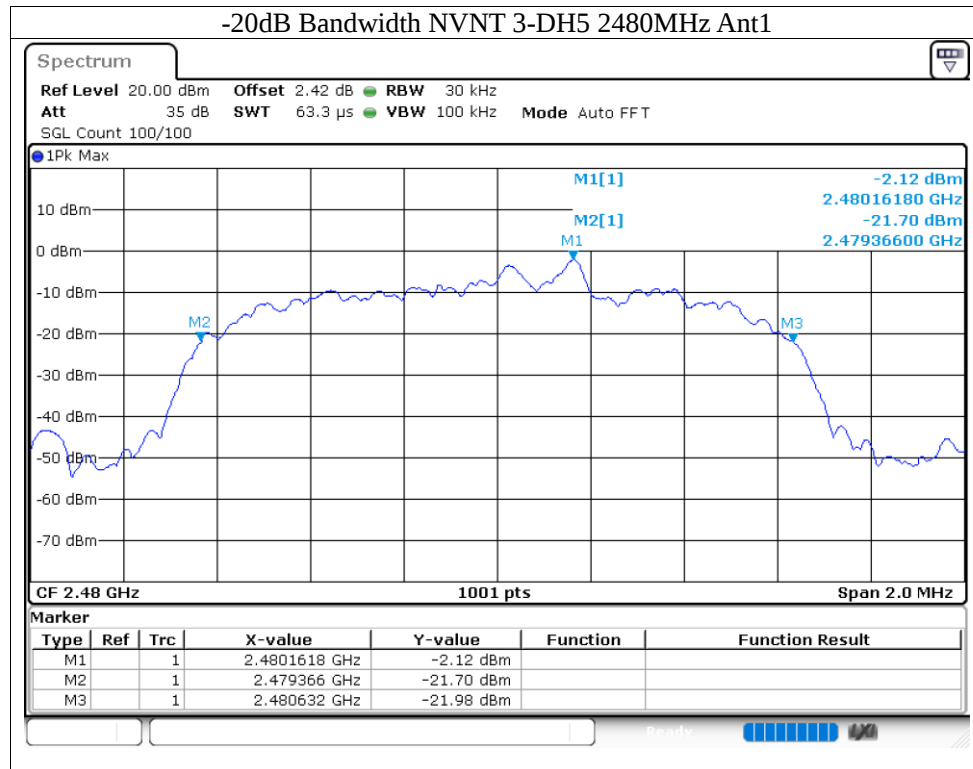


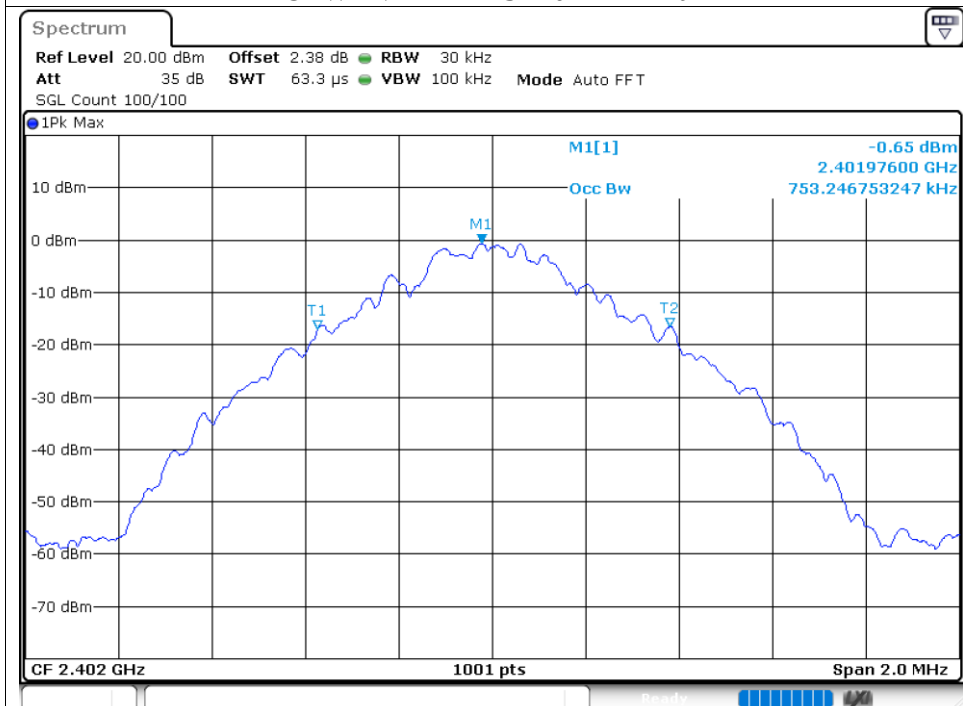


8.4 Occupied Channel Bandwidth

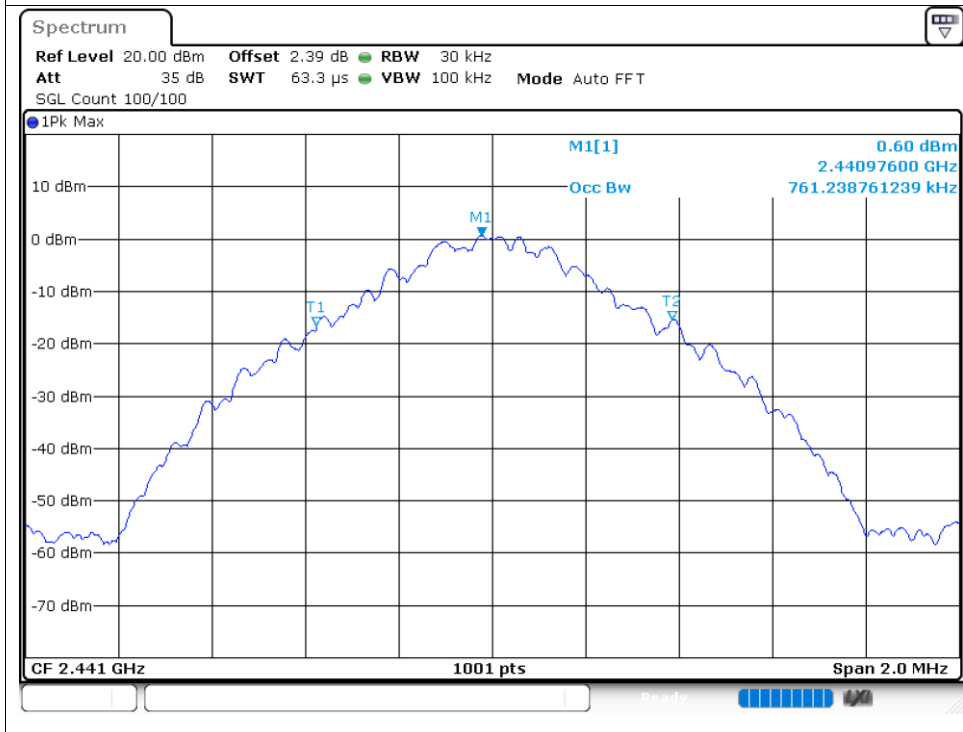
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.753
NVNT	1-DH5	2441	Ant1	0.761
NVNT	1-DH5	2480	Ant1	0.755
NVNT	2-DH5	2402	Ant1	1.169
NVNT	2-DH5	2441	Ant1	1.153
NVNT	2-DH5	2480	Ant1	1.159
NVNT	3-DH5	2402	Ant1	1.165
NVNT	3-DH5	2441	Ant1	1.181
NVNT	3-DH5	2480	Ant1	1.167

Test Graphs

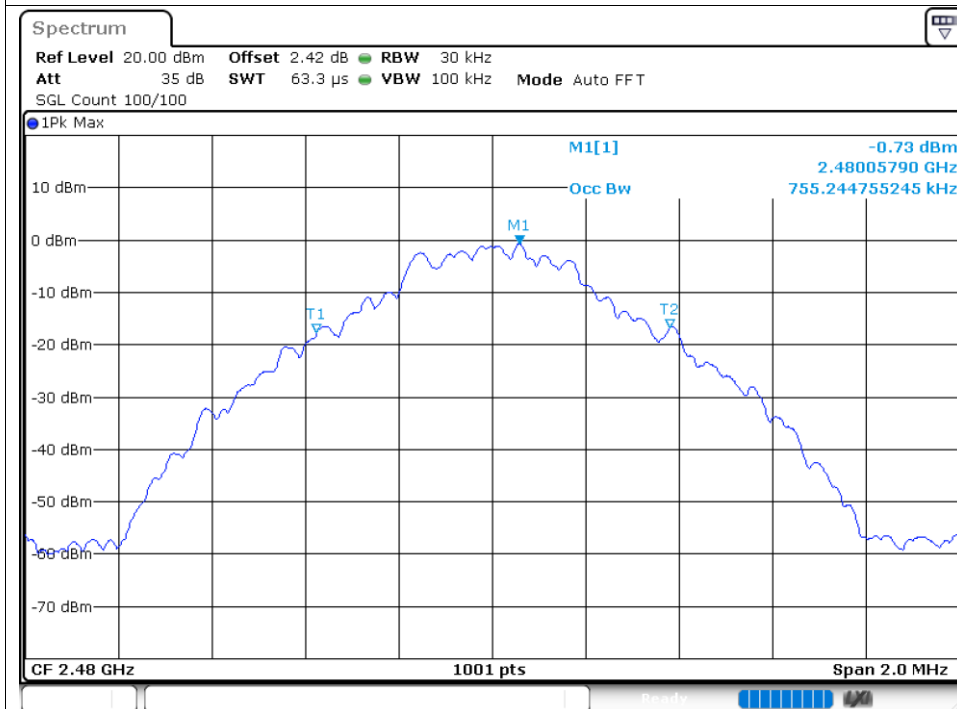
OBW NVNT 1-DH5 2402MHz Ant1



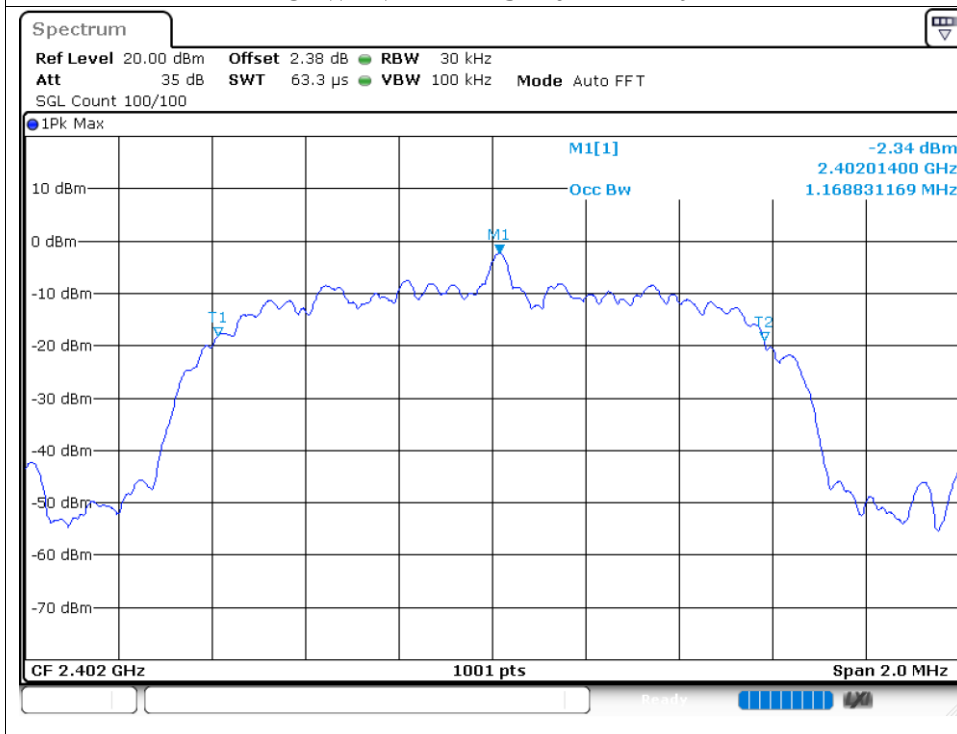
OBW NVNT 1-DH5 2441MHz Ant1



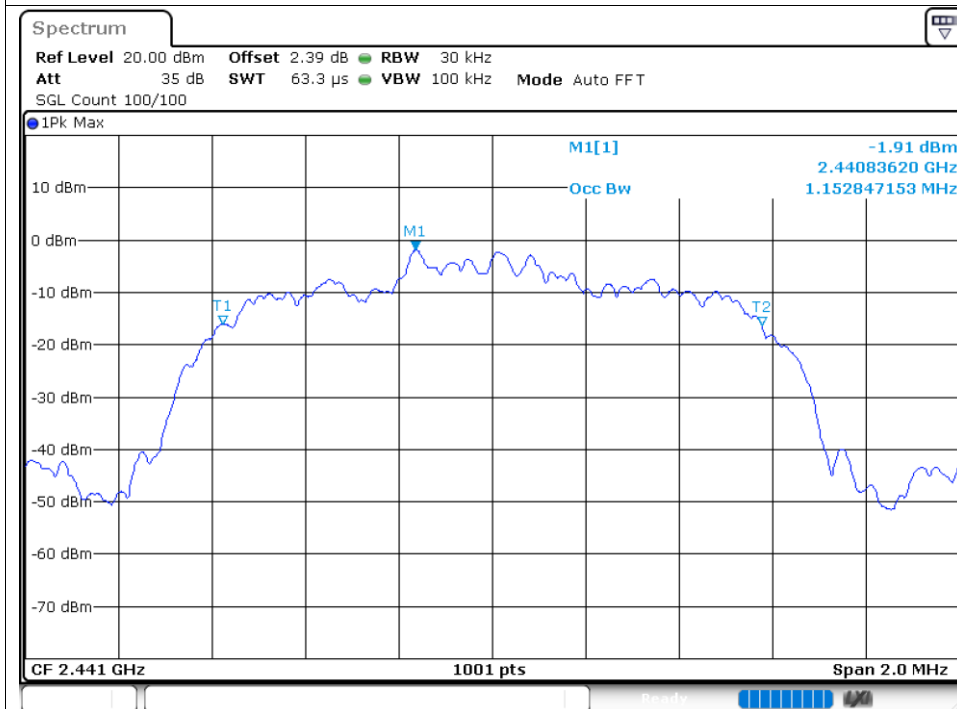
OBW NVNT 1-DH5 2480MHz Ant1



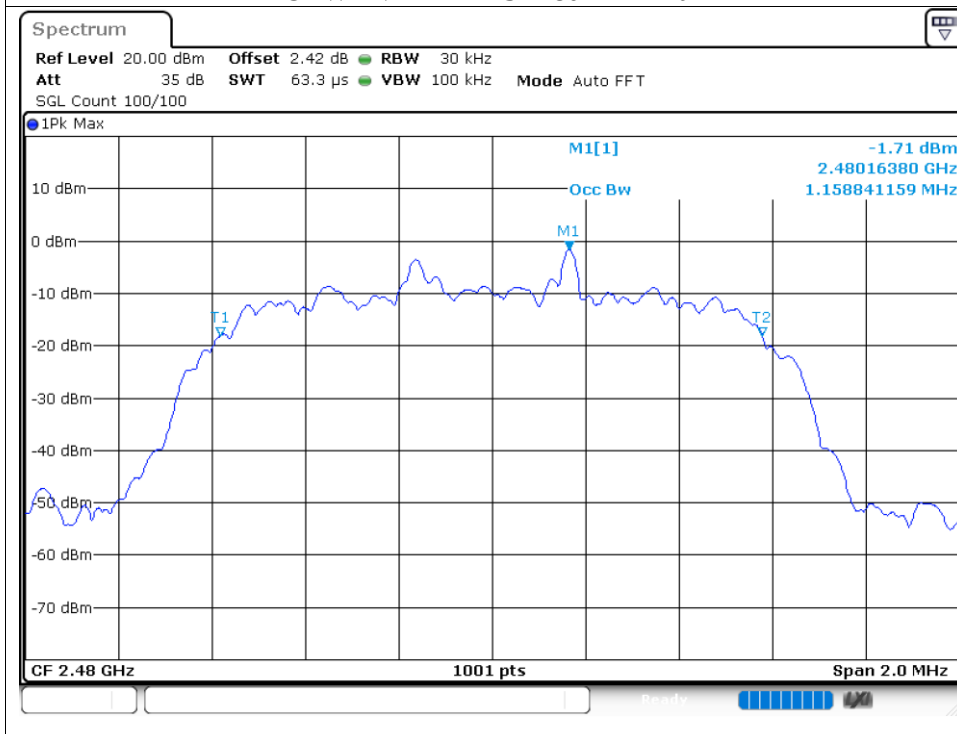
OBW NVNT 2-DH5 2402MHz Ant1



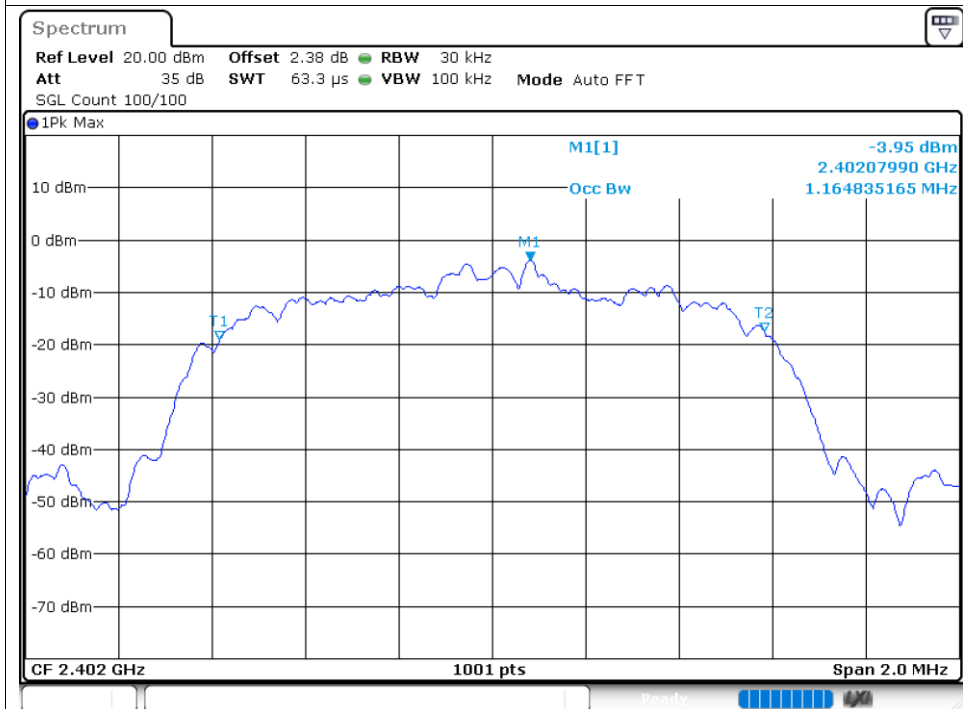
OBW NVNT 2-DH5 2441MHz Ant1



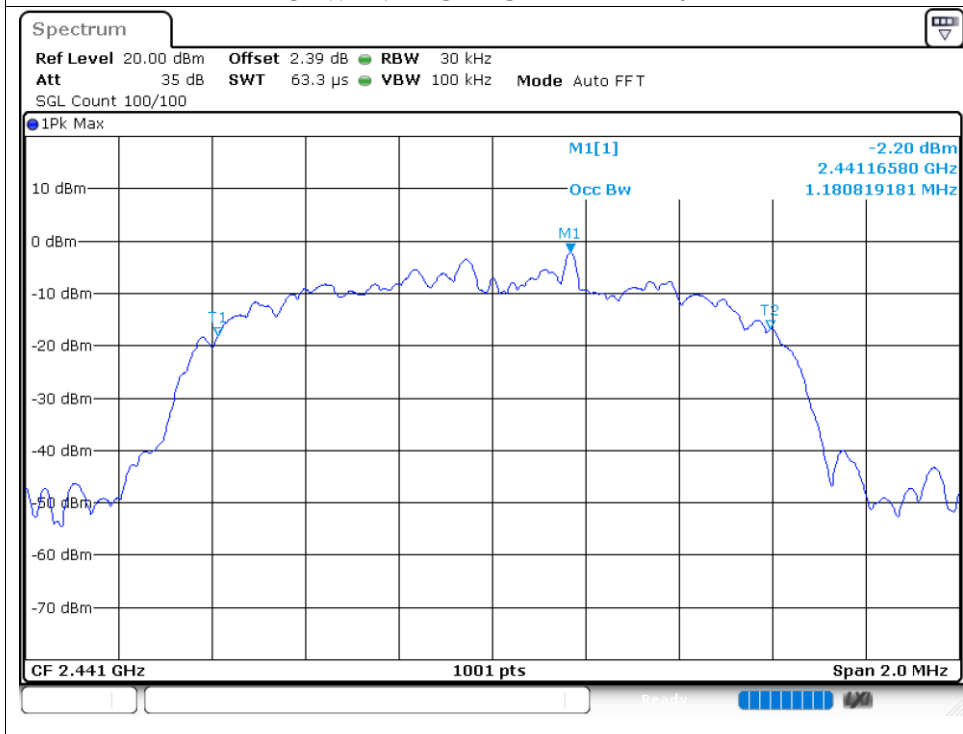
OBW NVNT 2-DH5 2480MHz Ant1

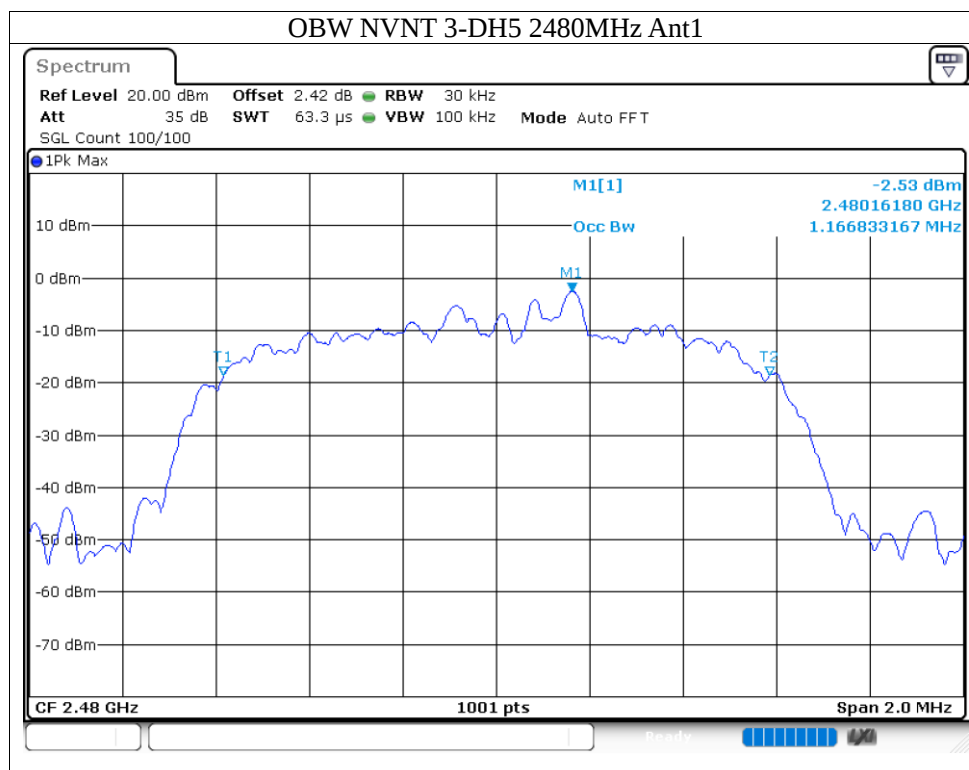


OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



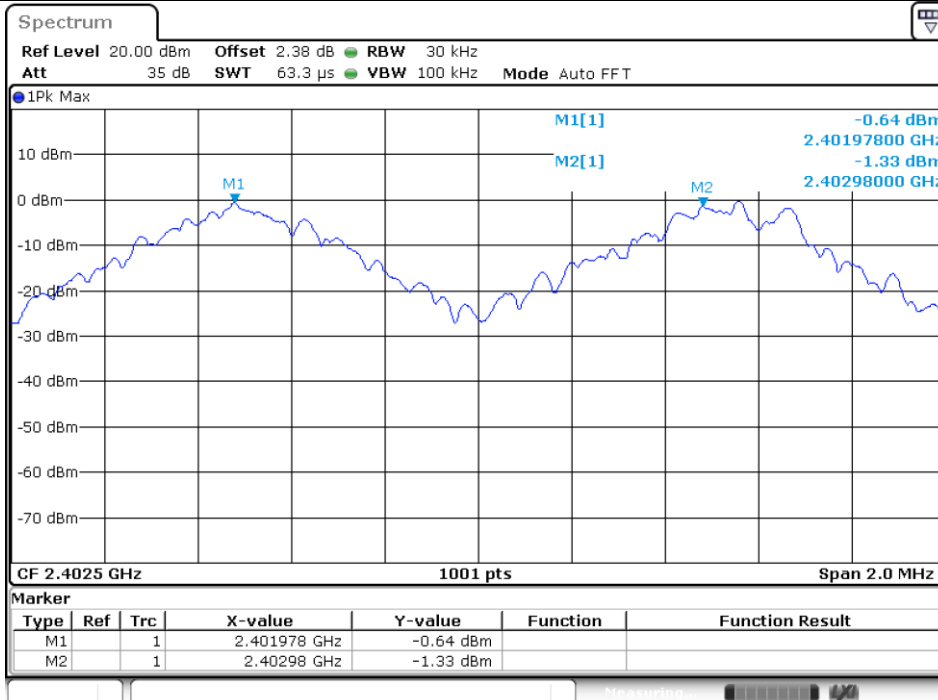


8.5 Carrier Frequencies Separation

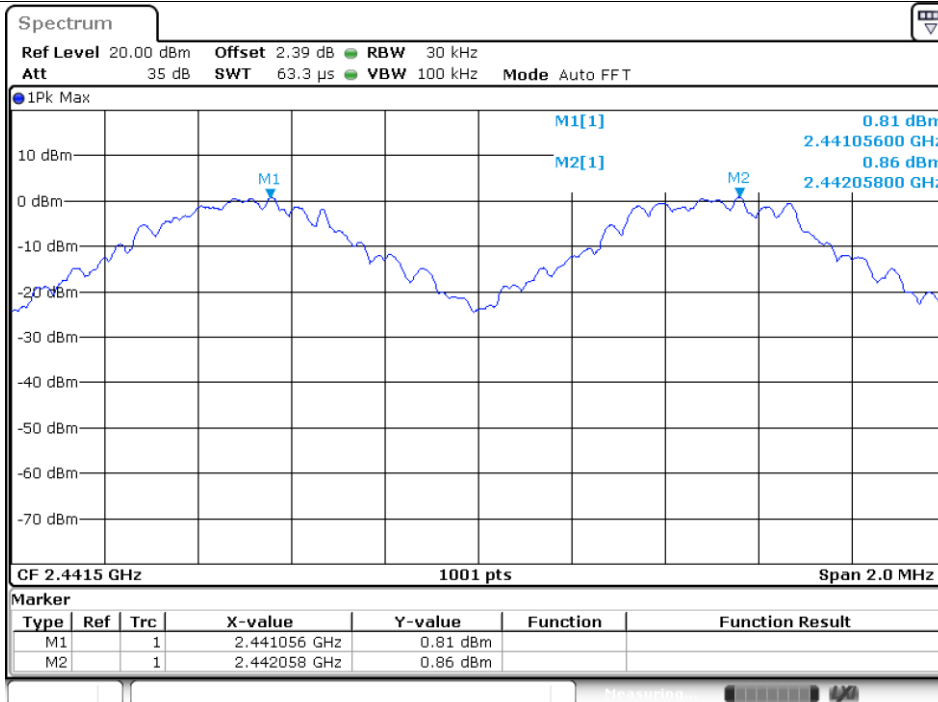
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.978	2402.98	1.002	0.572	Pass
NVNT	1-DH5	Ant1	2441.056	2442.058	1.002	0.561	Pass
NVNT	1-DH5	Ant1	2479.058	2480.058	1	0.572	Pass
NVNT	2-DH5	Ant1	2402.014	2403.014	1	0.851	Pass
NVNT	2-DH5	Ant1	2441.076	2442.082	1.006	0.855	Pass
NVNT	2-DH5	Ant1	2479.008	2480.082	1.074	0.864	Pass
NVNT	3-DH5	Ant1	2401.916	2402.838	0.922	0.84	Pass
NVNT	3-DH5	Ant1	2440.979	2441.91	0.931	0.844	Pass
NVNT	3-DH5	Ant1	2479.162	2480.164	1.002	0.844	Pass

Test Graphs

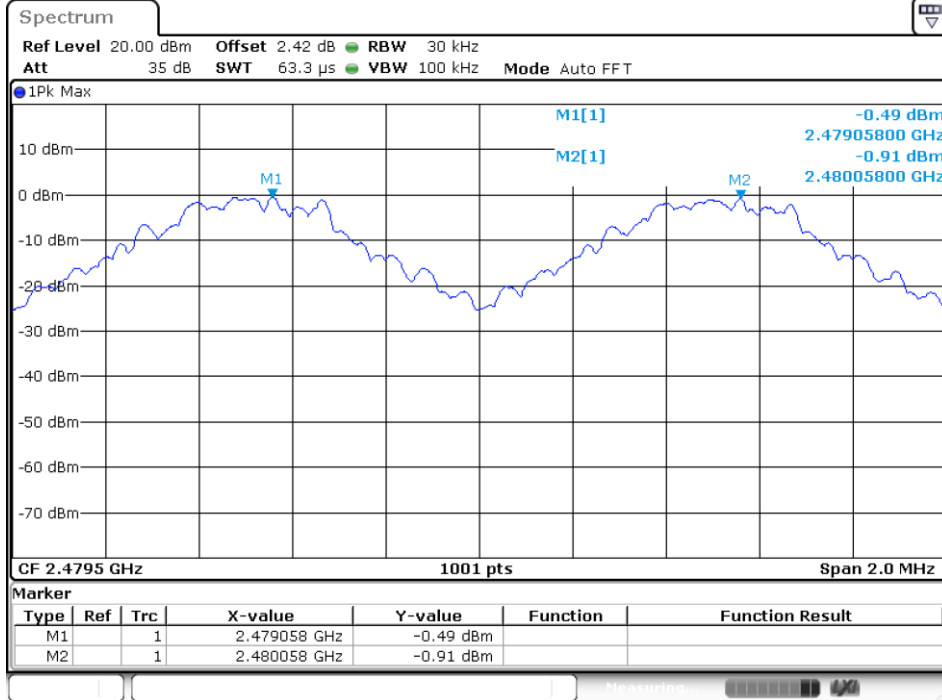
CFS NVNT 1-DH5 2402MHz Ant1



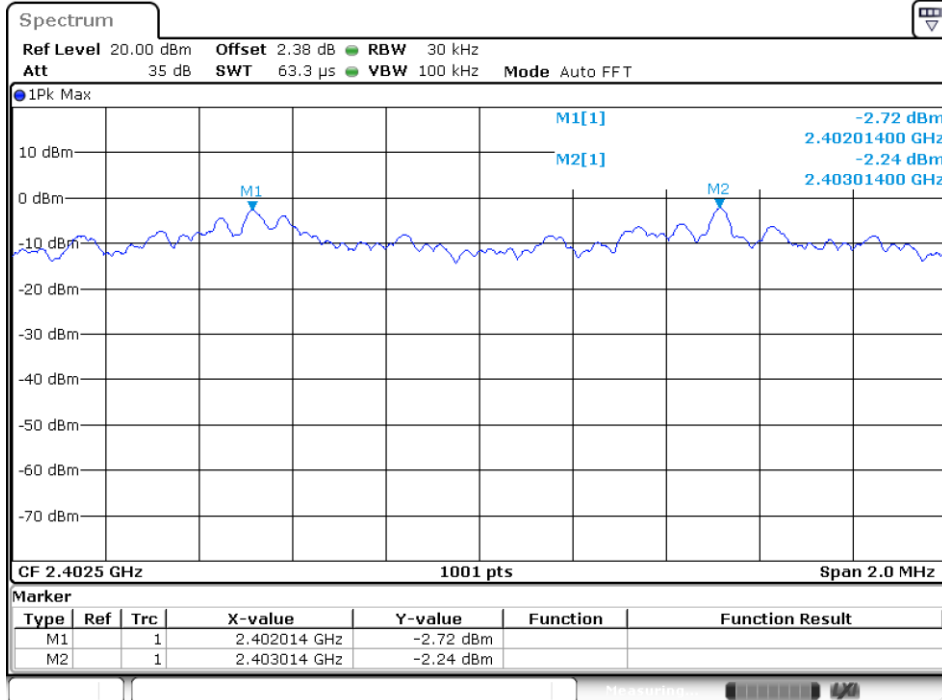
CFS NVNT 1-DH5 2441MHz Ant1



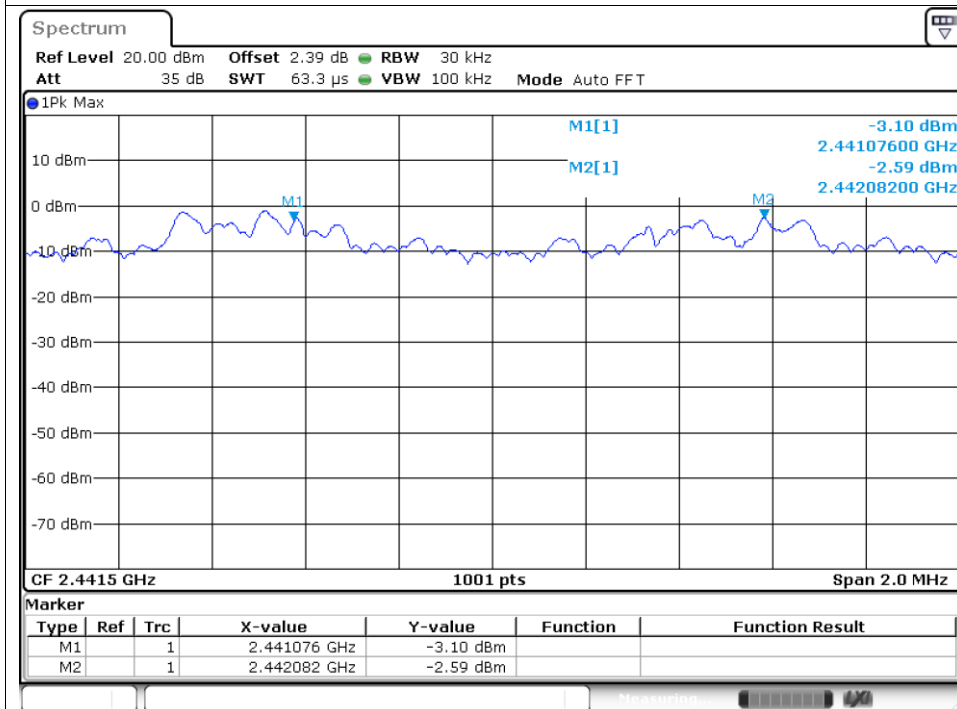
CFS NVNT 1-DH5 2480MHz Ant1



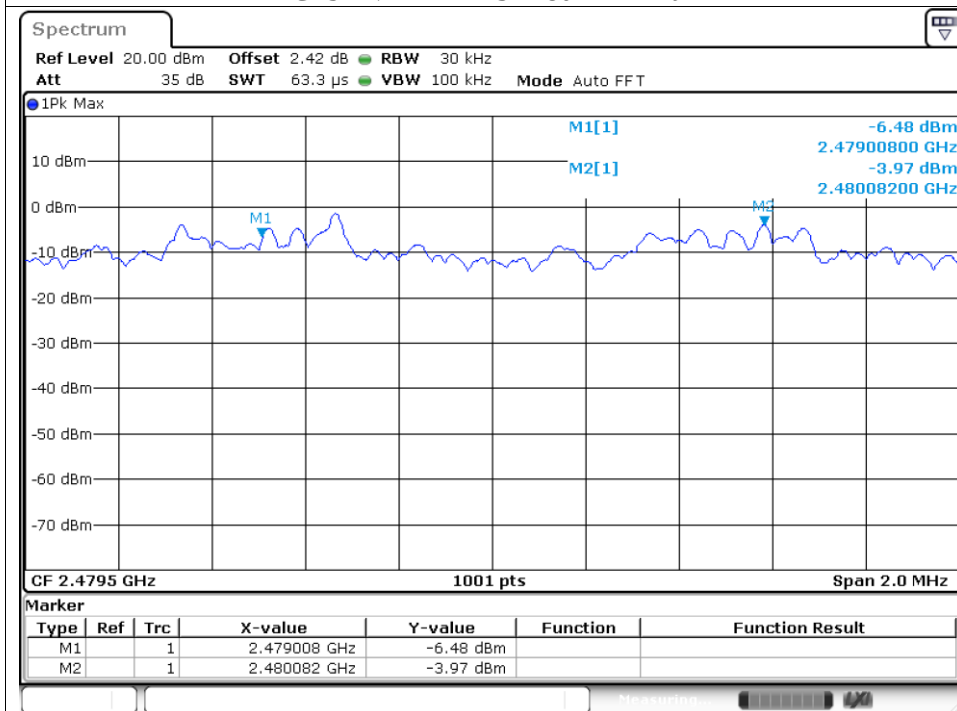
CFS NVNT 2-DH5 2402MHz Ant1



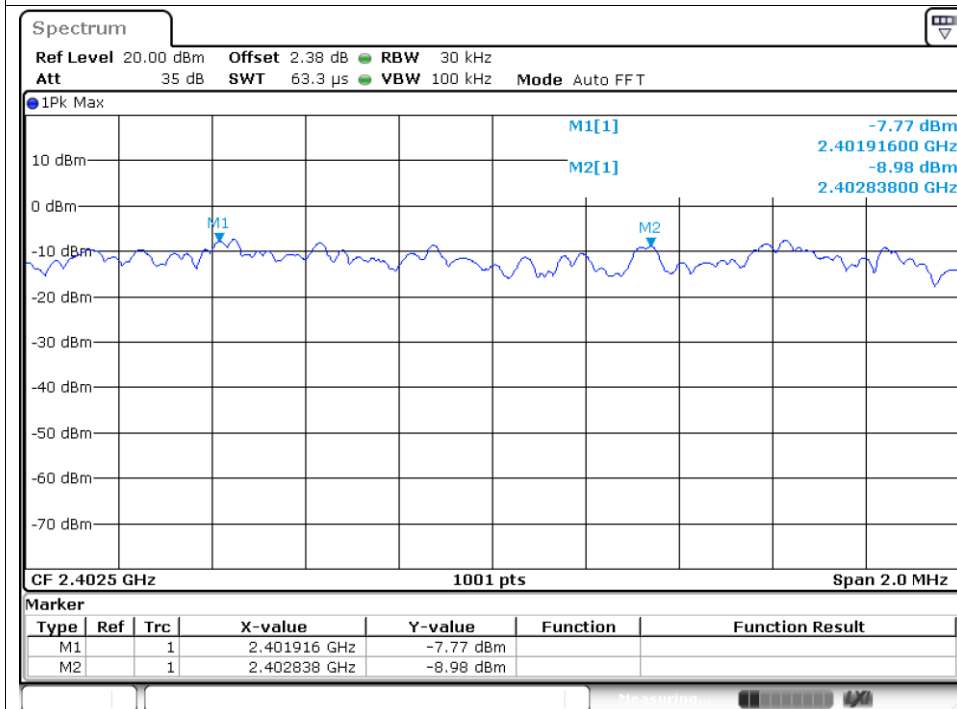
CFS NVNT 2-DH5 2441MHz Ant1



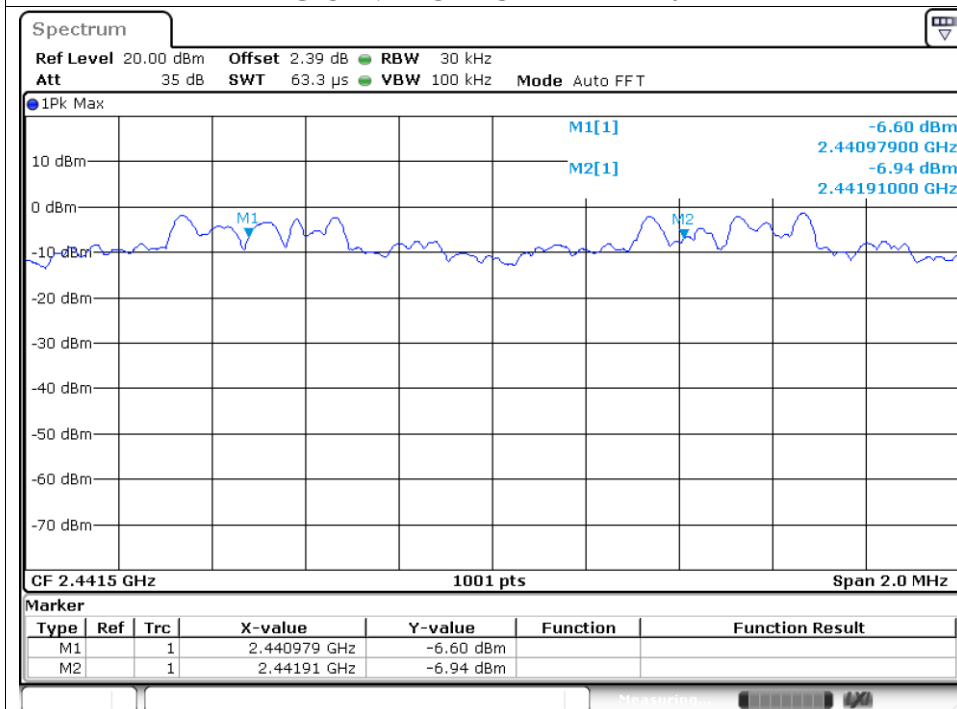
CFS NVNT 2-DH5 2480MHz Ant1

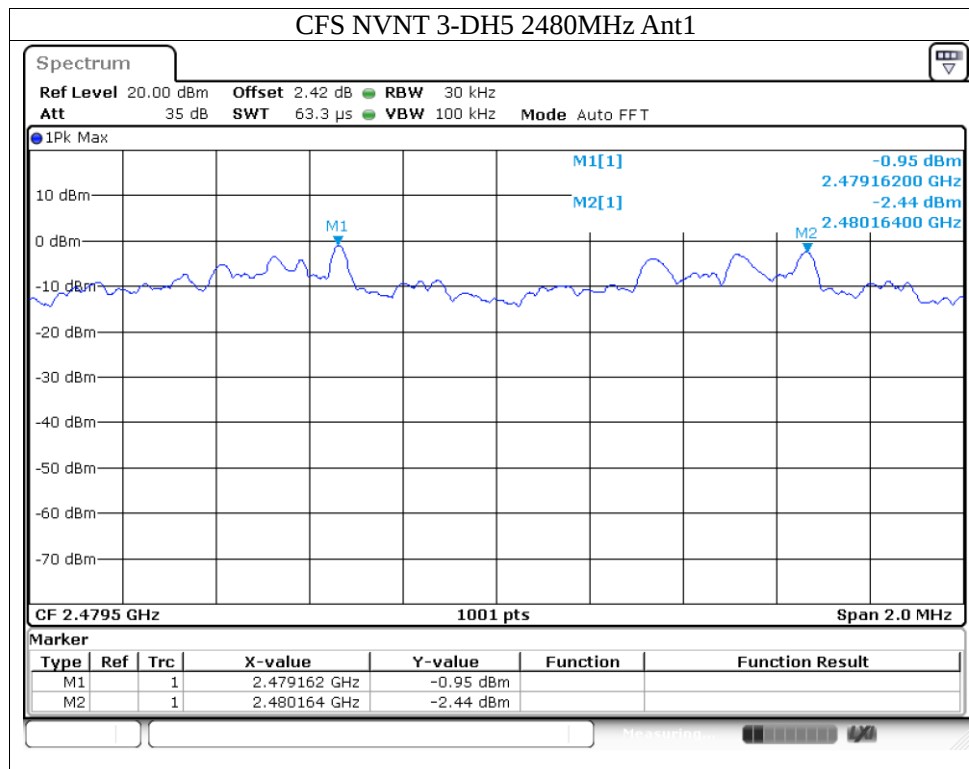


CFS NVNT 3-DH5 2402MHz Ant1



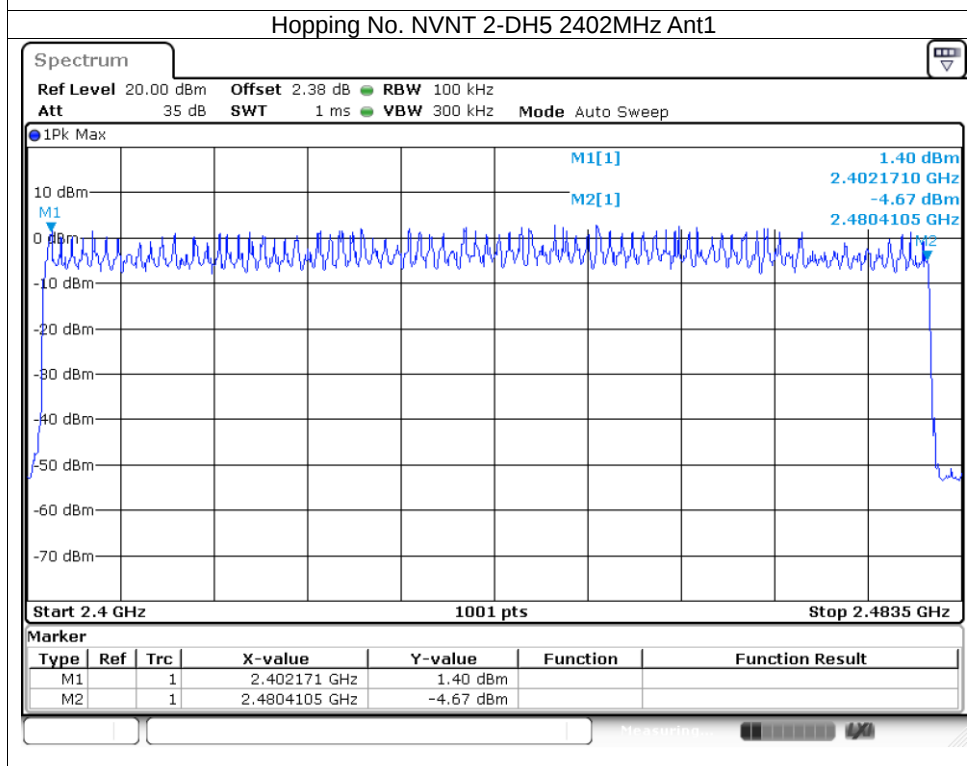
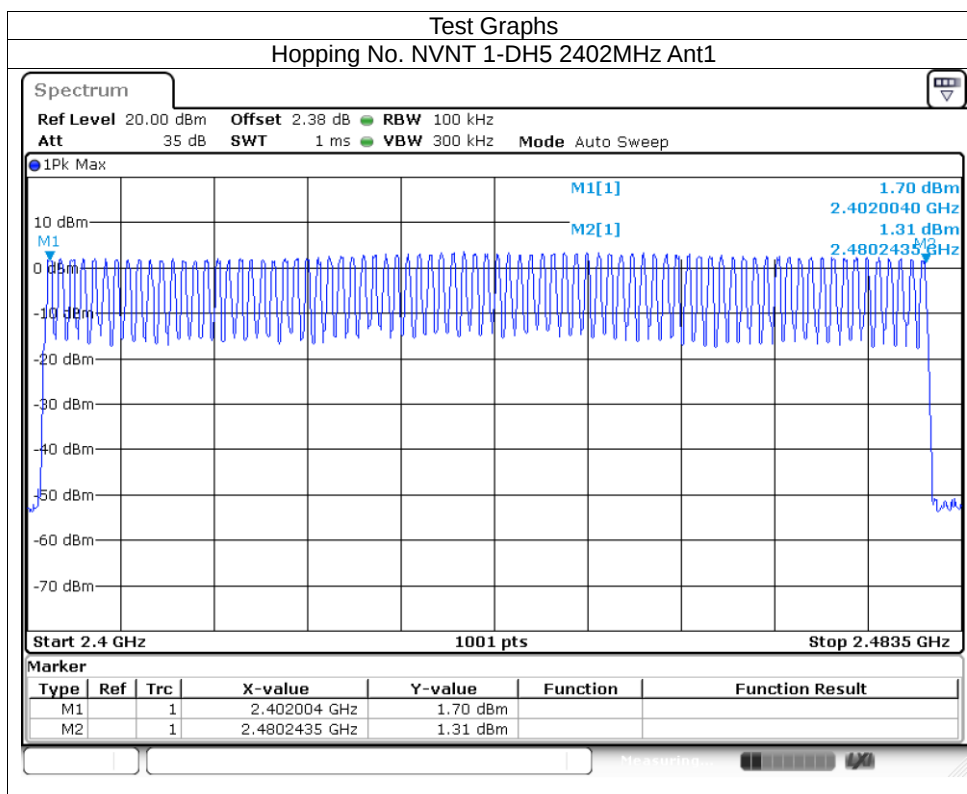
CFS NVNT 3-DH5 2441MHz Ant1

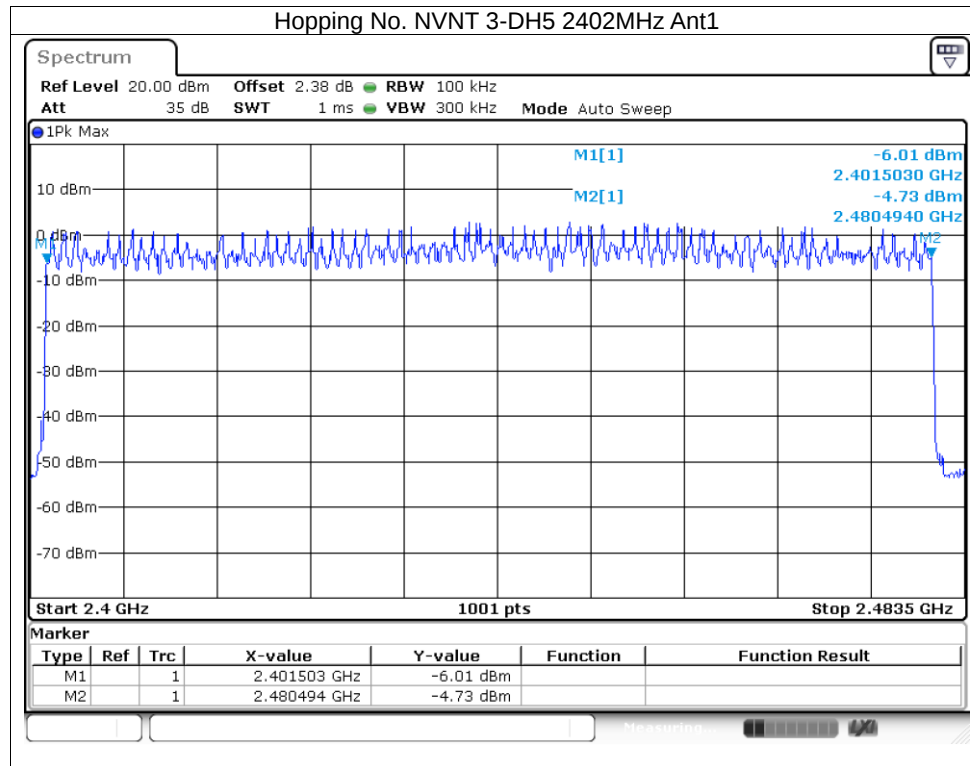




8.6 Number of Hopping Channel

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





8.7 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-52.08	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-53.15	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.12	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-52.39	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-51.34	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-52.59	-20	Pass

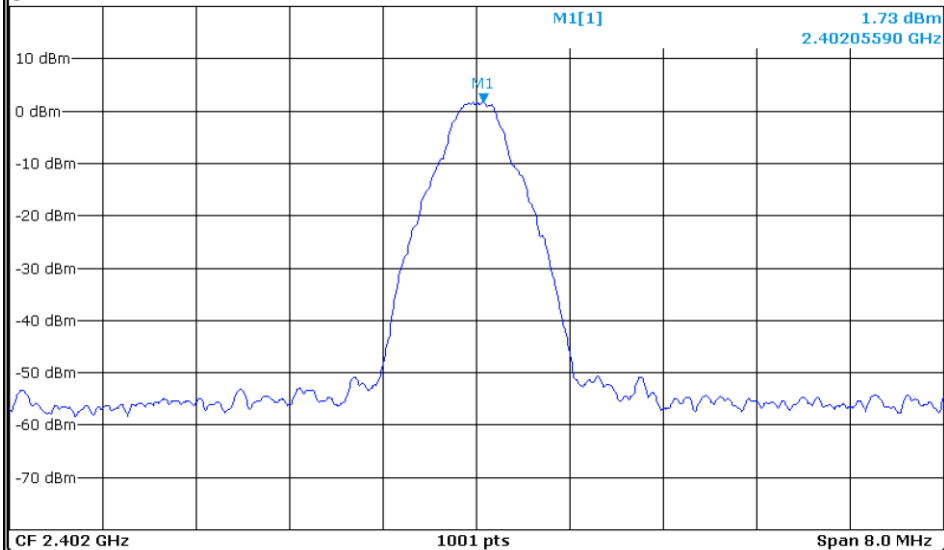
Test Graphs

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

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

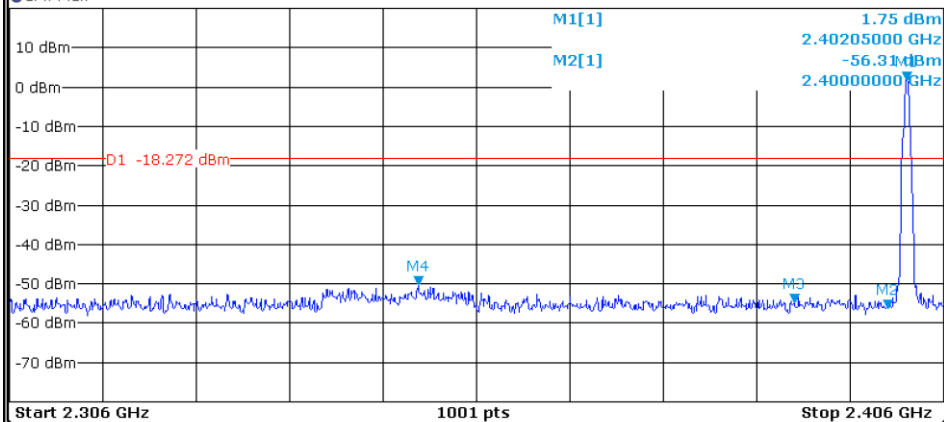


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

Spectrum

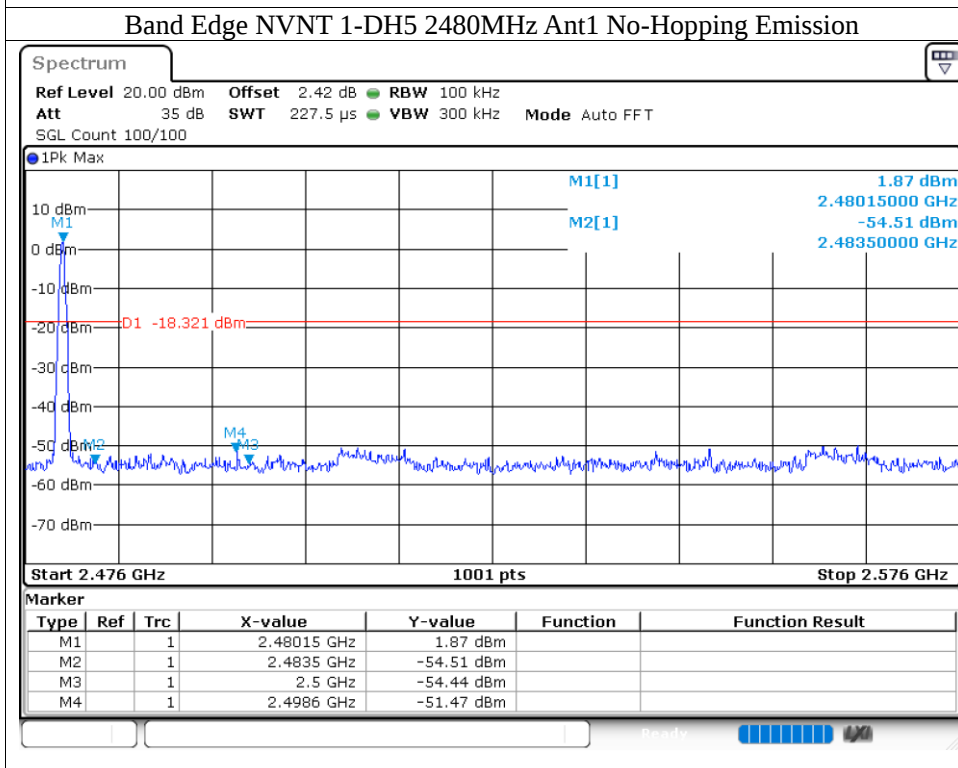
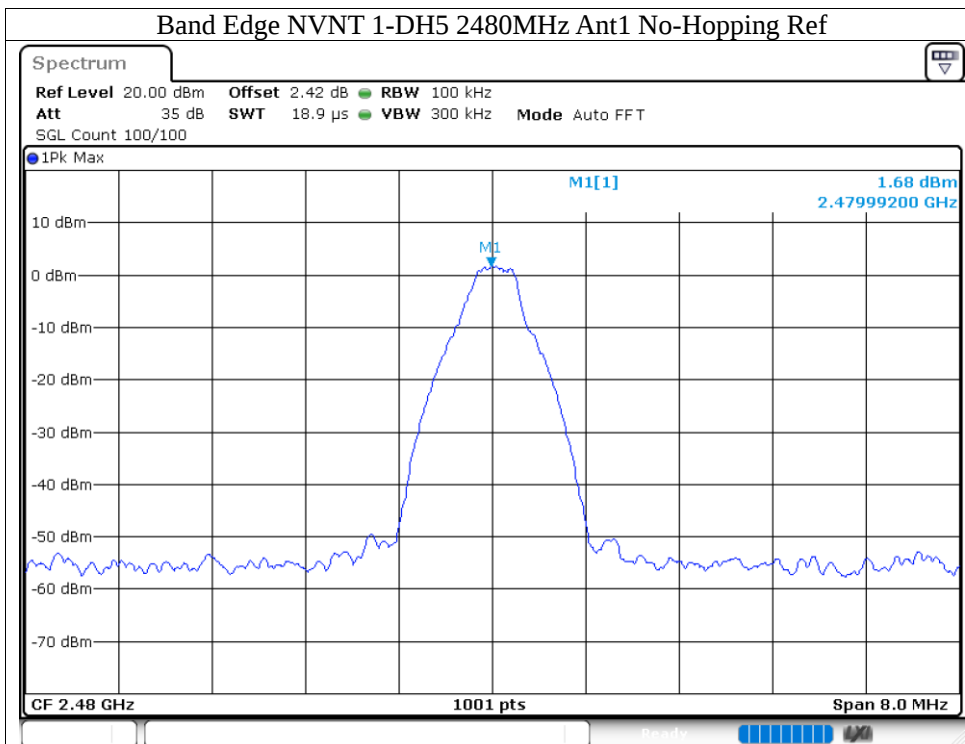
Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

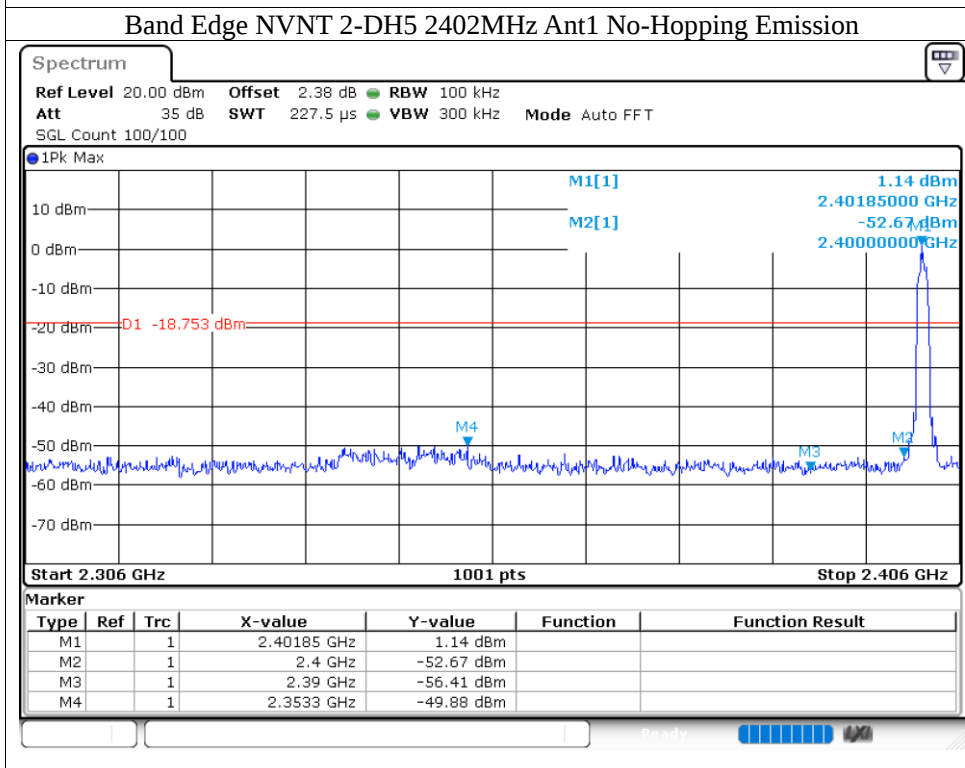
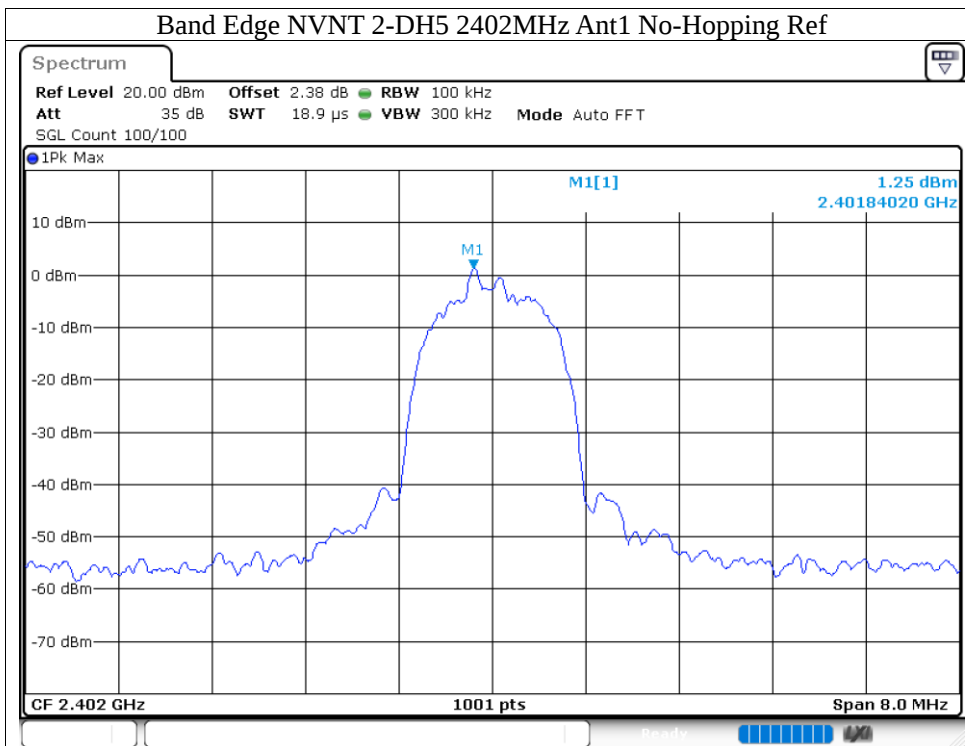
1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40205 GHz	1.75 dBm		
M2		1	2.4 GHz	-56.31 dBm		
M3		1	2.39 GHz	-54.80 dBm		
M4		1	2.3498 GHz	-50.35 dBm		



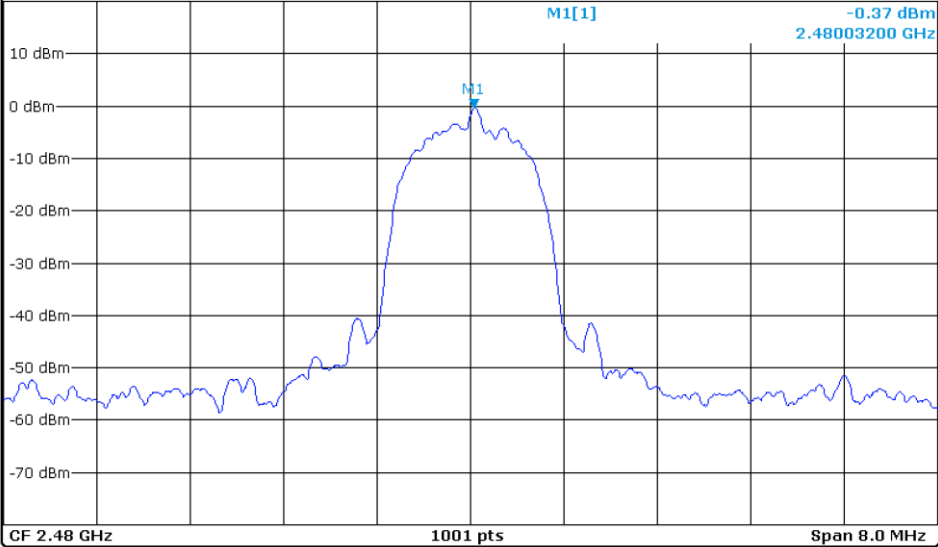


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

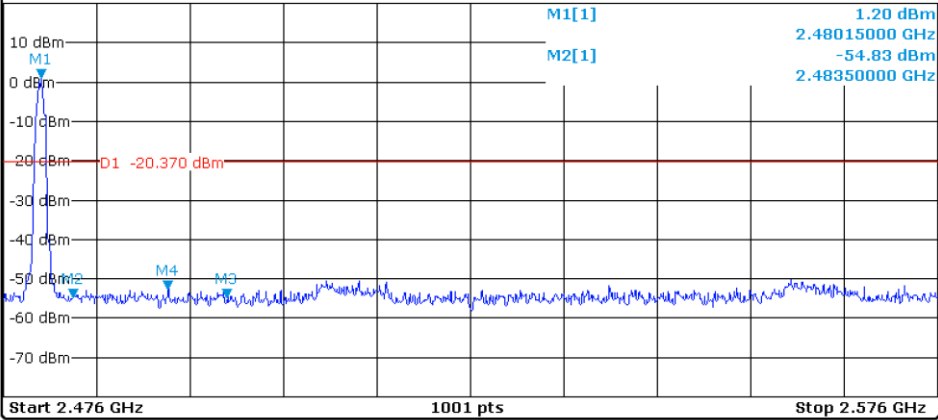


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

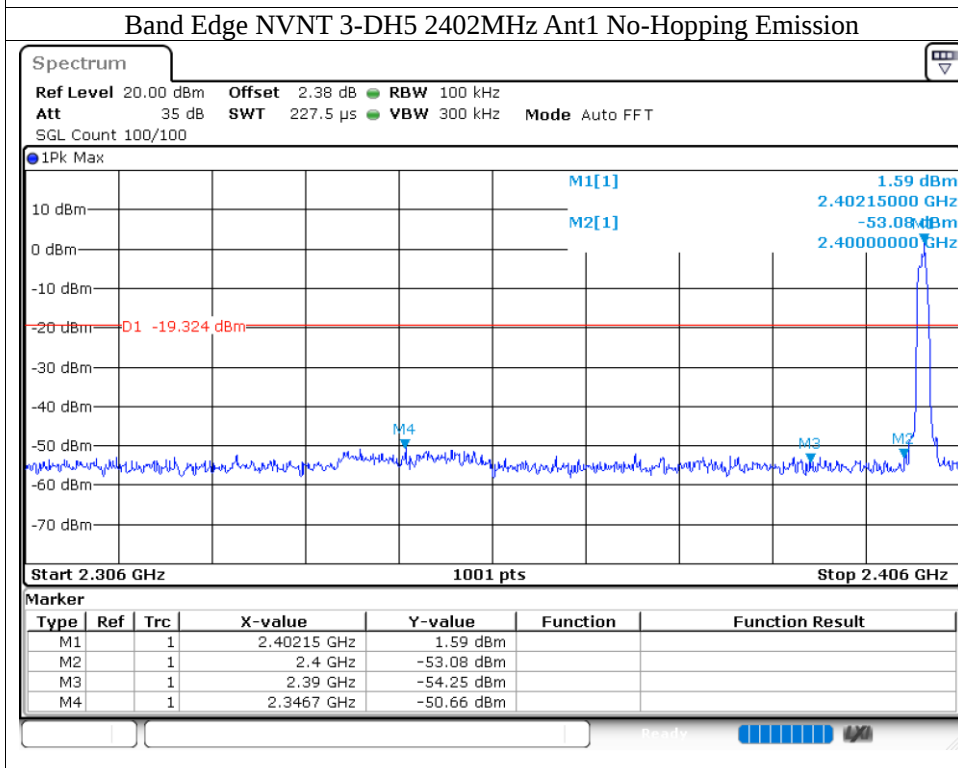
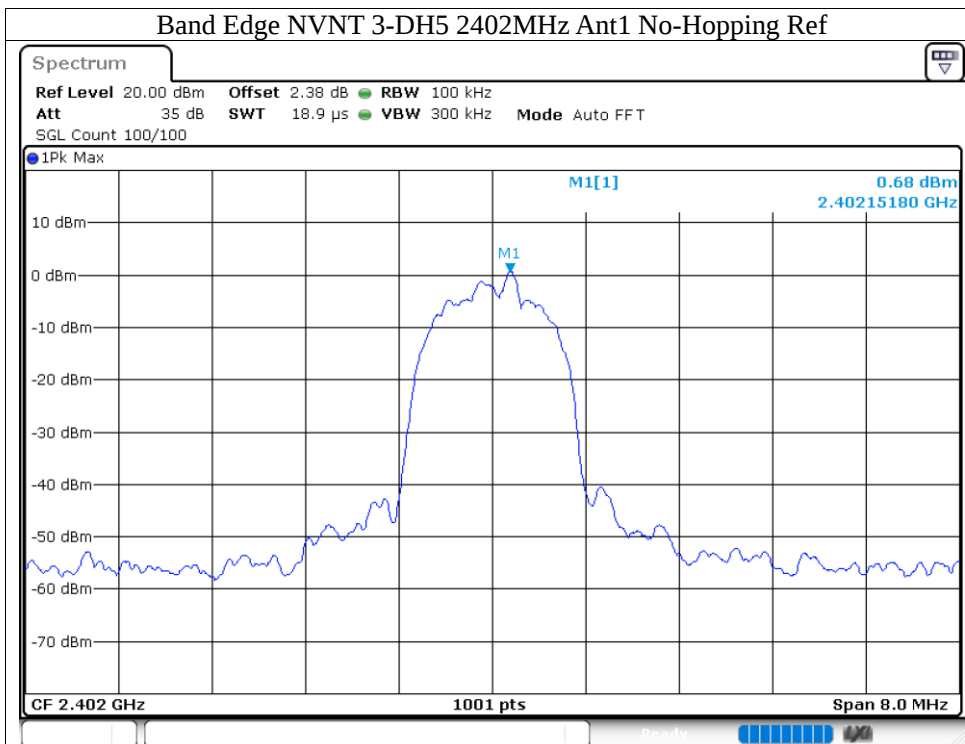
Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

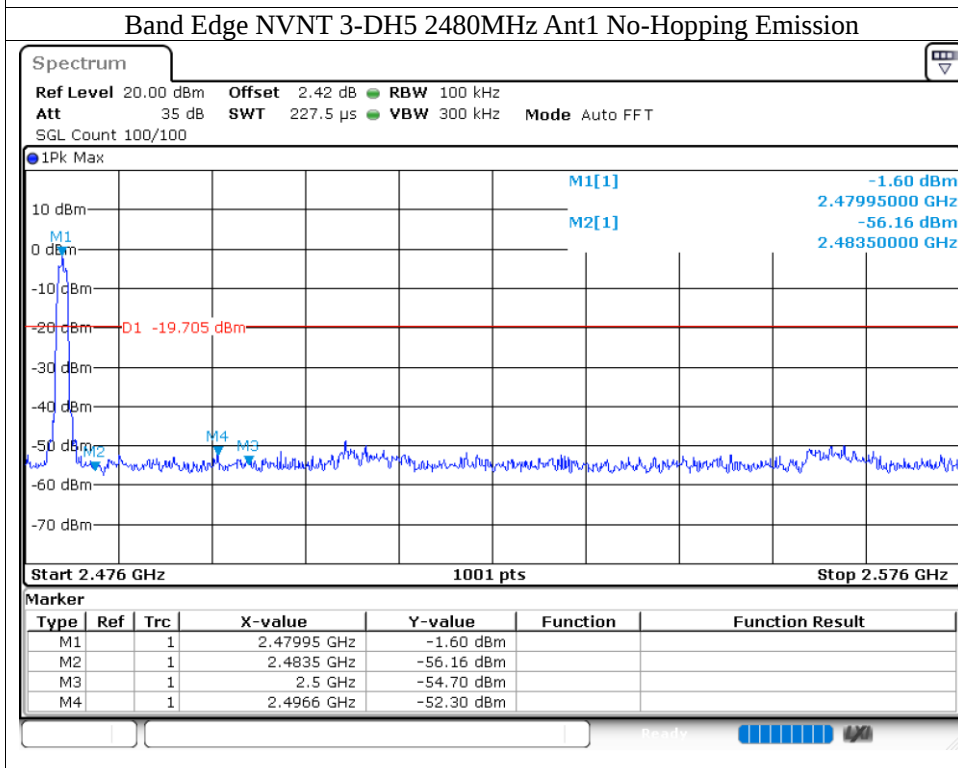
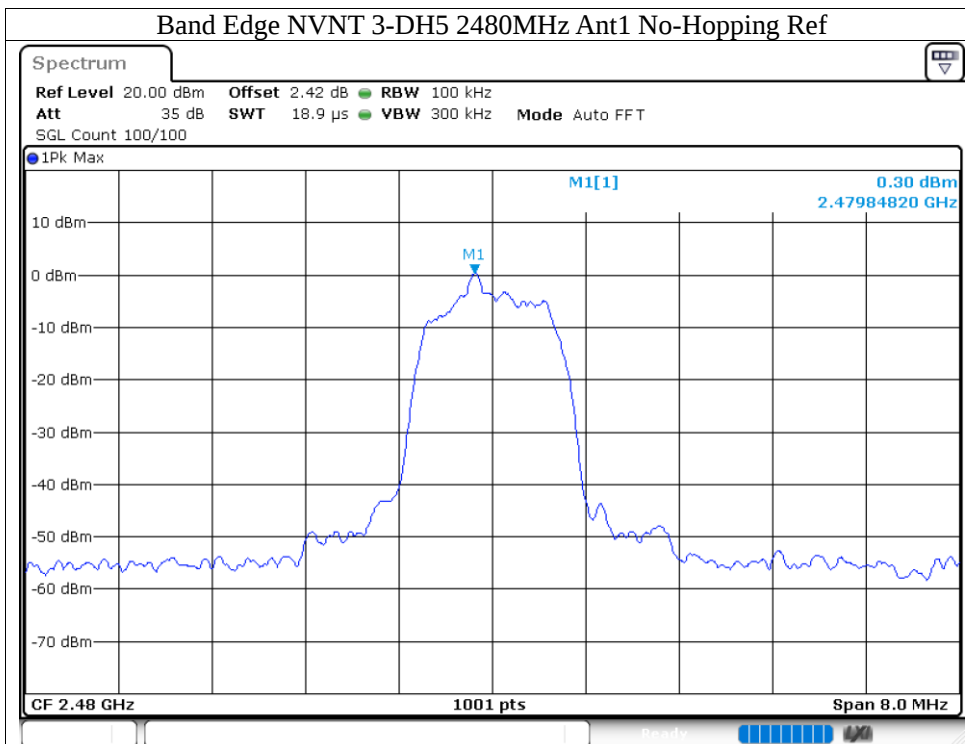
1Pk Max



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.48015 GHz	1.20 dBm		
M2	1		2.4835 GHz	-54.83 dBm		
M3	1		2.5 GHz	-54.89 dBm		
M4	1		2.4936 GHz	-52.76 dBm		





8.8 Band Edge(Hopping)

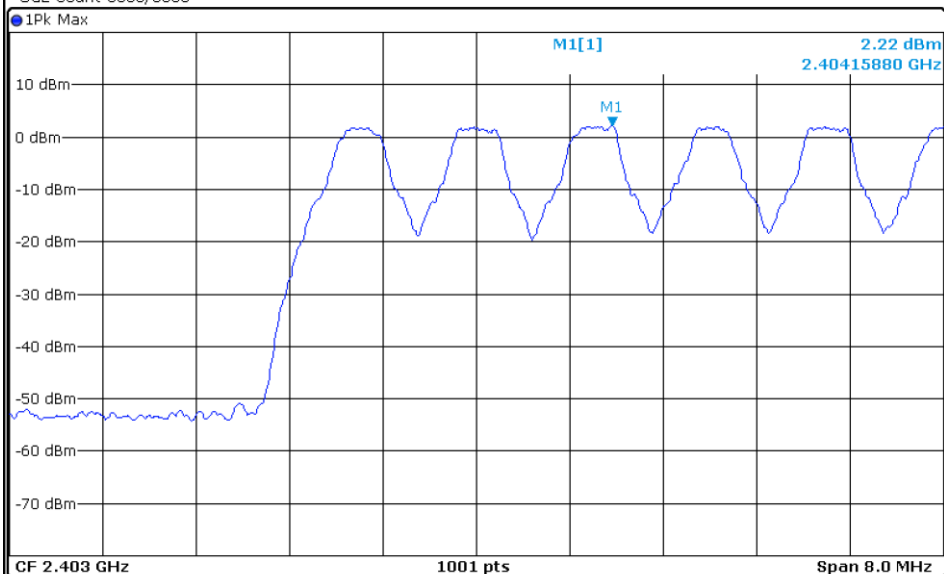
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2403	Ant1	Hopping	-51.68	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-54.5	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-51.95	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-51.84	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-51.53	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-52.63	-20	Pass

Test Graphs

Band Edge(Hopping) NVNT 1-DH5 2403MHz Ant1 Hopping Ref

Spectrum

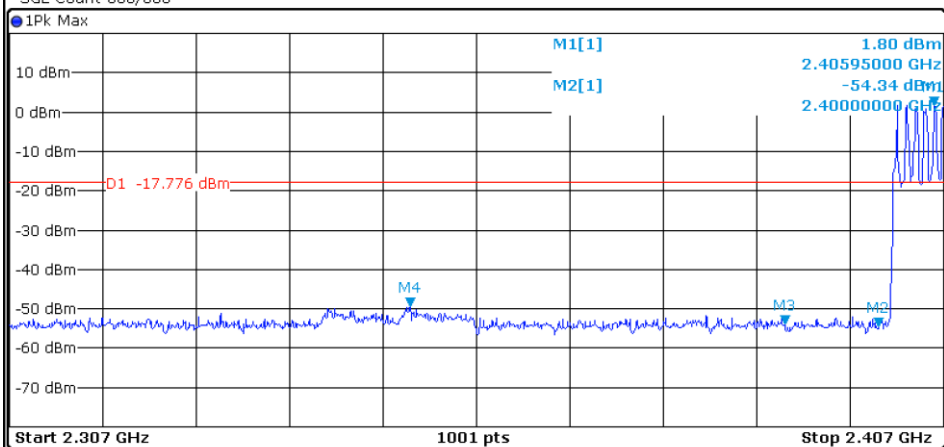
Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000



Band Edge(Hopping) NVNT 1-DH5 2403MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 600/600



Marker

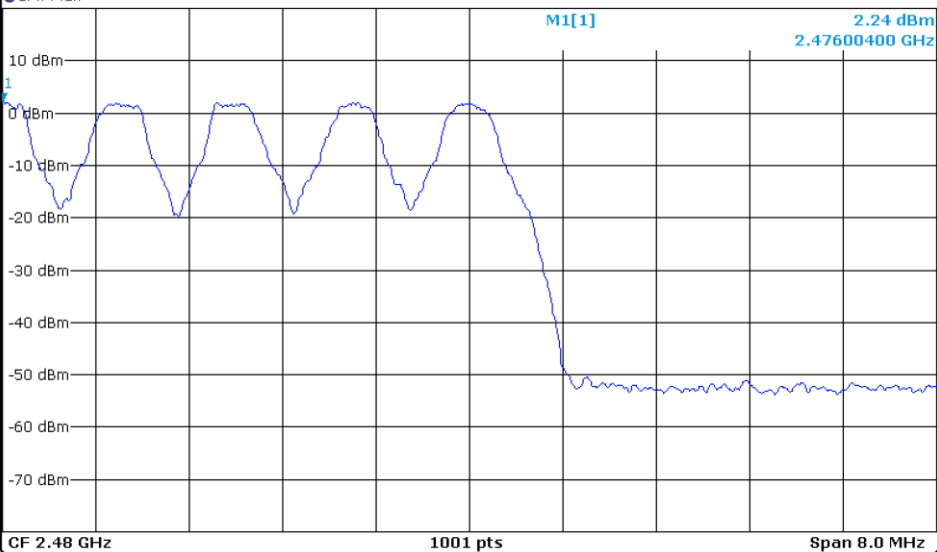
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40595 GHz	1.80 dBm		
M2	1		2.4 GHz	-54.34 dBm		
M3	1		2.39 GHz	-53.92 dBm		
M4	1		2.3499 GHz	-49.47 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

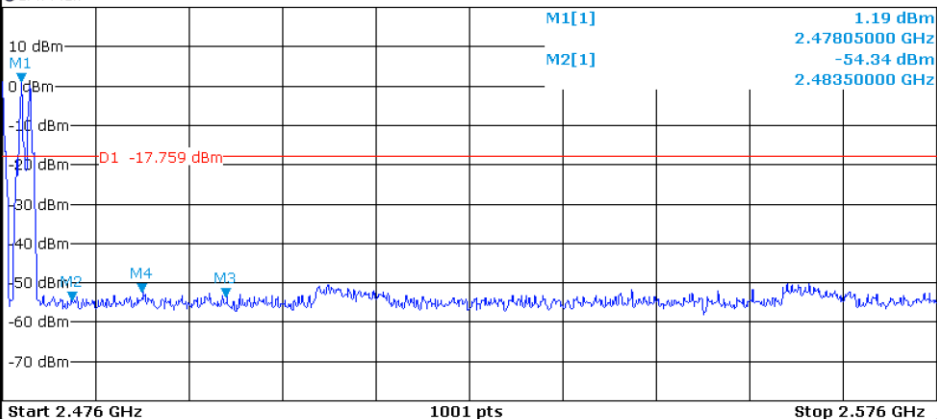


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

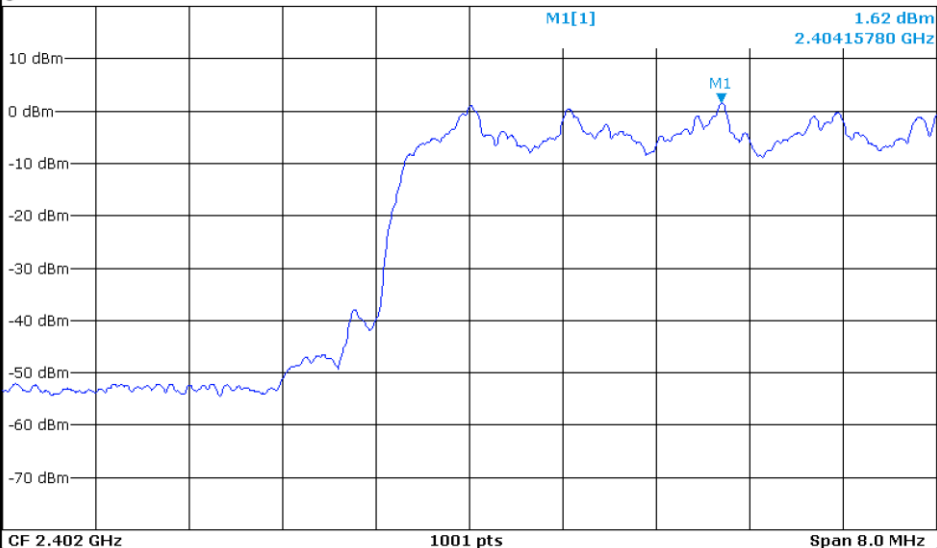
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47805 GHz	1.19 dBm		
M2	1		2.4835 GHz	-54.34 dBm		
M3	1		2.5 GHz	-53.54 dBm		
M4	1		2.491 GHz	-52.27 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

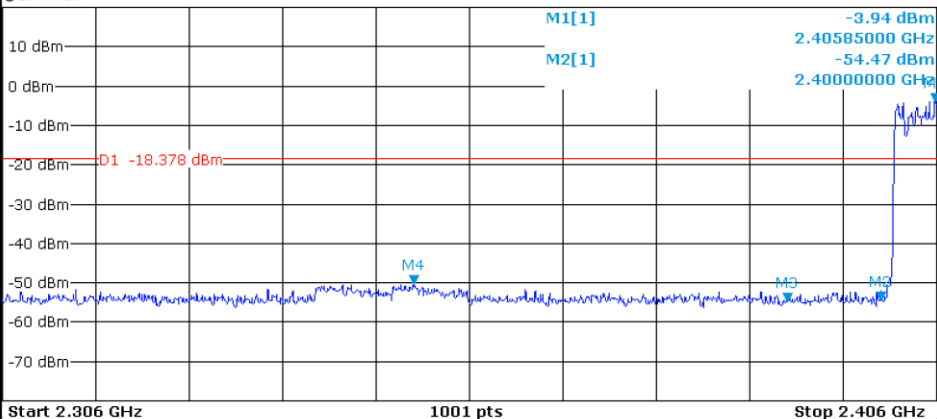


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 500/500

1Pk Max



Marker

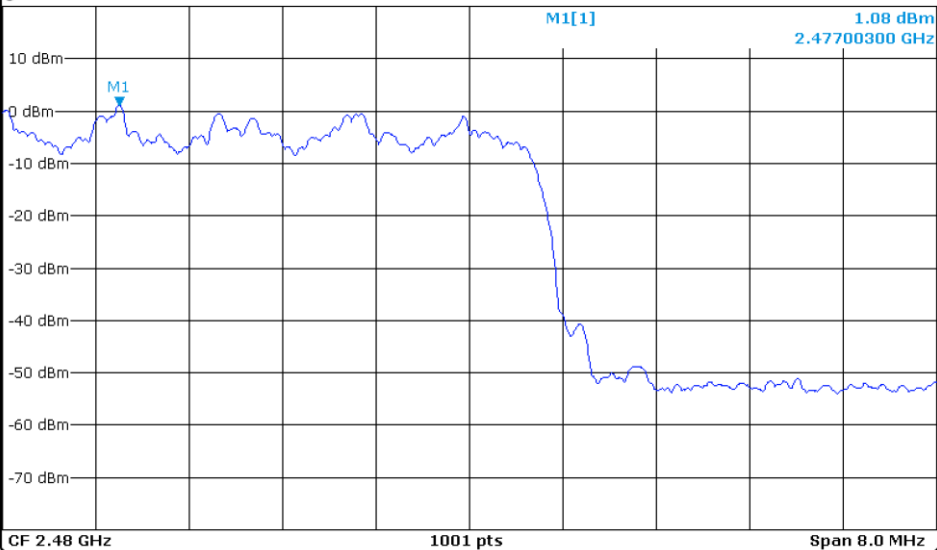
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40585 GHz	-3.94 dBm		
M2		1	2.4 GHz	-54.47 dBm		
M3		1	2.39 GHz	-54.68 dBm		
M4		1	2.35 GHz	-50.33 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

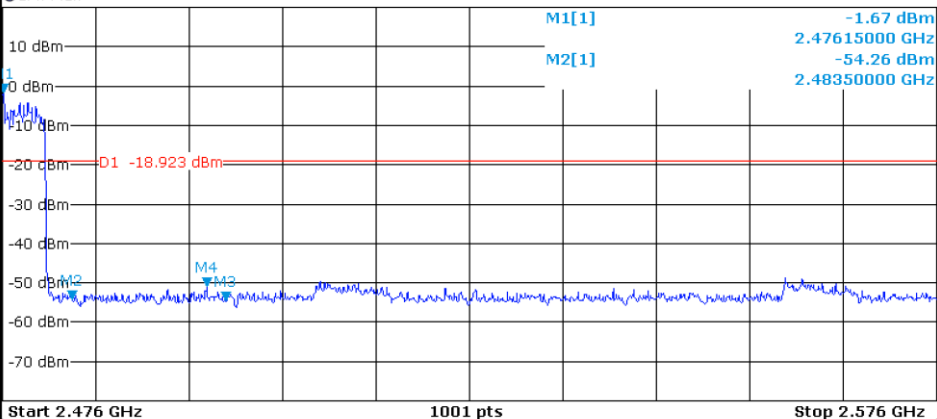


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 500/500

1Pk Max



Marker

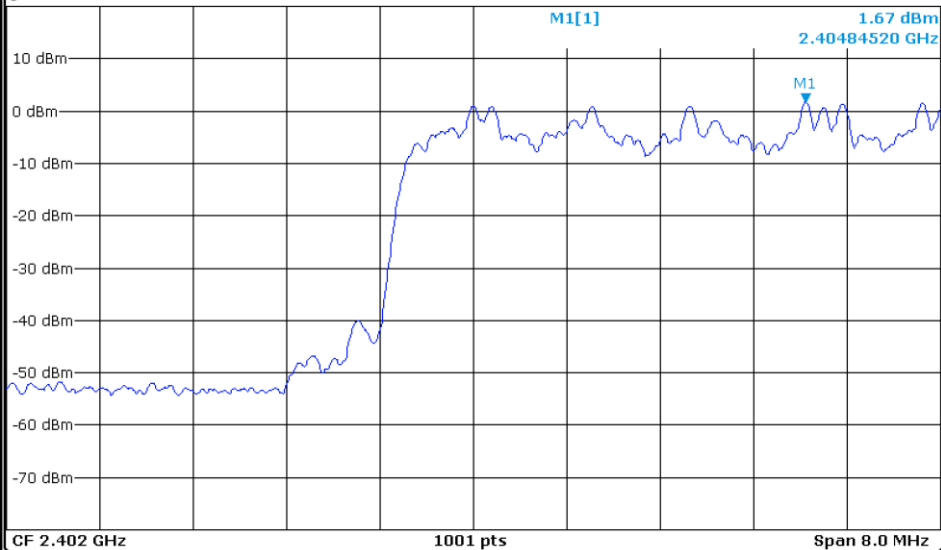
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47615 GHz	-1.67 dBm		
M2	1		2.4835 GHz	-54.26 dBm		
M3	1		2.5 GHz	-54.36 dBm		
M4	1		2.4979 GHz	-50.76 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

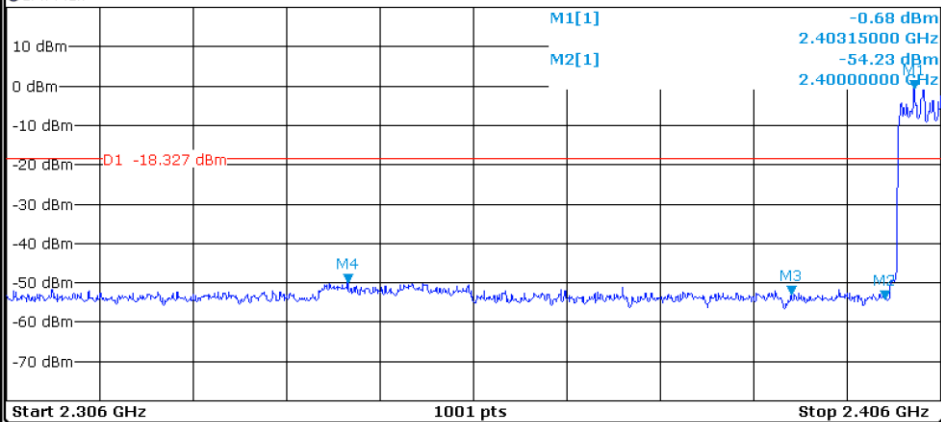


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1000/1000

1Pk Max



Marker

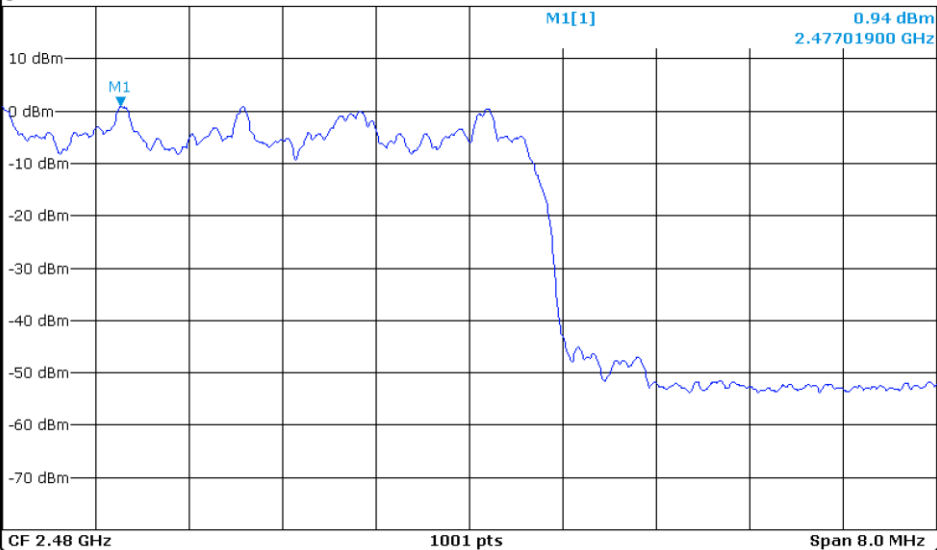
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40315 GHz	-0.68 dBm		
M2		1	2.4 GHz	-54.23 dBm		
M3		1	2.39 GHz	-52.83 dBm		
M4		1	2.3426 GHz	-49.87 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

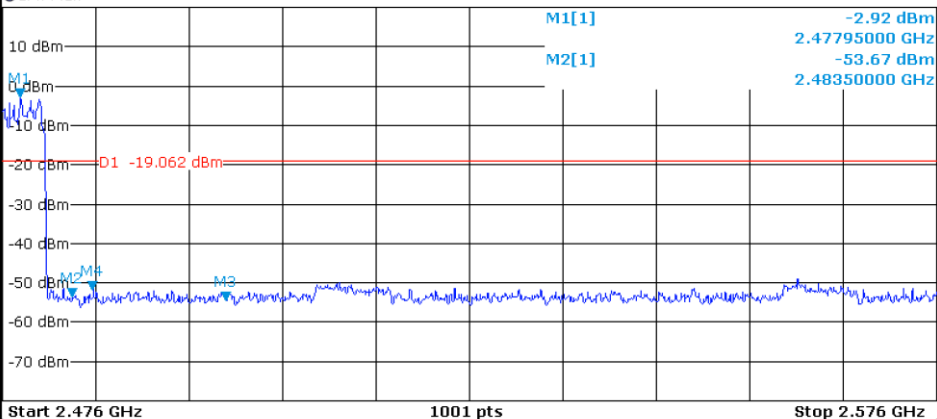


Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 500/500

1Pk Max



Marker

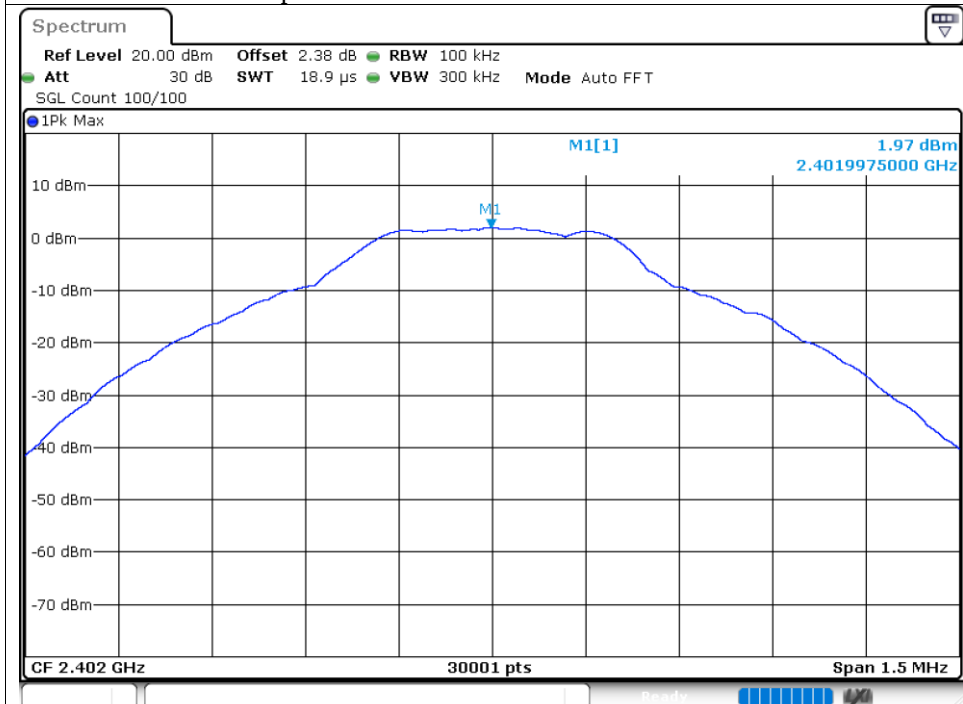
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47795 GHz	-2.92 dBm		
M2		1	2.4835 GHz	-53.67 dBm		
M3		1	2.5 GHz	-54.58 dBm		
M4		1	2.4857 GHz	-51.70 dBm		

8.9 Conducted RF Spurious Emission

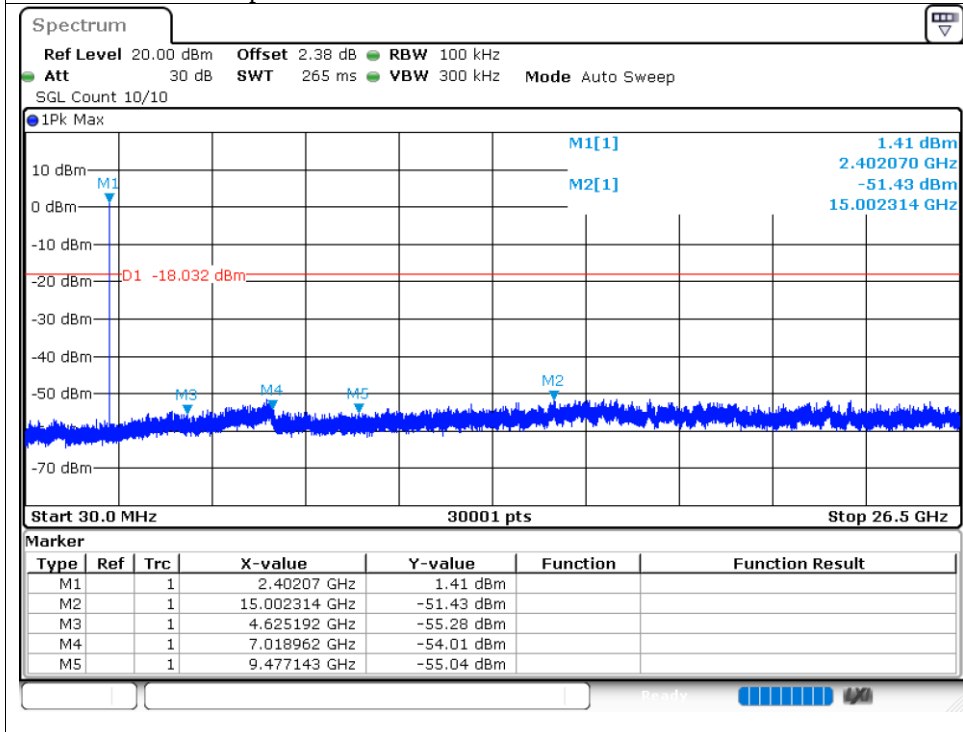
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-53.4	-20	Pass
NVNT	1-DH5	2441	Ant1	-53.81	-20	Pass
NVNT	1-DH5	2480	Ant1	-52.19	-20	Pass
NVNT	2-DH5	2402	Ant1	-50.35	-20	Pass
NVNT	2-DH5	2441	Ant1	-51.02	-20	Pass
NVNT	2-DH5	2480	Ant1	-48.35	-20	Pass
NVNT	3-DH5	2402	Ant1	-51.78	-20	Pass
NVNT	3-DH5	2441	Ant1	-53.77	-20	Pass
NVNT	3-DH5	2480	Ant1	-51.79	-20	Pass

Test Graphs

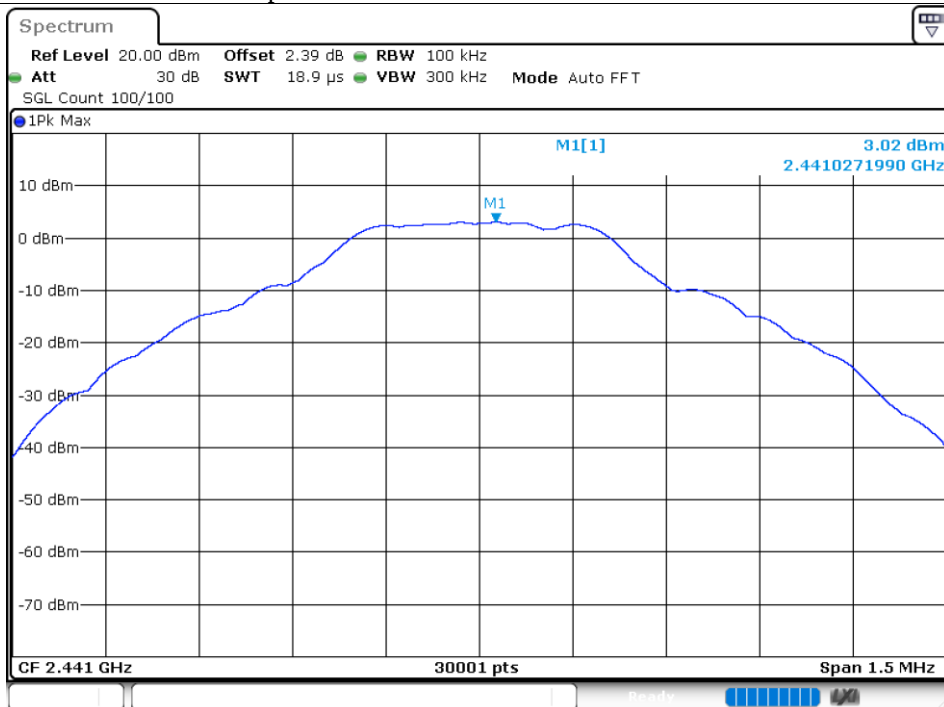
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



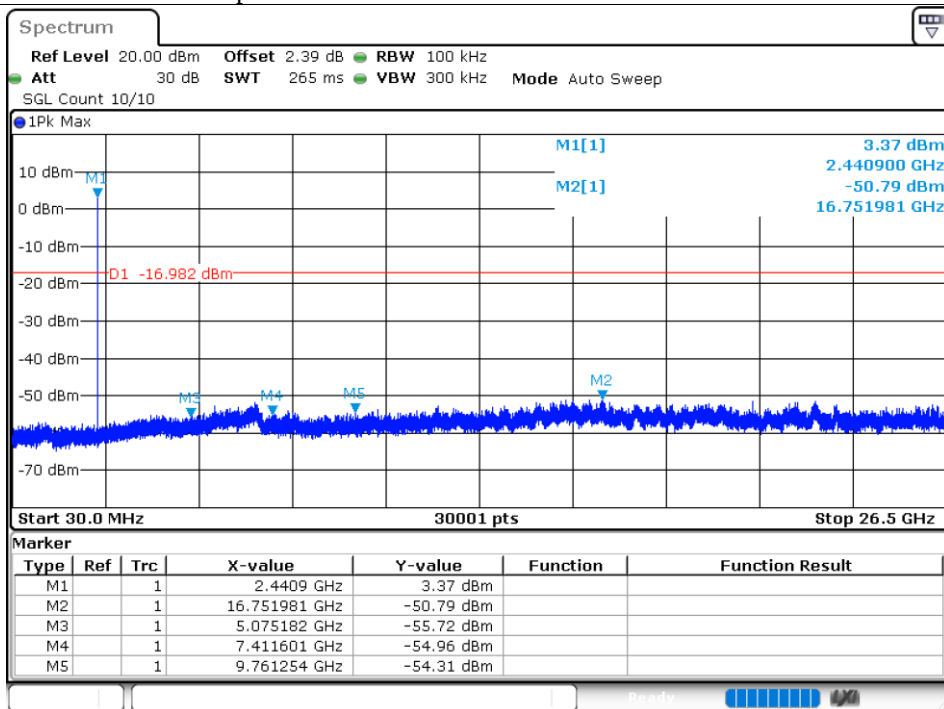
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



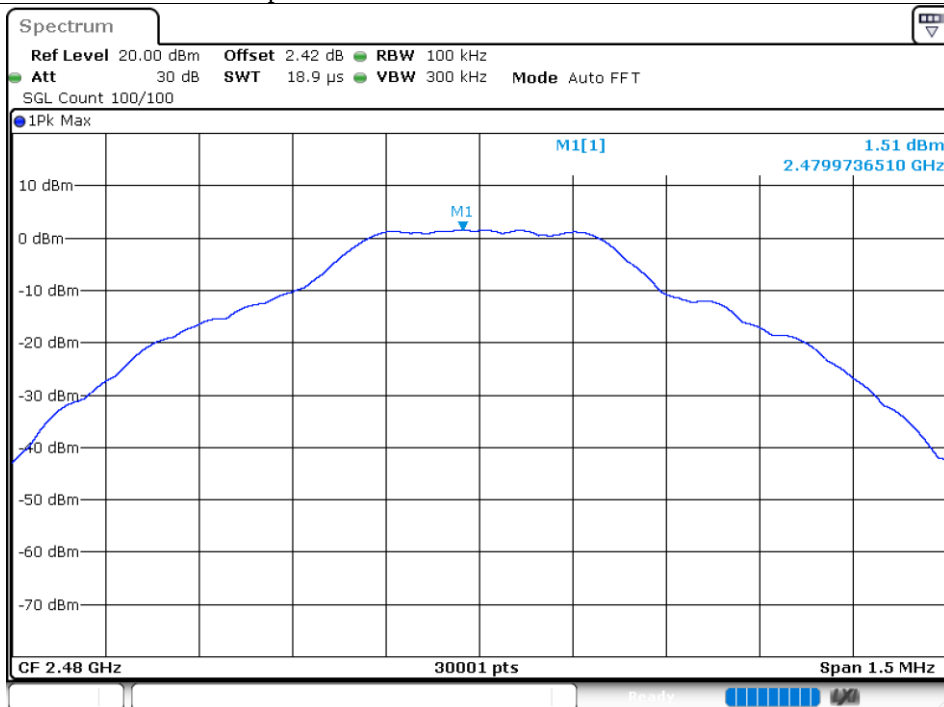
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



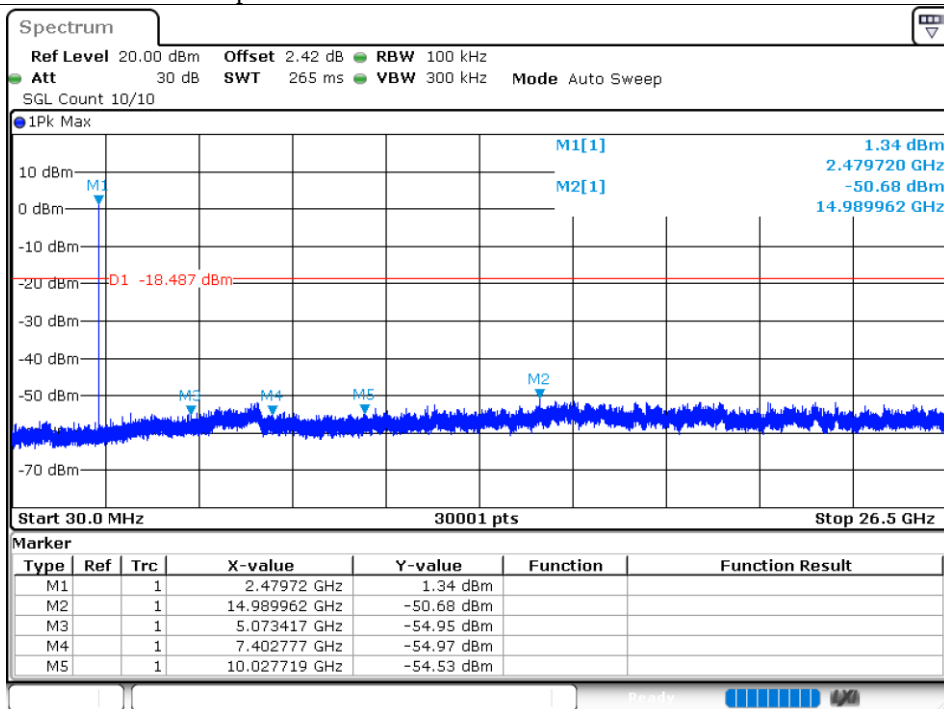
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



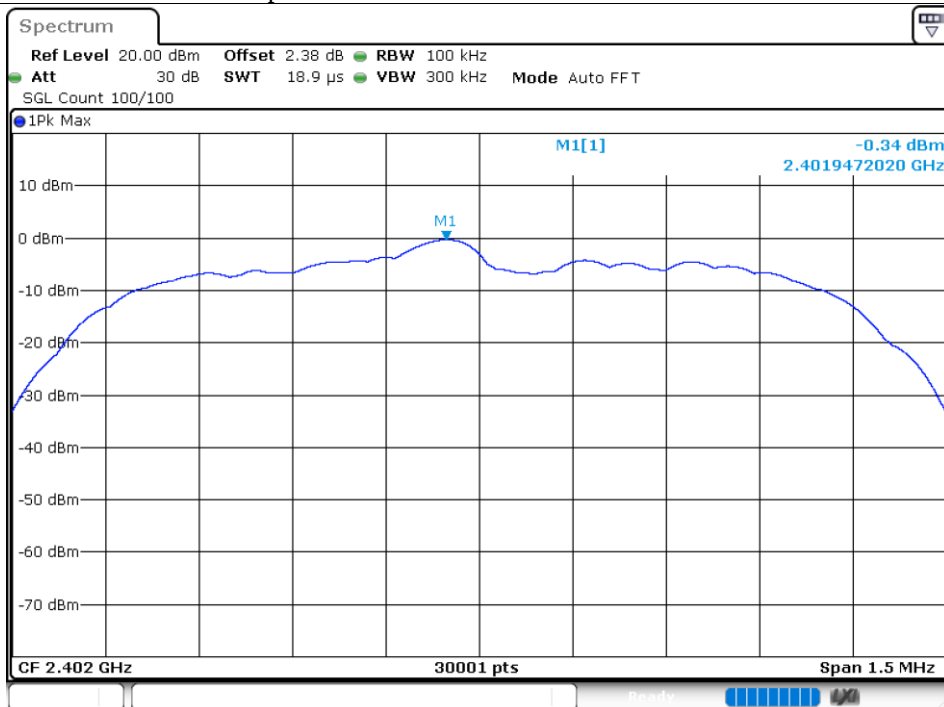
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



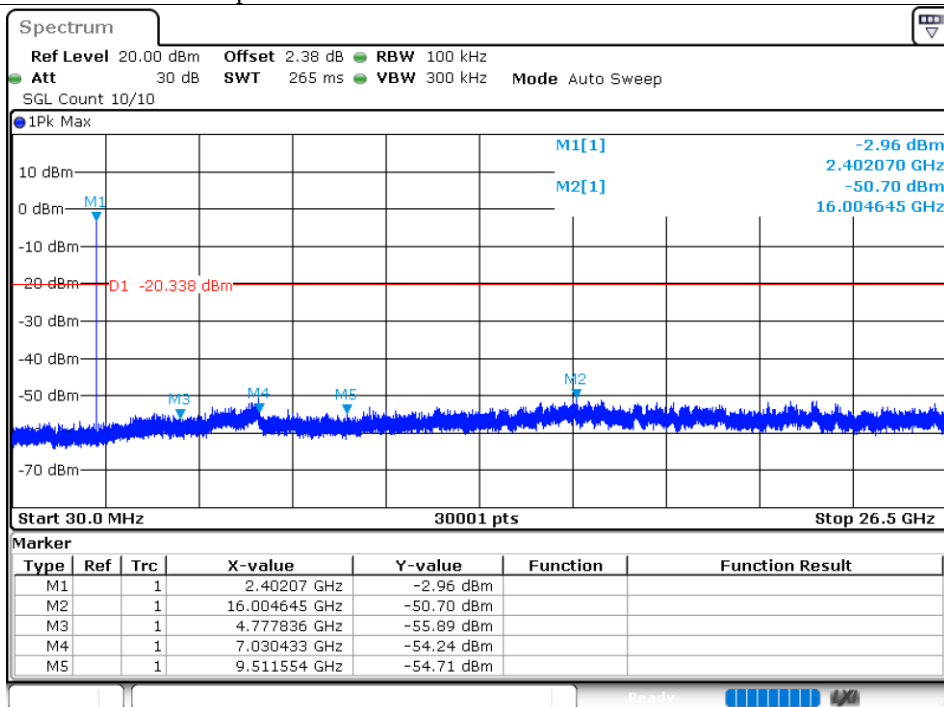
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



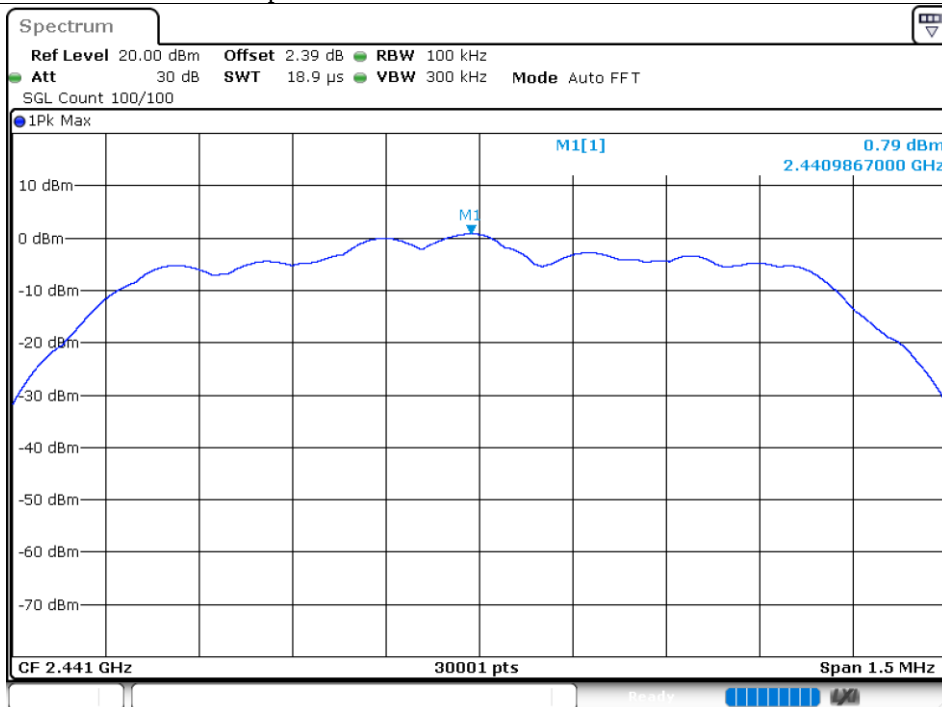
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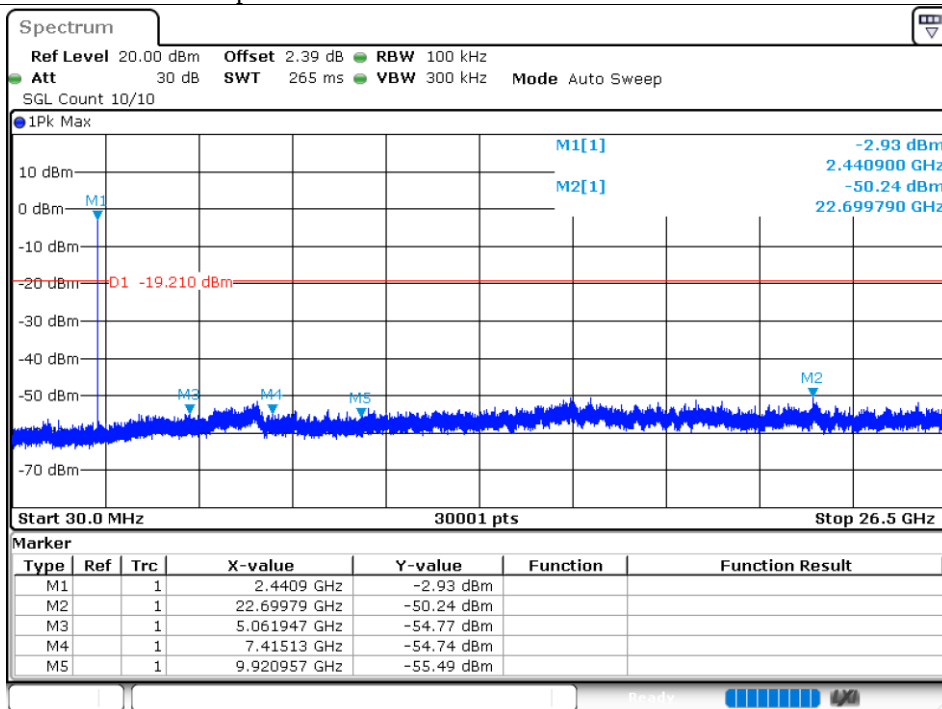
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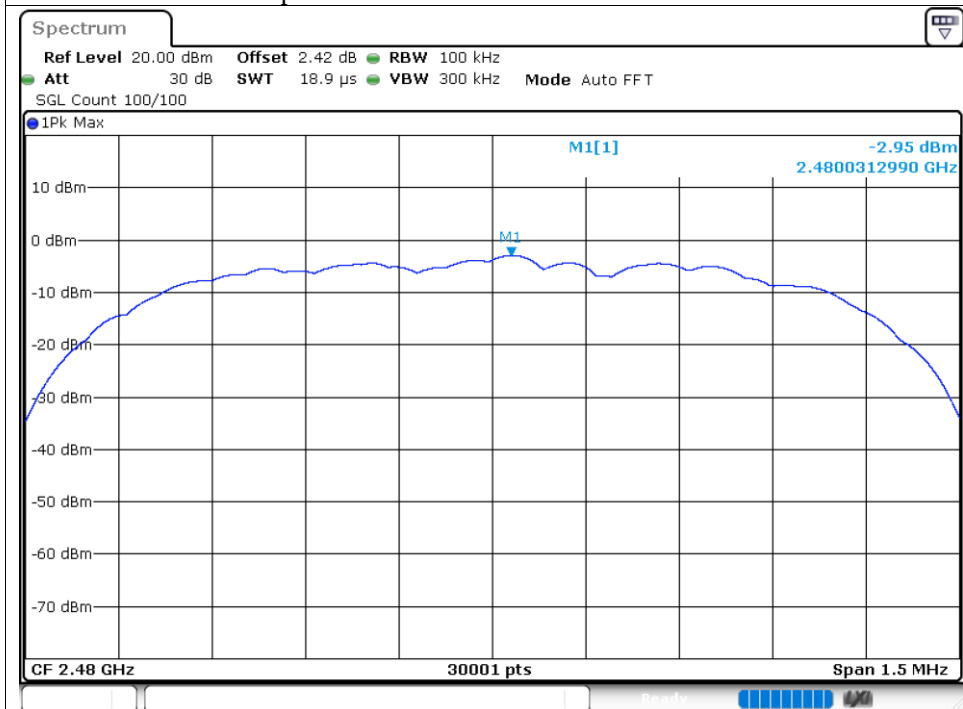
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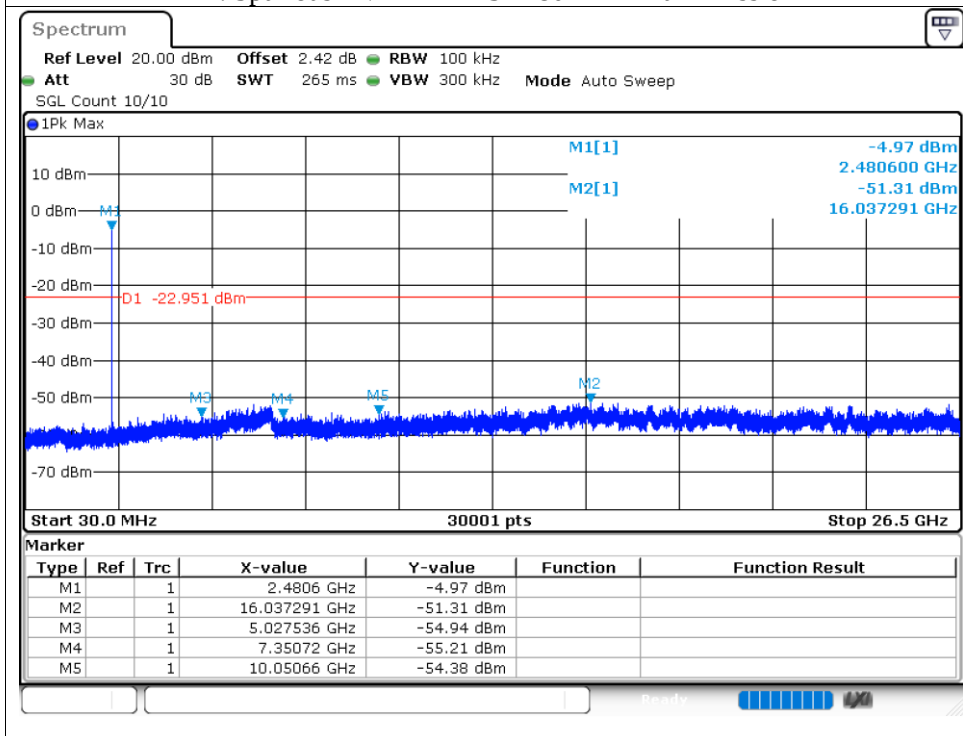
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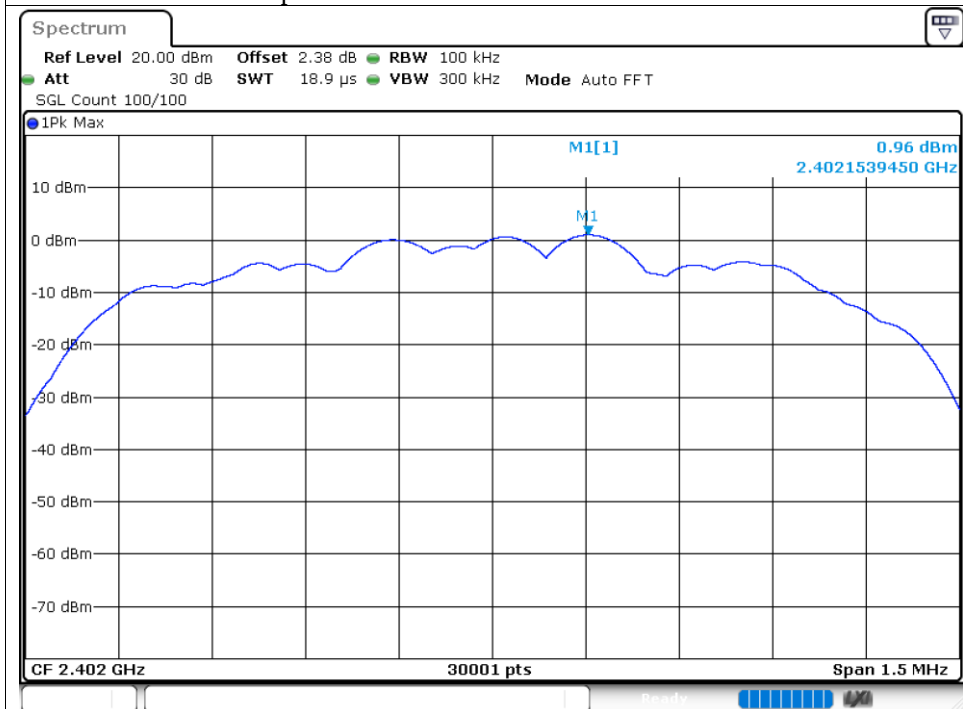
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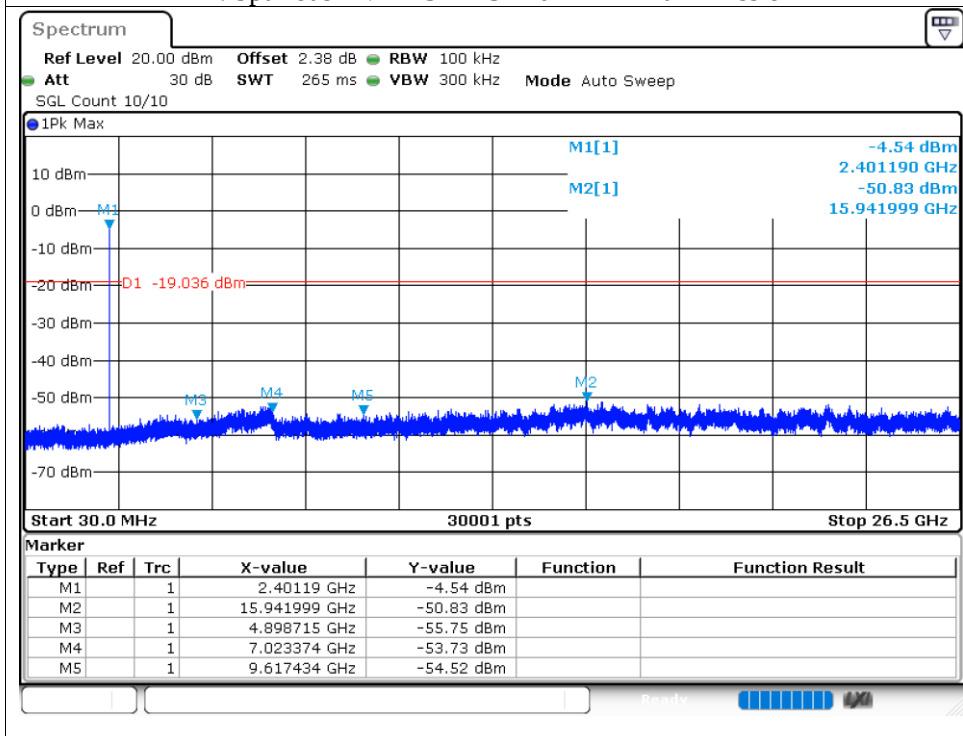
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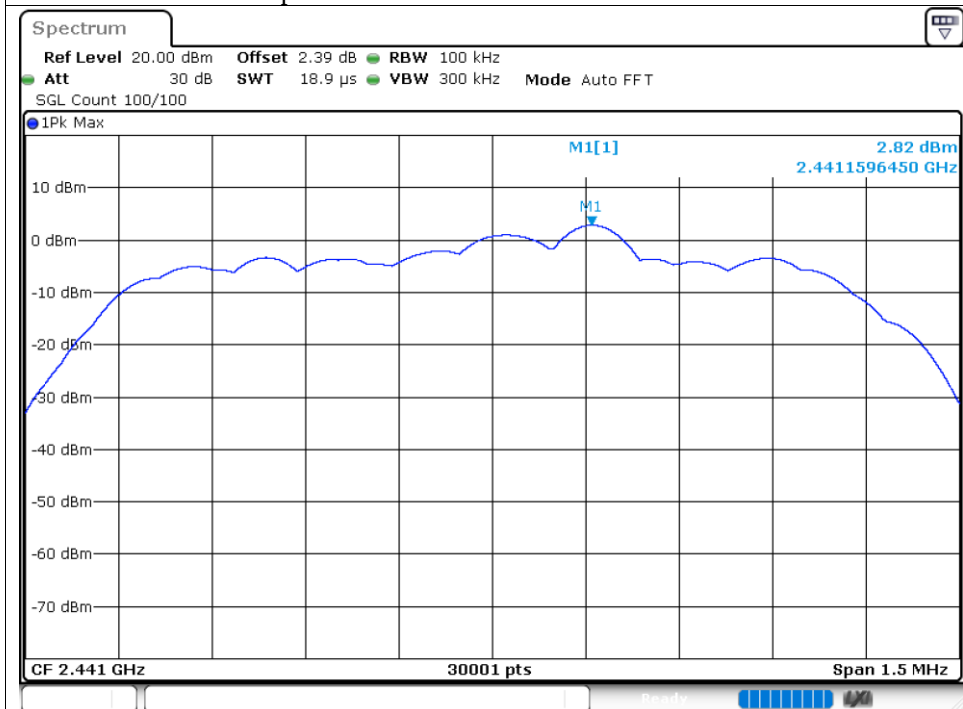
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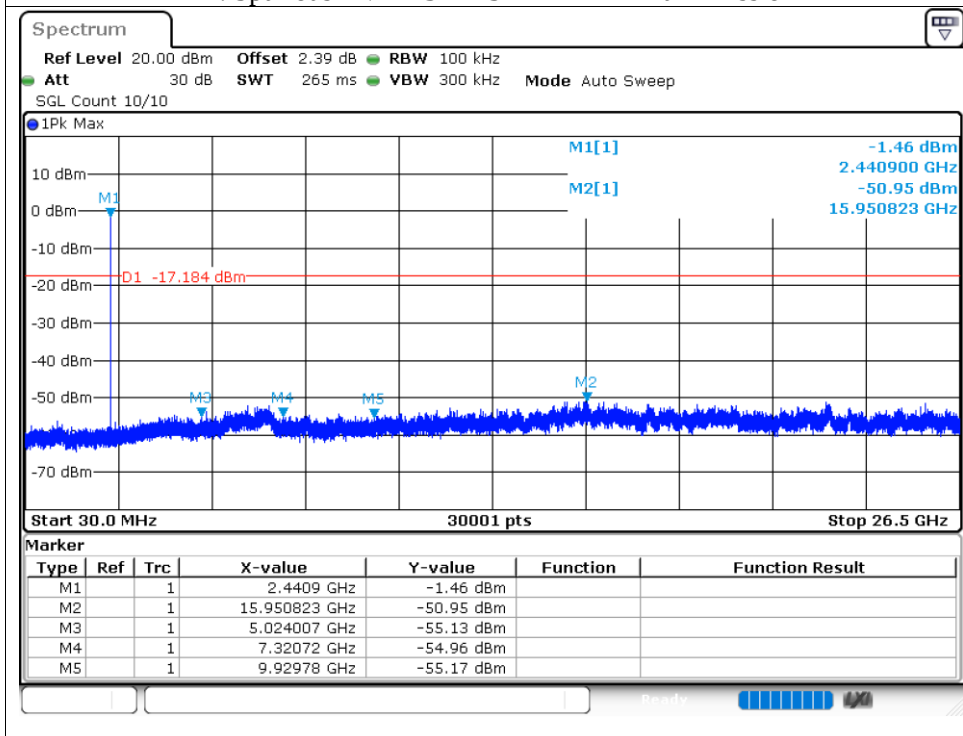
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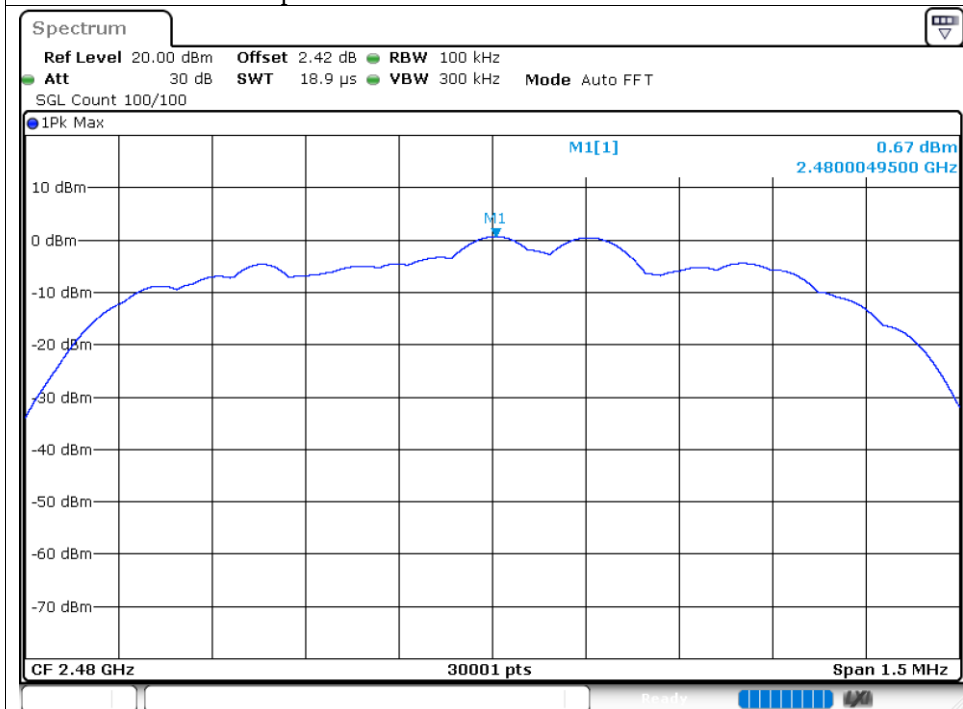
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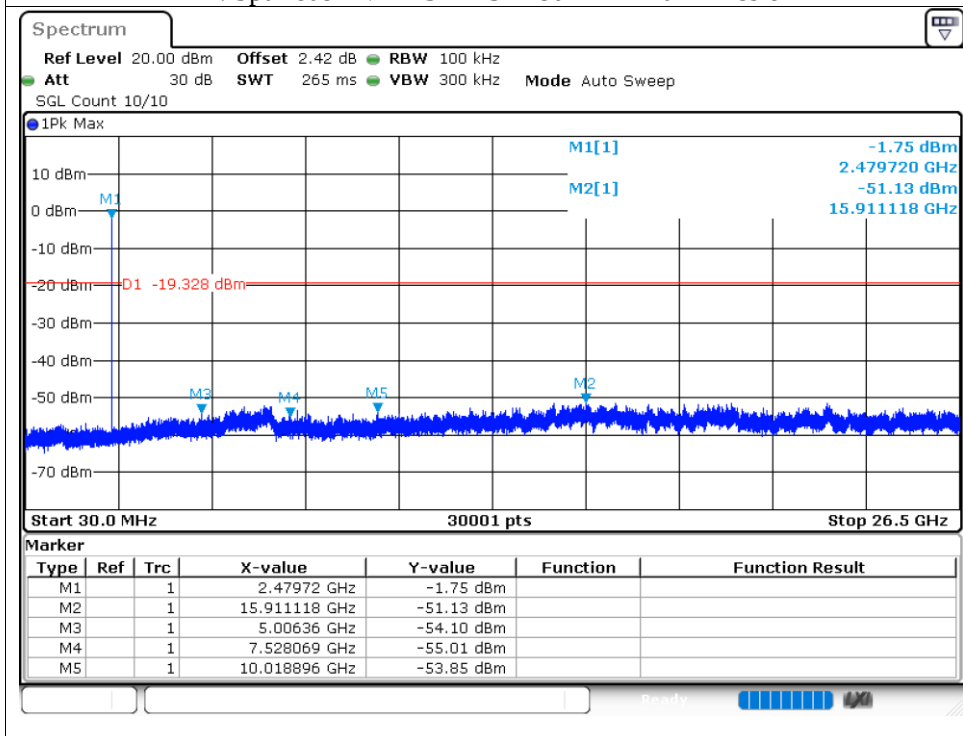
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



END OF REPORT