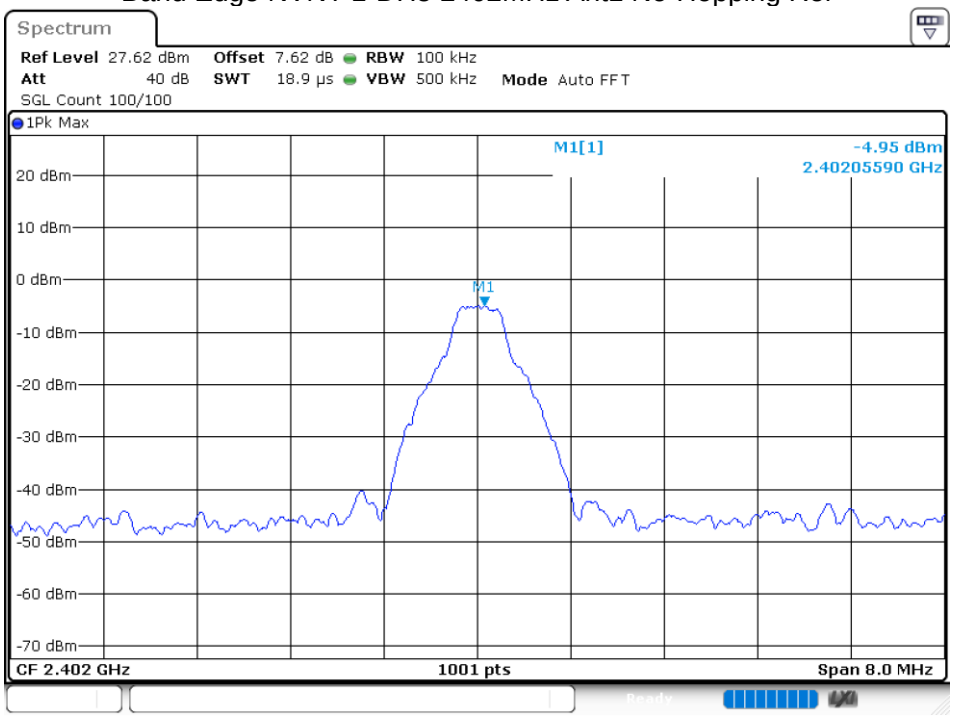
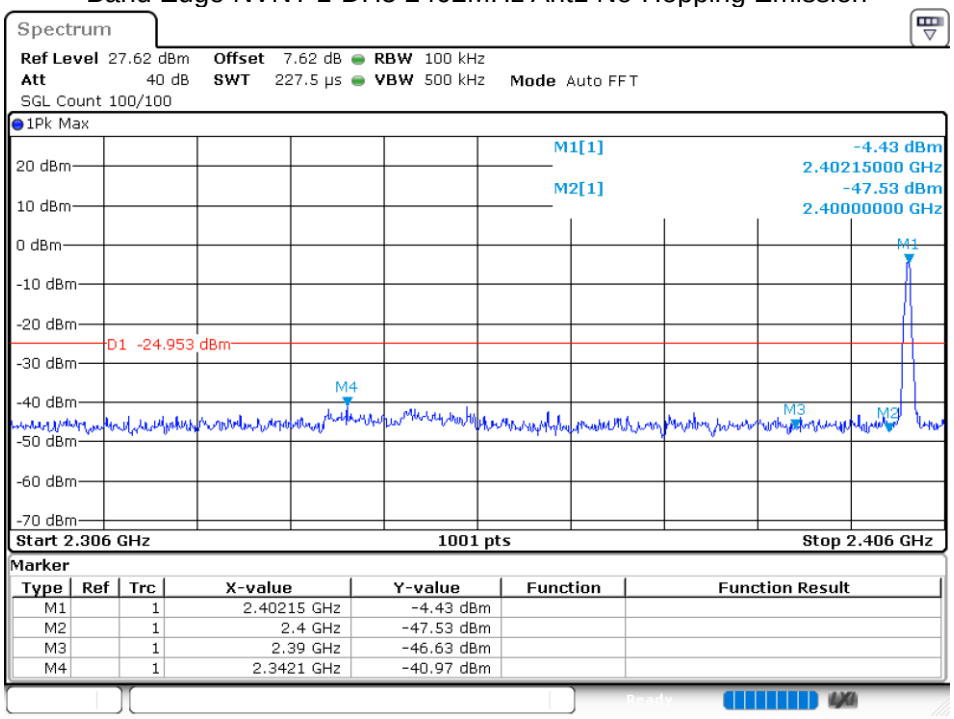
8.1.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	No-Hopping	-36.01	-20	Pass
NVNT	1-DH5	2402	Ant 1	Hopping	-36.03	-20	Pass
NVNT	1-DH5	2480	Ant 1	No-Hopping	-38.49	-20	Pass
NVNT	1-DH5	2480	Ant 1	Hopping	-38.64	-20	Pass
NVNT	2-DH5	2402	Ant 1	No-Hopping	-36.66	-20	Pass
NVNT	2-DH5	2402	Ant 1	Hopping	-37.51	-20	Pass
NVNT	2-DH5	2480	Ant 1	No-Hopping	-37.09	-20	Pass
NVNT	2-DH5	2480	Ant 1	Hopping	-38.05	-20	Pass

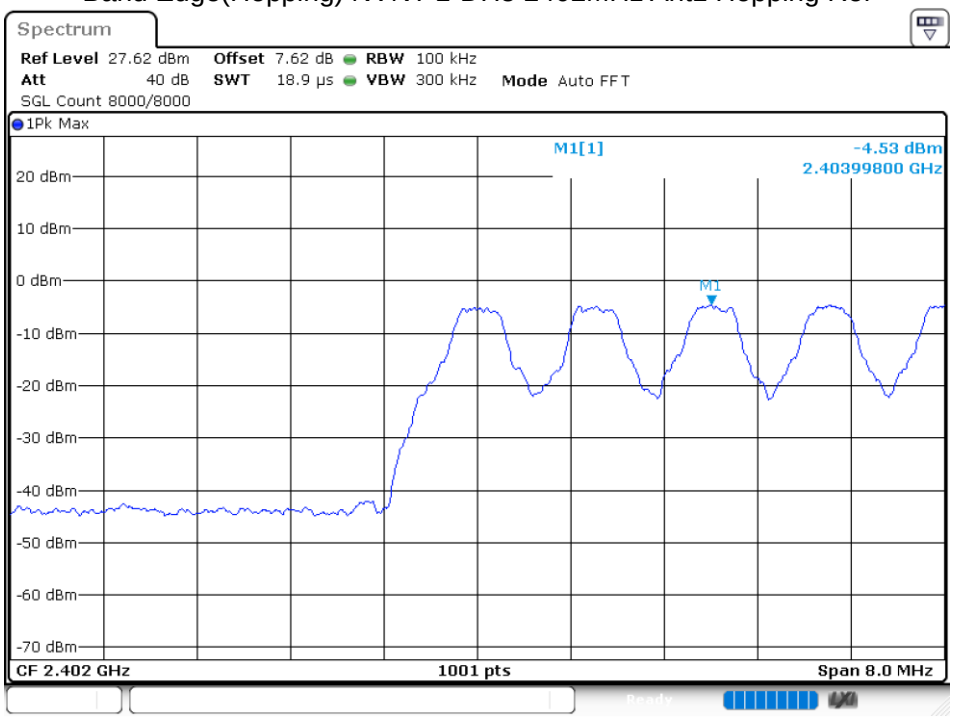
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



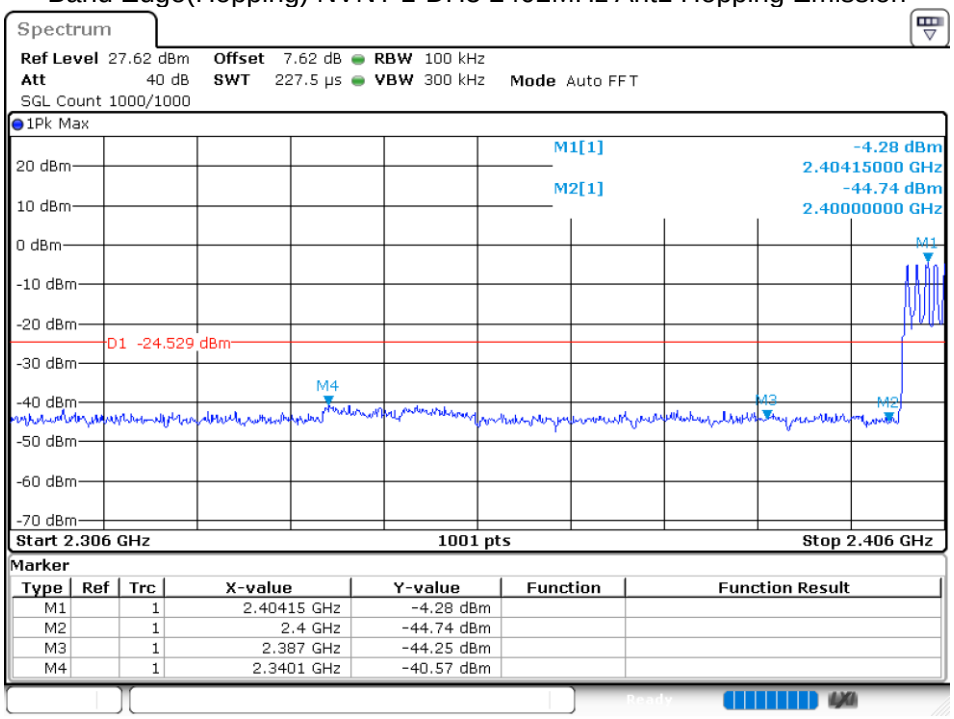
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



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



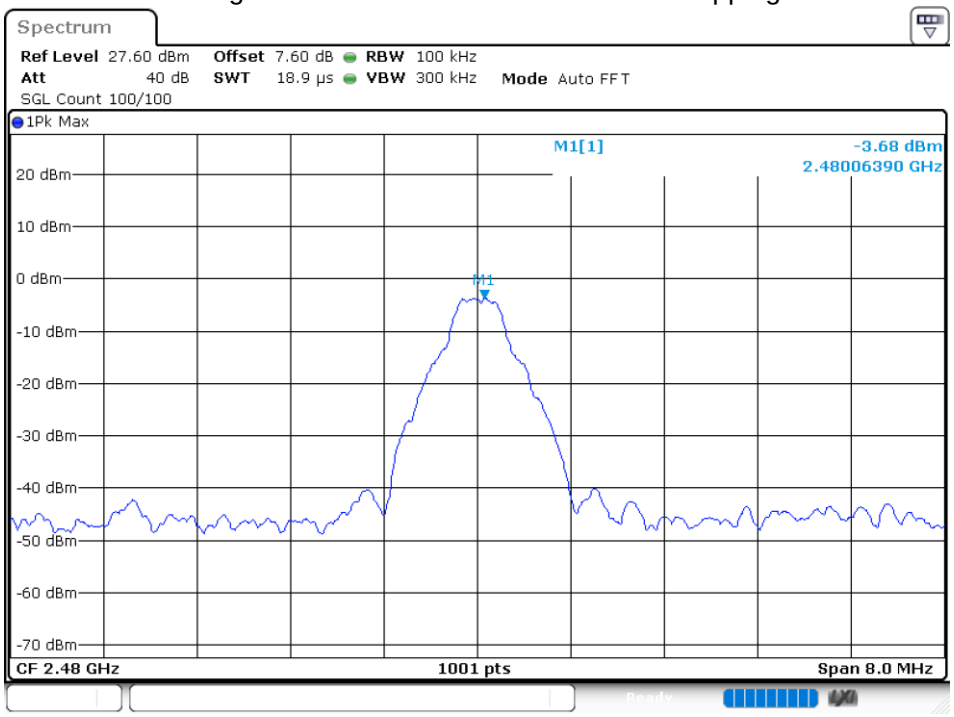
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



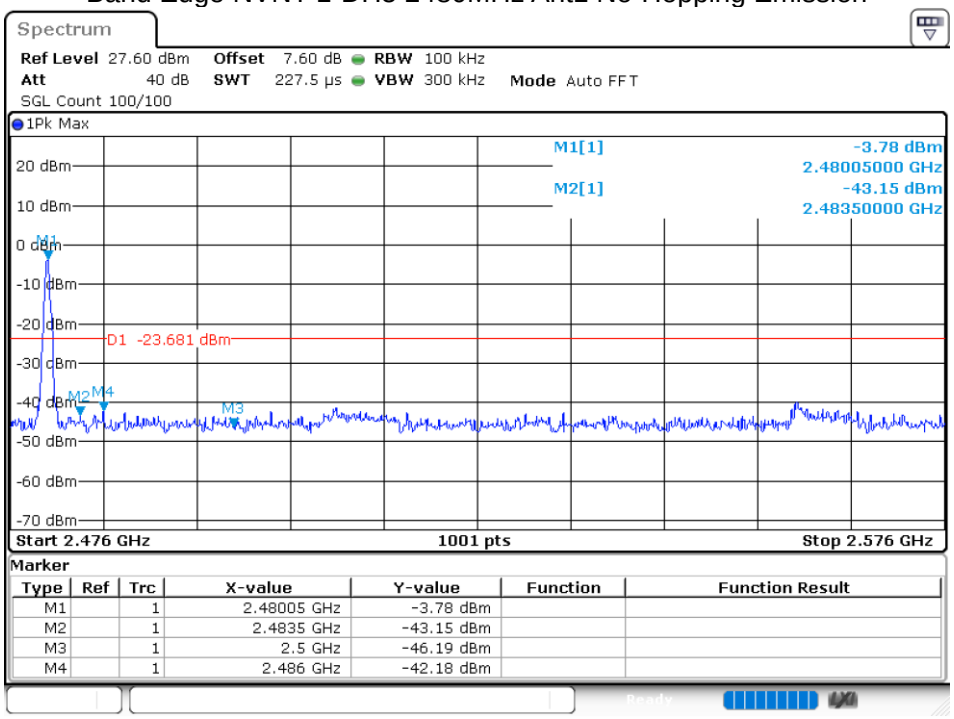
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40415 GHz	-4.28 dBm		
M2		1	2.4 GHz	-44.74 dBm		
M3		1	2.387 GHz	-44.25 dBm		
M4		1	2.3401 GHz	-40.57 dBm		

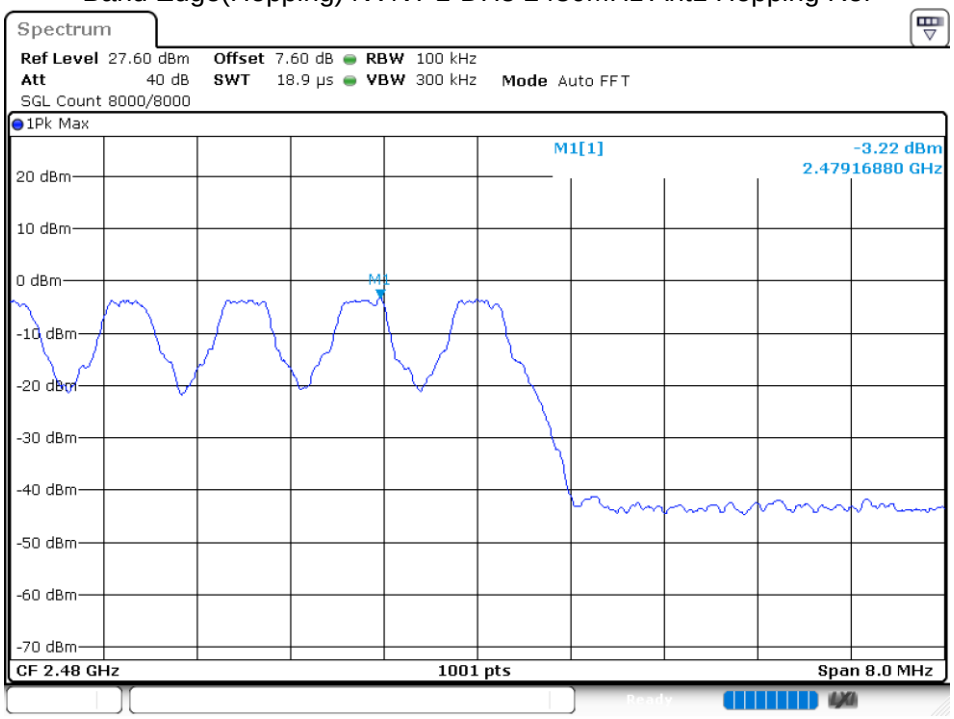
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



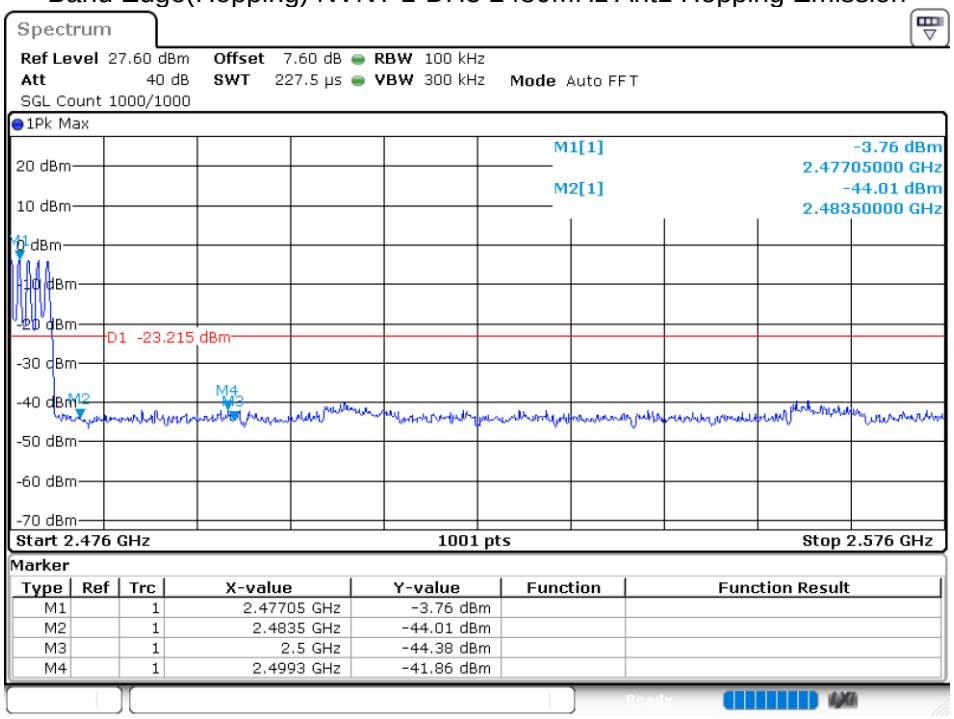
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



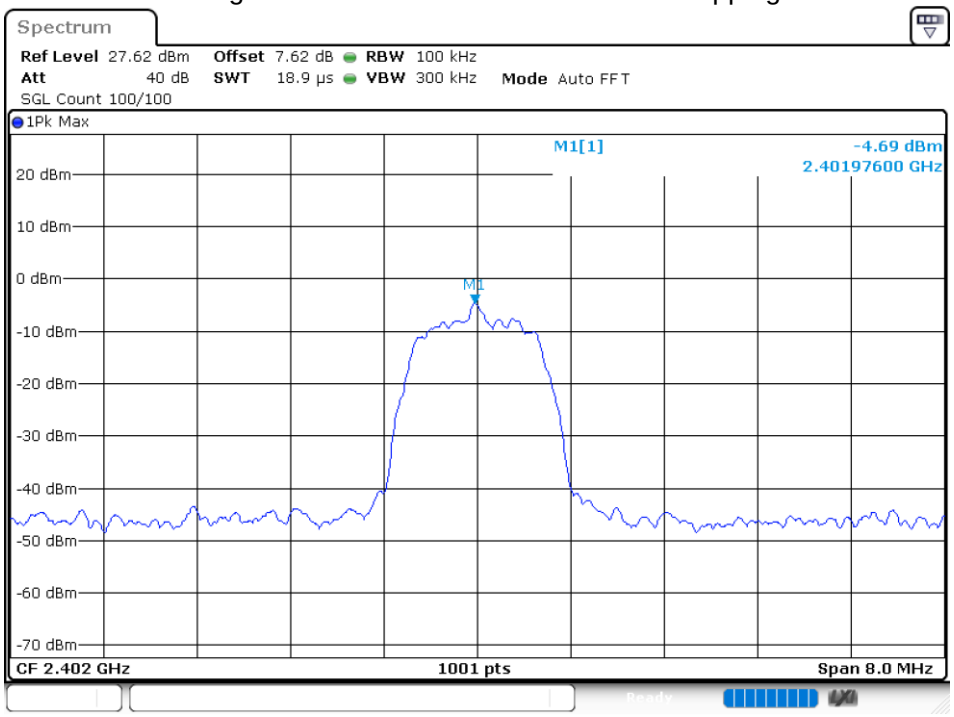
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



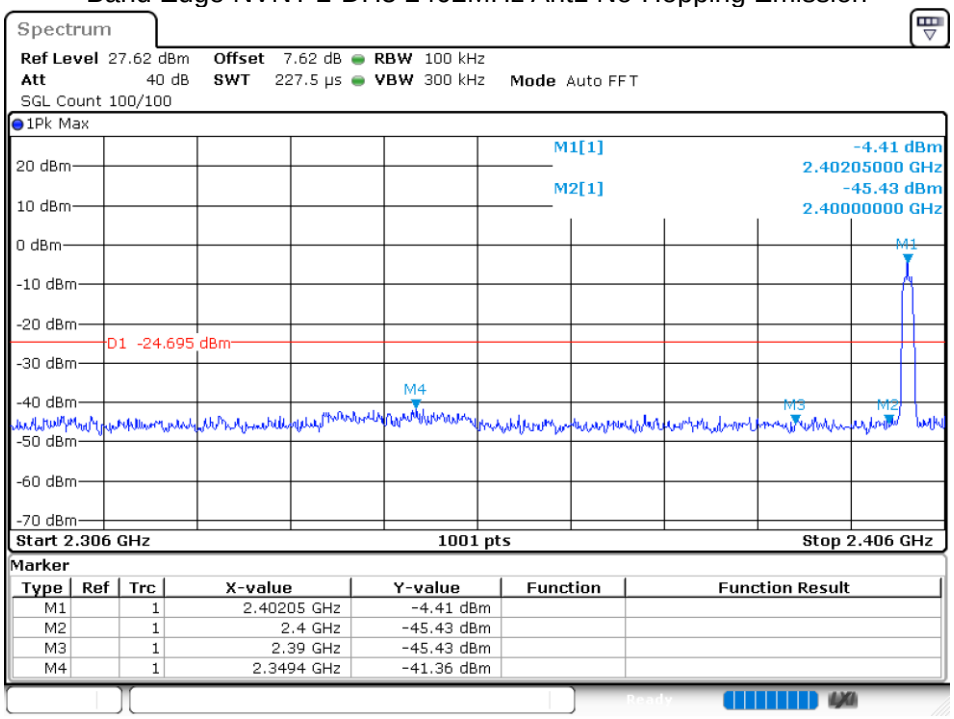
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



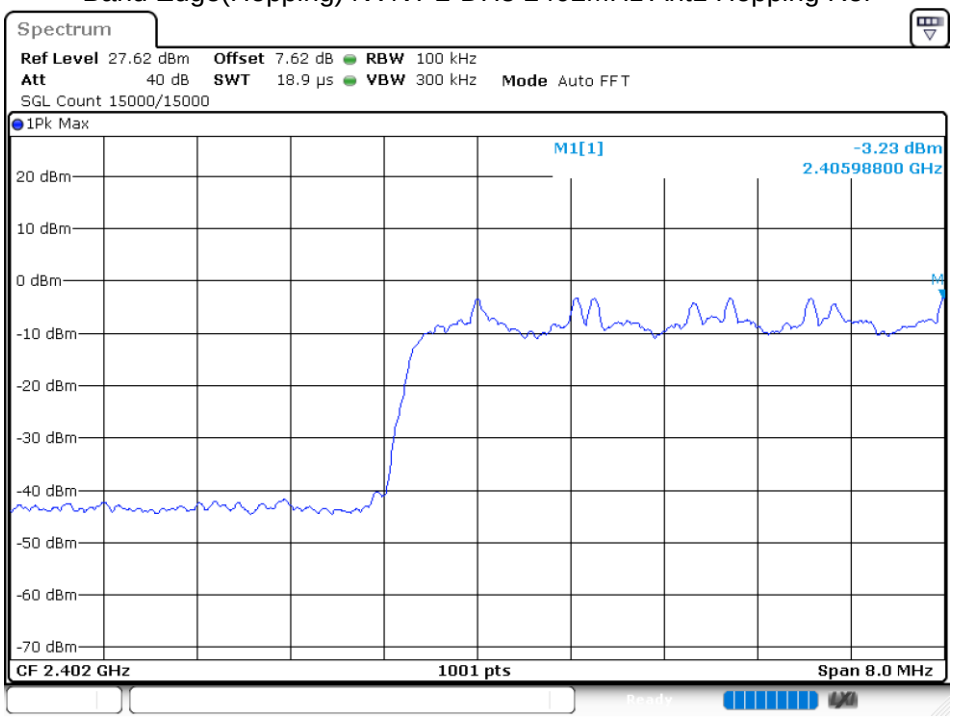
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



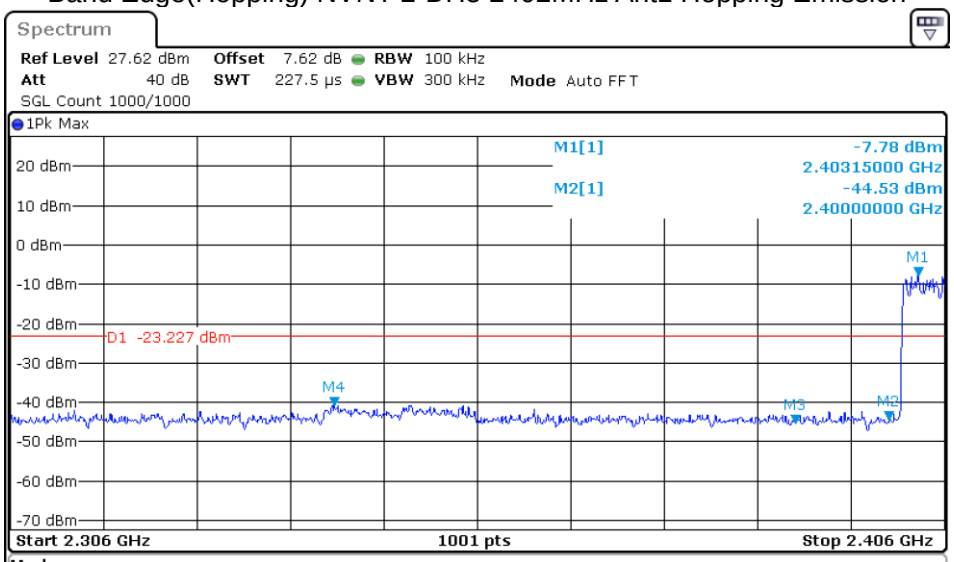
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



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



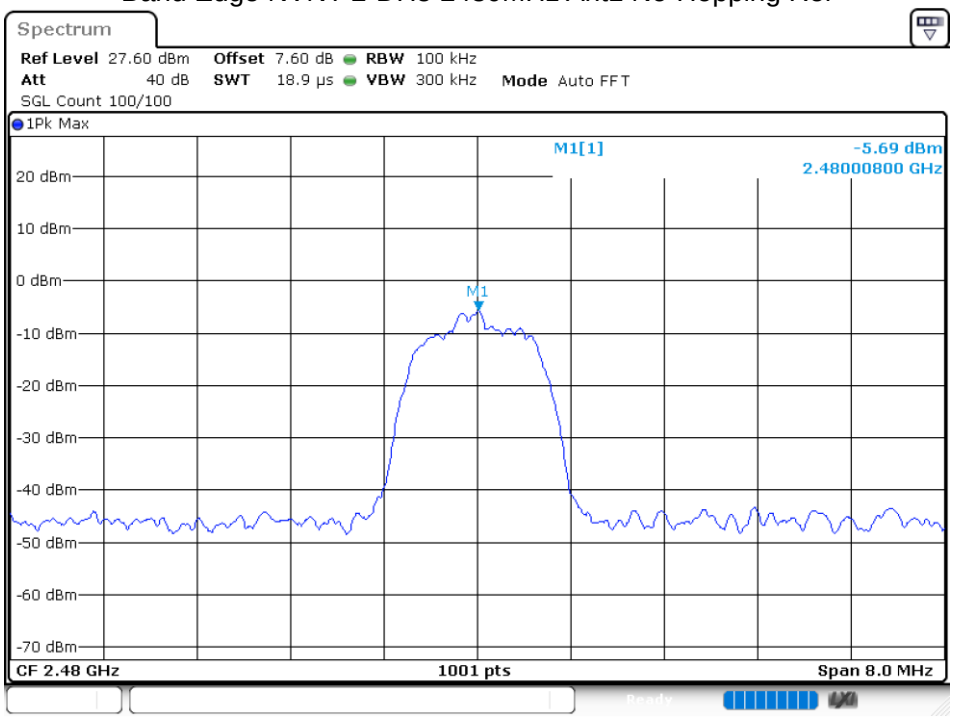
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



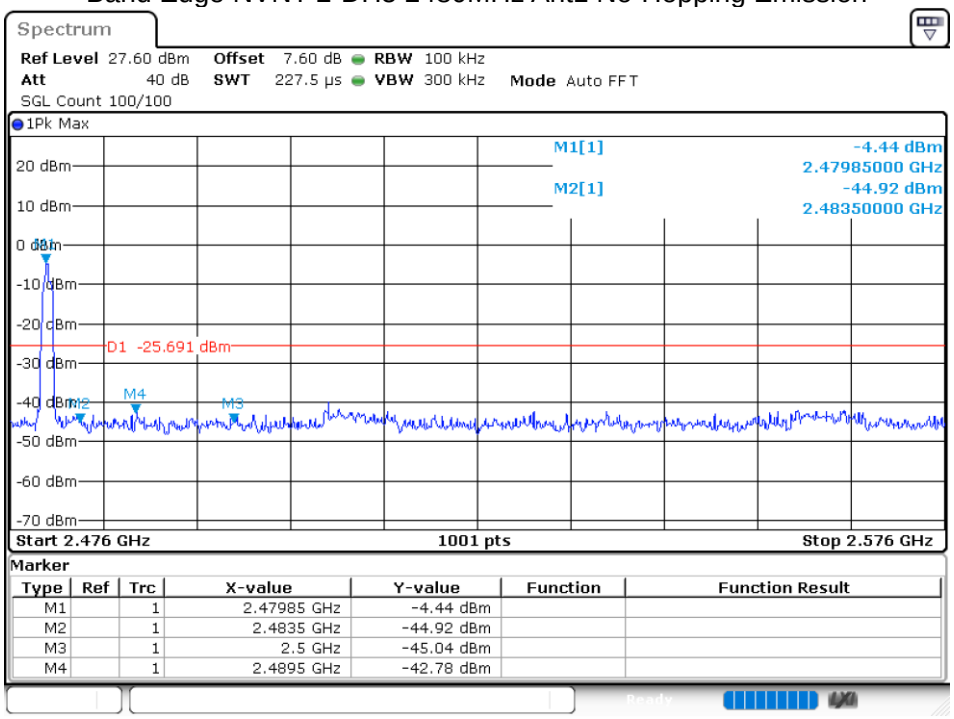
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40315 GHz	-7.78 dBm		
M2		1	2.4 GHz	-44.53 dBm		
M3		1	2.39 GHz	-45.25 dBm		
M4		1	2.3407 GHz	-40.74 dBm		

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



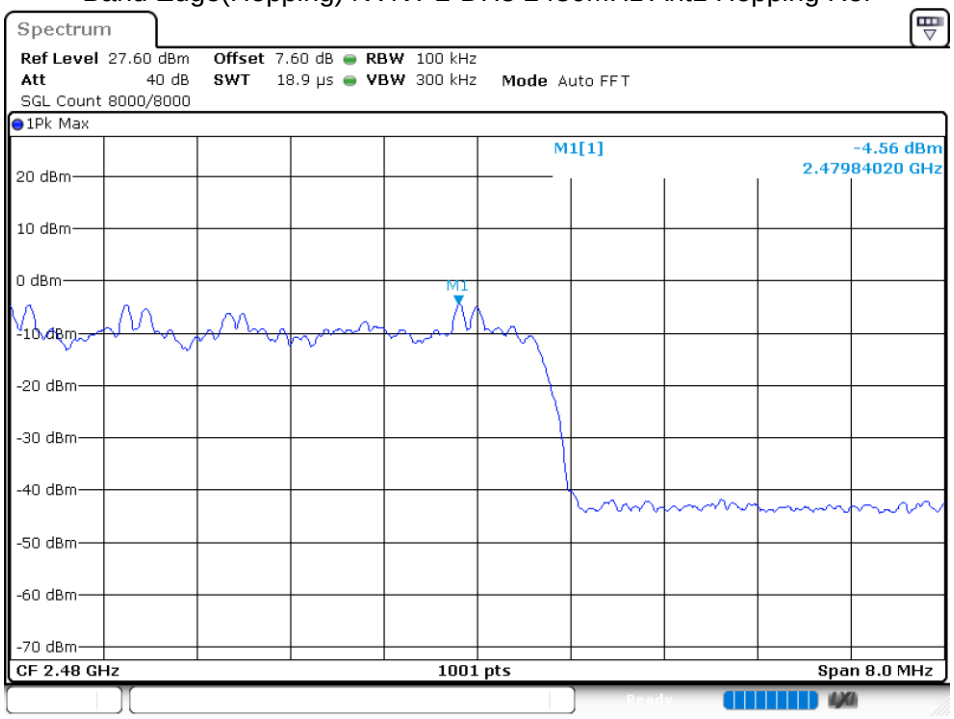
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



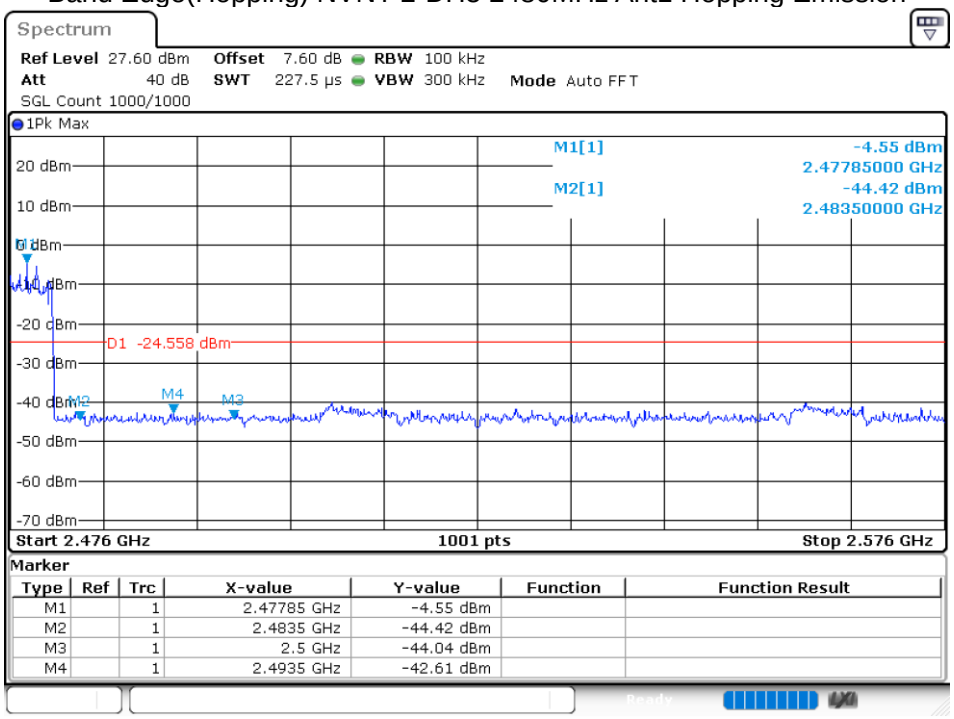
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47985 GHz	-4.44 dBm		
M2		1	2.4835 GHz	-44.92 dBm		
M3		1	2.5 GHz	-45.04 dBm		
M4		1	2.4895 GHz	-42.78 dBm		

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



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



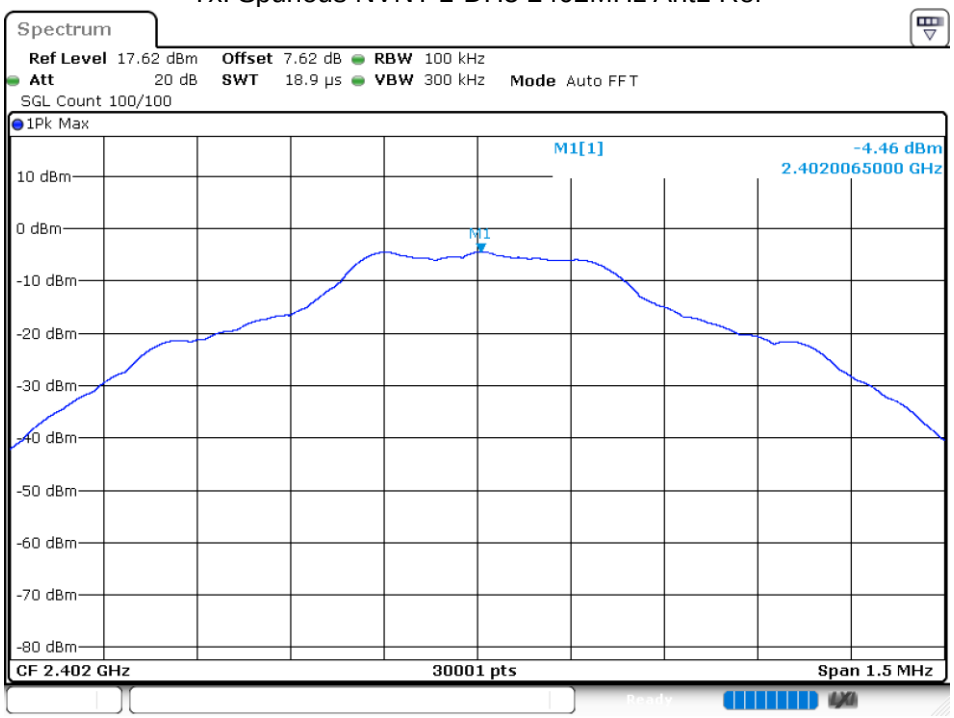
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47785 GHz	-4.55 dBm		
M2		1	2.4835 GHz	-44.42 dBm		
M3		1	2.5 GHz	-44.04 dBm		
M4		1	2.4935 GHz	-42.61 dBm		

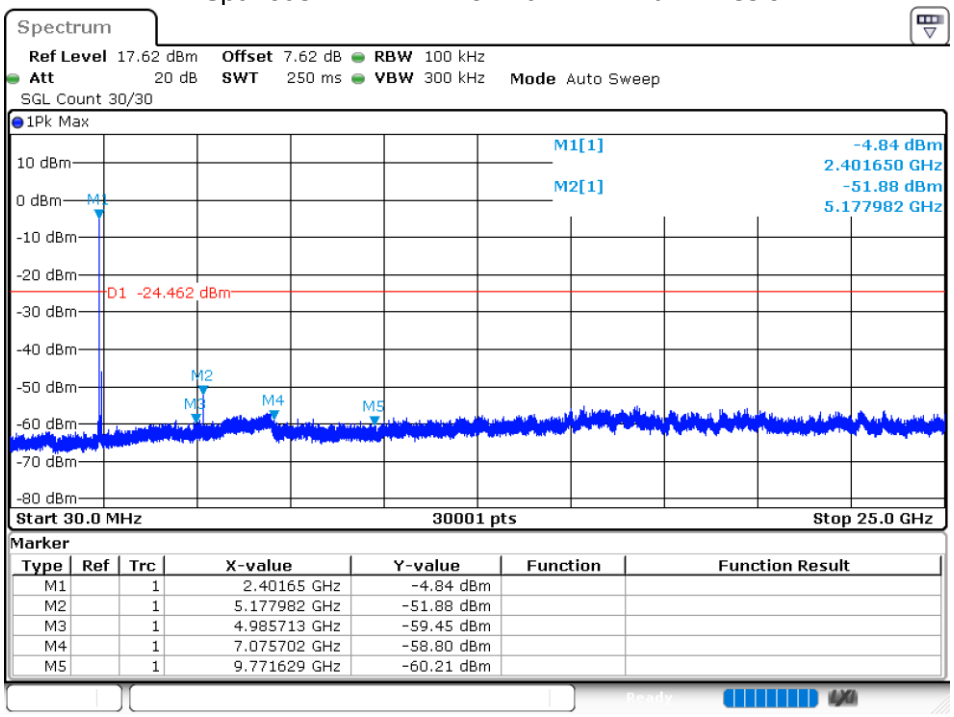
8.1.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	-47.41	-20	Pass
NVNT	1-DH5	2441	Ant 1	-43.56	-20	Pass
NVNT	1-DH5	2480	Ant 1	-52.09	-20	Pass
NVNT	2-DH5	2402	Ant 1	-52.18	-20	Pass
NVNT	2-DH5	2441	Ant 1	-48.09	-20	Pass
NVNT	2-DH5	2480	Ant 1	-49.42	-20	Pass

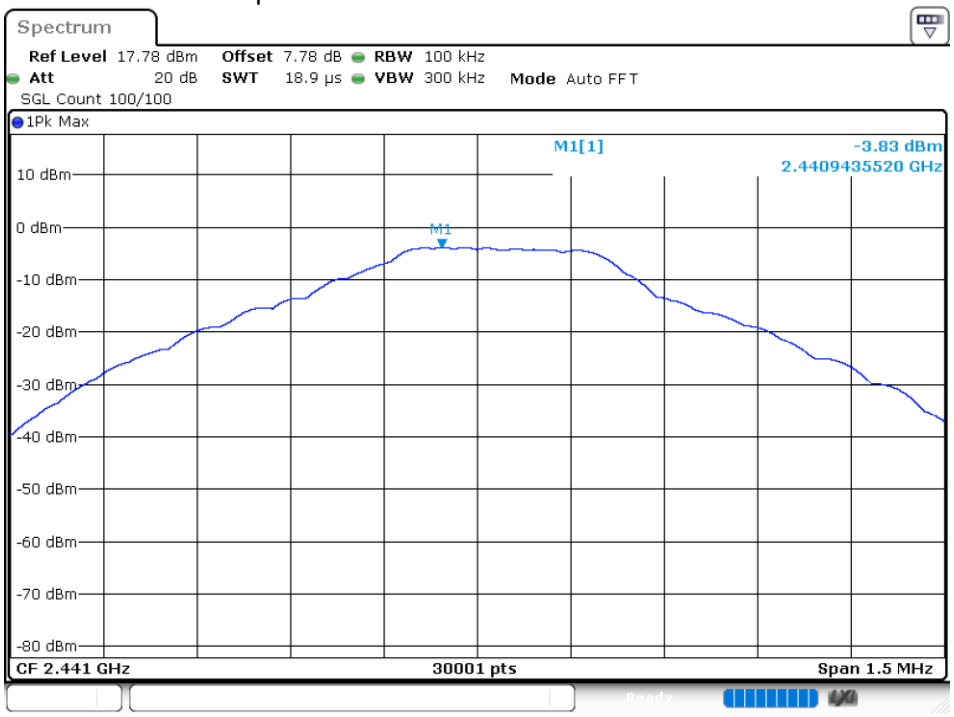
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



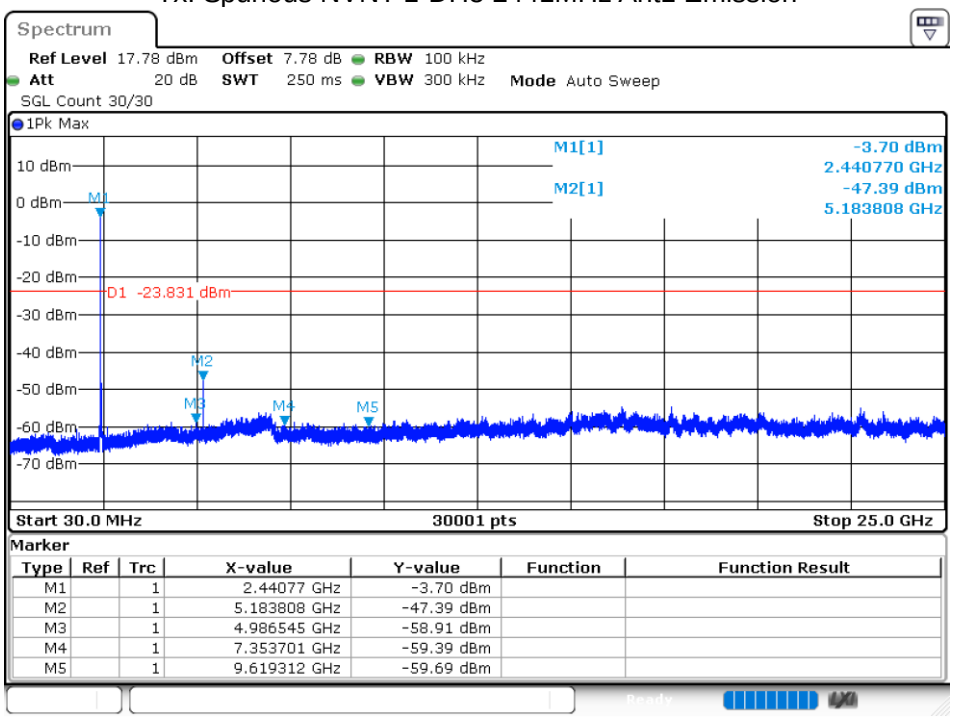
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



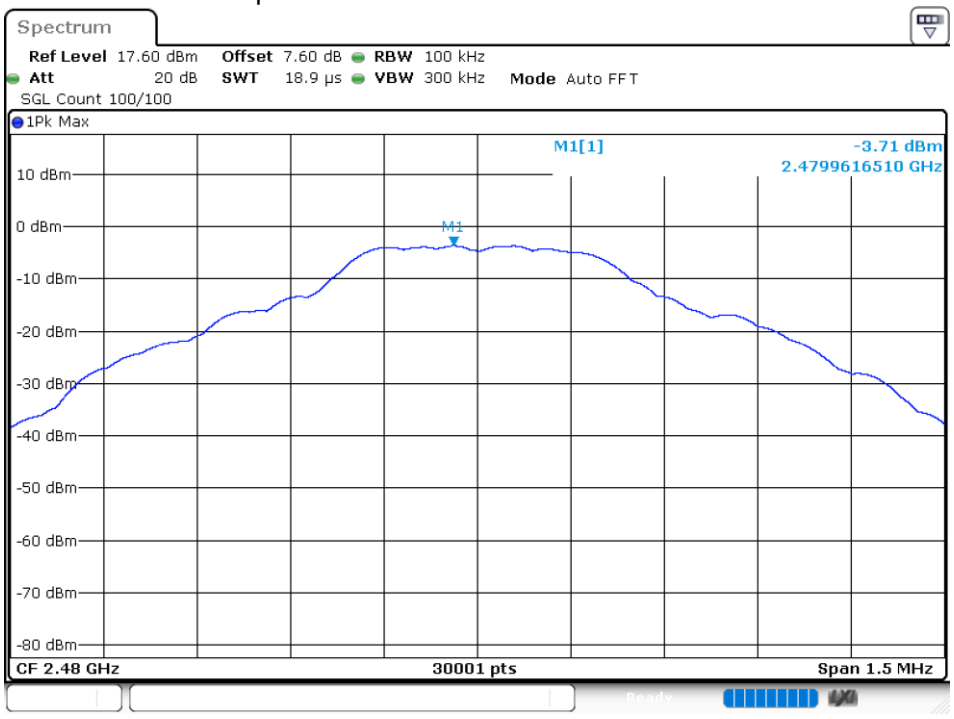
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



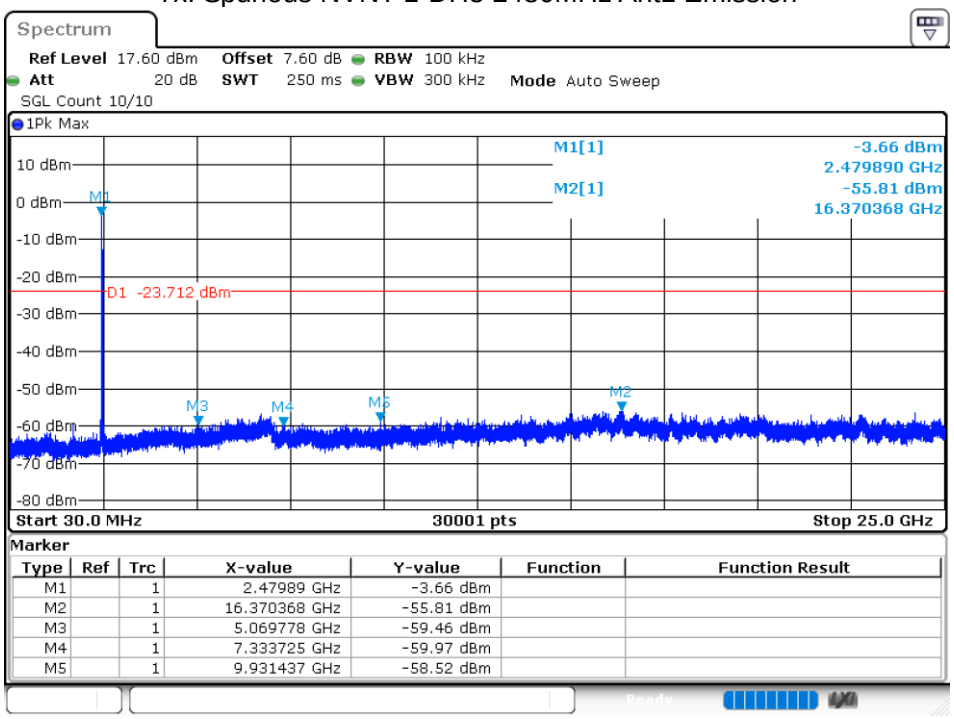
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44077 GHz	-3.70 dBm		
M2		1	5.183808 GHz	-47.39 dBm		
M3		1	4.986545 GHz	-58.91 dBm		
M4		1	7.353701 GHz	-59.39 dBm		
M5		1	9.619312 GHz	-59.69 dBm		

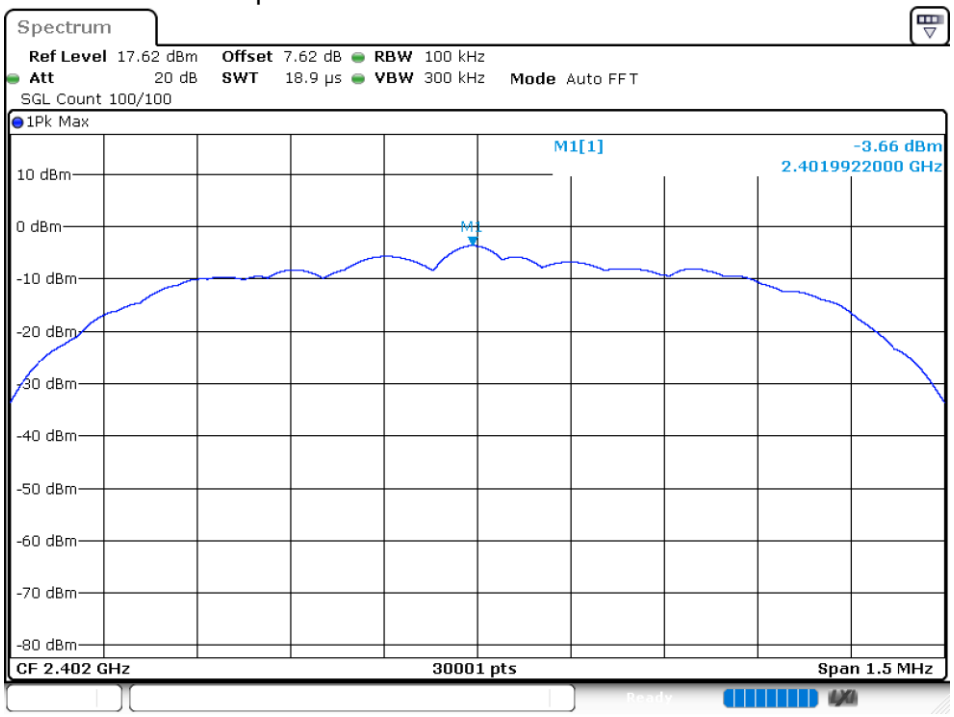
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



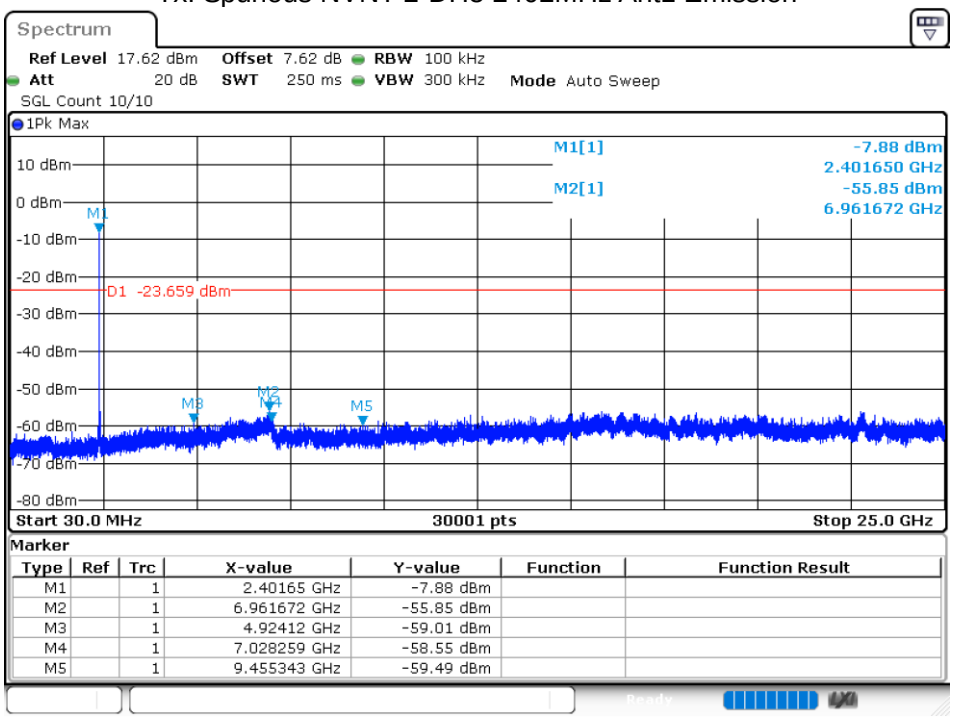
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



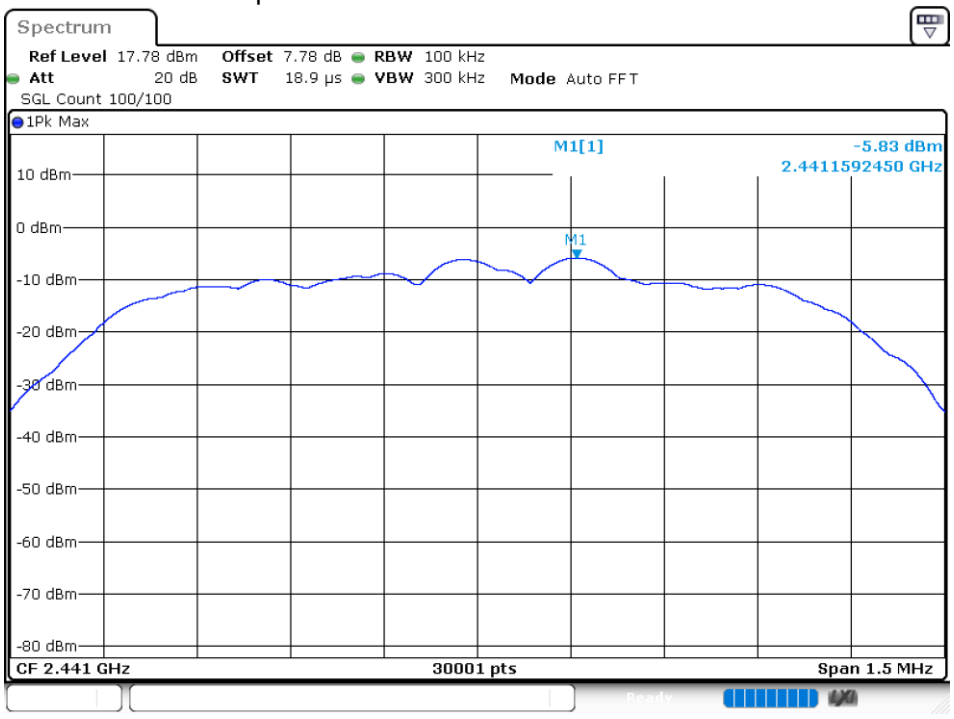
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



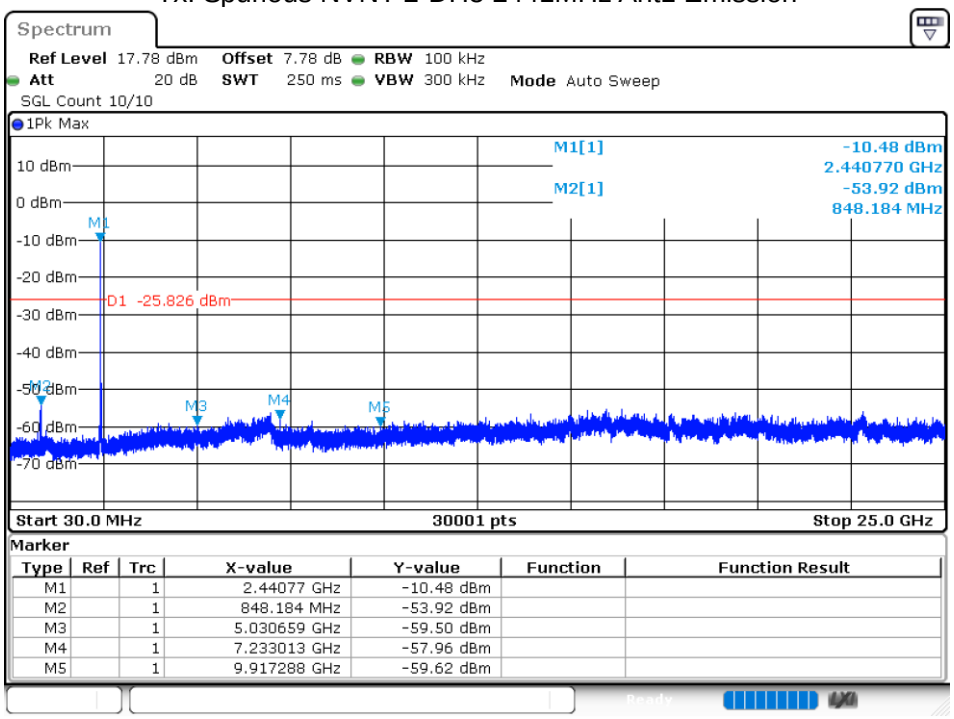
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



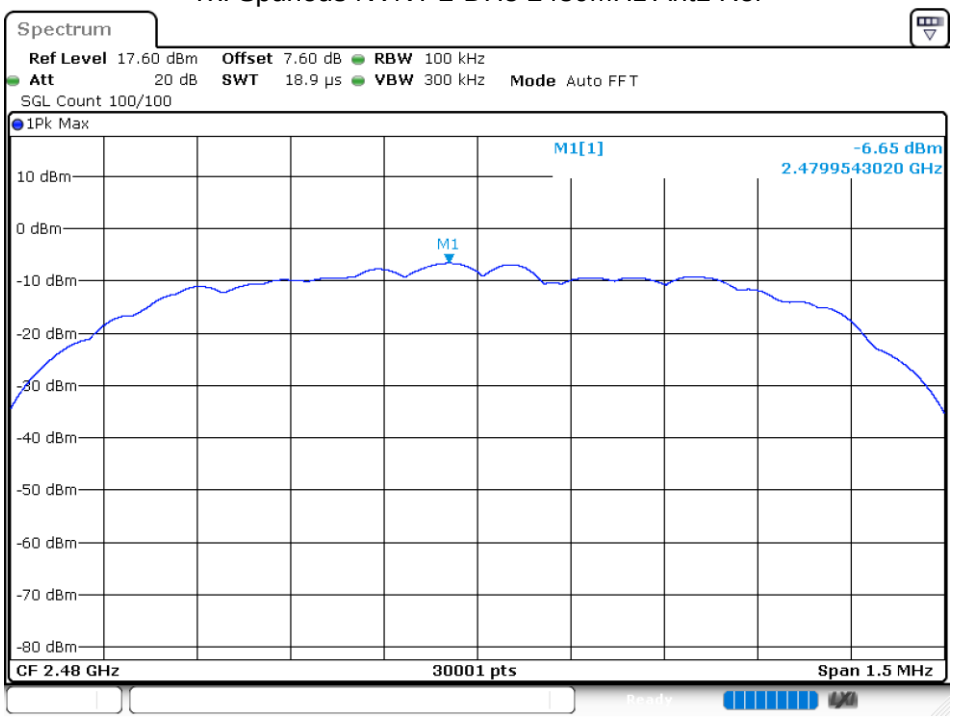
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



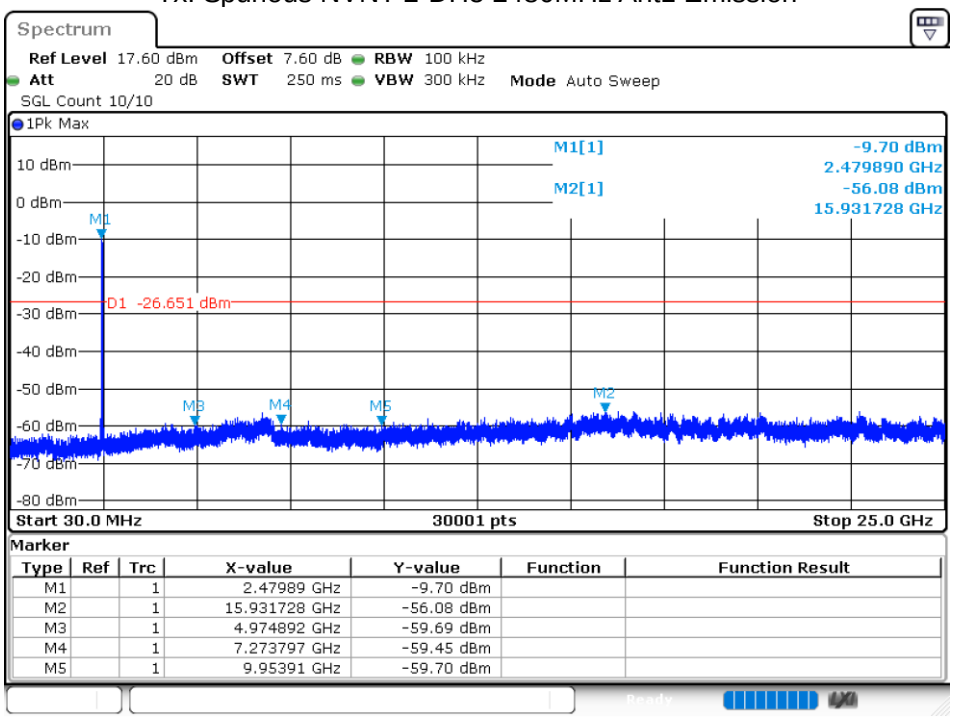
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



Marker

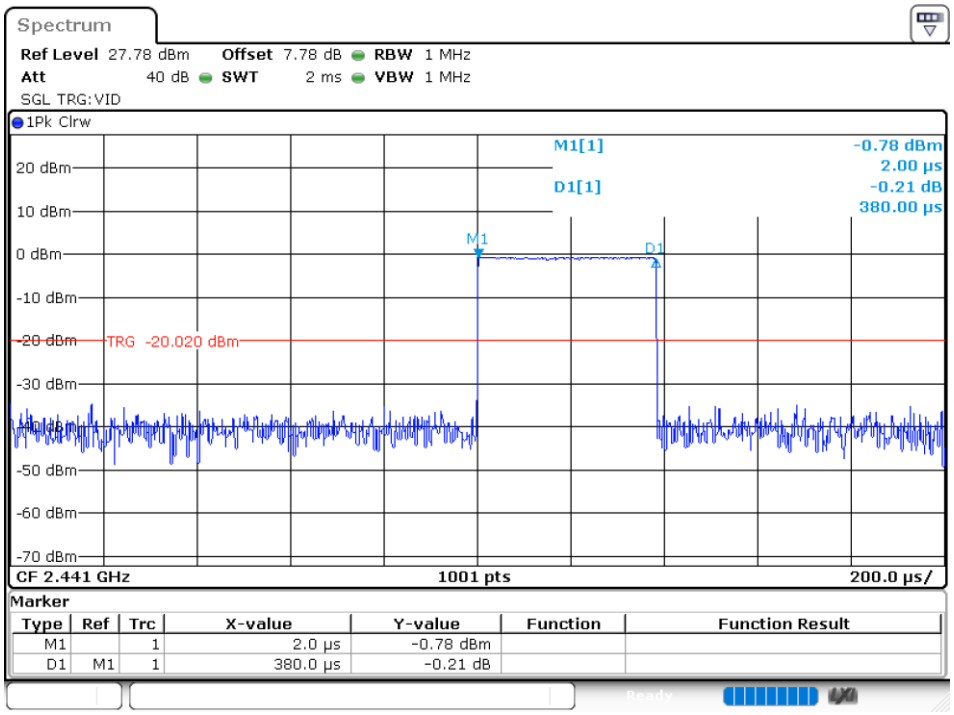
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47989 GHz	-9.70 dBm		
M2		1	15.931728 GHz	-56.08 dBm		
M3		1	4.974892 GHz	-59.69 dBm		
M4		1	7.273797 GHz	-59.45 dBm		
M5		1	9.95391 GHz	-59.70 dBm		

right:

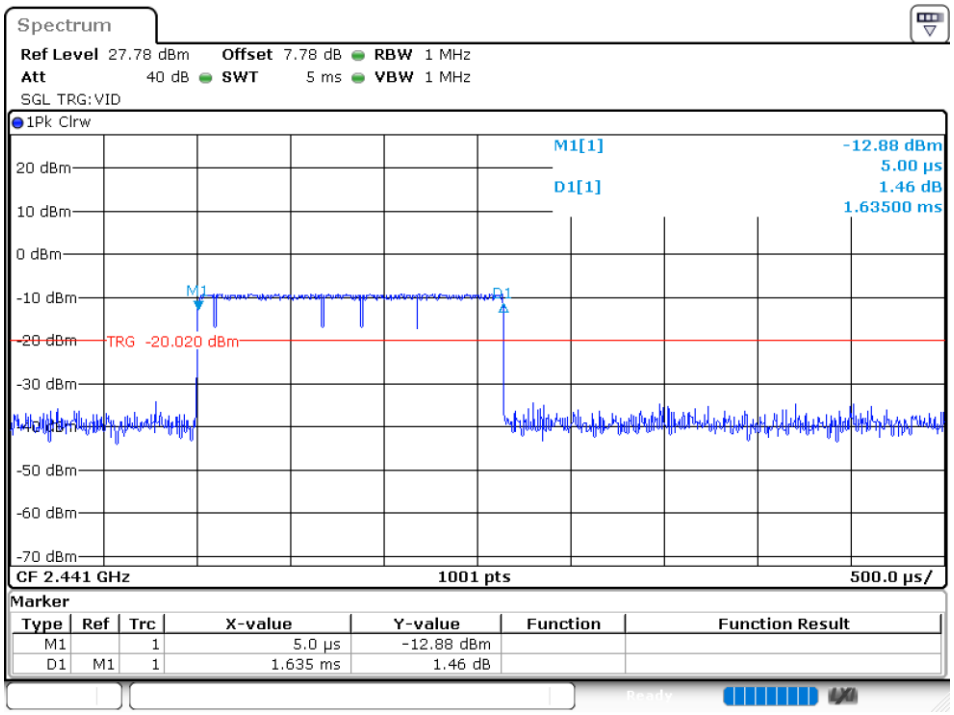
8.1.2 Dwell Time

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	0.38	121.6	31600	400	Pass
NVNT	1-DH3	2441	1.635	261.6	31600	400	Pass
NVNT	1-DH5	2441	2.88	307.2	31600	400	Pass
NVNT	2-DH1	2441	0.39	124.8	31600	400	Pass
NVNT	2-DH3	2441	1.64	262.4	31600	400	Pass
NVNT	2-DH5	2441	2.872	306.347	31600	400	Pass

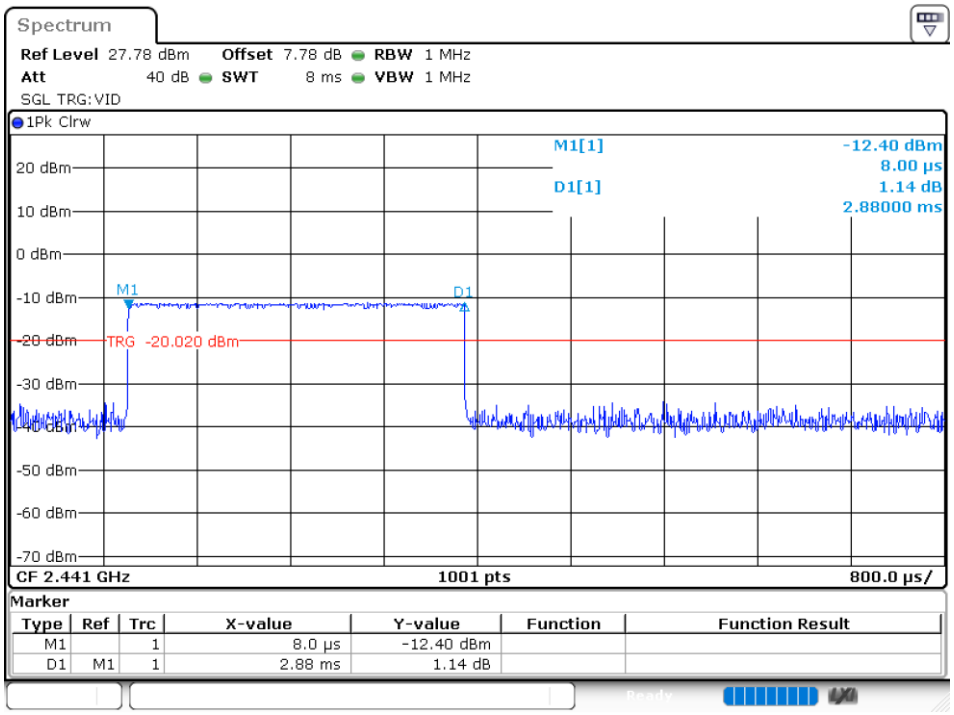
Dwell NVNT 1-DH1 2441MHz



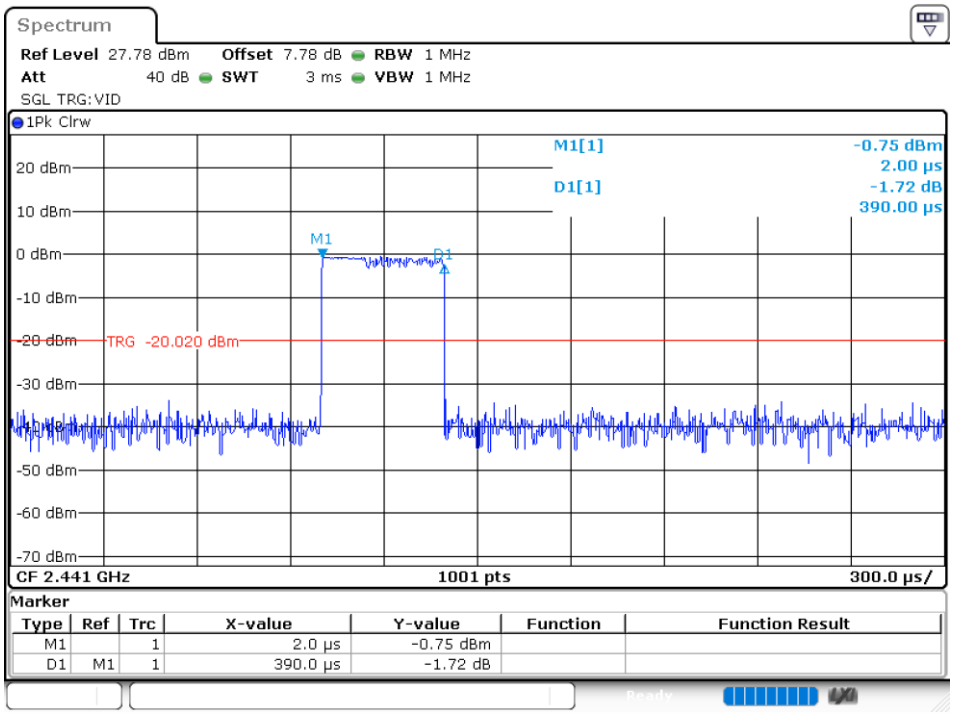
Dwell NVNT 1-DH3 2441MHz



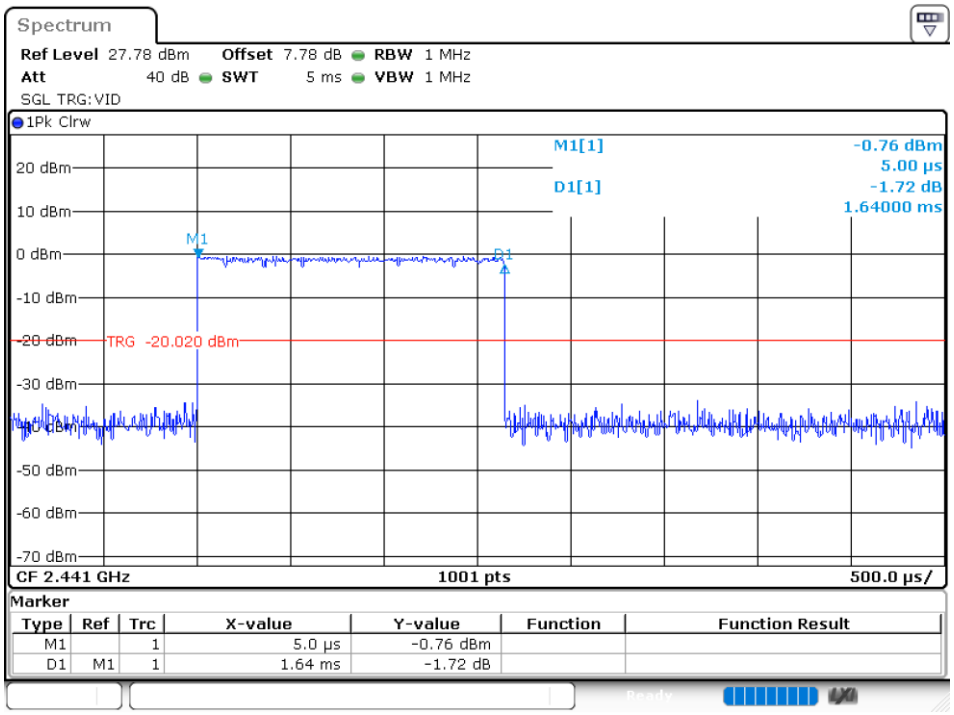
Dwell NVNT 1-DH5 2441MHz



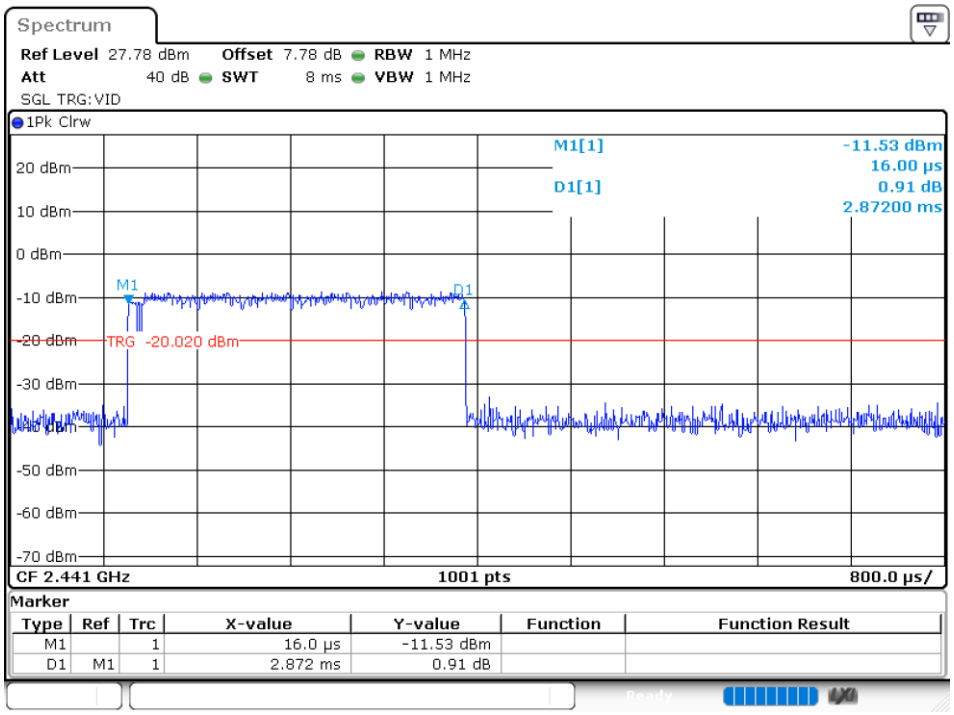
Dwell NVNT 2-DH1 2441MHz



Dwell NVNT 2-DH3 2441MHz



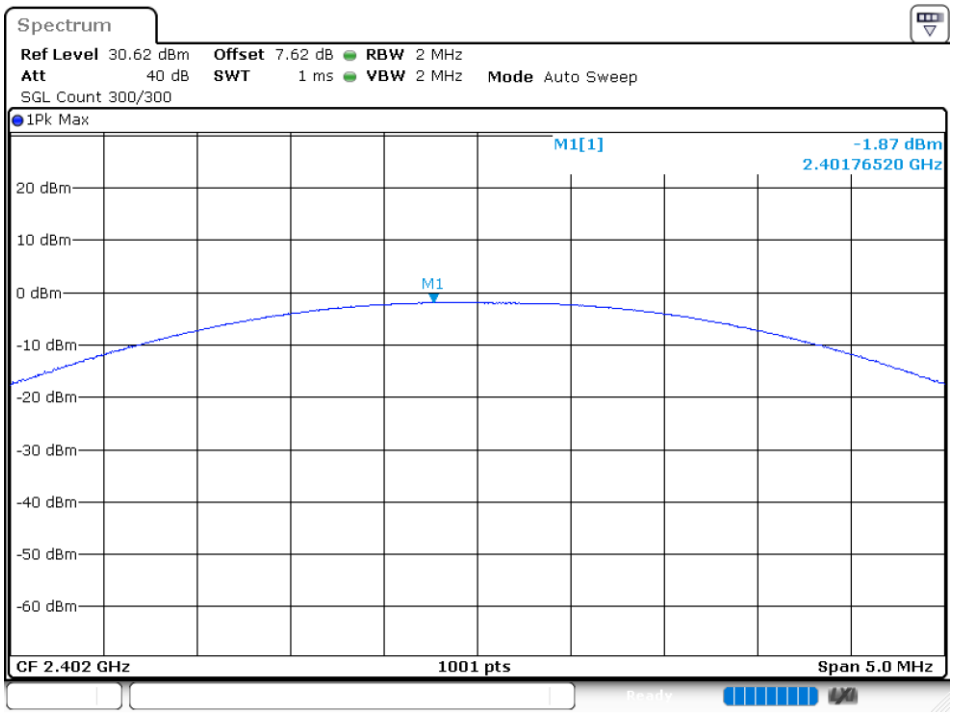
Dwell NVNT 2-DH5 2441MHz



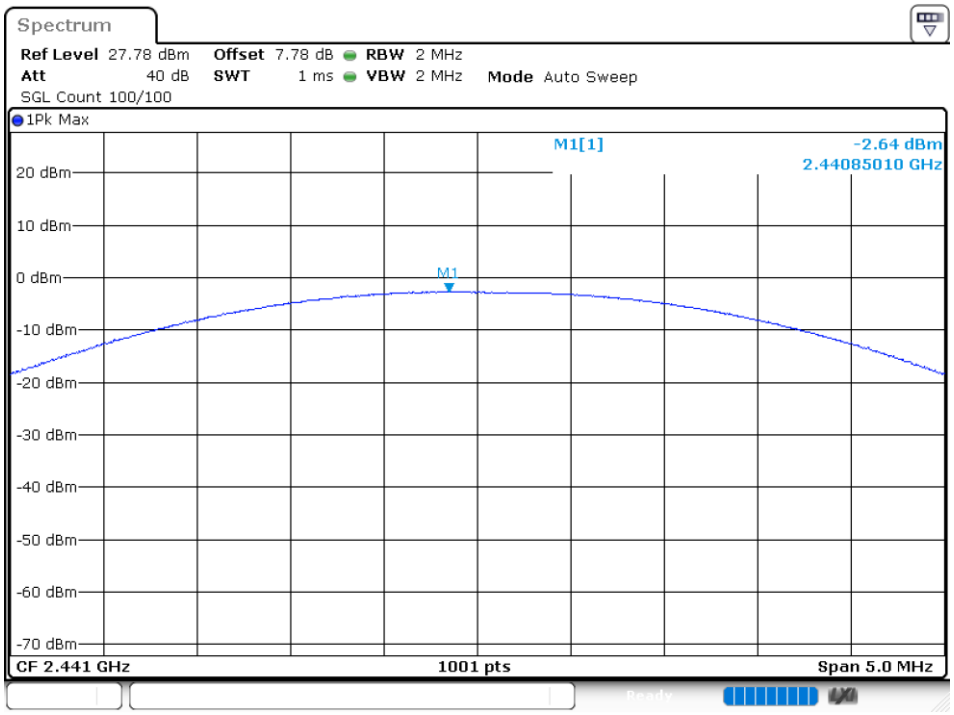
8.1.3 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant 1	-1.873	30	Pass
NVNT	1-DH5	2441	Ant 1	-2.641	30	Pass
NVNT	1-DH5	2480	Ant 1	-2.794	30	Pass
NVNT	2-DH5	2402	Ant 1	-1.138	21	Pass
NVNT	2-DH5	2441	Ant 1	-1.959	21	Pass
NVNT	2-DH5	2480	Ant 1	-2.129	21	Pass

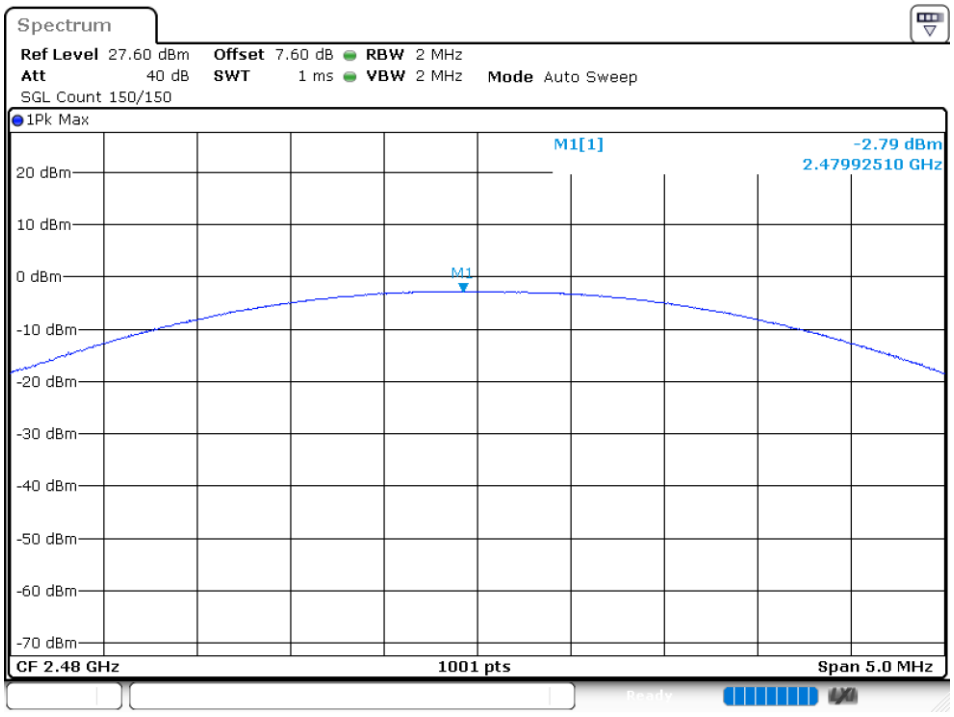
Power NVNT 1-DH5 2402MHz Ant1



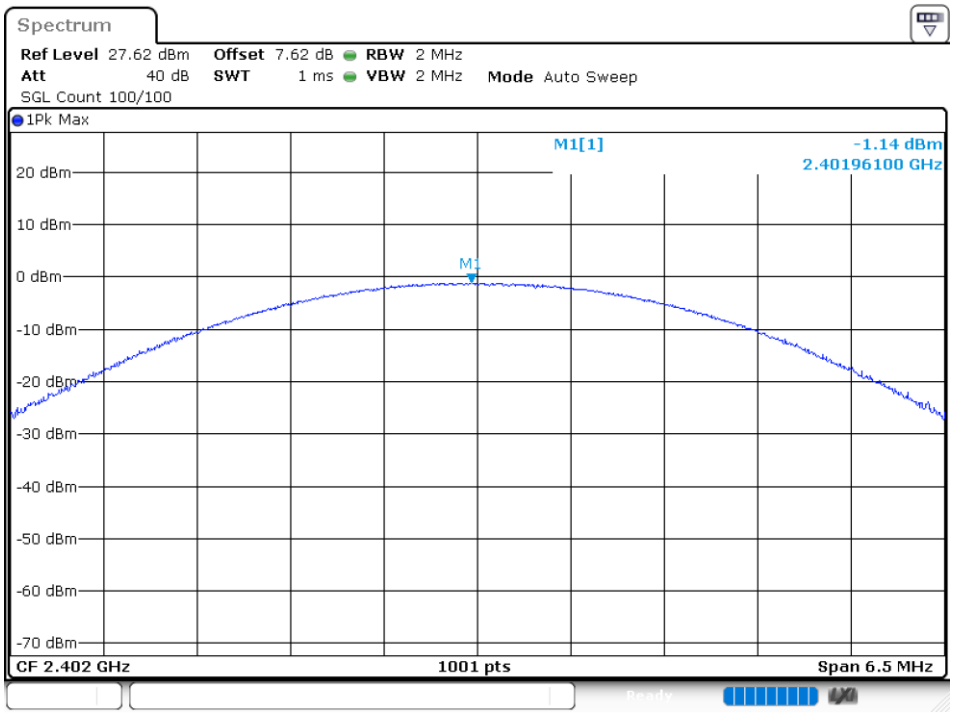
Power NVNT 1-DH5 2441MHz Ant1



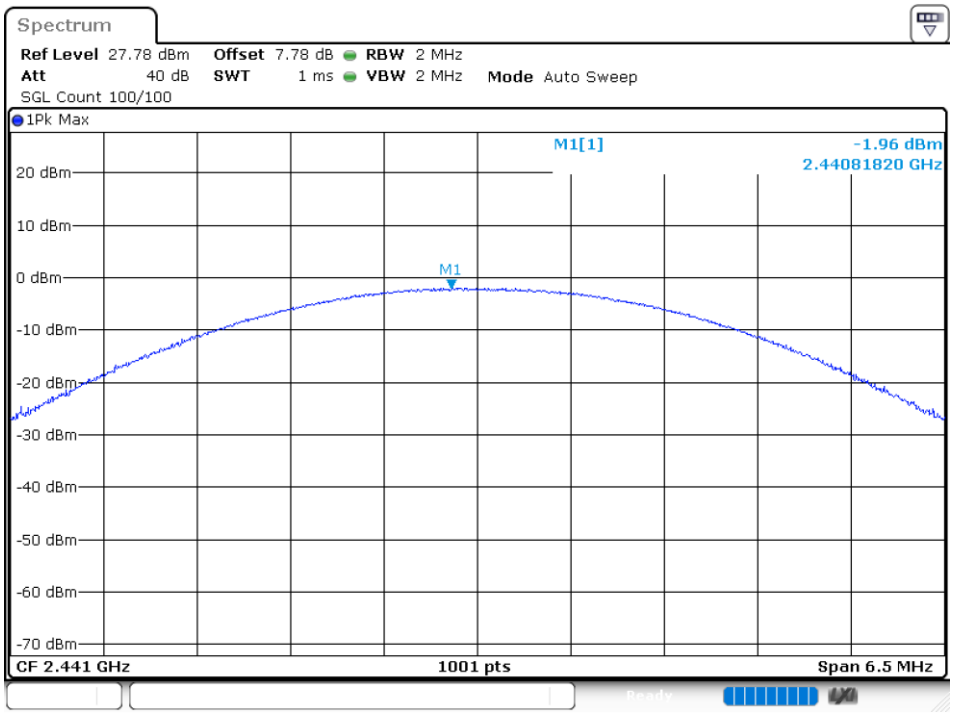
Power NVNT 1-DH5 2480MHz Ant1



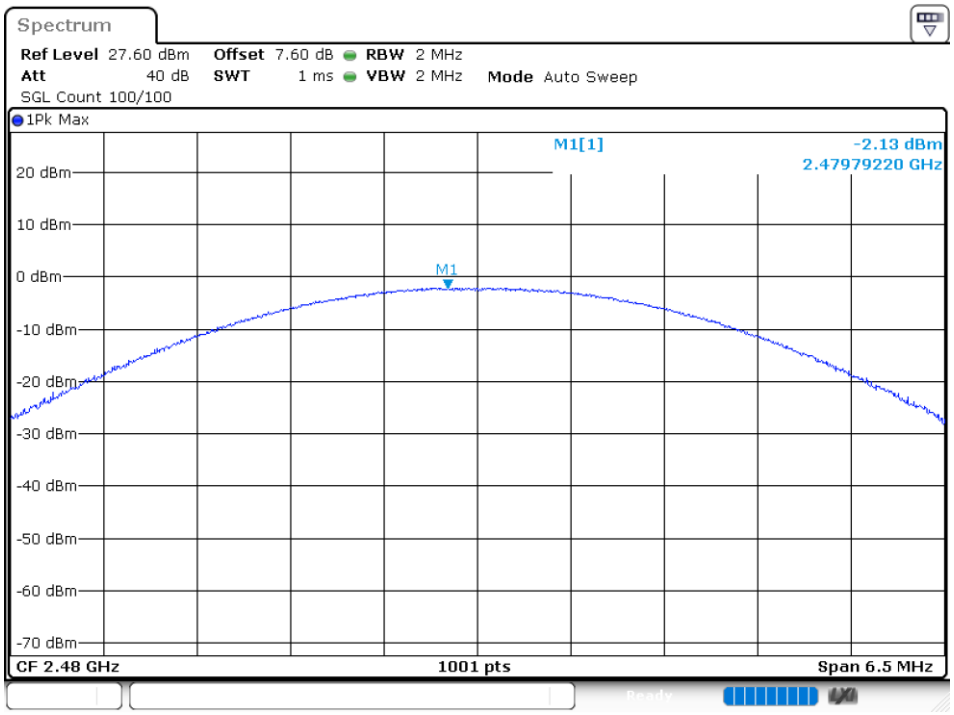
Power NVNT 2-DH5 2402MHz Ant1



Power NVNT 2-DH5 2441MHz Ant1



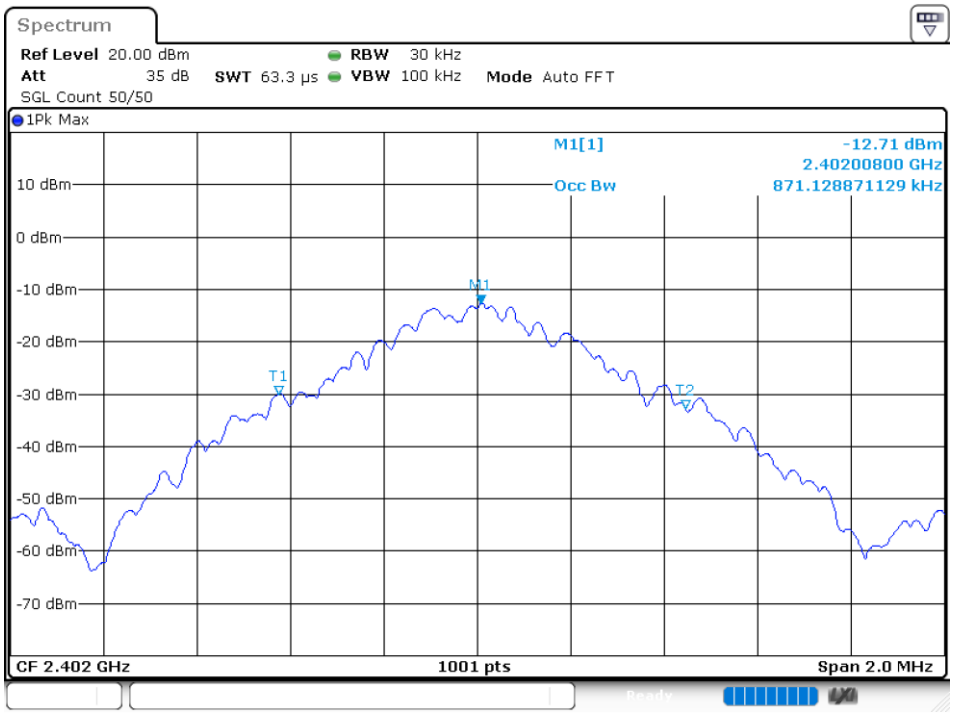
Power NVNT 2-DH5 2480MHz Ant1



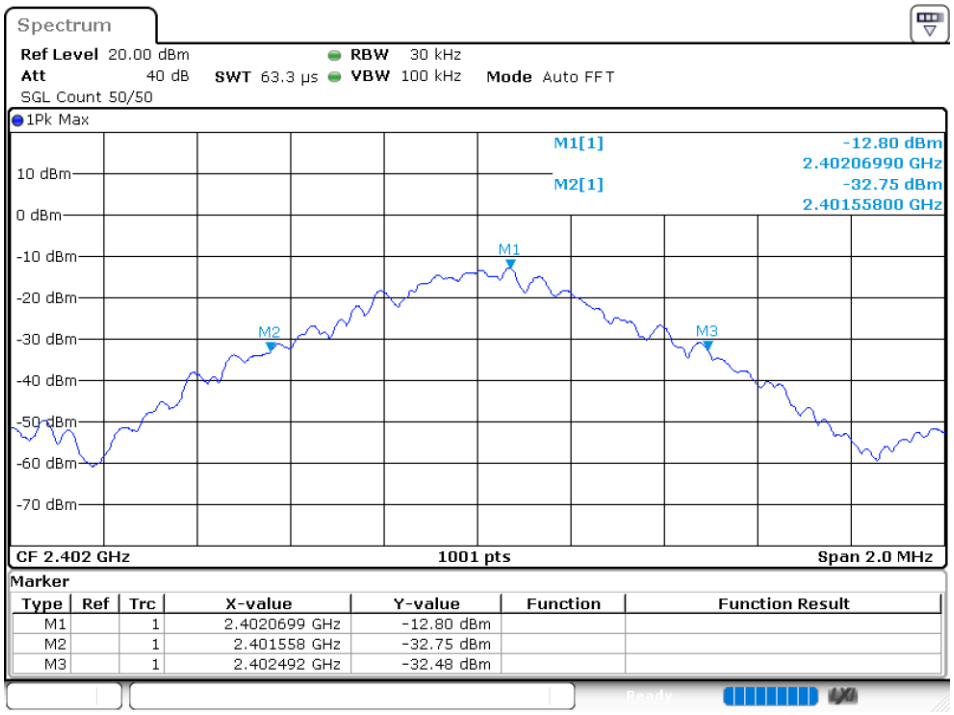
8.1.4 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant 1	0.934	Pass
NVNT	1-DH5	2441	Ant 1	0.946	Pass
NVNT	1-DH5	2480	Ant 1	0.922	Pass
NVNT	2-DH5	2402	Ant 1	1.28	Pass
NVNT	2-DH5	2441	Ant 1	1.28	Pass
NVNT	2-DH5	2480	Ant 1	1.28	Pass

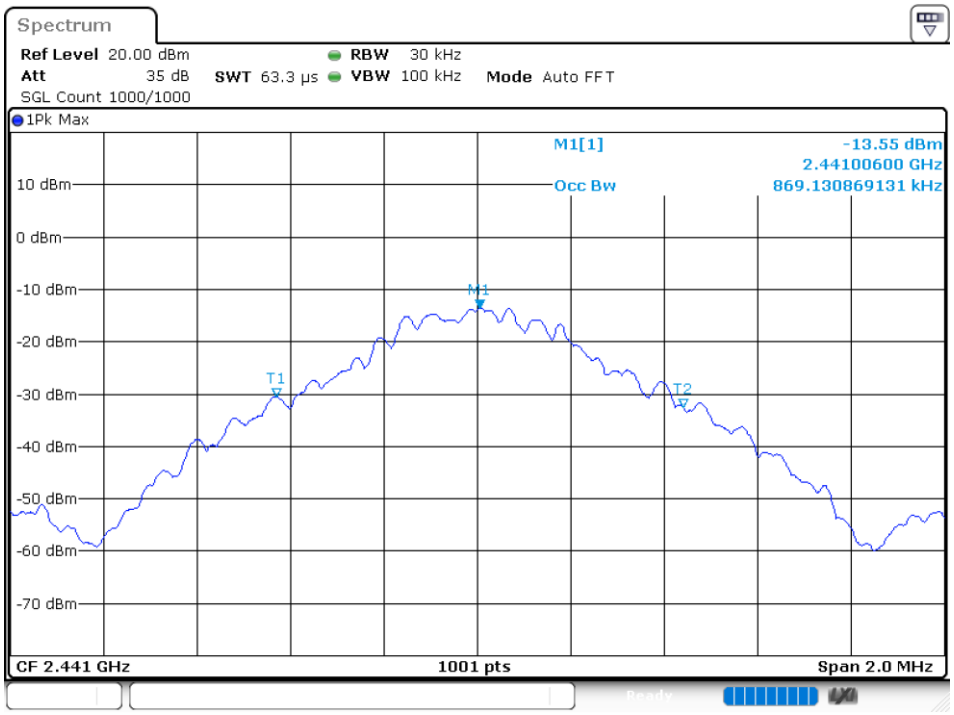
OBW NVNT 1-DH5 2402MHz Ant1



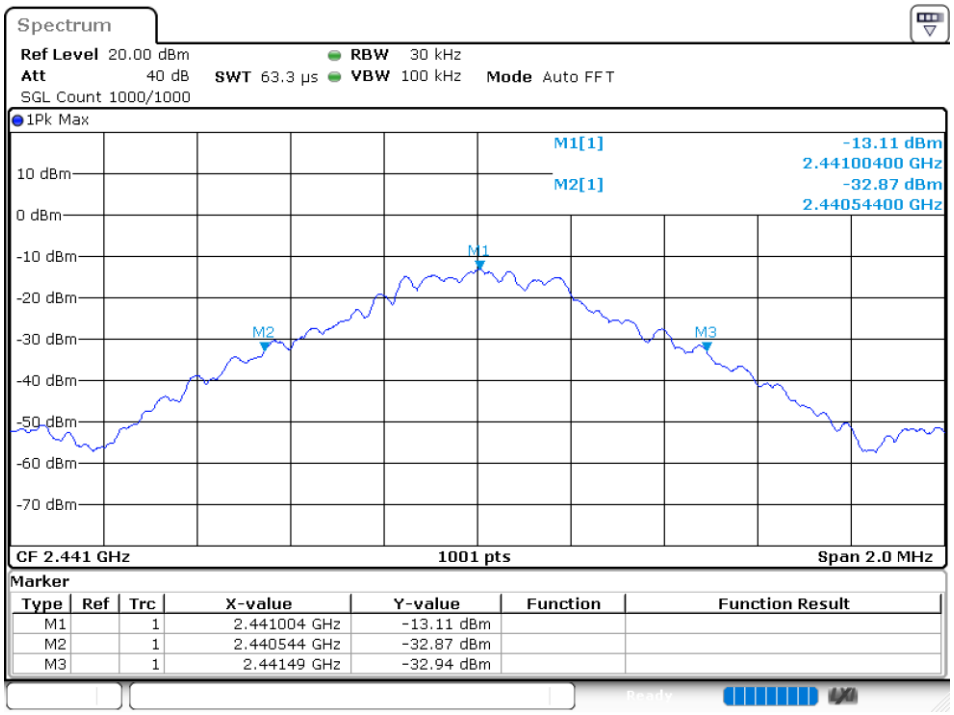
-20 dB BW NVNT 1-DH5 2402MHz Ant1



OBW NVNT 1-DH5 2441MHz Ant1



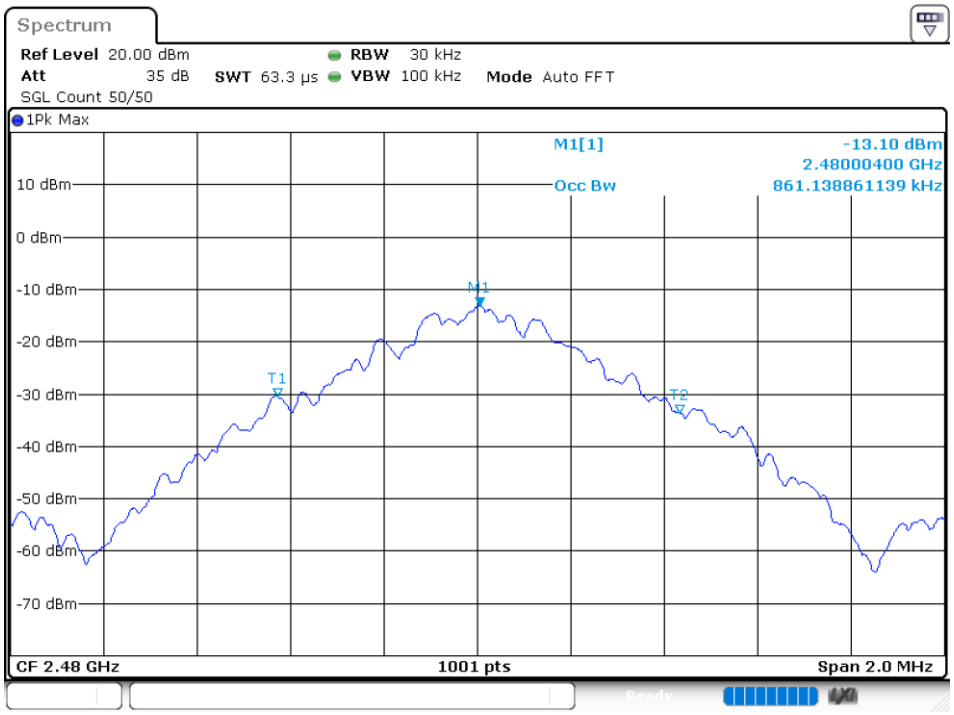
-20 dB BW NVNT 1-DH5 2441MHz Ant1



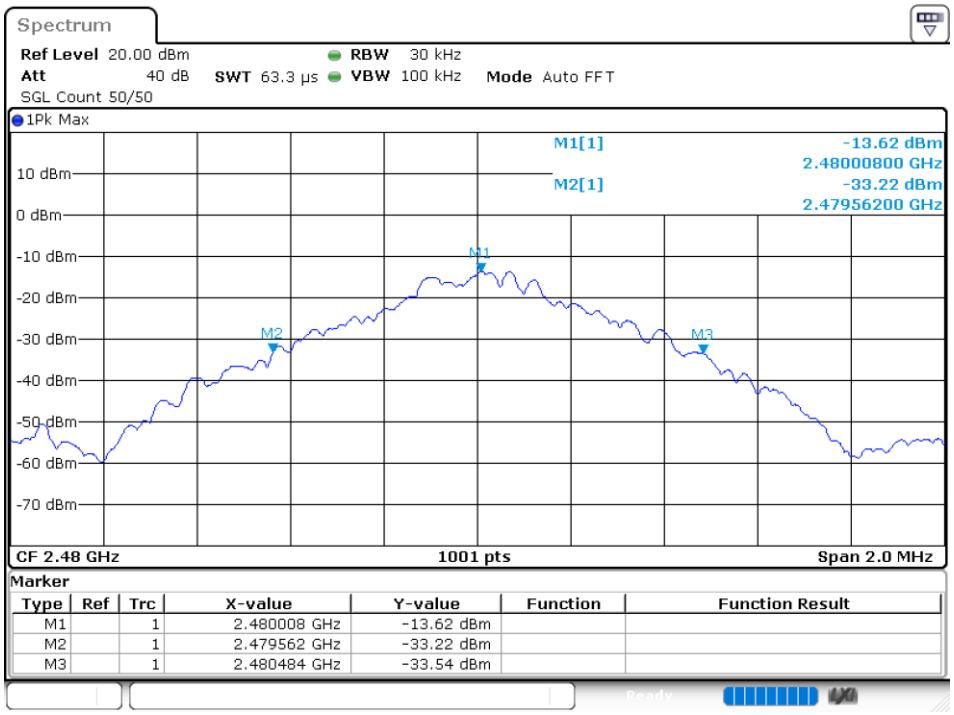
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.441004 GHz	-13.11 dBm		
M2		1	2.440544 GHz	-32.87 dBm		
M3		1	2.44149 GHz	-32.94 dBm		

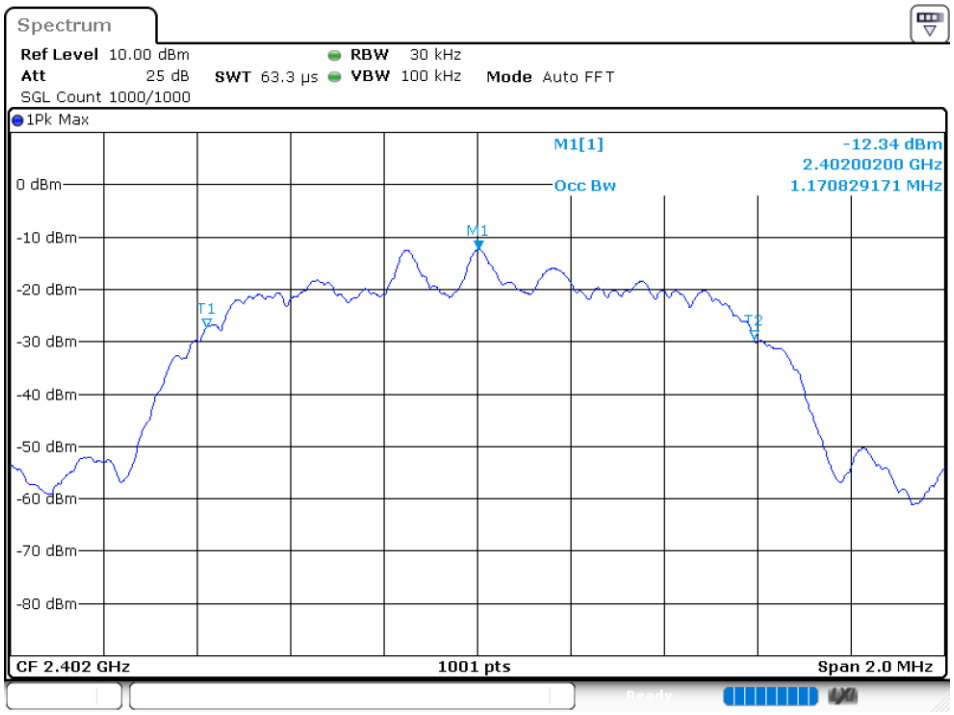
OBW NVNT 1-DH5 2480MHz Ant1



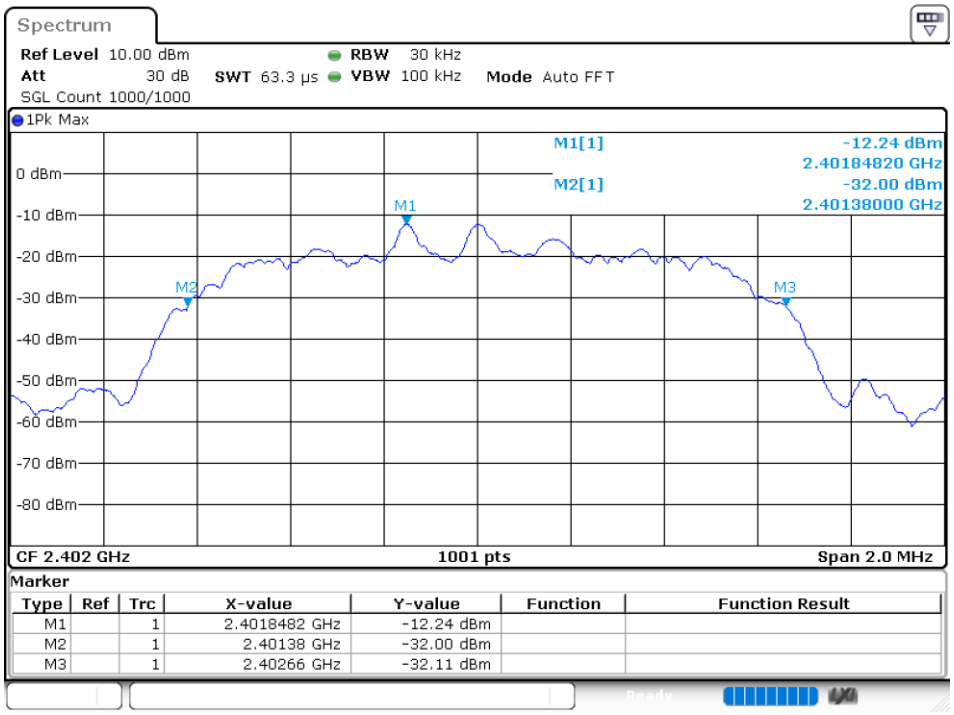
-20 dB BW NVNT 1-DH5 2480MHz Ant1



OBW NVNT 2-DH5 2402MHz Ant1



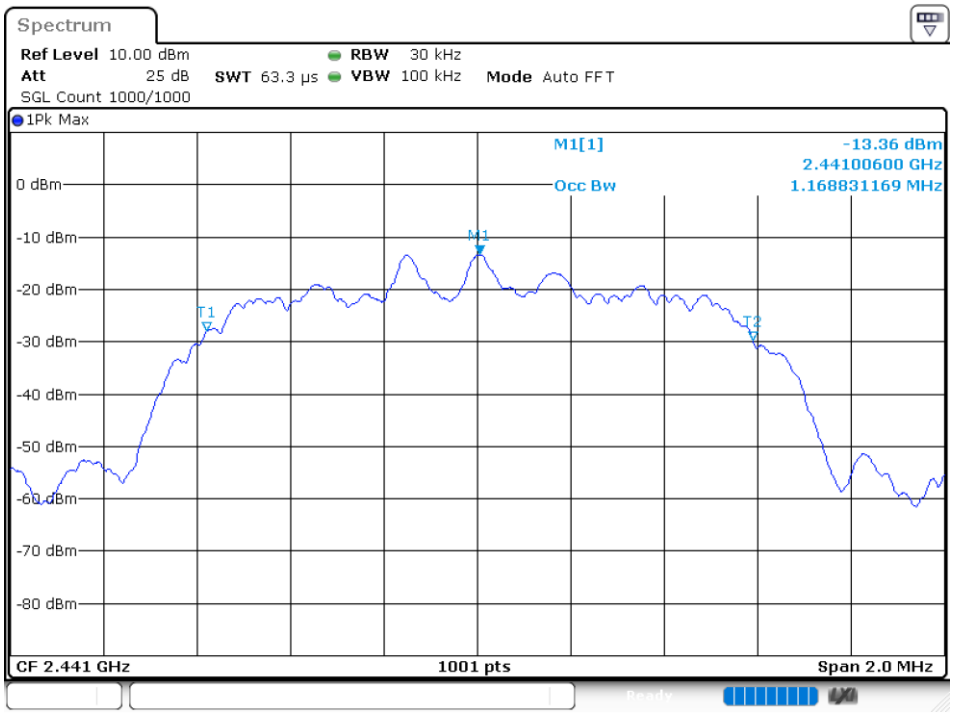
-20 dB BW NVNT 2-DH5 2402MHz Ant1



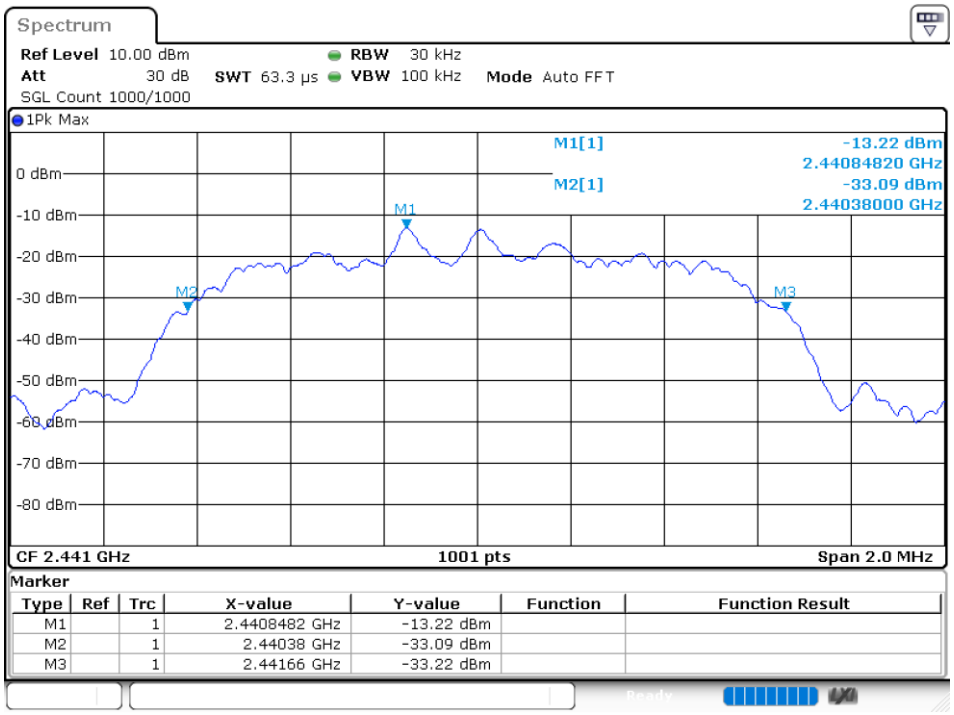
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4018482 GHz	-12.24 dBm		
M2		1	2.40138 GHz	-32.00 dBm		
M3		1	2.40266 GHz	-32.11 dBm		

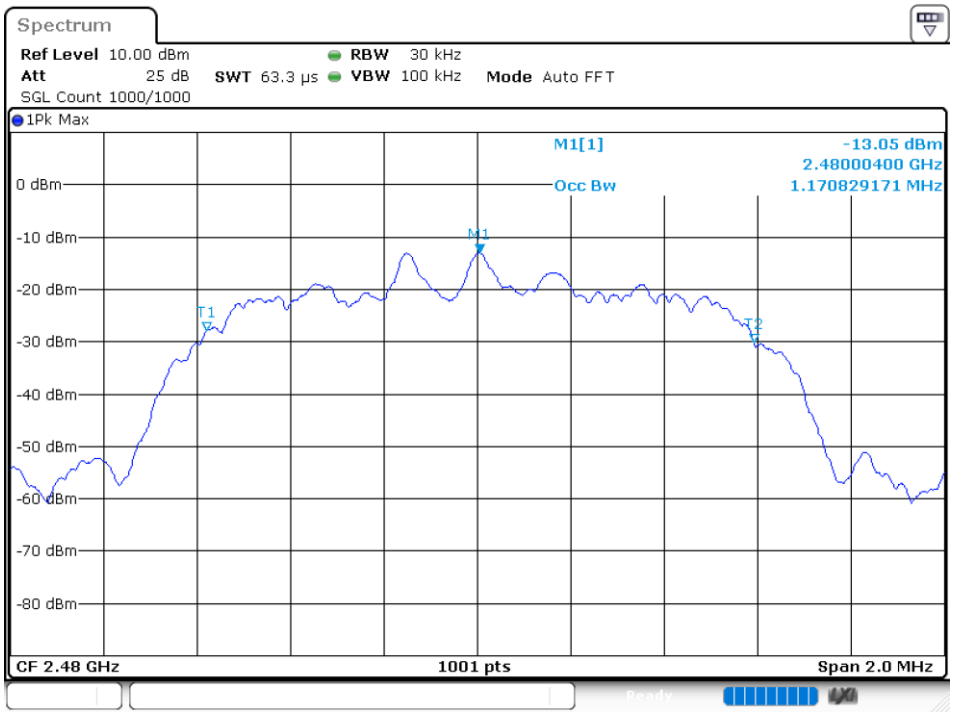
OBW NVNT 2-DH5 2441MHz Ant1



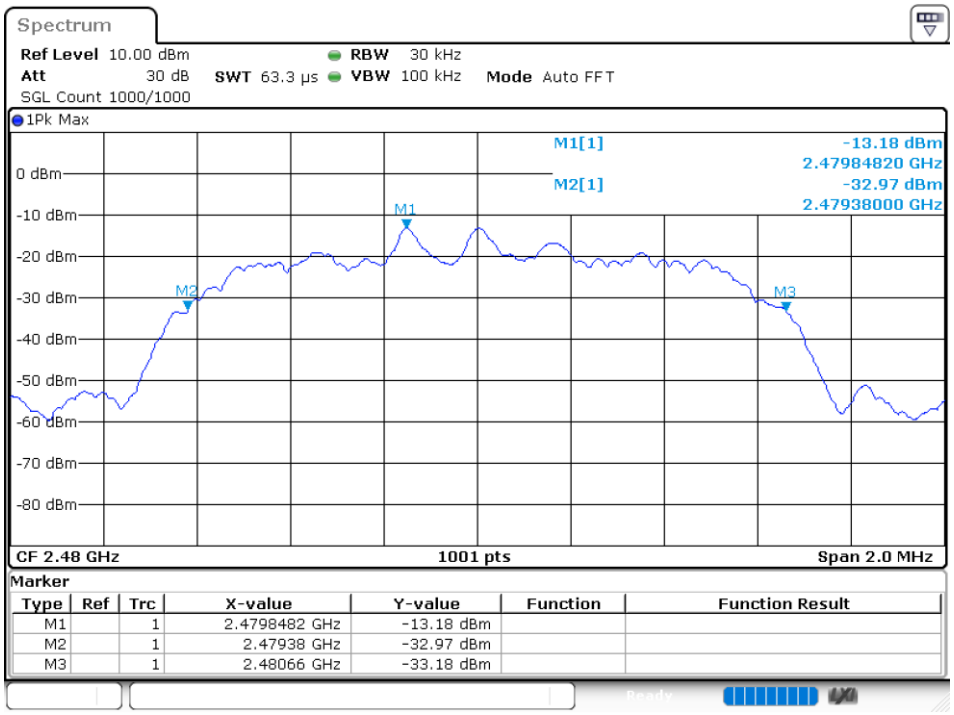
-20 dB BW NVNT 2-DH5 2441MHz Ant1



OBW NVNT 2-DH5 2480MHz Ant1



-20 dB BW NVNT 2-DH5 2480MHz Ant1



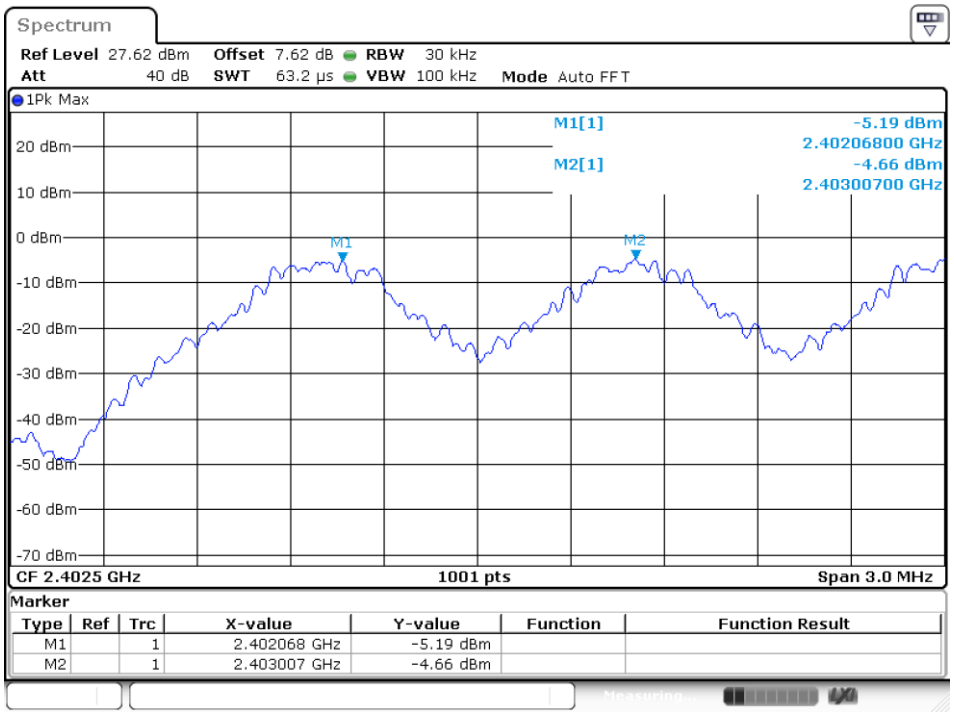
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4798482 GHz	-13.18 dBm		
M2		1	2.47938 GHz	-32.97 dBm		
M3		1	2.48066 GHz	-33.18 dBm		

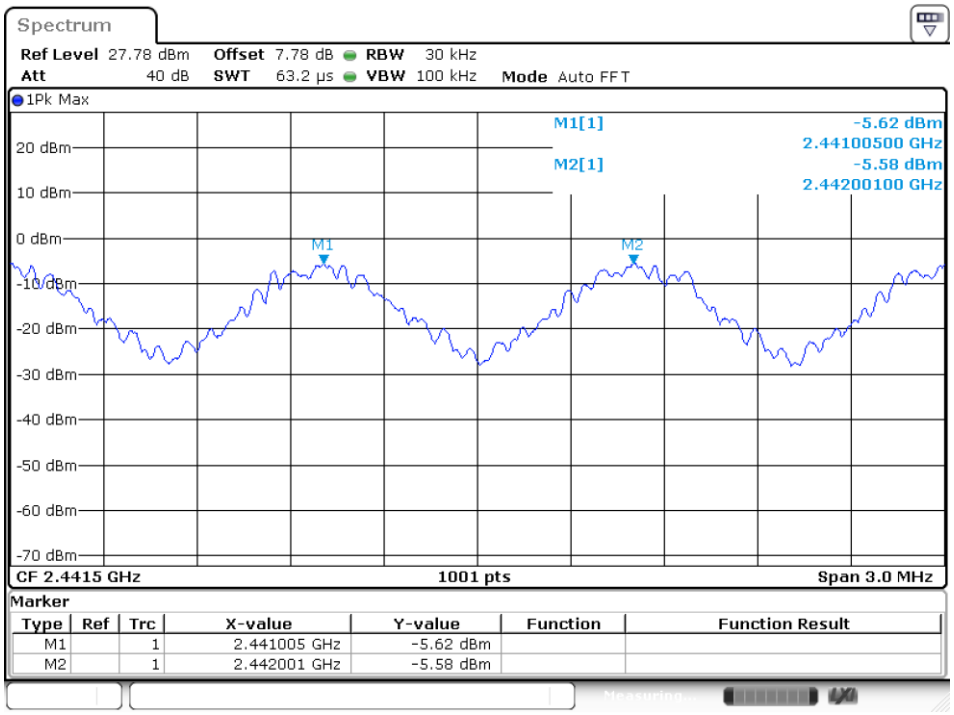
8.1.5 Carrier Frequencies Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402.068	2403.007	0.939	0.934	Pass
NVNT	1-DH5	2441.005	2442.001	0.996	0.946	Pass
NVNT	1-DH5	2479.065	2480.004	0.939	0.922	Pass
NVNT	2-DH5	2401.846	2403.01	1.164	0.853	Pass
NVNT	2-DH5	2441.002	2442.004	1.002	0.853	Pass
NVNT	2-DH5	2479.002	2480.004	1.002	0.853	Pass

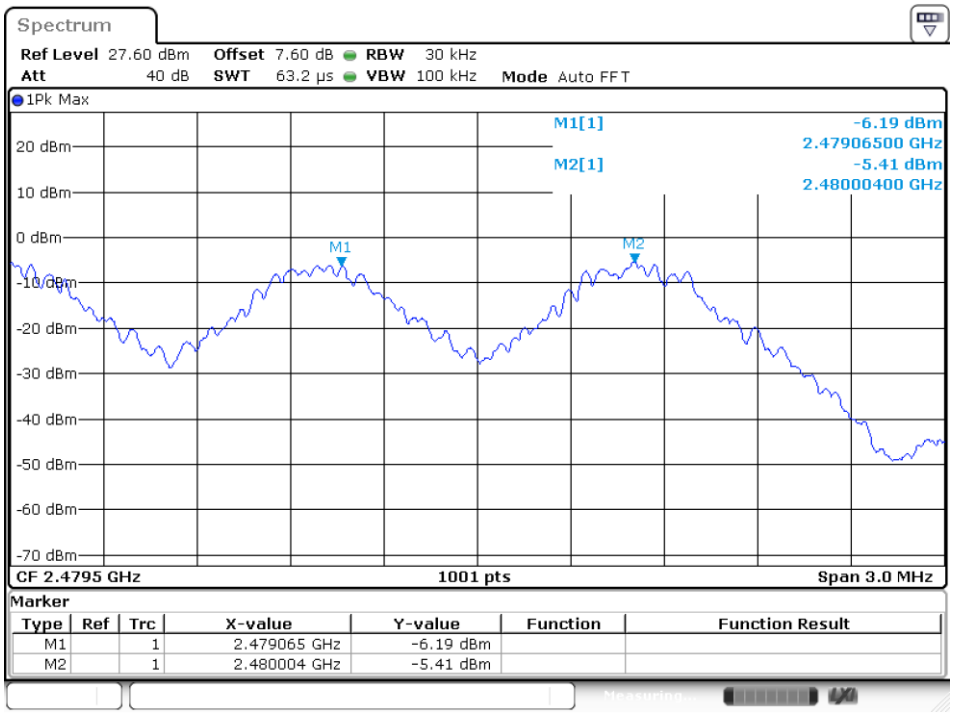
CFS NVNT 1-DH5 2402MHz



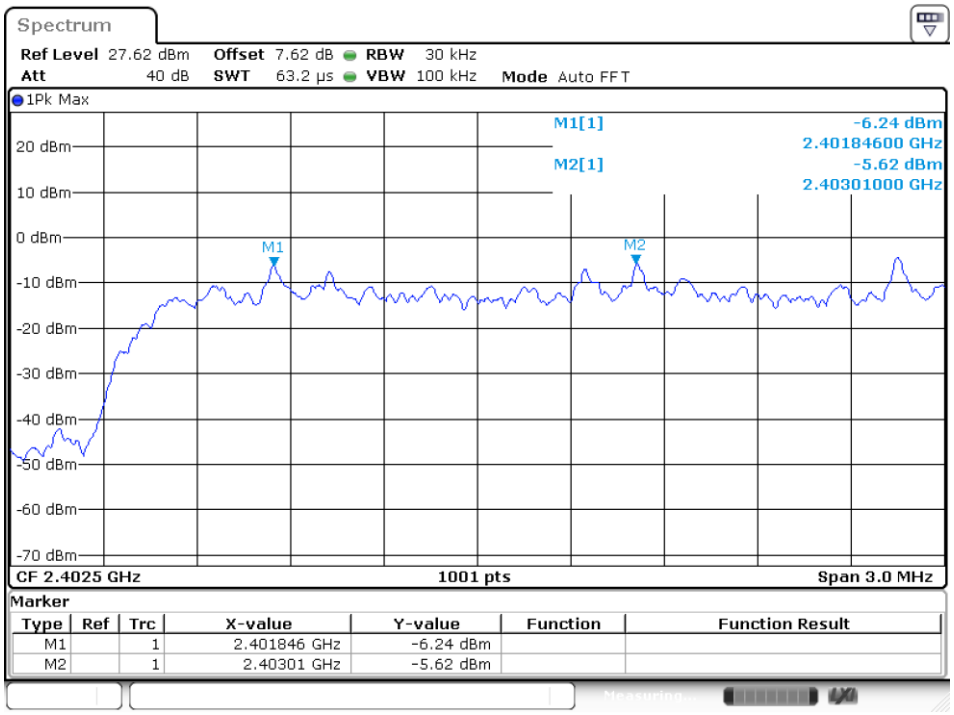
CFS NVNT 1-DH5 2441MHz



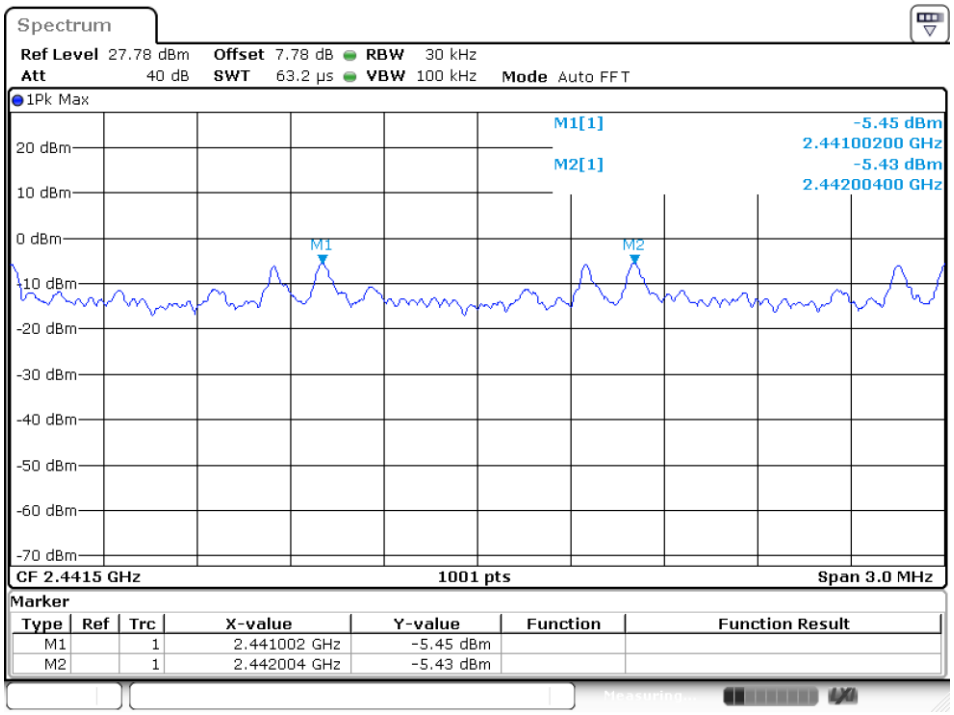
CFS NVNT 1-DH5 2480MHz



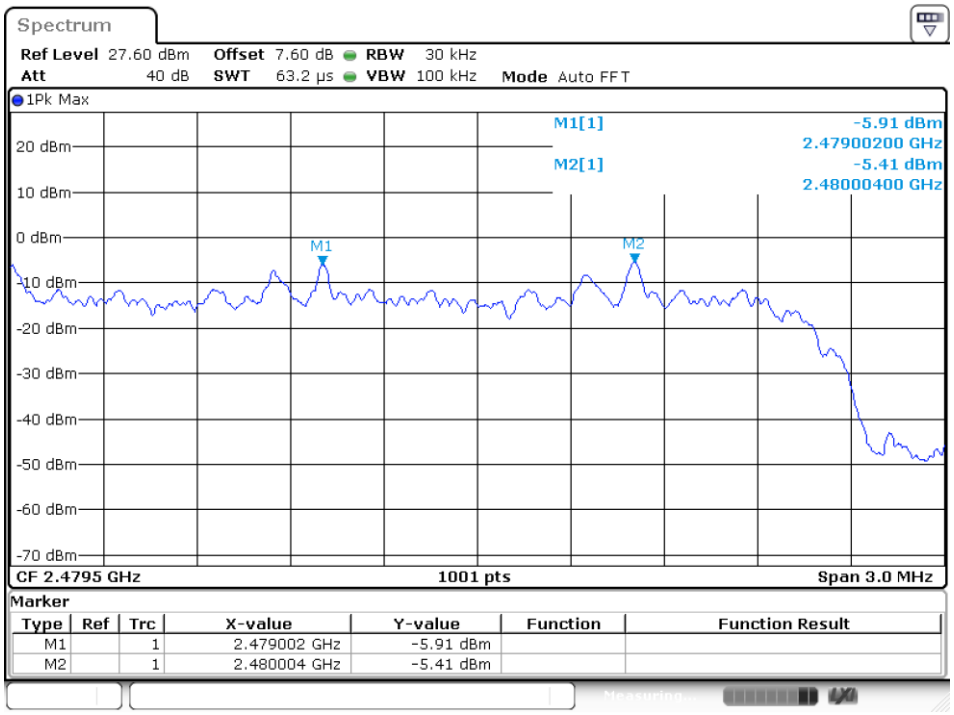
CFS NVNT 2-DH5 2402MHz



CFS NVNT 2-DH5 2441MHz



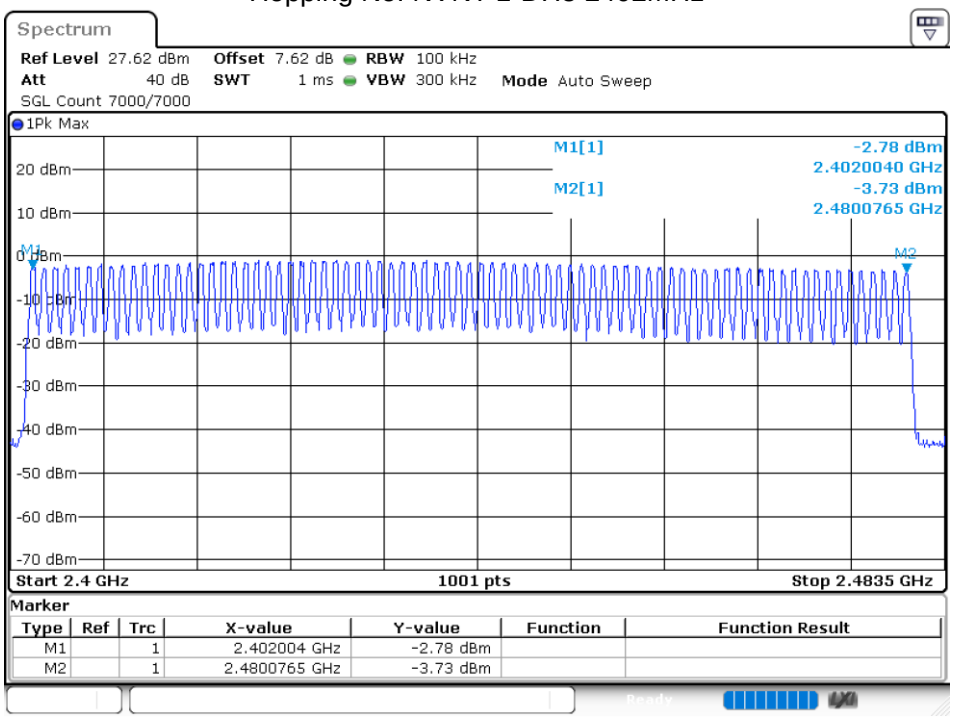
CFS NVNT 2-DH5 2480MHz



8.1.6 Number of Hopping Channel

Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH5	79	15	Pass

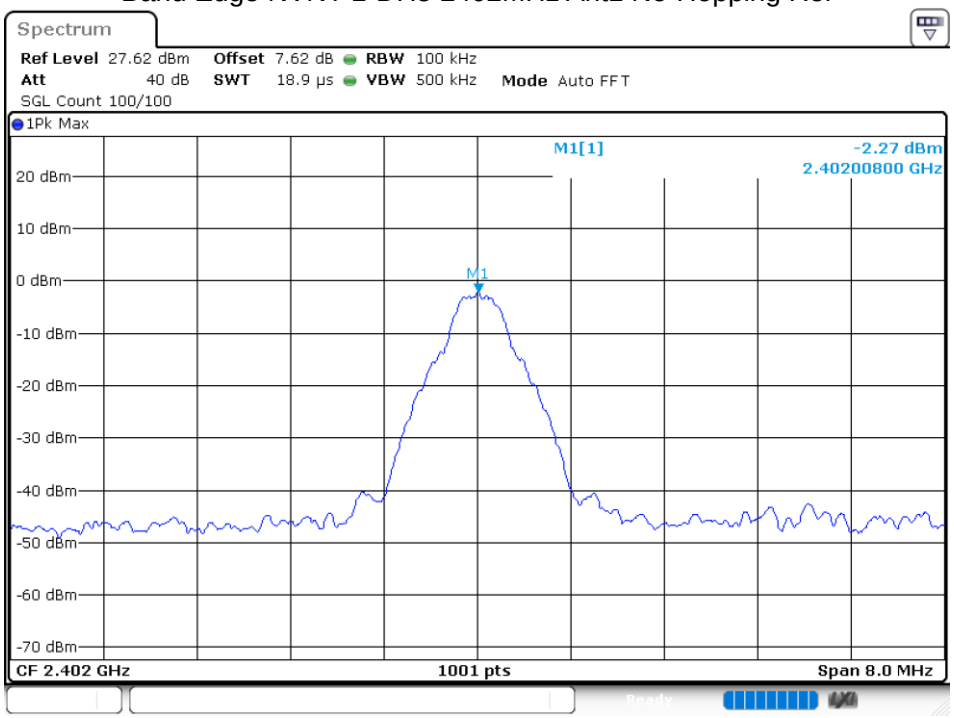
Hopping No. NVNT 1-DH5 2402MHz



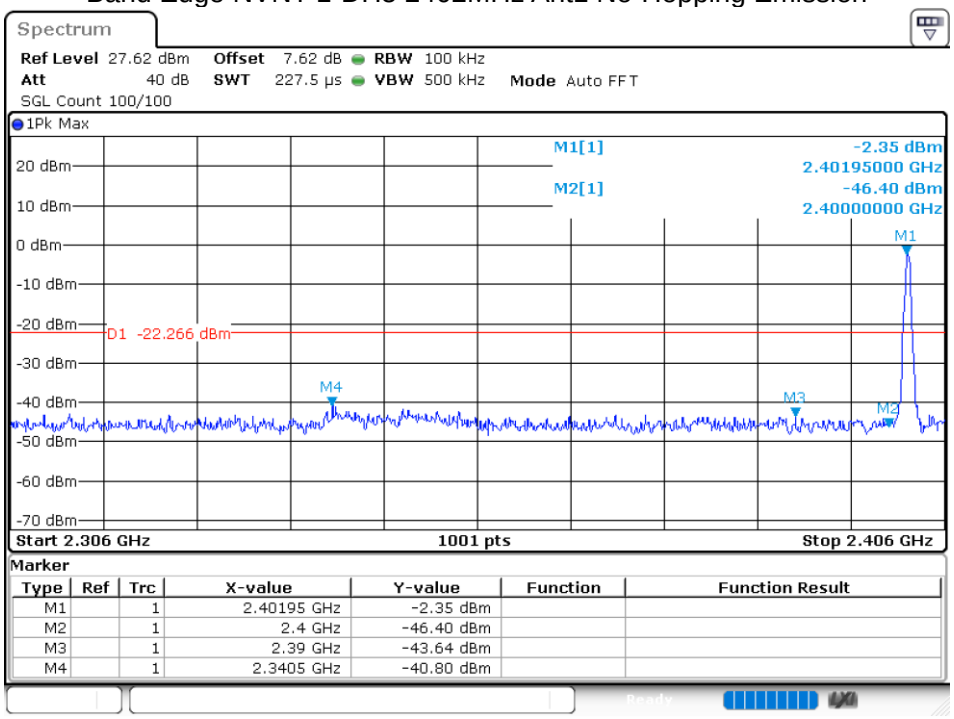
8.1.7 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	No-Hopping	-38.52	-20	Pass
NVNT	1-DH5	2402	Ant 1	Hopping	-37.59	-20	Pass
NVNT	1-DH5	2480	Ant 1	No-Hopping	-37.9	-20	Pass
NVNT	1-DH5	2480	Ant 1	Hopping	-38.58	-20	Pass
NVNT	2-DH5	2402	Ant 1	No-Hopping	-36.15	-20	Pass
NVNT	2-DH5	2402	Ant 1	Hopping	-37.82	-20	Pass
NVNT	2-DH5	2480	Ant 1	No-Hopping	-38.33	-20	Pass
NVNT	2-DH5	2480	Ant 1	Hopping	-39.17	-20	Pass

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



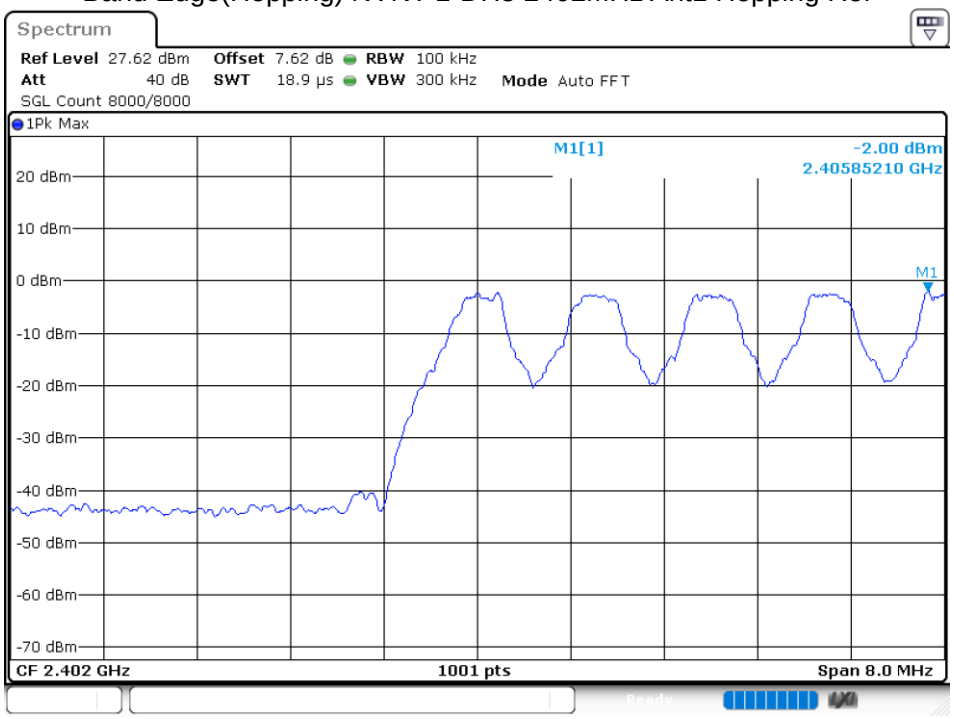
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



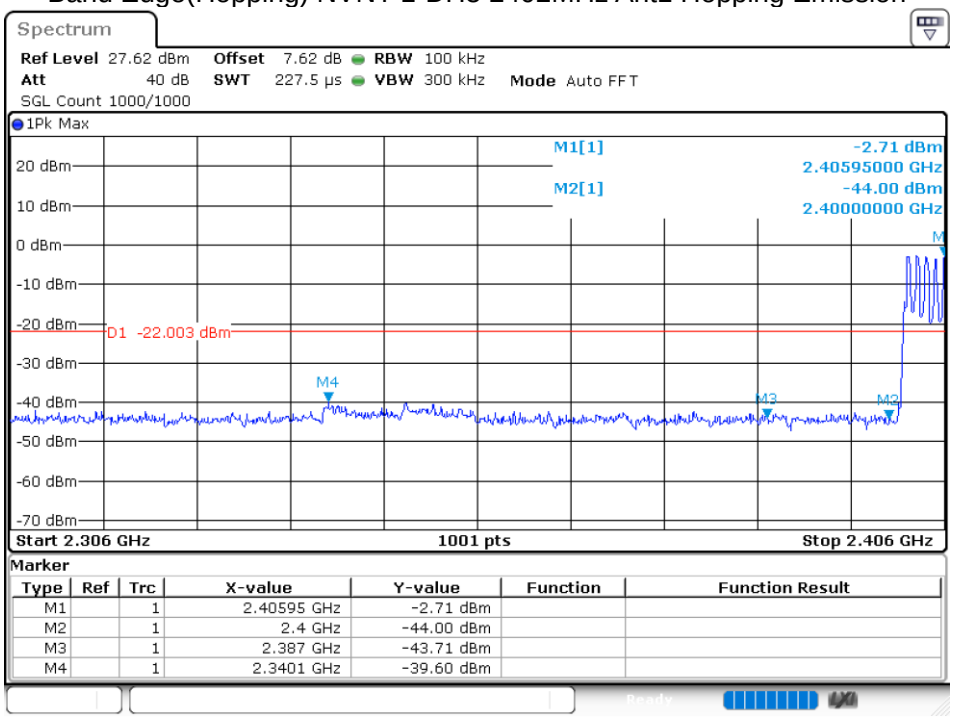
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40195 GHz	-2.35 dBm		
M2		1	2.4 GHz	-46.40 dBm		
M3		1	2.39 GHz	-43.64 dBm		
M4		1	2.3405 GHz	-40.80 dBm		

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



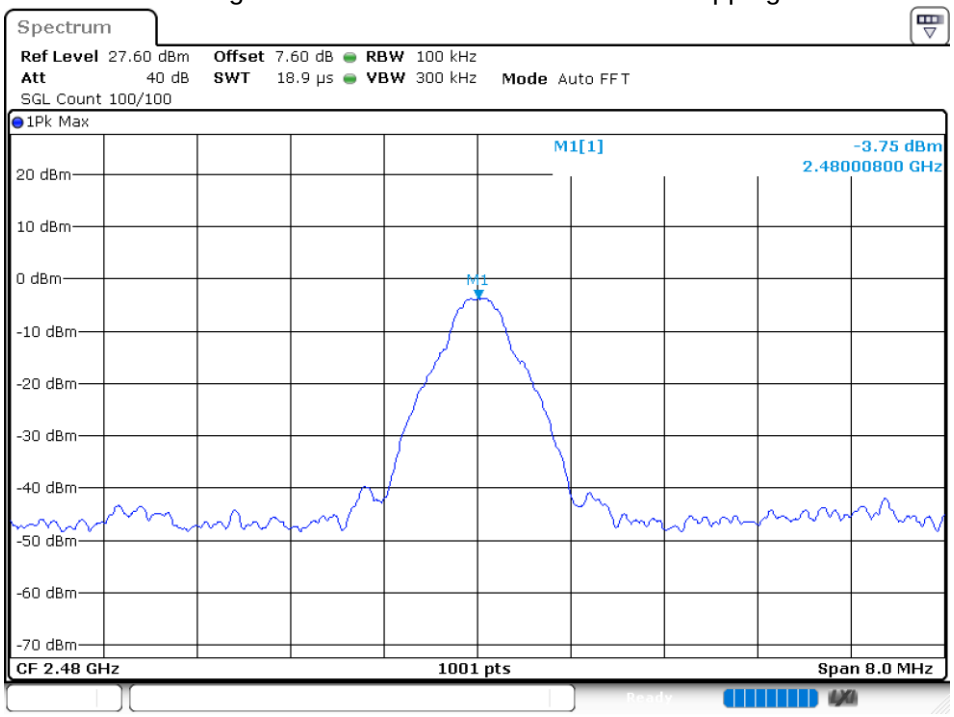
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



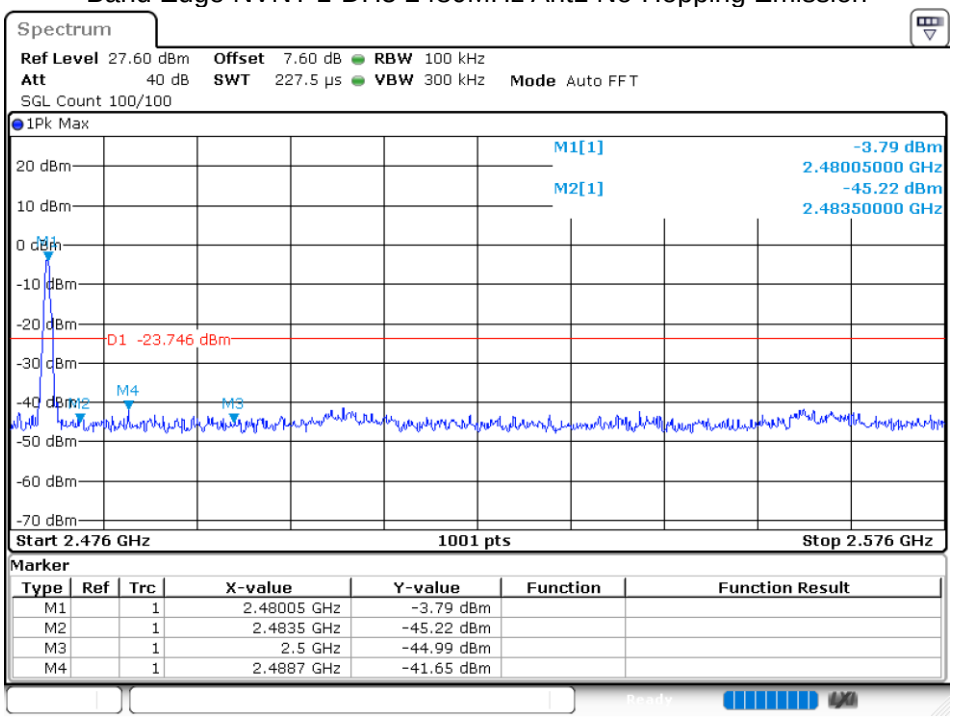
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40595 GHz	-2.71 dBm		
M2		1	2.4 GHz	-44.00 dBm		
M3		1	2.387 GHz	-43.71 dBm		
M4		1	2.3401 GHz	-39.60 dBm		

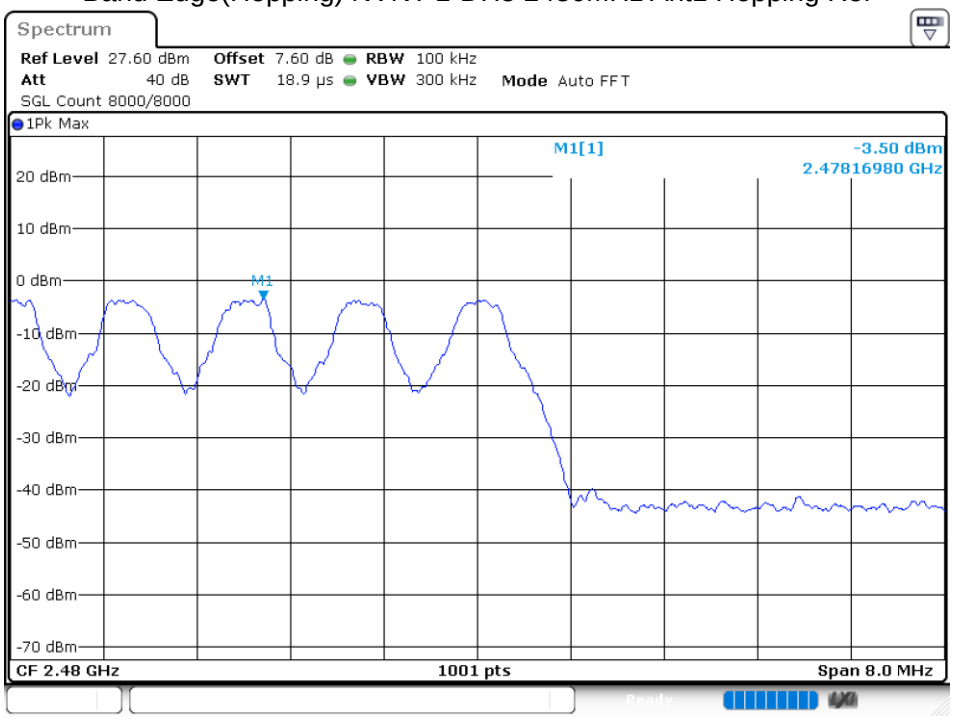
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



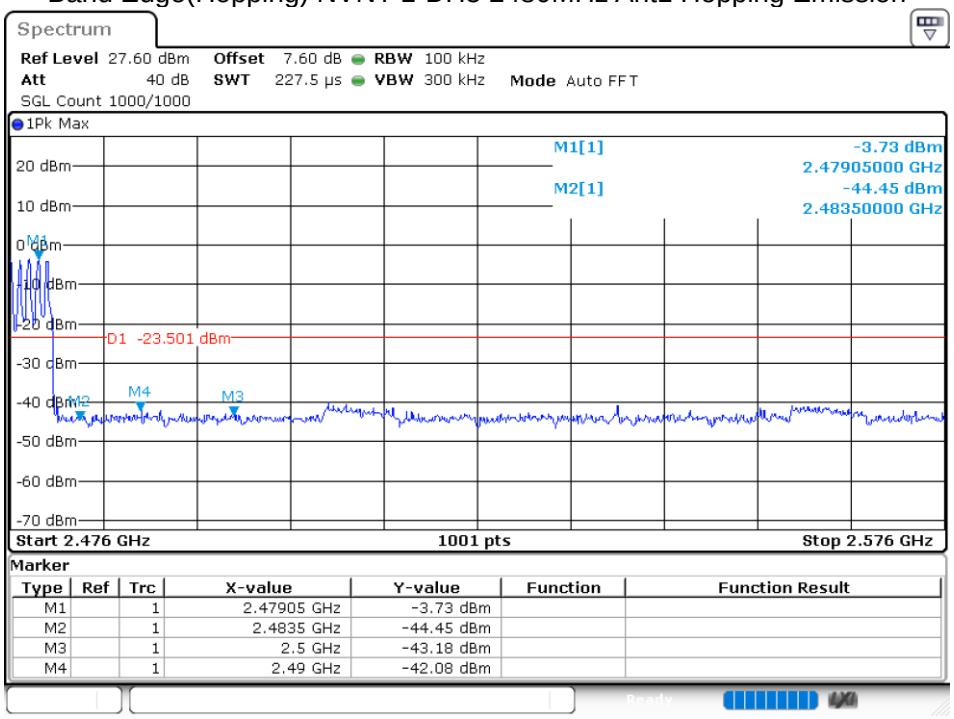
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



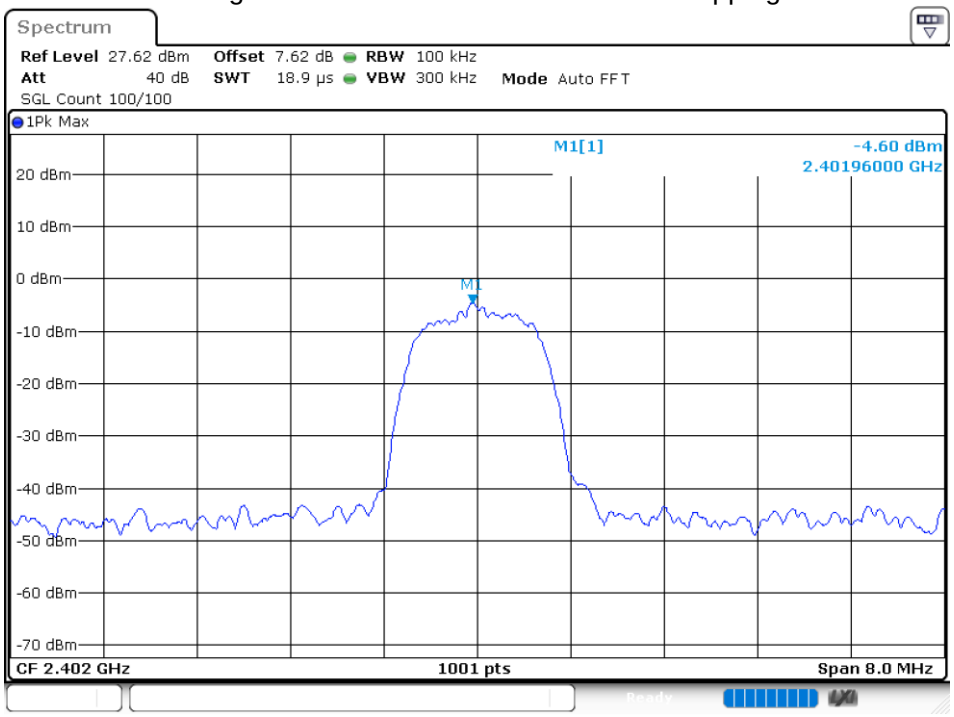
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



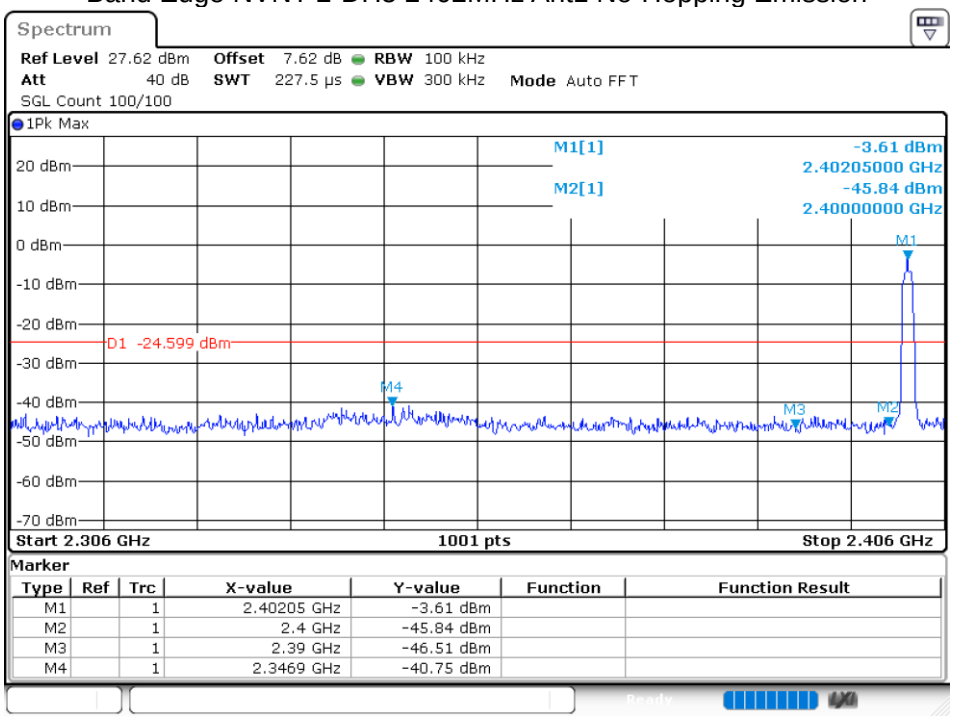
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



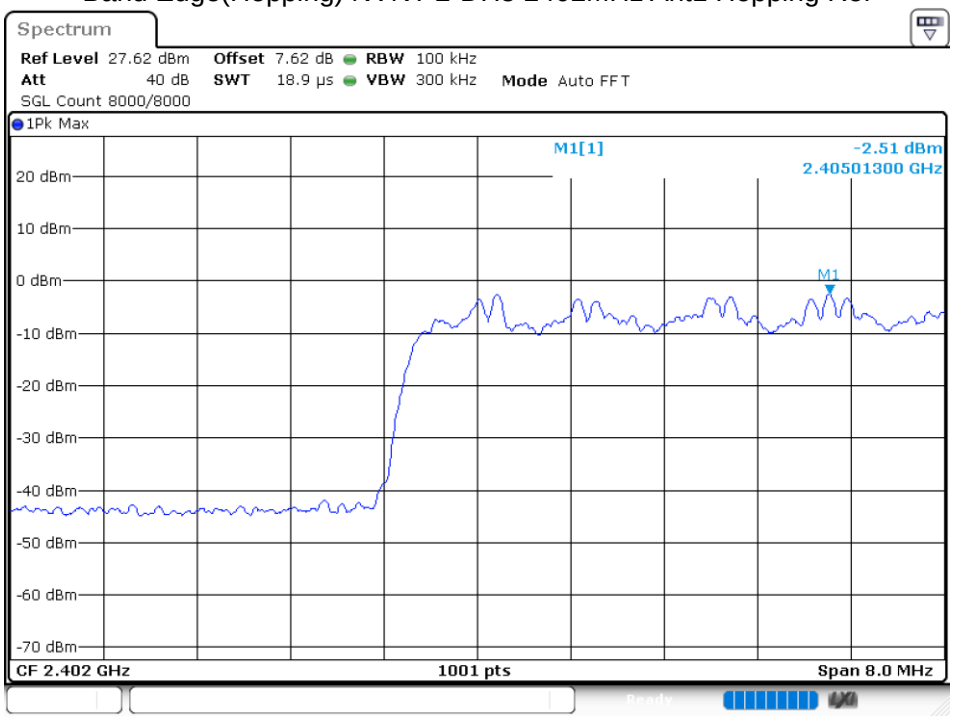
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



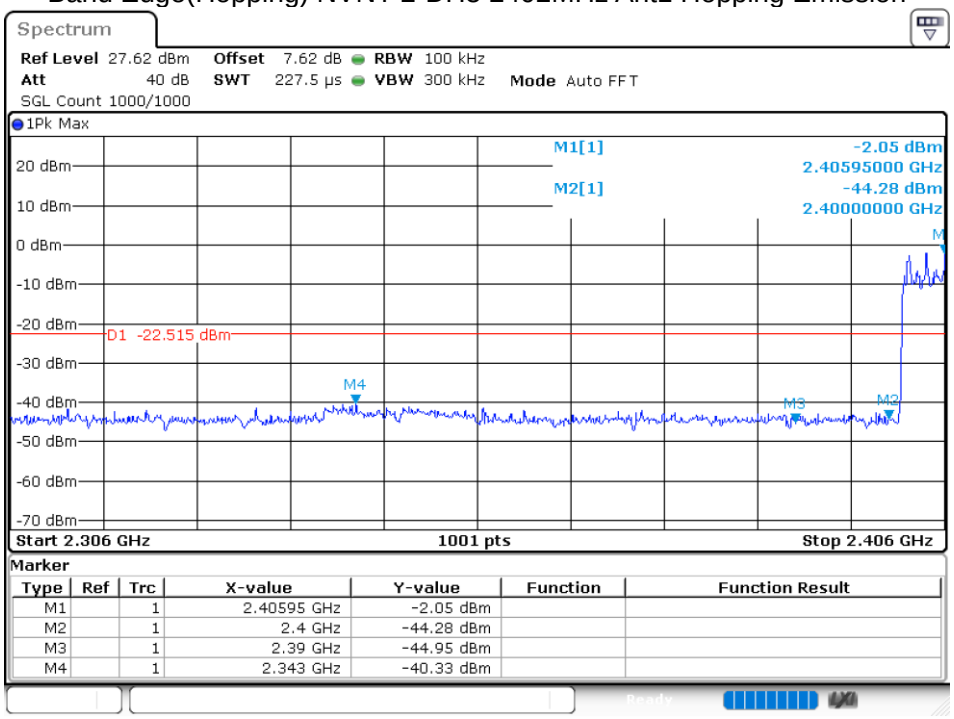
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



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



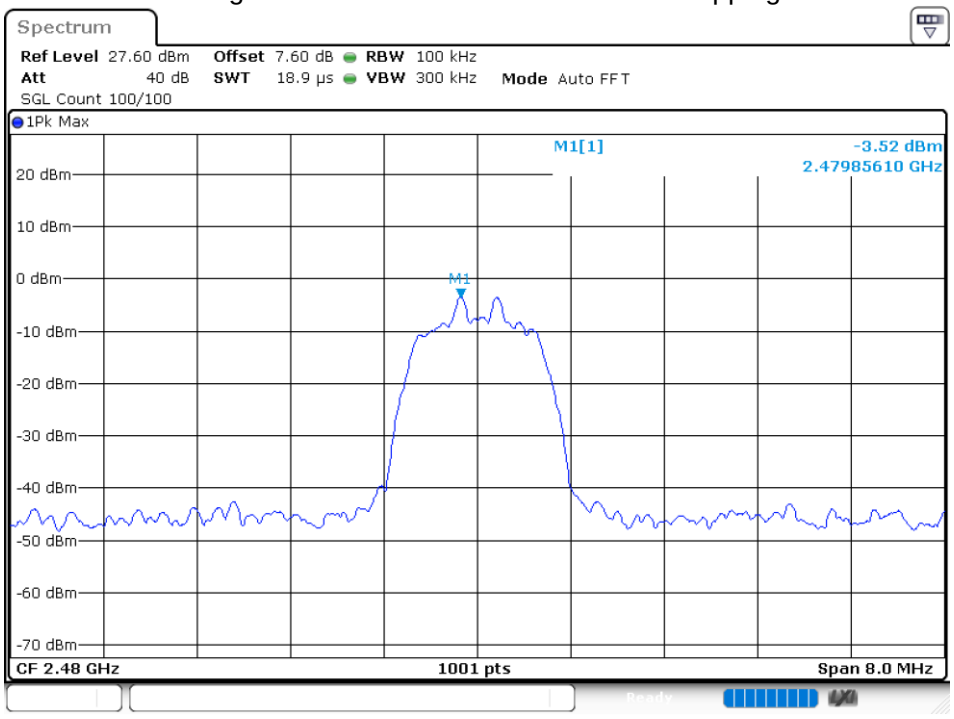
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



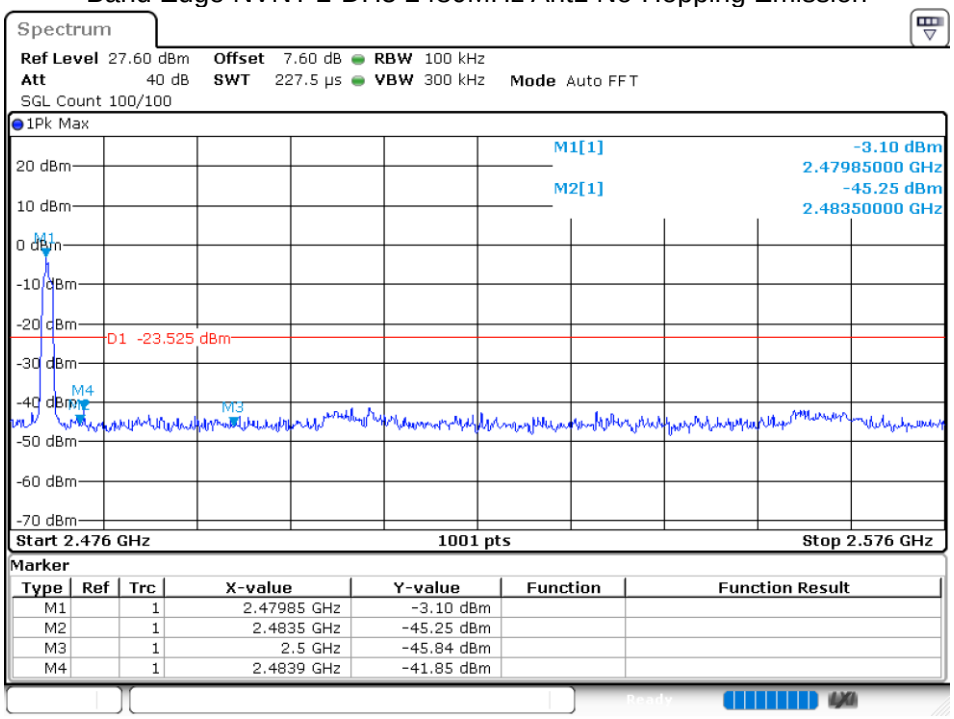
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40595 GHz	-2.05 dBm		
M2		1	2.4 GHz	-44.28 dBm		
M3		1	2.39 GHz	-44.95 dBm		
M4		1	2.343 GHz	-40.33 dBm		

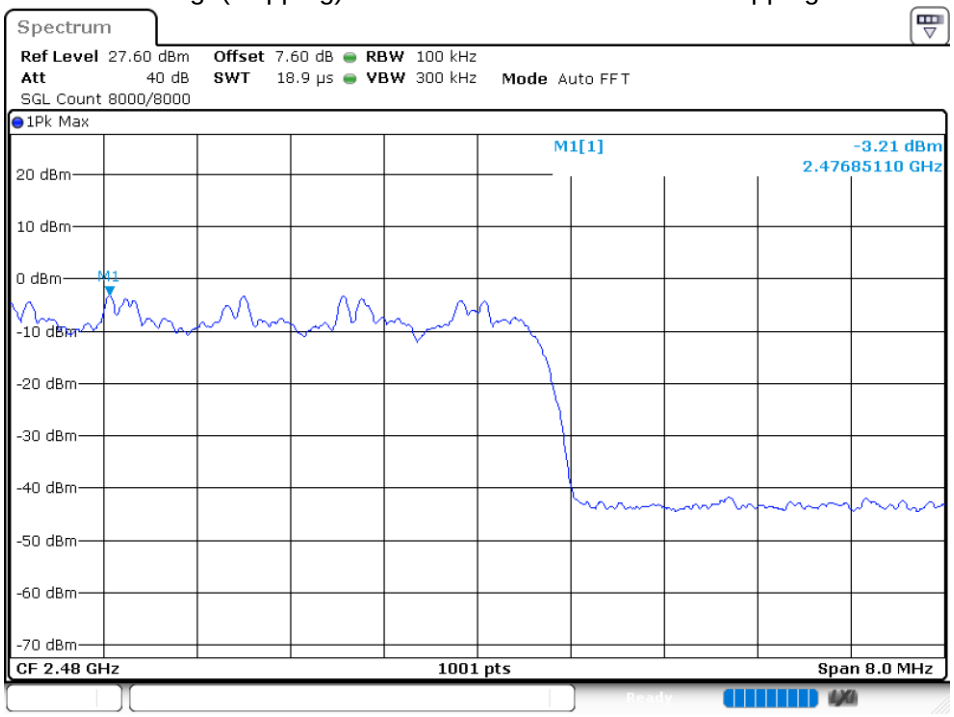
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



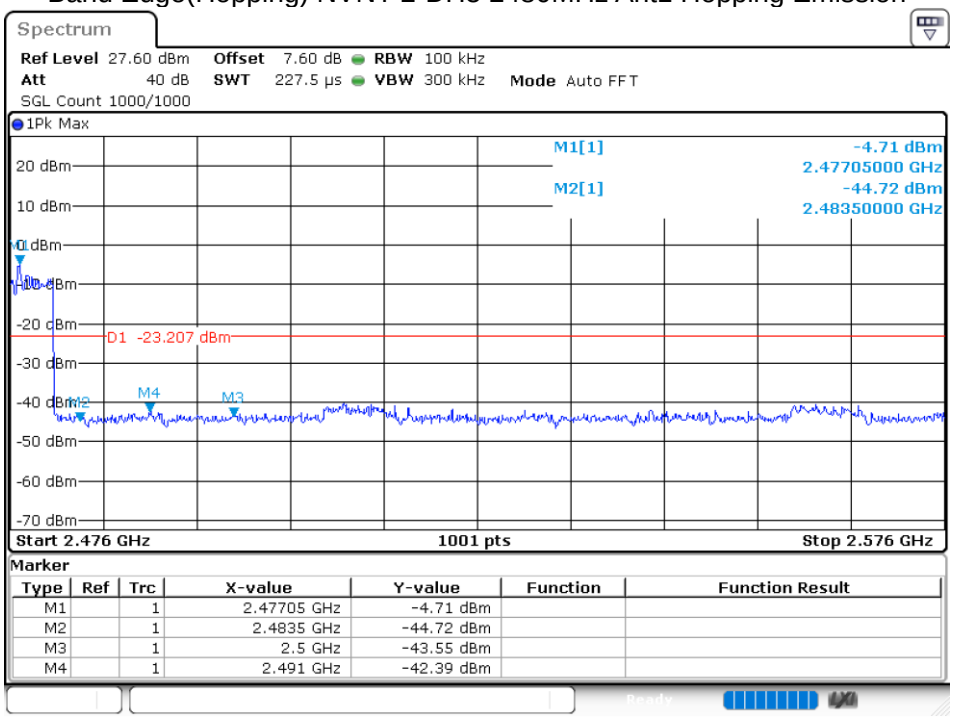
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



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



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



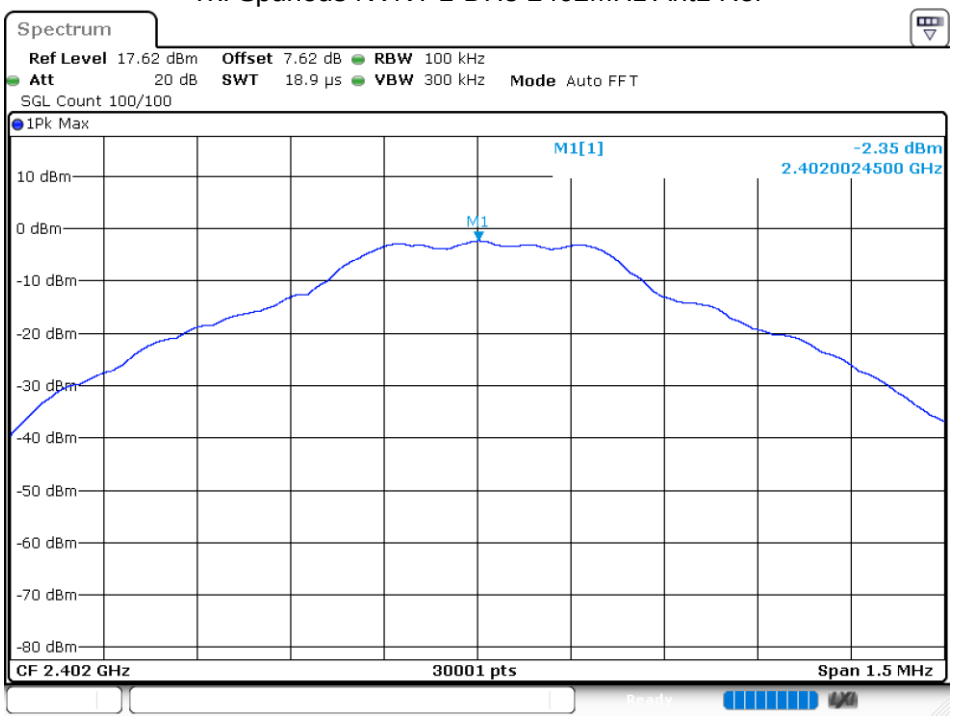
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47705 GHz	-4.71 dBm		
M2		1	2.4835 GHz	-44.72 dBm		
M3		1	2.5 GHz	-43.55 dBm		
M4		1	2.491 GHz	-42.39 dBm		

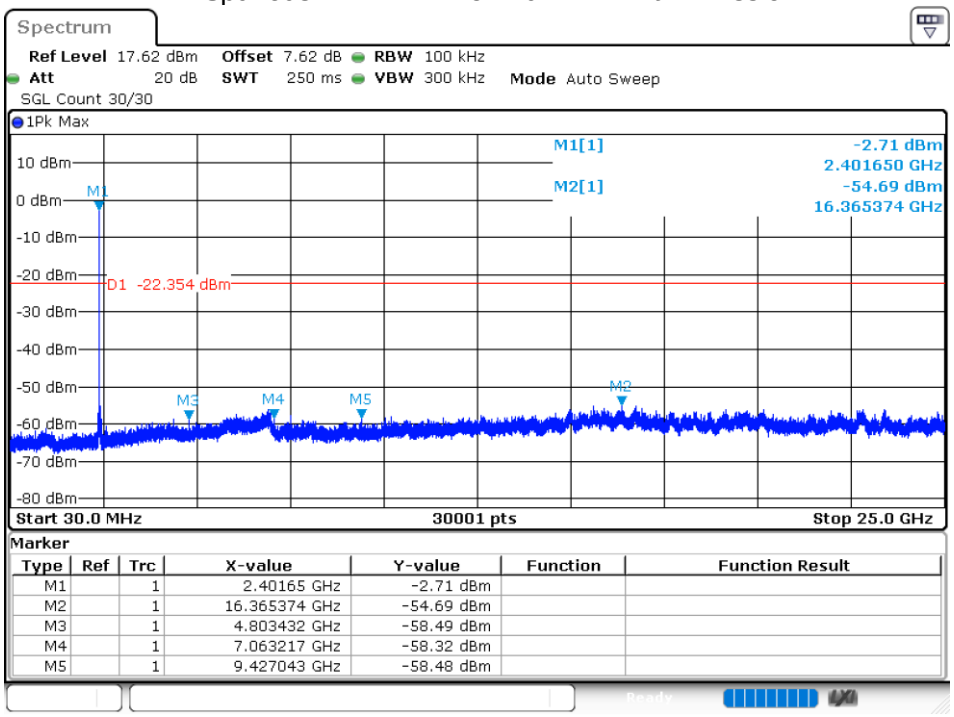
8.1.8 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	-52.34	-20	Pass
NVNT	1-DH5	2441	Ant 1	-52.1	-20	Pass
NVNT	1-DH5	2480	Ant 1	-51.49	-20	Pass
NVNT	2-DH5	2402	Ant 1	-53.96	-20	Pass
NVNT	2-DH5	2441	Ant 1	-51.29	-20	Pass
NVNT	2-DH5	2480	Ant 1	-52.59	-20	Pass

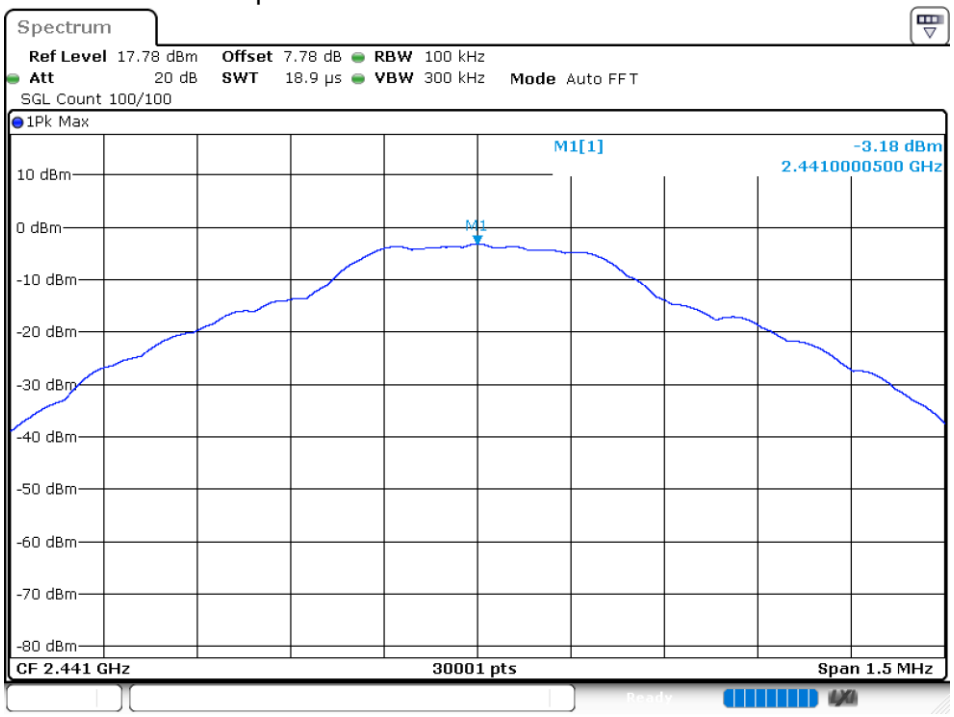
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



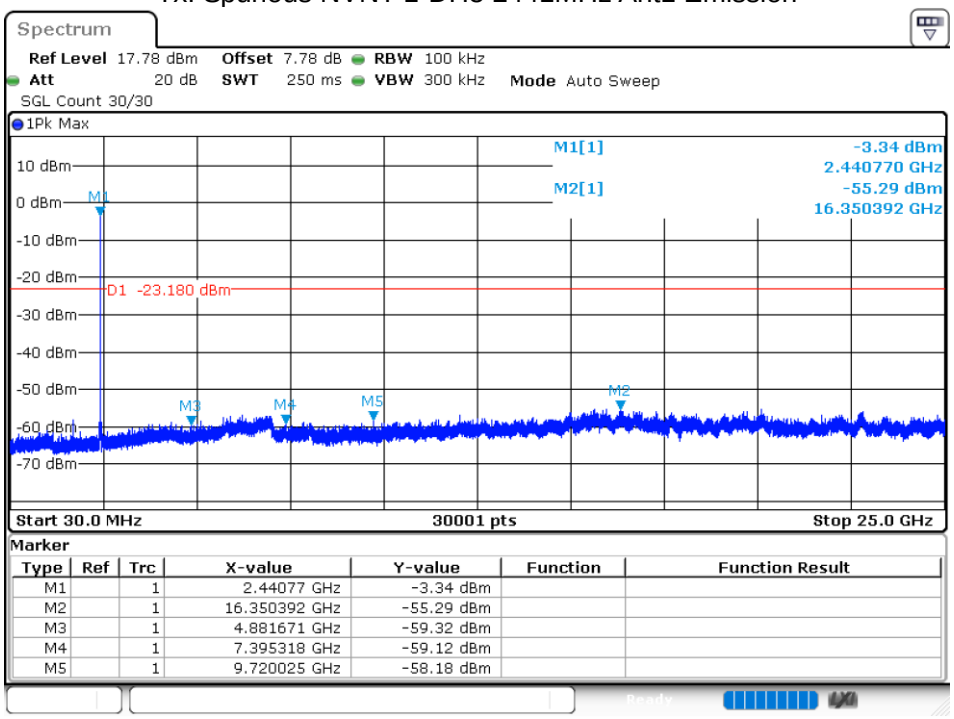
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



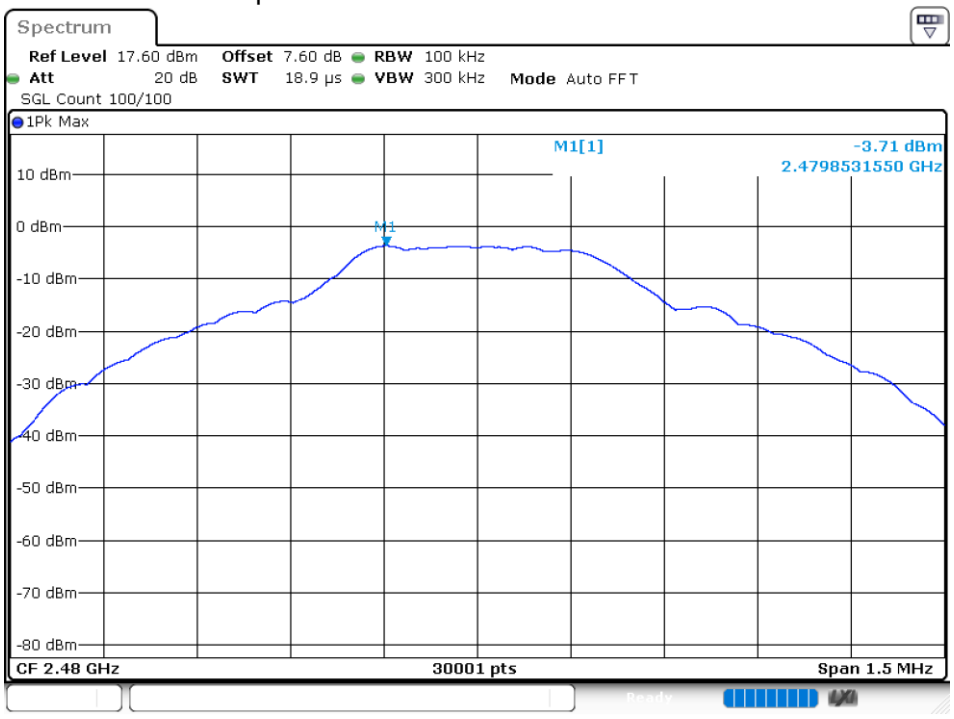
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



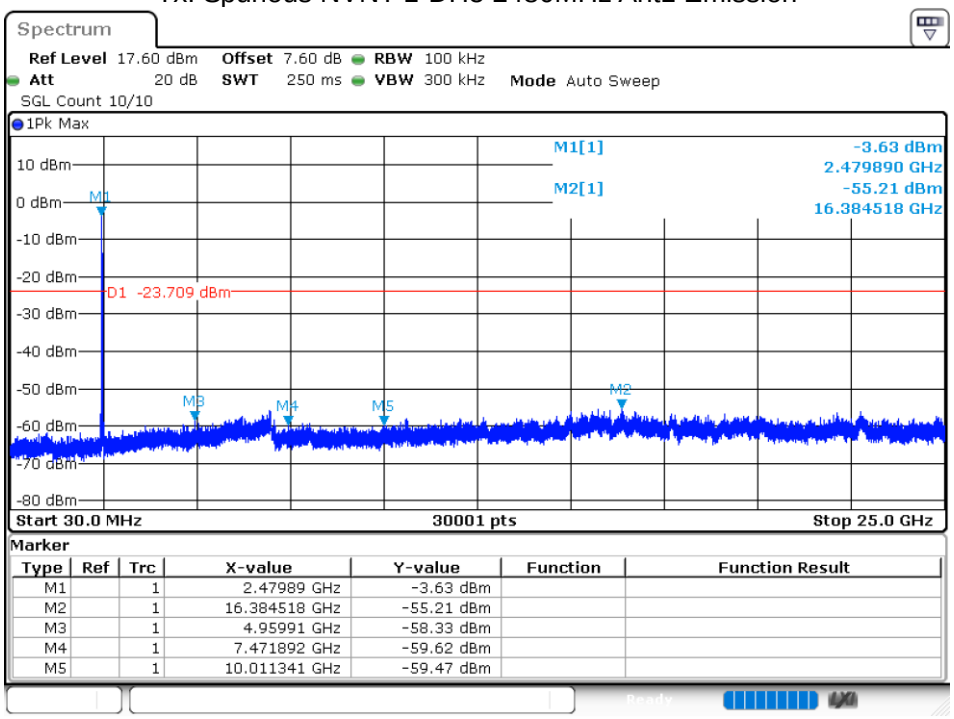
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44077 GHz	-3.34 dBm		
M2		1	16.350392 GHz	-55.29 dBm		
M3		1	4.881671 GHz	-59.32 dBm		
M4		1	7.395318 GHz	-59.12 dBm		
M5		1	9.720025 GHz	-58.18 dBm		

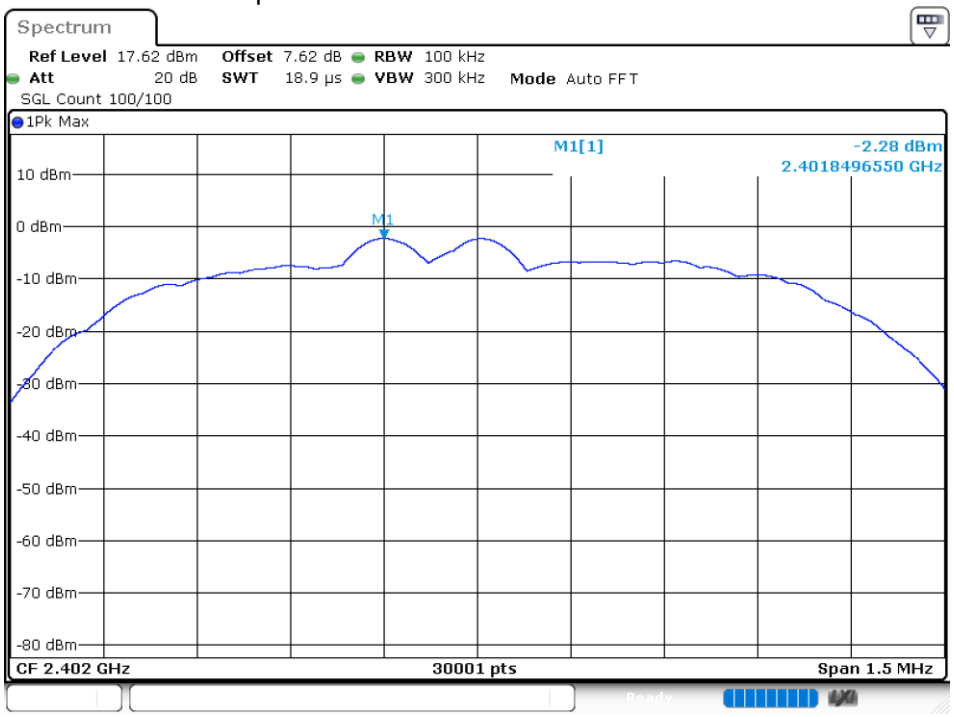
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



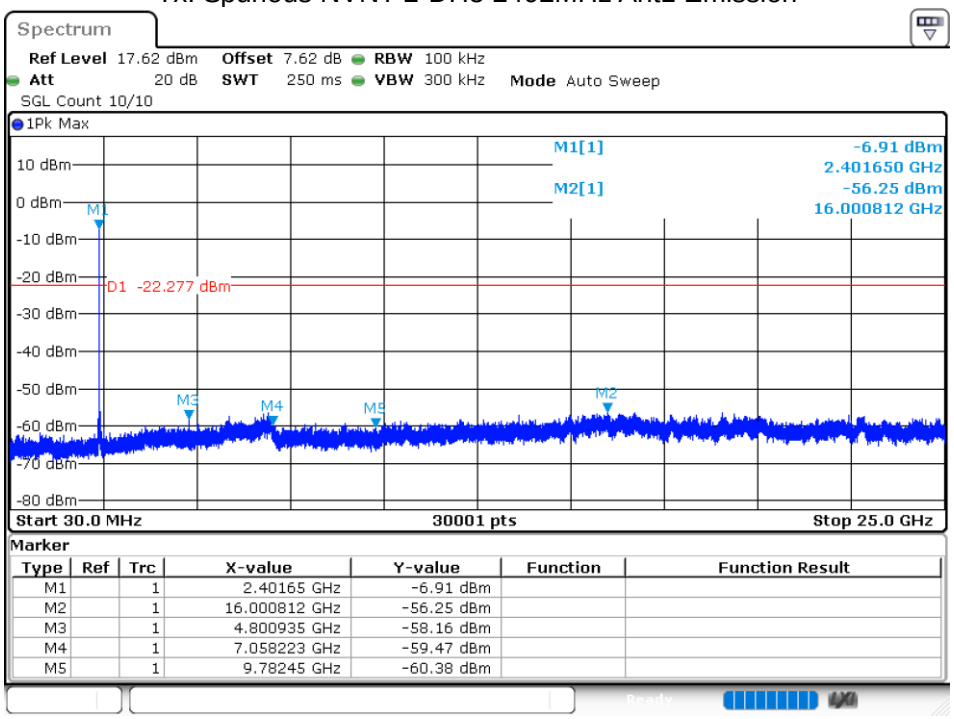
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



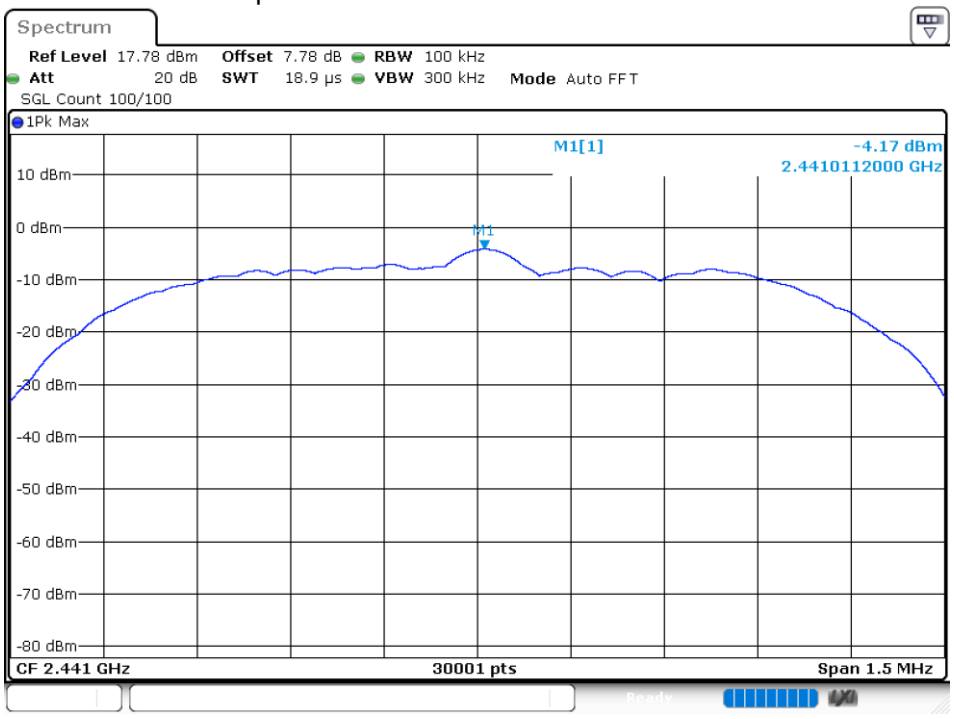
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



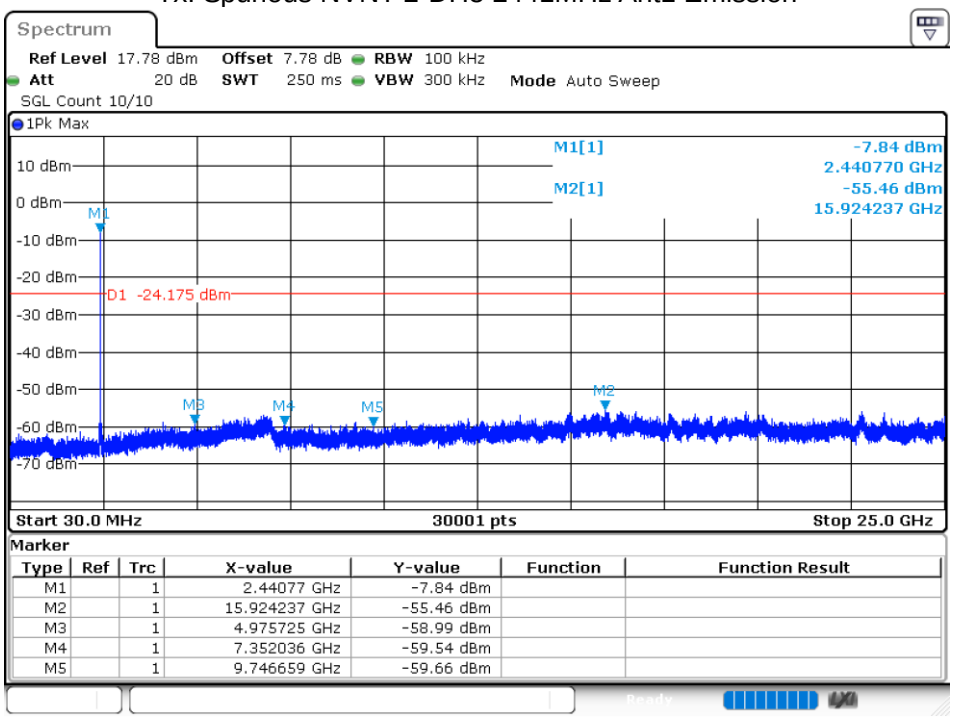
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



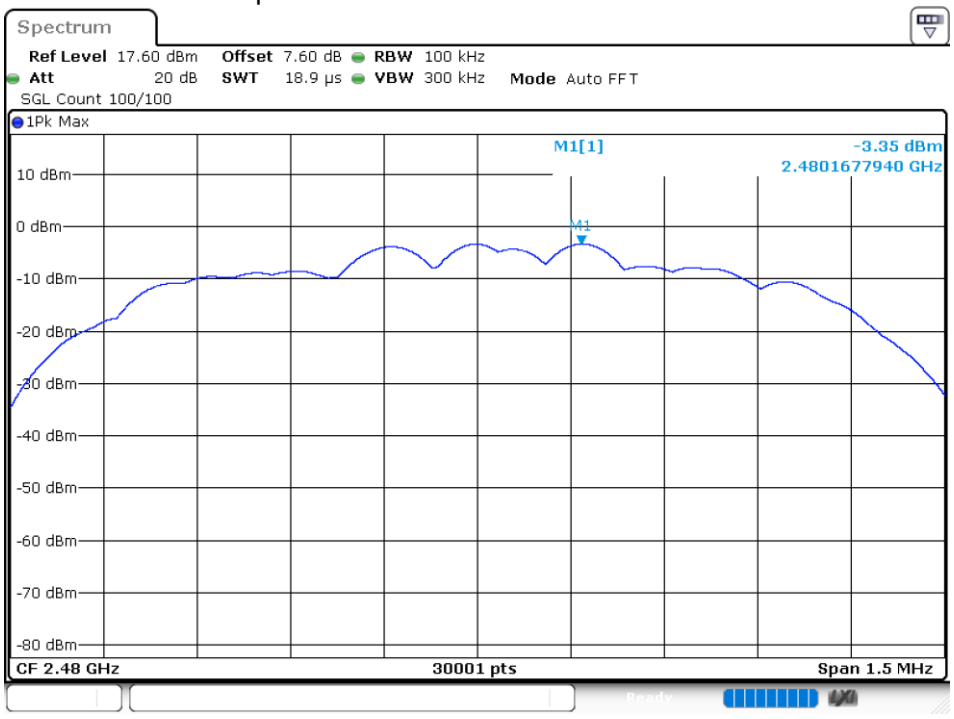
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



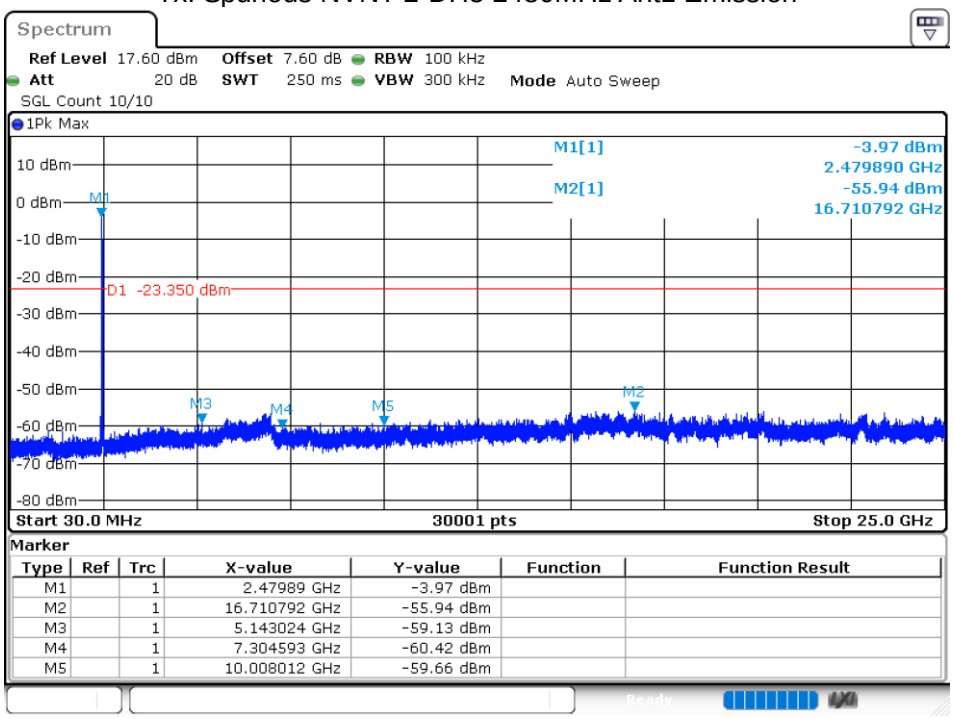
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44077 GHz	-7.84 dBm		
M2		1	15.924237 GHz	-55.46 dBm		
M3		1	4.975725 GHz	-58.99 dBm		
M4		1	7.352036 GHz	-59.54 dBm		
M5		1	9.746659 GHz	-59.66 dBm		

Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



END OF REPORT