

8.8 BAND EDGE(HOPPING)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-50.55	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-53.05	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-49.93	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-52.46	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-49.89	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-52.9	-20	Pass

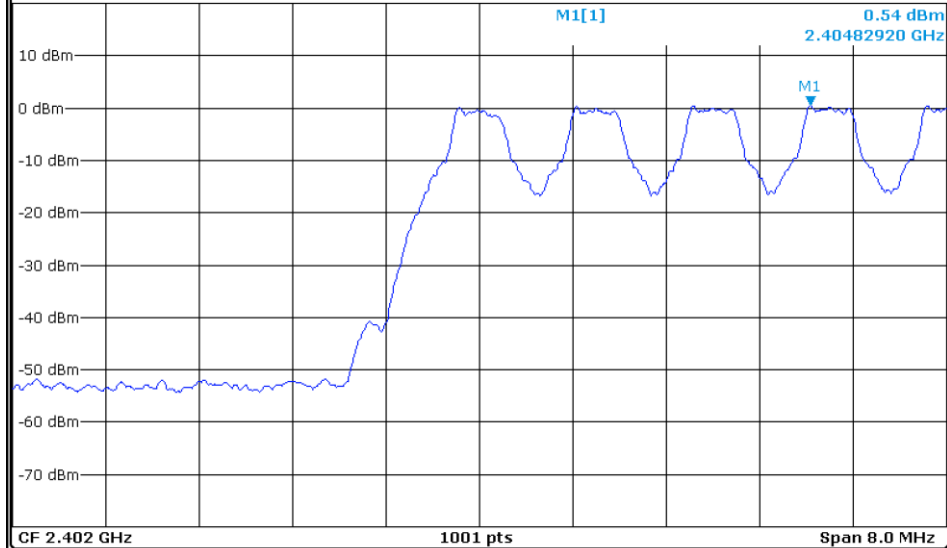
Test Graphs

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

1Pk Max

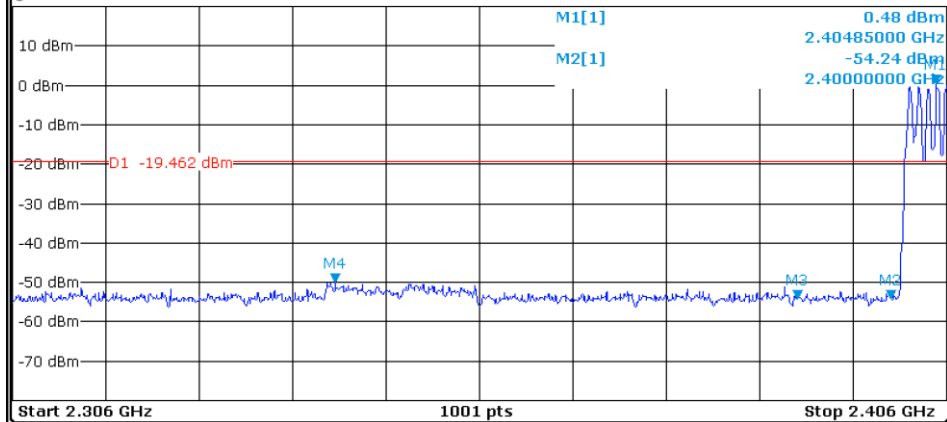


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

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

1Pk Max



Marker

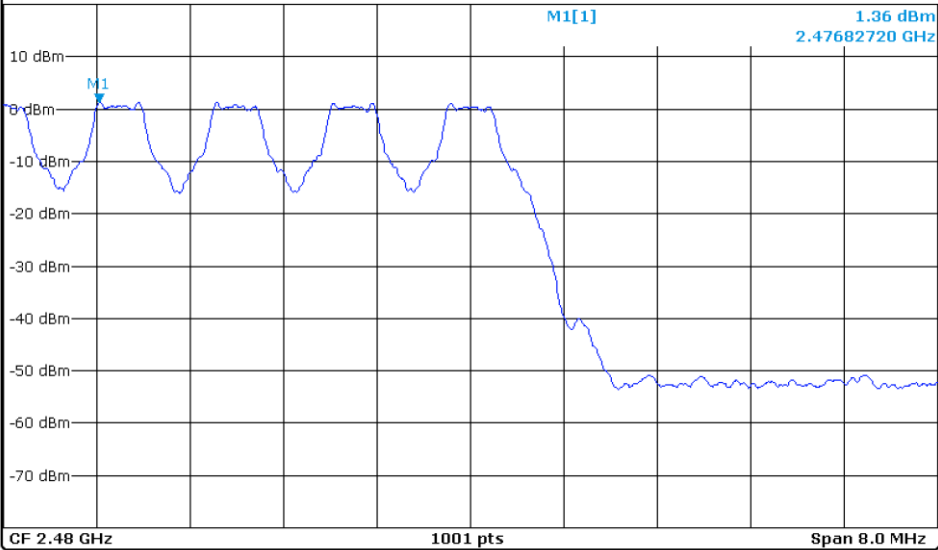
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40485 GHz	0.48 dBm		
M2	1		2.4 GHz	-54.24 dBm		
M3	1		2.39 GHz	-54.09 dBm		
M4	1		2.3406 GHz	-50.02 dBm		

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

1Pk Max

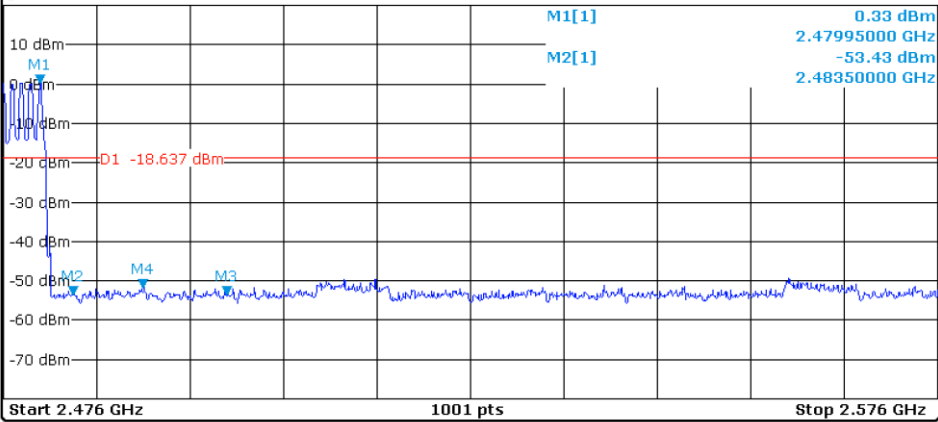


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

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

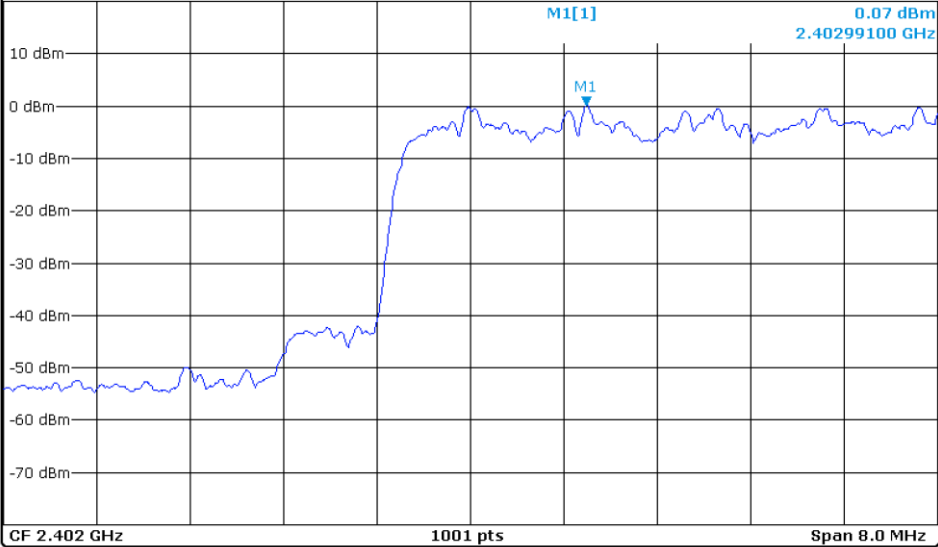
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	0.33 dBm		
M2		1	2.4835 GHz	-53.43 dBm		
M3		1	2.5 GHz	-53.57 dBm		
M4		1	2.491 GHz	-51.70 dBm		

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

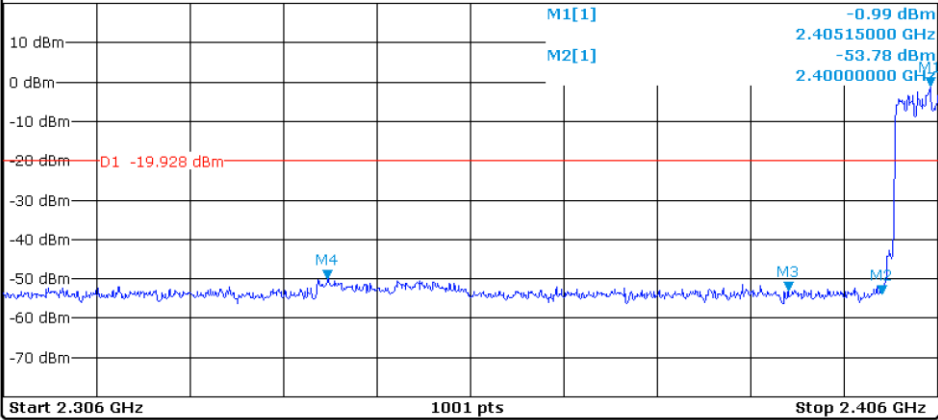


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

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

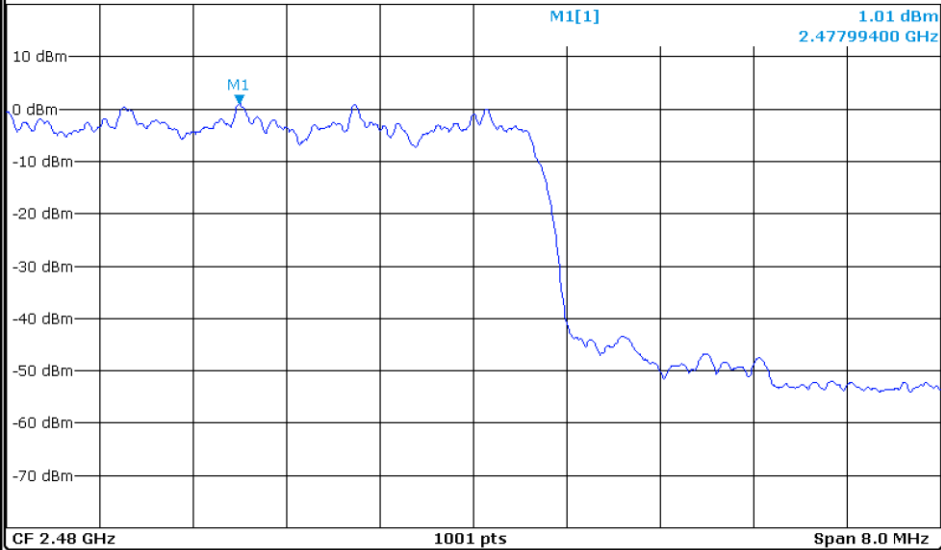
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40515 GHz	-0.99 dBm		
M2		1	2.4 GHz	-53.78 dBm		
M3		1	2.39 GHz	-53.02 dBm		
M4		1	2.3407 GHz	-49.86 dBm		

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

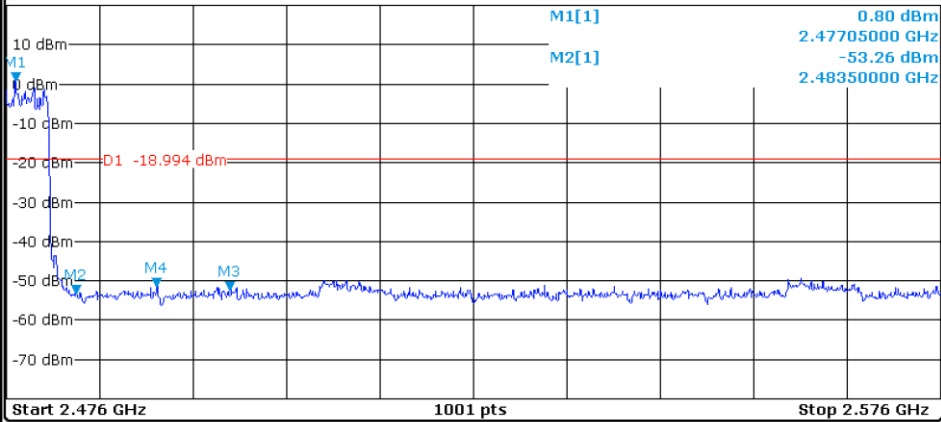


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

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

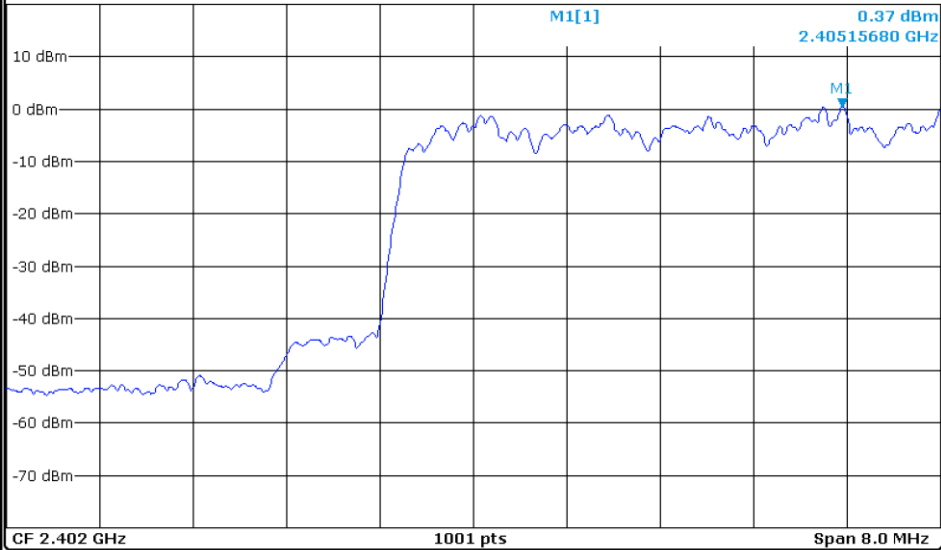
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47705 GHz	0.80 dBm		
M2		1	2.4835 GHz	-53.26 dBm		
M3		1	2.5 GHz	-52.40 dBm		
M4		1	2.4921 GHz	-51.45 dBm		

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

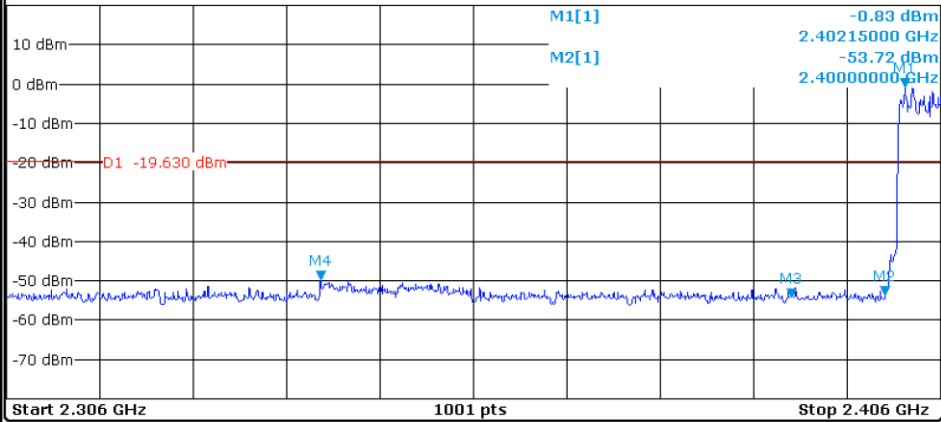


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

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

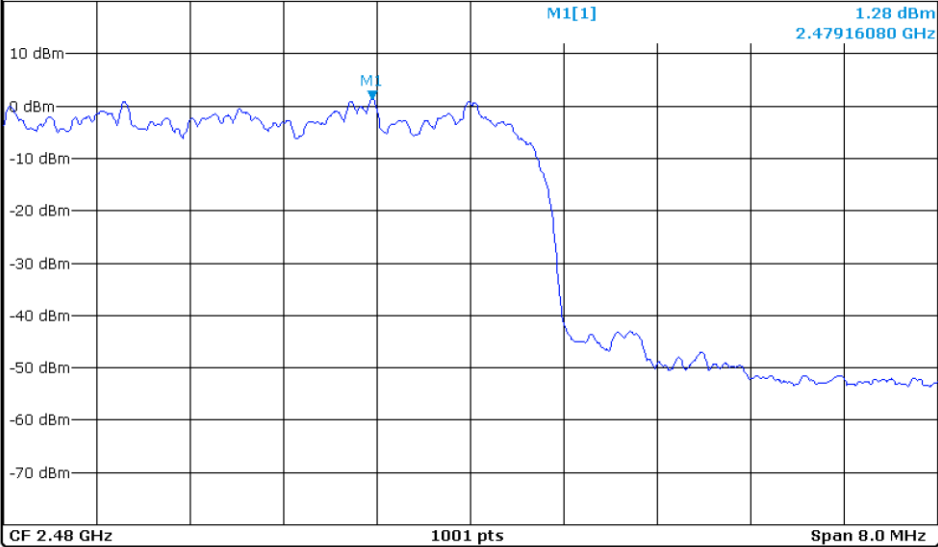
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40215 GHz	-0.83 dBm		
M2		1	2.4 GHz	-53.72 dBm		
M3		1	2.39 GHz	-54.16 dBm		
M4		1	2.3397 GHz	-49.52 dBm		

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

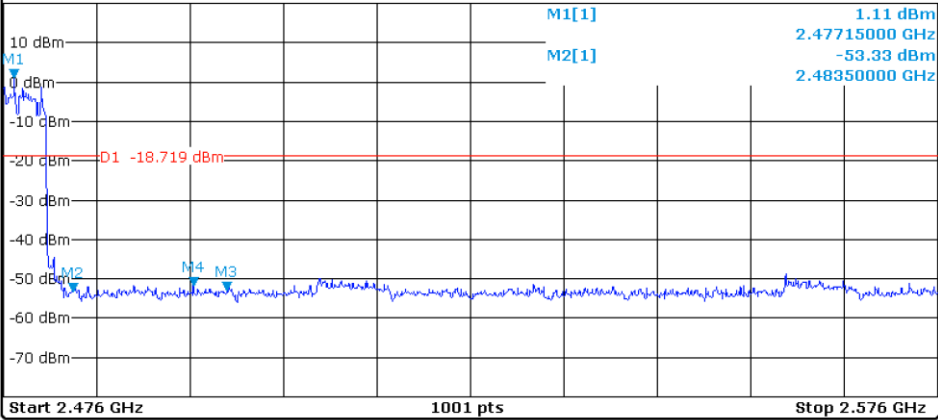


Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

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

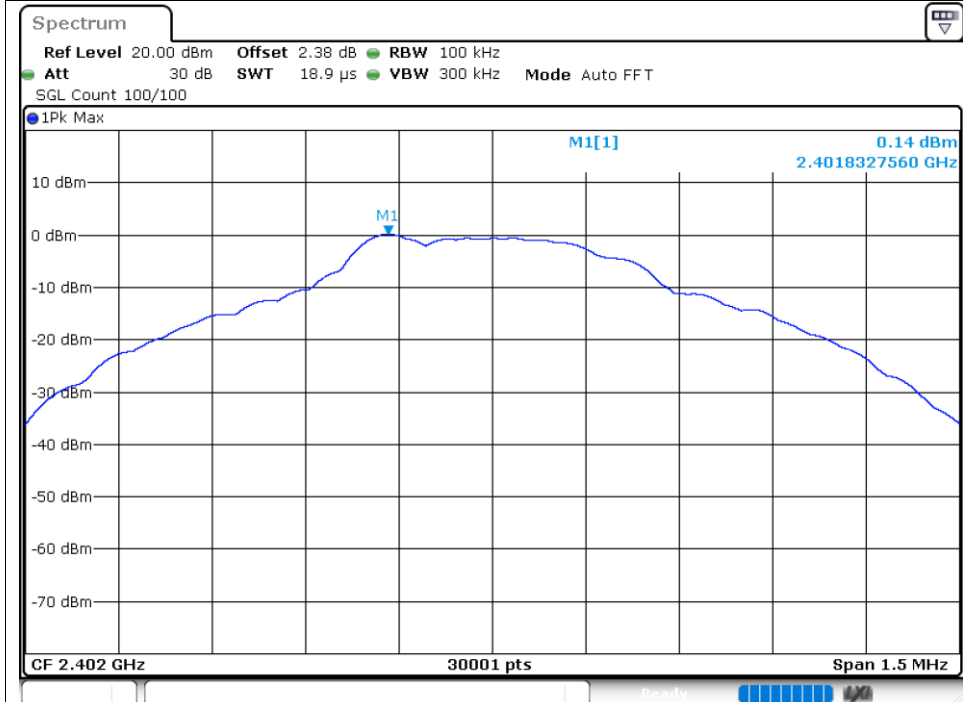
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47715 GHz	1.11 dBm		
M2	1		2.4835 GHz	-53.33 dBm		
M3	1		2.5 GHz	-53.06 dBm		
M4	1		2.4964 GHz	-51.63 dBm		

8.9 CONDUCTED RF SPURIOUS EMISSION

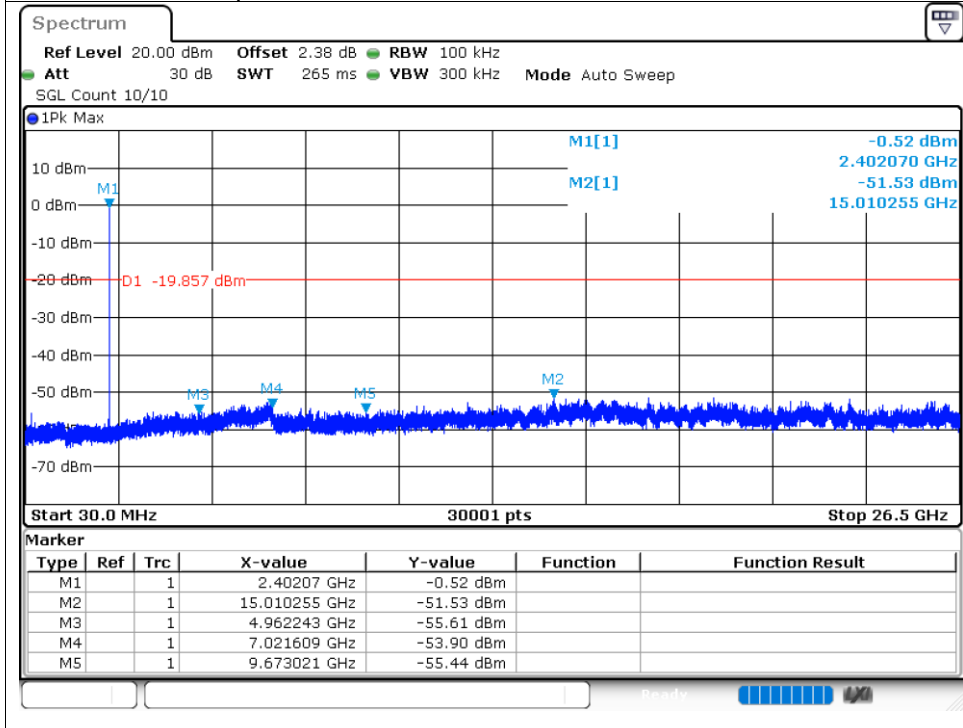
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-51.67	-20	Pass
NVNT	1-DH5	2441	Ant1	-52.4	-20	Pass
NVNT	1-DH5	2480	Ant1	-51.33	-20	Pass
NVNT	2-DH5	2402	Ant1	-50.83	-20	Pass
NVNT	2-DH5	2441	Ant1	-51.36	-20	Pass
NVNT	2-DH5	2480	Ant1	-51.52	-20	Pass
NVNT	3-DH5	2402	Ant1	-50.7	-20	Pass
NVNT	3-DH5	2441	Ant1	-52.26	-20	Pass
NVNT	3-DH5	2480	Ant1	-51.66	-20	Pass

Test Graphs

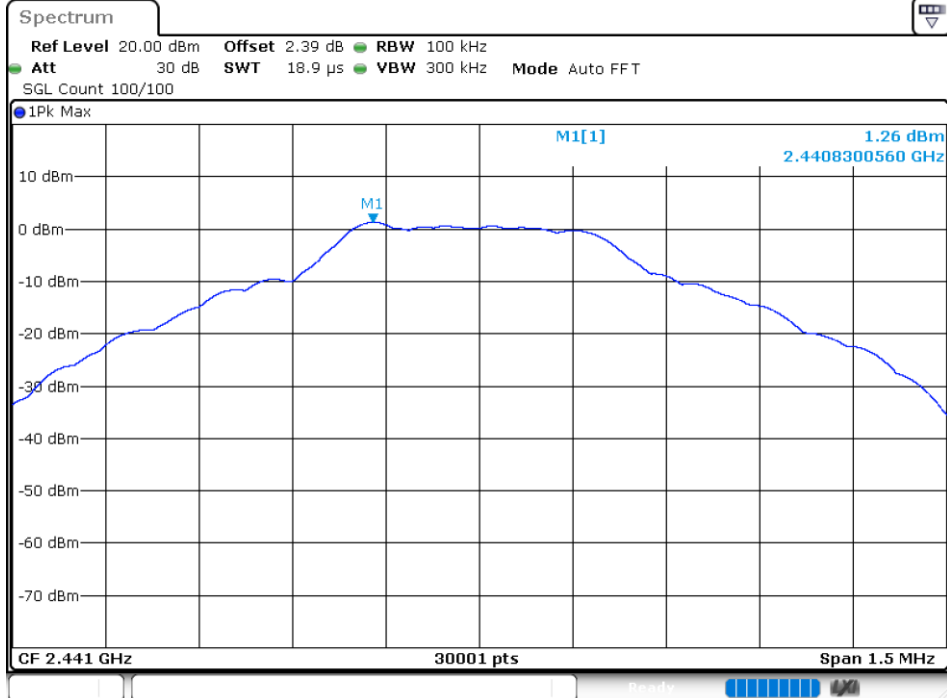
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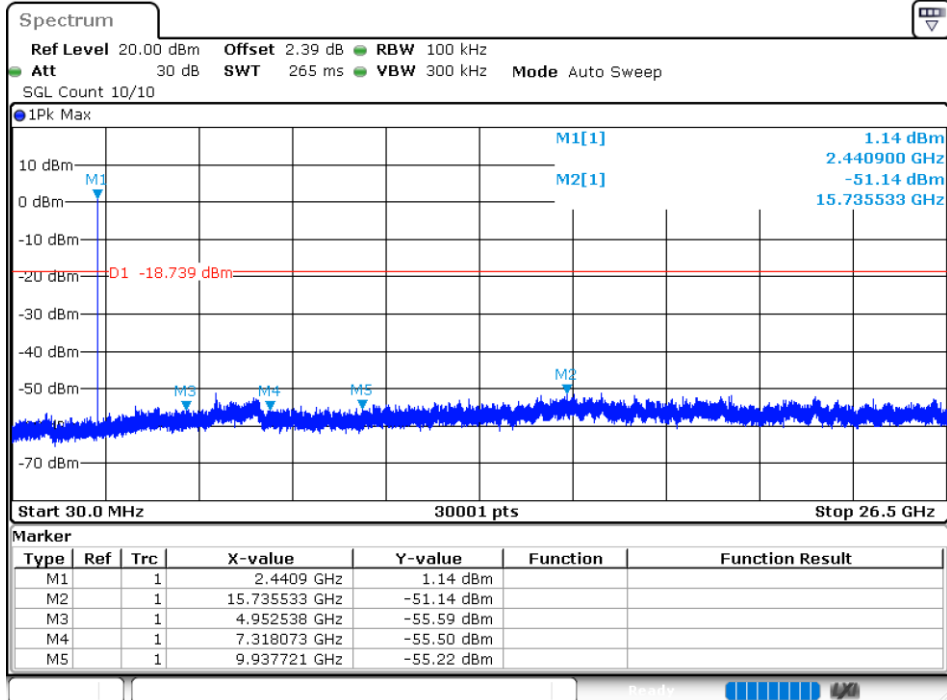
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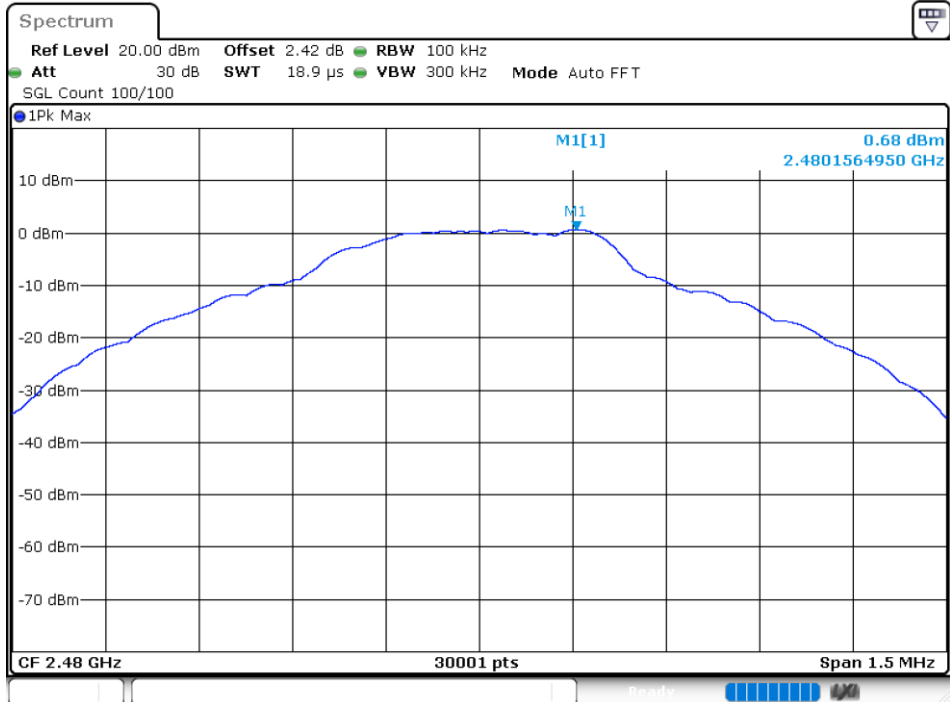
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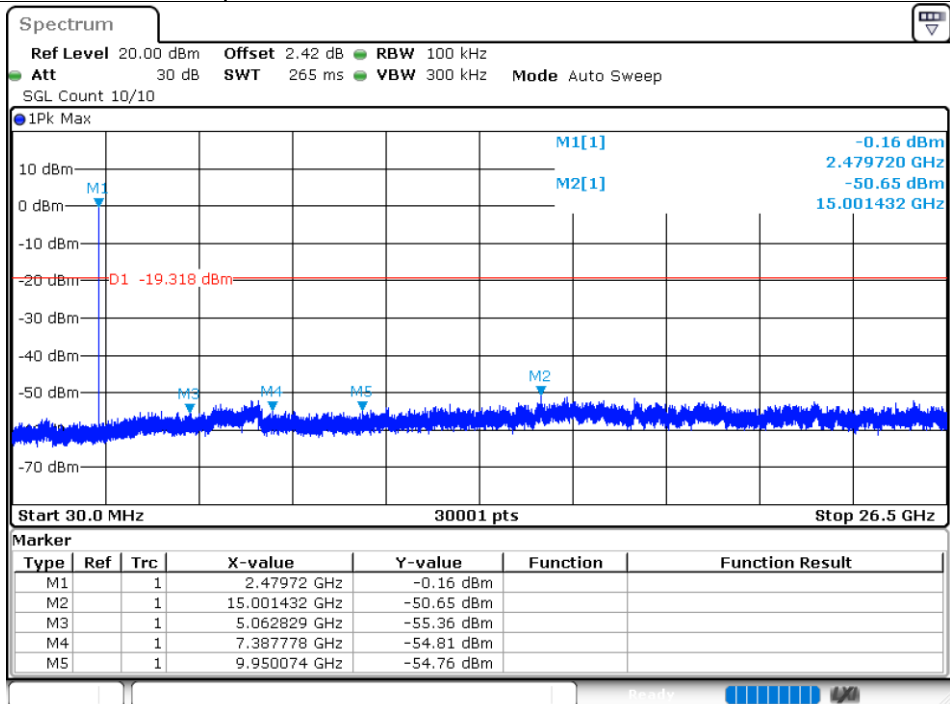
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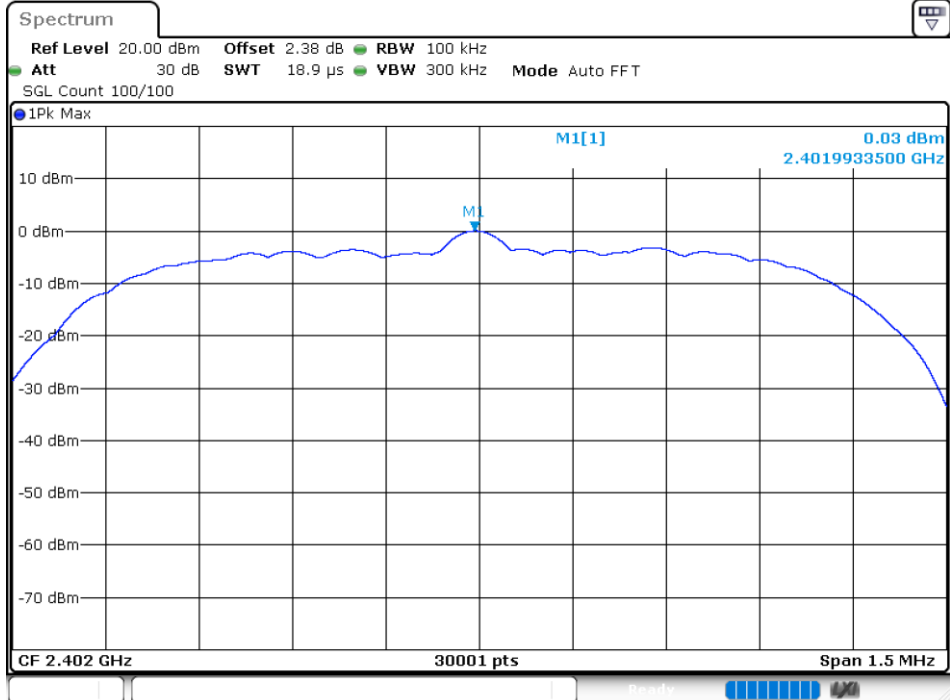
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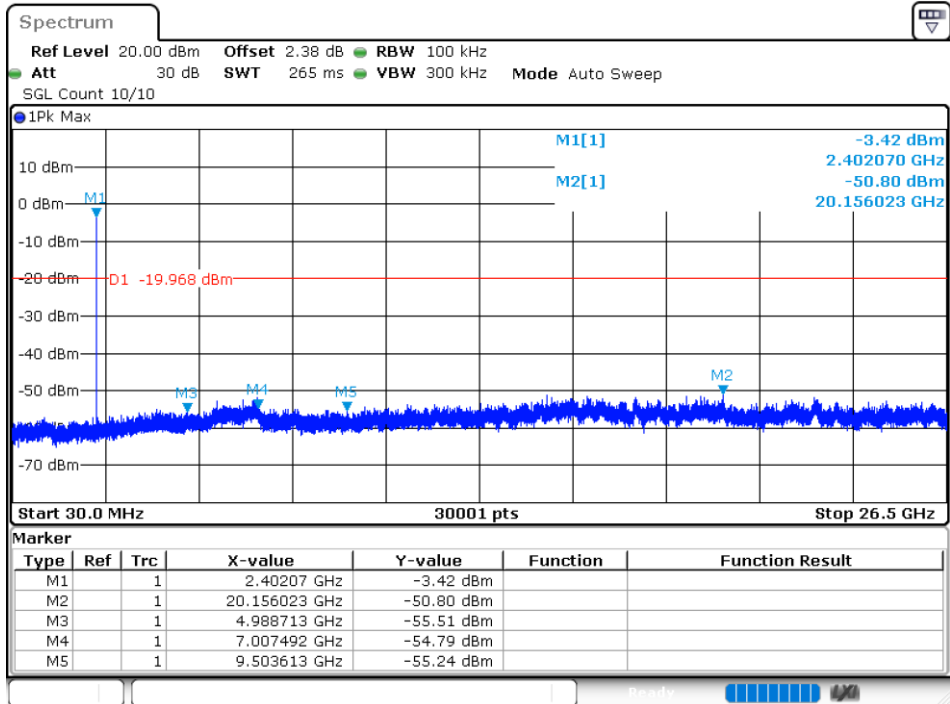
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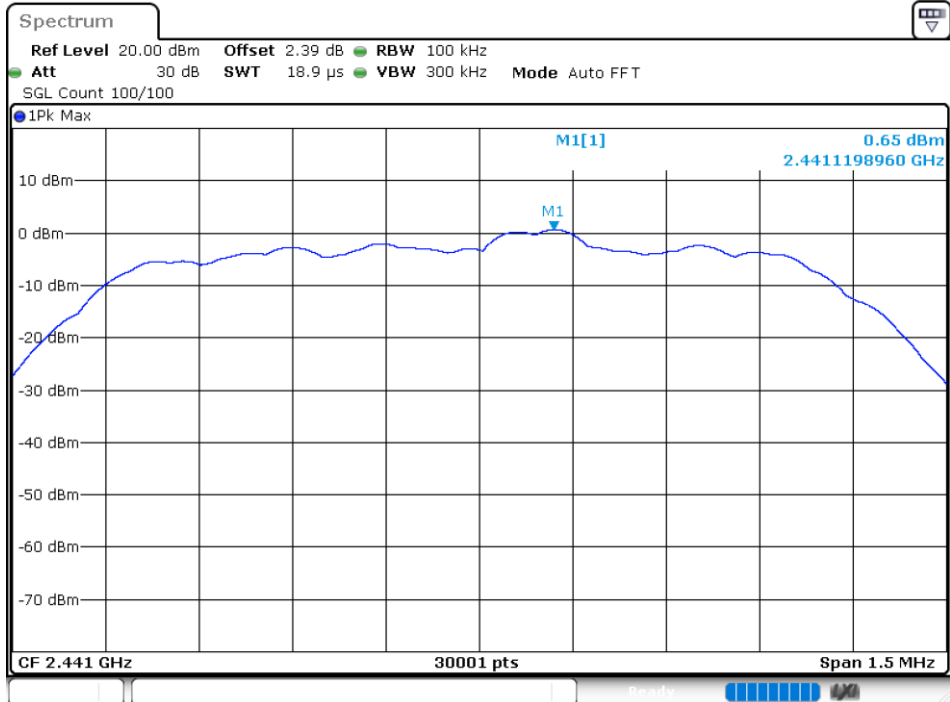
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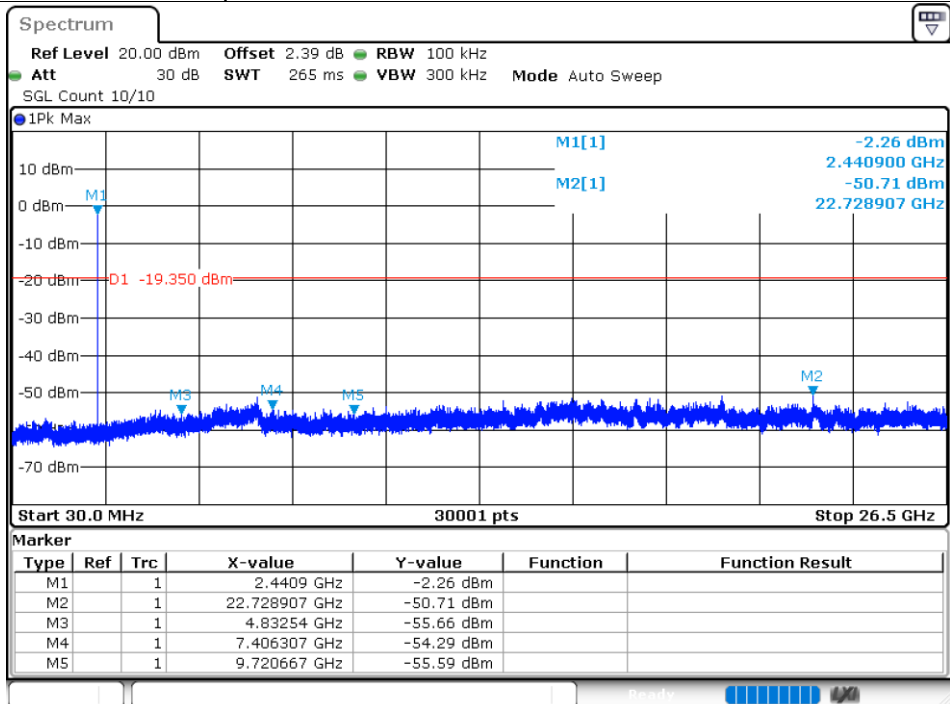
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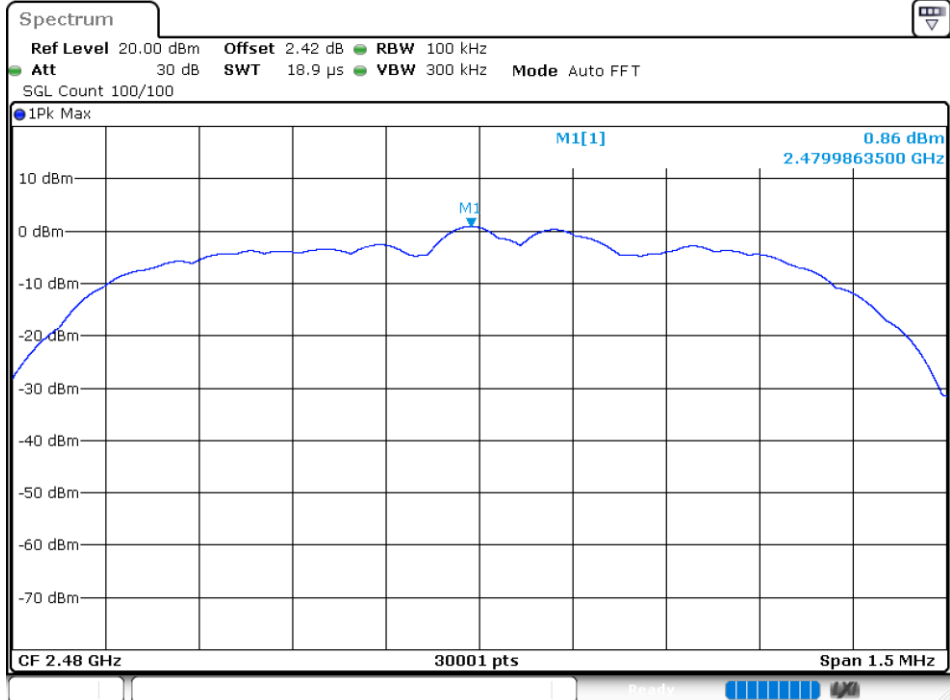
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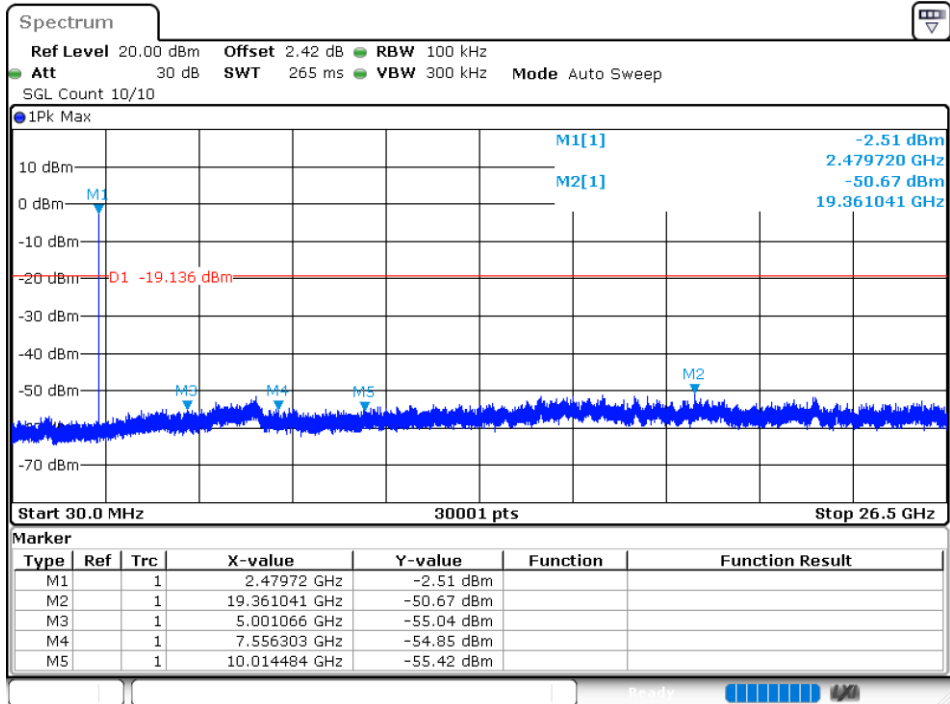
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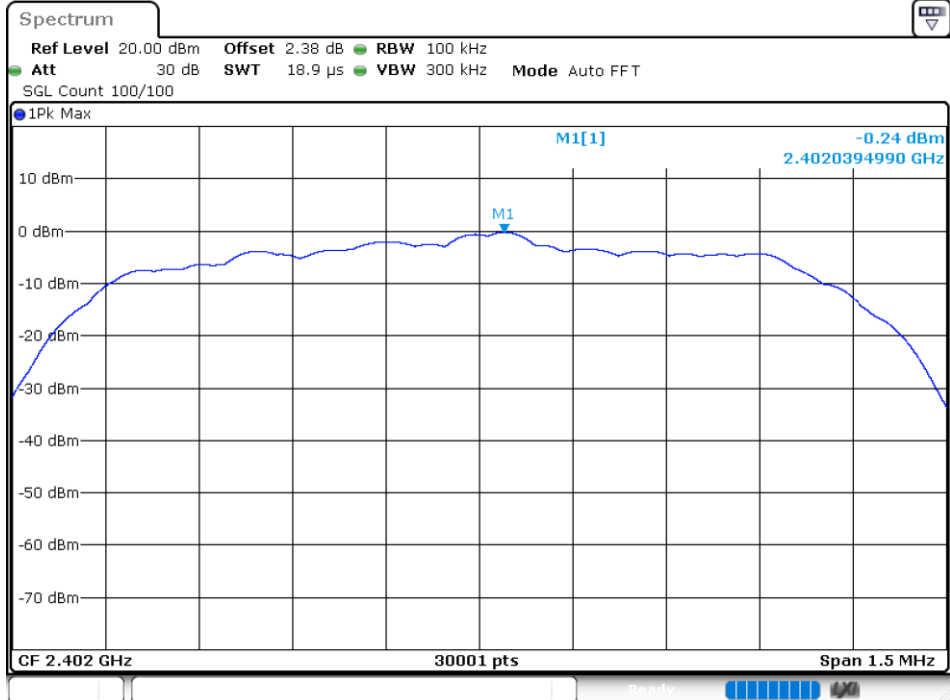
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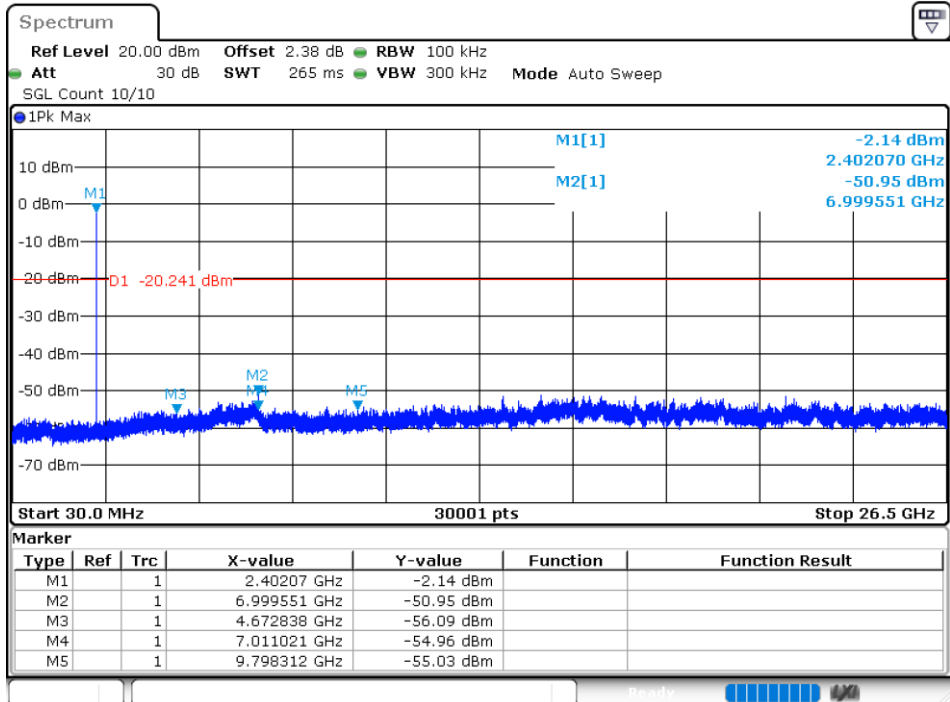
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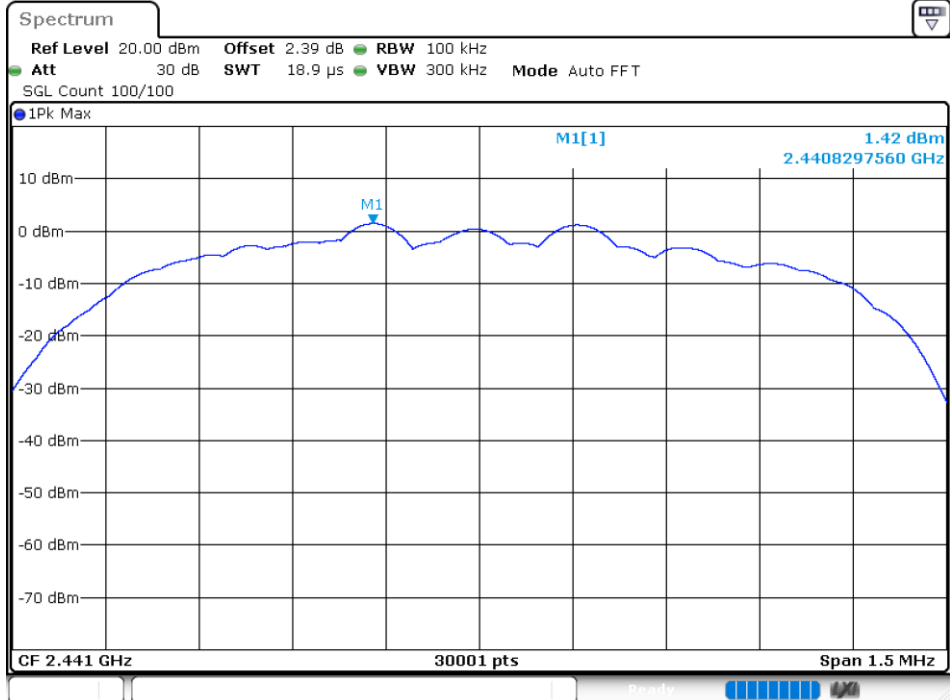
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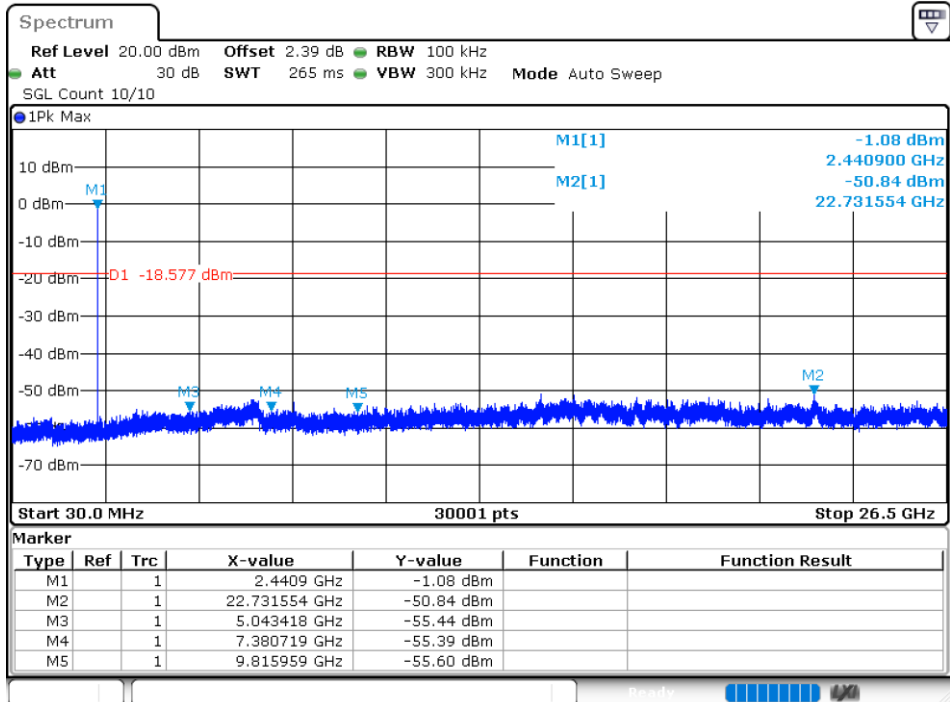
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission

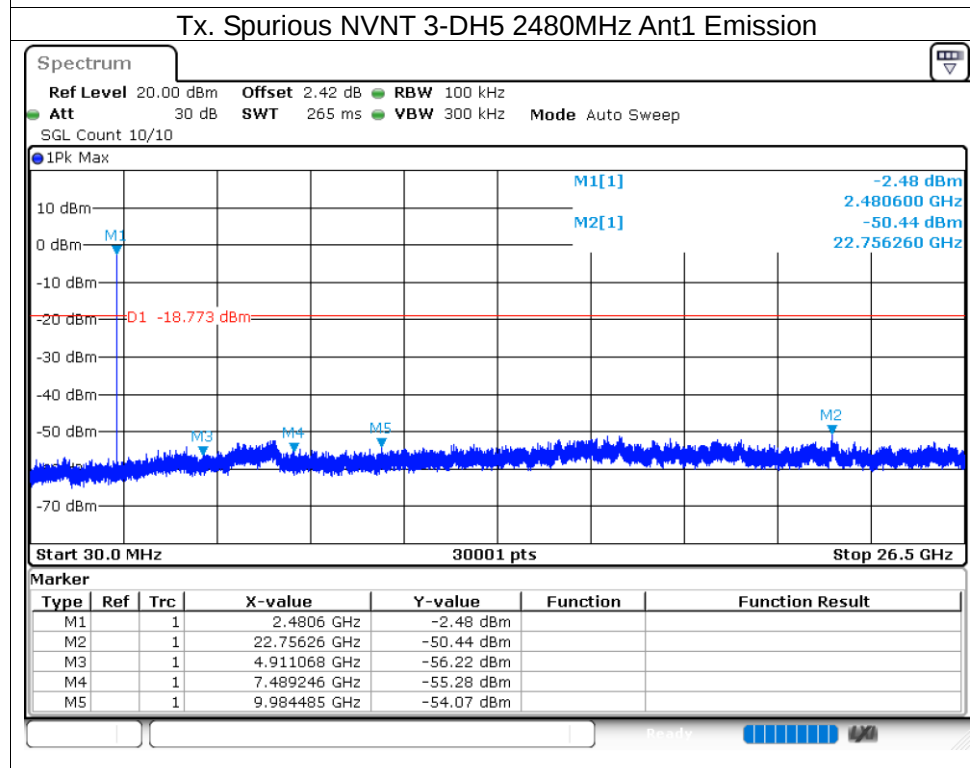
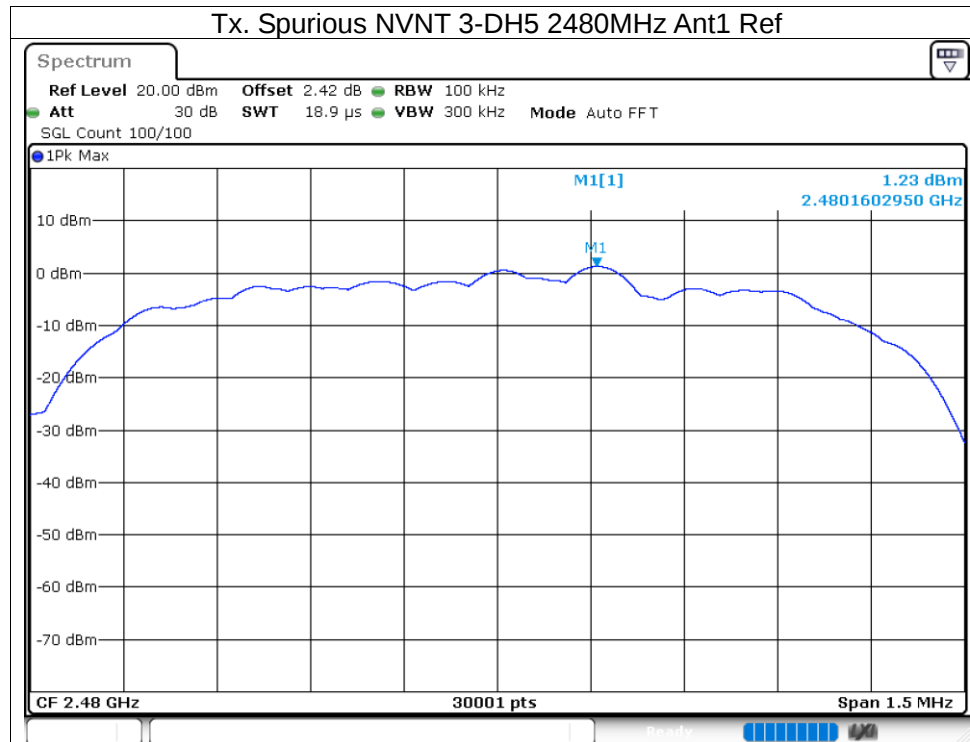


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission





END OF REPORT