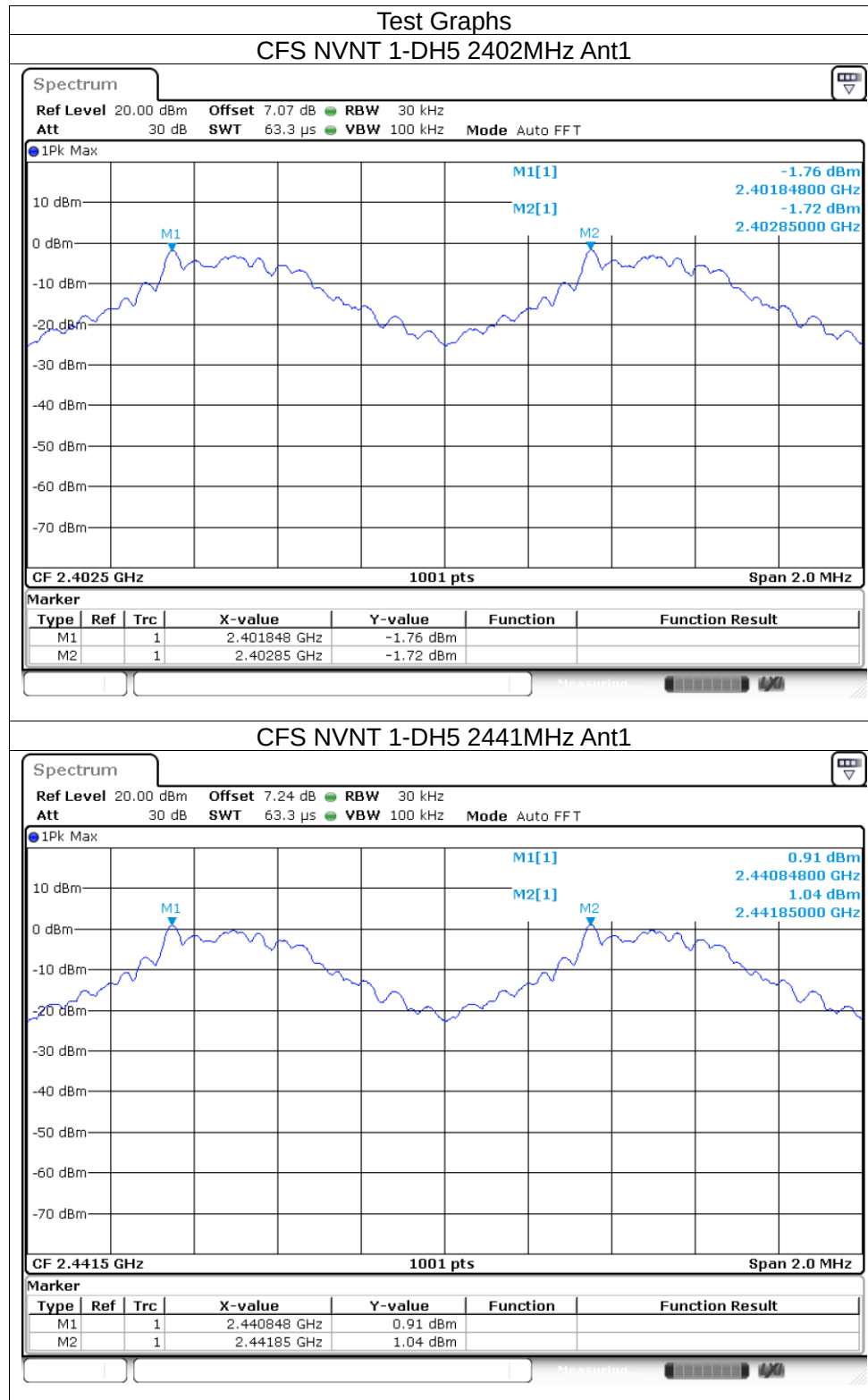
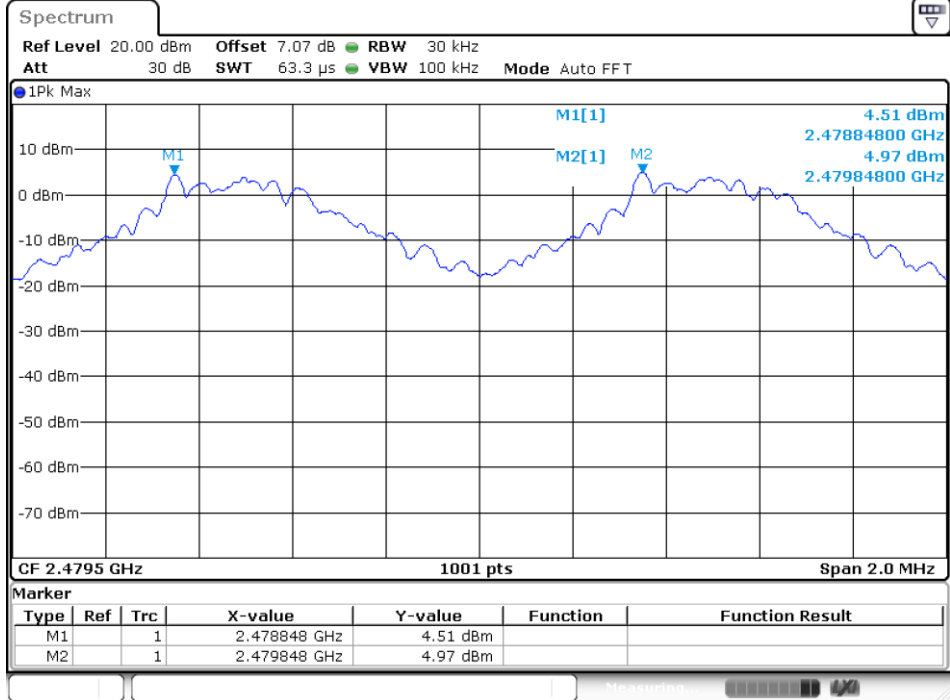


8.5 CARRIER FREQUENCIES SEPARATION

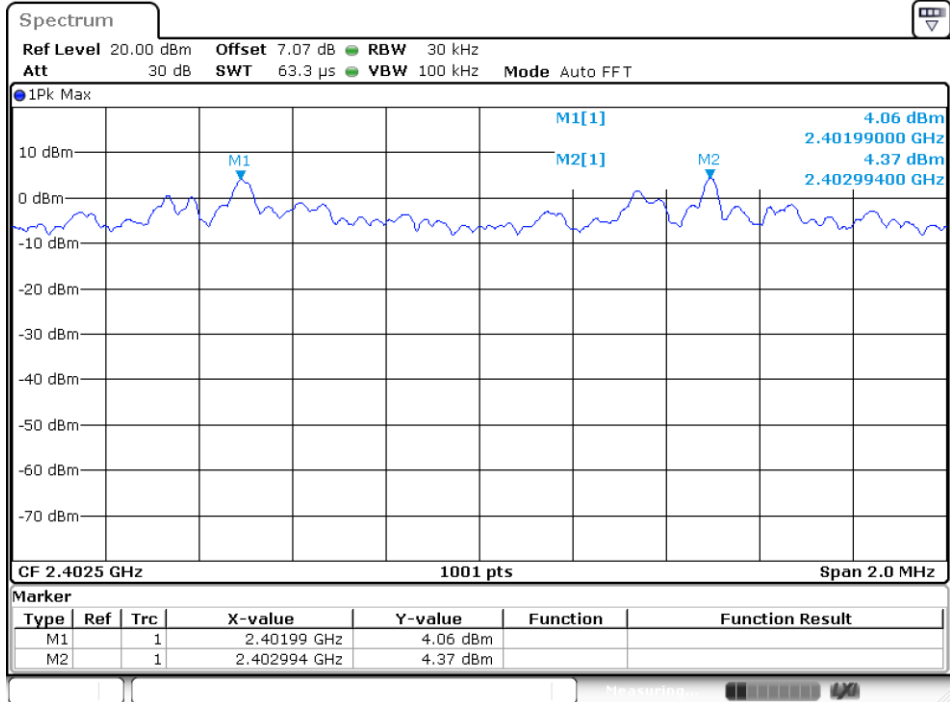
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.848	2402.85	1.002	0.621	Pass
NVNT	1-DH5	Ant1	2440.848	2441.85	1.002	0.628	Pass
NVNT	1-DH5	Ant1	2478.848	2479.848	1	0.619	Pass
NVNT	2-DH5	Ant1	2401.99	2402.994	1.004	0.887	Pass
NVNT	2-DH5	Ant1	2441.106	2442.077	0.971	0.843	Pass
NVNT	2-DH5	Ant1	2479.01	2480.062	1.052	0.821	Pass
NVNT	3-DH5	Ant1	2401.842	2402.846	1.004	0.828	Pass
NVNT	3-DH5	Ant1	2440.922	2441.855	0.933	0.833	Pass
NVNT	3-DH5	Ant1	2478.998	2479.994	0.996	0.839	Pass



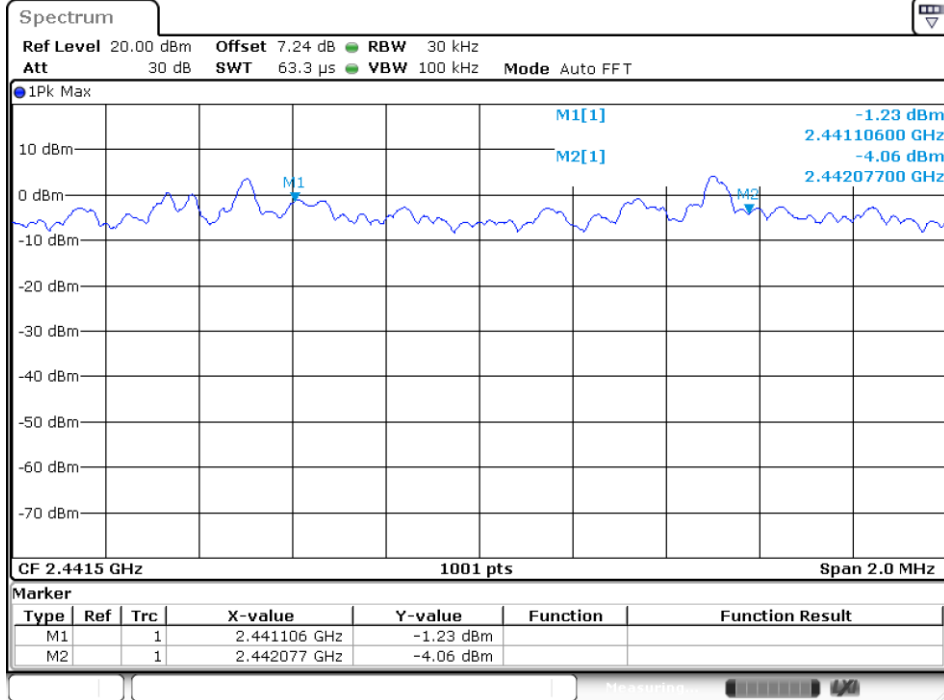
CFS NVNT 1-DH5 2480MHz Ant1



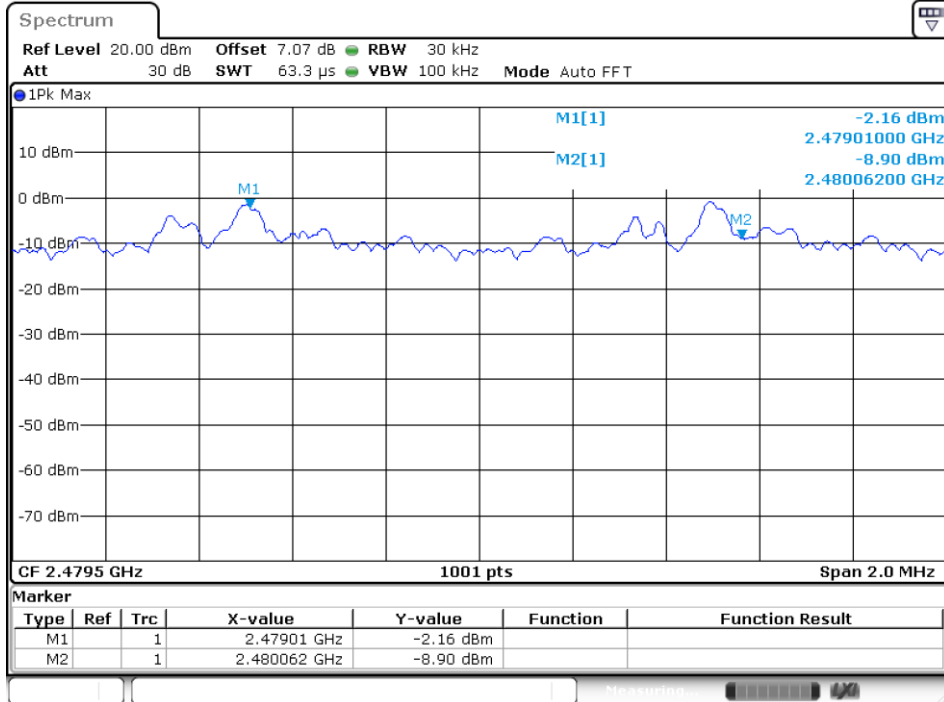
CFS NVNT 2-DH5 2402MHz Ant1



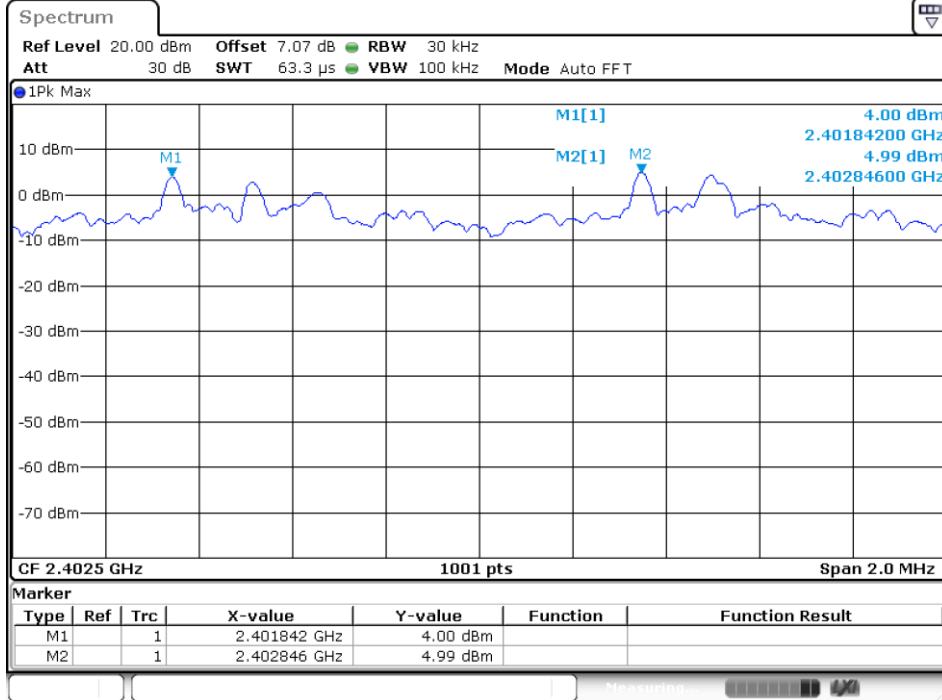
CFS NVNT 2-DH5 2441MHz Ant1



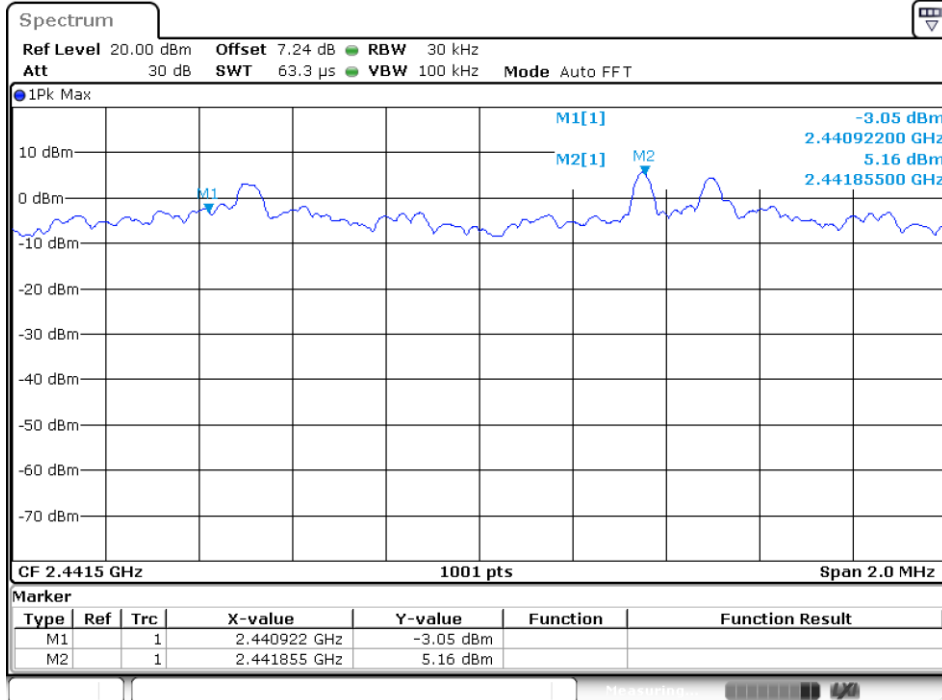
CFS NVNT 2-DH5 2480MHz Ant1

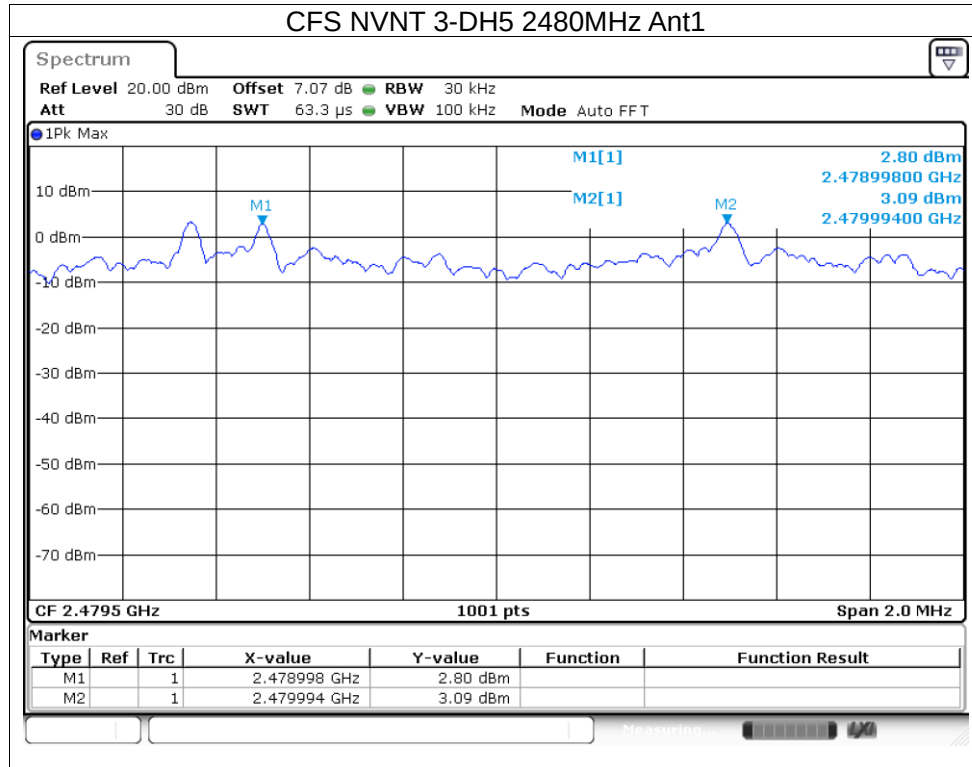


CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



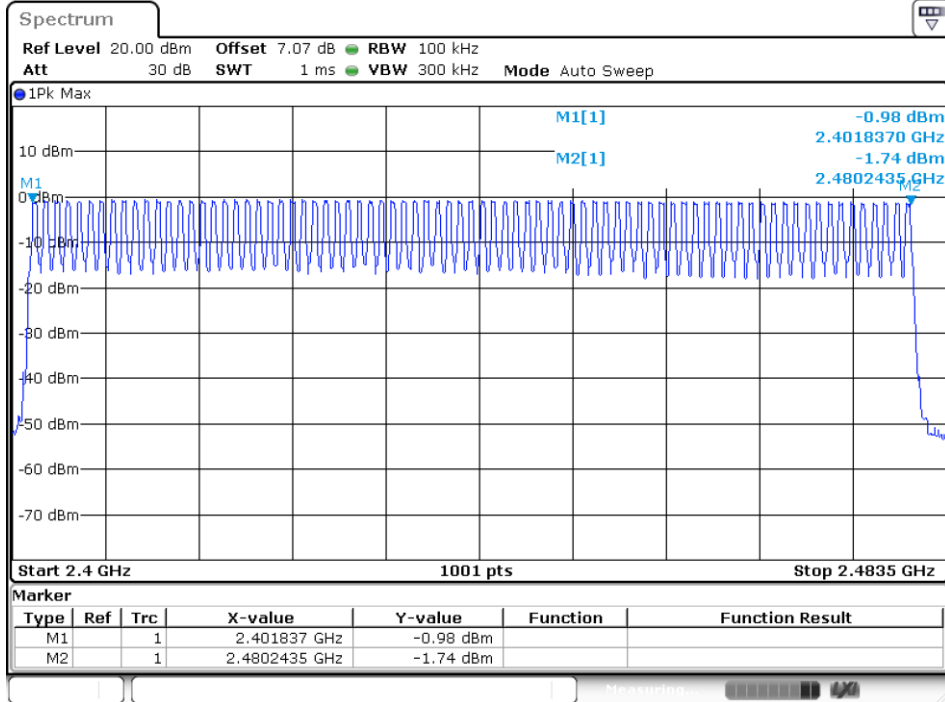


8.6 NUMBER OF HOPPING CHANNEL

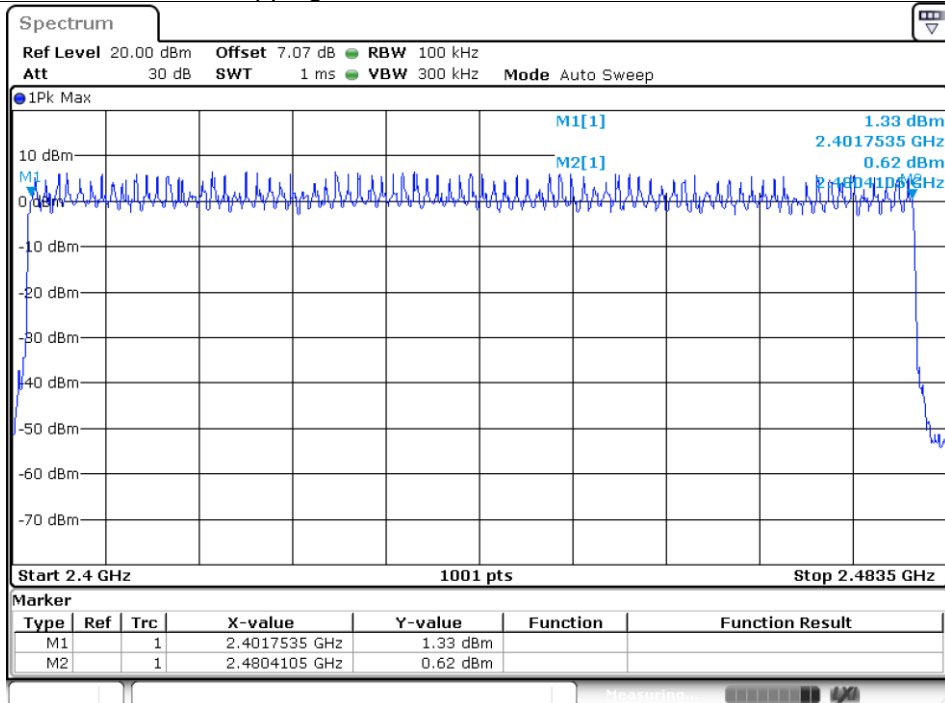
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

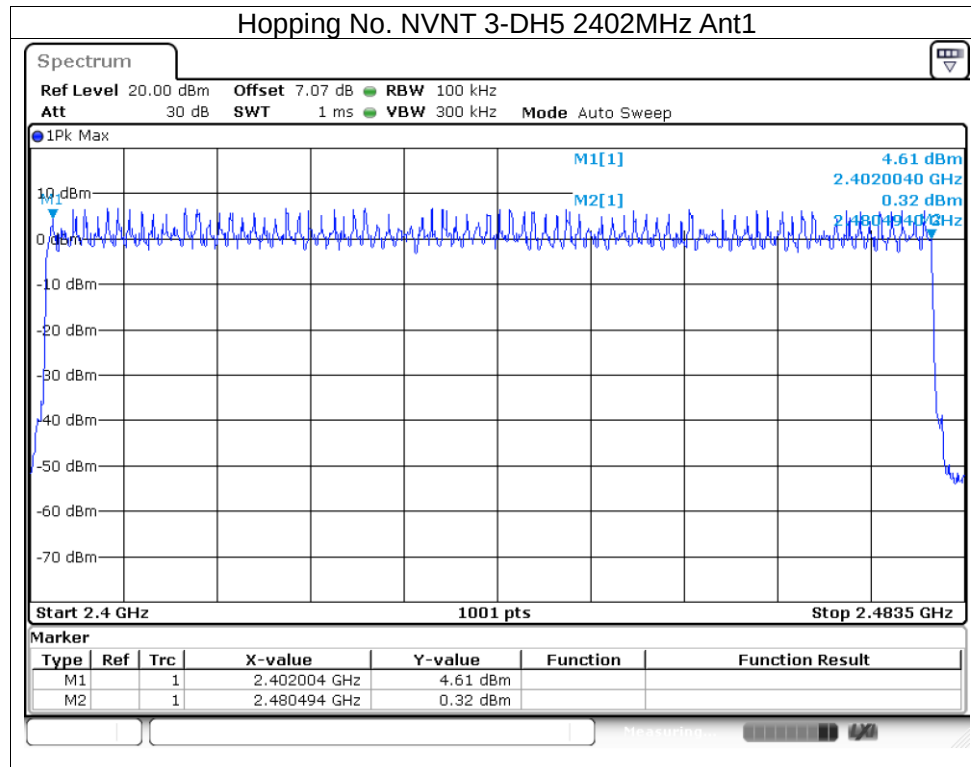
Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1



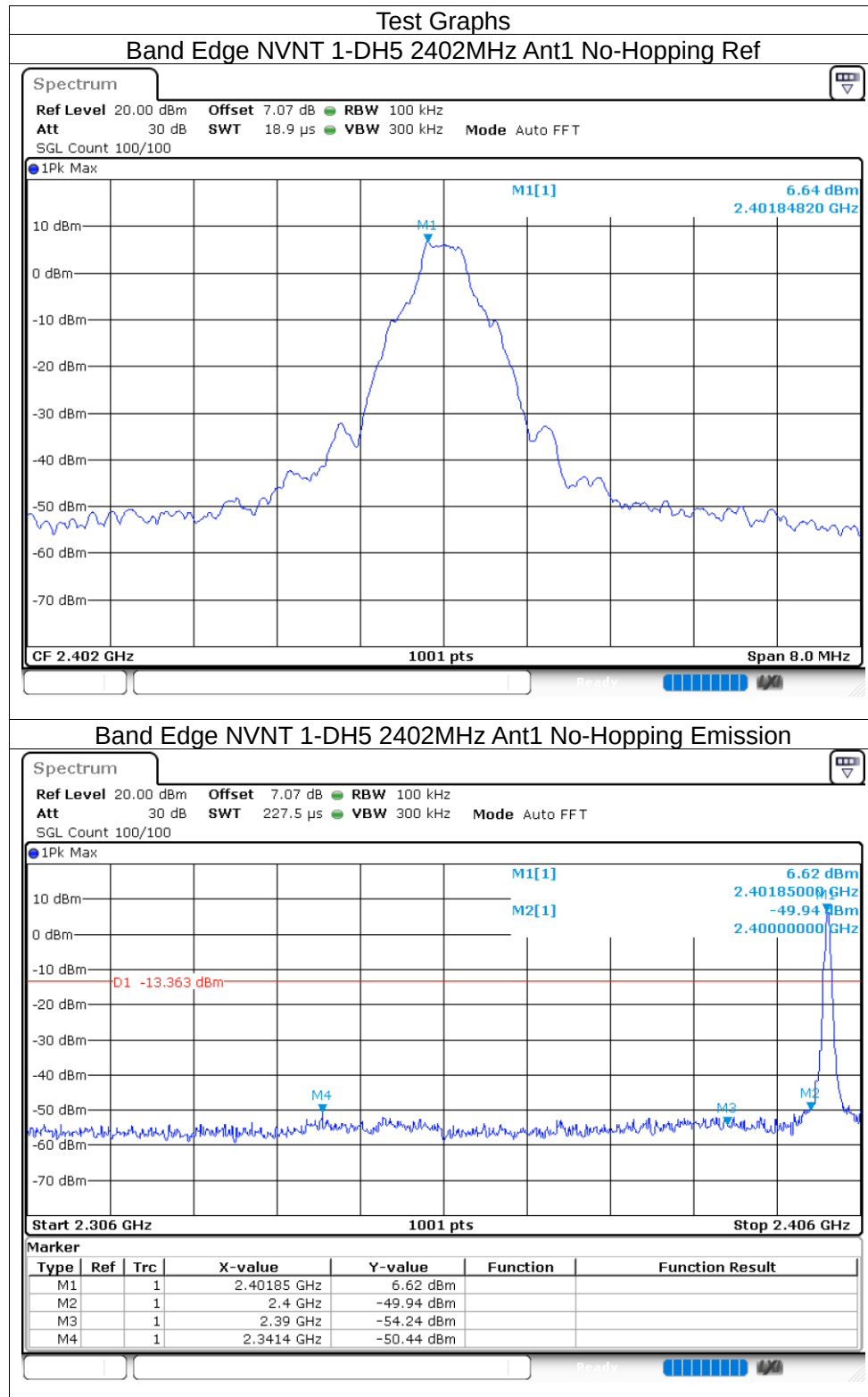
Hopping No. NVNT 2-DH5 2402MHz Ant1





8.7 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-57.07	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.18	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.18	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-58.48	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-55.43	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-58.36	-20	Pass

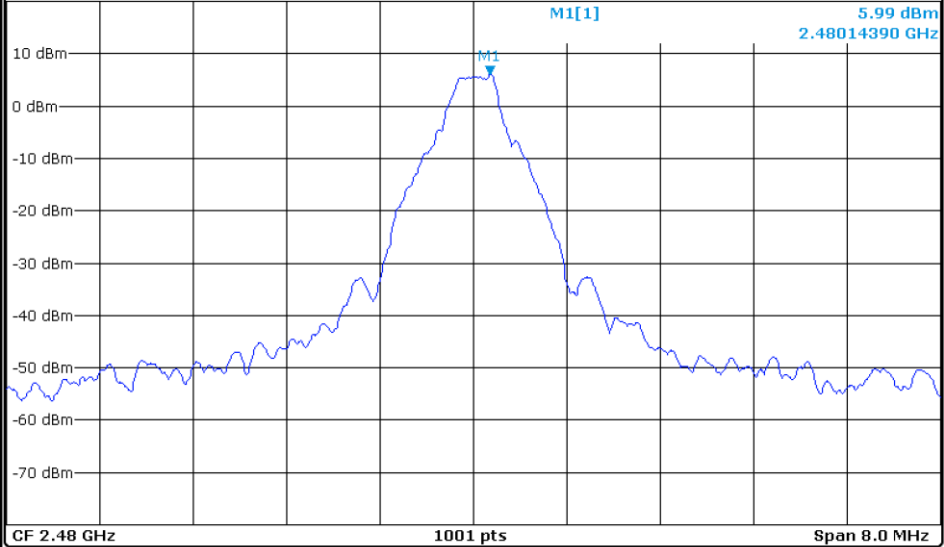


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

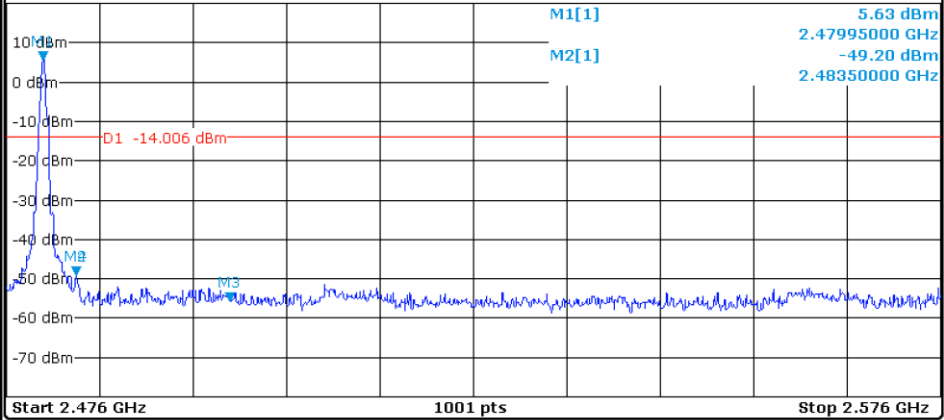


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

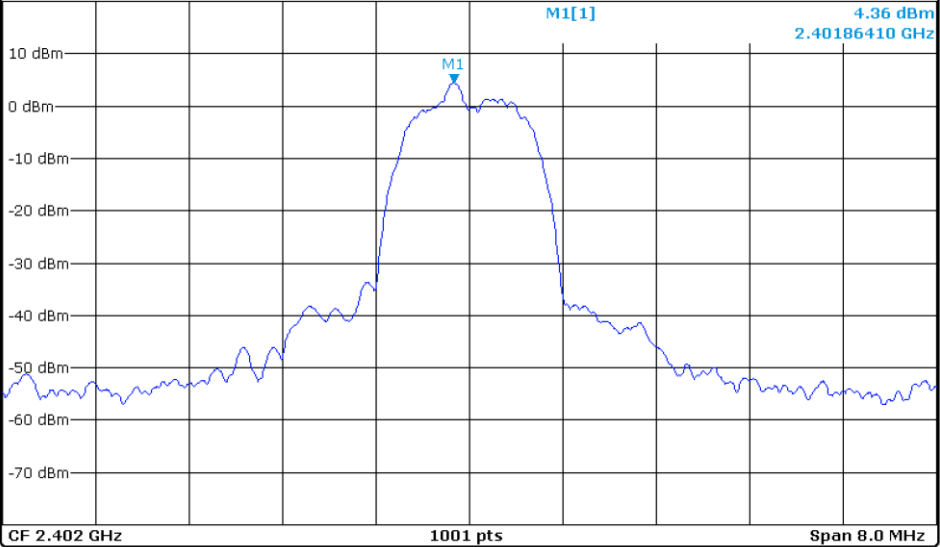
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	5.63 dBm		
M2		1	2.4835 GHz	-49.20 dBm		
M3		1	2.5 GHz	-55.57 dBm		
M4		1	2.4835 GHz	-49.20 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

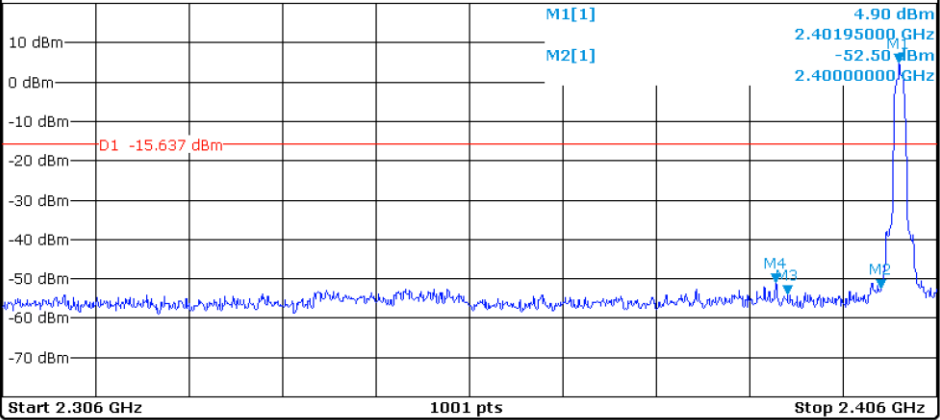


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

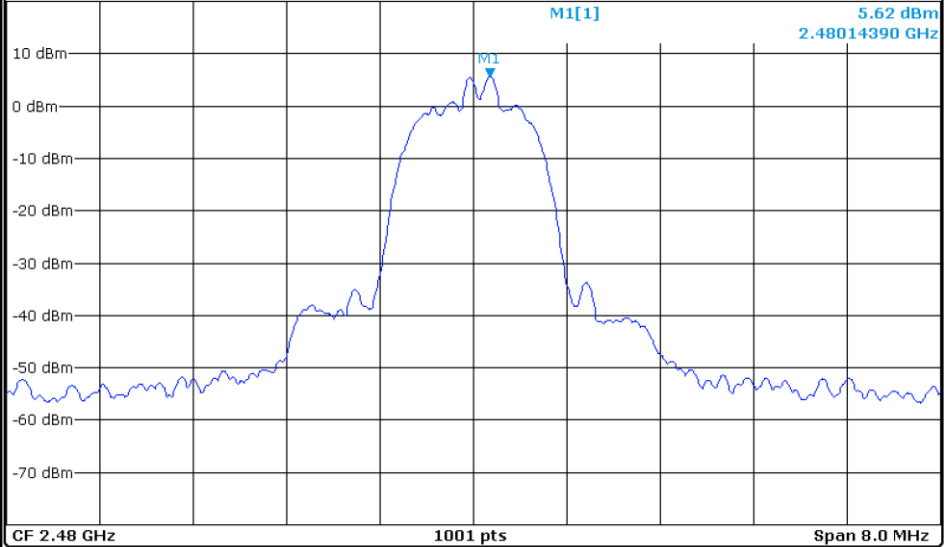
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40195 GHz	4.90 dBm		
M2	1		2.4 GHz	-52.50 dBm		
M3	1		2.39 GHz	-53.85 dBm		
M4	1		2.3888 GHz	-50.82 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

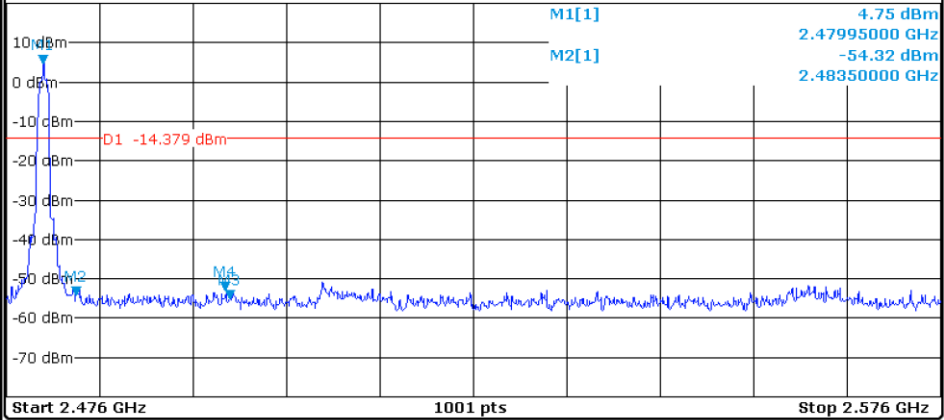


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

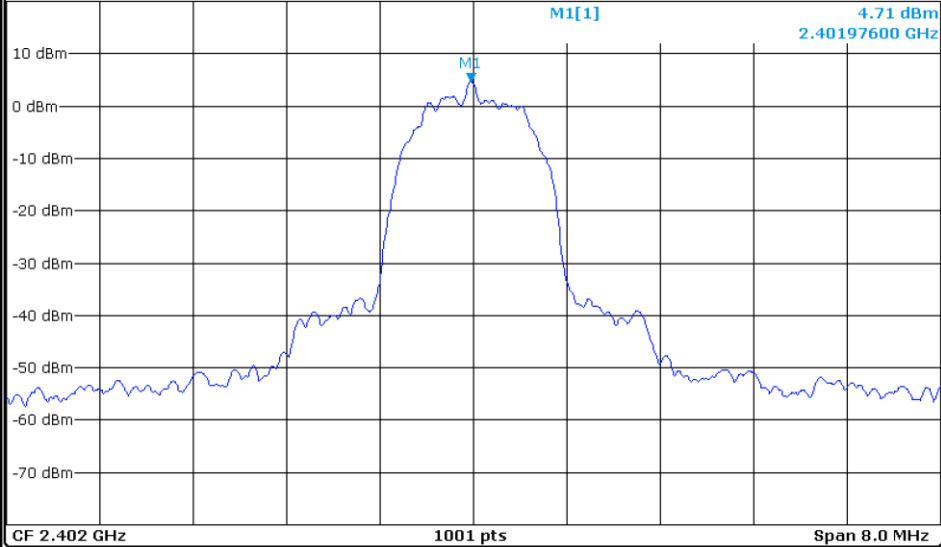
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	4.75 dBm		
M2		1	2.4835 GHz	-54.32 dBm		
M3		1	2.5 GHz	-55.14 dBm		
M4		1	2.4995 GHz	-52.87 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

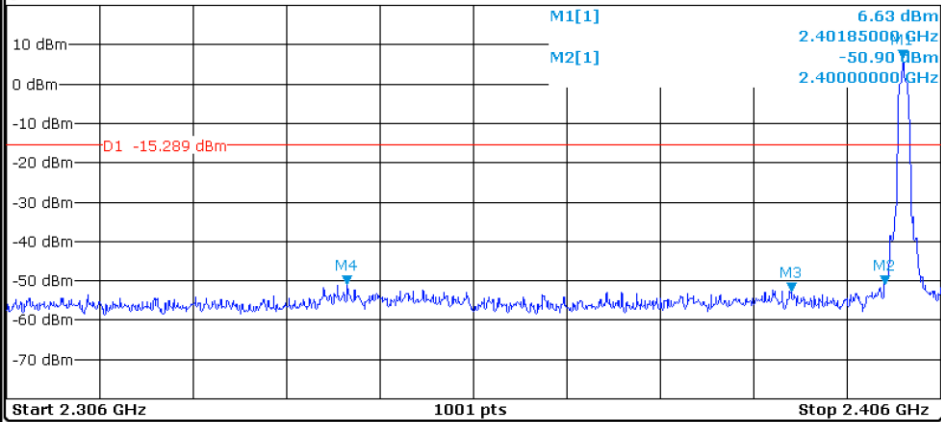


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max



Marker

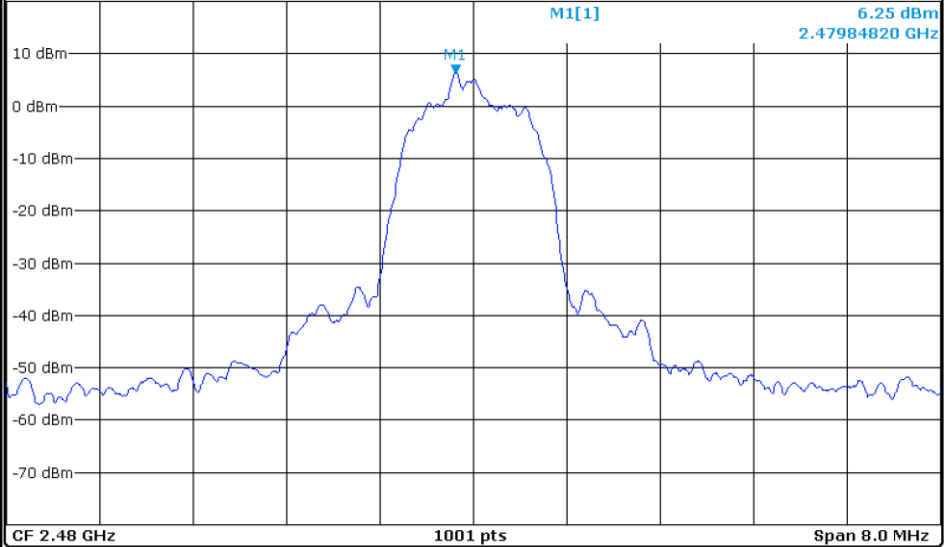
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40185 GHz	6.63 dBm		
M2	1		2.4 GHz	-50.90 dBm		
M3	1		2.39 GHz	-52.82 dBm		
M4	1		2.3425 GHz	-50.73 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 100/100

1Pk Max

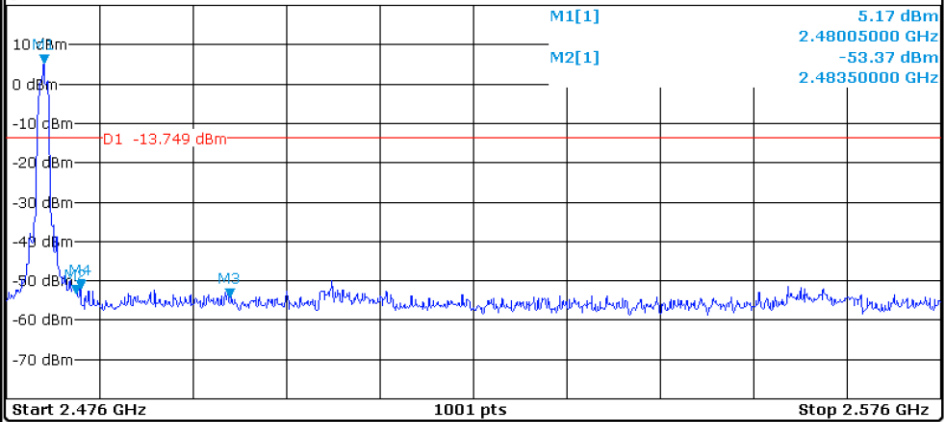


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 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		2.48005 GHz	5.17 dBm		
M2	1		2.4835 GHz	-53.37 dBm		
M3	1		2.5 GHz	-54.06 dBm		
M4	1		2.484 GHz	-52.11 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	-49.79	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-58.15	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-56.12	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-58.24	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-57.44	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-58.16	-20	Pass

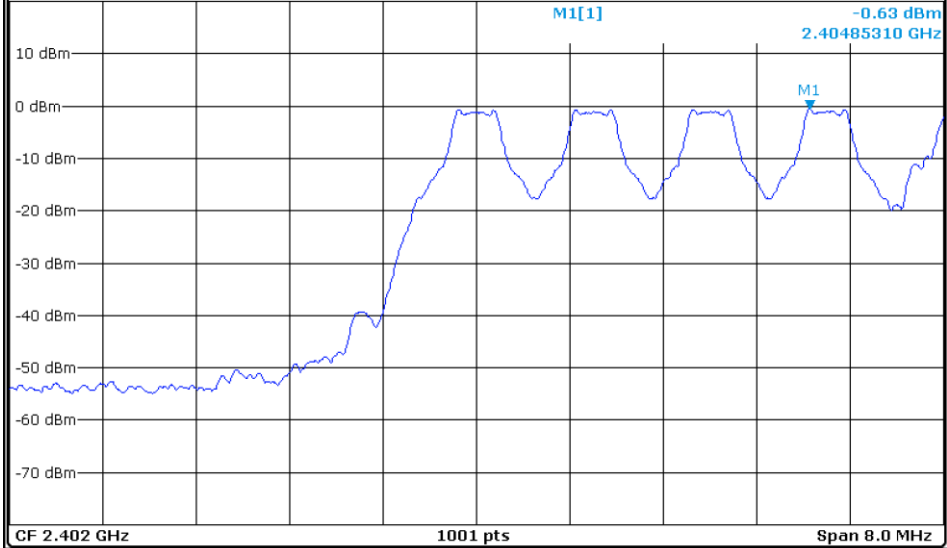
Test Graphs

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

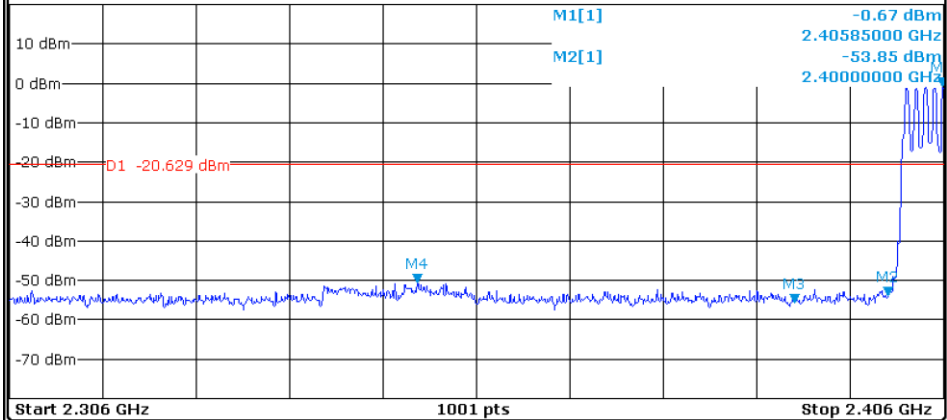


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

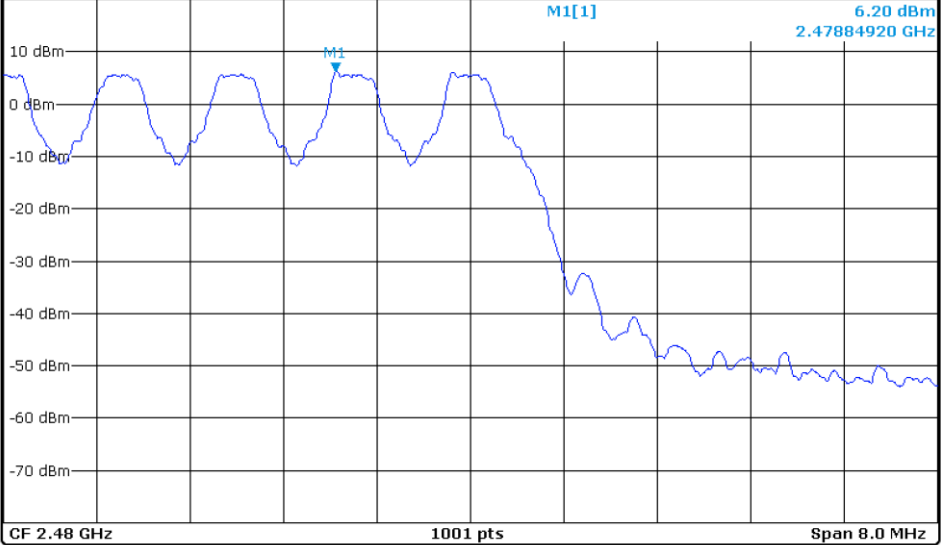
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.40585 GHz	-0.67 dBm		
M2	1		2.4 GHz	-53.85 dBm		
M3	1		2.39 GHz	-55.70 dBm		
M4	1		2.3497 GHz	-50.43 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

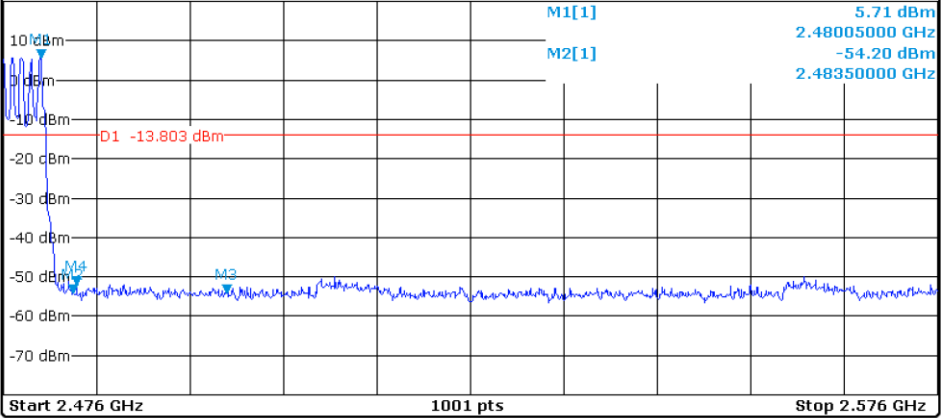


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

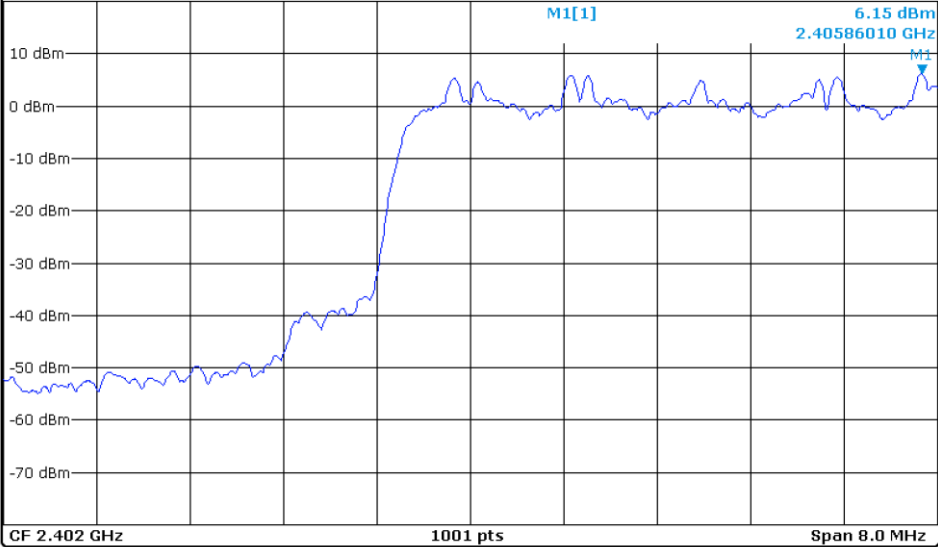
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.48005 GHz	5.71 dBm		
M2	1		2.4835 GHz	-54.20 dBm		
M3	1		2.5 GHz	-54.31 dBm		
M4	1		2.4839 GHz	-51.96 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

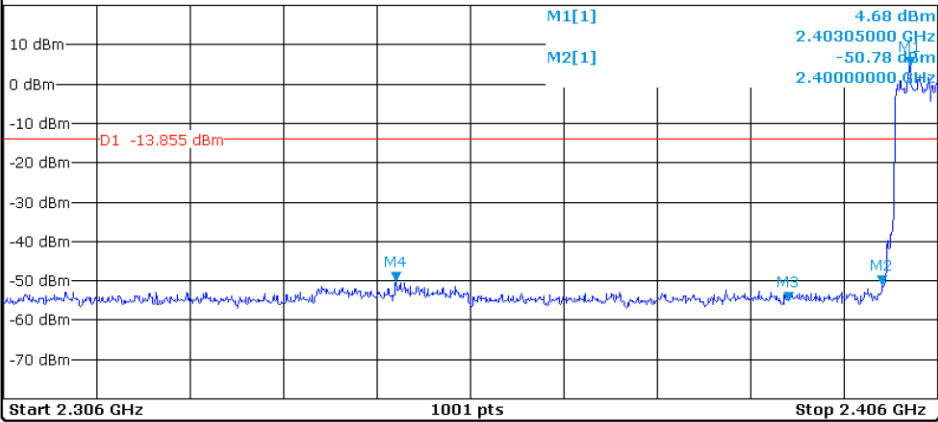


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

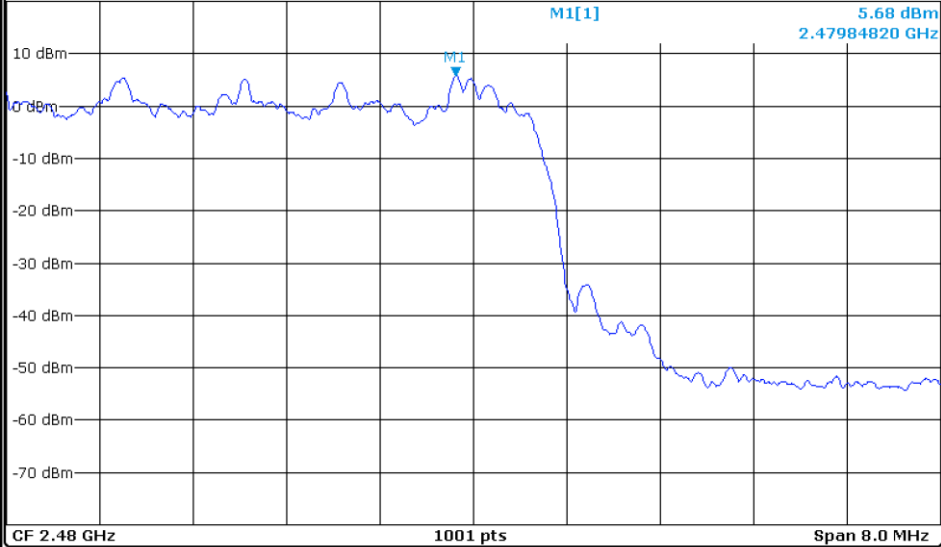
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40305 GHz	4.68 dBm		
M2		1	2.4 GHz	-50.78 dBm		
M3		1	2.39 GHz	-55.08 dBm		
M4		1	2.348 GHz	-49.98 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

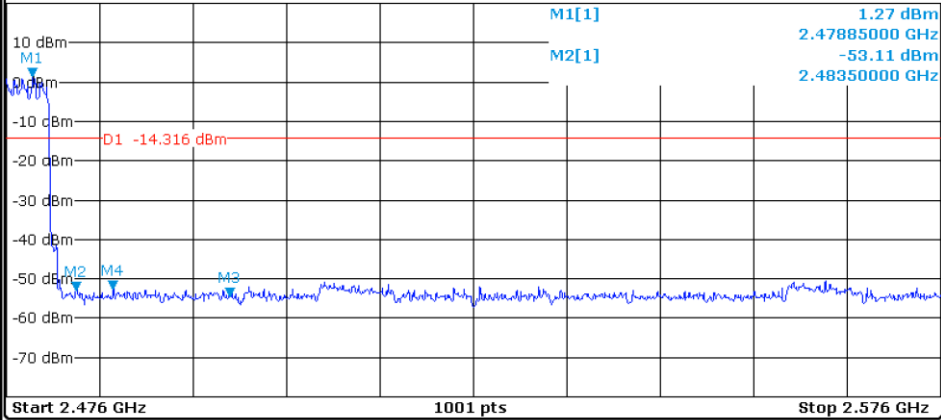


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

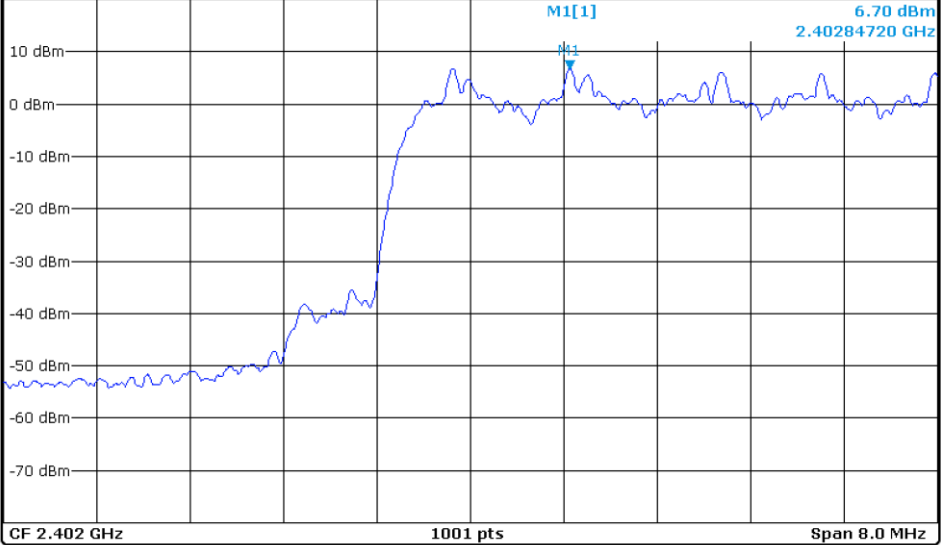
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47885 GHz	1.27 dBm		
M2	1		2.4835 GHz	-53.11 dBm		
M3	1		2.5 GHz	-54.37 dBm		
M4	1		2.4874 GHz	-52.57 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

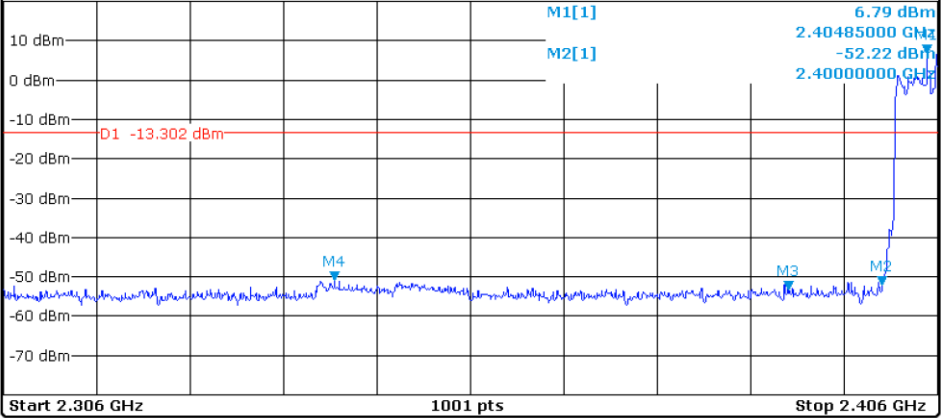


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

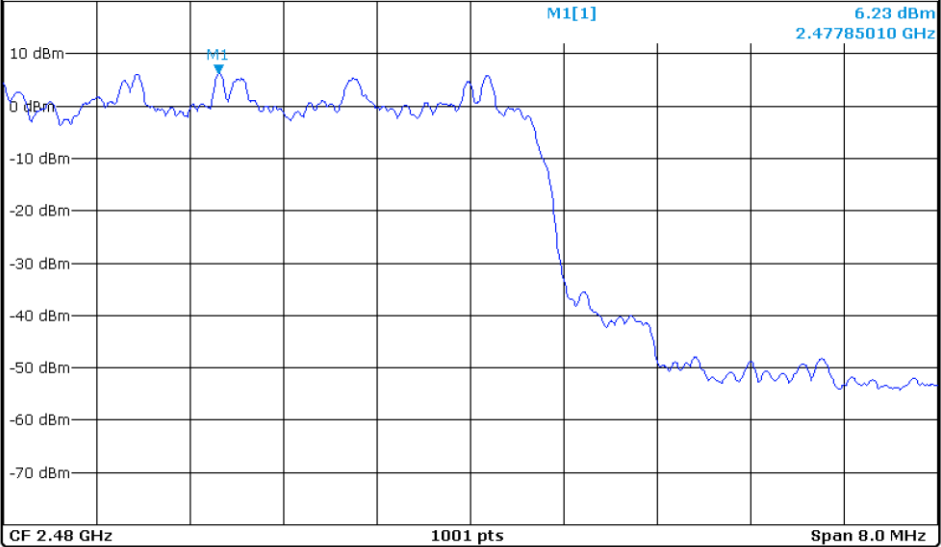
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40485 GHz	6.79 dBm		
M2		1	2.4 GHz	-52.22 dBm		
M3		1	2.39 GHz	-53.25 dBm		
M4		1	2.3414 GHz	-50.74 dBm		

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

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 18.9 μ s VBW 300 kHz Mode Auto FFT
SGL Count 8000/8000

1Pk Max

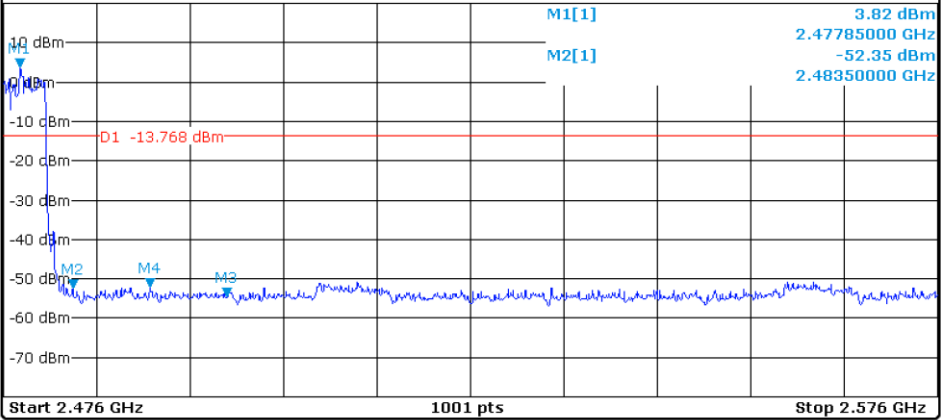


Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 100 kHz
Att 30 dB SWT 227.5 μ s VBW 300 kHz Mode Auto FFT
SGL Count 1200/1200

1Pk Max



Marker

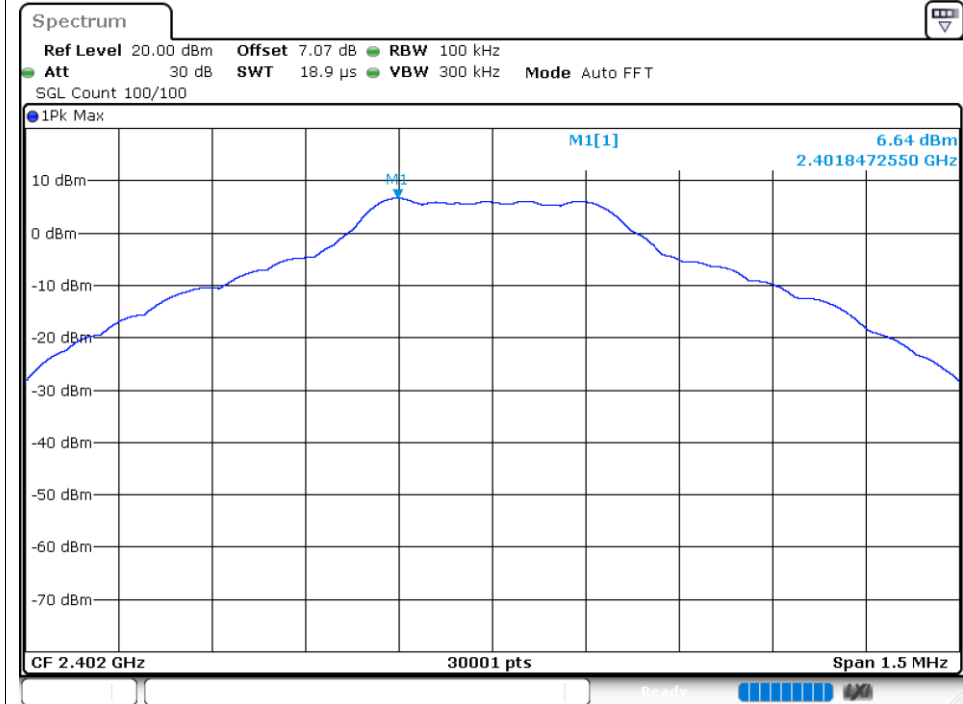
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1	1		2.47785 GHz	3.82 dBm		
M2	1		2.4835 GHz	-52.35 dBm		
M3	1		2.5 GHz	-54.49 dBm		
M4	1		2.4917 GHz	-51.94 dBm		

8.9 CONDUCTED RF SPURIOUS EMISSION

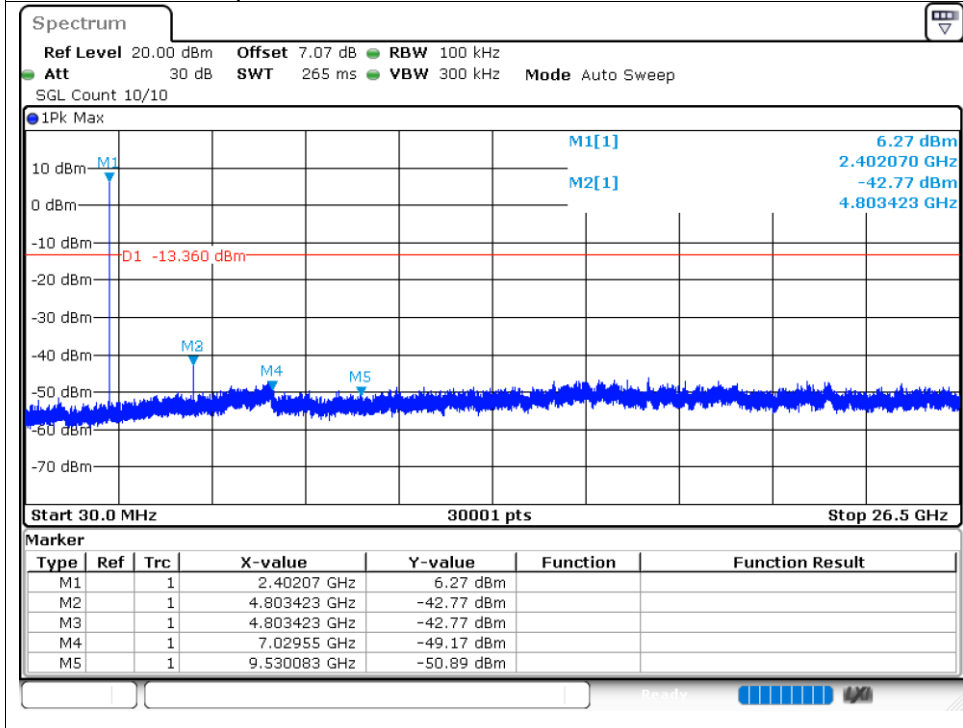
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-49.41	-20	Pass
NVNT	1-DH5	2441	Ant1	-48.84	-20	Pass
NVNT	1-DH5	2480	Ant1	-49.74	-20	Pass
NVNT	2-DH5	2402	Ant1	-47.71	-20	Pass
NVNT	2-DH5	2441	Ant1	-48.74	-20	Pass
NVNT	2-DH5	2480	Ant1	-51.58	-20	Pass
NVNT	3-DH5	2402	Ant1	-42.14	-20	Pass
NVNT	3-DH5	2441	Ant1	-51.35	-20	Pass
NVNT	3-DH5	2480	Ant1	-46.56	-20	Pass

Test Graphs

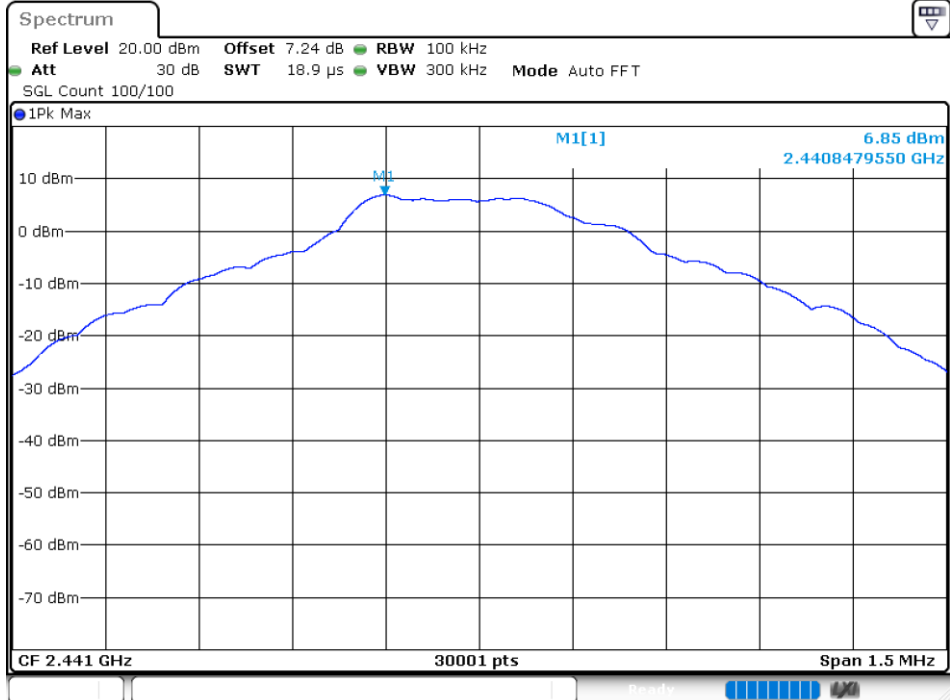
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



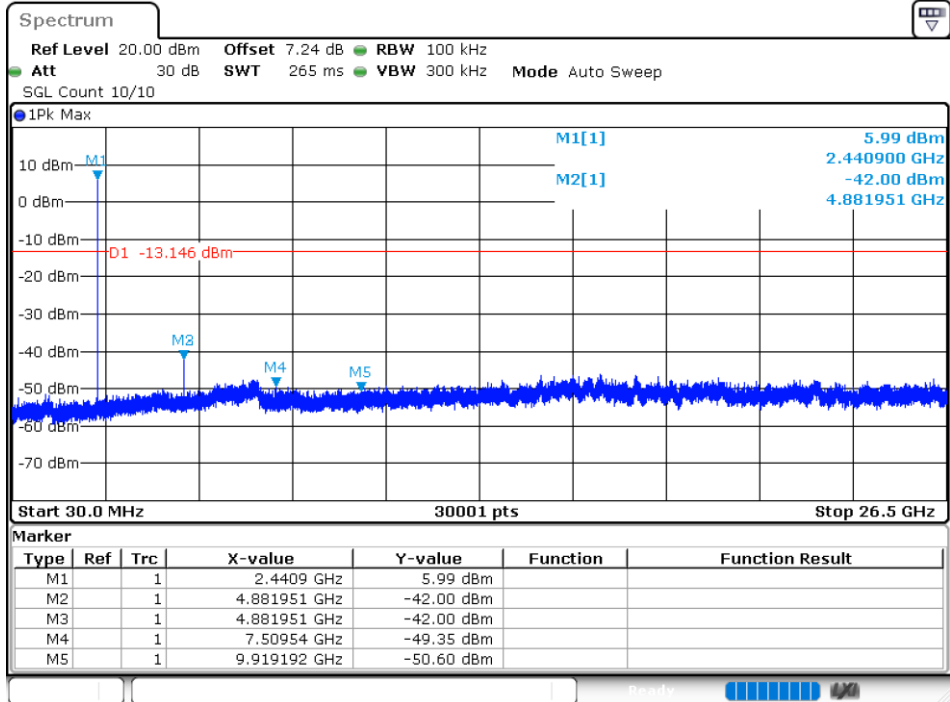
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



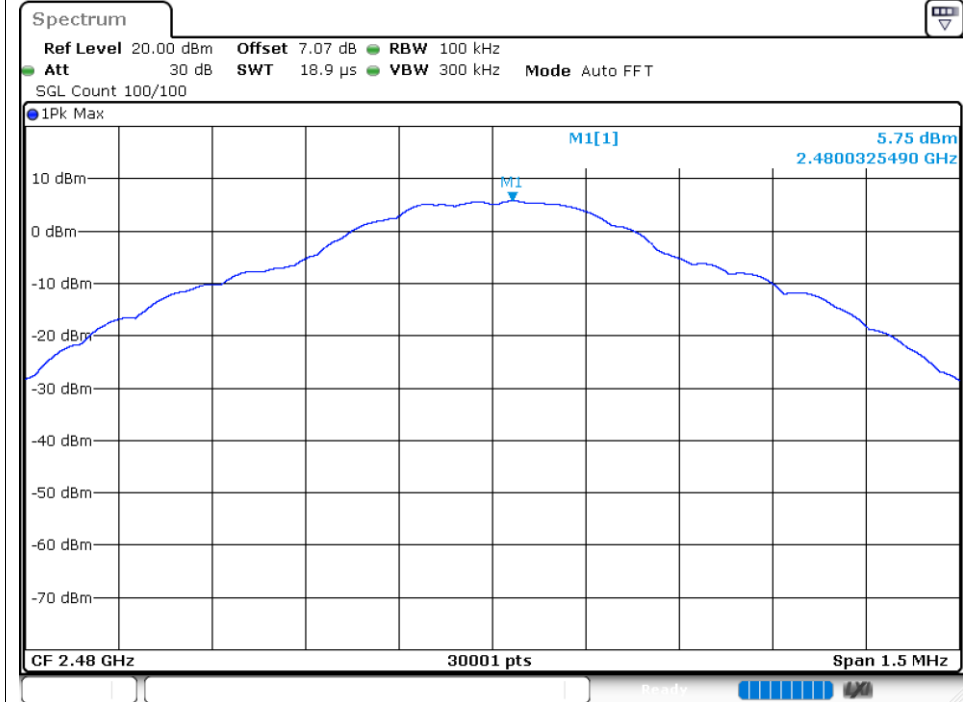
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



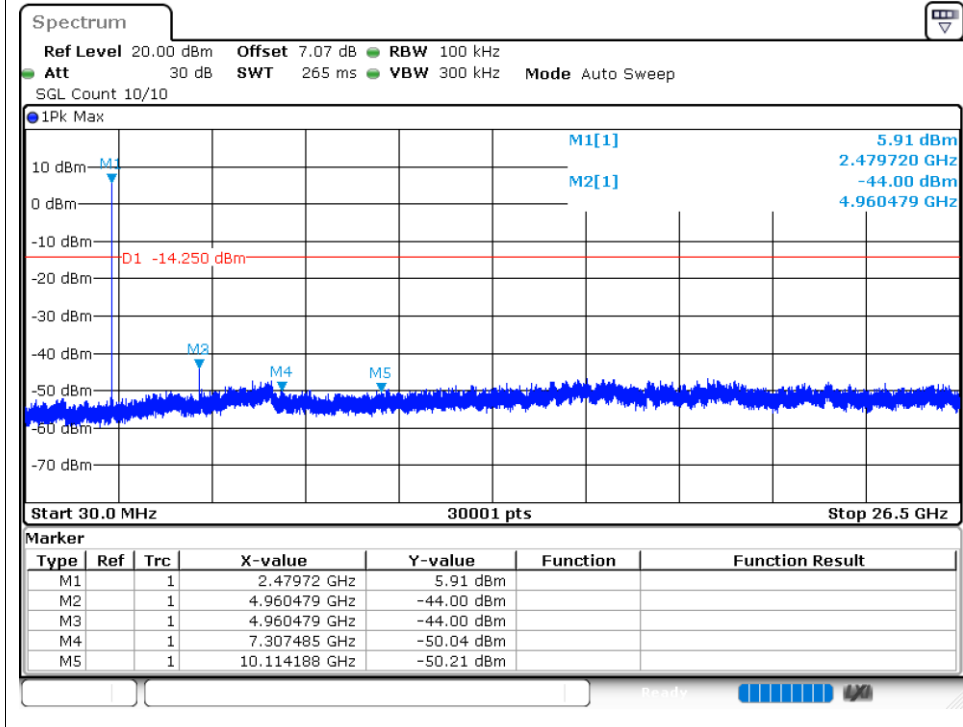
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



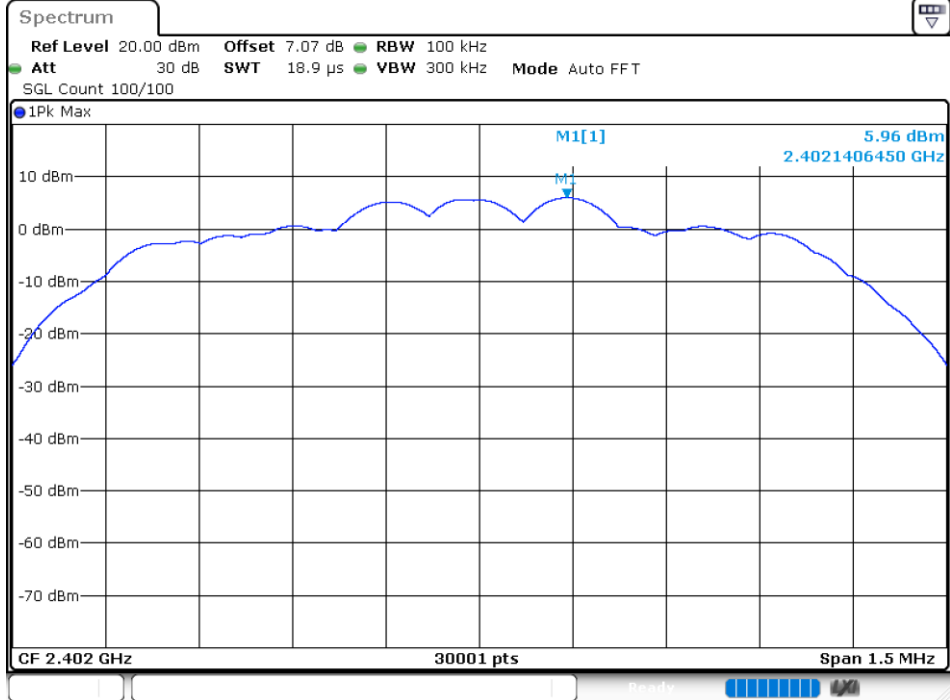
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



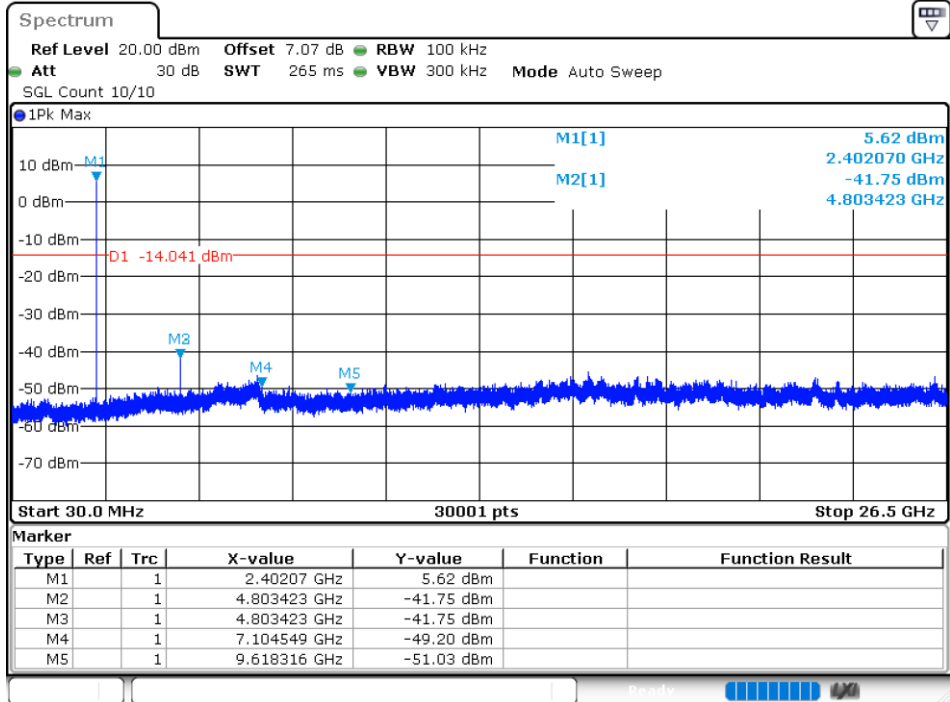
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



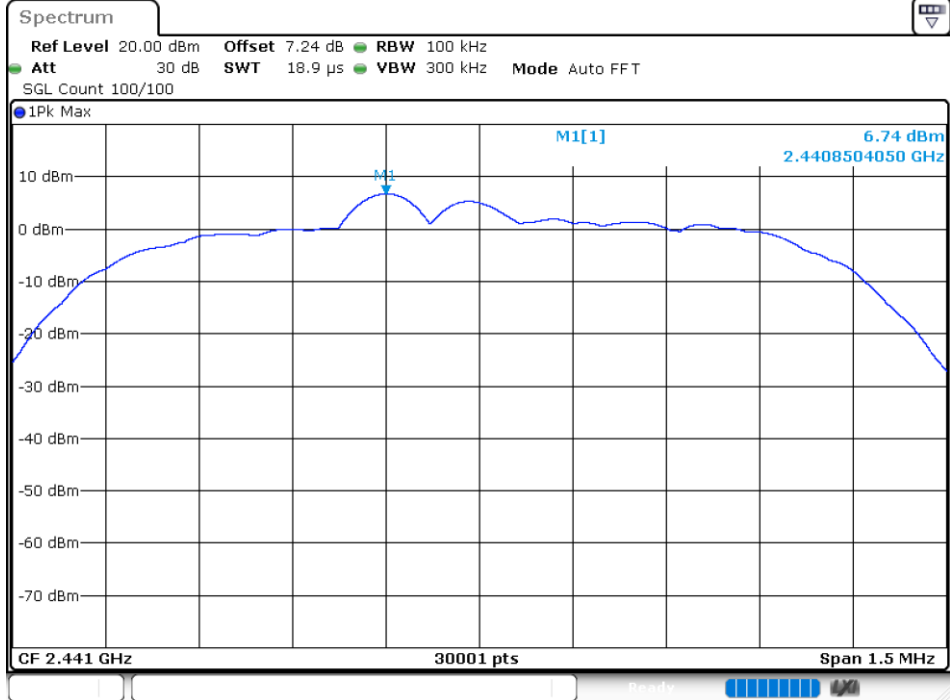
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



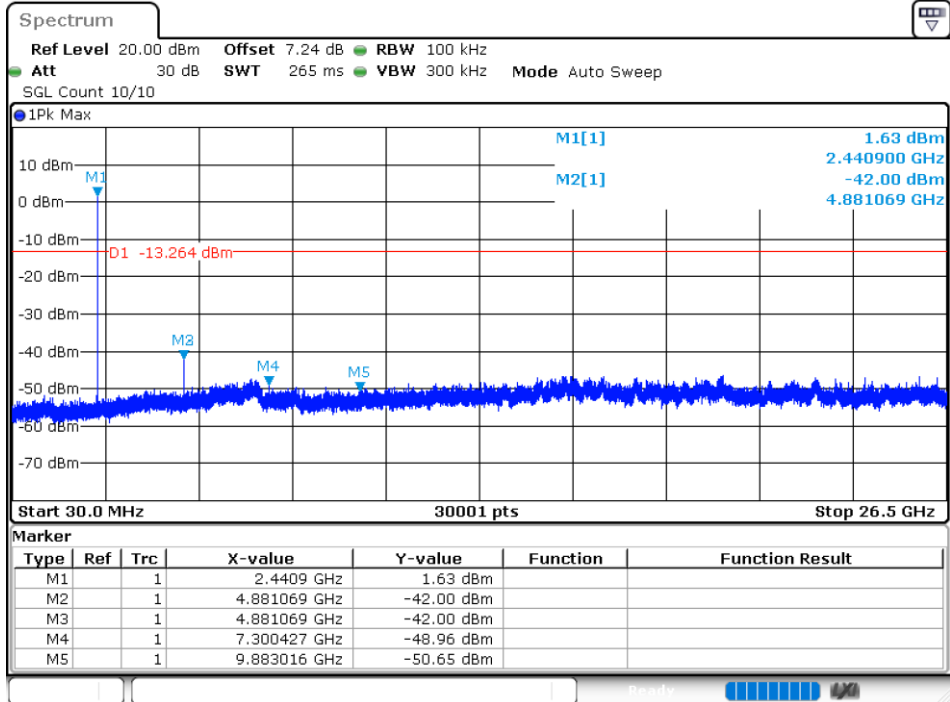
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



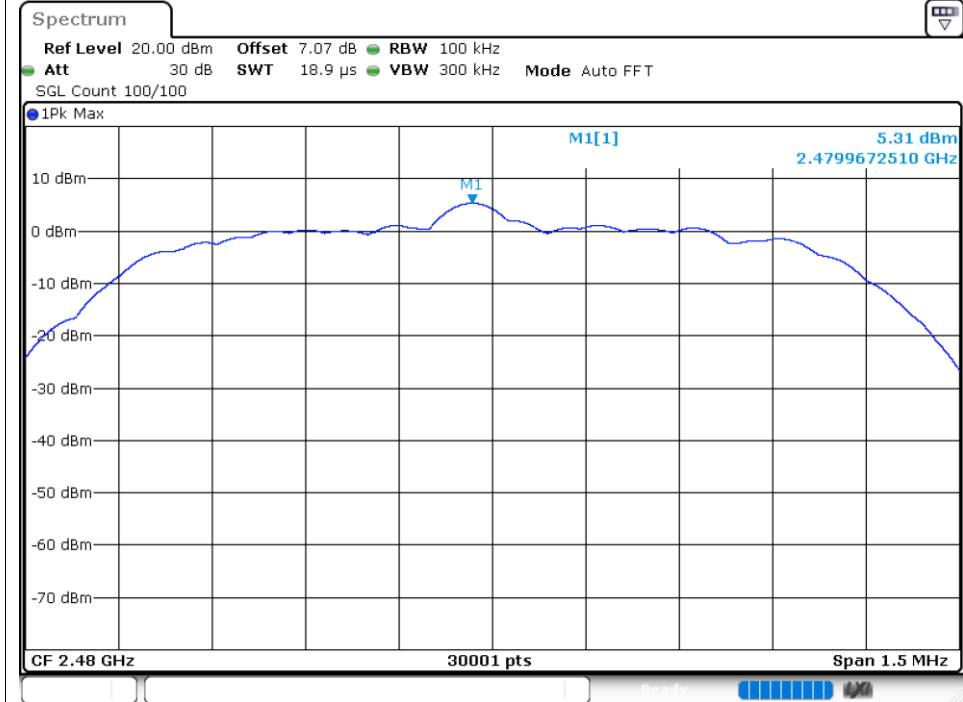
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



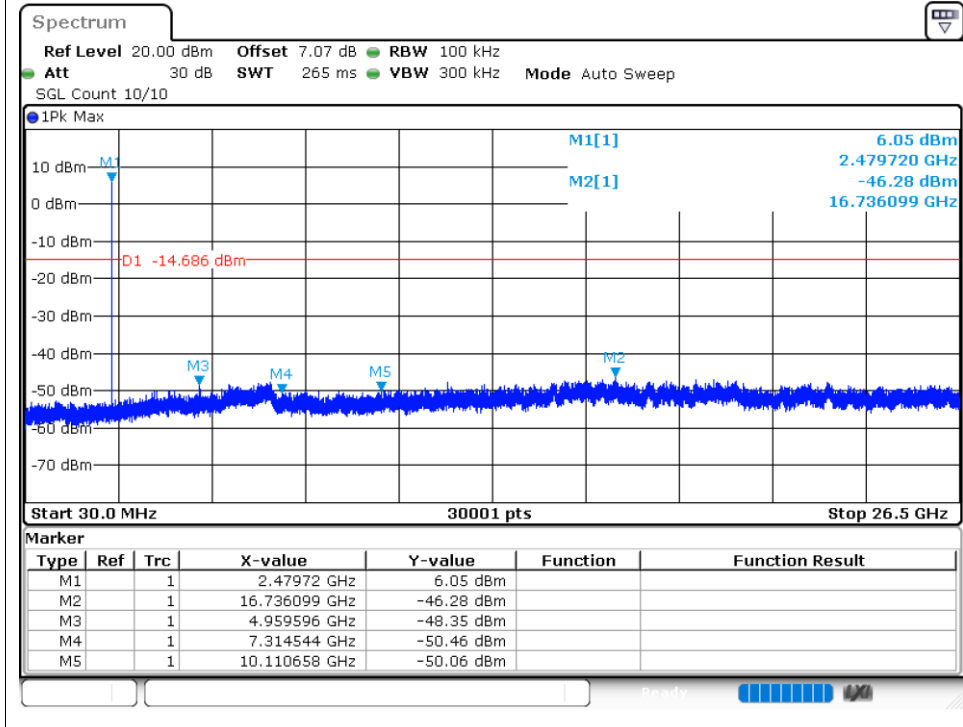
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



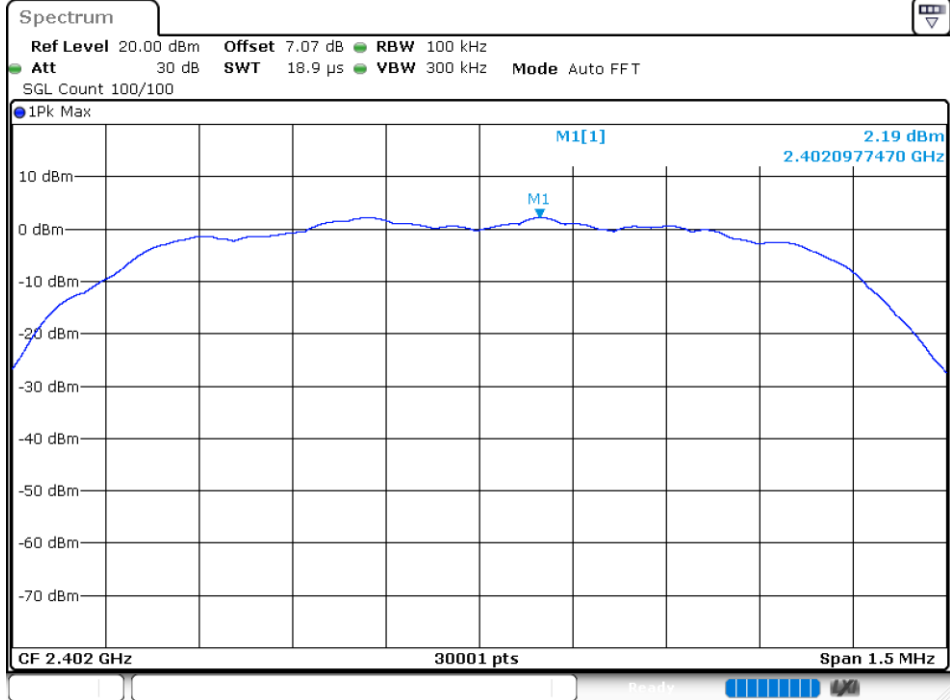
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



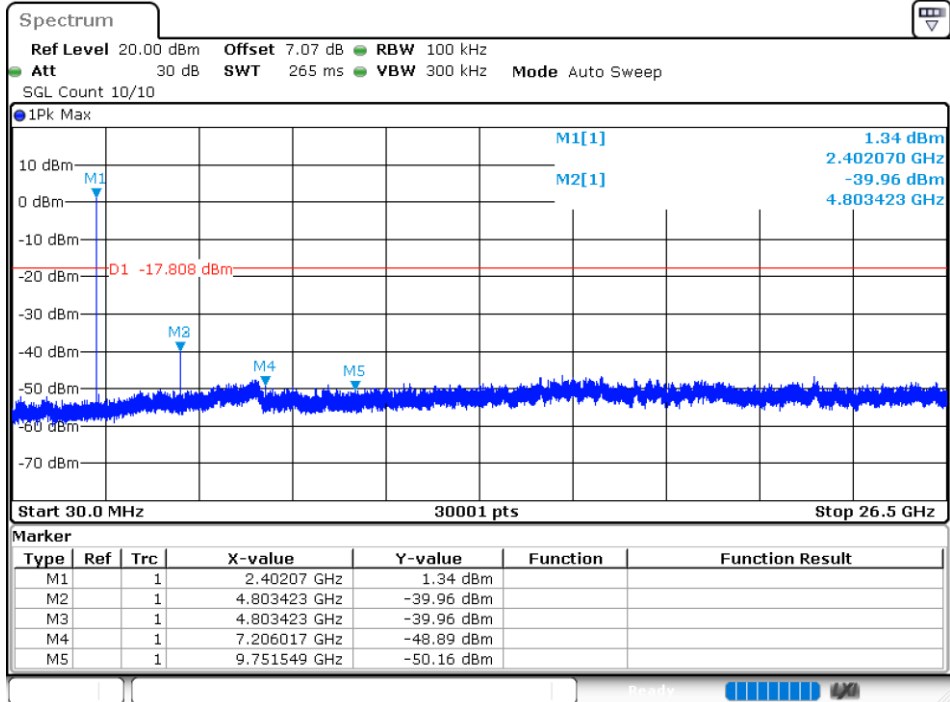
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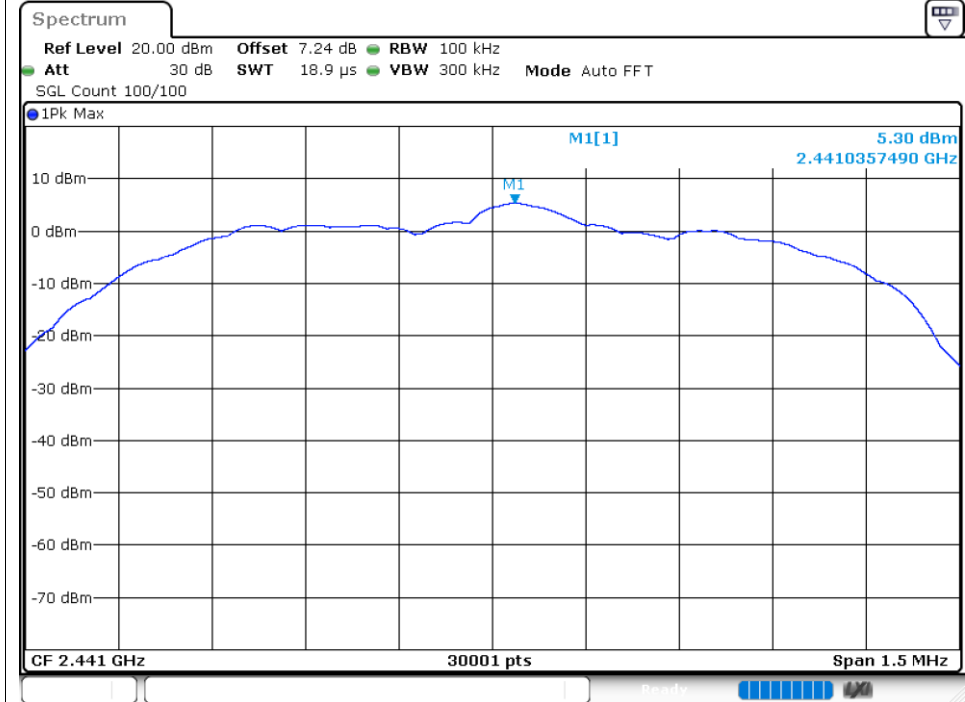
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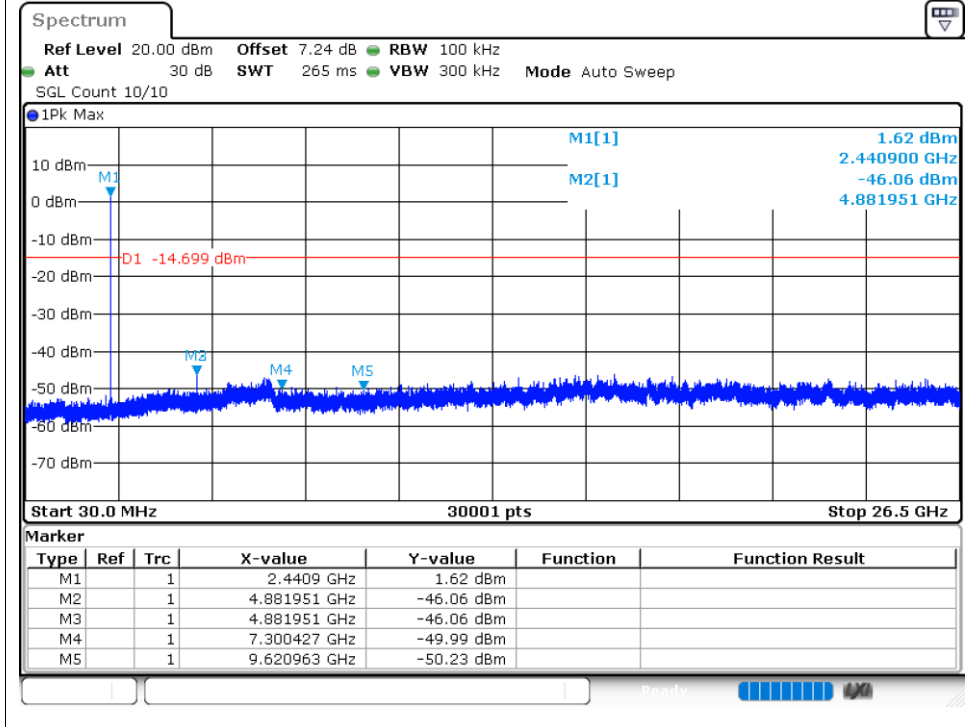
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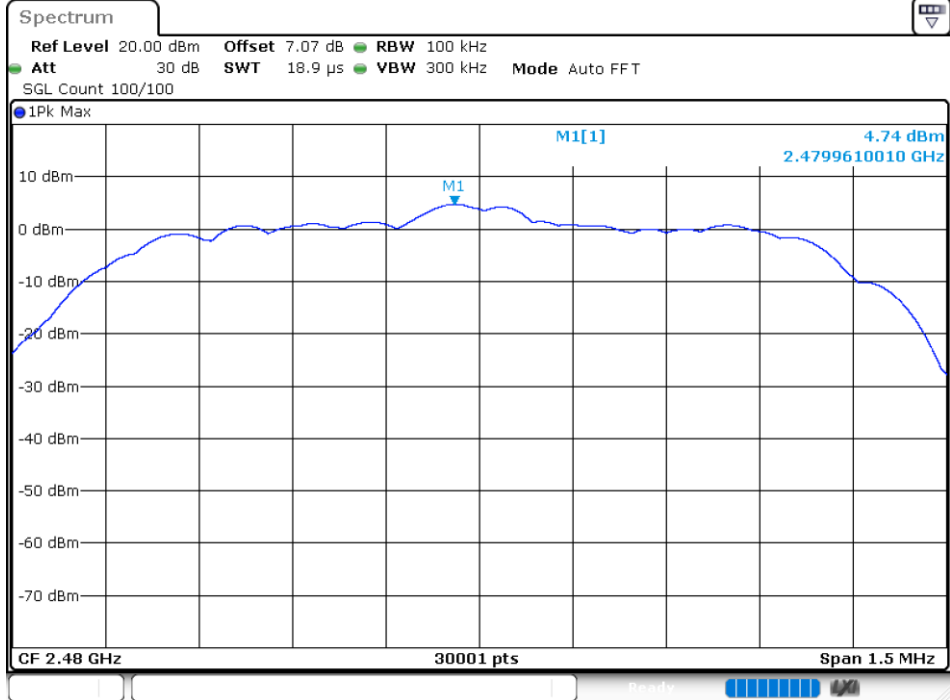
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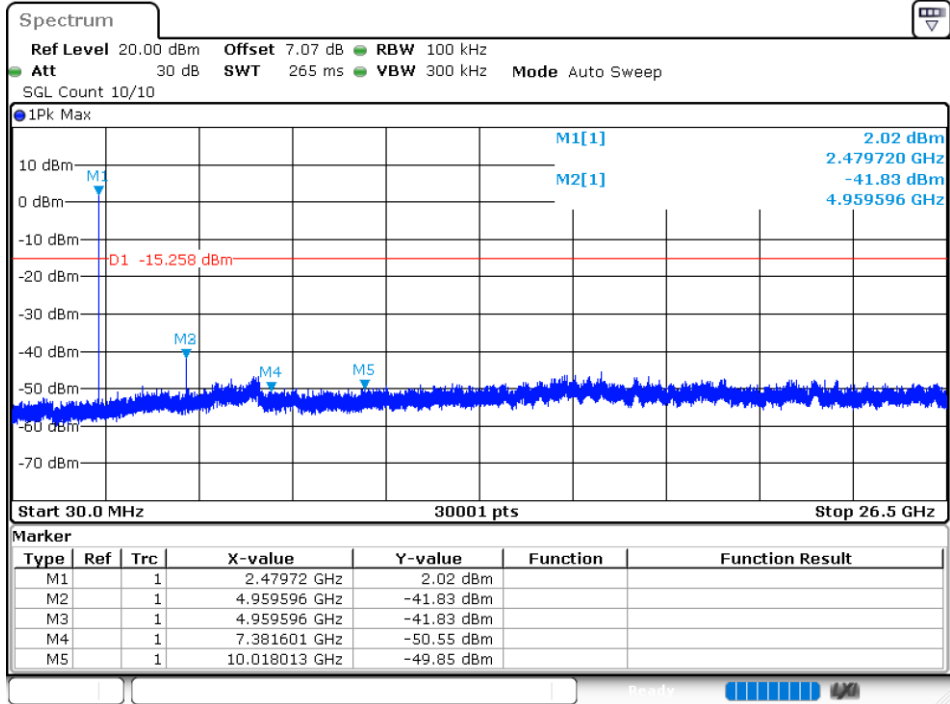
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



END OF REPORT