

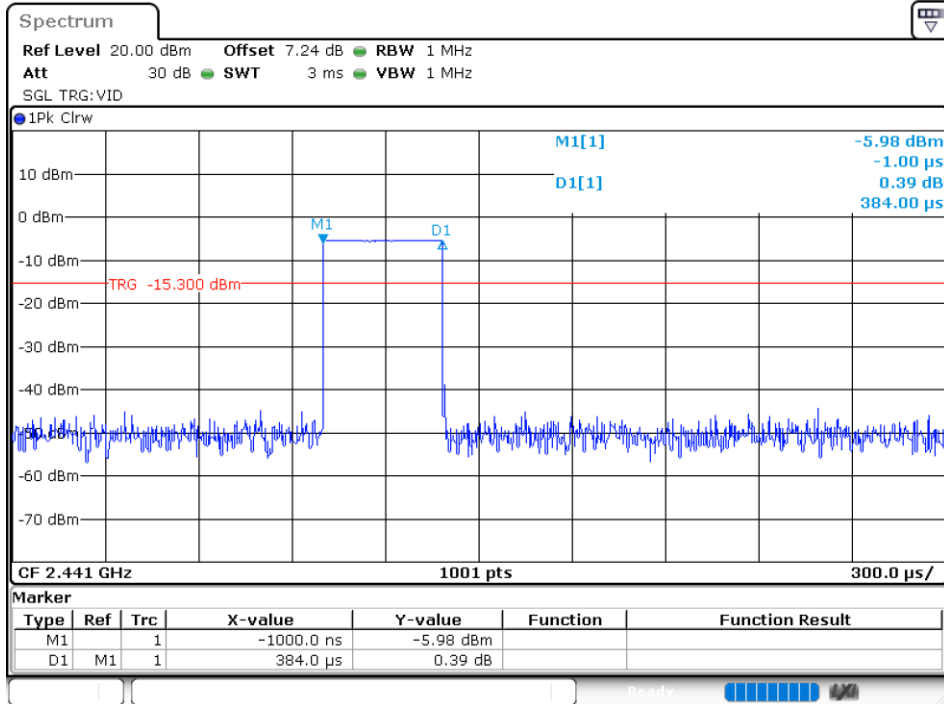
8.2 RIGHT

8.2.1 Dwell Time

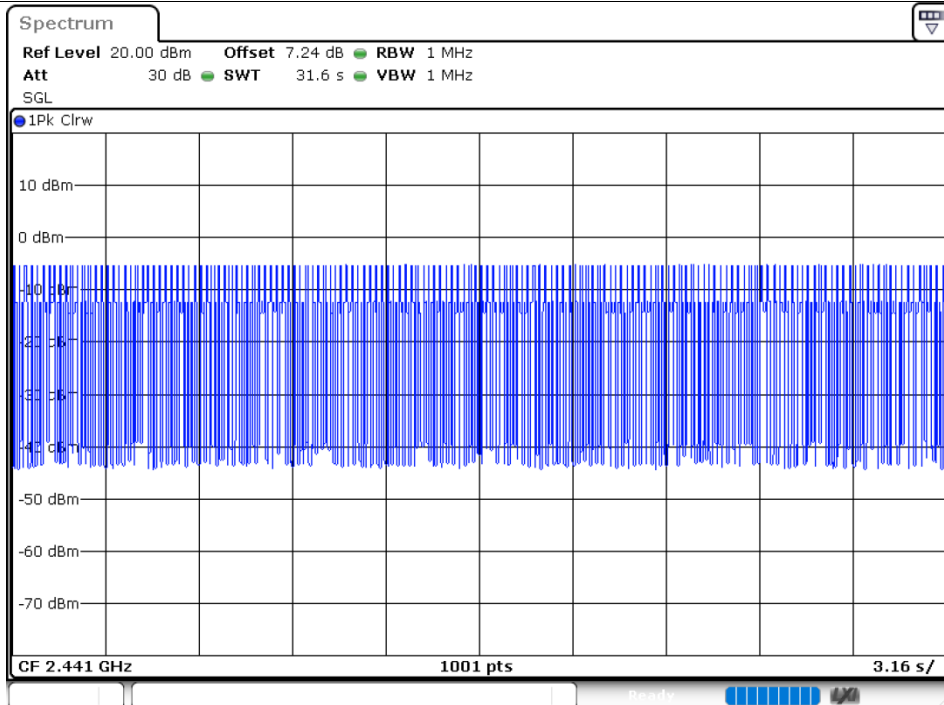
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.384	76.8	200	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.64	216.48	132	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.888	262.808	91	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.39	78.39	201	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.64	201.72	123	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.896	249.056	86	31600	400	Pass

Test Graphs

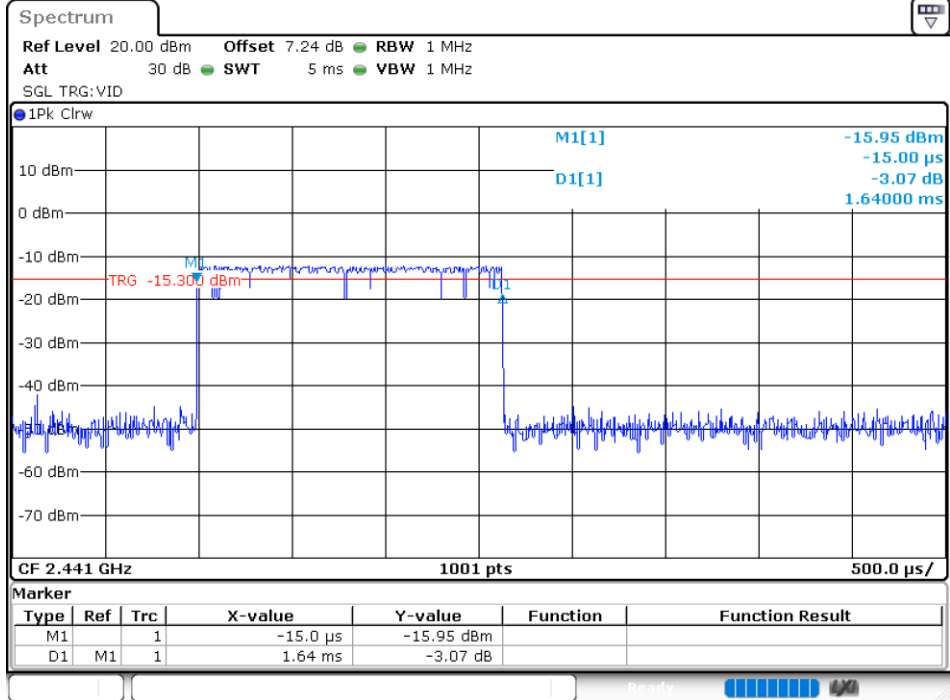
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



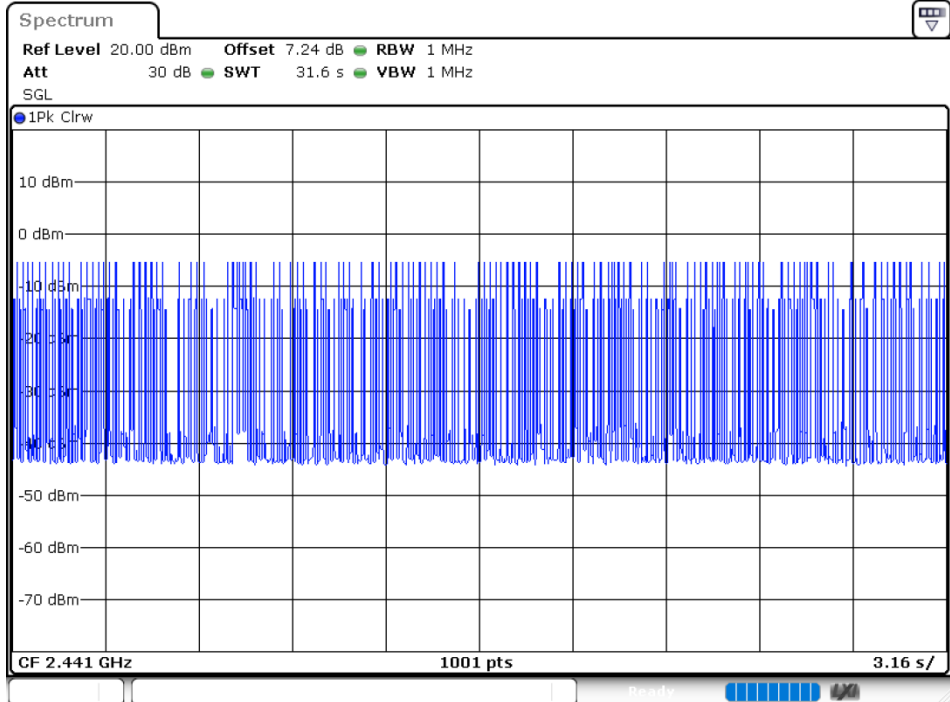
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



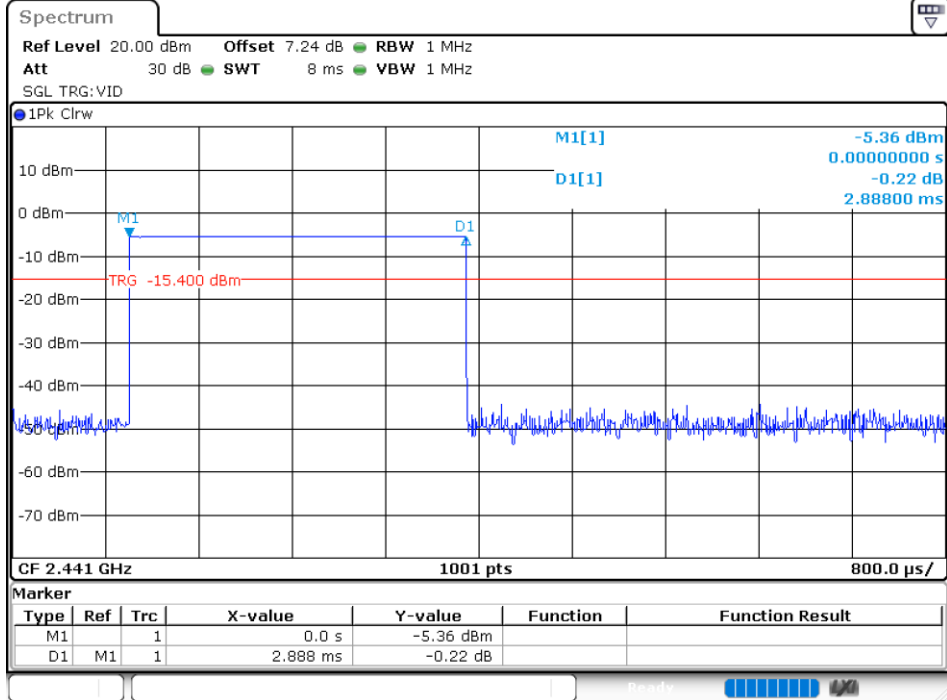
Dwell NVNT 1-DH3 2441MHz Ant1 One Burst



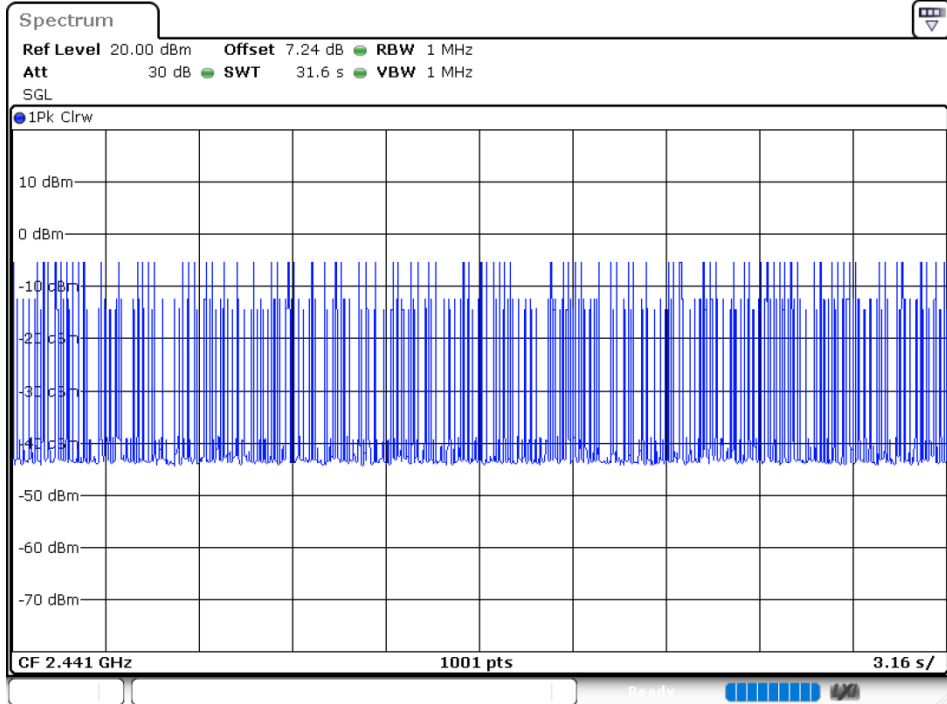
Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



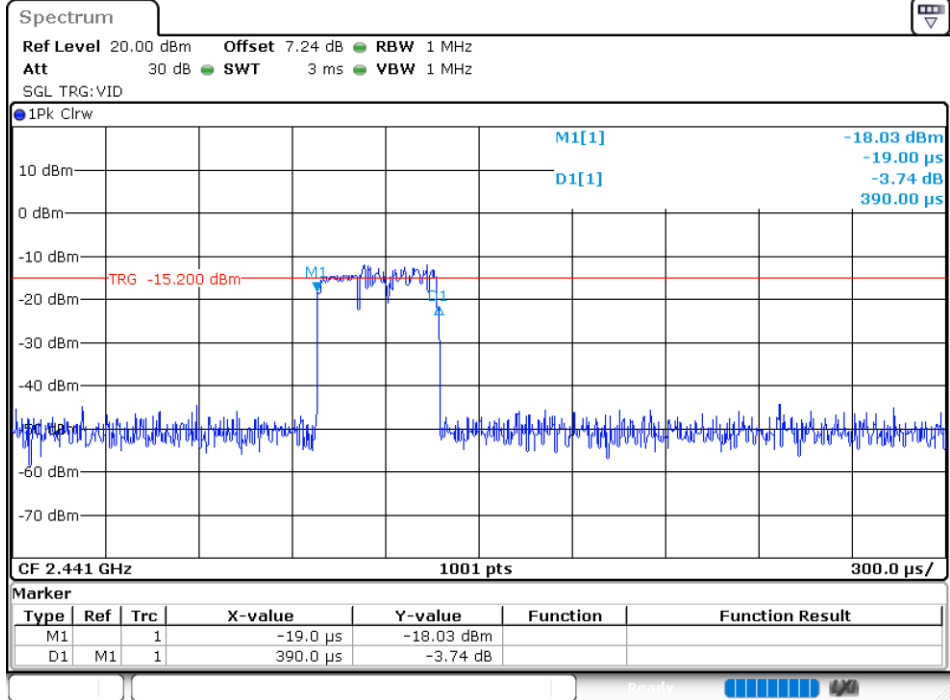
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



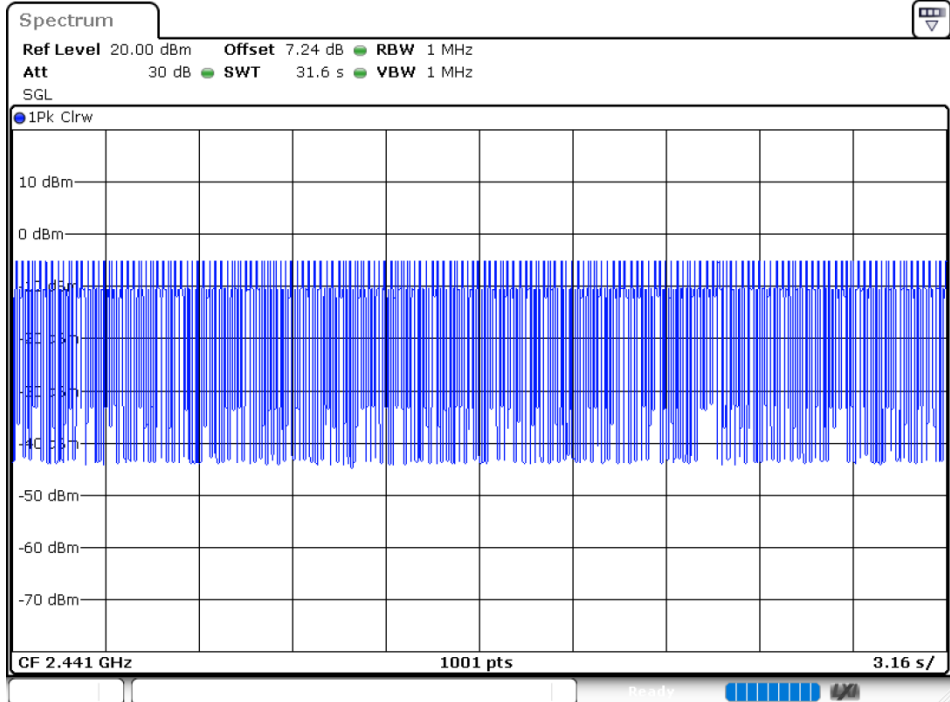
Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



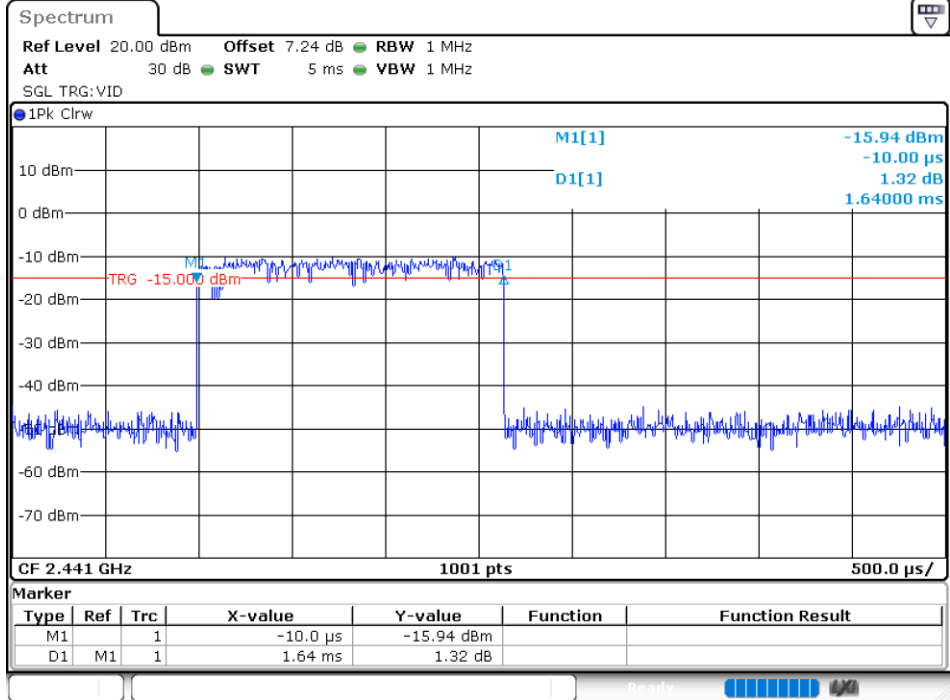
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



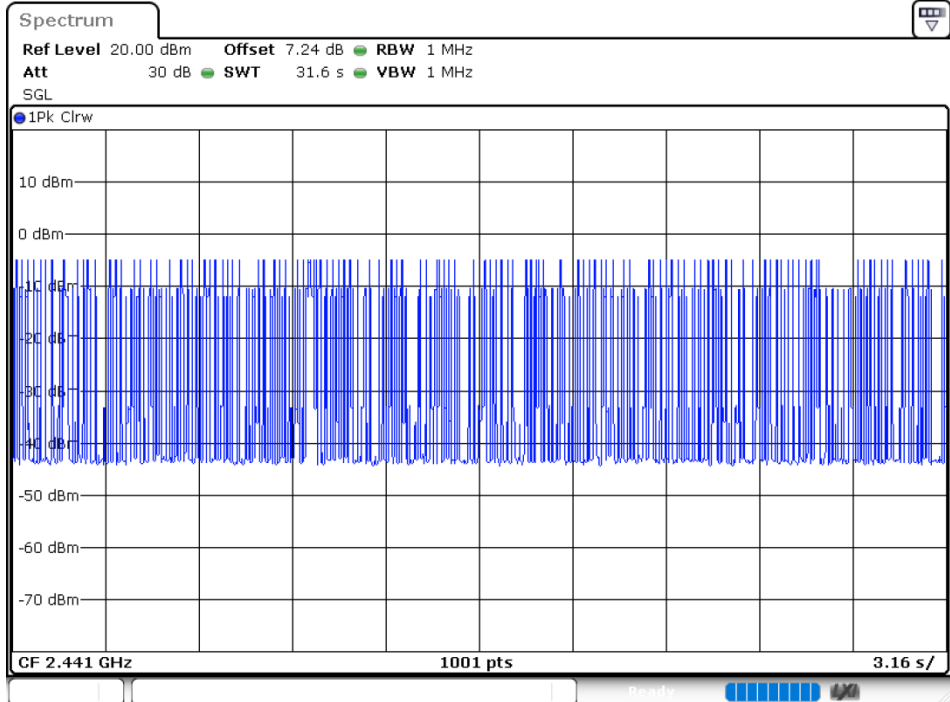
Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



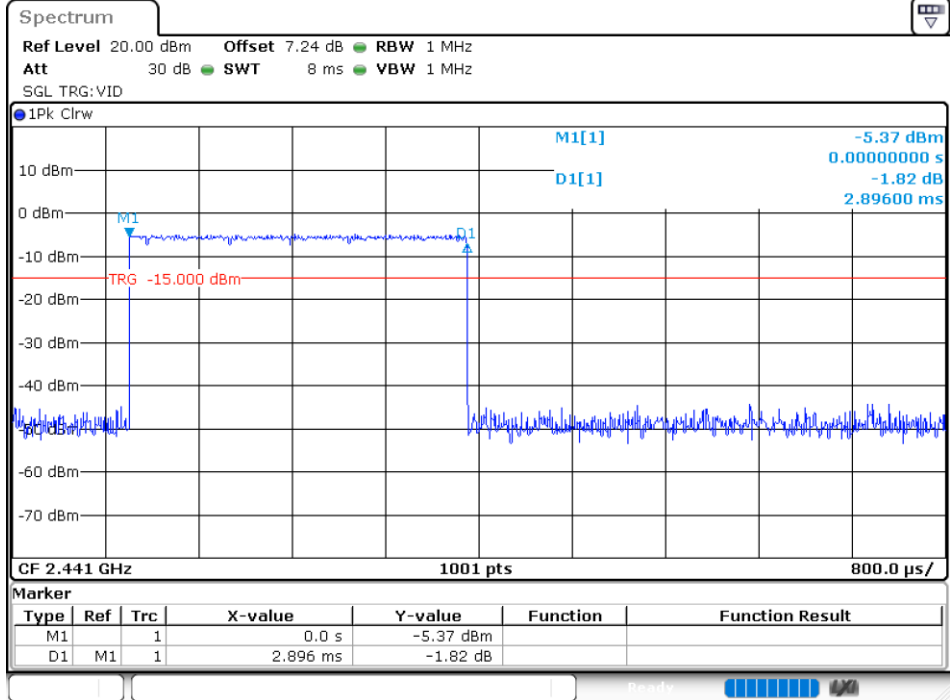
Dwell NVNT 2-DH3 2441MHz Ant1 One Burst



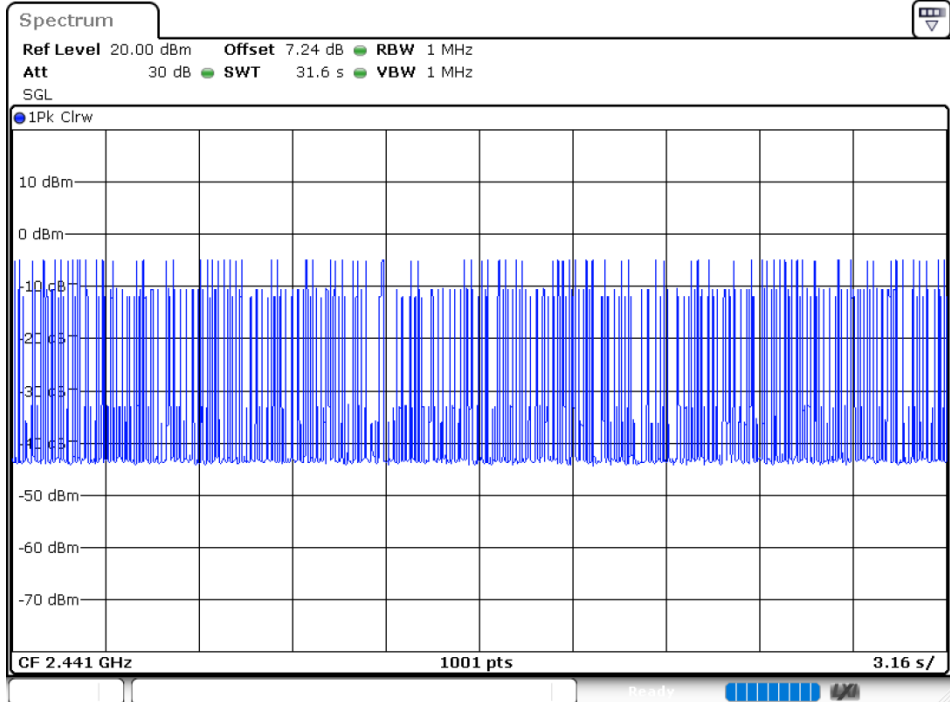
Dwell NVNT 2-DH3 2441MHz Ant1 Accumulated



Dwell NVNT 2-DH5 2441MHz Ant1 One Burst

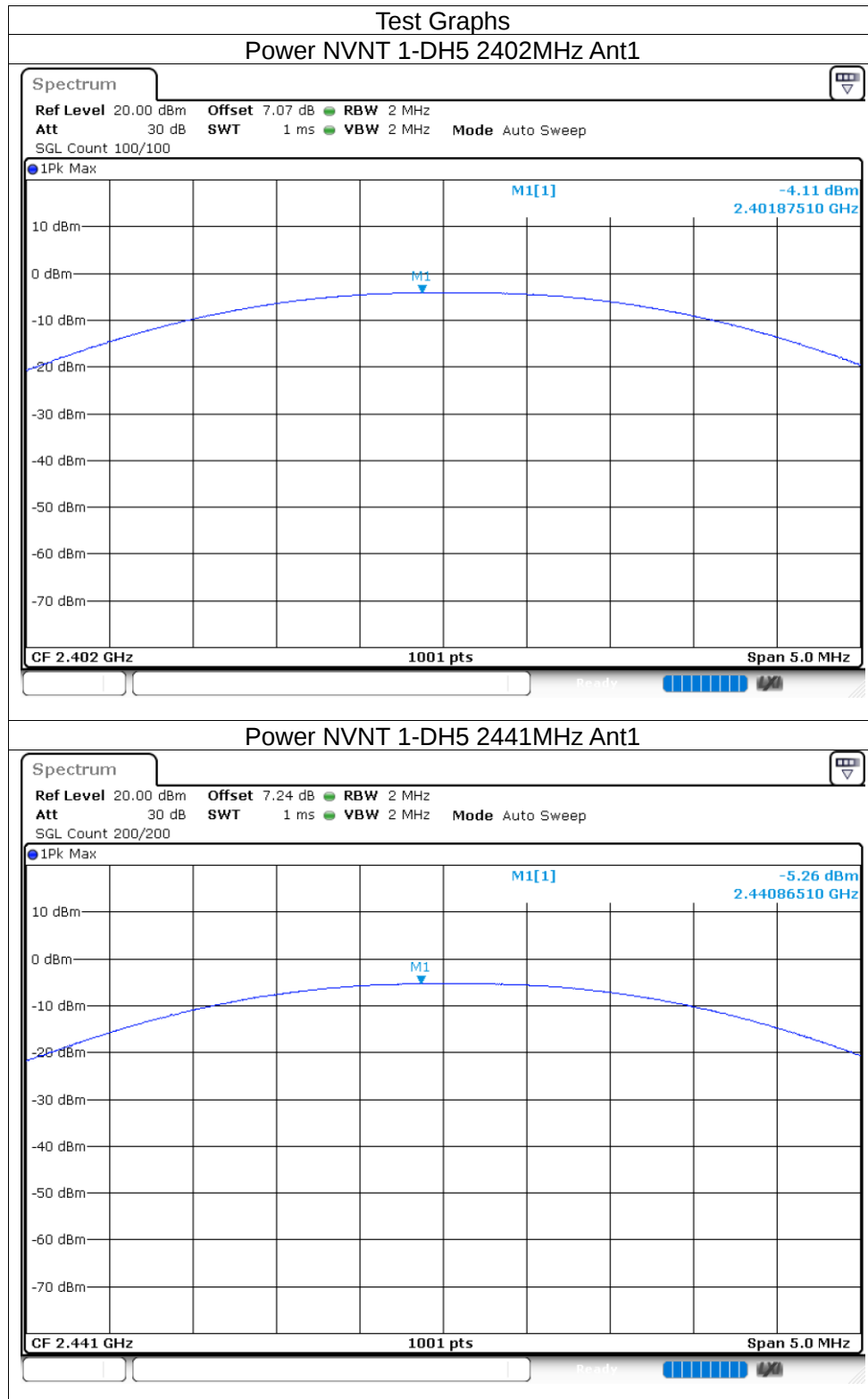


Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated

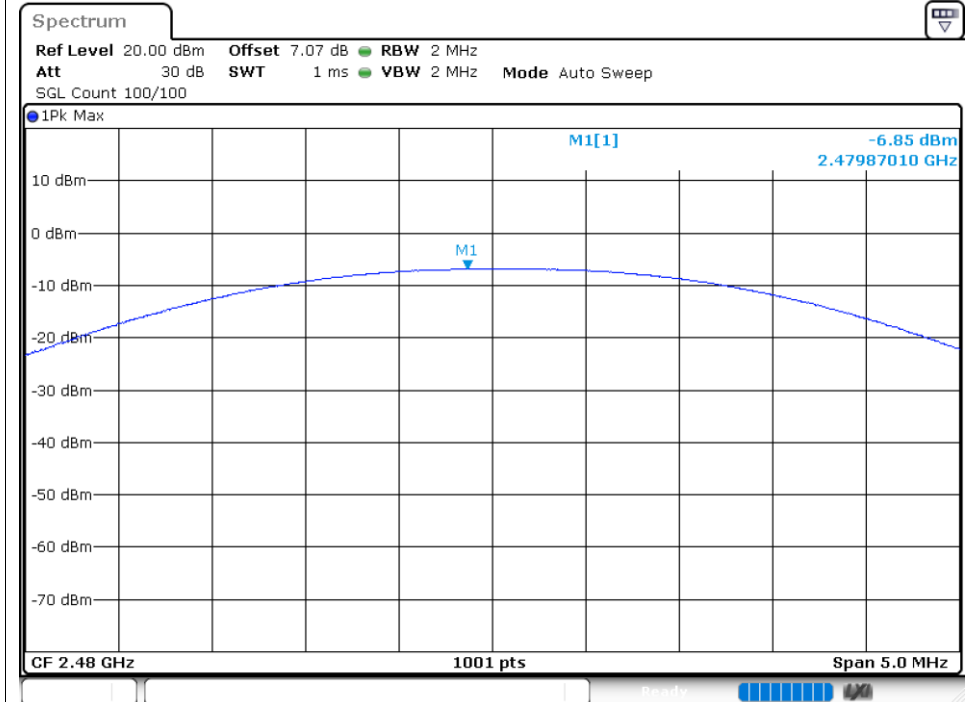


8.2.2 Maximum Conducted Output Power

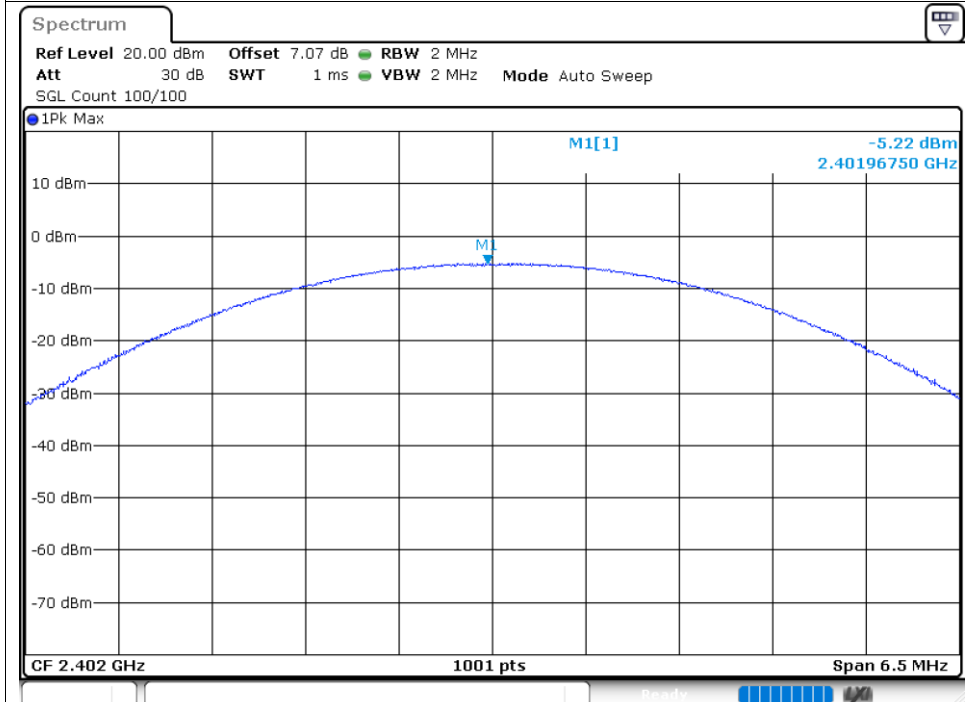
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-4.11	21	Pass
NVNT	1-DH5	2441	Ant1	-5.26	21	Pass
NVNT	1-DH5	2480	Ant1	-6.85	21	Pass
NVNT	2-DH5	2402	Ant1	-5.22	21	Pass
NVNT	2-DH5	2441	Ant1	-4.53	21	Pass
NVNT	2-DH5	2480	Ant1	-6.08	21	Pass



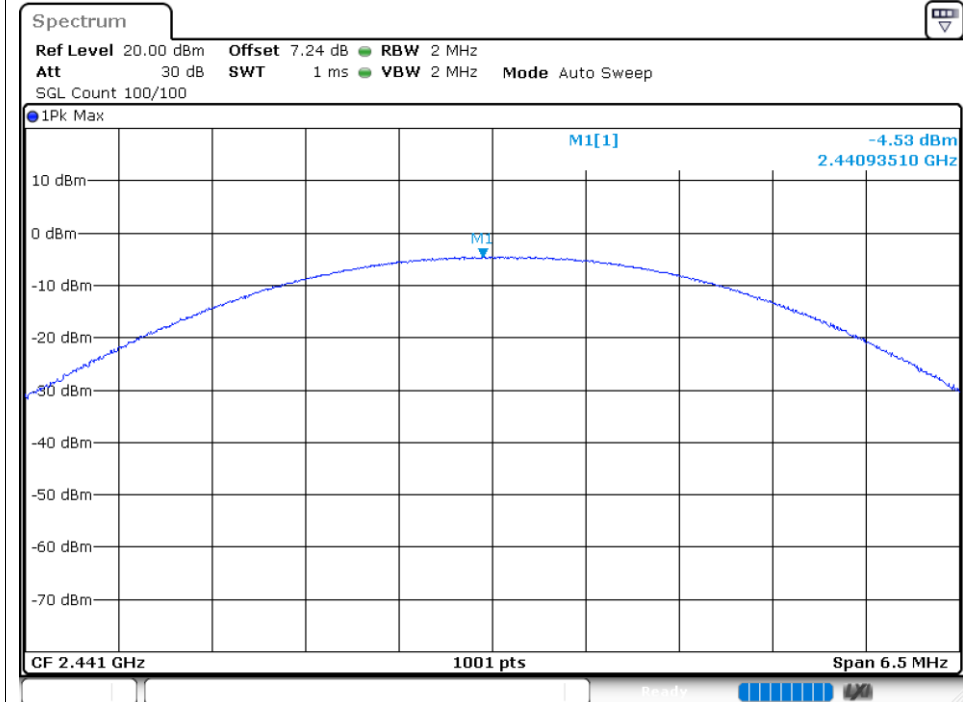
Power NVNT 1-DH5 2480MHz Ant1



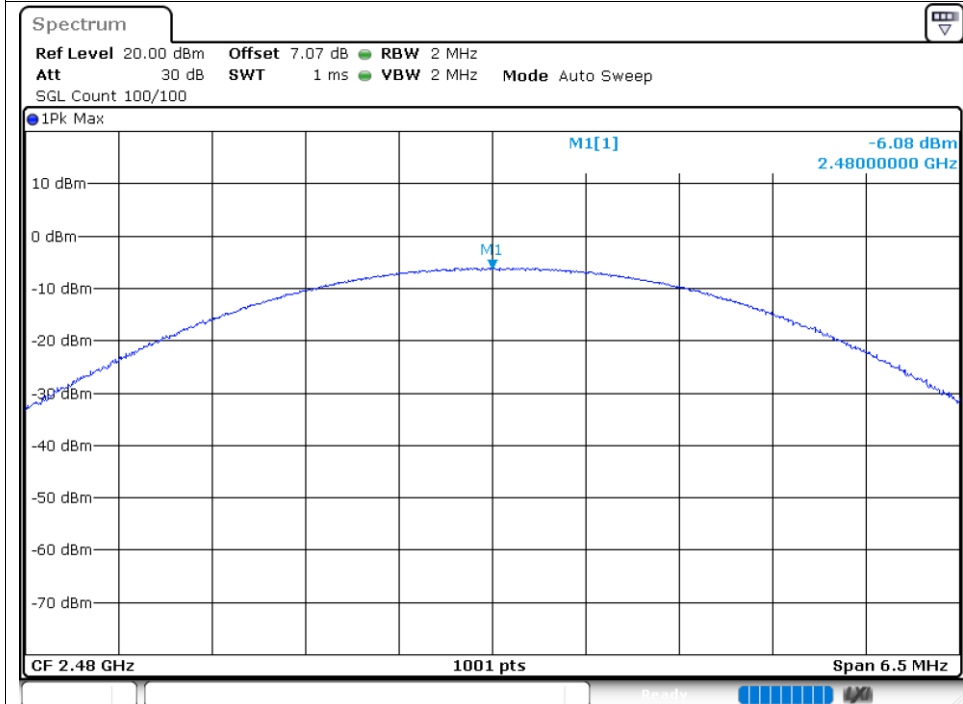
Power NVNT 2-DH5 2402MHz Ant1



Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 2-DH5 2480MHz Ant1

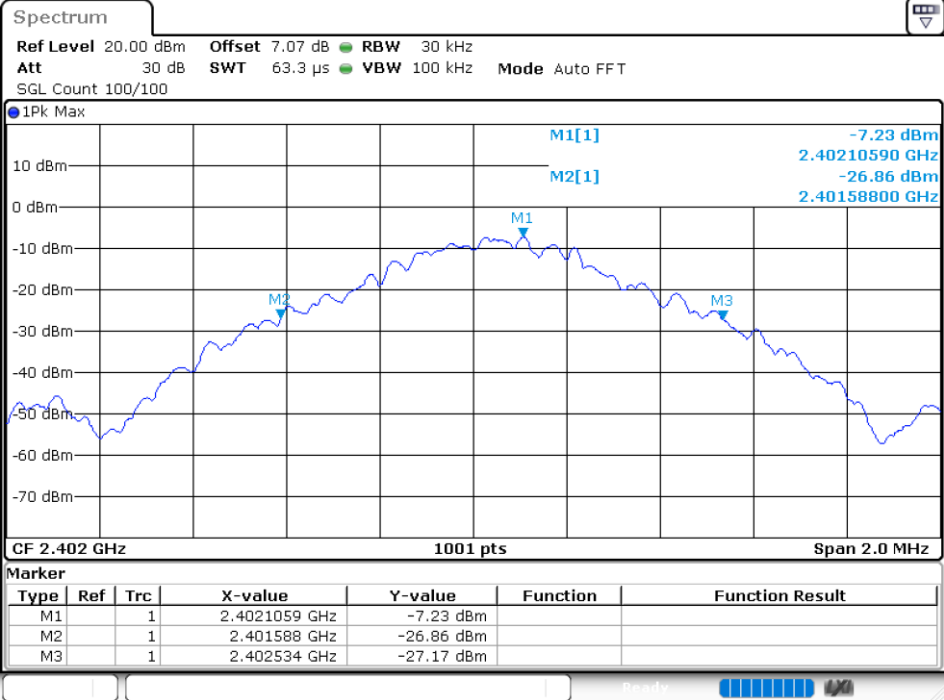


8.2.3 -20dB Bandwidth

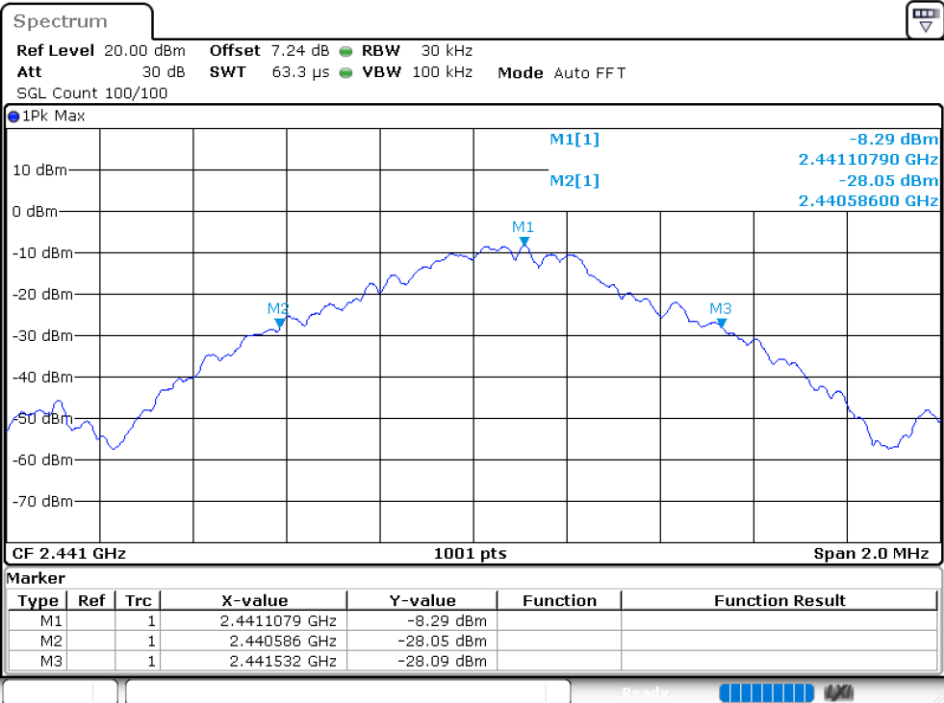
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.946	Pass
NVNT	1-DH5	2441	Ant1	0.946	Pass
NVNT	1-DH5	2480	Ant1	0.94	Pass
NVNT	2-DH5	2402	Ant1	1.28	Pass
NVNT	2-DH5	2441	Ant1	1.278	Pass
NVNT	2-DH5	2480	Ant1	1.278	Pass

Test Graphs

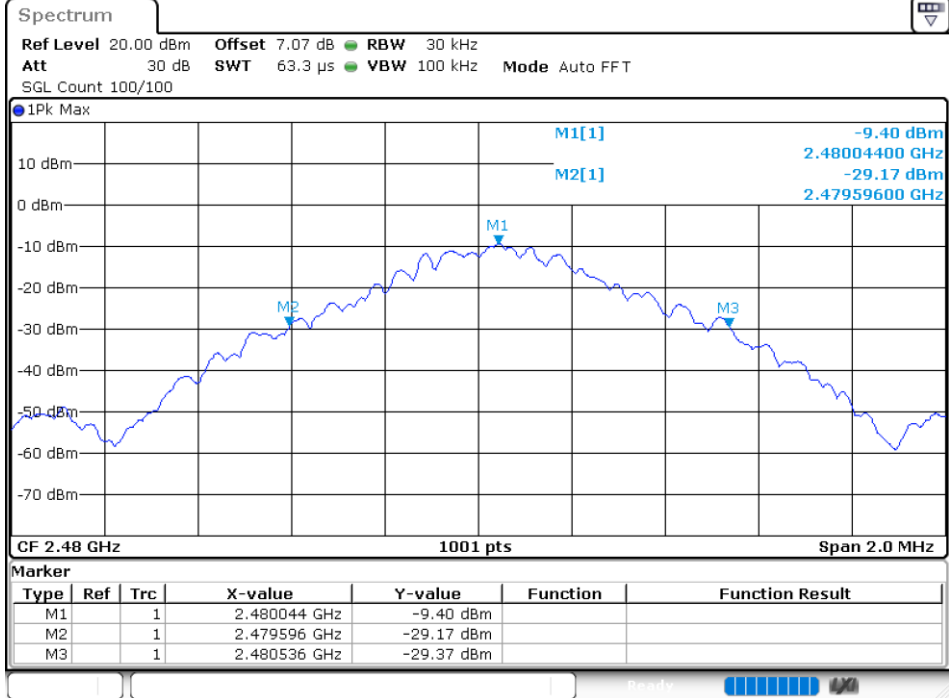
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



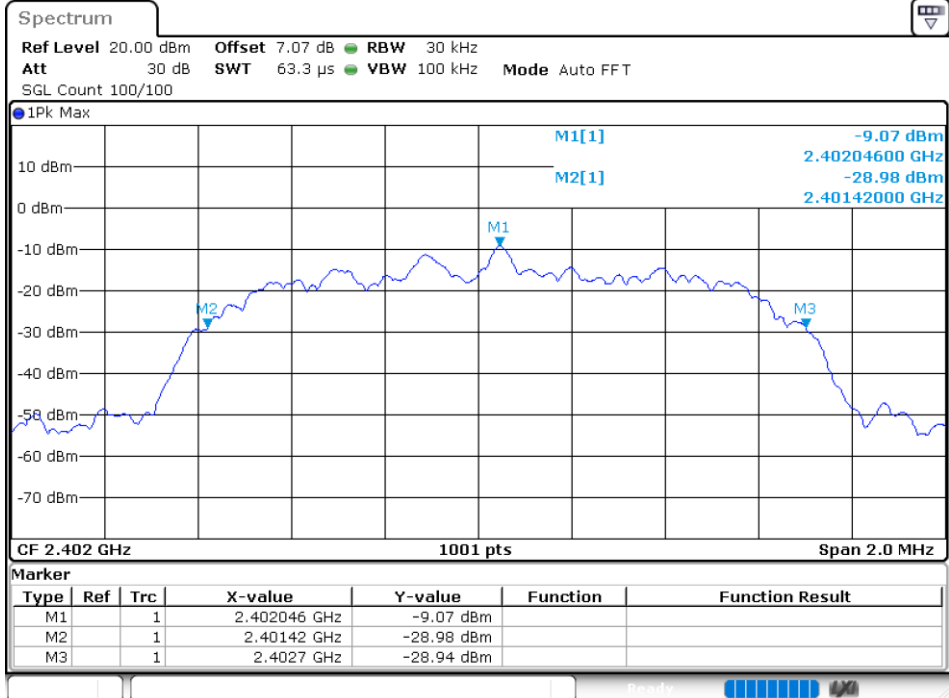
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



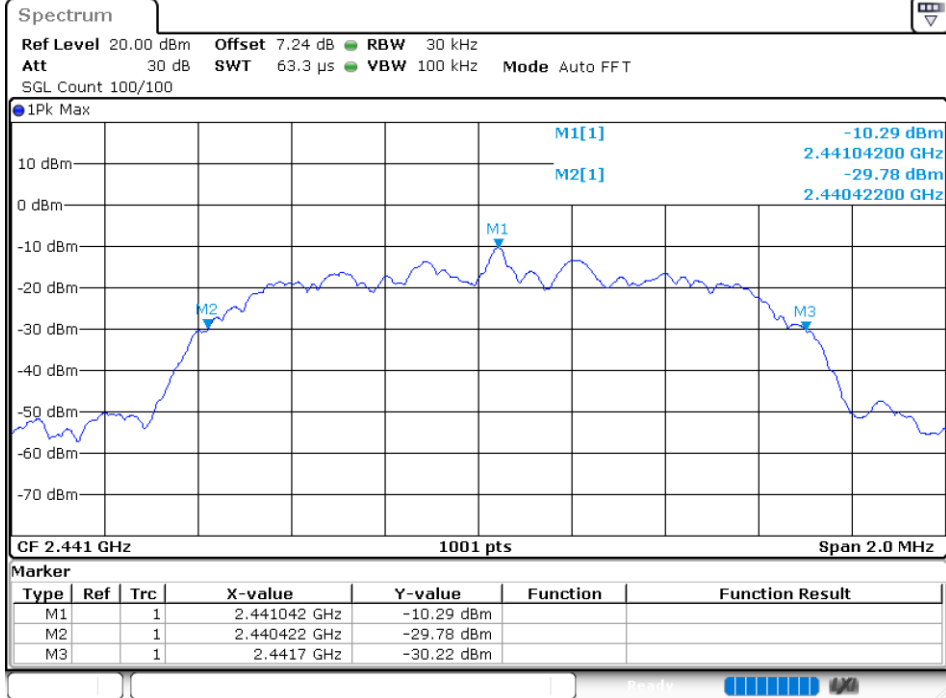
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



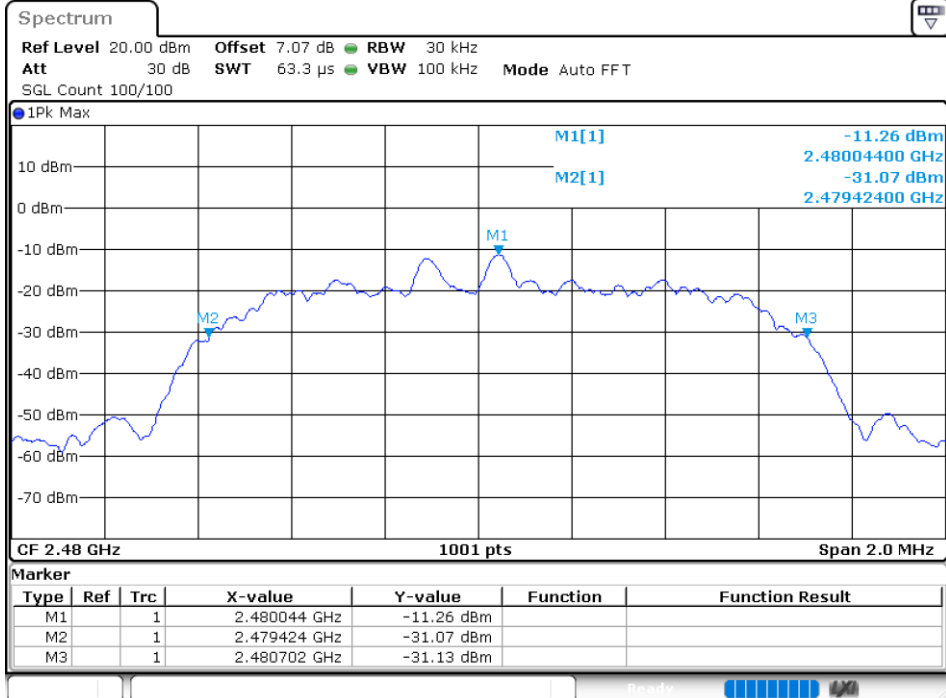
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1

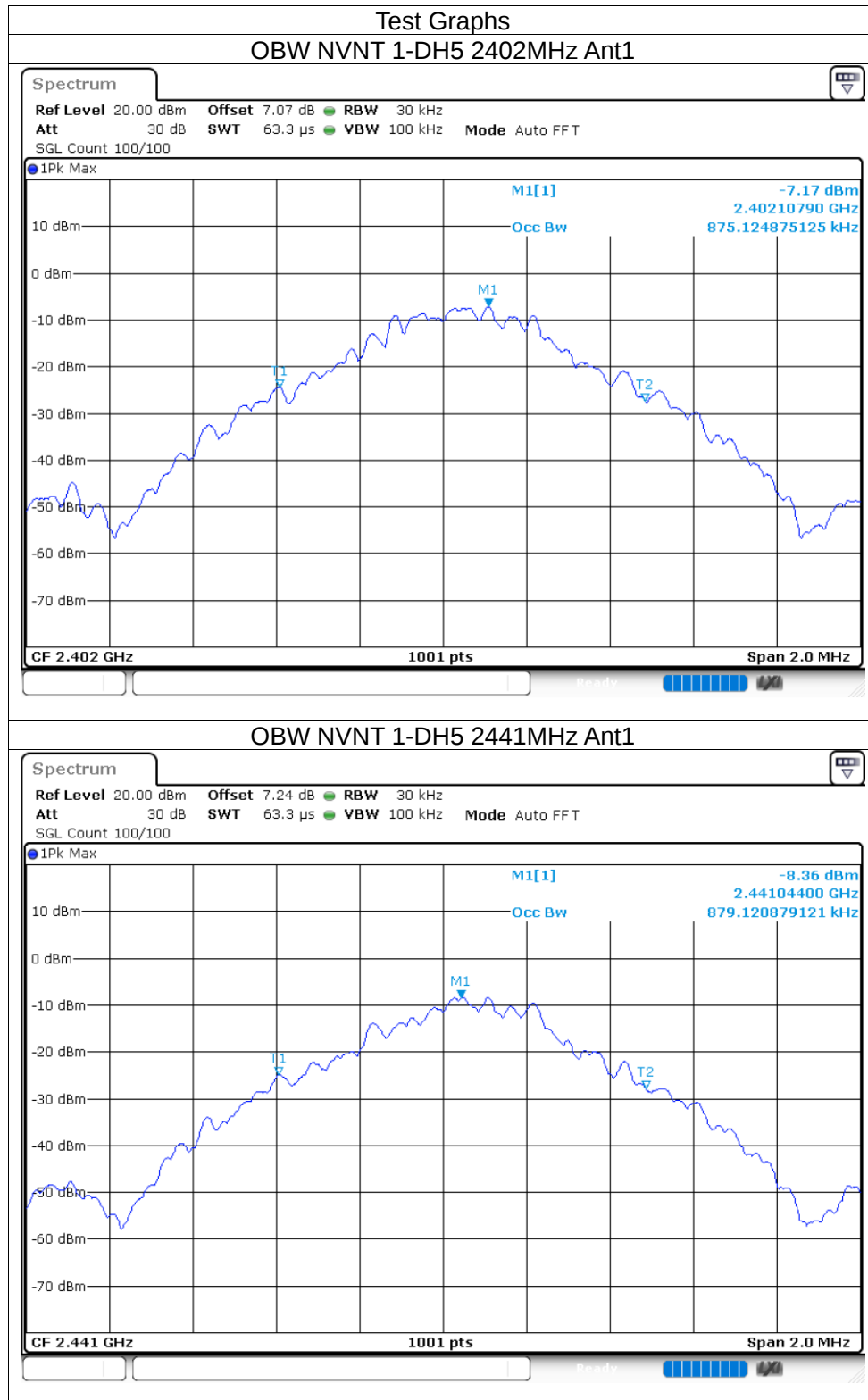


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

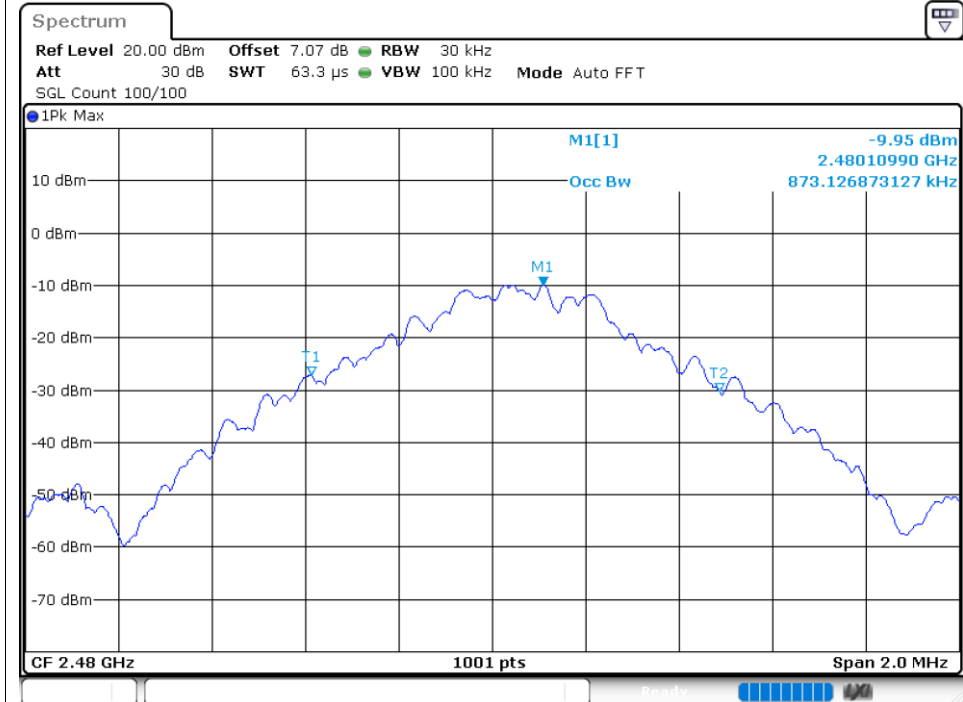


8.2.4 Occupied Channel Bandwidth

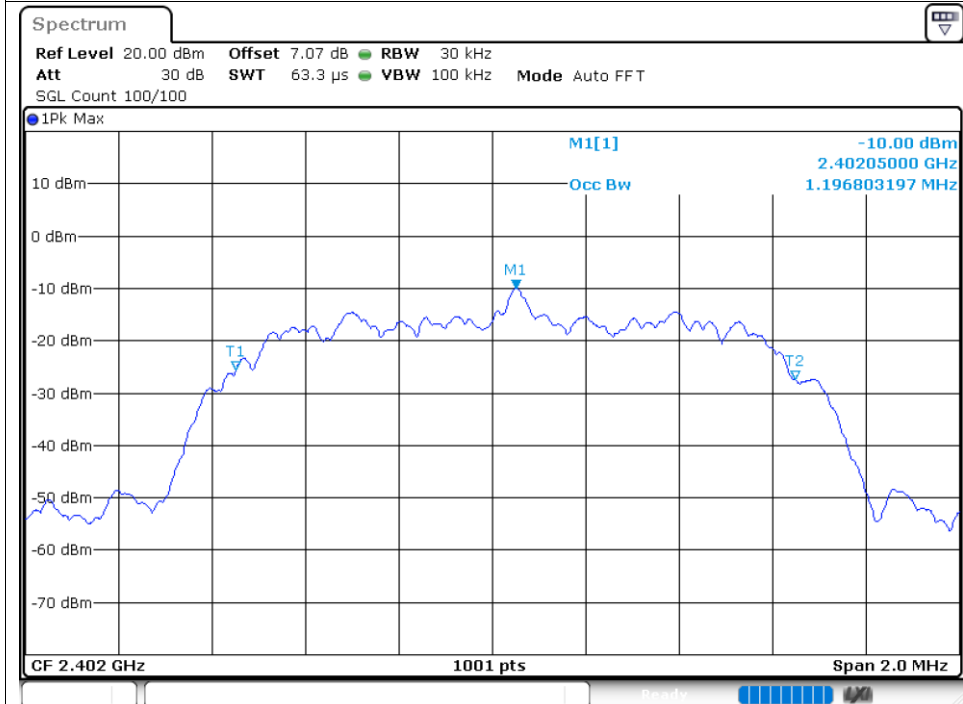
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.875
NVNT	1-DH5	2441	Ant1	0.879
NVNT	1-DH5	2480	Ant1	0.873
NVNT	2-DH5	2402	Ant1	1.197
NVNT	2-DH5	2441	Ant1	1.187
NVNT	2-DH5	2480	Ant1	1.189



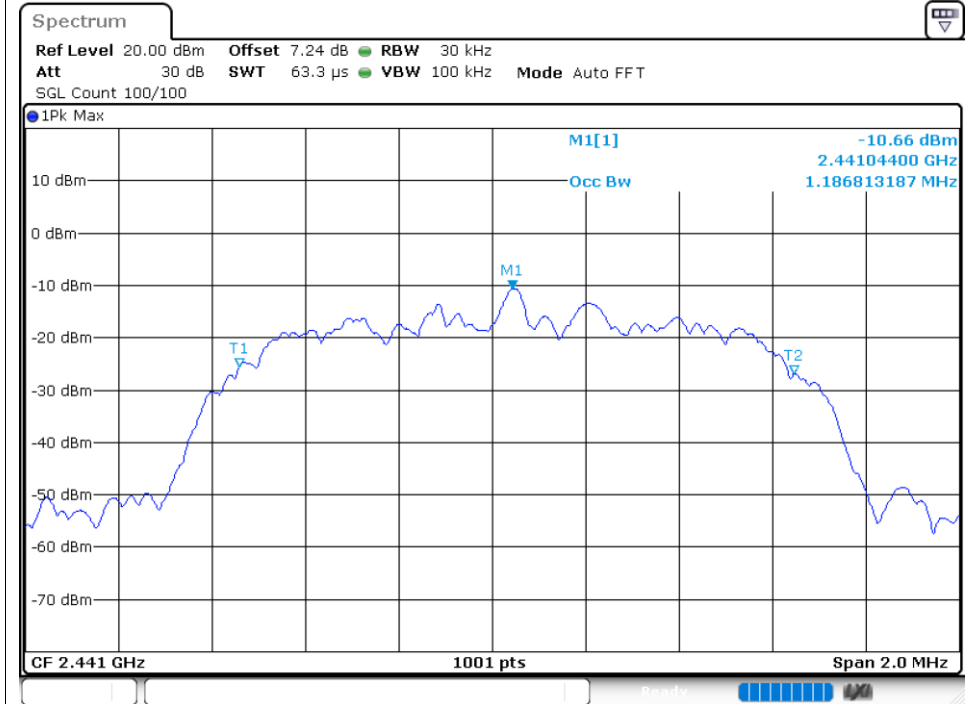
OBW NVNT 1-DH5 2480MHz Ant1



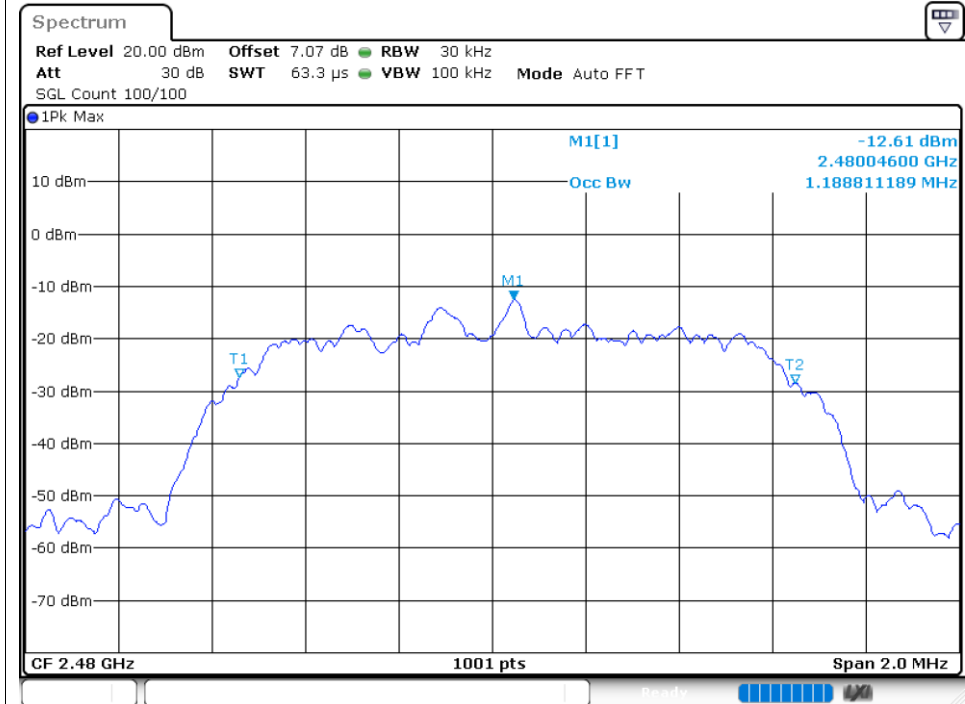
OBW NVNT 2-DH5 2402MHz Ant1



OBW NVNT 2-DH5 2441MHz Ant1



OBW NVNT 2-DH5 2480MHz Ant1

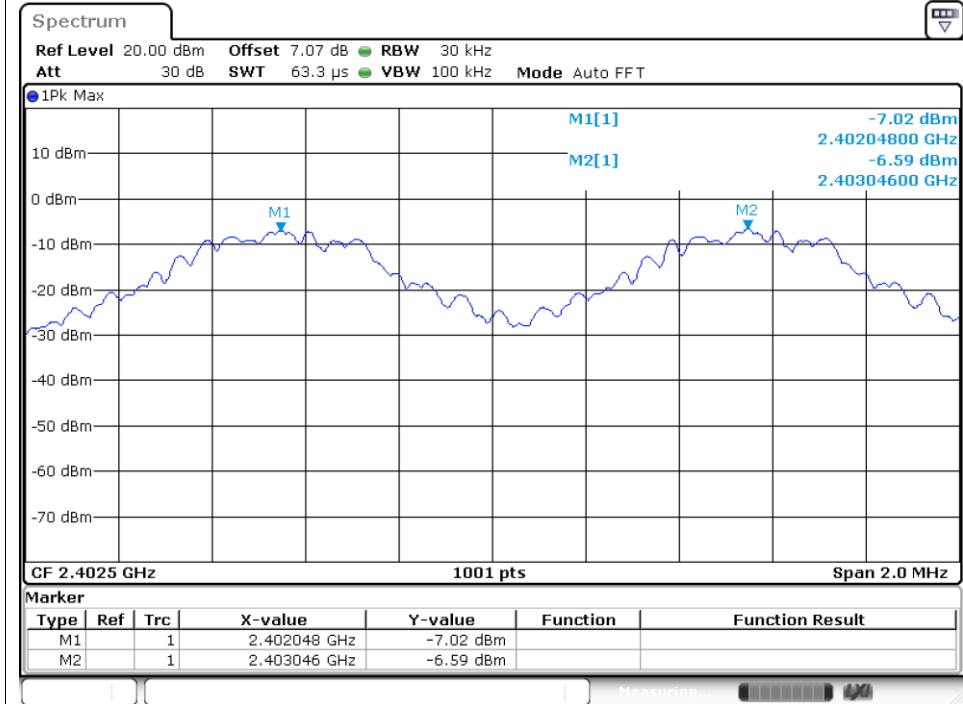


8.2.5 Carrier Frequencies Separation

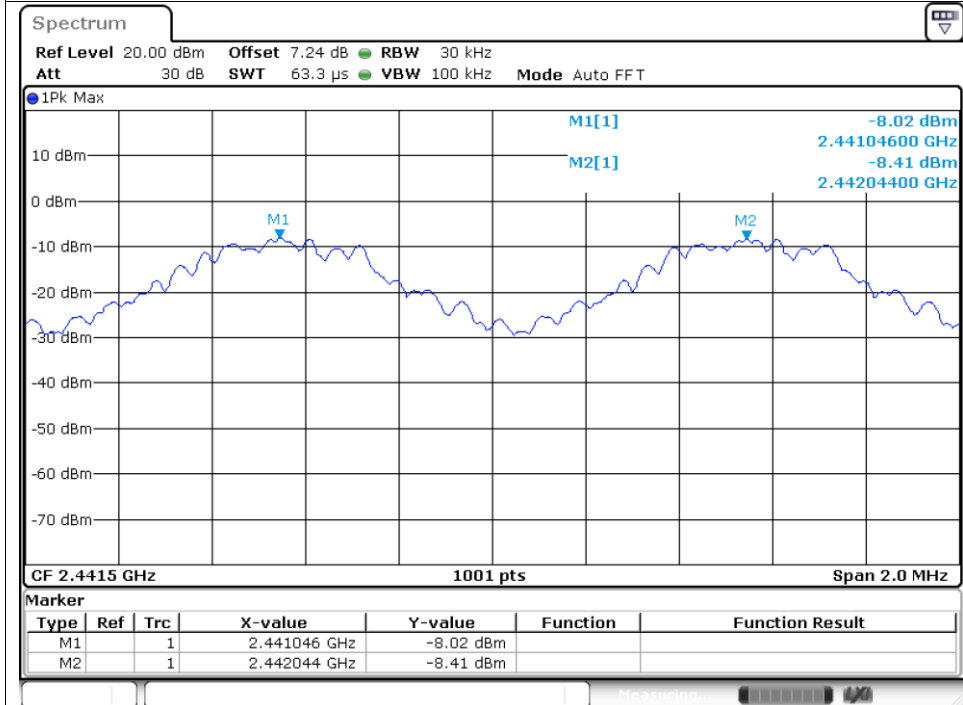
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.048	2403.046	0.998	0.631	Pass
NVNT	1-DH5	Ant1	2441.046	2442.044	0.998	0.631	Pass
NVNT	1-DH5	Ant1	2479.11	2480.11	1	0.627	Pass
NVNT	2-DH5	Ant1	2402.127	2403.13	1.003	0.853	Pass
NVNT	2-DH5	Ant1	2441.128	2442.131	1.003	0.852	Pass
NVNT	2-DH5	Ant1	2479.058	2479.99	0.932	0.852	Pass

Test Graphs

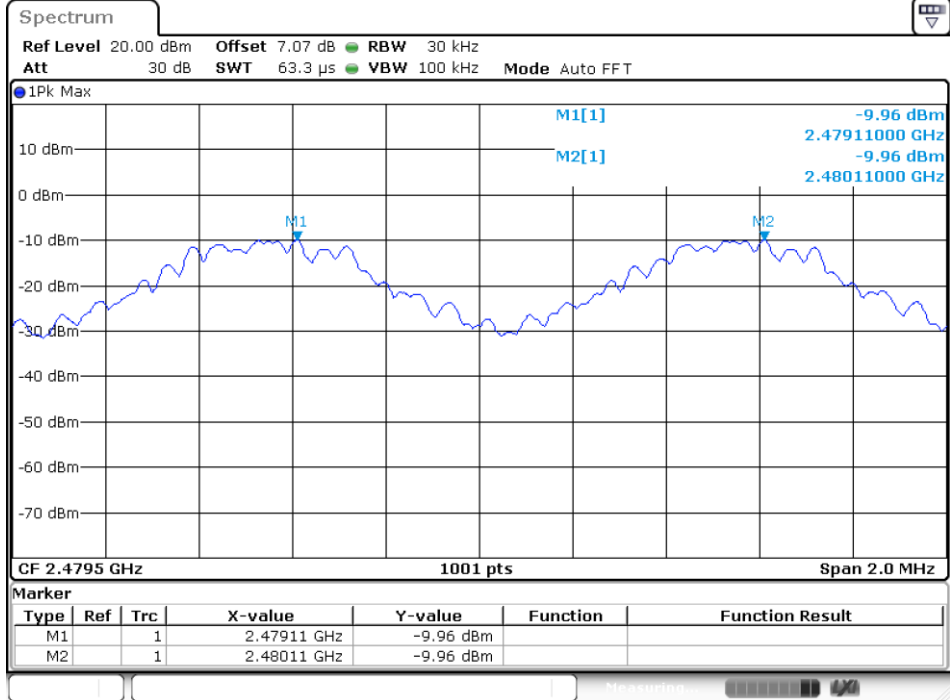
CFS NVNT 1-DH5 2402MHz Ant1



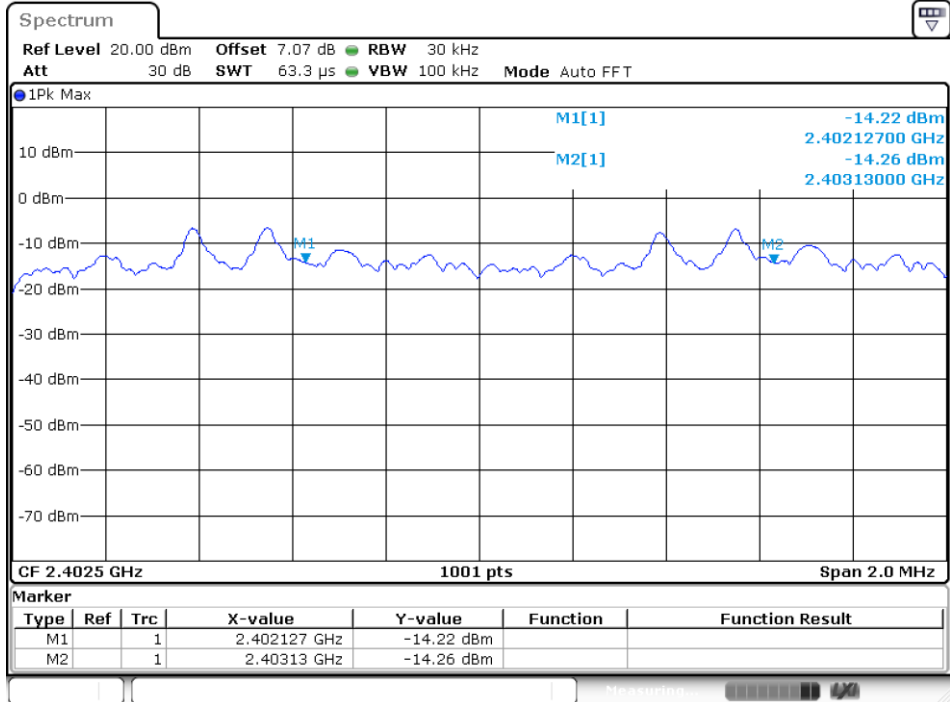
CFS NVNT 1-DH5 2441MHz Ant1



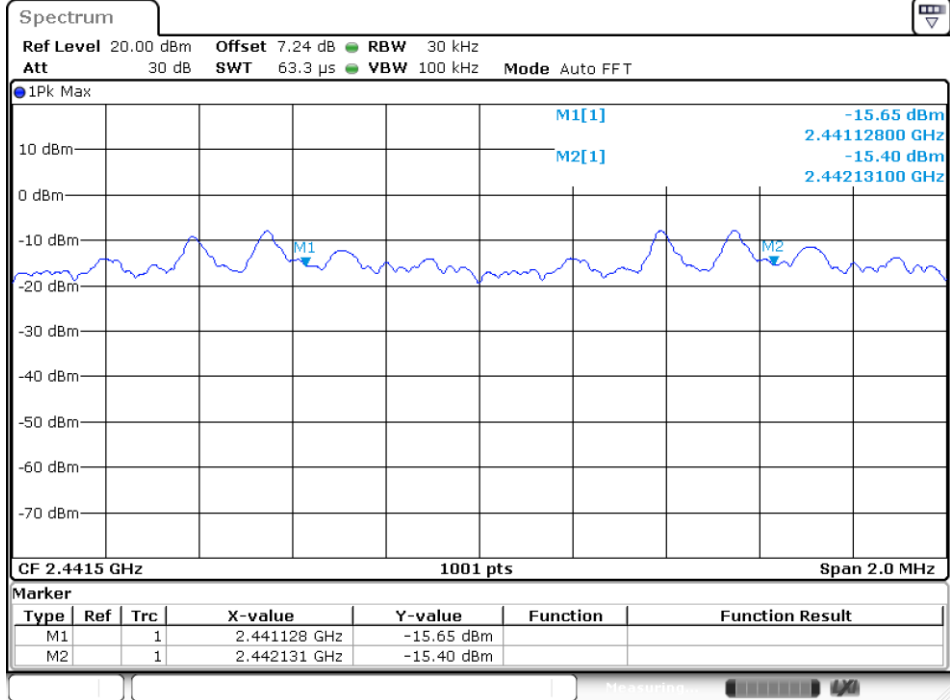
CFS NVNT 1-DH5 2480MHz Ant1



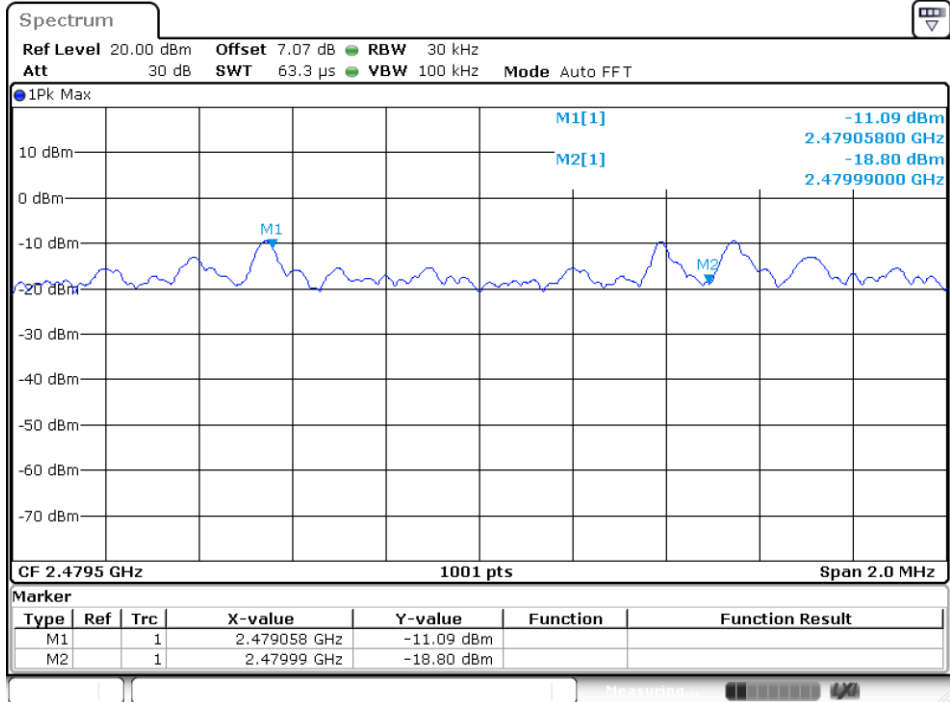
CFS NVNT 2-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2441MHz Ant1



CFS NVNT 2-DH5 2480MHz Ant1

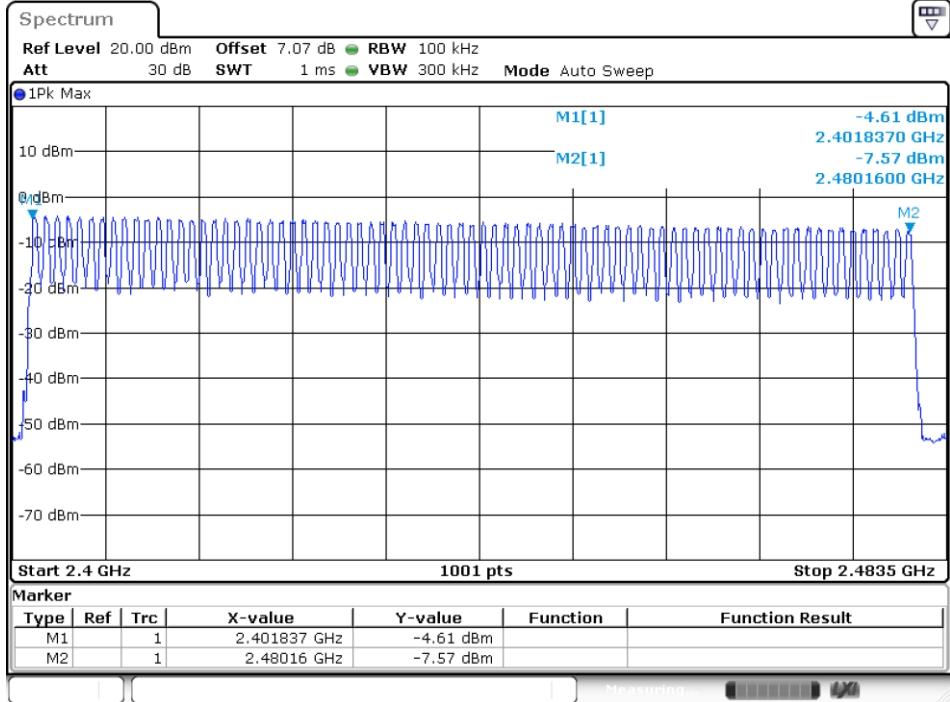


8.2.6 Number of Hopping Channel

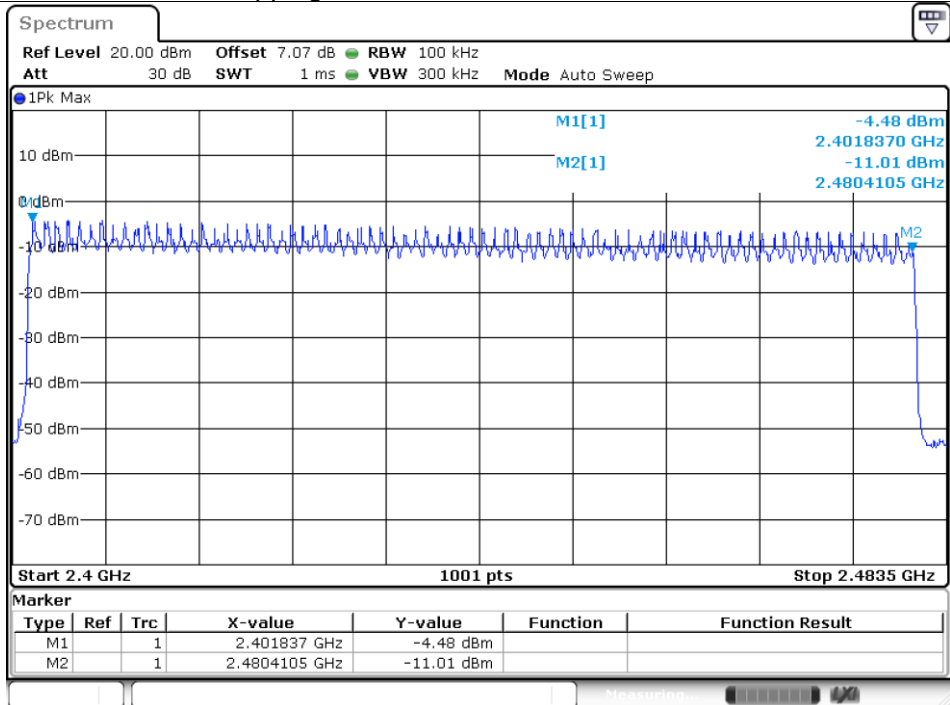
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass

Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

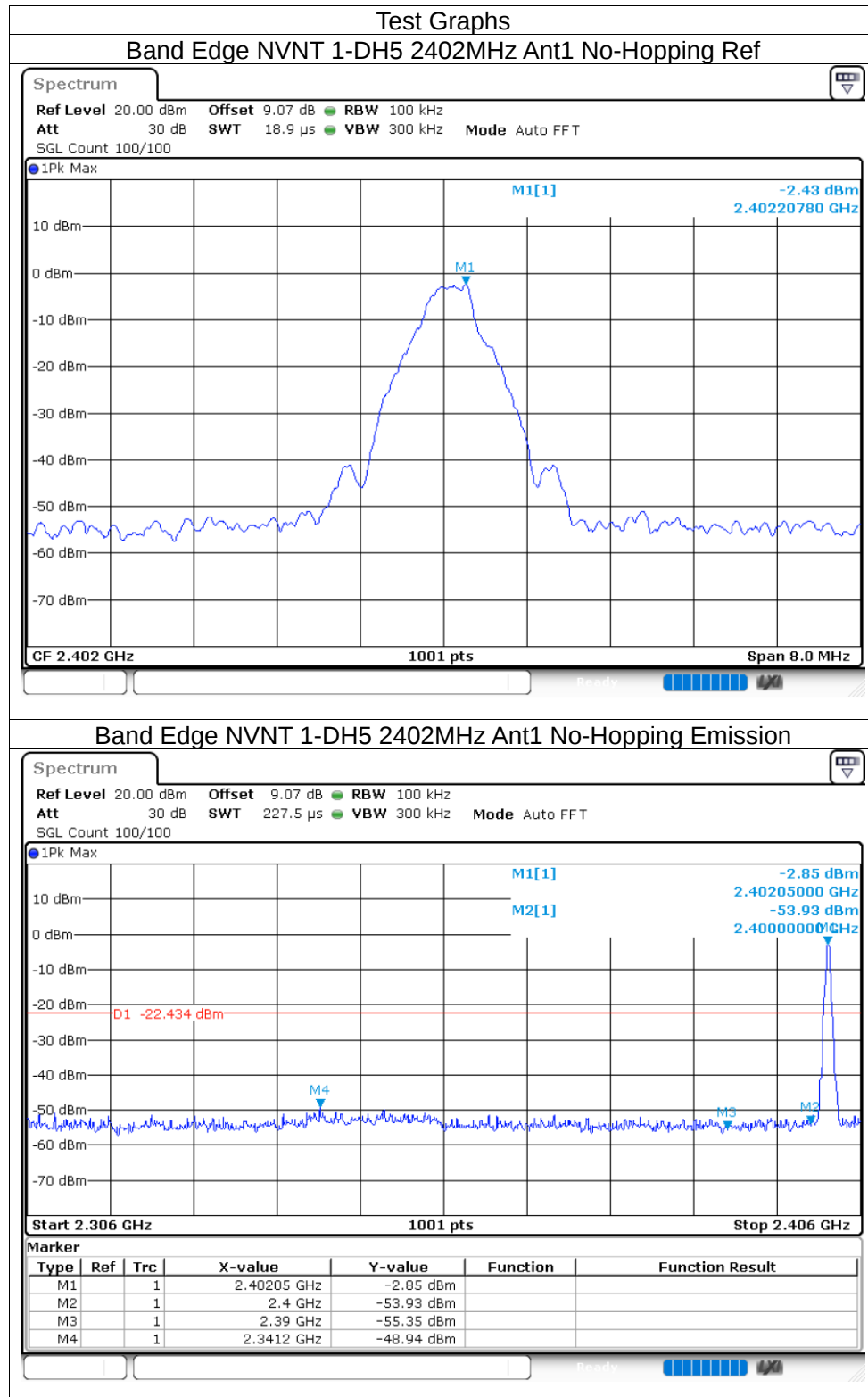


Hopping No. NVNT 2-DH5 2402MHz Ant1



8.2.7 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-46.5	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-45.78	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-45.88	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-45.08	-20	Pass

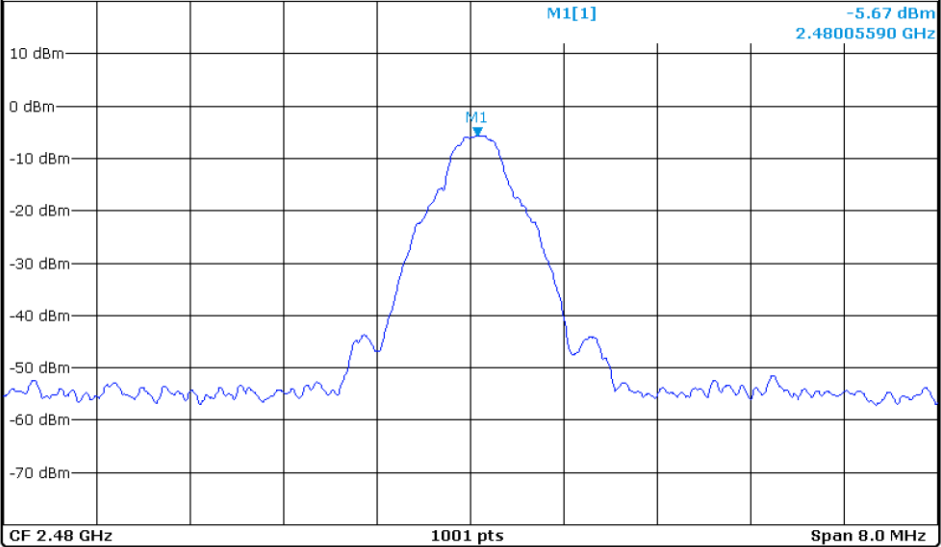


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

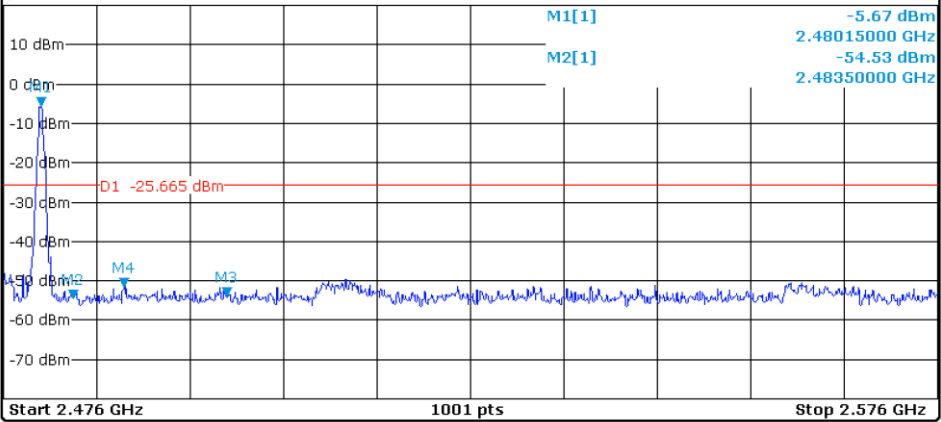


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 9.07 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

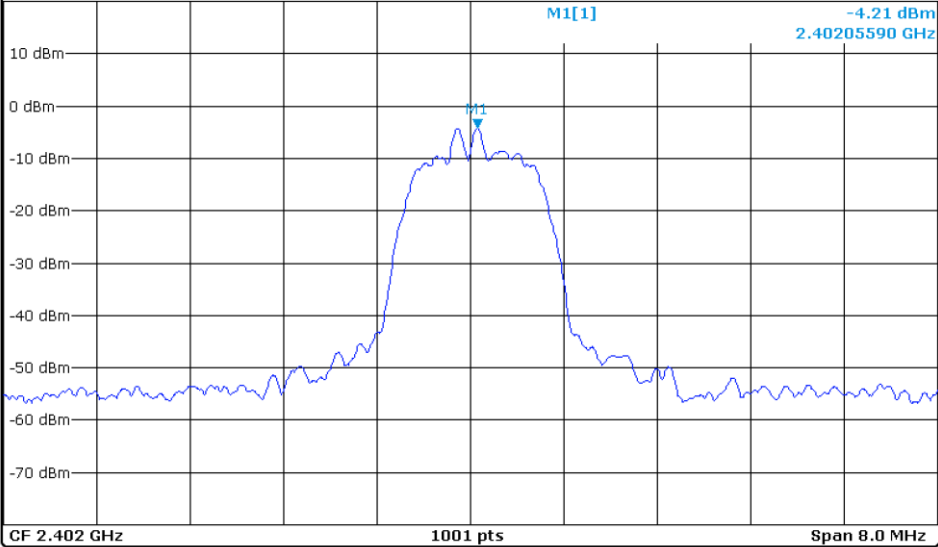
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48015 GHz	-5.67 dBm		
M2		1	2.4835 GHz	-54.53 dBm		
M3		1	2.5 GHz	-53.99 dBm		
M4		1	2.489 GHz	-51.46 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

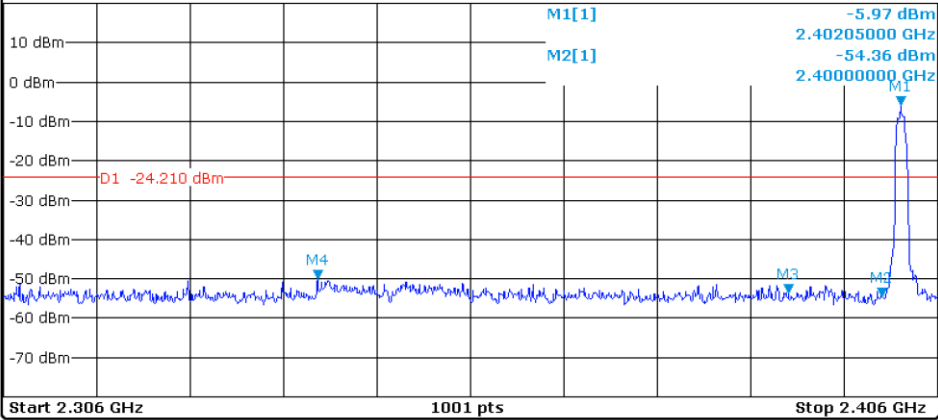


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 9.07 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

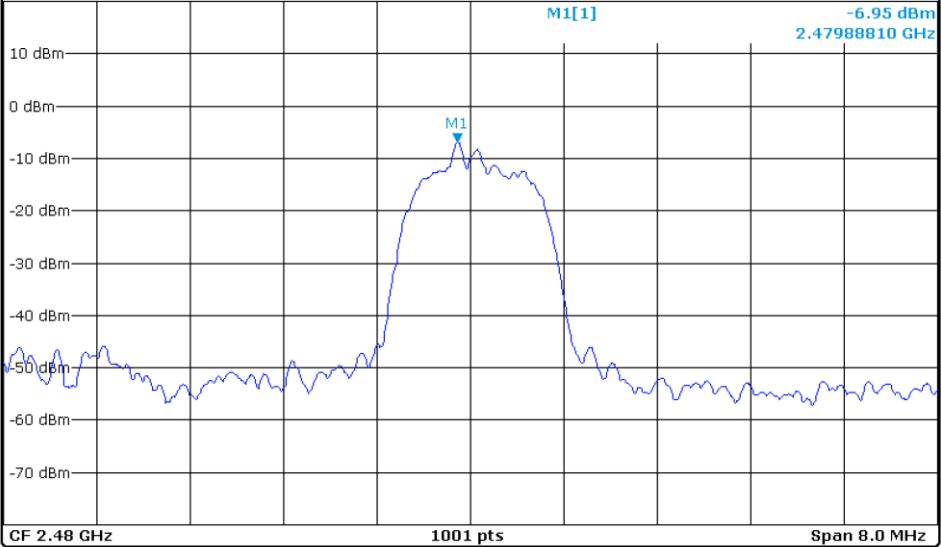
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40205 GHz	-5.97 dBm		
M2		1	2.4 GHz	-54.36 dBm		
M3		1	2.39 GHz	-53.58 dBm		
M4		1	2.3397 GHz	-50.10 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

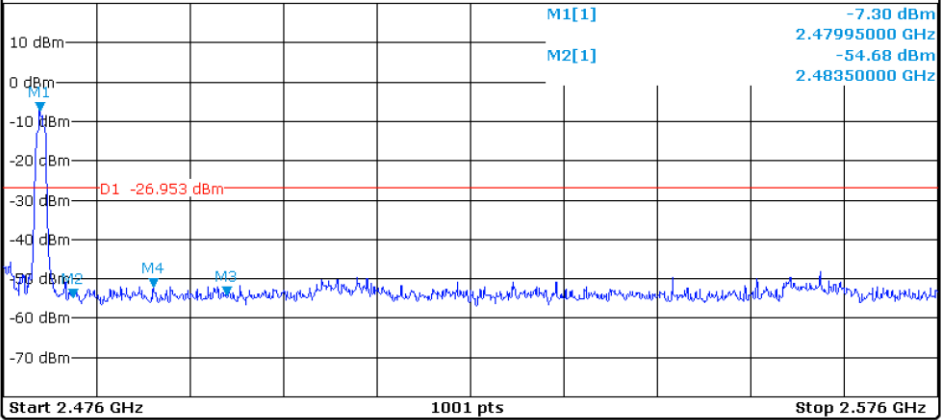


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 9.07 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	2.47995 GHz	-7.30 dBm		
M2		1	2.4835 GHz	-54.68 dBm		
M3		1	2.5 GHz	-54.21 dBm		
M4		1	2.4921 GHz	-52.04 dBm		

8.2.8 Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-45.73	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-46.07	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-46.56	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-44.96	-20	Pass

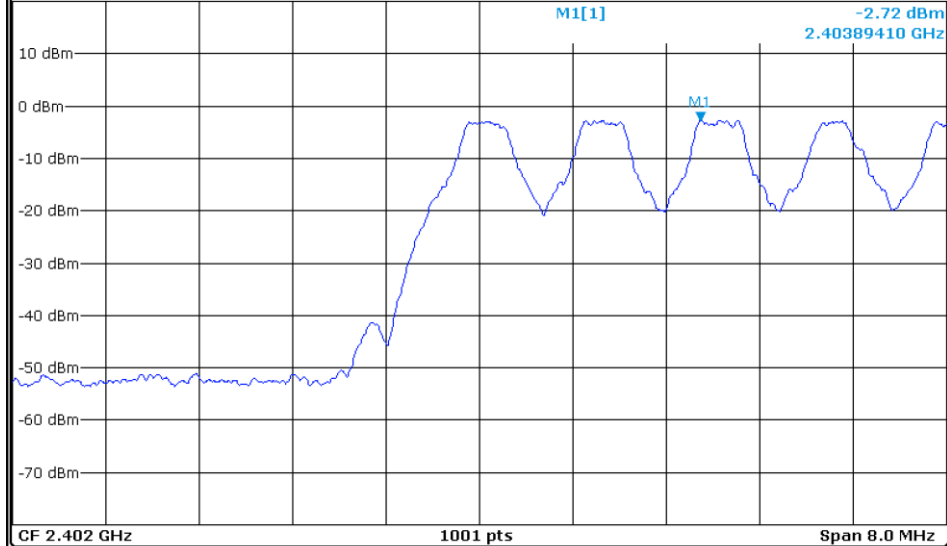
Test Graphs

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

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

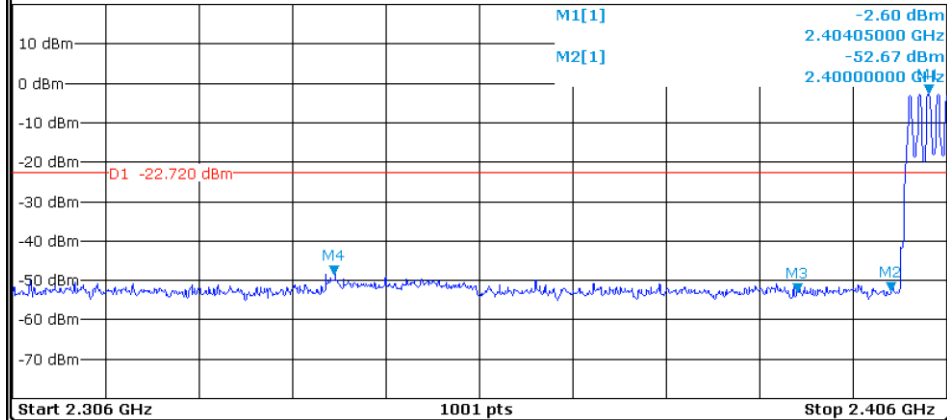


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 9.07 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

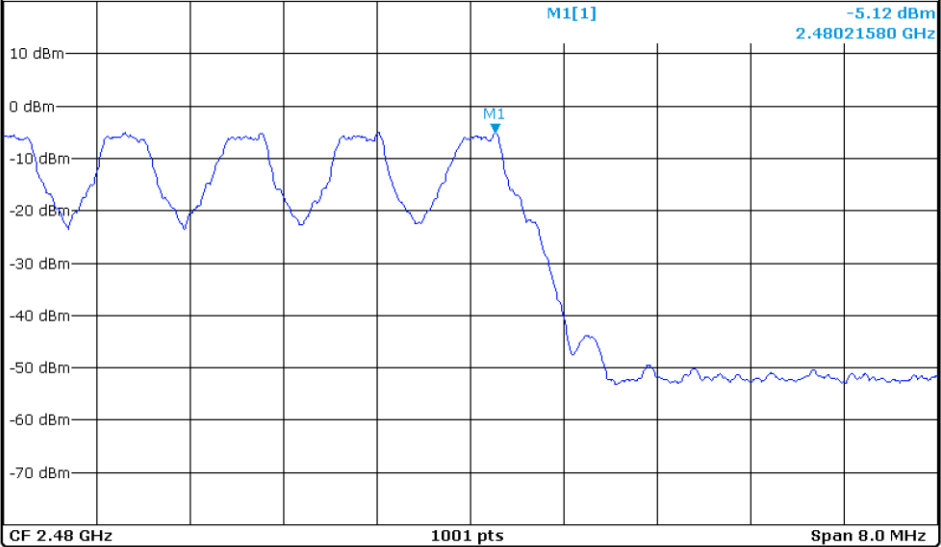
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40405 GHz	-2.60 dBm		
M2	1		2.4 GHz	-52.67 dBm		
M3	1		2.39 GHz	-52.96 dBm		
M4	1		2.3405 GHz	-48.46 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

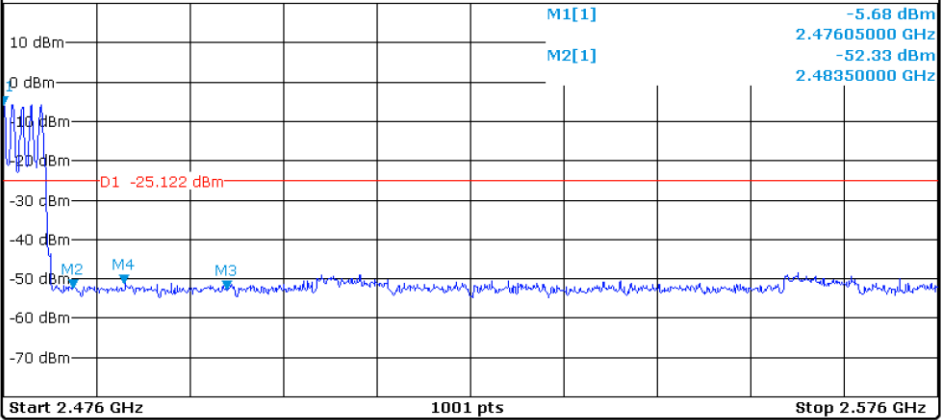


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 9.07 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

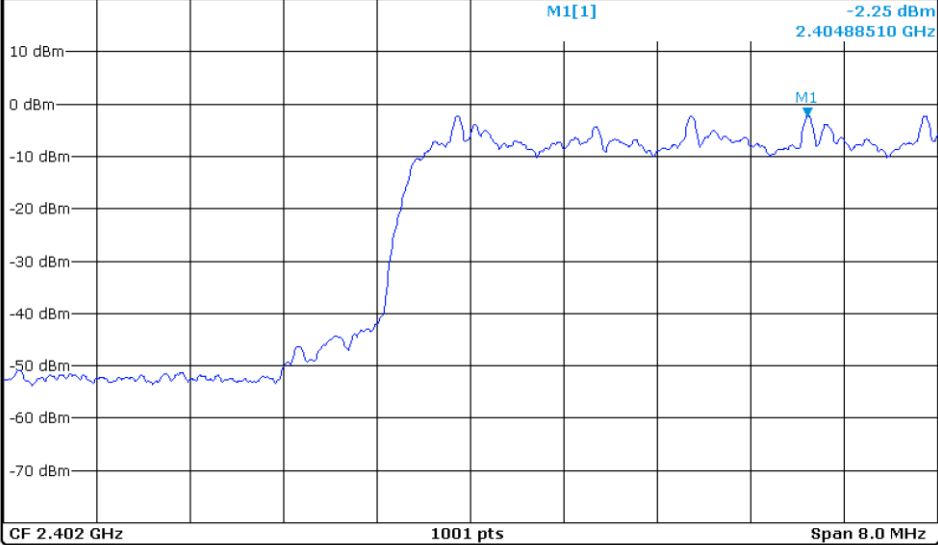
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47605 GHz	-5.68 dBm		
M2	1		2.4835 GHz	-52.33 dBm		
M3	1		2.5 GHz	-52.64 dBm		
M4	1		2.489 GHz	-51.20 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

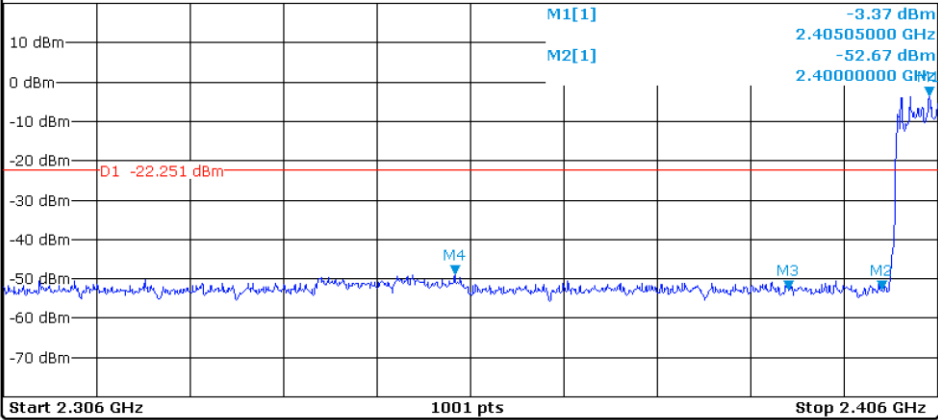


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 9.07 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

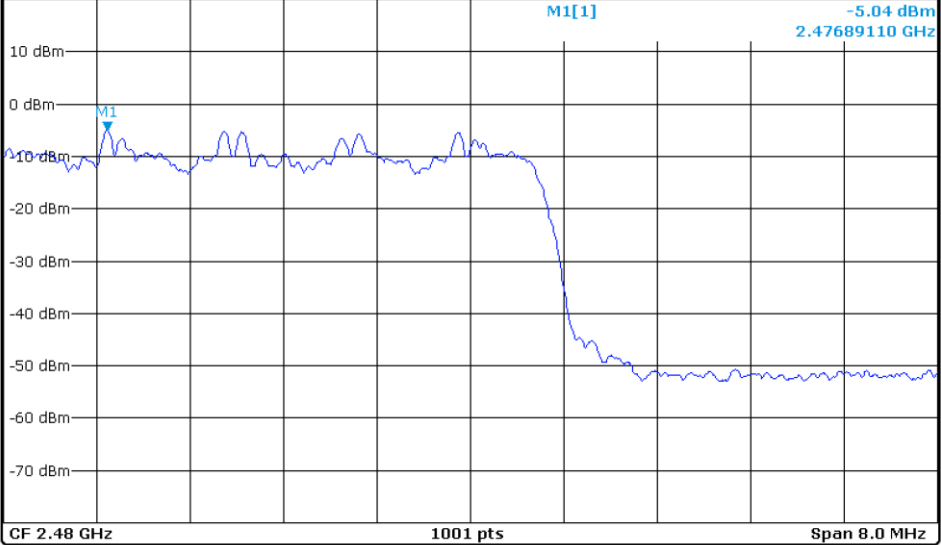
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40505 GHz	-3.37 dBm		
M2		1	2.4 GHz	-52.67 dBm		
M3		1	2.39 GHz	-52.53 dBm		
M4		1	2.3543 GHz	-48.82 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 9.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

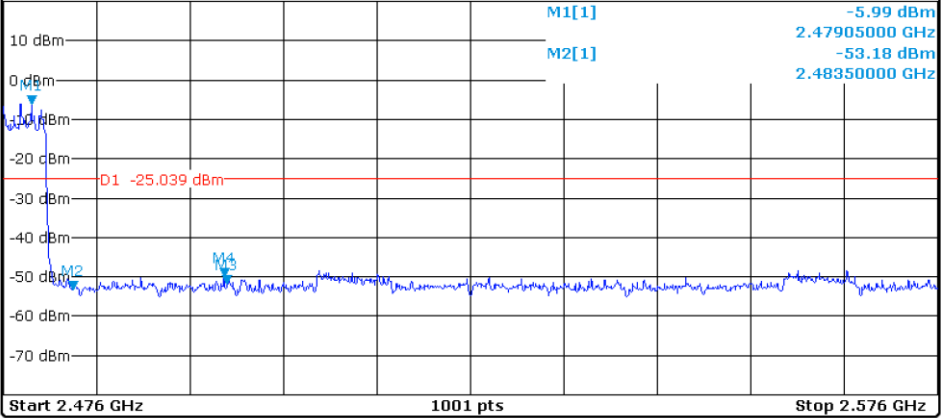


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 9.07 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

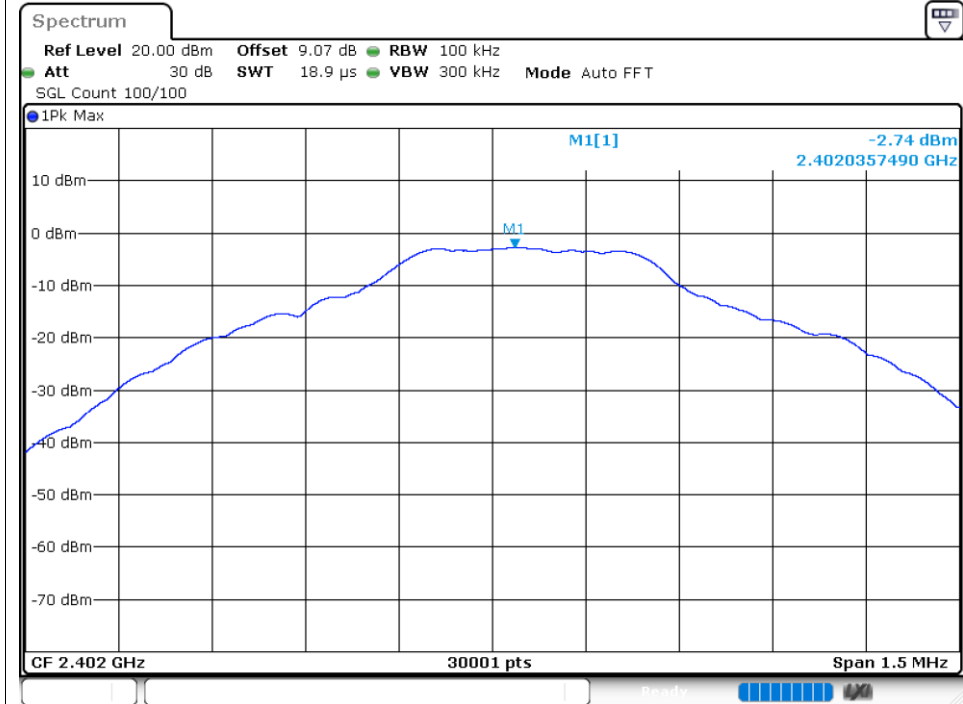
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47905 GHz	-5.99 dBm		
M2		1	2.4835 GHz	-53.18 dBm		
M3		1	2.5 GHz	-51.73 dBm		
M4		1	2.4997 GHz	-50.00 dBm		

8.2.9 Conducted RF Spurious Emission

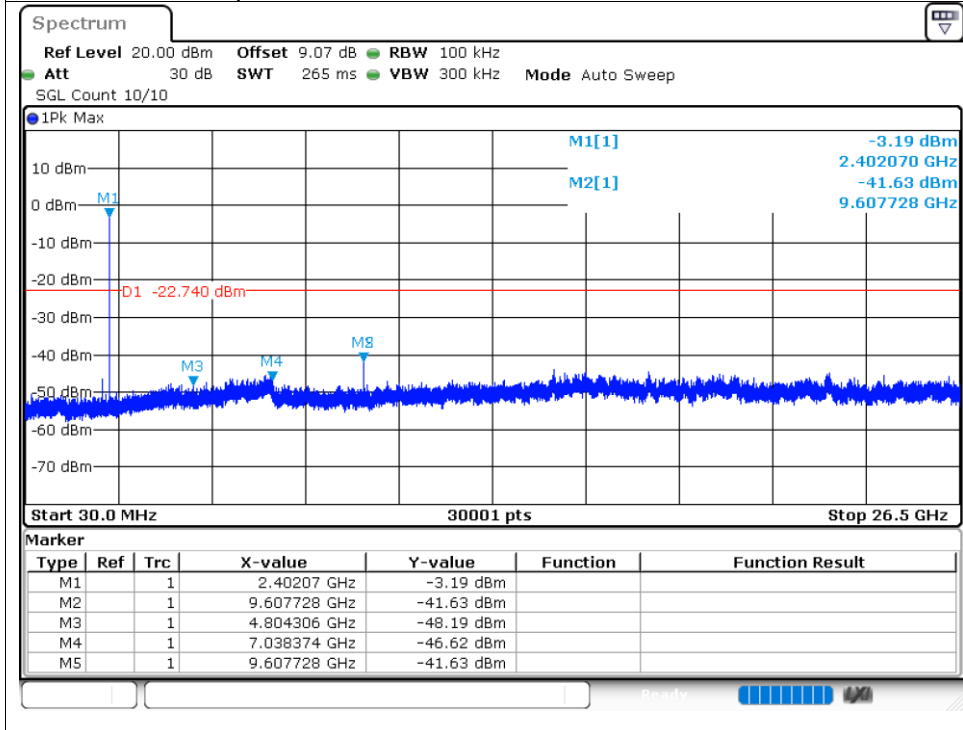
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-38.88	-20	Pass
NVNT	1-DH5	2441	Ant1	-36.28	-20	Pass
NVNT	1-DH5	2480	Ant1	-34.37	-20	Pass
NVNT	2-DH5	2402	Ant1	-37.61	-20	Pass
NVNT	2-DH5	2441	Ant1	-33.15	-20	Pass
NVNT	2-DH5	2480	Ant1	-32.29	-20	Pass

Test Graphs

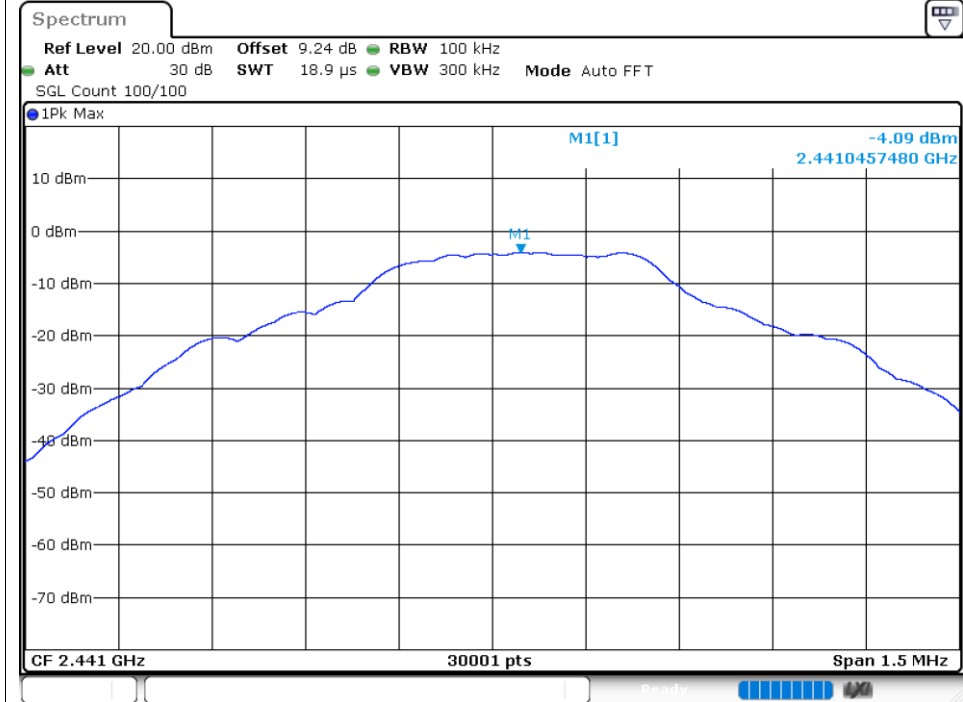
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



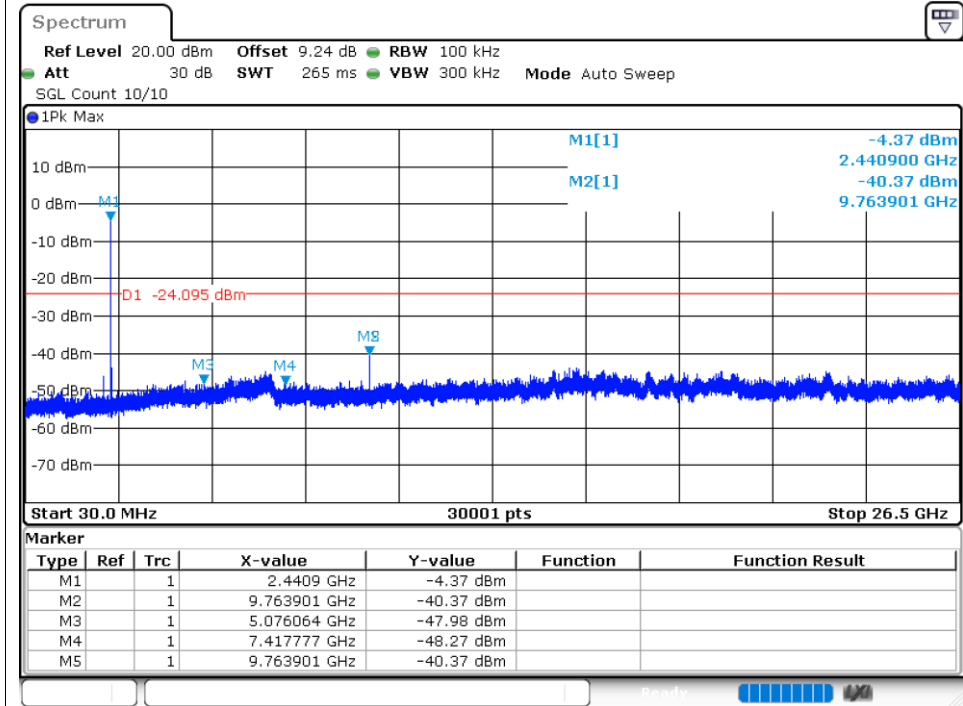
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



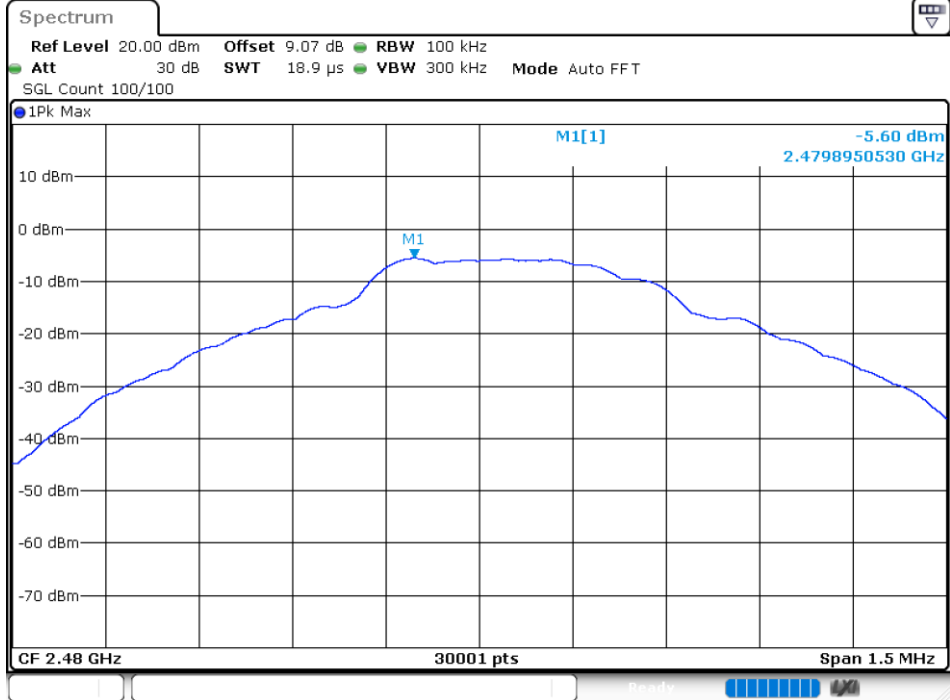
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



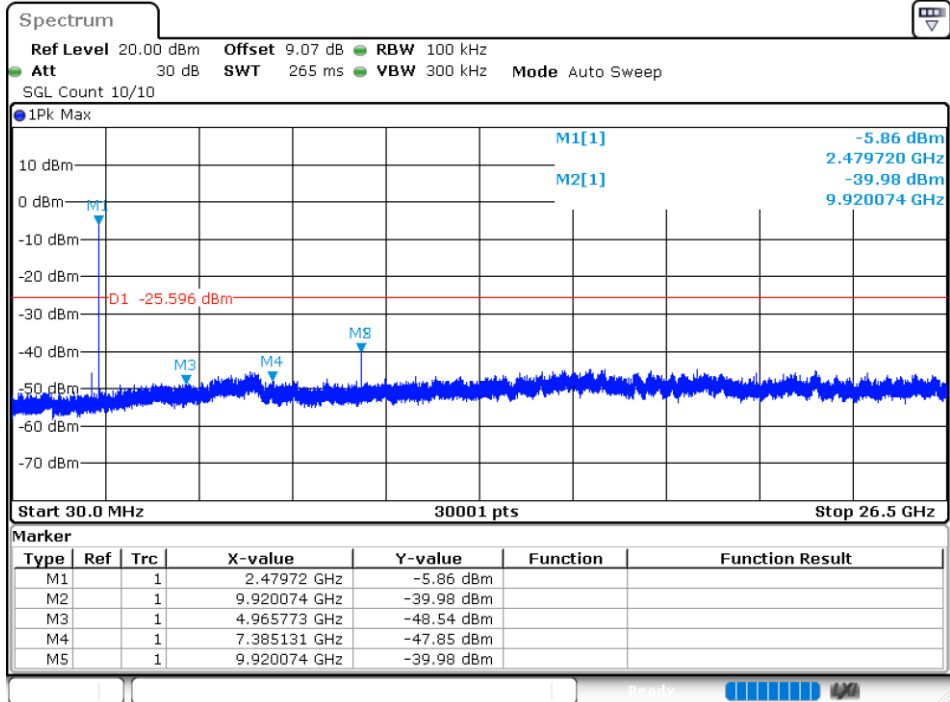
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



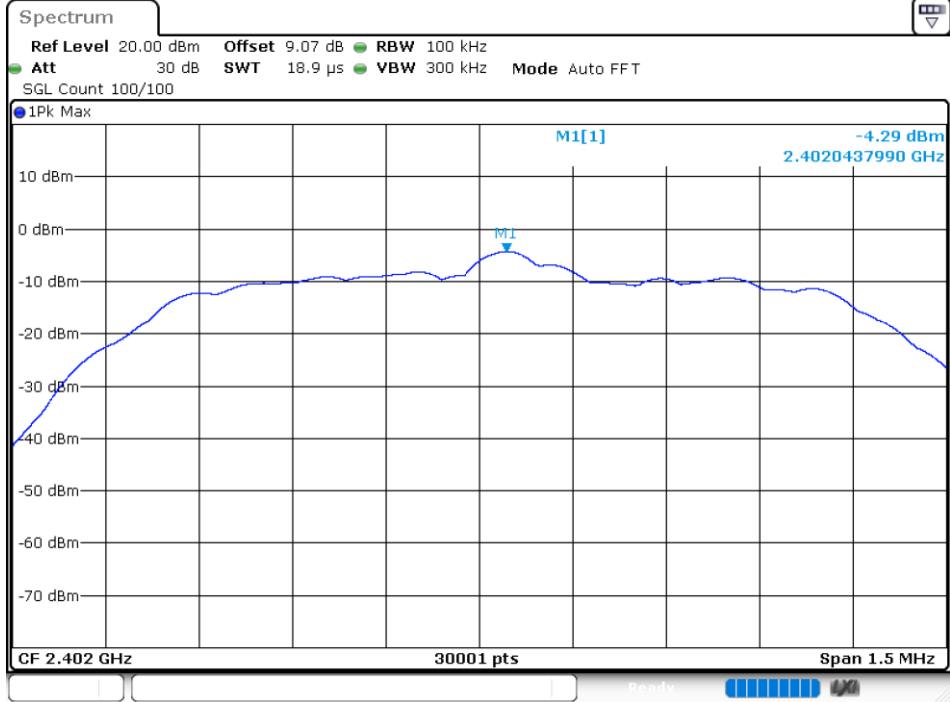
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



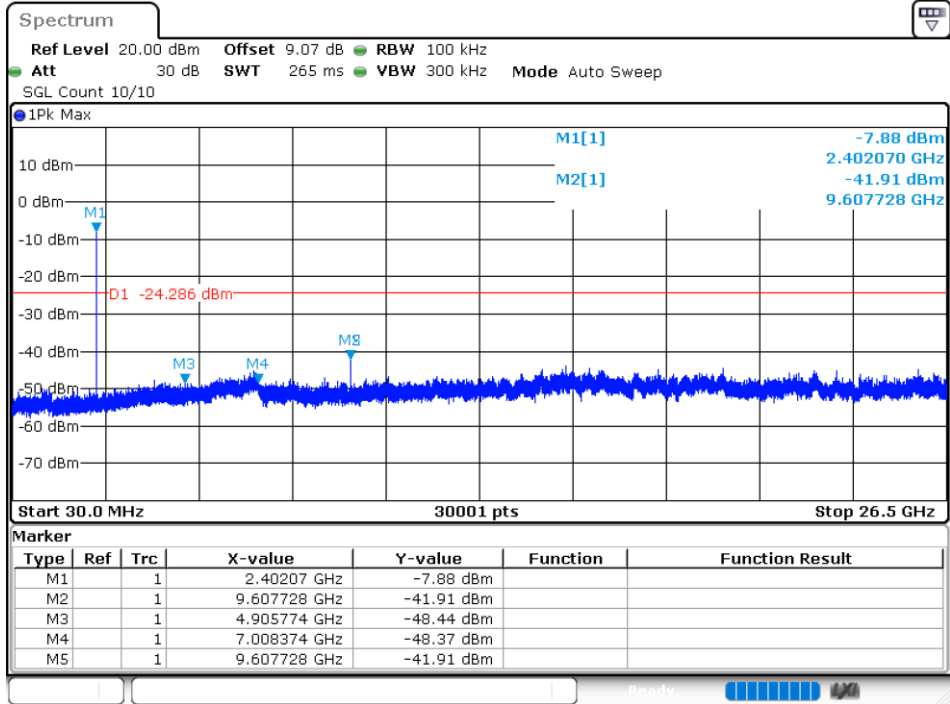
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



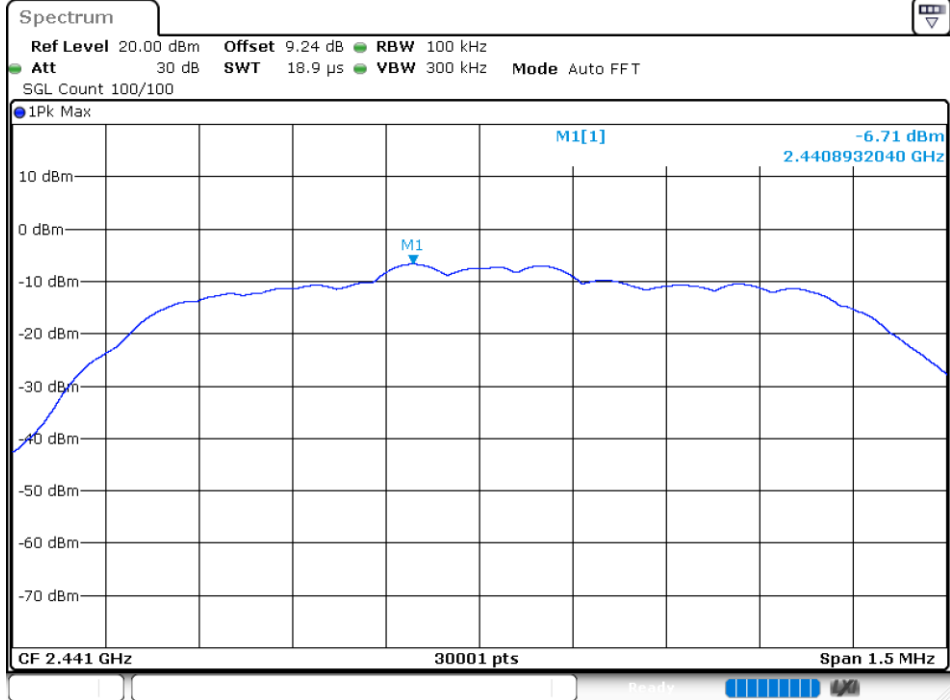
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



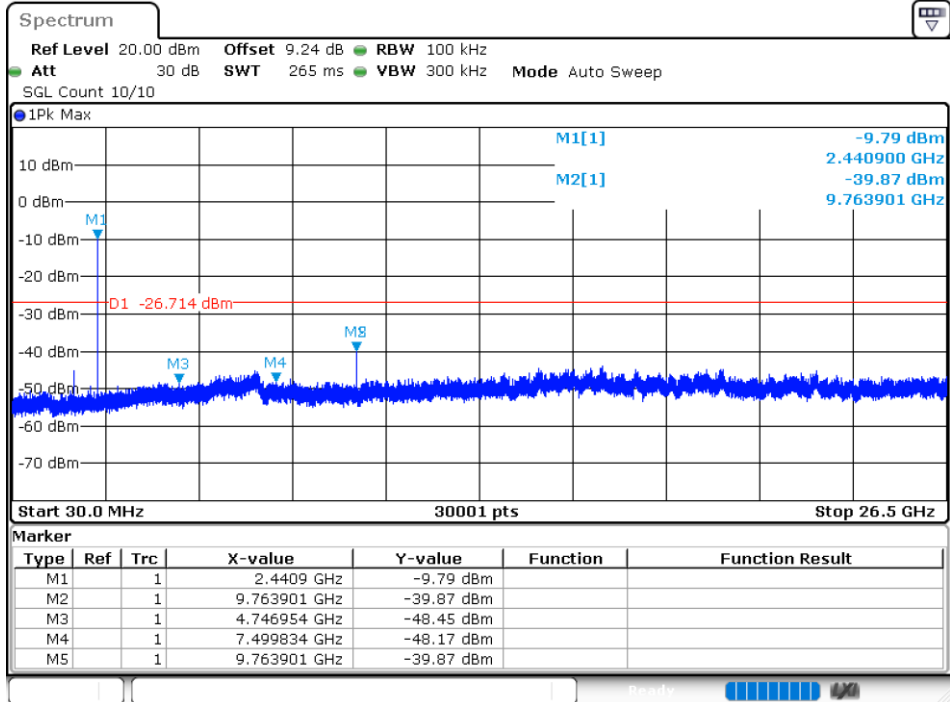
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



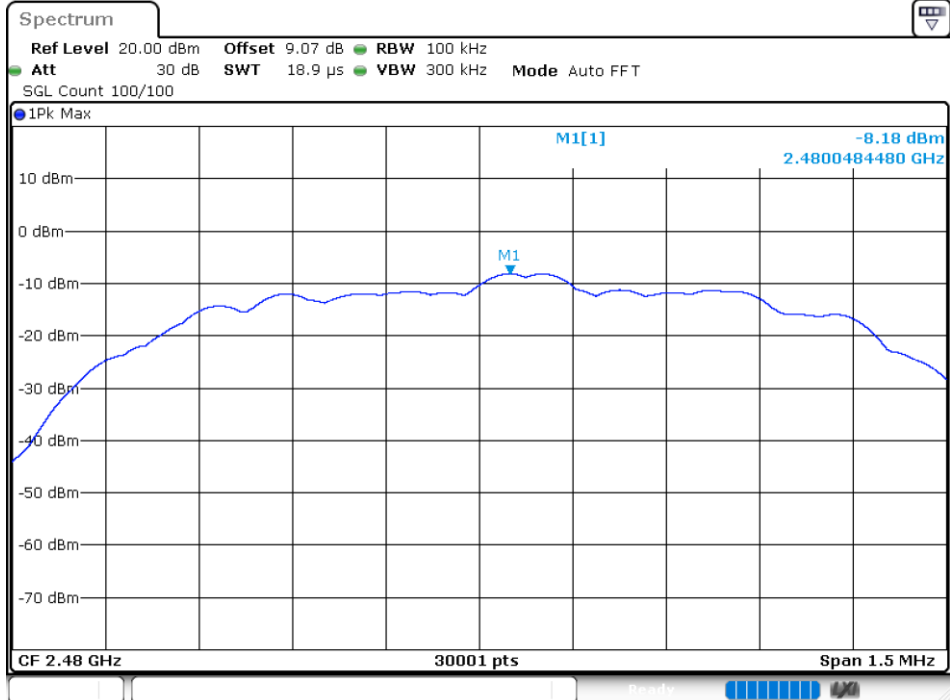
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



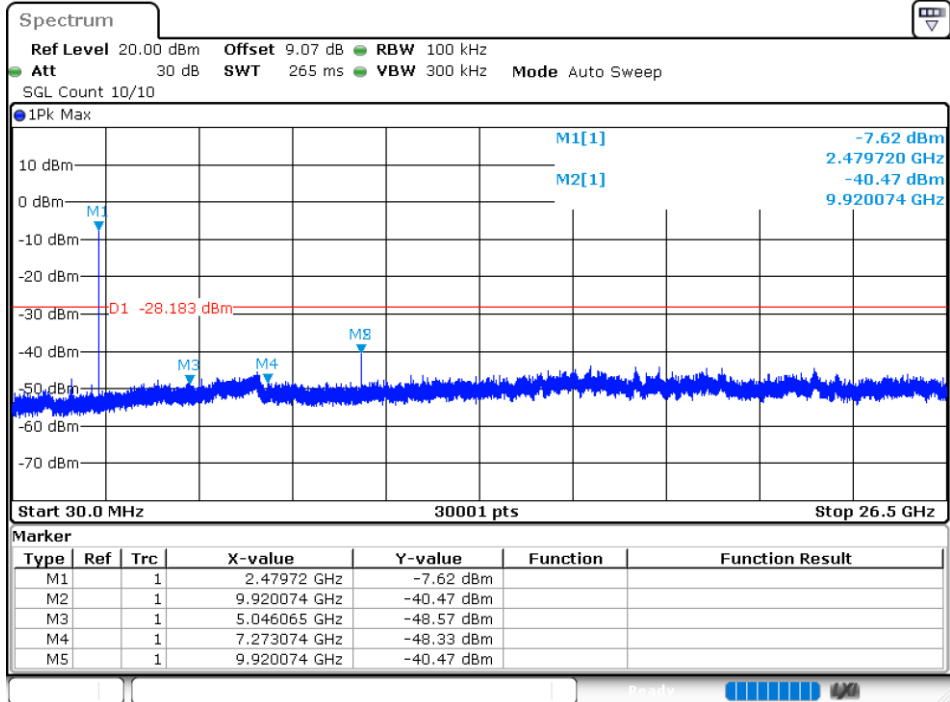
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



END OF REPORT