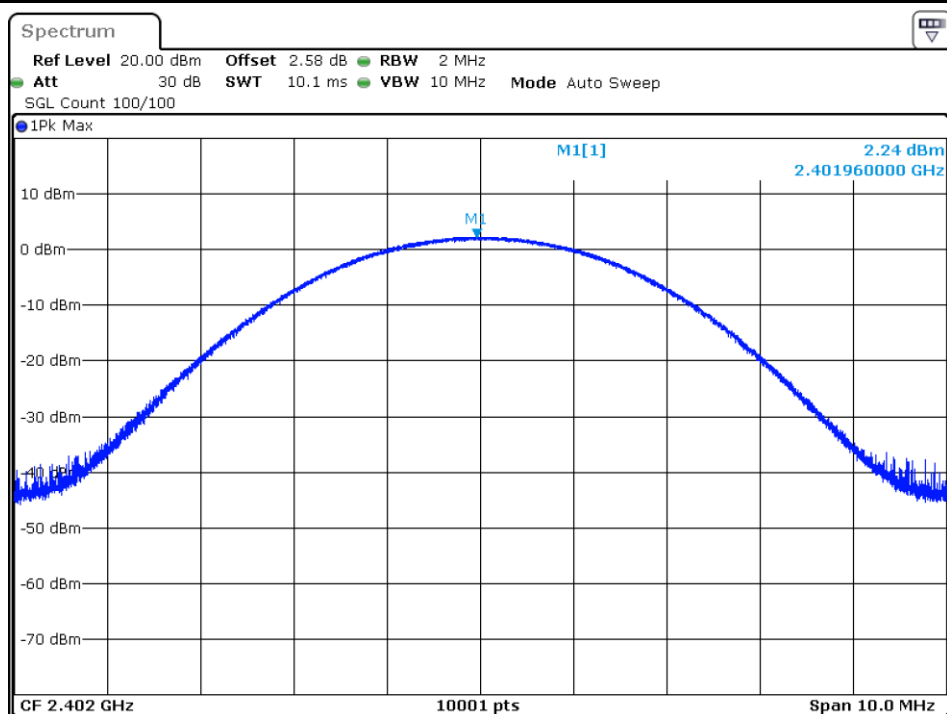
Peak Power NVNT 2-DH5 2402MHz Ant1



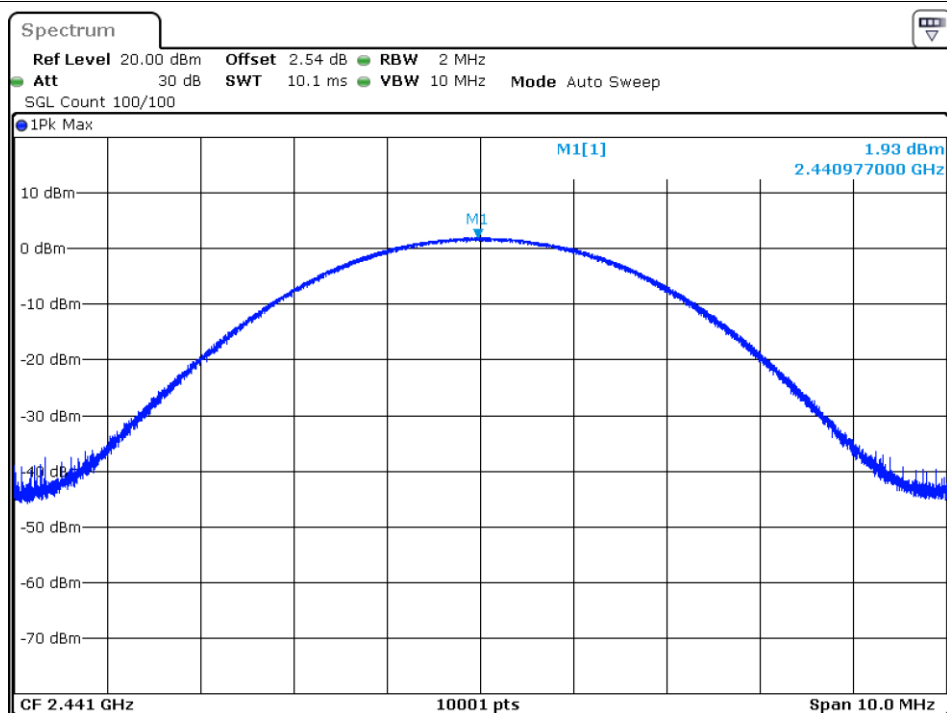
Peak Power NVNT 2-DH5 2441MHz Ant1



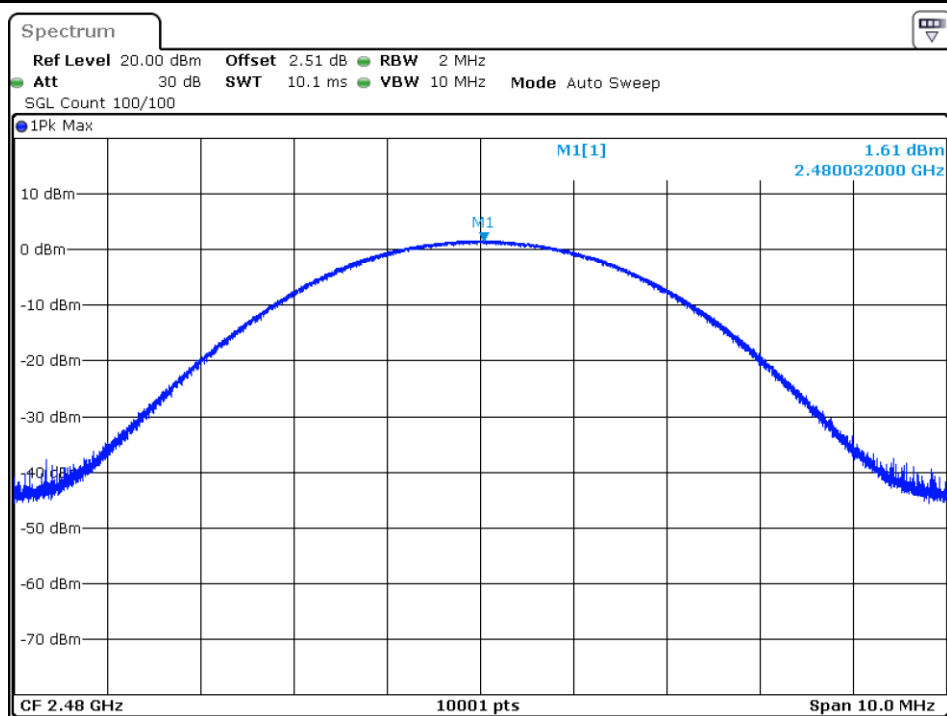
Peak Power NVNT 2-DH5 2480MHz Ant1



Peak Power NVNT 3-DH5 2402MHz Ant1



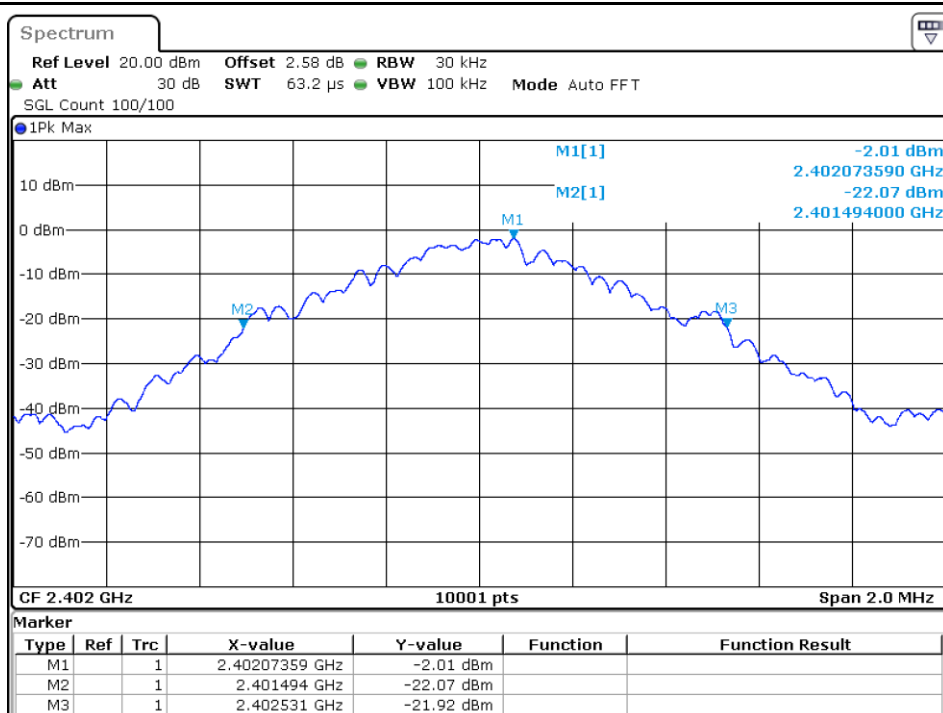
Peak Power NVNT 3-DH5 2441MHz Ant1



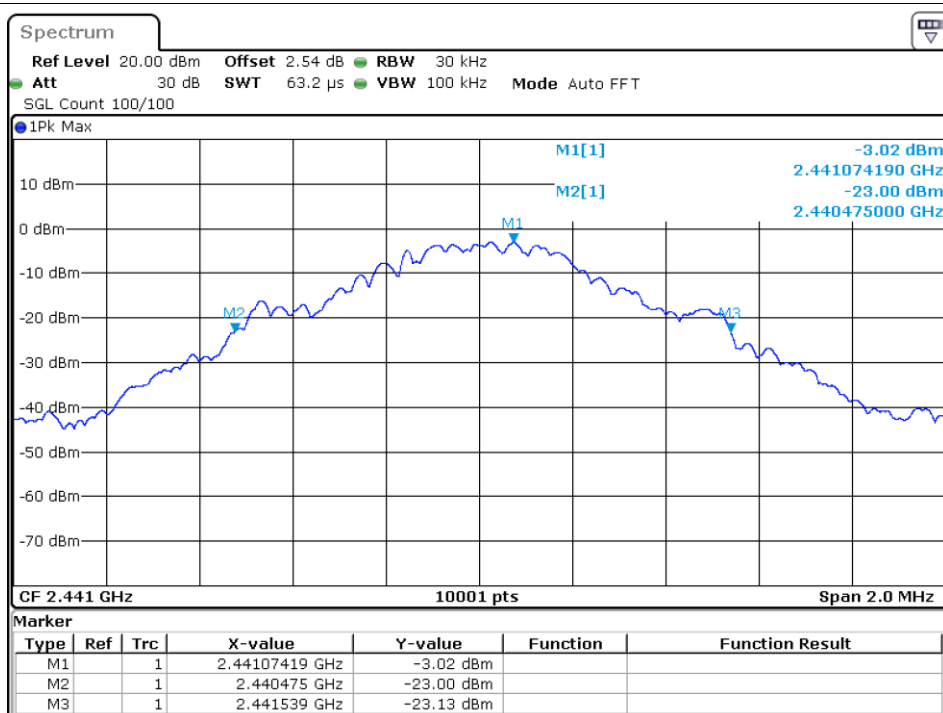
Peak Power NVNT 3-DH5 2480MHz Ant1

## -20dB Bandwidth

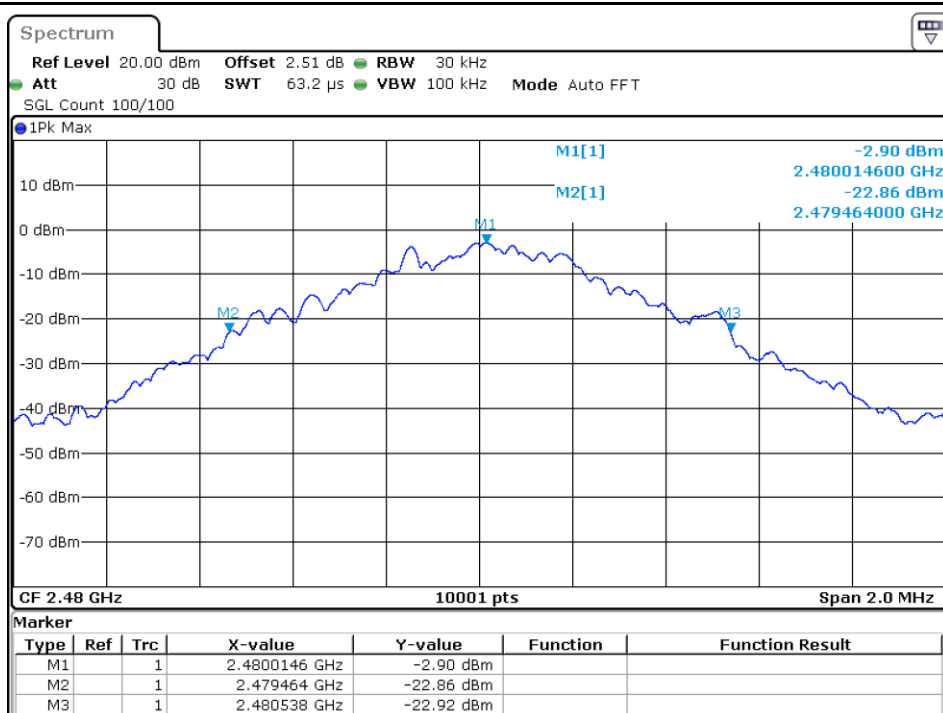
| Condition | Mode  | Frequency (MHz) | Antenna | -20 dB Bandwidth (MHz) | Limit -20 dB Bandwidth (MHz) | Verdict |
|-----------|-------|-----------------|---------|------------------------|------------------------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | 1.037                  | 0                            | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | 1.064                  | 0                            | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | 1.074                  | 0                            | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | 1.336                  | 0                            | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | 1.345                  | 0                            | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | 1.351                  | 0                            | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | 1.305                  | 0                            | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | 1.289                  | 0                            | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | 1.359                  | 0                            | Pass    |



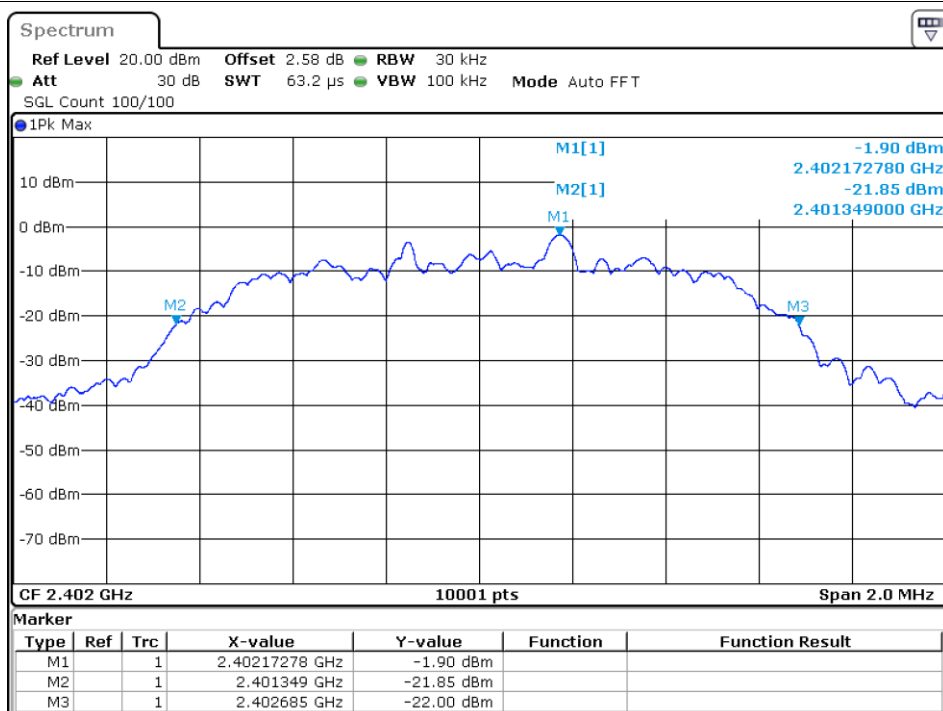
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



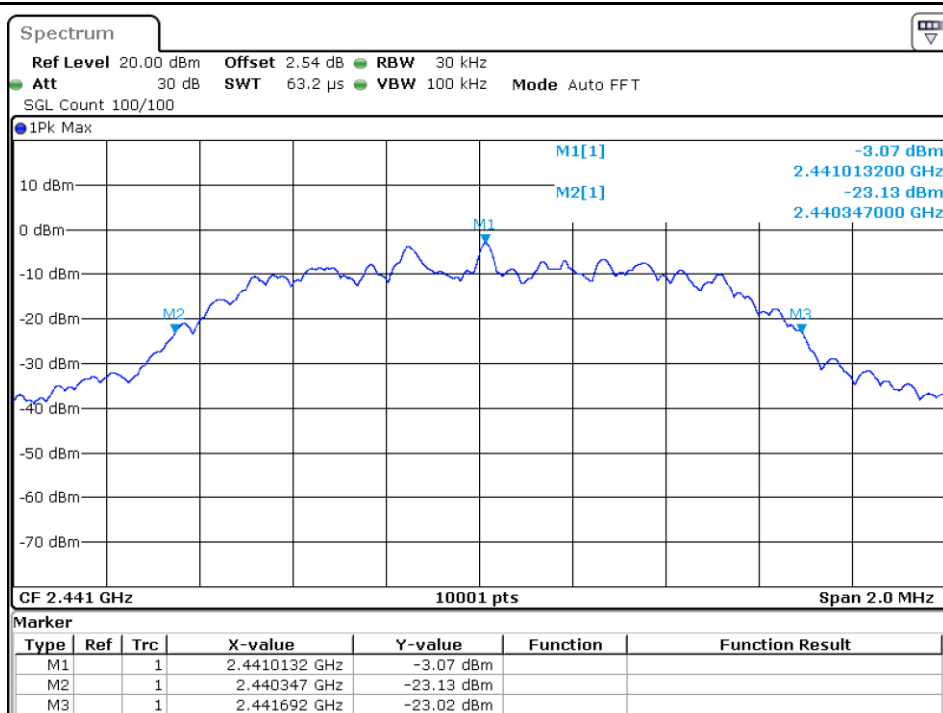
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



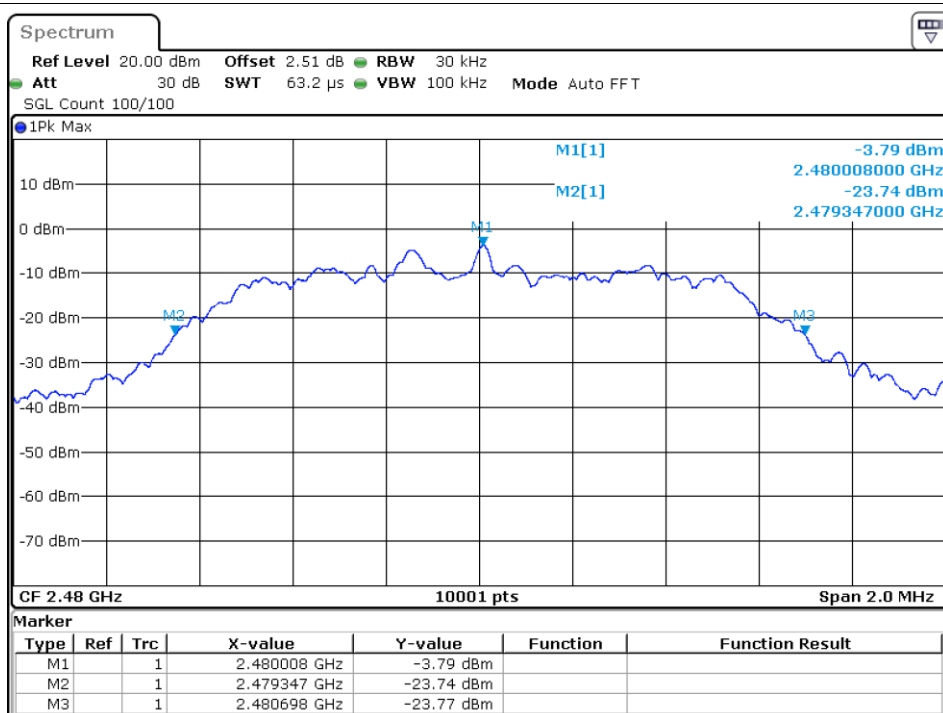
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



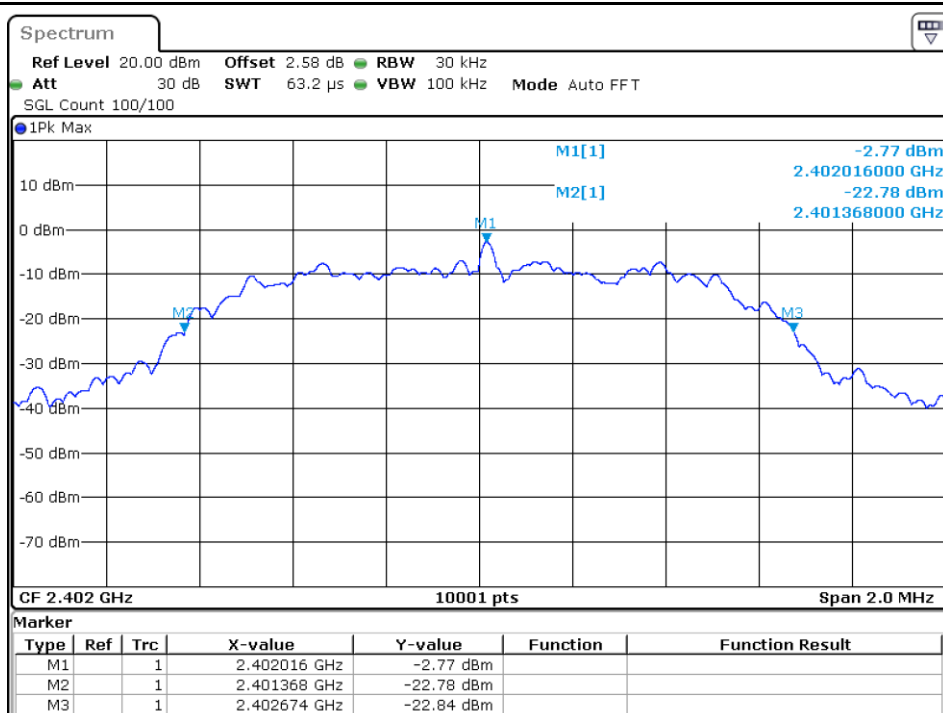
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



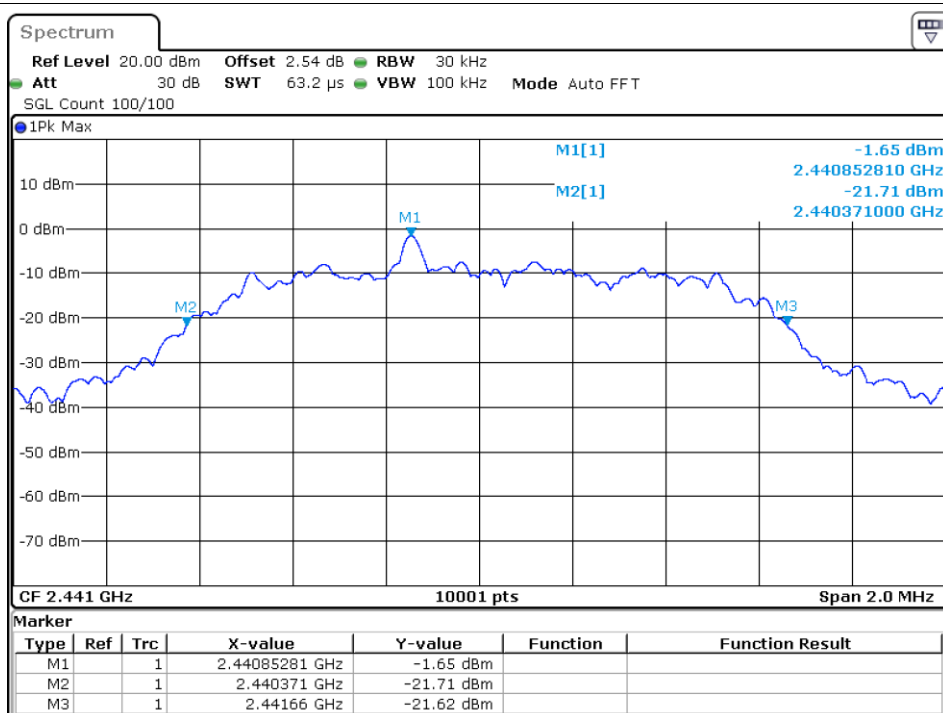
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



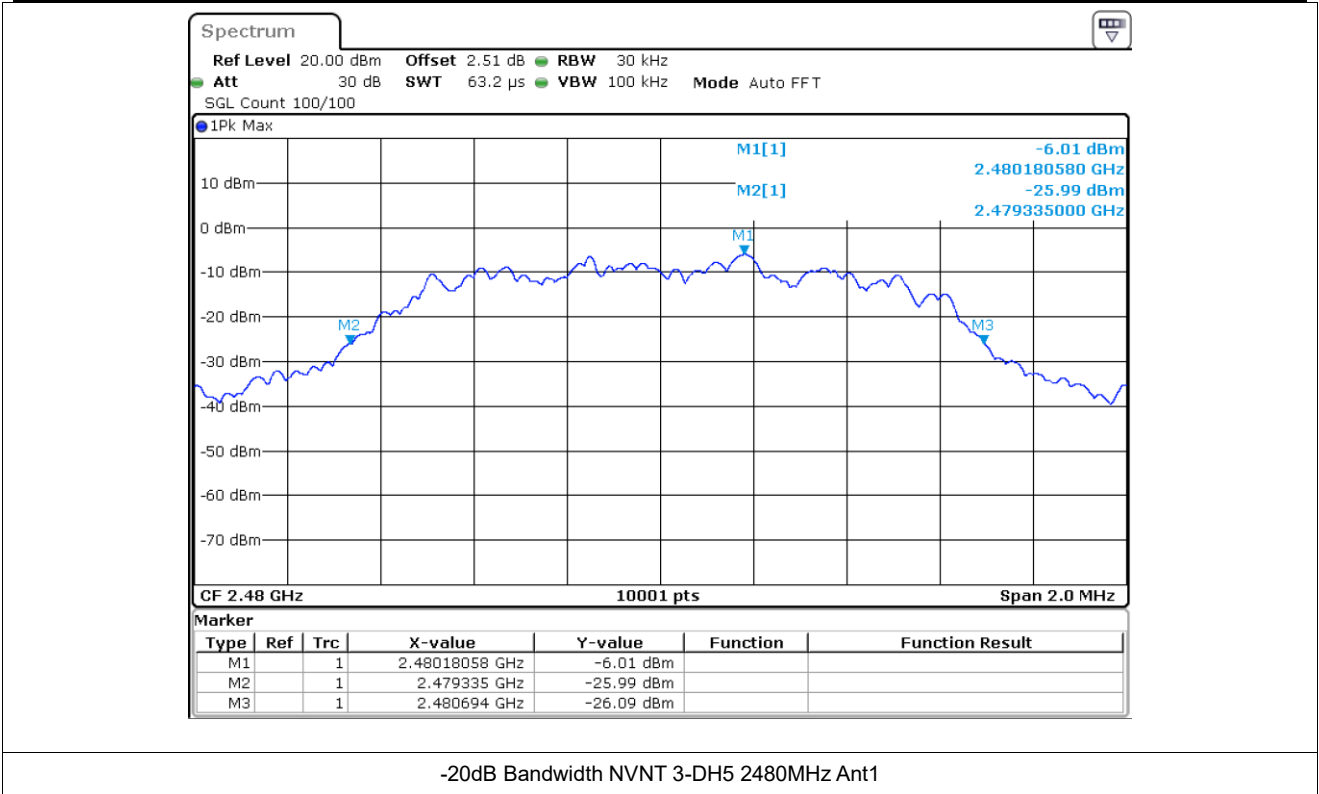
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1

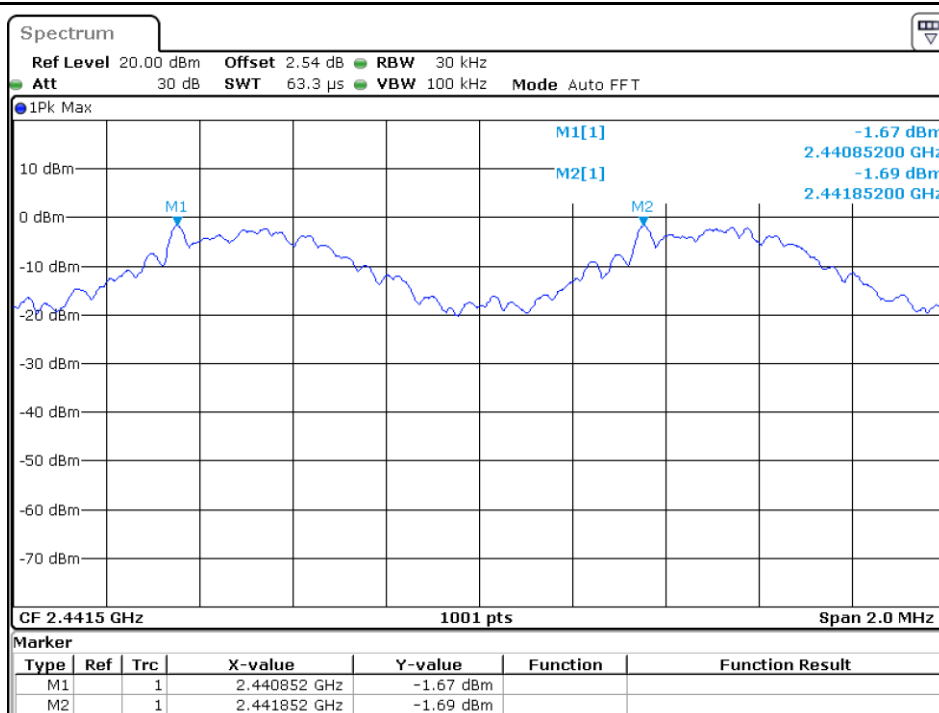


-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

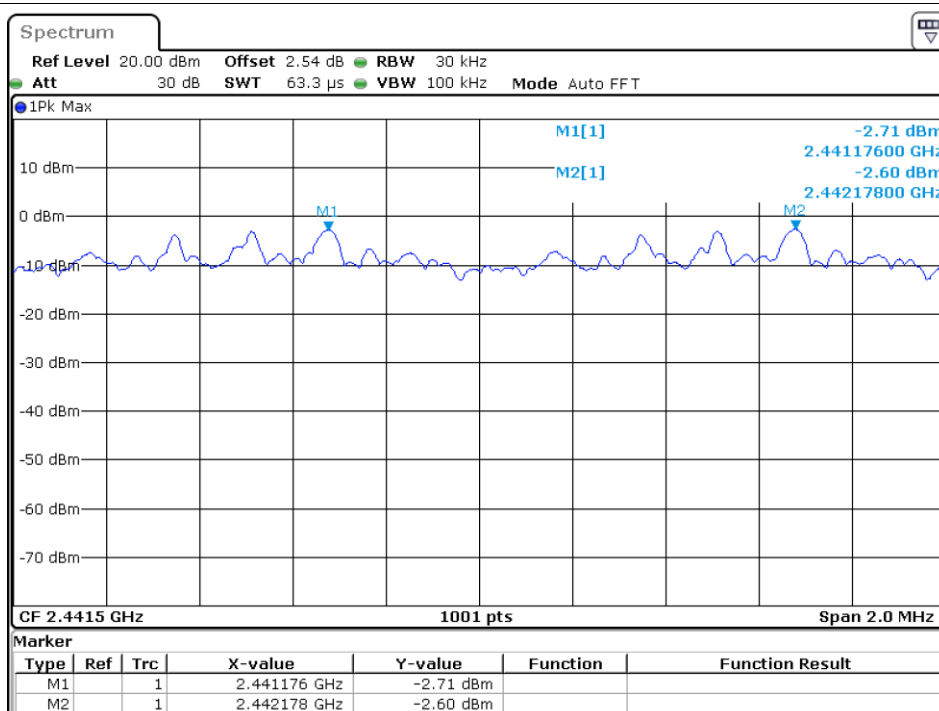


## Carrier Frequencies Separation

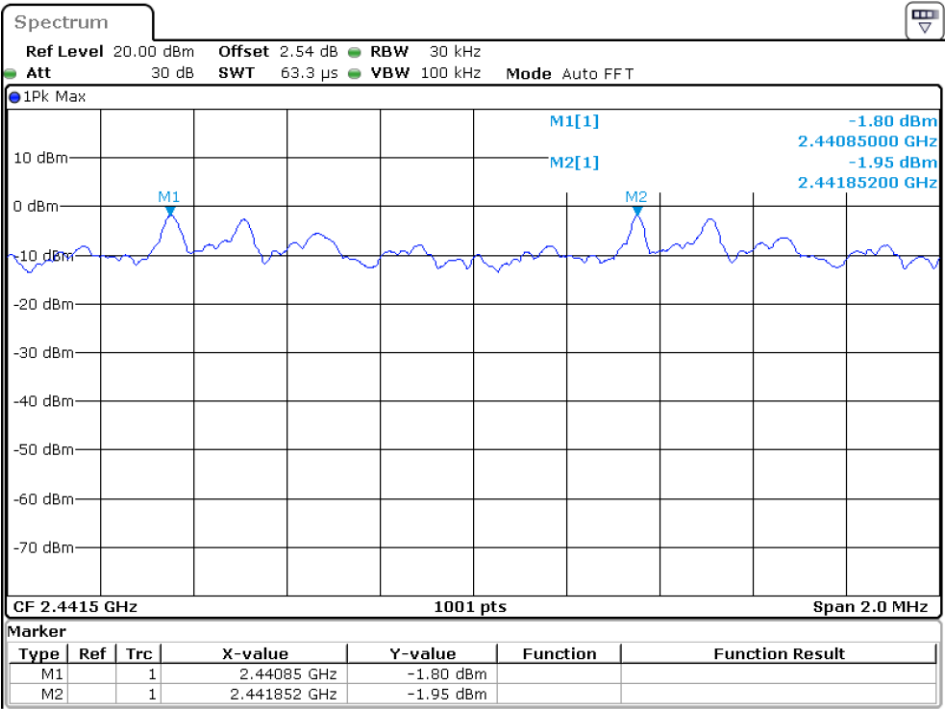
| Condition | Mode  | Antenna | Hopping Freq1 (MHz) | Hopping Freq2 (MHz) | HFS (MHz) | Limit (MHz) | Verdict |
|-----------|-------|---------|---------------------|---------------------|-----------|-------------|---------|
| NVNT      | 1-DH5 | Ant1    | 2440.852            | 2441.852            | 1         | 0.69        | Pass    |
| NVNT      | 2-DH5 | Ant1    | 2441.176            | 2442.178            | 1.002     | 0.89        | Pass    |
| NVNT      | 3-DH5 | Ant1    | 2440.85             | 2441.852            | 1.002     | 0.86        | Pass    |



CFS NVNT 1-DH5 2441MHz Ant1



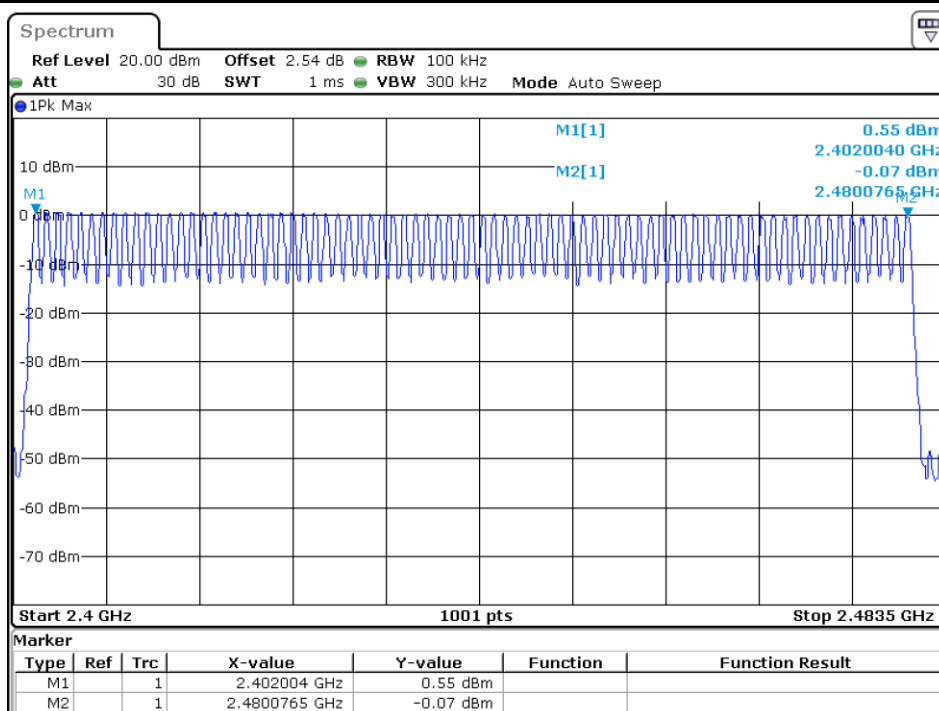
CFS NVNT 2-DH5 2441MHz Ant1



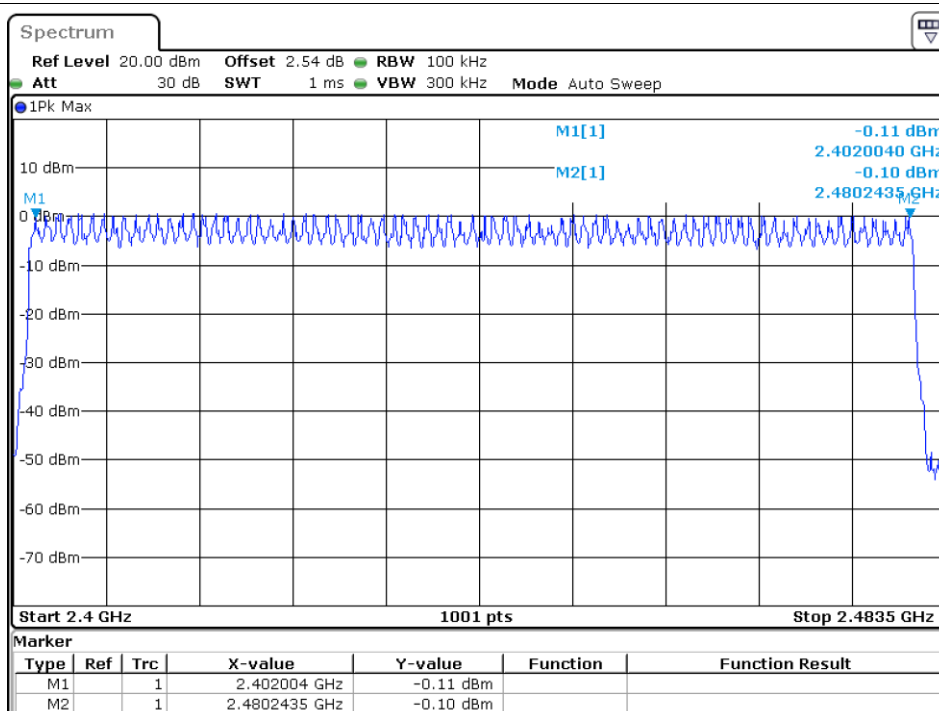
CFS NVNT 3-DH5 2441MHz Ant1

## Number of Hopping Channel

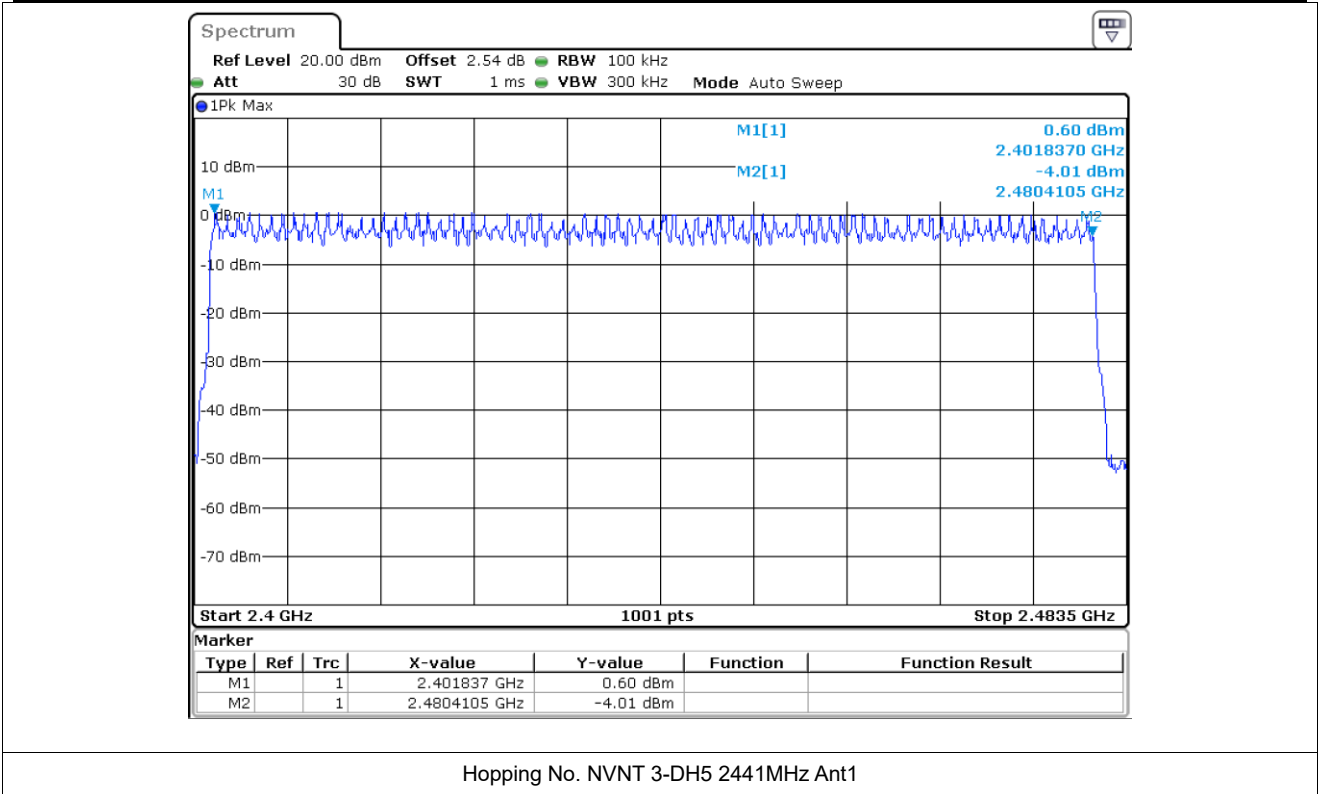
| Condition | Mode  | Antenna | Hopping Number | Limit | Verdict |
|-----------|-------|---------|----------------|-------|---------|
| NVNT      | 1-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 2-DH5 | Ant1    | 79             | 15    | Pass    |
| NVNT      | 3-DH5 | Ant1    | 79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



Hopping No. NVNT 1-DH5 2441MHz Ant1



Hopping No. NVNT 2-DH5 2441MHz Ant1



## Dwell Time

### Worst-case Result:

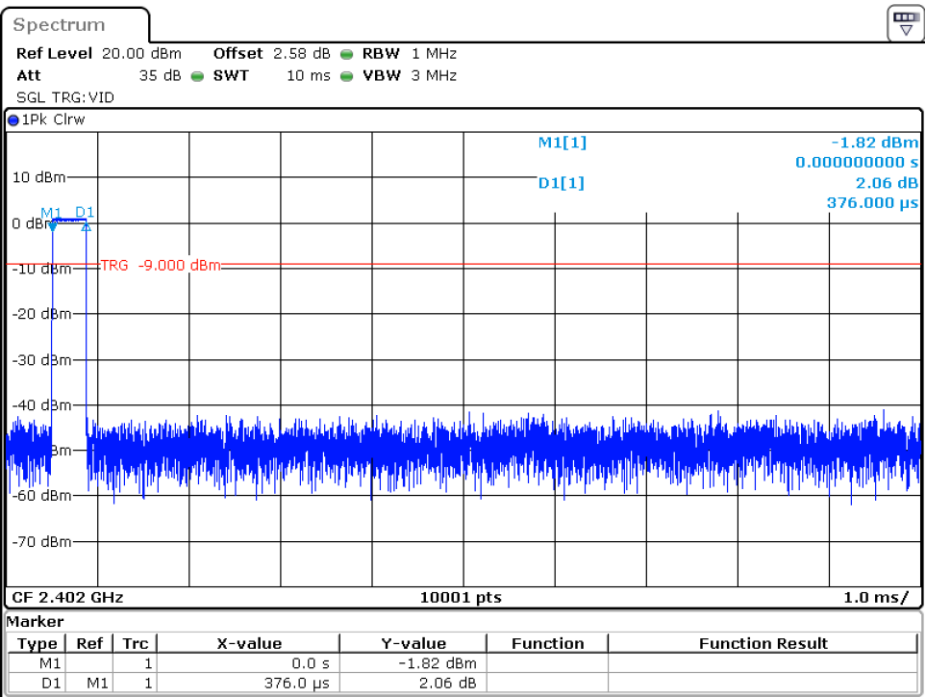
Normal hopping mode

| Modulation Type | Packet | Max Dwell Time                          | Limit (s) | Result |
|-----------------|--------|-----------------------------------------|-----------|--------|
| GFSK            | DH1    | $0.376\text{ms} * 319 = 119.9\text{ms}$ | 0.4       | Pass   |
|                 | DH3    | $1.632\text{ms} * 156 = 254.6\text{ms}$ | 0.4       | Pass   |
|                 | DH5    | $2.880\text{ms} * 106 = 305.3\text{ms}$ | 0.4       | Pass   |

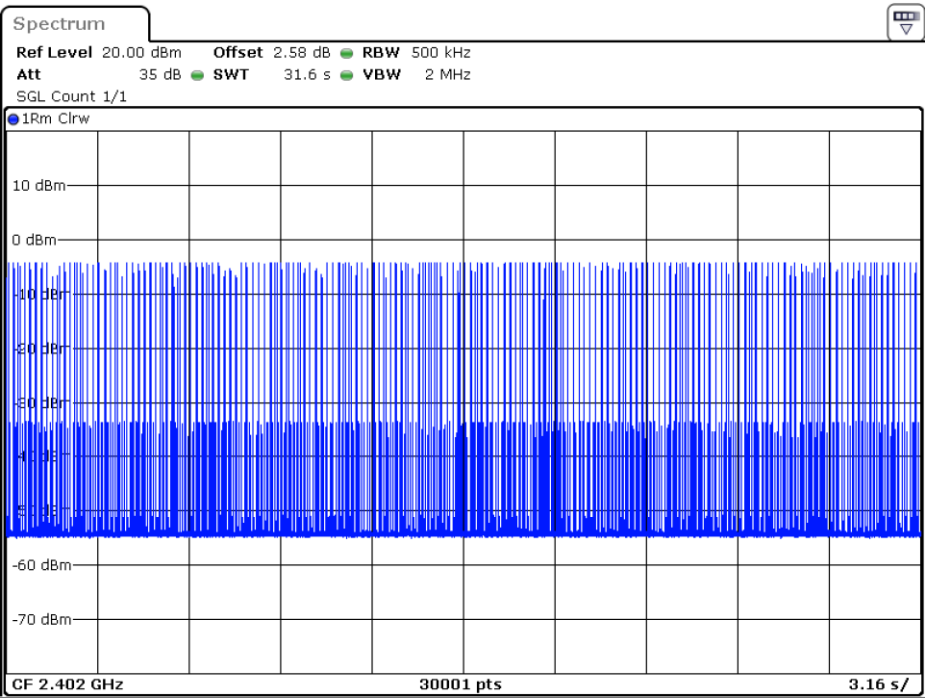
AFH mode:

| Modulation Type | Packet | Max Dwell Time                         | Limit (s) | Result |
|-----------------|--------|----------------------------------------|-----------|--------|
| GFSK            | DH1    | $0.376\text{ms} * 80 = 30.08\text{ms}$ | 0.4       | Pass   |
|                 | DH3    | $1.632\text{ms} * 34 = 55.49\text{ms}$ | 0.4       | Pass   |
|                 | DH5    | $2.880\text{ms} * 28 = 80.64\text{ms}$ | 0.4       | Pass   |

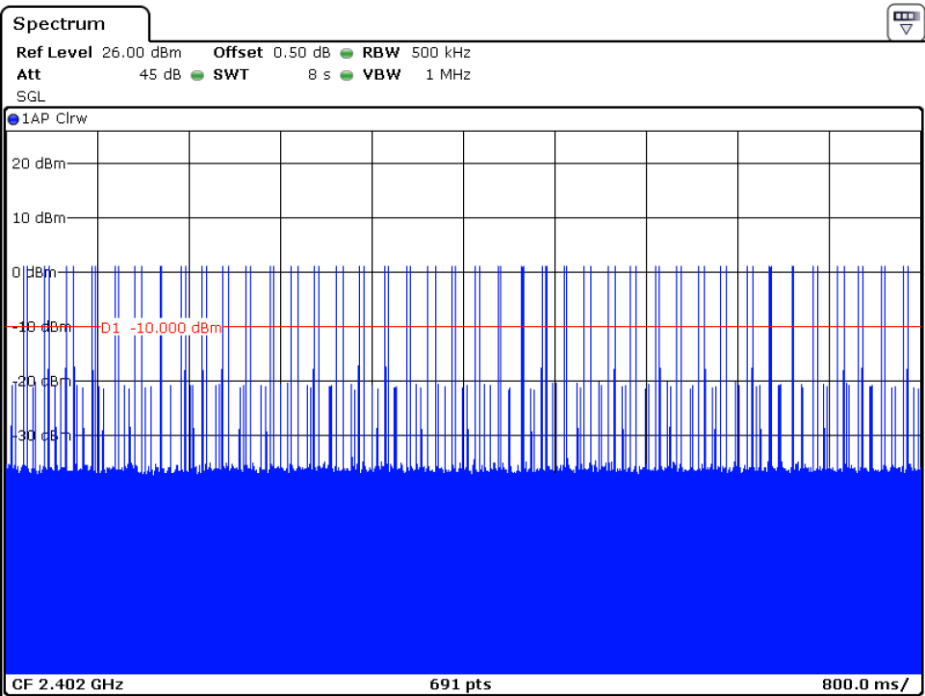
Modulation Type: GFSK  
Packet:DH1



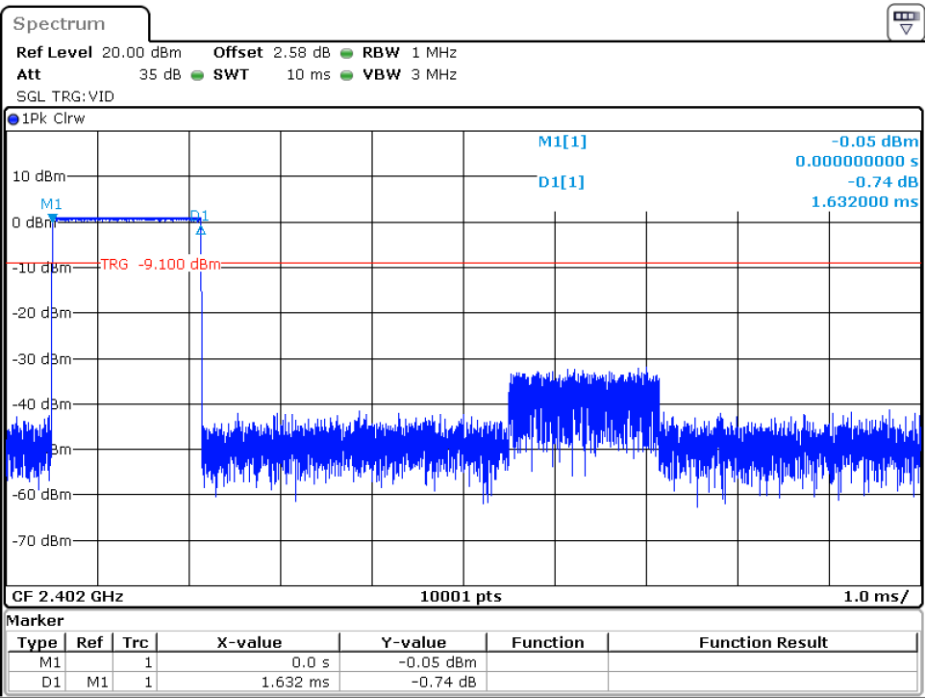
Number of hops (Normal hopping mode)



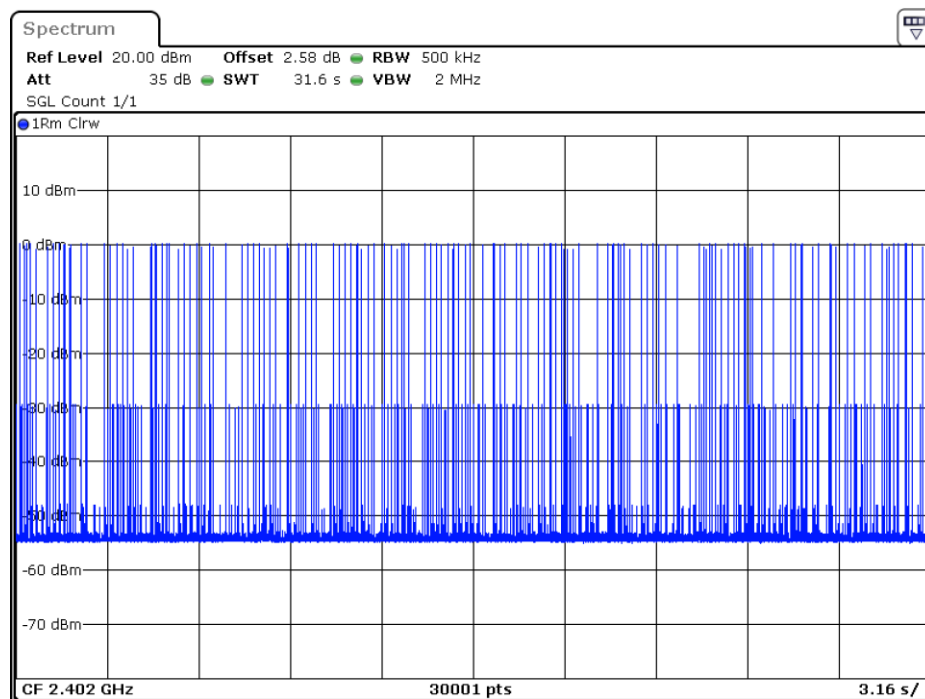
Number of hops (AFH mode)



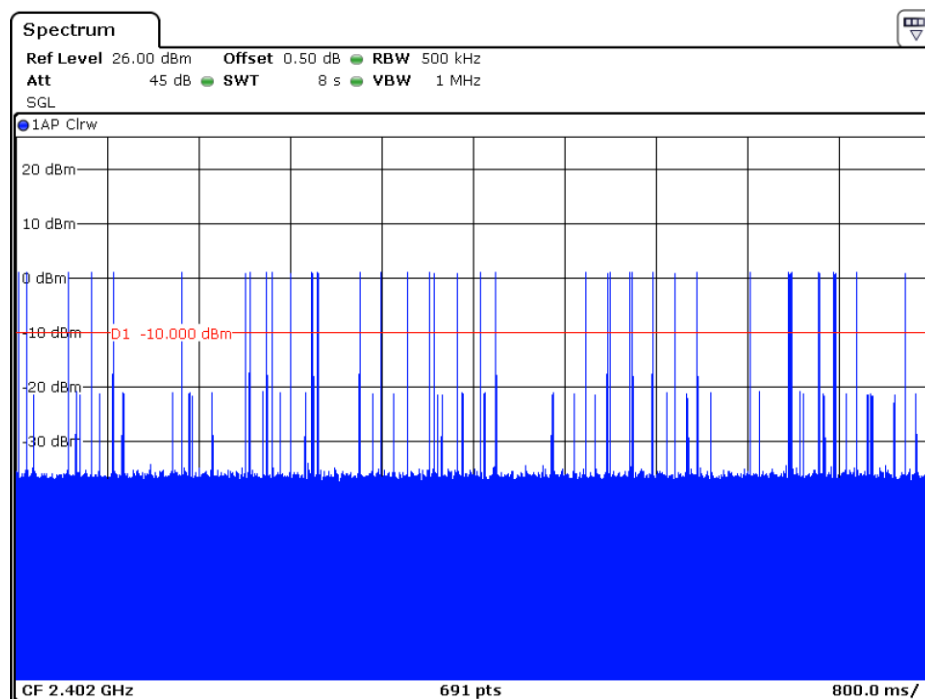
Packet: DH3



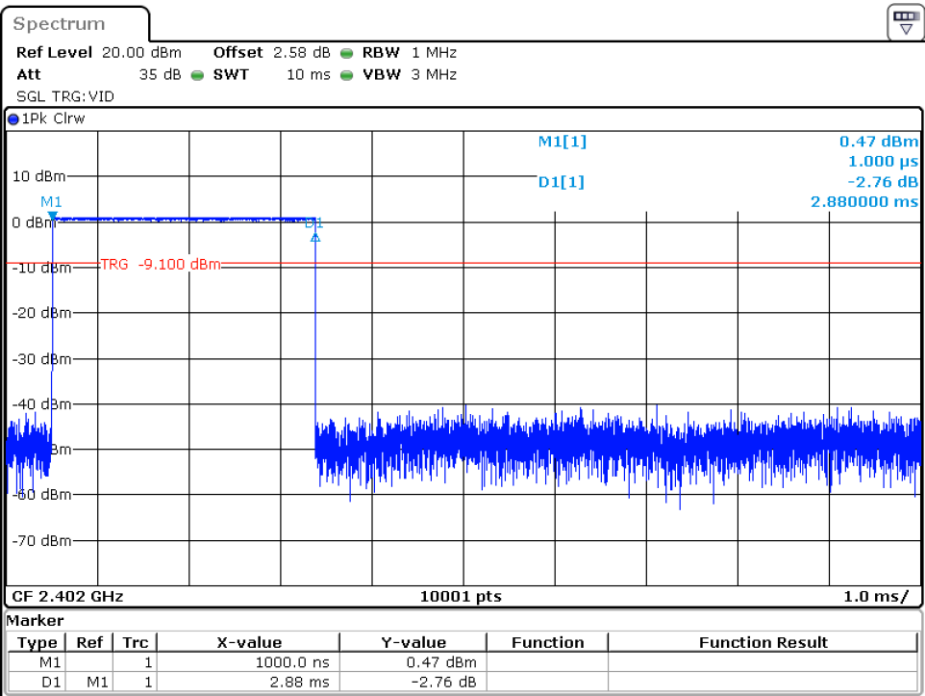
### Number of hops (Normal hopping mode)



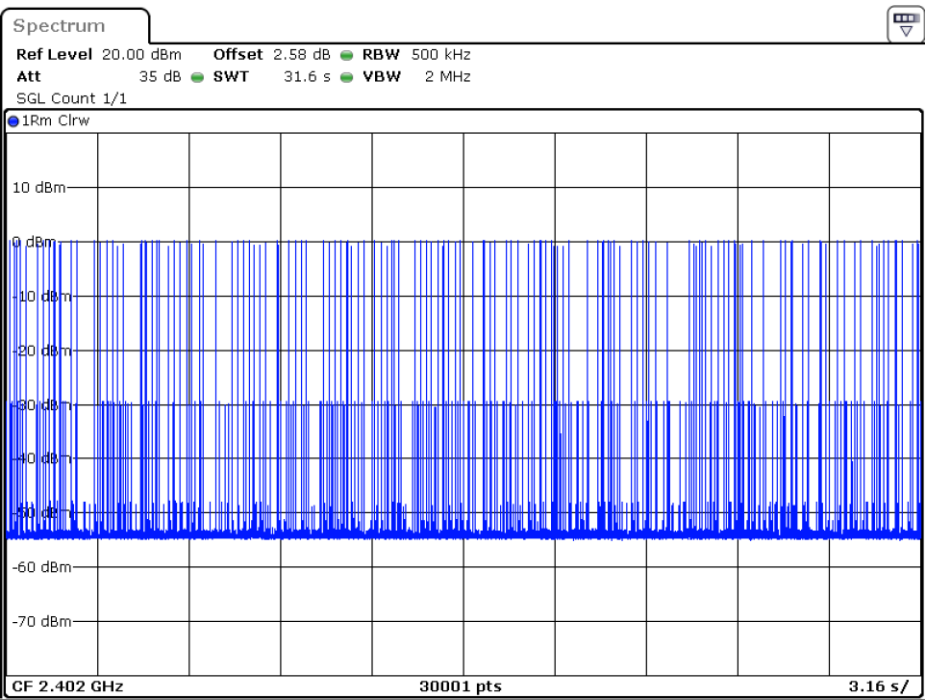
### Number of hops (AFH mode)



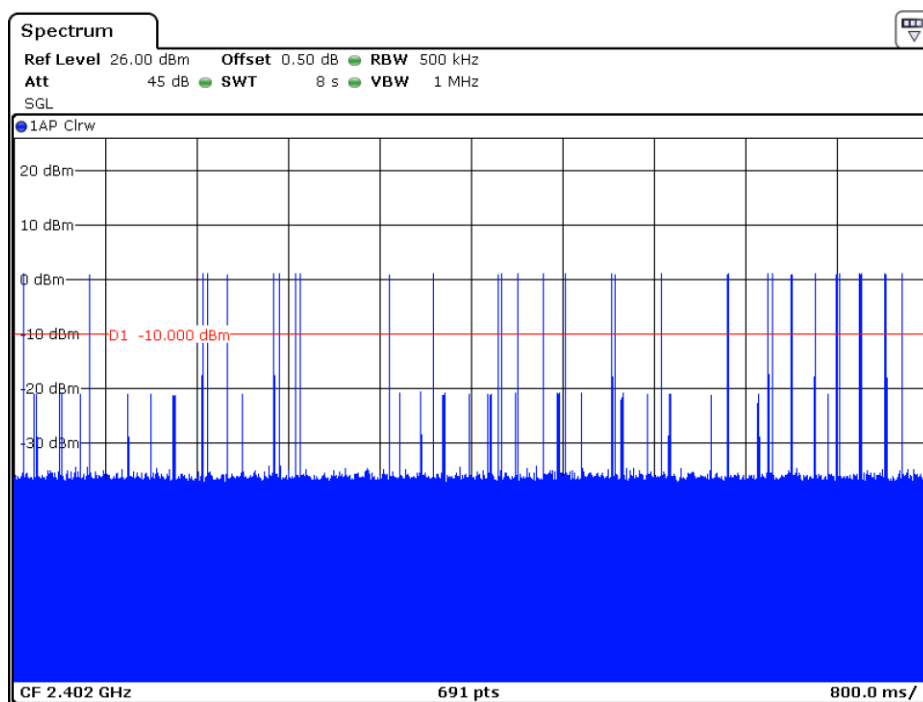
Packet: DH5



Number of hops (Normal hopping mode)

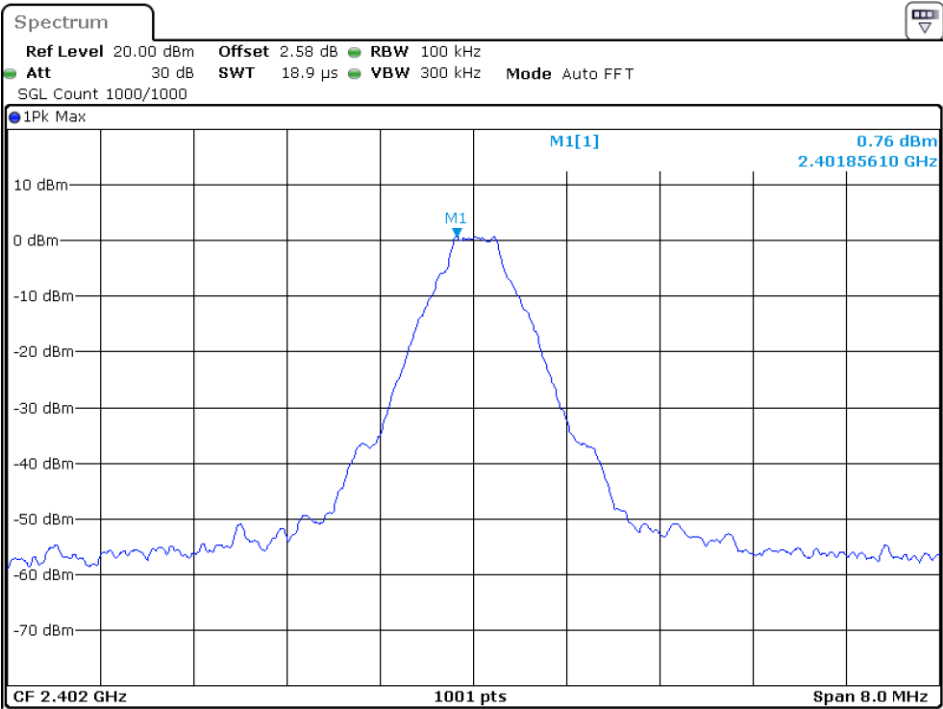


### Number of hops (AFH mode)

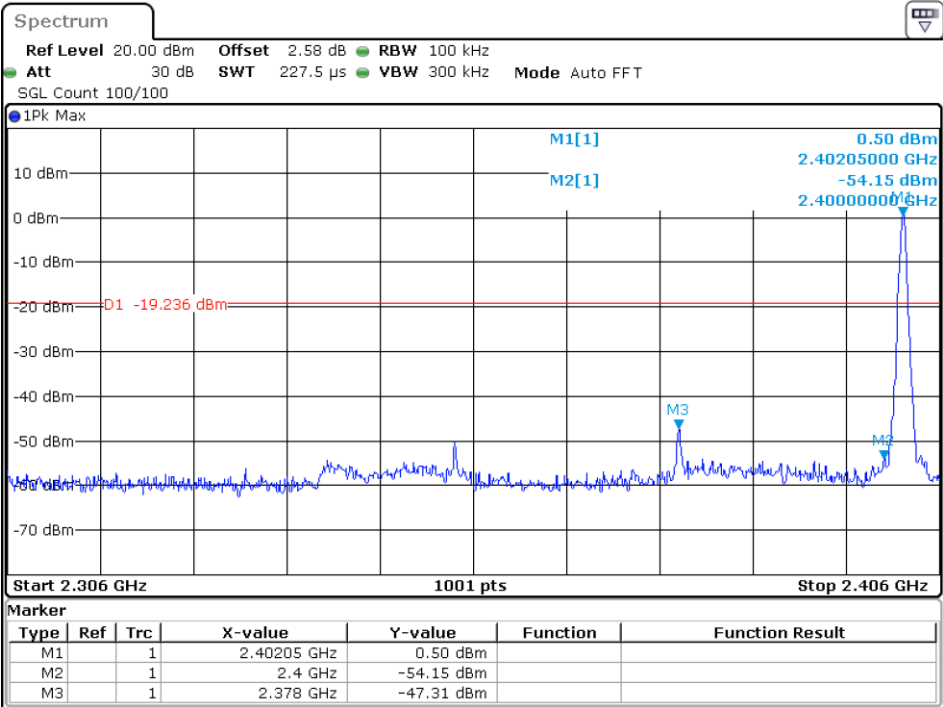


## Band Edge

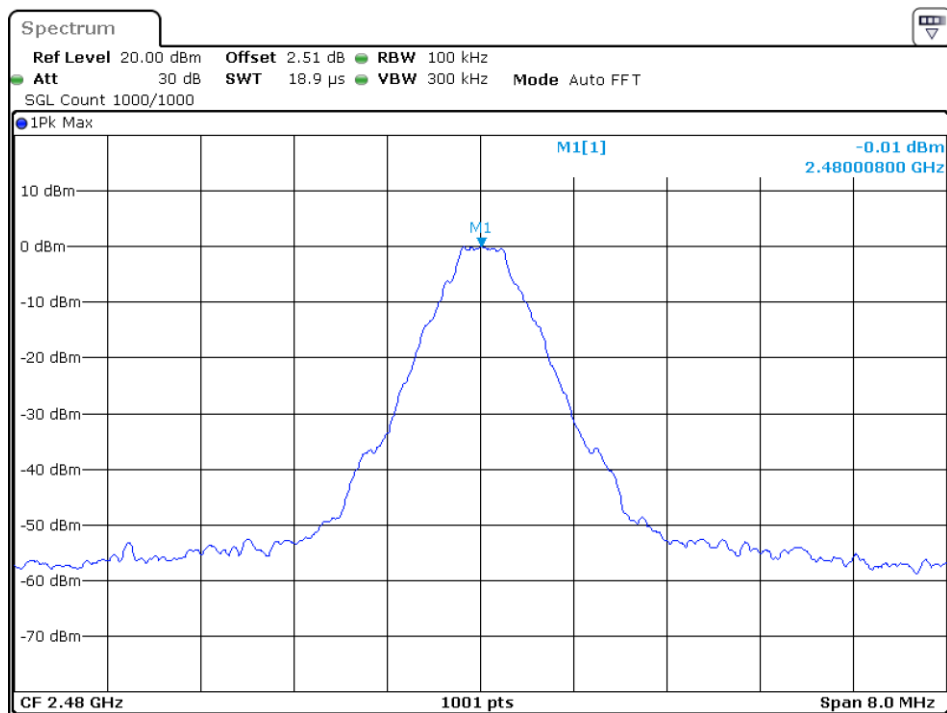
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | No-Hopping   | -48.07          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | No-Hopping   | -53.7           | -20         | Pass    |



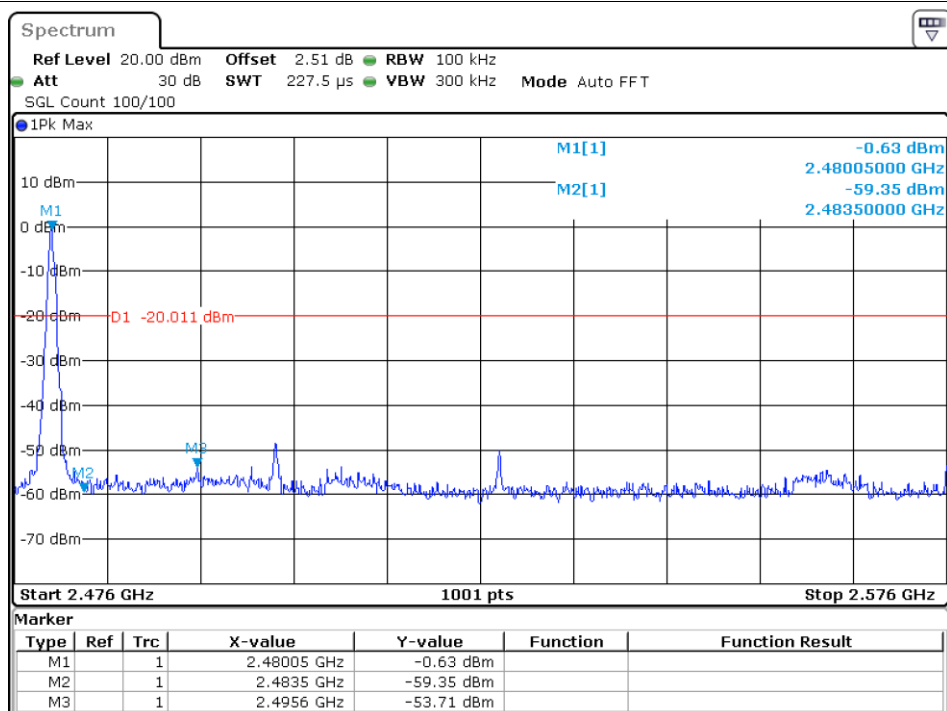
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



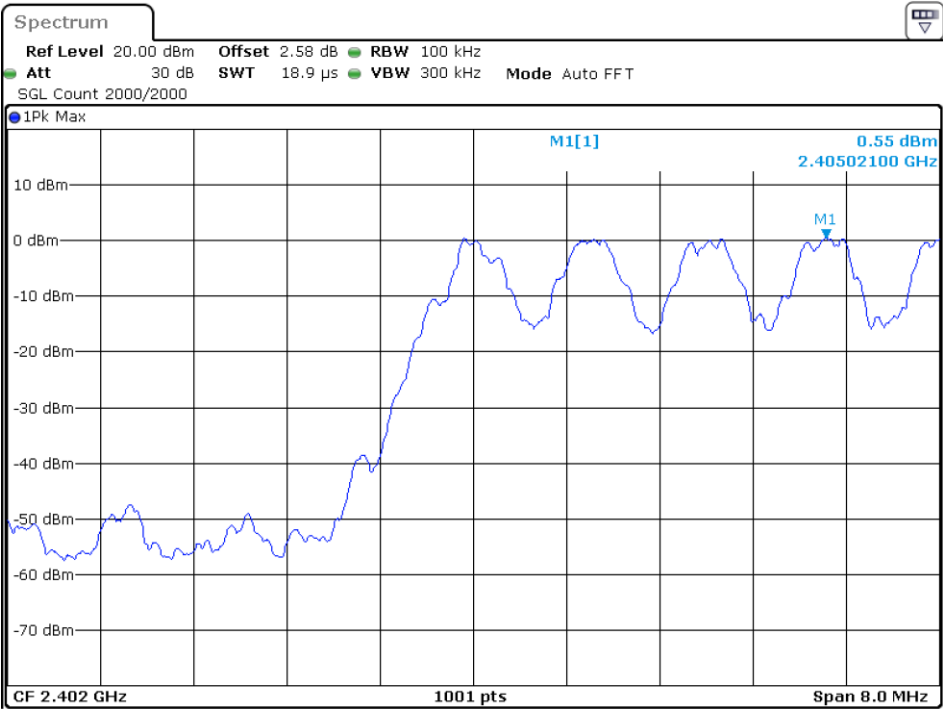
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



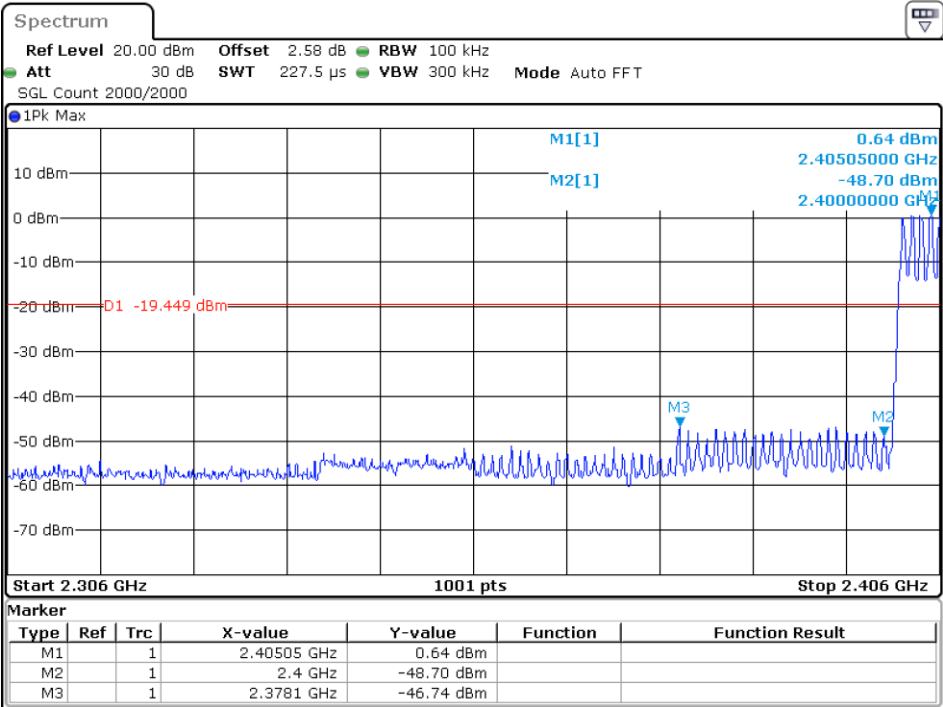
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

## Band Edge(Hopping)

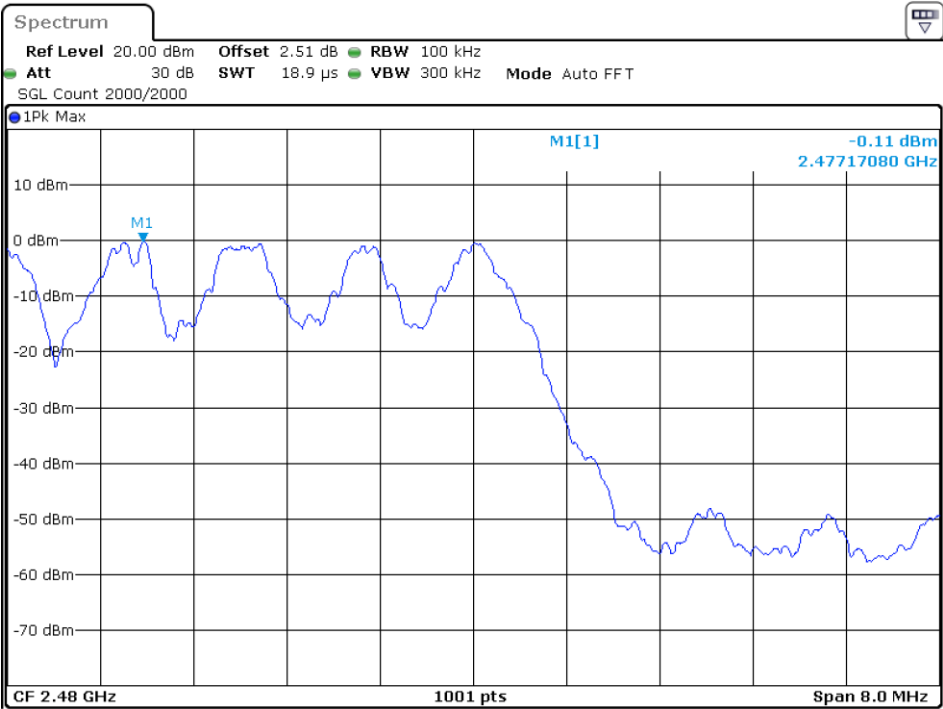
| Condition | Mode  | Frequency (MHz) | Antenna | Hopping Mode | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|--------------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | Hopping      | -47.29          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | Hopping      | -48.04          | -20         | Pass    |



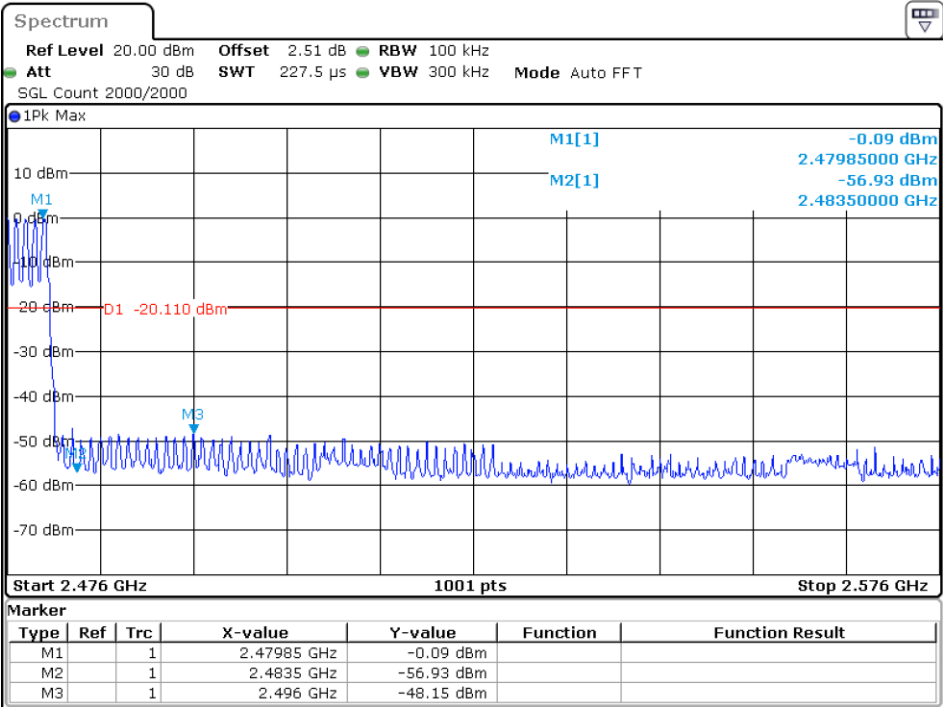
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



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



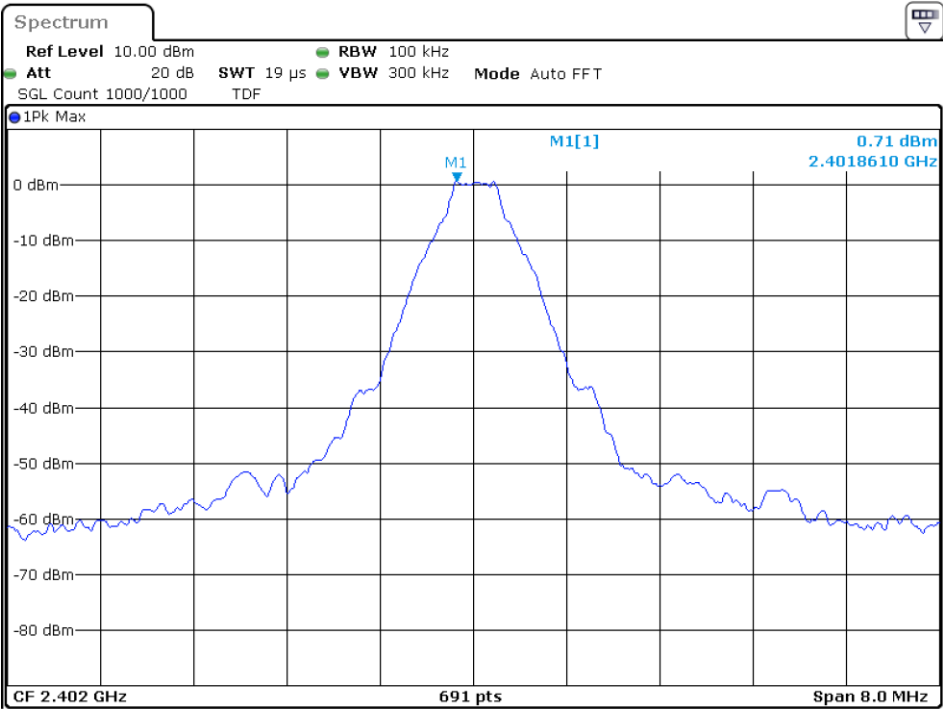
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



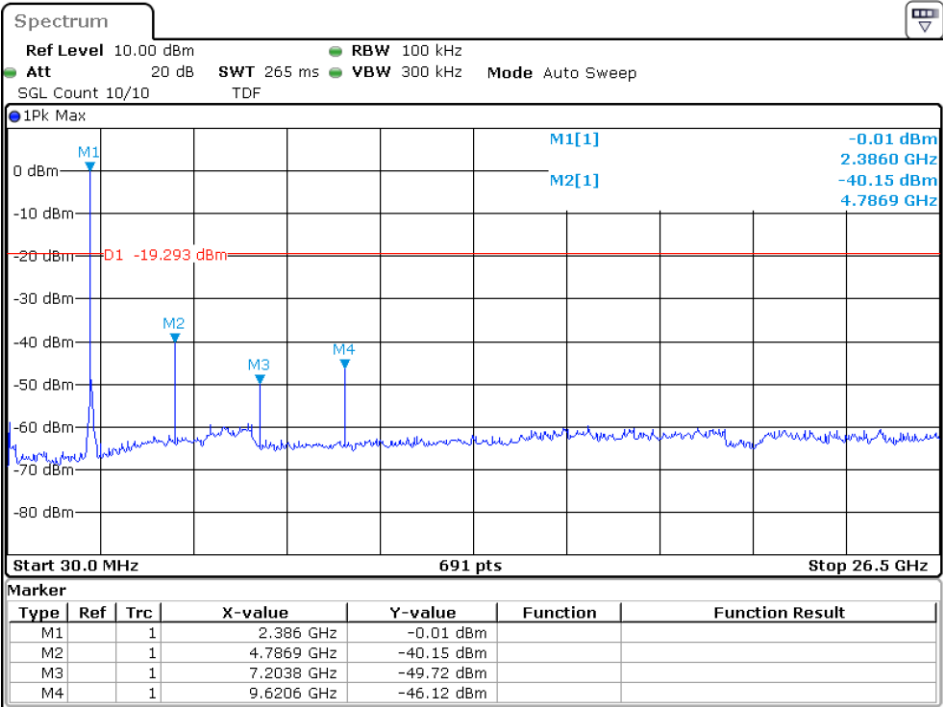
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

## Conducted RF Spurious Emission

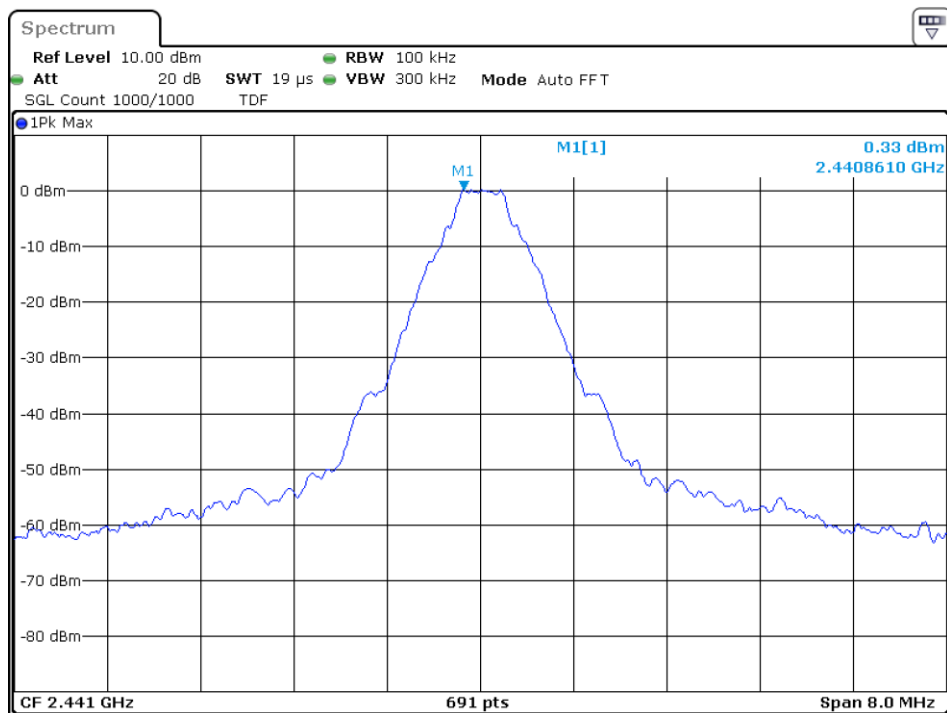
| Condition | Mode  | Frequency (MHz) | Antenna | Max Value (dBc) | Limit (dBc) | Verdict |
|-----------|-------|-----------------|---------|-----------------|-------------|---------|
| NVNT      | 1-DH5 | 2402            | Ant1    | -40.86          | -20         | Pass    |
| NVNT      | 1-DH5 | 2441            | Ant1    | -37.99          | -20         | Pass    |
| NVNT      | 1-DH5 | 2480            | Ant1    | -37.87          | -20         | Pass    |
| NVNT      | 2-DH5 | 2402            | Ant1    | -40.7           | -20         | Pass    |
| NVNT      | 2-DH5 | 2441            | Ant1    | -42.98          | -20         | Pass    |
| NVNT      | 2-DH5 | 2480            | Ant1    | -42.65          | -20         | Pass    |
| NVNT      | 3-DH5 | 2402            | Ant1    | -43.41          | -20         | Pass    |
| NVNT      | 3-DH5 | 2441            | Ant1    | -40.5           | -20         | Pass    |
| NVNT      | 3-DH5 | 2480            | Ant1    | -42.5           | -20         | Pass    |



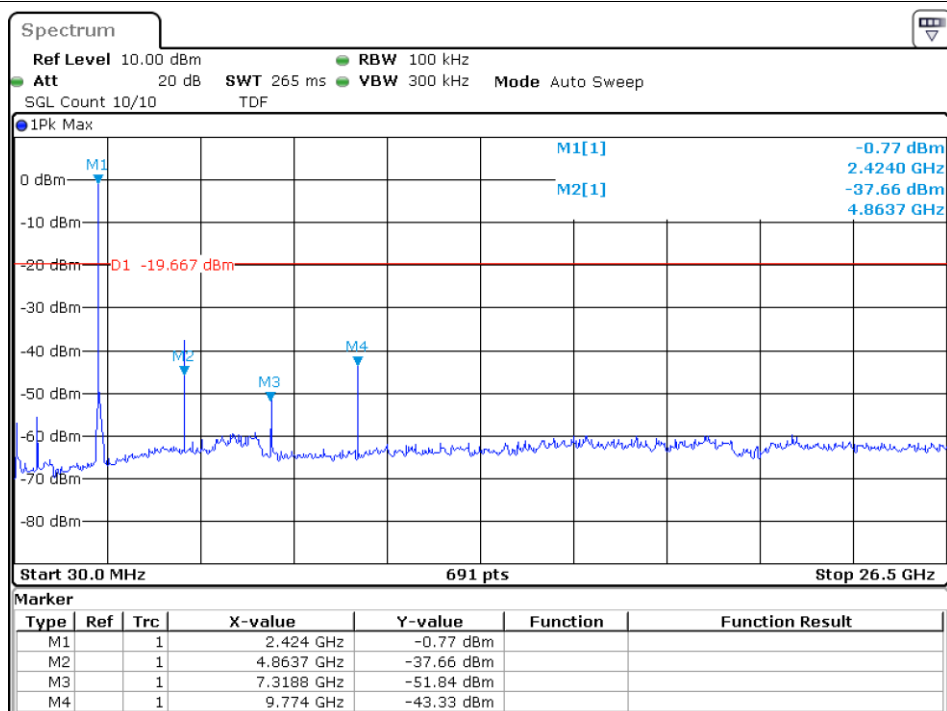
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



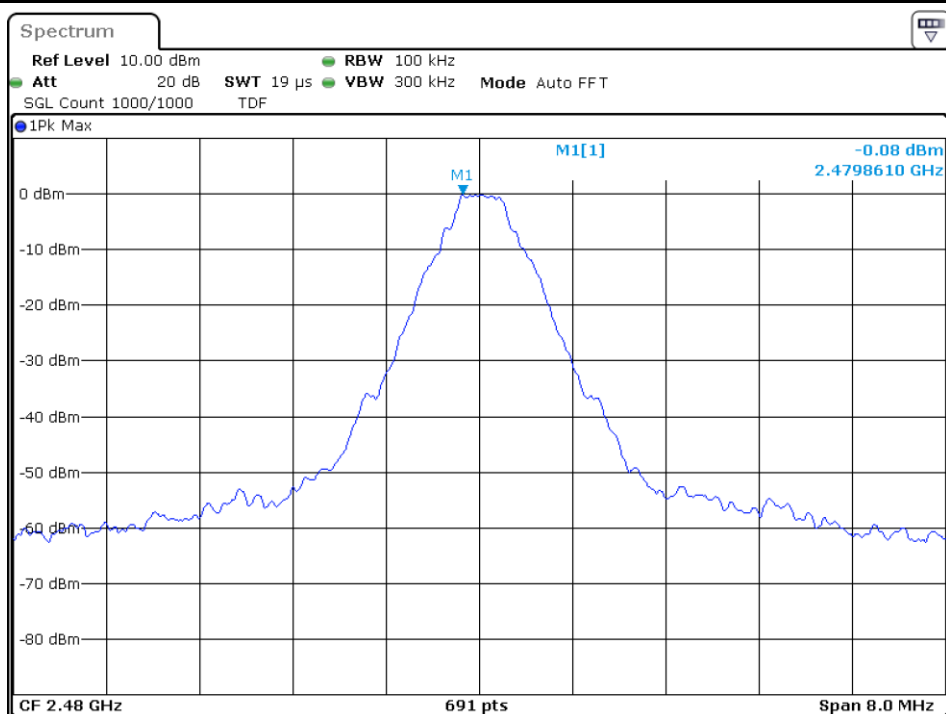
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



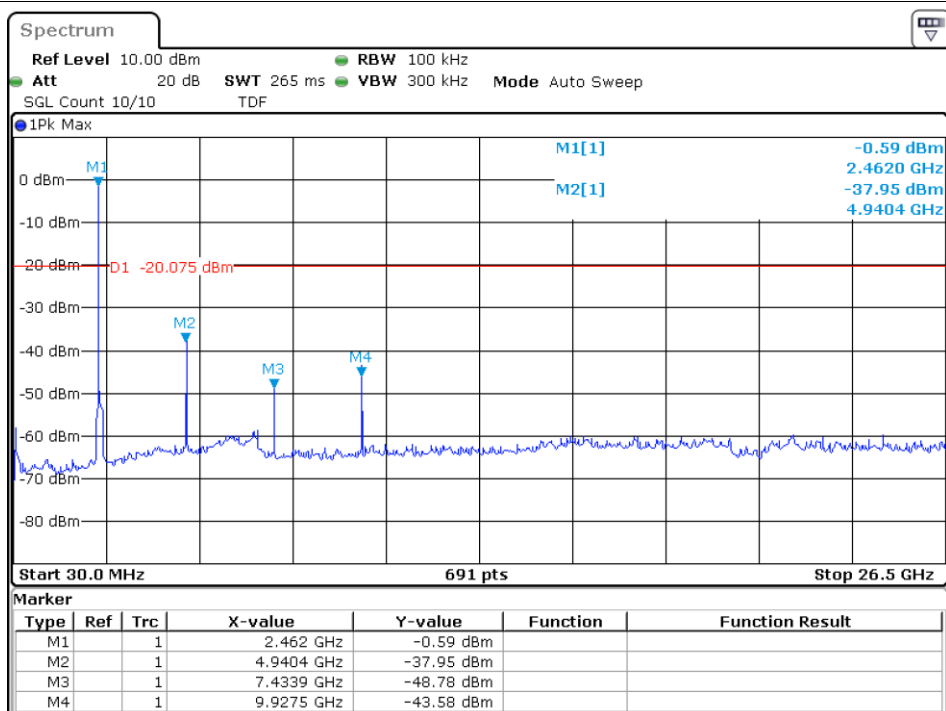
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



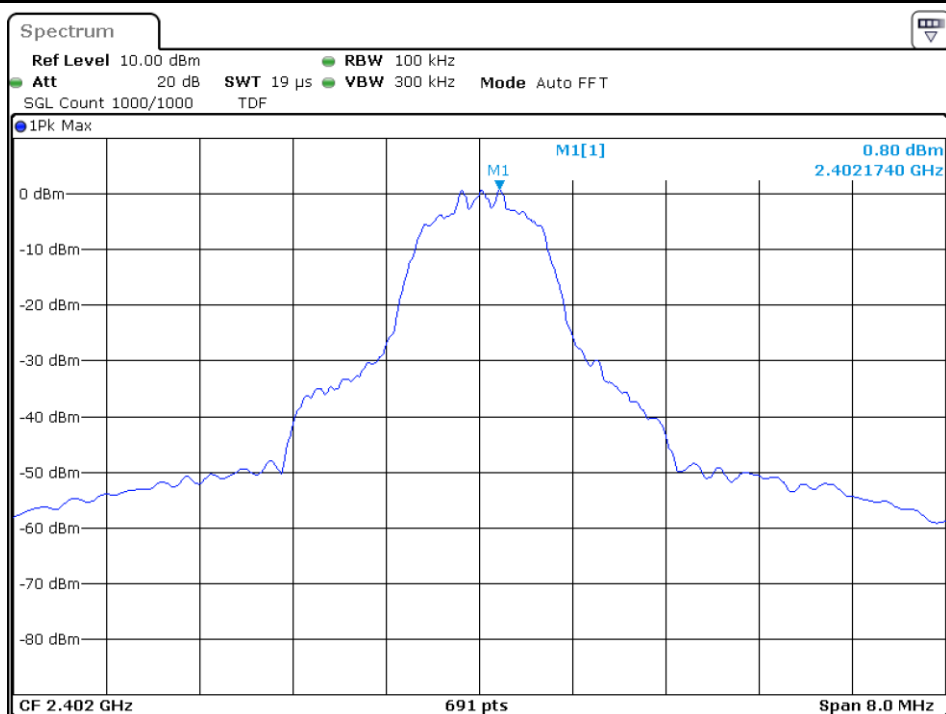
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



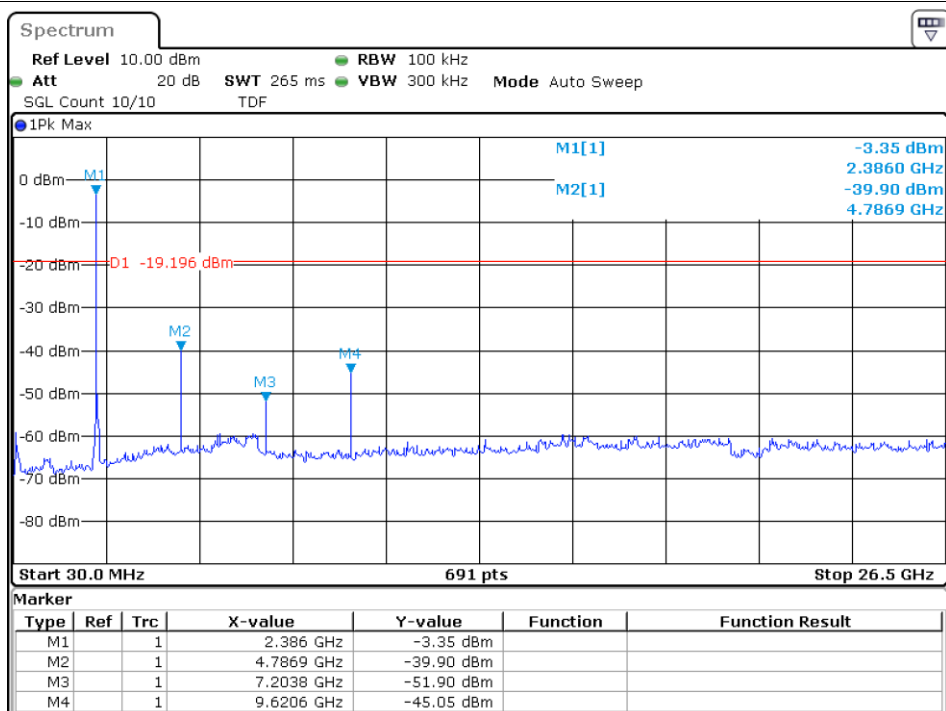
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



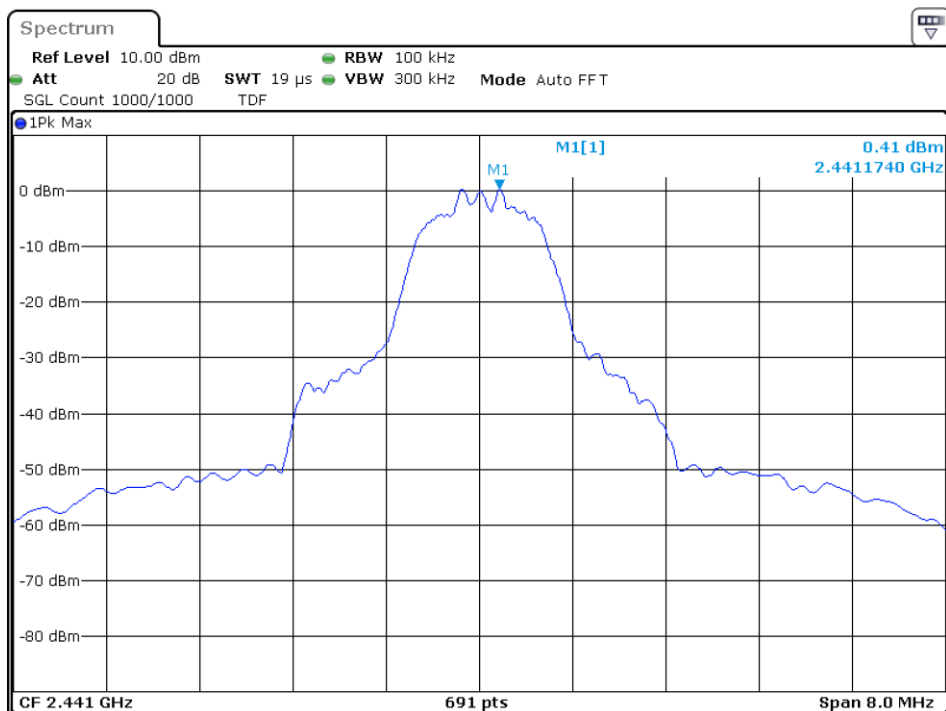
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



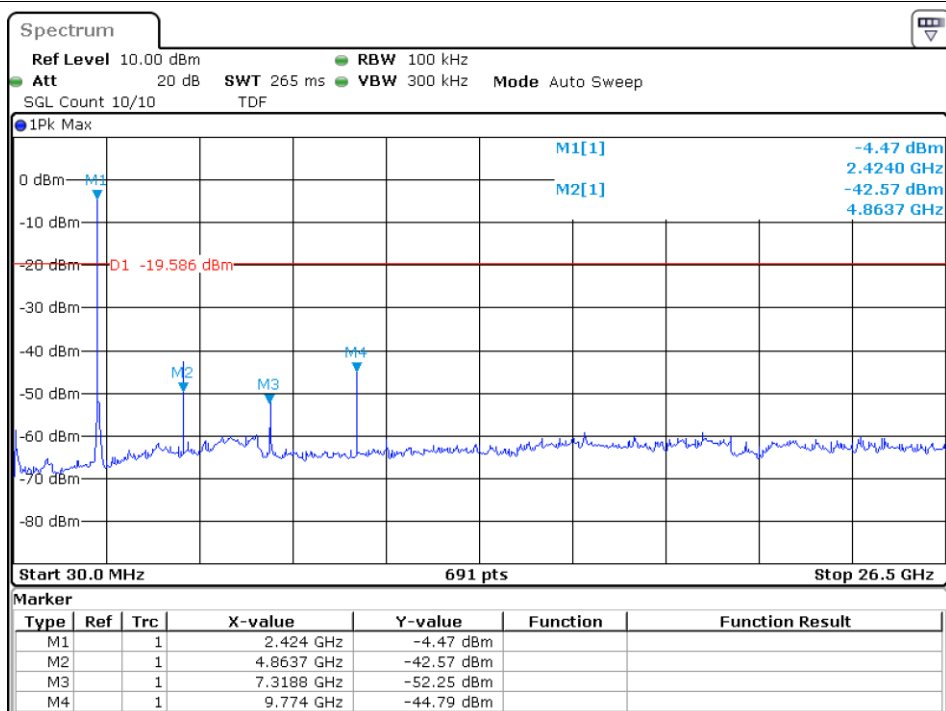
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



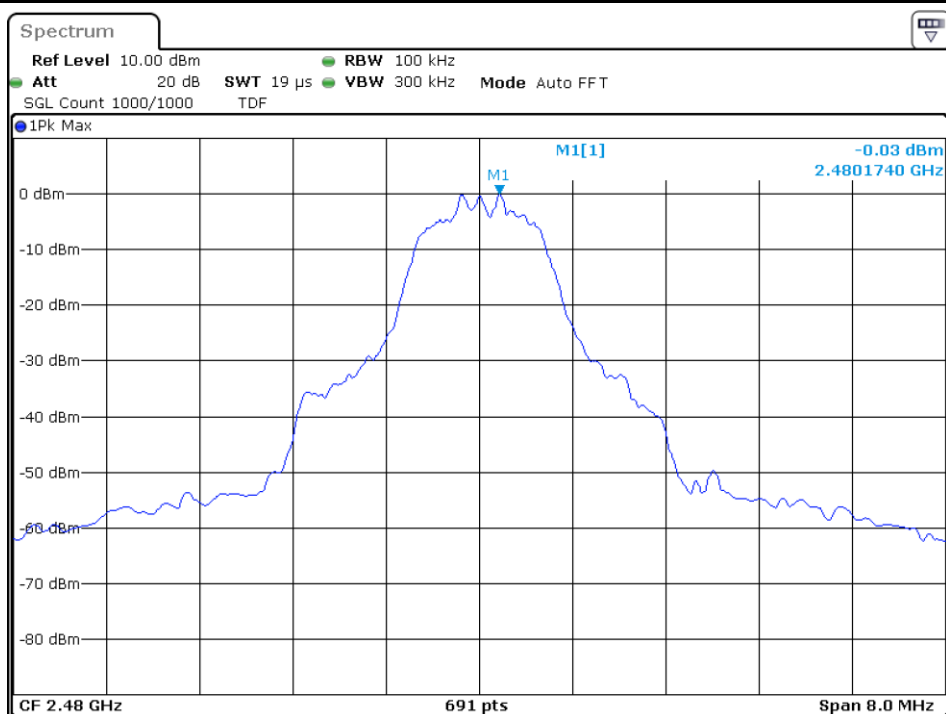
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



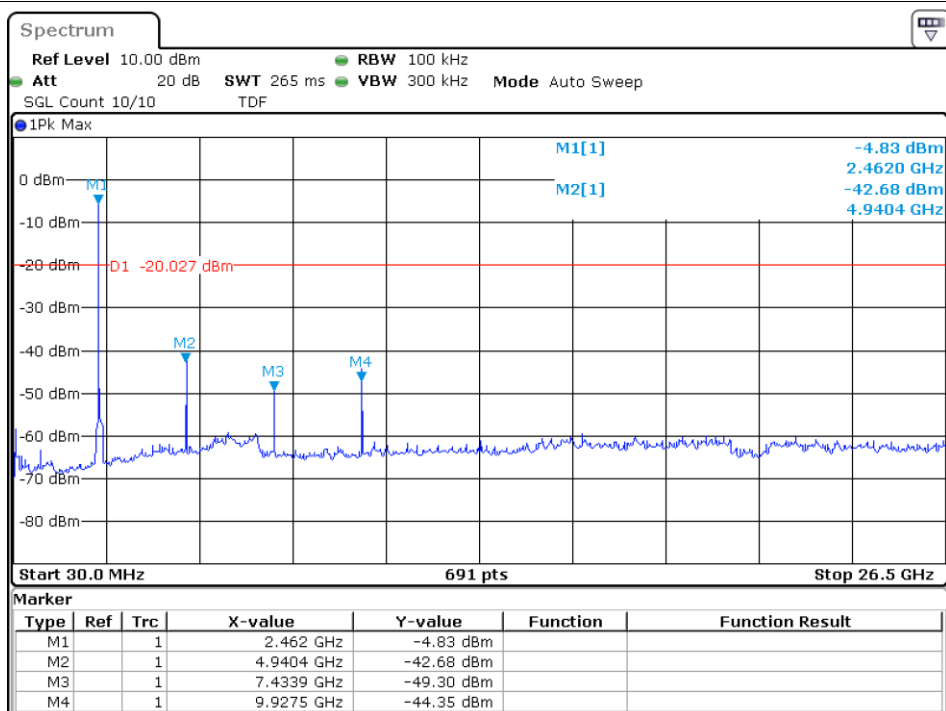
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



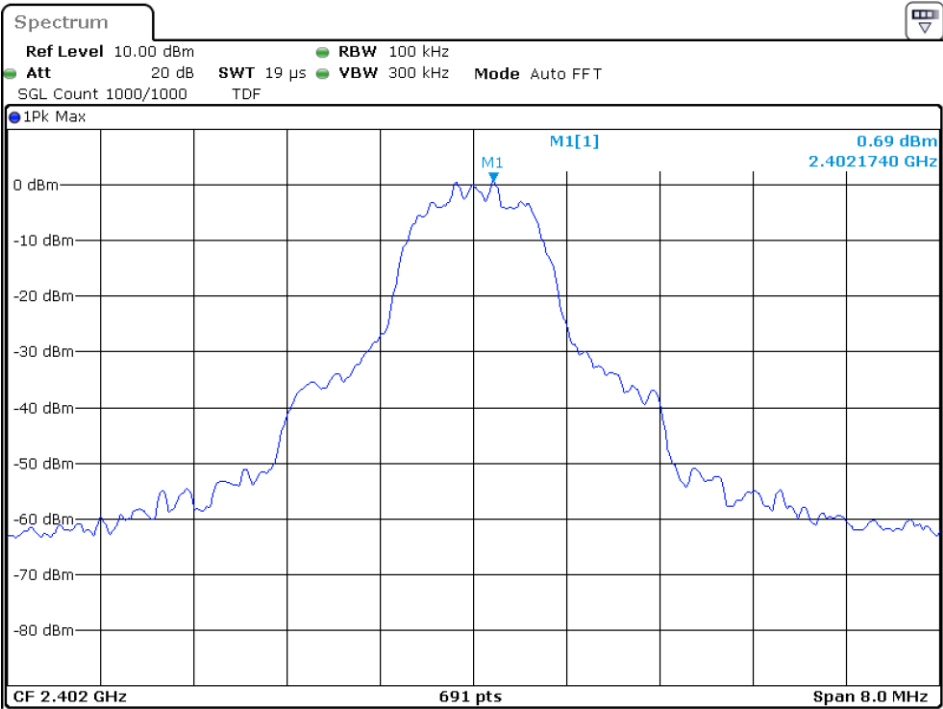
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



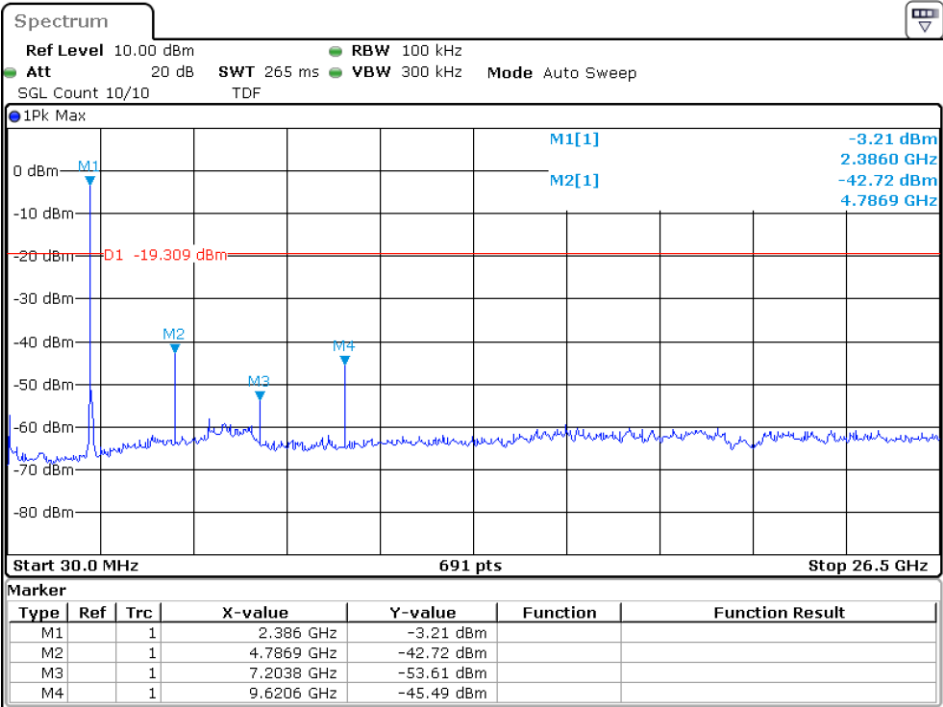
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



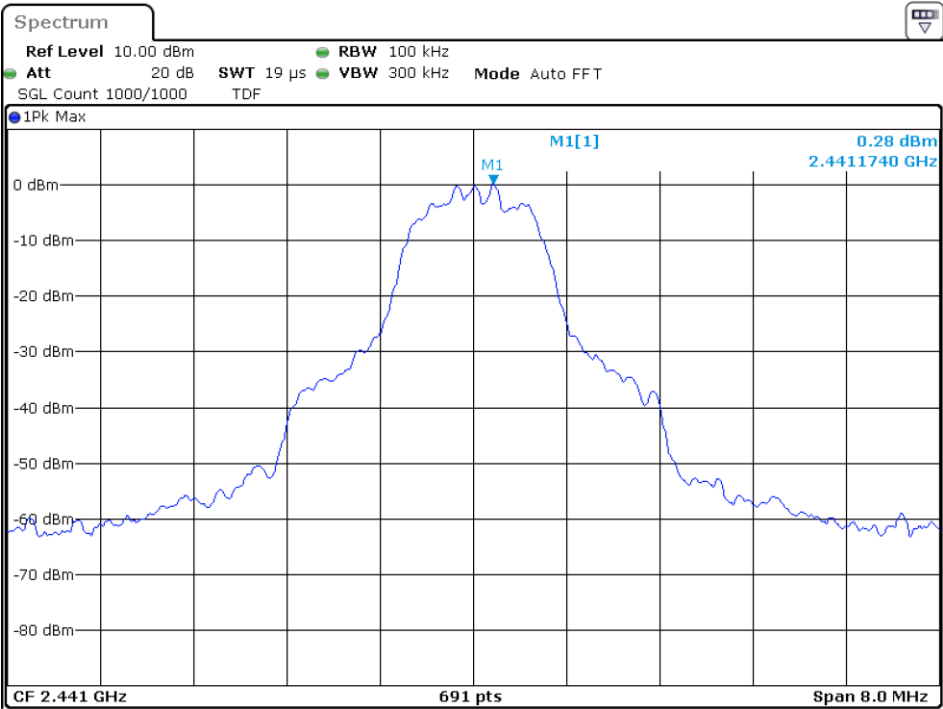
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



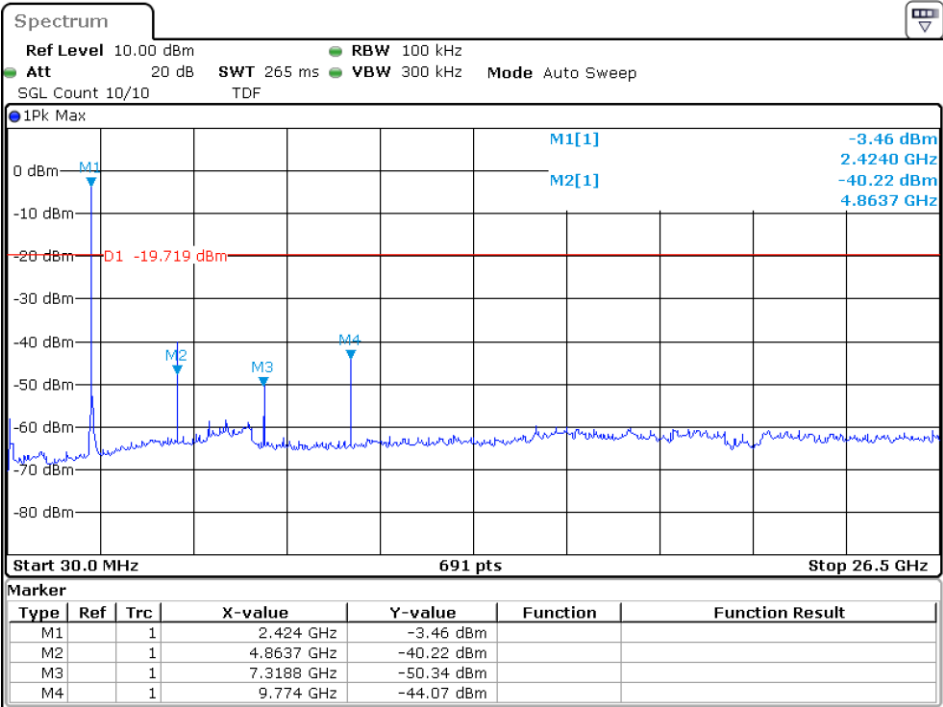
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



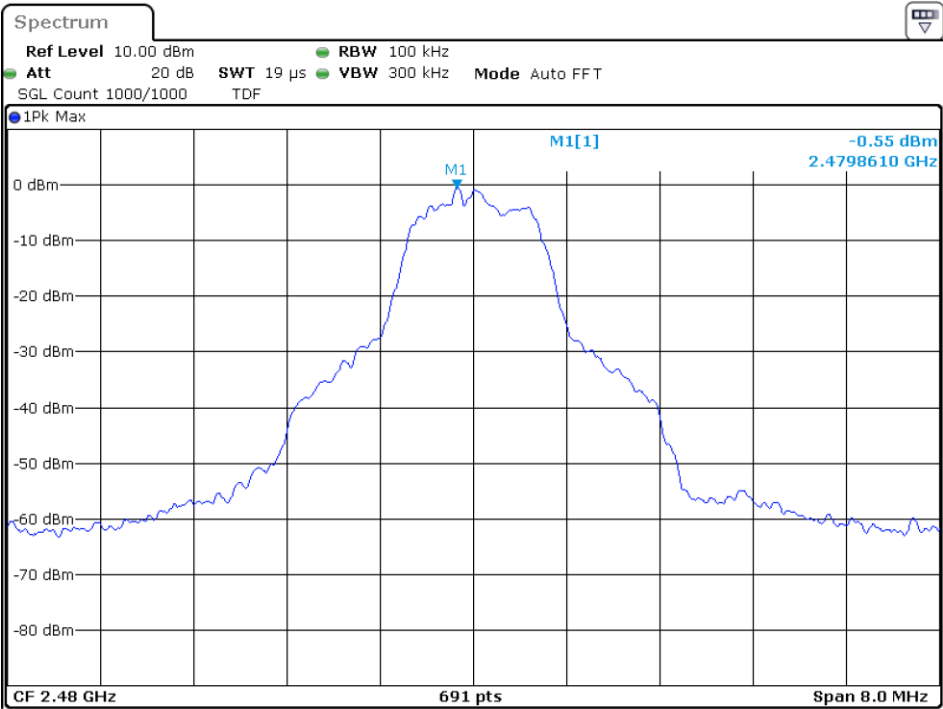
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



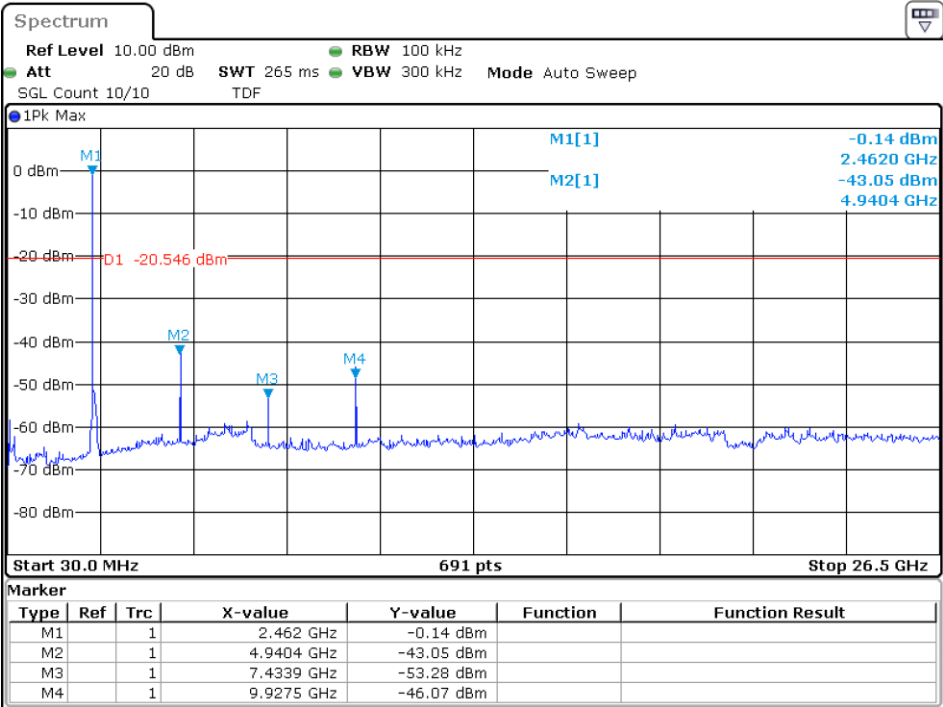
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission