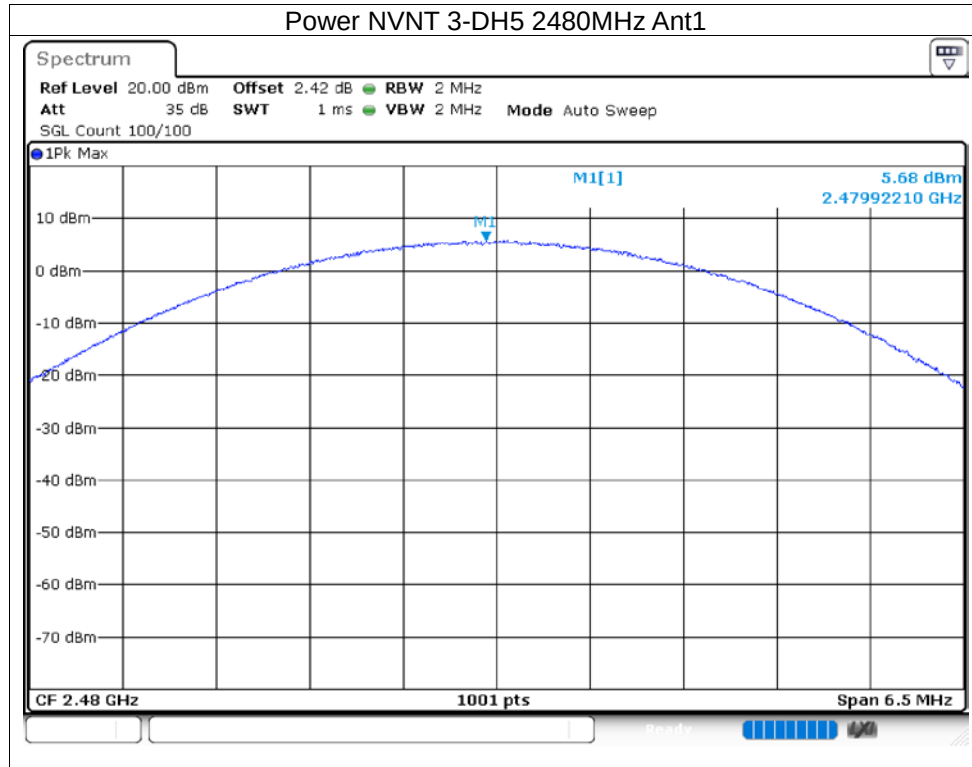


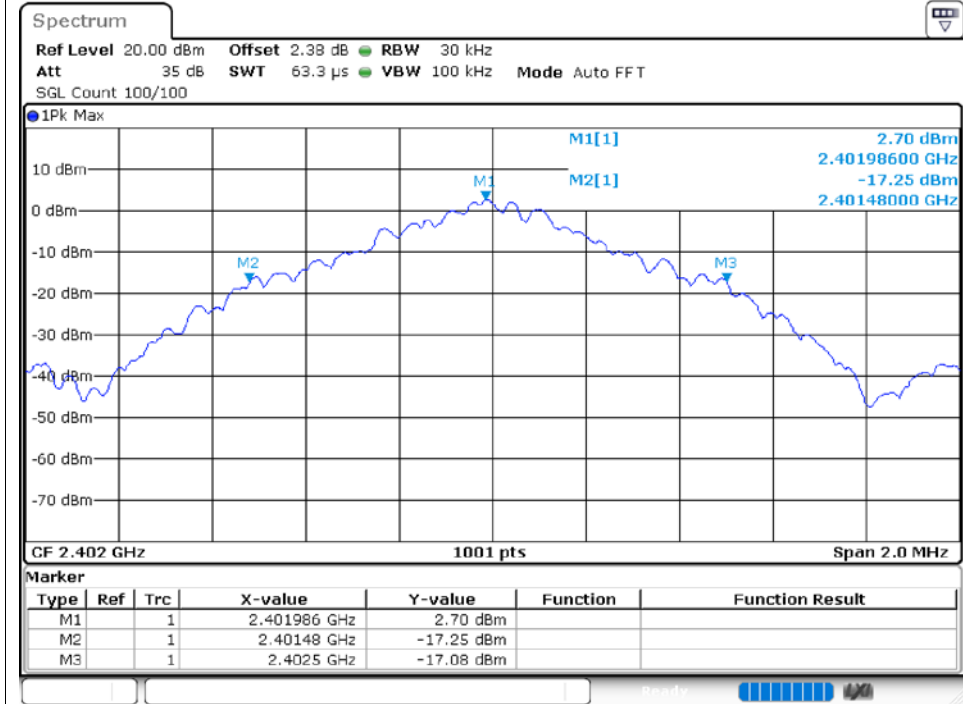


8.3 -20dB BANDWIDTH

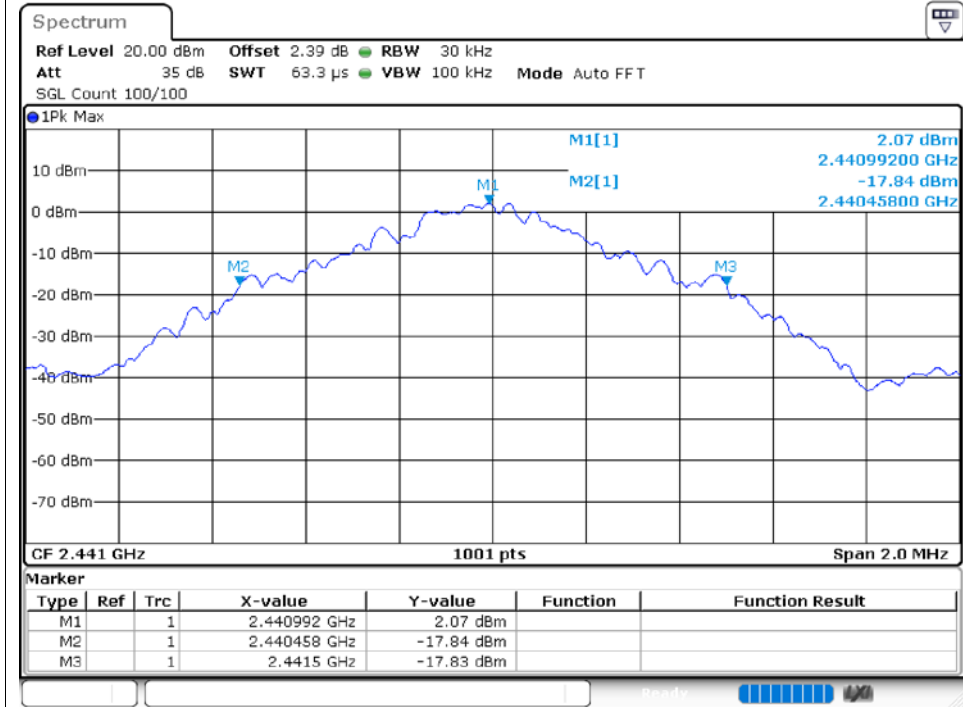
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	1.02	Pass
NVNT	1-DH5	2441	Ant1	1.042	Pass
NVNT	1-DH5	2480	Ant1	0.936	Pass
NVNT	2-DH5	2402	Ant1	1.338	Pass
NVNT	2-DH5	2441	Ant1	1.332	Pass
NVNT	2-DH5	2480	Ant1	1.368	Pass
NVNT	3-DH5	2402	Ant1	1.298	Pass
NVNT	3-DH5	2441	Ant1	1.294	Pass
NVNT	3-DH5	2480	Ant1	1.29	Pass

Test Graphs

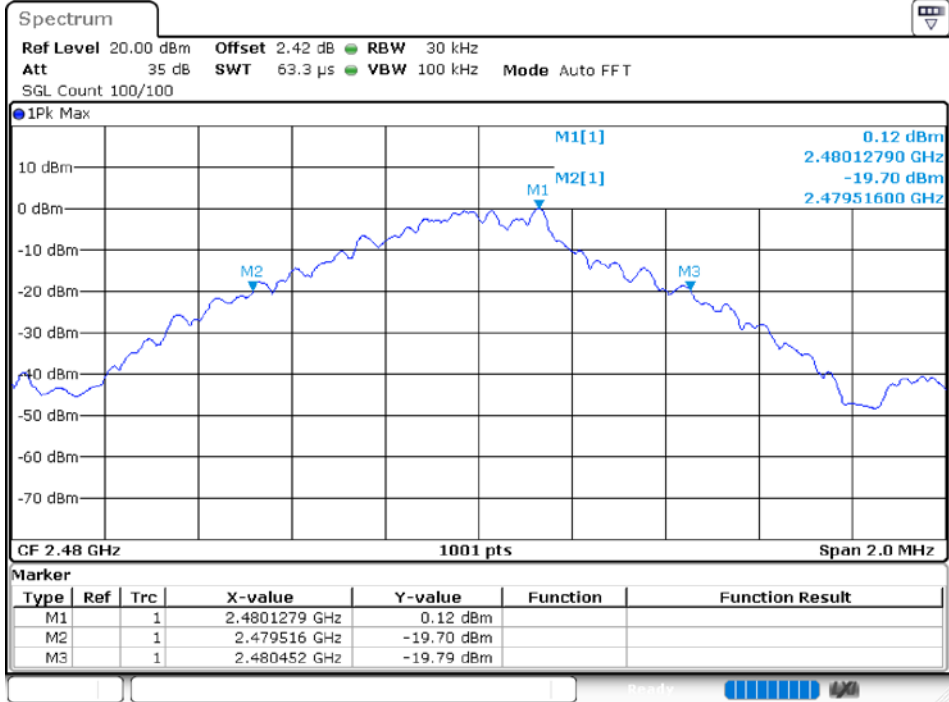
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



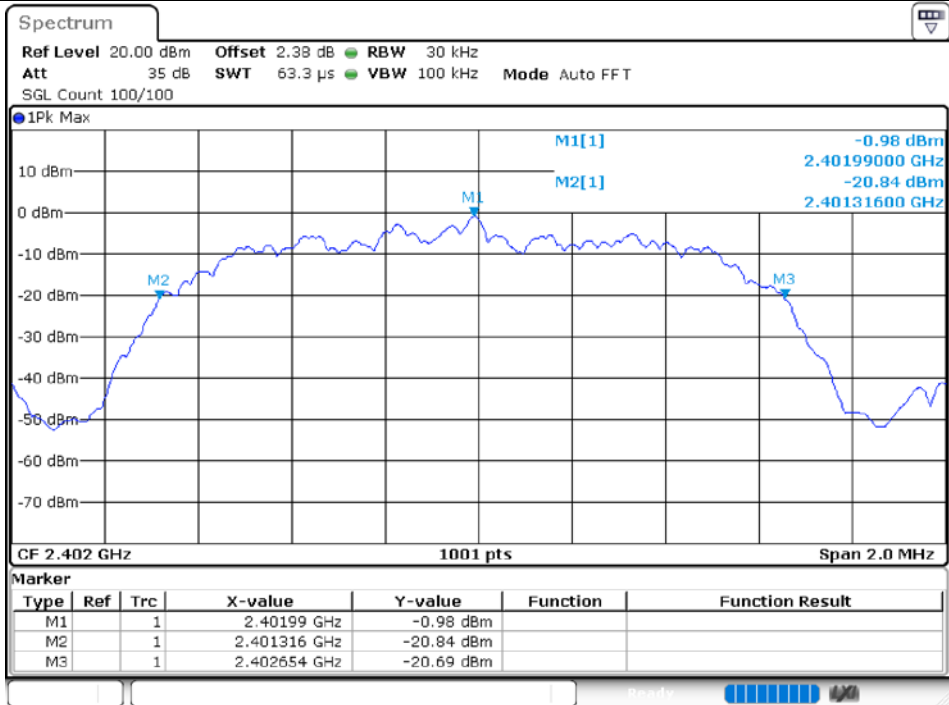
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



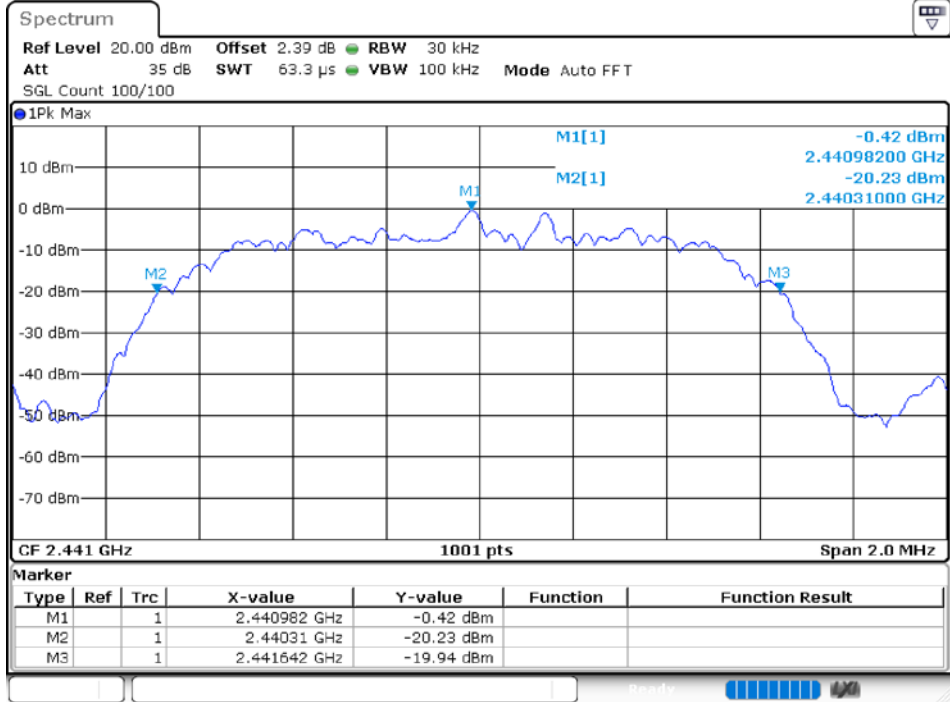
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



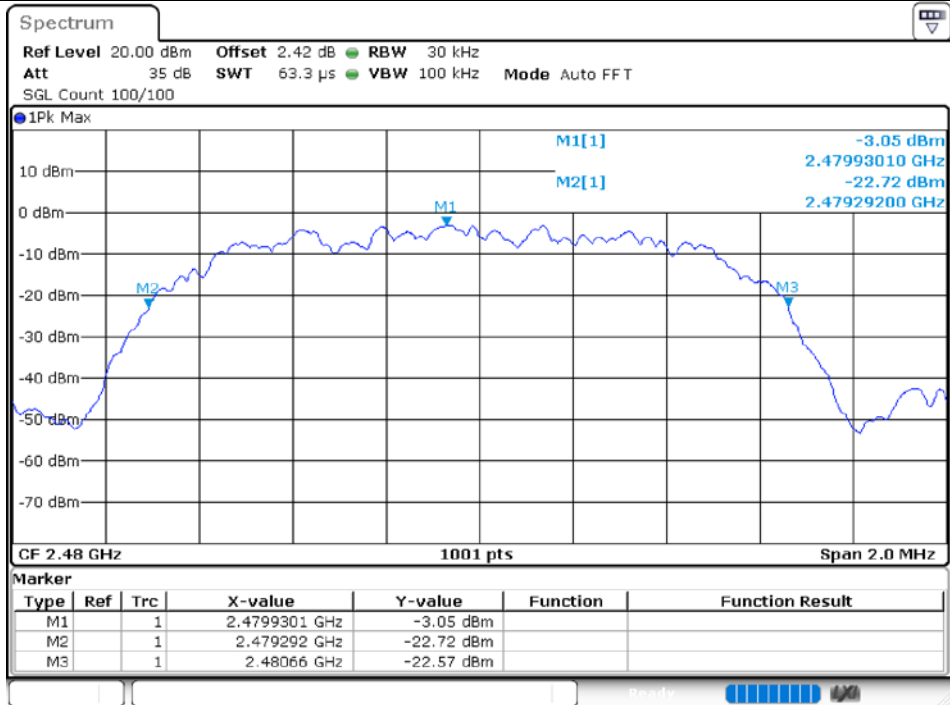
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



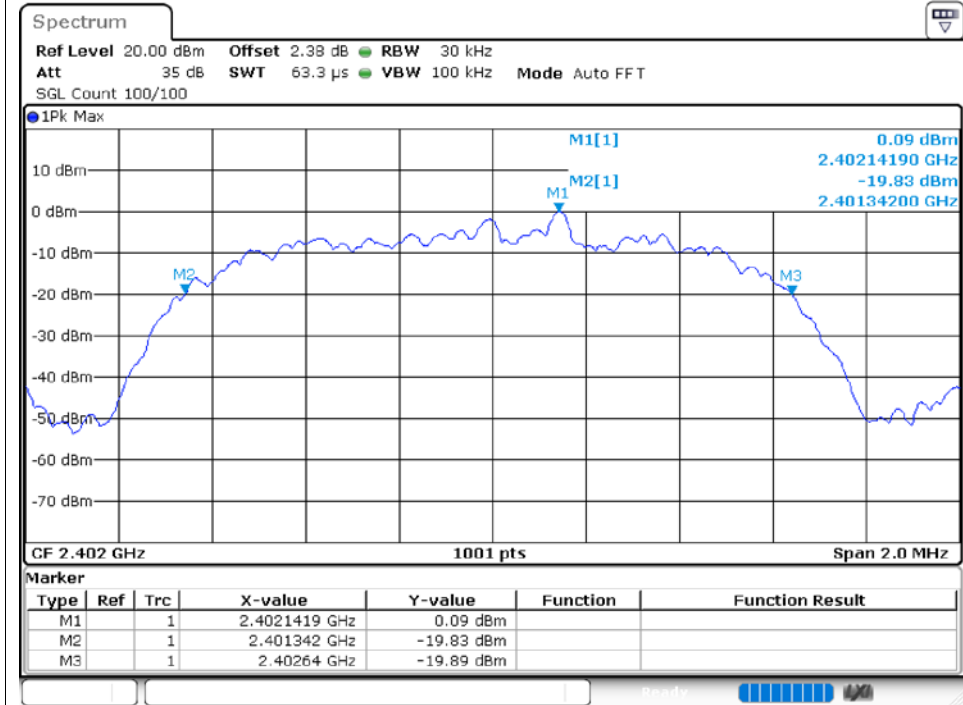
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



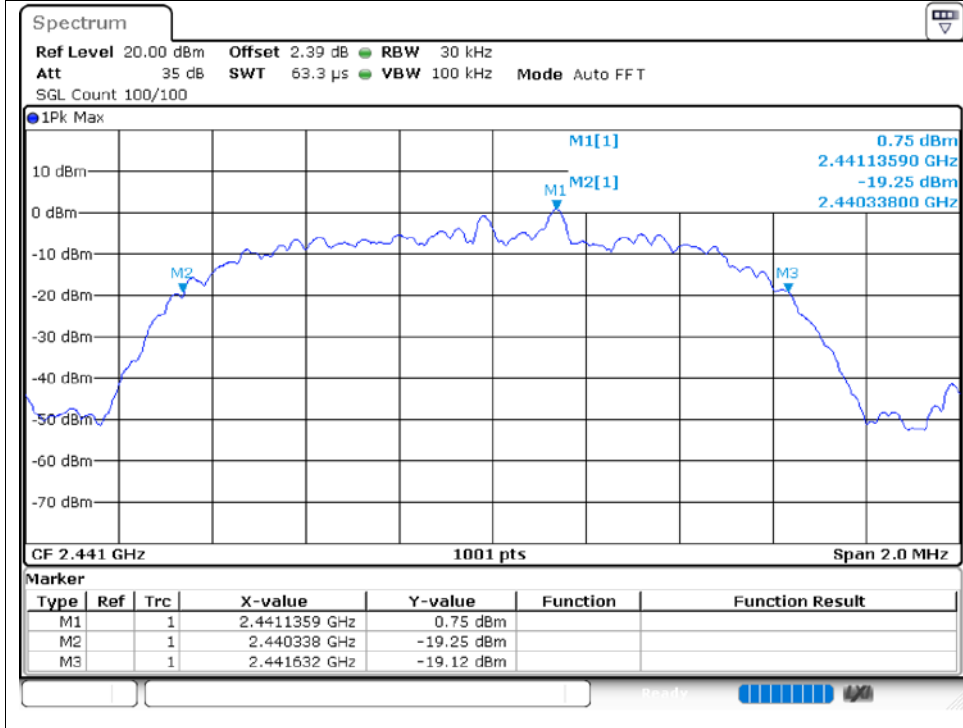
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1

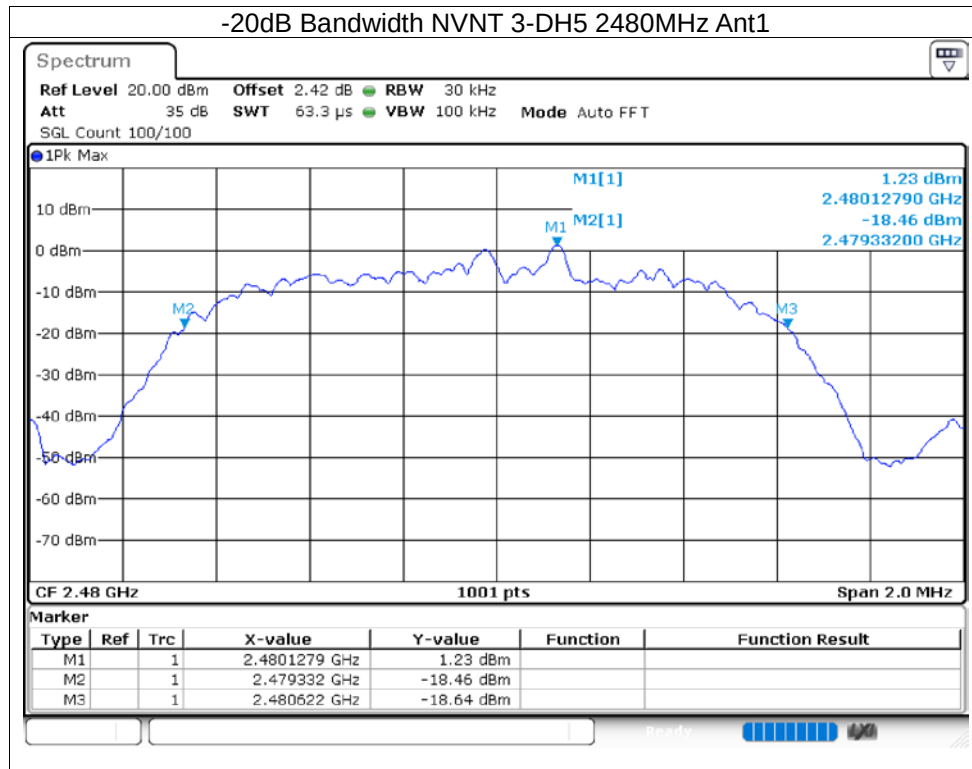


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1

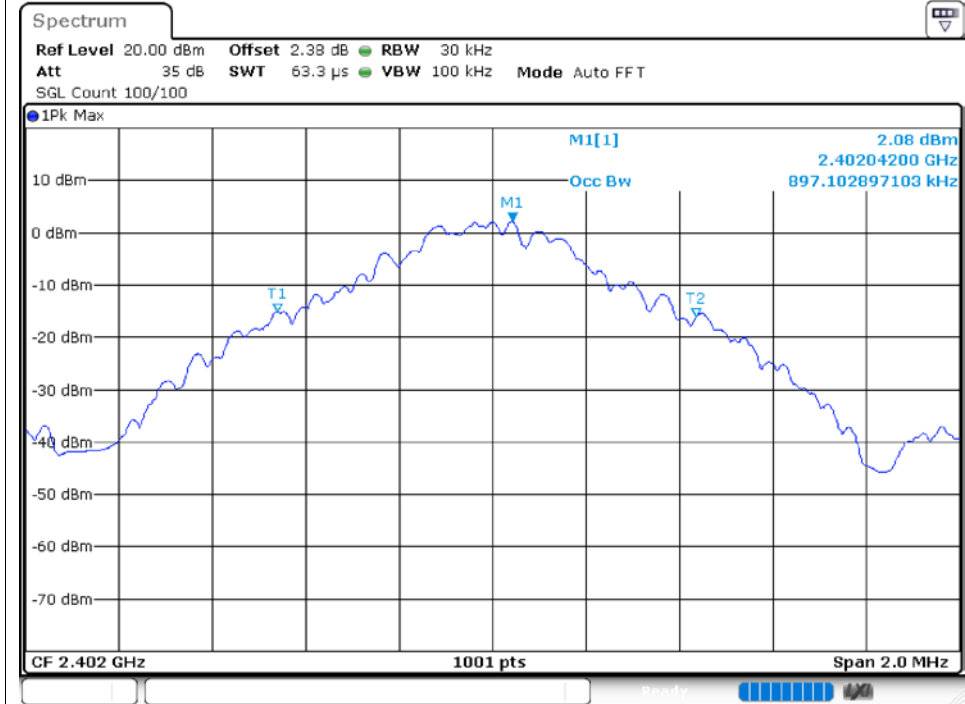




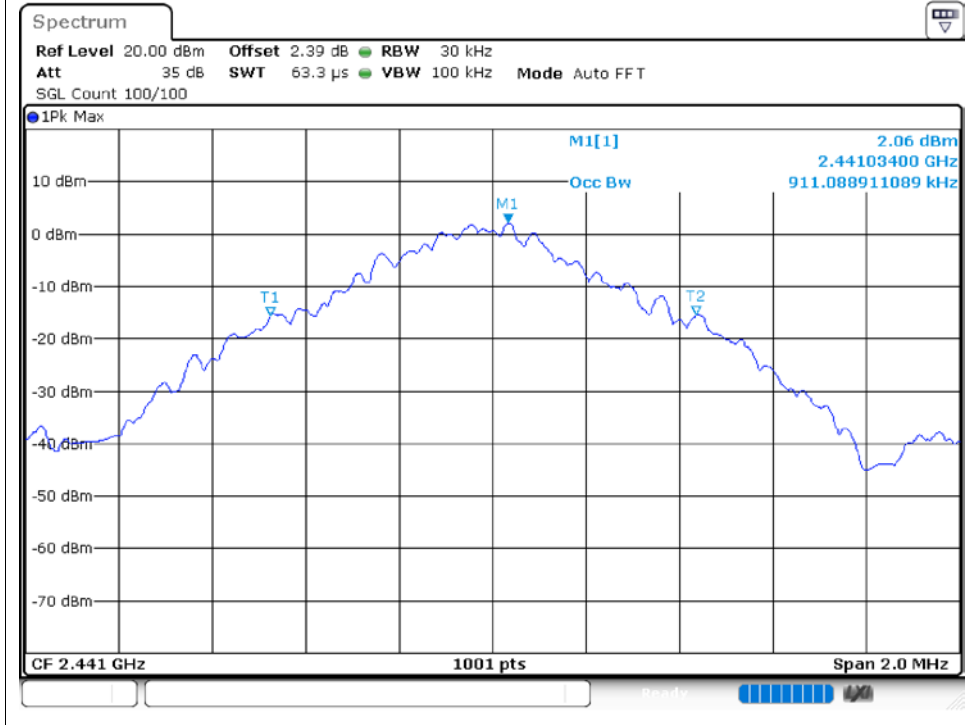
8.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.897
NVNT	1-DH5	2441	Ant1	0.911
NVNT	1-DH5	2480	Ant1	0.905
NVNT	2-DH5	2402	Ant1	1.199
NVNT	2-DH5	2441	Ant1	1.211
NVNT	2-DH5	2480	Ant1	1.203
NVNT	3-DH5	2402	Ant1	1.189
NVNT	3-DH5	2441	Ant1	1.209
NVNT	3-DH5	2480	Ant1	1.221

Test Graphs OBW NVNT 1-DH5 2402MHz Ant1



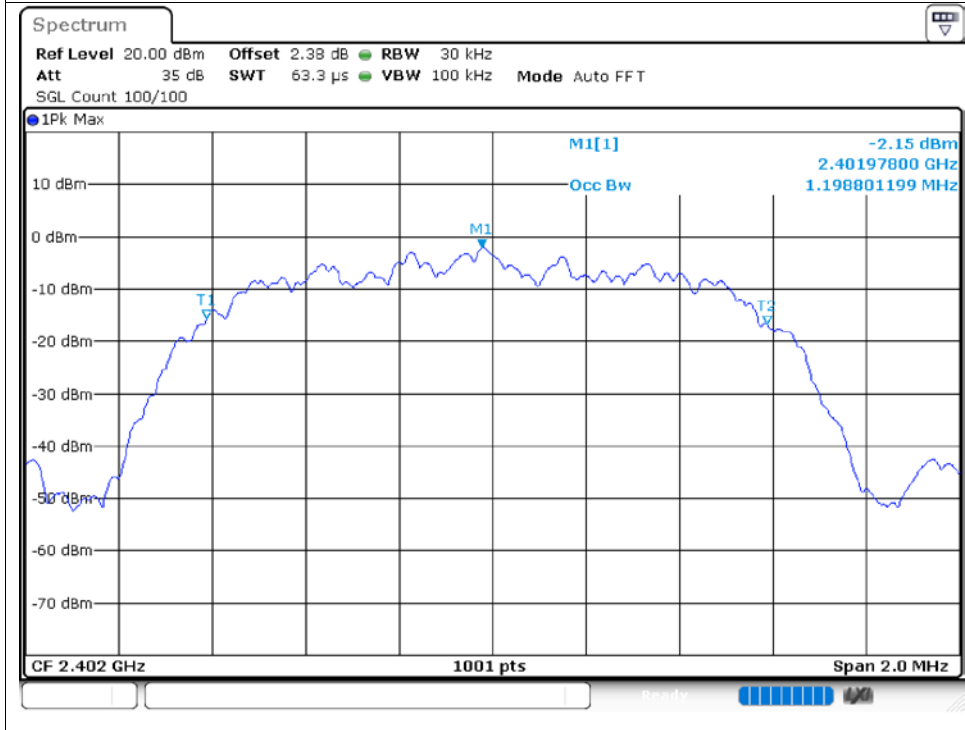
OBW NVNT 1-DH5 2441MHz Ant1



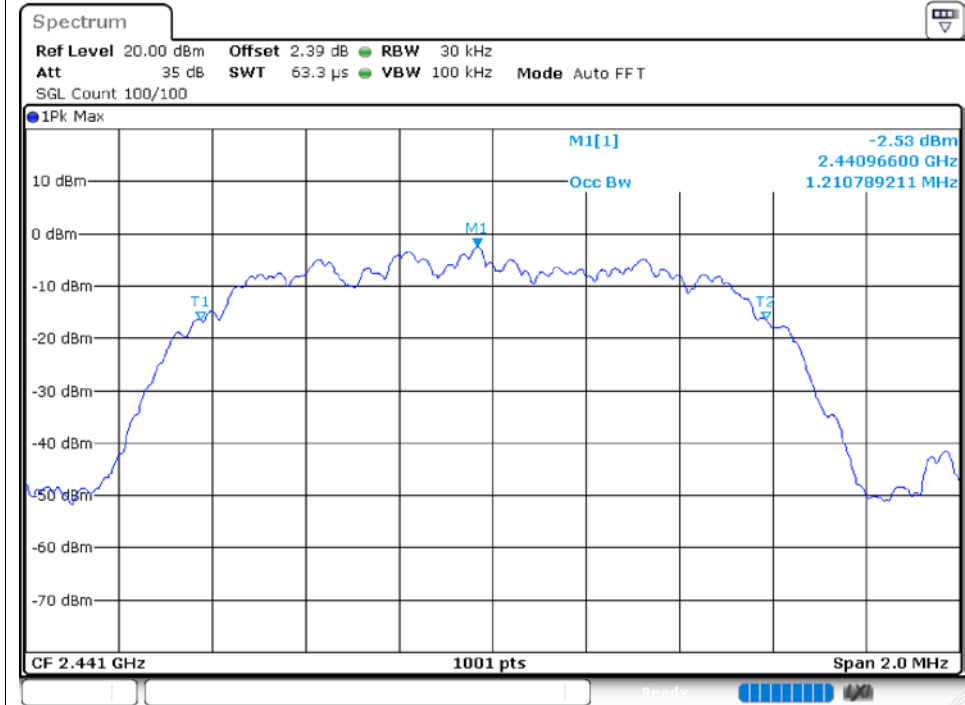
OBW NVNT 1-DH5 2480MHz Ant1



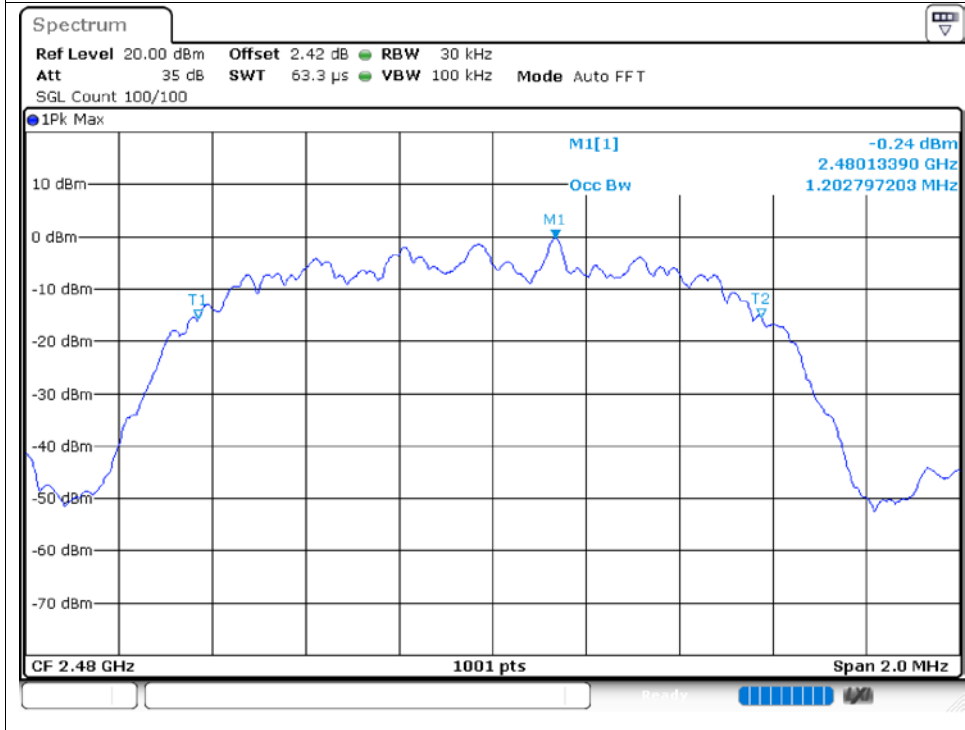
OBW NVNT 2-DH5 2402MHz Ant1



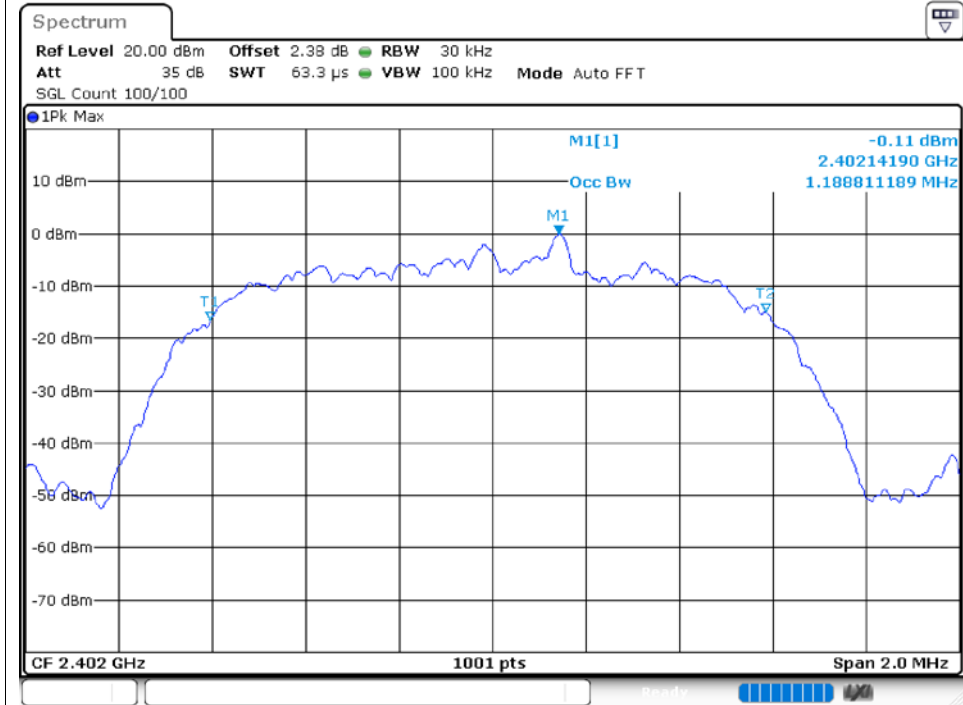
OBW NVNT 2-DH5 2441MHz Ant1



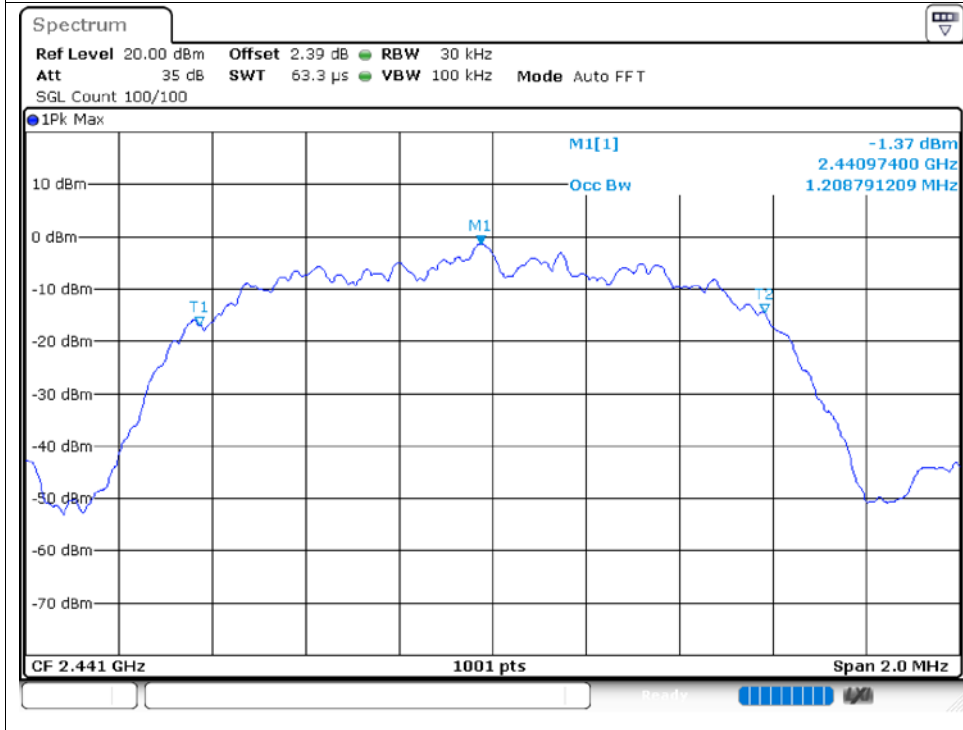
OBW NVNT 2-DH5 2480MHz Ant1

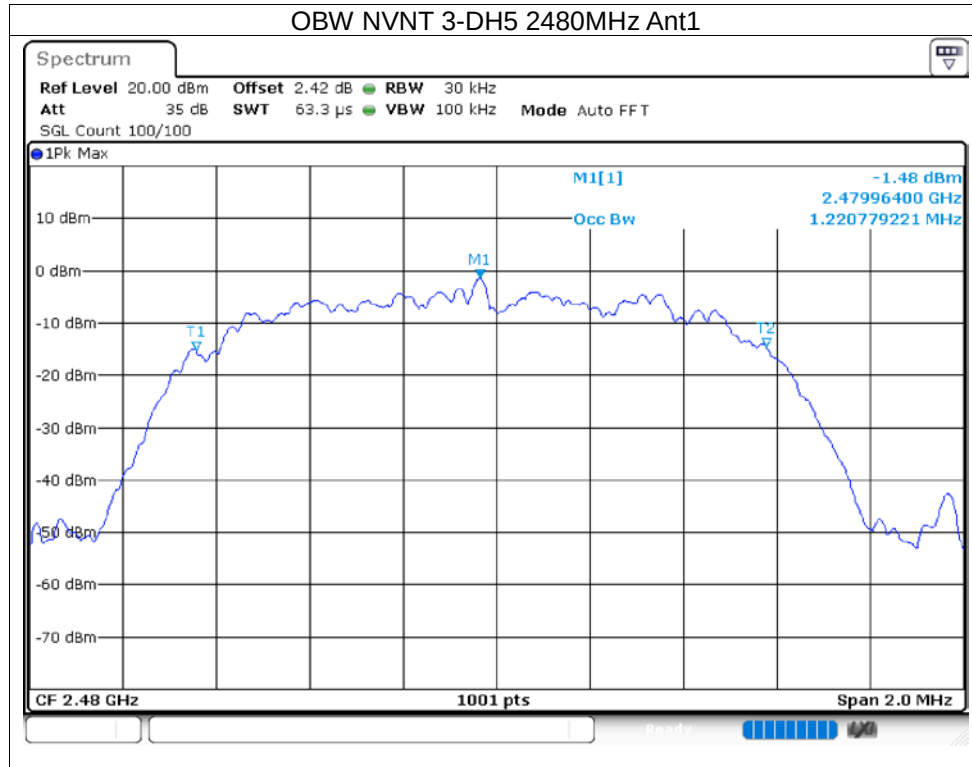


OBW NVNT 3-DH5 2402MHz Ant1



OBW NVNT 3-DH5 2441MHz Ant1



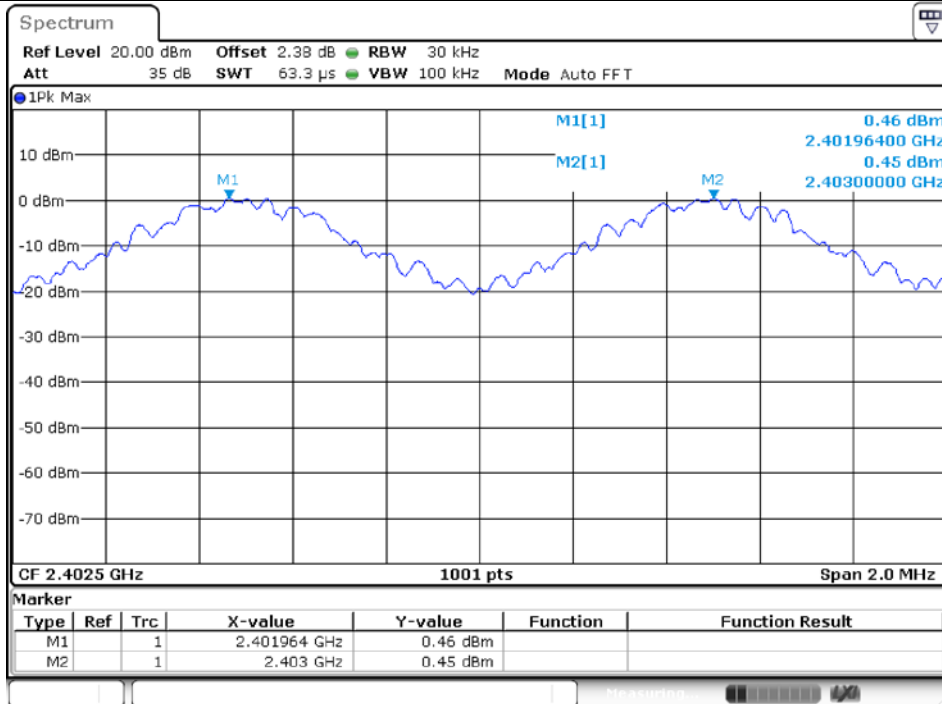


8.5 CARRIER FREQUENCIES SEPARATION

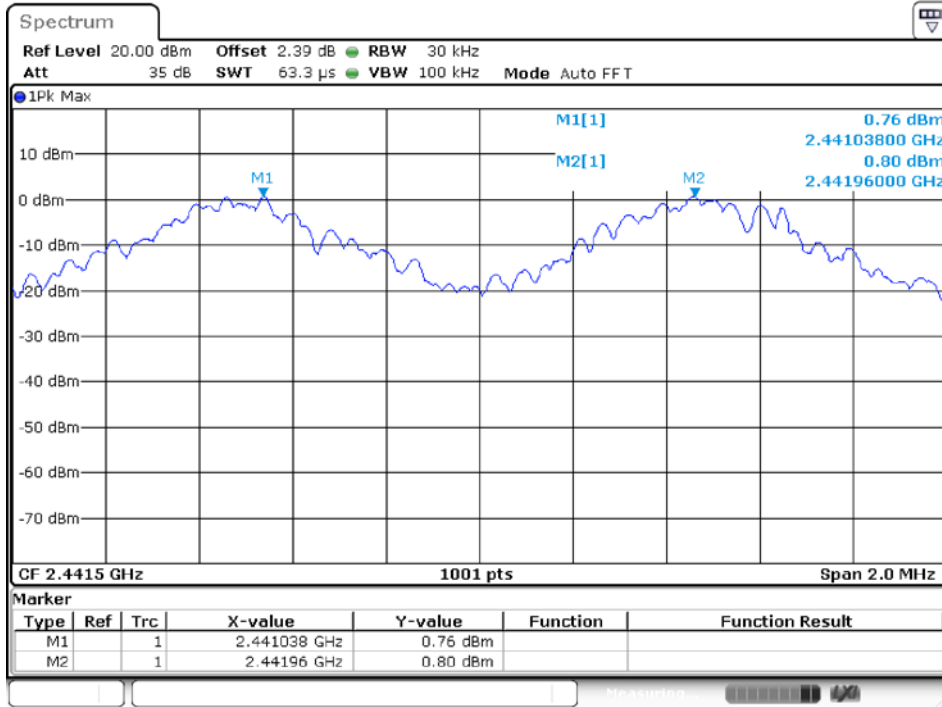
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.964	2403	1.036	0.68	Pass
NVNT	1-DH5	Ant1	2441.038	2441.96	0.922	0.695	Pass
NVNT	1-DH5	Ant1	2478.976	2479.968	0.992	0.624	Pass
NVNT	2-DH5	Ant1	2401.99	2402.984	0.994	0.892	Pass
NVNT	2-DH5	Ant1	2440.984	2441.976	0.992	0.888	Pass
NVNT	2-DH5	Ant1	2478.972	2479.976	1.004	0.912	Pass
NVNT	3-DH5	Ant1	2402.144	2403.144	1	0.865	Pass
NVNT	3-DH5	Ant1	2441.16	2442.108	0.948	0.863	Pass
NVNT	3-DH5	Ant1	2479.14	2480.132	0.992	0.86	Pass

Test Graphs

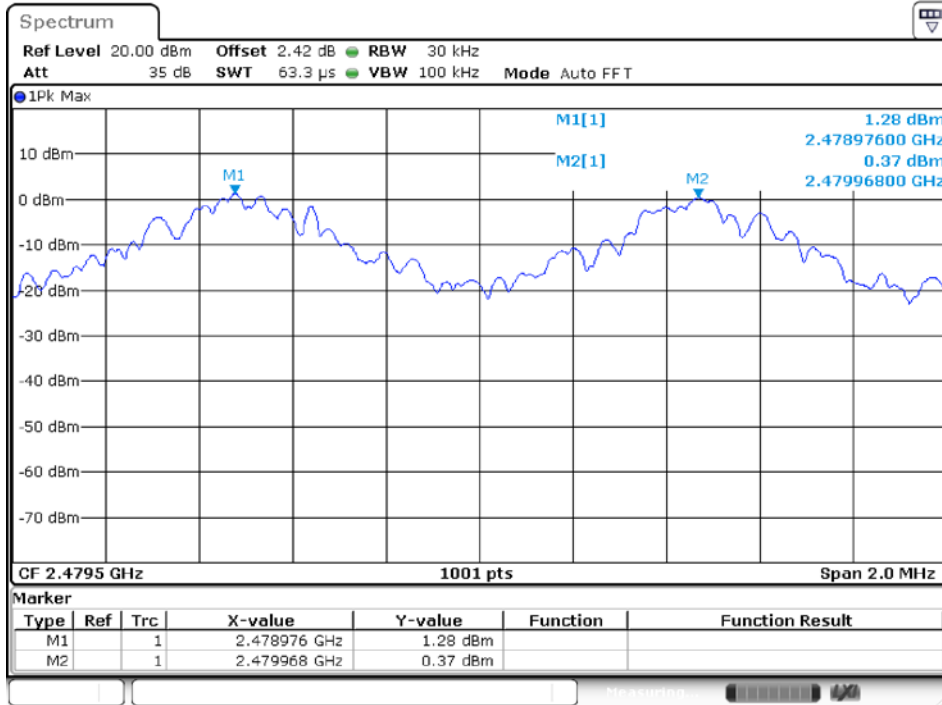
CFS NVNT 1-DH5 2402MHz Ant1



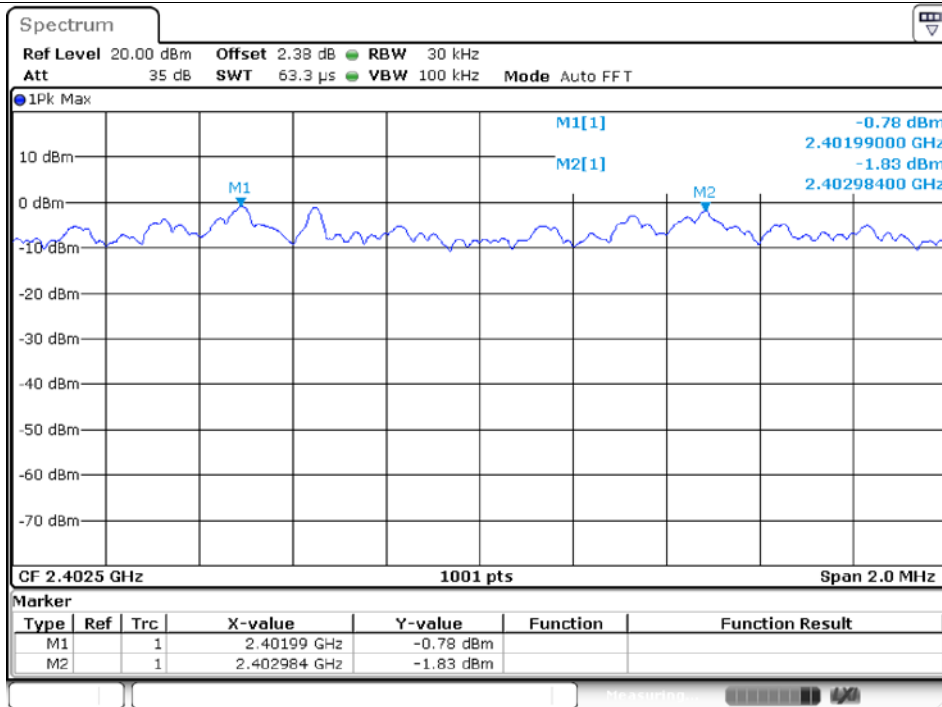
CFS NVNT 1-DH5 2441MHz Ant1



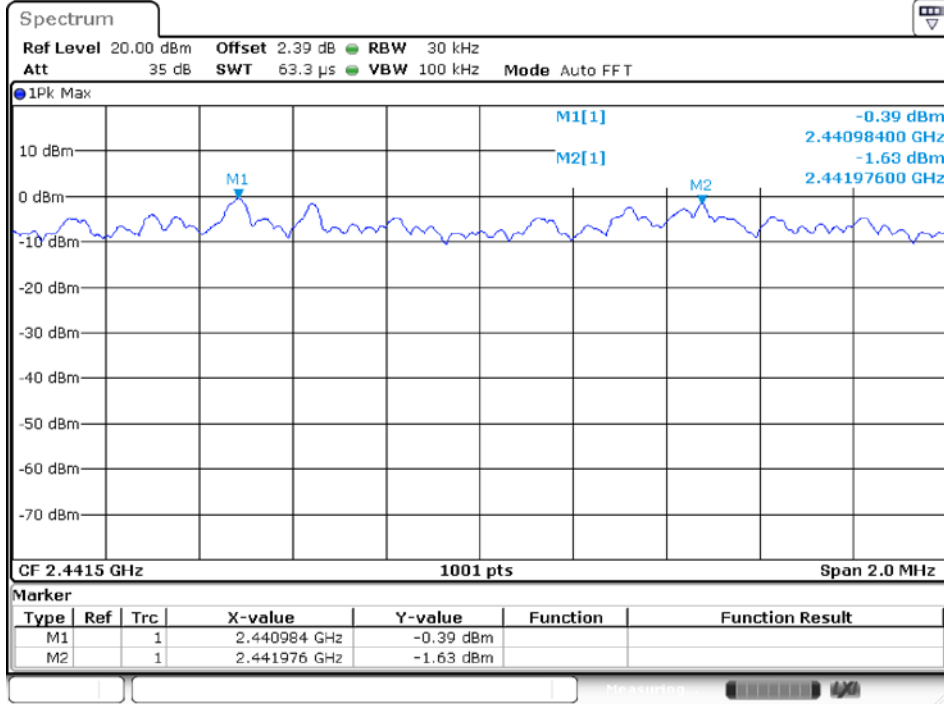
CFS NVNT 1-DH5 2480MHz Ant1



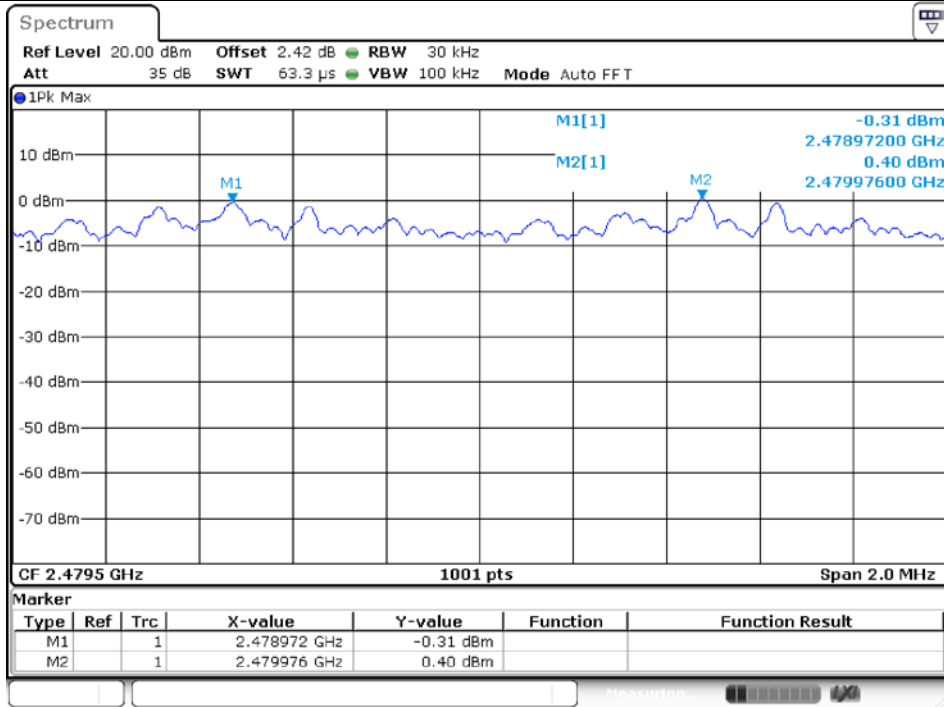
CFS NVNT 2-DH5 2402MHz Ant1



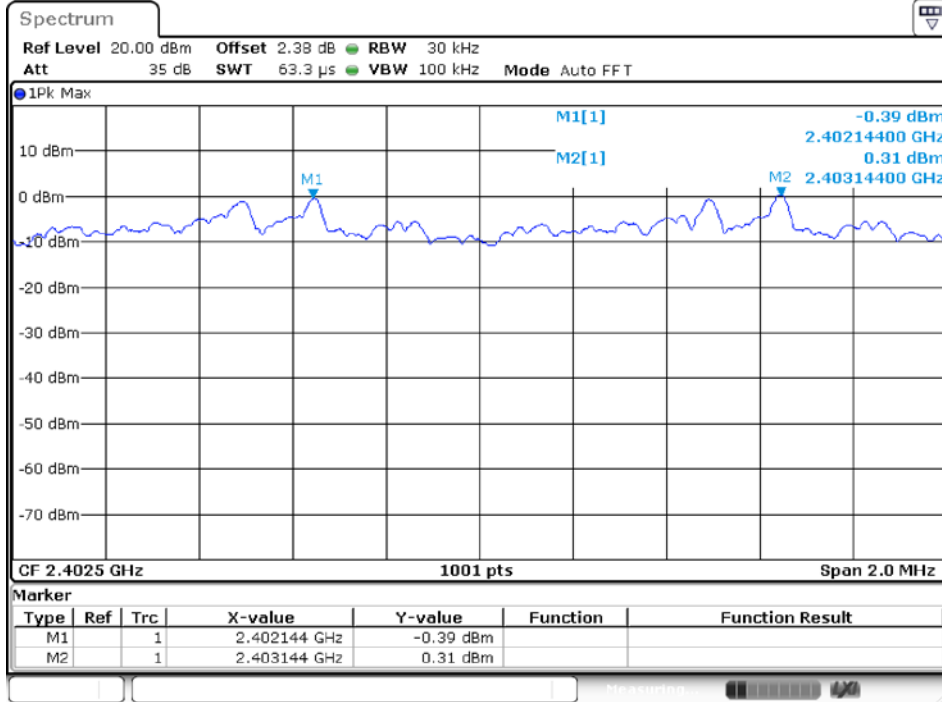
CFS NVNT 2-DH5 2441MHz Ant1



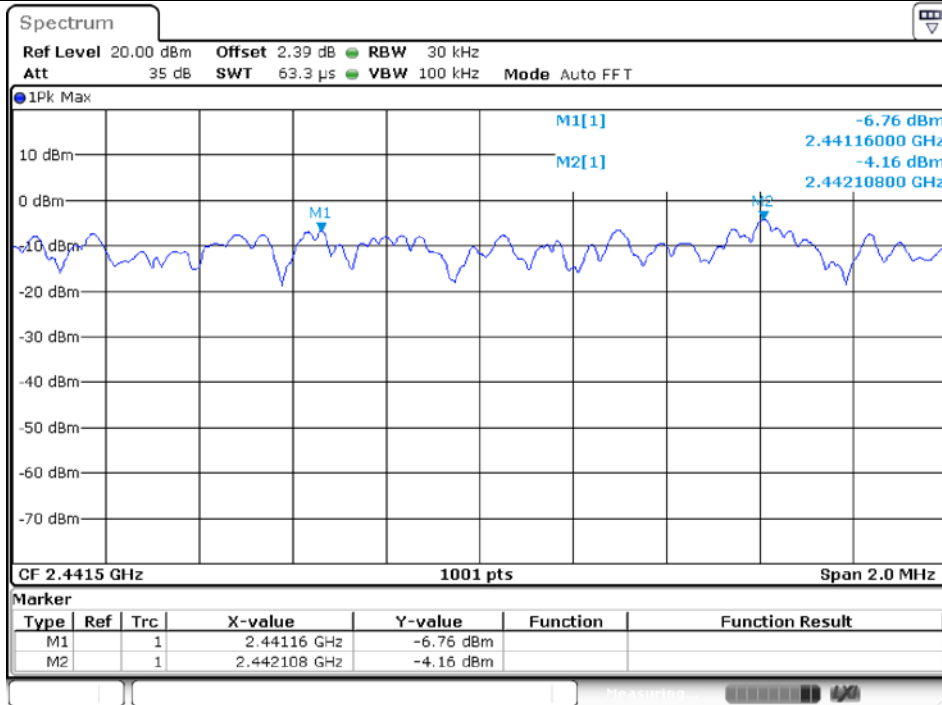
CFS NVNT 2-DH5 2480MHz Ant1

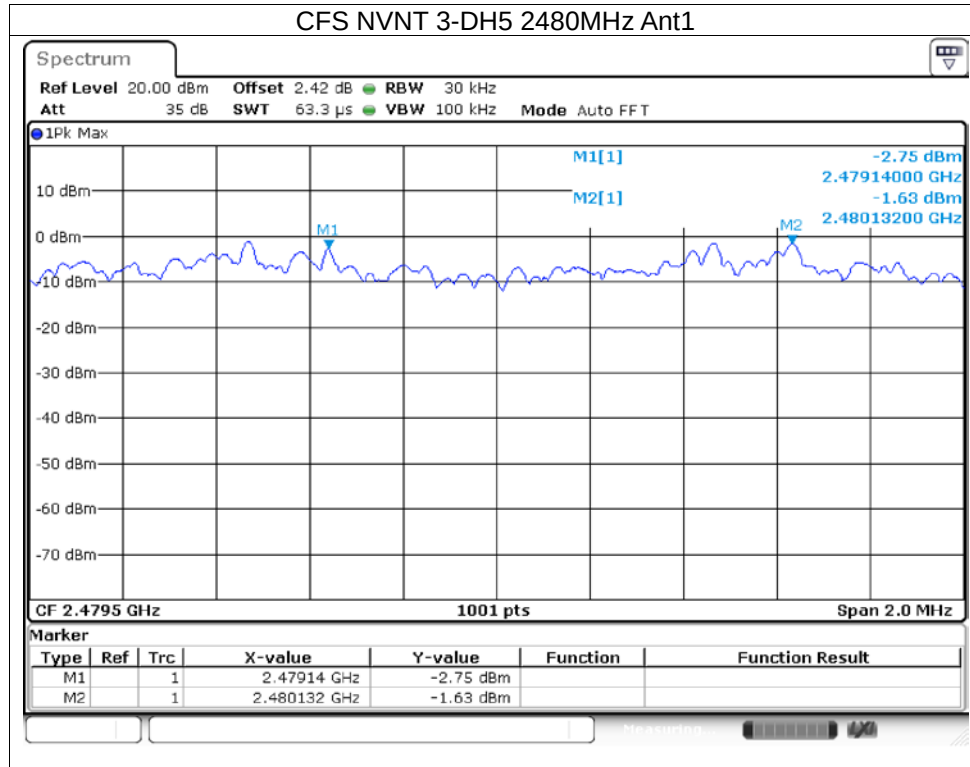


CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



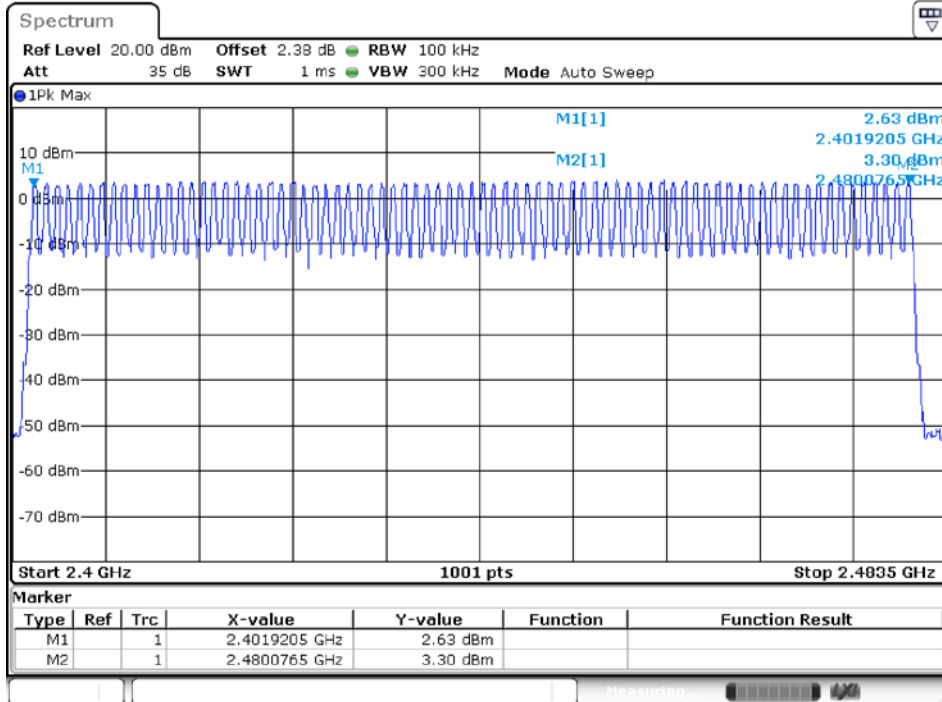


8.6 NUMBER OF HOPPING CHANNEL

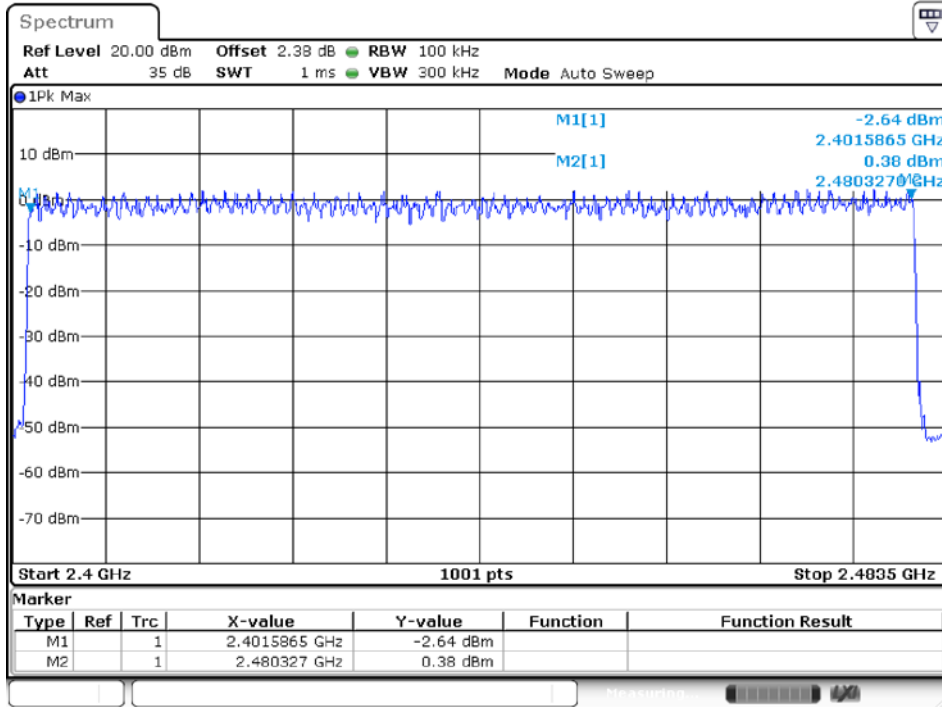
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

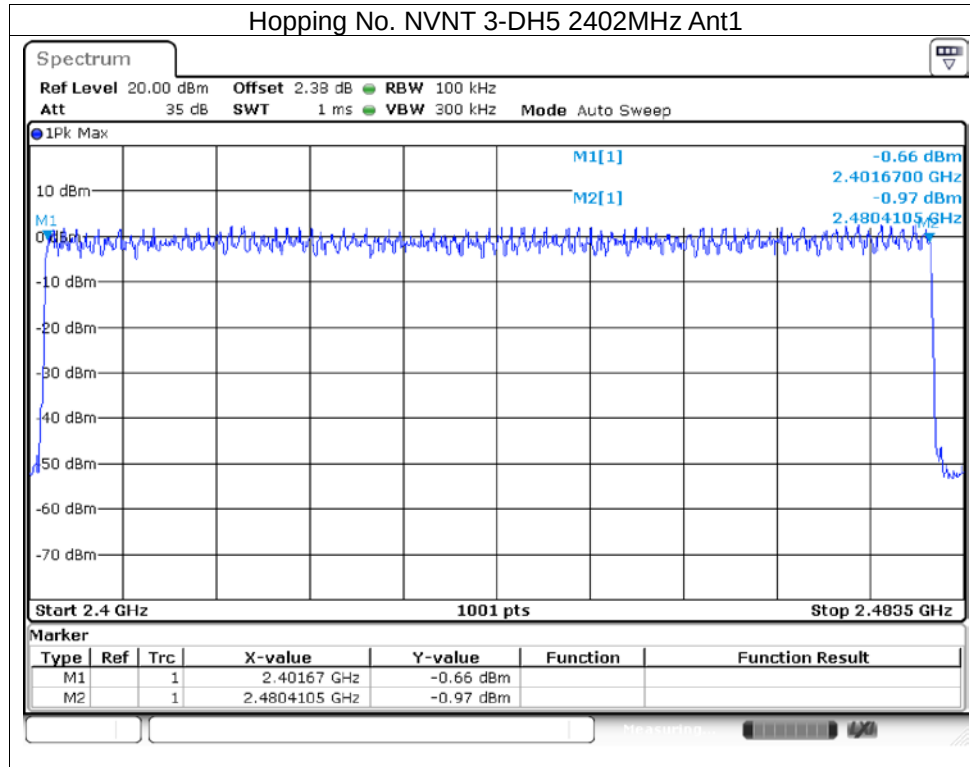
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



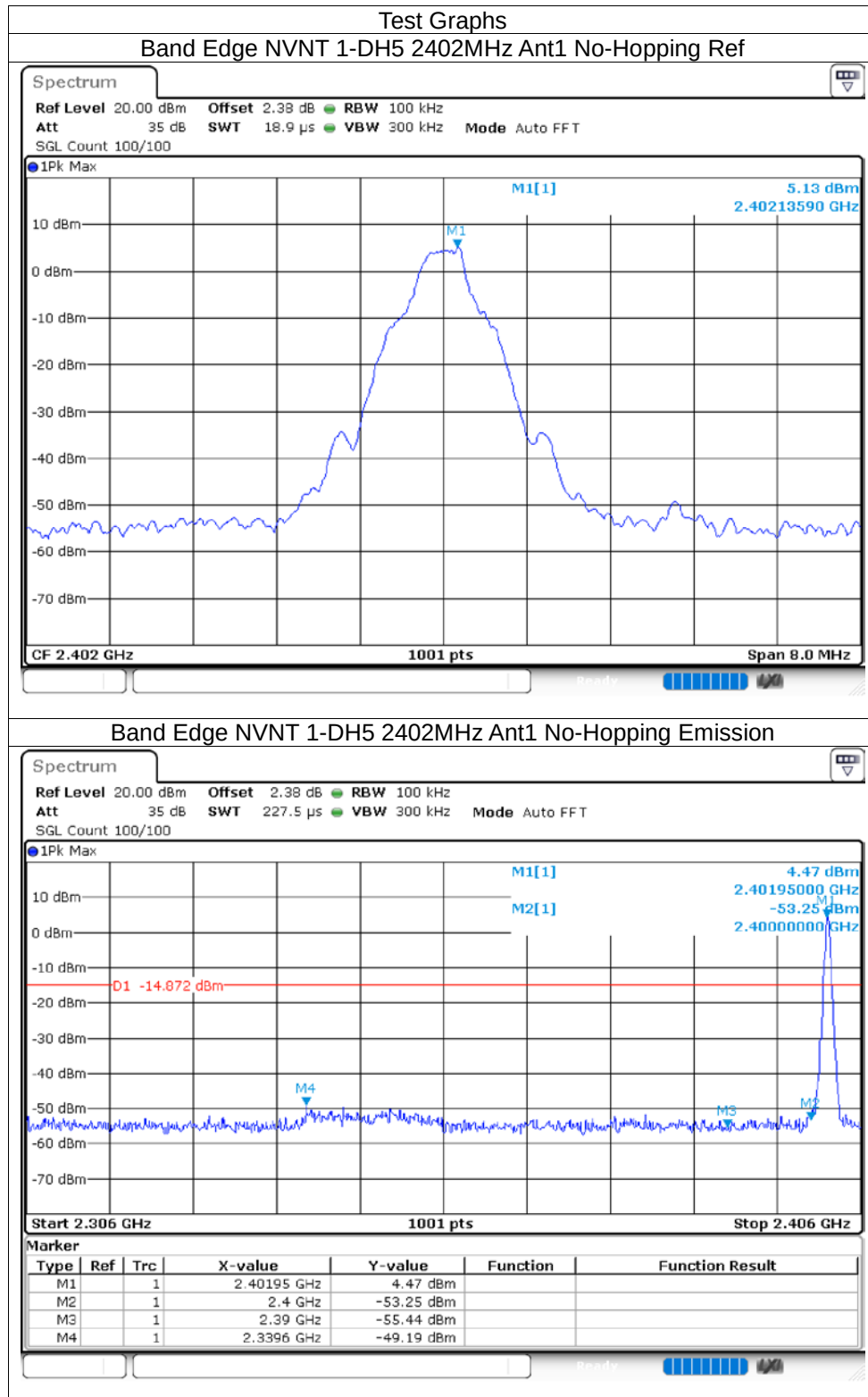
Hopping No. NVNT 2-DH5 2402MHz Ant1



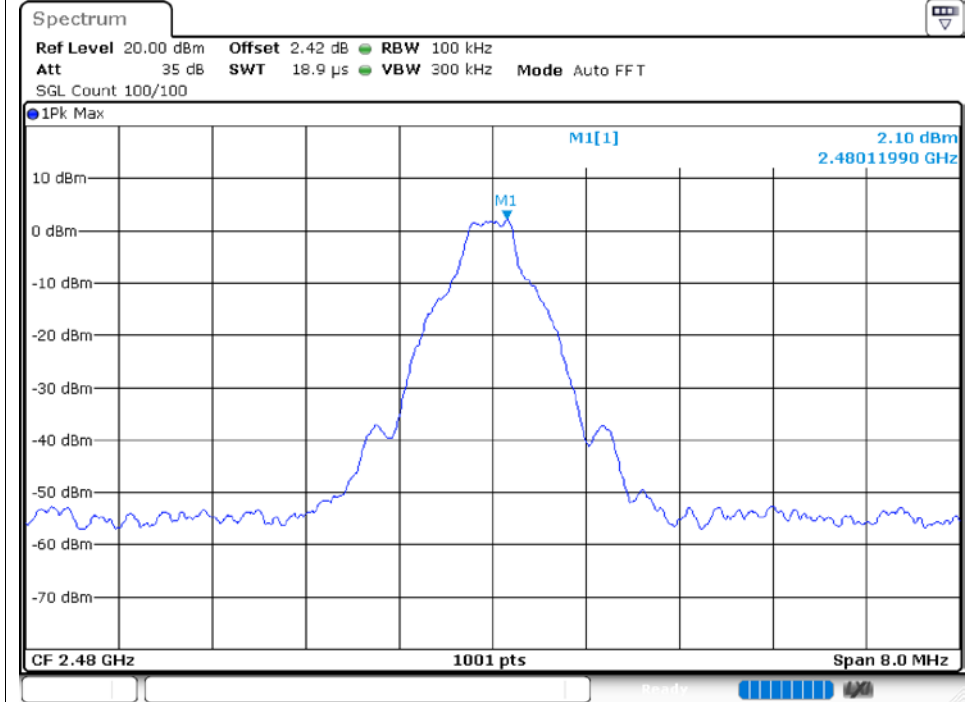


8.7 BAND EDGE

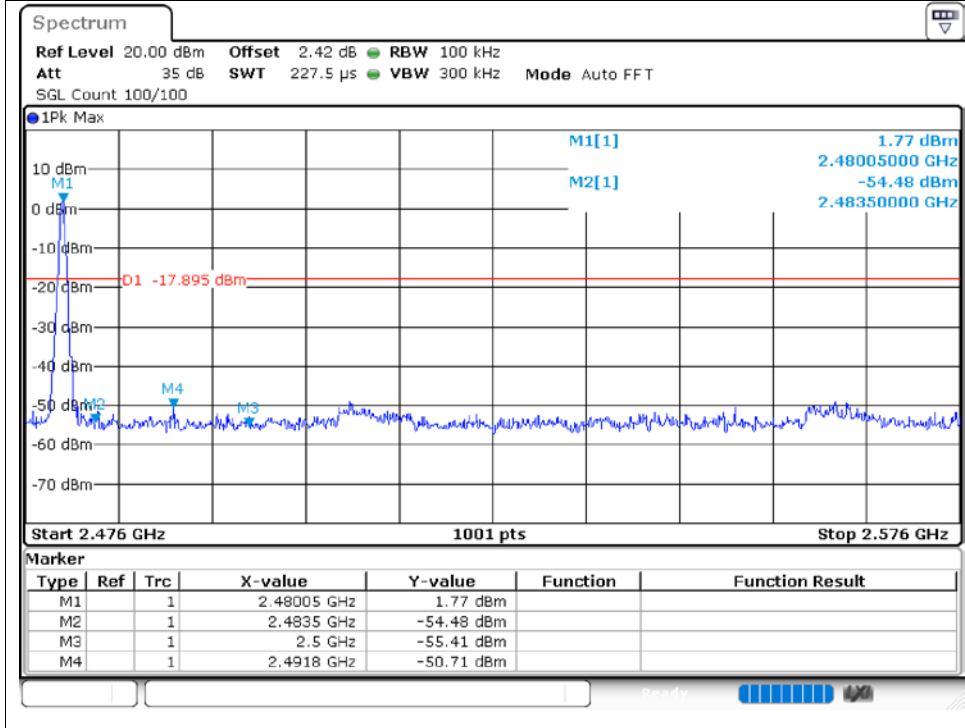
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-54.32	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-52.81	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.5	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.2	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-50.39	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-53.52	-20	Pass



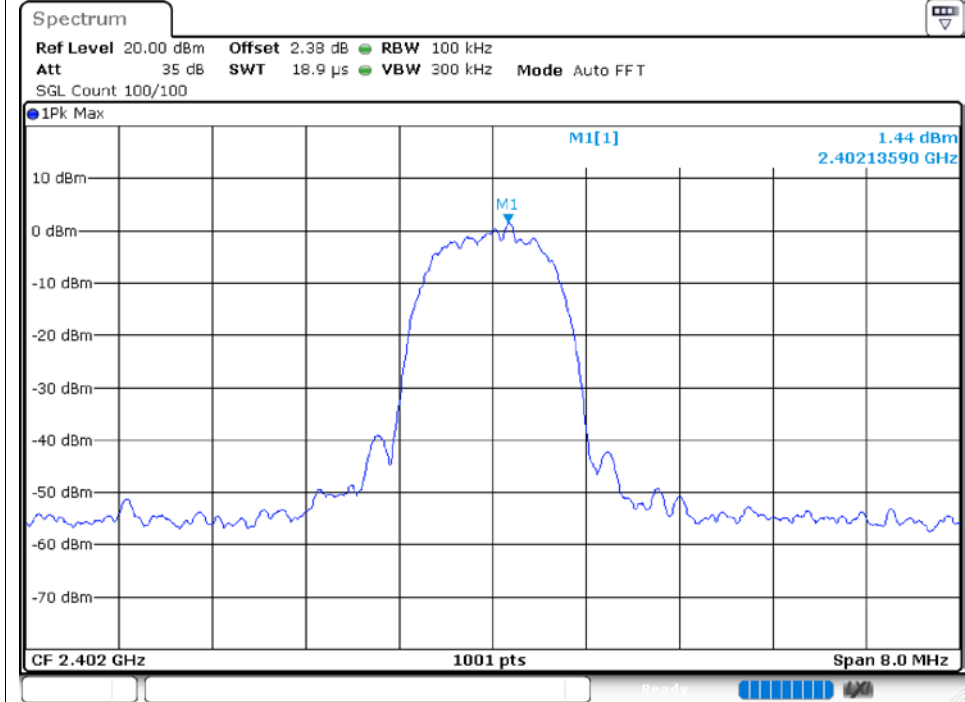
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



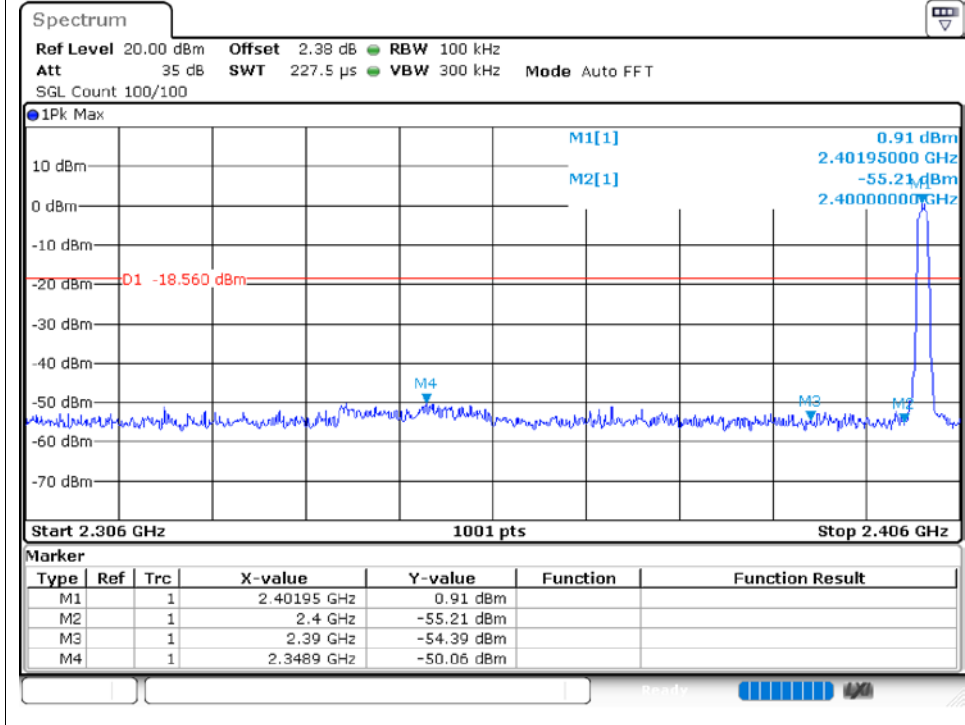
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



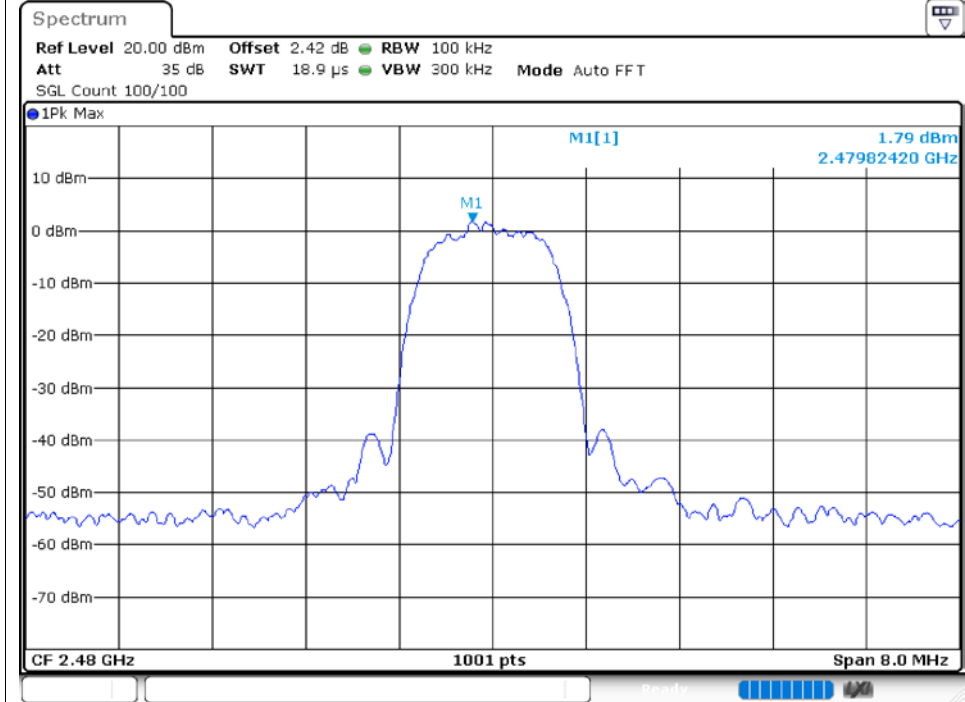
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



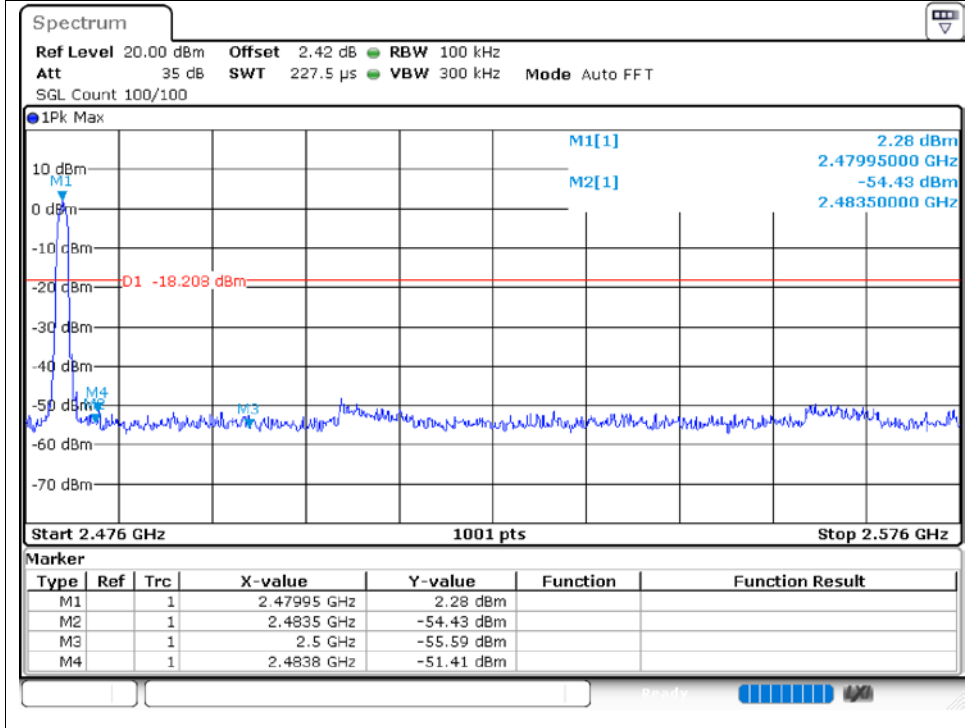
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



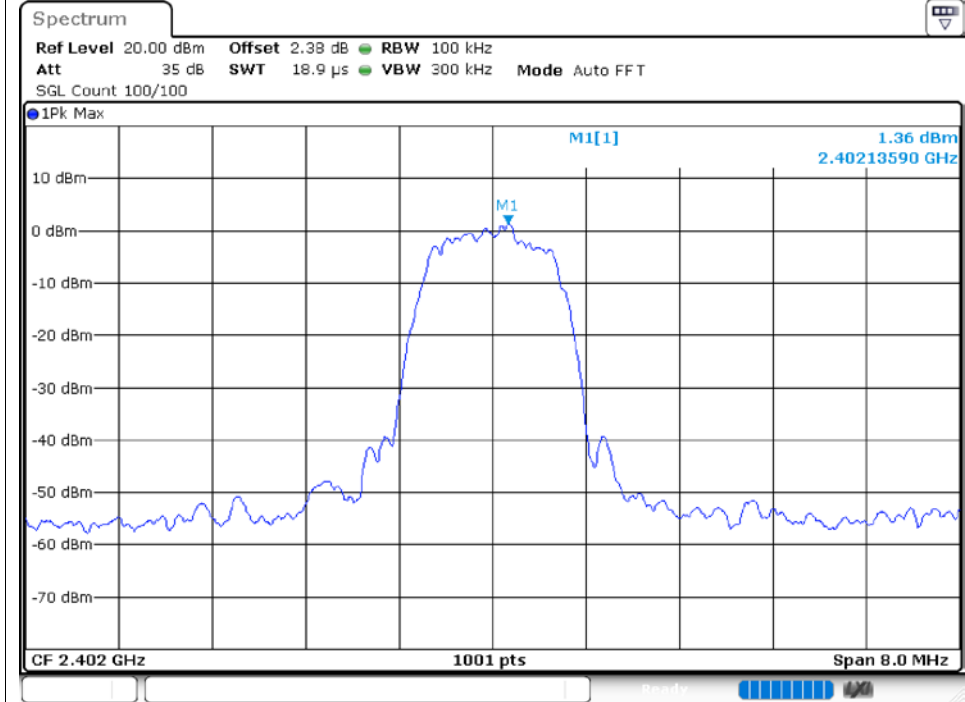
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



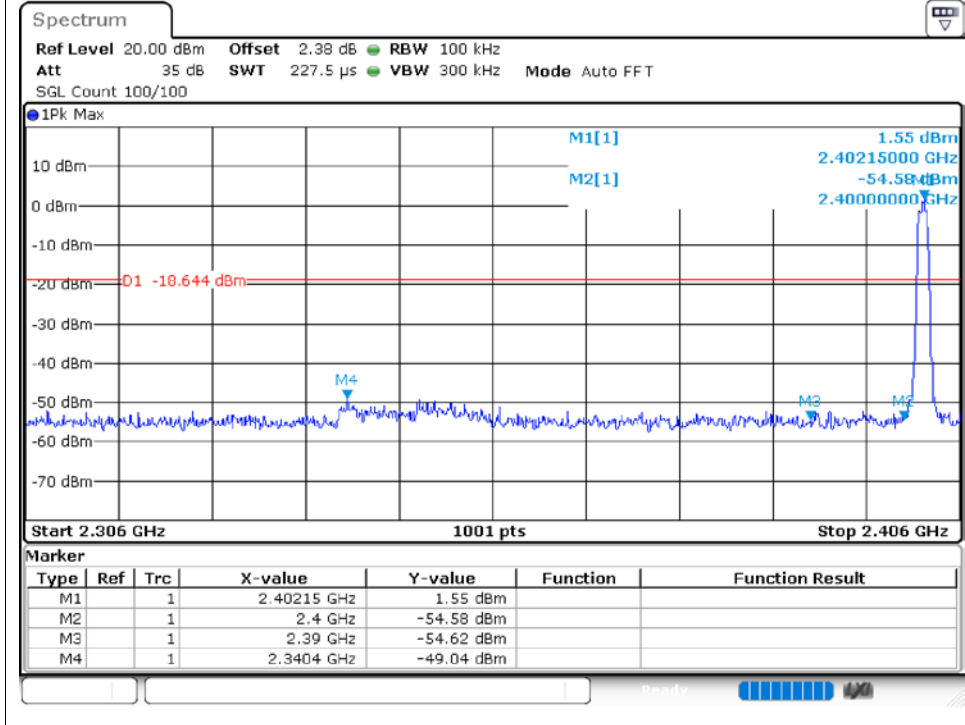
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



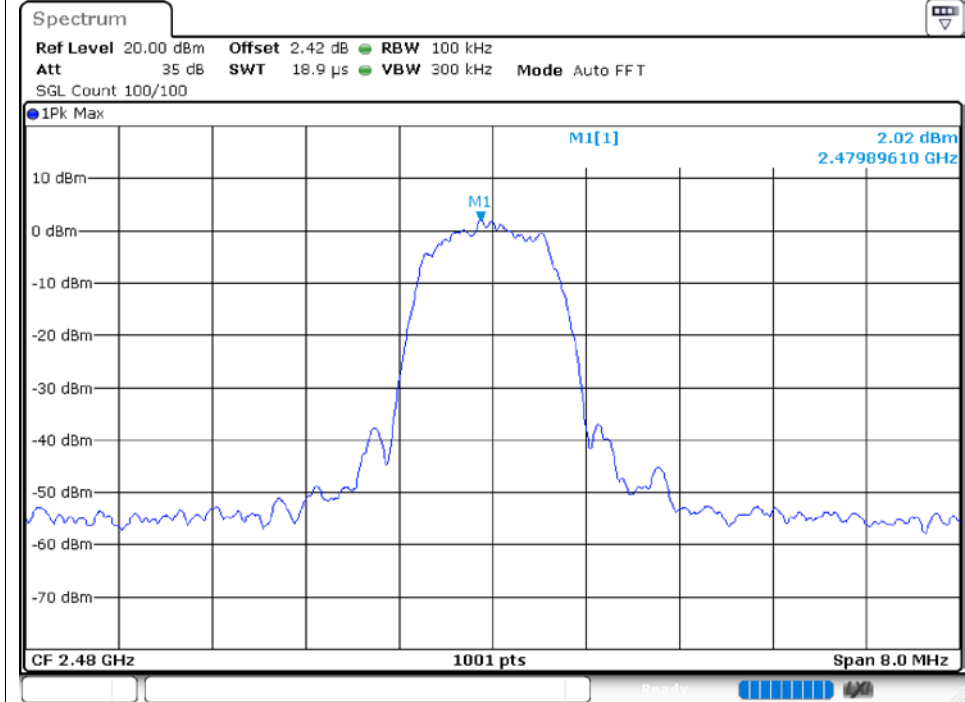
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



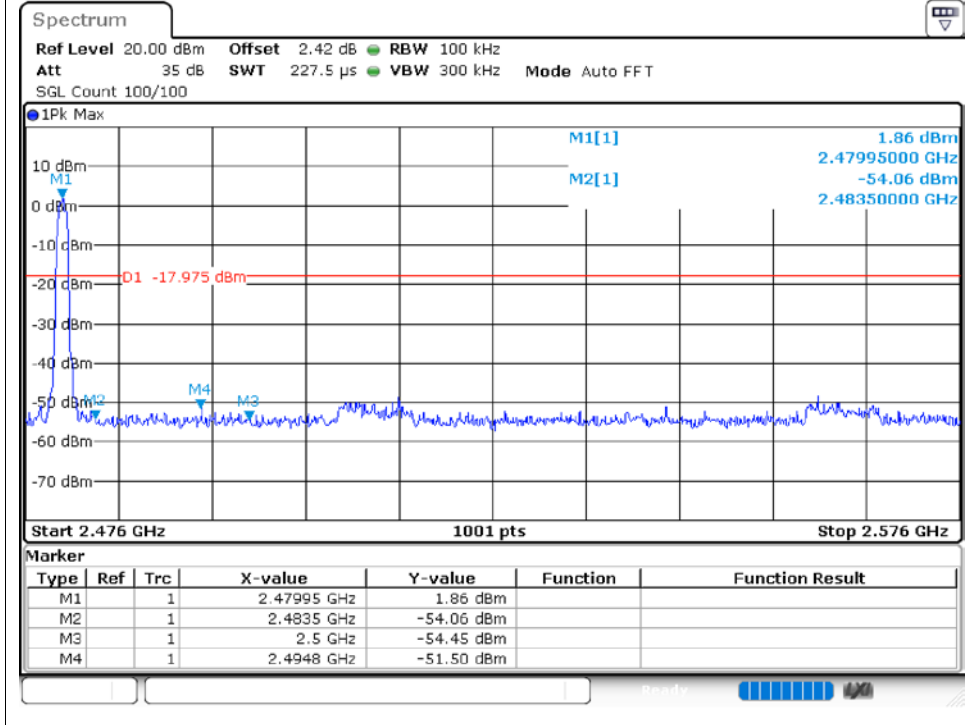
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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

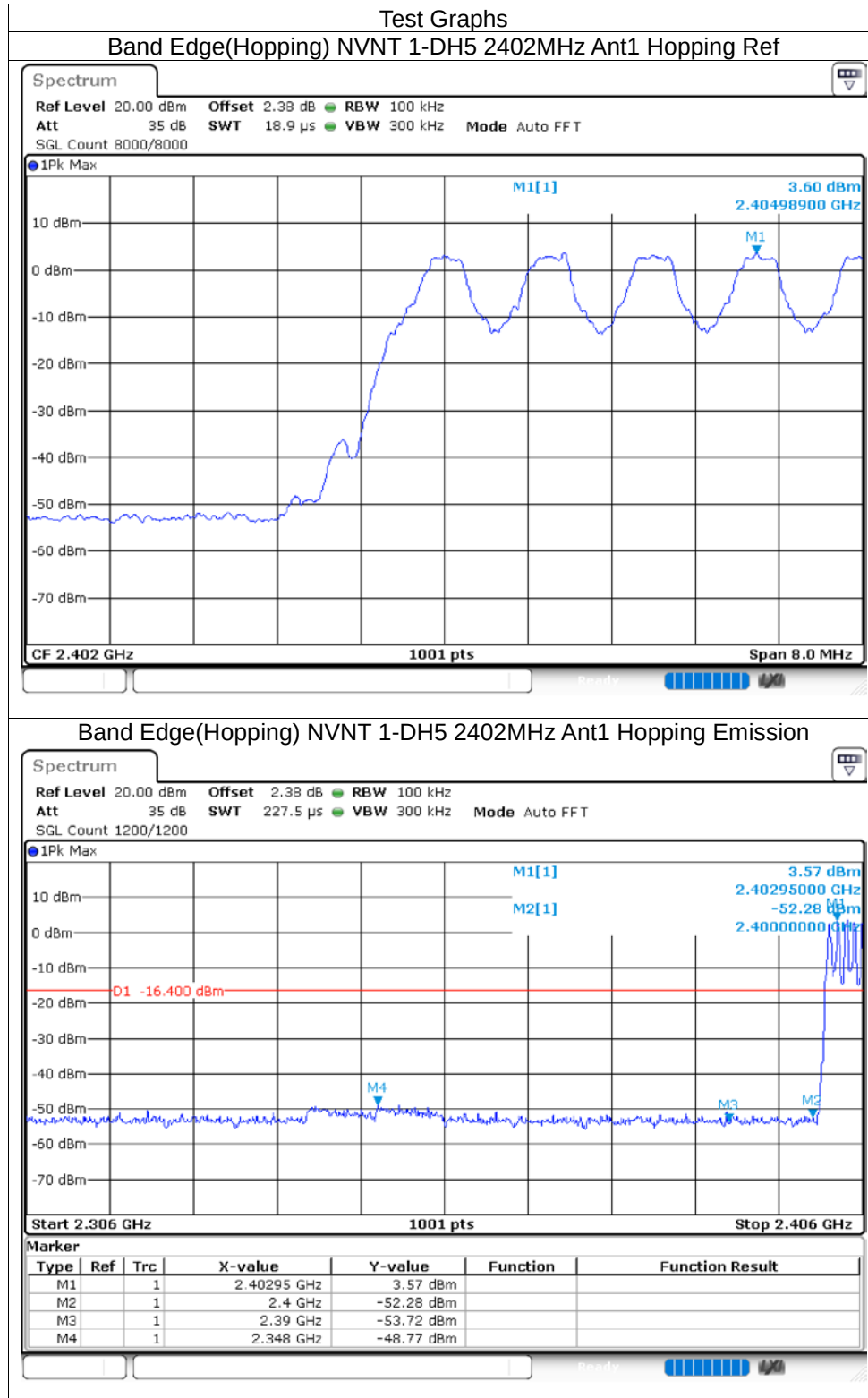


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission



8.8 BAND EDGE(HOPPING)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-52.37	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-54.66	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-50.55	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.59	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-50.58	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-53.51	-20	Pass

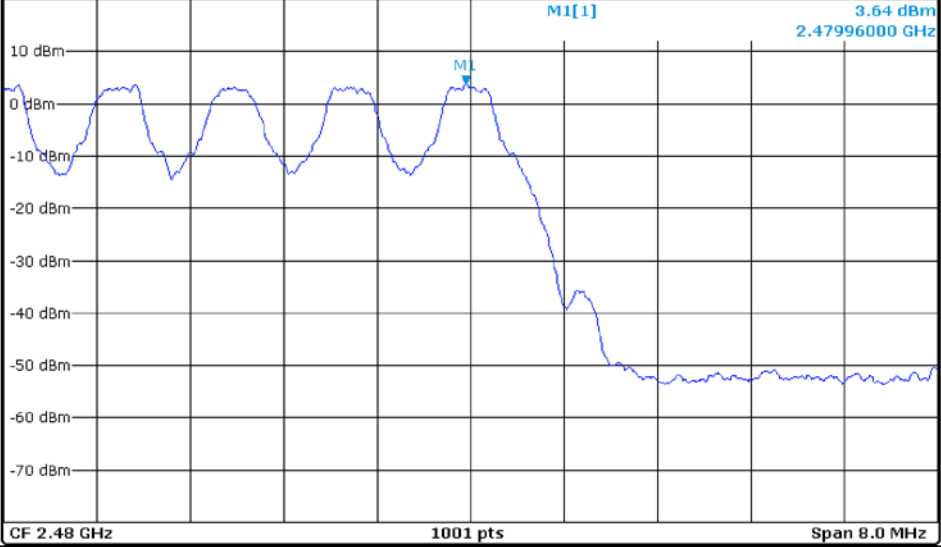


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

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

1Pk Max

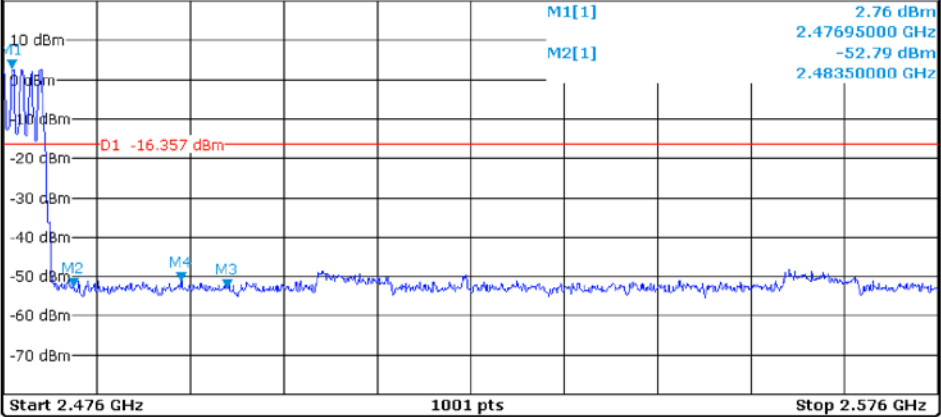


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

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 1200/1200

1Pk Max



Marker

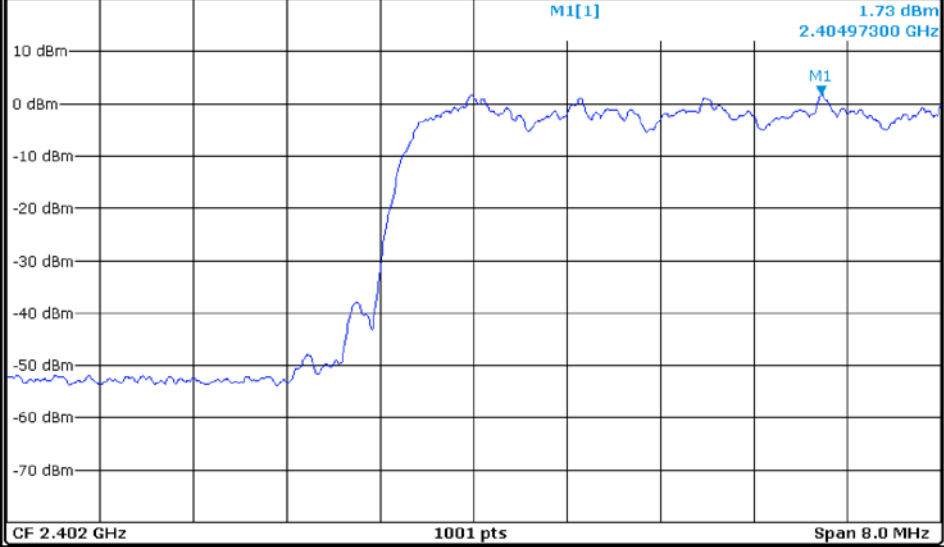
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47695 GHz	2.76 dBm		
M2		1	2.4835 GHz	-52.79 dBm		
M3		1	2.5 GHz	-52.91 dBm		
M4		1	2.495 GHz	-51.02 dBm		

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

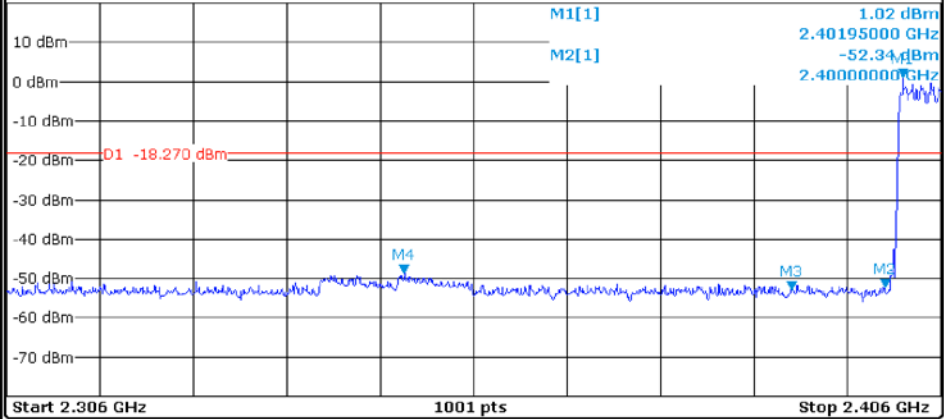


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

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 1200/1200

1Pk Max



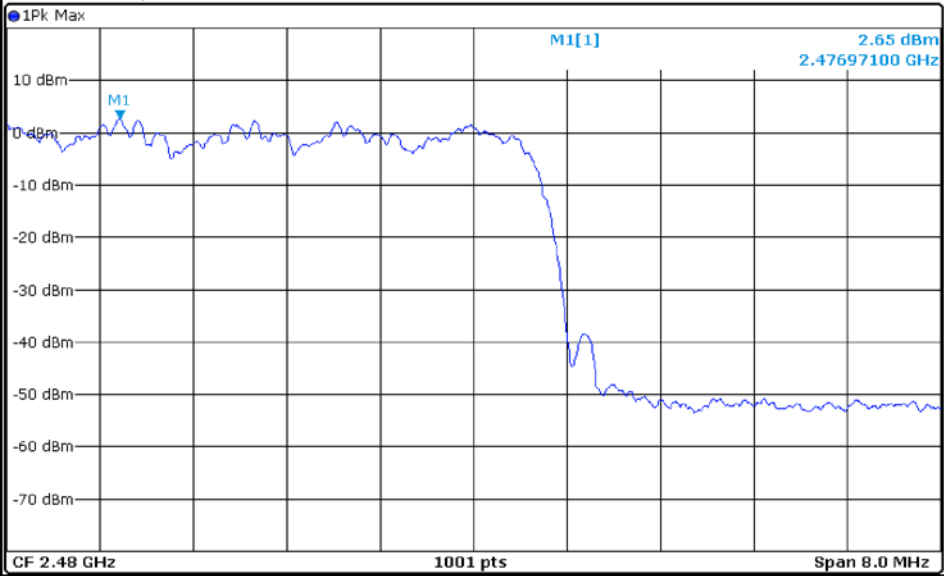
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40195 GHz	1.02 dBm		
M2	1		2.4 GHz	-52.34 dBm		
M3	1		2.39 GHz	-52.86 dBm		
M4	1		2.3486 GHz	-48.82 dBm		

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

Spectrum

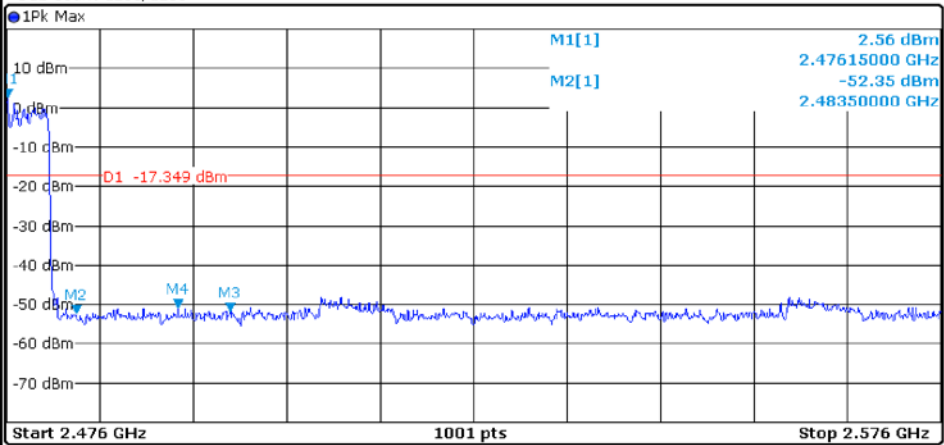
Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000



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



Marker

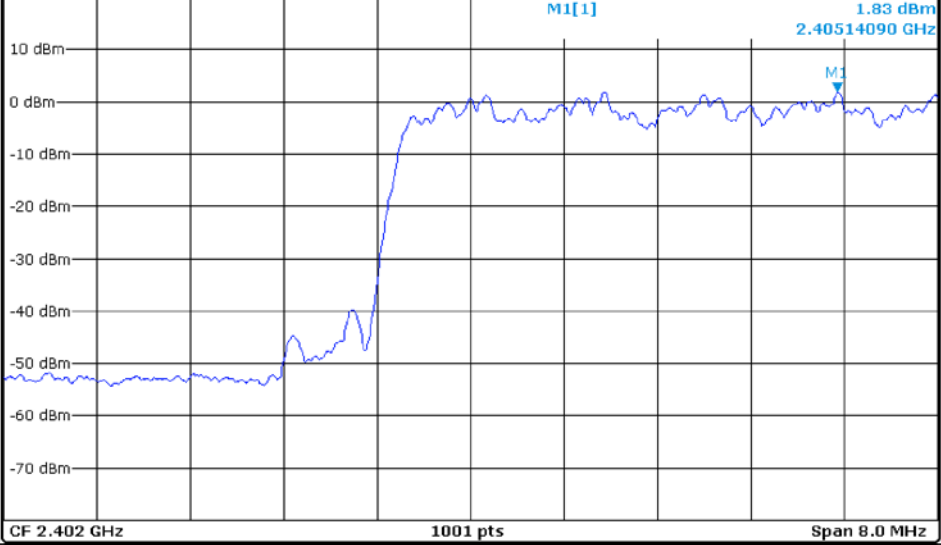
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47615 GHz	2.56 dBm		
M2	1		2.4835 GHz	-52.35 dBm		
M3	1		2.5 GHz	-51.71 dBm		
M4	1		2.4944 GHz	-50.95 dBm		

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

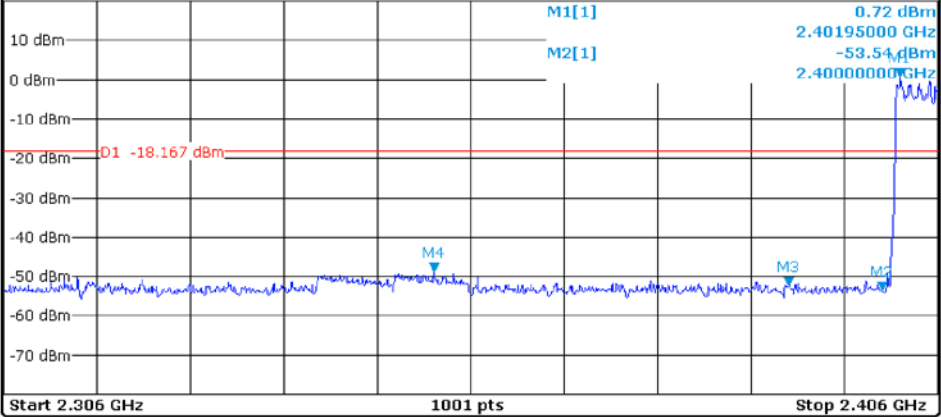


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

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



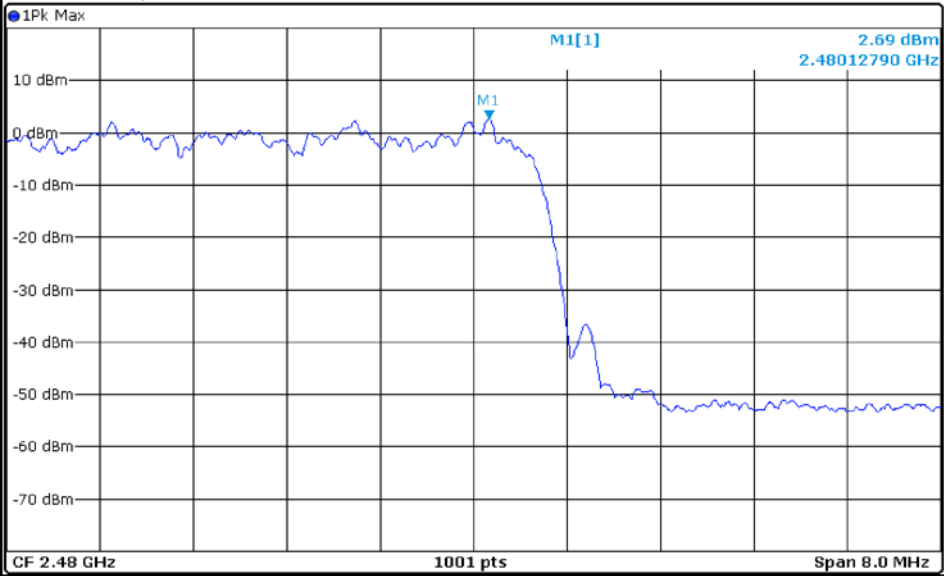
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40195 GHz	0.72 dBm		
M2		1	2.4 GHz	-53.54 dBm		
M3		1	2.39 GHz	-52.47 dBm		
M4		1	2.3521 GHz	-48.75 dBm		

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

Spectrum

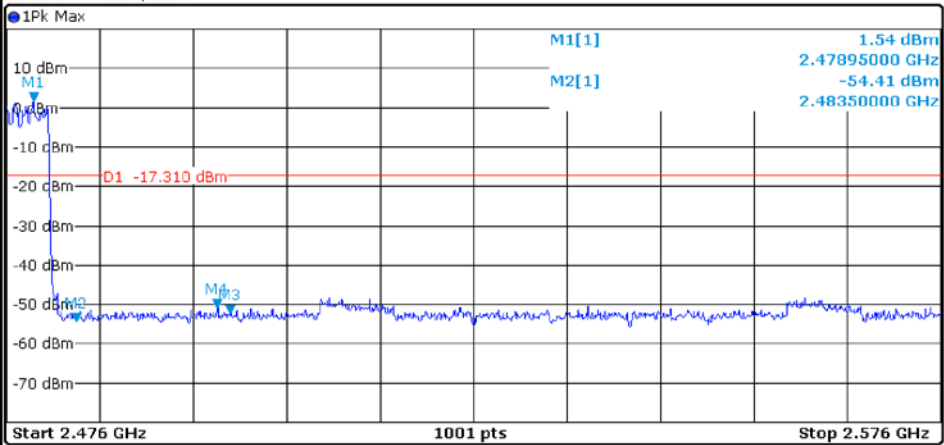
Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000



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

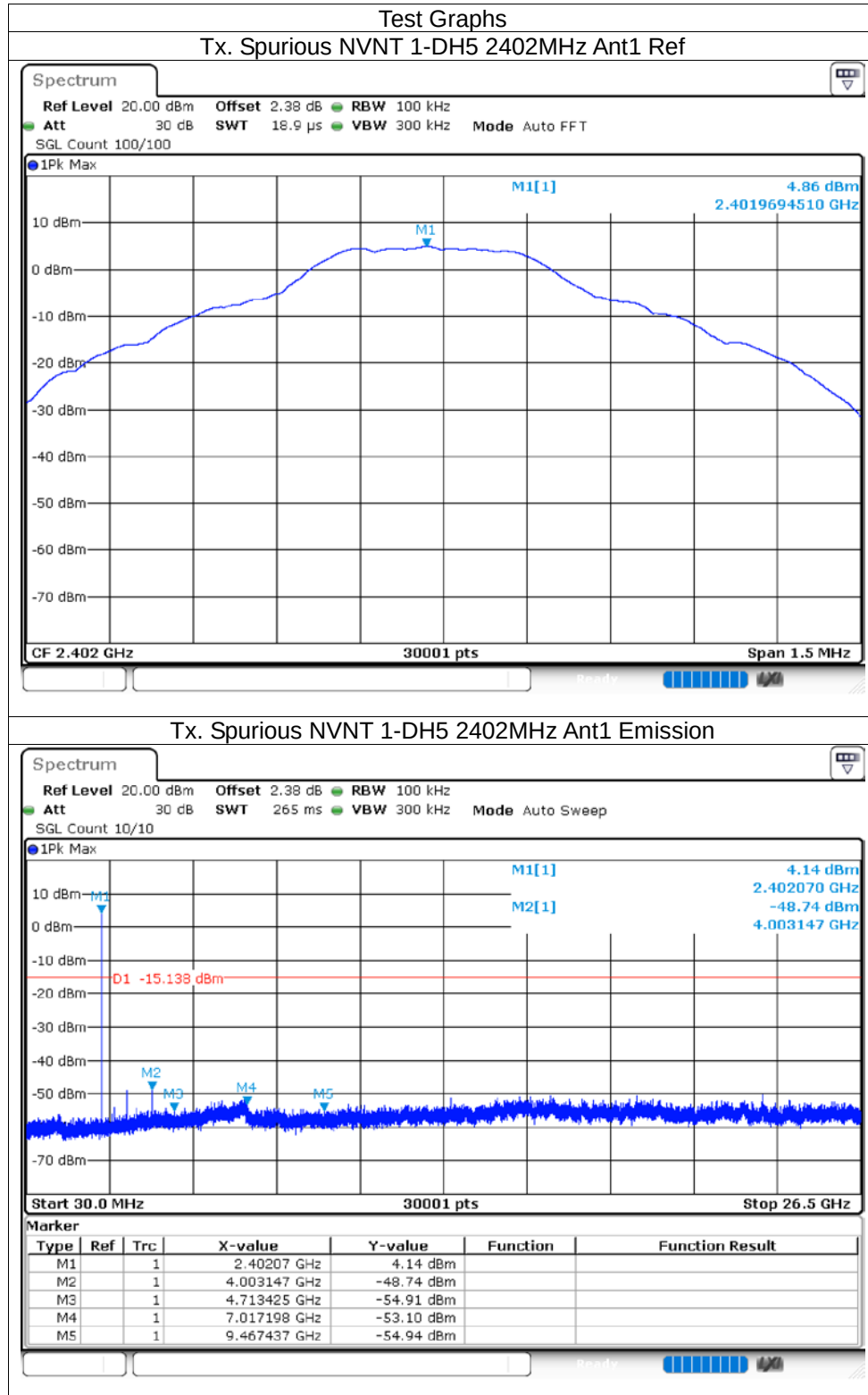


Marker

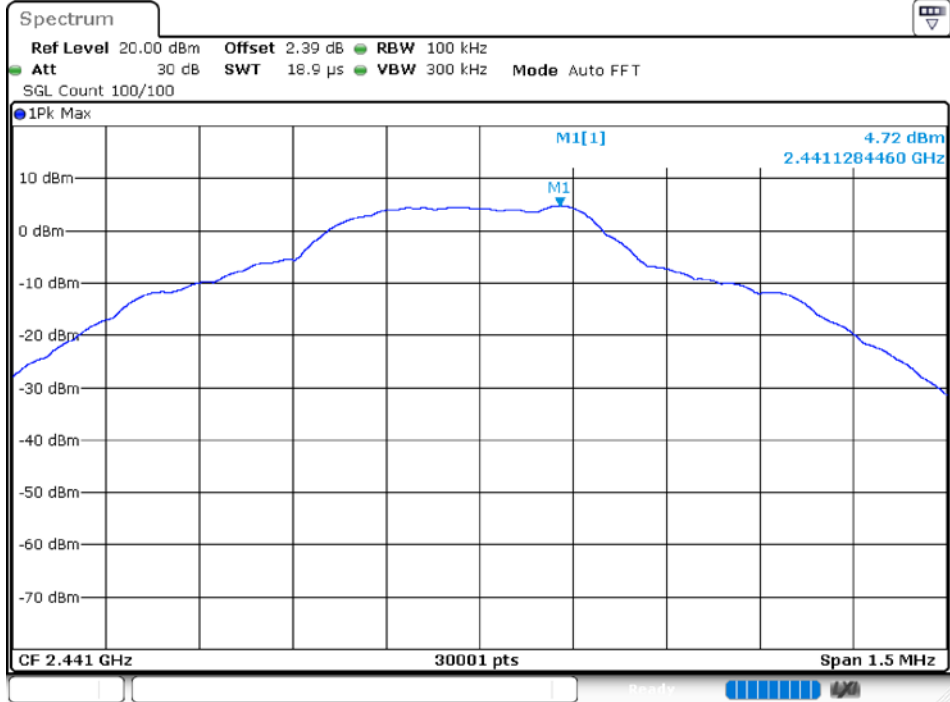
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47895 GHz	1.54 dBm		
M2	1		2.4835 GHz	-54.41 dBm		
M3	1		2.5 GHz	-52.46 dBm		
M4	1		2.4985 GHz	-50.82 dBm		

8.9 CONDUCTED RF SPURIOUS EMISSION

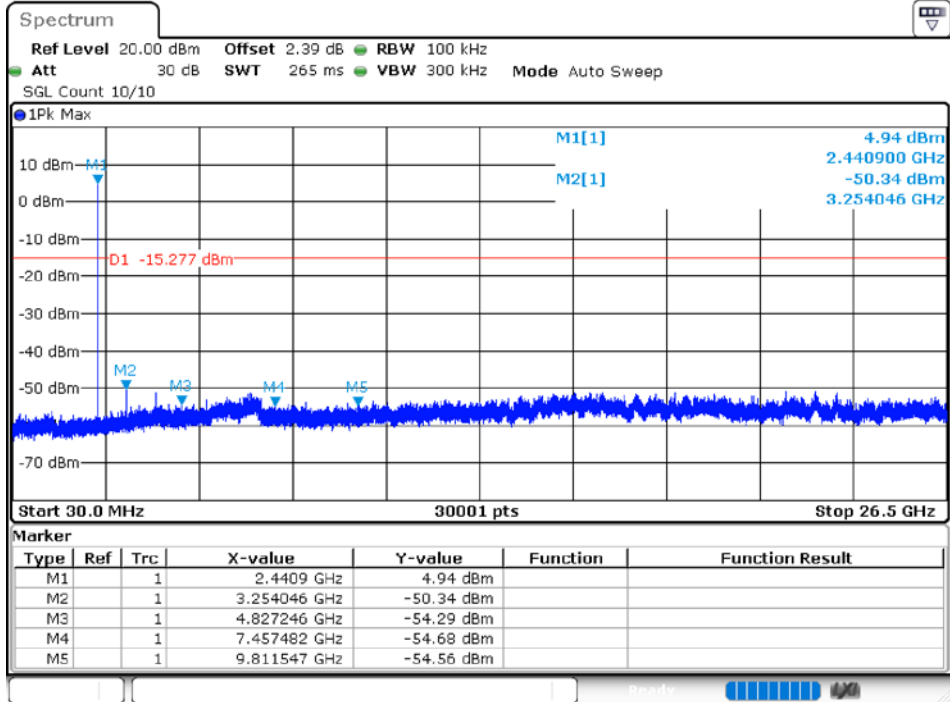
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-53.6	-20	Pass
NVNT	1-DH5	2441	Ant1	-55.05	-20	Pass
NVNT	1-DH5	2480	Ant1	-53.32	-20	Pass
NVNT	2-DH5	2402	Ant1	-51.91	-20	Pass
NVNT	2-DH5	2441	Ant1	-53.62	-20	Pass
NVNT	2-DH5	2480	Ant1	-56.28	-20	Pass
NVNT	3-DH5	2402	Ant1	-51.83	-20	Pass
NVNT	3-DH5	2441	Ant1	-53.96	-20	Pass
NVNT	3-DH5	2480	Ant1	-55.86	-20	Pass



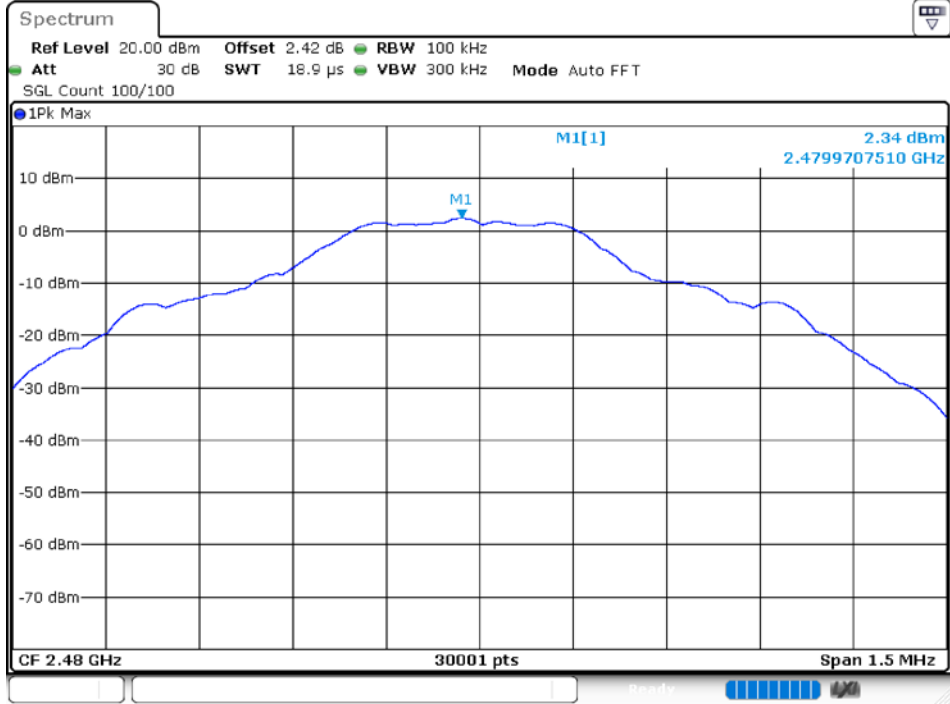
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



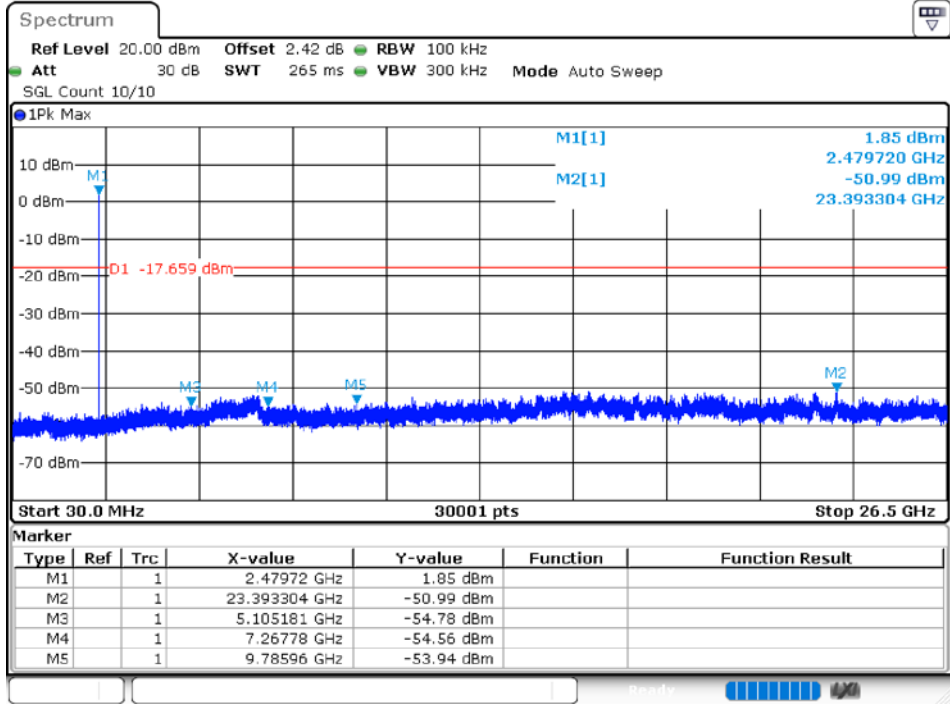
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



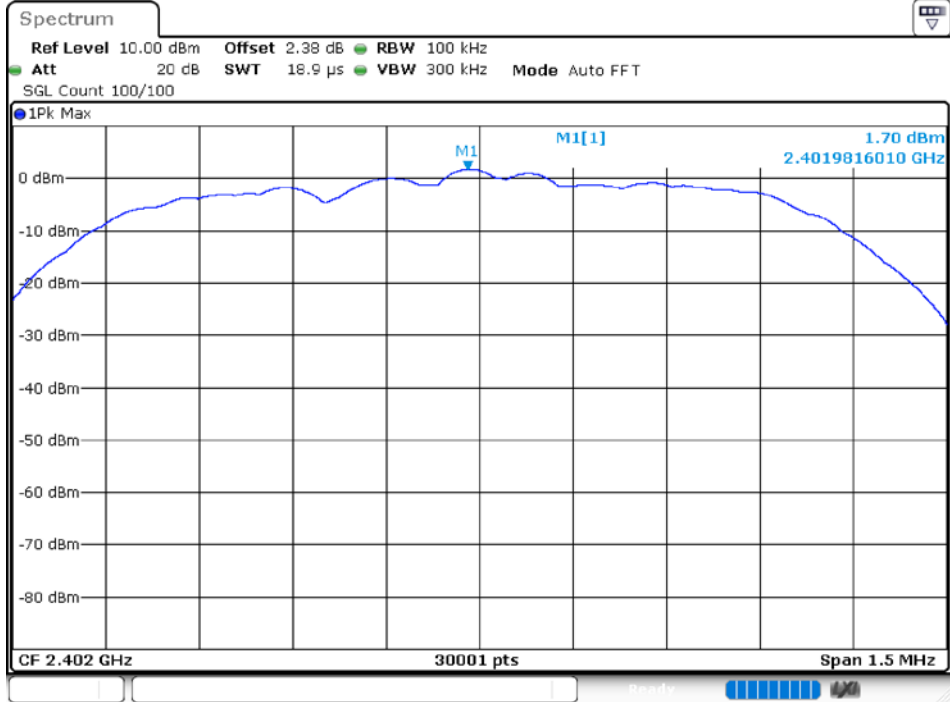
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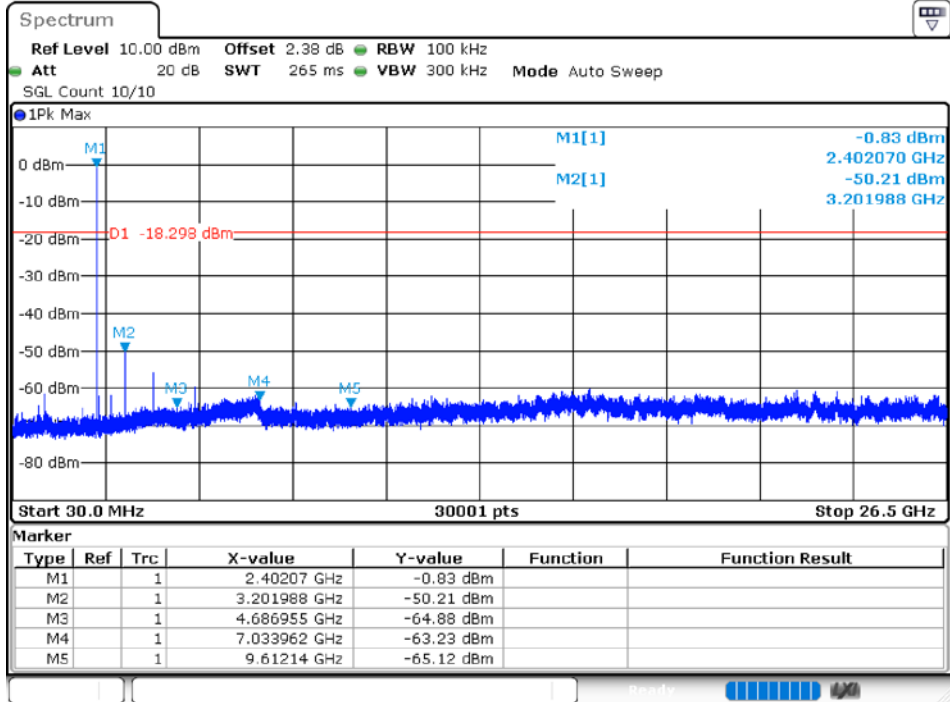
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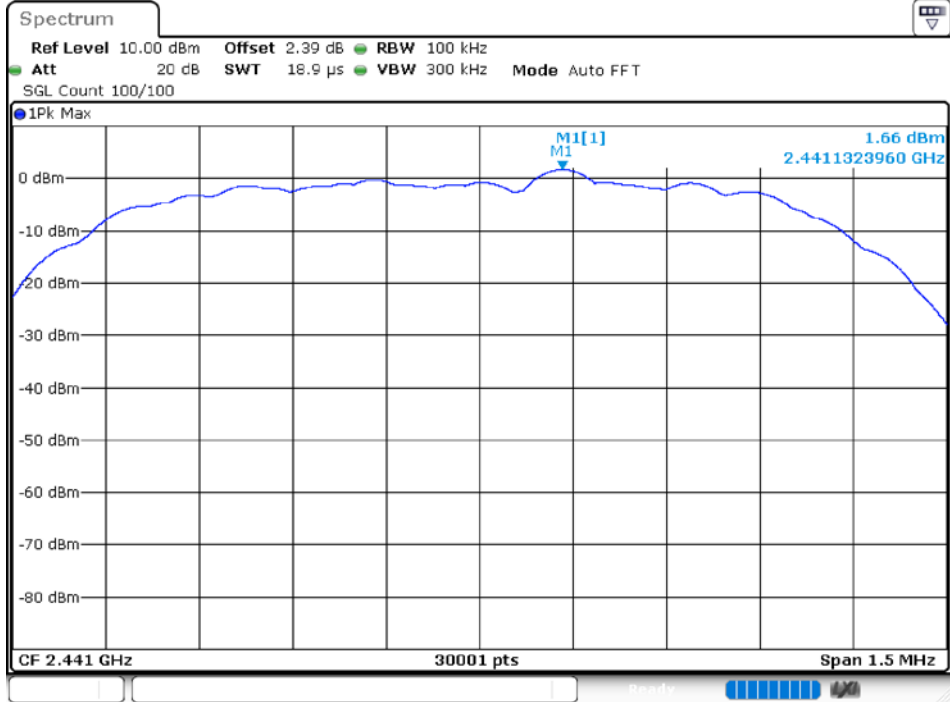
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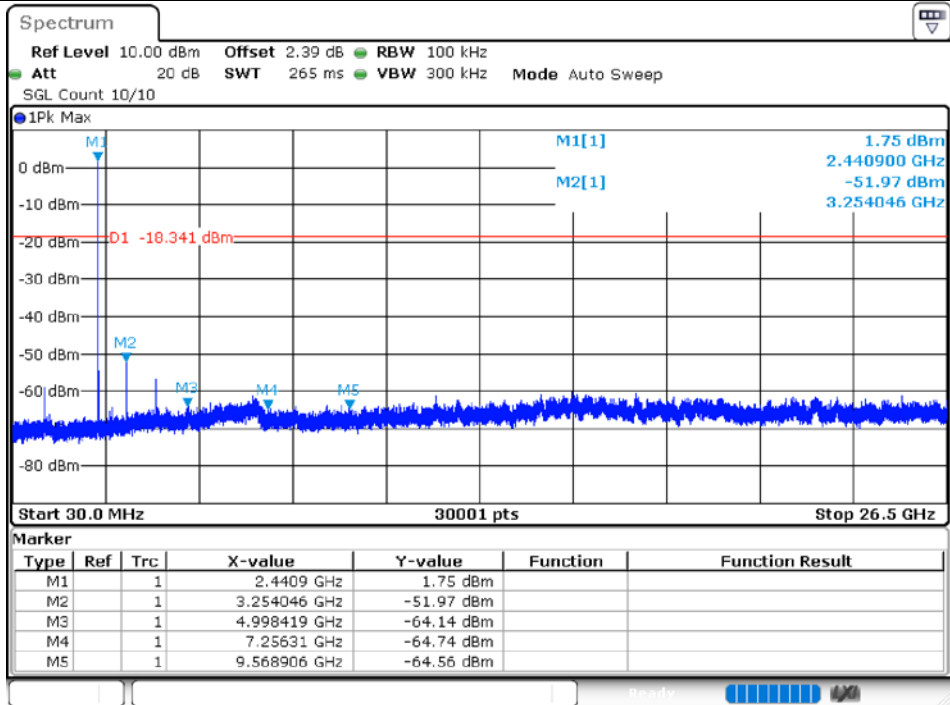
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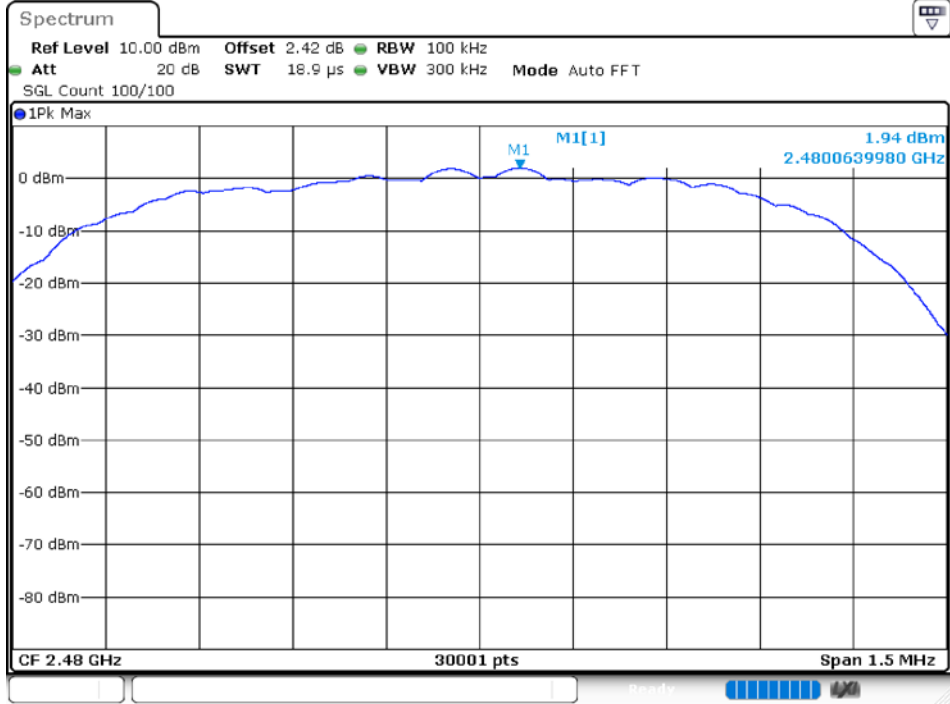
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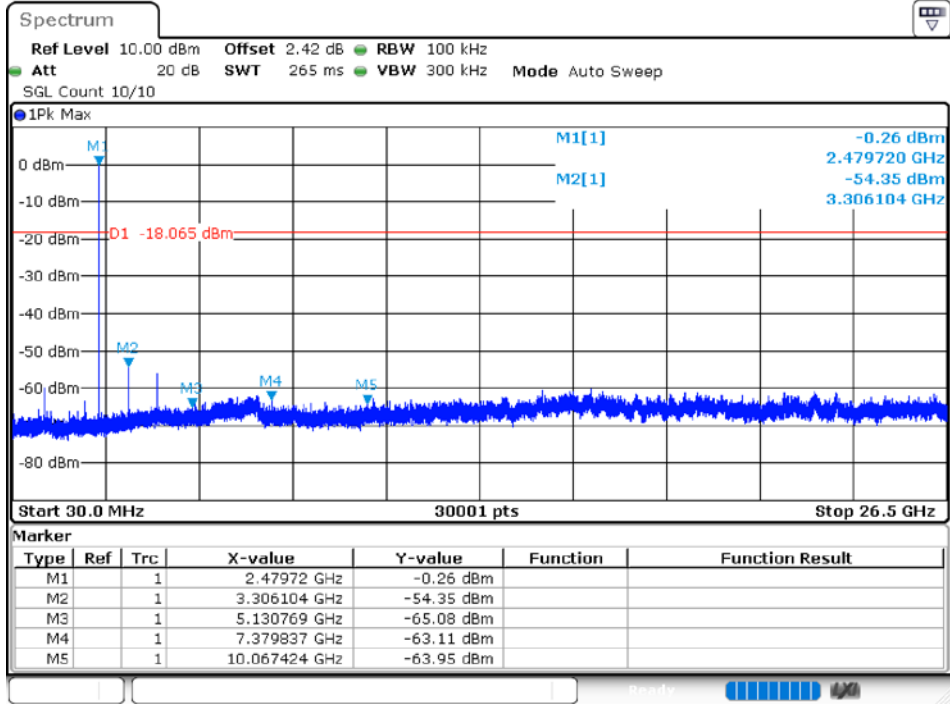
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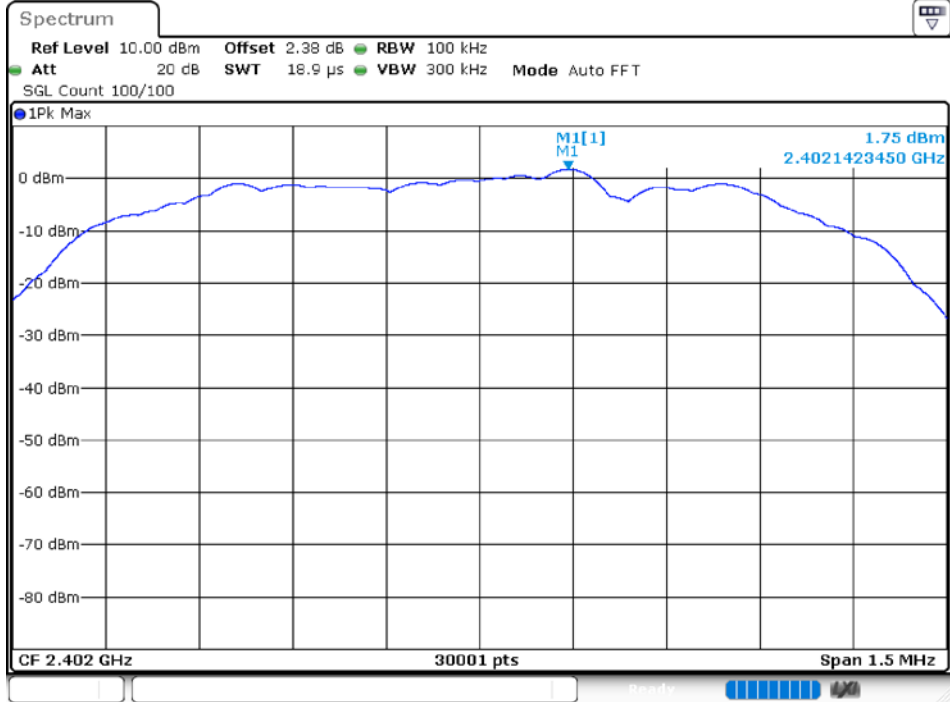
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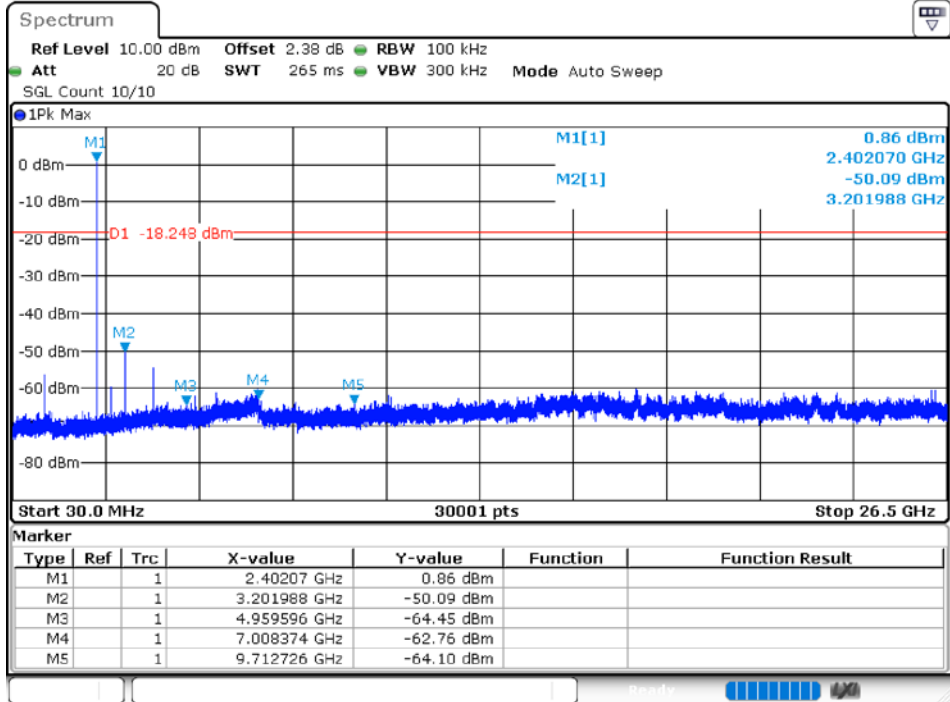
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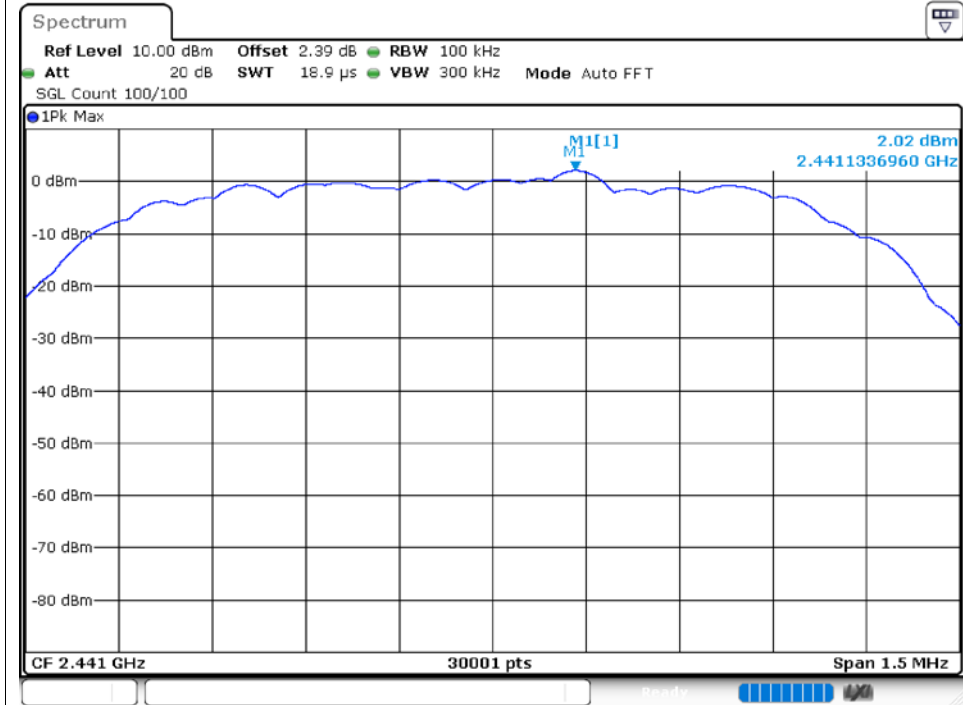
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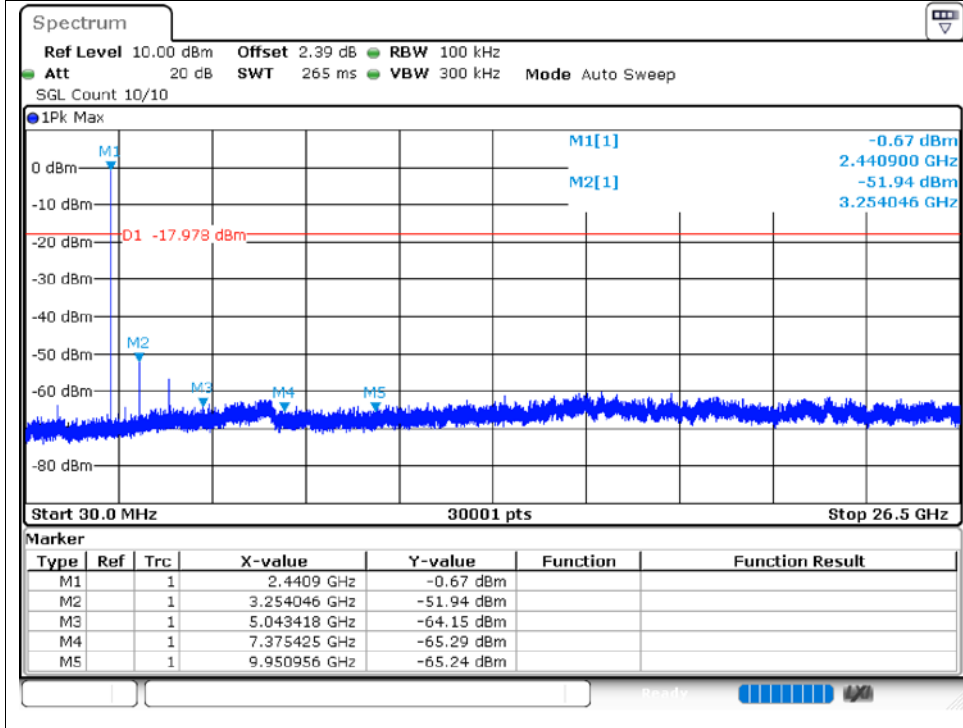
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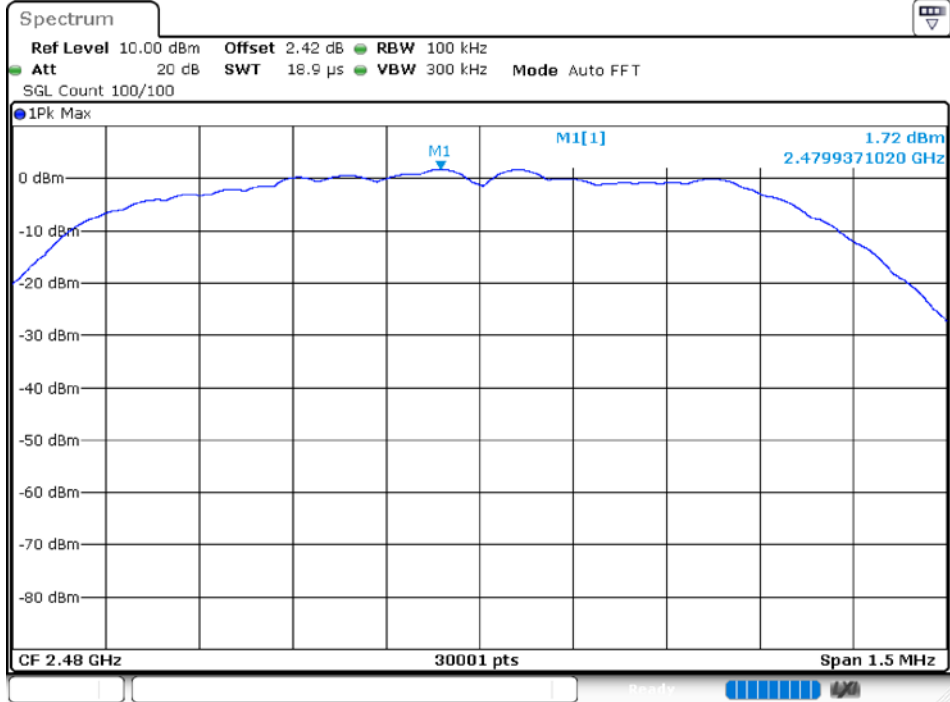
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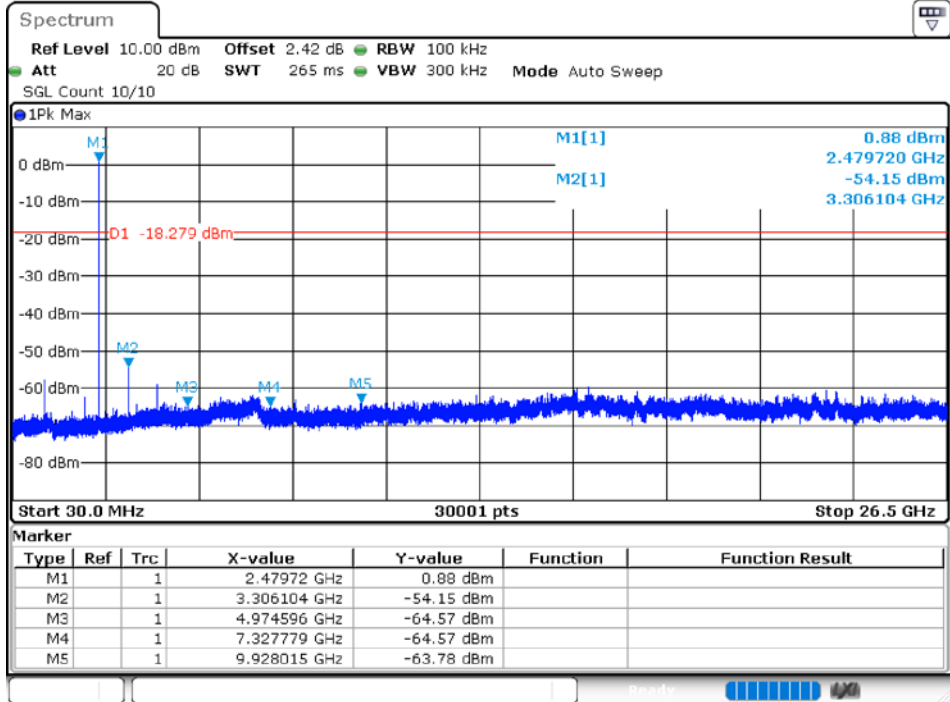
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



END OF REPORT