

8.3 -20dB BANDWIDTH

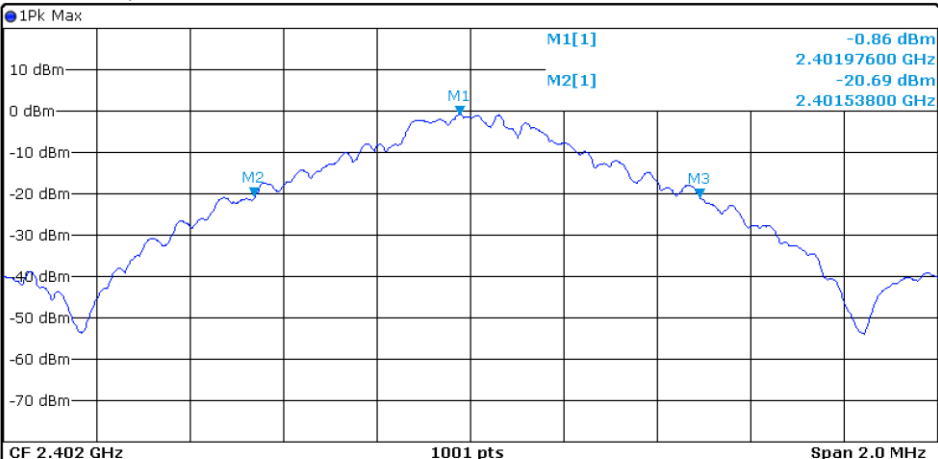
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.952	Pass
NVNT	1-DH5	2441	Ant1	0.95	Pass
NVNT	1-DH5	2480	Ant1	0.972	Pass
NVNT	2-DH5	2402	Ant1	1.322	Pass
NVNT	2-DH5	2441	Ant1	1.282	Pass
NVNT	2-DH5	2480	Ant1	1.322	Pass
NVNT	3-DH5	2402	Ant1	1.294	Pass
NVNT	3-DH5	2441	Ant1	1.314	Pass
NVNT	3-DH5	2480	Ant1	1.26	Pass

Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1

Spectrum

Ref Level 20.00 dBm Offset 7.07 dB RBW 30 kHz
Att 30 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100



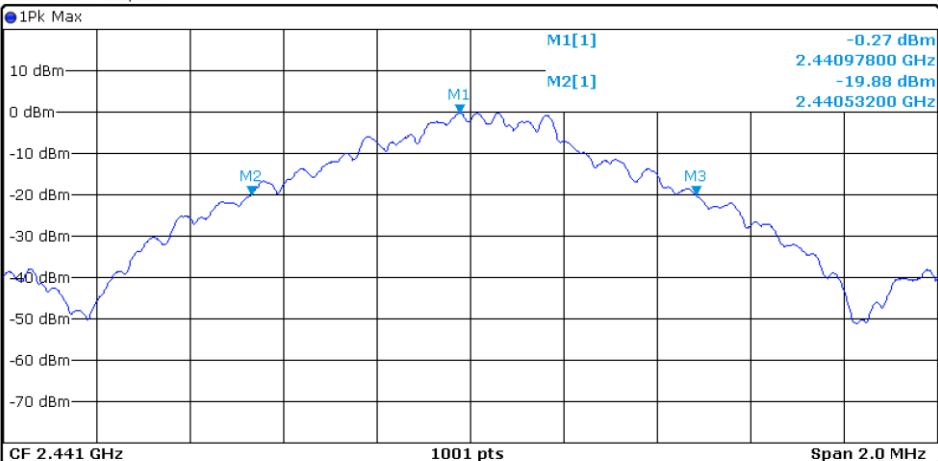
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.401976 GHz	-0.86 dBm		
M2		1	2.401538 GHz	-20.69 dBm		
M3		1	2.40249 GHz	-20.72 dBm		

-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

Spectrum

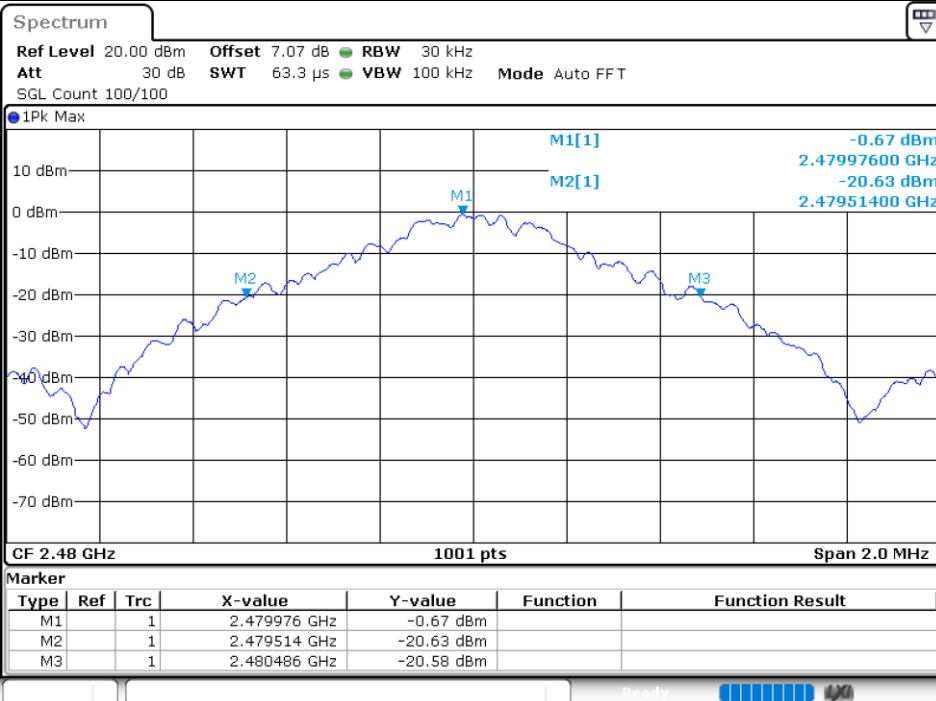
Ref Level 20.00 dBm Offset 7.24 dB RBW 30 kHz
Att 30 dB SWT 63.3 μ s VBW 100 kHz Mode Auto FFT
SGL Count 100/100



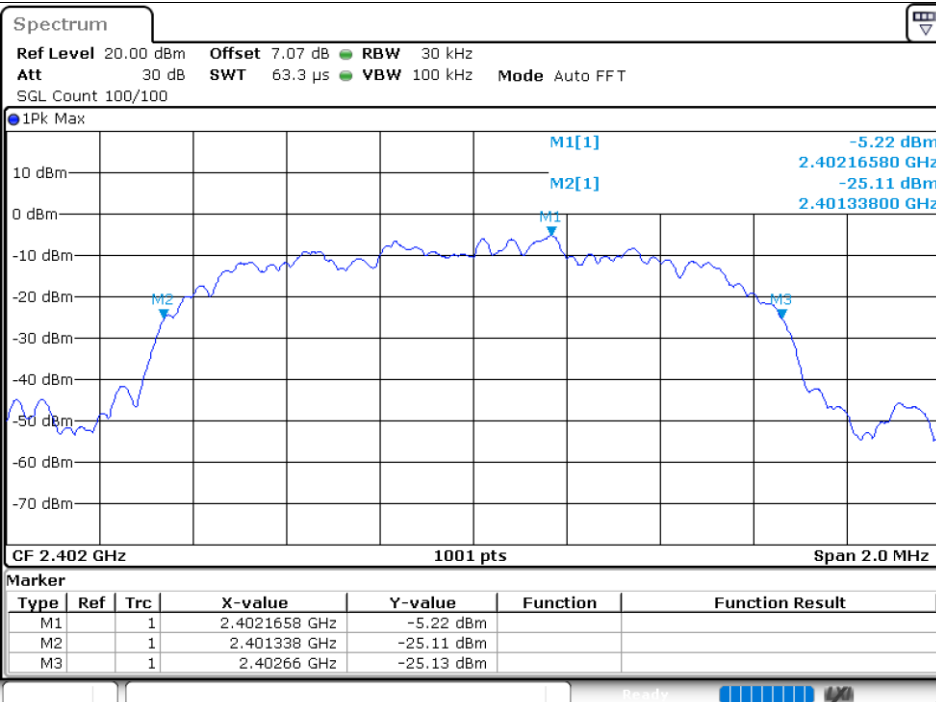
Marker

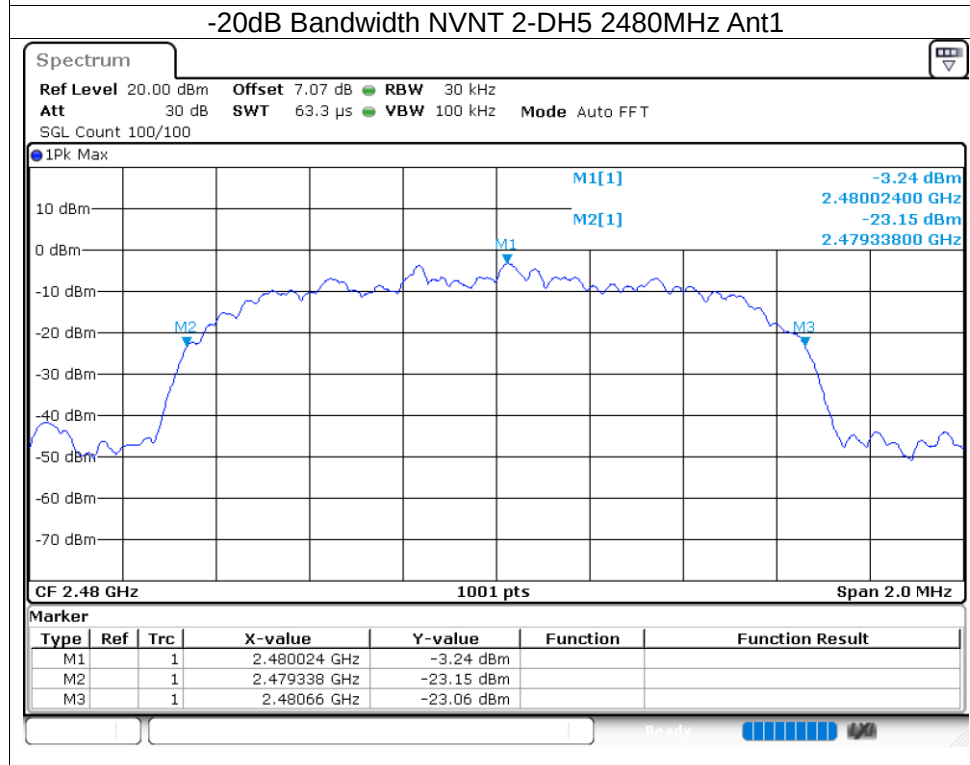
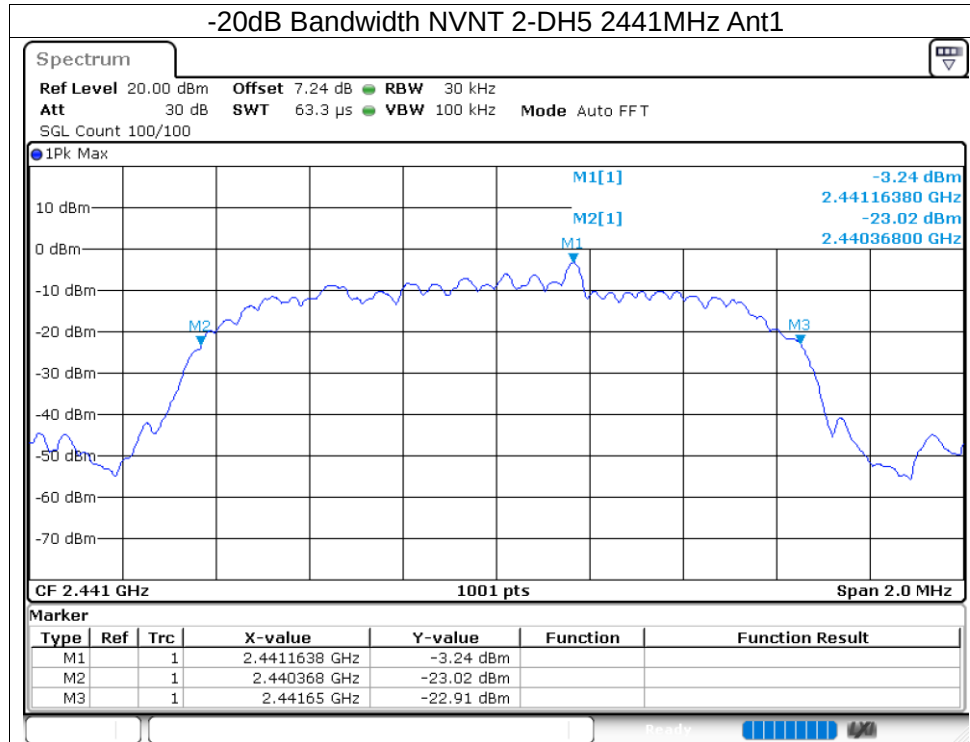
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.440978 GHz	-0.27 dBm		
M2		1	2.440532 GHz	-19.88 dBm		
M3		1	2.441482 GHz	-20.11 dBm		

-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

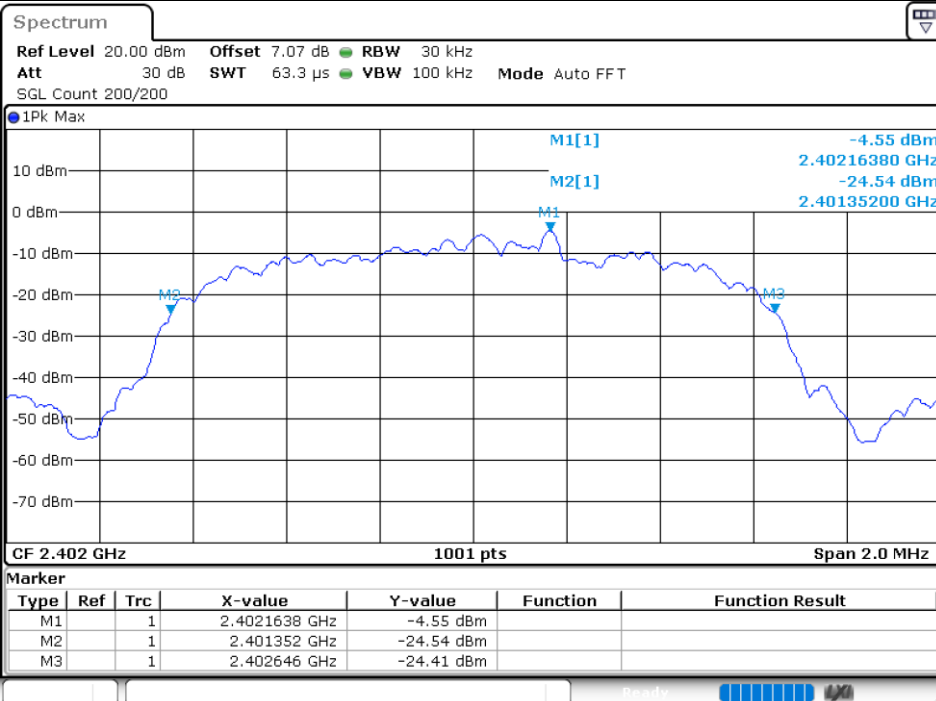


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

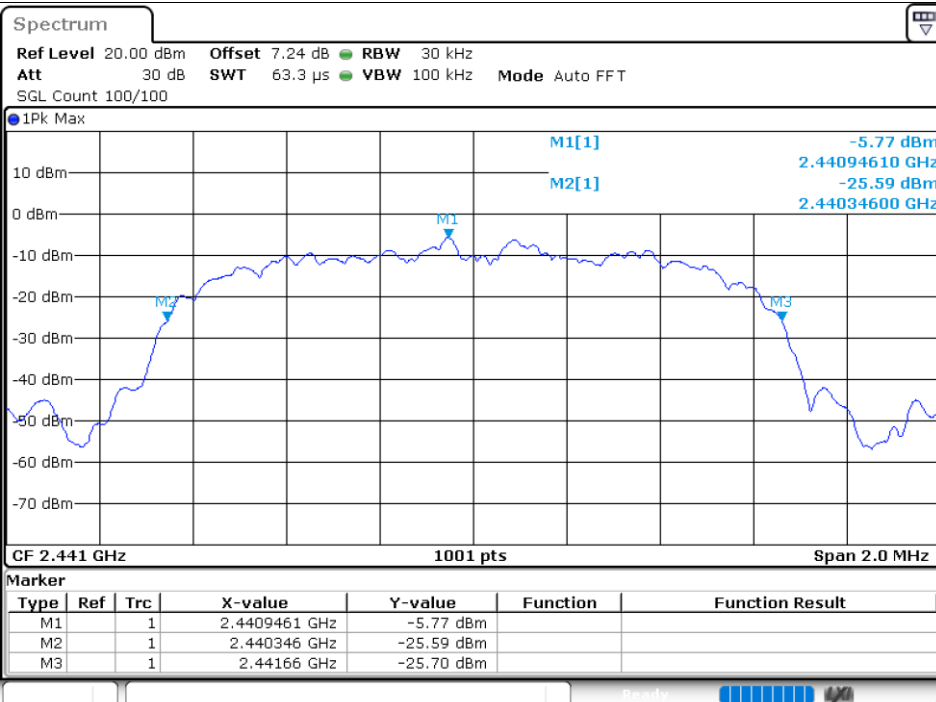


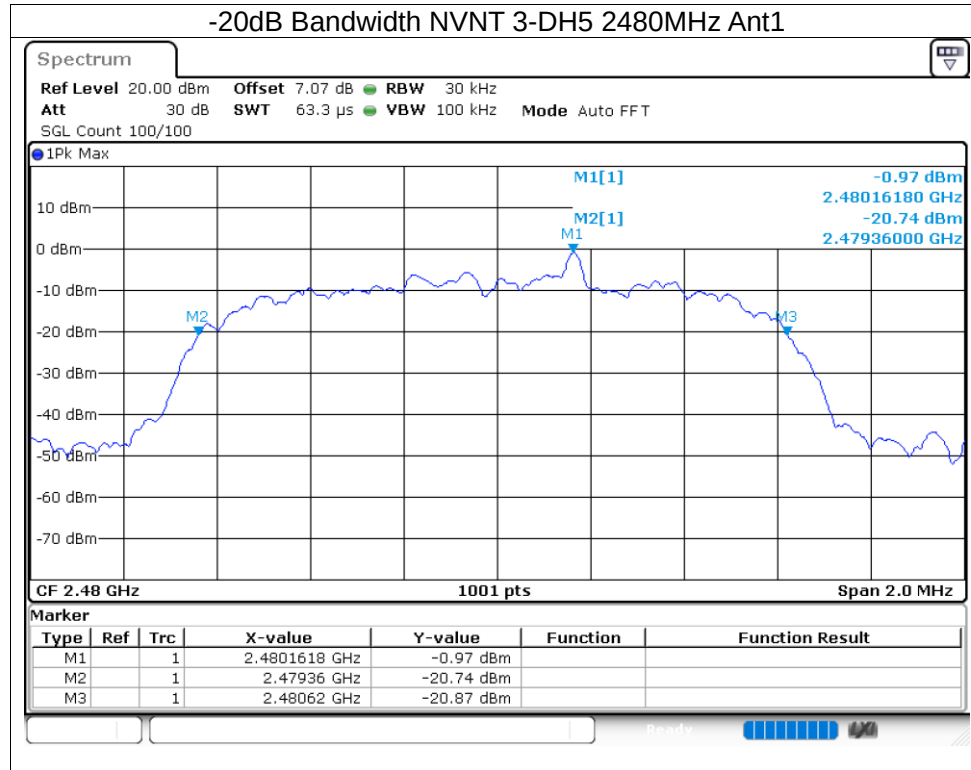


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



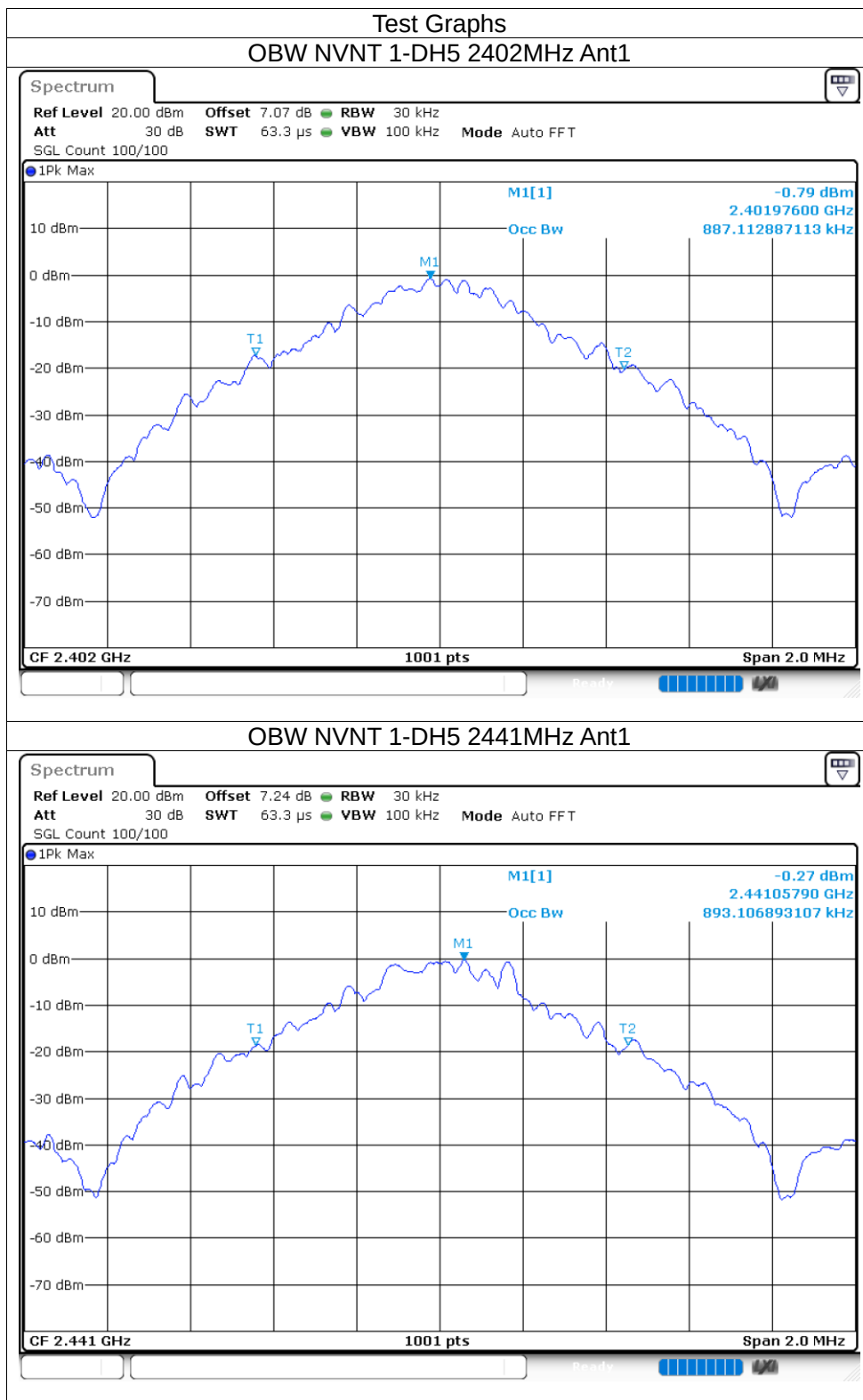
-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



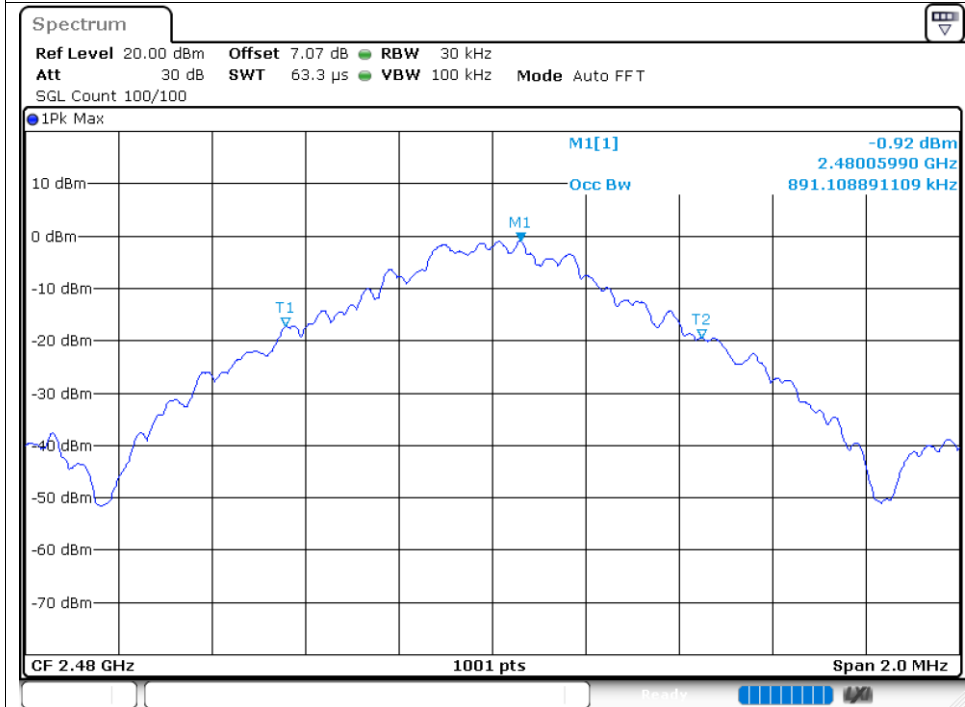


8.4 OCCUPIED CHANNEL BANDWIDTH

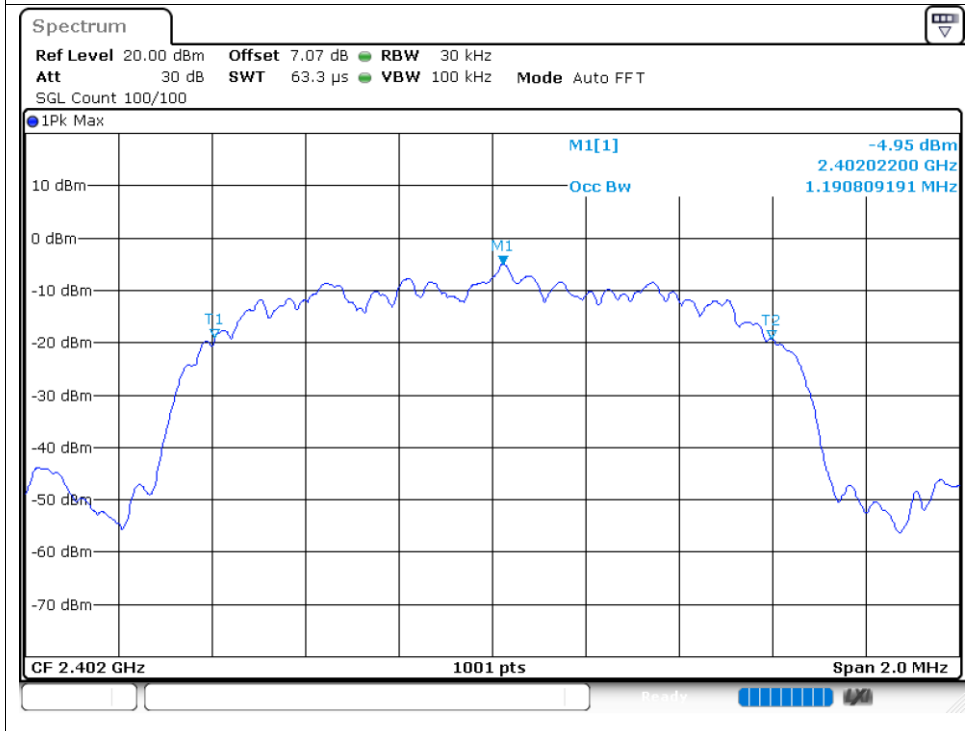
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.887
NVNT	1-DH5	2441	Ant1	0.893
NVNT	1-DH5	2480	Ant1	0.891
NVNT	2-DH5	2402	Ant1	1.191
NVNT	2-DH5	2441	Ant1	1.193
NVNT	2-DH5	2480	Ant1	1.179
NVNT	3-DH5	2402	Ant1	1.175
NVNT	3-DH5	2441	Ant1	1.181
NVNT	3-DH5	2480	Ant1	1.173



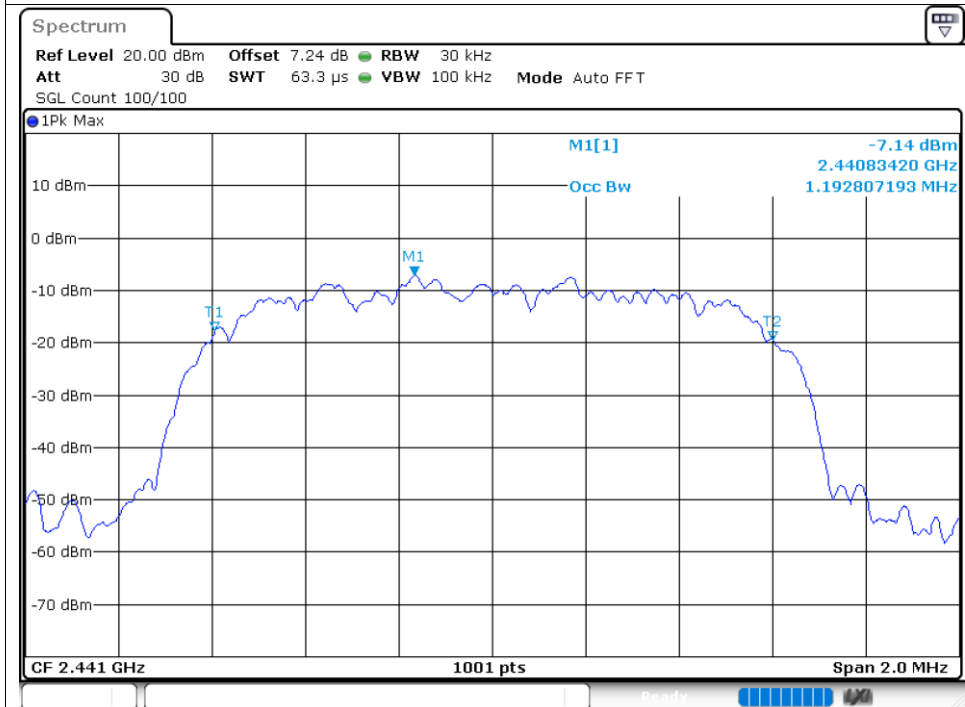
OBW NVNT 1-DH5 2480MHz Ant1



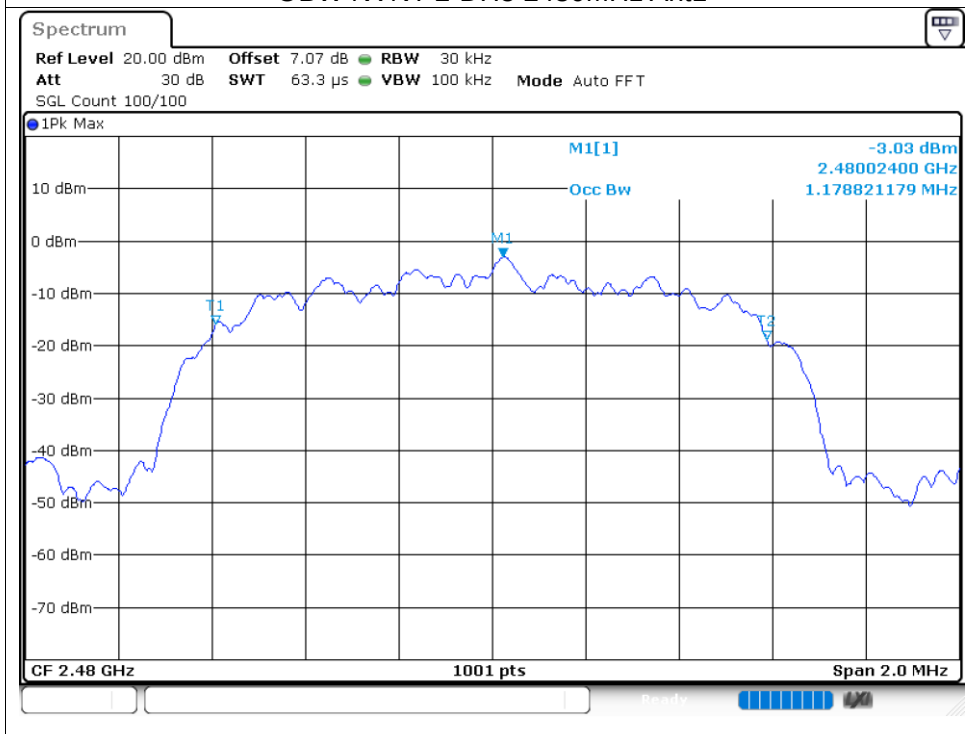
OBW NVNT 2-DH5 2402MHz Ant1



OBW NVNT 2-DH5 2441MHz Ant1



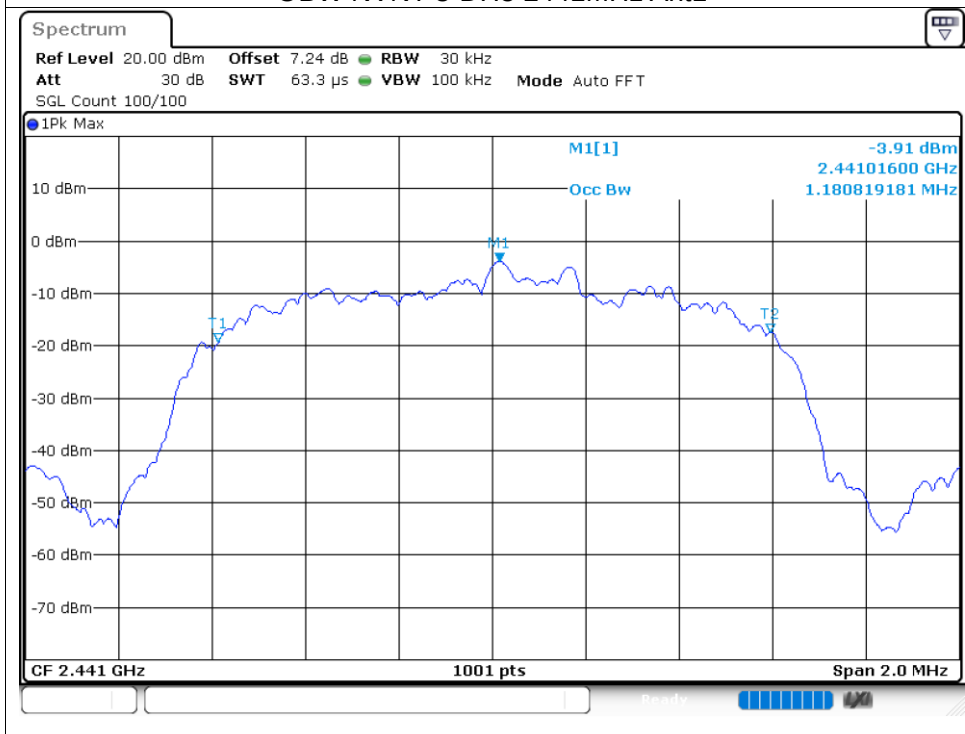
OBW NVNT 2-DH5 2480MHz Ant1

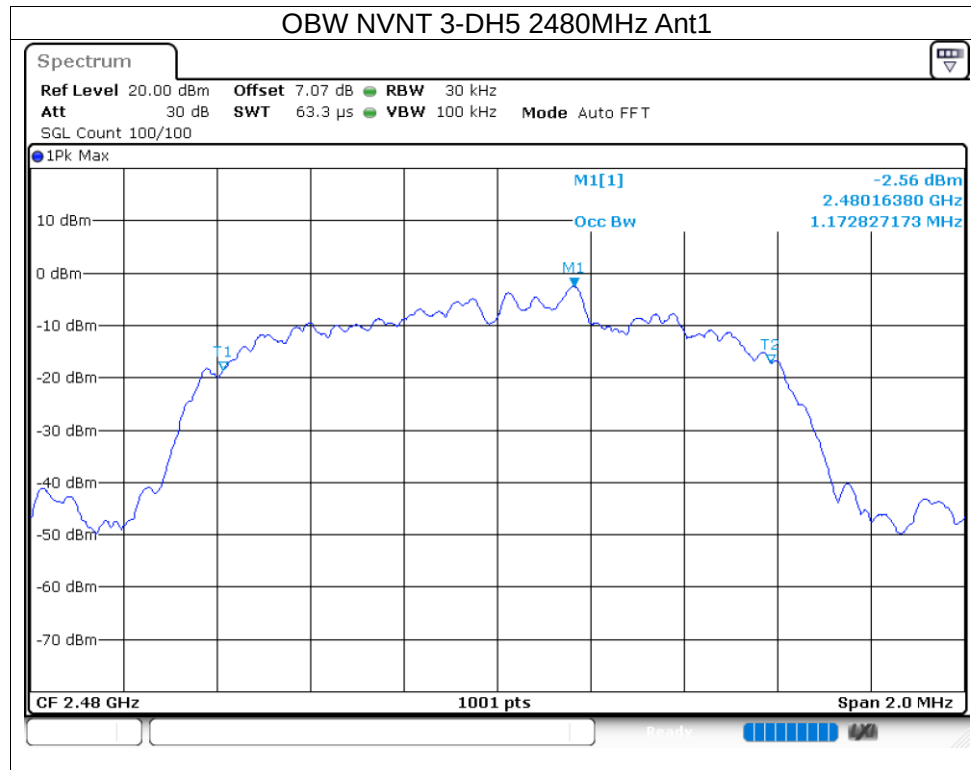


OBW NVNT 3-DH5 2402MHz Ant1



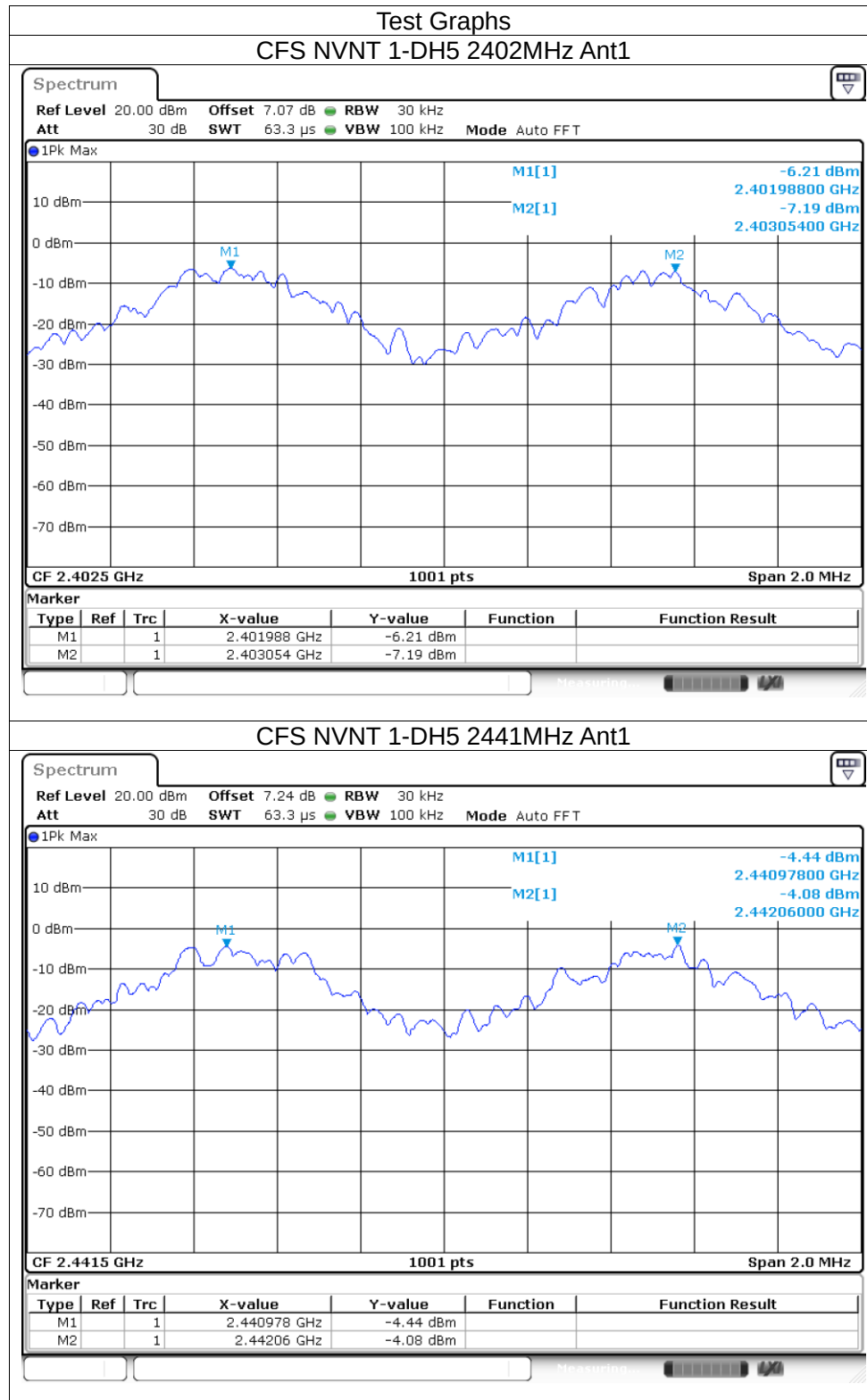
OBW NVNT 3-DH5 2441MHz Ant1

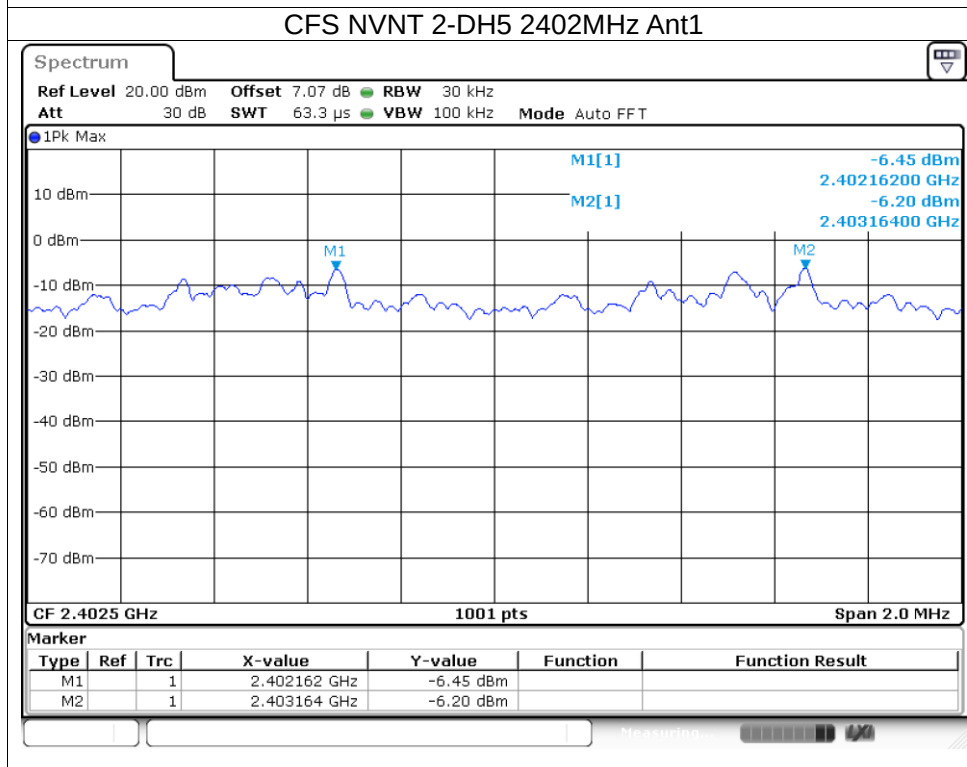
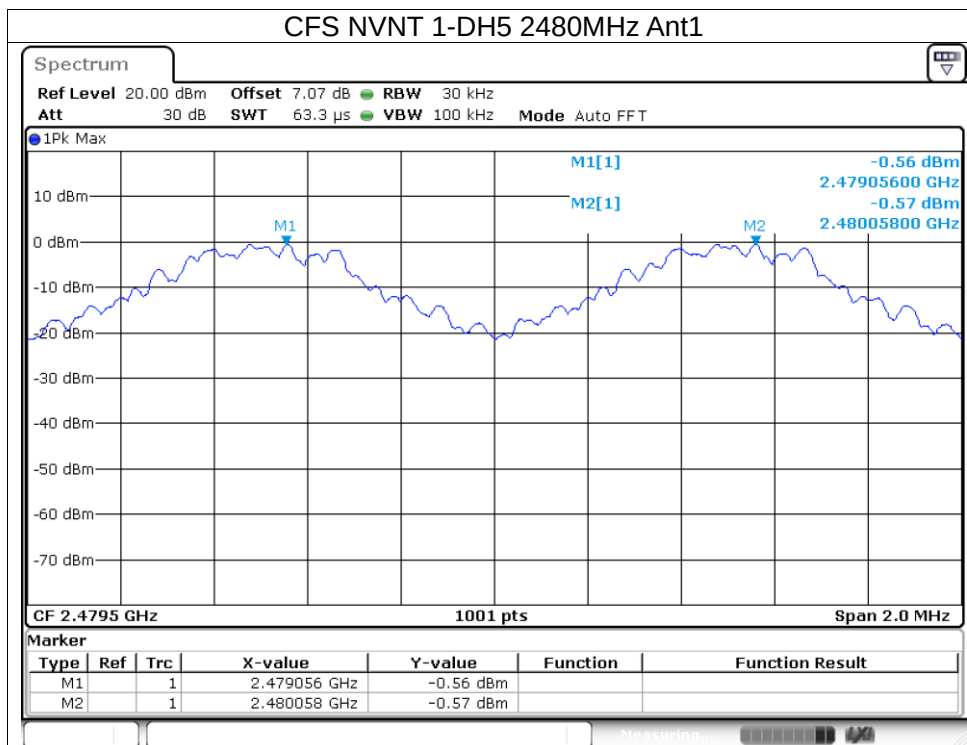


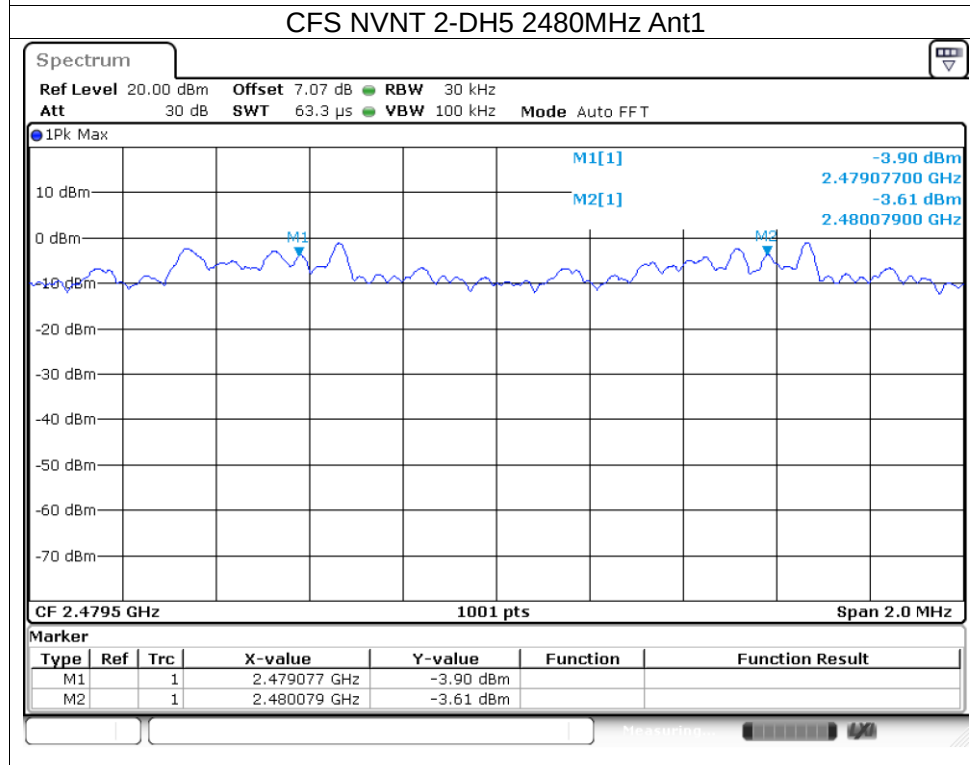
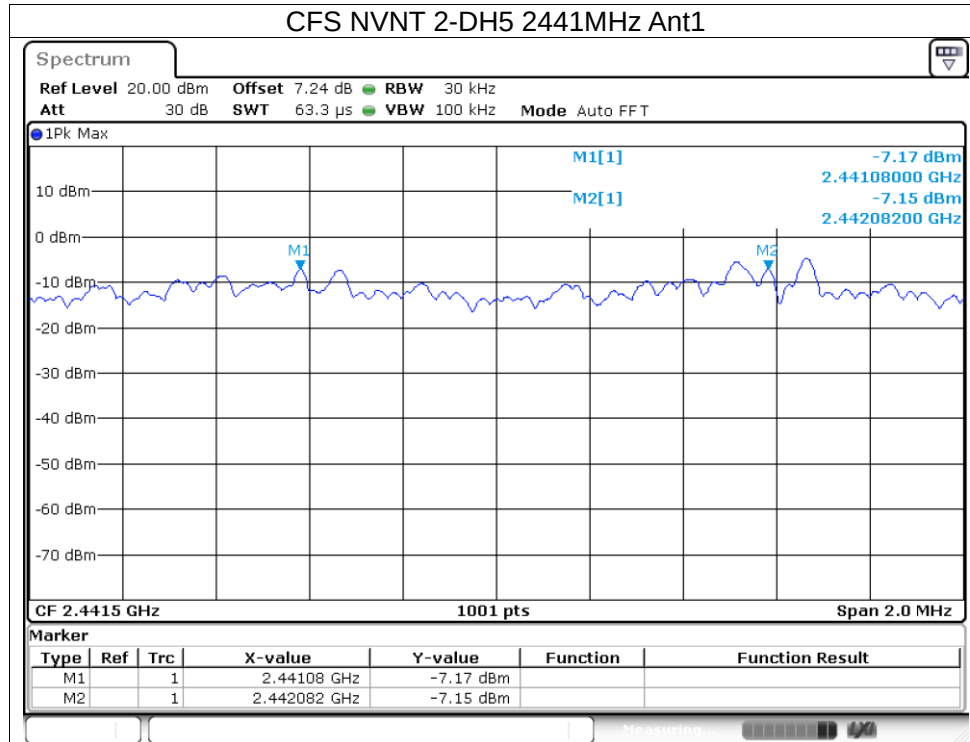


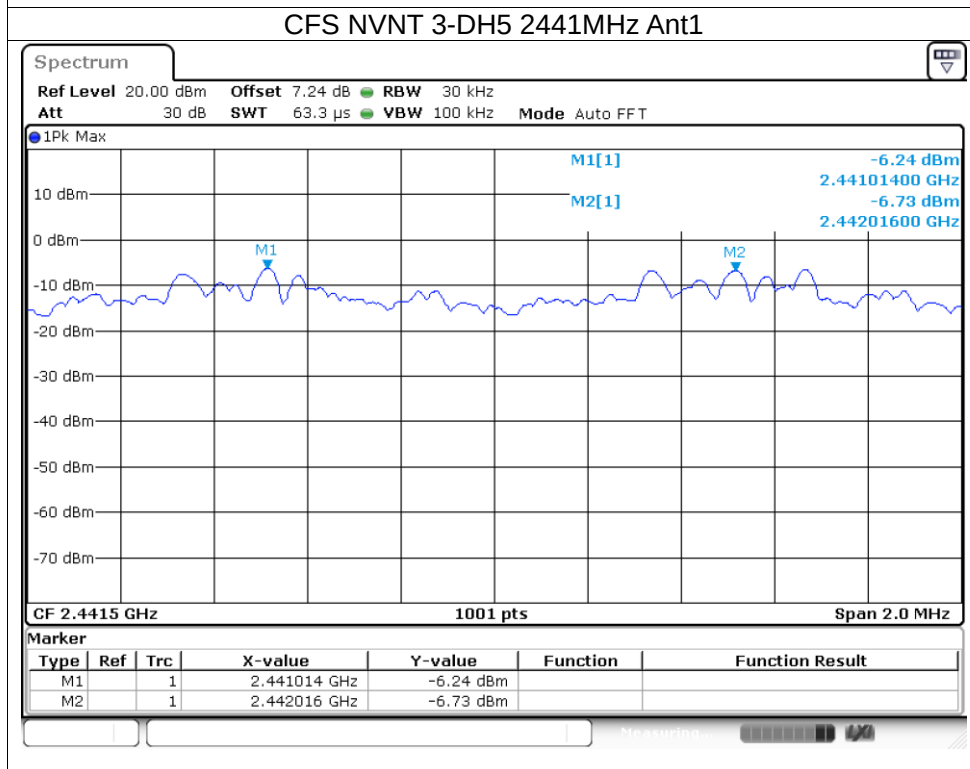
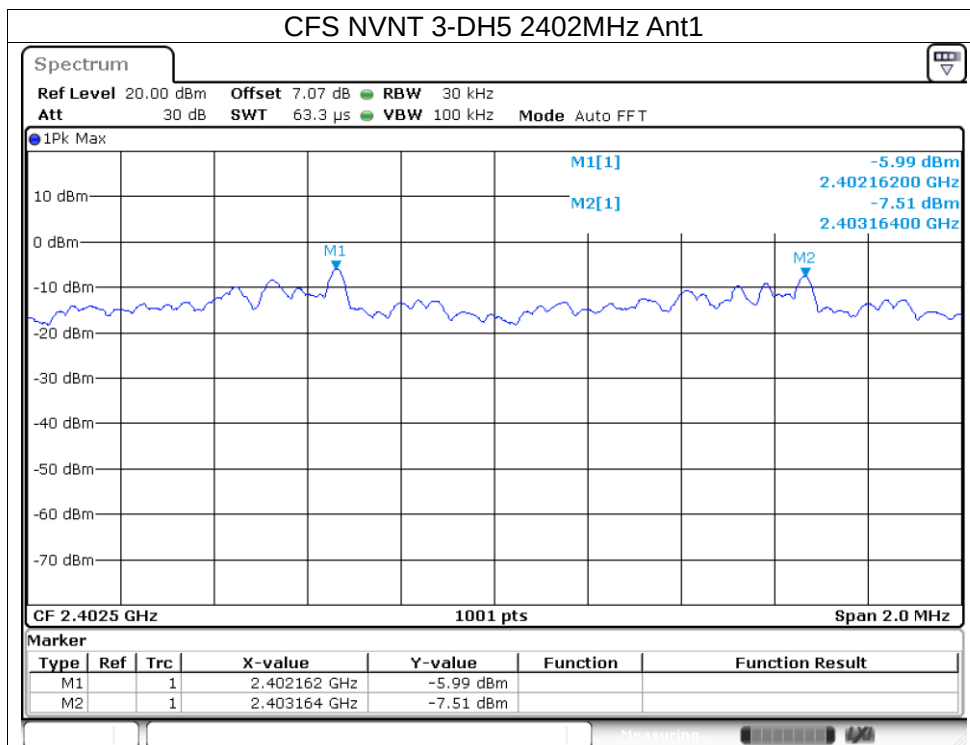
8.5 CARRIER FREQUENCIES SEPARATION

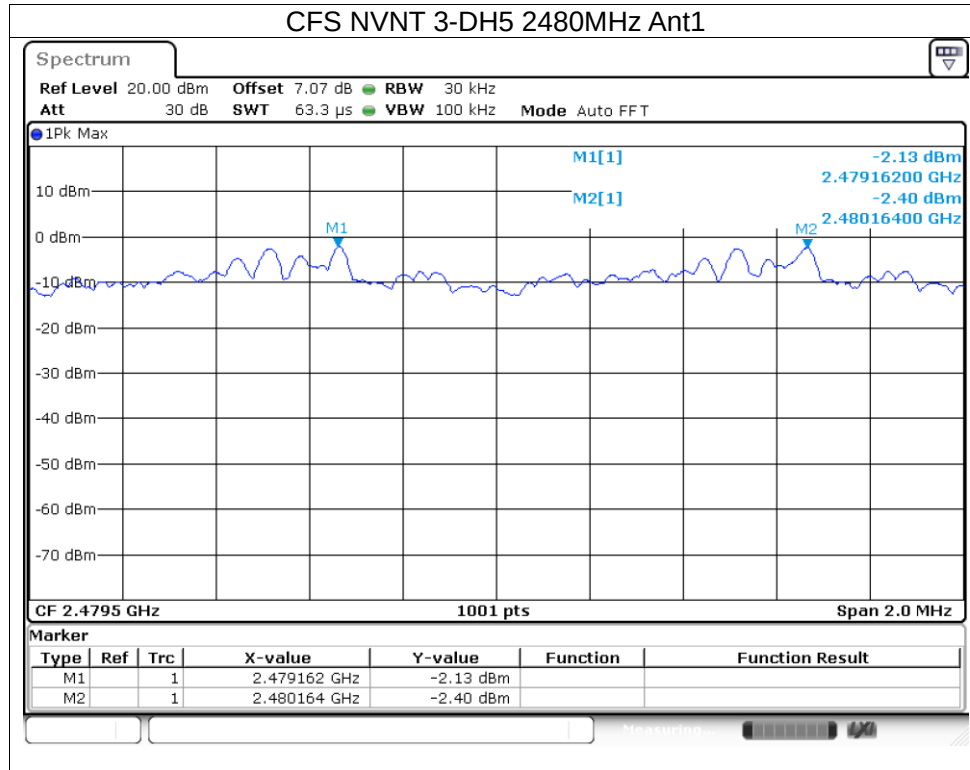
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.988	2403.054	1.066	0.635	Pass
NVNT	1-DH5	Ant1	2440.978	2442.06	1.082	0.633	Pass
NVNT	1-DH5	Ant1	2479.056	2480.058	1.002	0.648	Pass
NVNT	2-DH5	Ant1	2402.162	2403.164	1.002	0.881	Pass
NVNT	2-DH5	Ant1	2441.08	2442.082	1.002	0.855	Pass
NVNT	2-DH5	Ant1	2479.077	2480.079	1.002	0.881	Pass
NVNT	3-DH5	Ant1	2402.162	2403.164	1.002	0.863	Pass
NVNT	3-DH5	Ant1	2441.014	2442.016	1.002	0.876	Pass
NVNT	3-DH5	Ant1	2479.162	2480.164	1.002	0.84	Pass





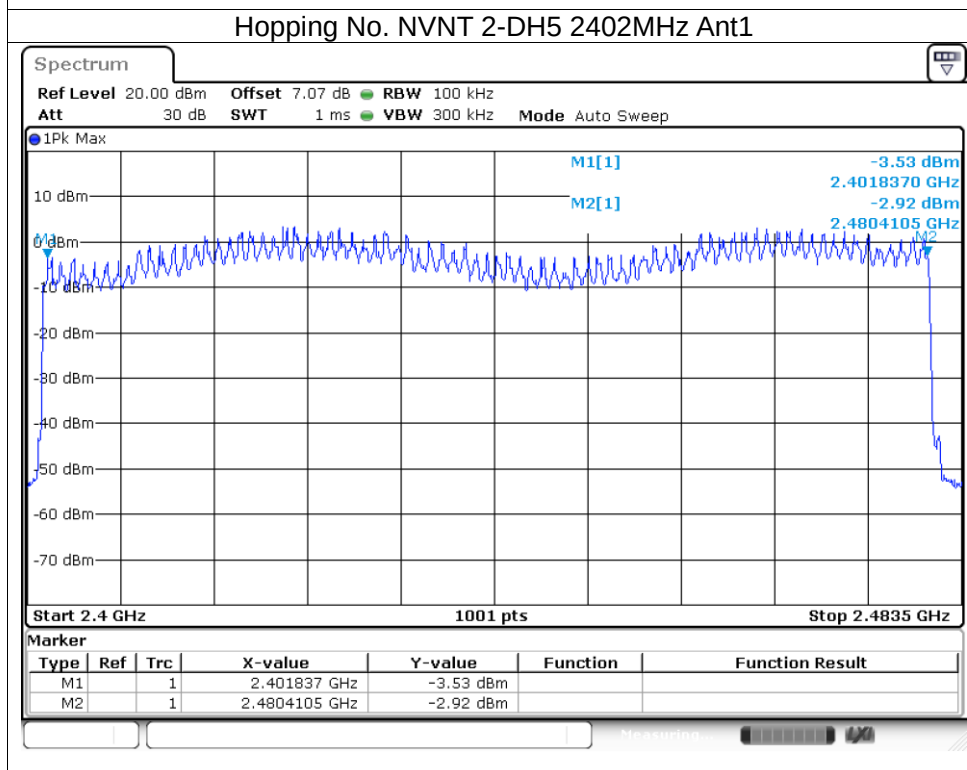
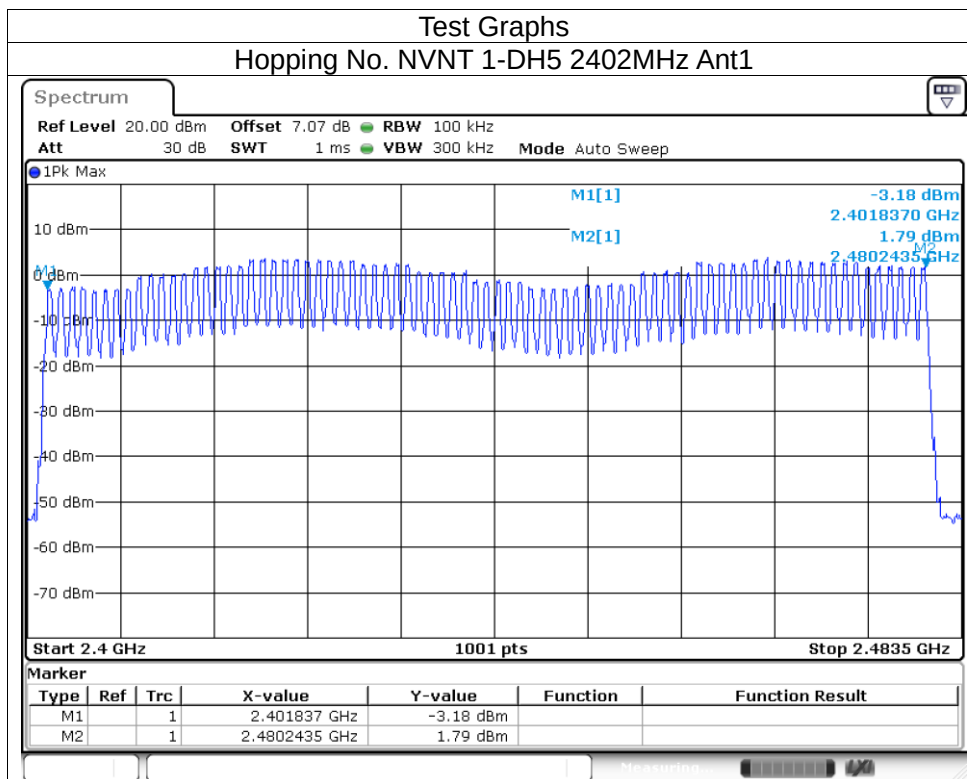


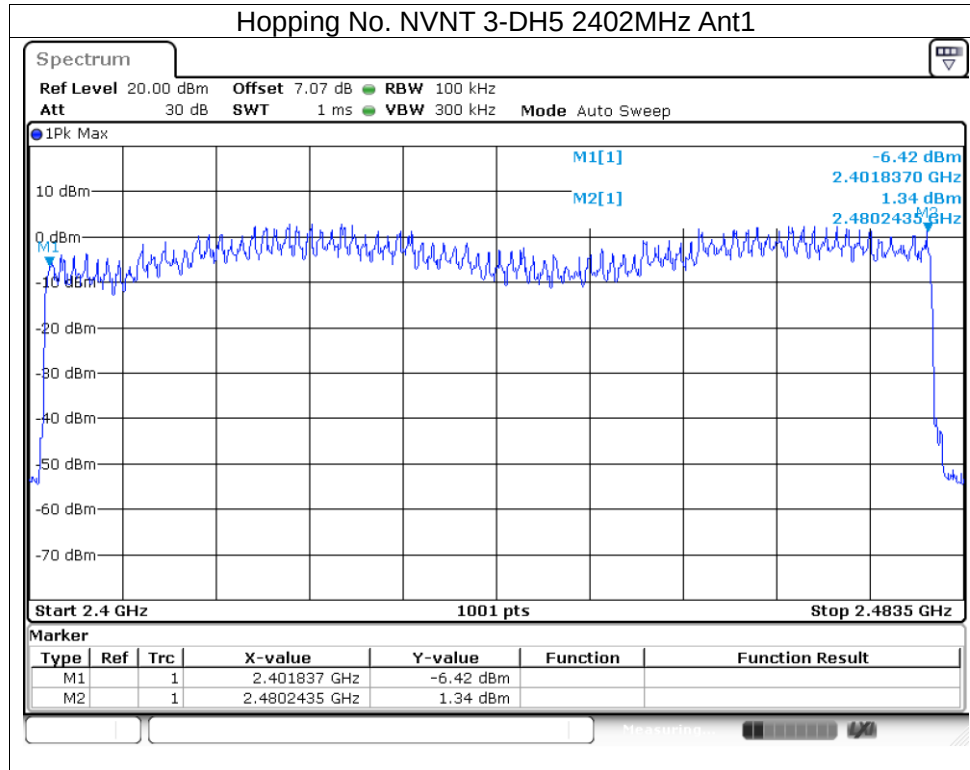




8.6 NUMBER OF HOPPING CHANNEL

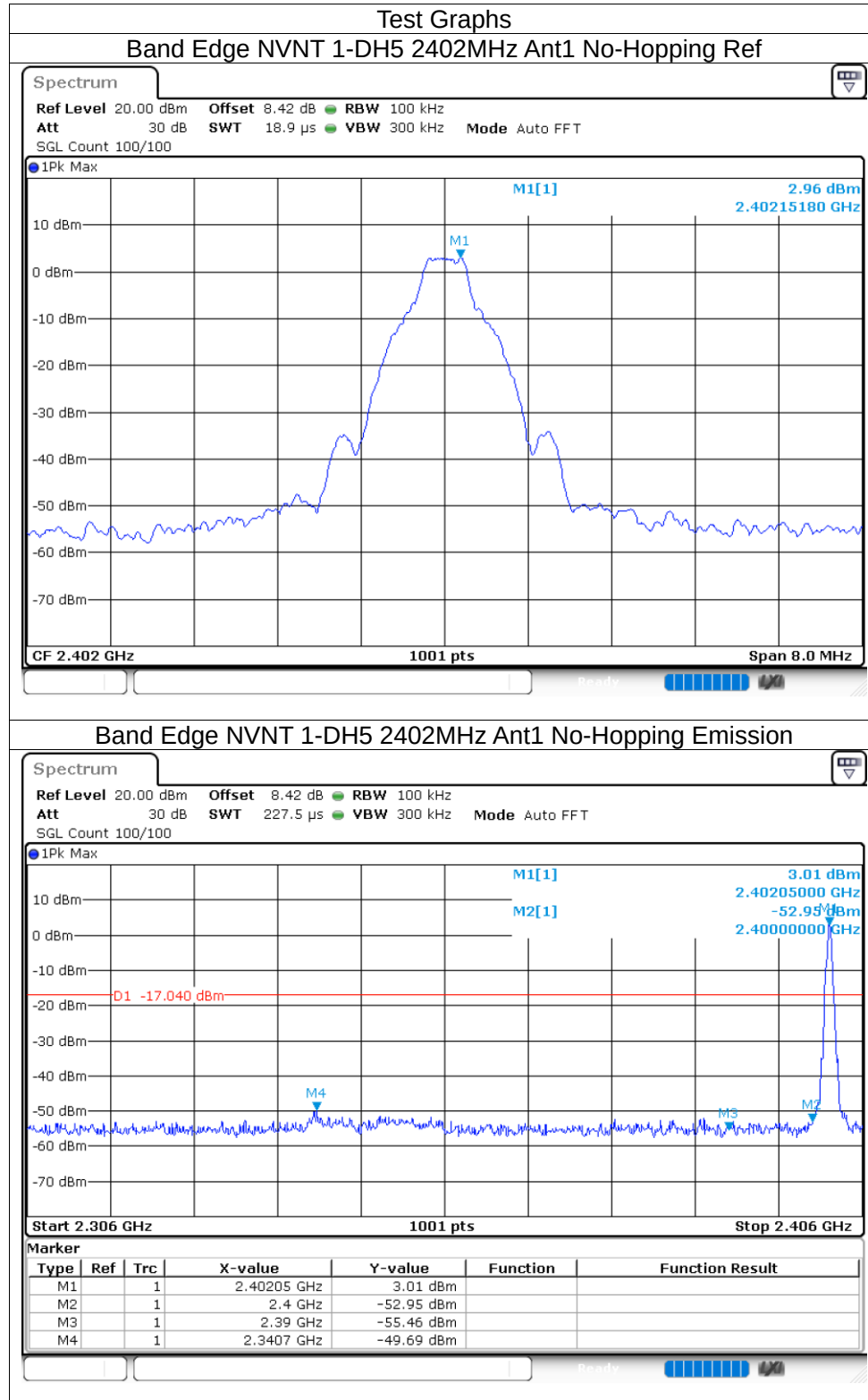
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass



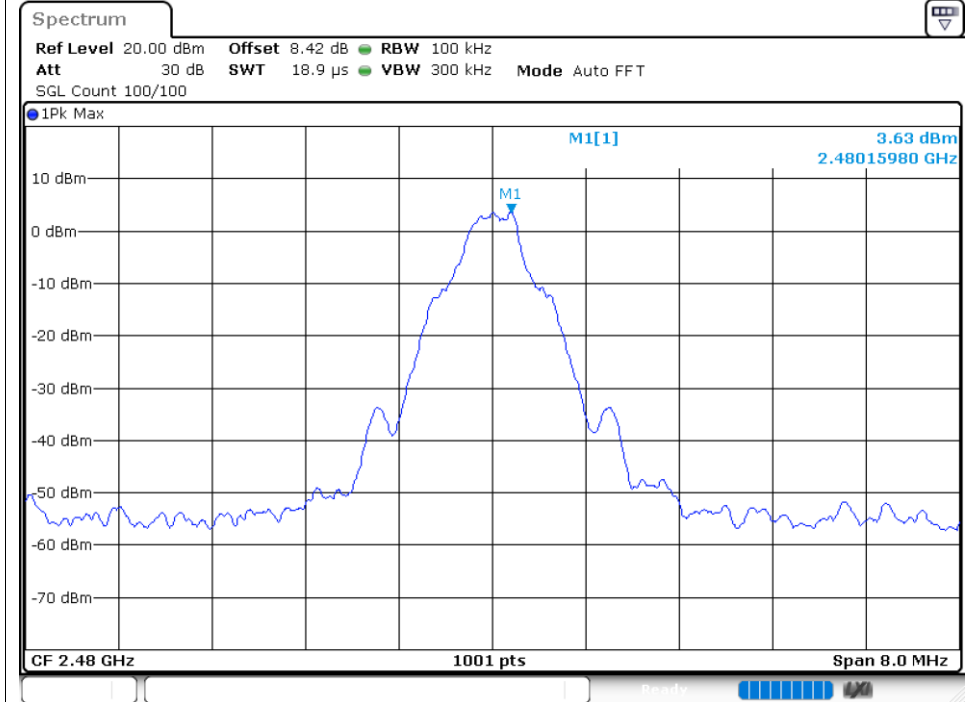


8.7 **BAND EDGE**

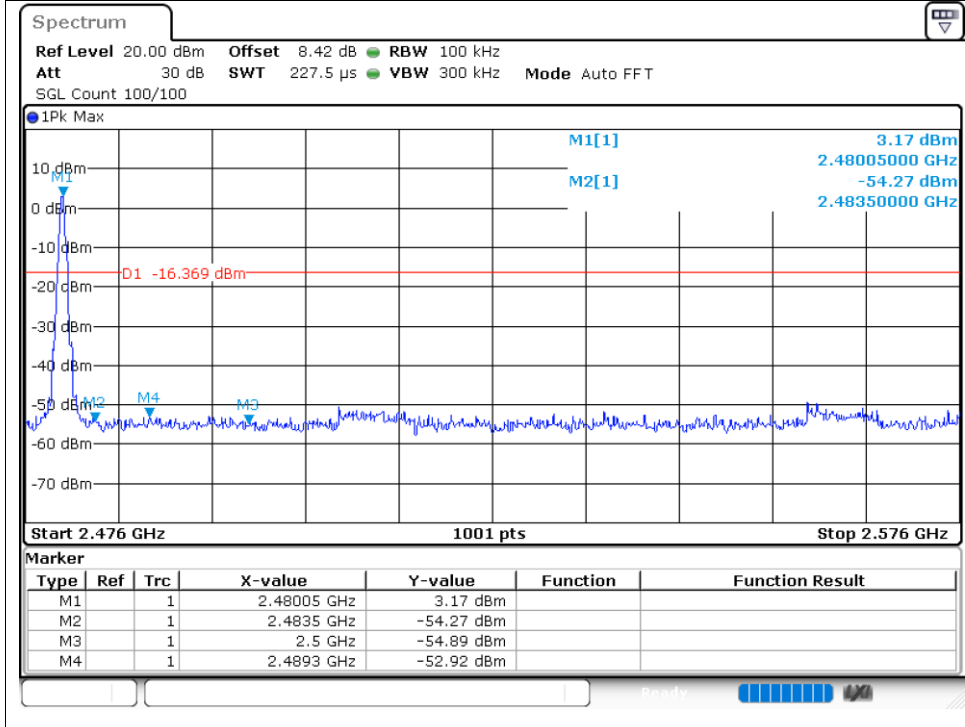
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-52.64	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.55	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-48.38	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.73	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-50.13	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-54.44	-20	Pass



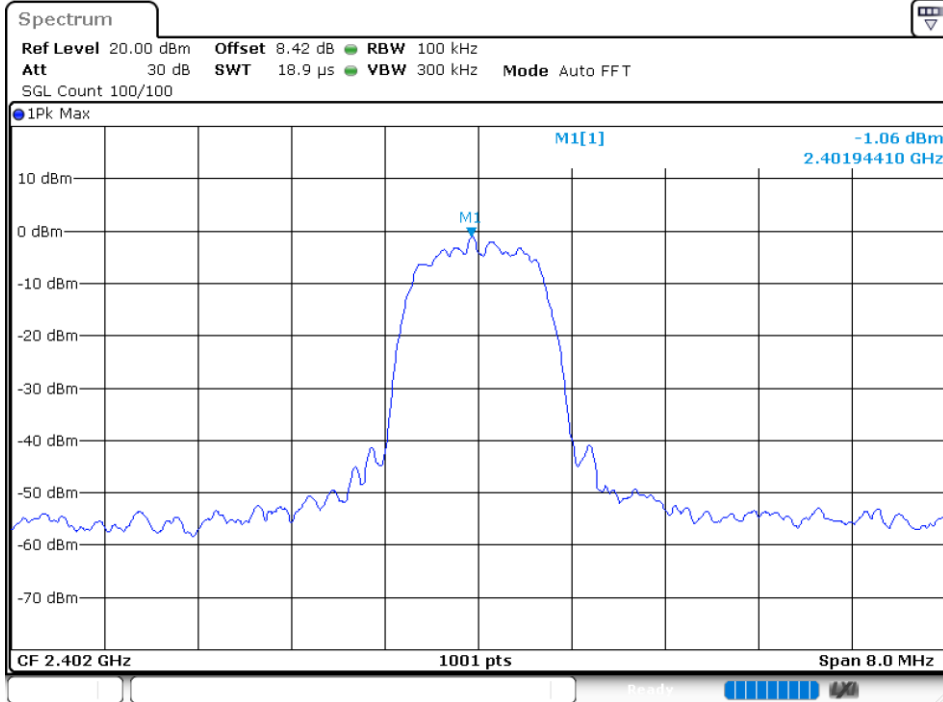
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



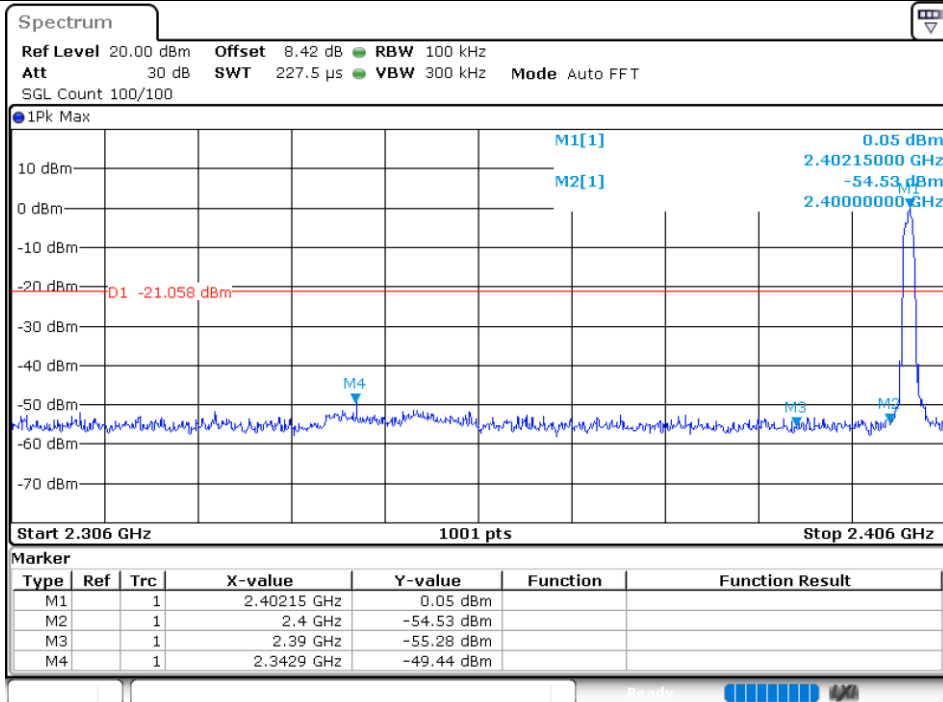
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



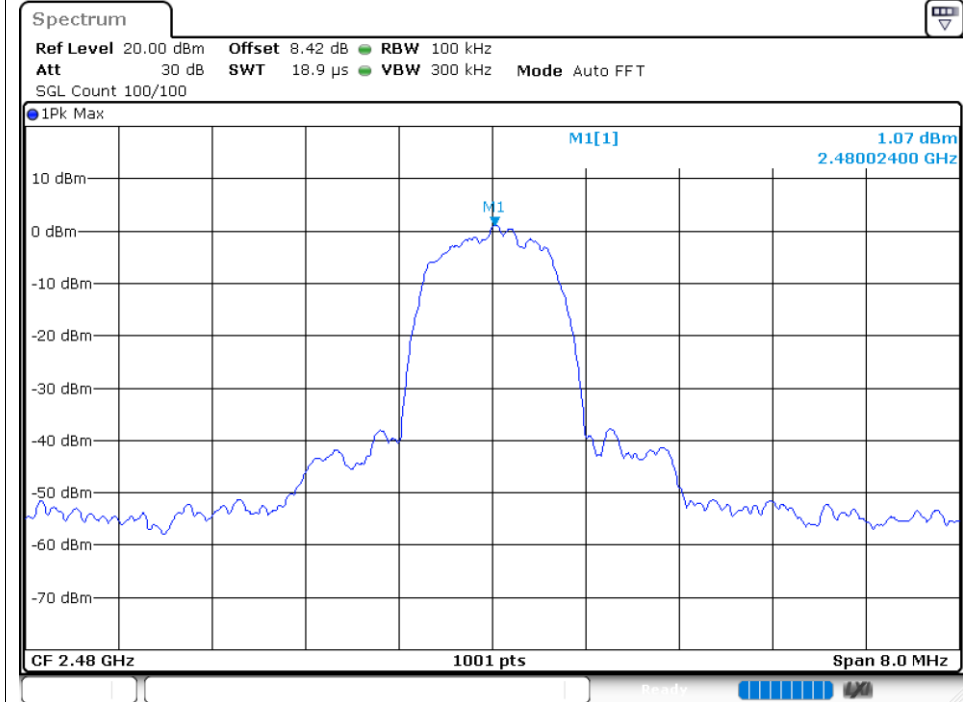
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



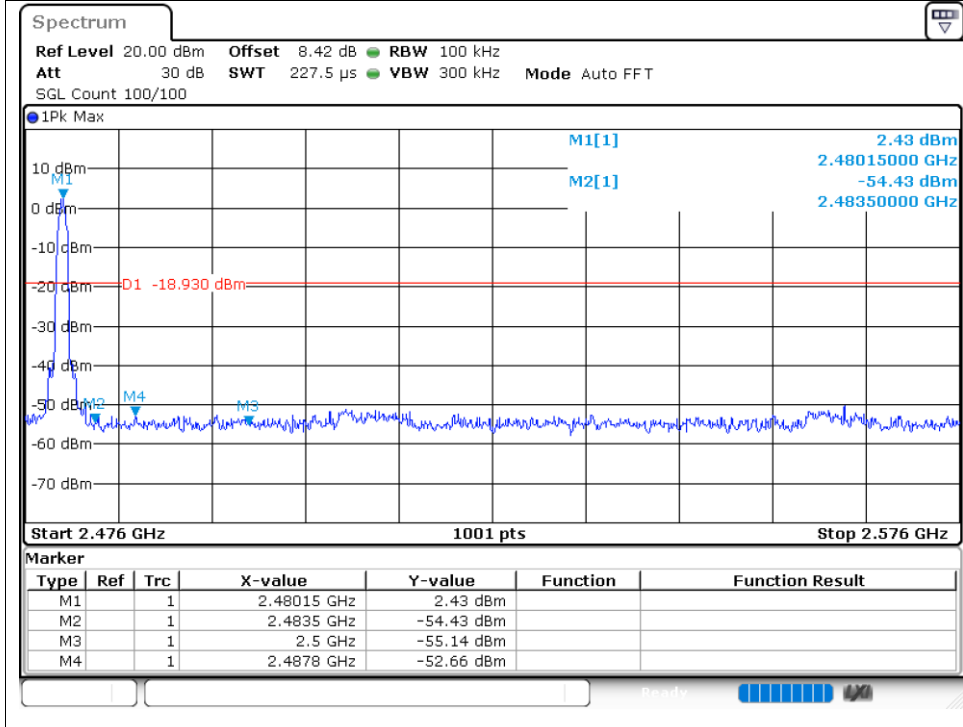
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



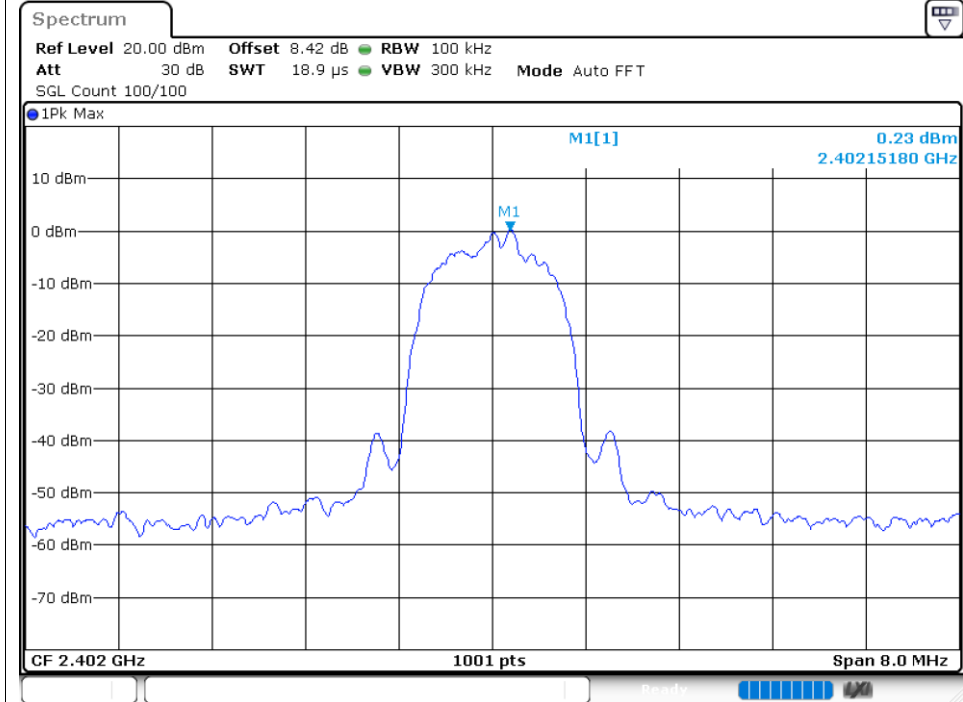
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



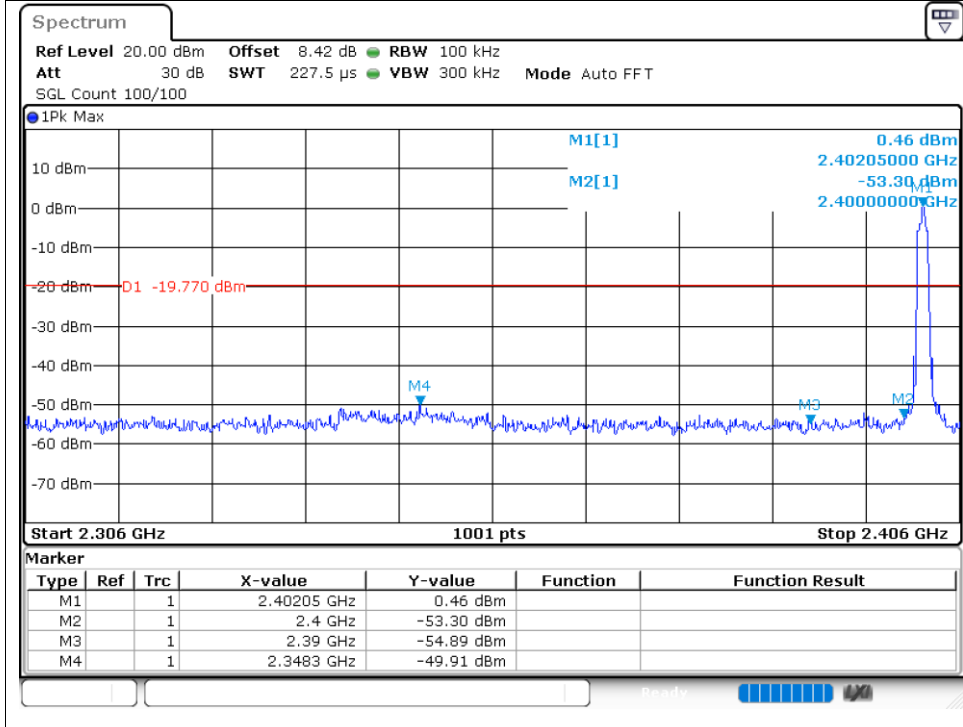
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



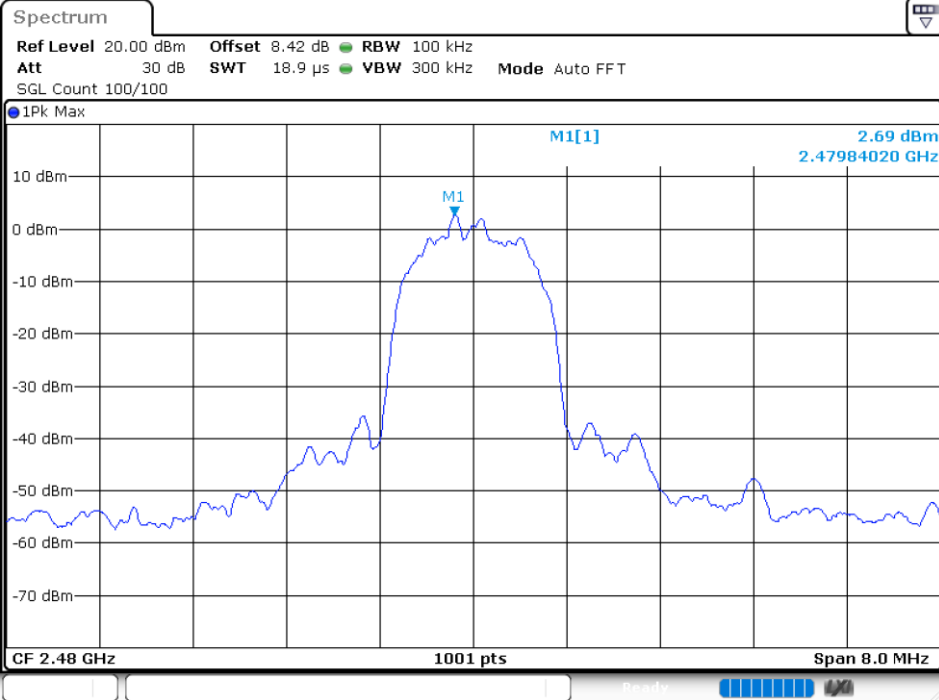
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



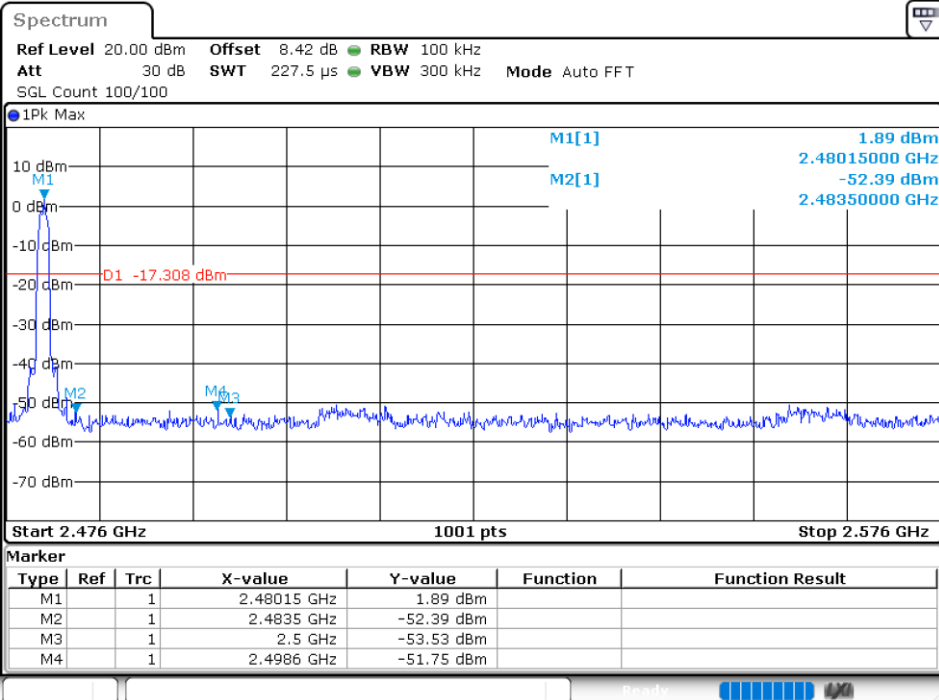
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



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

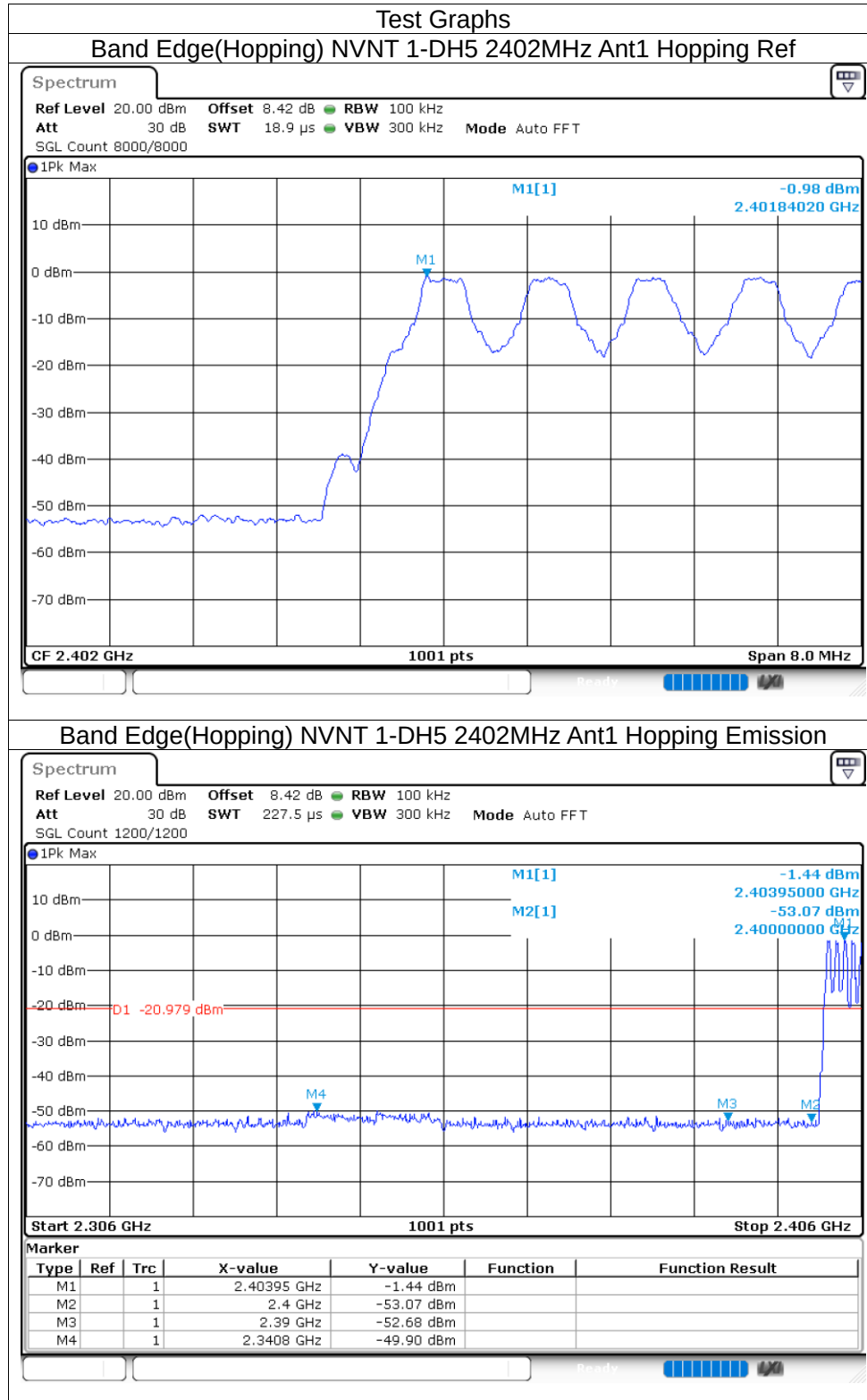


Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

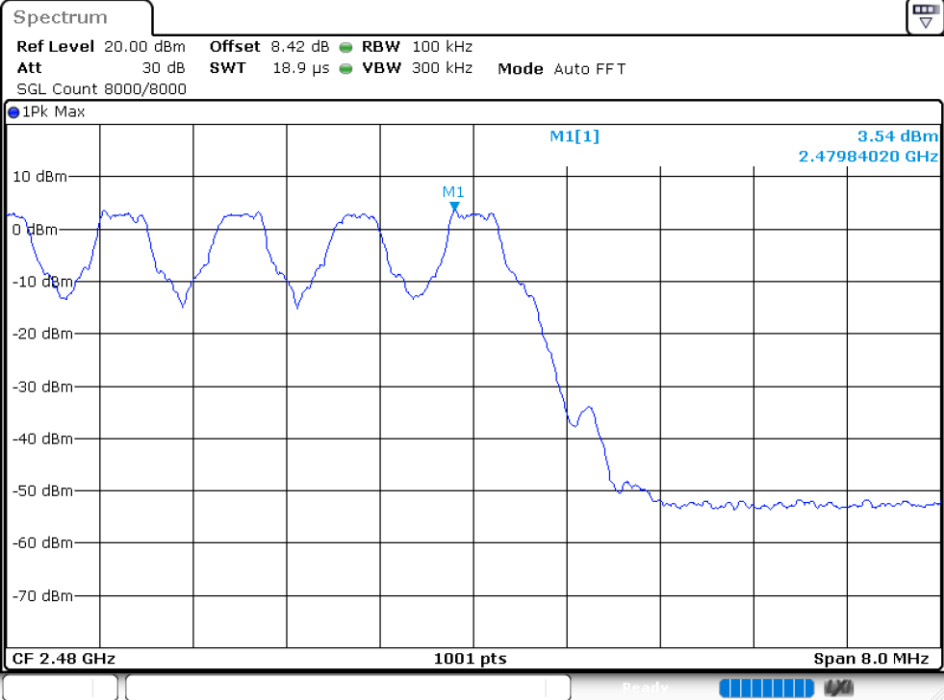


8.8 BAND EDGE(HOPPING)

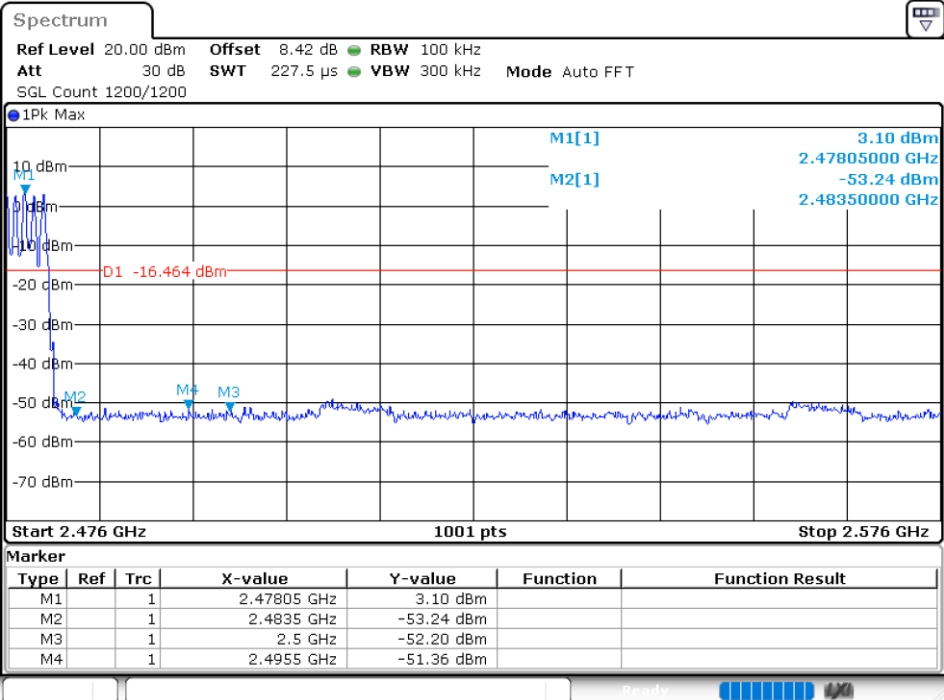
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-48.91	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-54.9	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-47.43	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-54.78	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-46.82	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.29	-20	Pass



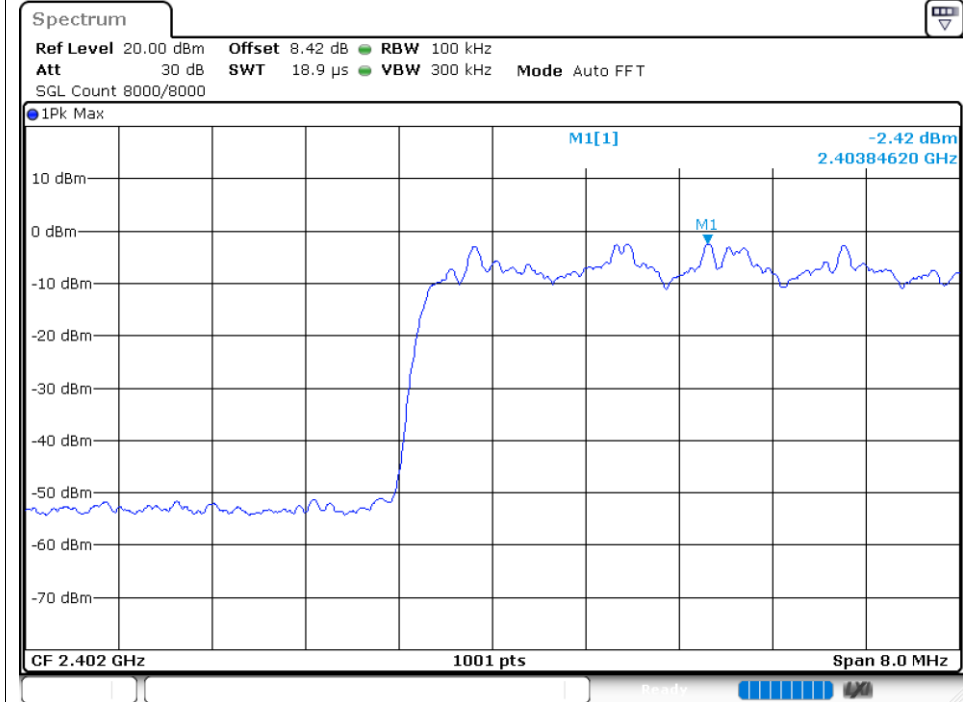
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



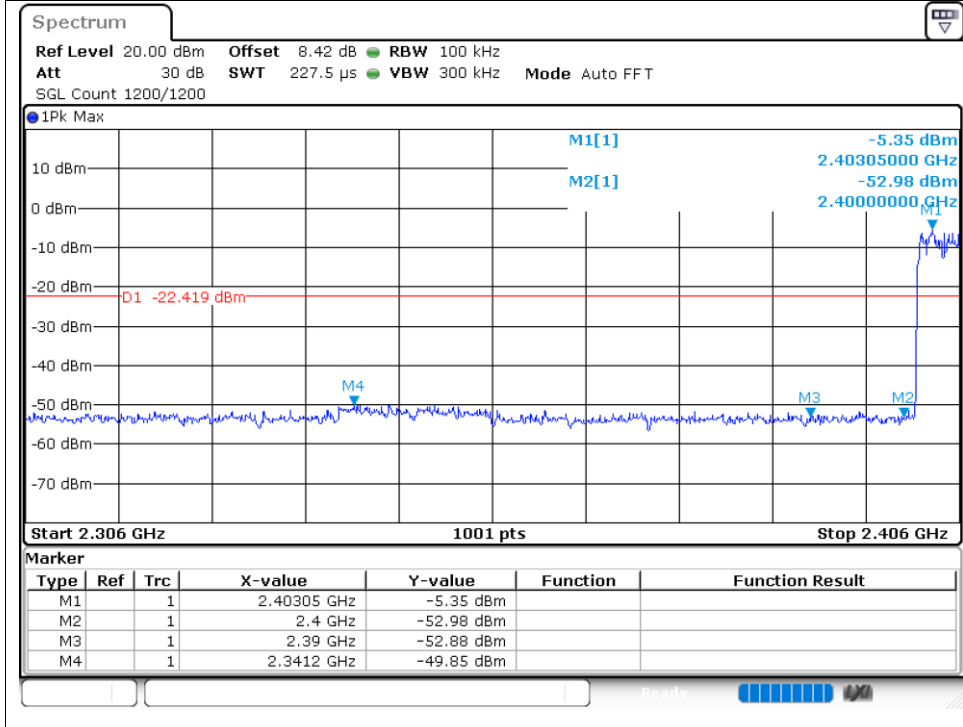
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



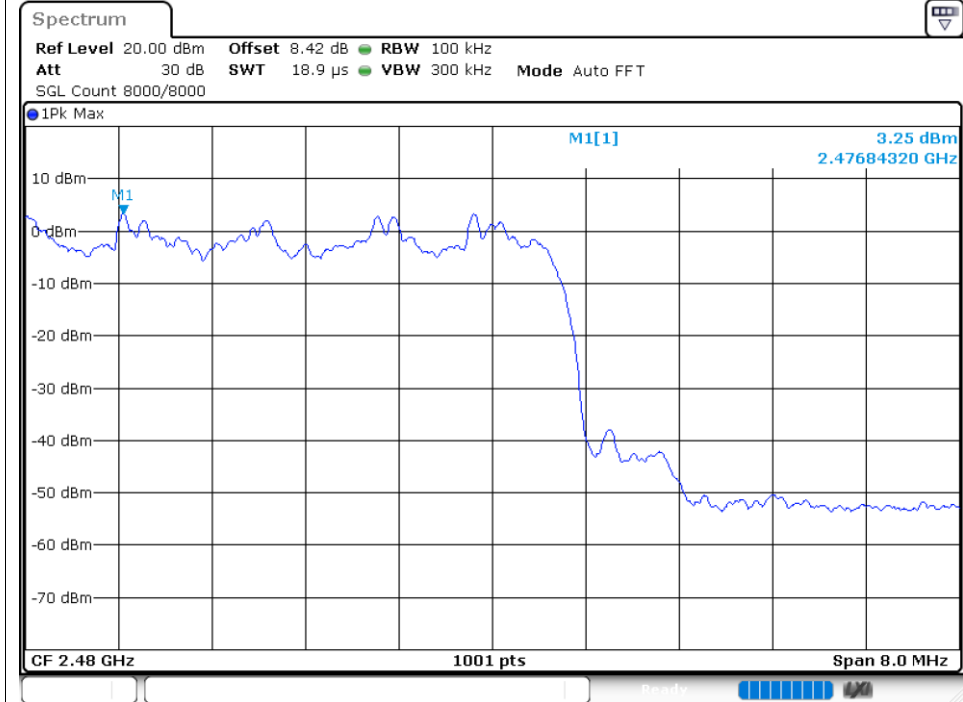
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



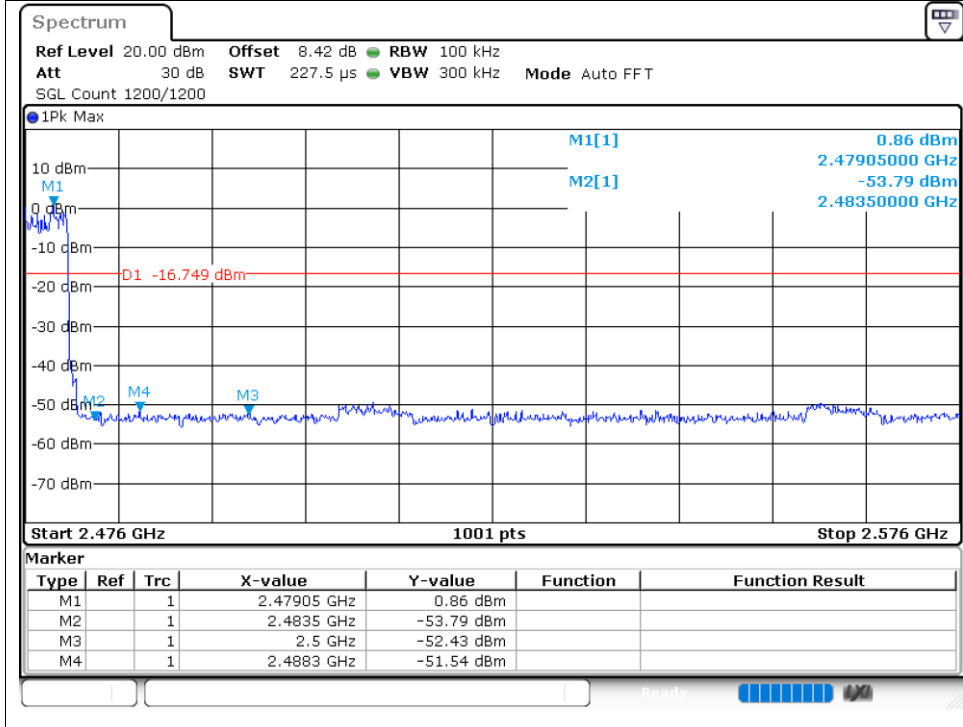
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



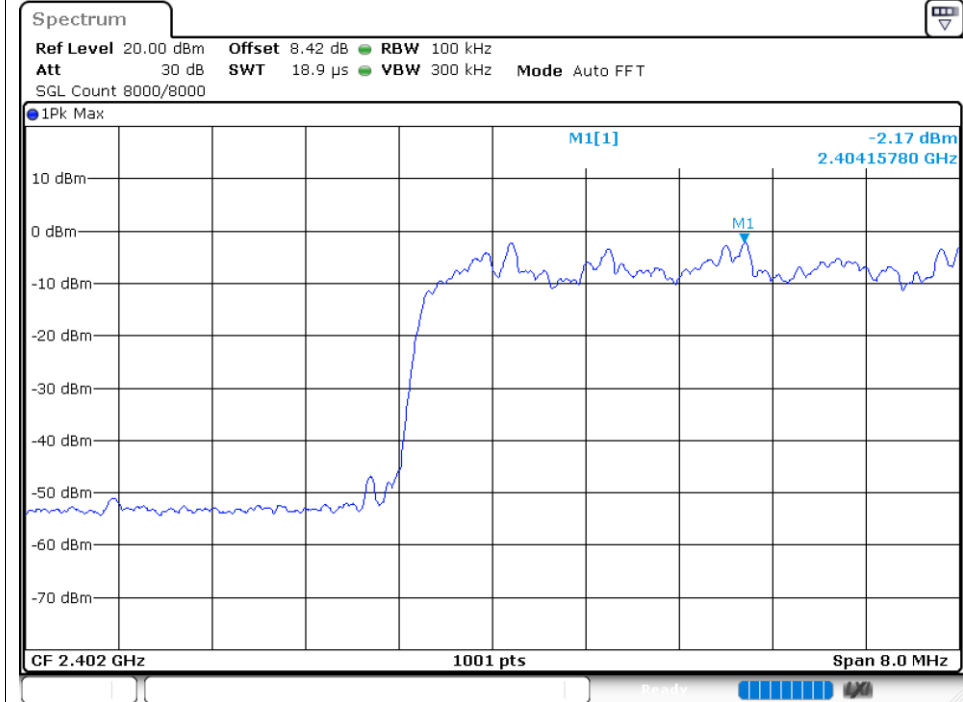
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



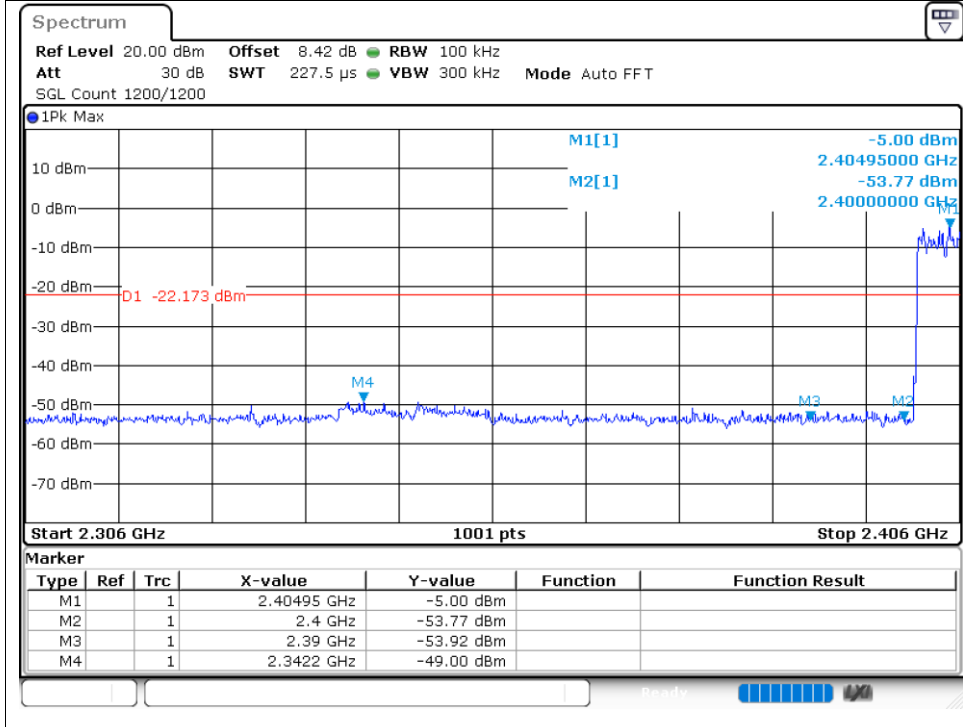
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



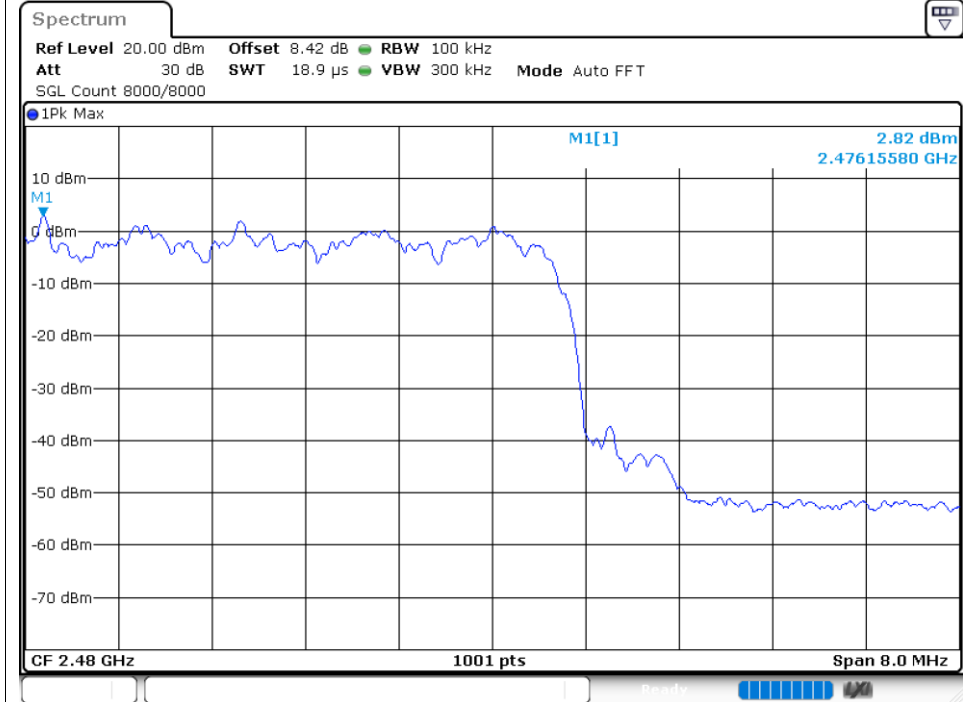
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



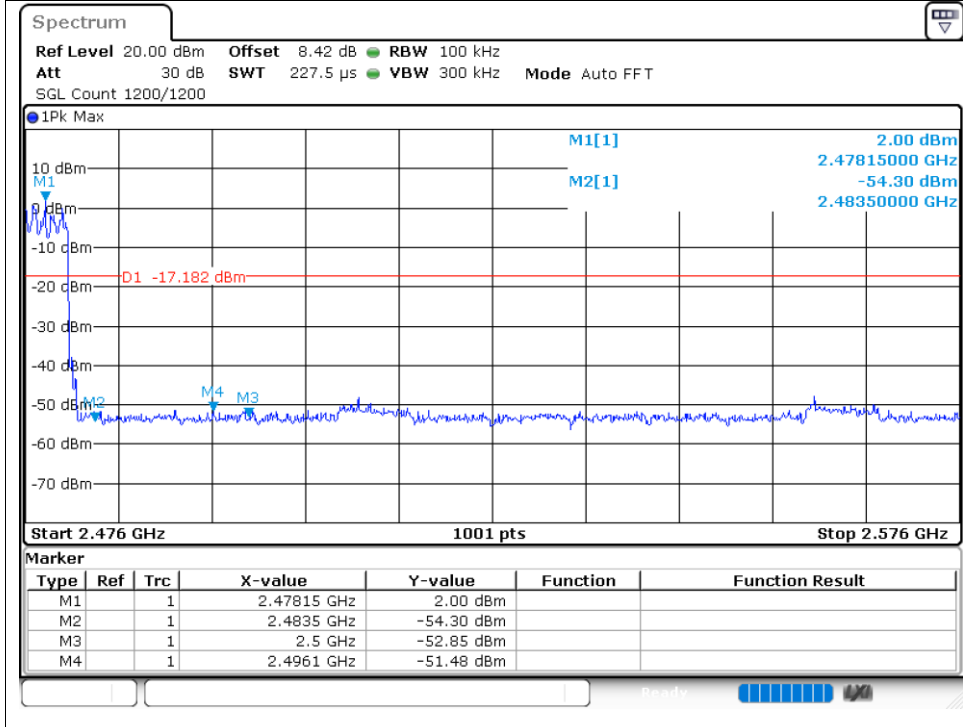
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

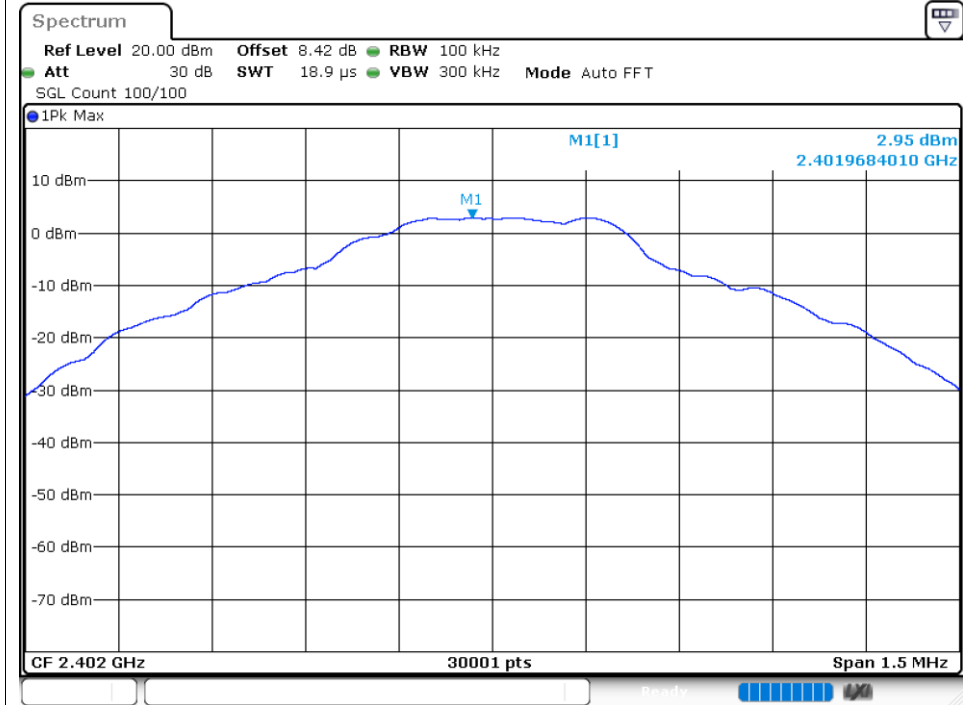


8.9 CONDUCTED RF SPURIOUS EMISSION

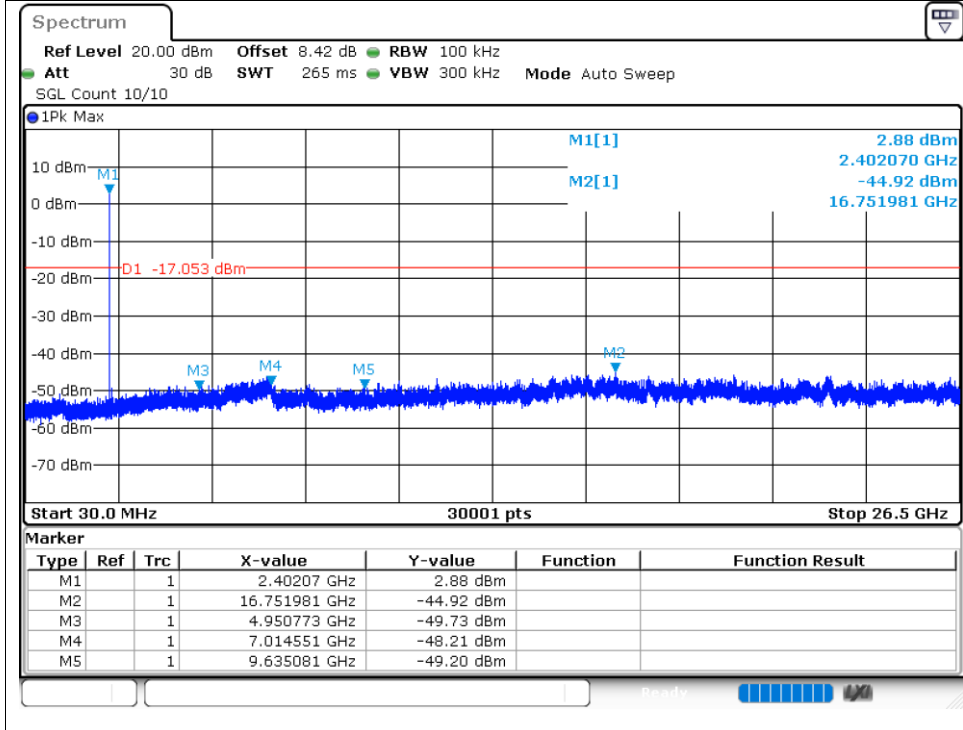
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-47.87	-20	Pass
NVNT	1-DH5	2441	Ant1	-48.08	-20	Pass
NVNT	1-DH5	2480	Ant1	-48.46	-20	Pass
NVNT	2-DH5	2402	Ant1	-44.22	-20	Pass
NVNT	2-DH5	2441	Ant1	-46.4	-20	Pass
NVNT	2-DH5	2480	Ant1	-47.43	-20	Pass
NVNT	3-DH5	2402	Ant1	-44.67	-20	Pass
NVNT	3-DH5	2441	Ant1	-46.42	-20	Pass
NVNT	3-DH5	2480	Ant1	-46.15	-20	Pass

Test Graphs

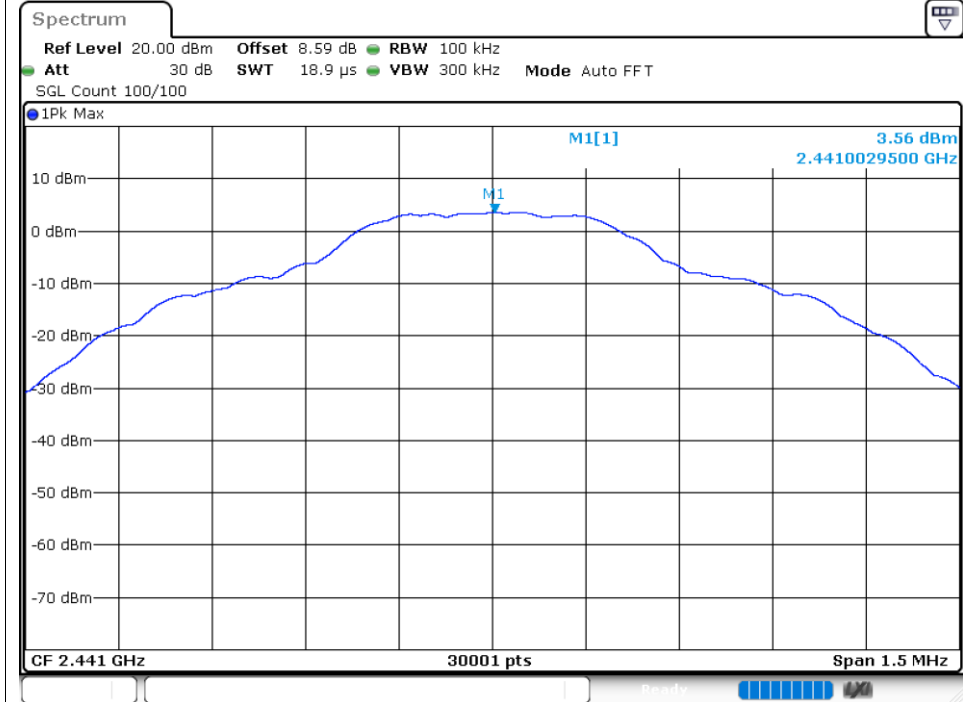
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



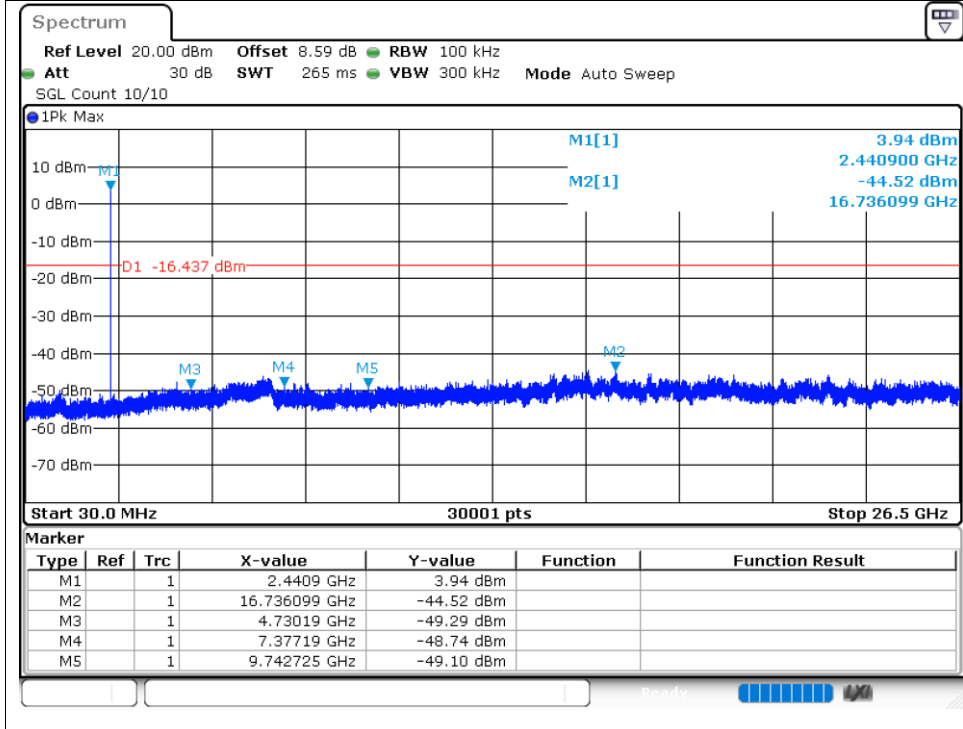
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



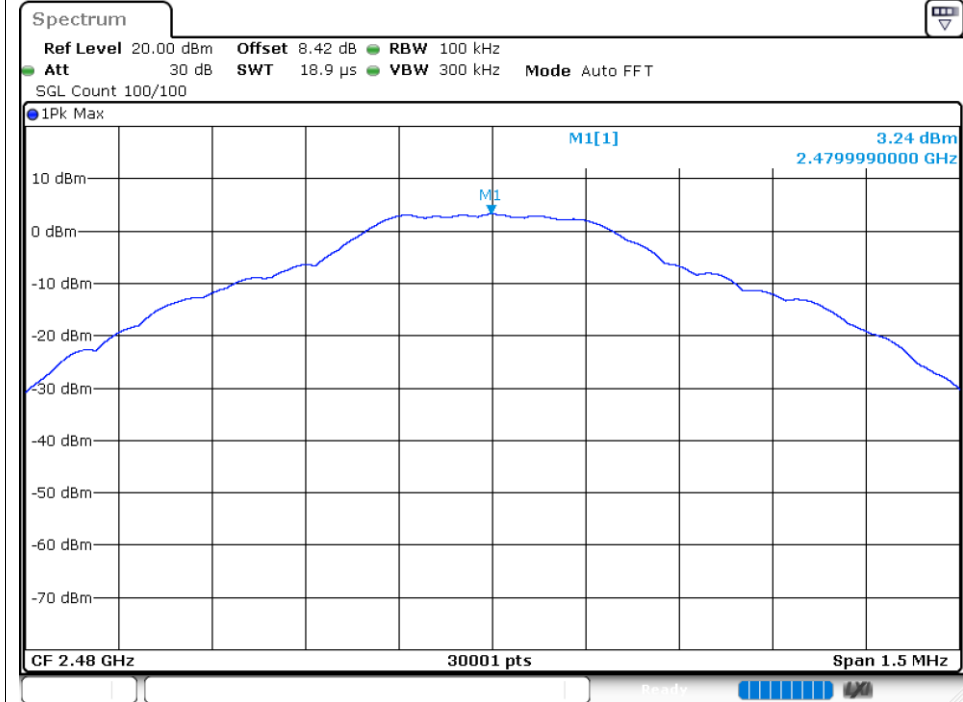
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



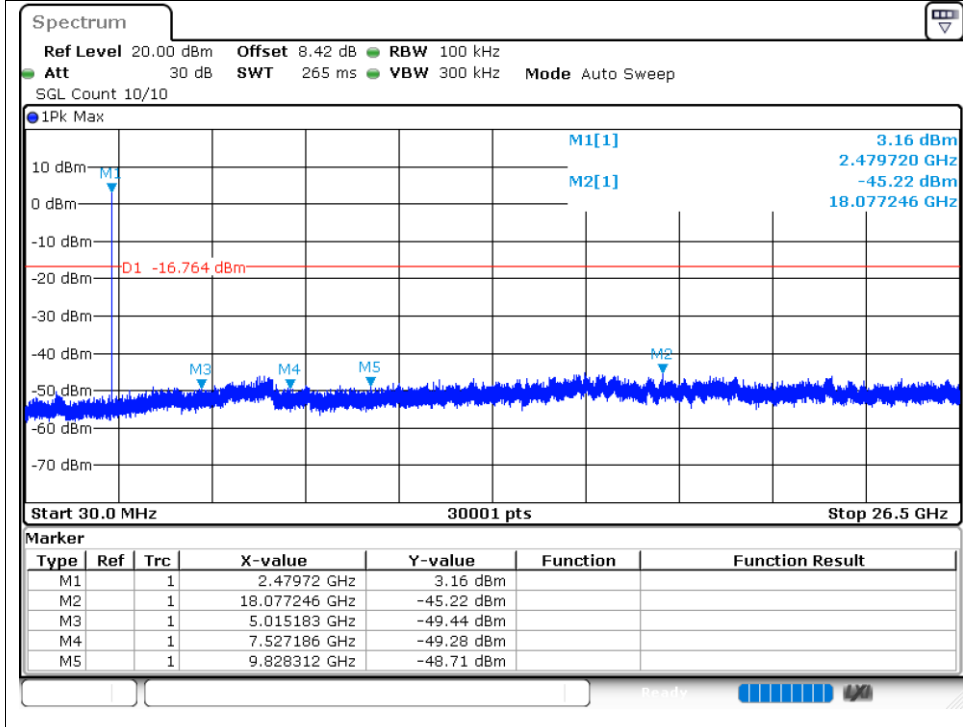
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



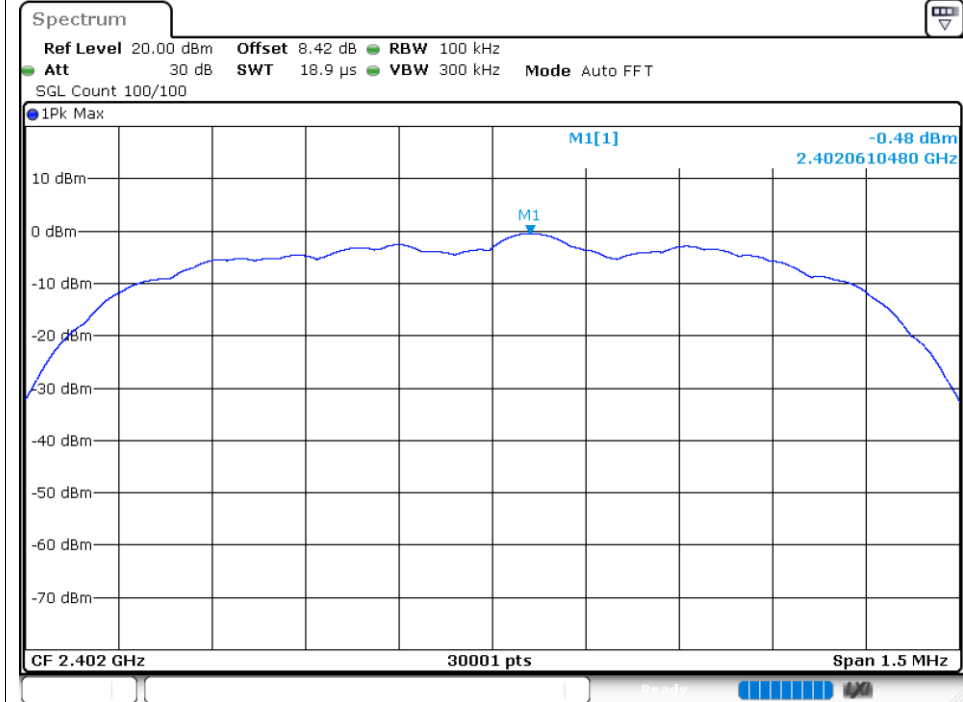
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



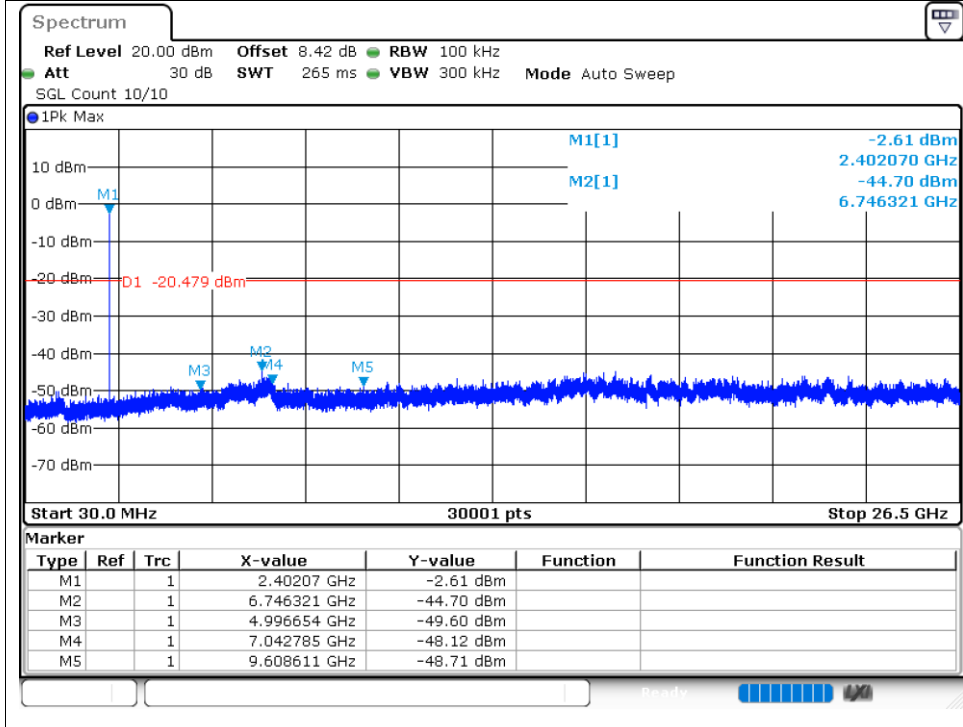
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



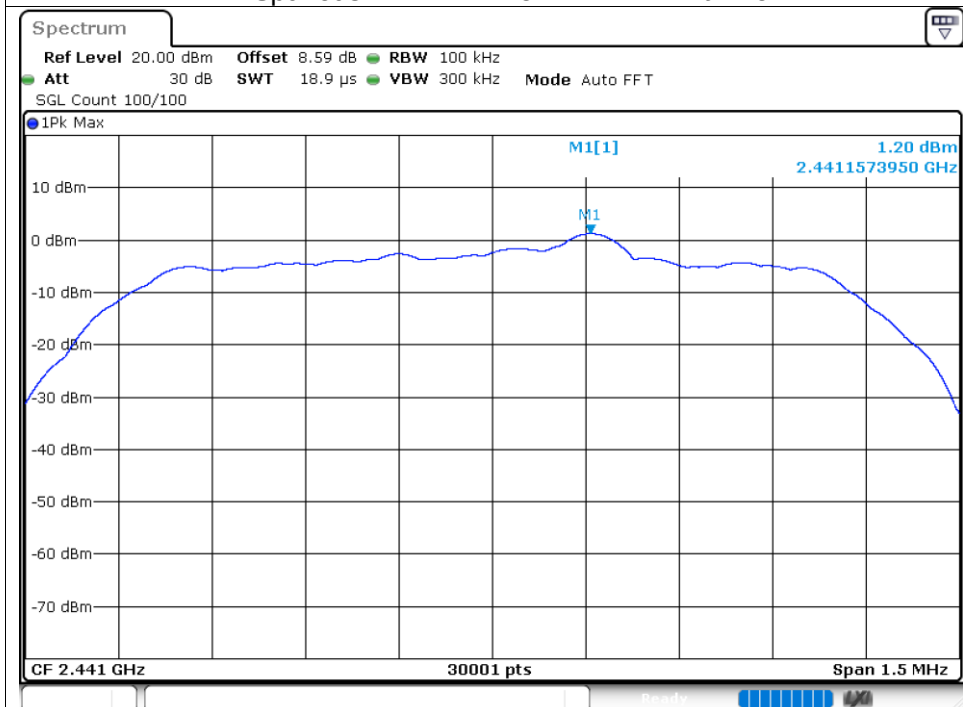
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



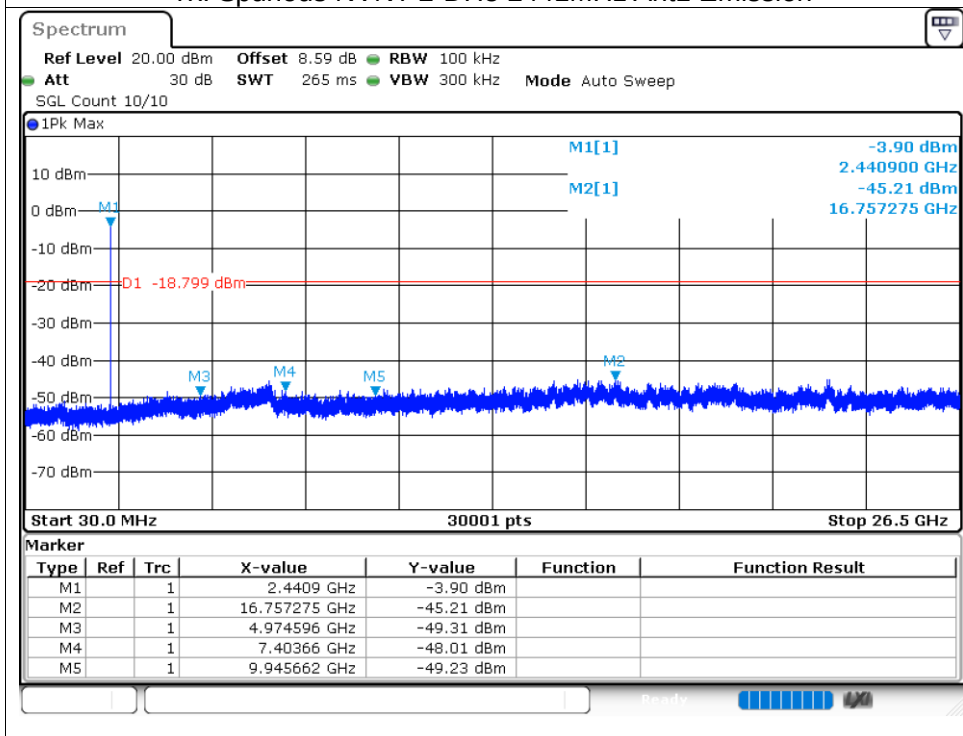
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



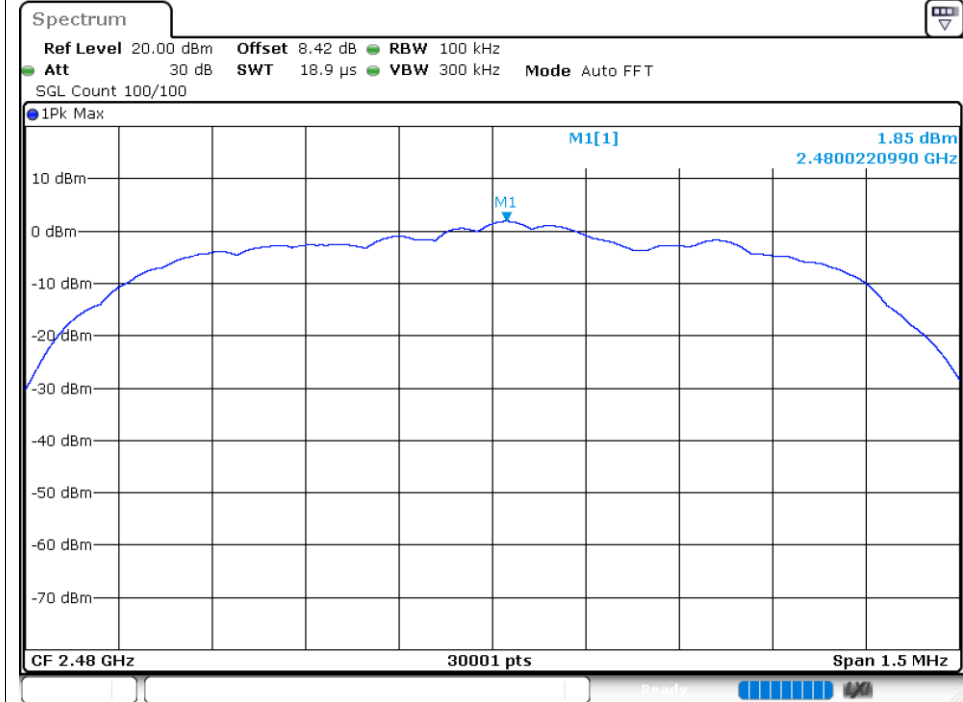
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



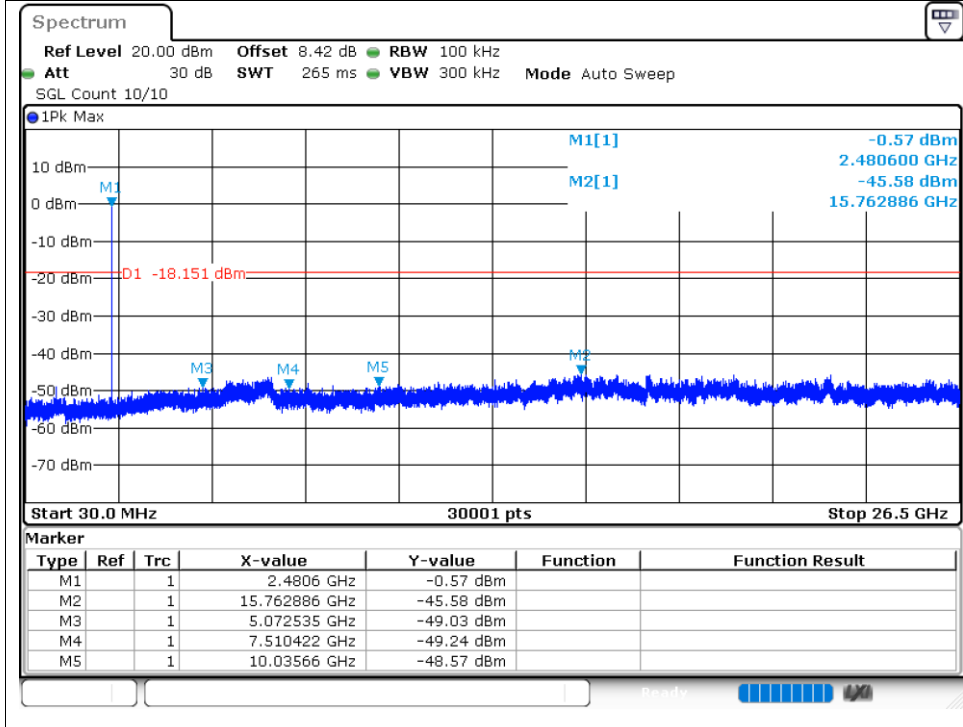
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



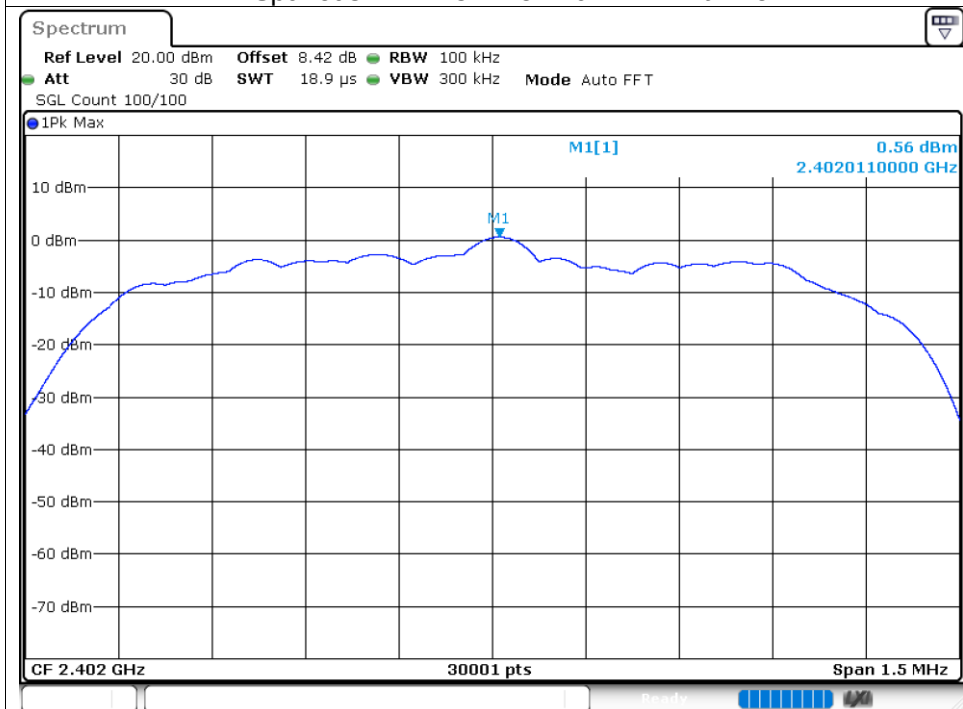
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



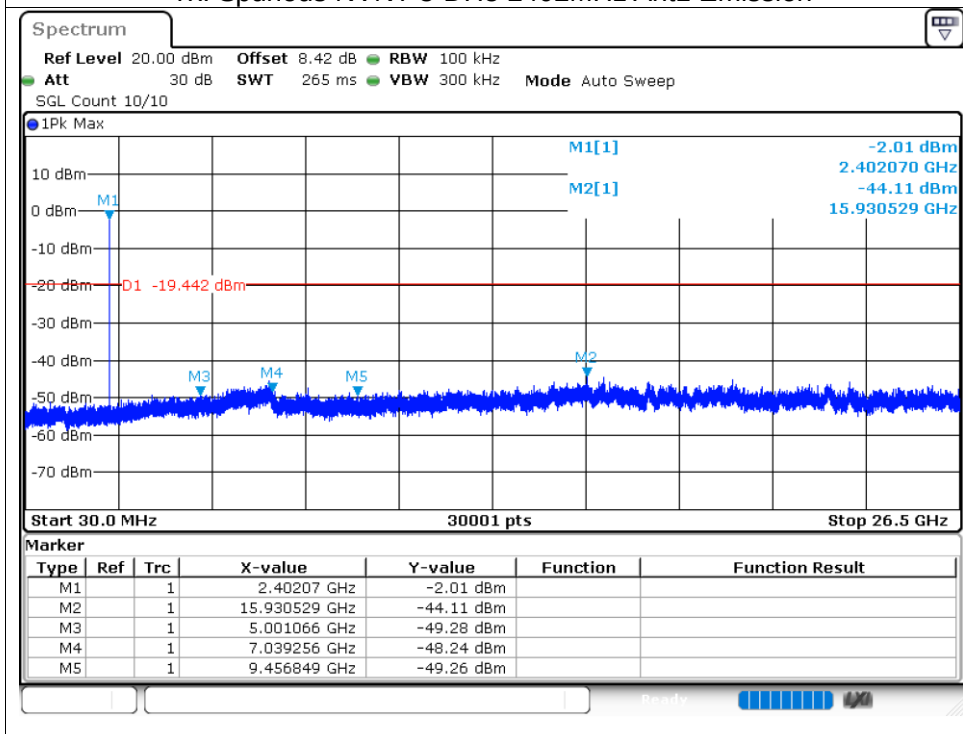
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



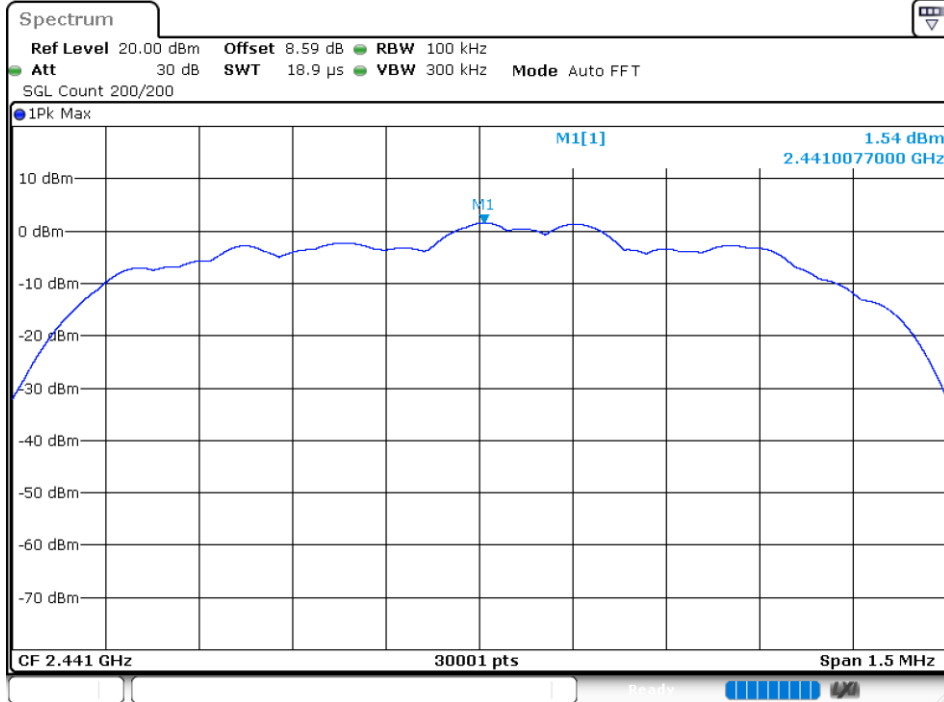
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



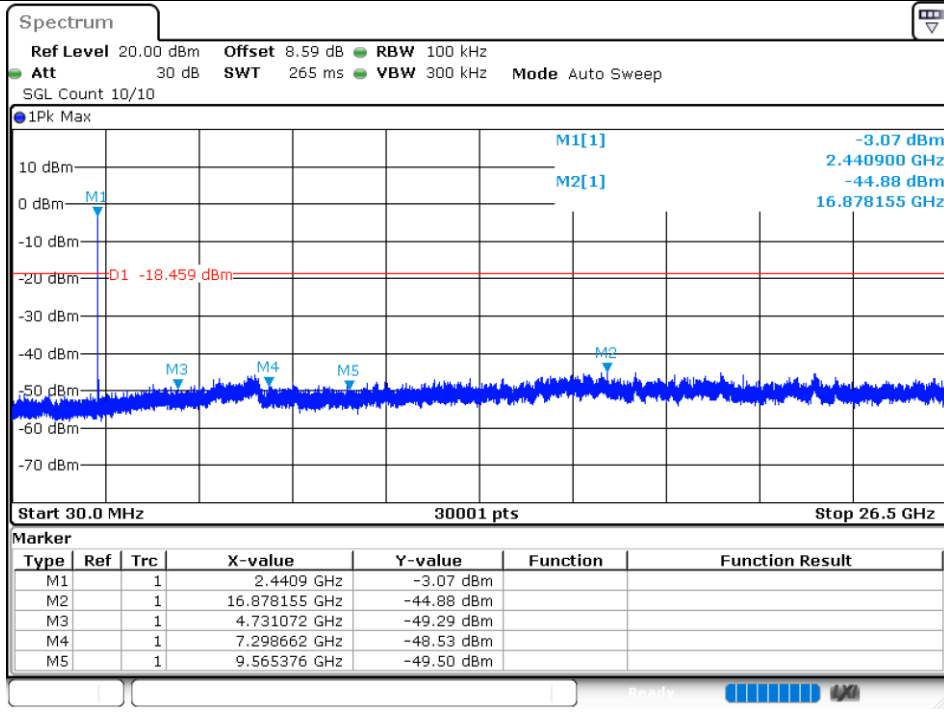
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



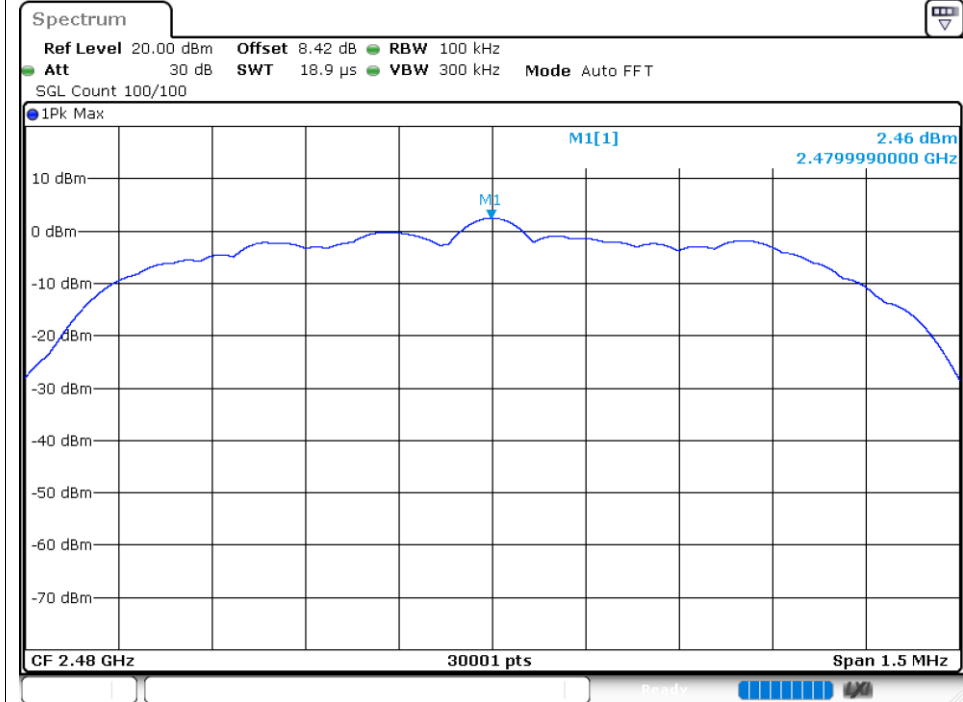
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



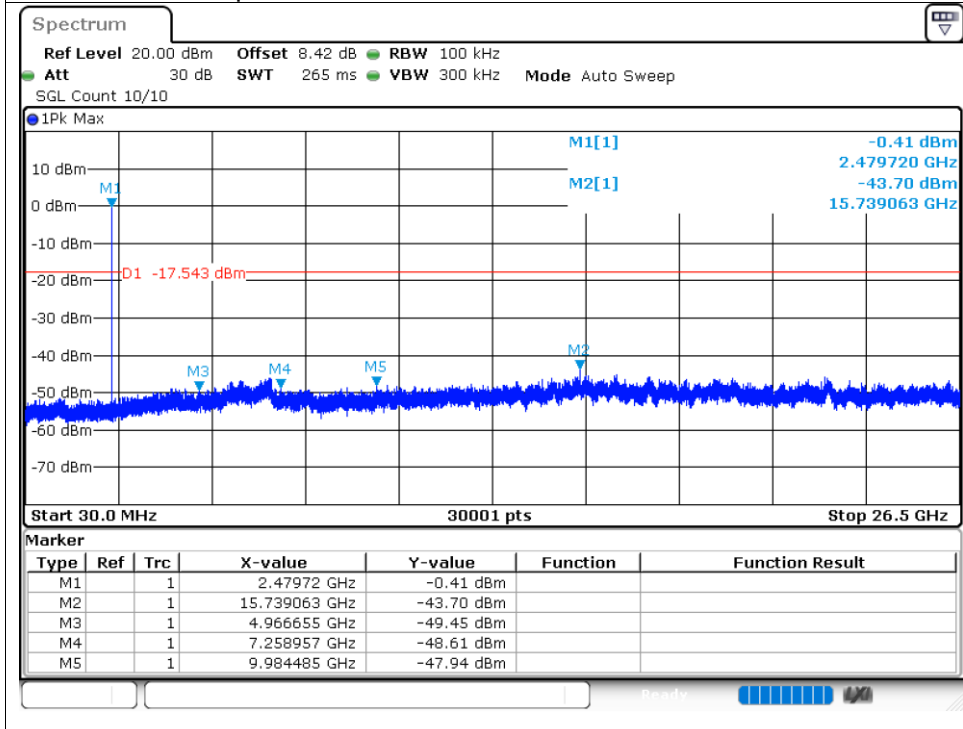
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



END OF REPORT