

8.8 Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-51.02	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-49.27	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-52.32	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-51.45	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-51.82	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-52.17	-20	Pass

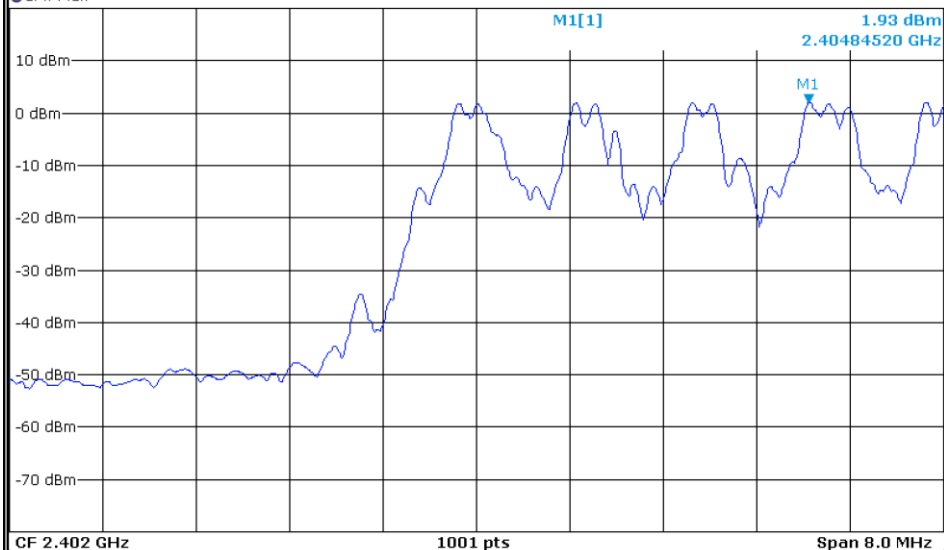
Test Graphs

Band Edge(Hopping) NVNT 1-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 15000/15000

IPk Max

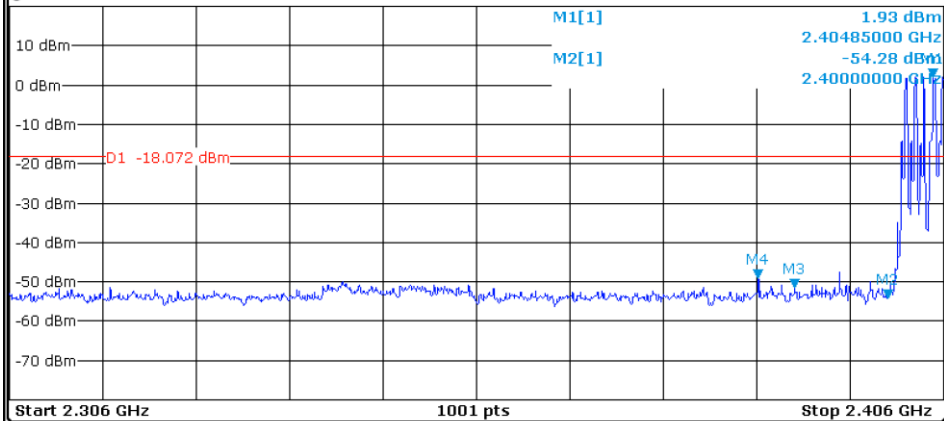


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

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

IPk Max



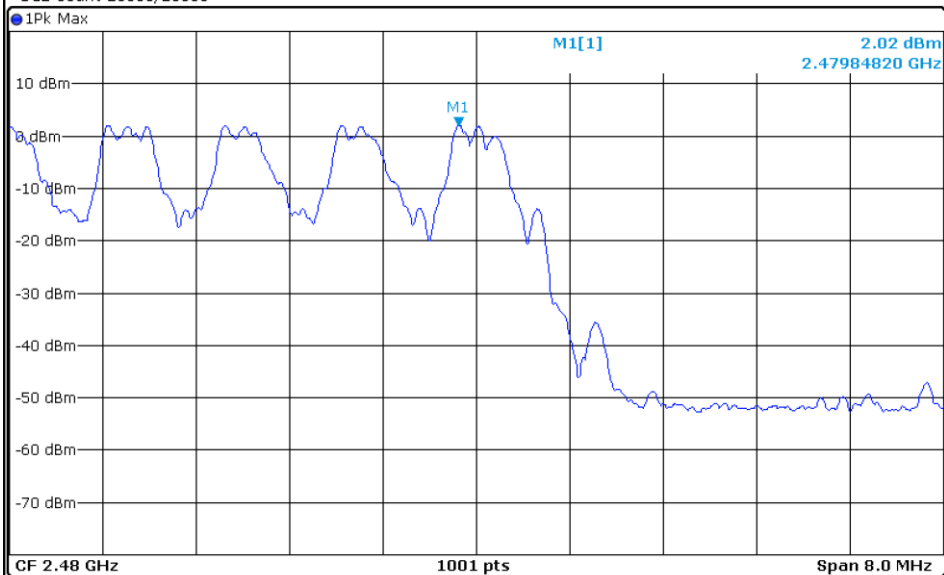
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40485 GHz	1.93 dBm		
M2		1	2.4 GHz	-54.28 dBm		
M3		1	2.39 GHz	-51.60 dBm		
M4		1	2.3861 GHz	-49.09 dBm		

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

Spectrum

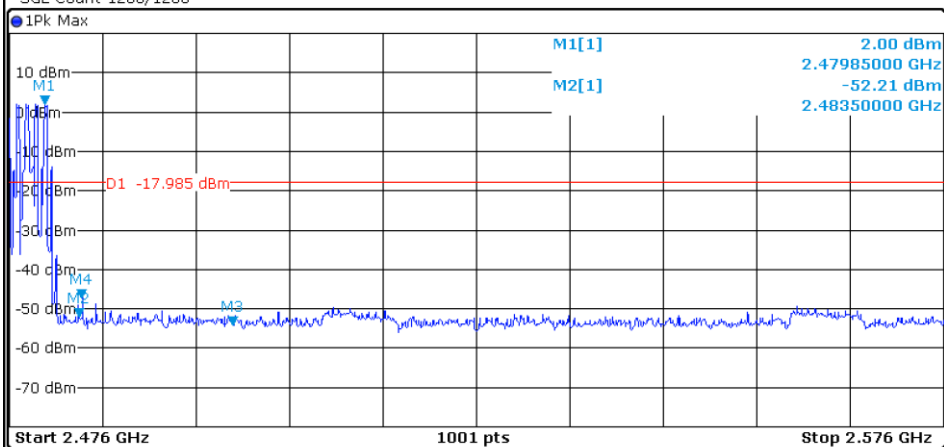
Ref Level 20.00 dBm Offset 2.42 dB RBW 100 kHz
Att 35 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 20000/20000



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

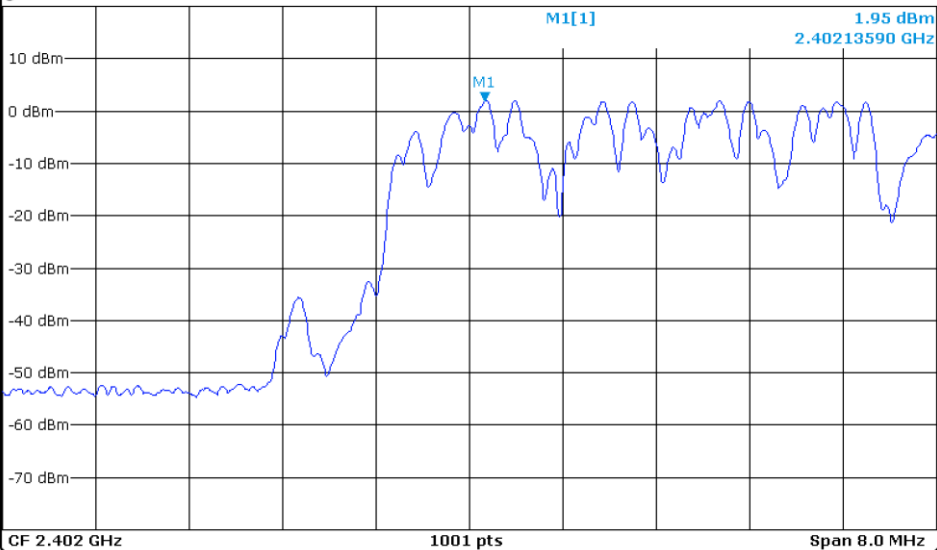
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47985 GHz	2.00 dBm		
M2		1	2.4835 GHz	-52.21 dBm		
M3		1	2.5 GHz	-54.26 dBm		
M4		1	2.4838 GHz	-47.26 dBm		

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

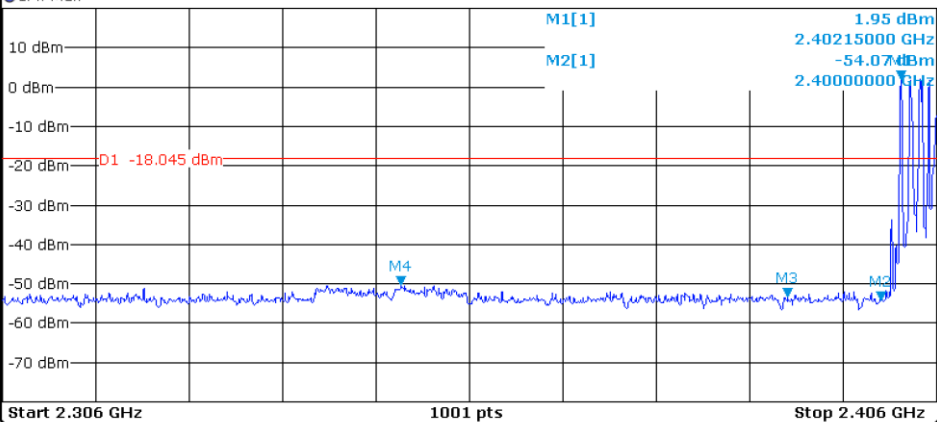


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

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

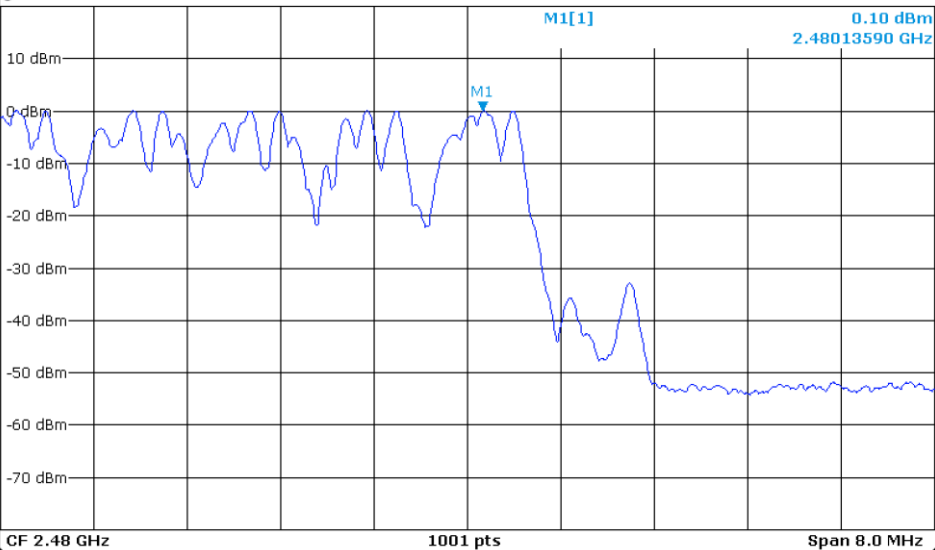
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40215 GHz	1.95 dBm		
M2		1	2.4 GHz	-54.07 dBm		
M3		1	2.39 GHz	-53.31 dBm		
M4		1	2.3487 GHz	-50.38 dBm		

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

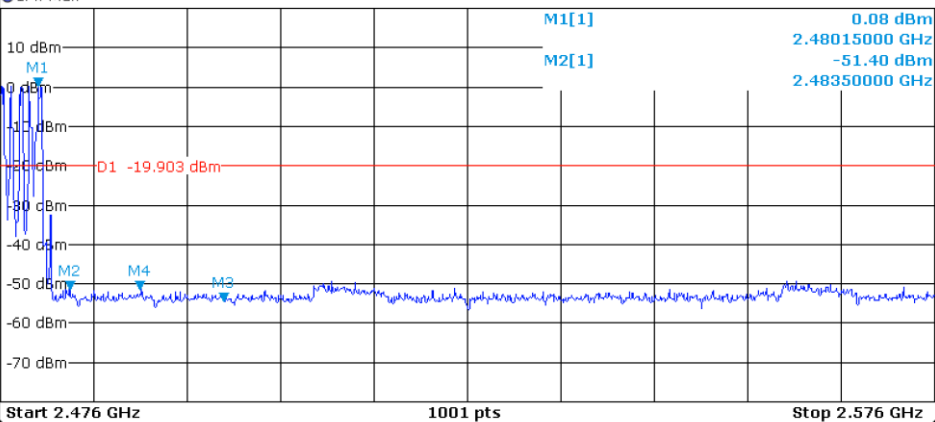


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

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 1200/1200

1Pk Max



Marker

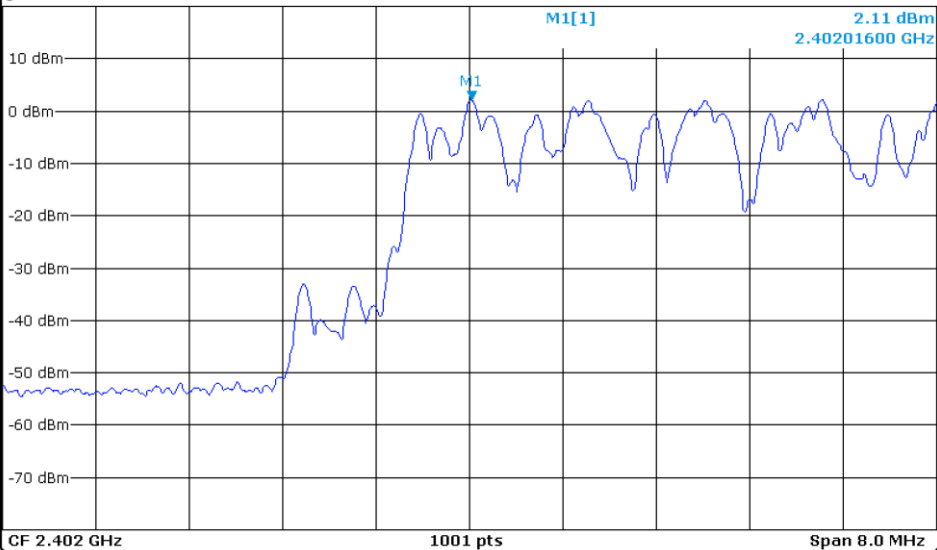
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48015 GHz	0.08 dBm		
M2		1	2.4835 GHz	-51.40 dBm		
M3		1	2.5 GHz	-54.61 dBm		
M4		1	2.491 GHz	-51.36 dBm		

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

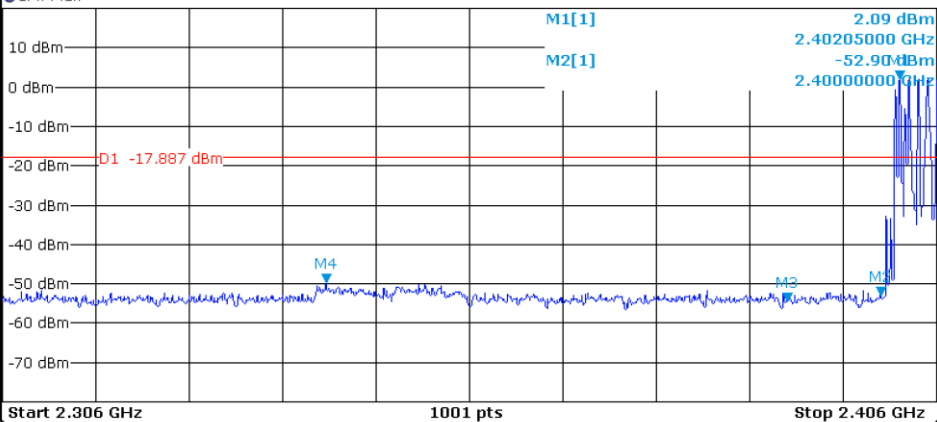


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

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

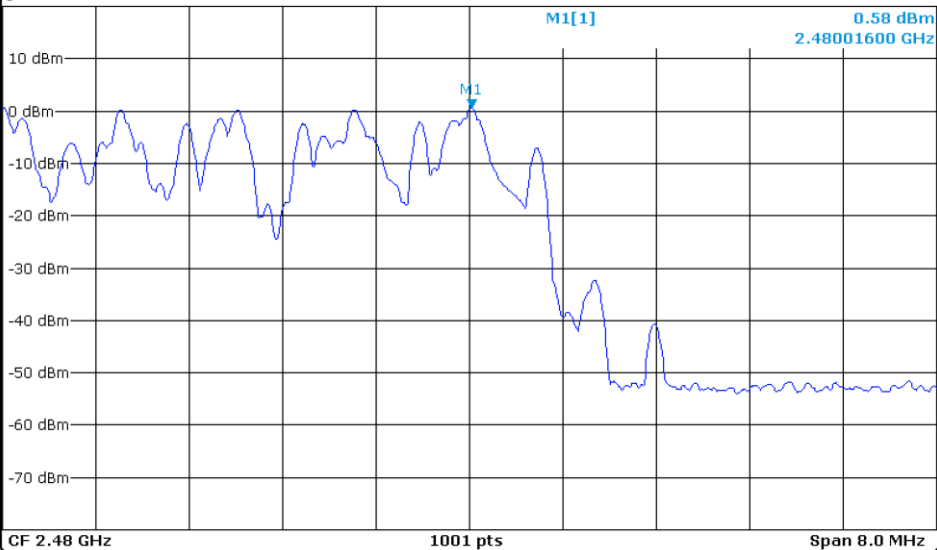
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40205 GHz	2.09 dBm		
M2		1	2.4 GHz	-52.90 dBm		
M3		1	2.39 GHz	-54.34 dBm		
M4		1	2.3407 GHz	-49.71 dBm		

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

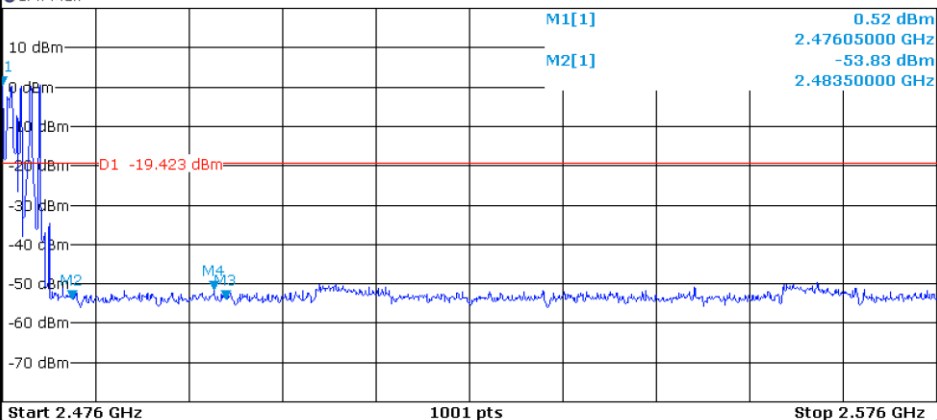


Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

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 1200/1200

1Pk Max



Marker

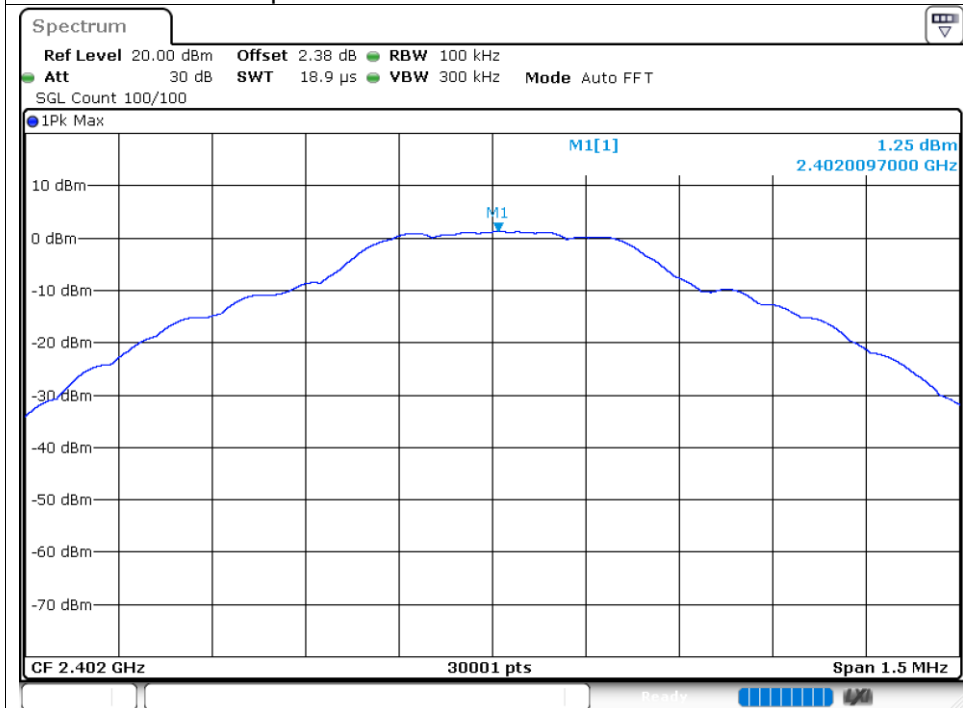
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47605 GHz	0.52 dBm		
M2	1		2.4835 GHz	-53.83 dBm		
M3	1		2.5 GHz	-53.87 dBm		
M4	1		2.4987 GHz	-51.60 dBm		

8.9 Conducted RF Spurious Emission

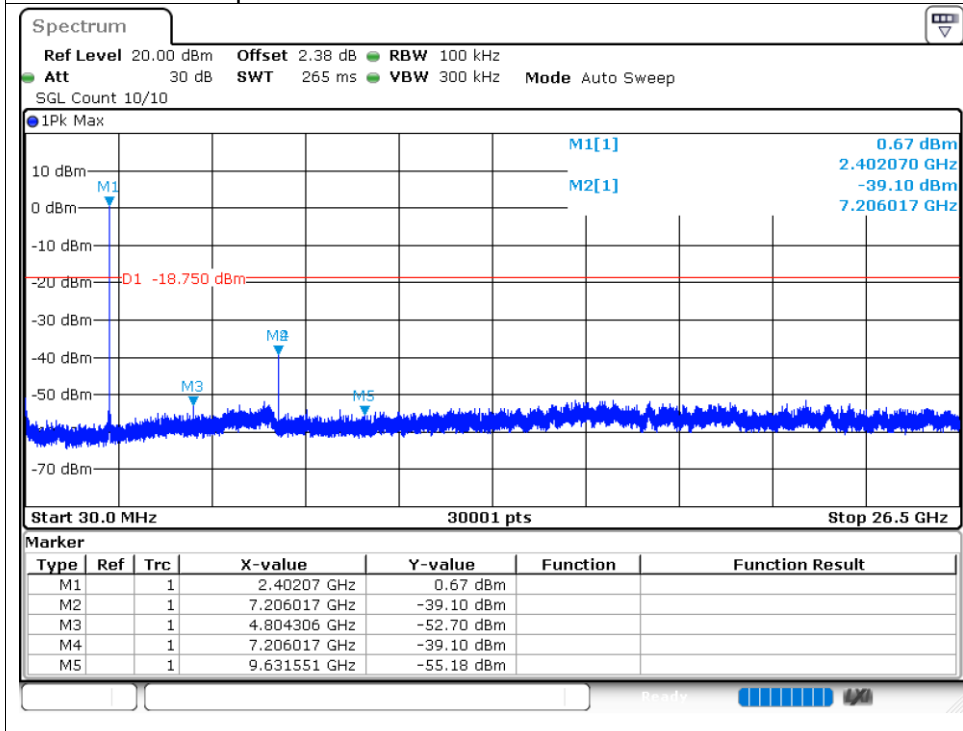
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-40.35	-20	Pass
NVNT	1-DH5	2441	Ant1	-38.25	-20	Pass
NVNT	1-DH5	2480	Ant1	-43.58	-20	Pass
NVNT	2-DH5	2402	Ant1	-52.09	-20	Pass
NVNT	2-DH5	2441	Ant1	-48.78	-20	Pass
NVNT	2-DH5	2480	Ant1	-48.05	-20	Pass
NVNT	3-DH5	2402	Ant1	-53.48	-20	Pass
NVNT	3-DH5	2441	Ant1	-49.93	-20	Pass
NVNT	3-DH5	2480	Ant1	-49.26	-20	Pass

Test Graphs

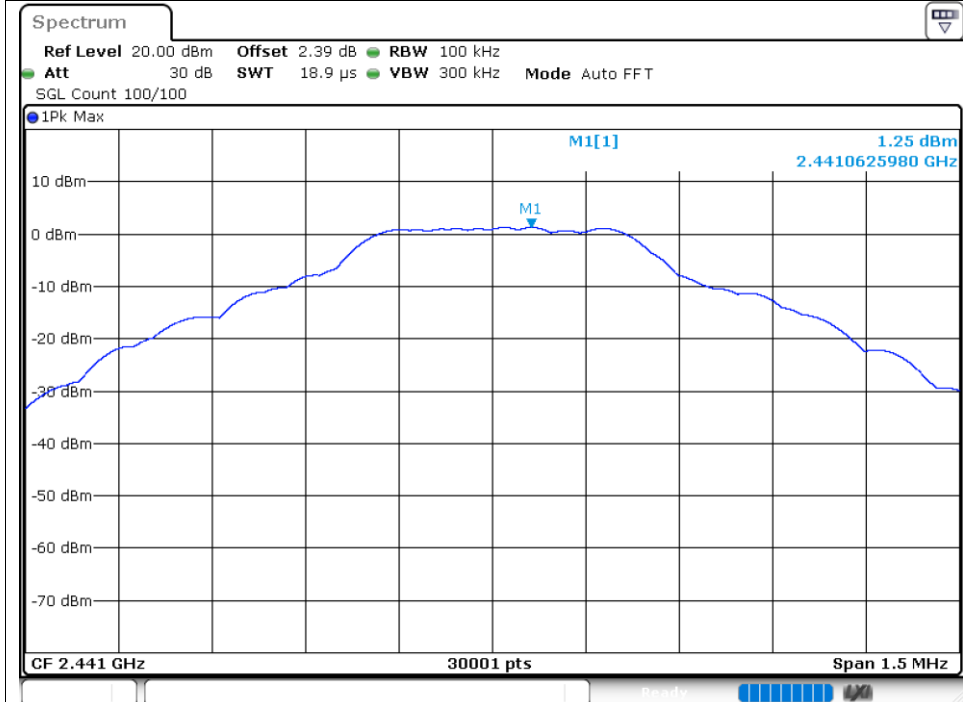
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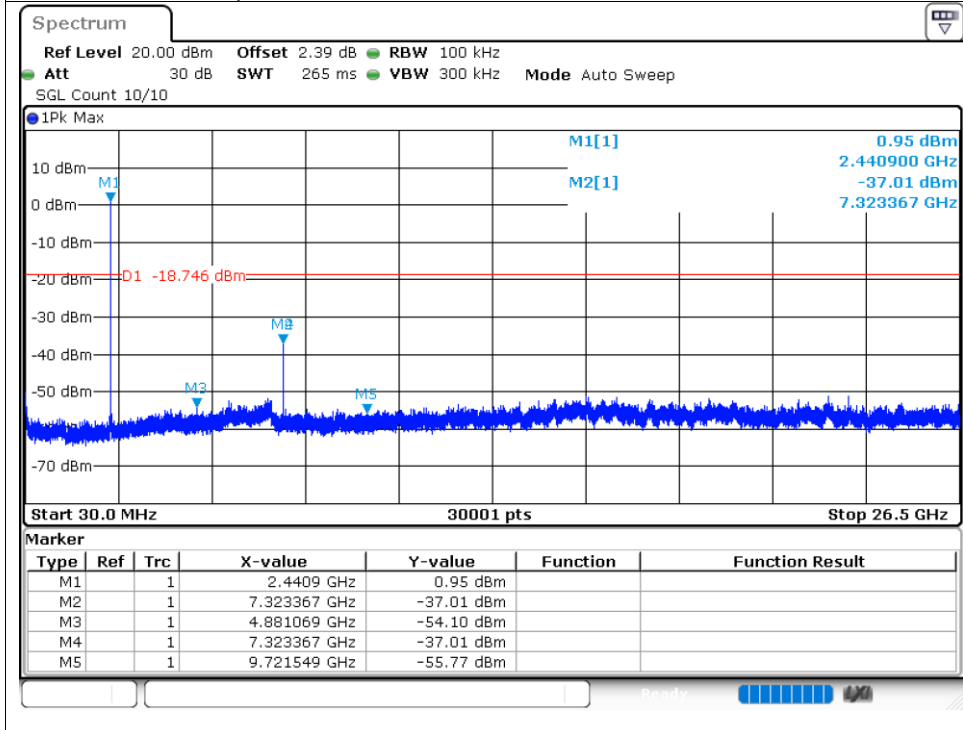
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

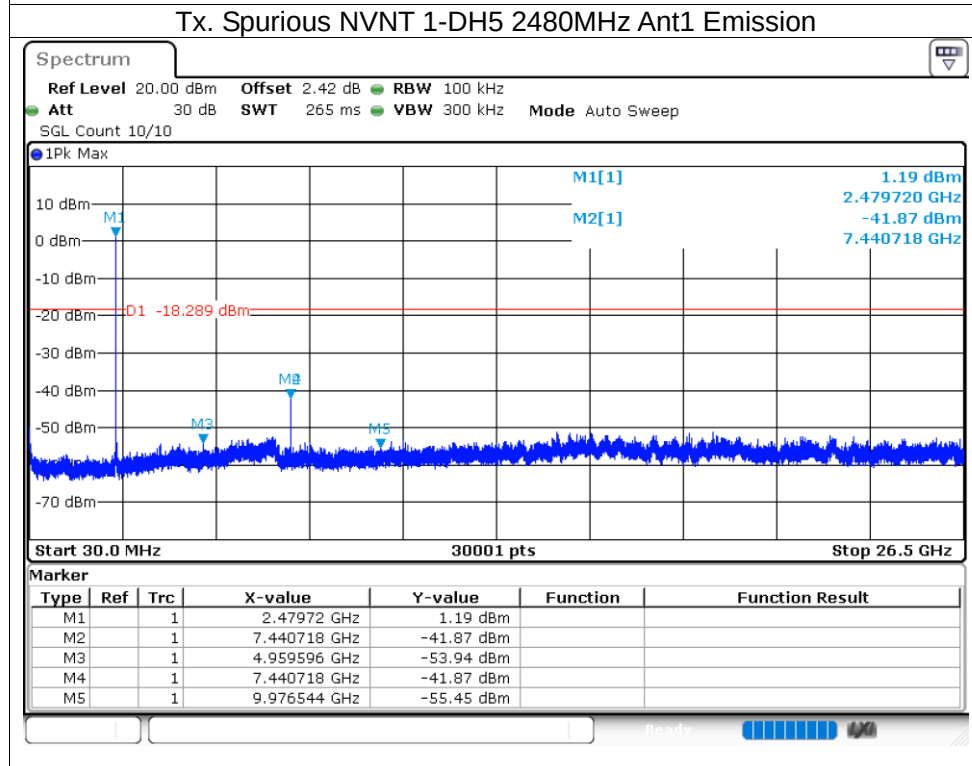
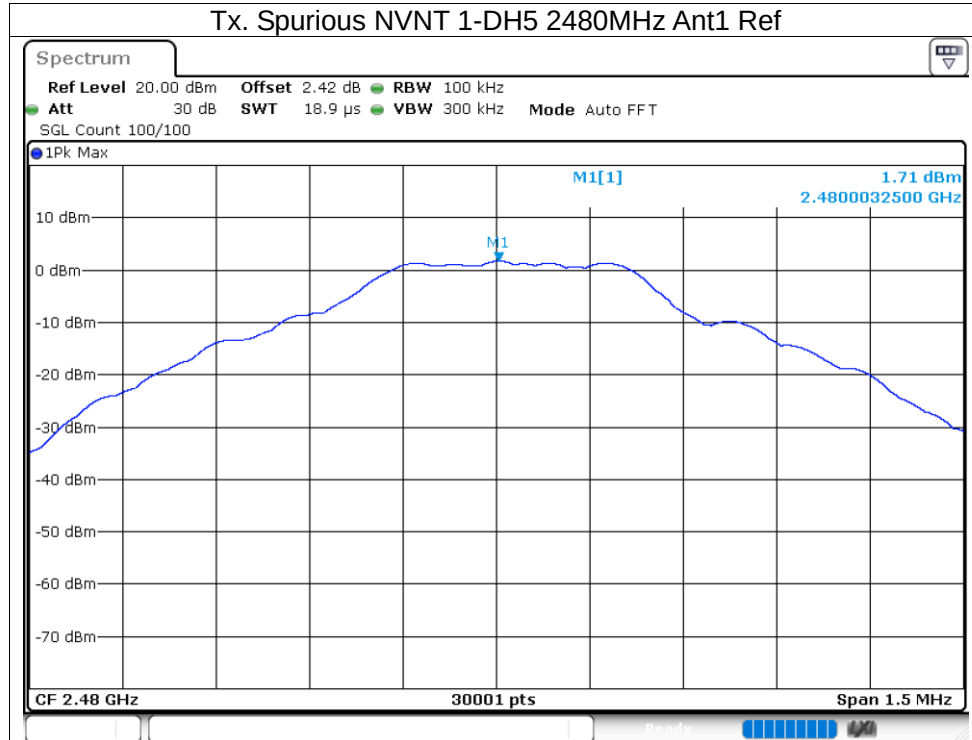


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

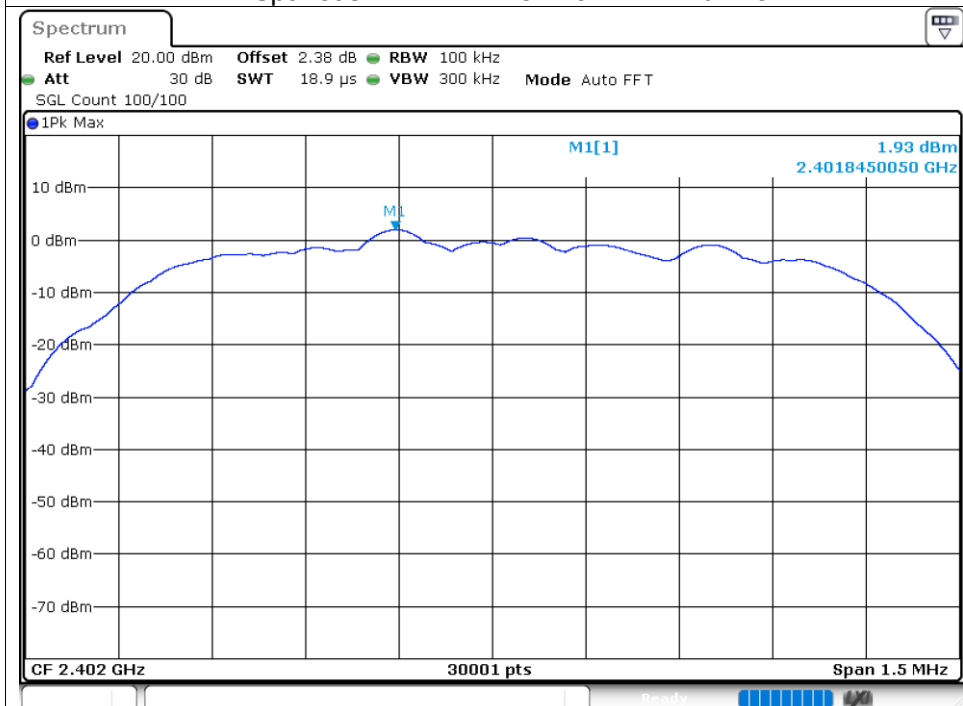


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

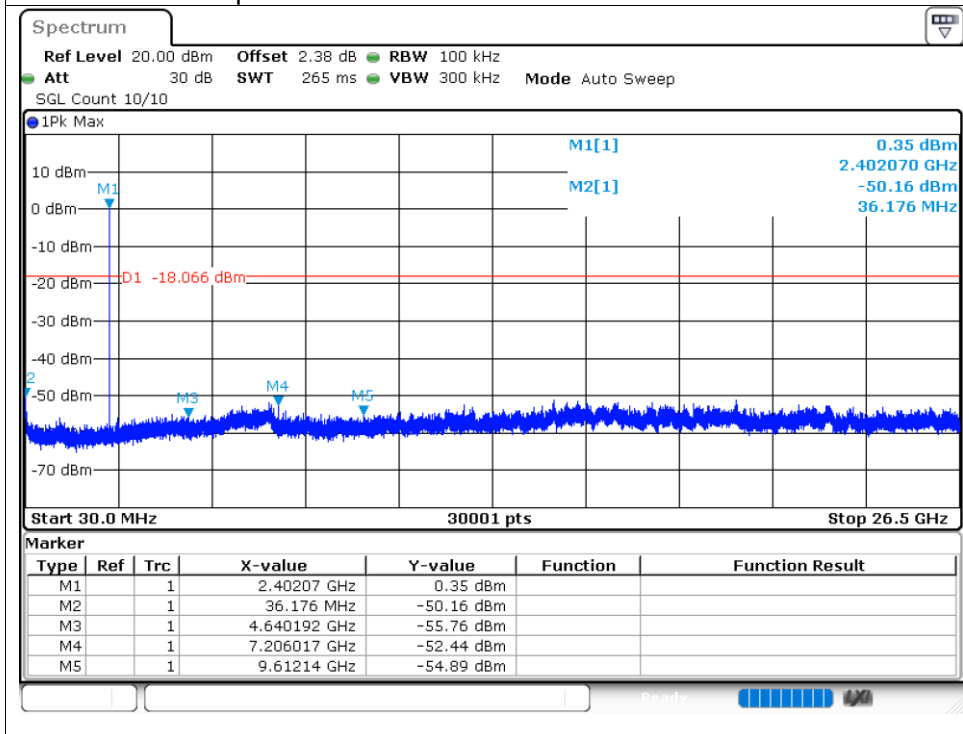




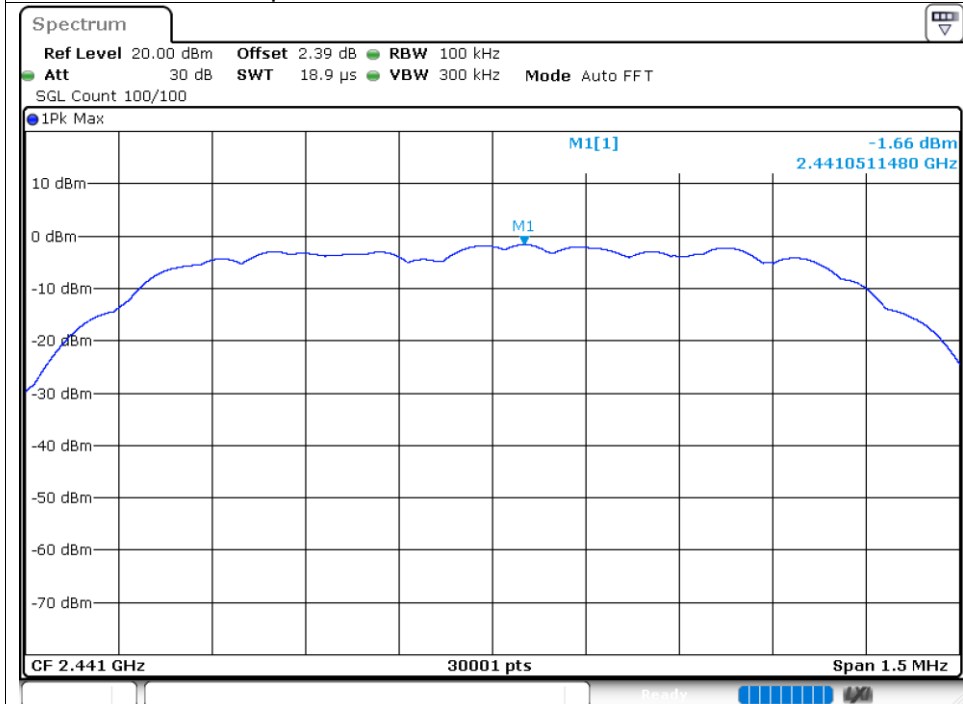
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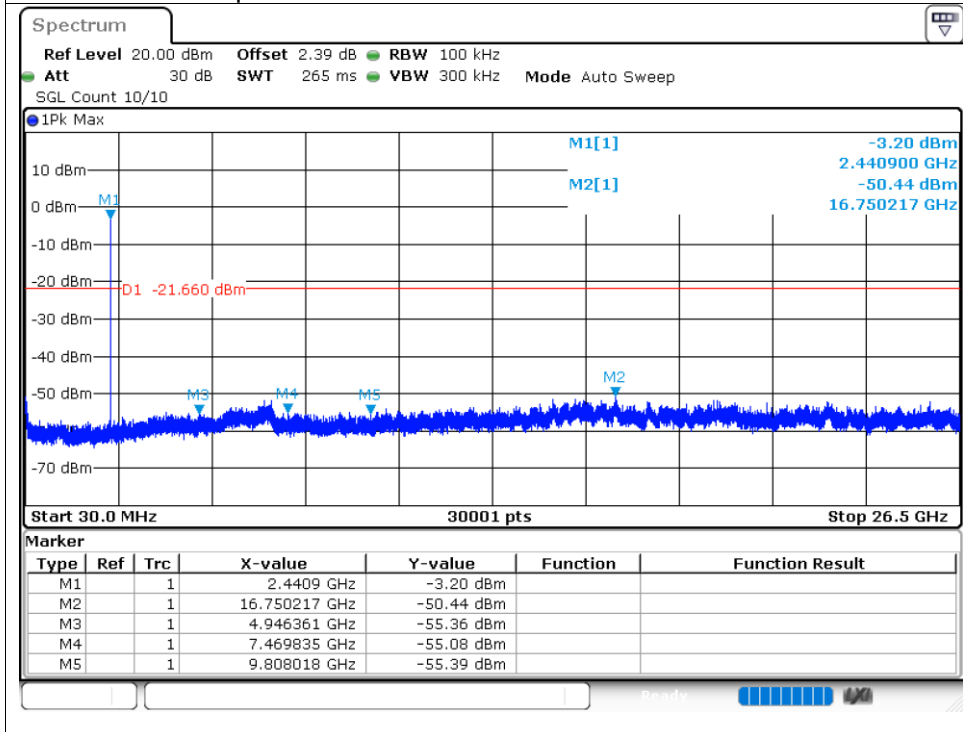
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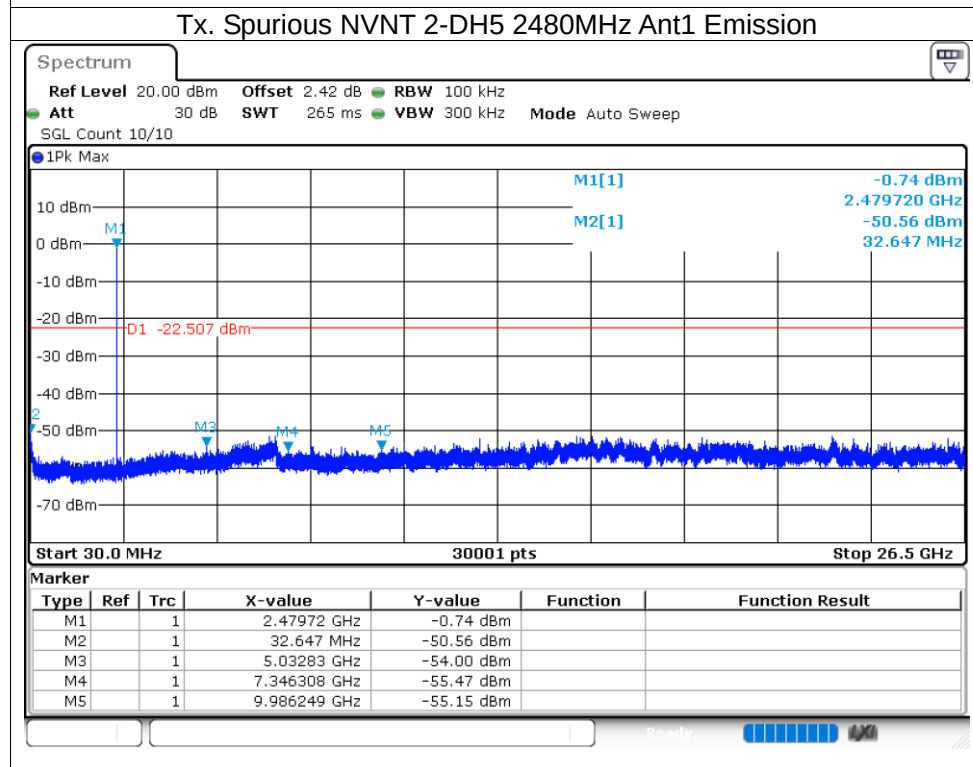
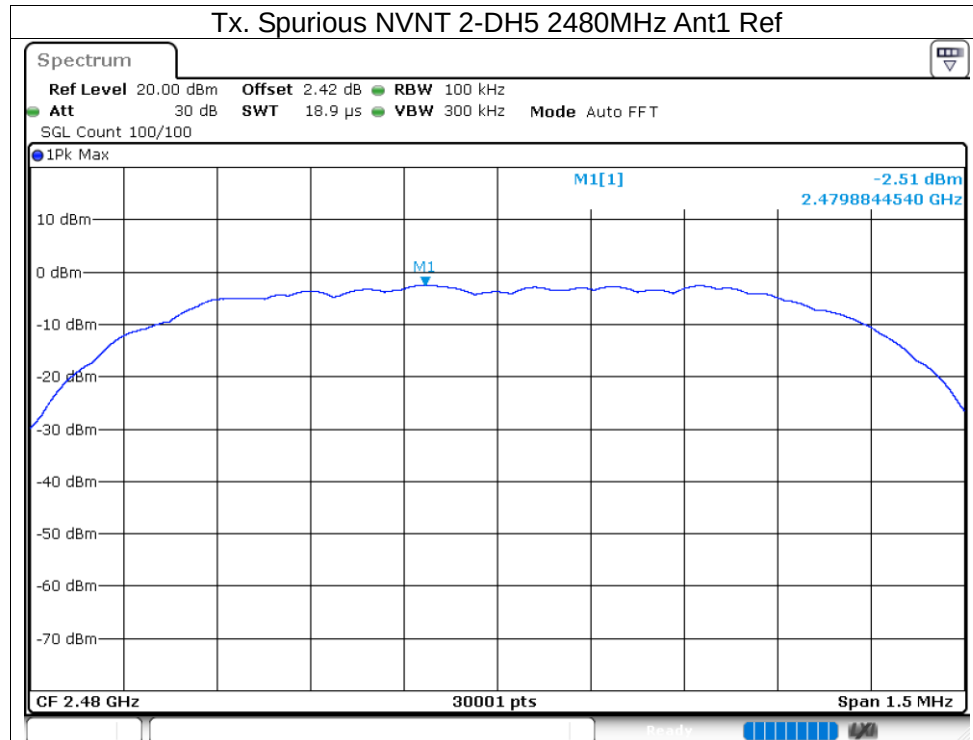


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

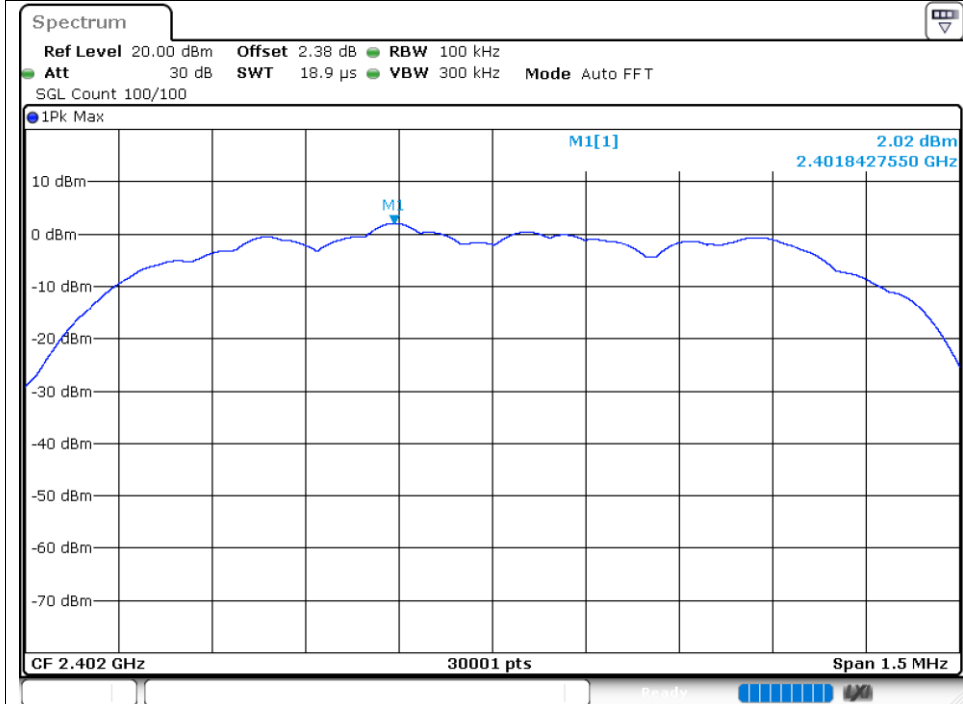


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

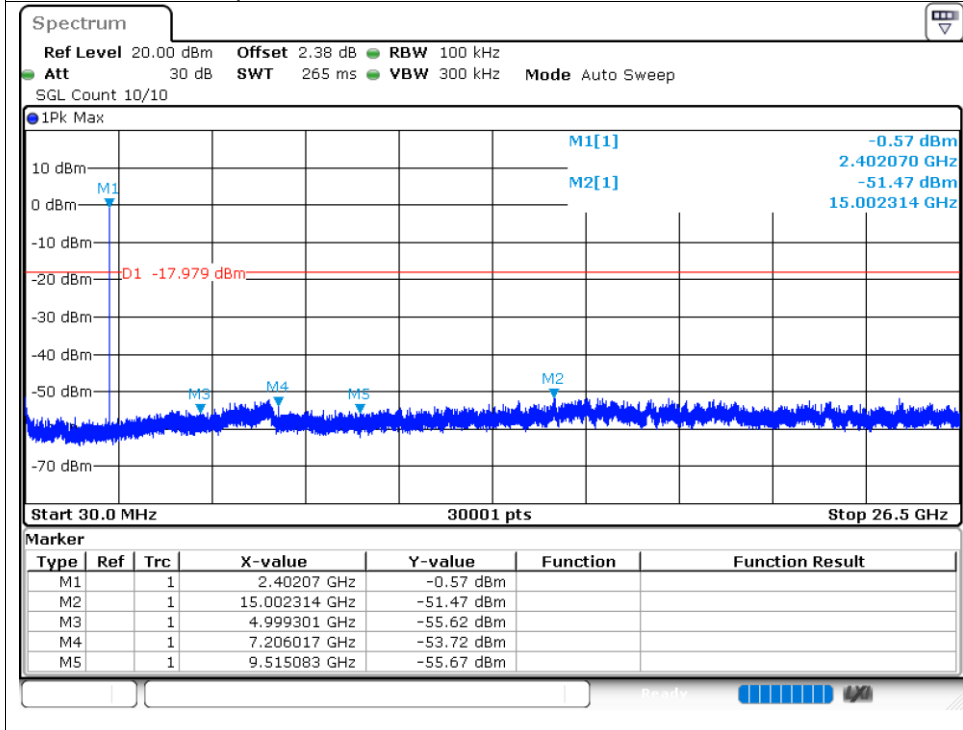




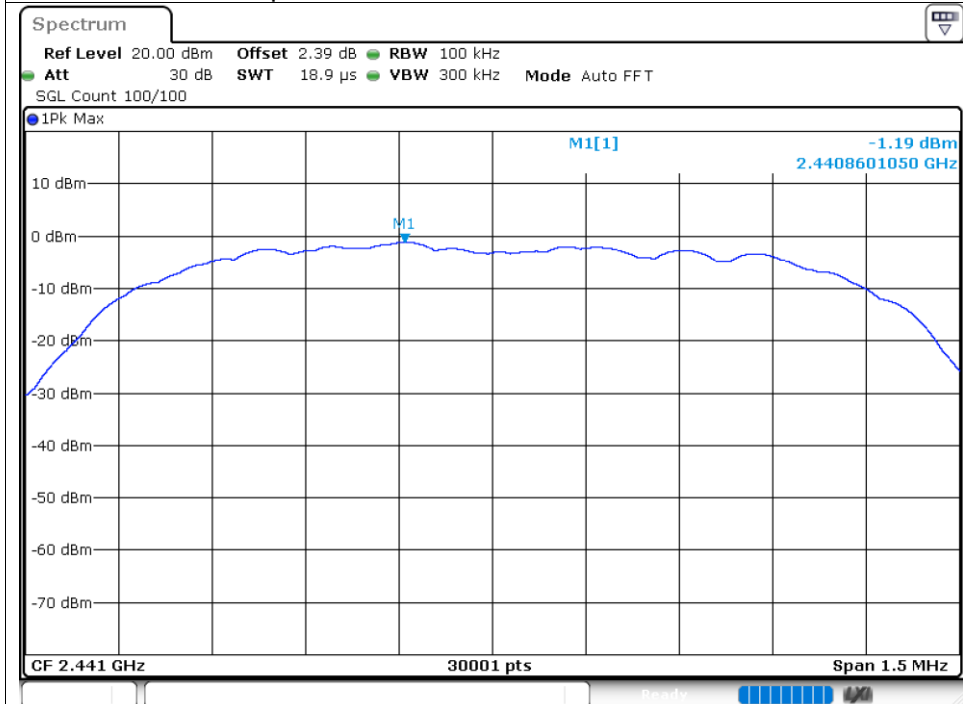
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



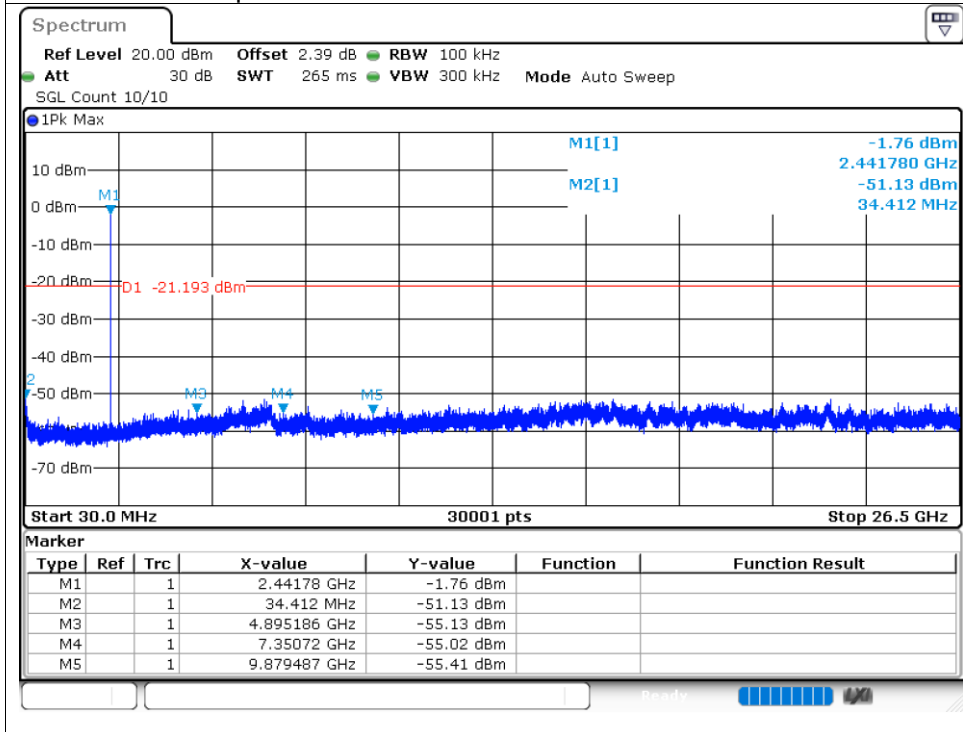
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

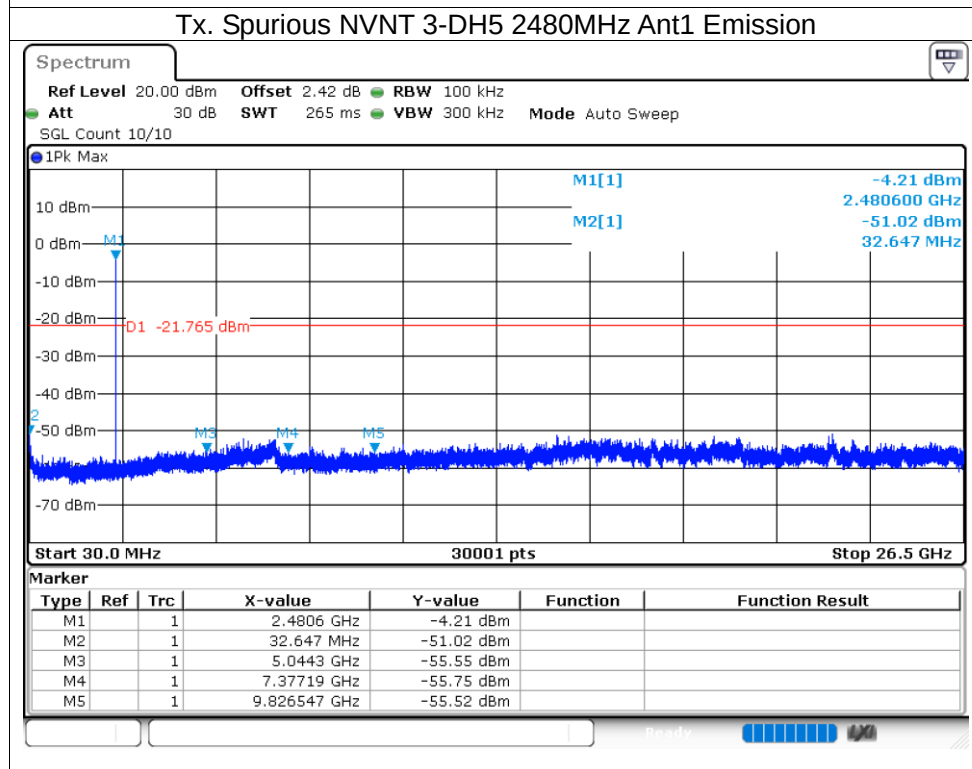
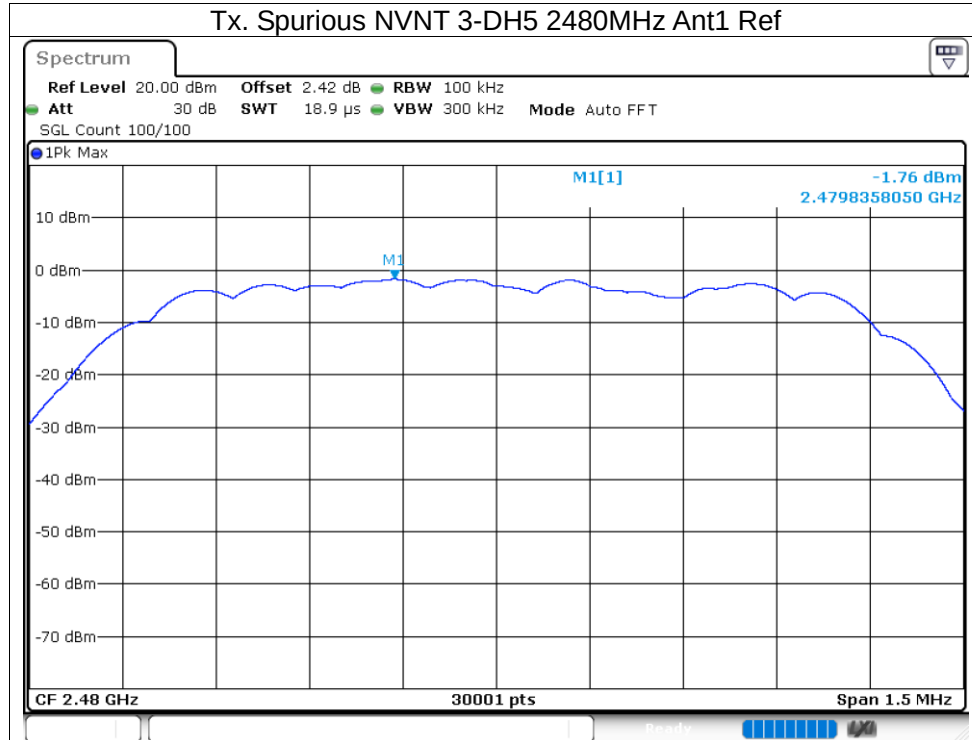


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission





END OF REPORT