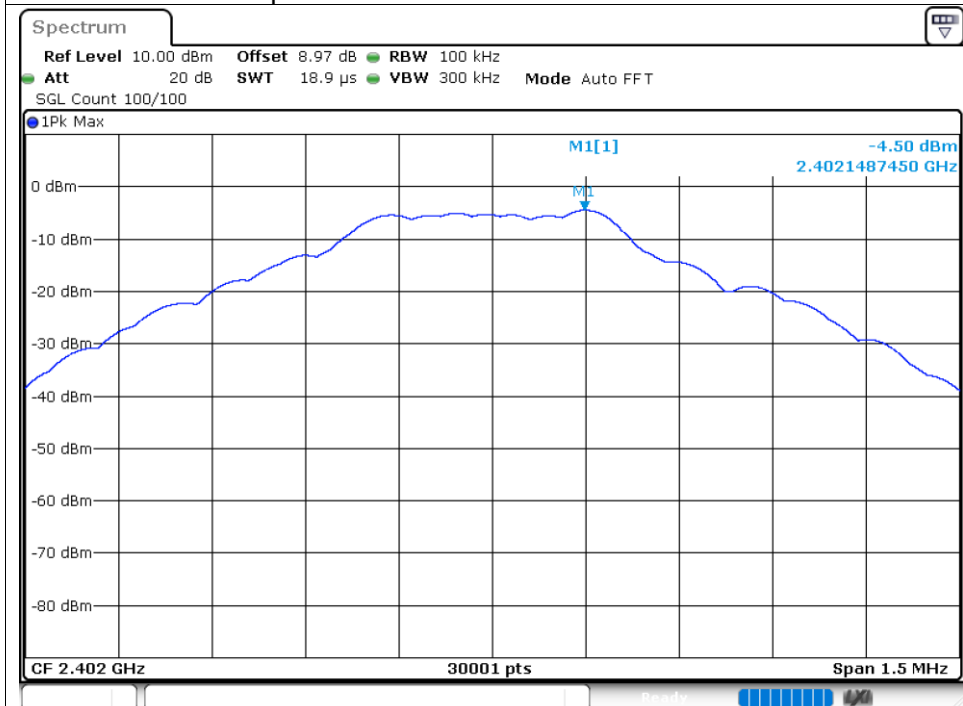


8.1.9 Conducted RF Spurious Emission

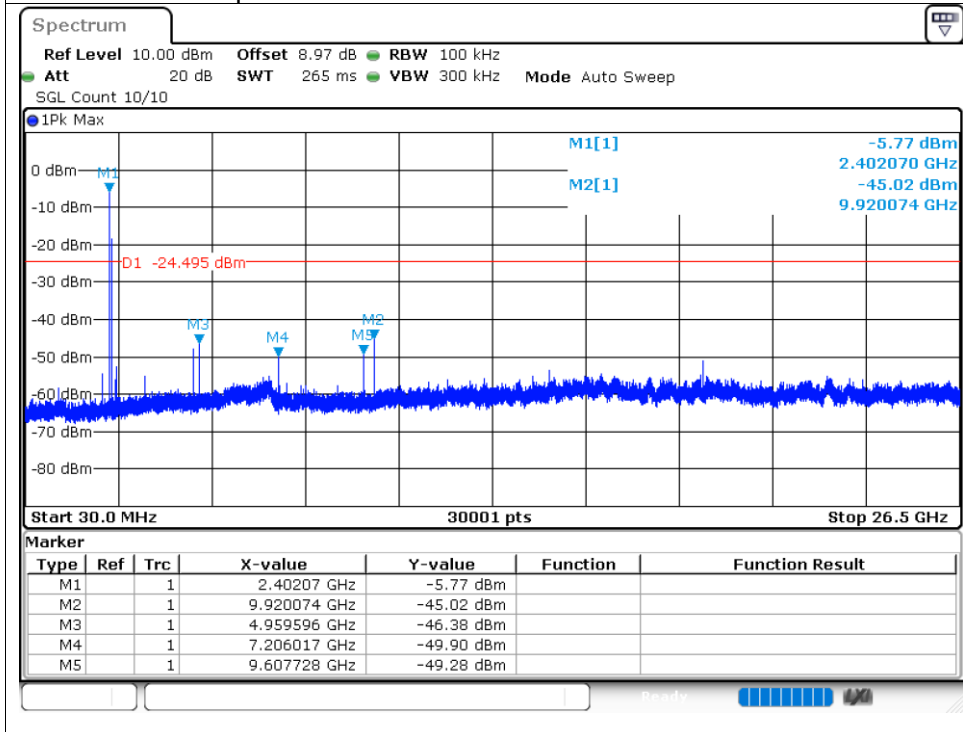
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-40.52	-20	Pass
NVNT	1-DH5	2441	Ant1	-40.56	-20	Pass
NVNT	1-DH5	2480	Ant1	-37.77	-20	Pass
NVNT	2-DH5	2402	Ant1	-42.85	-20	Pass
NVNT	2-DH5	2441	Ant1	-39.99	-20	Pass
NVNT	2-DH5	2480	Ant1	-37.45	-20	Pass

Test Graphs

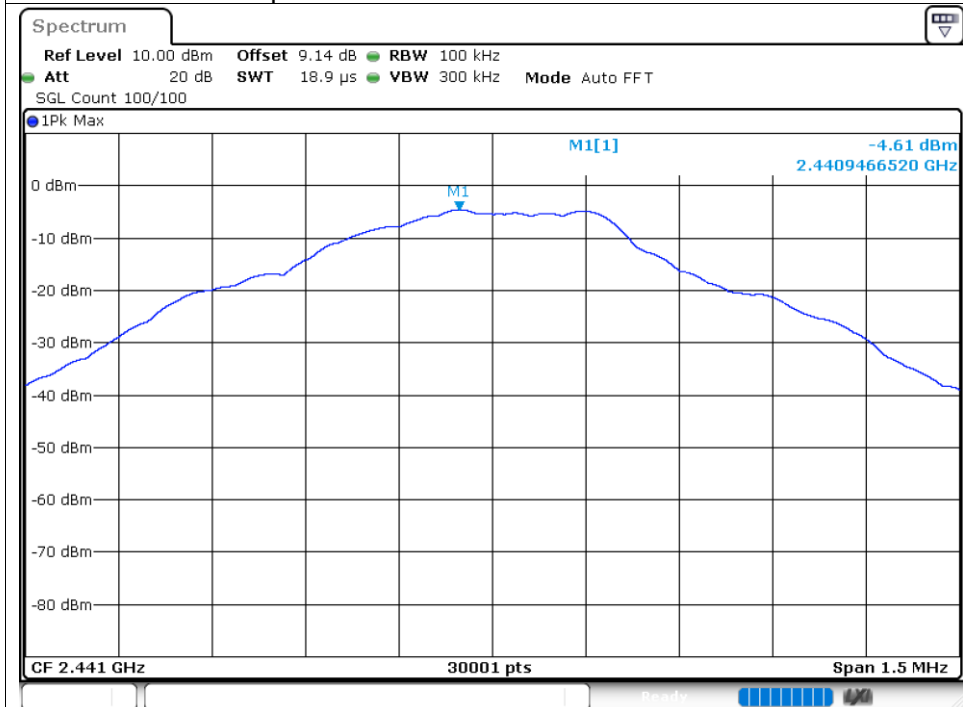
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



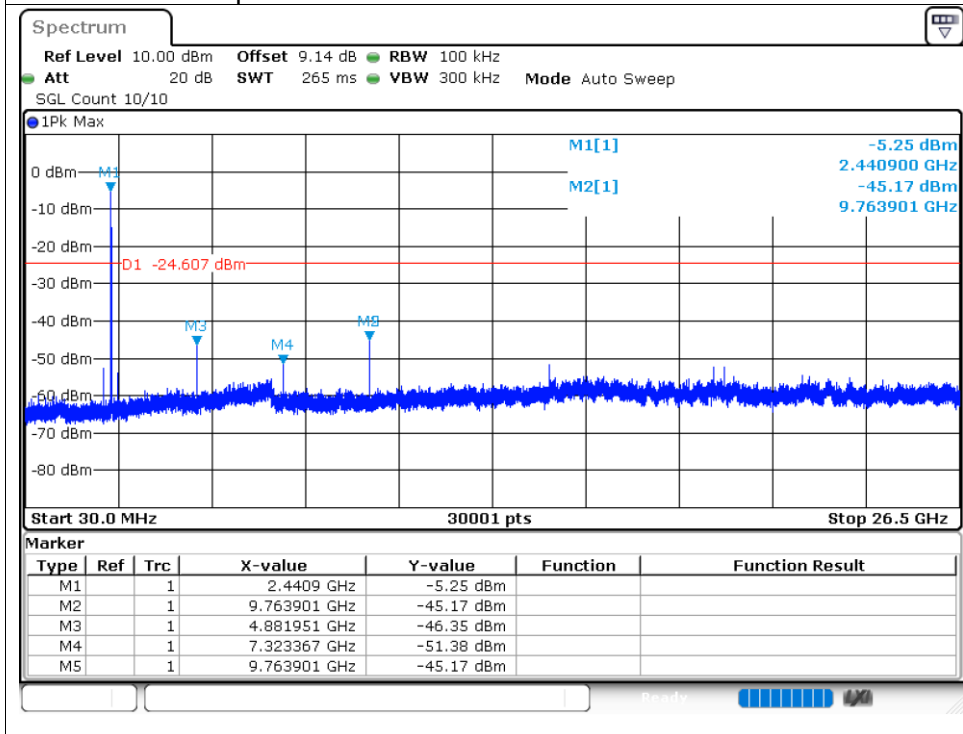
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



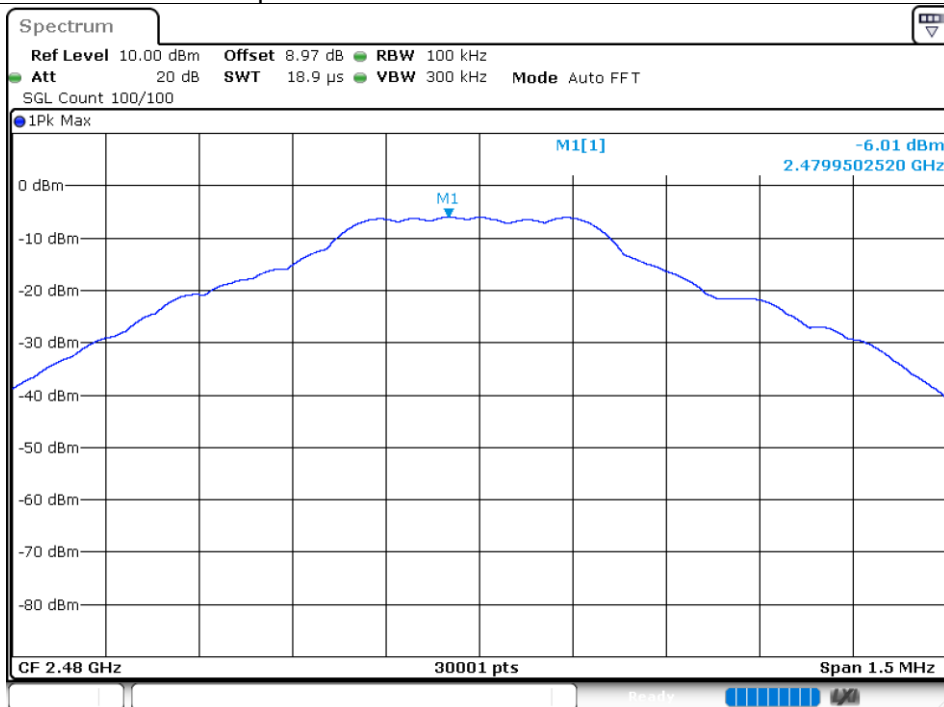
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



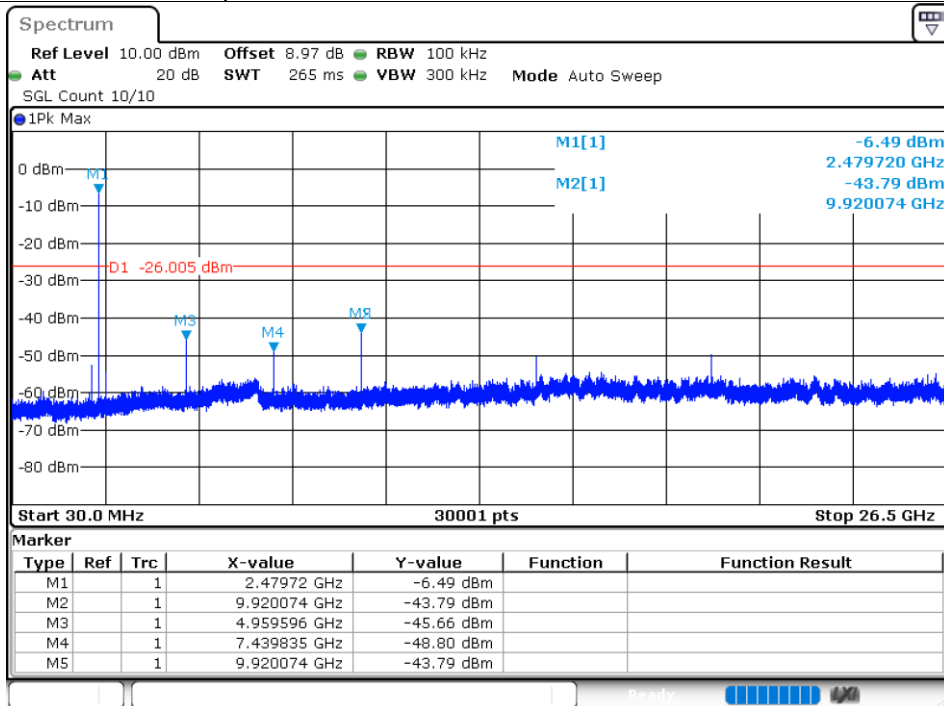
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



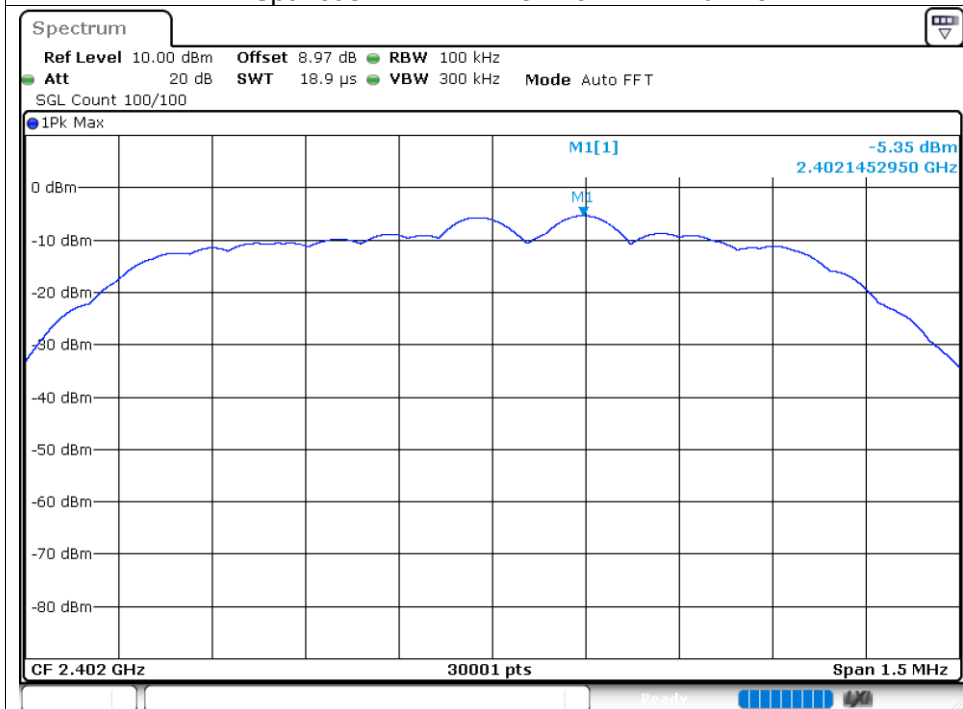
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



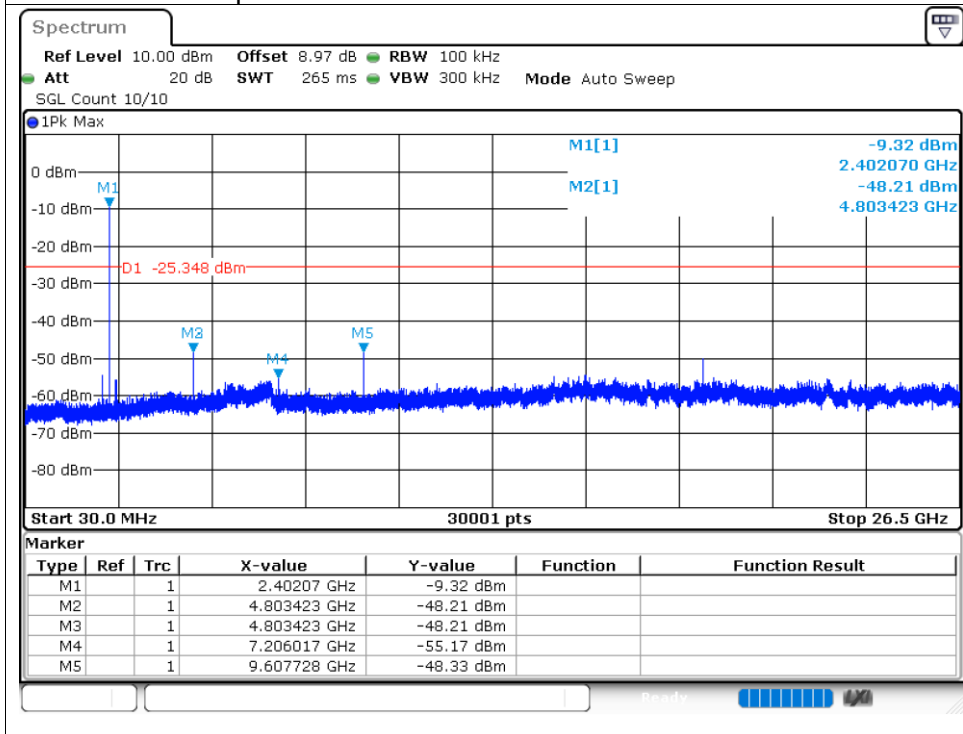
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



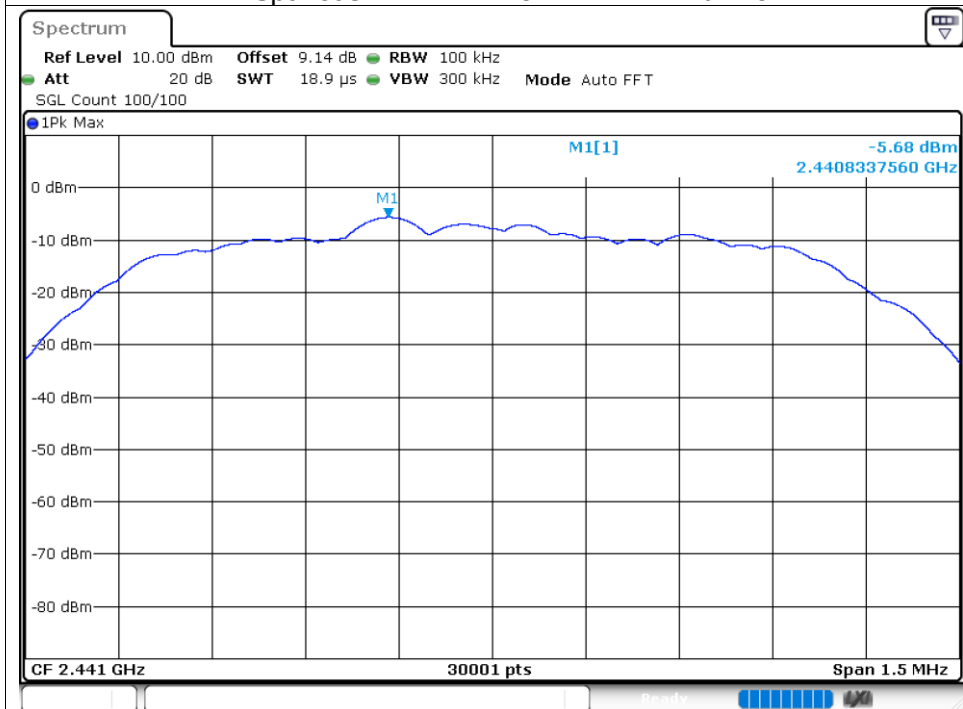
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



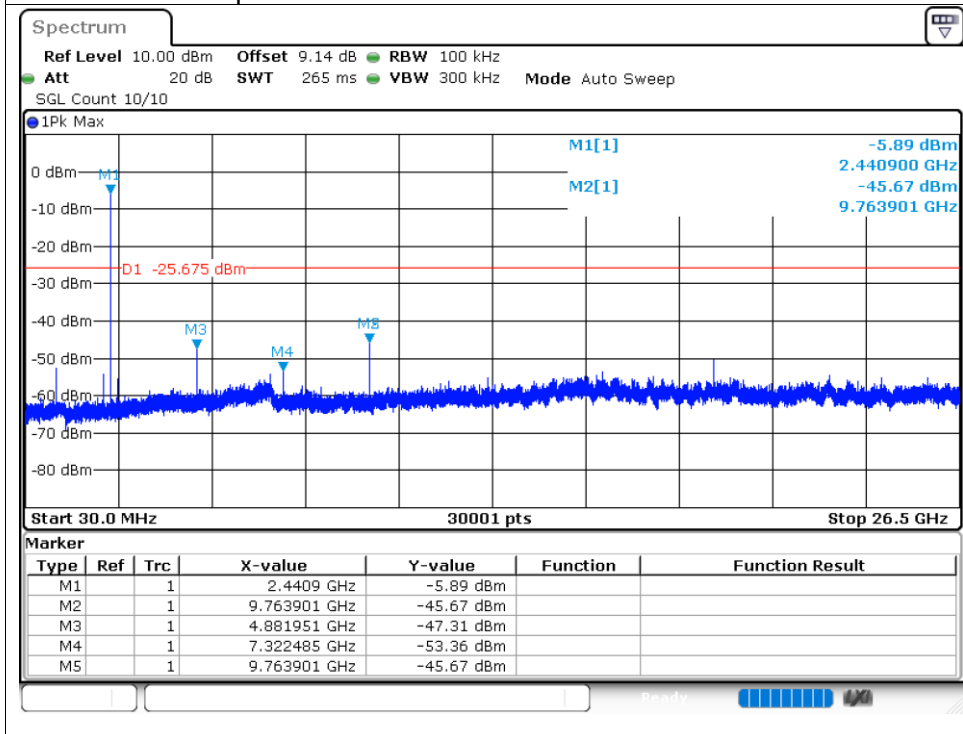
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



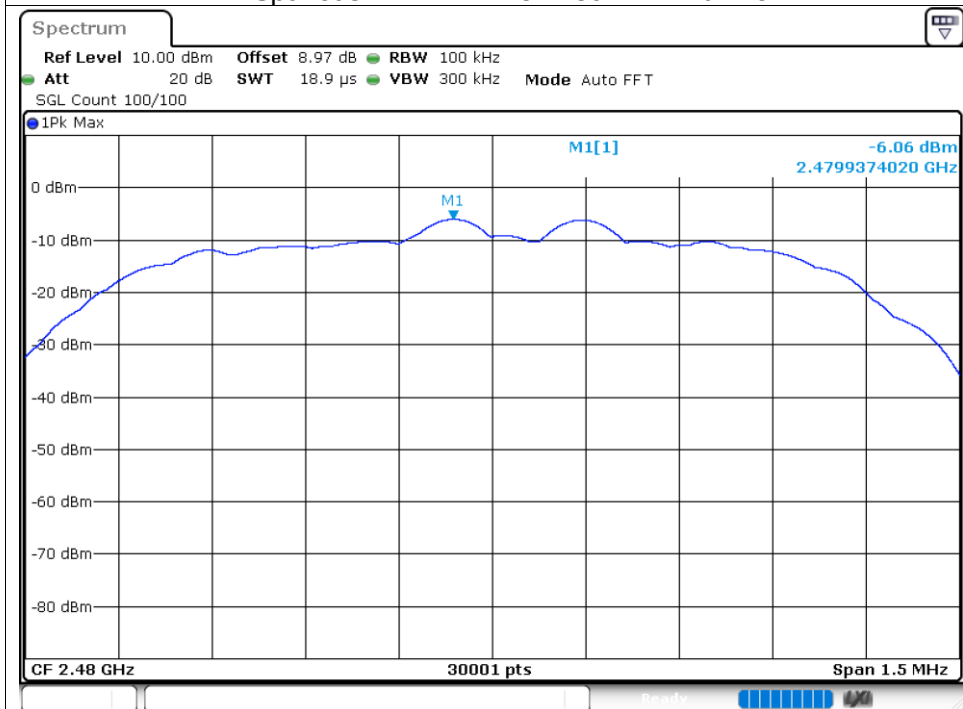
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



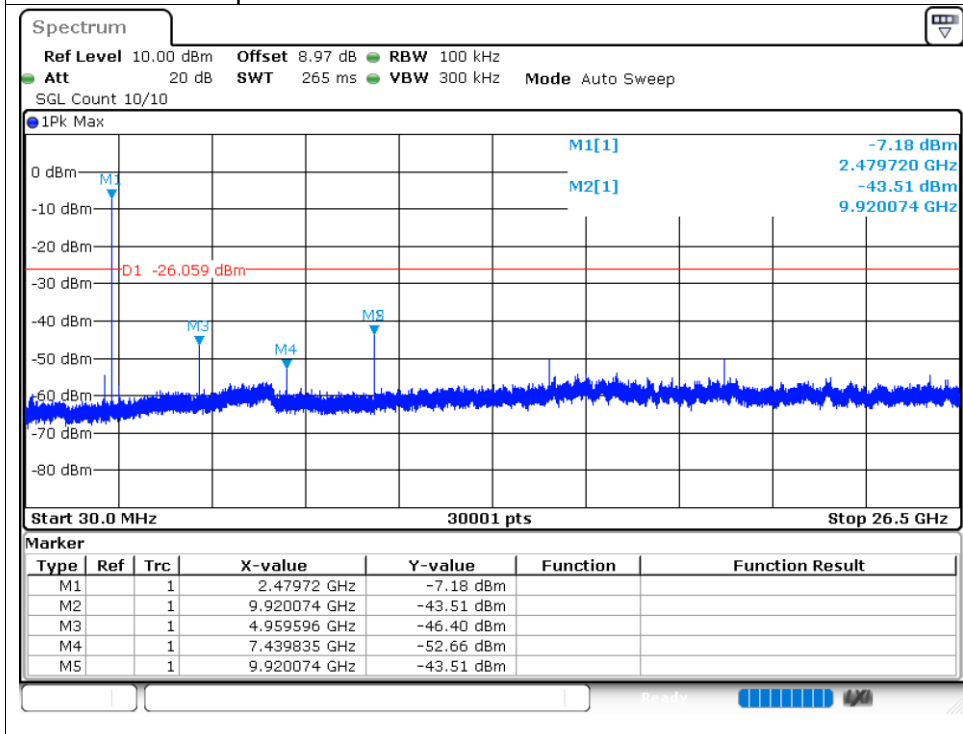
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



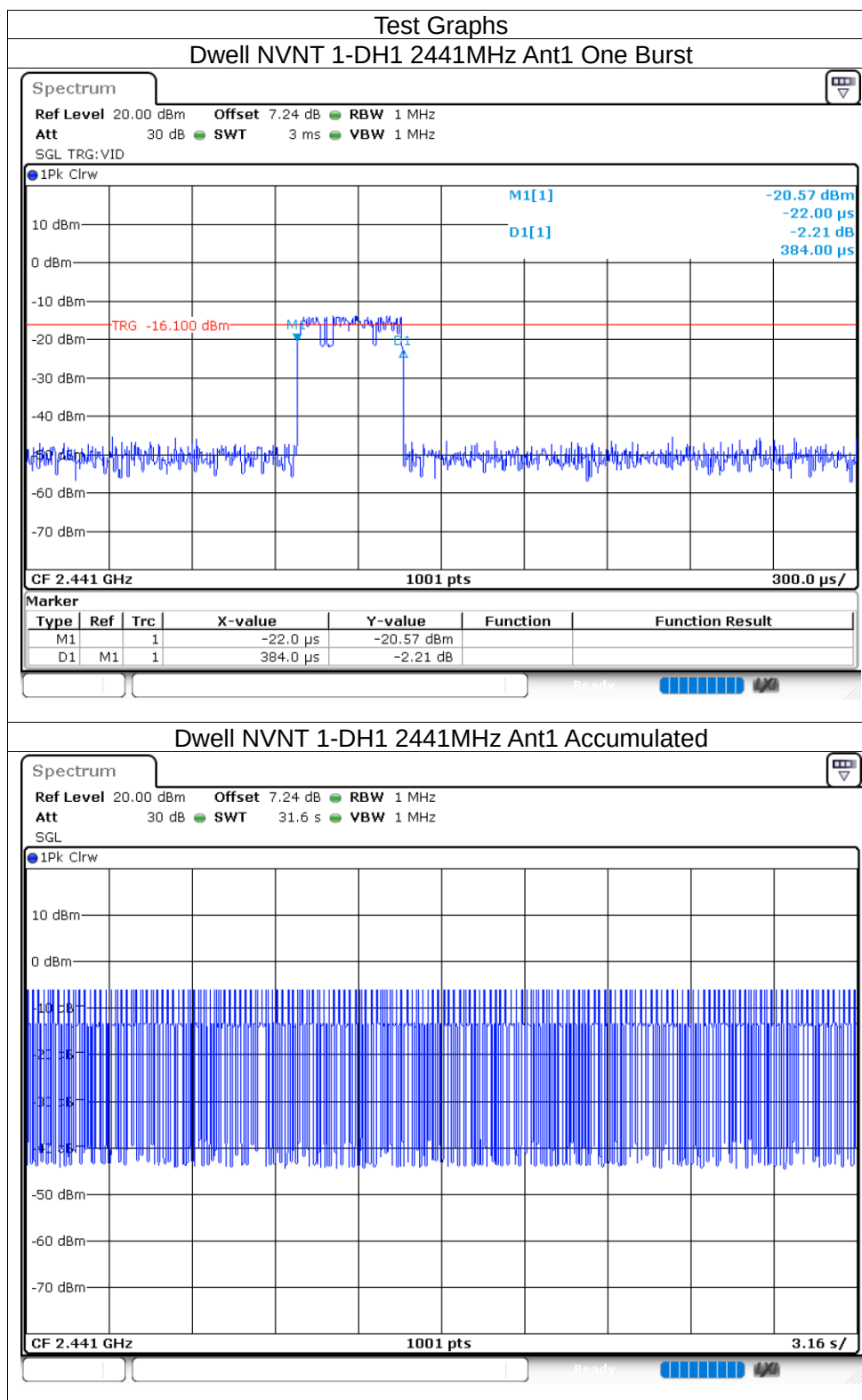
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



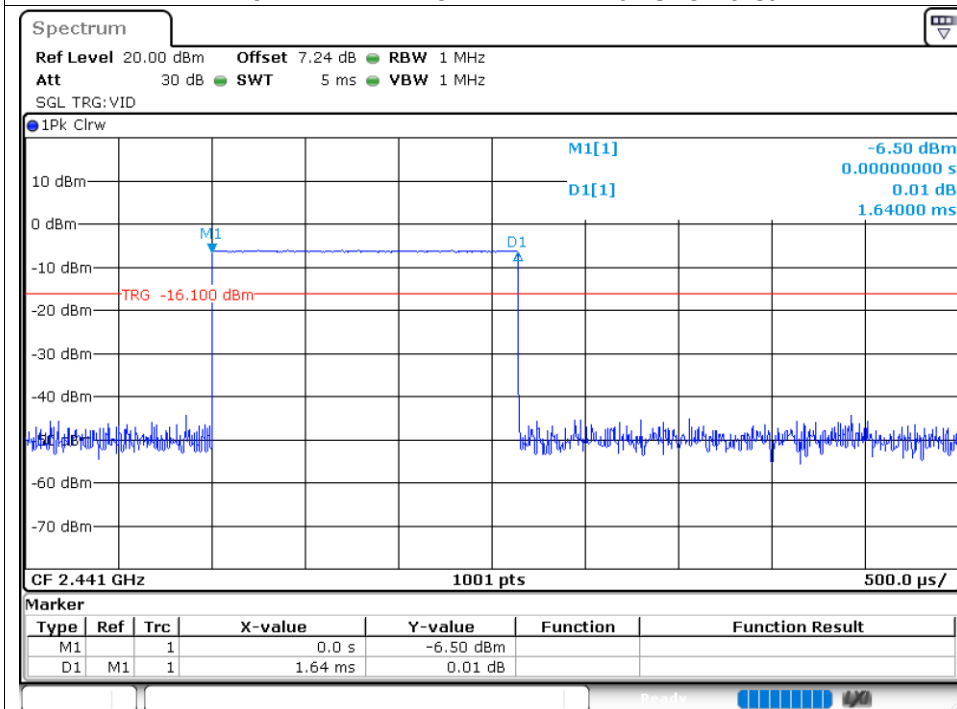
RIGHT:

8.1.10 Dwell Time

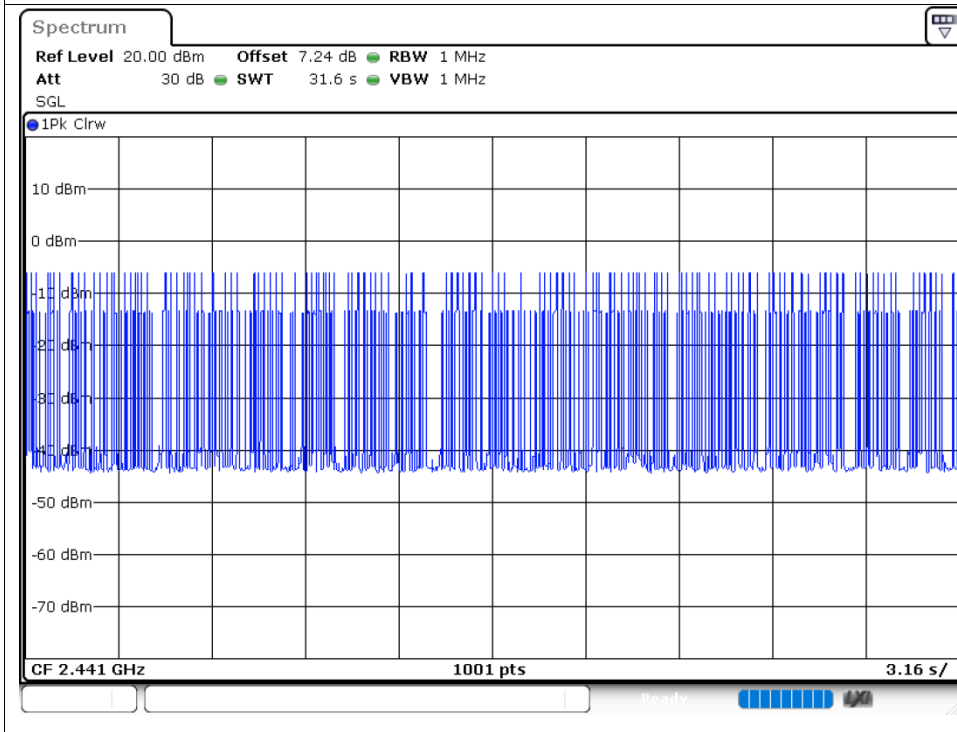
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.384	84.864	221	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.64	224.68	137	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.888	257.032	89	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.393	86.853	221	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.645	222.075	135	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.896	240.368	83	31600	400	Pass



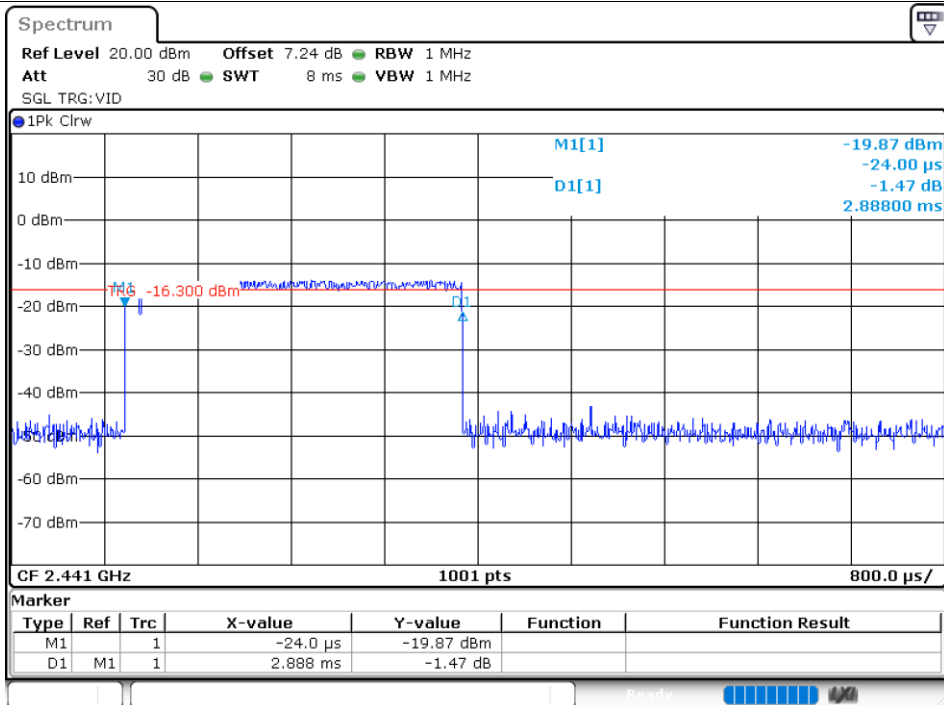
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



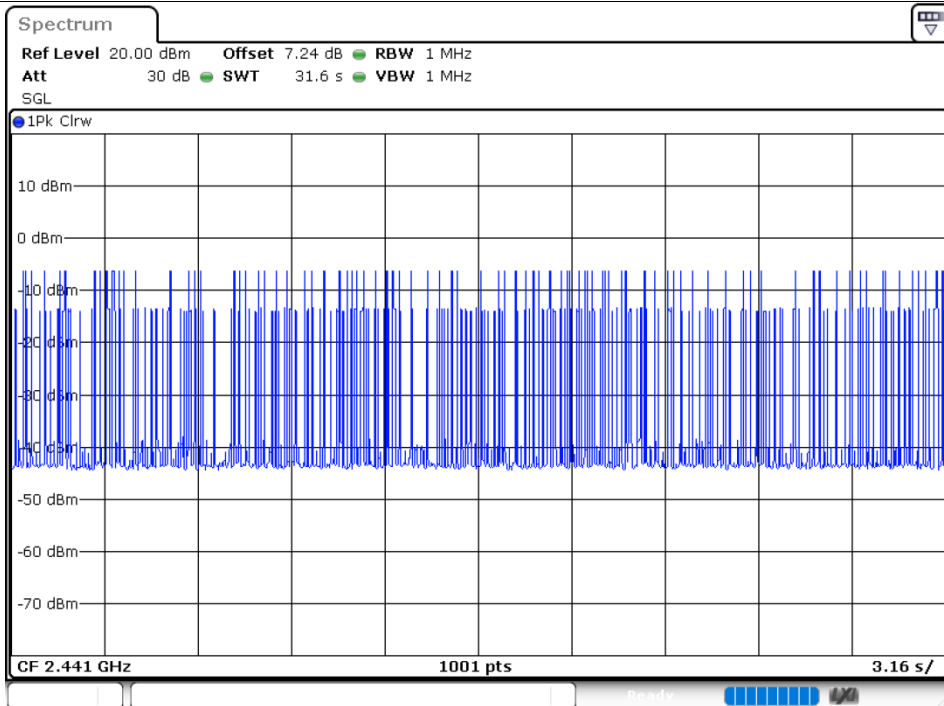
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



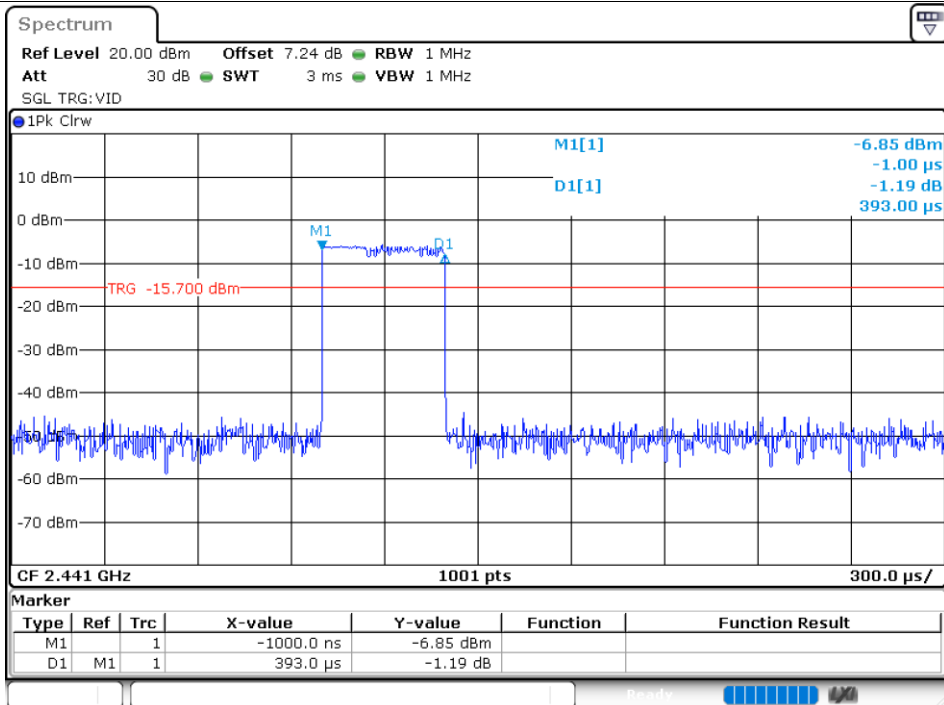
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



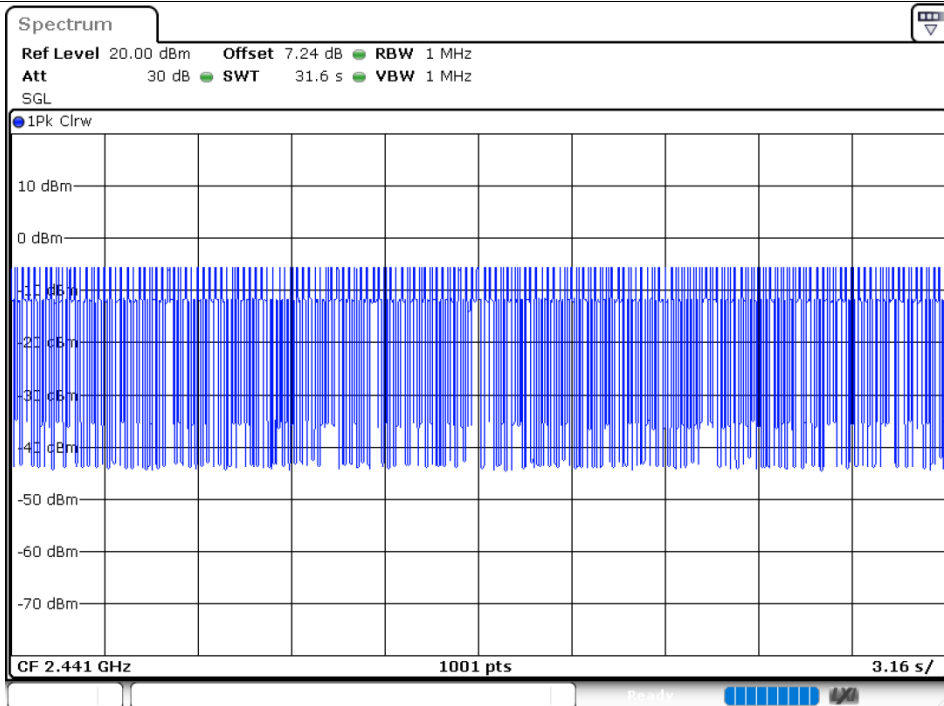
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



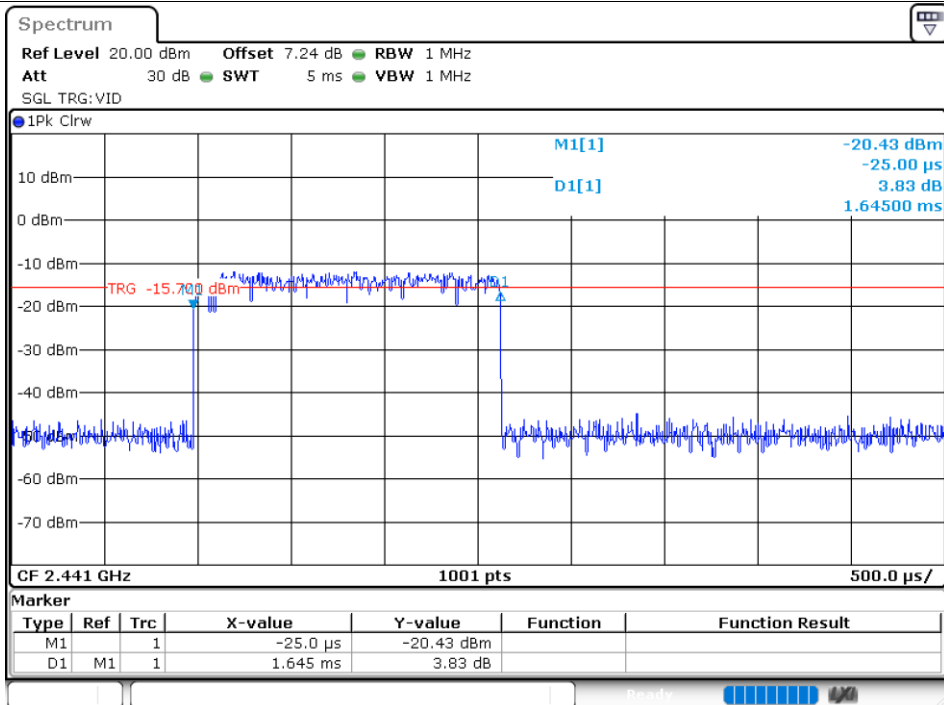
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



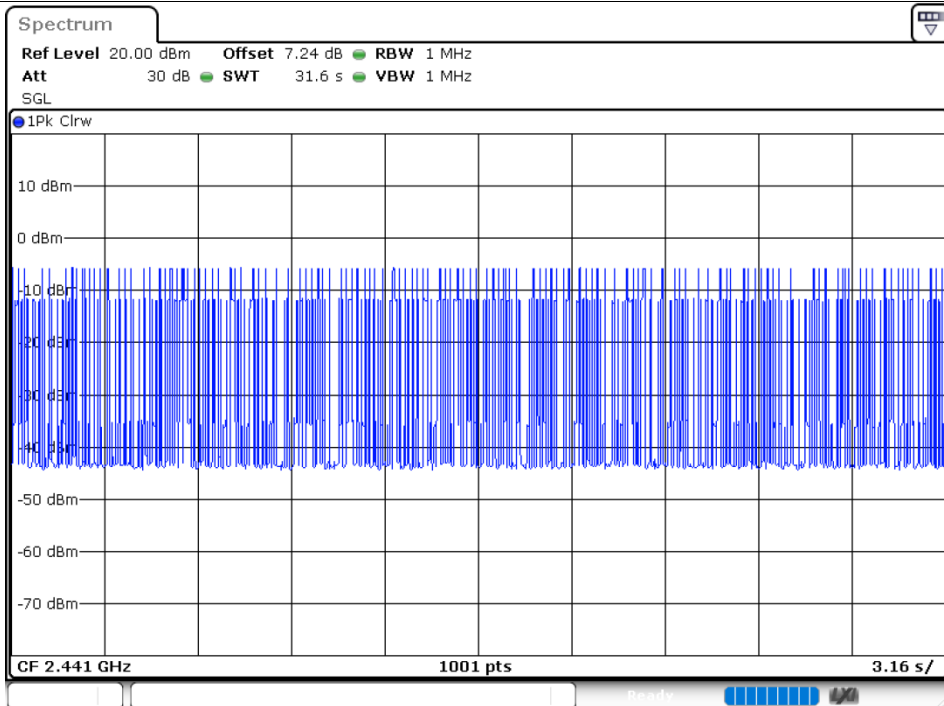
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



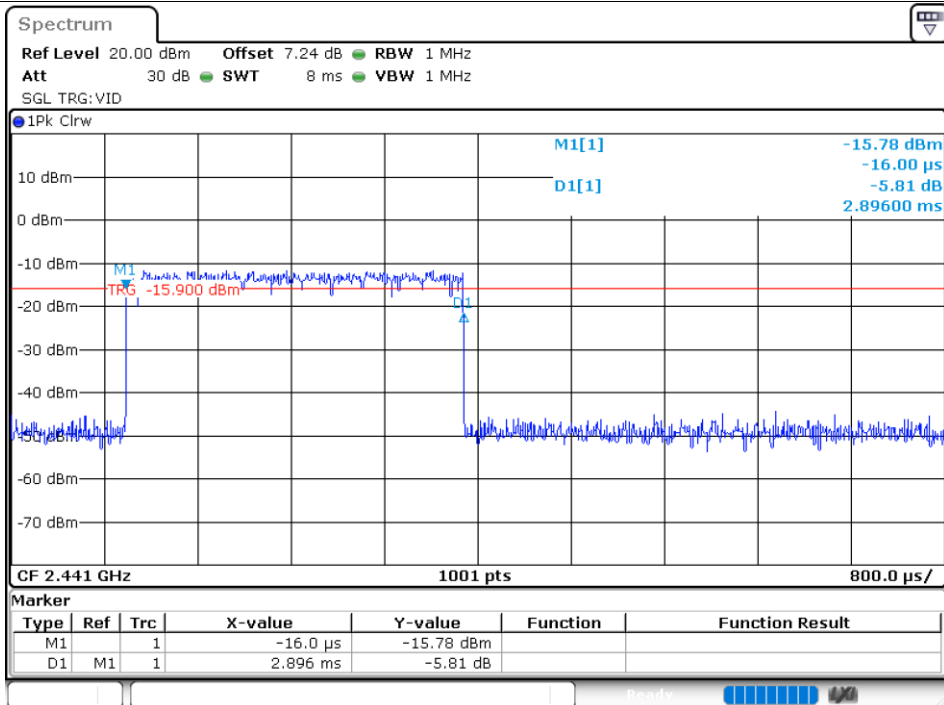
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



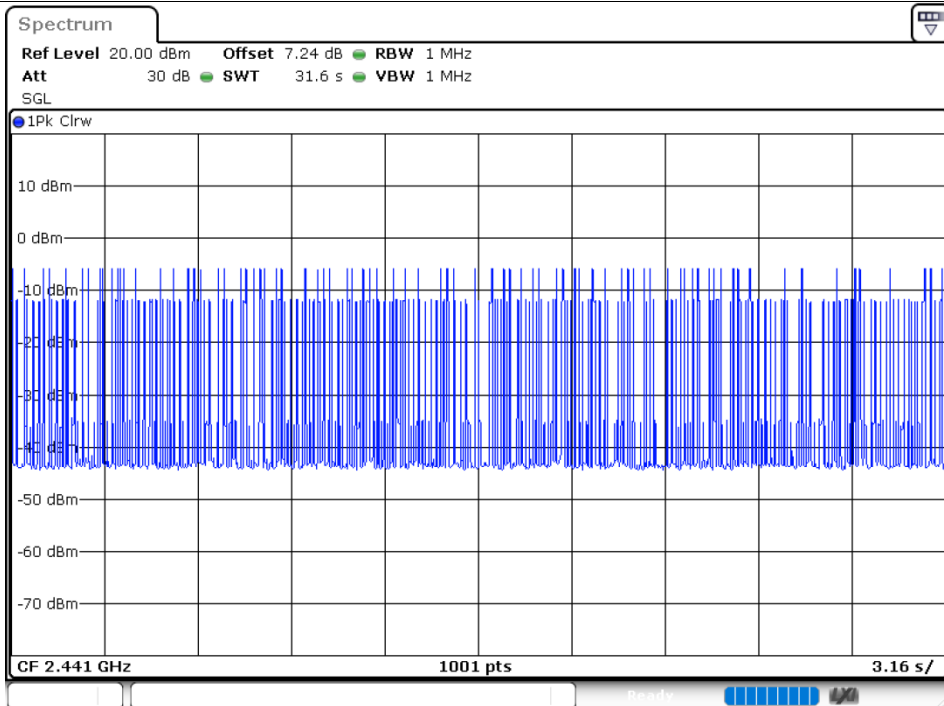
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

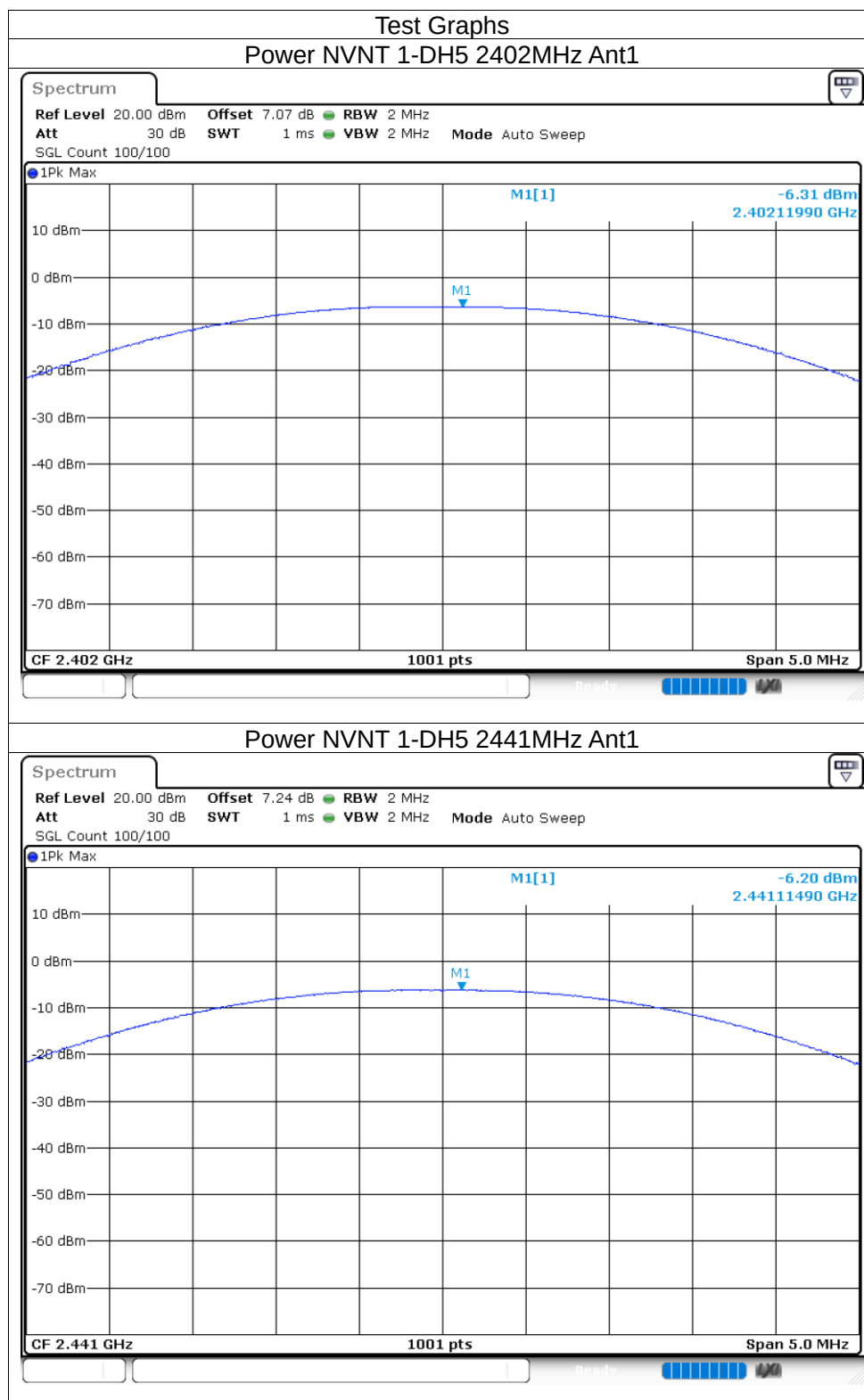


Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

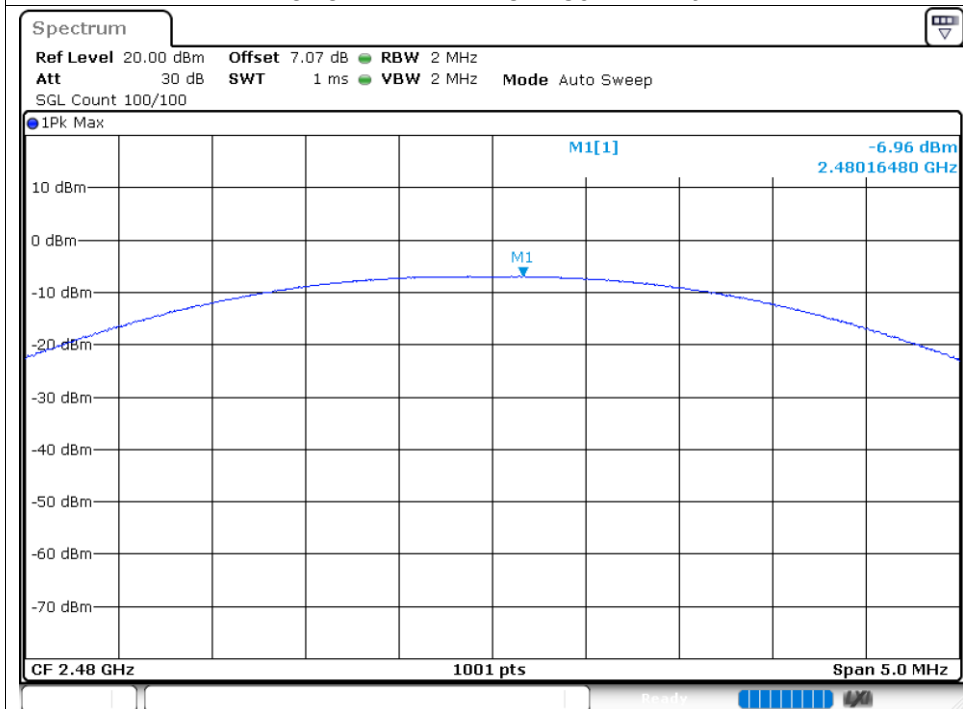


8.1.11 Maximum Conducted Output Power

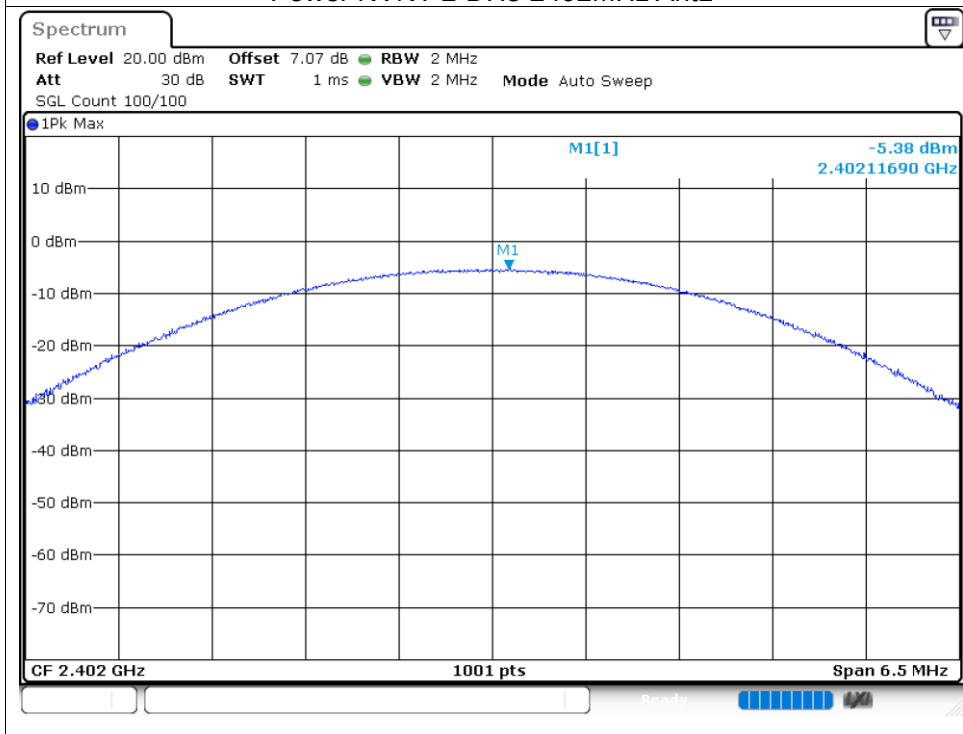
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-6.31	21	Pass
NVNT	1-DH5	2441	Ant1	-6.2	21	Pass
NVNT	1-DH5	2480	Ant1	-6.96	21	Pass
NVNT	2-DH5	2402	Ant1	-5.38	21	Pass
NVNT	2-DH5	2441	Ant1	-5.35	21	Pass
NVNT	2-DH5	2480	Ant1	-6.03	21	Pass



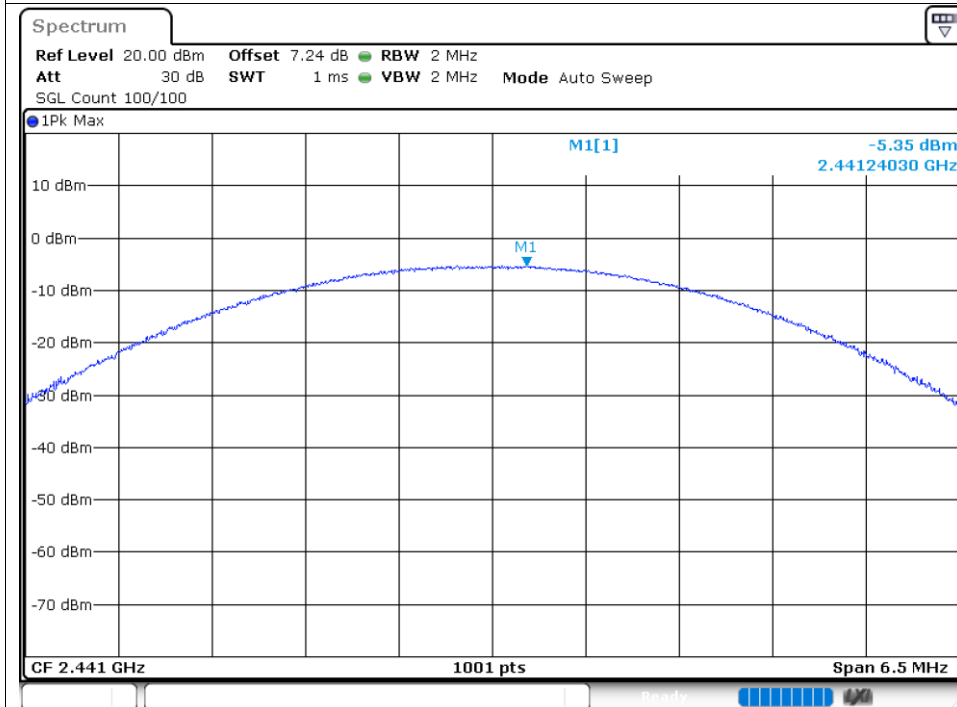
Power NVNT 1-DH5 2480MHz Ant1



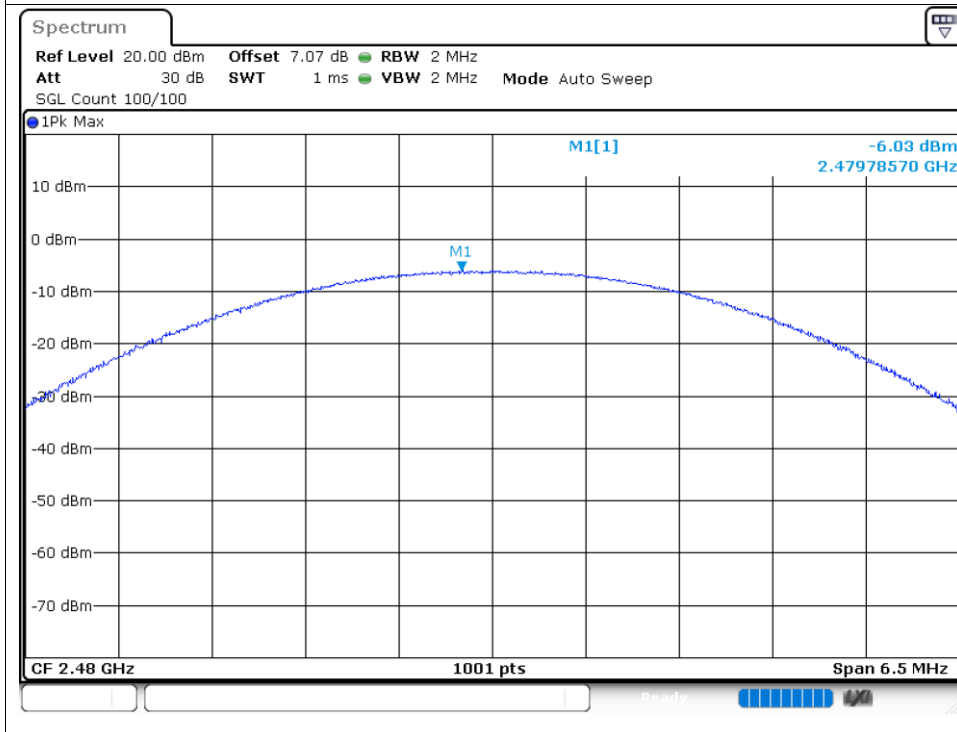
Power NVNT 2-DH5 2402MHz Ant1



Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 2-DH5 2480MHz Ant1



8.1.12 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.02	Pass
NVNT	1-DH5	2441	Ant1	0.988	Pass
NVNT	1-DH5	2480	Ant1	0.996	Pass
NVNT	2-DH5	2402	Ant1	1.292	Pass
NVNT	2-DH5	2441	Ant1	1.316	Pass
NVNT	2-DH5	2480	Ant1	1.234	Pass

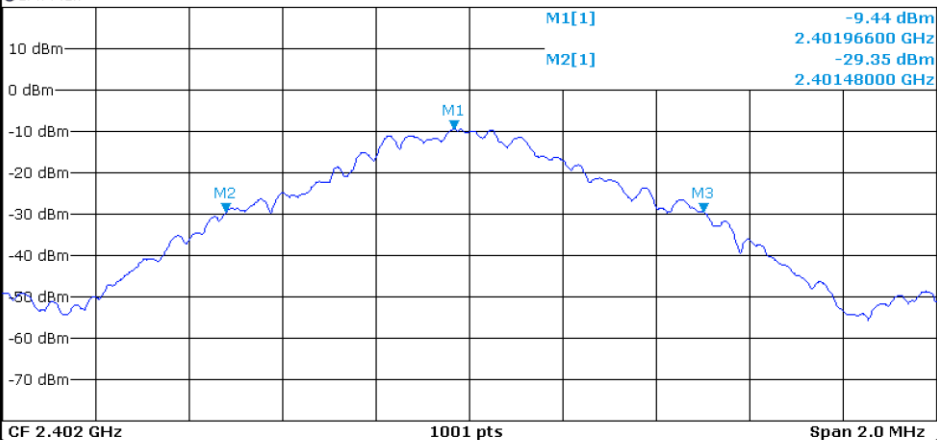
Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 30 kHz
Att 30 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

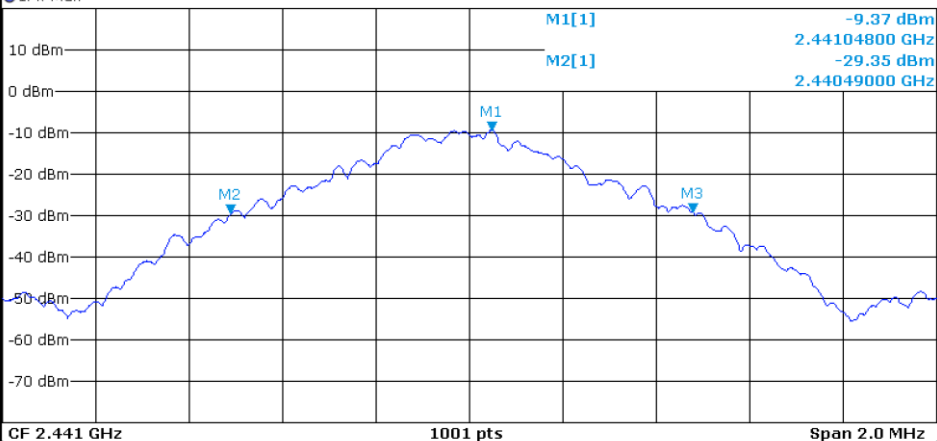
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	2.401966 GHz	-9.44 dBm		
M2	1	1	2.40148 GHz	-29.35 dBm		
M3	1	1	2.4025 GHz	-29.38 dBm		

-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.24 dB RBW 30 kHz
Att 30 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

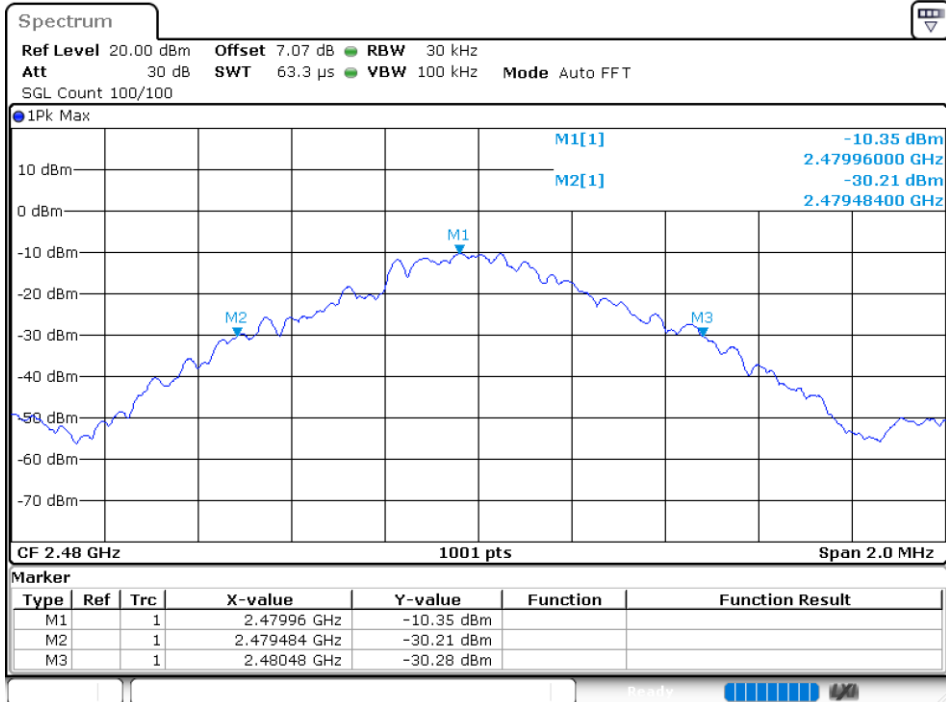
1Pk Max



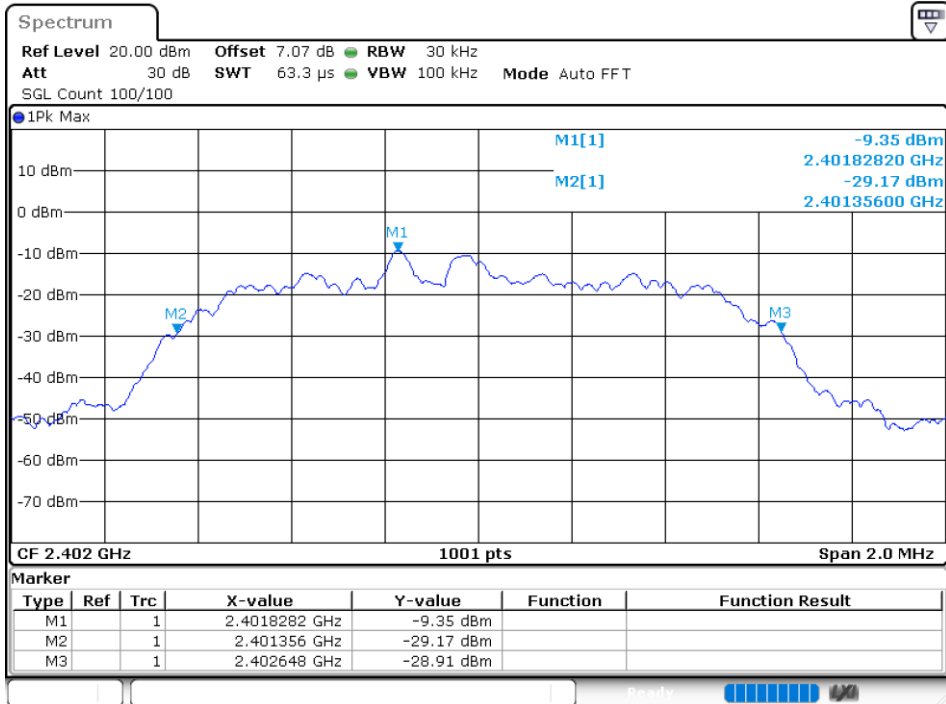
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	2.441048 GHz	-9.37 dBm		
M2	1	1	2.44049 GHz	-29.35 dBm		
M3	1	1	2.441478 GHz	-29.25 dBm		

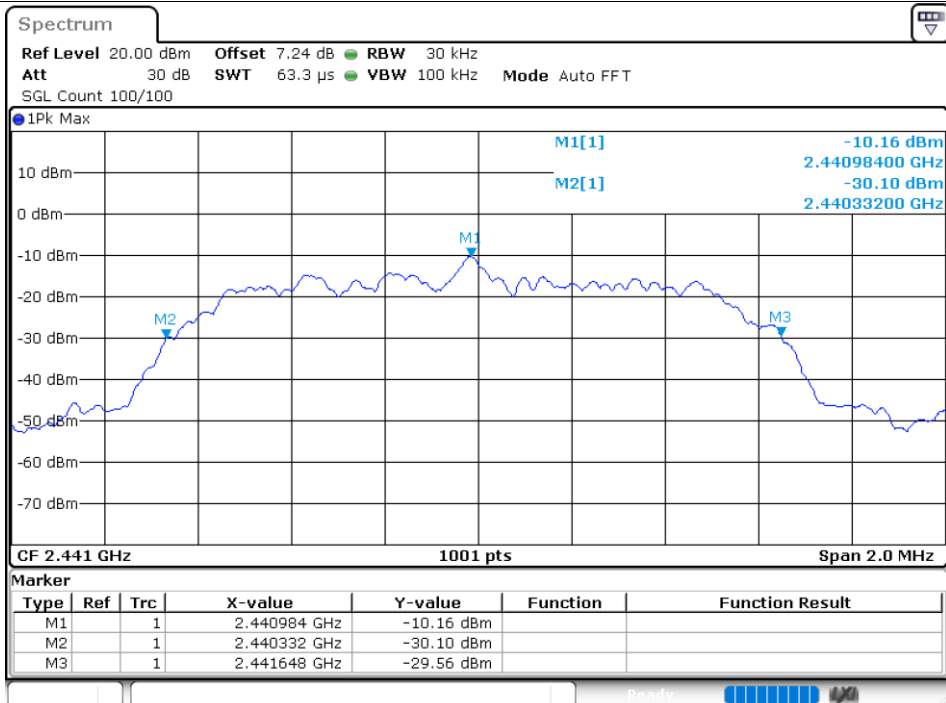
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



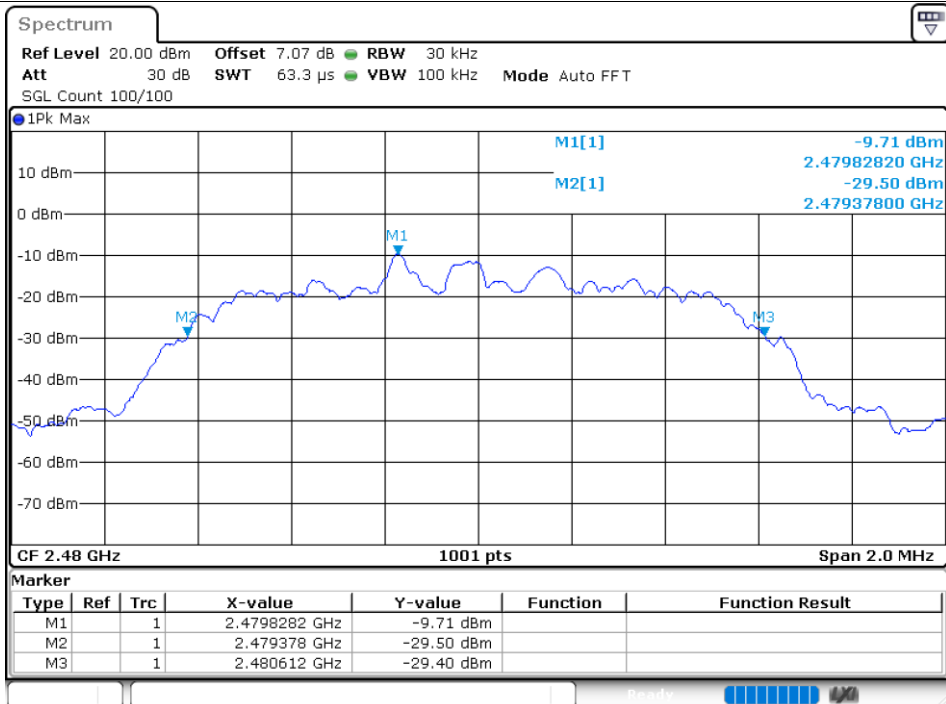
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



8.1.13 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.901
NVNT	1-DH5	2441	Ant1	0.887
NVNT	1-DH5	2480	Ant1	0.903
NVNT	2-DH5	2402	Ant1	1.195
NVNT	2-DH5	2441	Ant1	1.189
NVNT	2-DH5	2480	Ant1	1.191

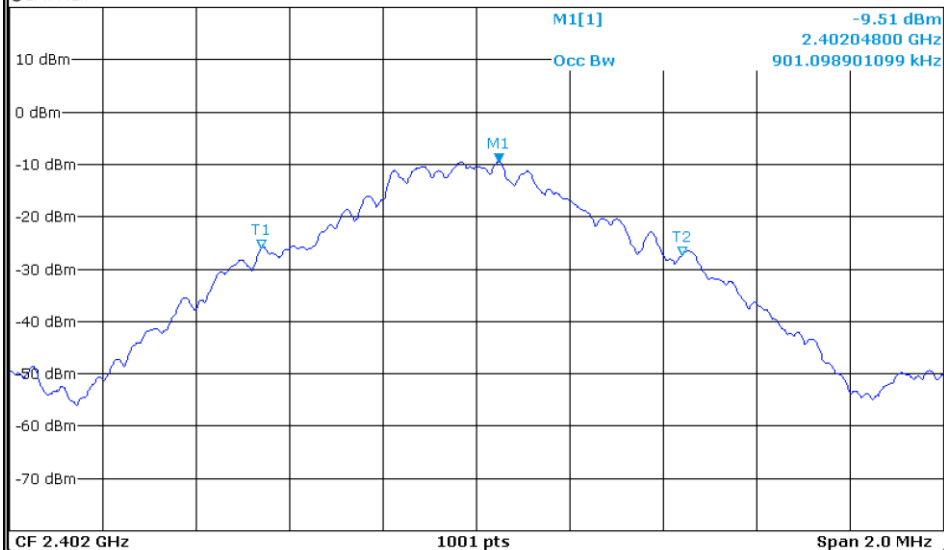
Test Graphs

OBW NVNT 1-DH5 2402MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 30 kHz
Att 30 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

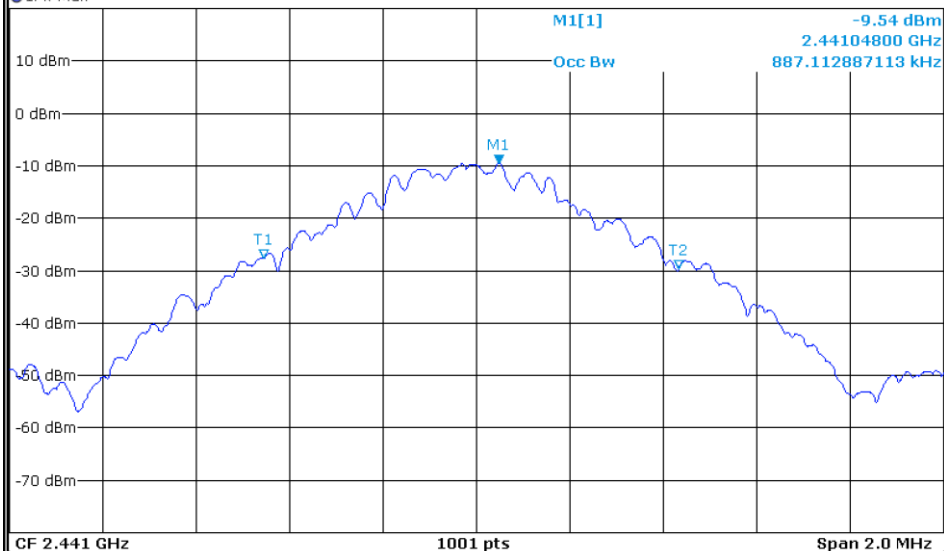


OBW NVNT 1-DH5 2441MHz Ant1

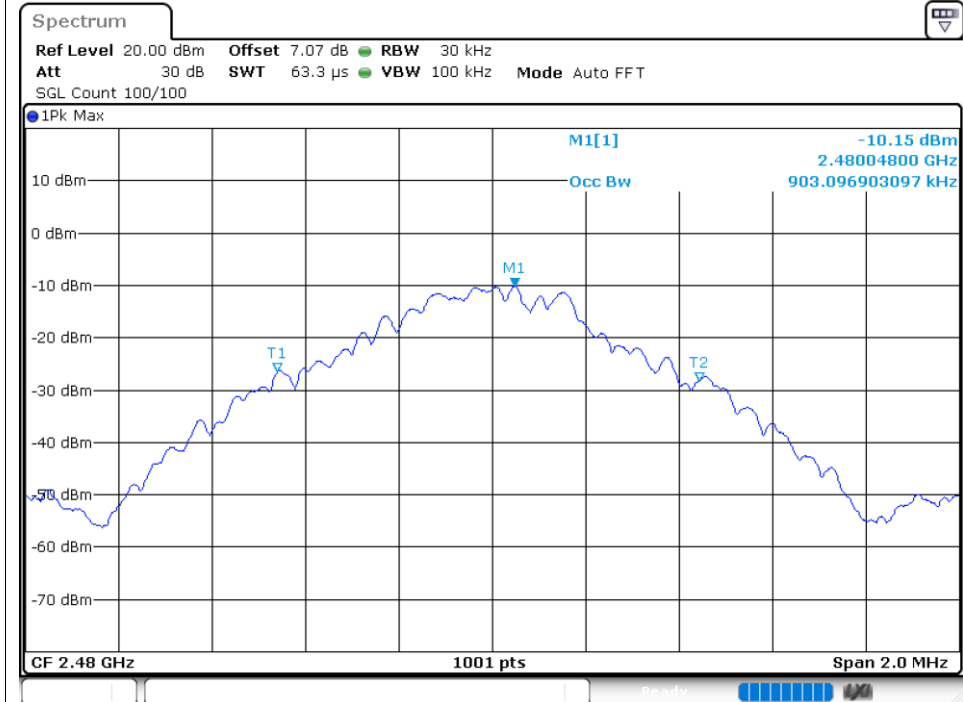
Spectrum

Ref Level 20.00 dBm Offset 7.24 dB RBW 30 kHz
Att 30 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

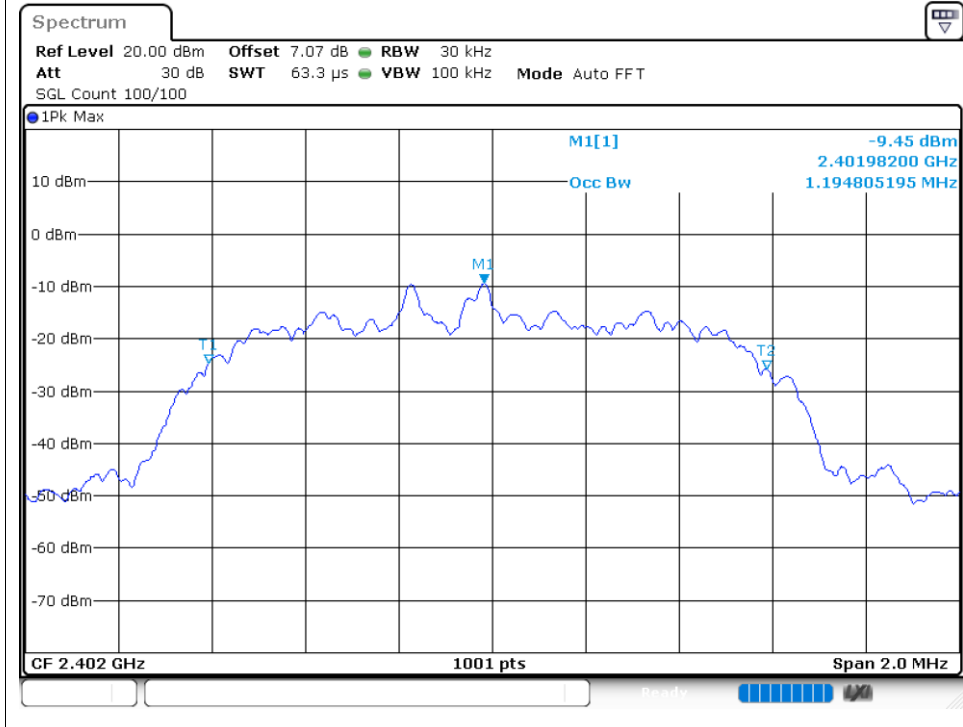
1Pk Max



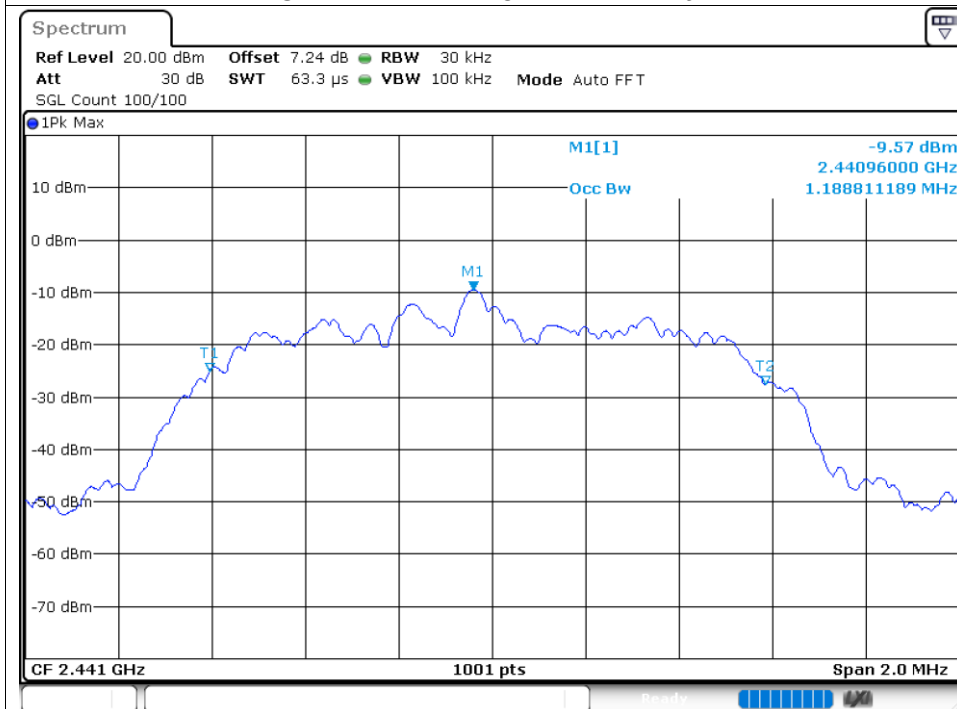
OBW NVNT 1-DH5 2480MHz Ant1



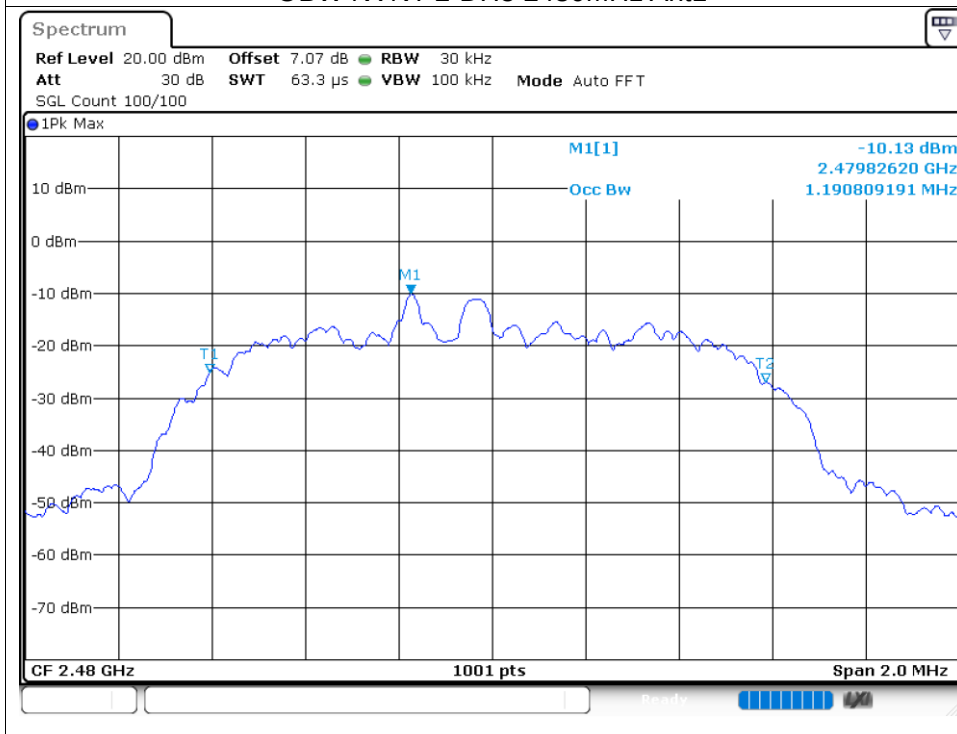
OBW NVNT 2-DH5 2402MHz Ant1



OBW NVNT 2-DH5 2441MHz Ant1



OBW NVNT 2-DH5 2480MHz Ant1

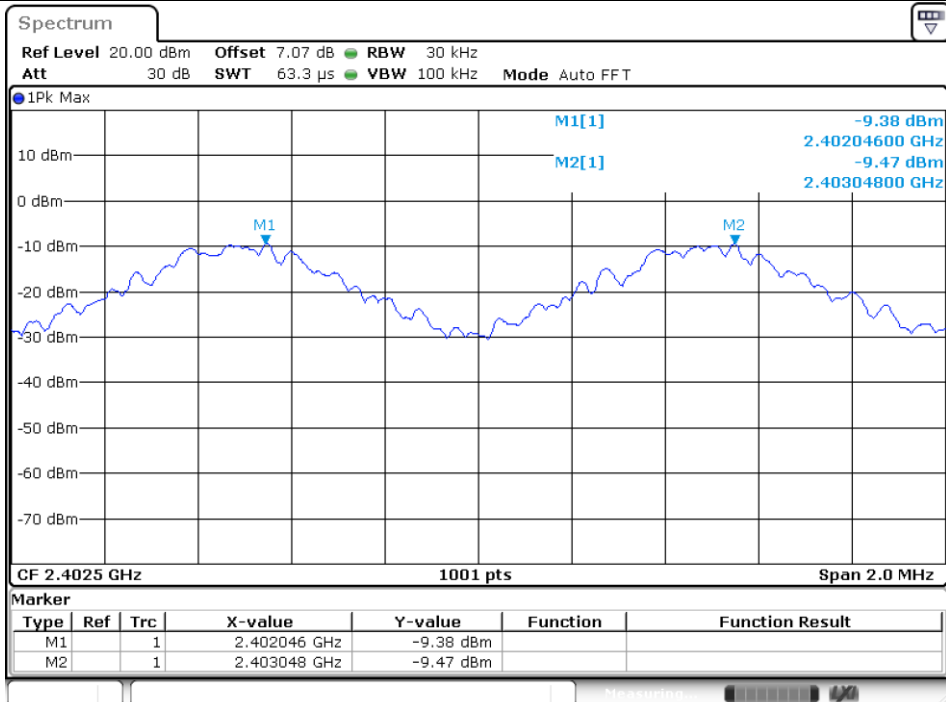


8.1.14 Carrier Frequencies Separation

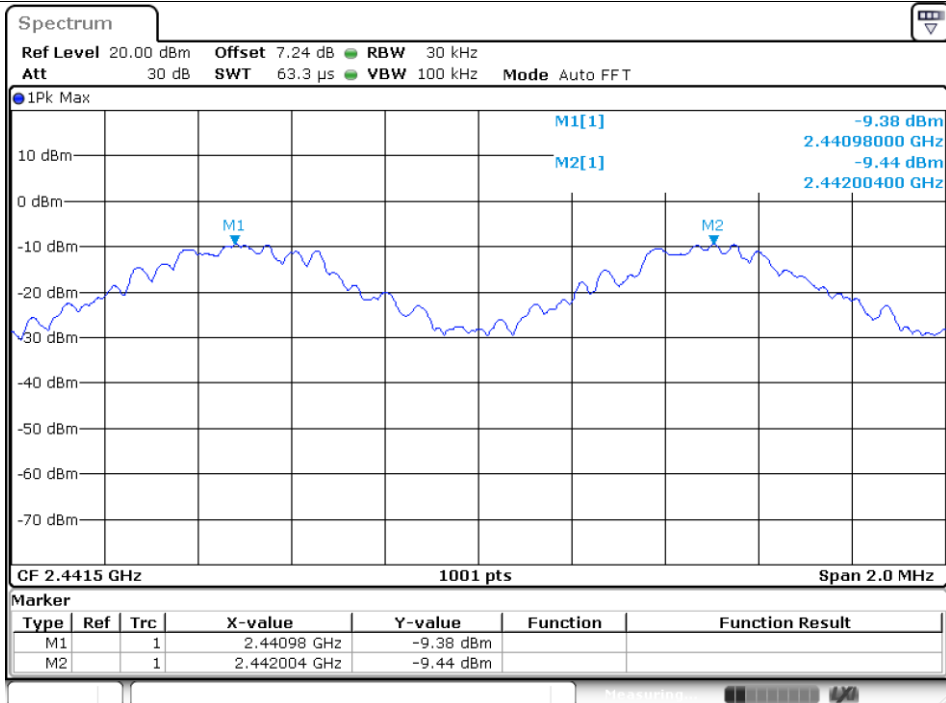
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.046	2403.048	1.002	0.68	Pass
NVNT	1-DH5	Ant1	2440.98	2442.004	1.024	0.659	Pass
NVNT	1-DH5	Ant1	2479.048	2480.05	1.002	0.664	Pass
NVNT	2-DH5	Ant1	2402.004	2403.006	1.002	0.861	Pass
NVNT	2-DH5	Ant1	2441.004	2442.004	1	0.877	Pass
NVNT	2-DH5	Ant1	2479.067	2480.003	0.936	0.823	Pass

Test Graphs

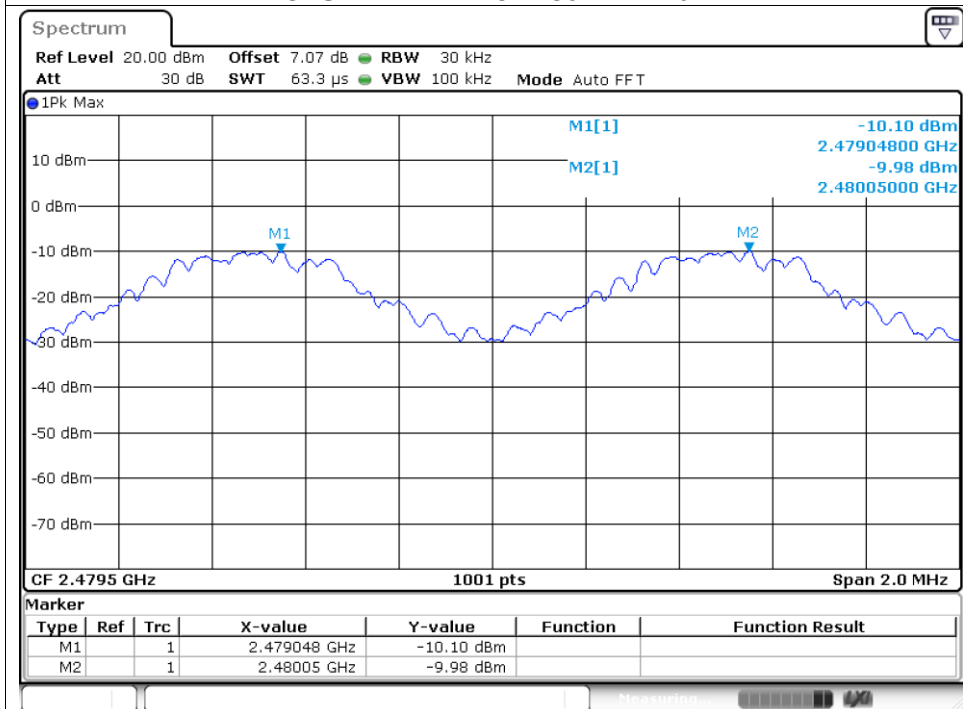
CFS NVNT 1-DH5 2402MHz Ant1



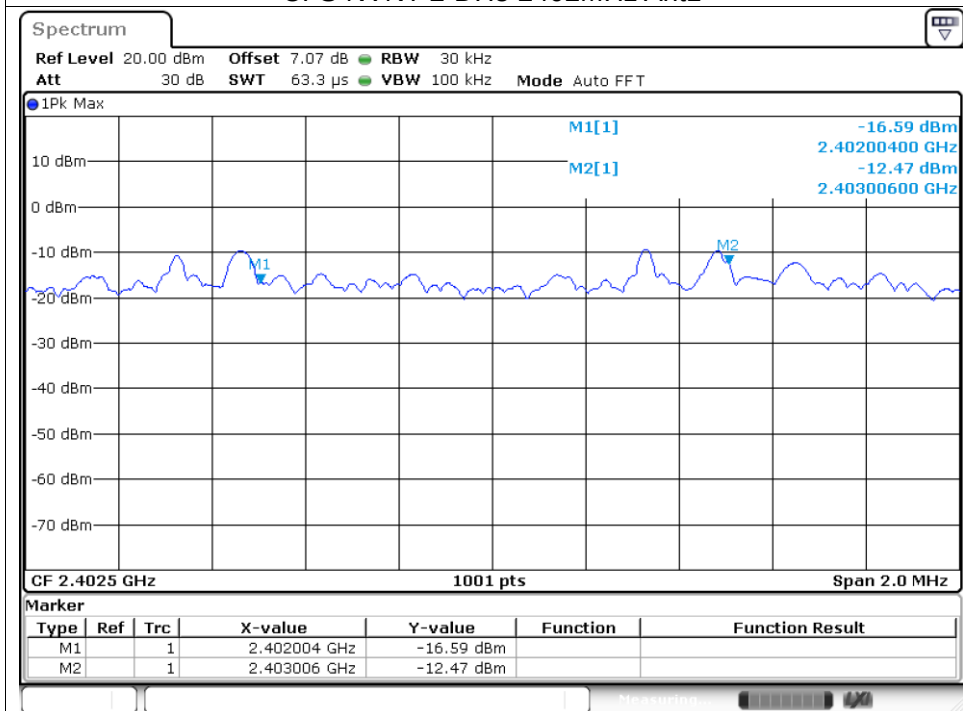
CFS NVNT 1-DH5 2441MHz Ant1



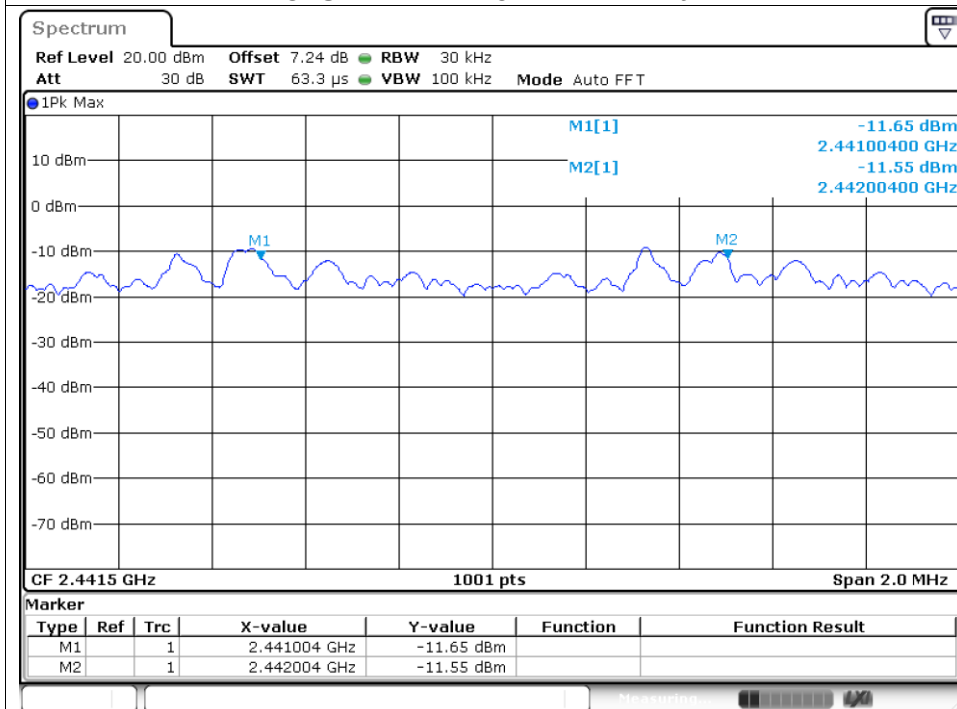
CFS NVNT 1-DH5 2480MHz Ant1



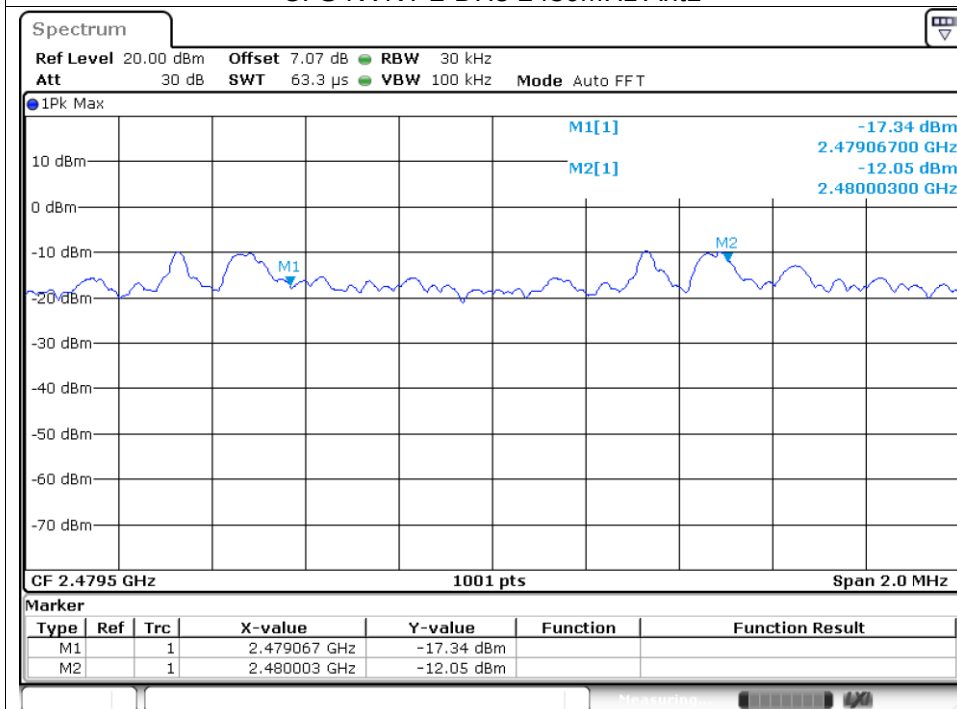
CFS NVNT 2-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2441MHz Ant1



CFS NVNT 2-DH5 2480MHz Ant1

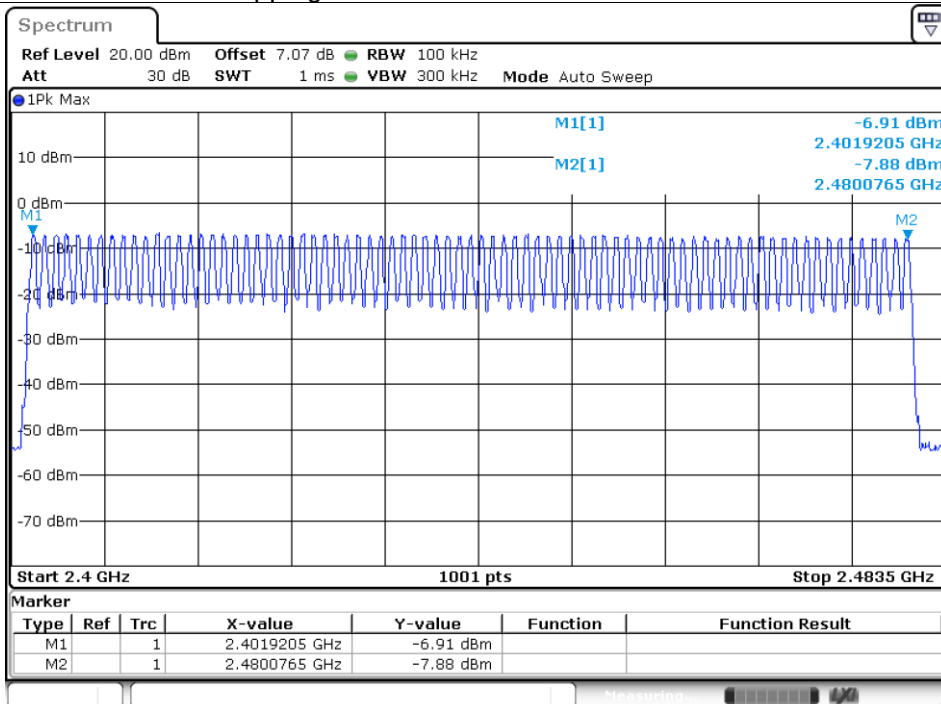


8.1.15 Number of Hopping Channel

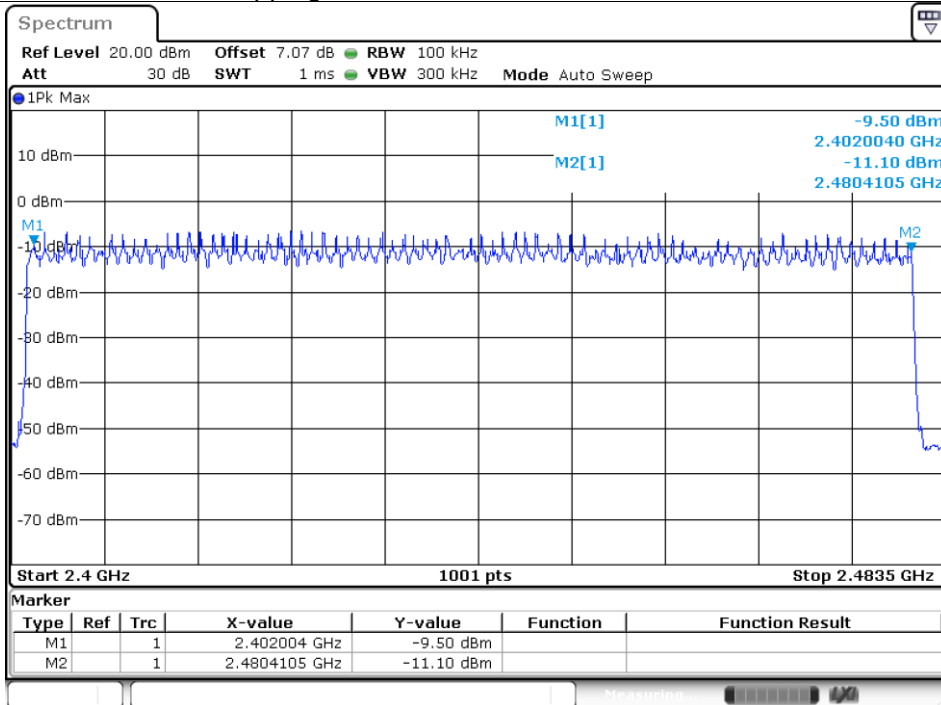
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass

Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

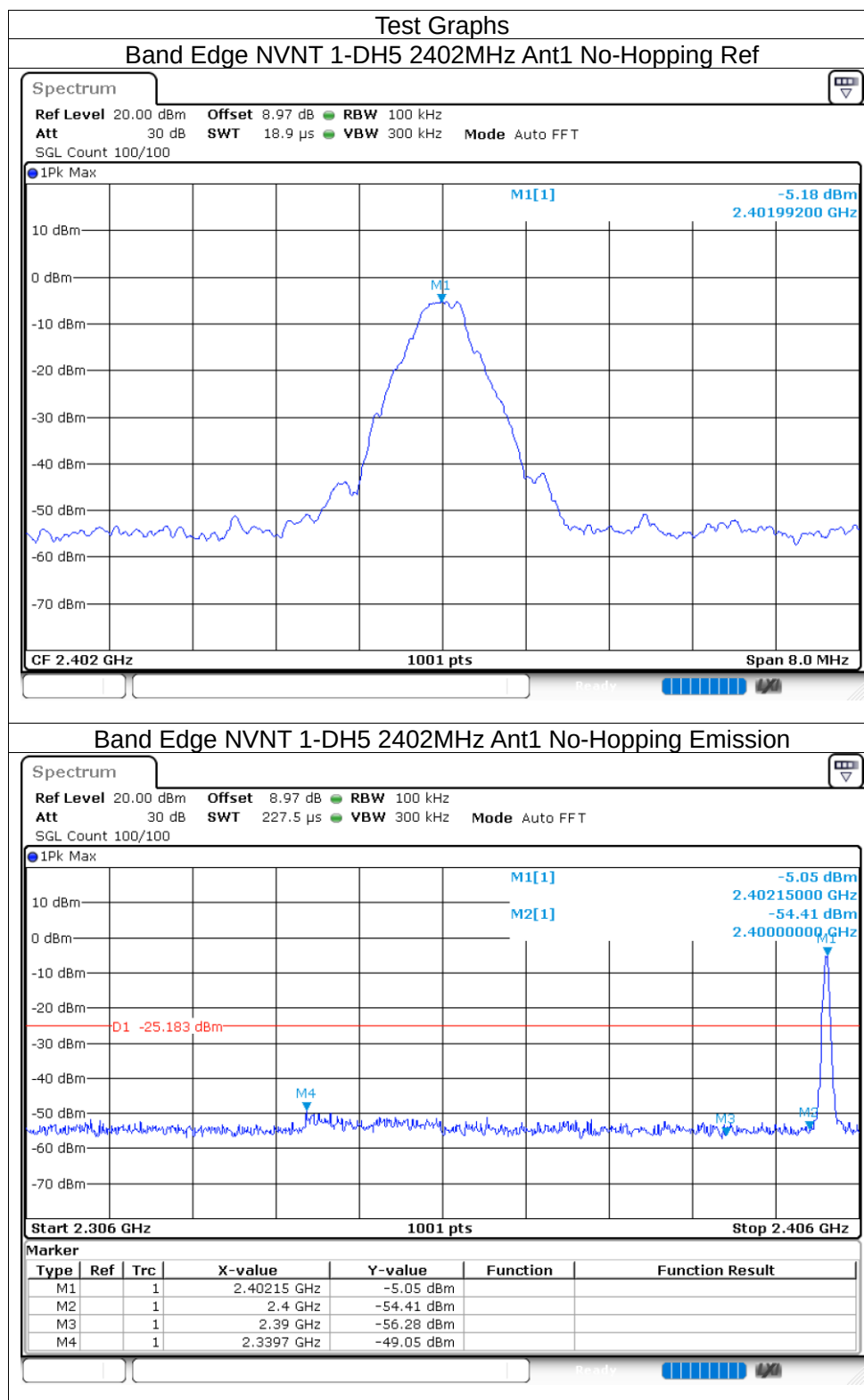


Hopping No. NVNT 2-DH5 2402MHz Ant1



8.1.16 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-43.87	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-45.62	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-45.49	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-44.91	-20	Pass

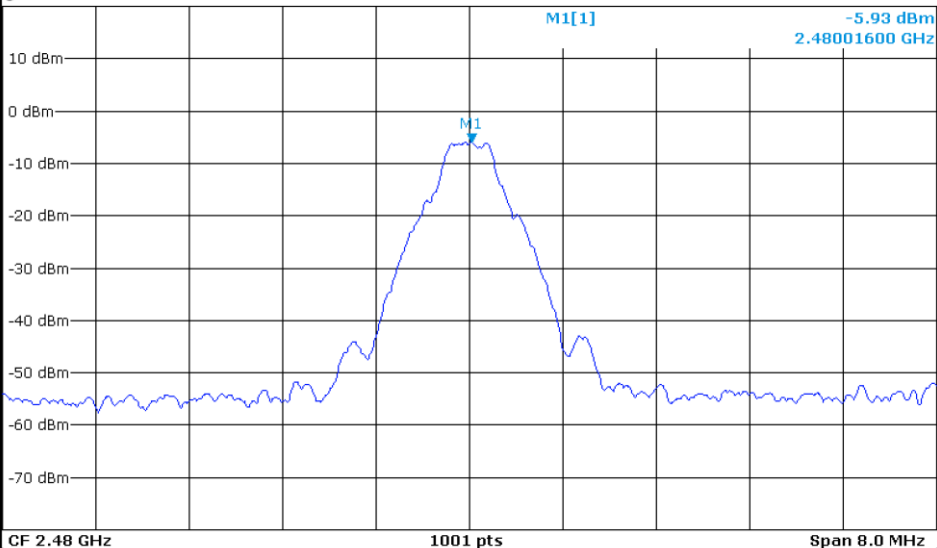


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

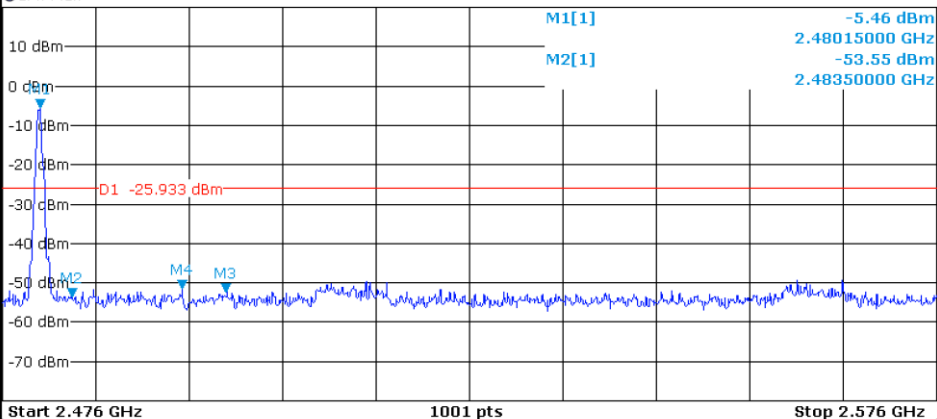


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

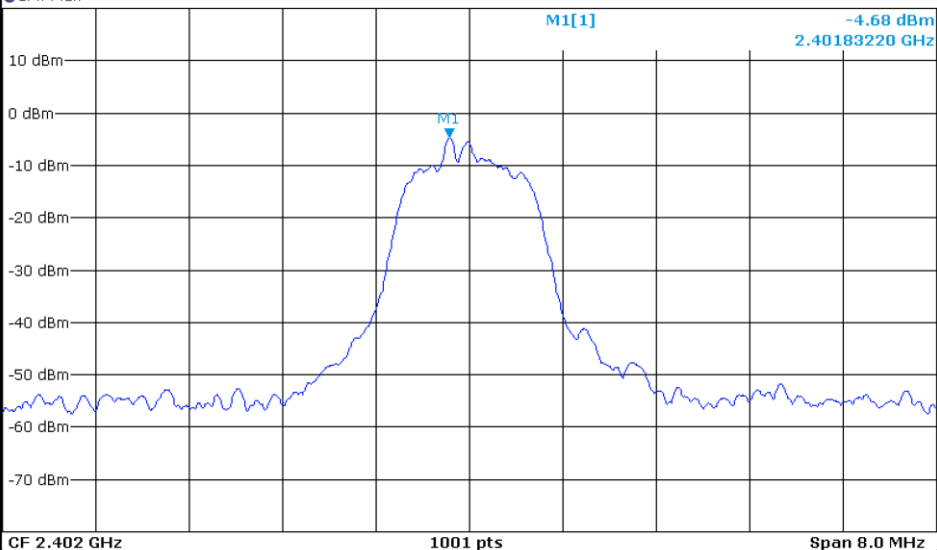
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.48015 GHz	-5.46 dBm		
M2	1		2.4835 GHz	-53.55 dBm		
M3	1		2.5 GHz	-52.23 dBm		
M4	1		2.4953 GHz	-51.55 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

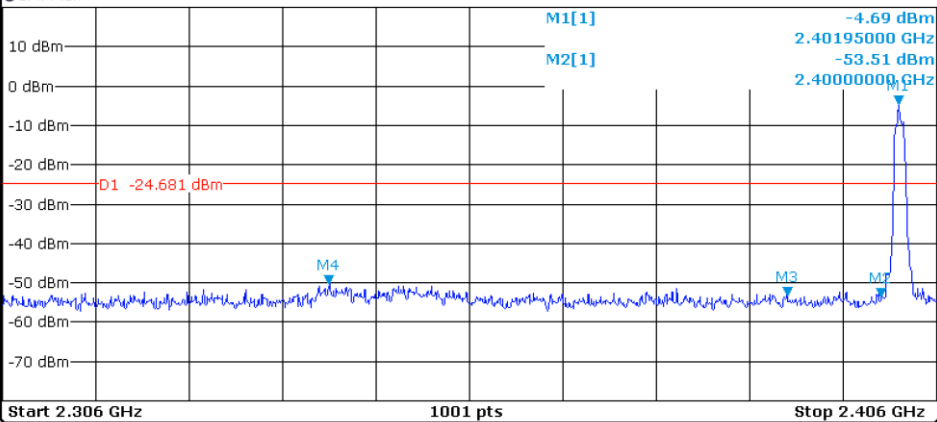


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

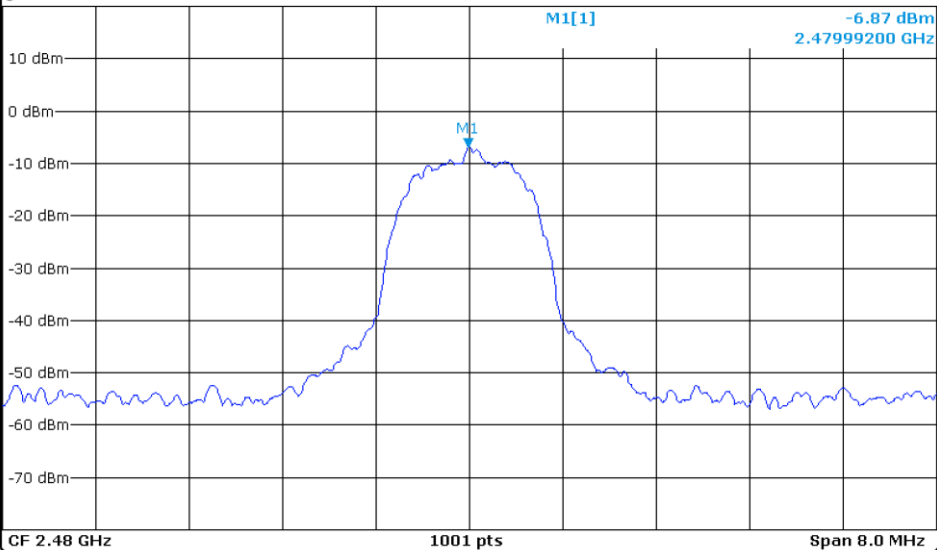
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40195 GHz	-4.69 dBm		
M2		1	2.4 GHz	-53.51 dBm		
M3		1	2.39 GHz	-53.19 dBm		
M4		1	2.341 GHz	-50.18 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

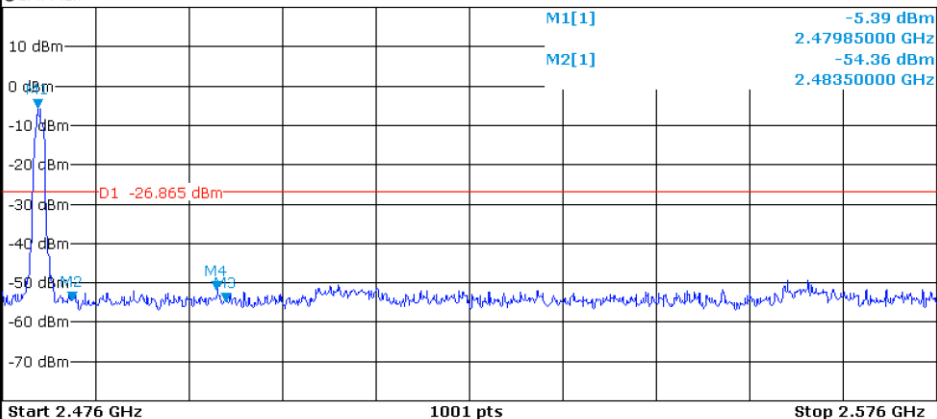


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

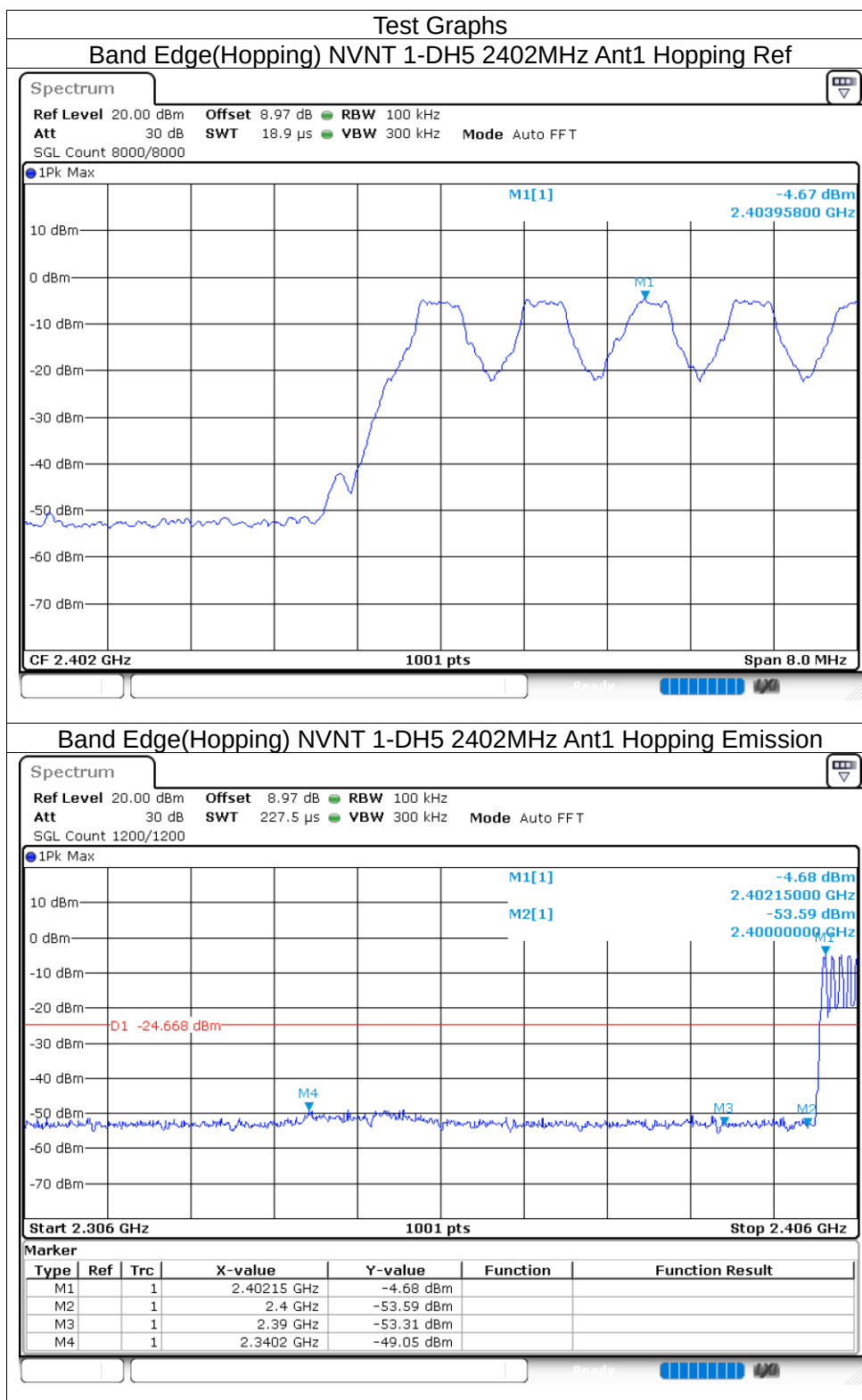


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47985 GHz	-5.39 dBm		
M2	1		2.4835 GHz	-54.36 dBm		
M3	1		2.5 GHz	-54.66 dBm		
M4	1		2.499 GHz	-51.79 dBm		

8.1.17 Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-44.38	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-44.65	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-44.24	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-45.09	-20	Pass

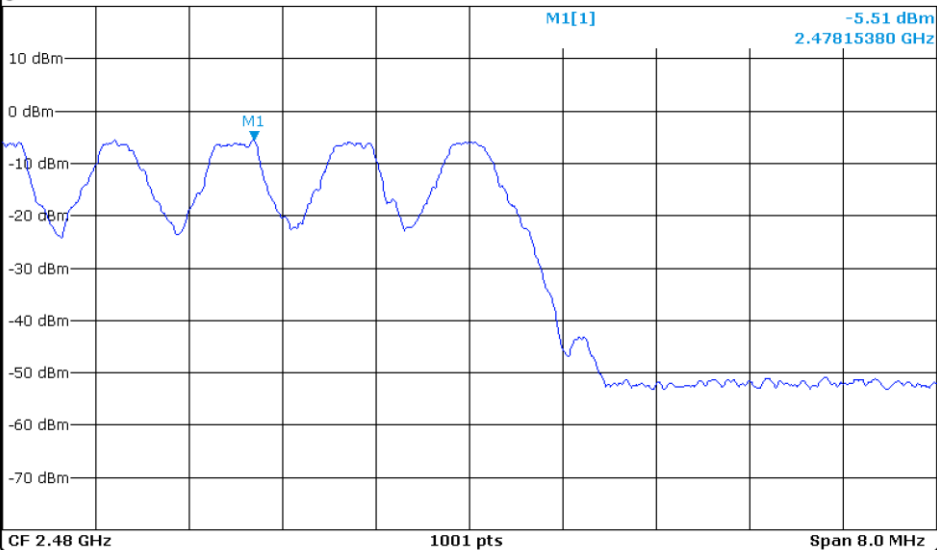


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

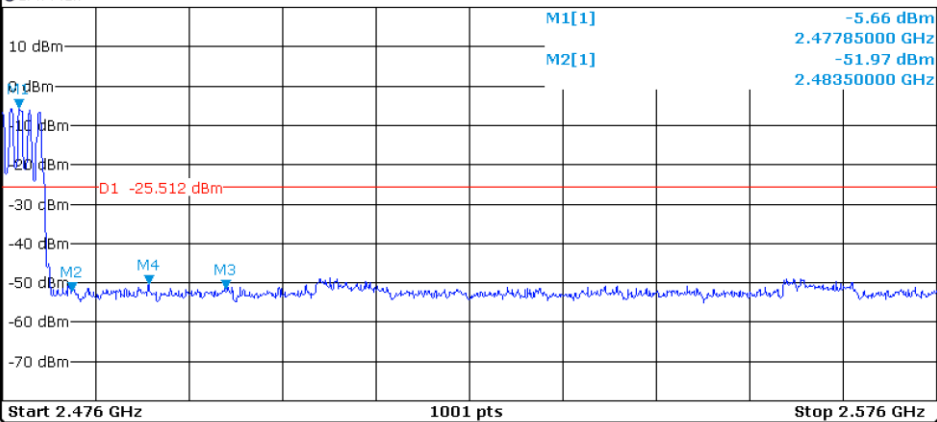


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

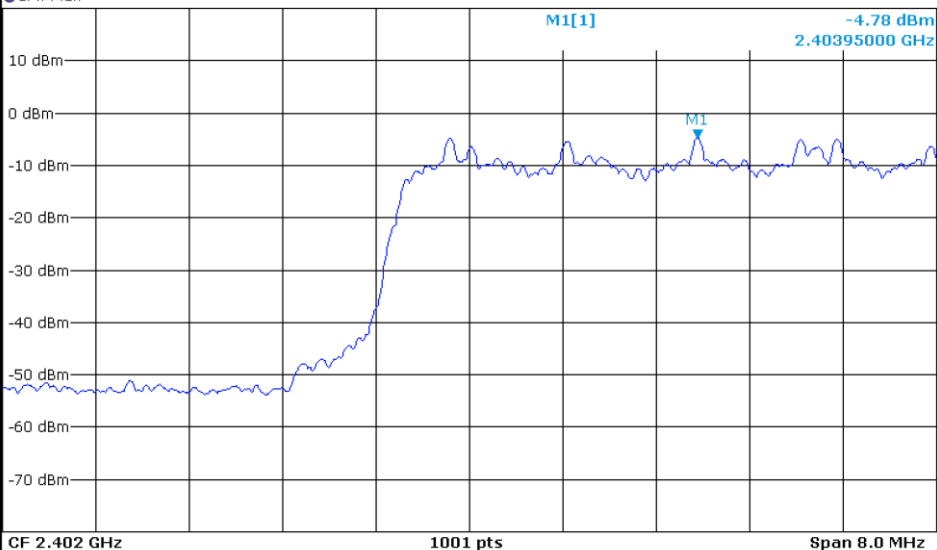
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47785 GHz	-5.66 dBm		
M2		1	2.4835 GHz	-51.97 dBm		
M3		1	2.5 GHz	-51.58 dBm		
M4		1	2.4917 GHz	-50.17 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

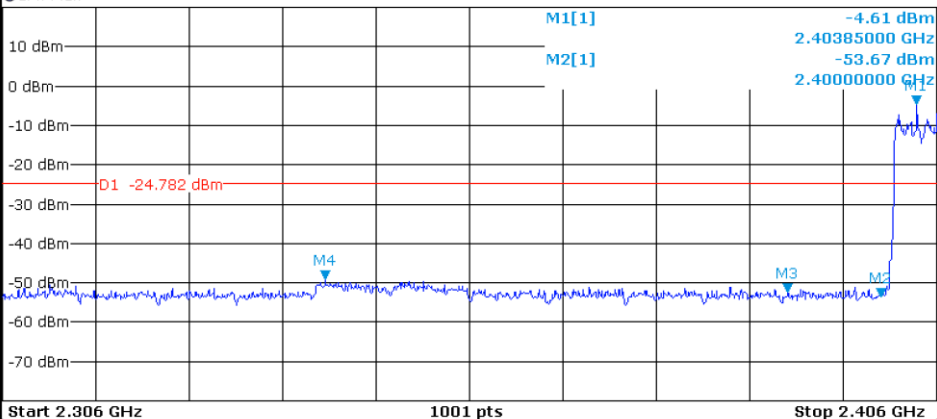


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

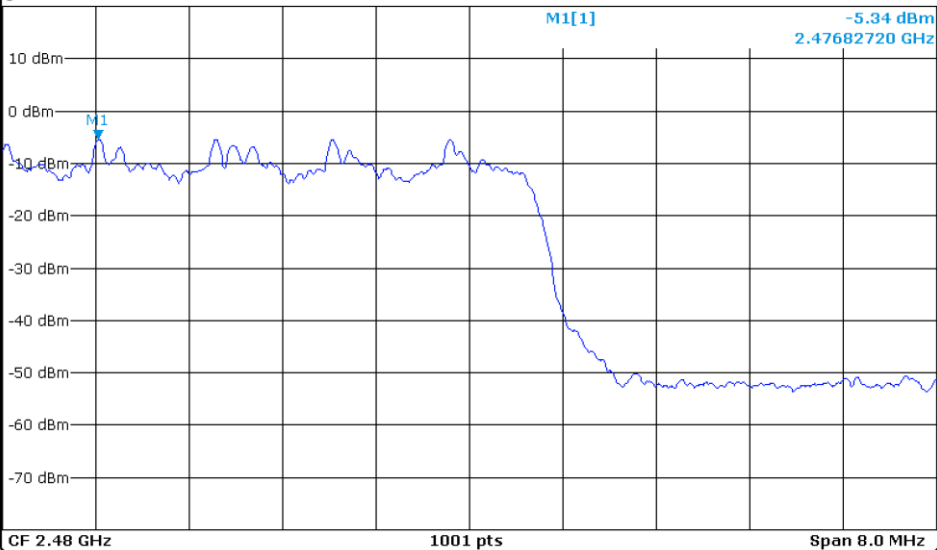
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40385 GHz	-4.61 dBm		
M2		1	2.4 GHz	-53.67 dBm		
M3		1	2.39 GHz	-52.32 dBm		
M4		1	2.3406 GHz	-49.03 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

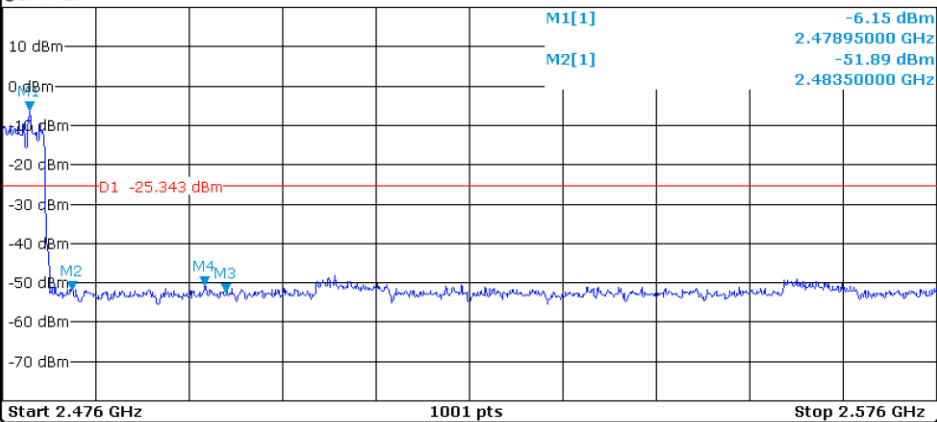


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 8.97 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

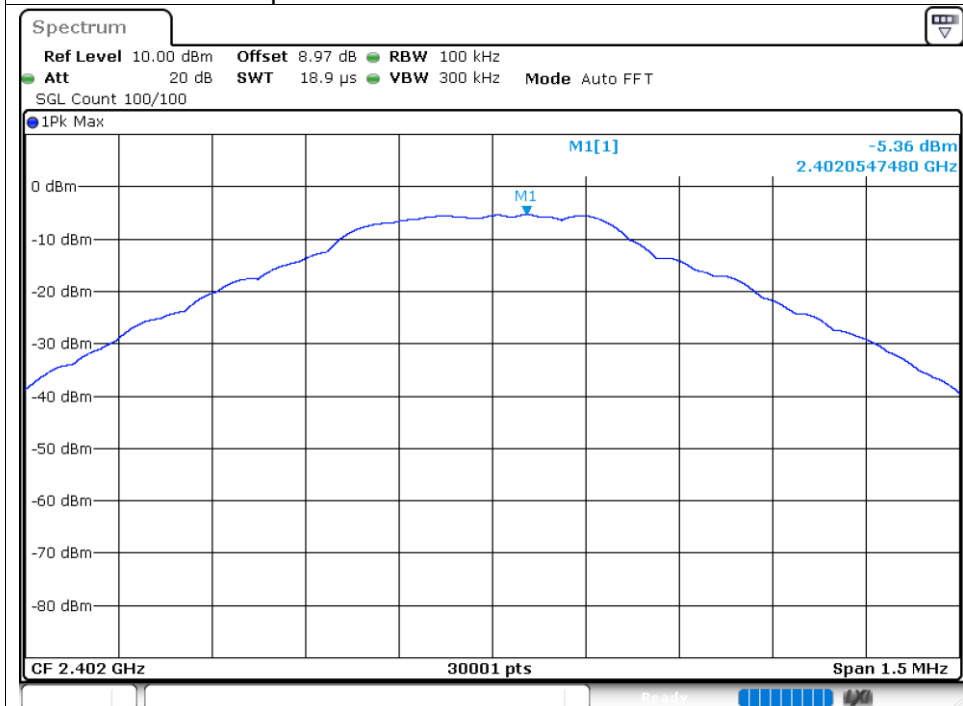
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47895 GHz	-6.15 dBm		
M2		1	2.4835 GHz	-51.89 dBm		
M3		1	2.5 GHz	-52.40 dBm		
M4		1	2.4977 GHz	-50.44 dBm		

8.1.18 Conducted RF Spurious Emission

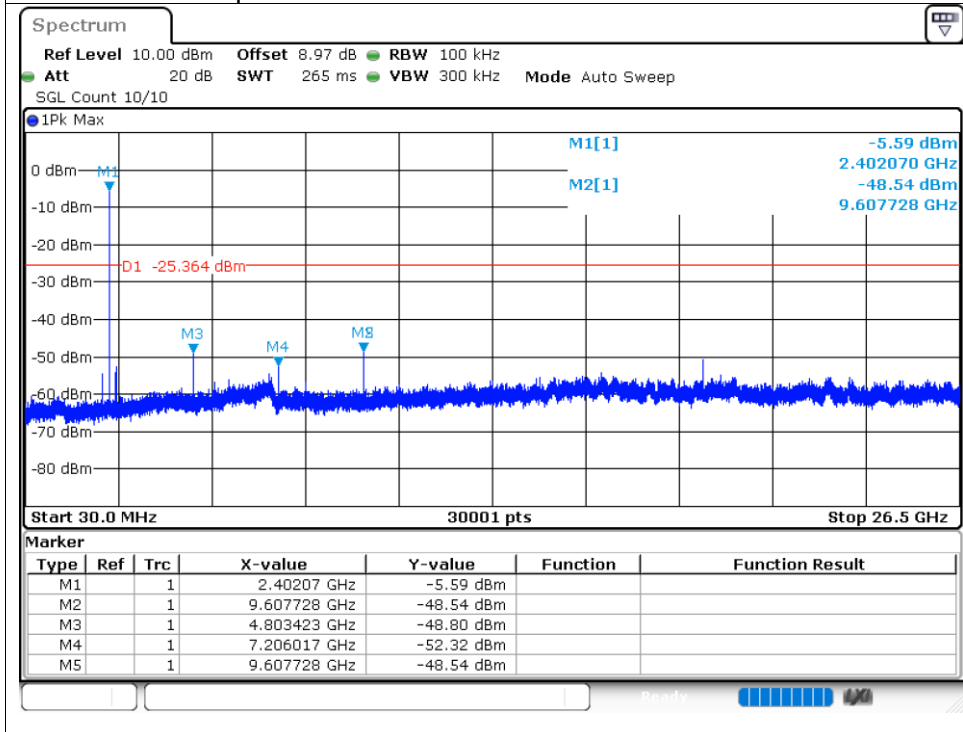
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-43.17	-20	Pass
NVNT	1-DH5	2441	Ant1	-41.14	-20	Pass
NVNT	1-DH5	2480	Ant1	-36.53	-20	Pass
NVNT	2-DH5	2402	Ant1	-40.78	-20	Pass
NVNT	2-DH5	2441	Ant1	-40.97	-20	Pass
NVNT	2-DH5	2480	Ant1	-38.49	-20	Pass

Test Graphs

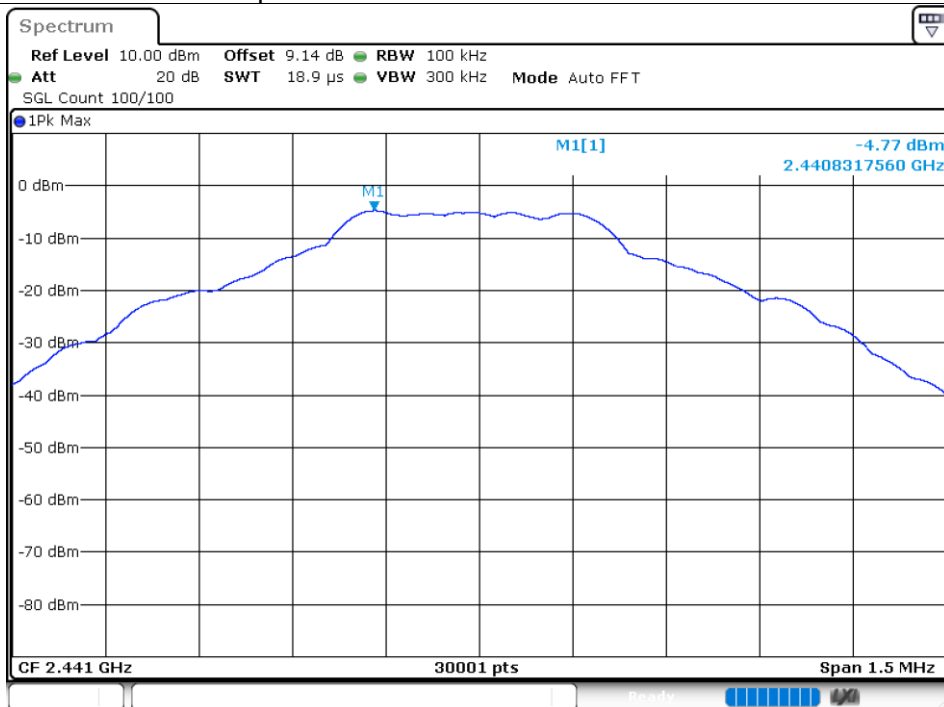
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



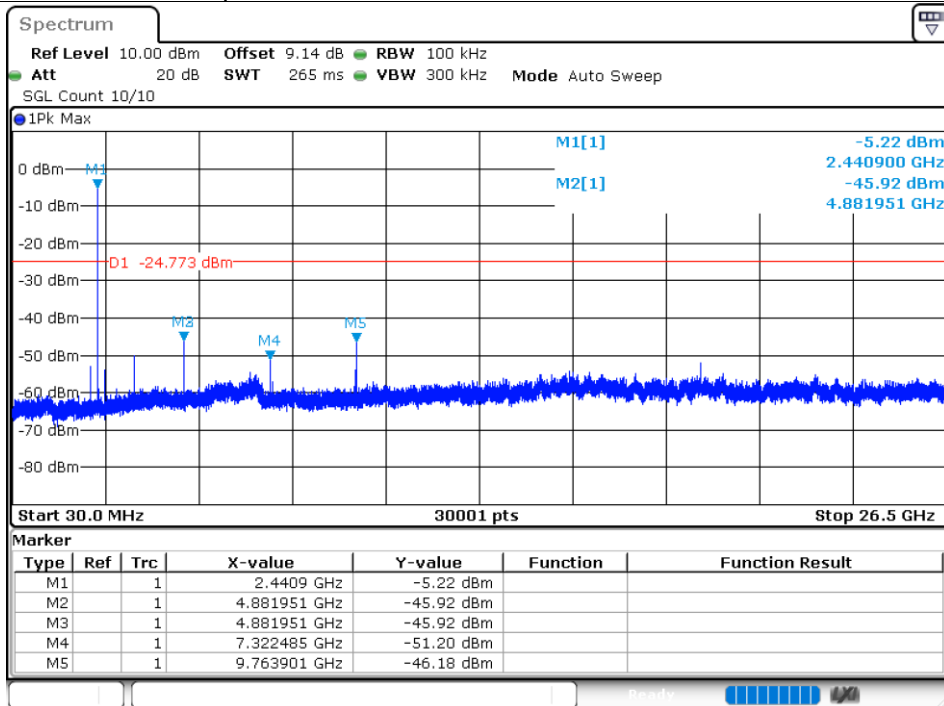
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



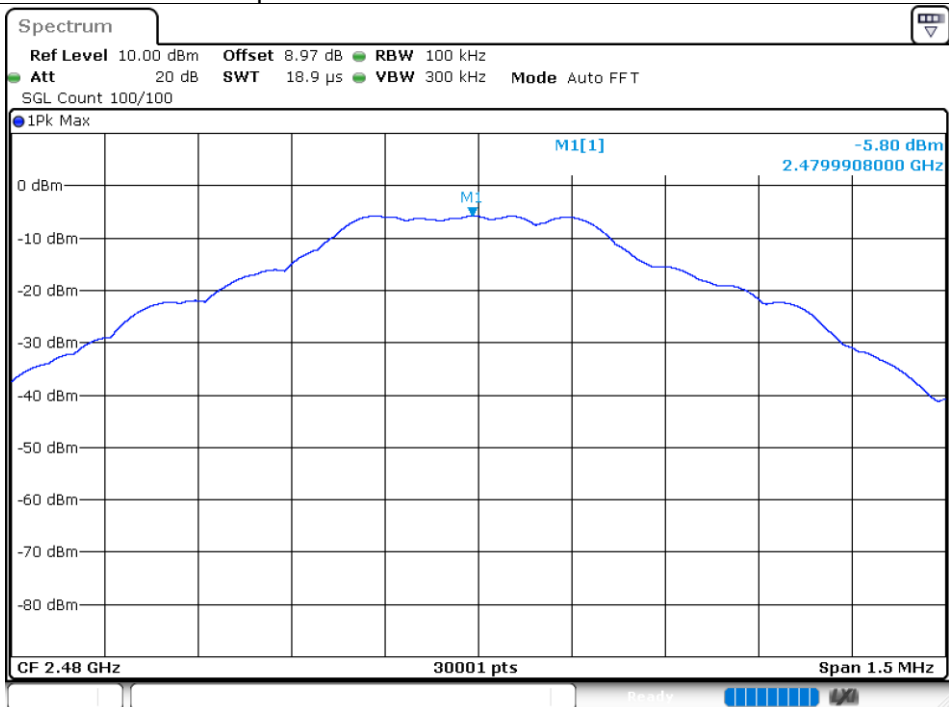
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



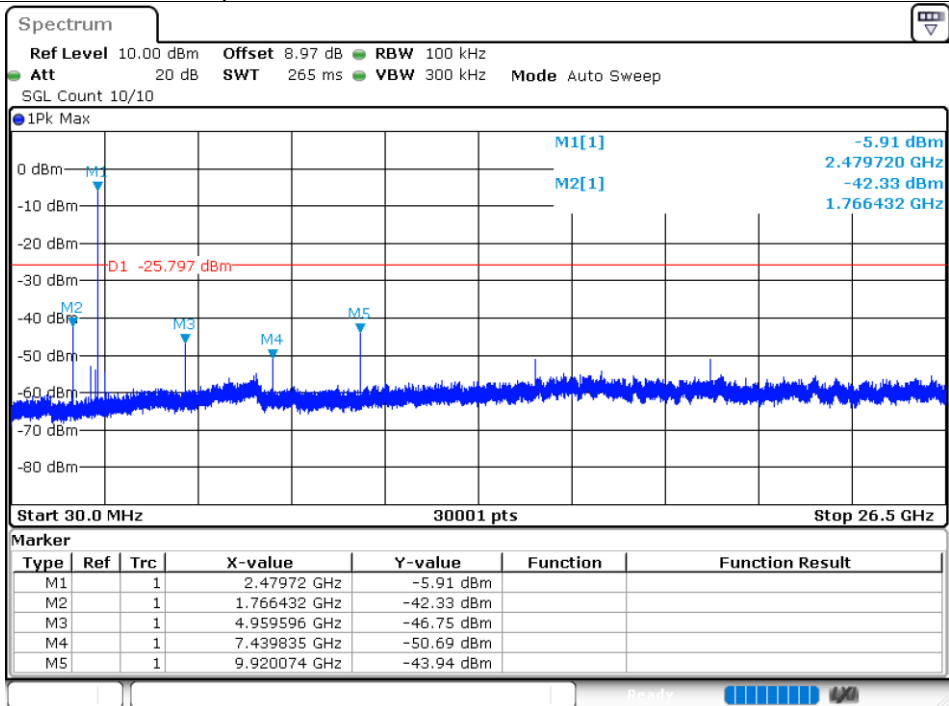
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



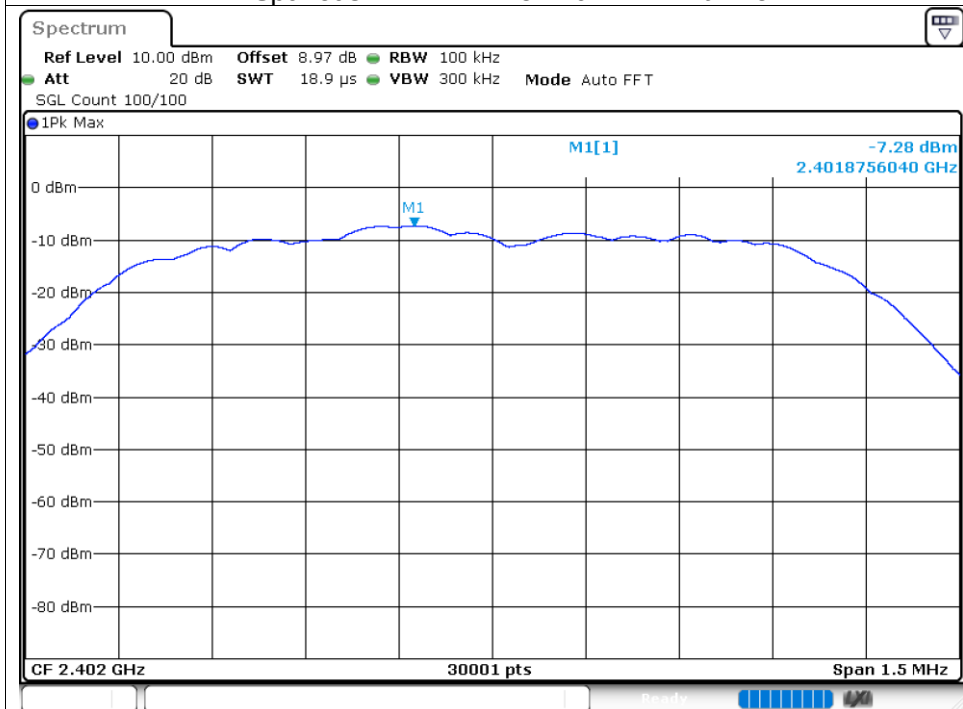
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



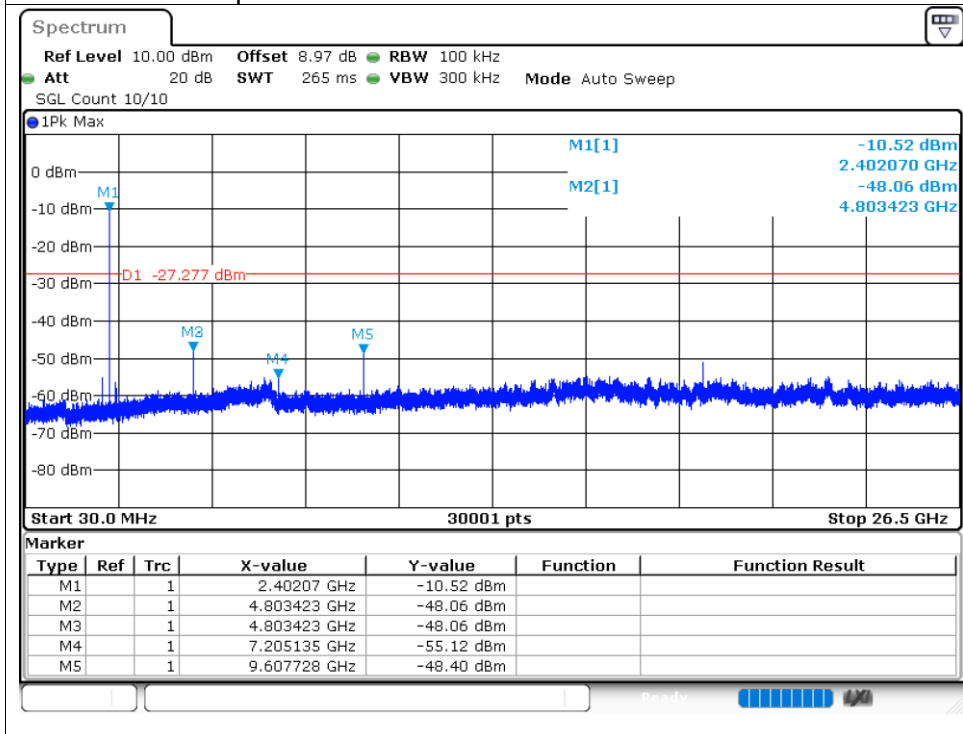
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



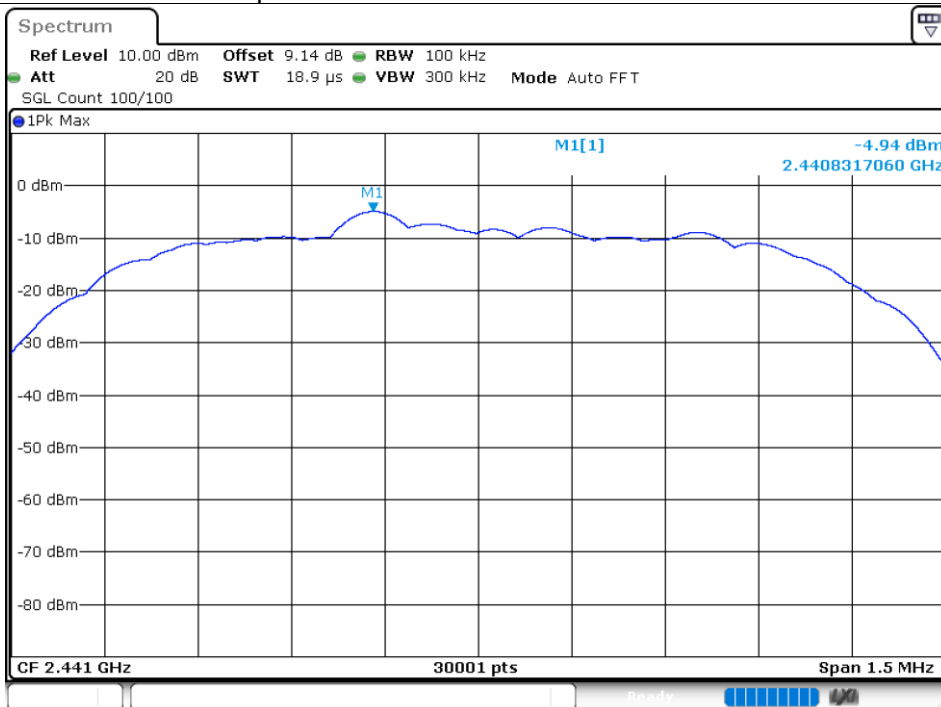
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



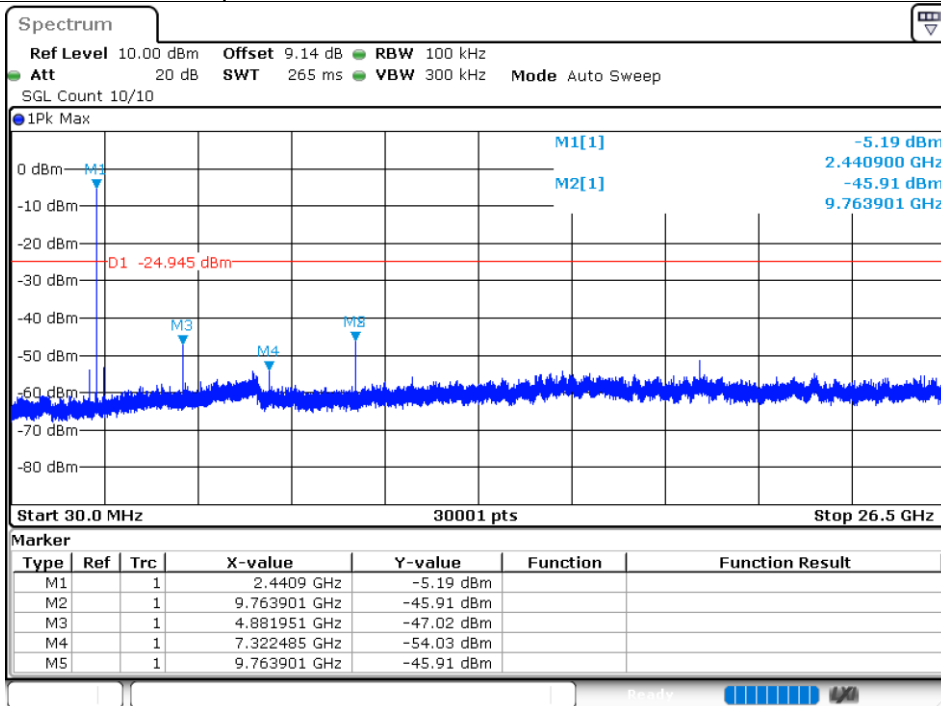
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



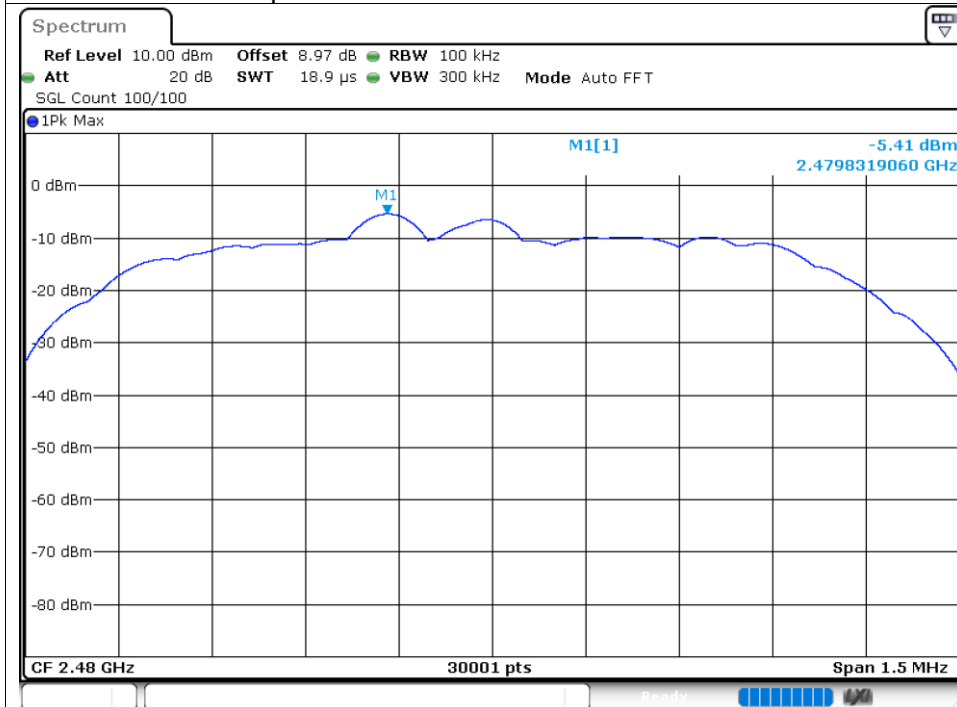
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



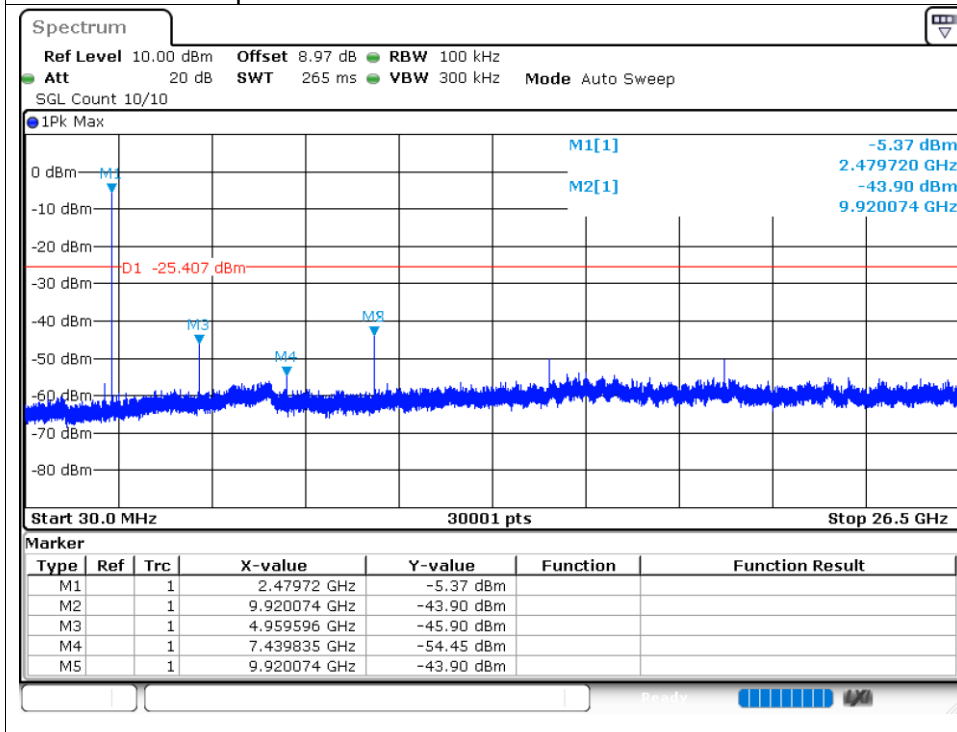
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



END OF REPORT