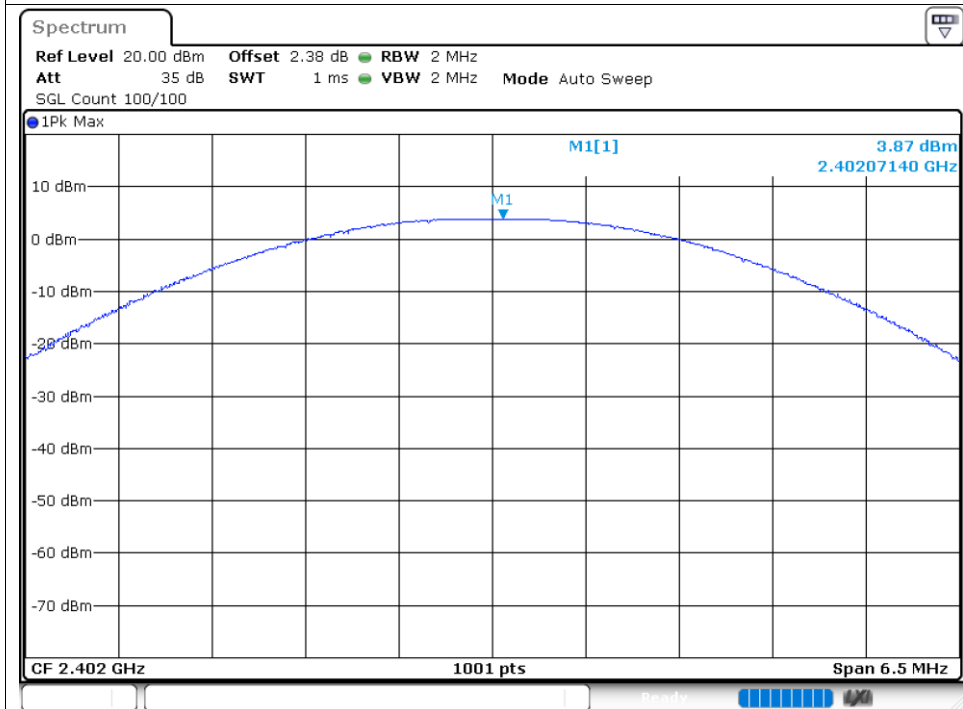
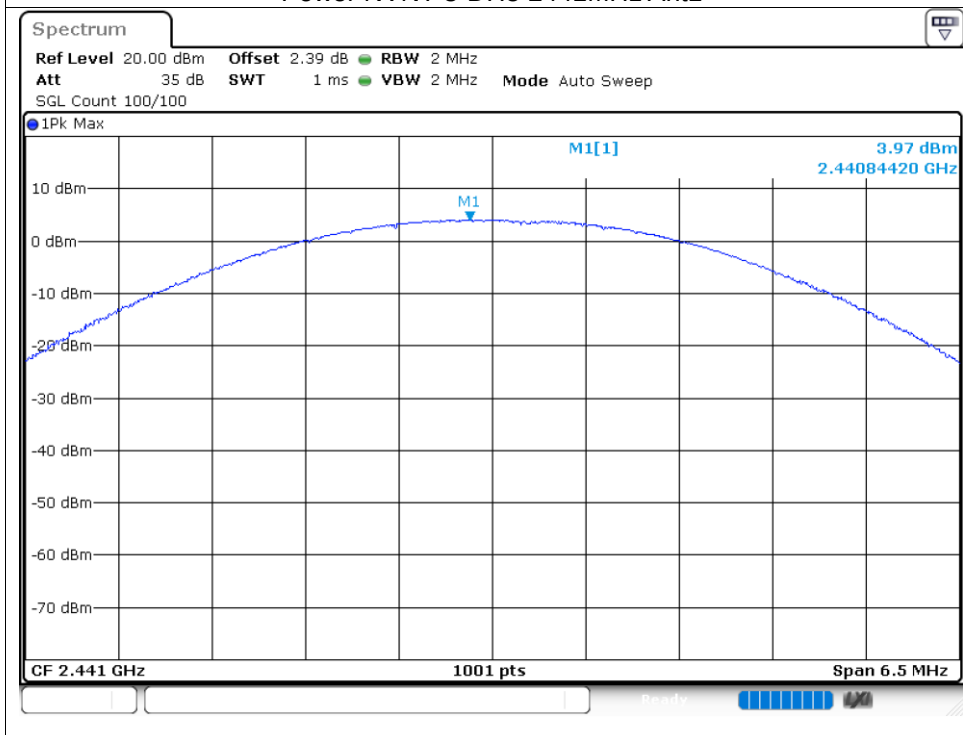
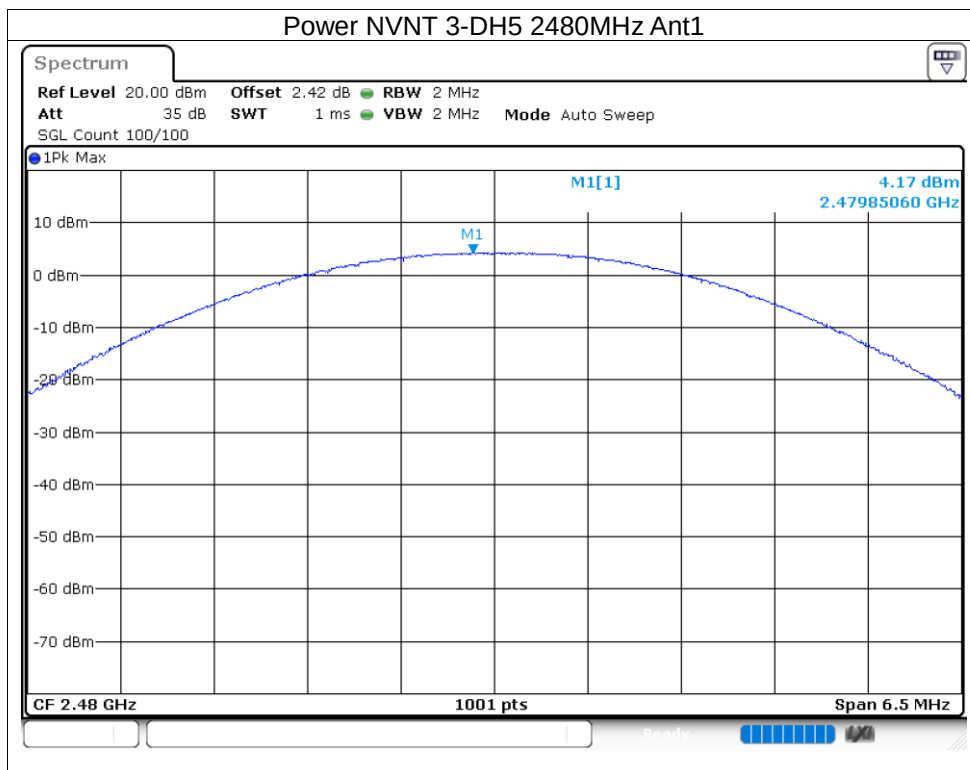


Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1





8.3 -20dB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.854	Pass
NVNT	1-DH5	2441	Ant1	0.85	Pass
NVNT	1-DH5	2480	Ant1	0.854	Pass
NVNT	2-DH5	2402	Ant1	1.278	Pass
NVNT	2-DH5	2441	Ant1	1.274	Pass
NVNT	2-DH5	2480	Ant1	1.274	Pass
NVNT	3-DH5	2402	Ant1	1.28	Pass
NVNT	3-DH5	2441	Ant1	1.256	Pass
NVNT	3-DH5	2480	Ant1	1.24	Pass

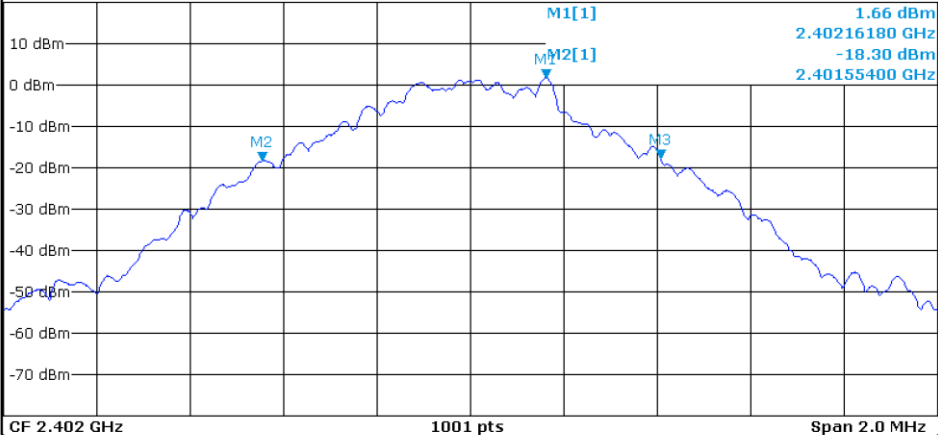
Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 2.38 dB RBW 30 kHz
Att 35 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

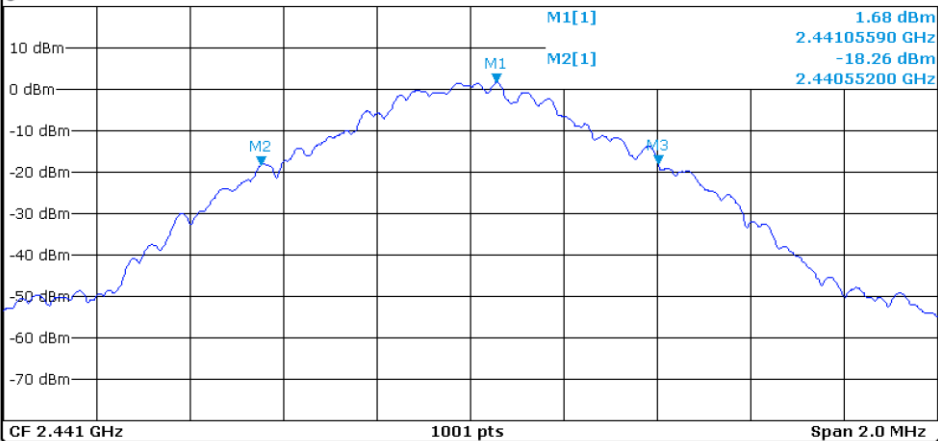
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	2.4021618 GHz	1.66 dBm		
M2	1	1	2.401554 GHz	-18.30 dBm		
M3	1	1	2.402408 GHz	-17.84 dBm		

-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 2.39 dB RBW 30 kHz
Att 35 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100

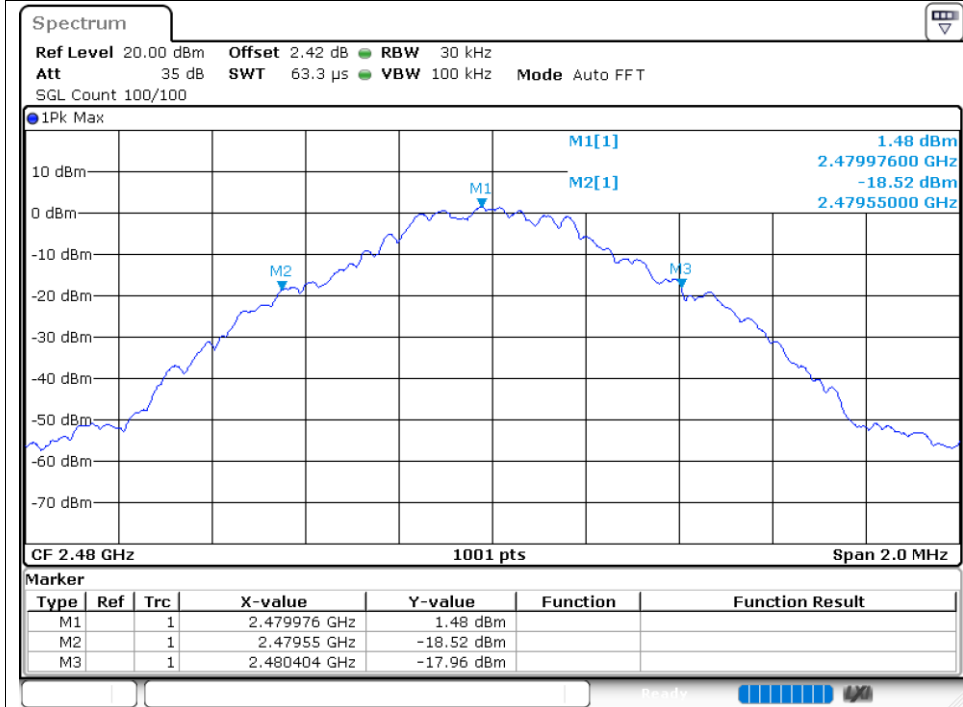
1Pk Max



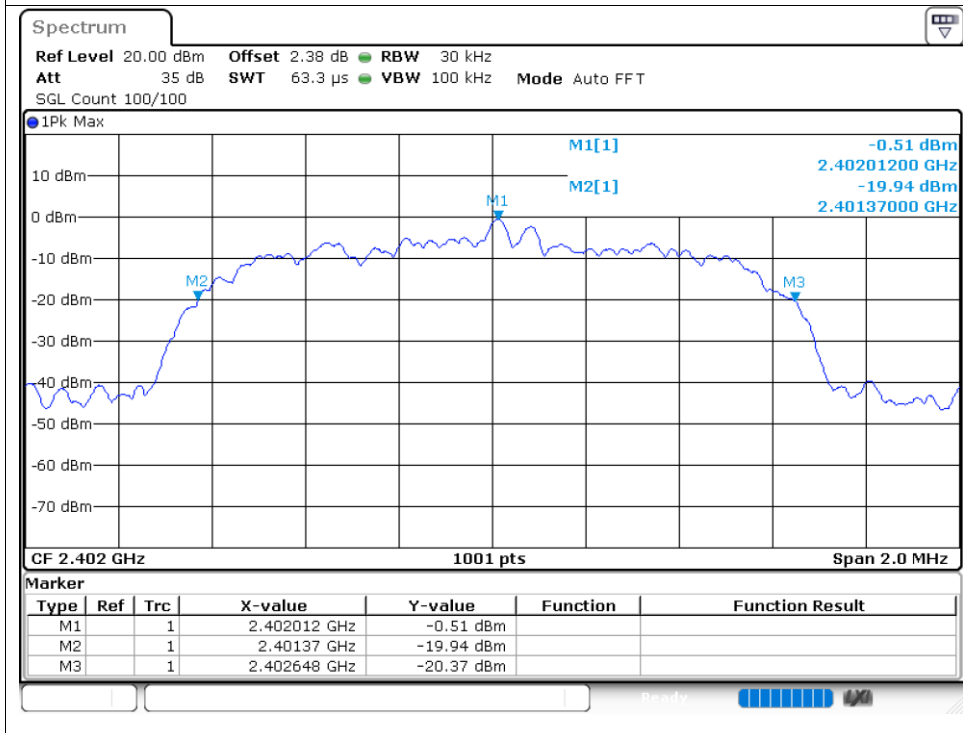
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1	1	2.4410559 GHz	1.68 dBm		
M2	1	1	2.440552 GHz	-18.26 dBm		
M3	1	1	2.441402 GHz	-18.01 dBm		

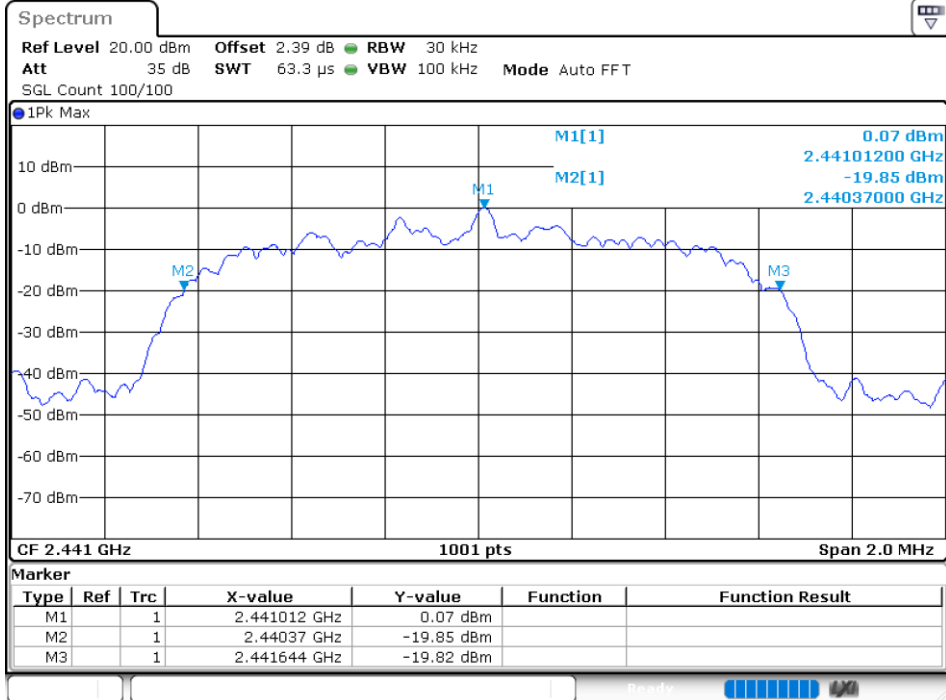
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



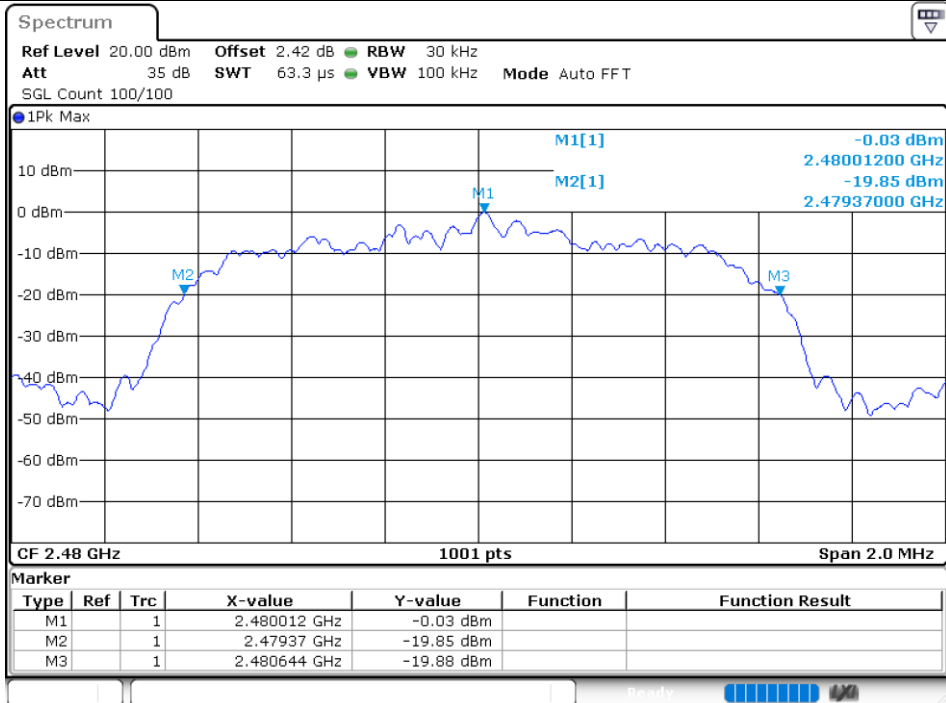
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



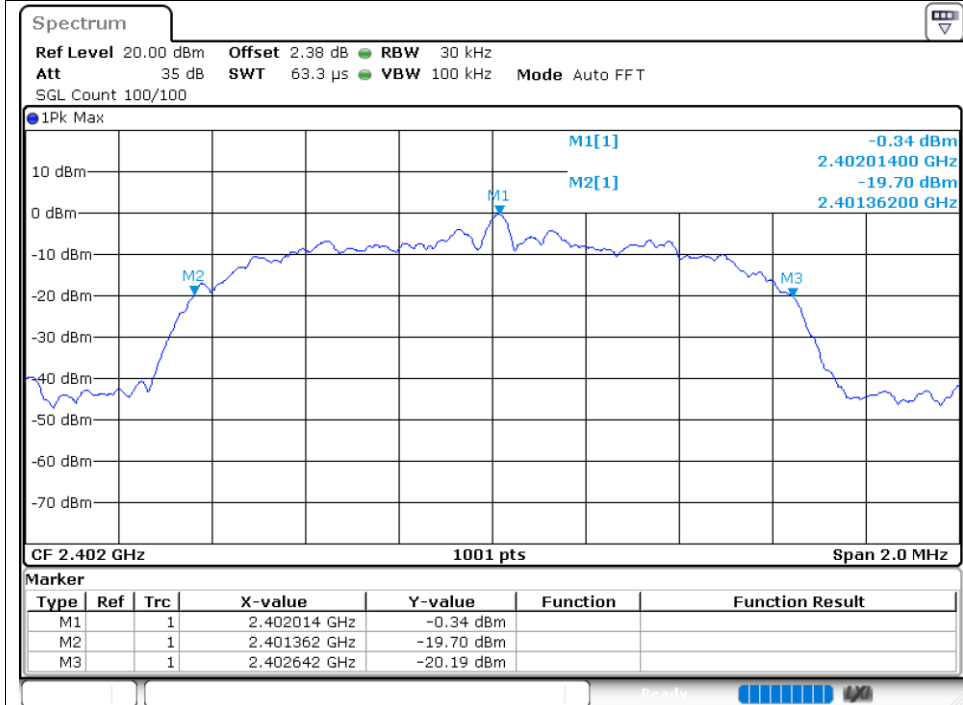
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



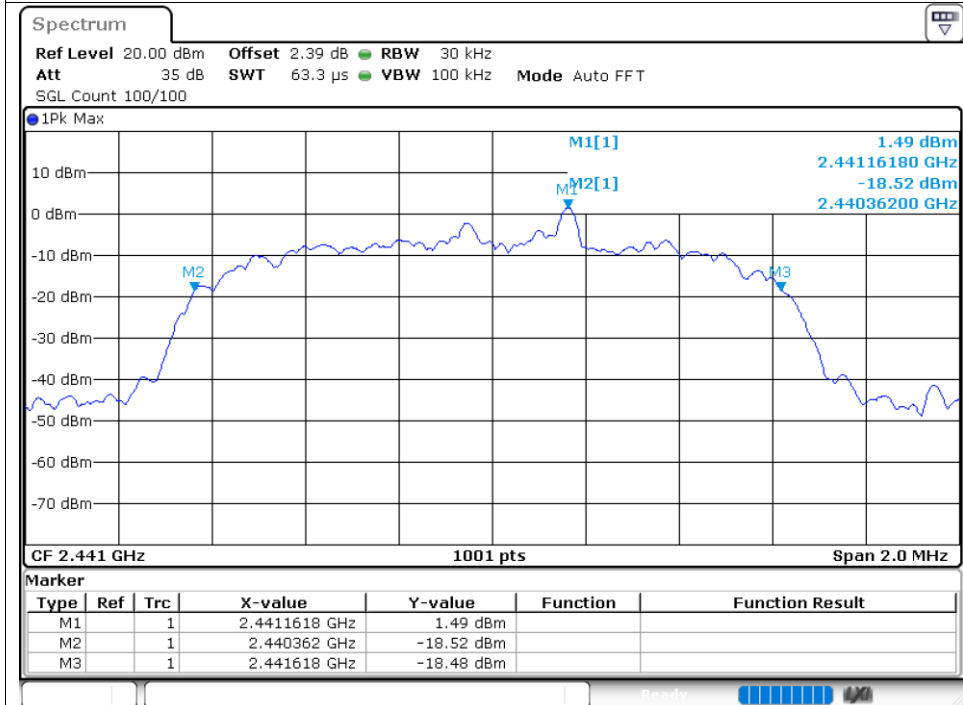
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

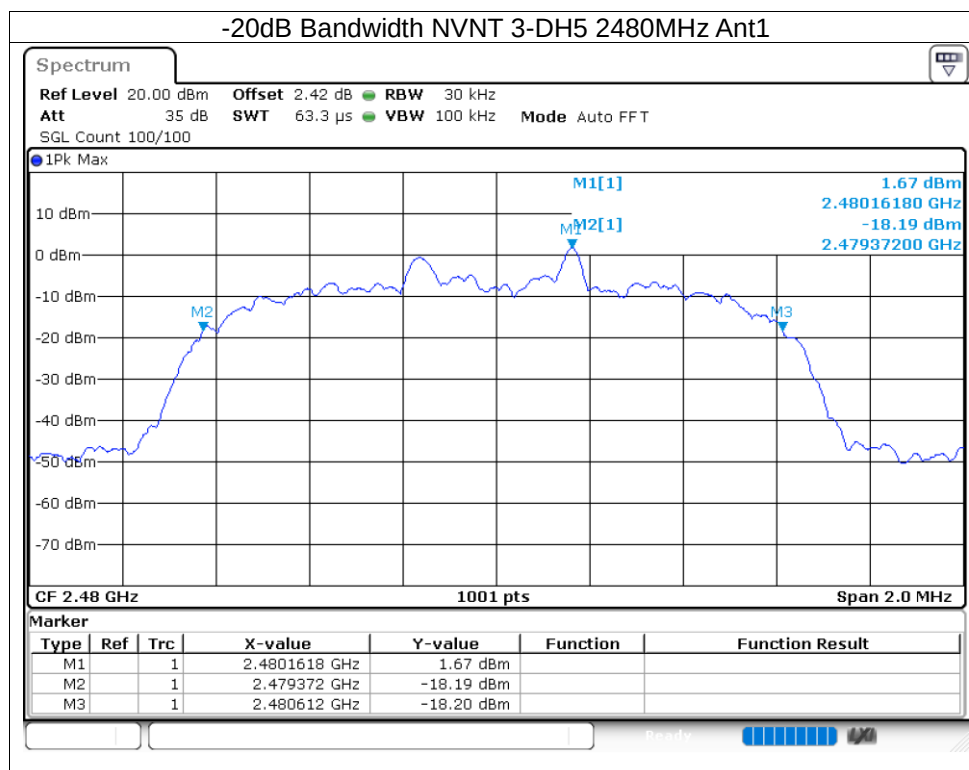


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

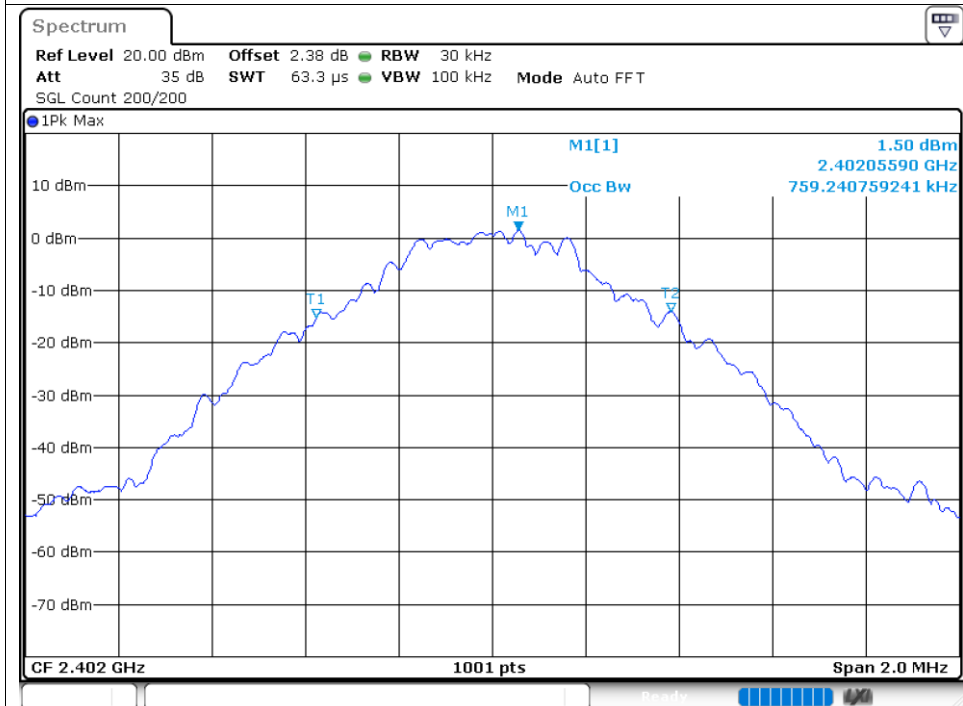




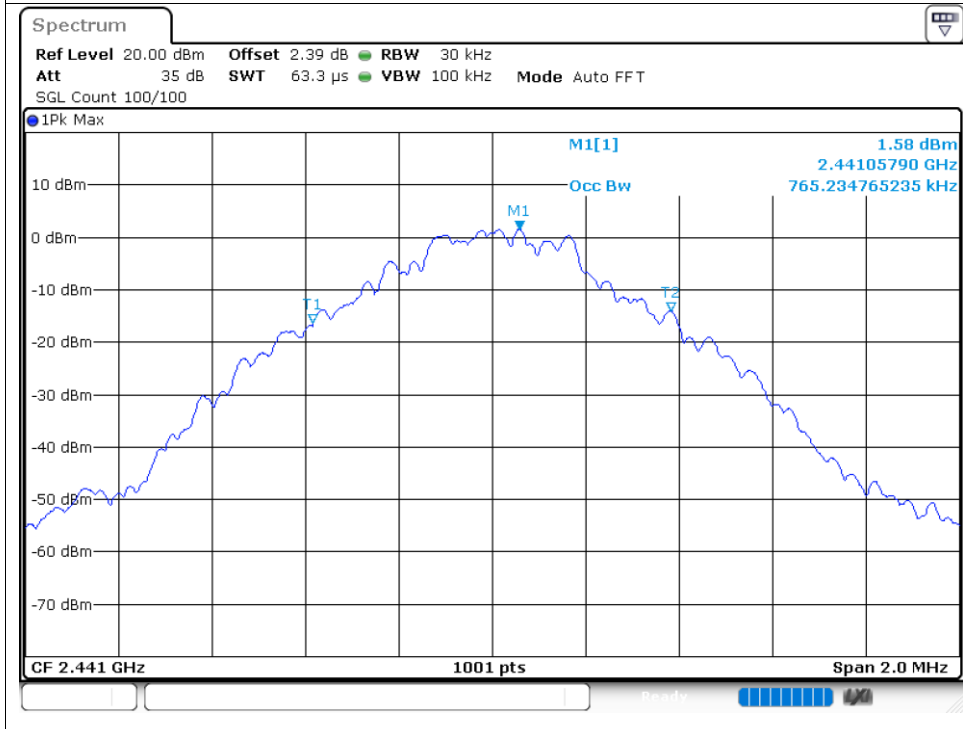
8.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.759
NVNT	1-DH5	2441	Ant1	0.765
NVNT	1-DH5	2480	Ant1	0.773
NVNT	2-DH5	2402	Ant1	1.151
NVNT	2-DH5	2441	Ant1	1.157
NVNT	2-DH5	2480	Ant1	1.169
NVNT	3-DH5	2402	Ant1	1.171
NVNT	3-DH5	2441	Ant1	1.177
NVNT	3-DH5	2480	Ant1	1.163

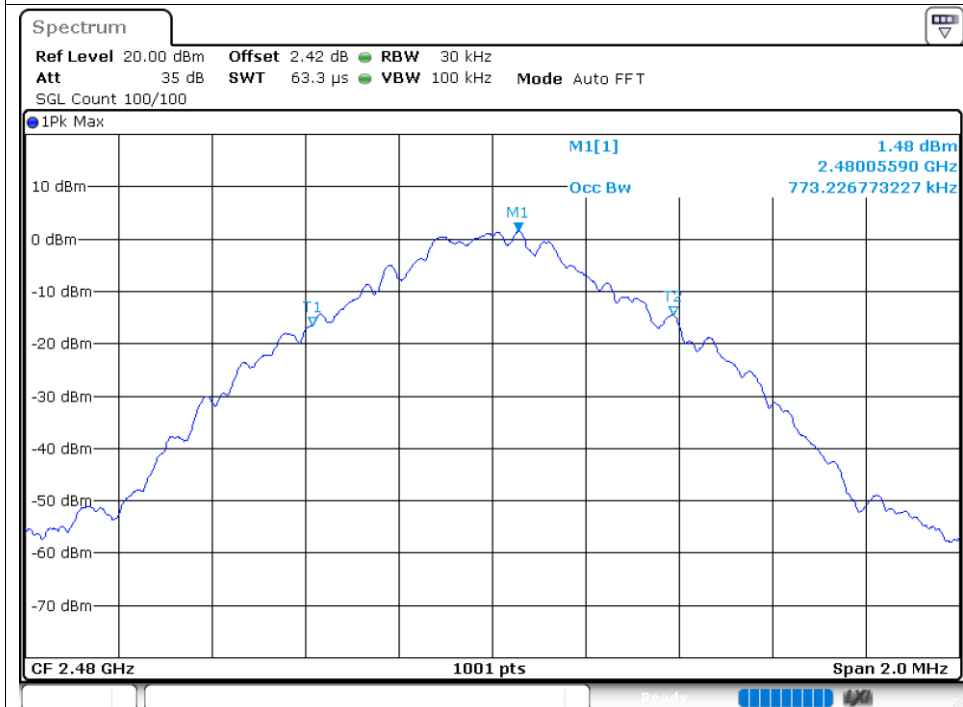
Test Graphs OBW NVNT 1-DH5 2402MHz Ant1



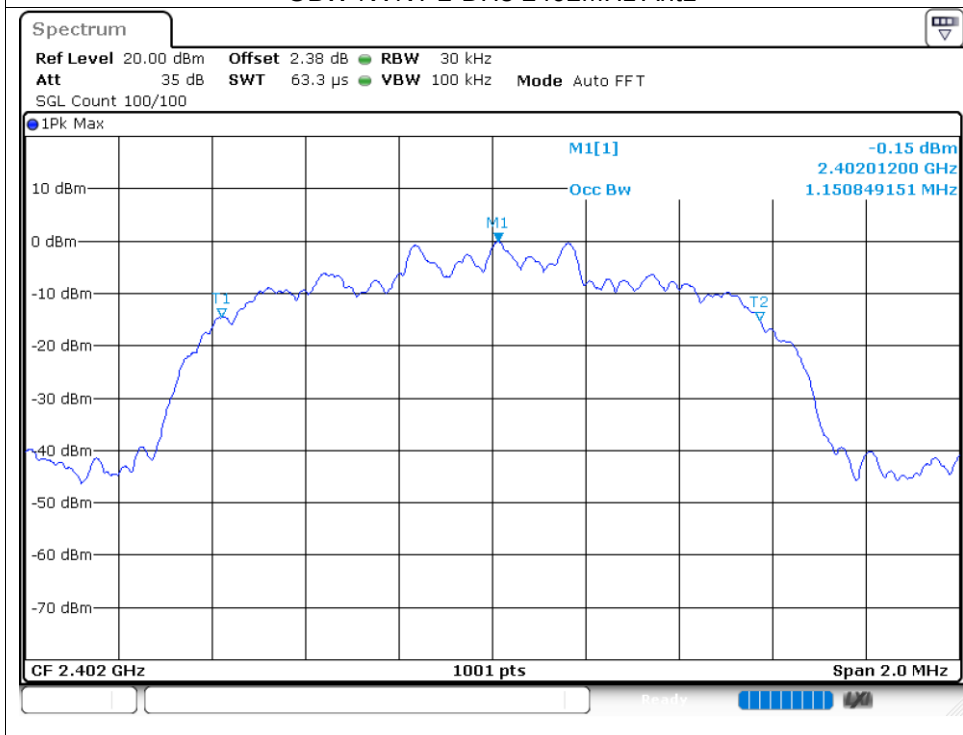
OBW NVNT 1-DH5 2441MHz Ant1



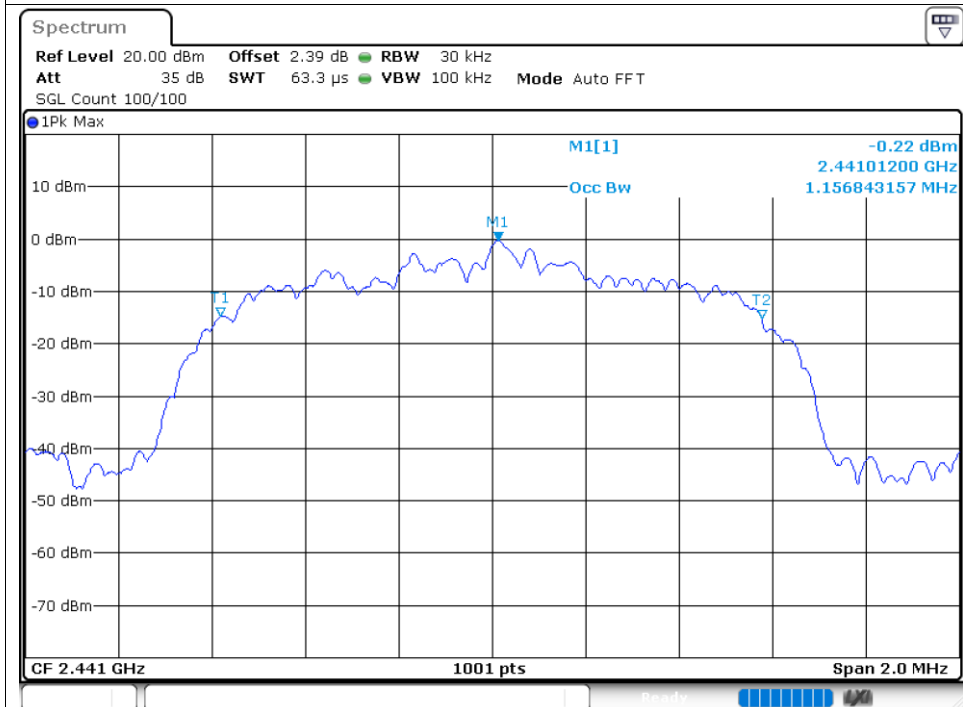
OBW NVNT 1-DH5 2480MHz Ant1



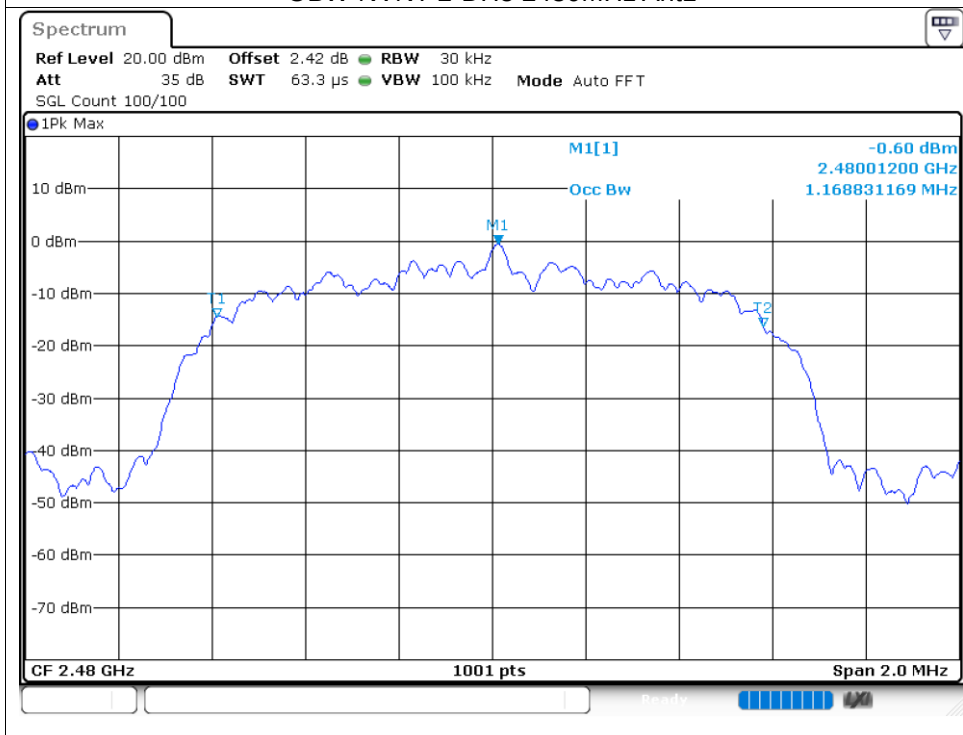
OBW NVNT 2-DH5 2402MHz Ant1



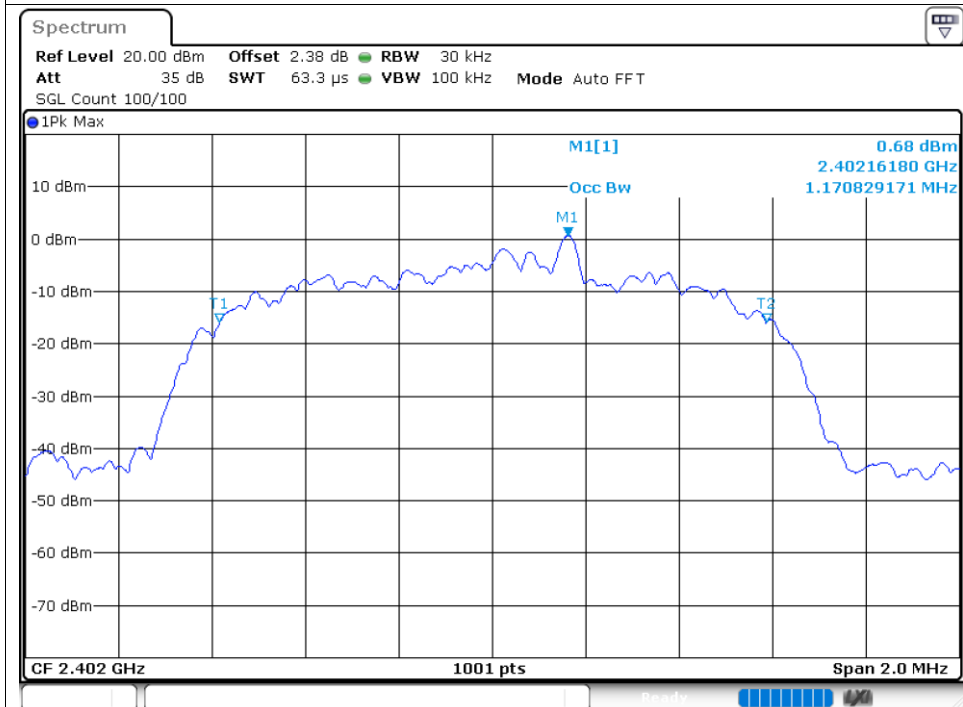
OBW NVNT 2-DH5 2441MHz Ant1



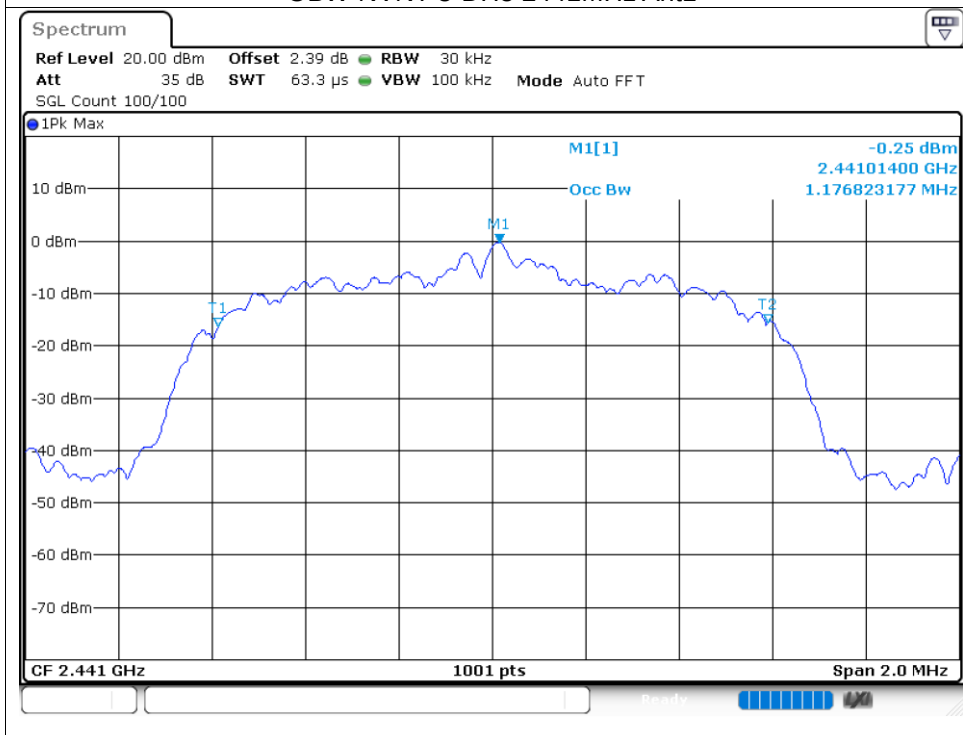
OBW NVNT 2-DH5 2480MHz Ant1

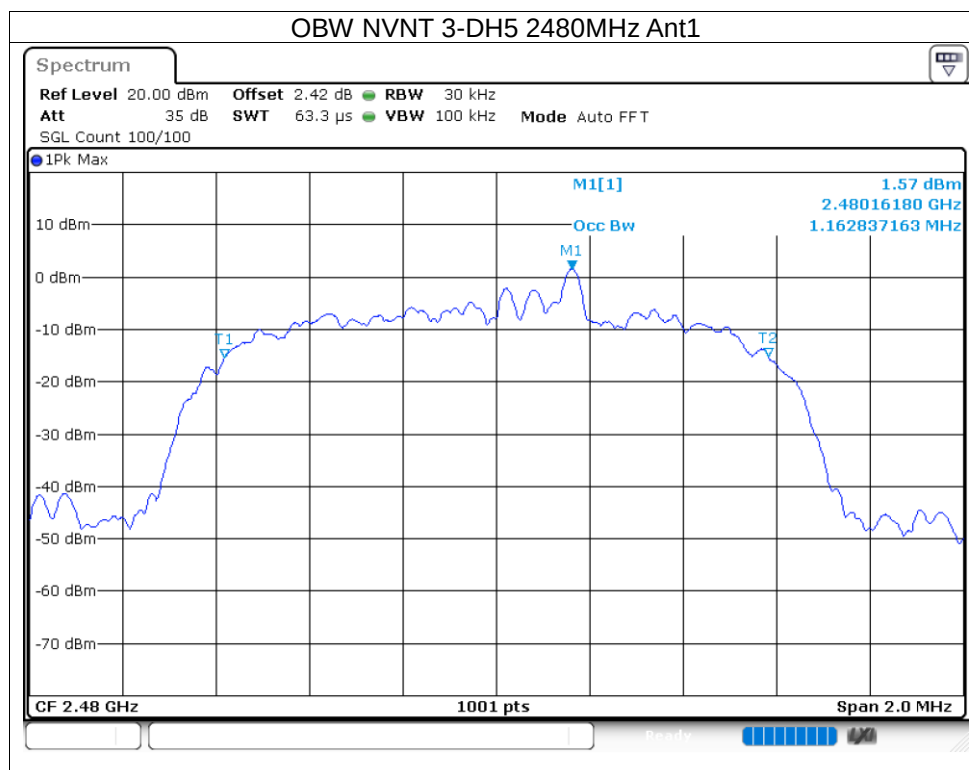


OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



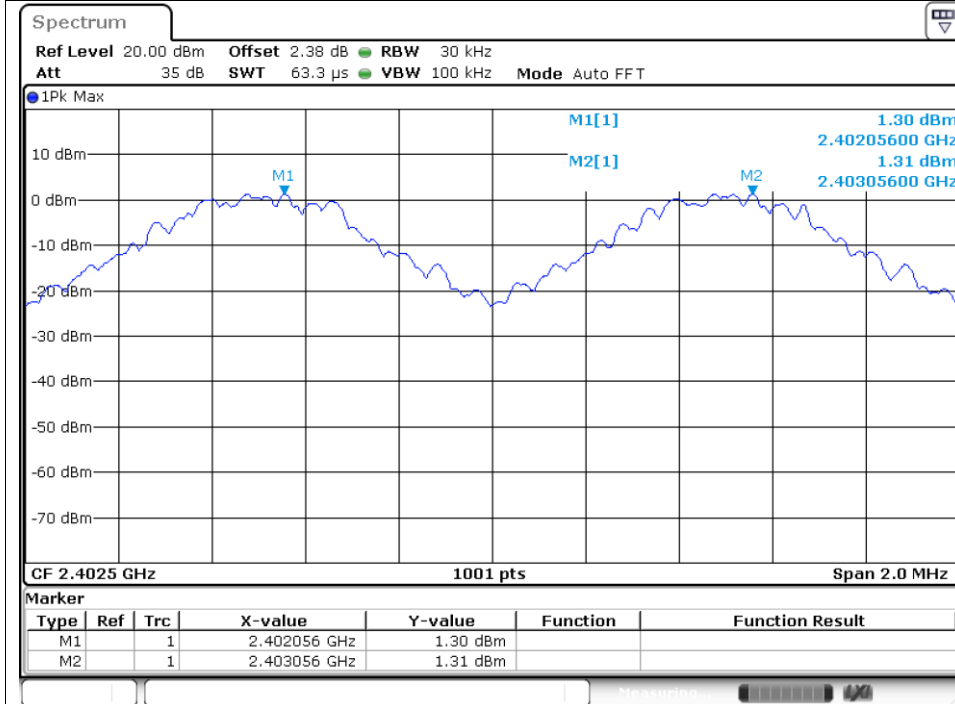


8.5 CARRIER FREQUENCIES SEPARATION

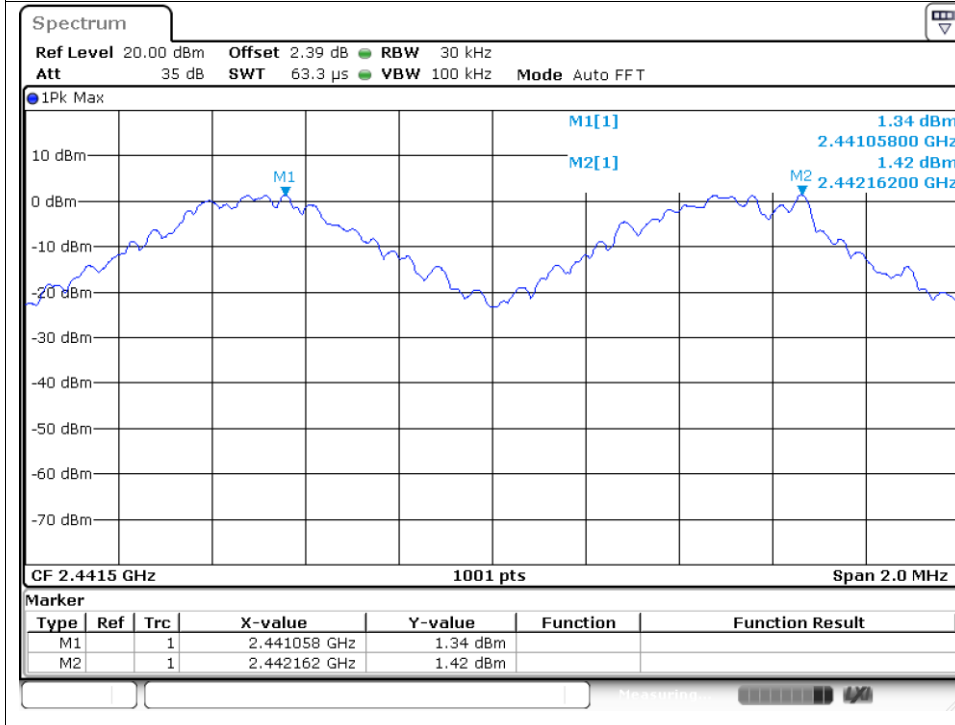
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.056	2403.056	1	0.569	Pass
NVNT	1-DH5	Ant1	2441.058	2442.162	1.104	0.567	Pass
NVNT	1-DH5	Ant1	2479.056	2480.162	1.106	0.569	Pass
NVNT	2-DH5	Ant1	2402.162	2403.164	1.002	0.852	Pass
NVNT	2-DH5	Ant1	2441.012	2442.164	1.152	0.849	Pass
NVNT	2-DH5	Ant1	2479.076	2480.08	1.004	0.849	Pass
NVNT	3-DH5	Ant1	2402.16	2403.162	1.002	0.853	Pass
NVNT	3-DH5	Ant1	2440.834	2442.014	1.18	0.837	Pass
NVNT	3-DH5	Ant1	2479.012	2480.014	1.002	0.827	Pass

Test Graphs

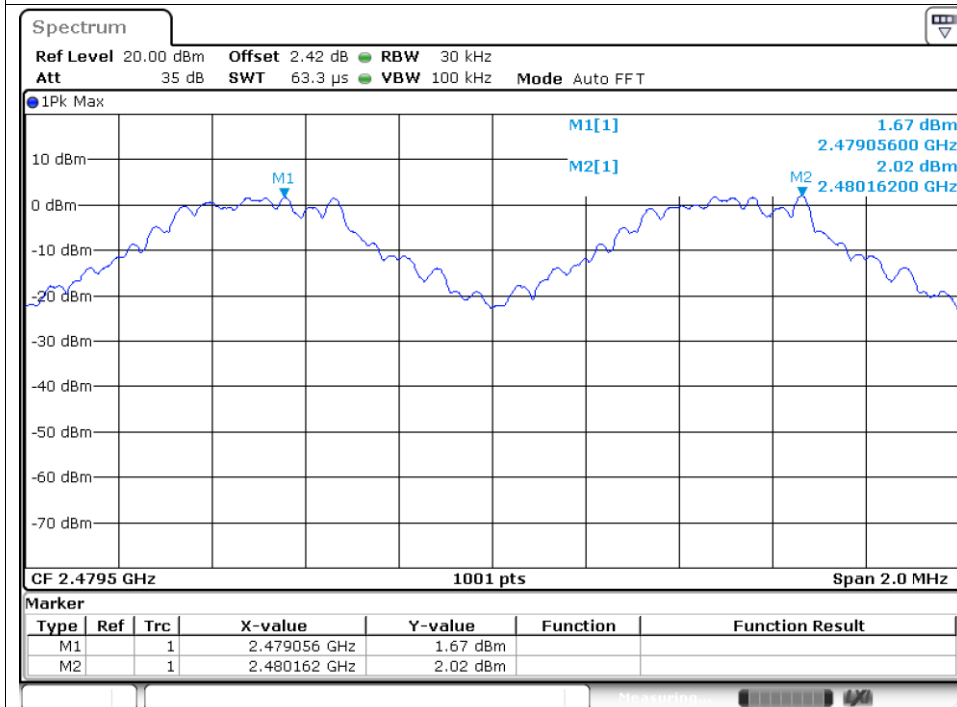
CFS NVNT 1-DH5 2402MHz Ant1



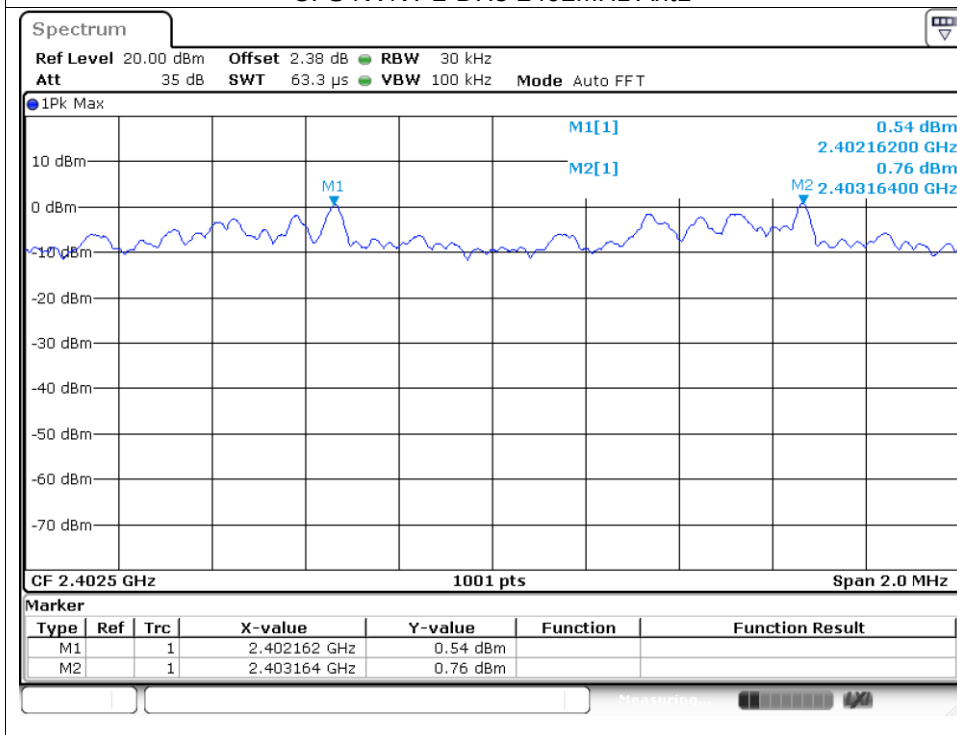
CFS NVNT 1-DH5 2441MHz Ant1



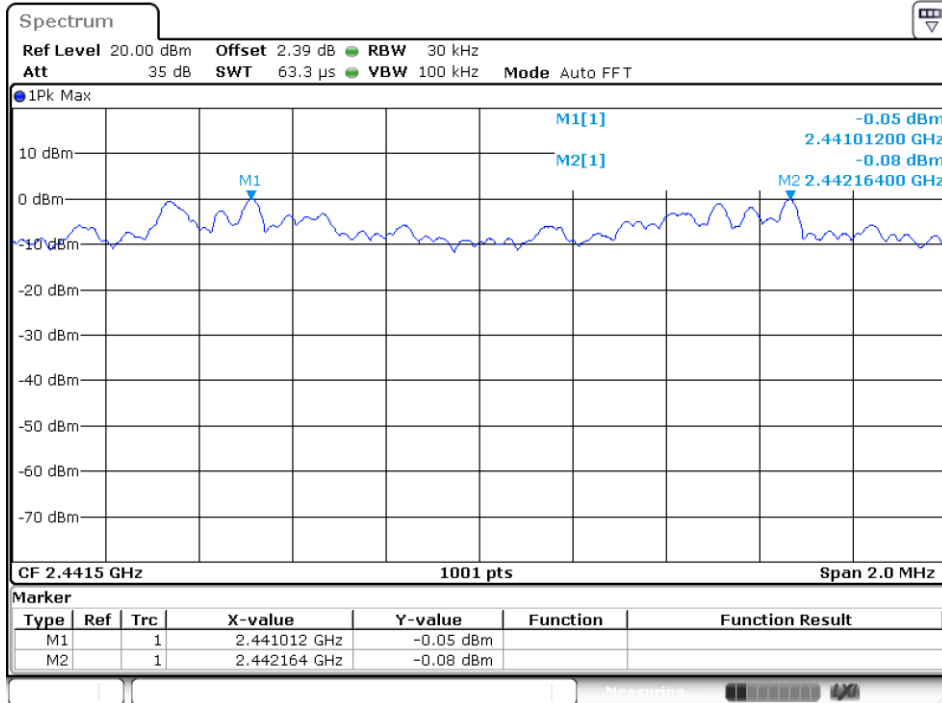
CFS NVNT 1-DH5 2480MHz Ant1



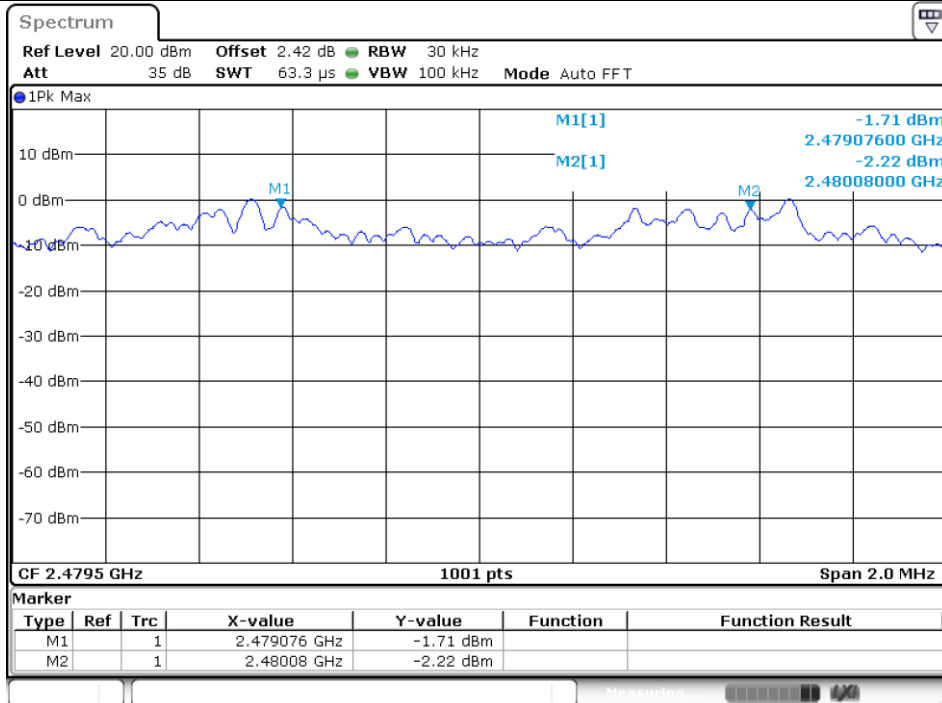
CFS NVNT 2-DH5 2402MHz Ant1



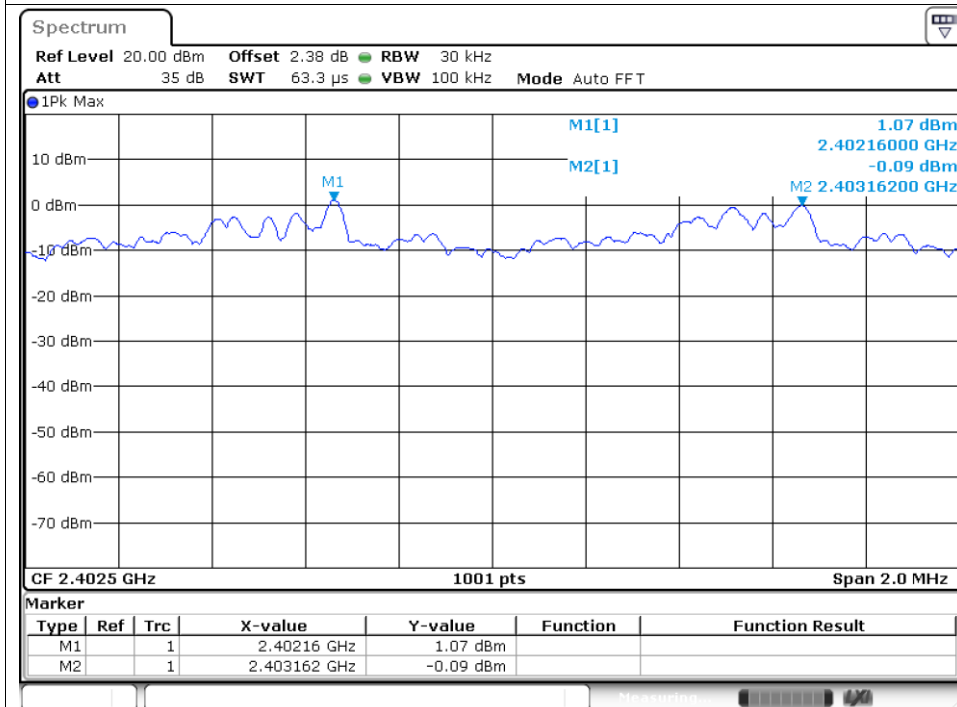
CFS NVNT 2-DH5 2441MHz Ant1



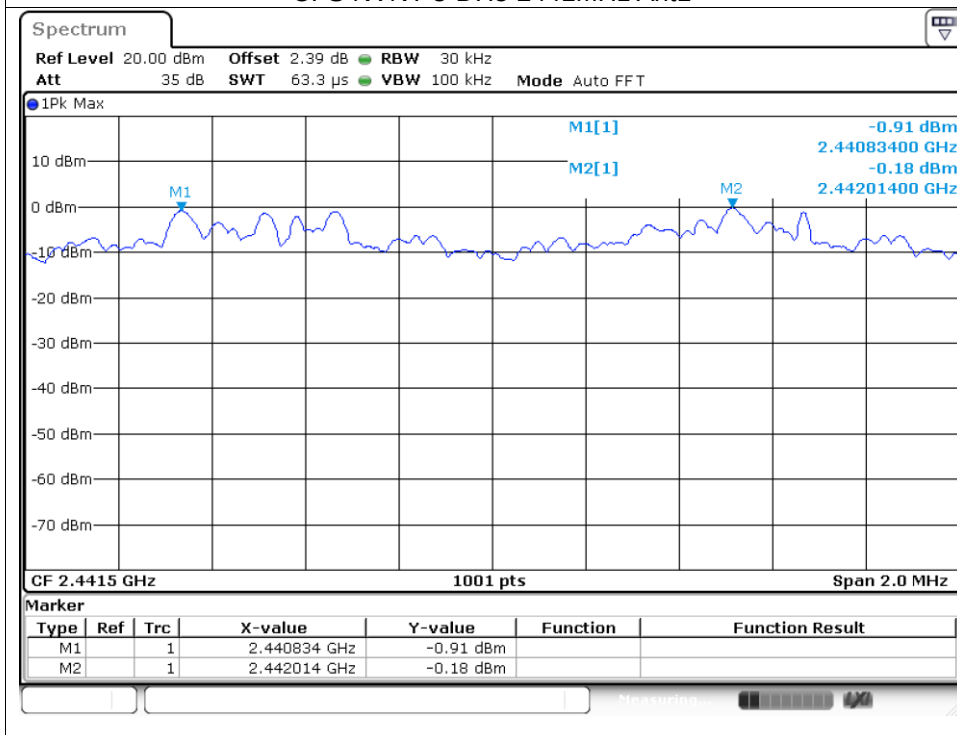
CFS NVNT 2-DH5 2480MHz Ant1

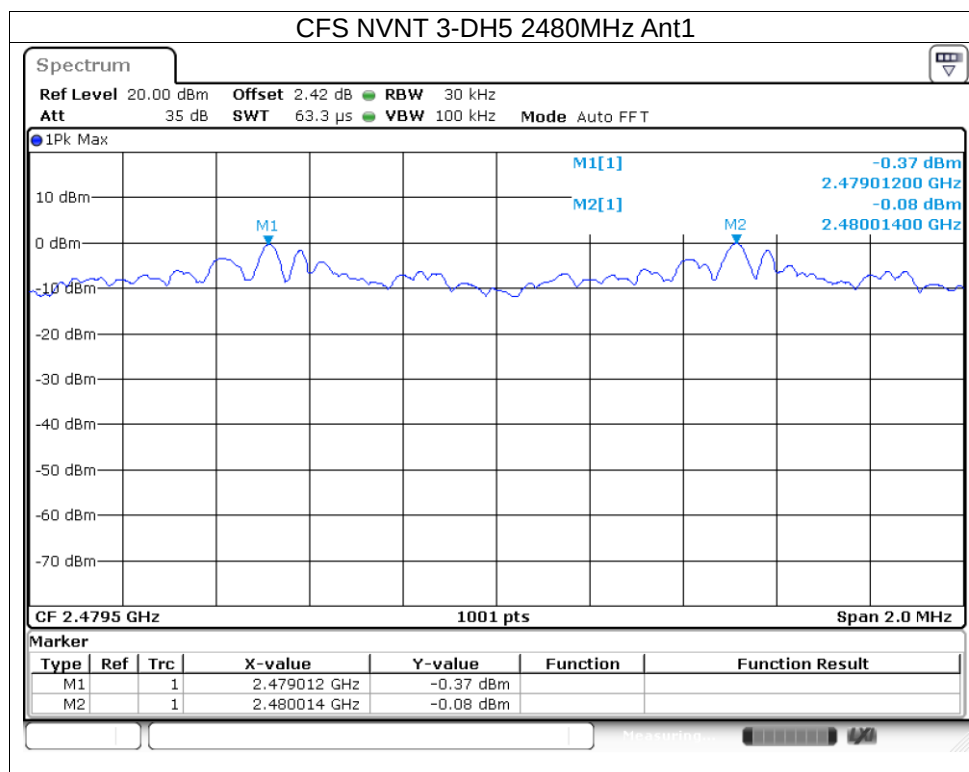


CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



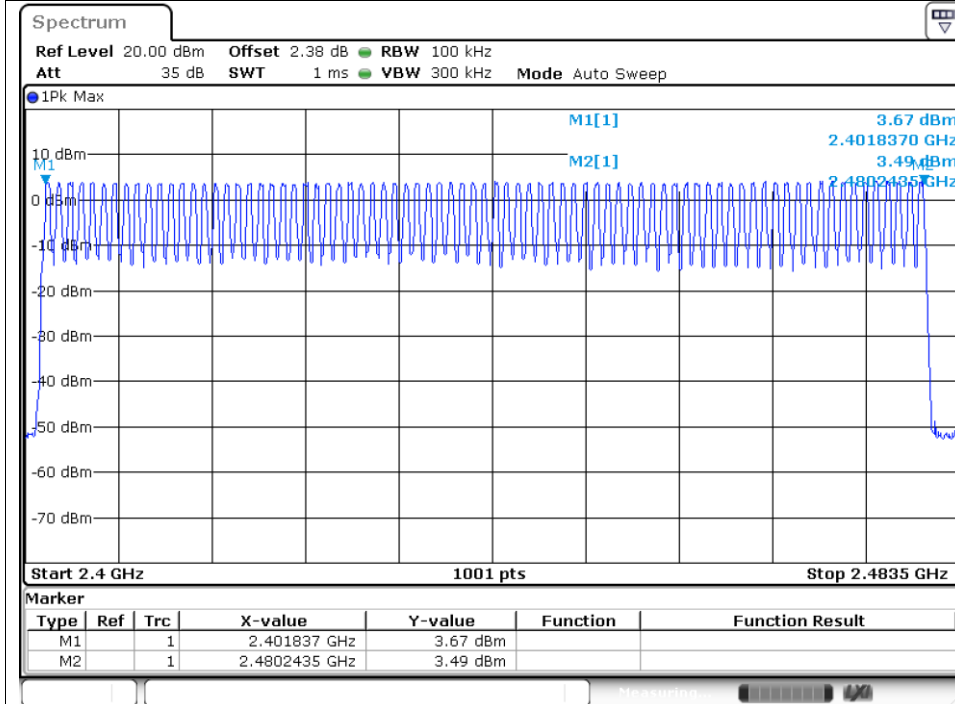


8.6 NUMBER OF HOPPING CHANNEL

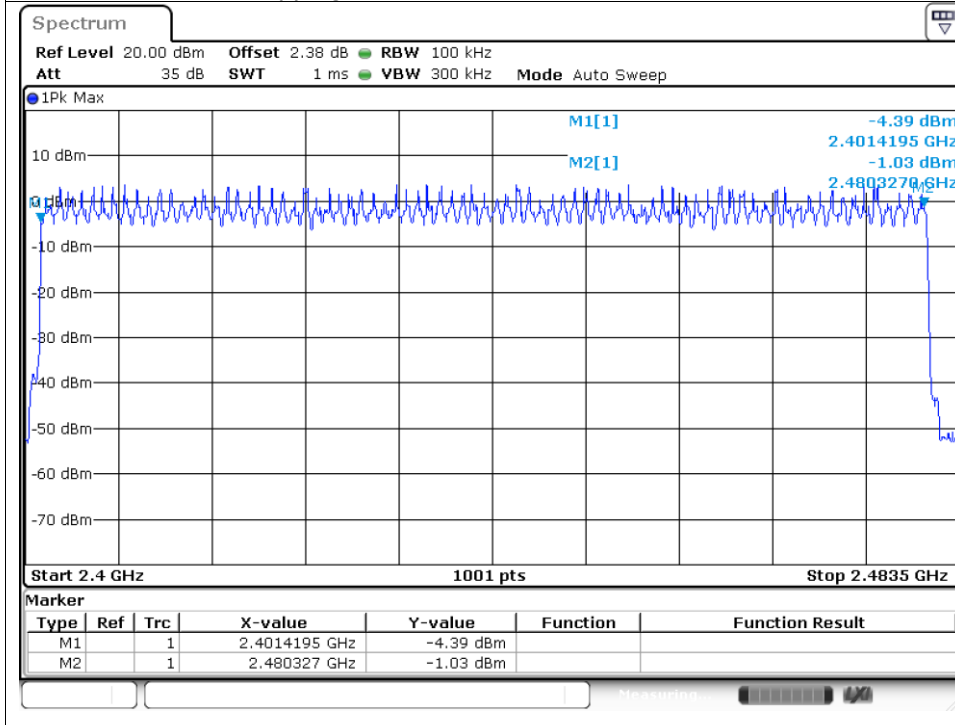
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

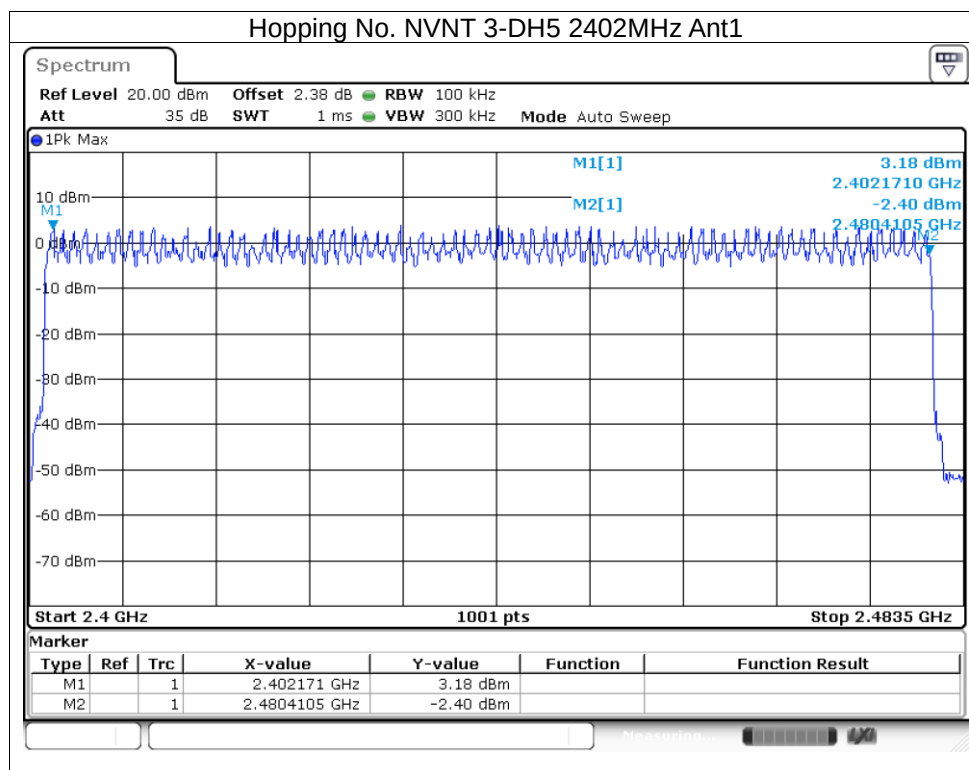
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1





8.7 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-53.54	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.12	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.09	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-52.02	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-53.91	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-55.65	-20	Pass

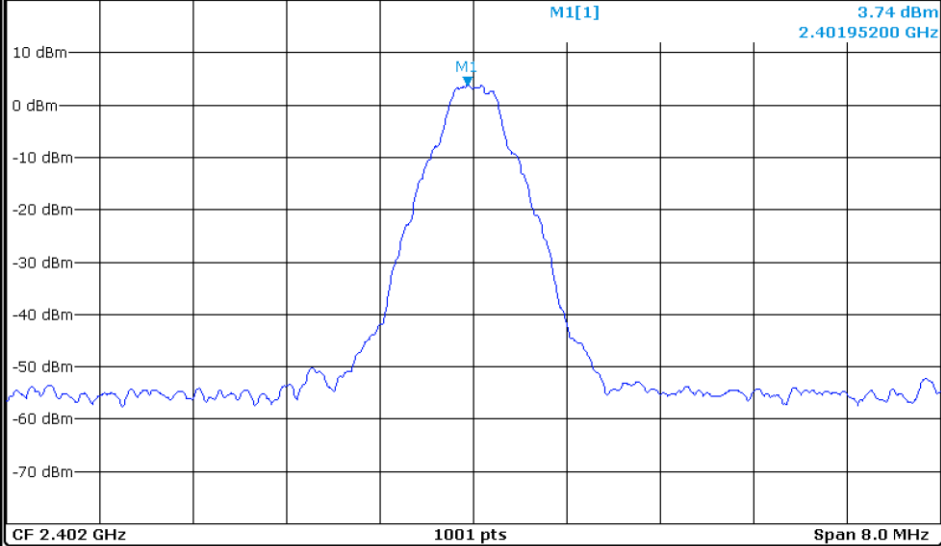
Test Graphs

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

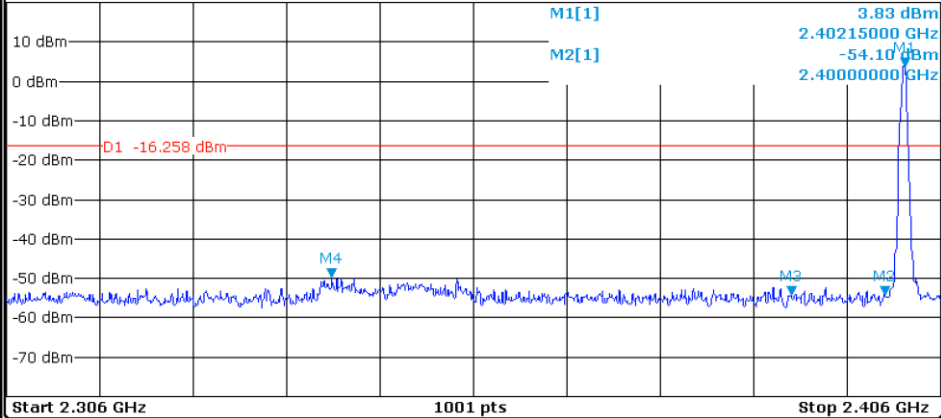


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

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

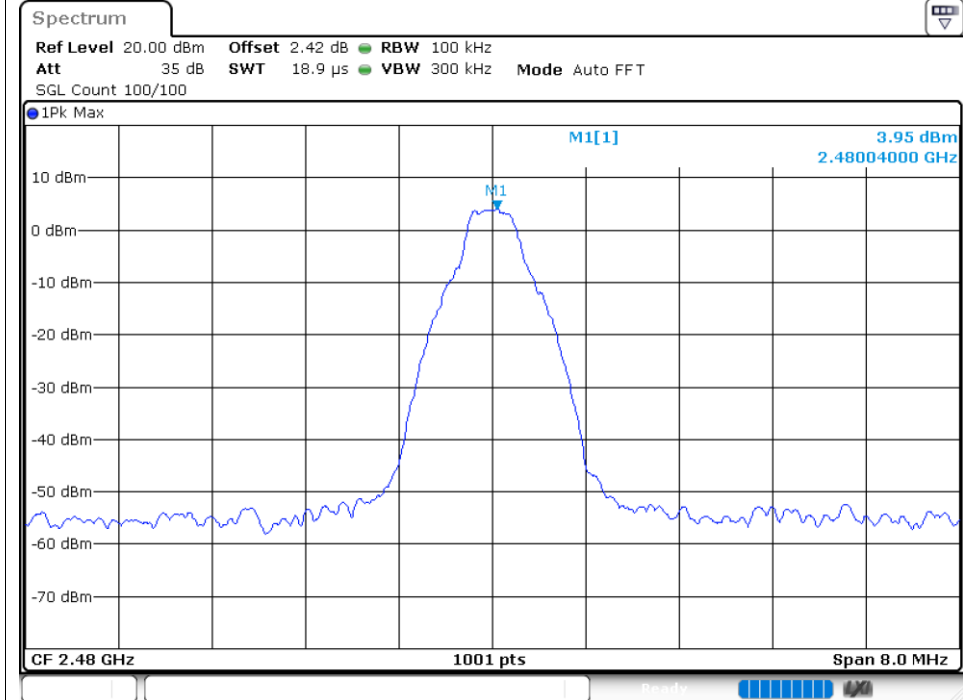
1Pk Max



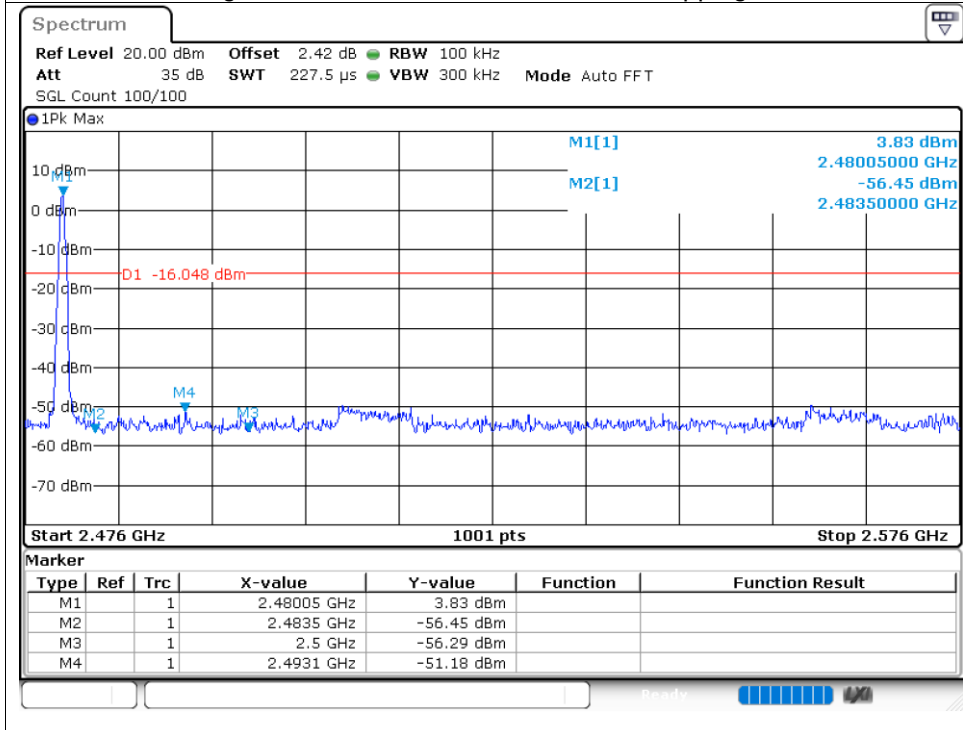
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40215 GHz	3.83 dBm		
M2	1		2.4 GHz	-54.10 dBm		
M3	1		2.39 GHz	-54.08 dBm		
M4	1		2.3408 GHz	-49.80 dBm		

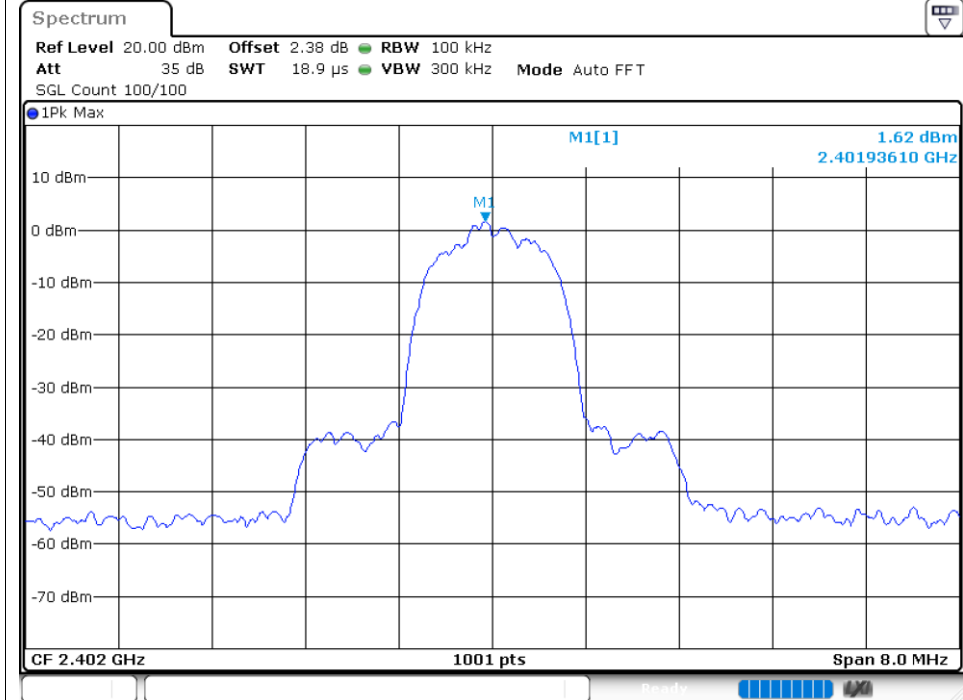
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



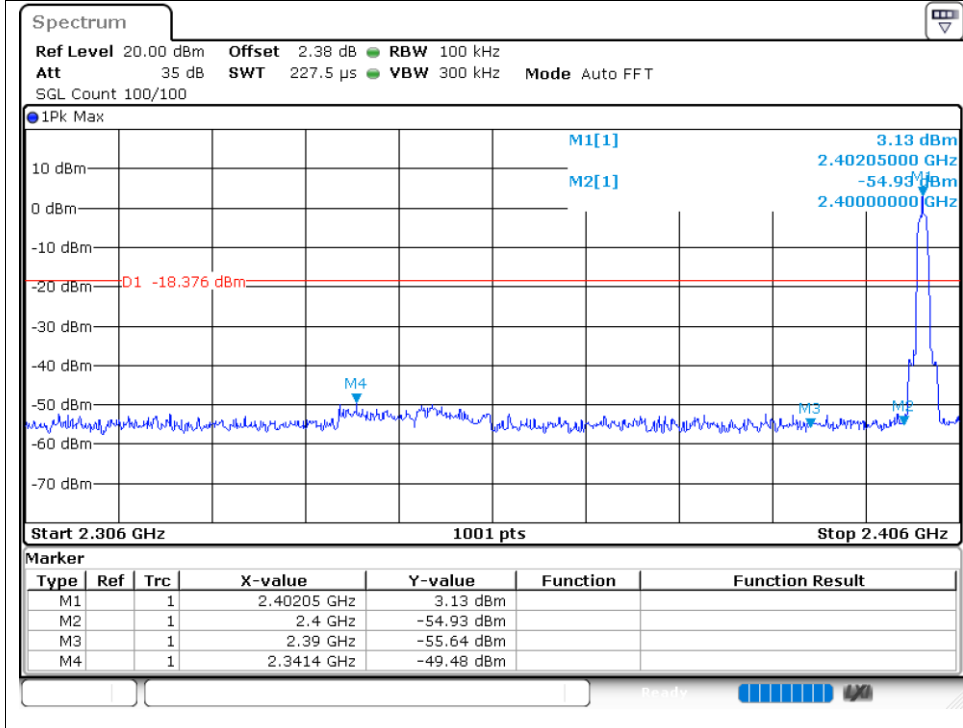
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



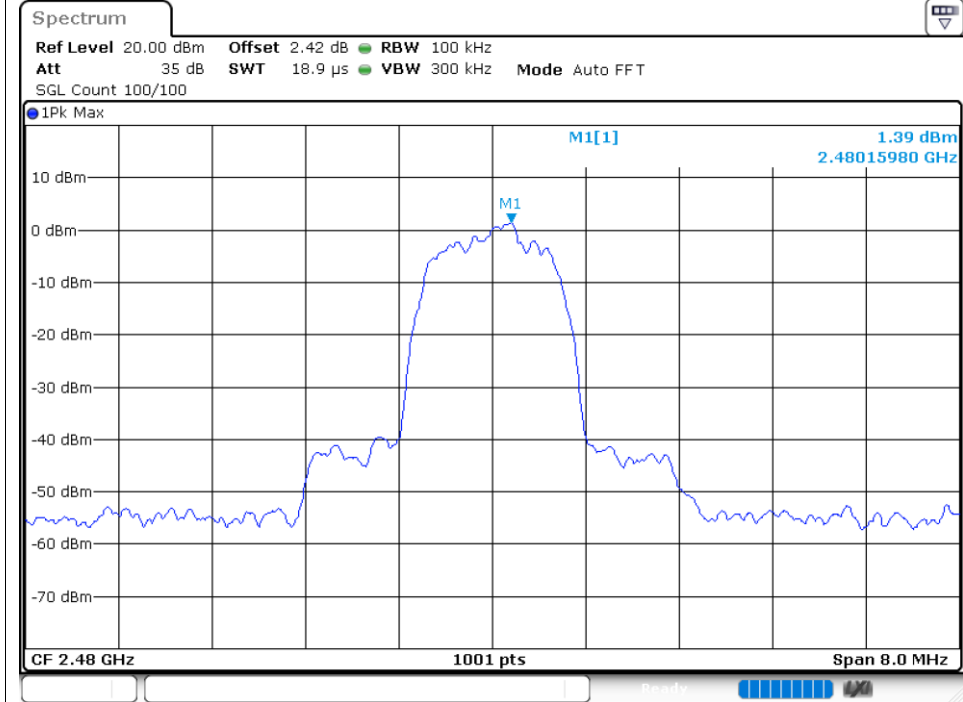
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



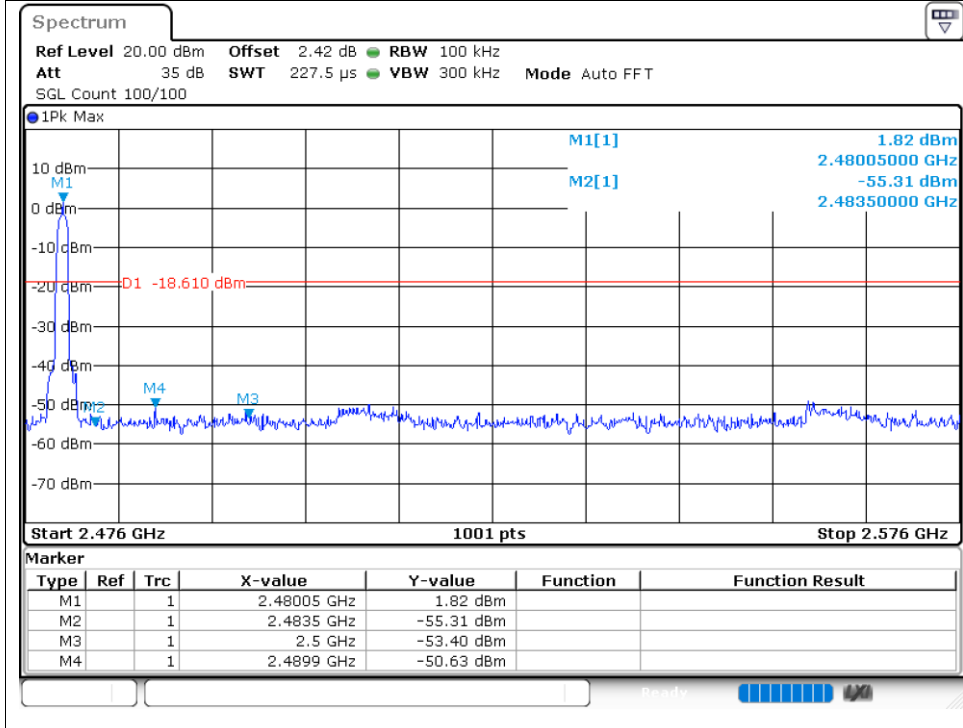
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



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



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

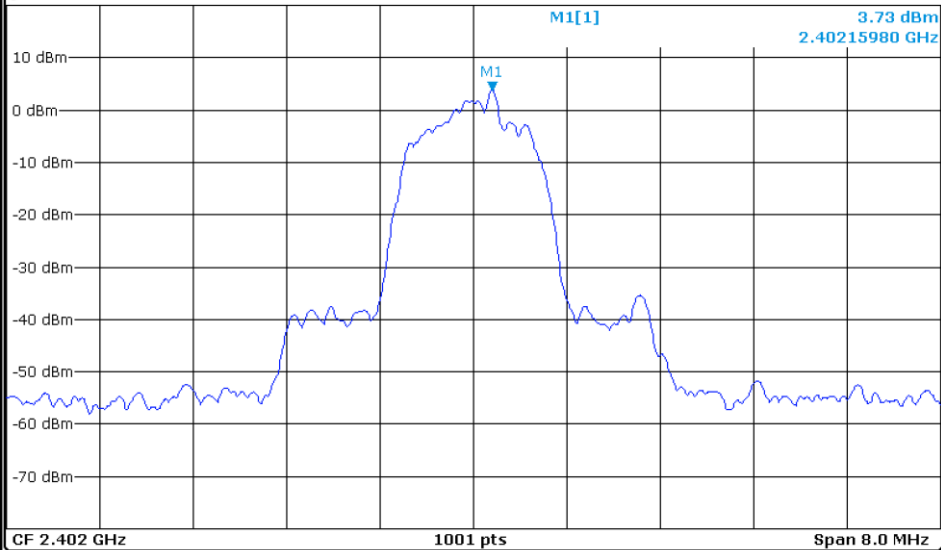


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

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

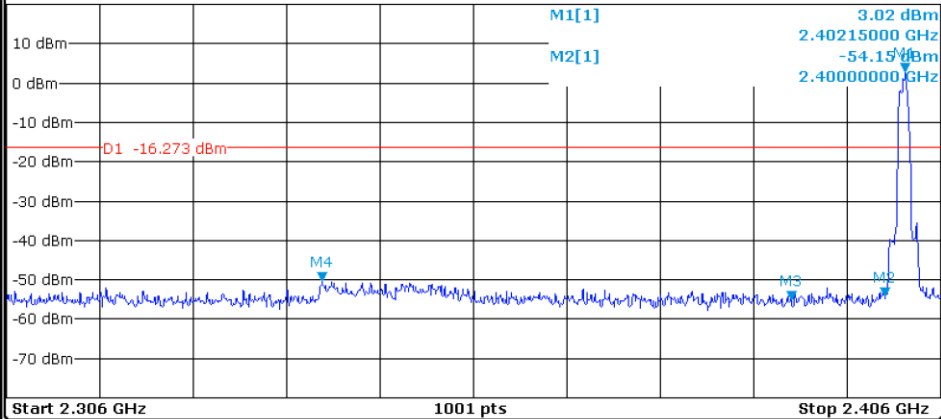


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

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



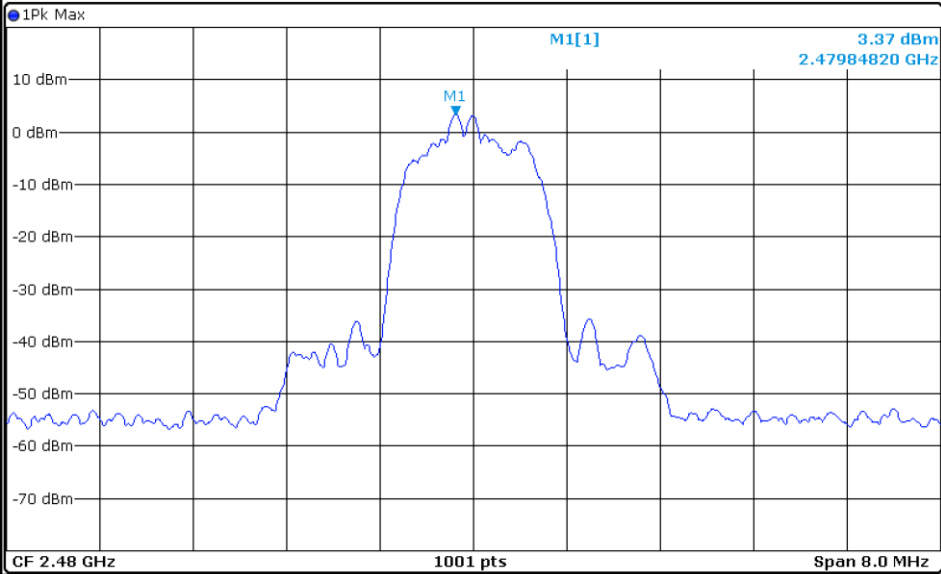
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40215 GHz	3.02 dBm		
M2	1		2.4 GHz	-54.15 dBm		
M3	1		2.39 GHz	-55.12 dBm		
M4	1		2.3398 GHz	-50.18 dBm		

Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref

Spectrum

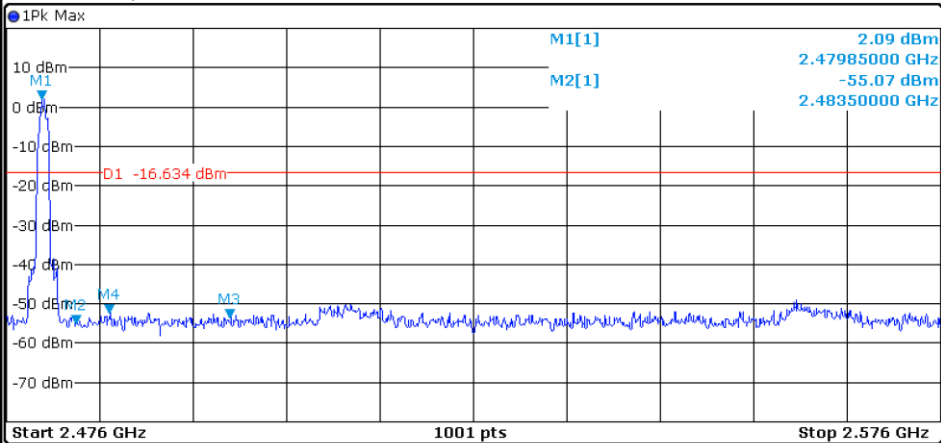
Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100



Band Edge NVNT 3-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

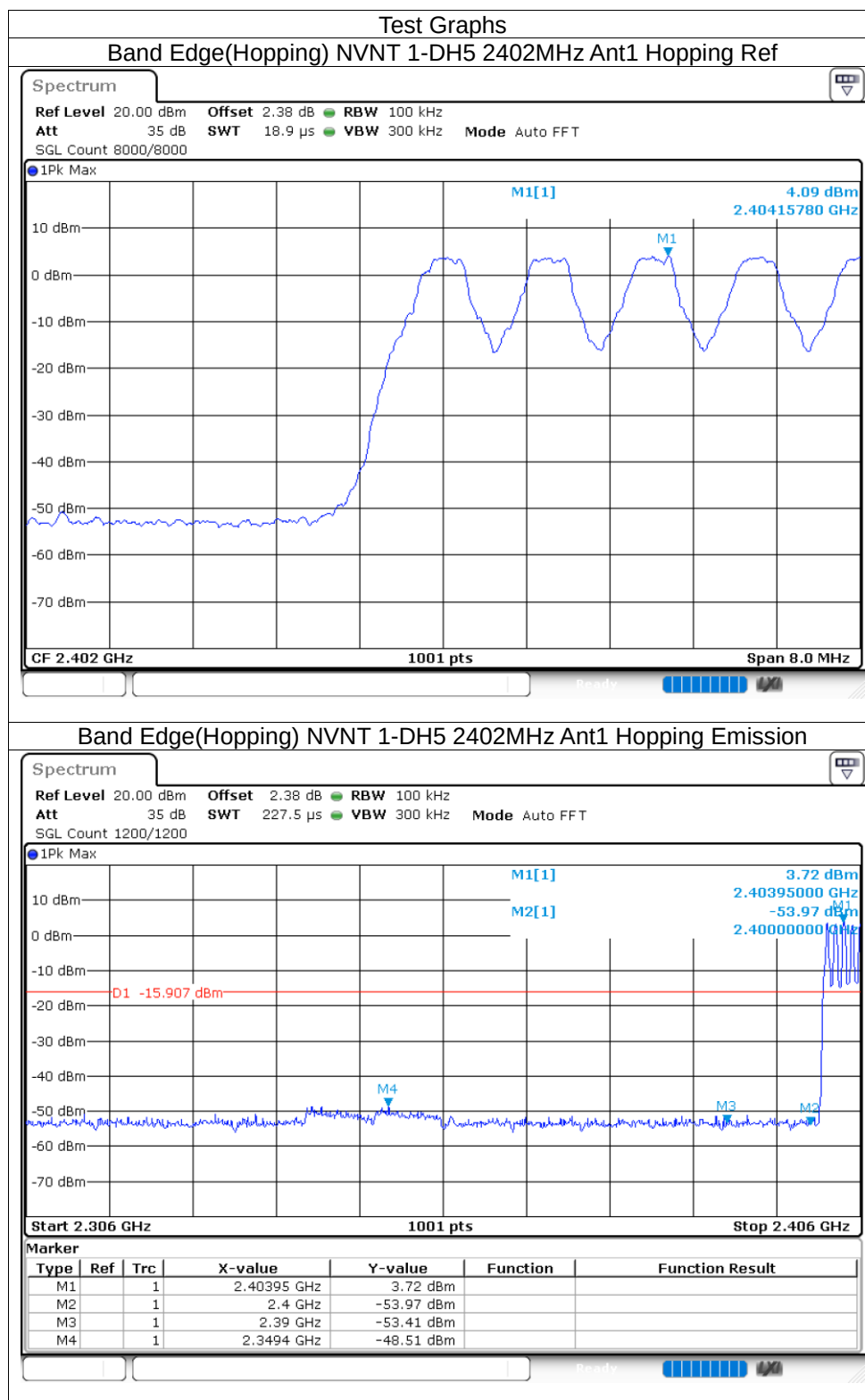


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47985 GHz	2.09 dBm		
M2		1	2.4835 GHz	-55.07 dBm		
M3		1	2.5 GHz	-53.67 dBm		
M4		1	2.4871 GHz	-52.28 dBm		

8.8 BAND EDGE(HOPPING)

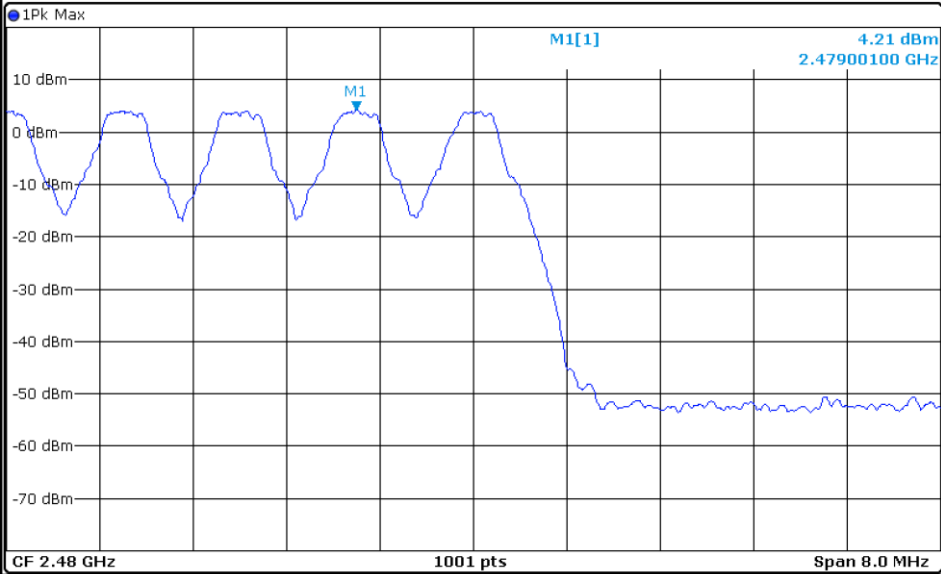
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-52.59	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55.59	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-52.25	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-54.47	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-52.48	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.7	-20	Pass



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

Spectrum

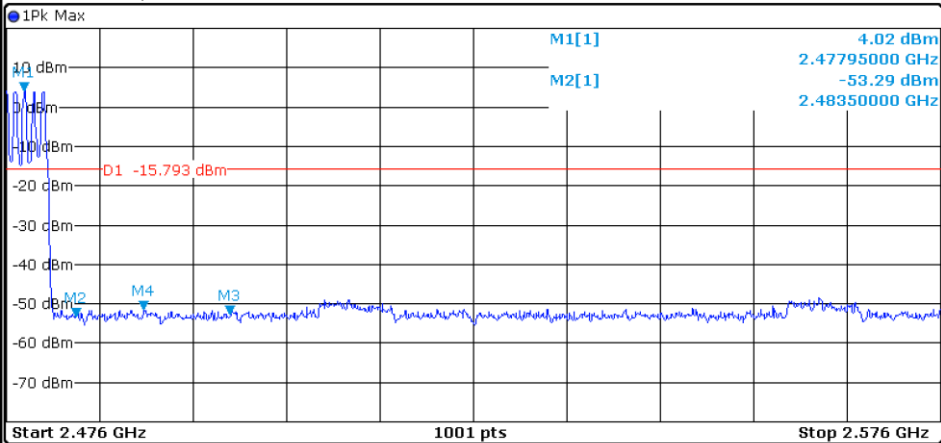
Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000



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 1200/1200



Marker

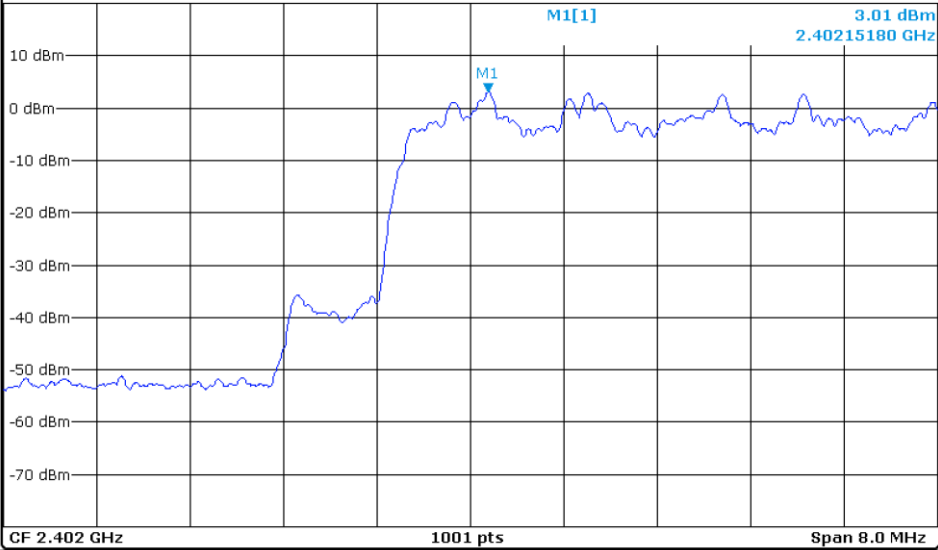
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47795 GHz	4.02 dBm		
M2		1	2.4835 GHz	-53.29 dBm		
M3		1	2.5 GHz	-52.79 dBm		
M4		1	2.4907 GHz	-51.38 dBm		

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 10000/10000

1Pk Max

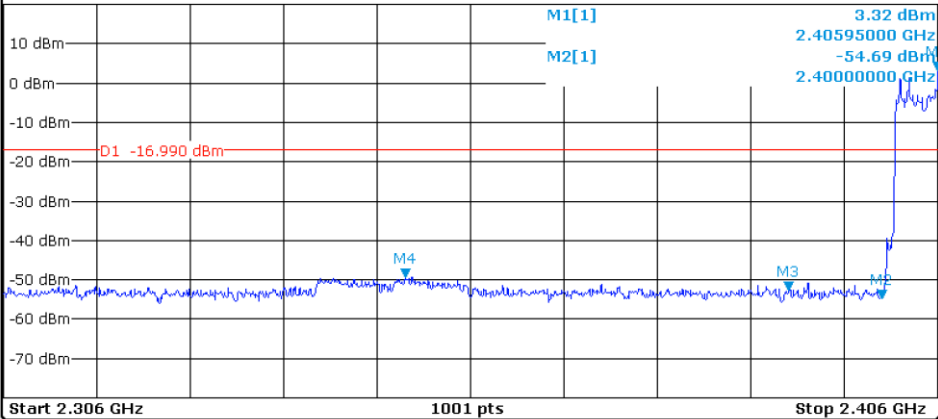


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

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 1200/1200

1Pk Max



Marker

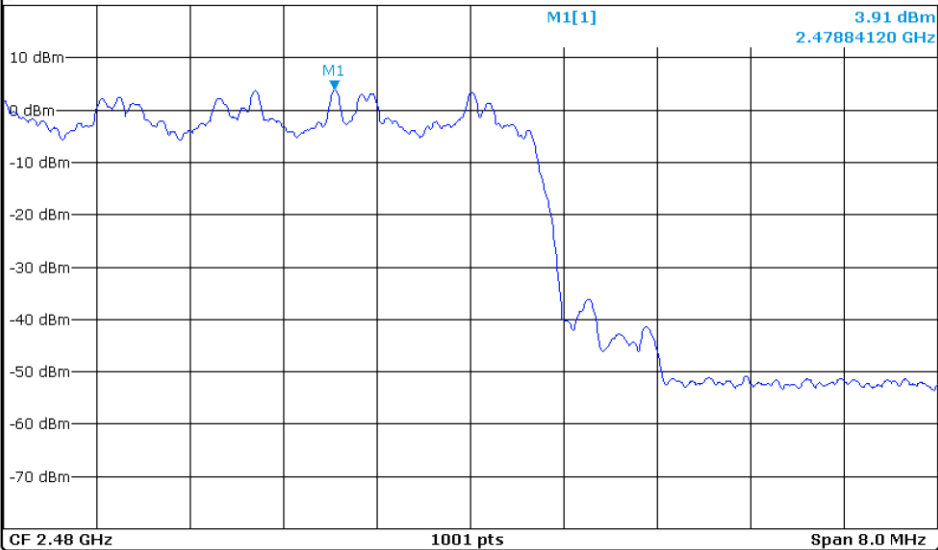
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40595 GHz	3.32 dBm		
M2		1	2.4 GHz	-54.69 dBm		
M3		1	2.39 GHz	-52.66 dBm		
M4		1	2.3491 GHz	-49.25 dBm		

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 10000/10000

1Pk Max

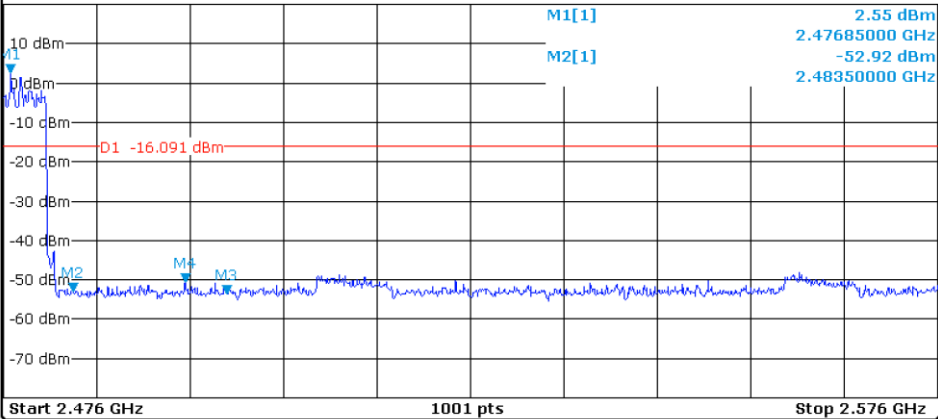


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

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 1200/1200

1Pk Max



Marker

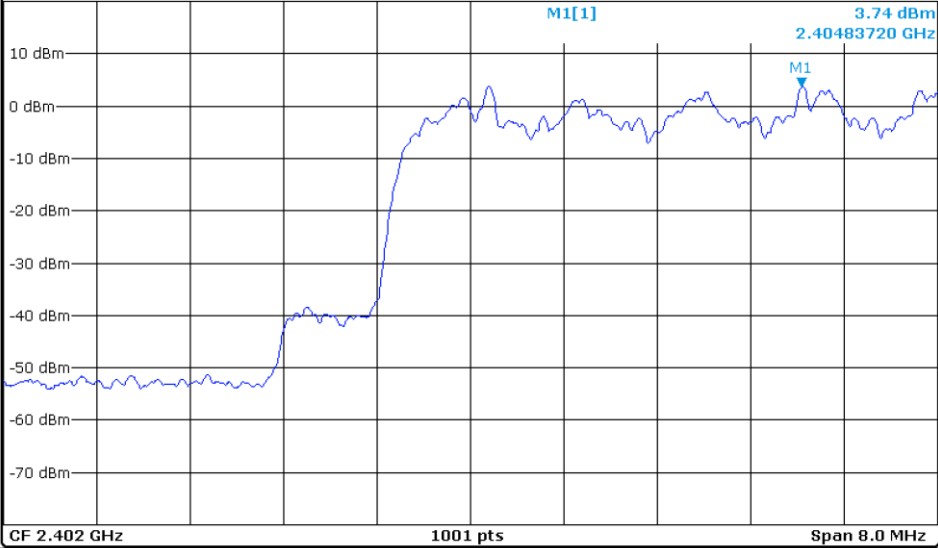
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47685 GHz	2.55 dBm		
M2		1	2.4835 GHz	-52.92 dBm		
M3		1	2.5 GHz	-53.44 dBm		
M4		1	2.4955 GHz	-50.57 dBm		

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

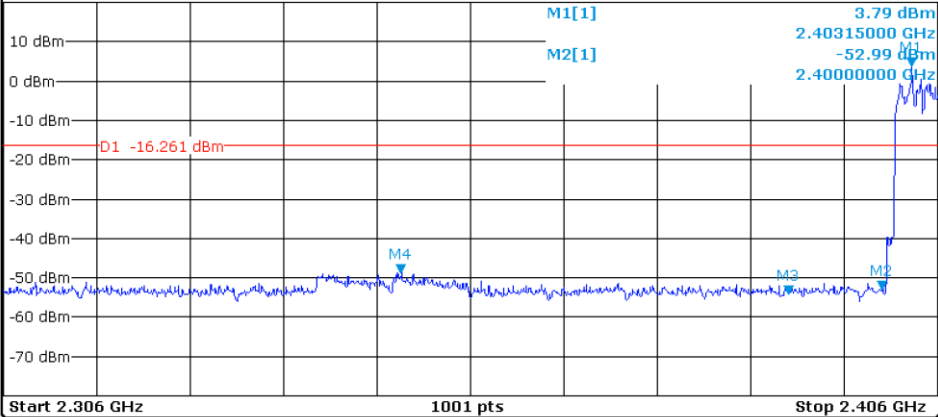


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

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 1200/1200

1Pk Max



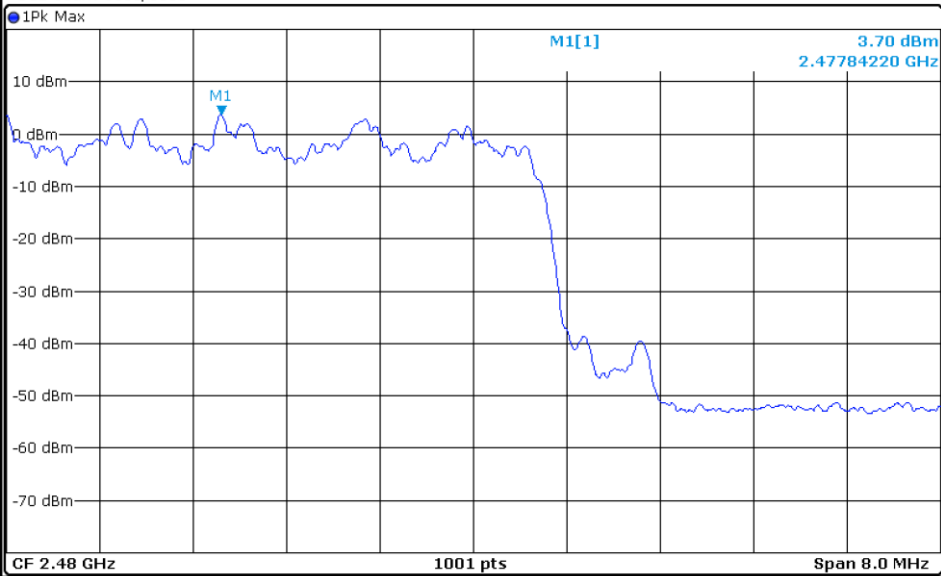
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40315 GHz	3.79 dBm		
M2	1		2.4 GHz	-52.99 dBm		
M3	1		2.39 GHz	-54.06 dBm		
M4	1		2.3486 GHz	-48.75 dBm		

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

Spectrum

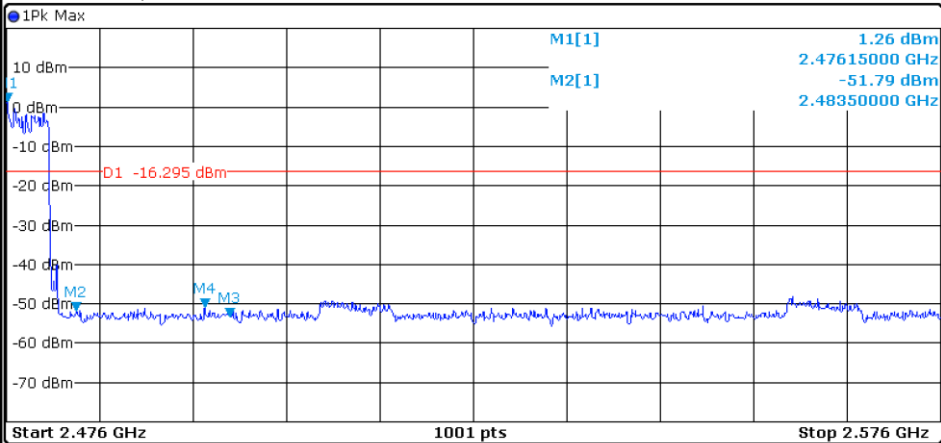
Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000



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 1200/1200



Marker

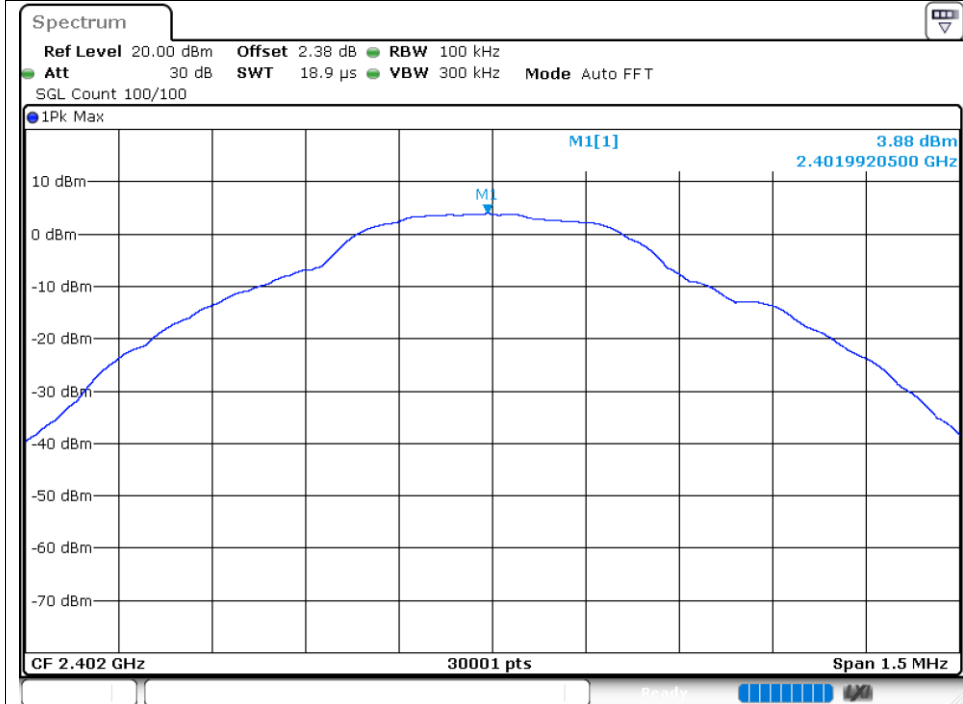
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47615 GHz	1.26 dBm		
M2	1		2.4835 GHz	-51.79 dBm		
M3	1		2.5 GHz	-53.18 dBm		
M4	1		2.4973 GHz	-51.01 dBm		

8.9 CONDUCTED RF SPURIOUS EMISSION

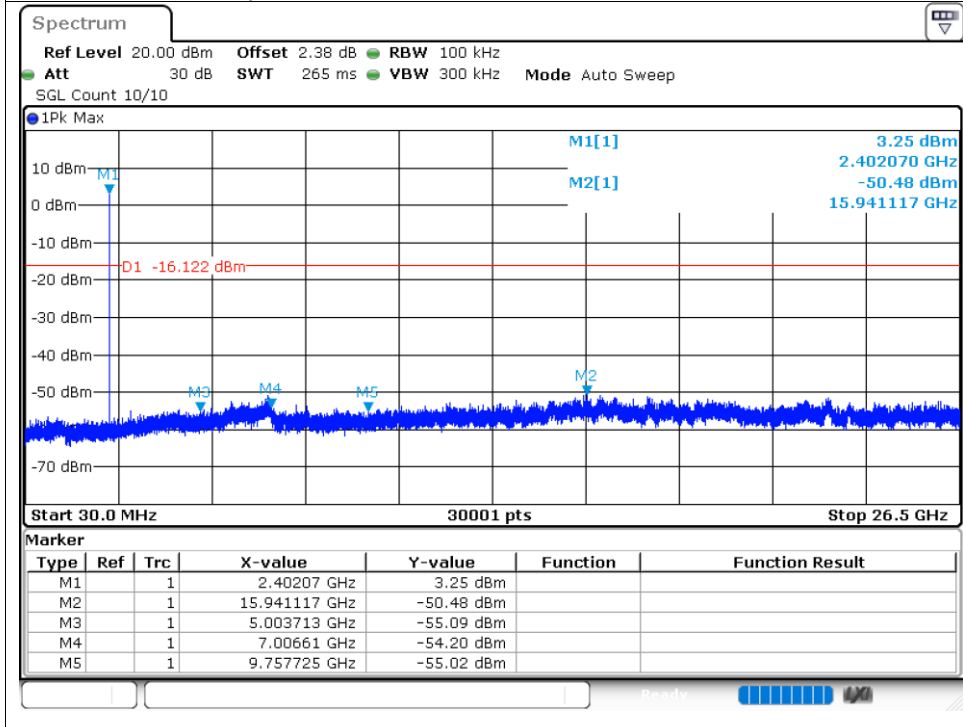
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.36	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.92	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.48	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.21	-20	Pass
NVNT	2-DH5	2441	Ant1	-53.74	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.81	-20	Pass
NVNT	3-DH5	2402	Ant1	-52.91	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.1	-20	Pass
NVNT	3-DH5	2480	Ant1	-53.13	-20	Pass

Test Graphs

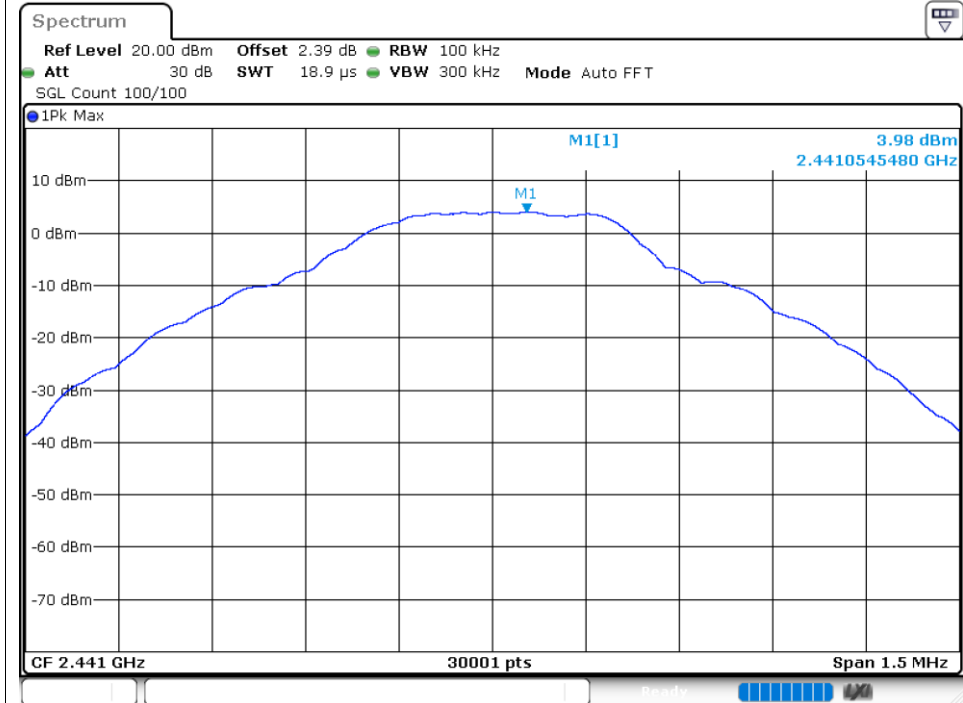
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



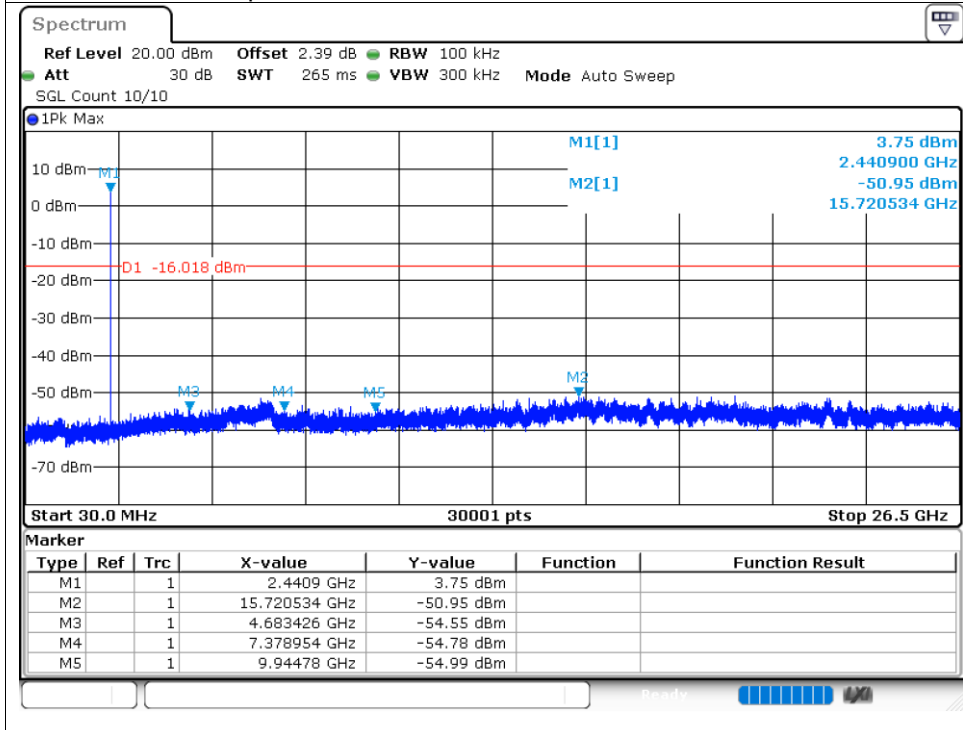
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



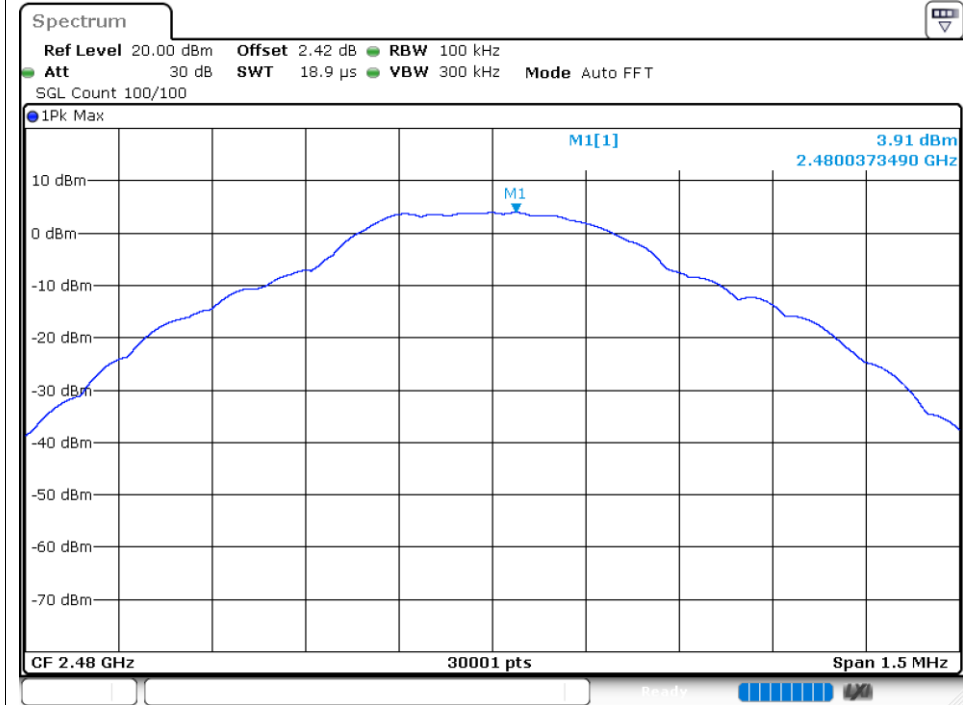
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



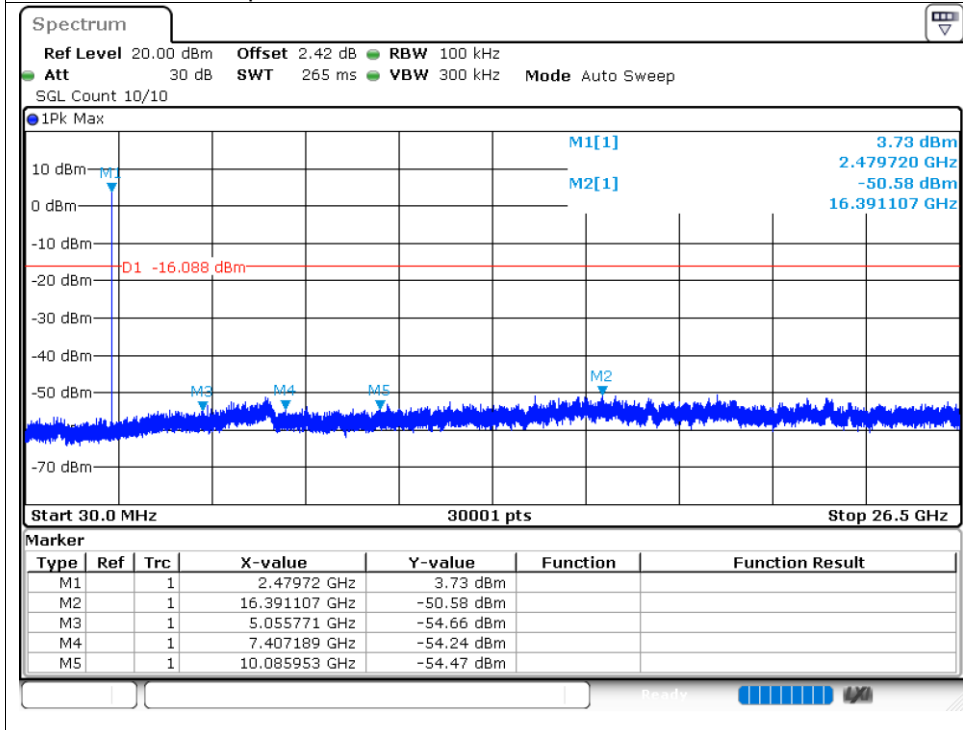
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



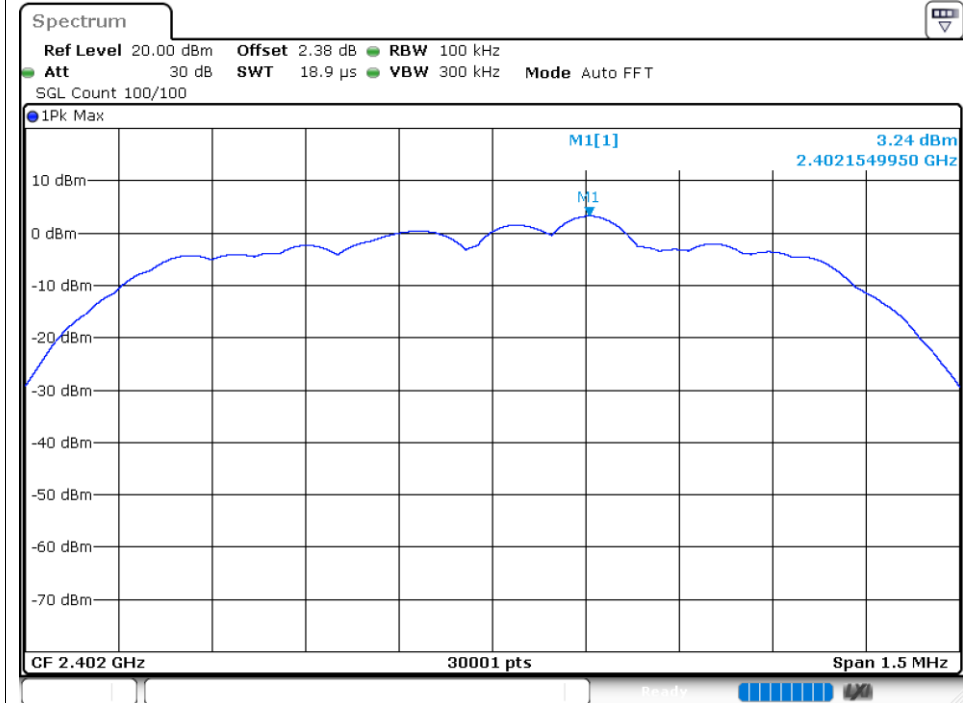
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



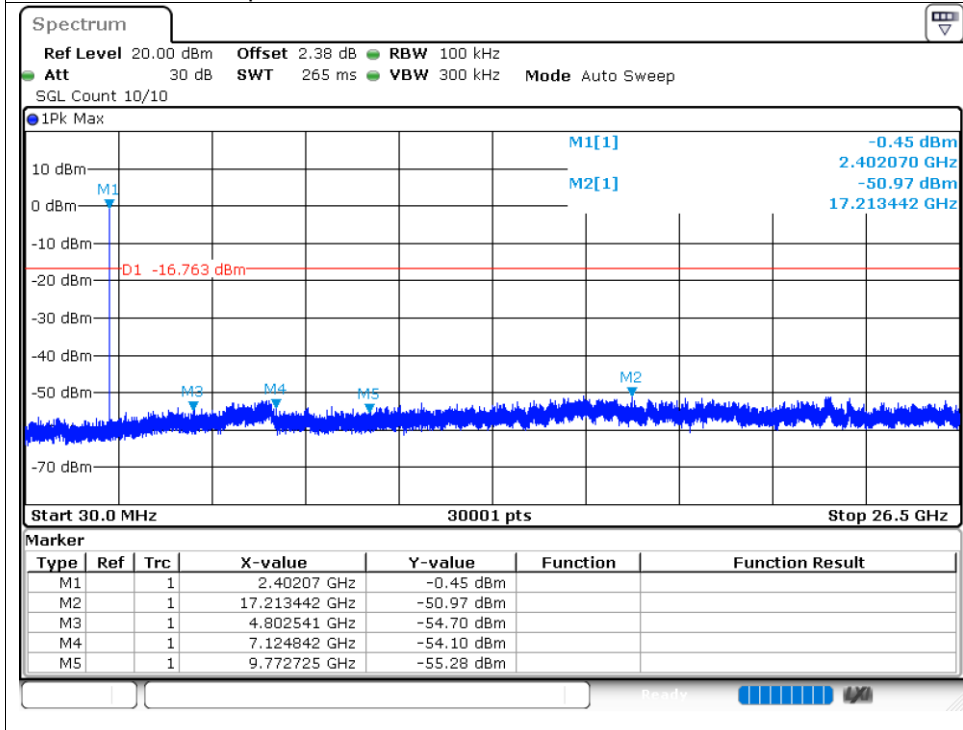
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



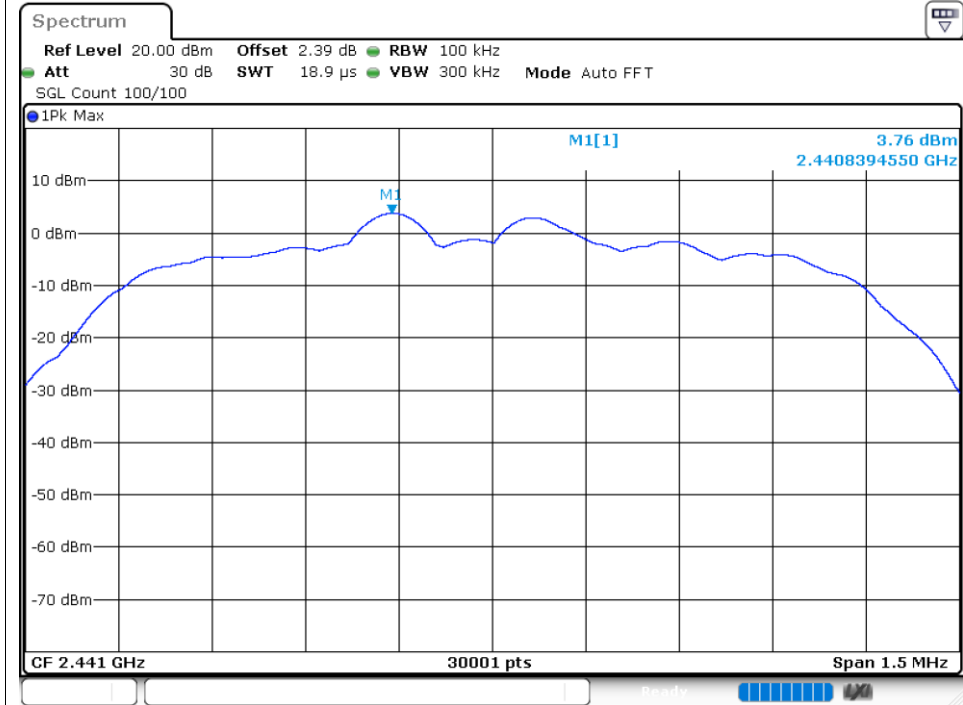
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



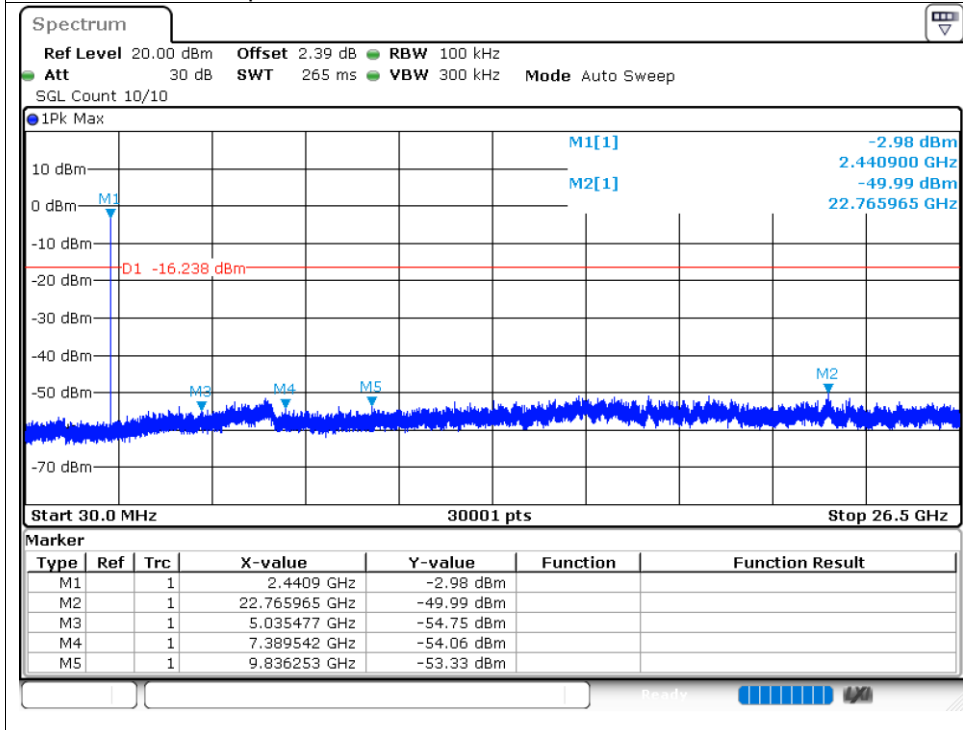
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



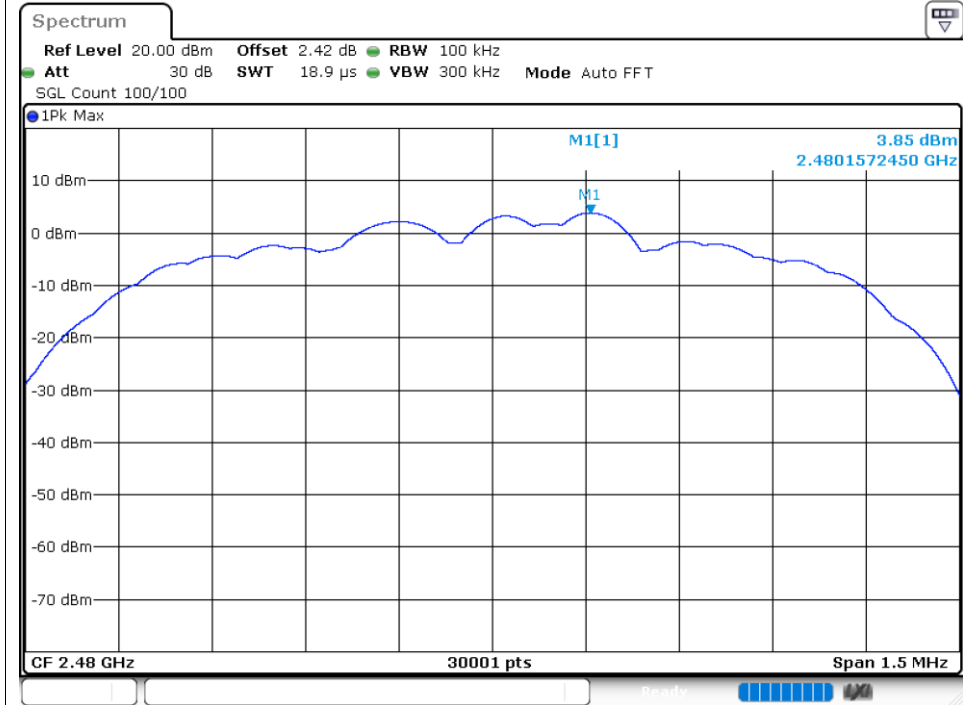
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



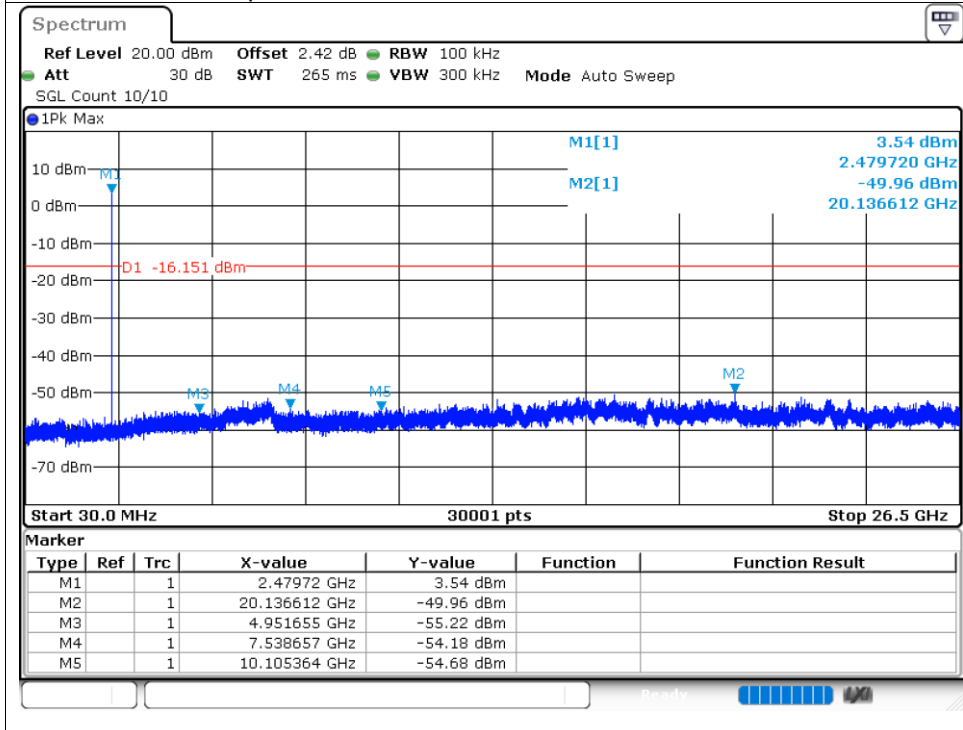
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



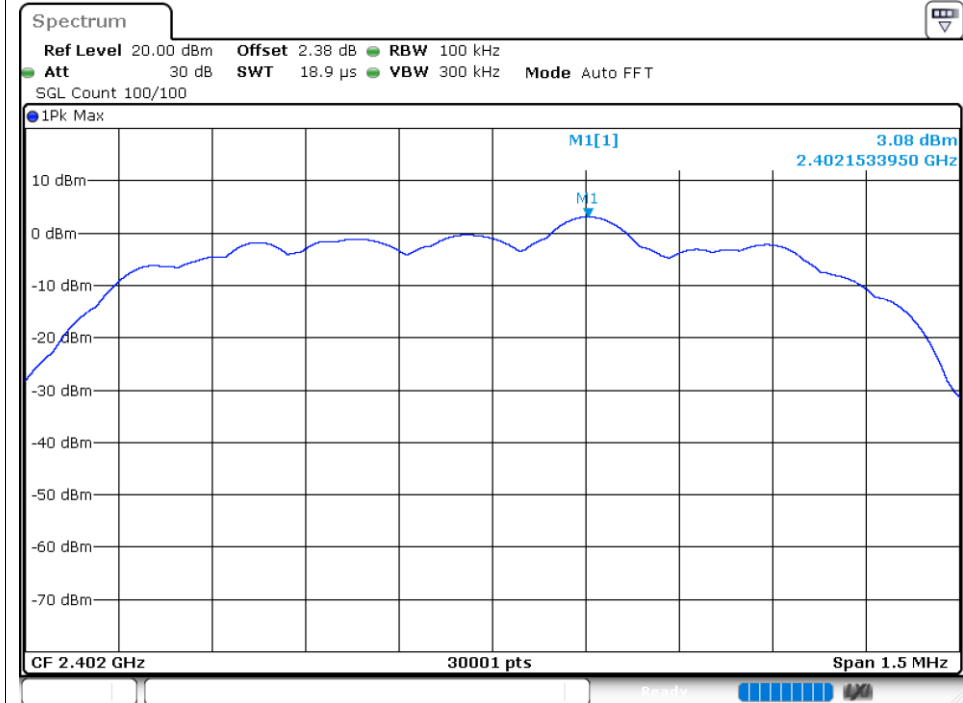
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



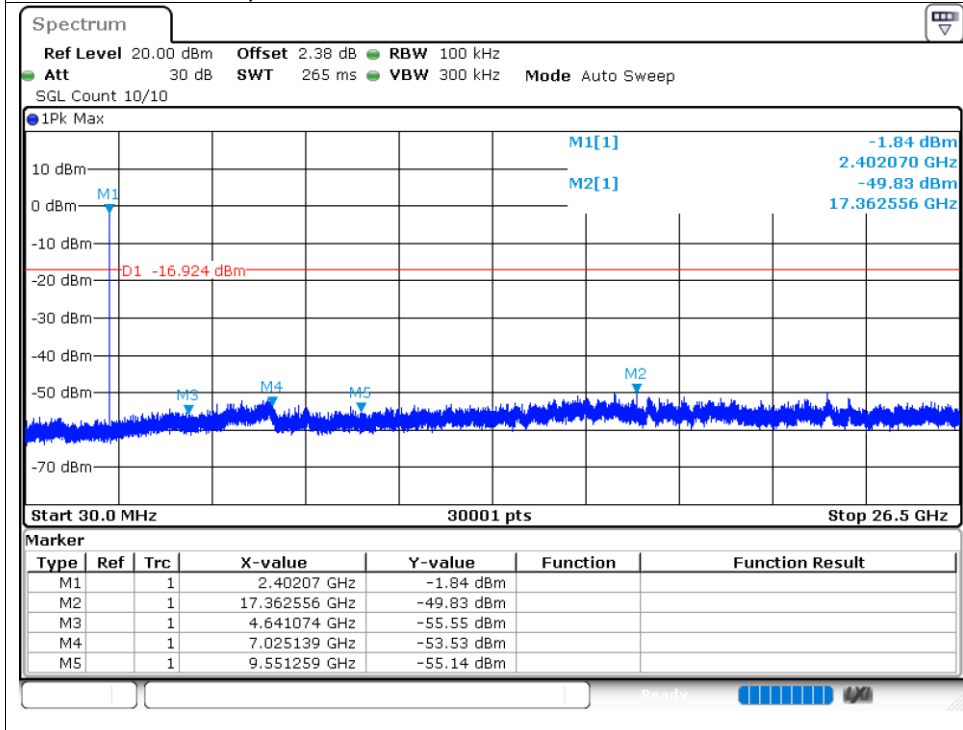
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



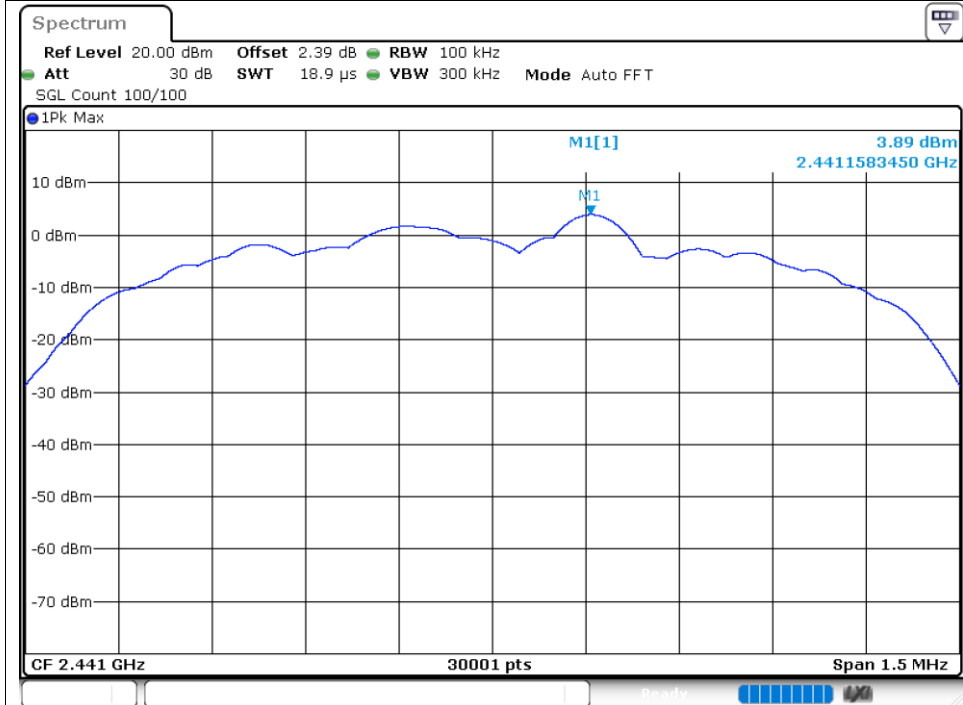
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



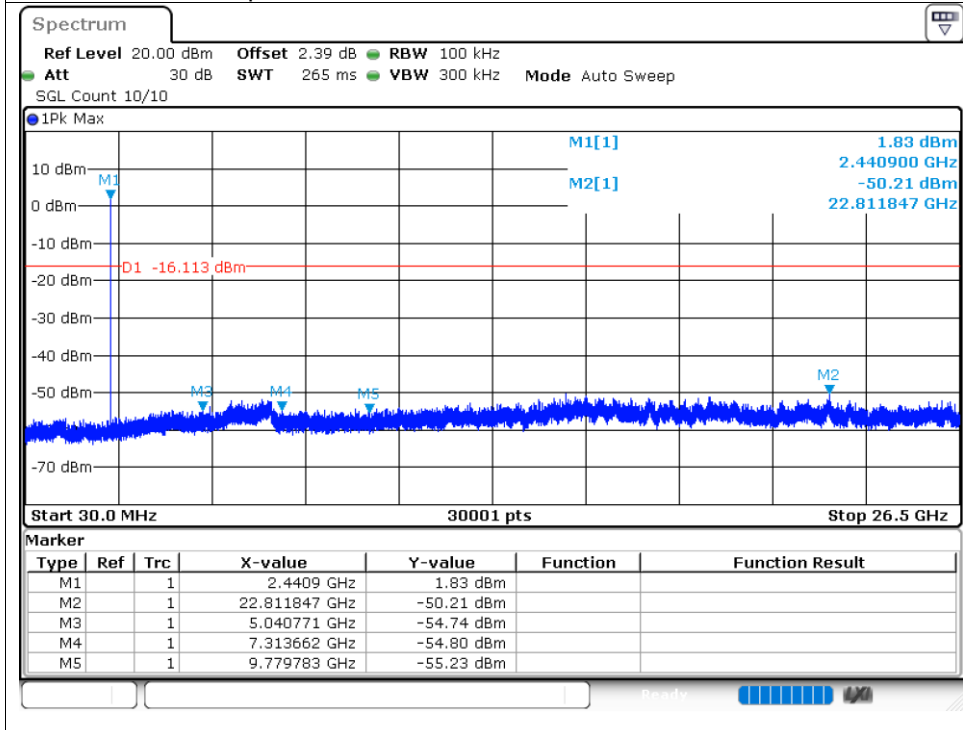
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



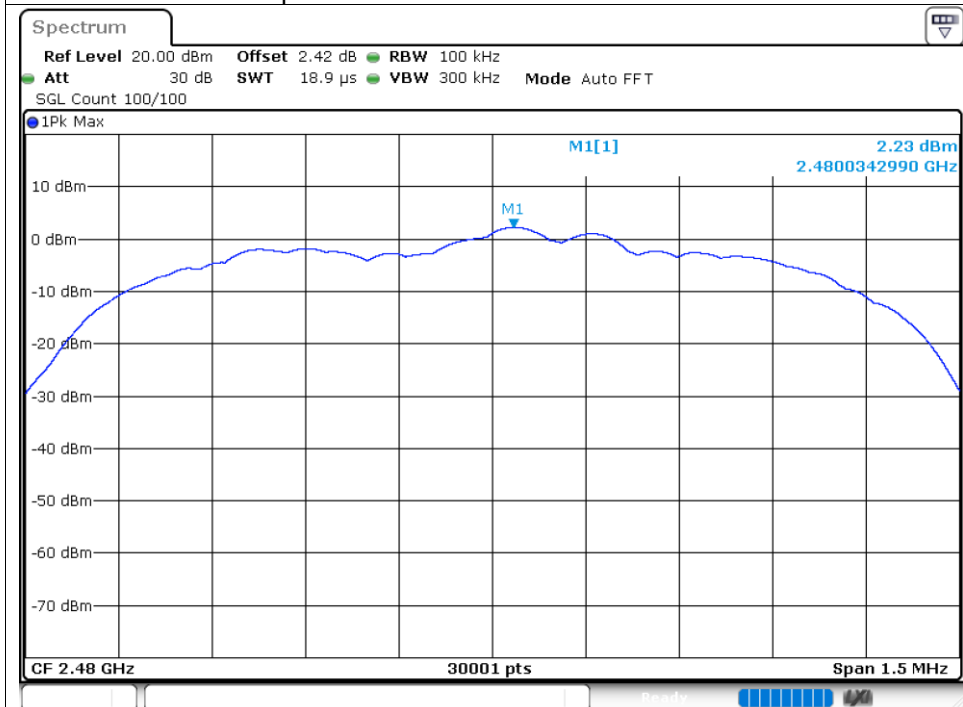
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



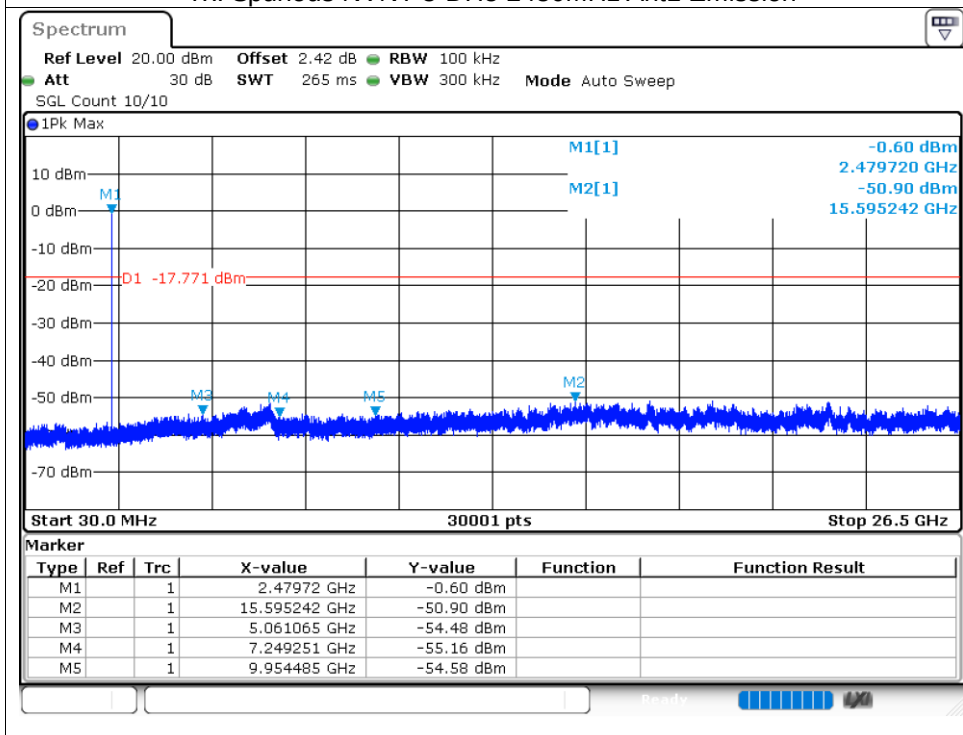
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



END OF REPORT