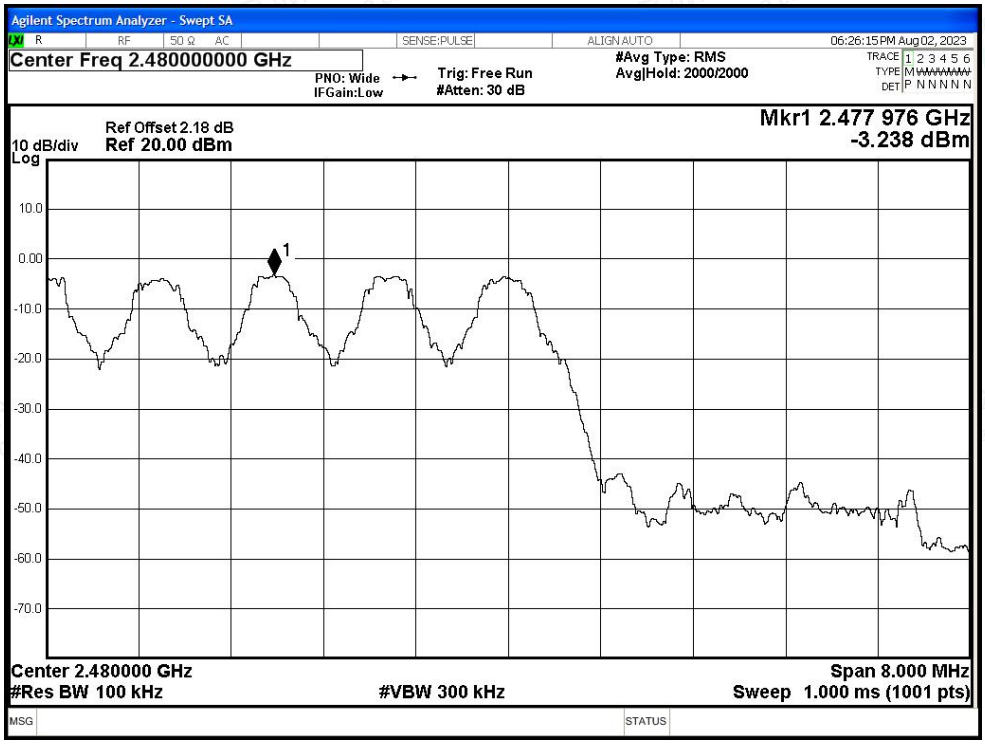
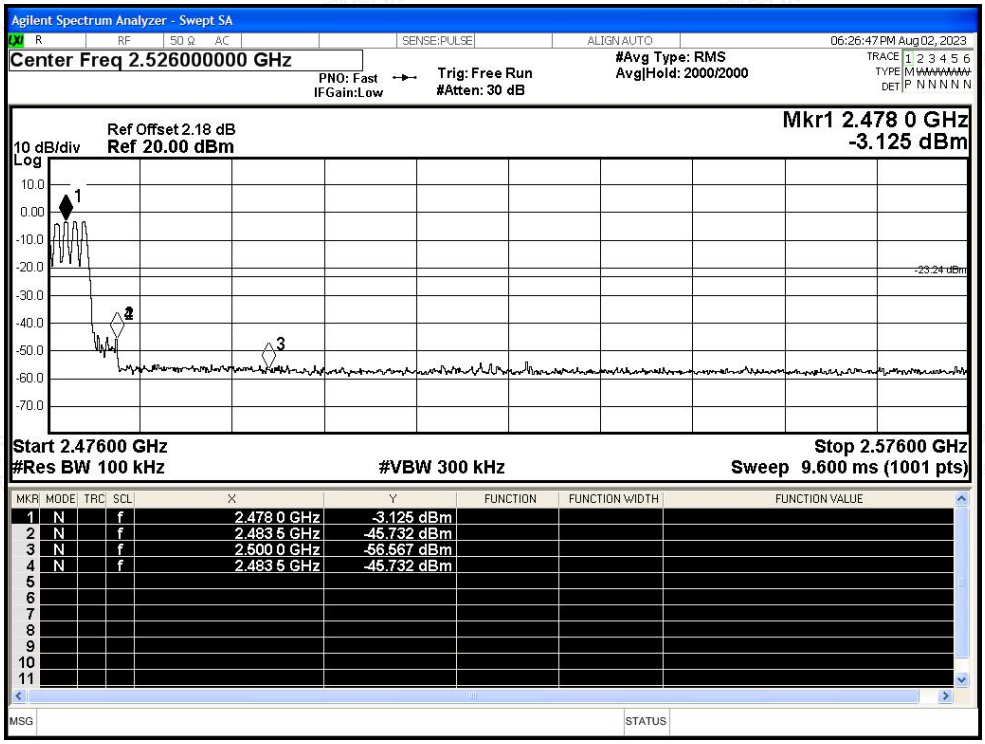
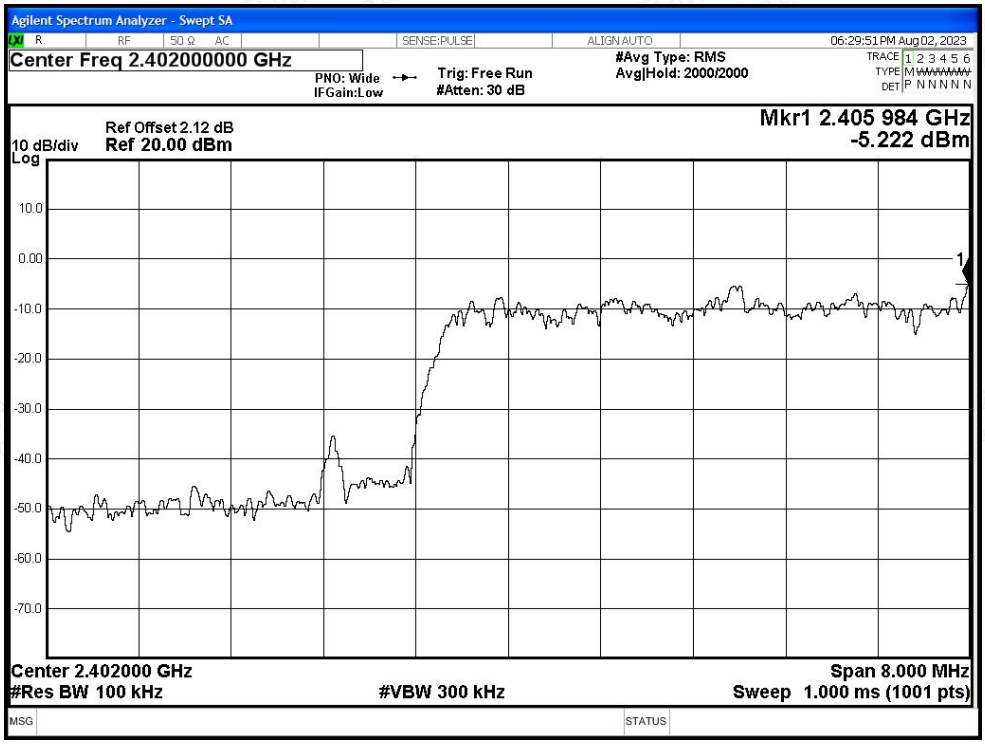
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



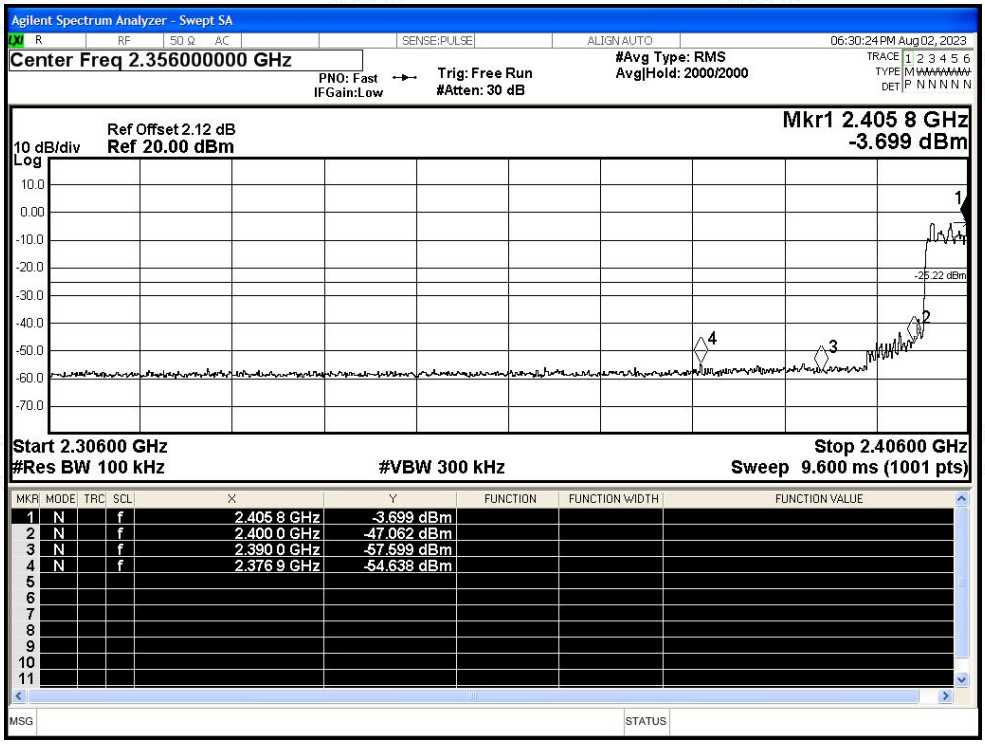
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



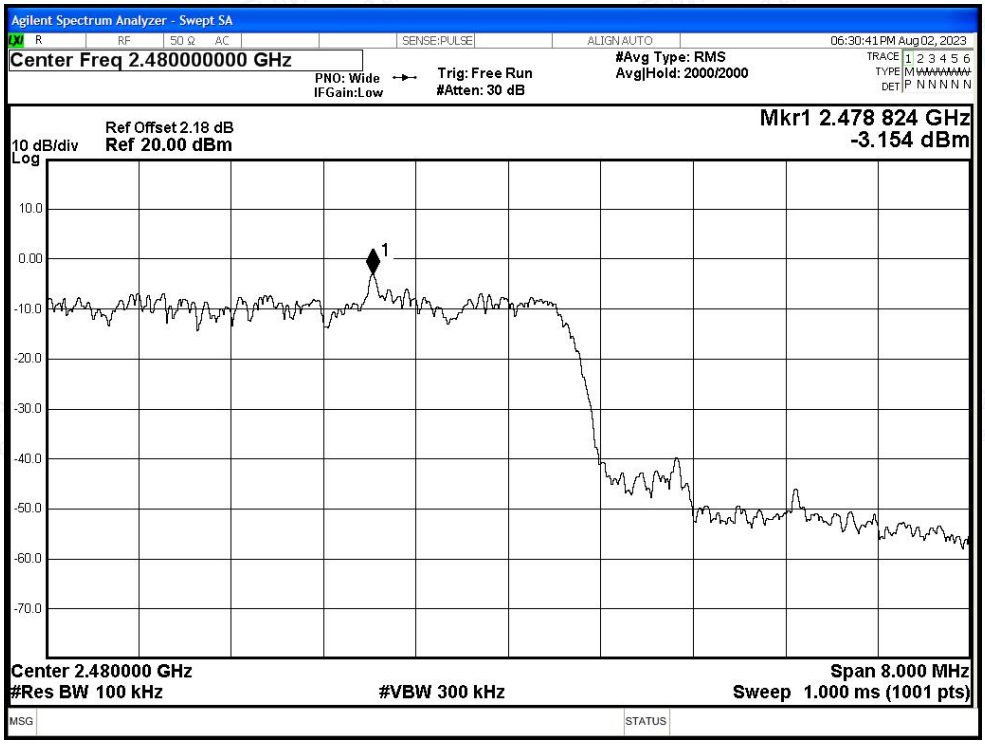
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



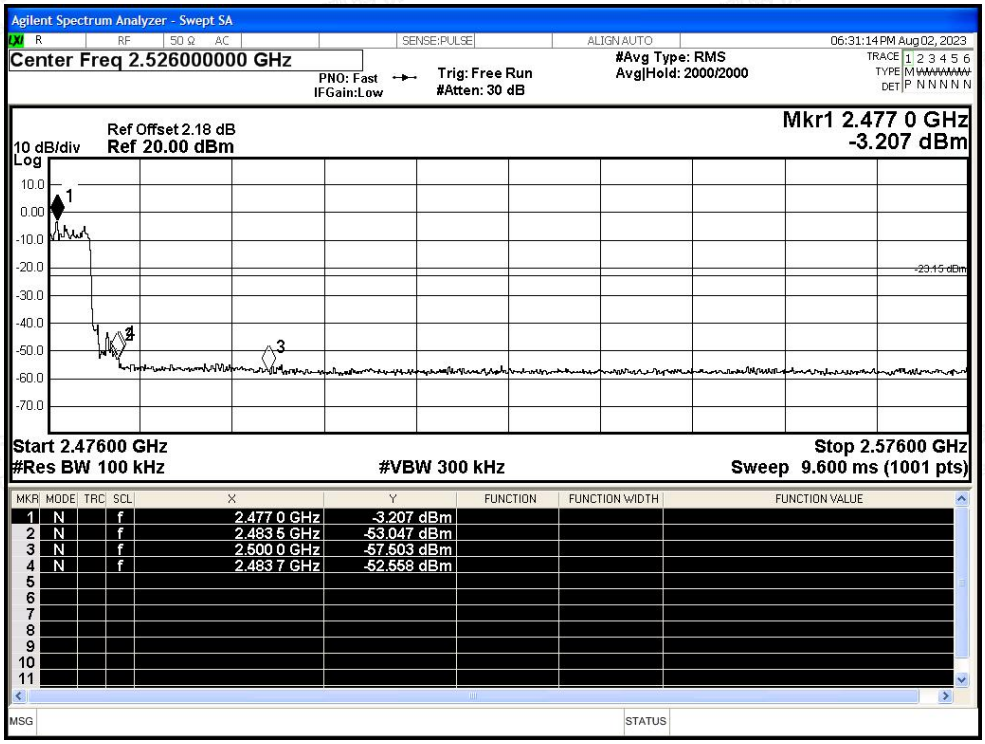
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



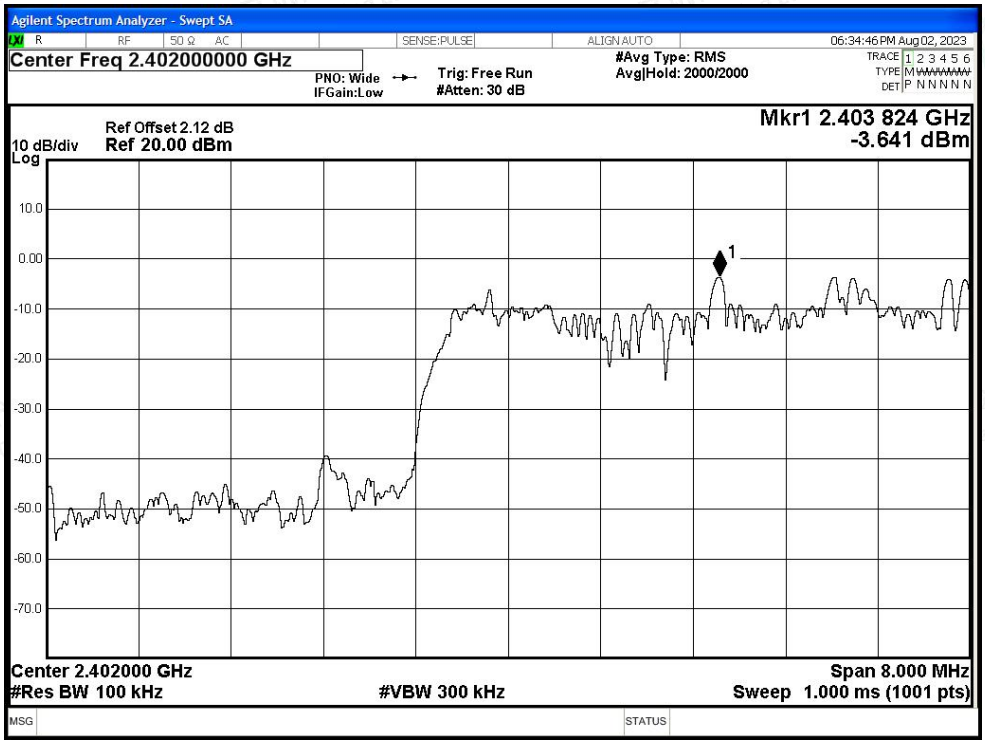
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



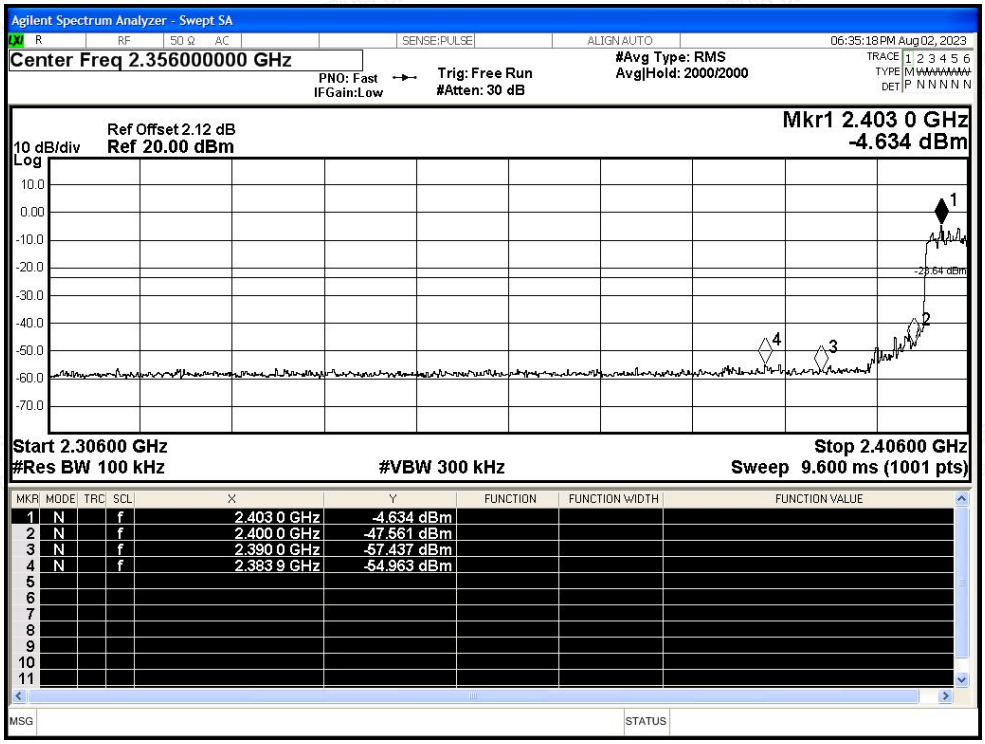
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



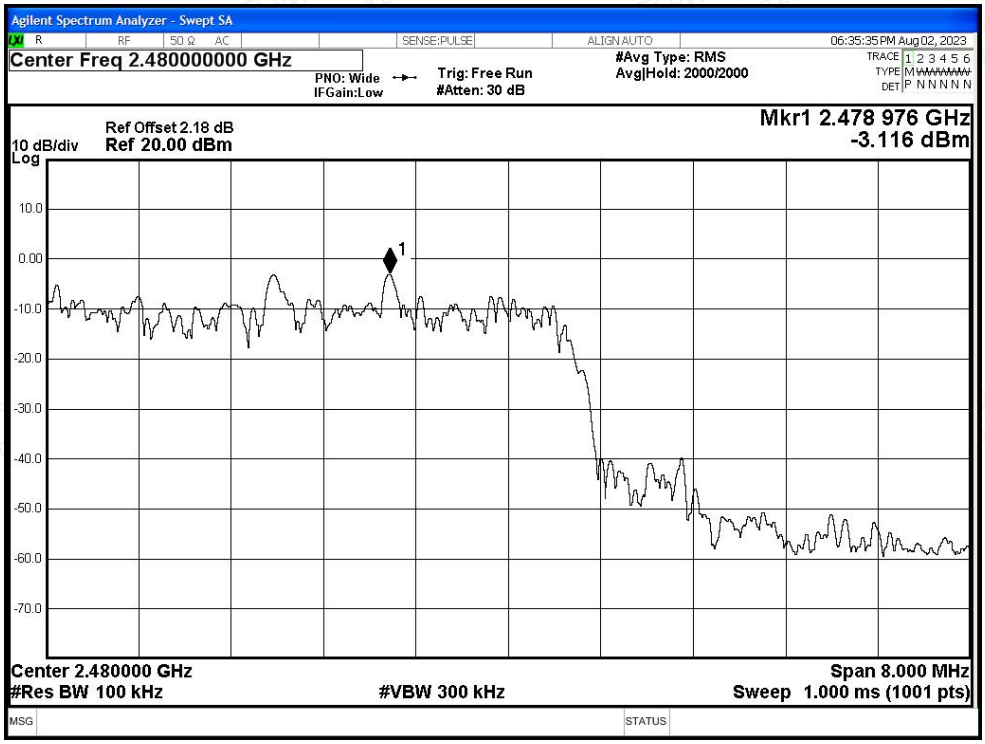
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



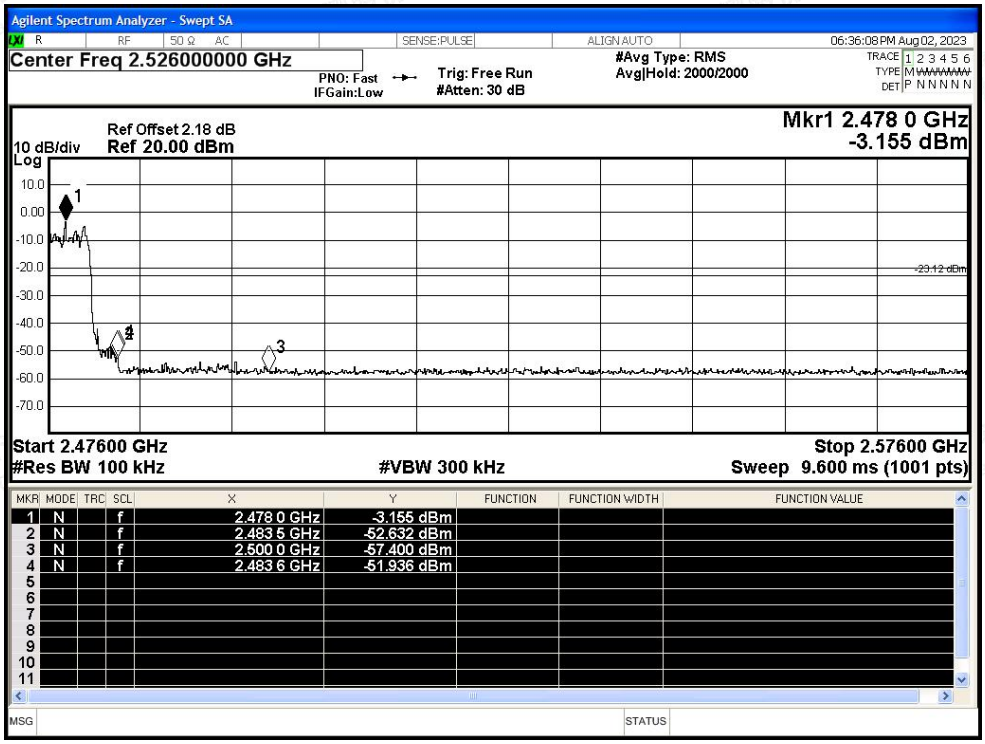
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

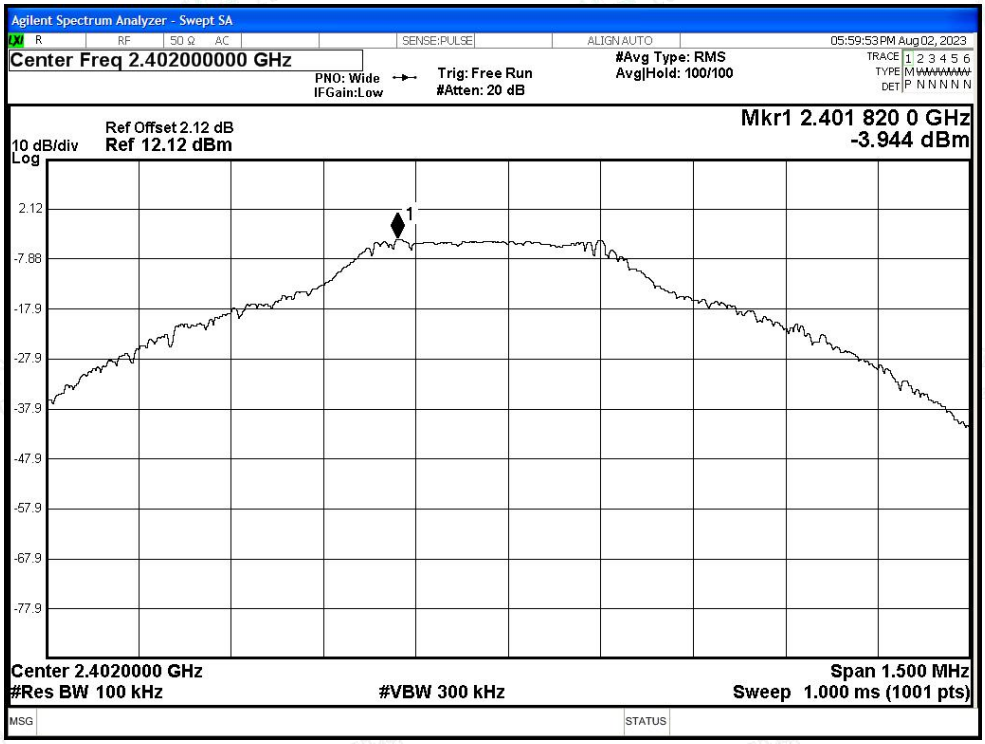


A.7 Conducted RF Spurious Emission

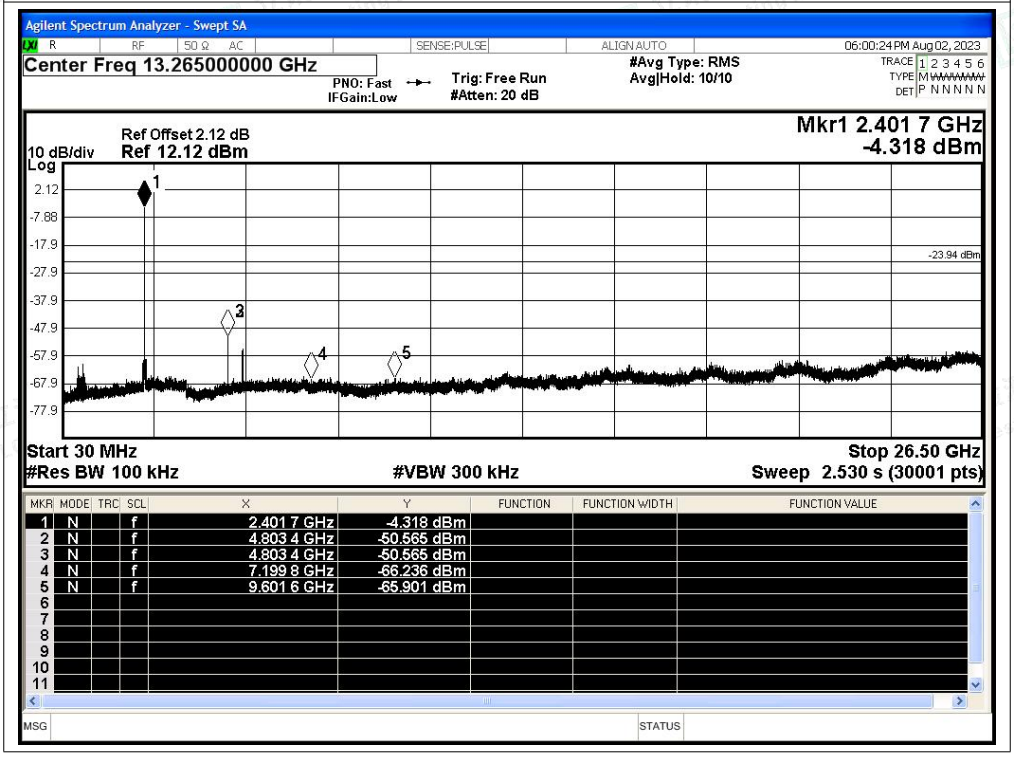
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.62	-20	Pass
NVNT	1-DH5	2441	Ant1	-45.76	-20	Pass
NVNT	1-DH5	2480	Ant1	-44.15	-20	Pass
NVNT	2-DH5	2402	Ant1	-50.94	-20	Pass
NVNT	2-DH5	2441	Ant1	-44.82	-20	Pass
NVNT	2-DH5	2480	Ant1	-45.38	-20	Pass
NVNT	3-DH5	2402	Ant1	-43.04	-20	Pass
NVNT	3-DH5	2441	Ant1	-46.72	-20	Pass
NVNT	3-DH5	2480	Ant1	-51.02	-20	Pass

Test Graphs

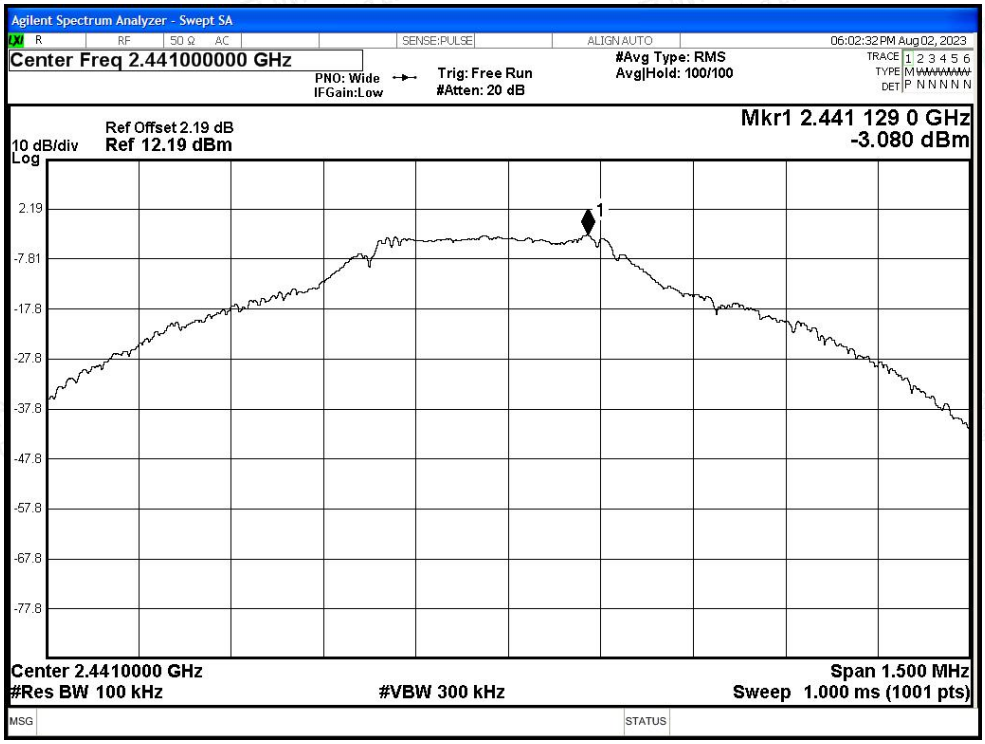
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



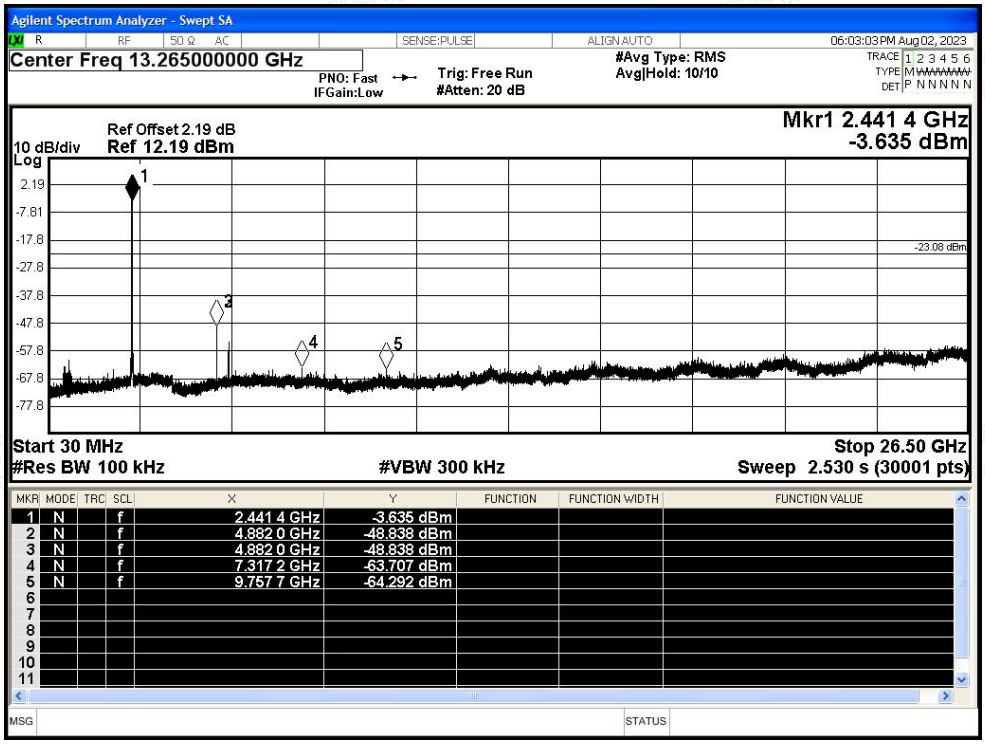
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref

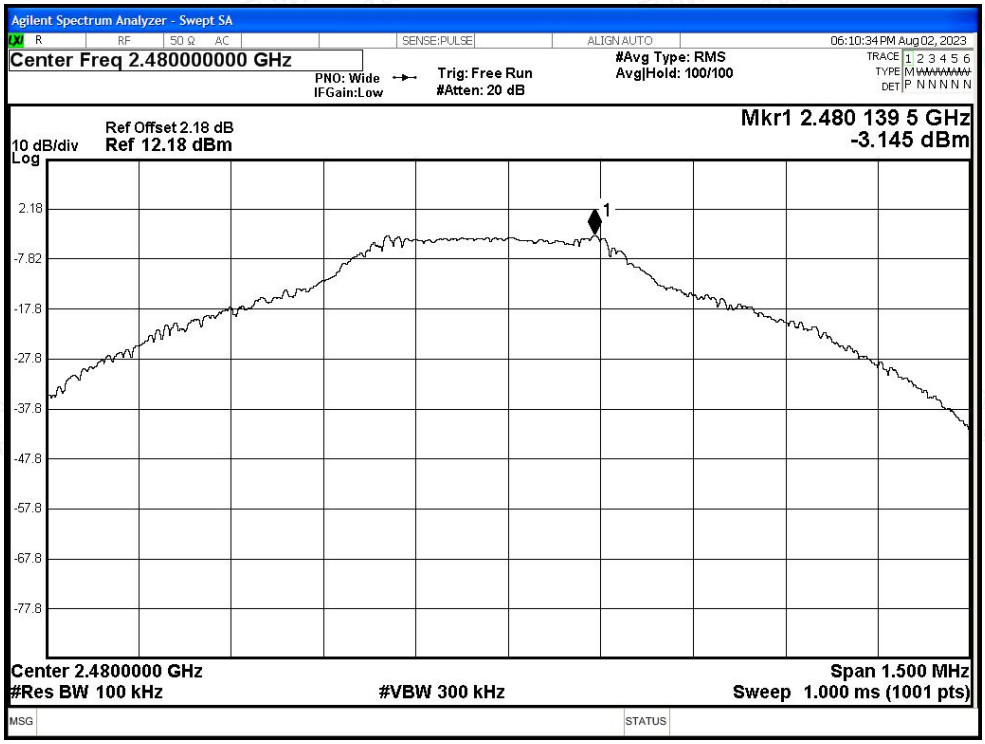


Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission

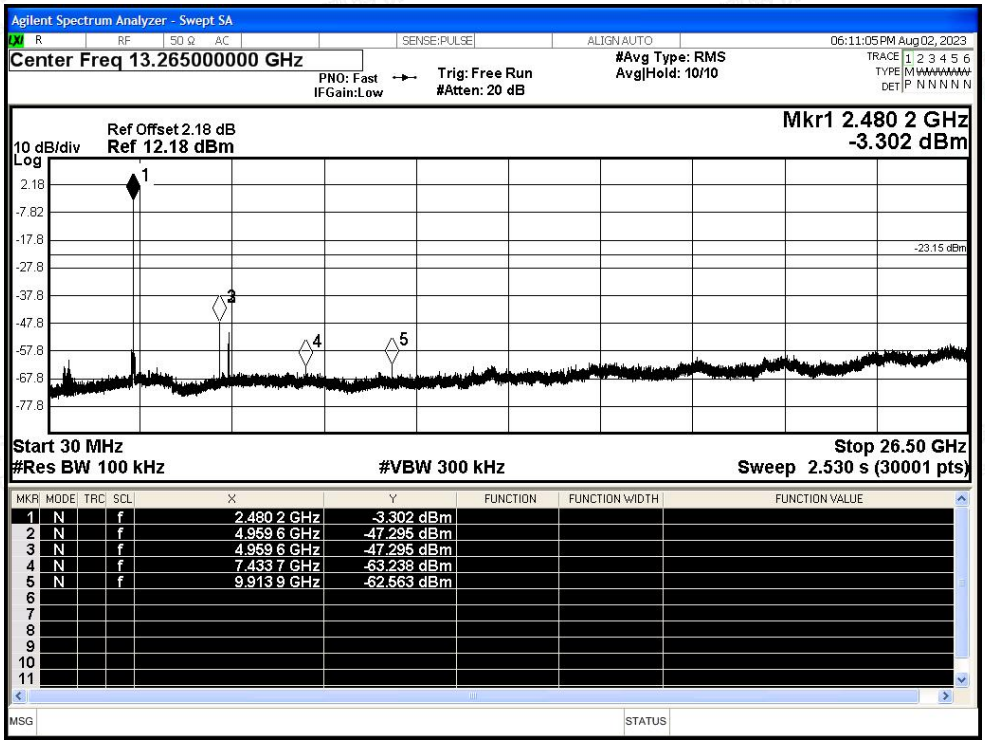


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.441 4 GHz	-3.635 dBm			
2	N		f	4.882 0 GHz	-48.838 dBm			
3	N		f	4.882 0 GHz	-48.838 dBm			
4	N		f	7.317 2 GHz	-63.707 dBm			
5	N		f	9.757 7 GHz	-64.292 dBm			
6								
7								
8								
9								
10								
11								

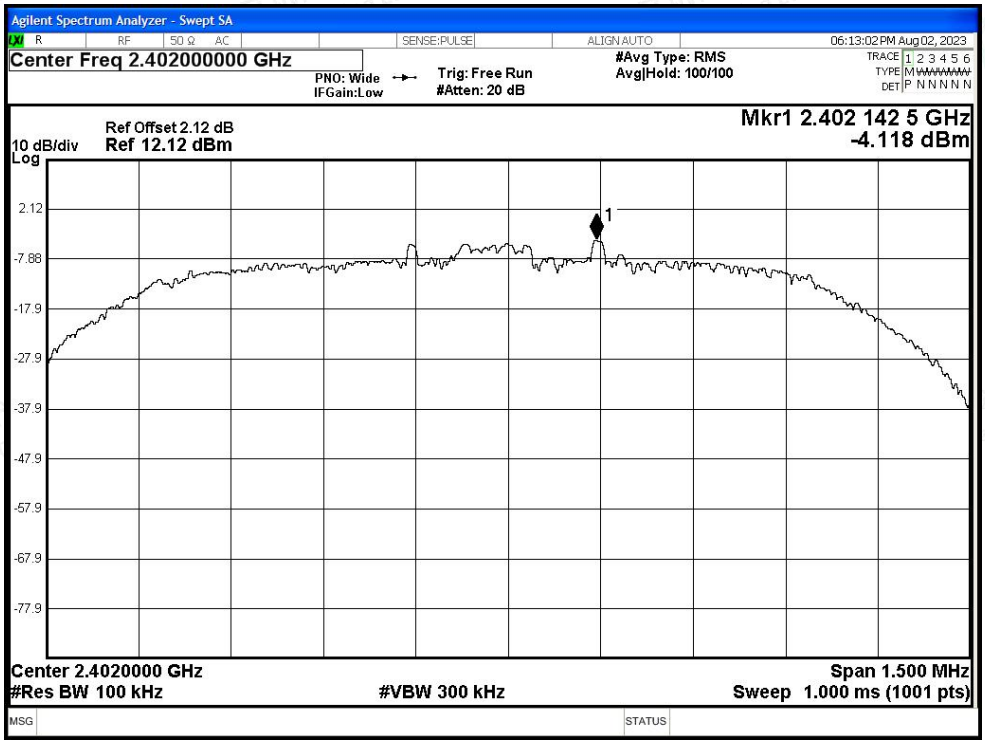
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



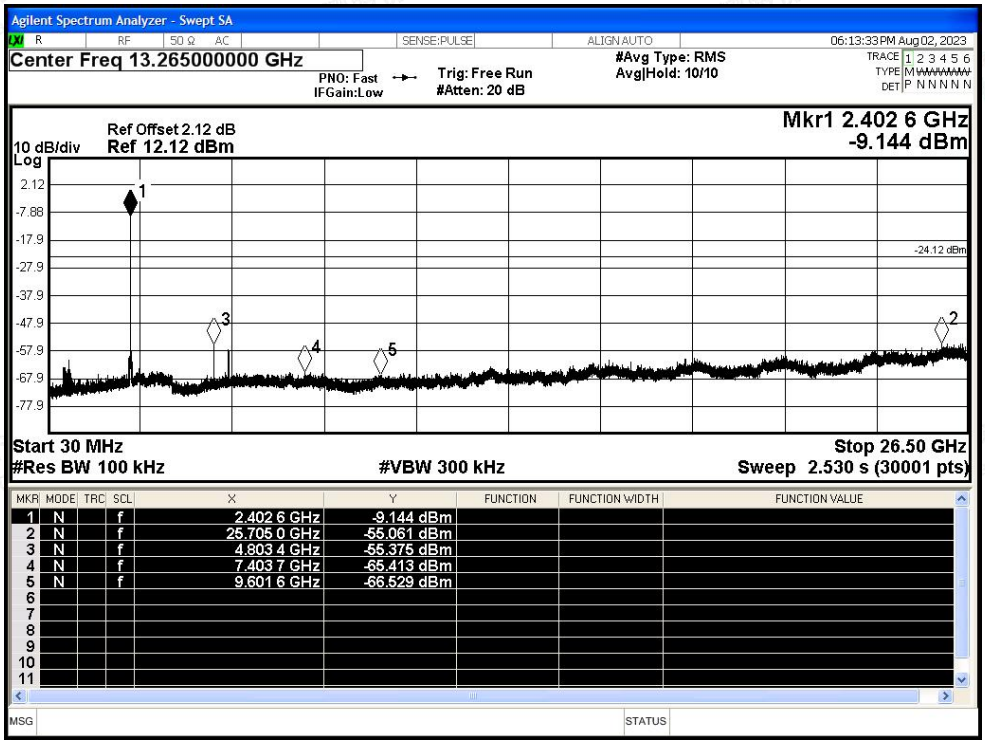
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



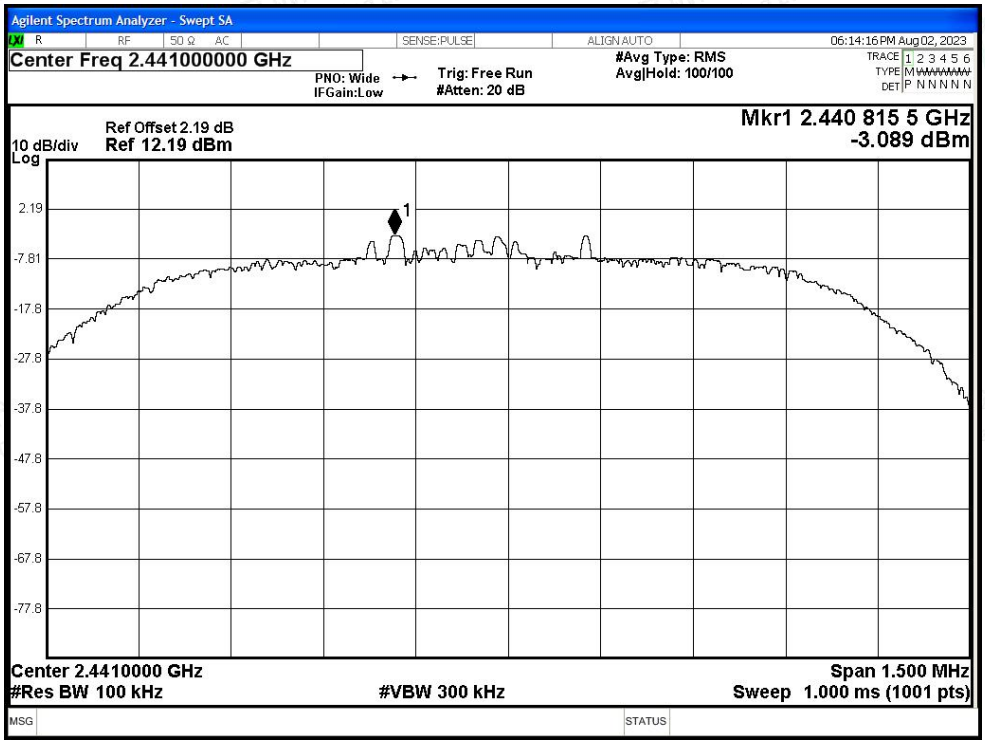
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



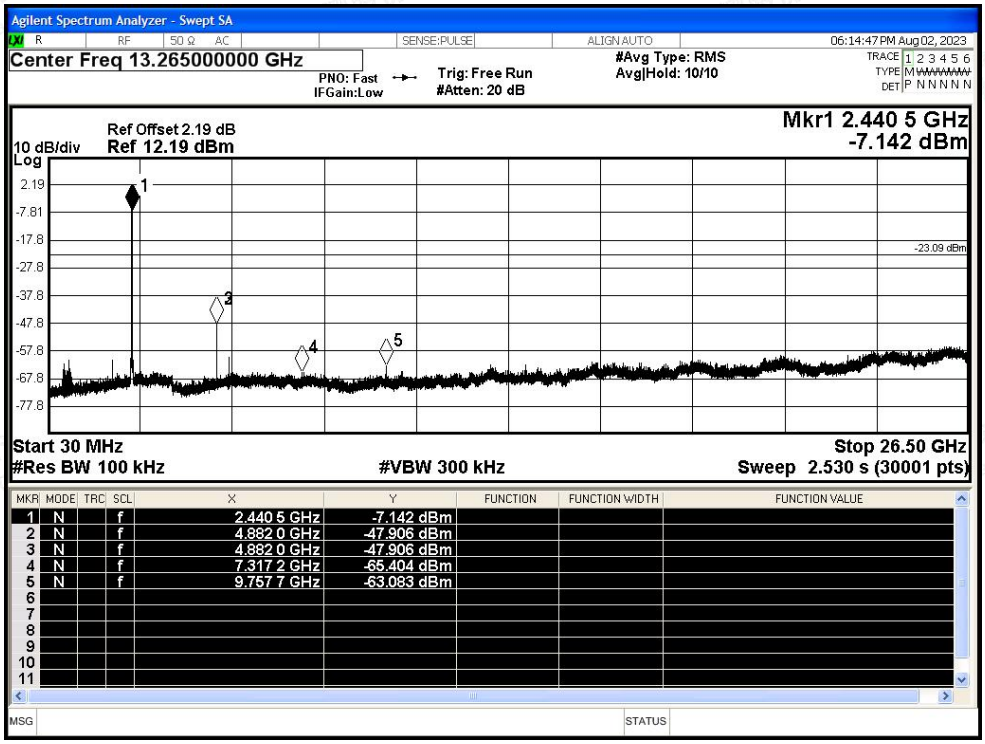
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



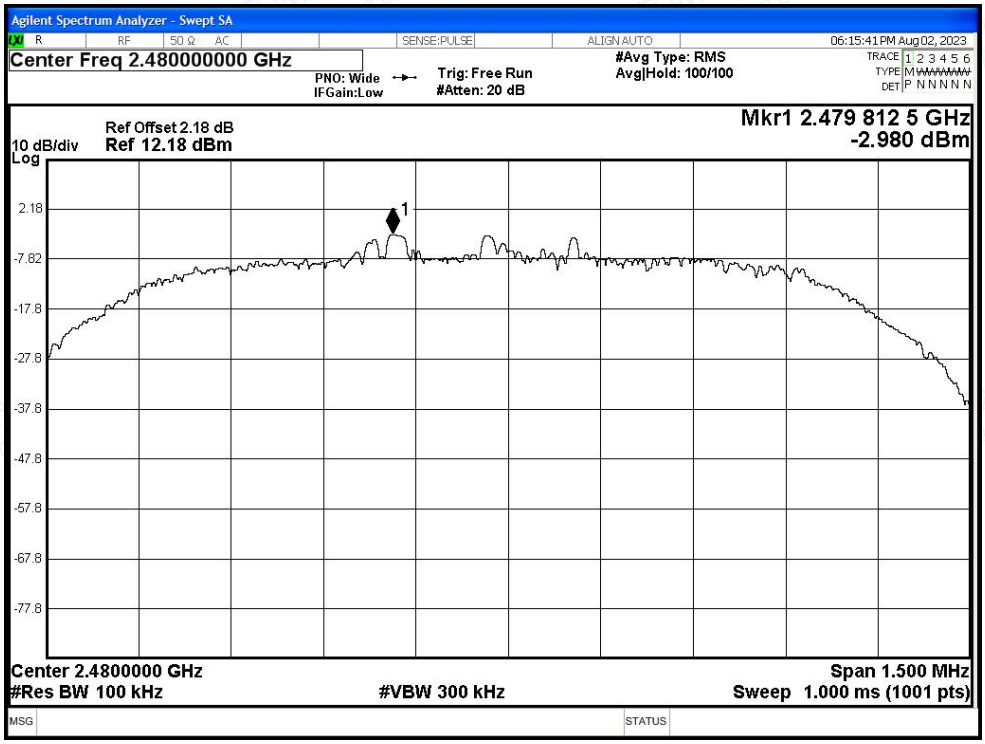
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



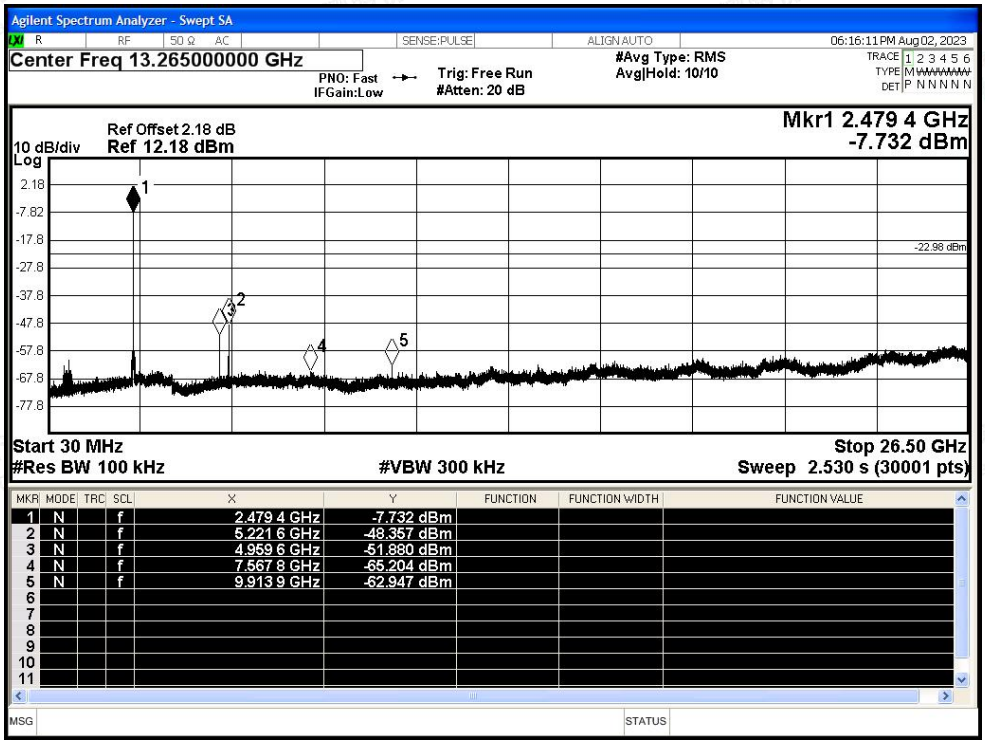
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



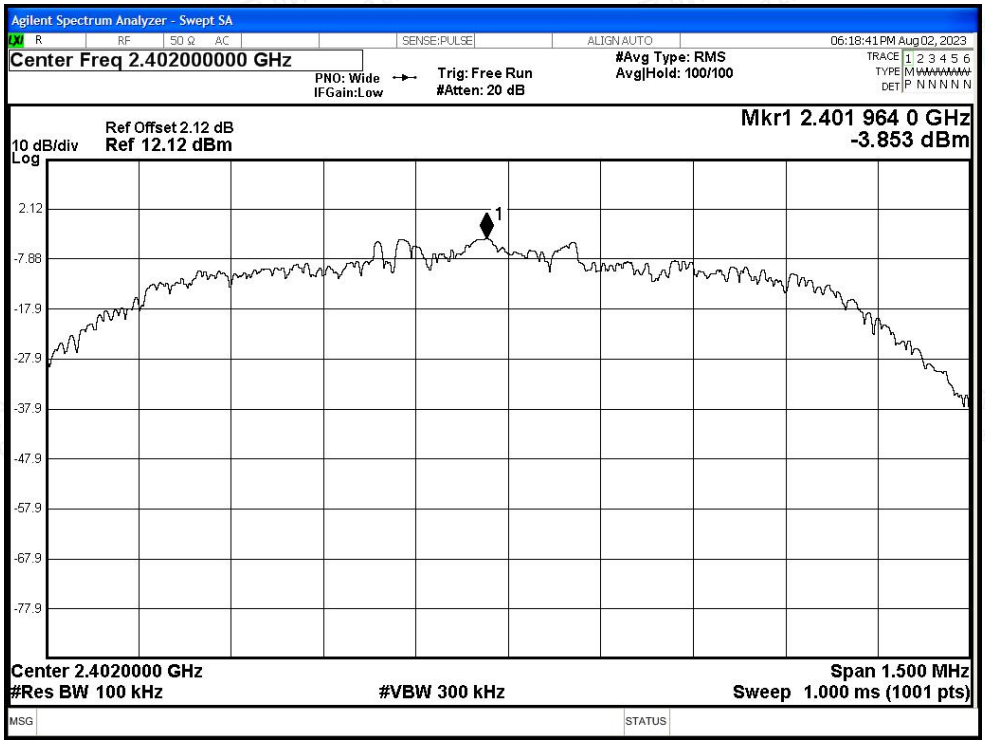
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



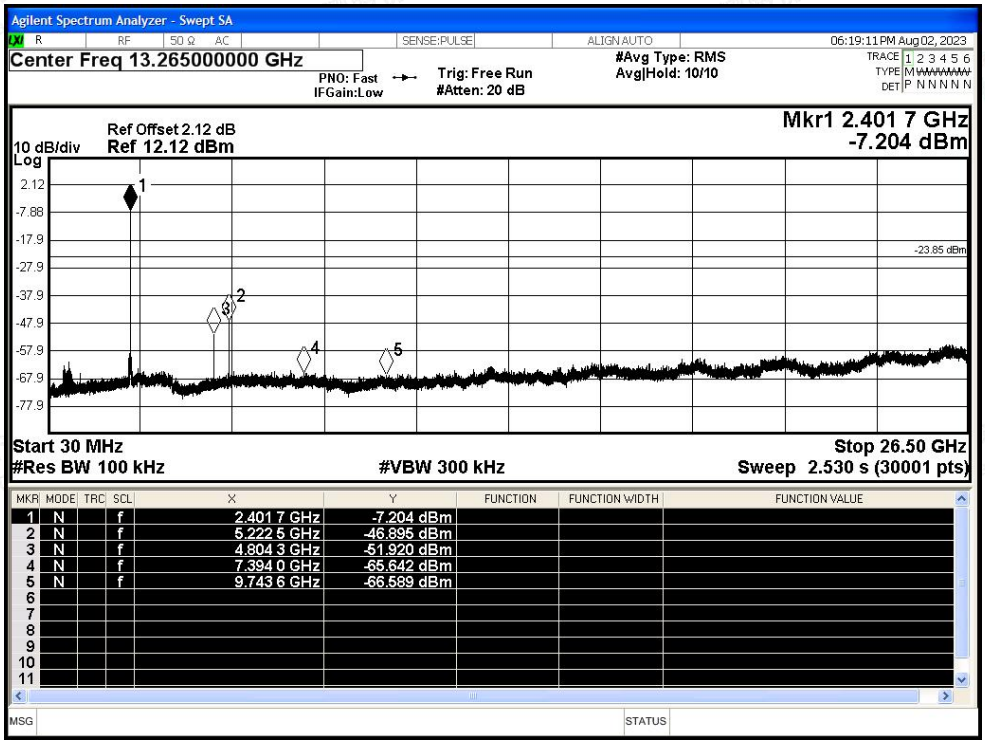
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



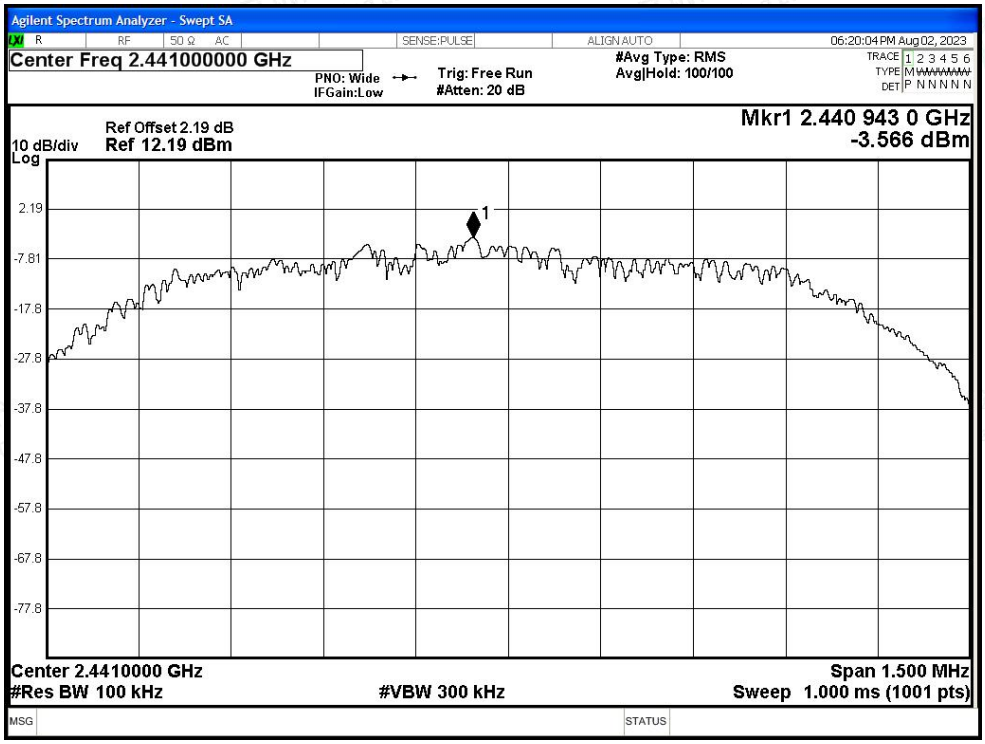
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



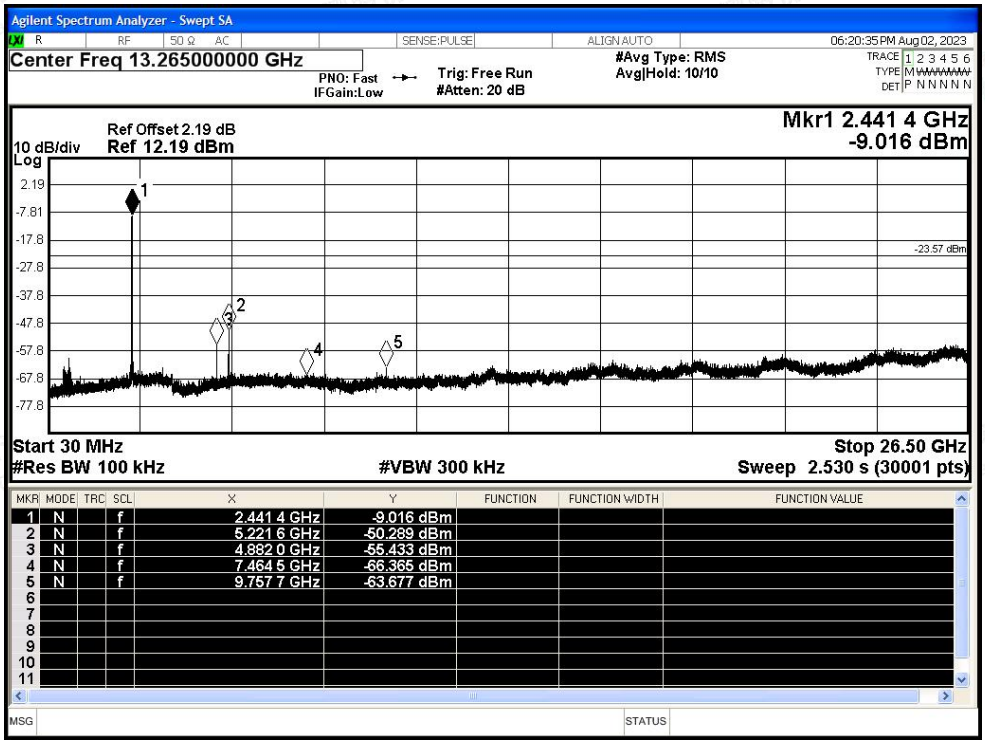
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



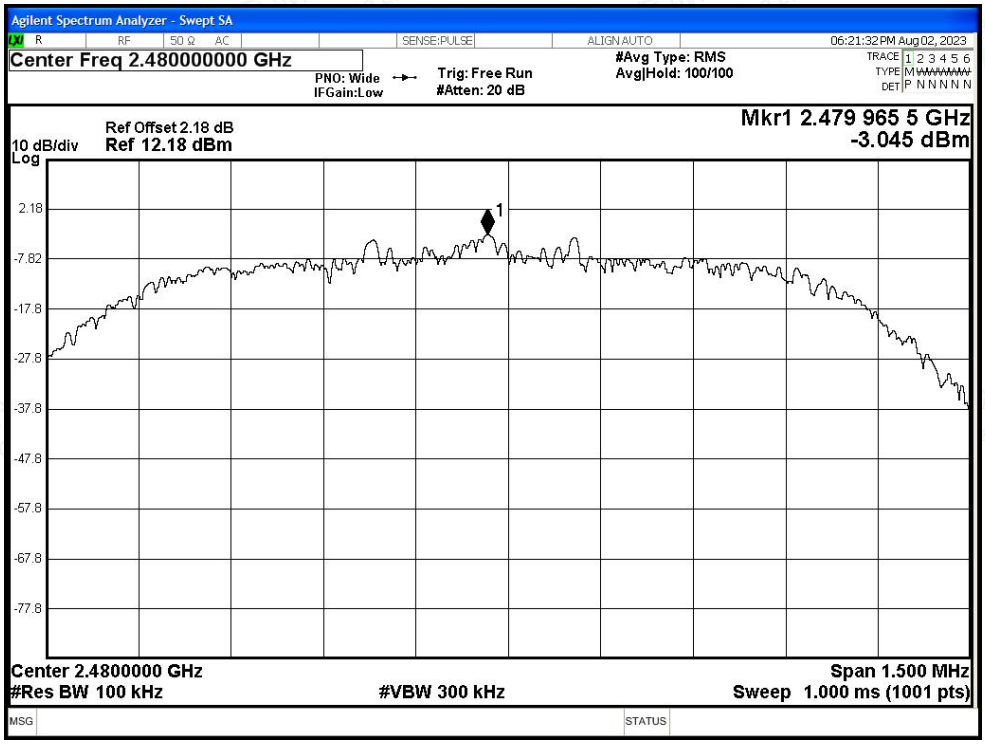
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



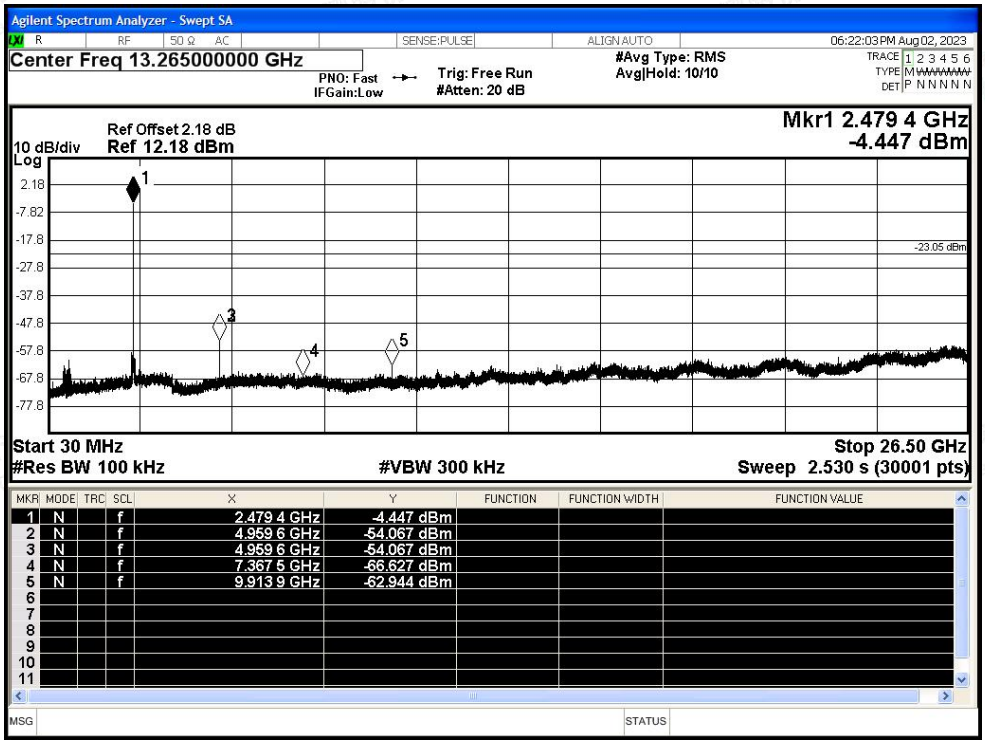
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

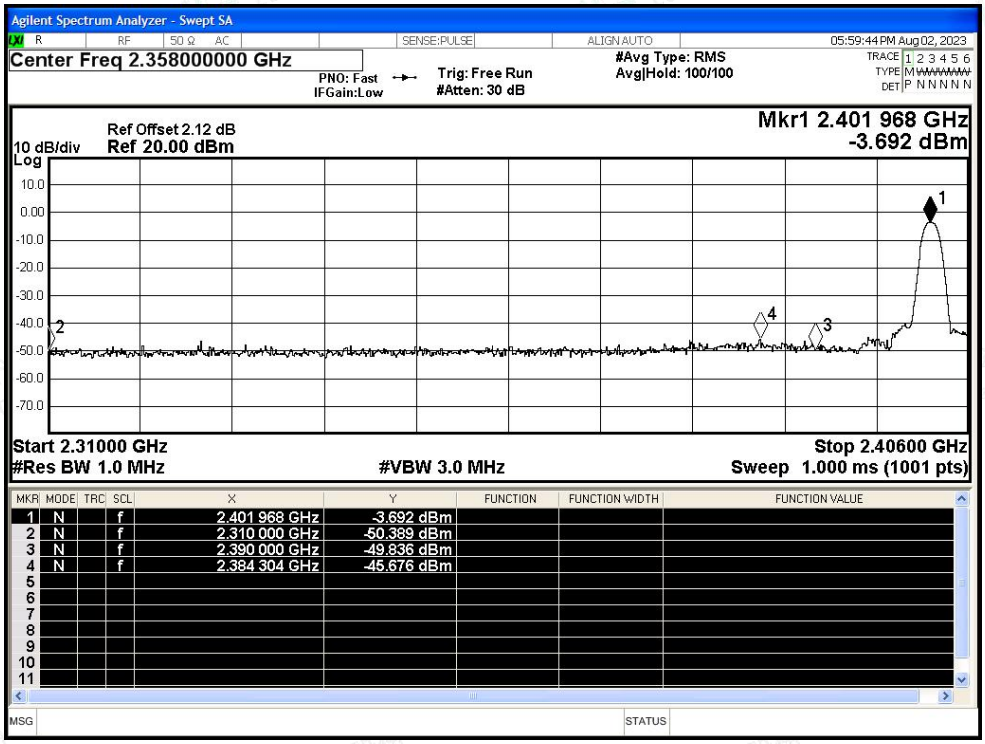


A.8 Restrict Band

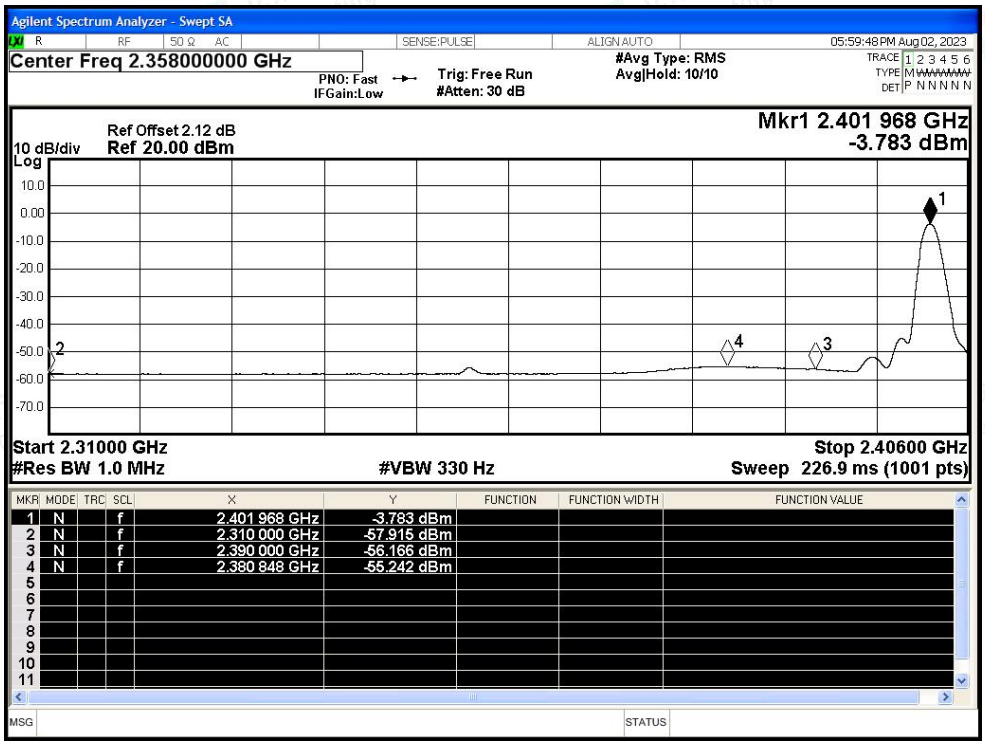
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.39	2	46.87	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.92	2	39.34	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2384.304	-45.68	2	51.58	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2380.848	-55.24	2	42.02	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.84	2	47.42	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-56.17	2	41.09	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-41.87	2	55.39	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-46.48	2	50.78	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.584	-41.53	2	55.73	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-46.48	2	50.78	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-47.04	2	50.22	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-54.76	2	42.5	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.62	2	46.64	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-57.98	2	39.28	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2389.776	-46.32	2	50.94	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2378.352	-55.13	2	42.13	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.43	2	47.83	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-55.62	2	41.64	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-42.09	2	55.17	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.95	2	48.31	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.608	-40.3	2	56.96	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-48.95	2	48.31	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-46.29	2	50.97	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-55.07	2	42.19	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.42	2	46.84	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.09	2	39.17	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2389.872	-45.41	2	51.85	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2381.232	-55.47	2	41.79	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.56	2	47.7	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-56.26	2	41	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-43.57	2	53.69	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-53.03	2	44.23	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.536	-40.91	2	56.35	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-53.03	2	44.23	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-47.35	2	49.91	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-55.43	2	41.83	Average	54	Pass

Test Graphs

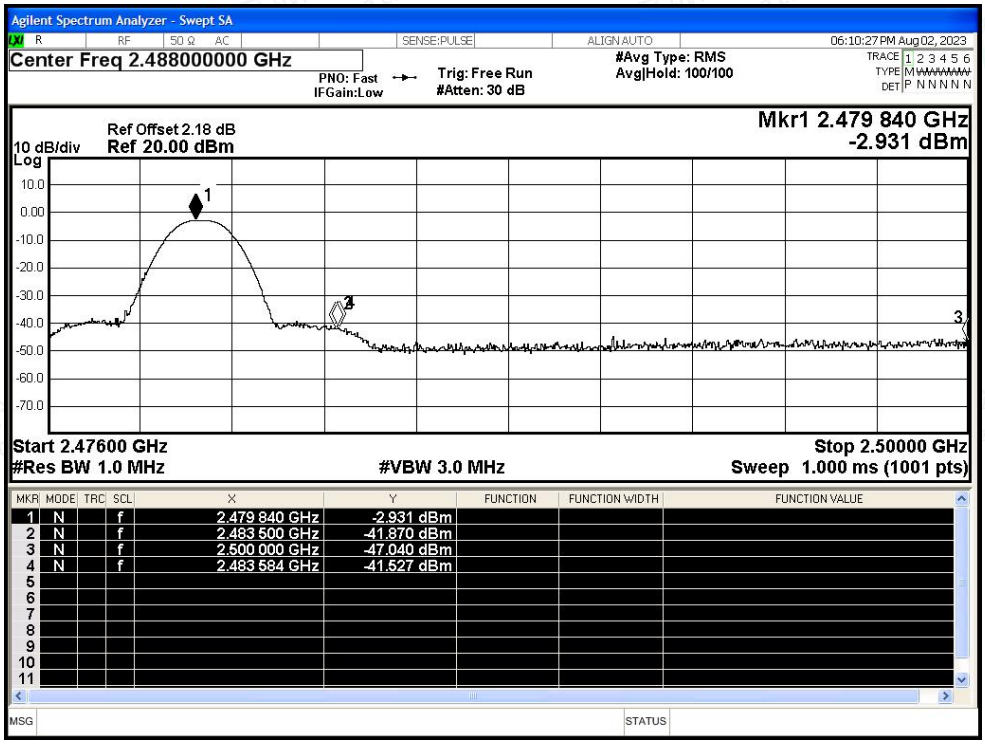
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



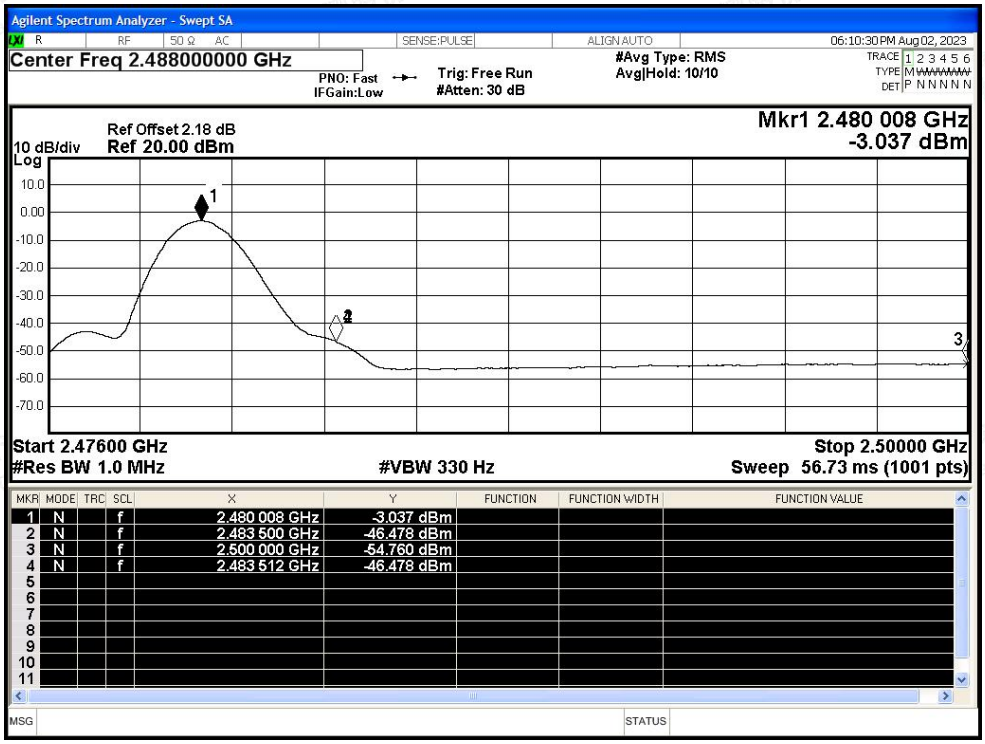
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



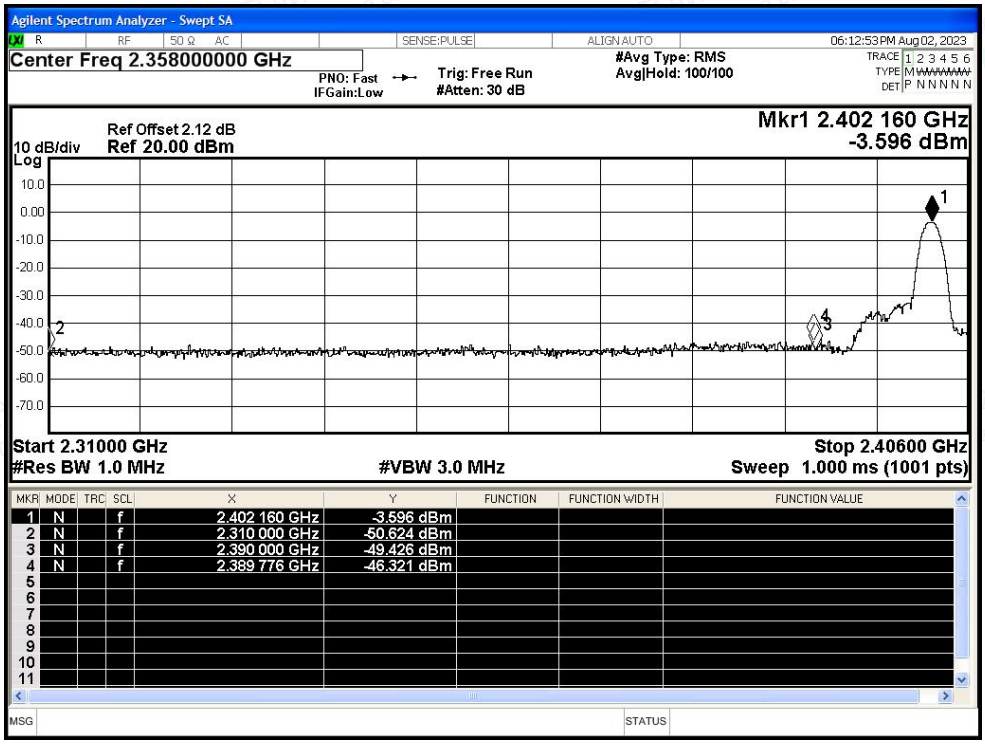
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



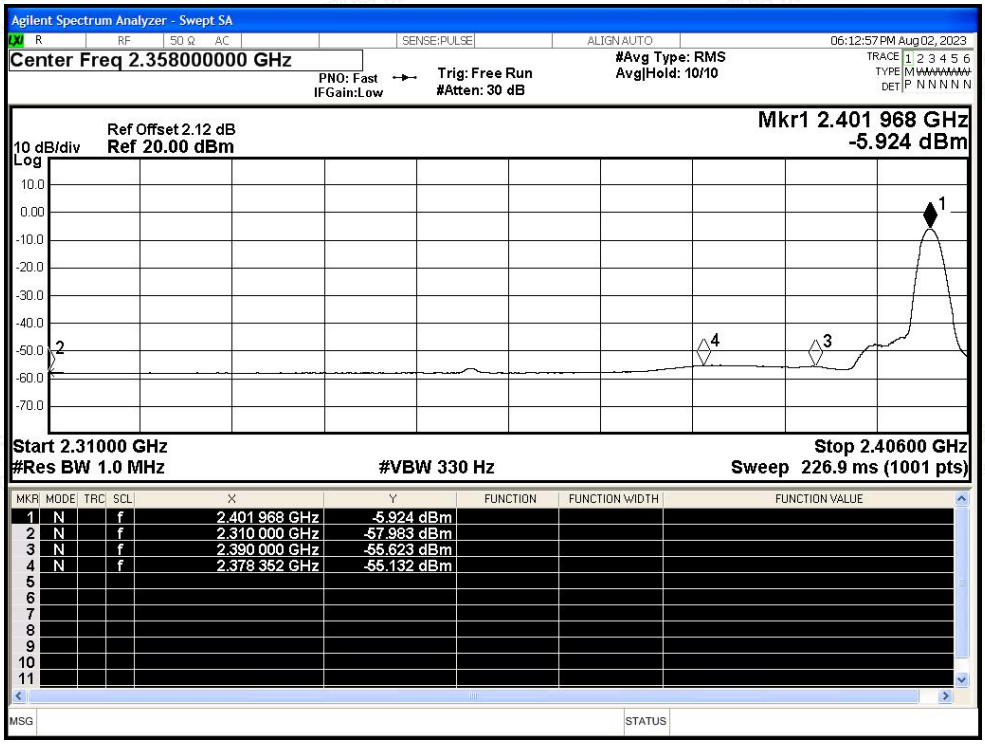
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



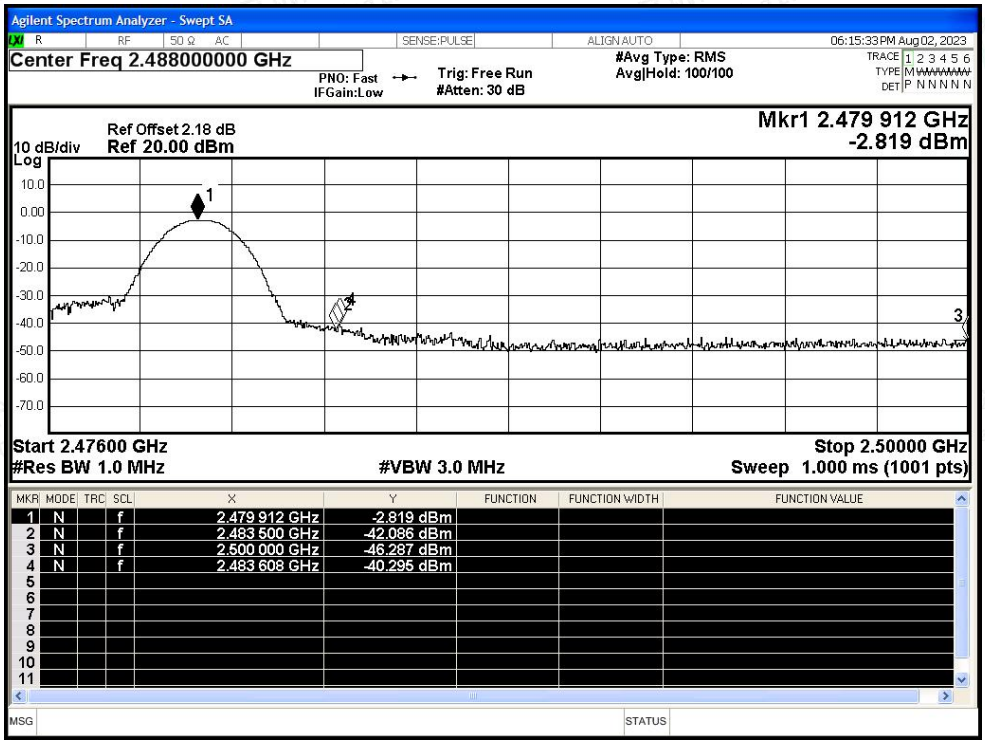
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



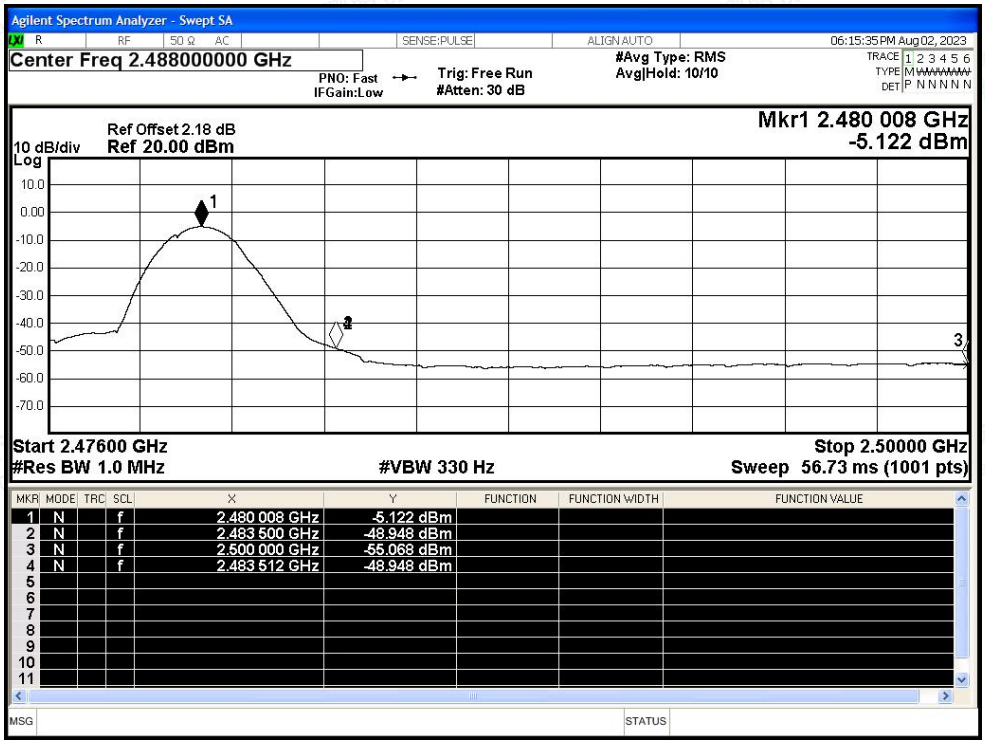
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



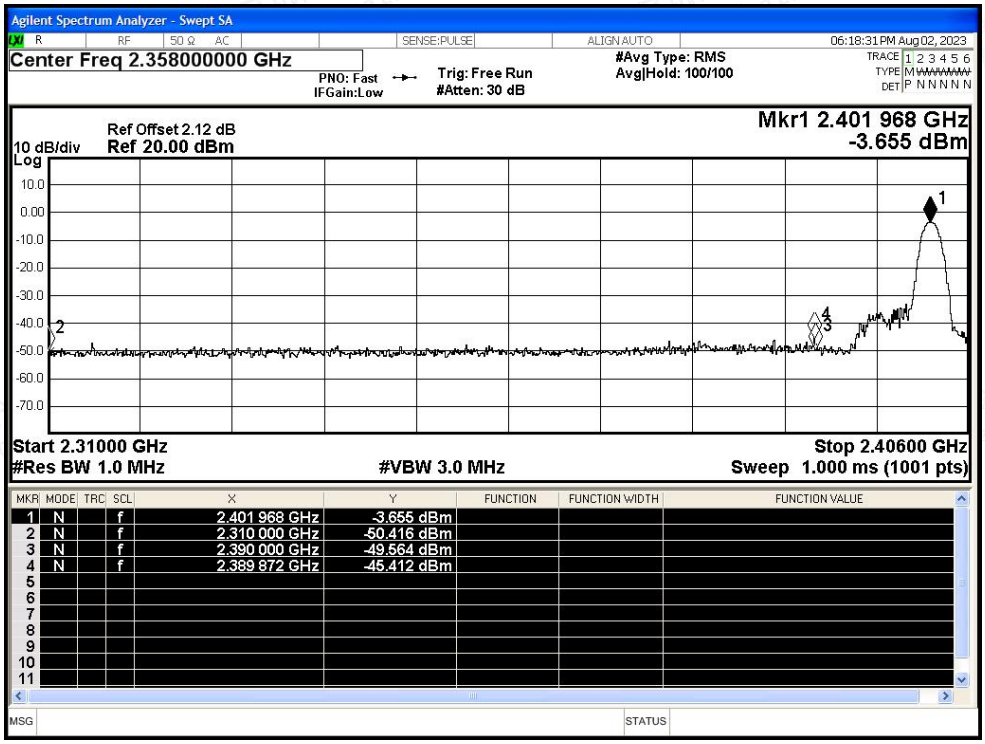
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



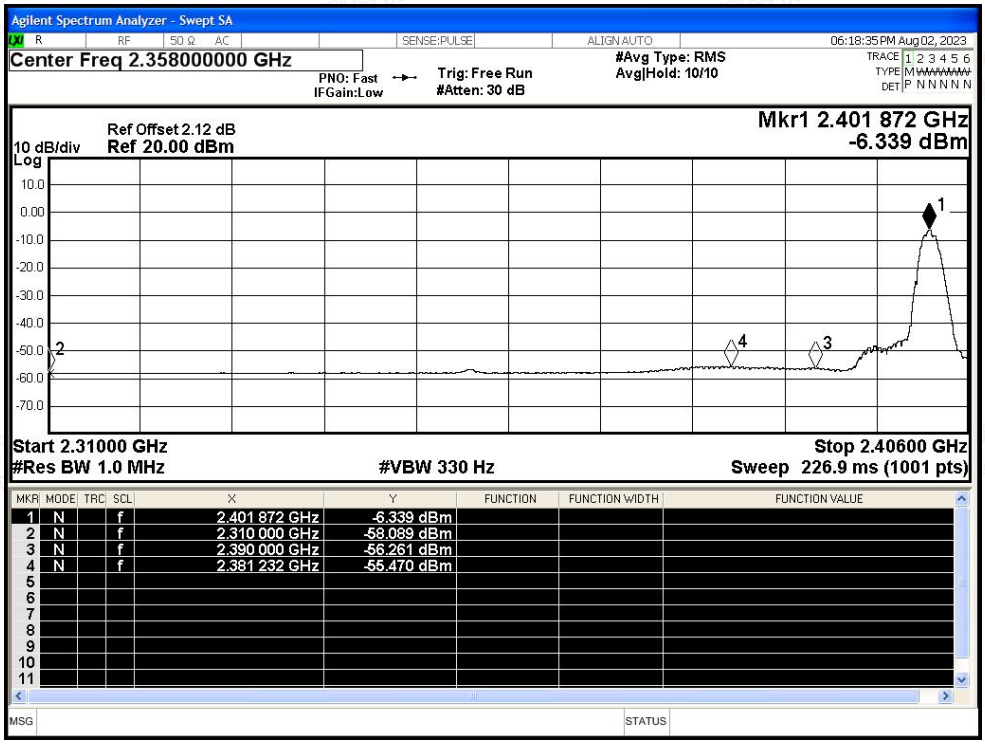
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



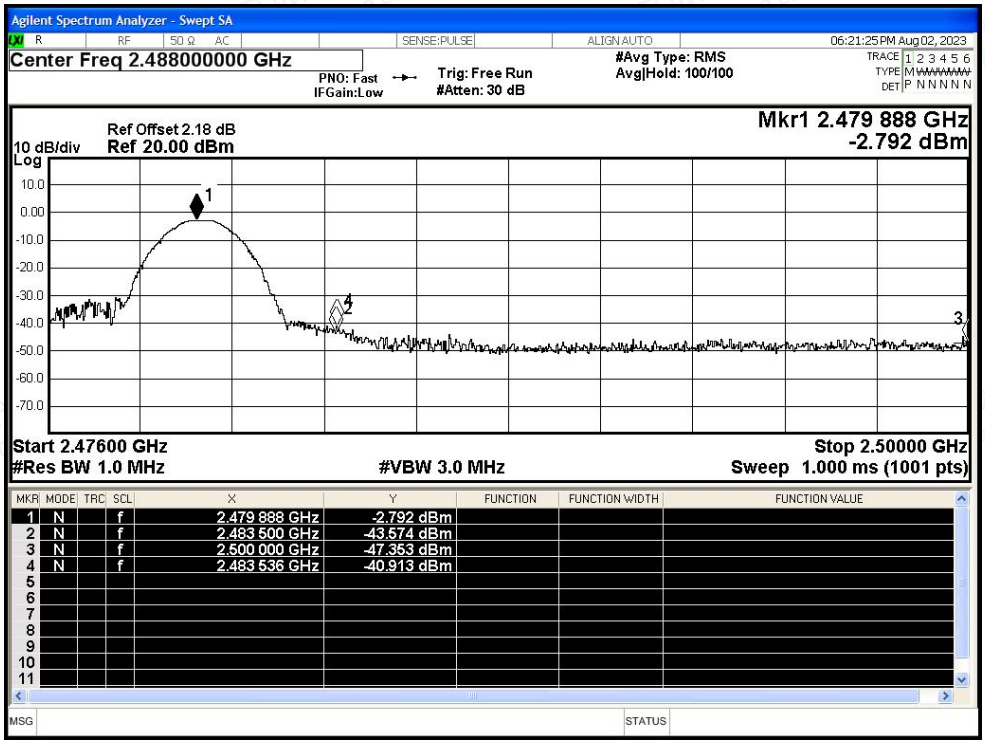
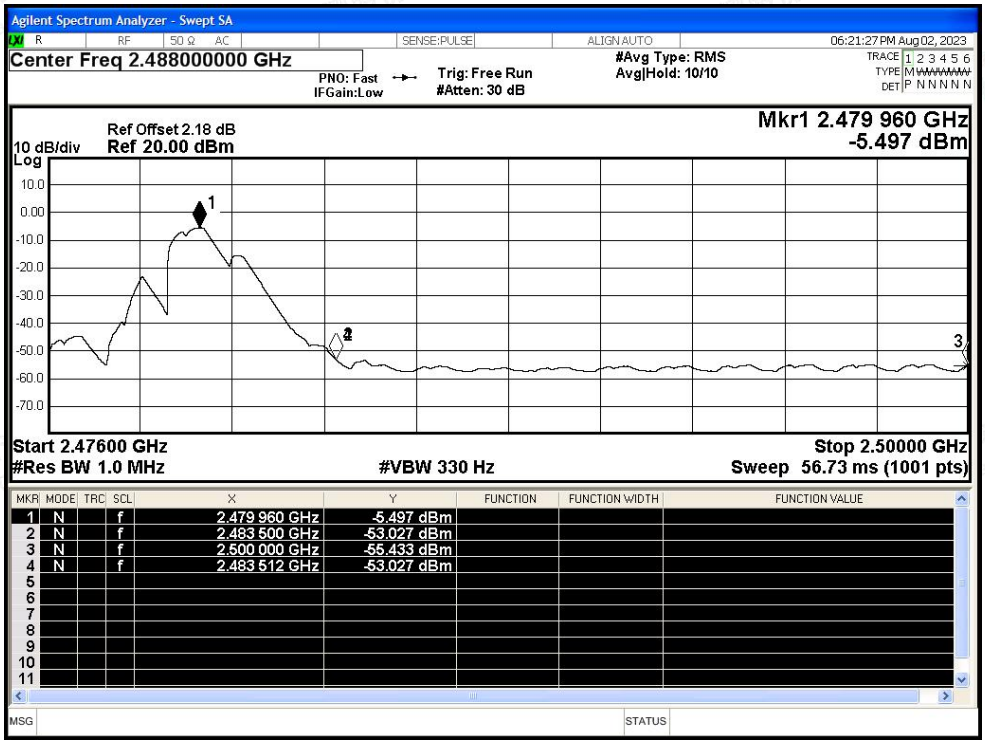
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant1 No-Hopping Average