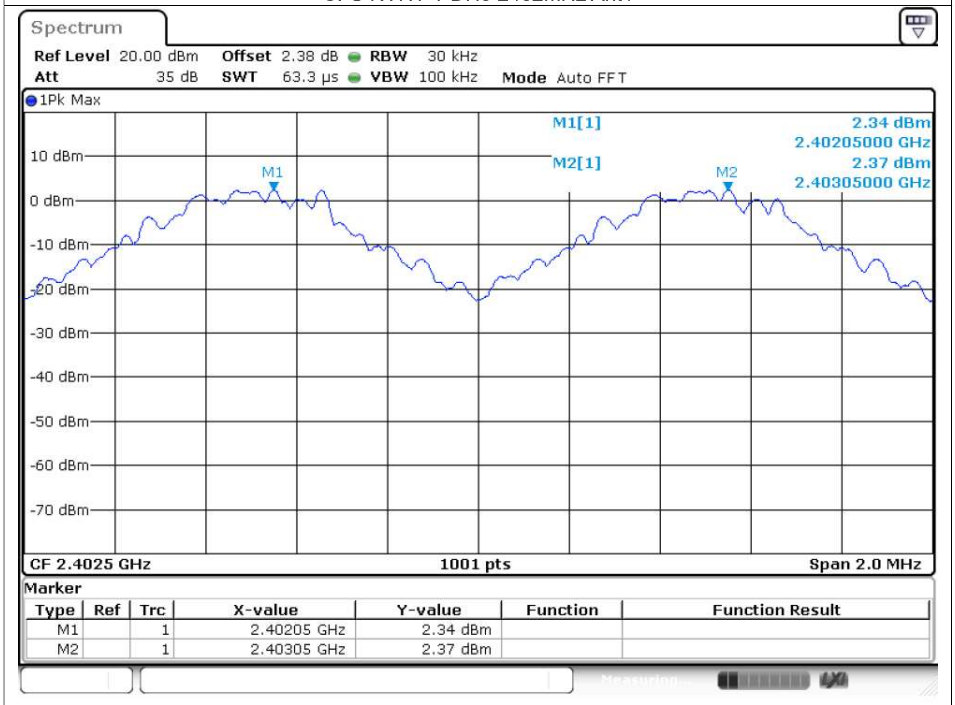
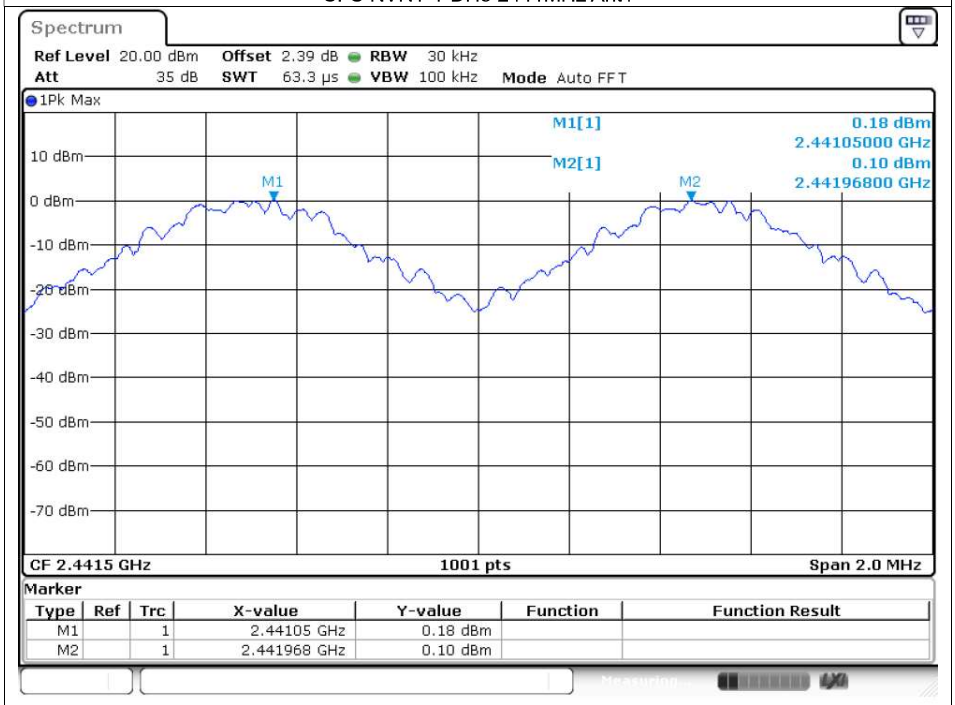
8.5 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.05	2403.05	1	0.568	Pass
NVNT	1-DH5	Ant1	2441.05	2441.968	0.918	0.568	Pass
NVNT	1-DH5	Ant1	2479.05	2480.05	1	0.569	Pass
NVNT	2-DH5	Ant1	2402.072	2403.158	1.086	0.821	Pass
NVNT	2-DH5	Ant1	2441.066	2442.106	1.04	0.827	Pass
NVNT	2-DH5	Ant1	2479.005	2480.023	1.018	0.851	Pass
NVNT	3-DH5	Ant1	2402.006	2403.008	1.002	0.841	Pass
NVNT	3-DH5	Ant1	2440.97	2442.076	1.106	0.843	Pass
NVNT	3-DH5	Ant1	2479.016	2480.008	0.992	0.861	Pass

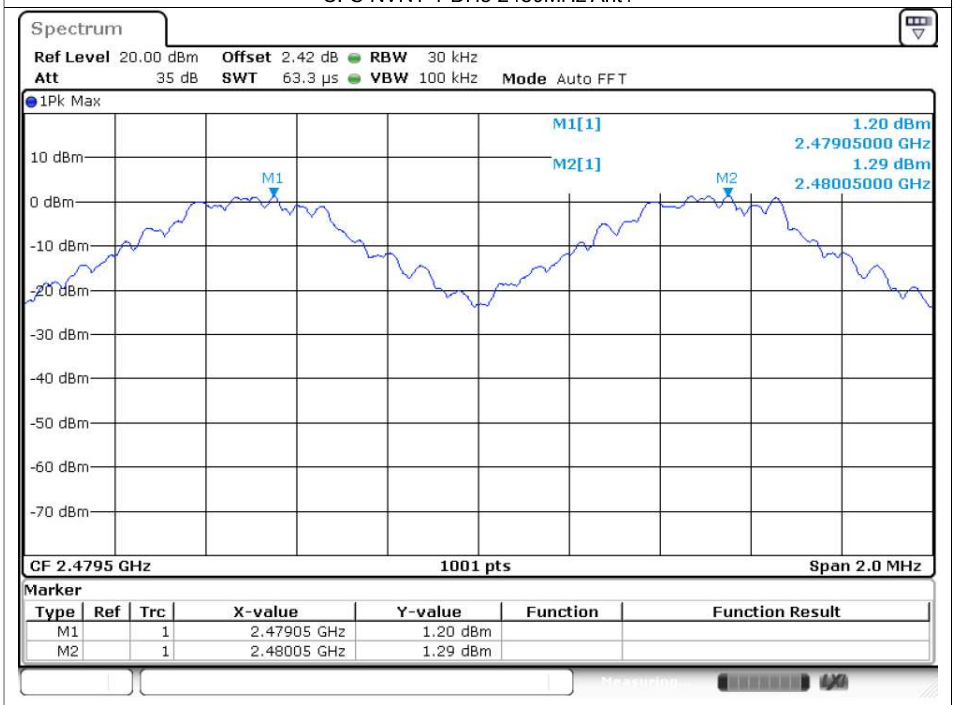
Test Graphs
CFS NVNT 1-DH5 2402MHz Ant1



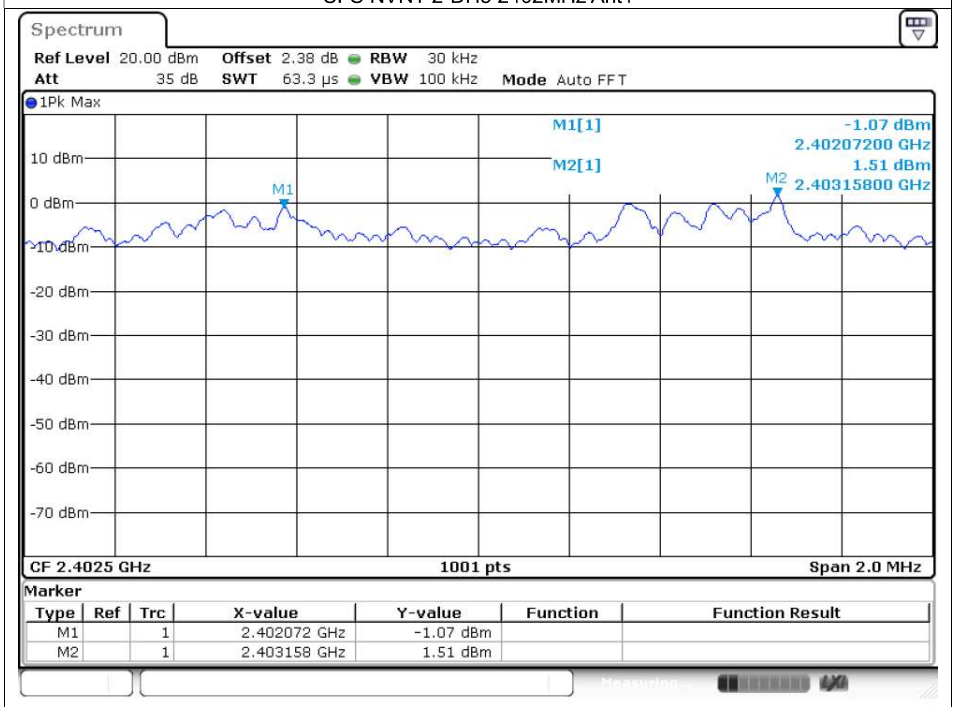
CFS NVNT 1-DH5 2441MHz Ant1



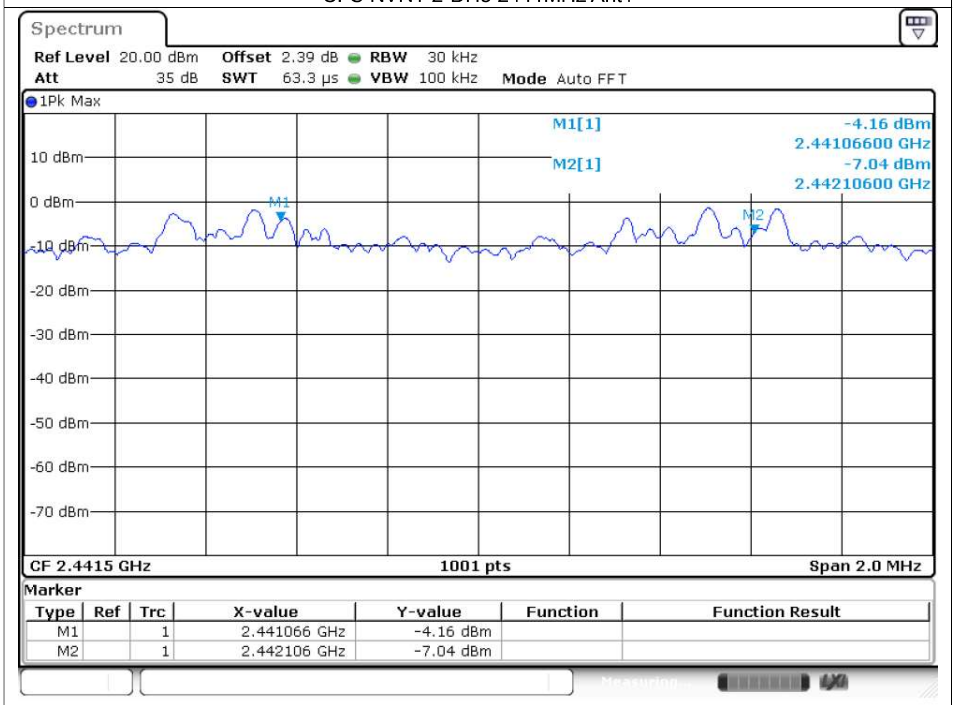
CFS NVNT 1-DH5 2480MHz Ant1



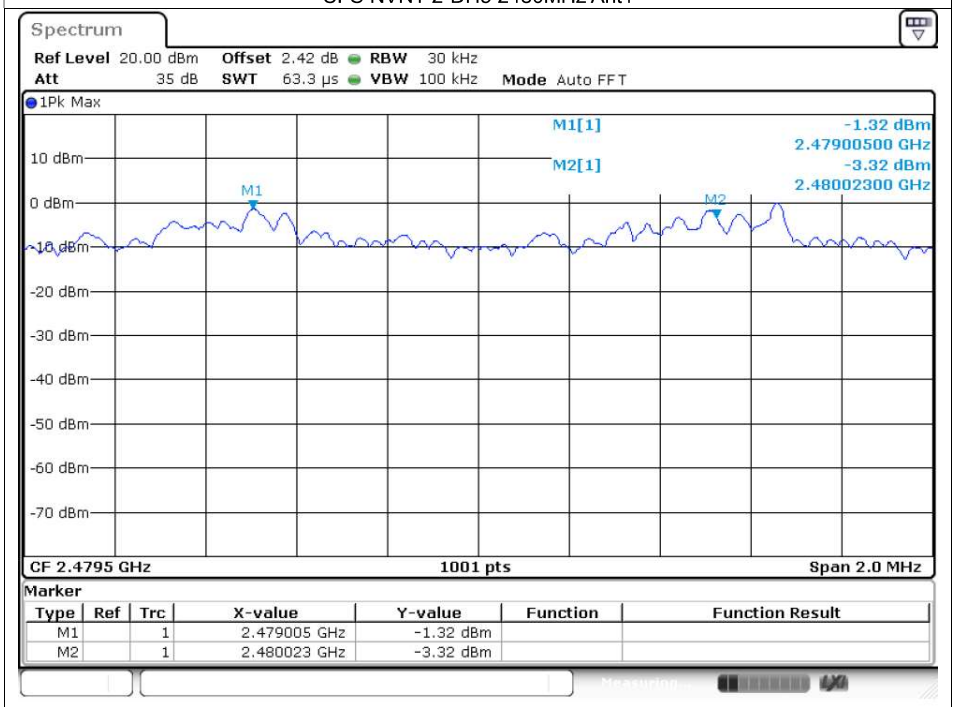
CFS NVNT 2-DH5 2402MHz Ant1



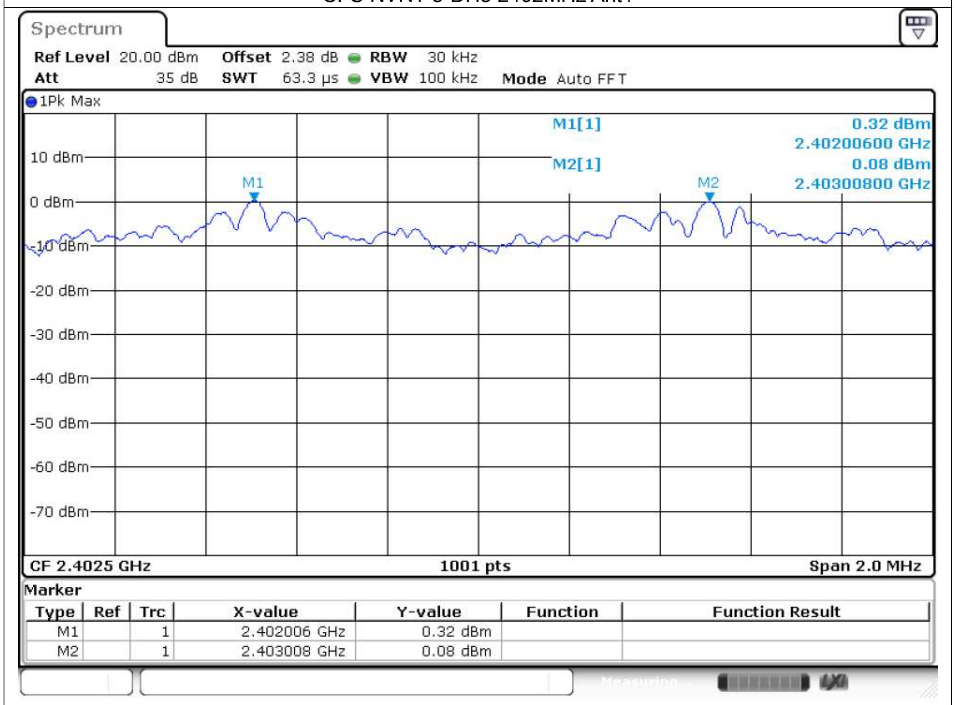
CFS NVNT 2-DH5 2441MHz Ant1



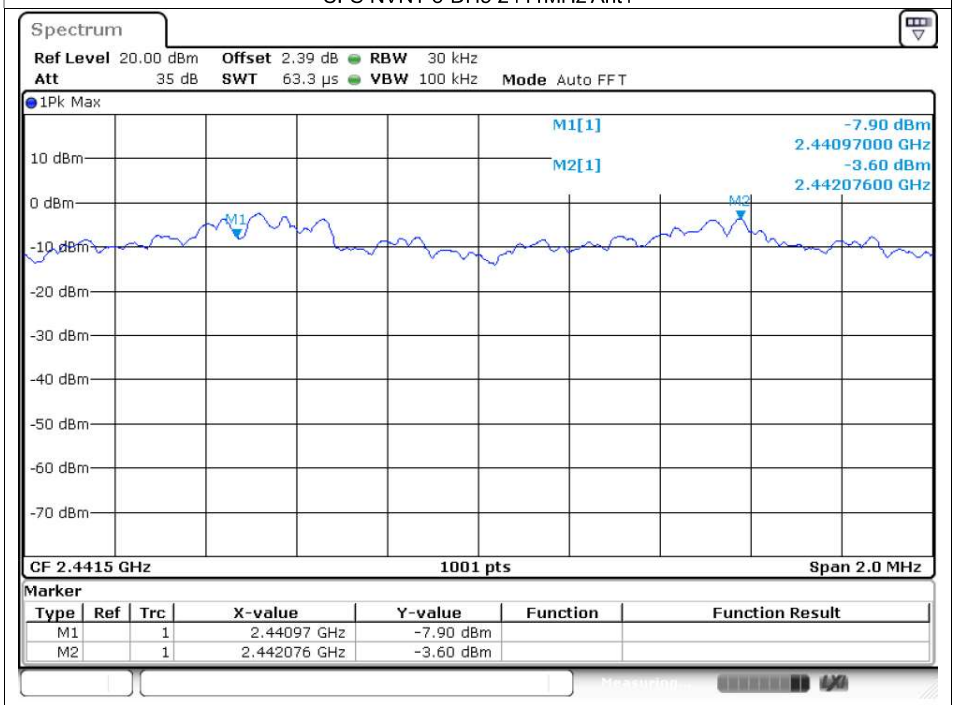
CFS NVNT 2-DH5 2480MHz Ant1



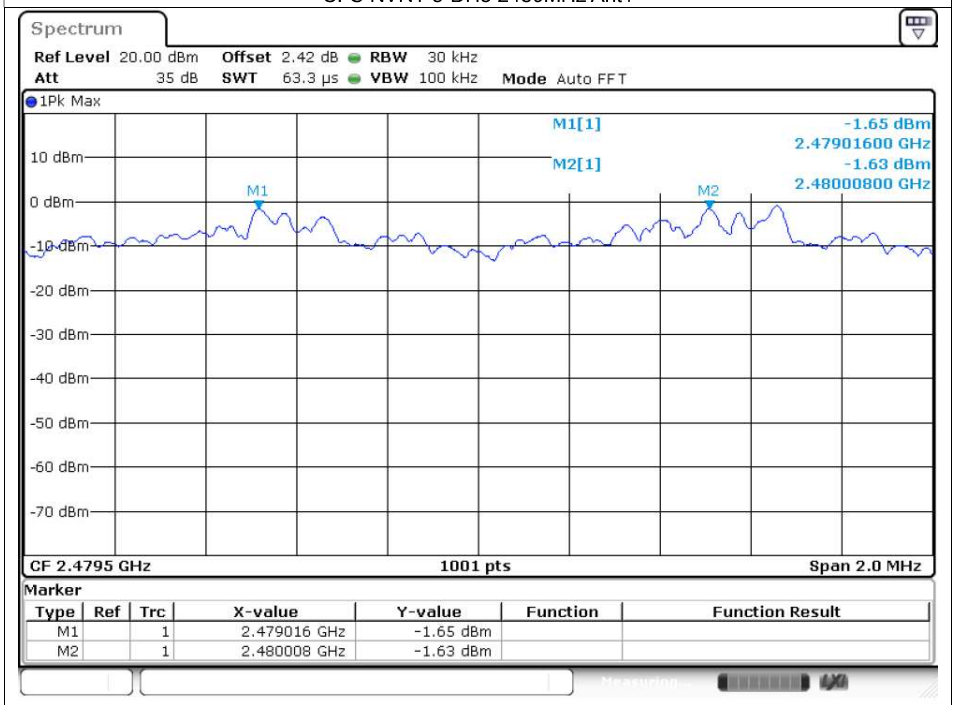
CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



CFS NVNT 3-DH5 2480MHz Ant1

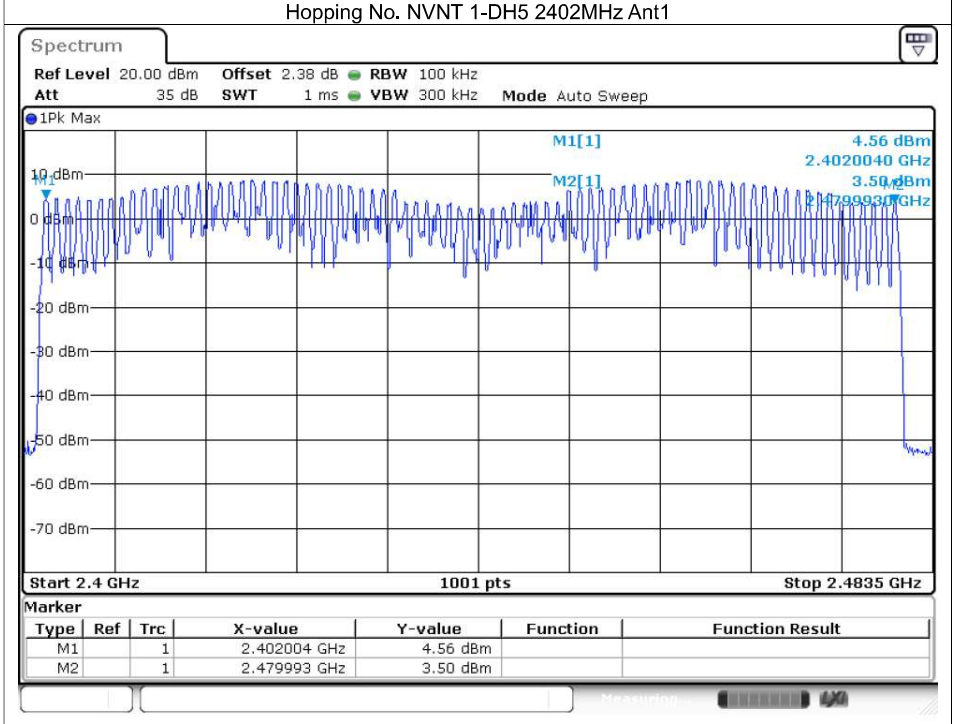


8.6 Number of Hopping Channel

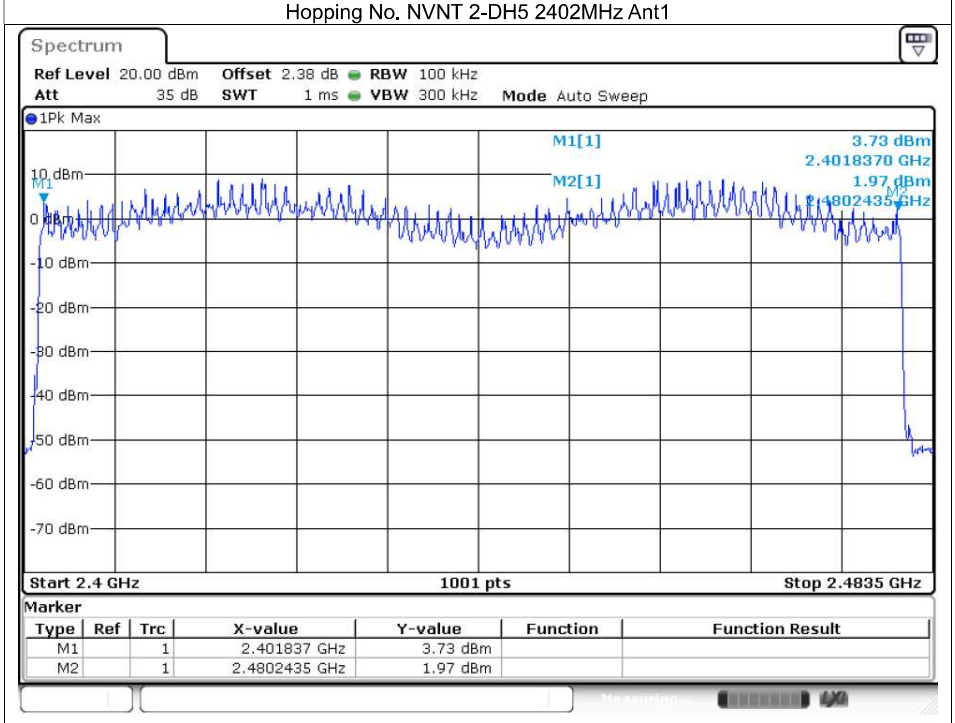
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

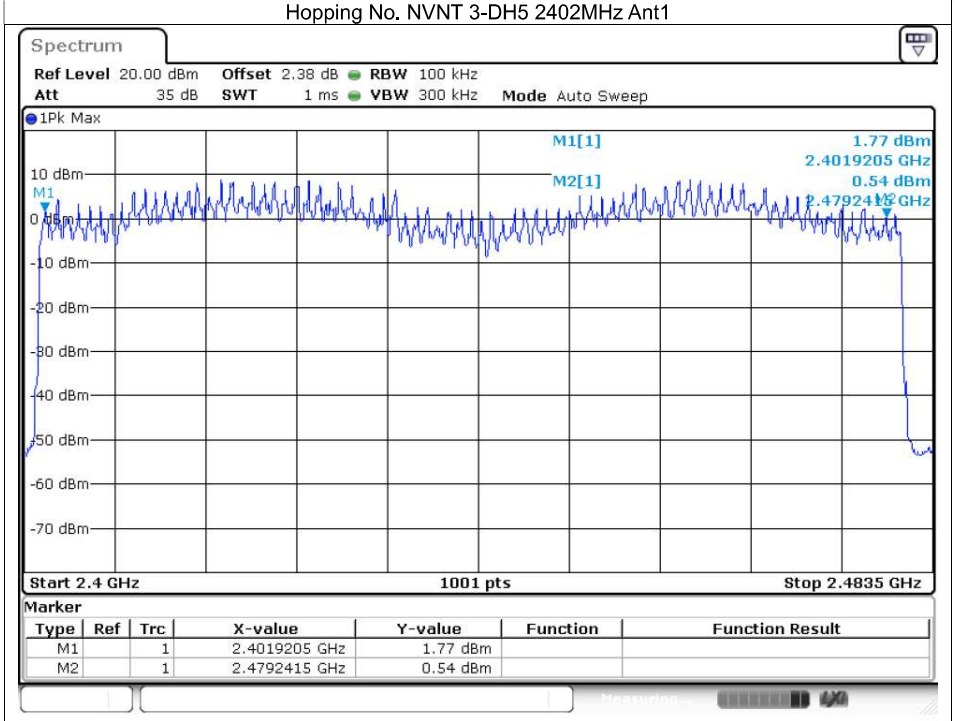
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

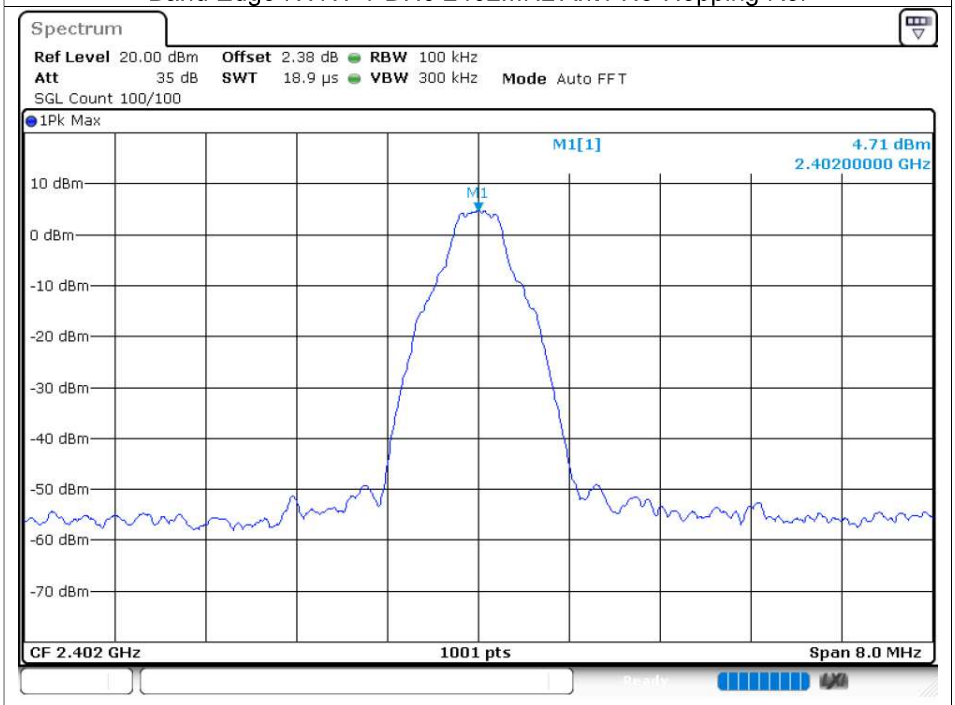


8.7 Band Edge

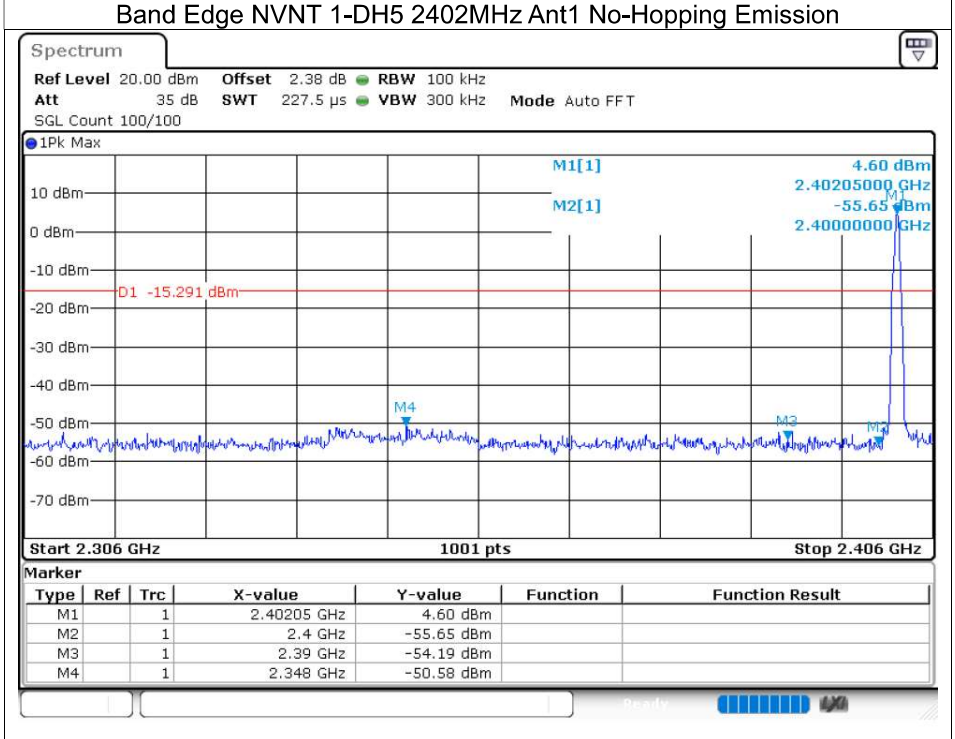
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55.28	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.3	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-54.33	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-54.43	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.37	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-50.49	-20	Pass

Test Graphs

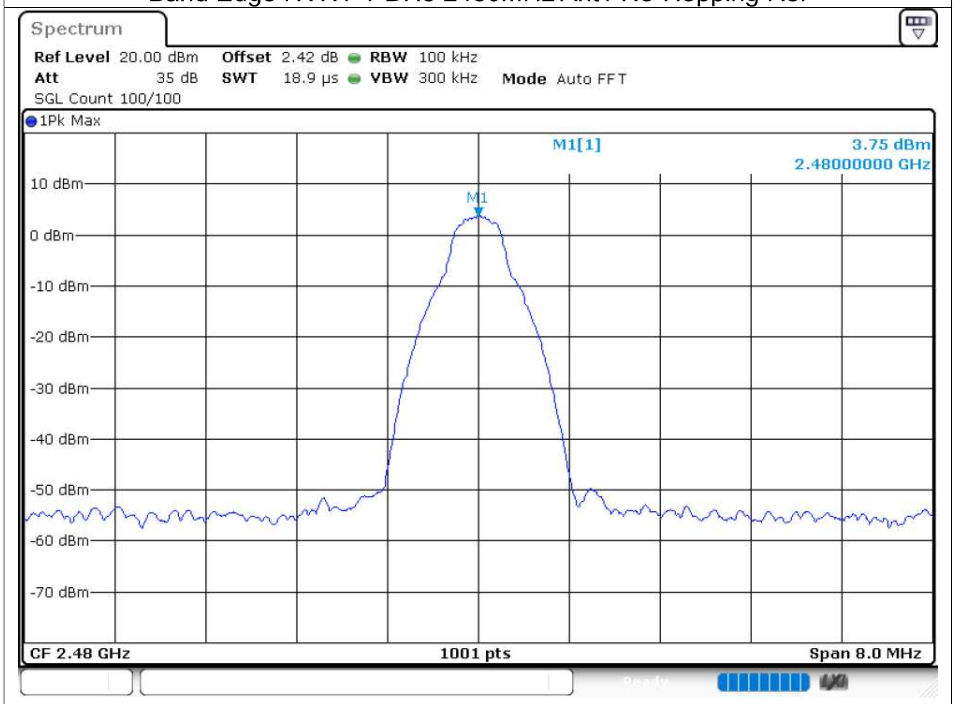
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



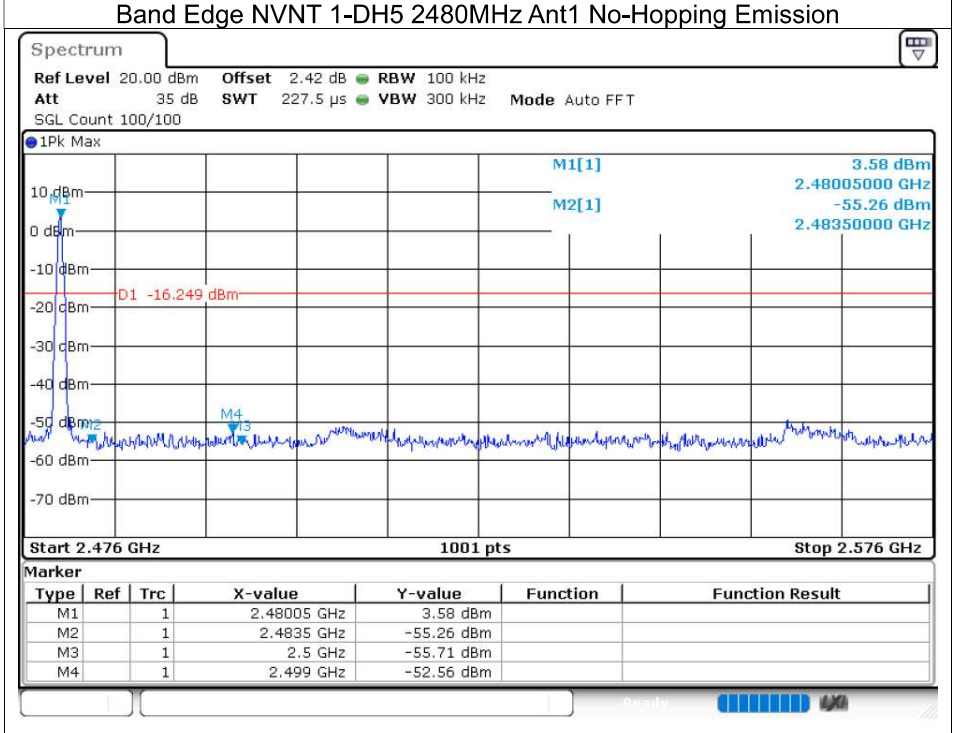
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



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



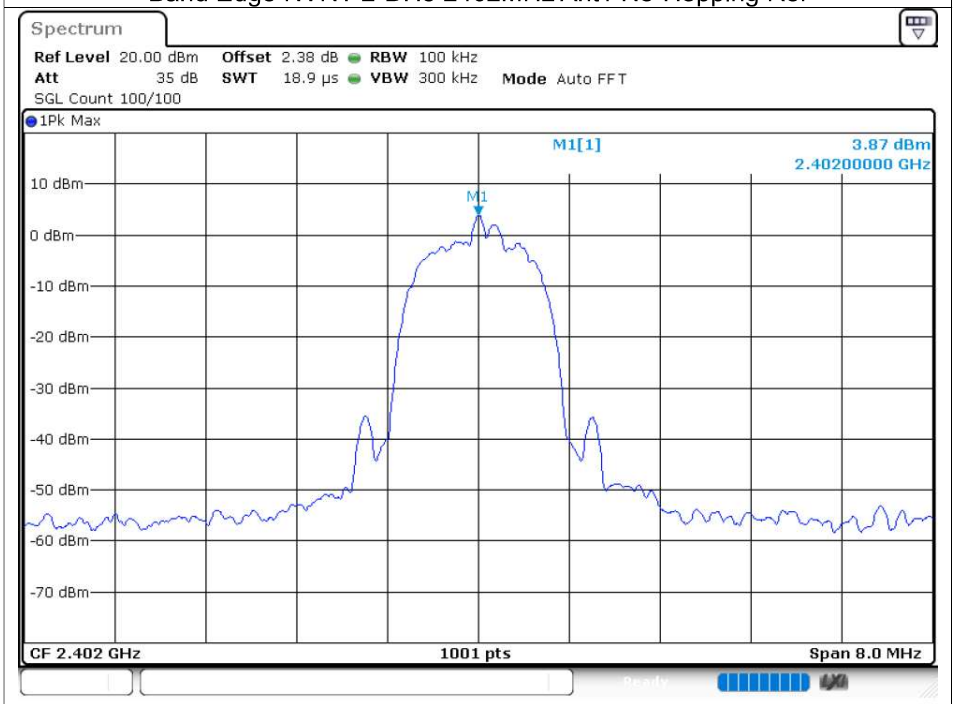
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



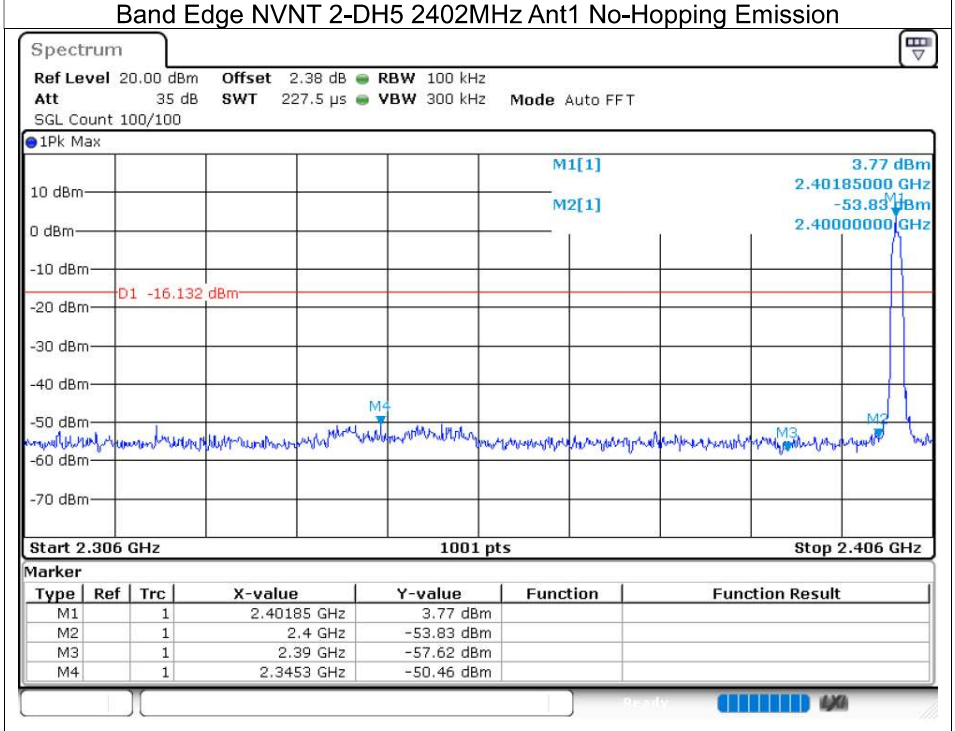
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48005 GHz	3.58 dBm		
M2		1	2.4835 GHz	-55.26 dBm		
M3		1	2.5 GHz	-55.71 dBm		
M4		1	2.499 GHz	-52.56 dBm		

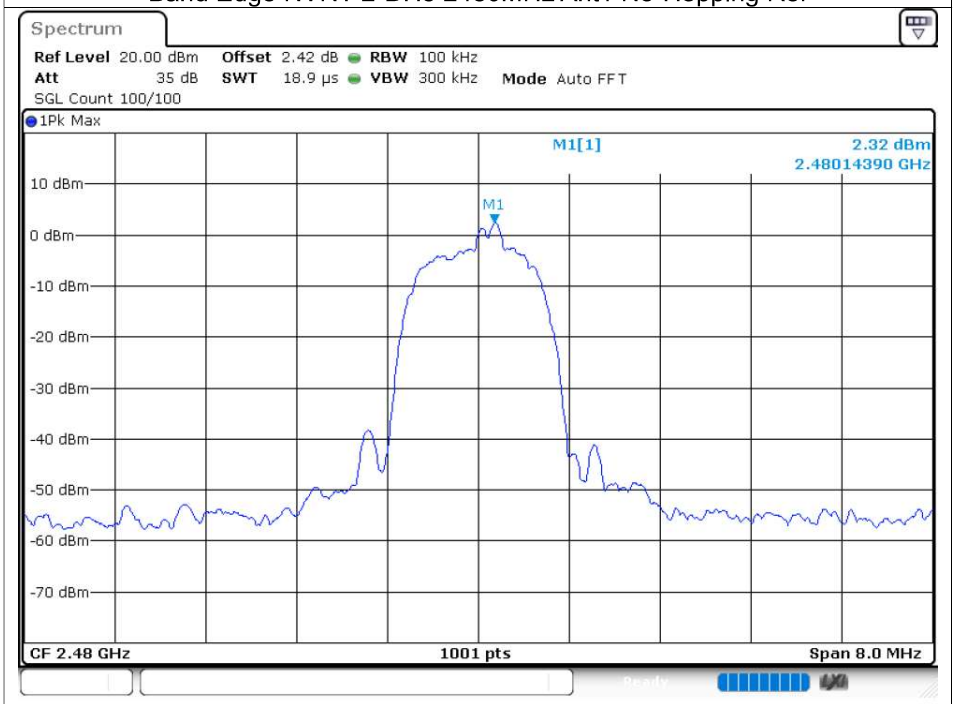
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



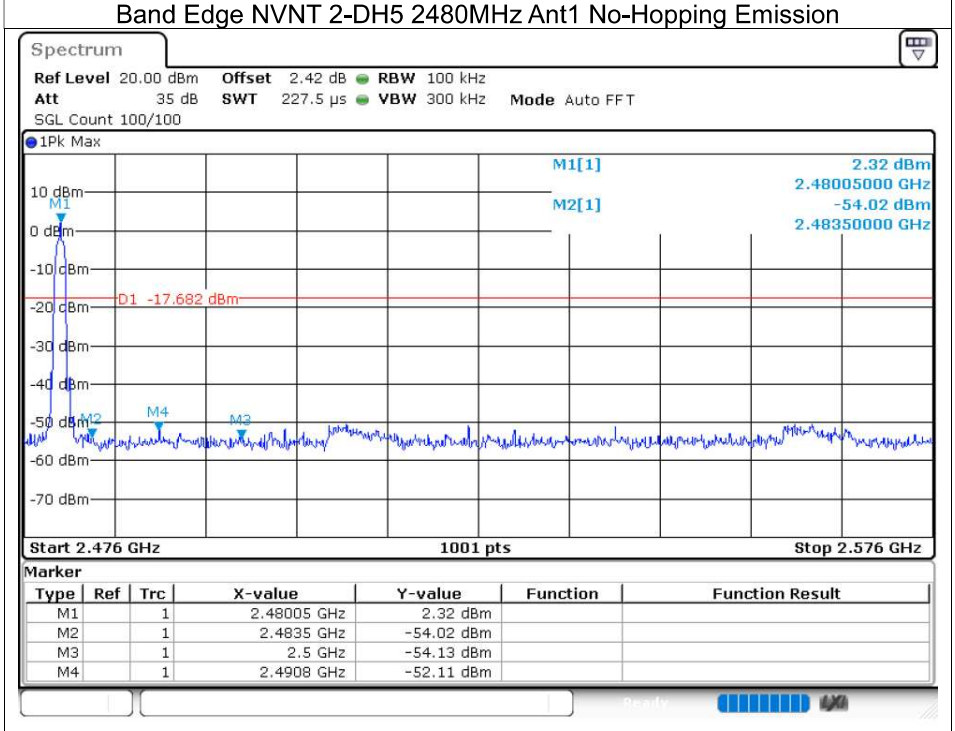
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



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



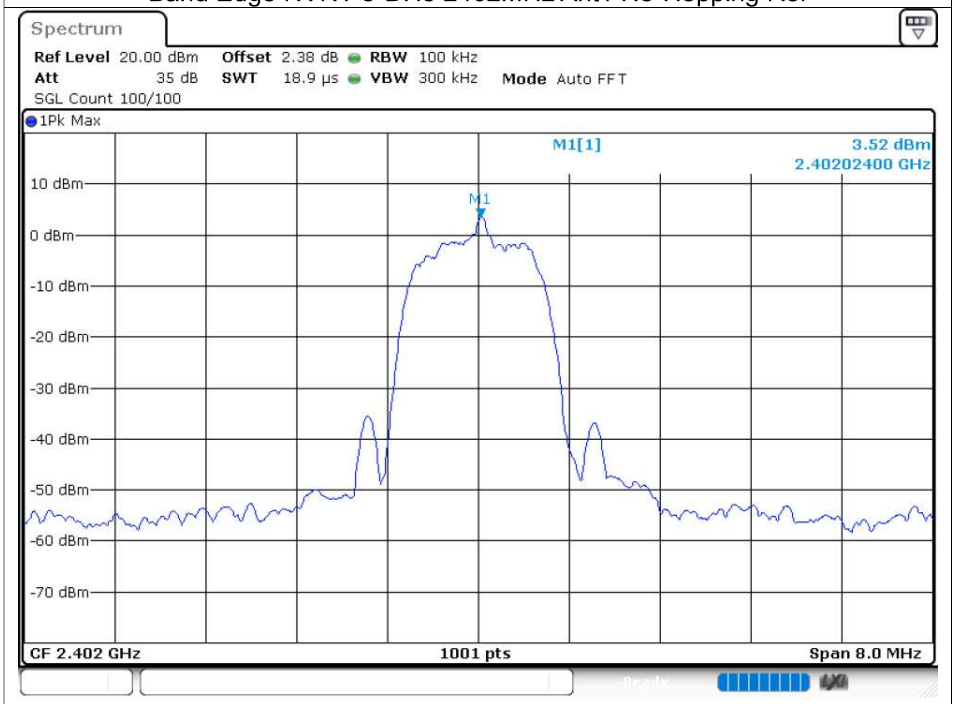
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



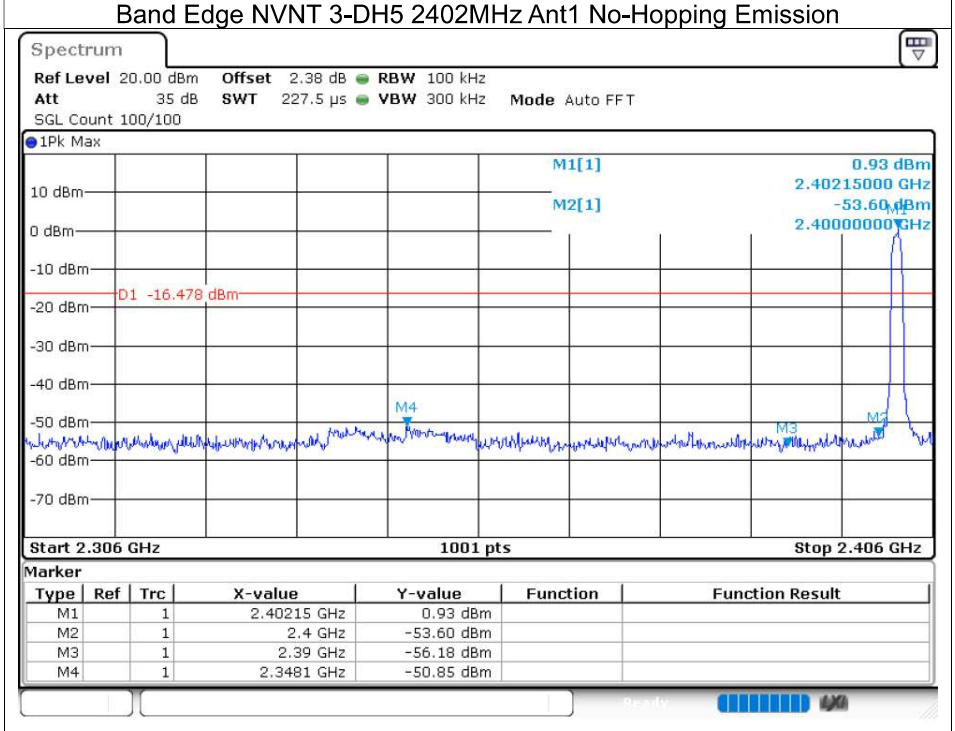
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48005 GHz	2.32 dBm		
M2		1	2.4835 GHz	-54.02 dBm		
M3		1	2.5 GHz	-54.13 dBm		
M4		1	2.4908 GHz	-52.11 dBm		

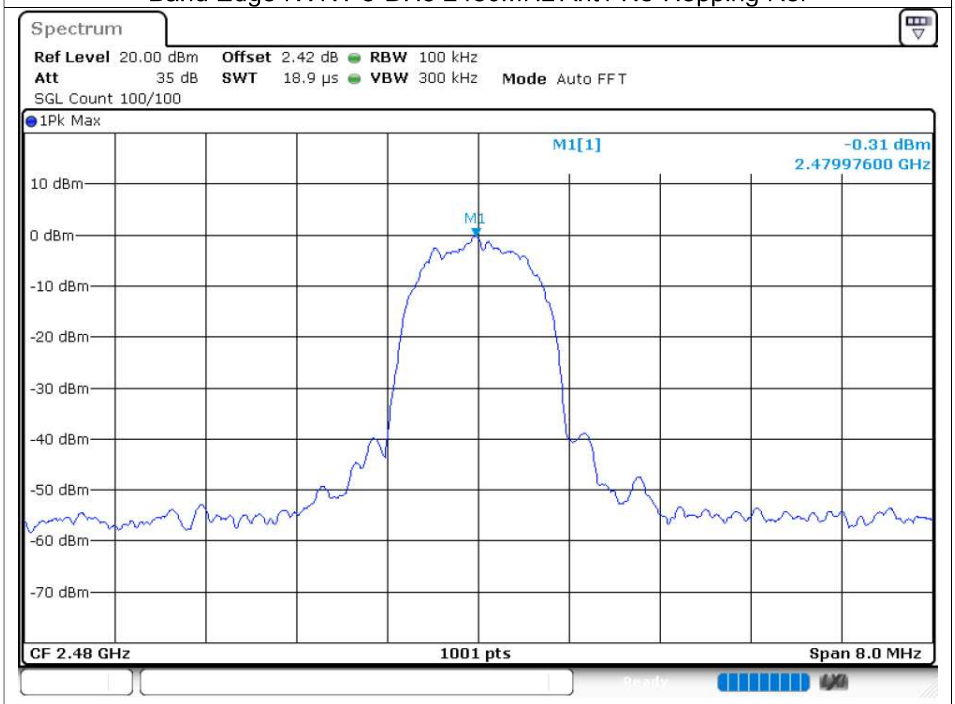
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



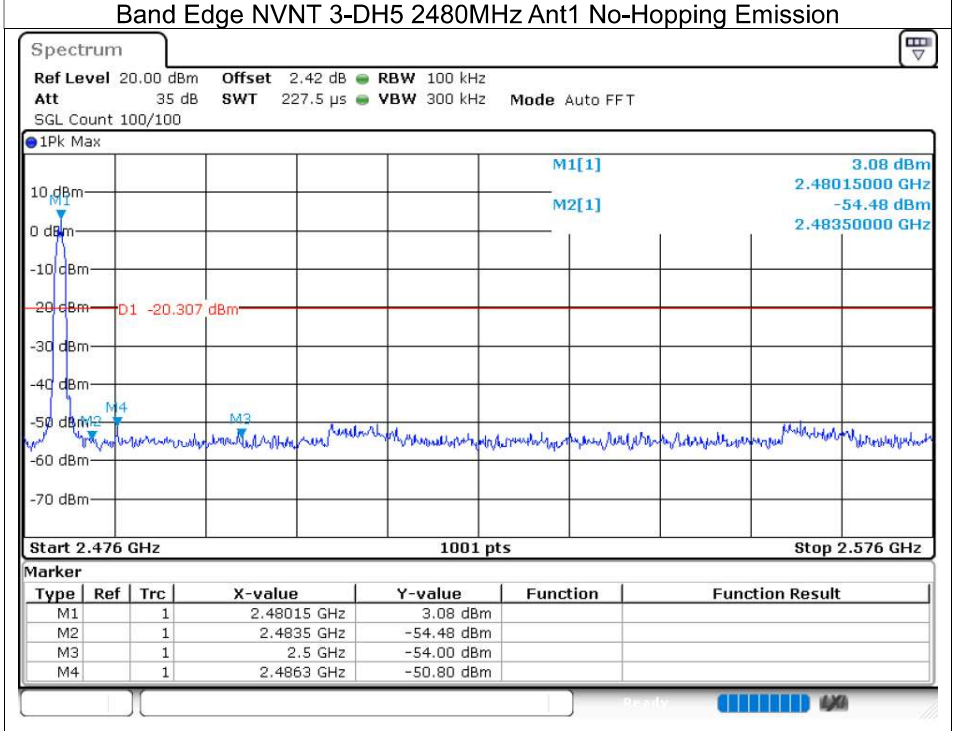
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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



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

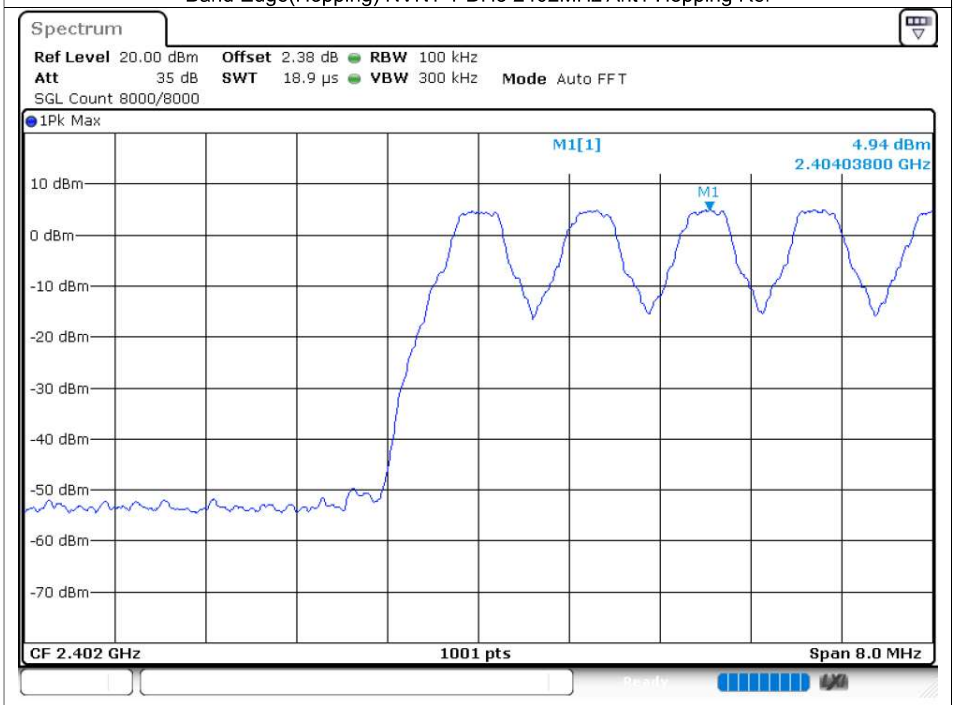


8.8 Band Edge(Hopping)

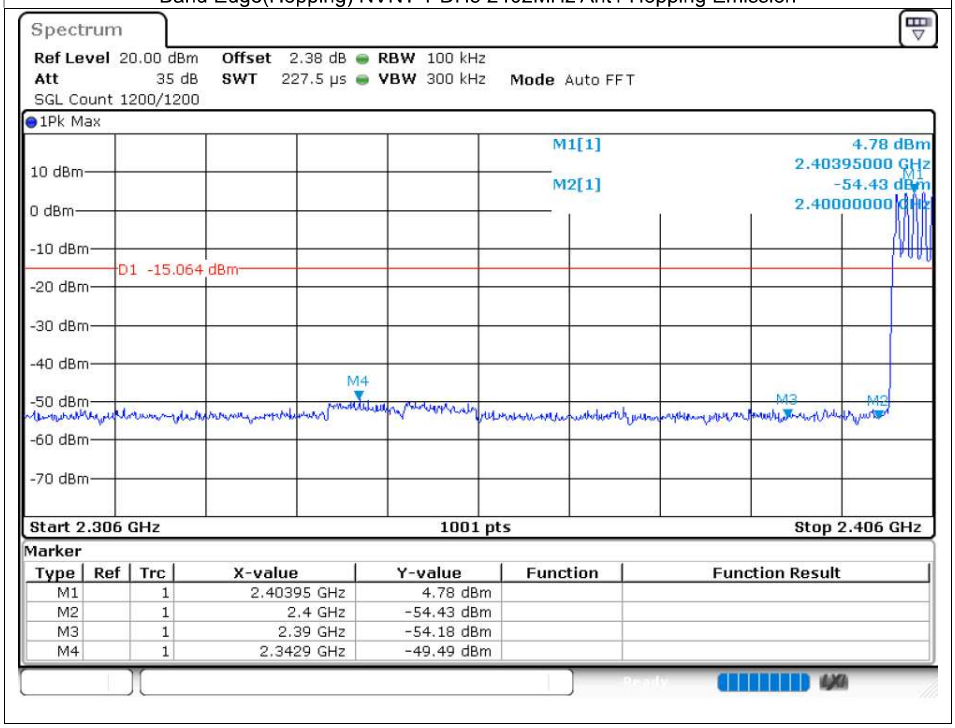
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-54.43	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55.68	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-53.5	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-55.18	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-52.76	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.95	-20	Pass

Test Graphs

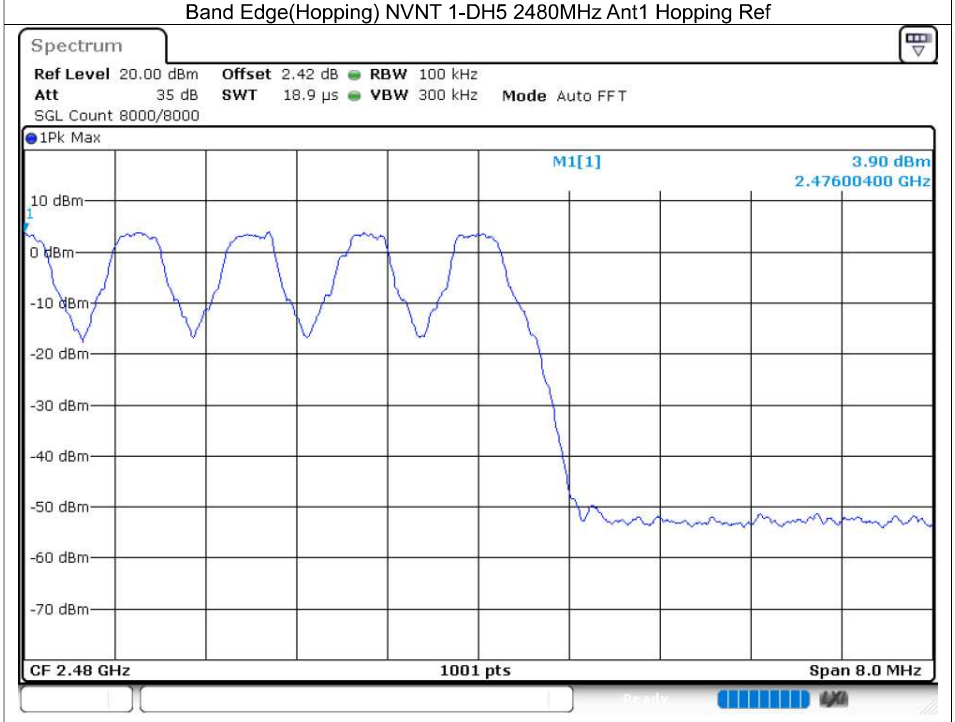
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



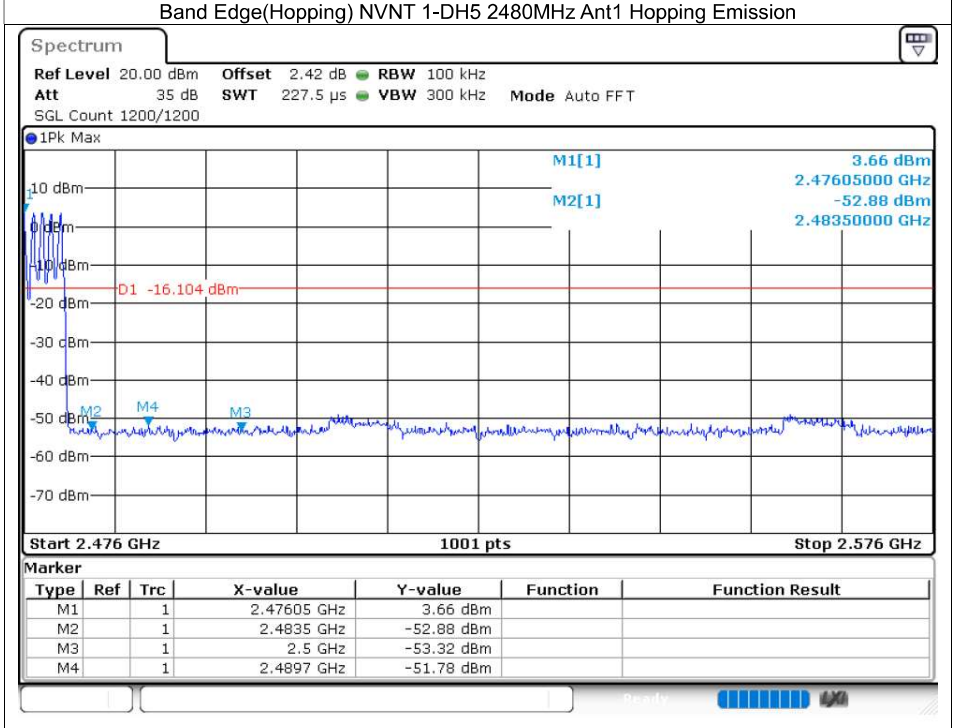
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



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



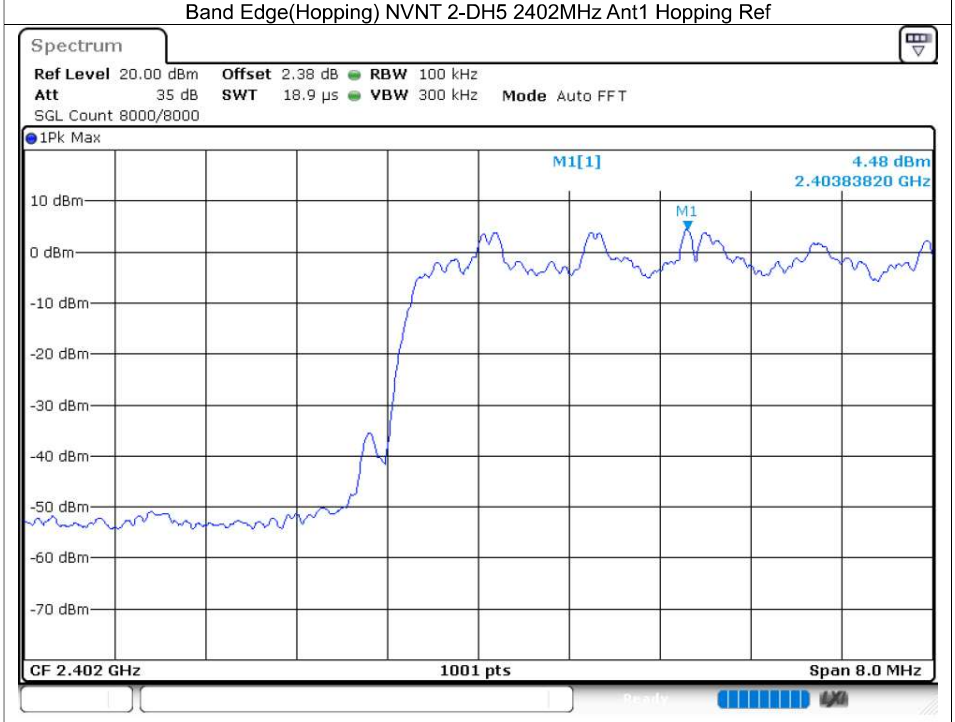
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



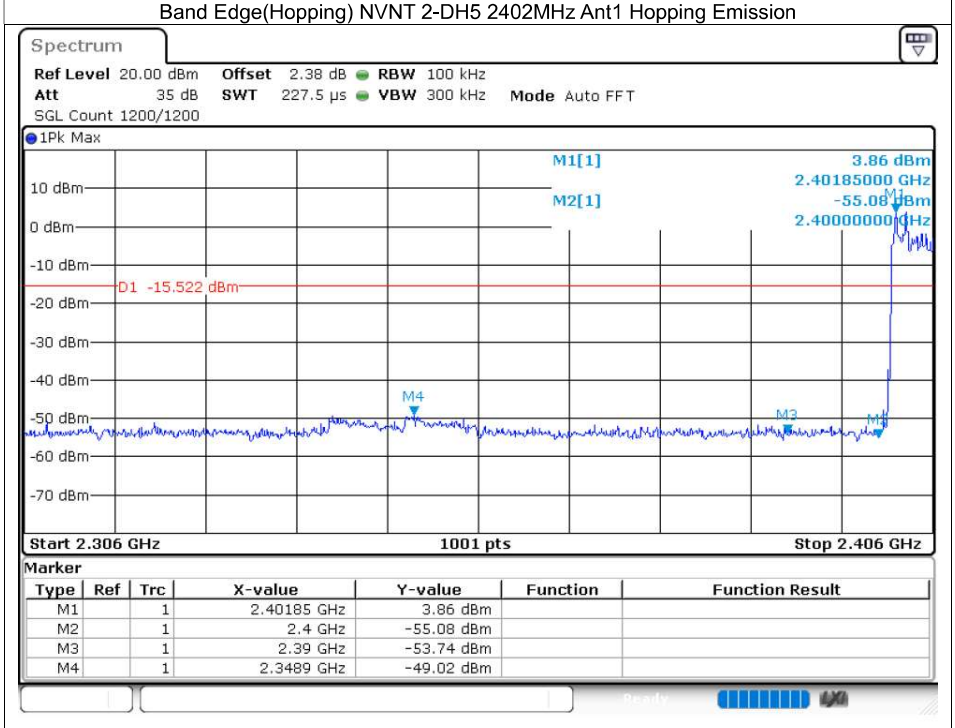
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47605 GHz	3.66 dBm		
M2		1	2.4835 GHz	-52.88 dBm		
M3		1	2.5 GHz	-53.32 dBm		
M4		1	2.4897 GHz	-51.78 dBm		

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



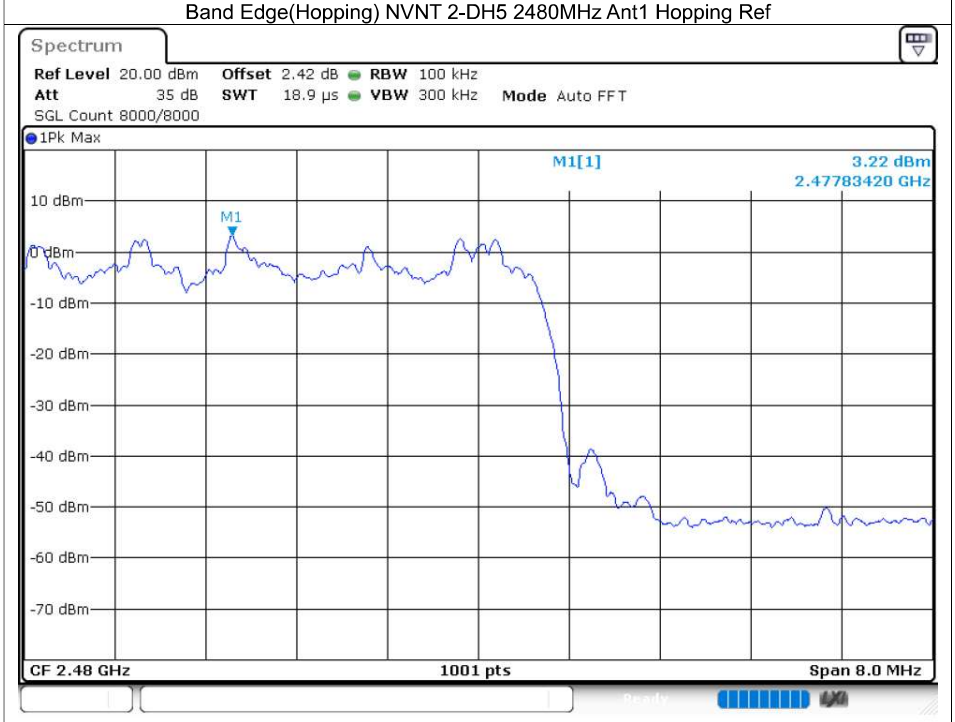
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



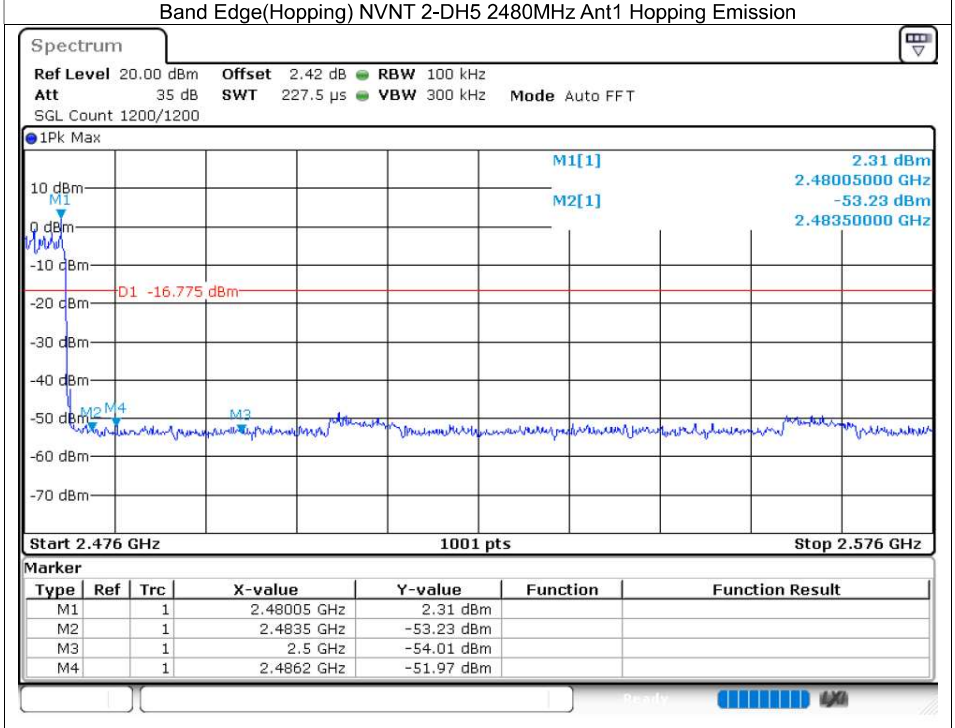
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40185 GHz	3.86 dBm		
M2		1	2.4 GHz	-55.08 dBm		
M3		1	2.39 GHz	-53.74 dBm		
M4		1	2.3489 GHz	-49.02 dBm		

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



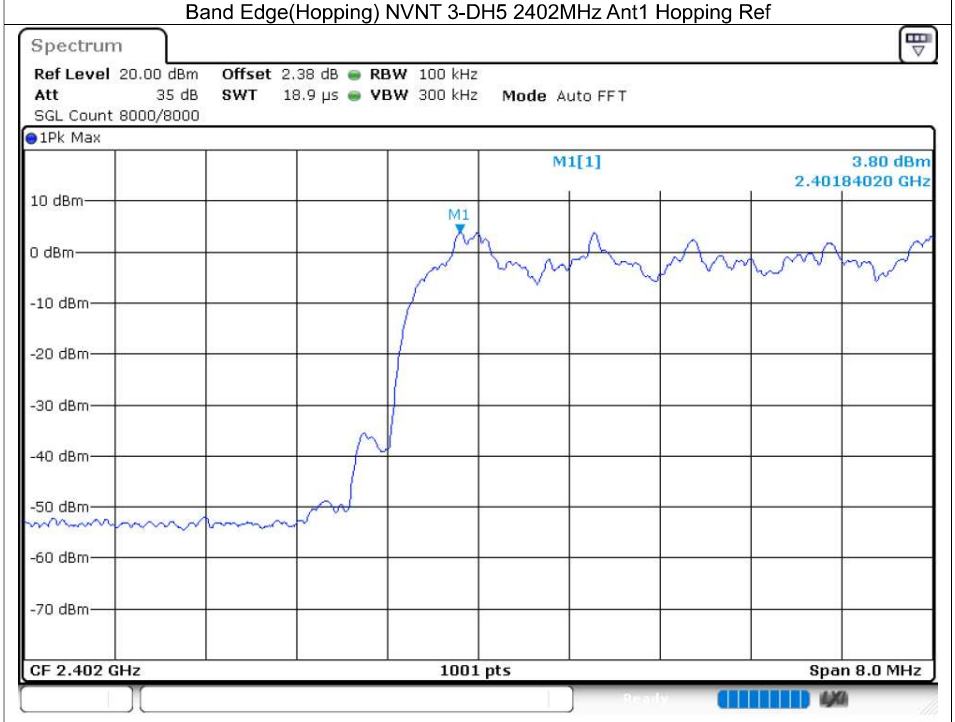
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



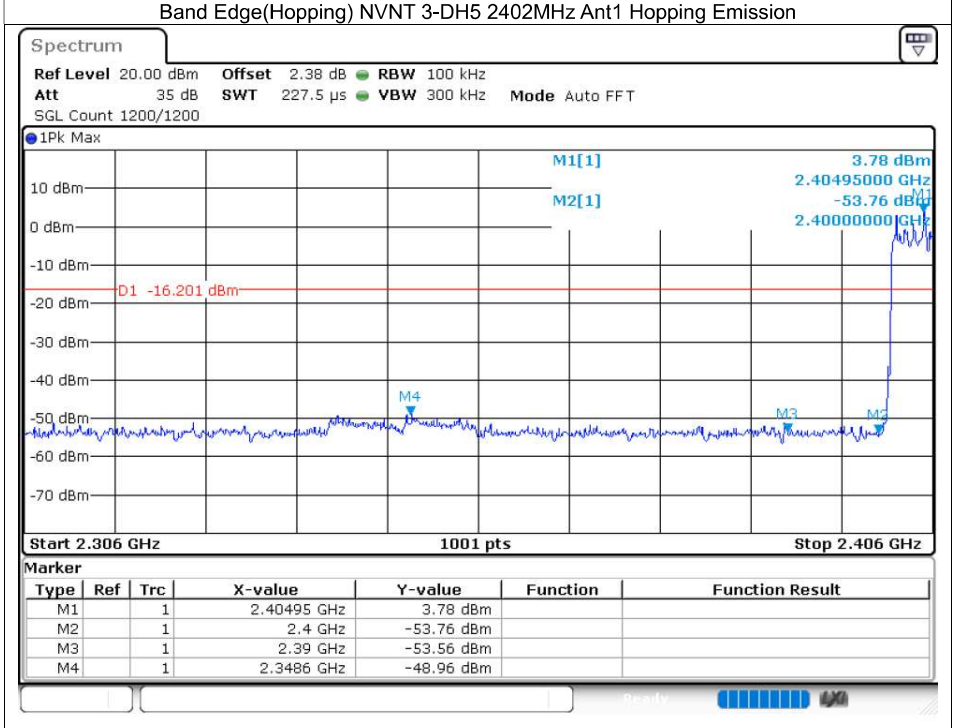
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48005 GHz	2.31 dBm		
M2		1	2.4835 GHz	-53.23 dBm		
M3		1	2.5 GHz	-54.01 dBm		
M4		1	2.4862 GHz	-51.97 dBm		

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



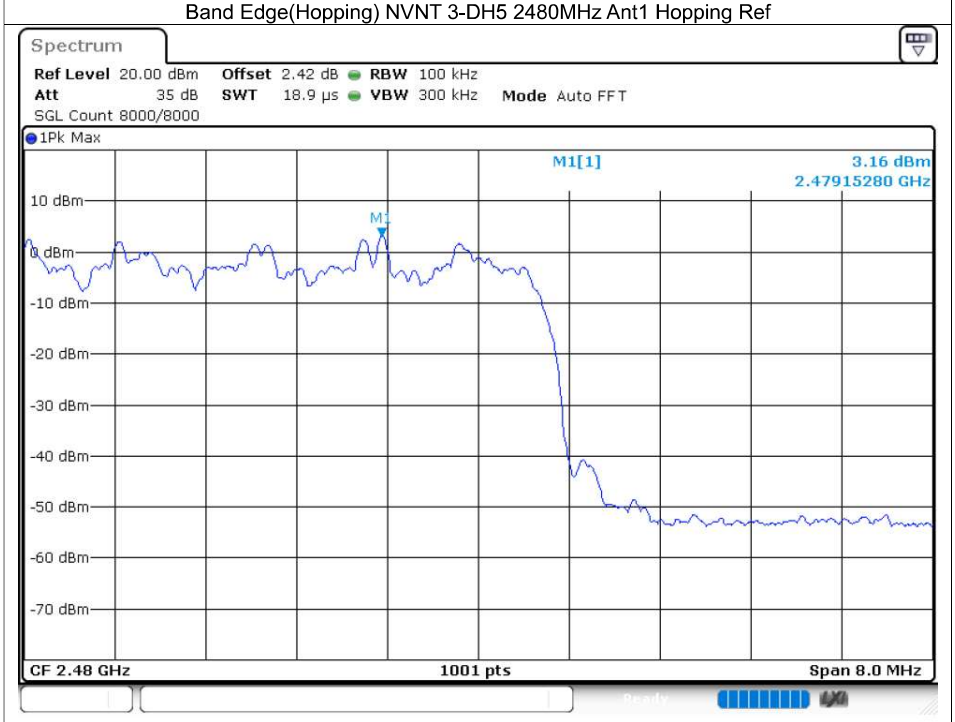
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



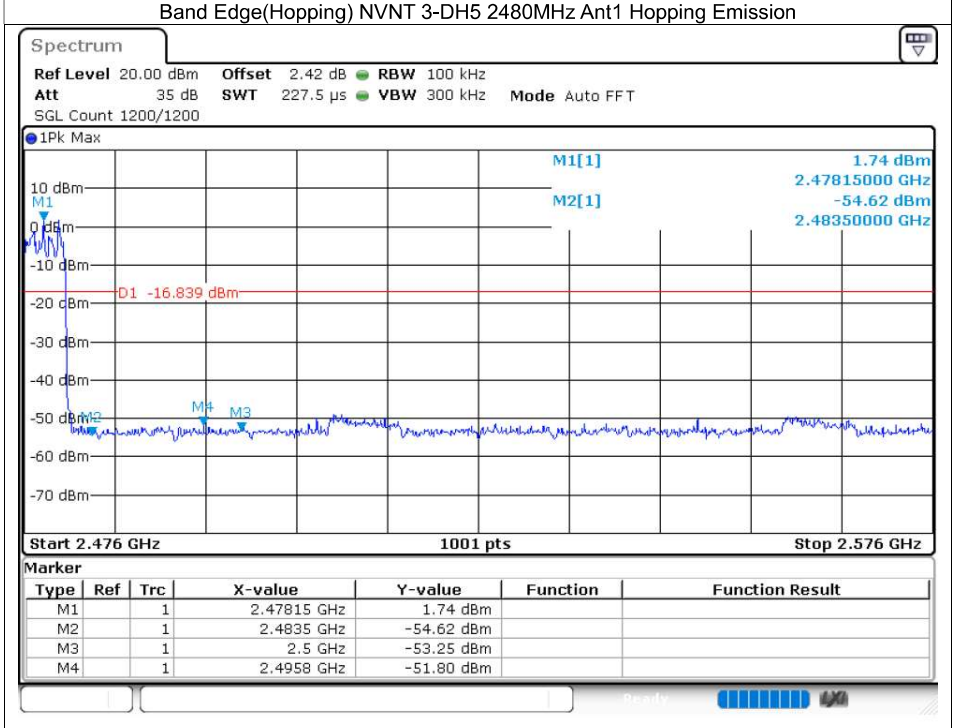
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40495 GHz	3.78 dBm		
M2		1	2.4 GHz	-53.76 dBm		
M3		1	2.39 GHz	-53.56 dBm		
M4		1	2.3486 GHz	-48.96 dBm		

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



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



Marker

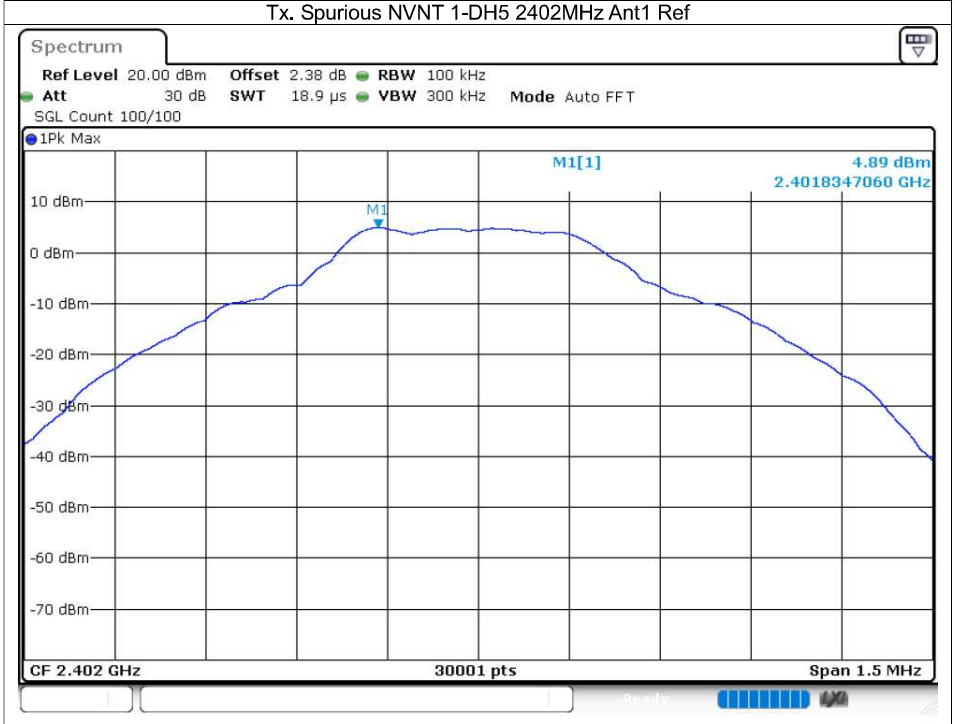
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47815 GHz	1.74 dBm		
M2		1	2.4835 GHz	-54.62 dBm		
M3		1	2.5 GHz	-53.25 dBm		
M4		1	2.4958 GHz	-51.80 dBm		

8.9 Conducted RF Spurious Emission

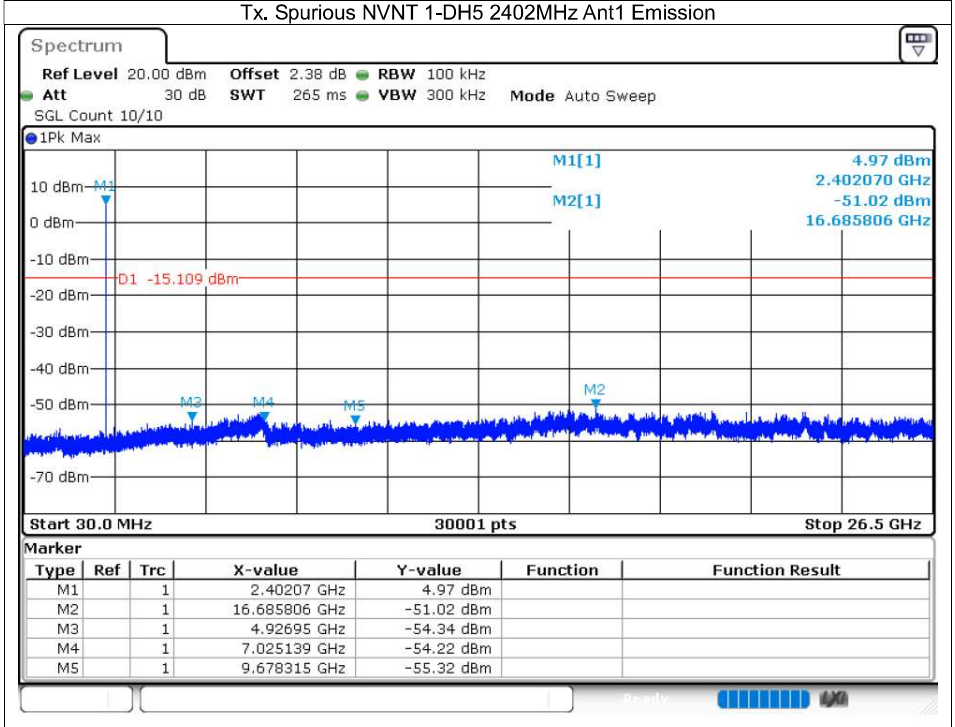
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.9	-20	Pass
NVNT	1-DH5	2441	Ant1	-53.3	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.22	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.04	-20	Pass
NVNT	2-DH5	2441	Ant1	-52.98	-20	Pass
NVNT	2-DH5	2480	Ant1	-51.67	-20	Pass
NVNT	3-DH5	2402	Ant1	-53.78	-20	Pass
NVNT	3-DH5	2441	Ant1	-53.5	-20	Pass
NVNT	3-DH5	2480	Ant1	-50.35	-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



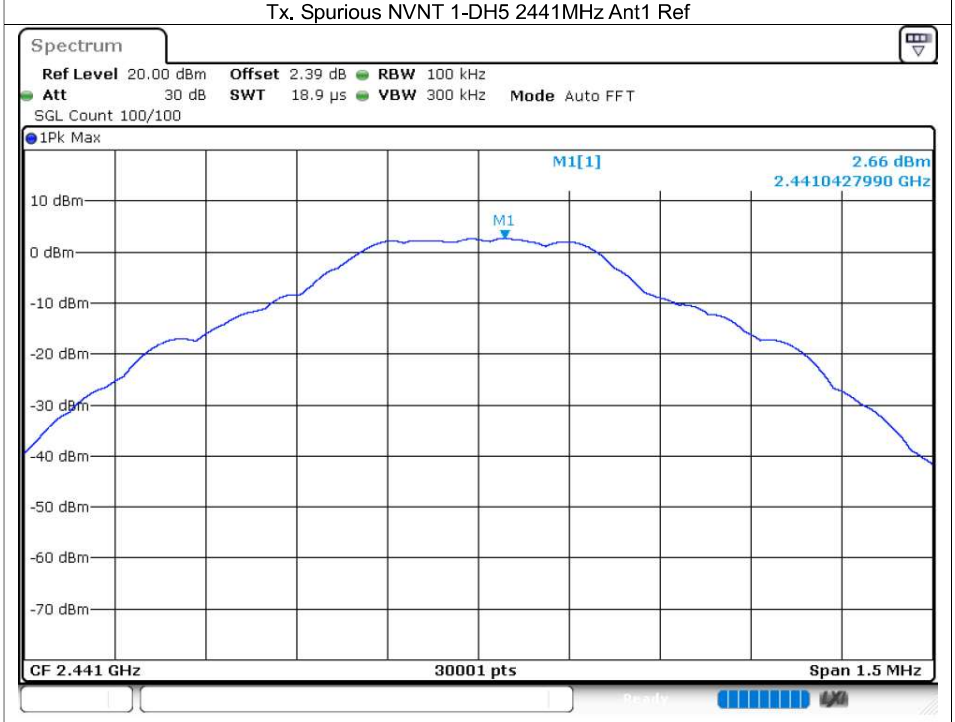
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



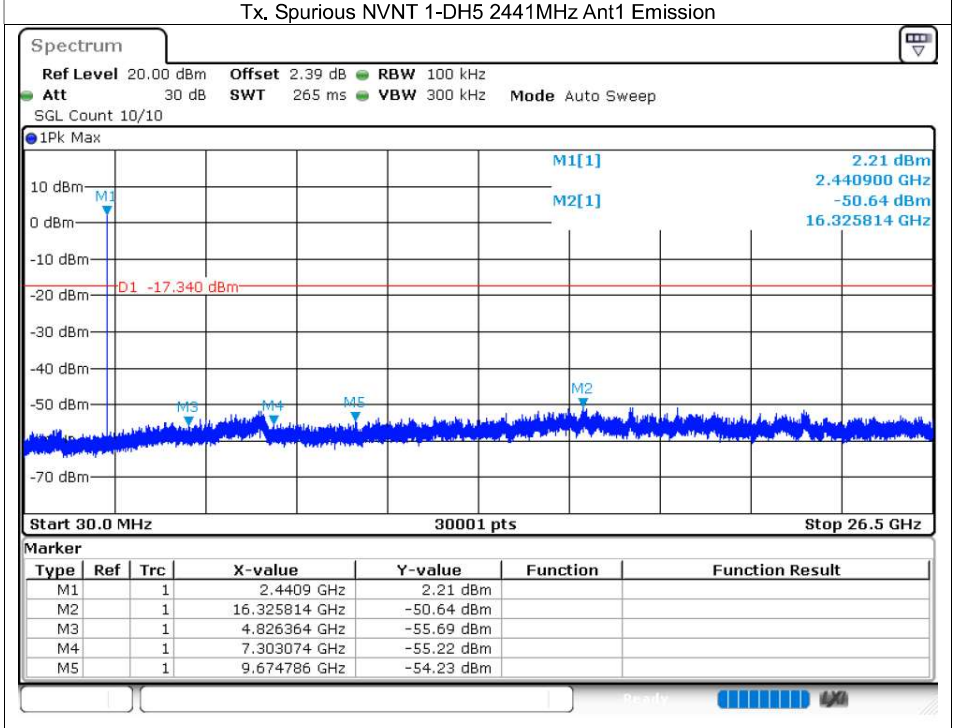
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40207 GHz	4.97 dBm		
M2		1	16.685806 GHz	-51.02 dBm		
M3		1	4.92695 GHz	-54.34 dBm		
M4		1	7.025139 GHz	-54.22 dBm		
M5		1	9.678315 GHz	-55.32 dBm		

Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



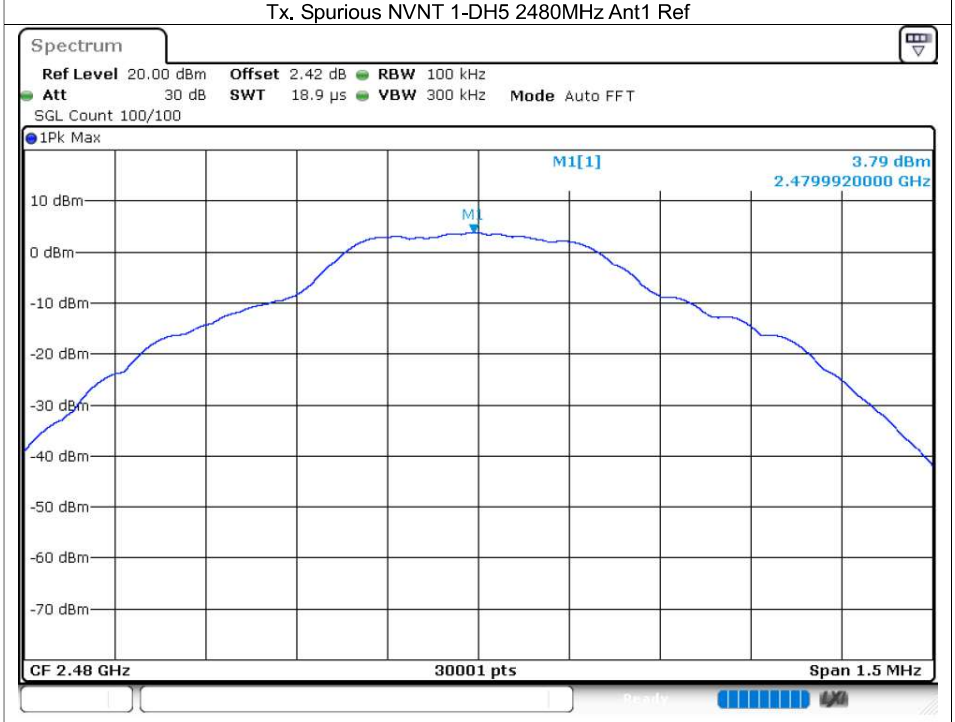
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



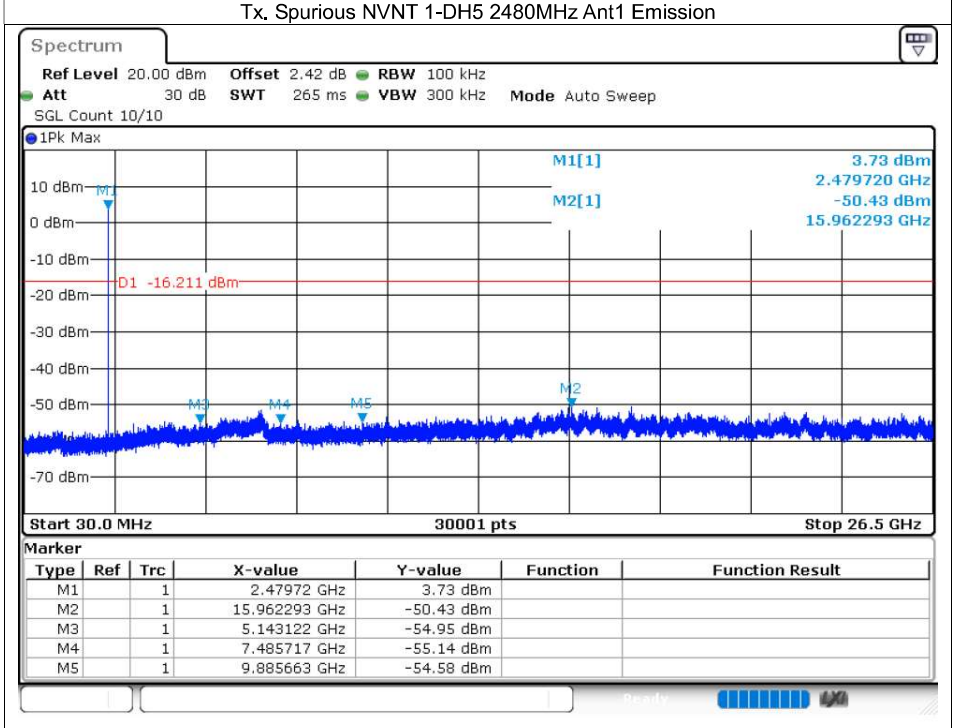
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4409 GHz	2.21 dBm		
M2		1	16.325814 GHz	-50.64 dBm		
M3		1	4.826364 GHz	-55.69 dBm		
M4		1	7.303074 GHz	-55.22 dBm		
M5		1	9.674786 GHz	-54.23 dBm		

Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



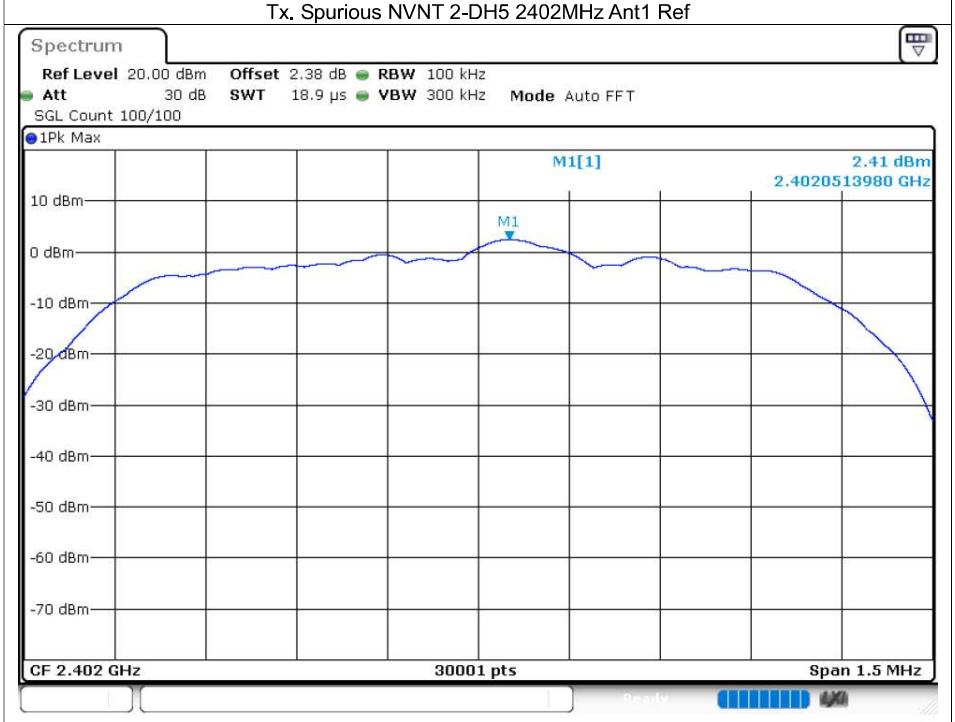
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



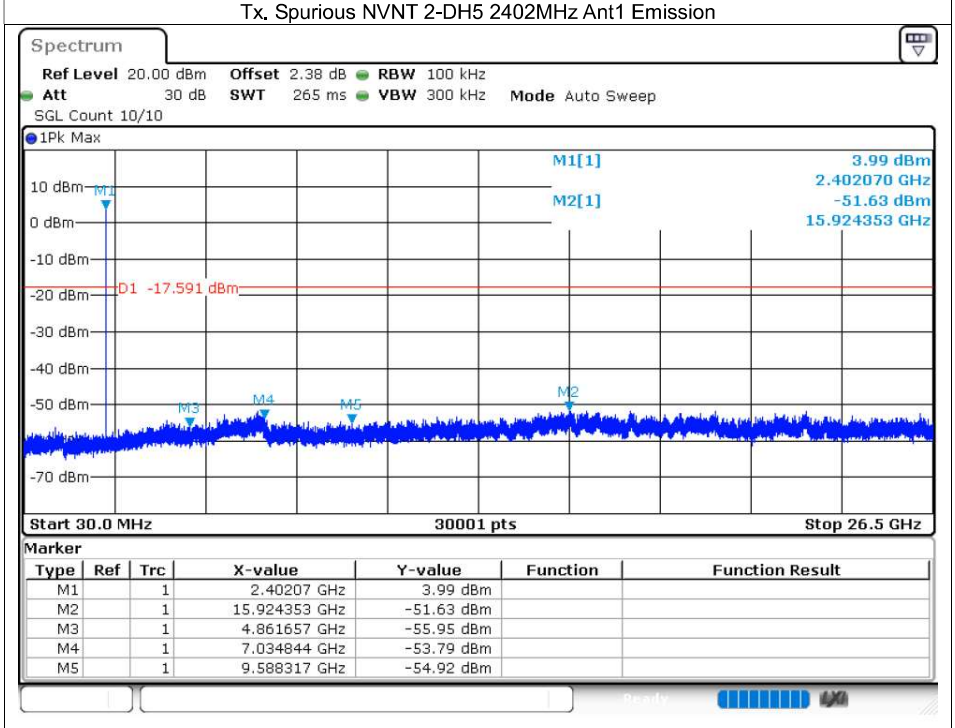
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47972 GHz	3.73 dBm		
M2		1	15.962293 GHz	-50.43 dBm		
M3		1	5.143122 GHz	-54.95 dBm		
M4		1	7.485717 GHz	-55.14 dBm		
M5		1	9.885663 GHz	-54.58 dBm		

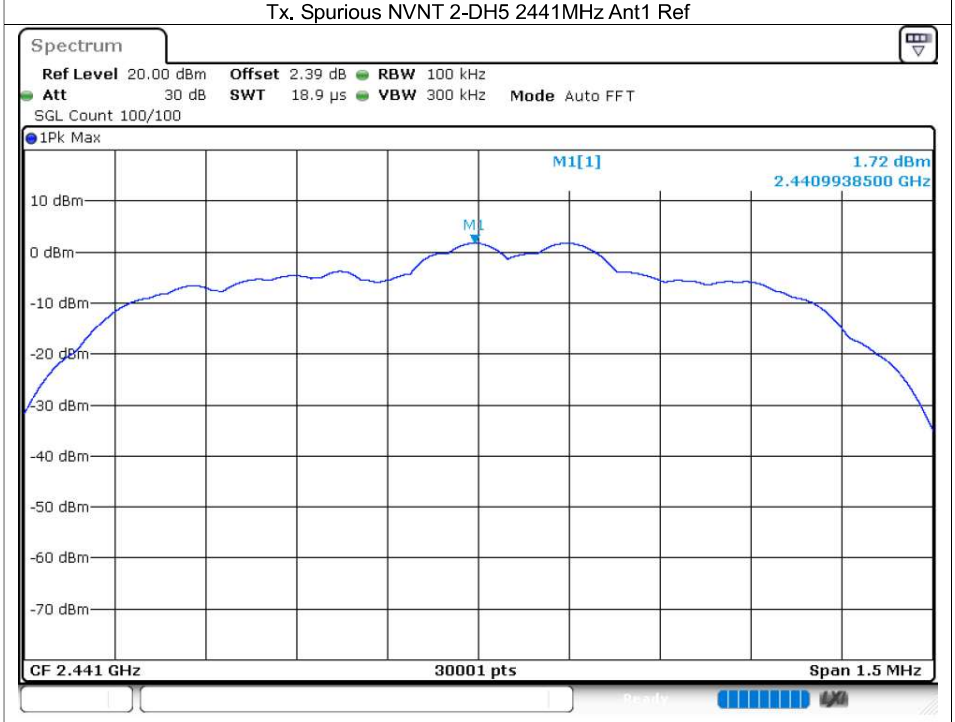
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



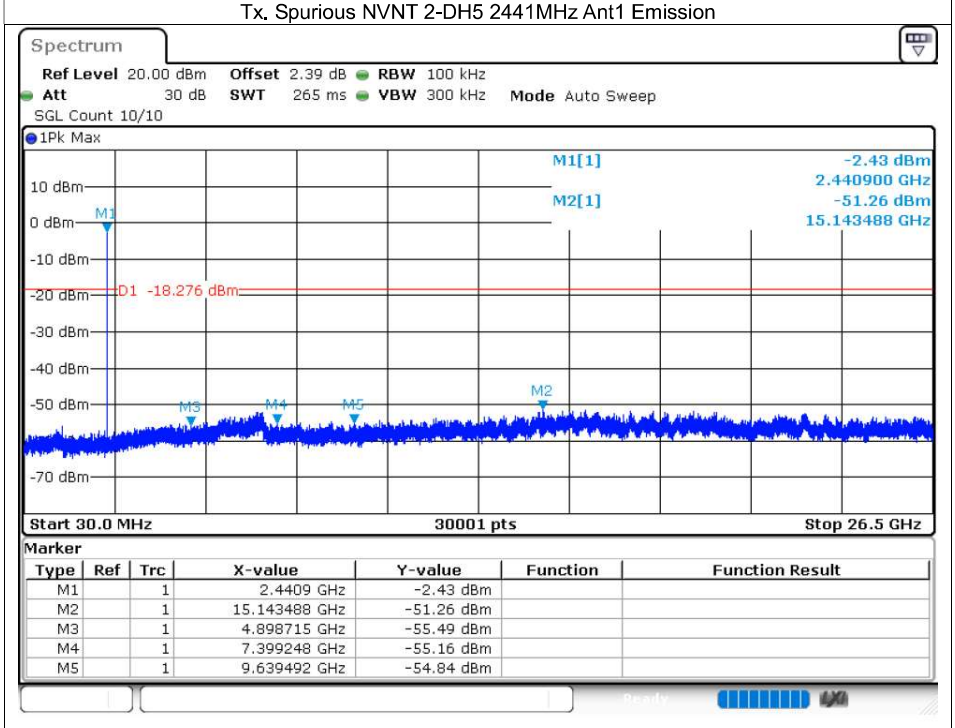
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



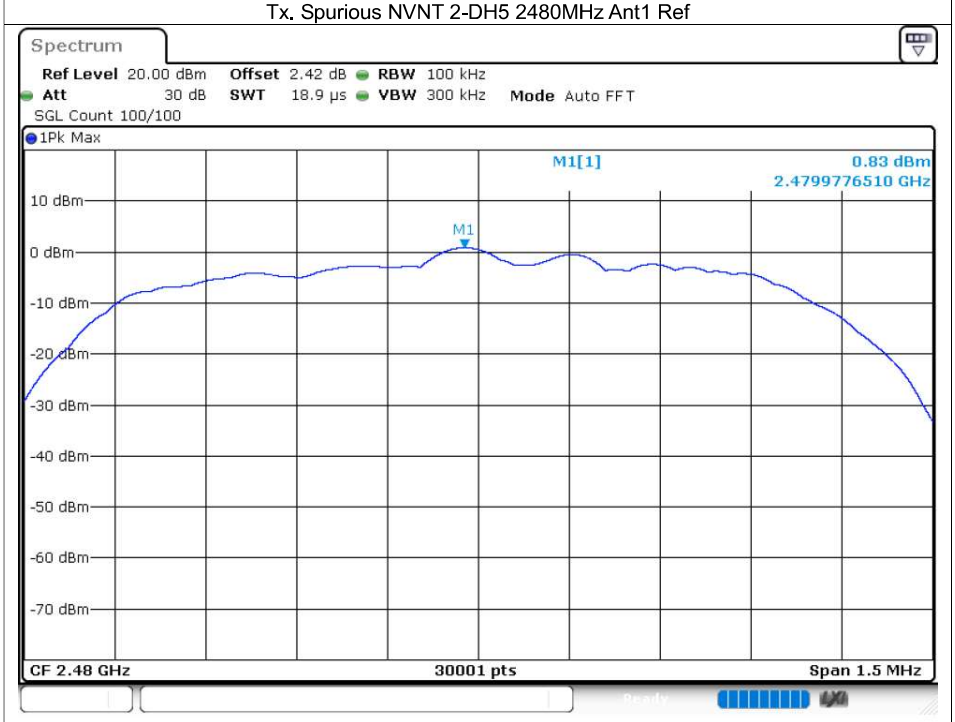
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



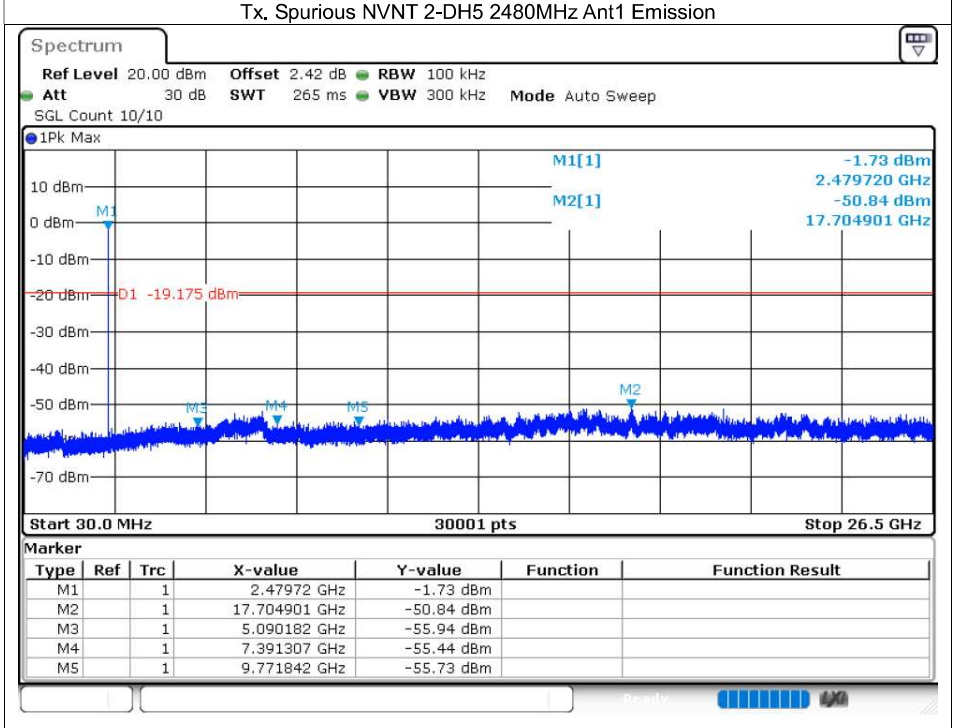
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4409 GHz	-2.43 dBm		
M2		1	15.143488 GHz	-51.26 dBm		
M3		1	4.898715 GHz	-55.49 dBm		
M4		1	7.399248 GHz	-55.16 dBm		
M5		1	9.639492 GHz	-54.84 dBm		

Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



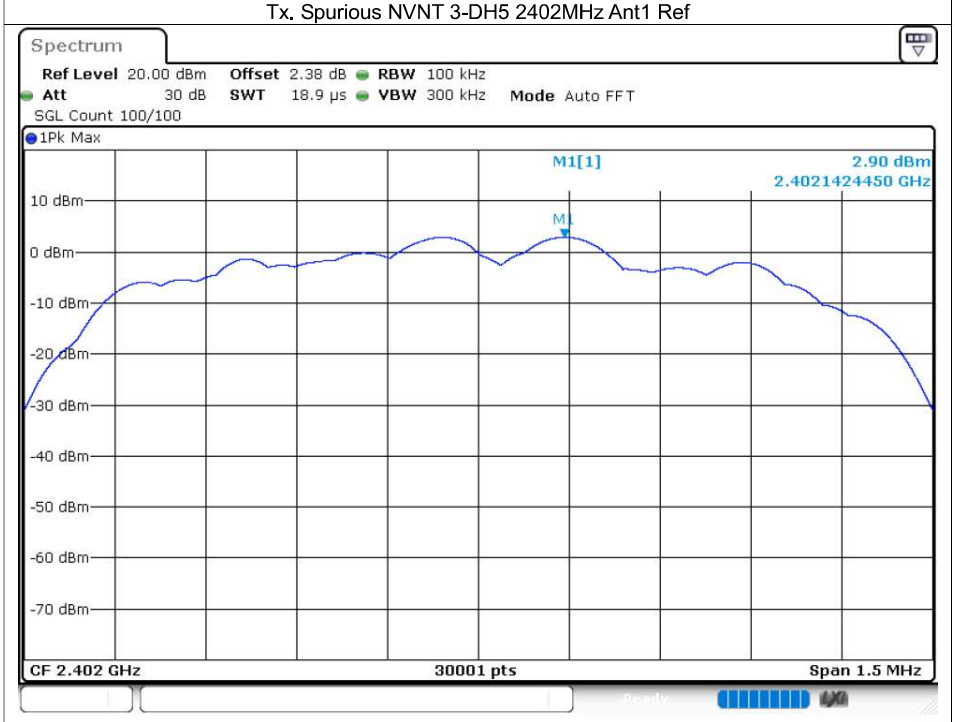
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



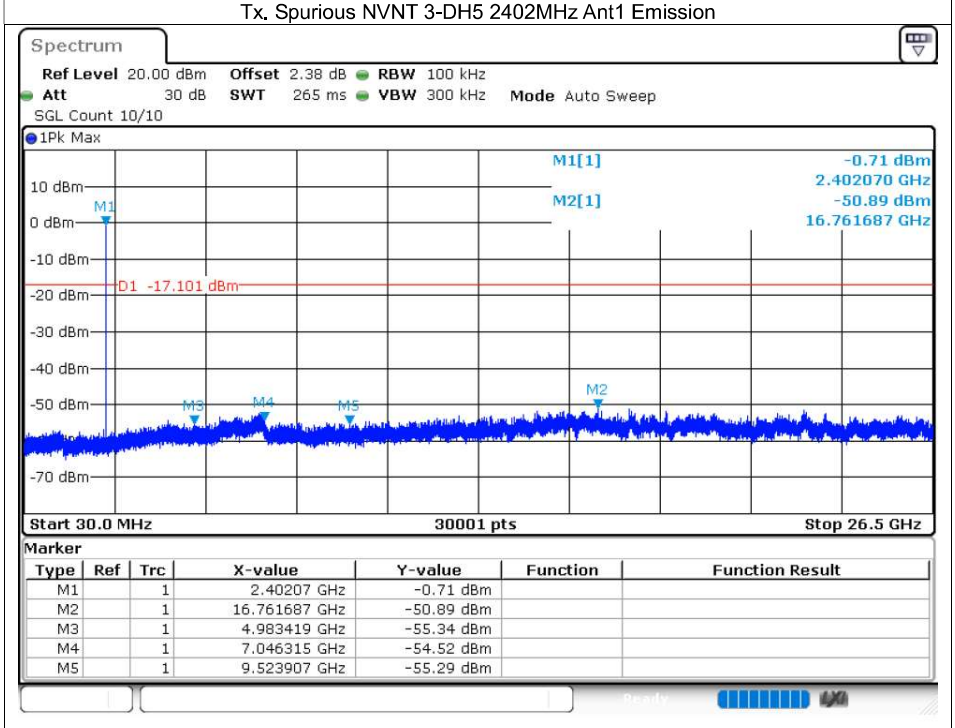
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47972 GHz	-1.73 dBm		
M2		1	17.704901 GHz	-50.84 dBm		
M3		1	5.090182 GHz	-55.94 dBm		
M4		1	7.391307 GHz	-55.44 dBm		
M5		1	9.771842 GHz	-55.73 dBm		

Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



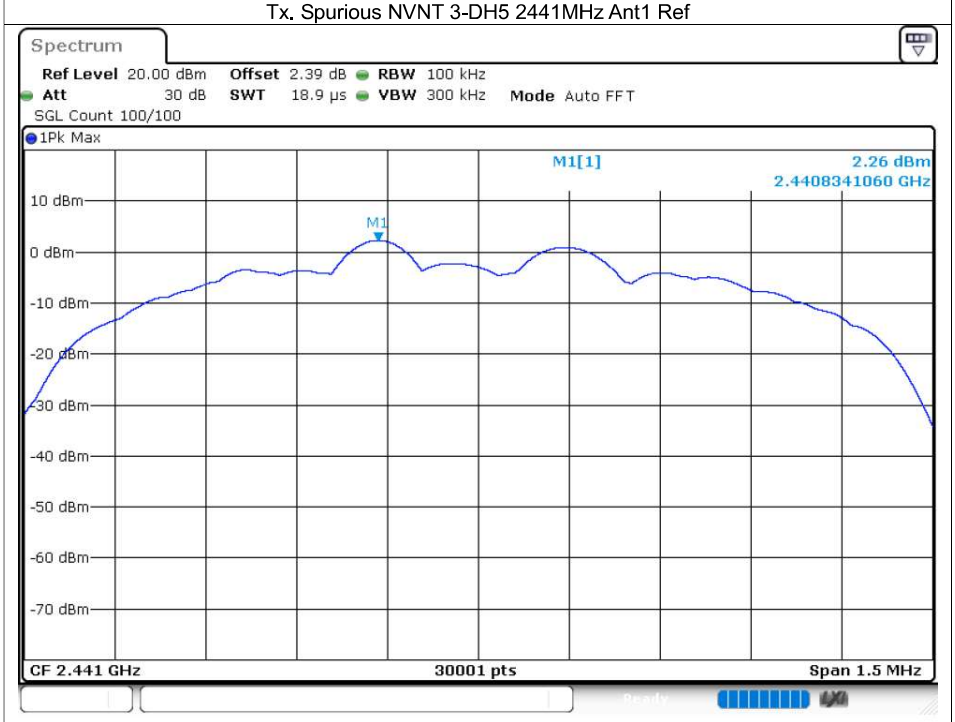
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



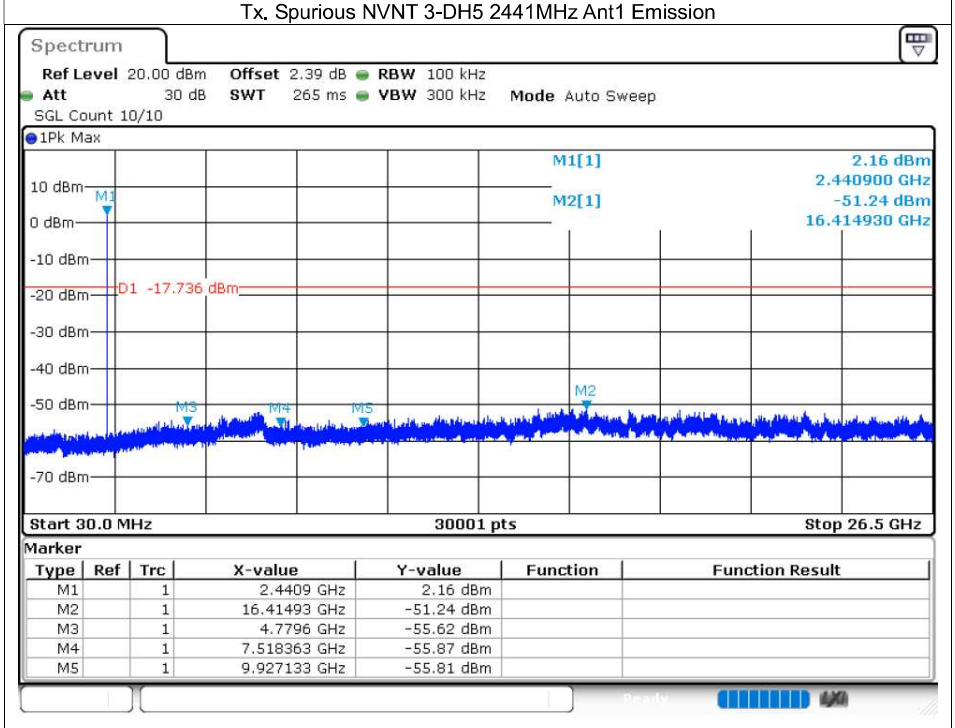
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40207 GHz	-0.71 dBm		
M2		1	16.761687 GHz	-50.89 dBm		
M3		1	4.983419 GHz	-55.34 dBm		
M4		1	7.046315 GHz	-54.52 dBm		
M5		1	9.523907 GHz	-55.29 dBm		

Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



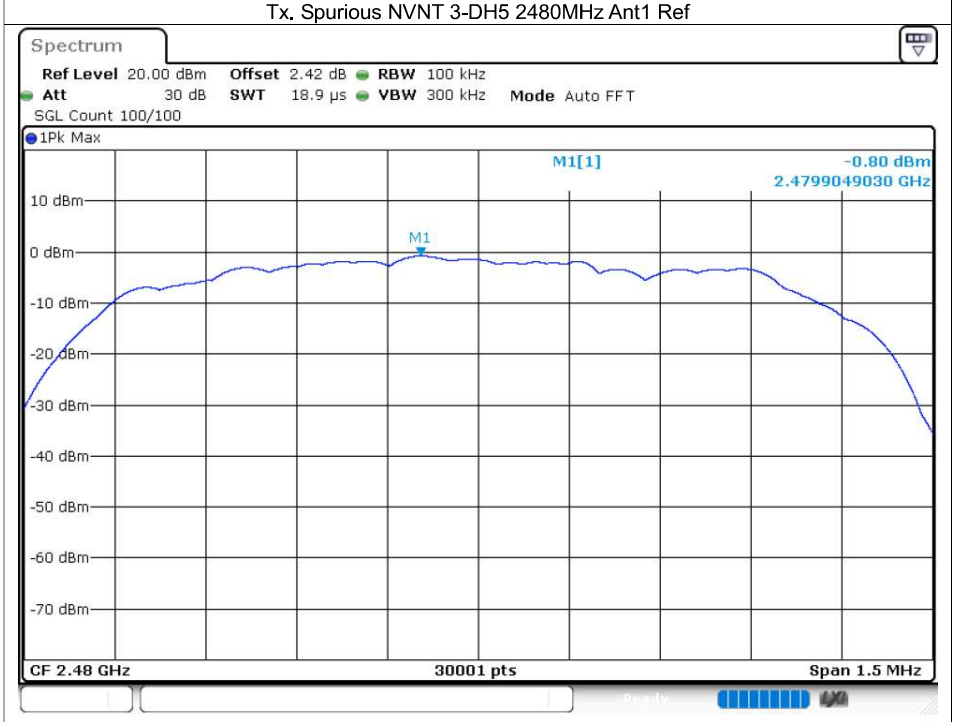
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



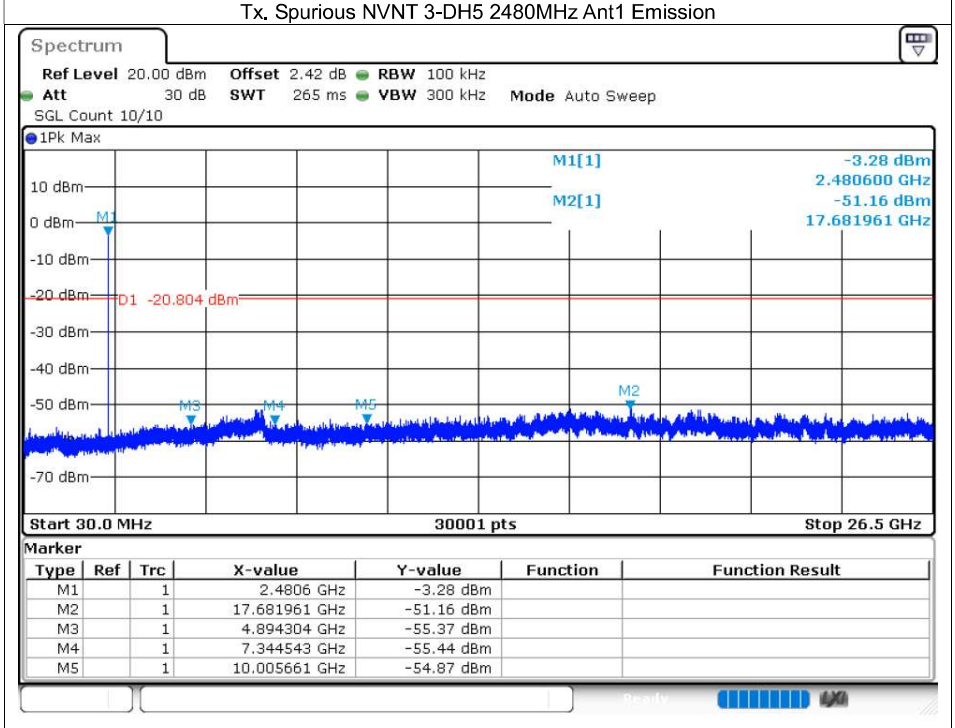
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4409 GHz	2.16 dBm		
M2		1	16.41493 GHz	-51.24 dBm		
M3		1	4.7796 GHz	-55.62 dBm		
M4		1	7.518363 GHz	-55.87 dBm		
M5		1	9.927133 GHz	-55.81 dBm		

Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4806 GHz	-3.28 dBm		
M2		1	17.681961 GHz	-51.16 dBm		
M3		1	4.894304 GHz	-55.37 dBm		
M4		1	7.344543 GHz	-55.44 dBm		
M5		1	10.005661 GHz	-54.87 dBm		

END OF REPORT