



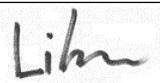
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: Projector

Test Model: H6

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Monkey Li
Supervised by:	 Li Huan



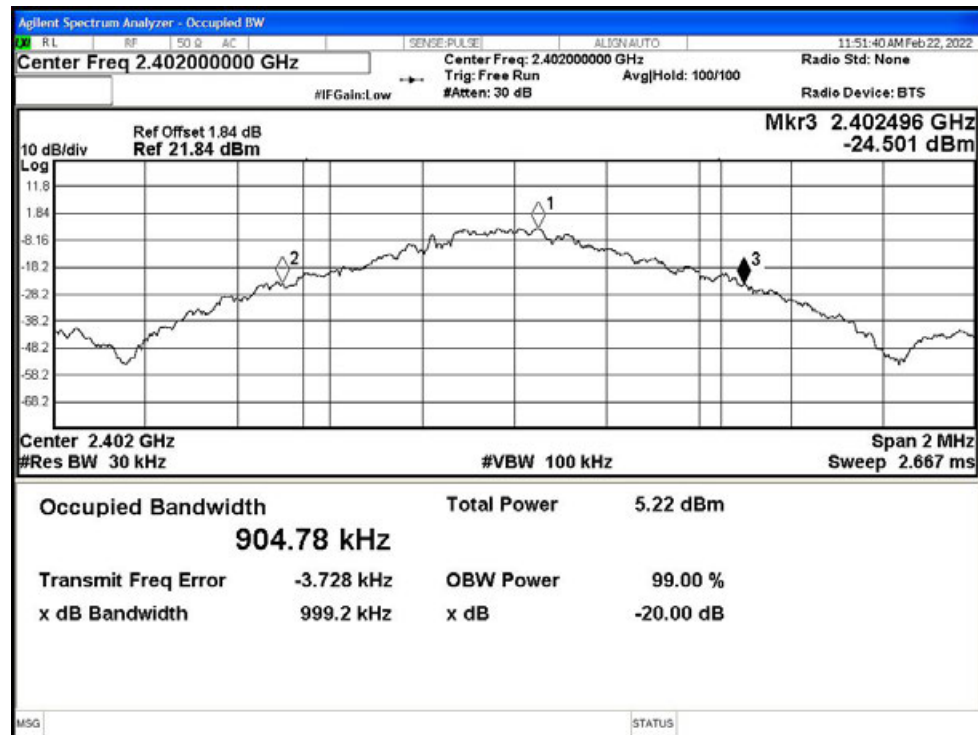
A.1 -20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.999	--	Pass
NVNT	1-DH5	2441	Ant1	1.001	--	Pass
NVNT	1-DH5	2480	Ant1	0.99	--	Pass
NVNT	2-DH5	2402	Ant1	1.303	--	Pass
NVNT	2-DH5	2441	Ant1	1.307	--	Pass
NVNT	2-DH5	2480	Ant1	1.313	--	Pass



Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1

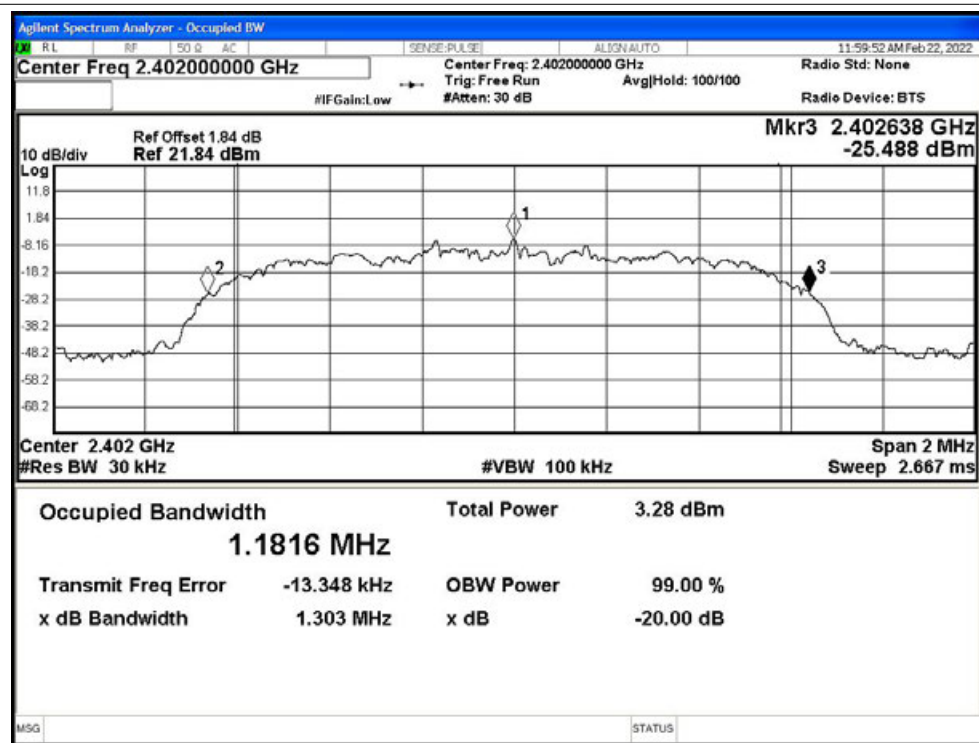




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1

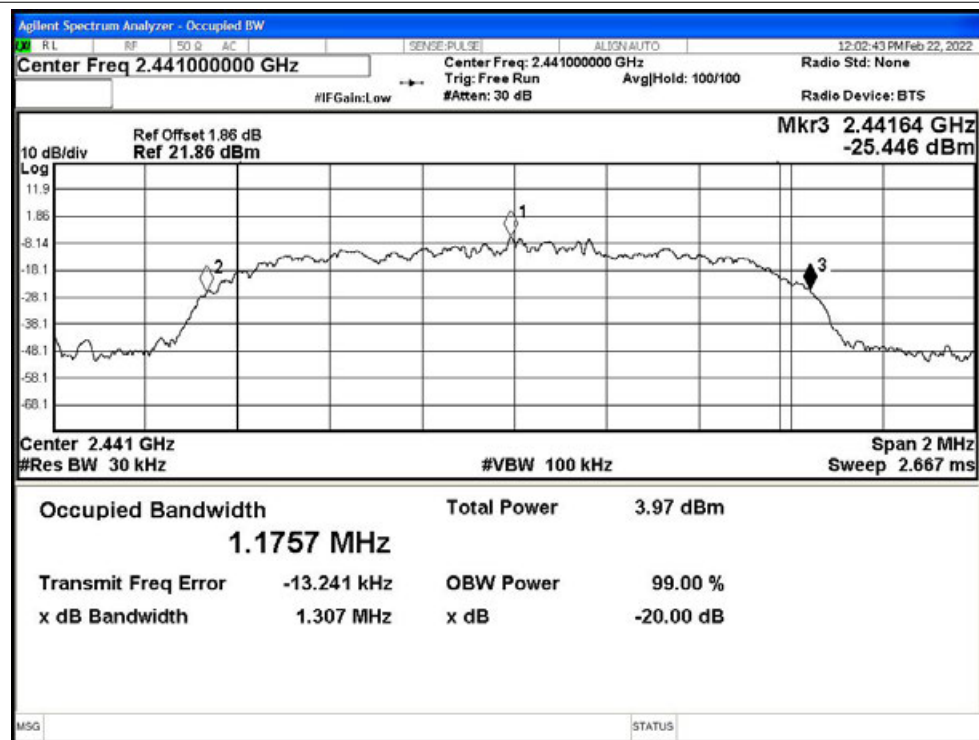


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1

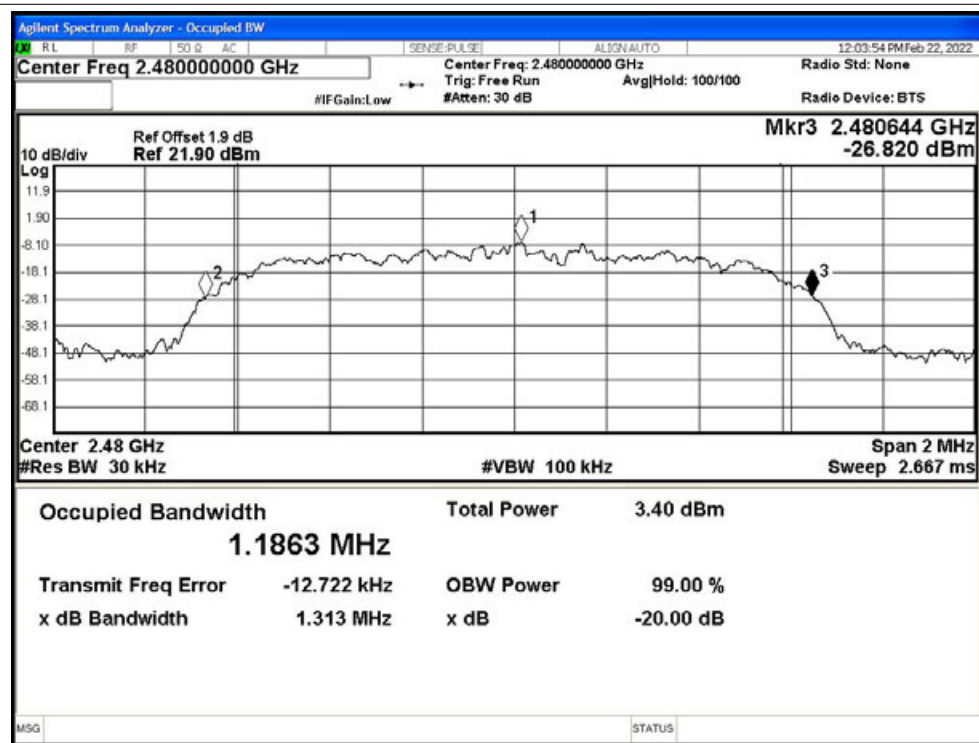




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1





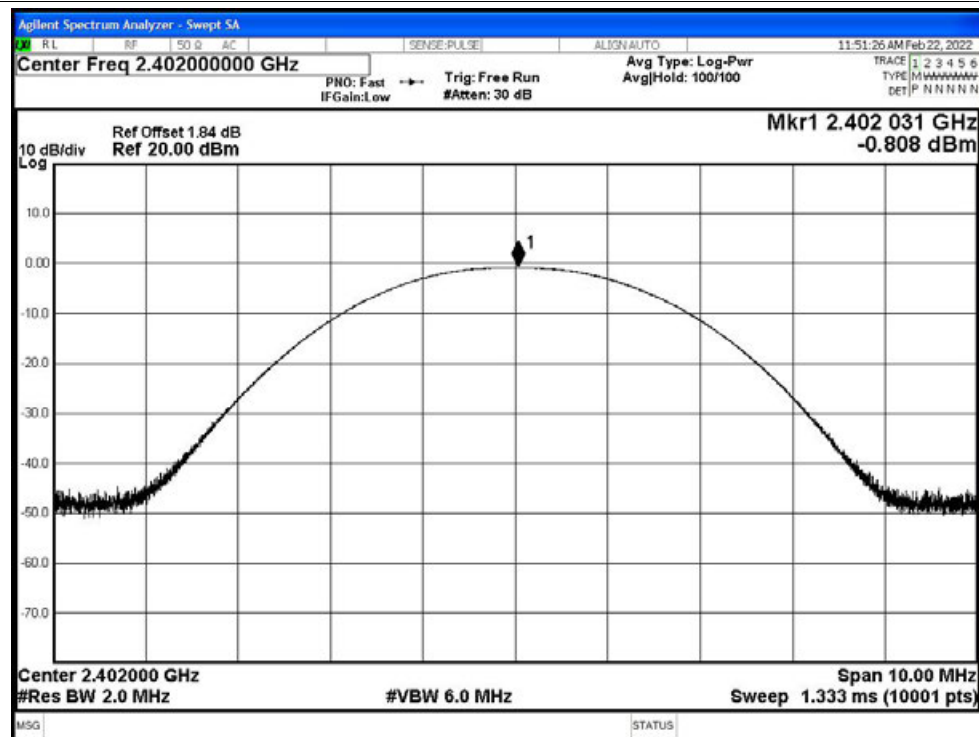
A.2 Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Result (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	-0.81	≤20.97	Pass
NVNT	1-DH5	2441	Ant1	-0.45	≤20.97	Pass
NVNT	1-DH5	2480	Ant1	-0.49	≤20.97	Pass
NVNT	2-DH5	2402	Ant1	-1.23	≤20.97	Pass
NVNT	2-DH5	2441	Ant1	-0.75	≤20.97	Pass
NVNT	2-DH5	2480	Ant1	-0.76	≤20.97	Pass

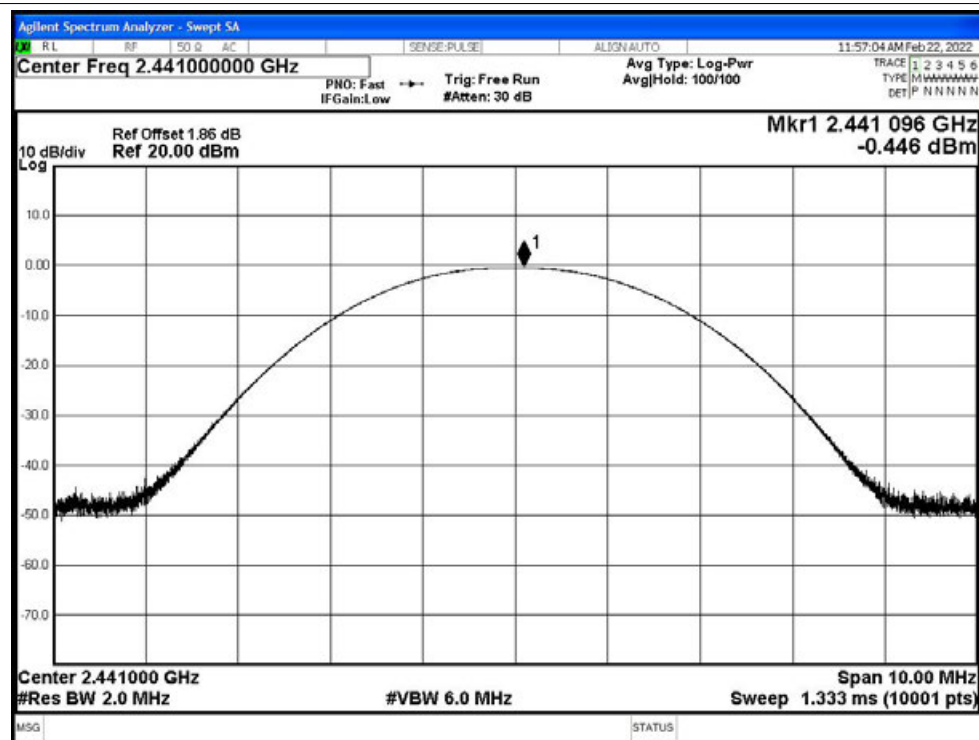


Test Graphs

Power NVNT 1-DH5 2402MHz Ant1

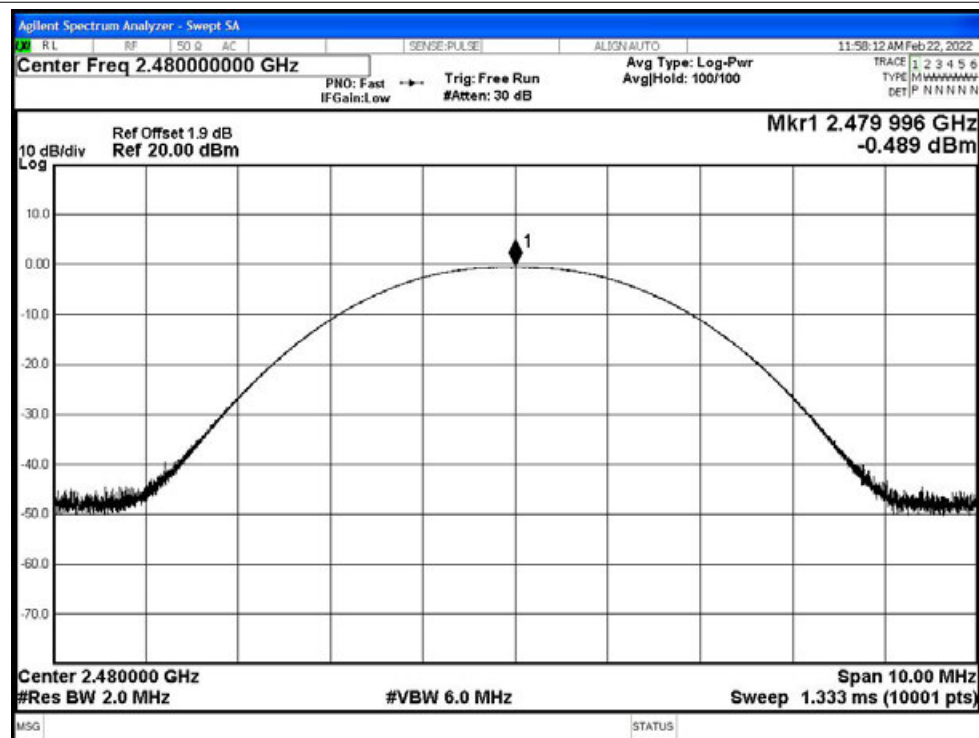


Power NVNT 1-DH5 2441MHz Ant1

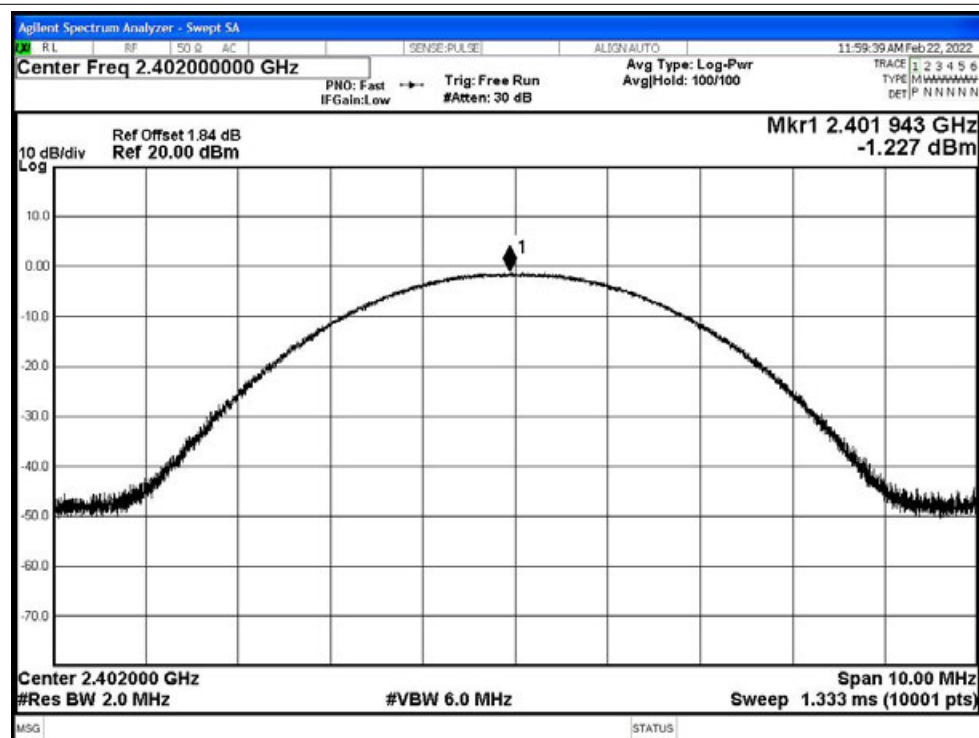




Power NVNT 1-DH5 2480MHz Ant1

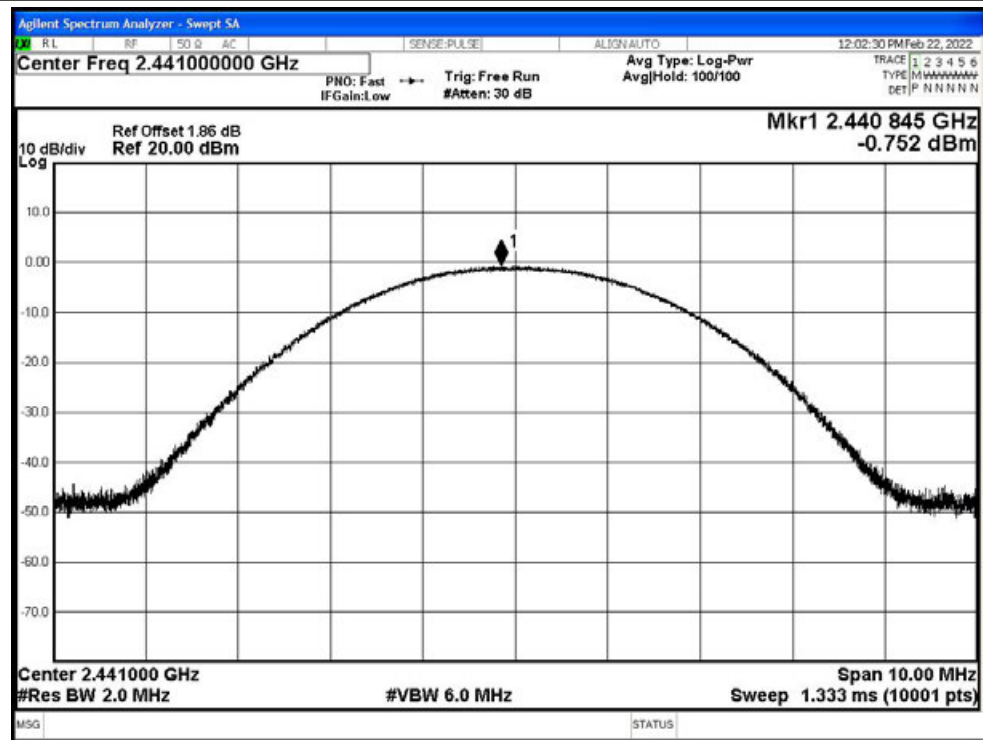


Power NVNT 2-DH5 2402MHz Ant1

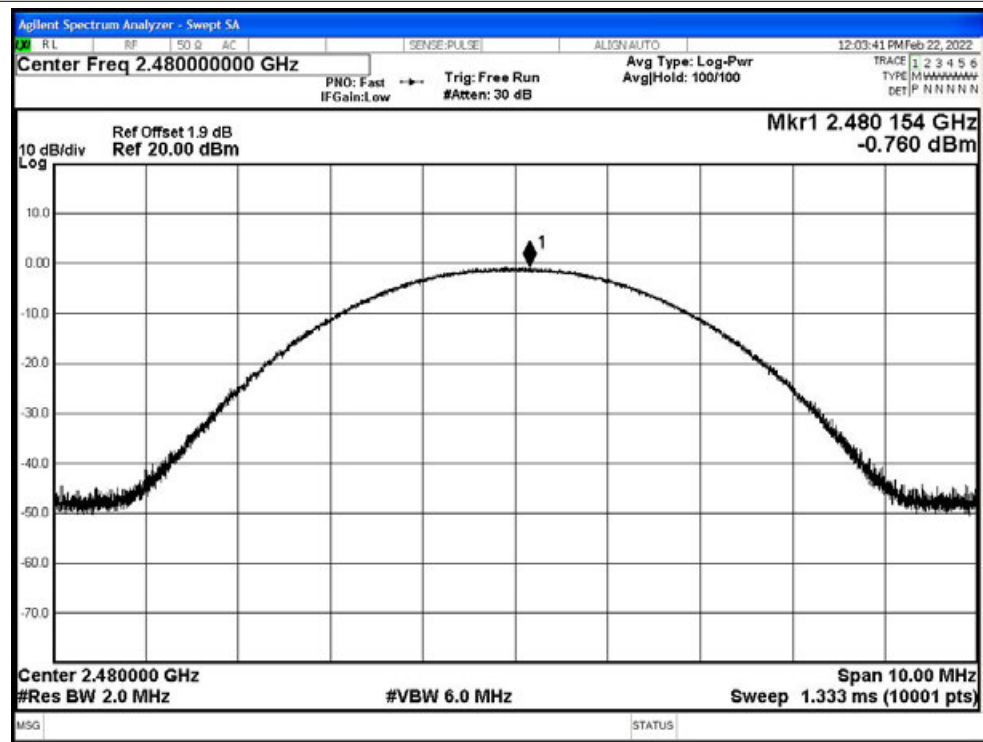




Power NVNT 2-DH5 2441MHz Ant1



Power NVNT 2-DH5 2480MHz Ant1





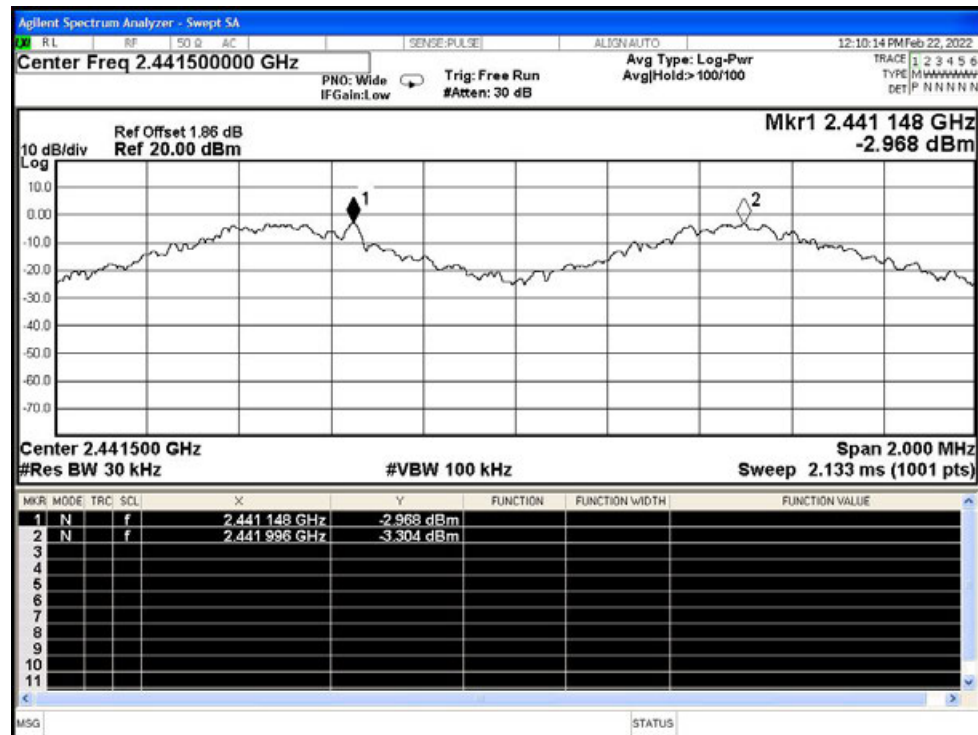
A.3 Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2441.148	2441.996	0.848	≥ 0.668	Pass
NVNT	2-DH5	Ant1	2440.996	2441.986	0.990	≥ 0.872	Pass

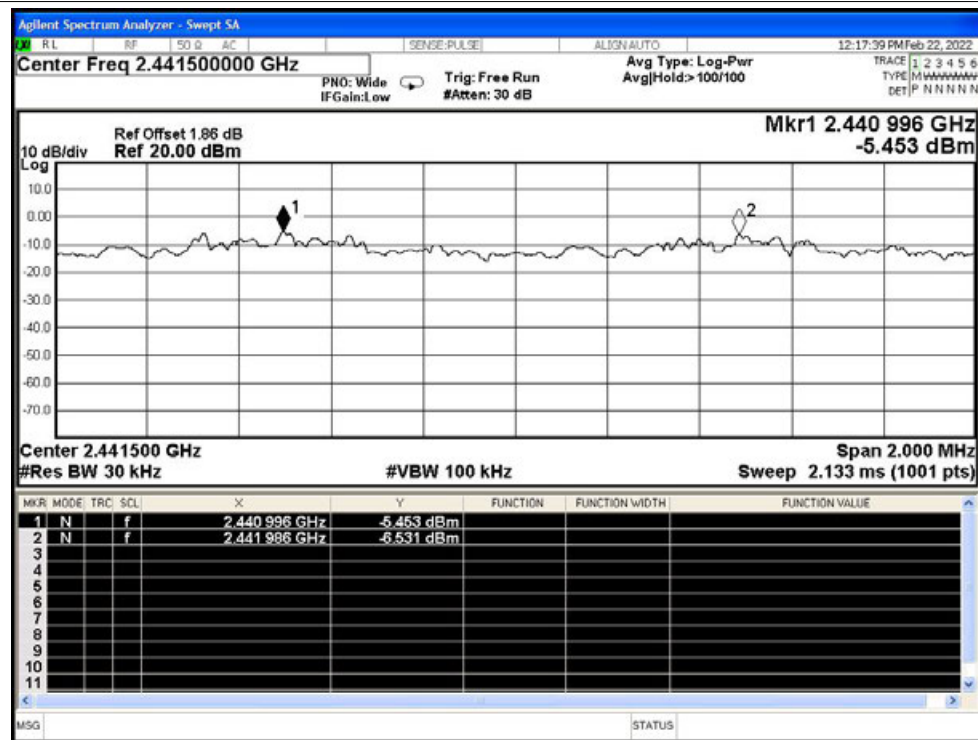


Test Graphs

CFS NVNT 1-DH5 2441MHz Ant1



CFS NVNT 2-DH5 2441MHz Ant1





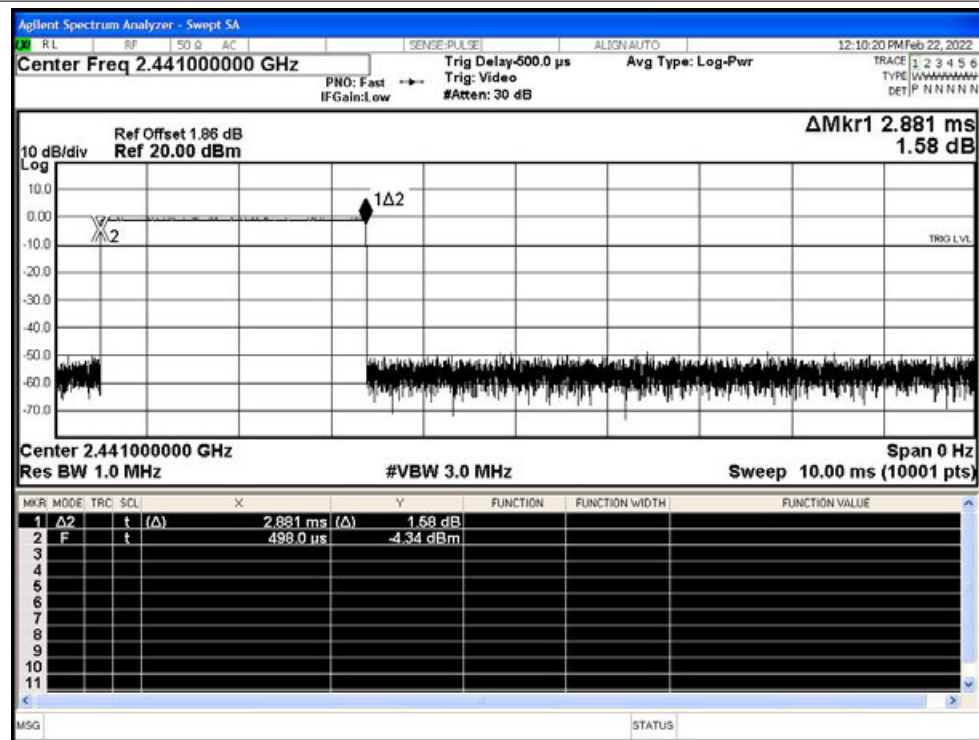
A.4 Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Hops [Num]	Result [s]	Limit (s)	Verdict
NVNT	1-DH5	2441	Ant1	2.88	106.67	0.307	≤0.4	Pass
NVNT	2-DH5	2441	Ant1	2.88	106.67	0.307	≤0.4	Pass

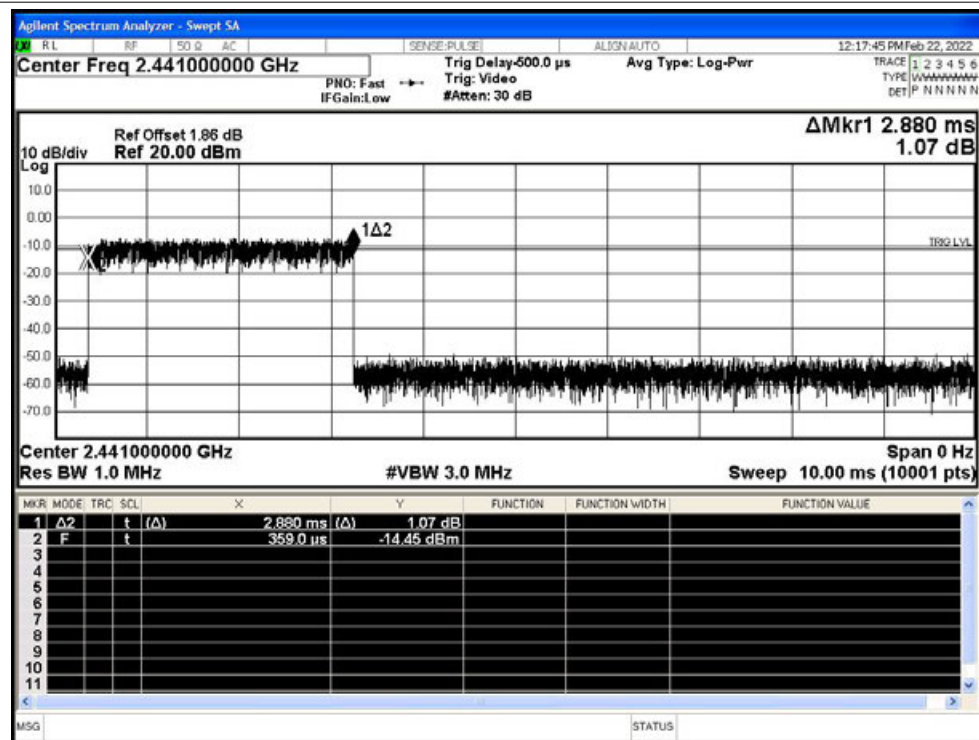


Test Graphs

Dwell NVNT 1-DH5 2441MHz Ant1



Dwell NVNT 2-DH5 2441MHz Ant1





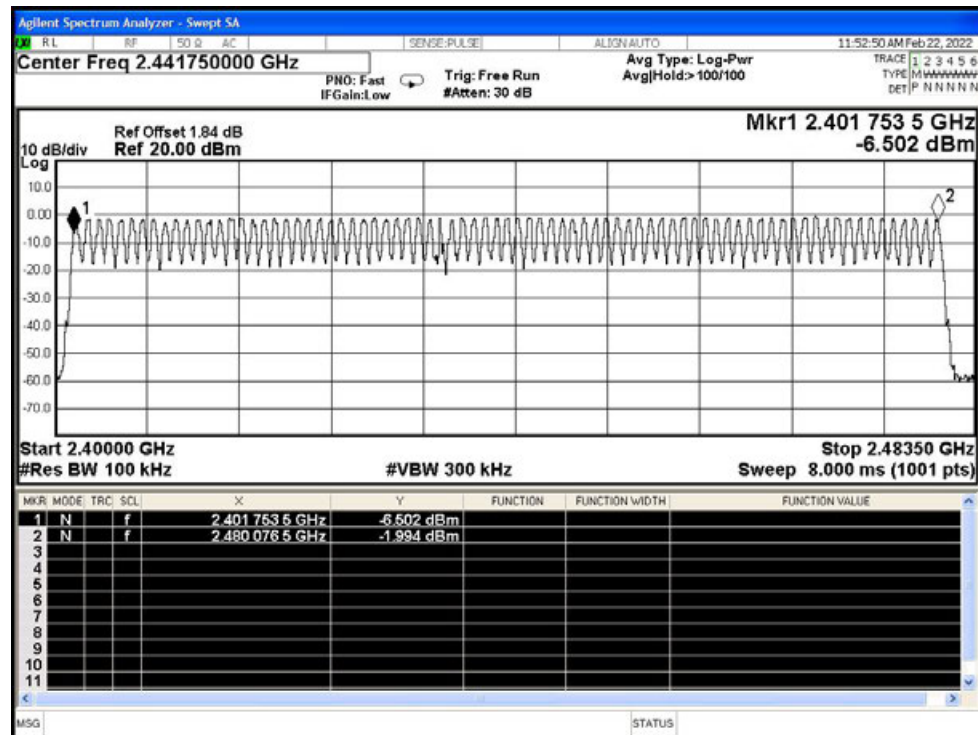
A.5 Number of Hopping Channel

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

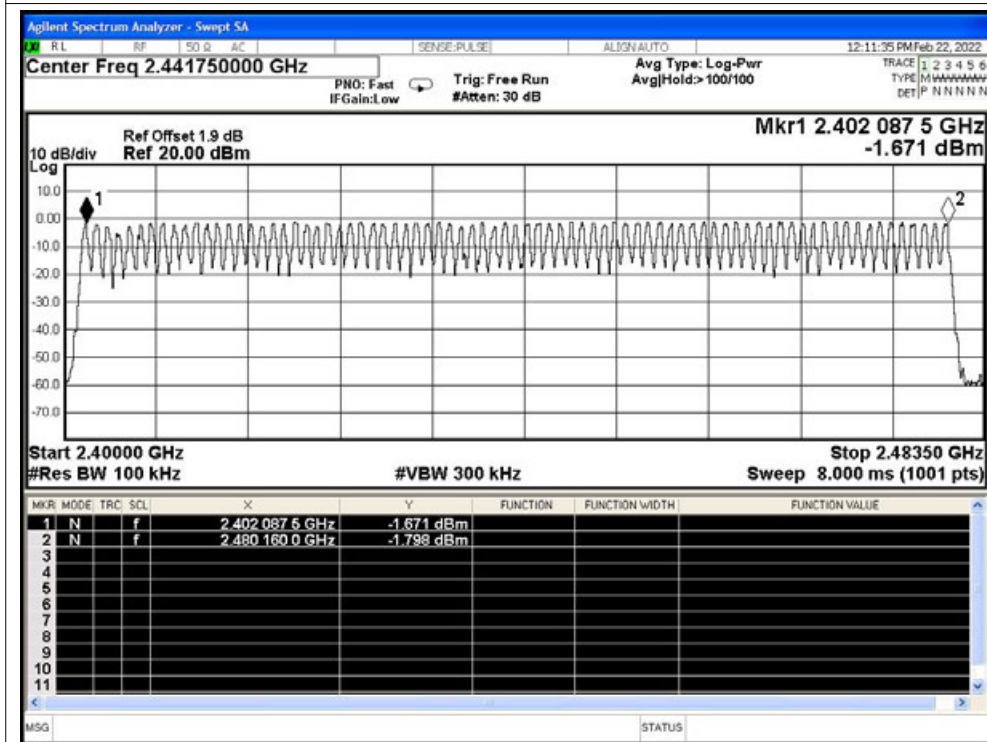


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant1

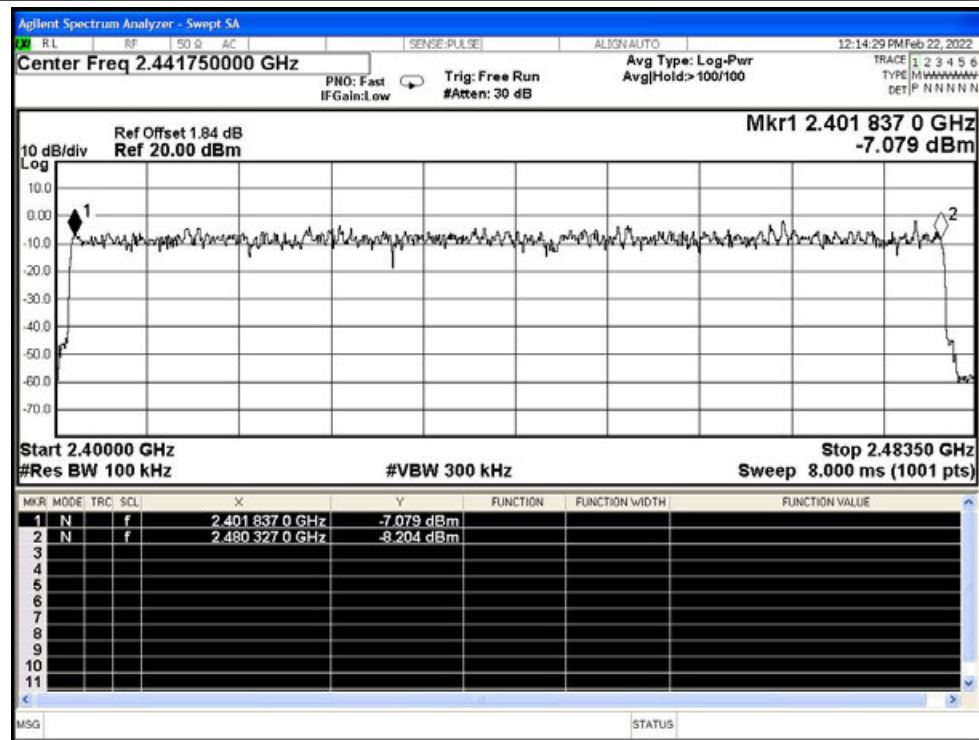


Hopping No. NVNT 1-DH5 2480MHz Ant1

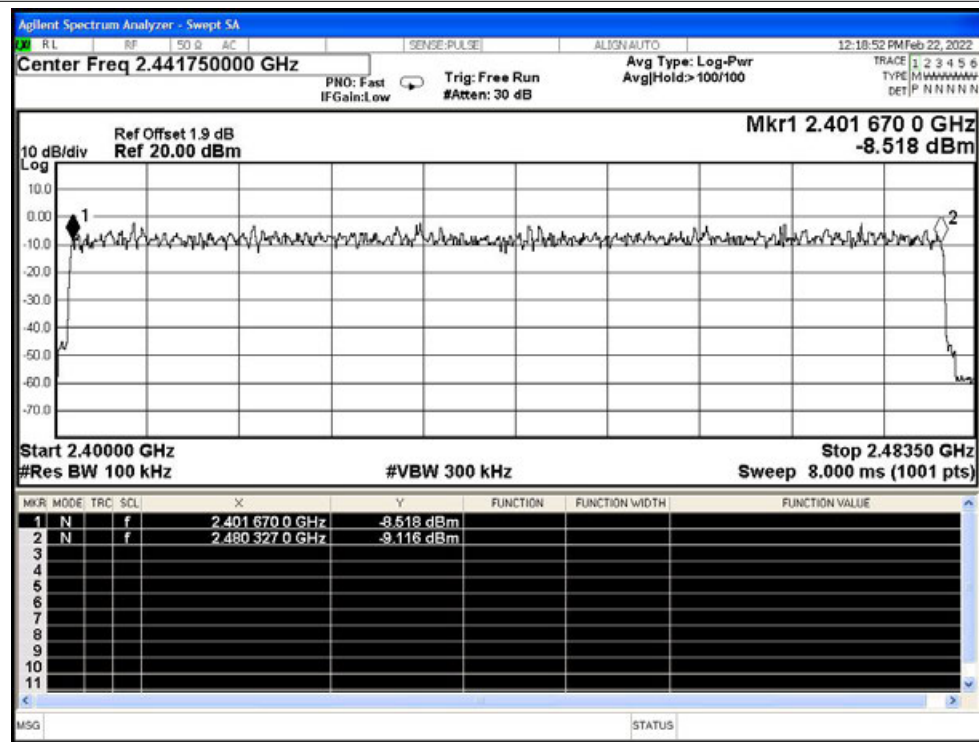




Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2480MHz Ant1





A.6 Band Edge

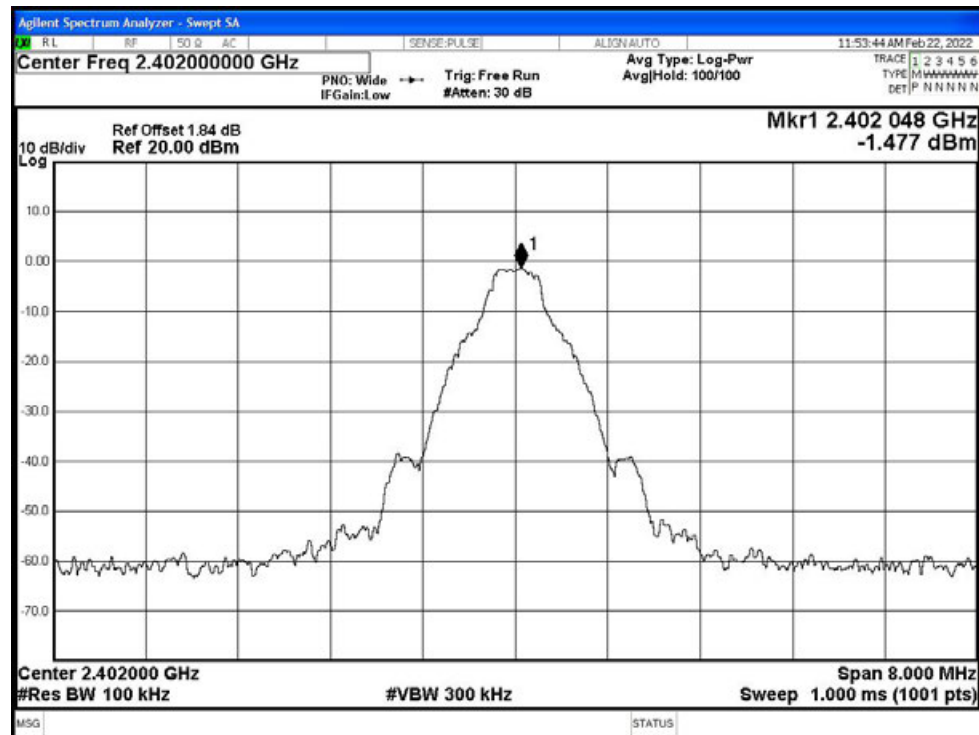
No-Hopping

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max. Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-55.09	≤ -20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-55.81	≤ -20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-51.2	≤ -20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-53.74	≤ -20	Pass

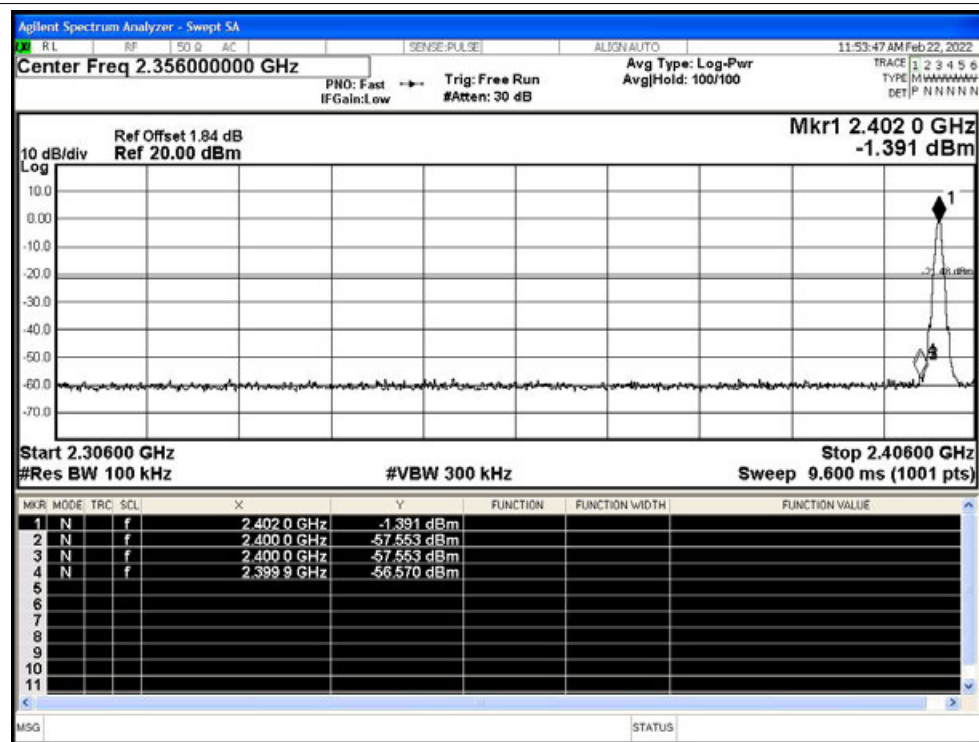


Test Graphs

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

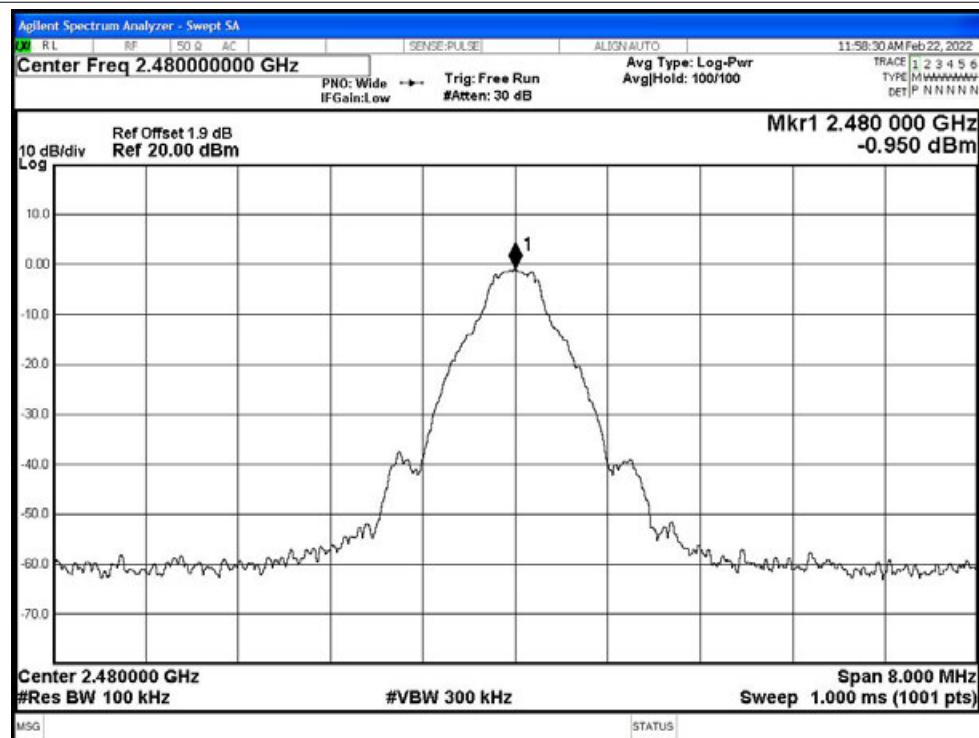


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

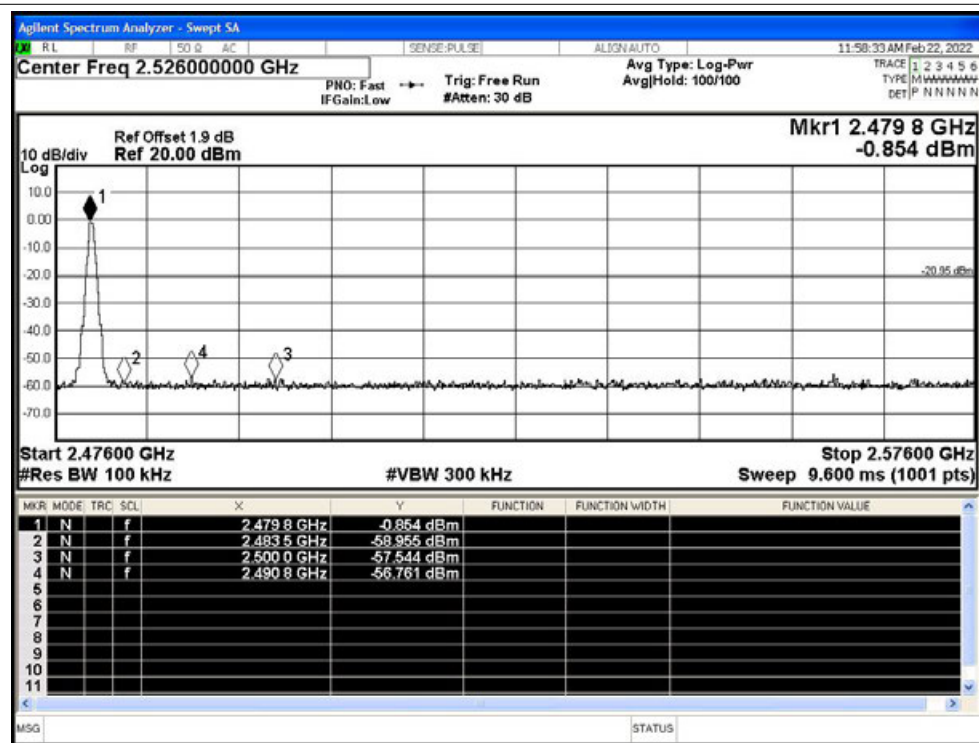




Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

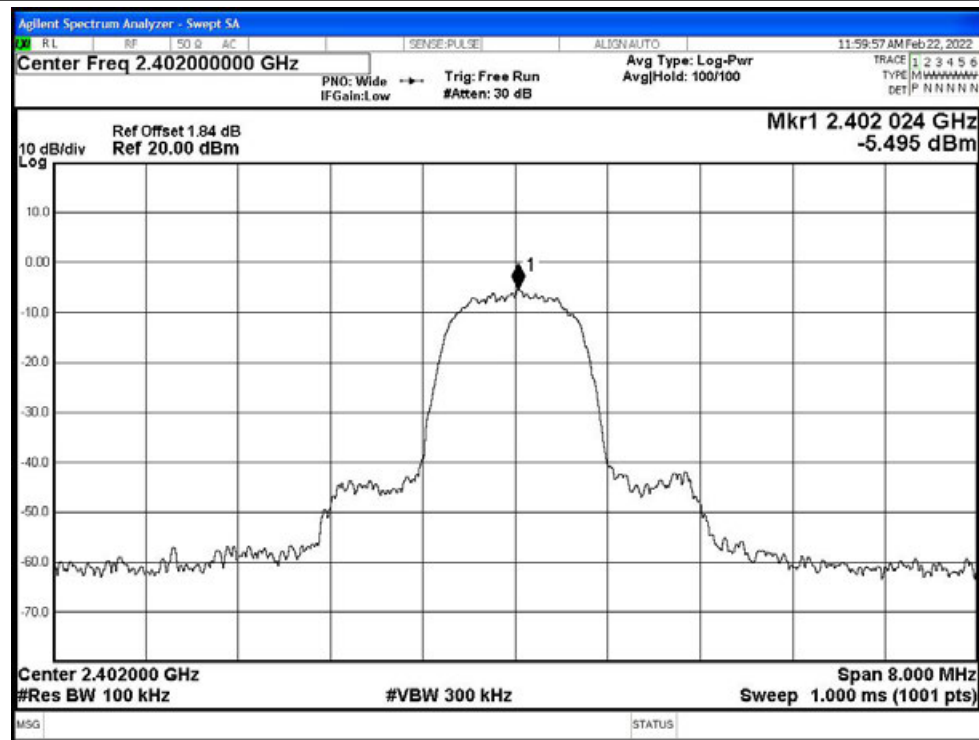


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission

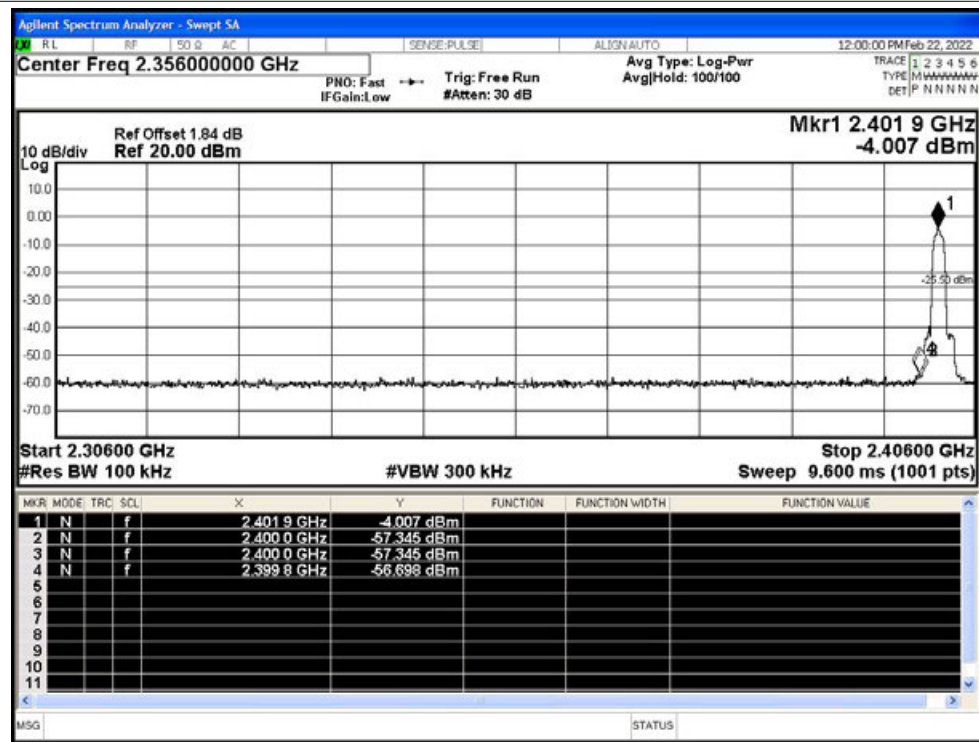




Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref

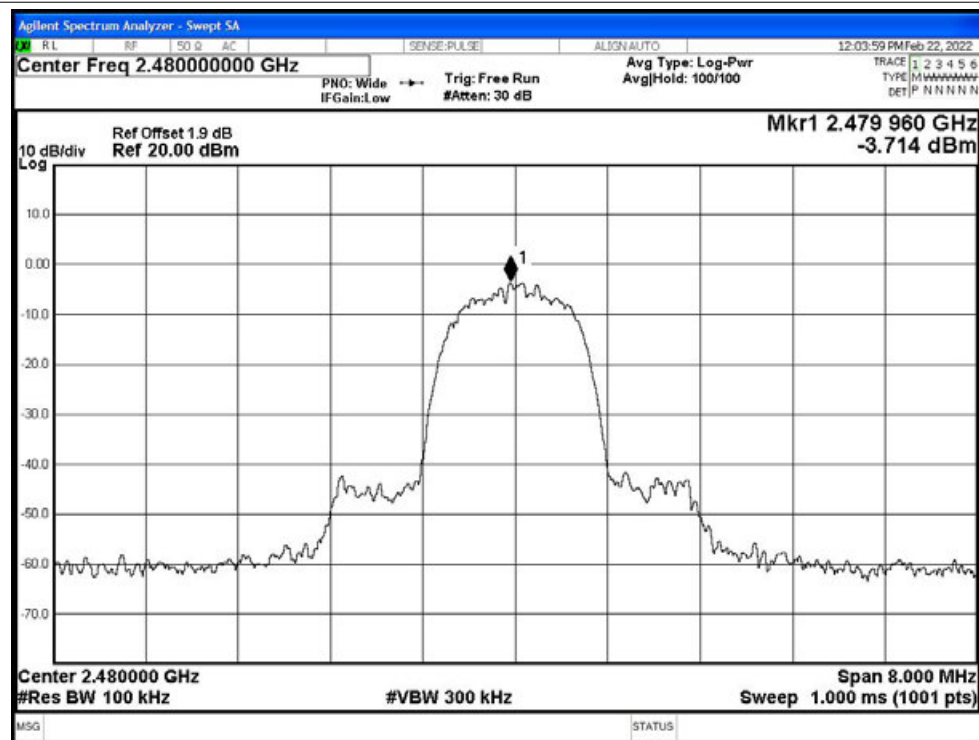


Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission

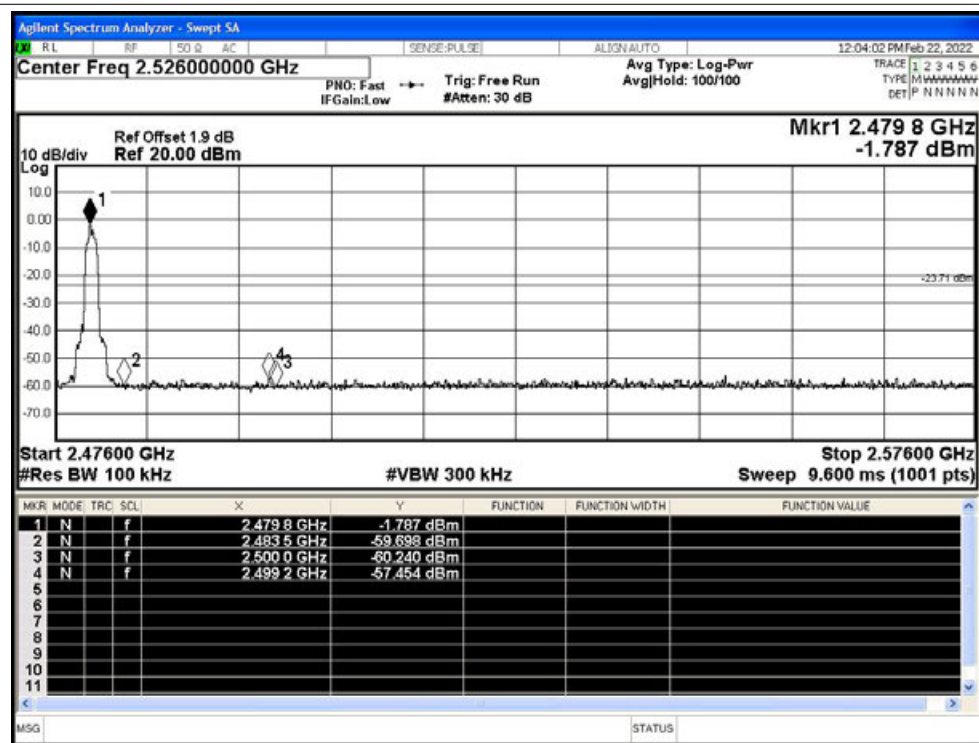




Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



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





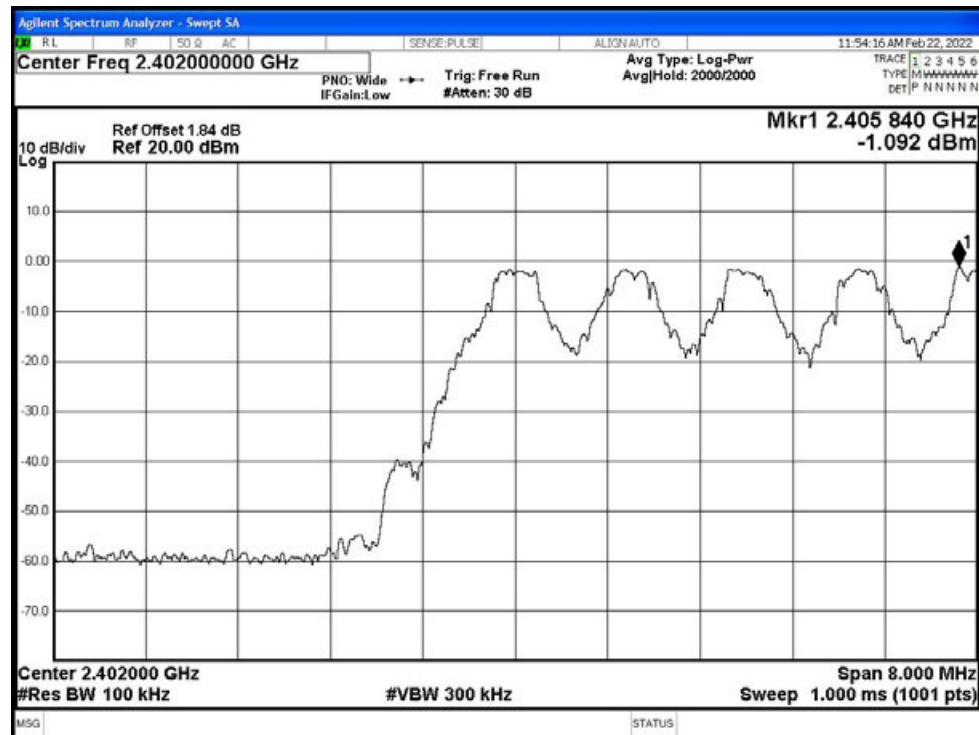
(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max. Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-55.39	≤ -20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55.27	≤ -20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-53.36	≤ -20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-53.61	≤ -20	Pass

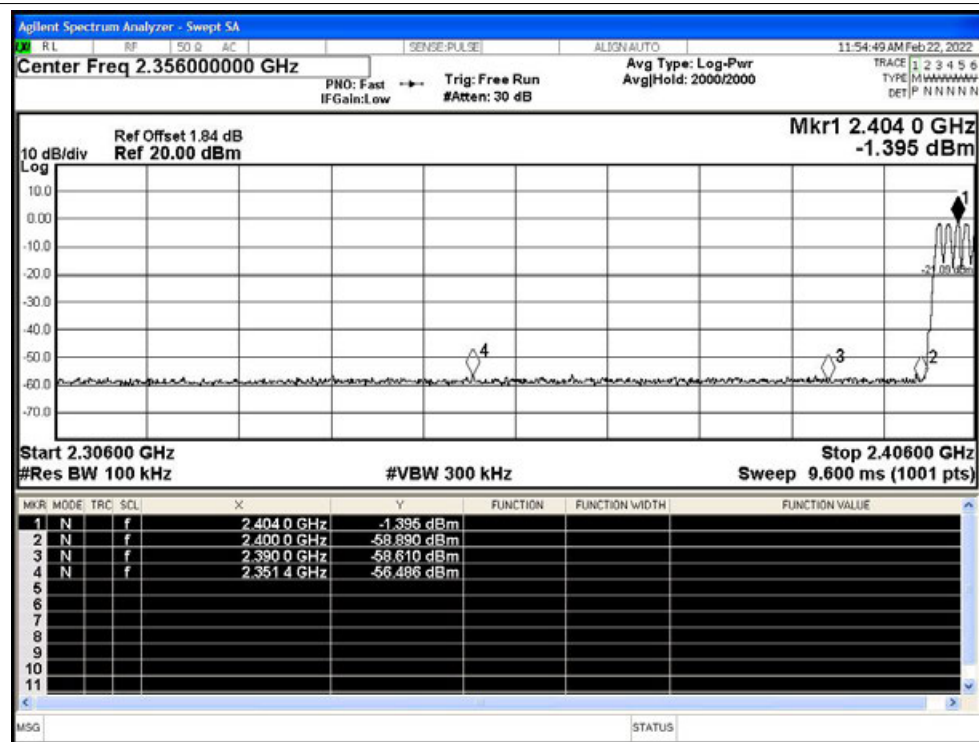


Test Graphs

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

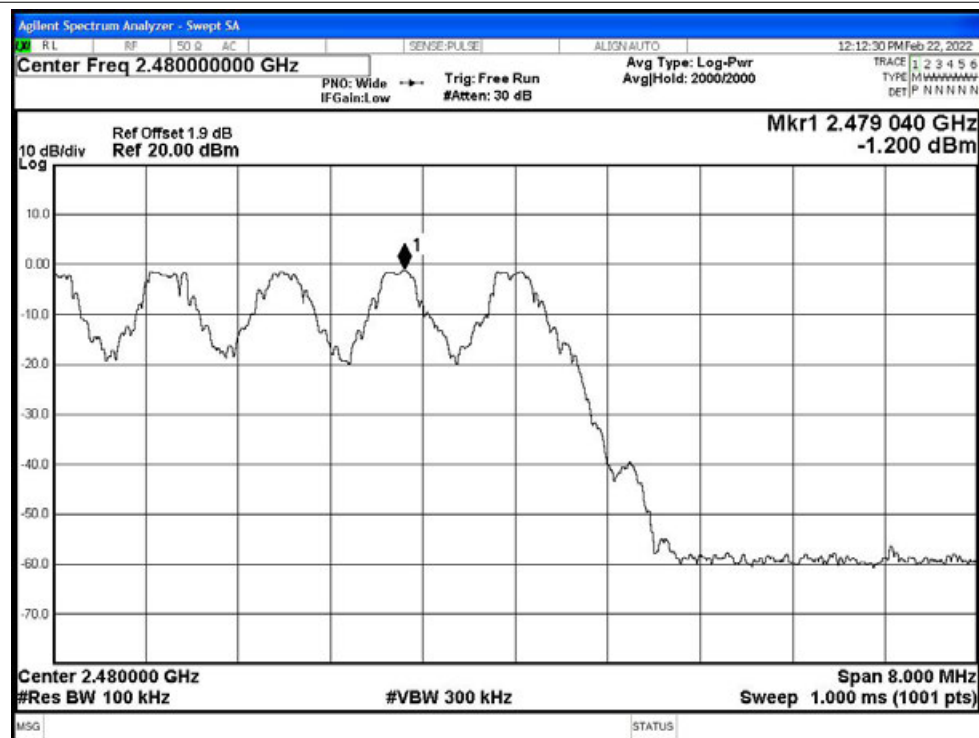


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

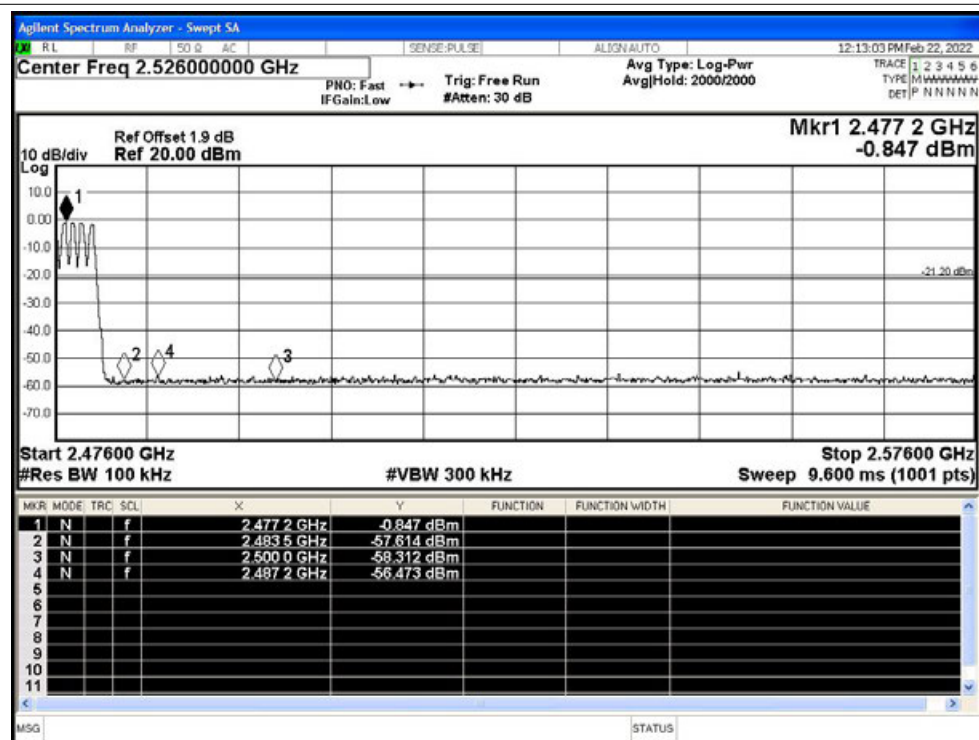




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

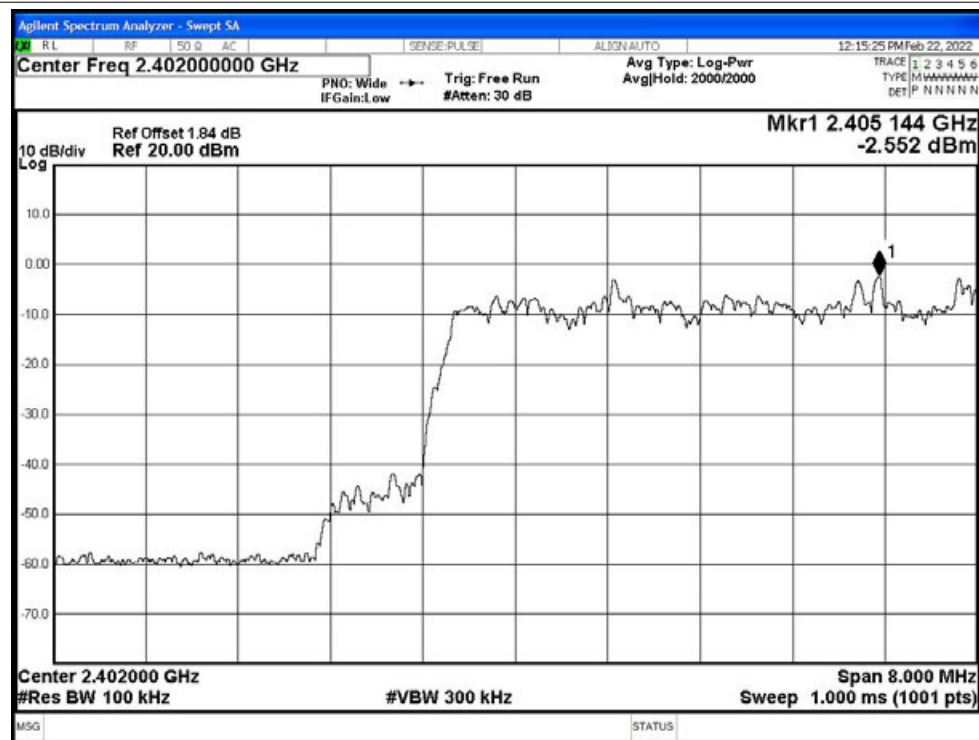


Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

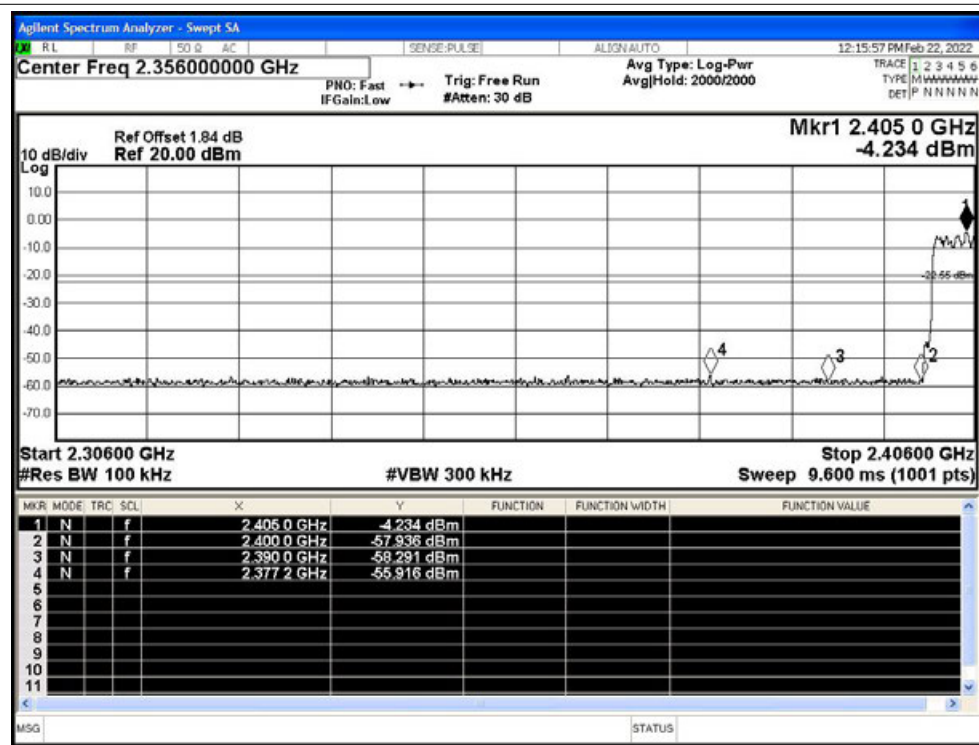




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref

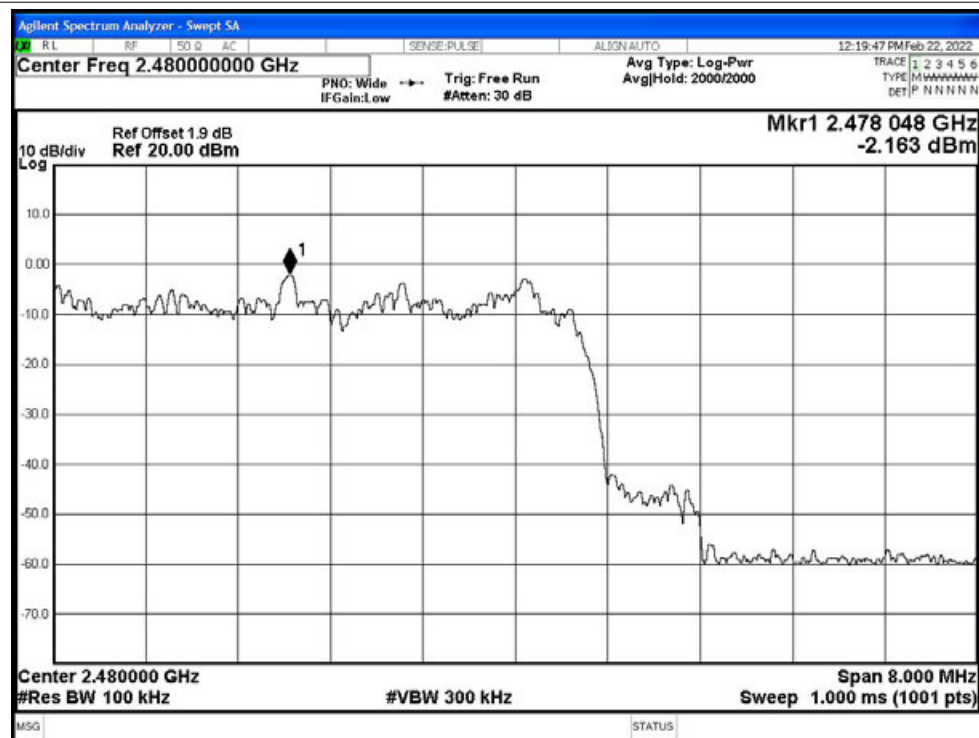


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission

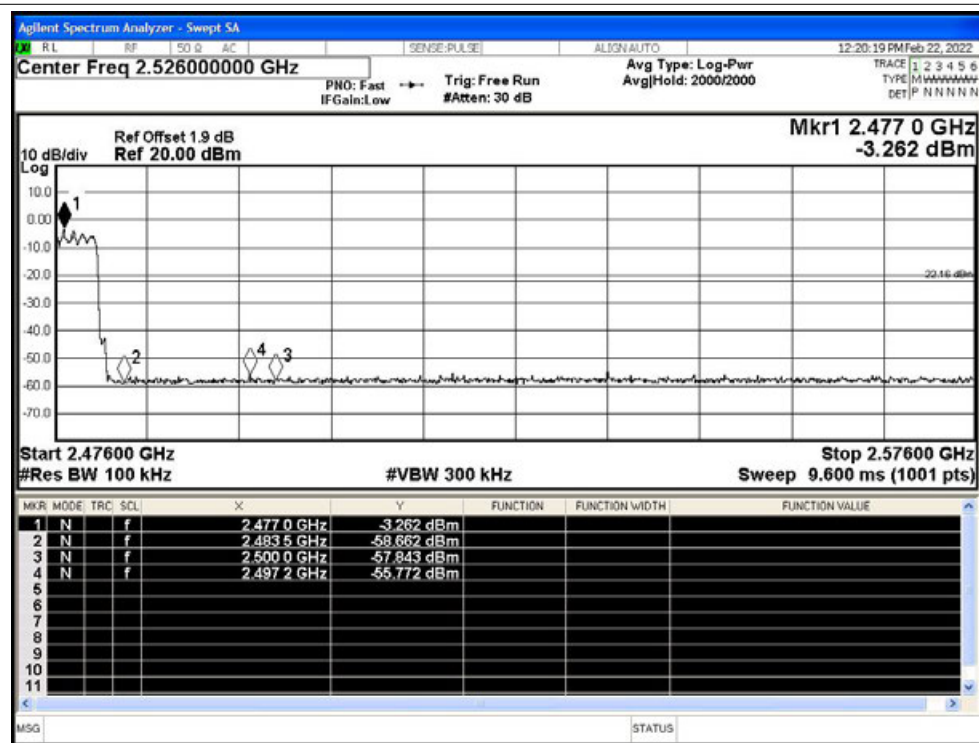




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



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





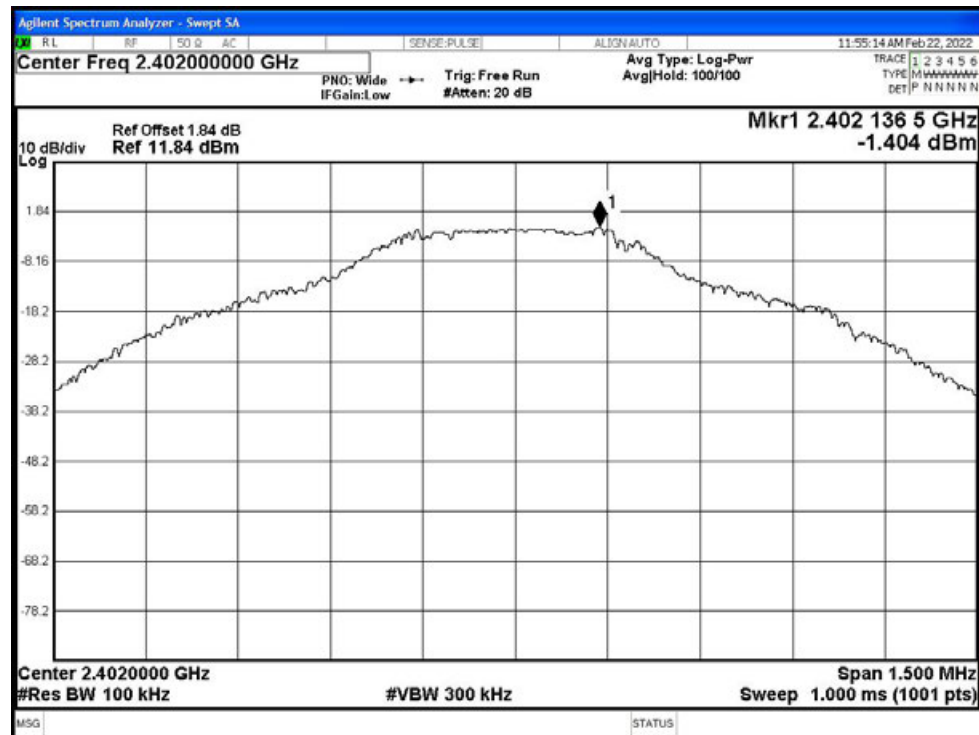
A.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max. Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.68	≤ -20	Pass
NVNT	1-DH5	2441	Ant1	-55.4	≤ -20	Pass
NVNT	1-DH5	2480	Ant1	-54.47	≤ -20	Pass
NVNT	2-DH5	2402	Ant1	-52.81	≤ -20	Pass
NVNT	2-DH5	2441	Ant1	-53.04	≤ -20	Pass
NVNT	2-DH5	2480	Ant1	-53.84	≤ -20	Pass

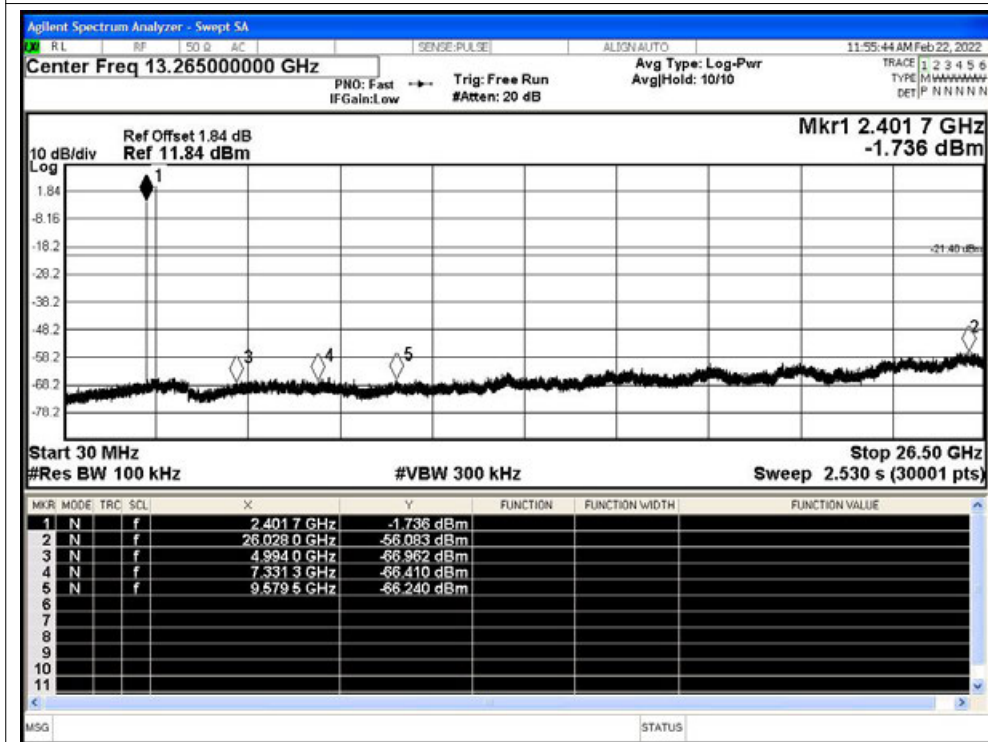


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

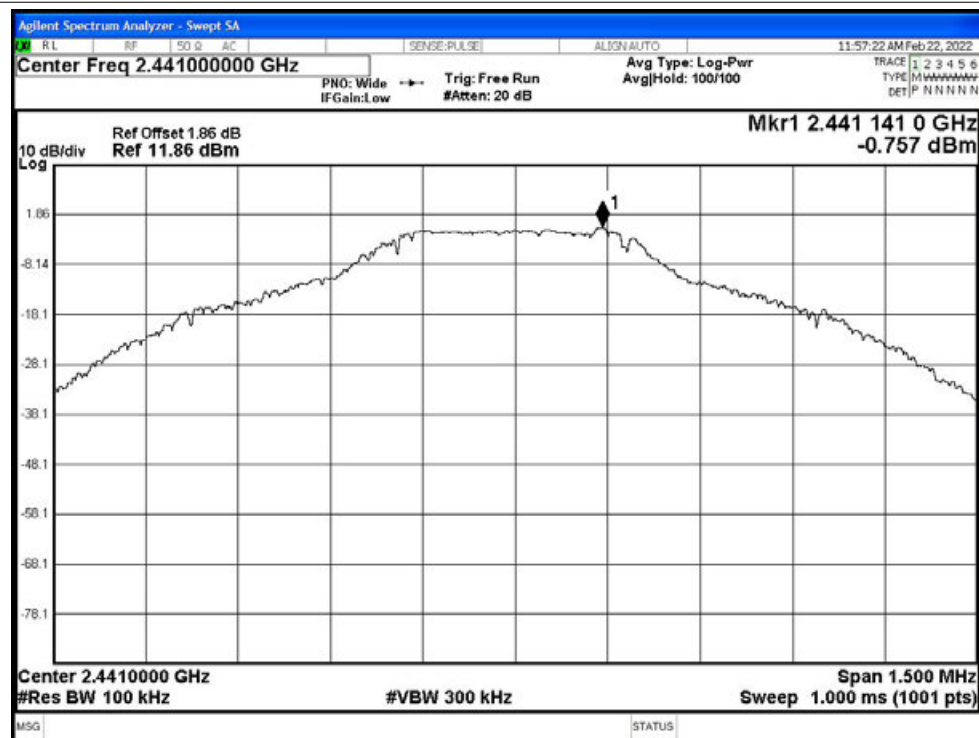


Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission

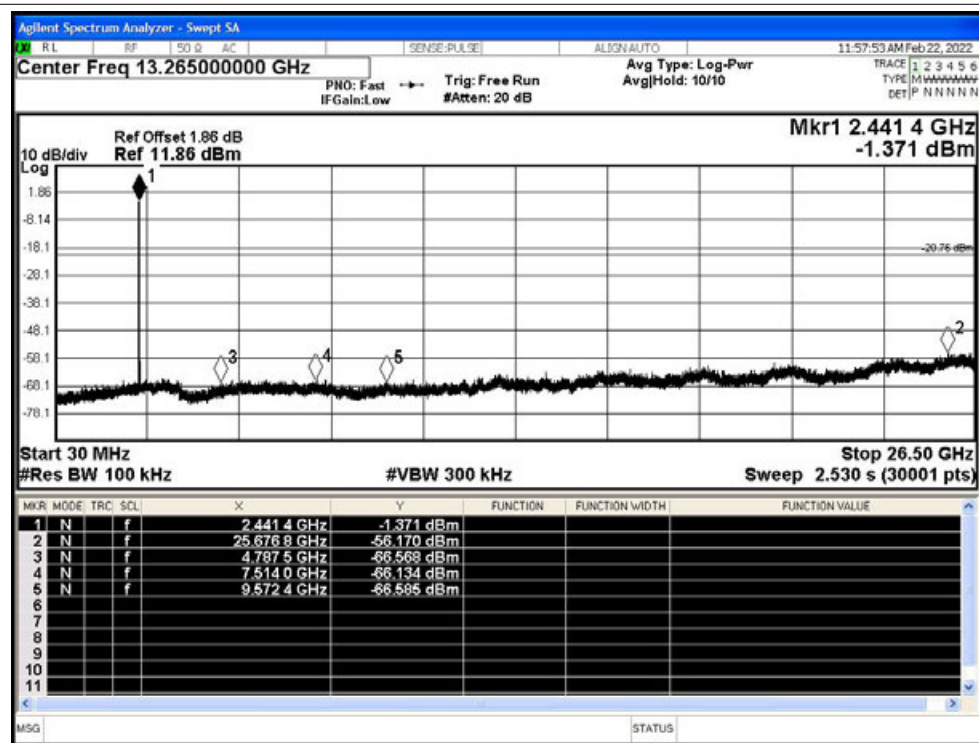




Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

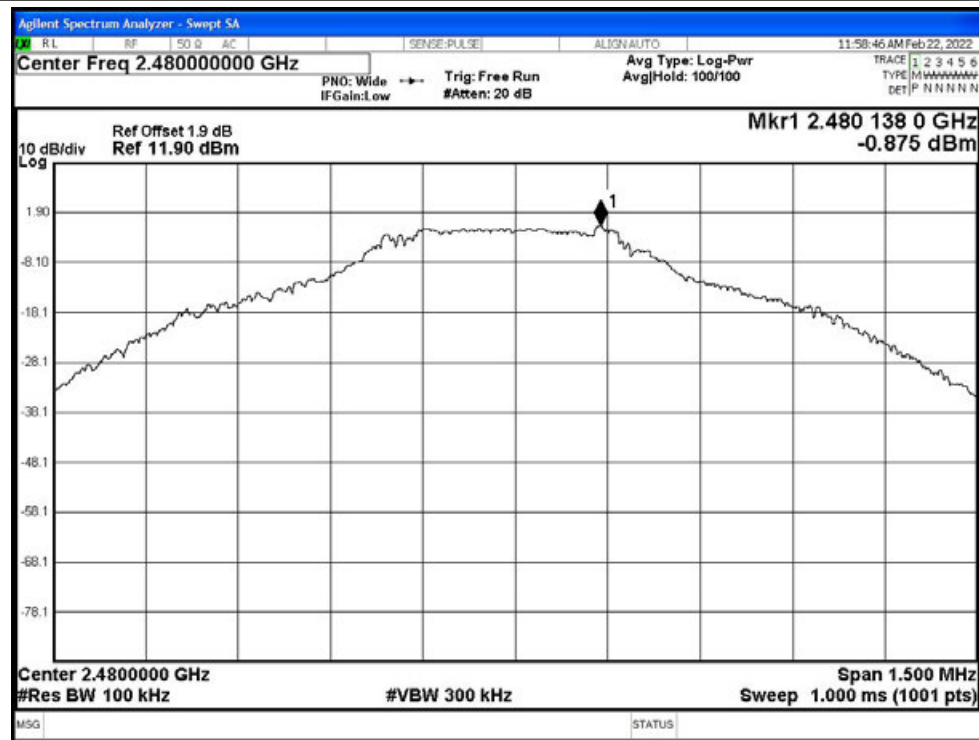


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

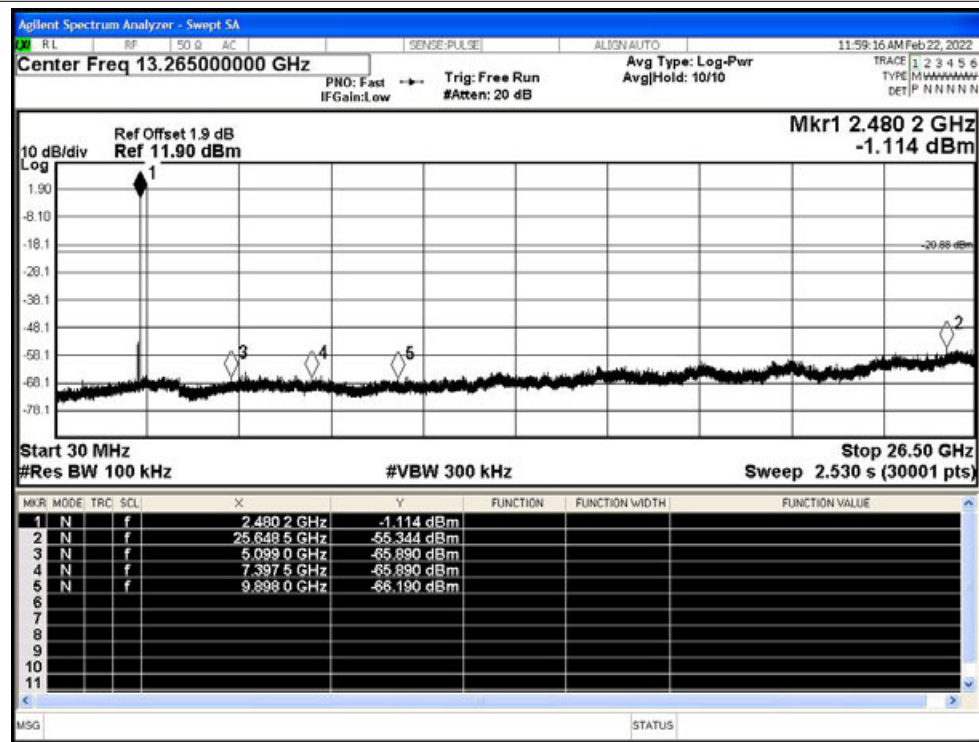




Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref

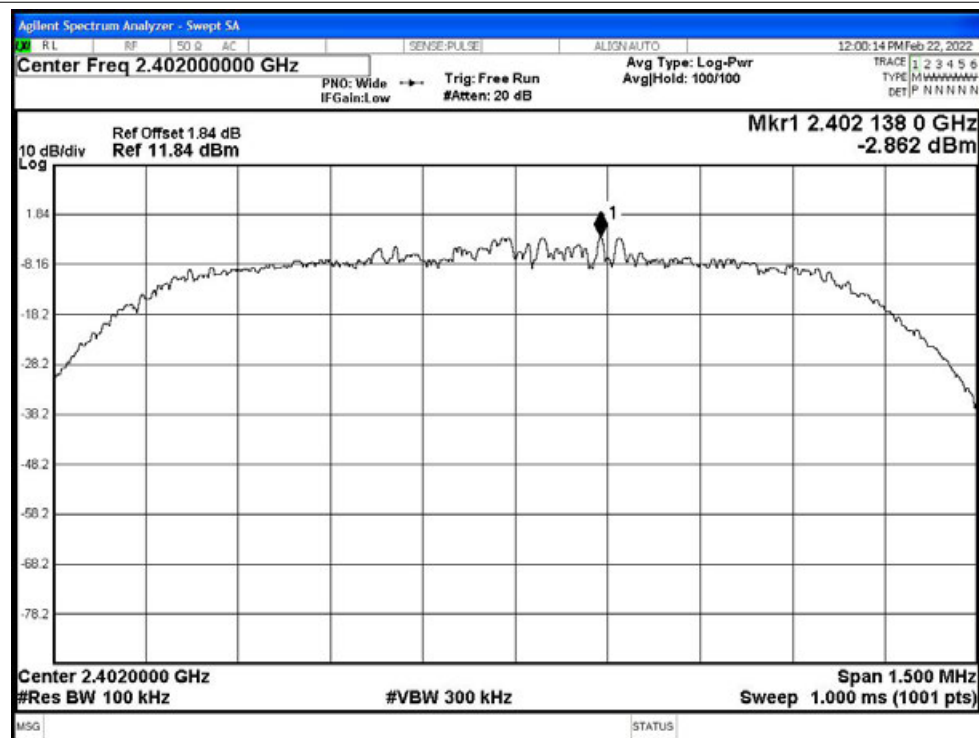


Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission

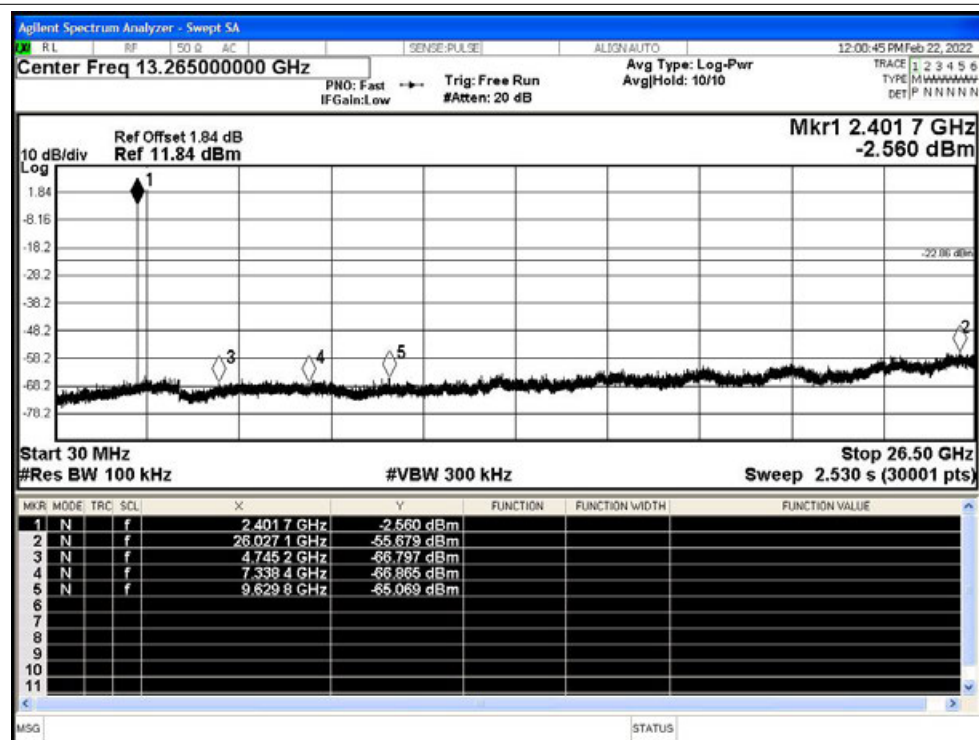




Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref

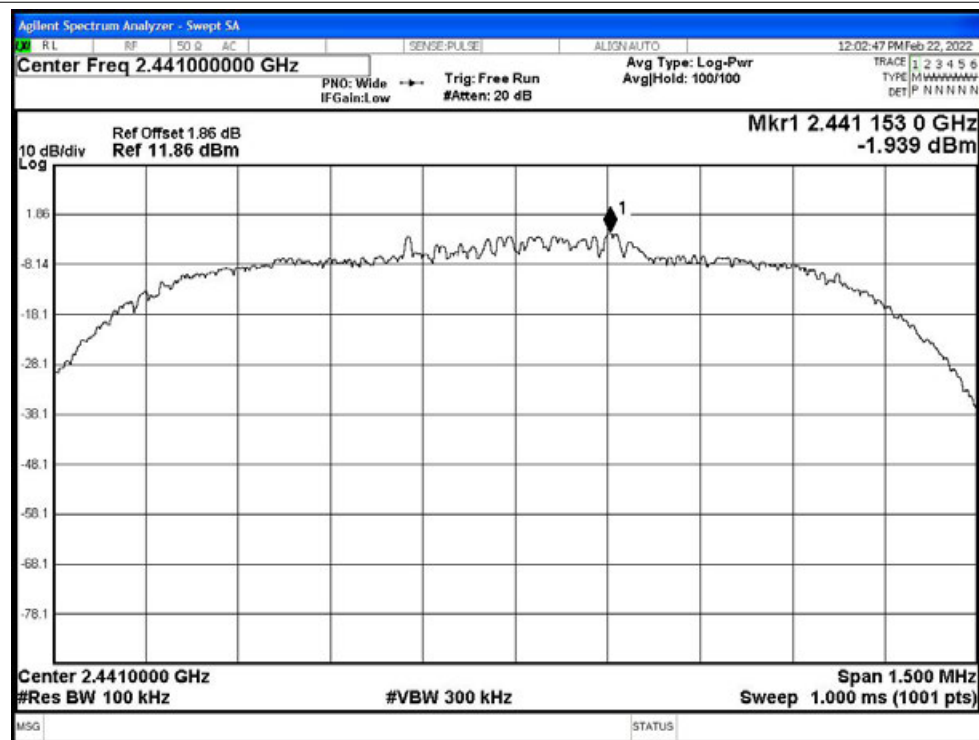


Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission

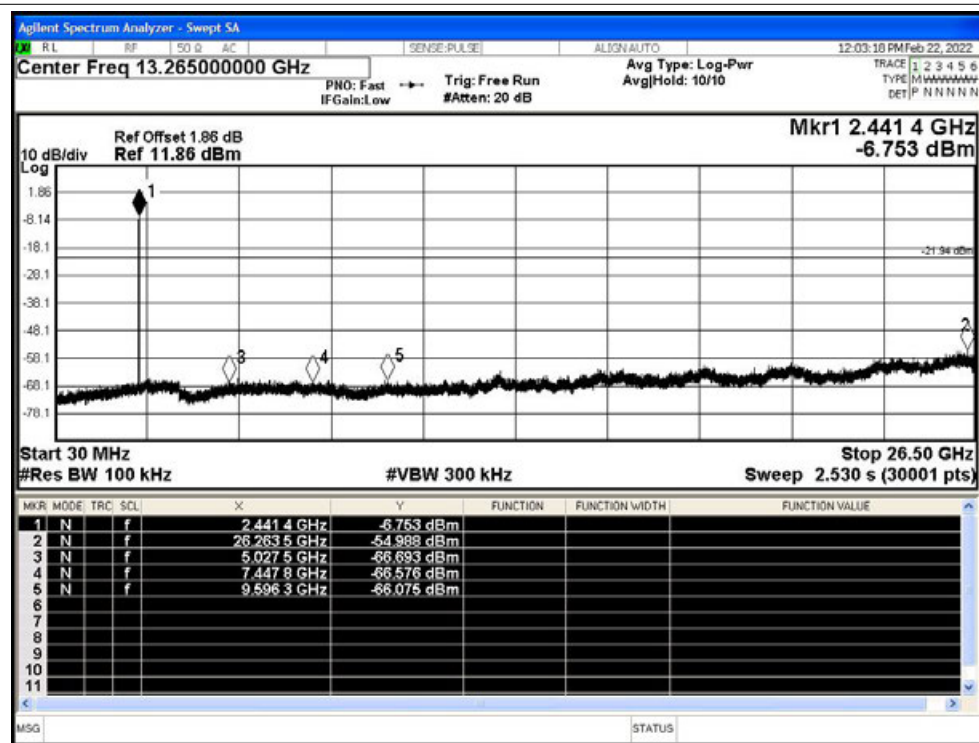




Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

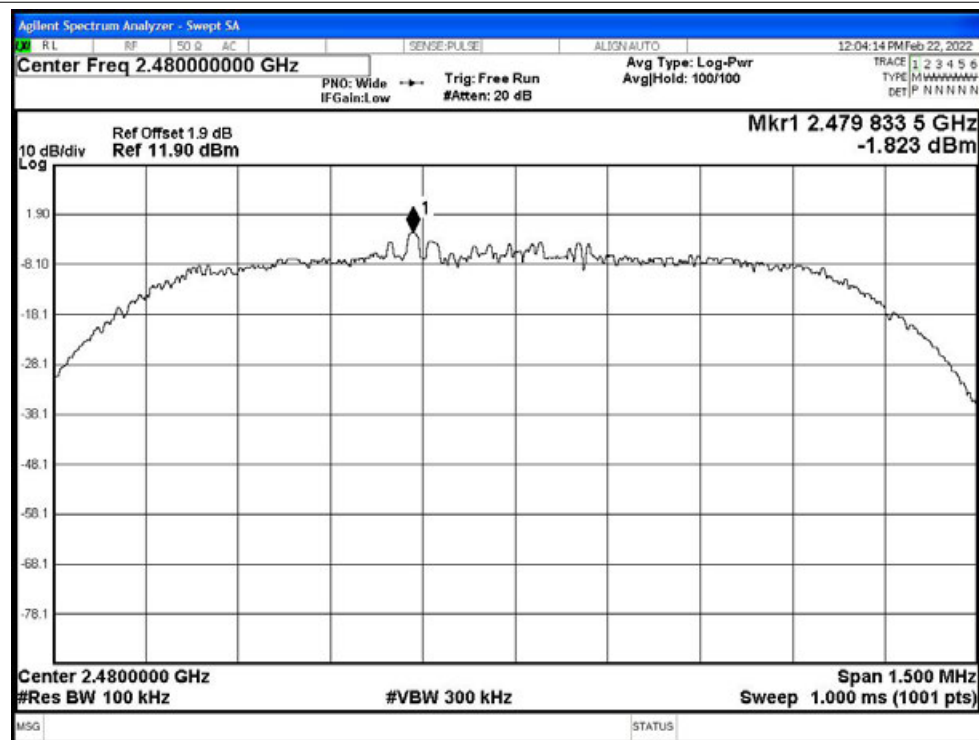


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

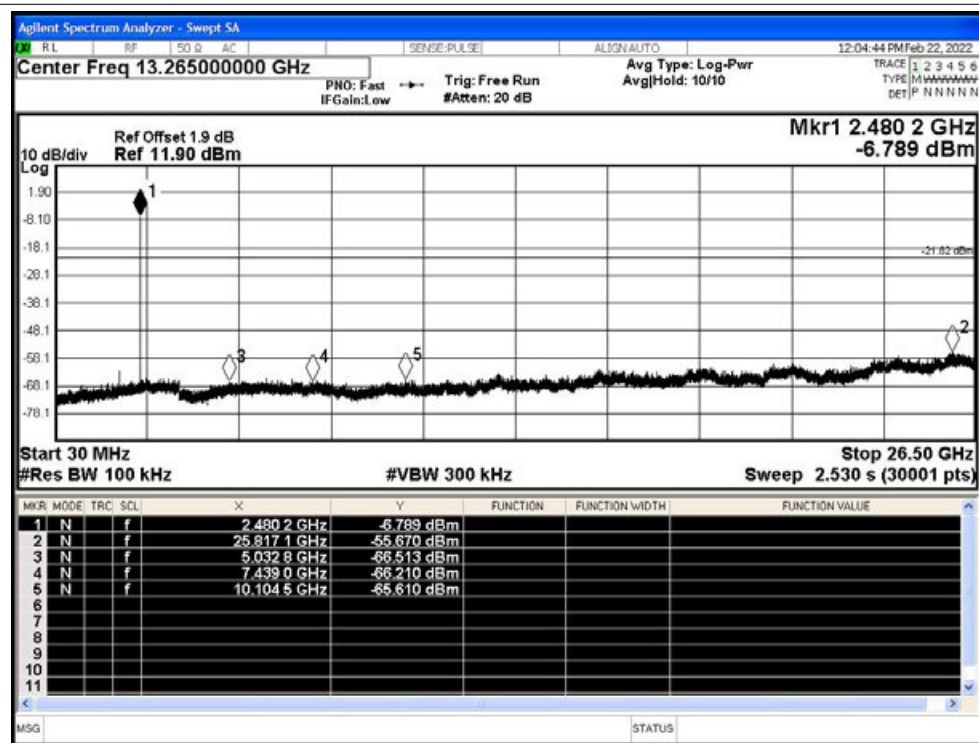




Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



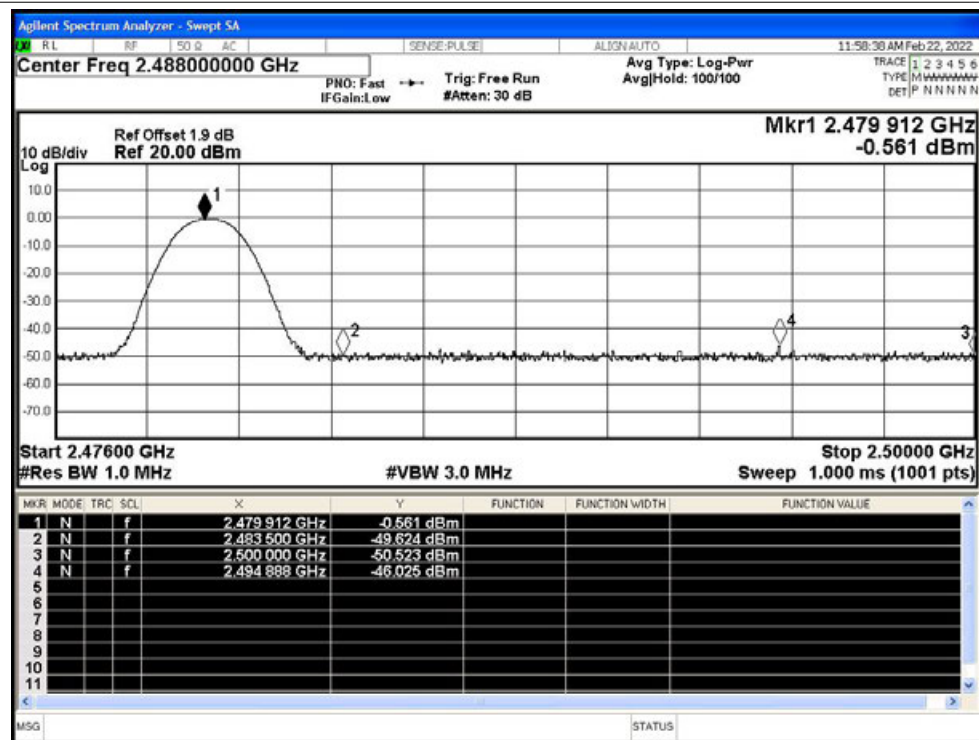


A.8 Restrict Band

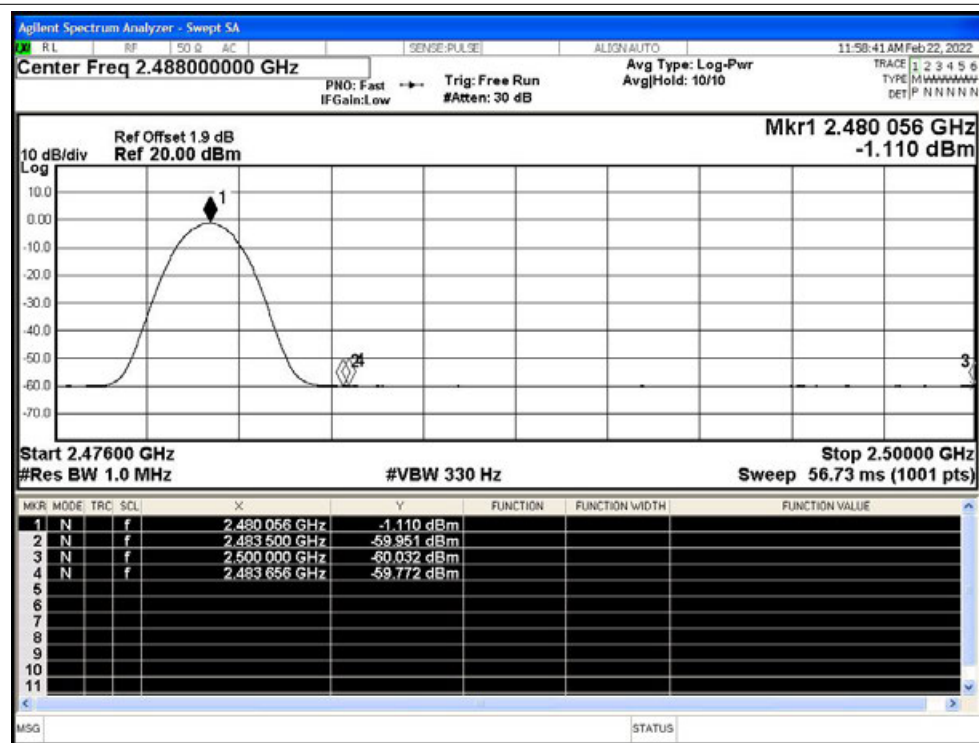
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.29	2	46.97	Peak	≤74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-60.76	2	36.5	Average	≤54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2338.224	-46.77	2	50.49	Peak	≤74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2384.208	-60.11	2	37.15	Average	≤54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.83	2	46.43	Peak	≤74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-60.33	2	36.93	Average	≤54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.62	2	47.64	Peak	≤74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-59.95	2	37.31	Average	≤54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2494.888	-46.02	2	51.24	Peak	≤74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.656	-59.77	2	37.49	Average	≤54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.52	2	46.74	Peak	≤74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-60.03	2	37.23	Average	≤54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-48.48	2	48.78	Peak	≤74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-60.69	2	36.57	Average	≤54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2332.656	-47.76	2	49.5	Peak	≤74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2378.256	-60.19	2	37.07	Average	≤54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.99	2	47.27	Peak	≤74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-60.42	2	36.84	Average	≤54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.76	2	48.5	Peak	≤74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-59.82	2	37.44	Average	≤54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2486.656	-47.26	2	50	Peak	≤74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-59.82	2	37.44	Average	≤54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.8	2	46.46	Peak	≤74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-60.03	2	37.23	Average	≤54	Pass



Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak

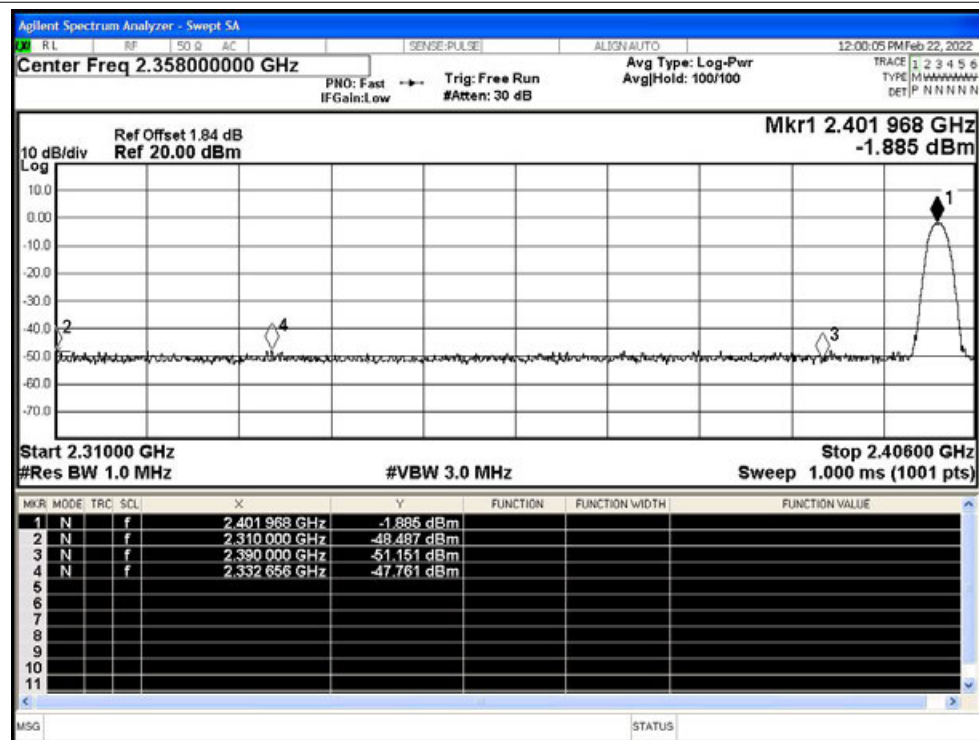


Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average

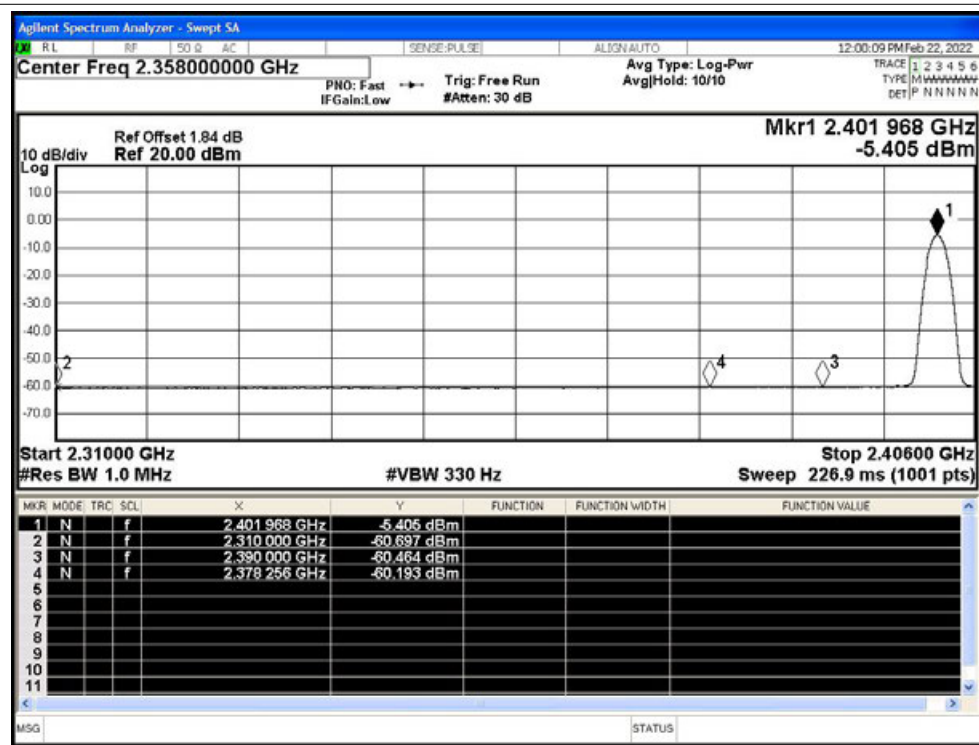




Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak

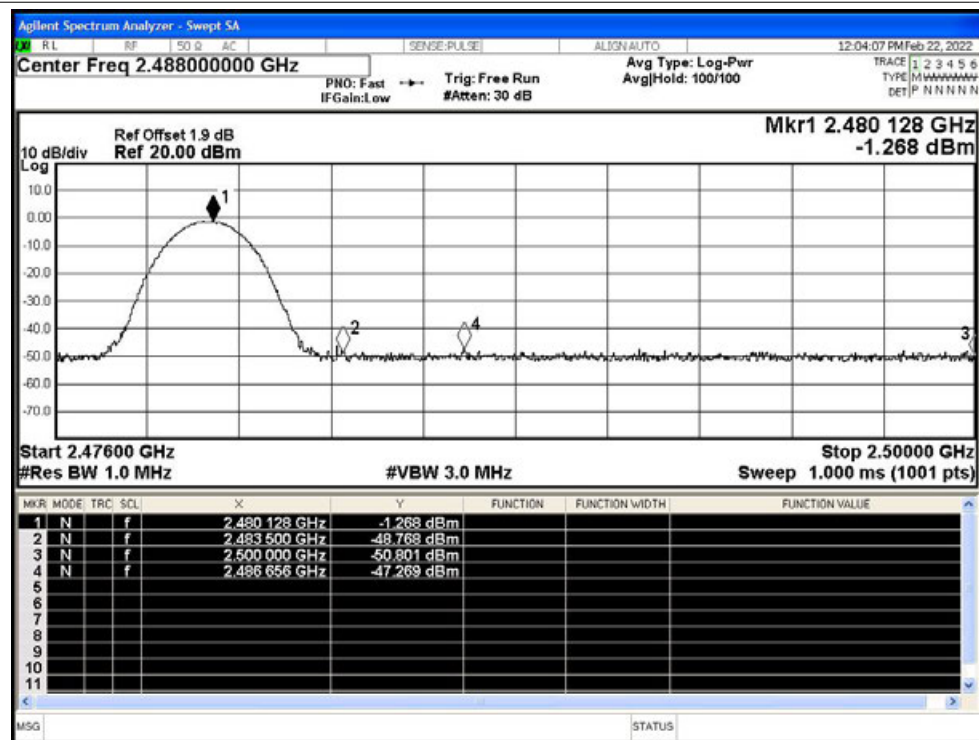


Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average





Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average

