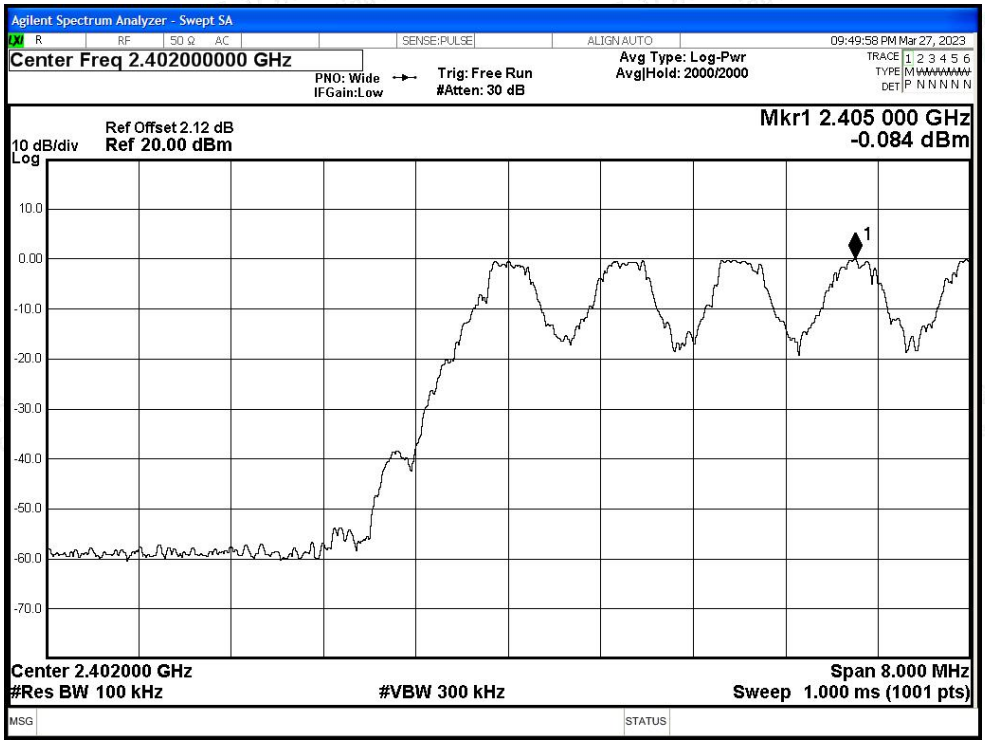
(Hopping)

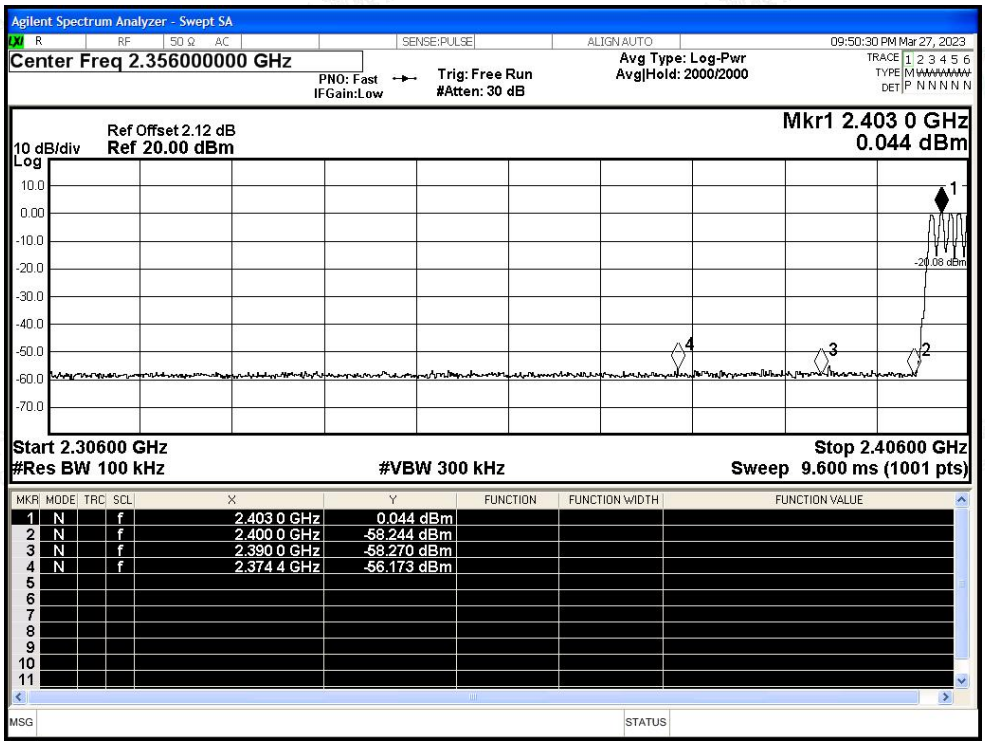
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-56.09	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-56.19	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-54.72	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-55.58	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-54.25	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-54.93	-20	Pass

Test Graphs

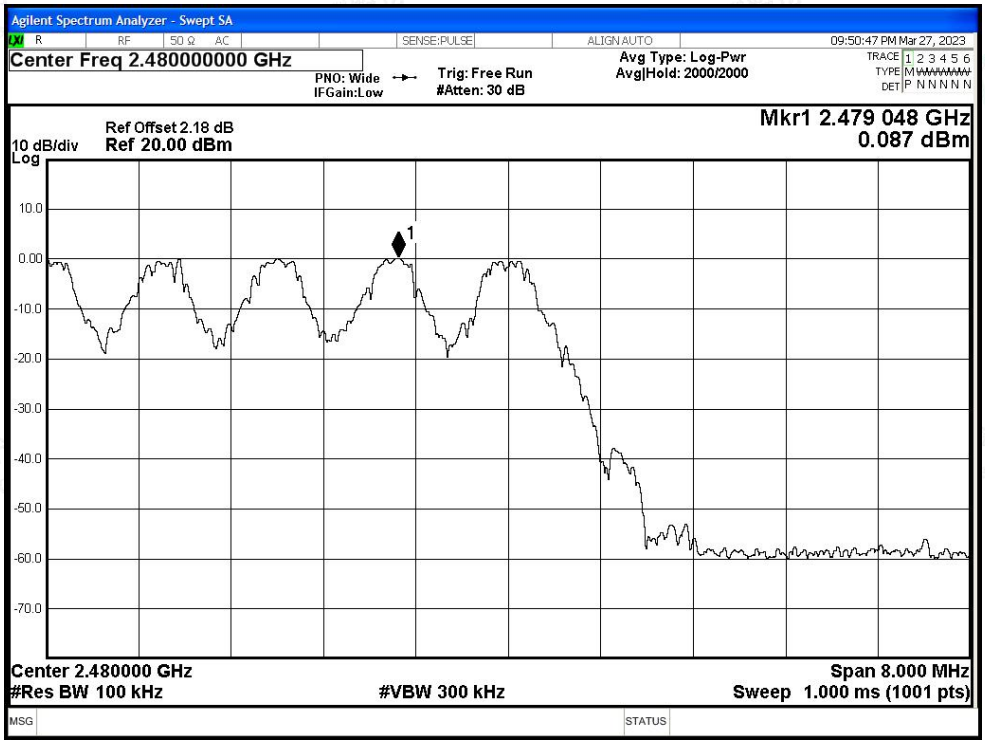
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



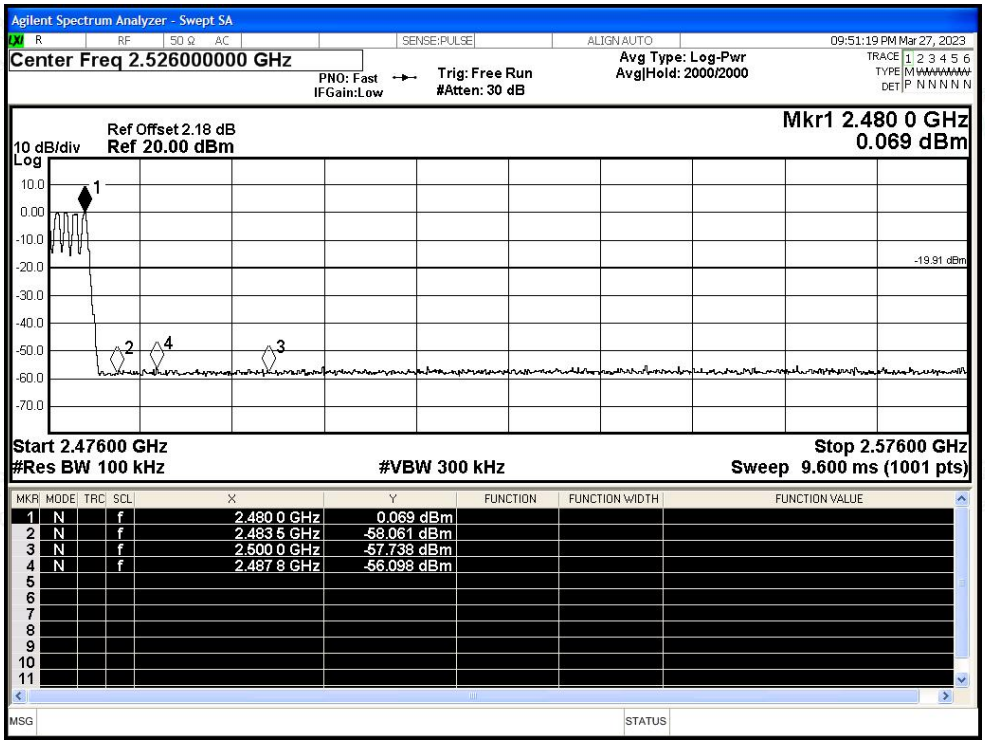
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



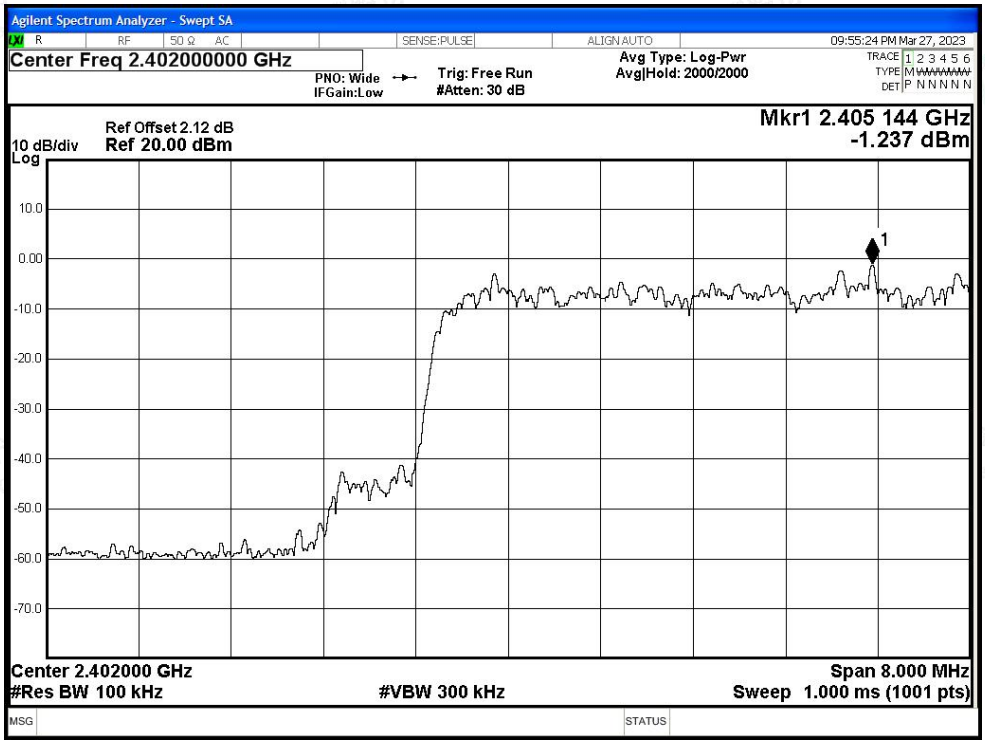
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



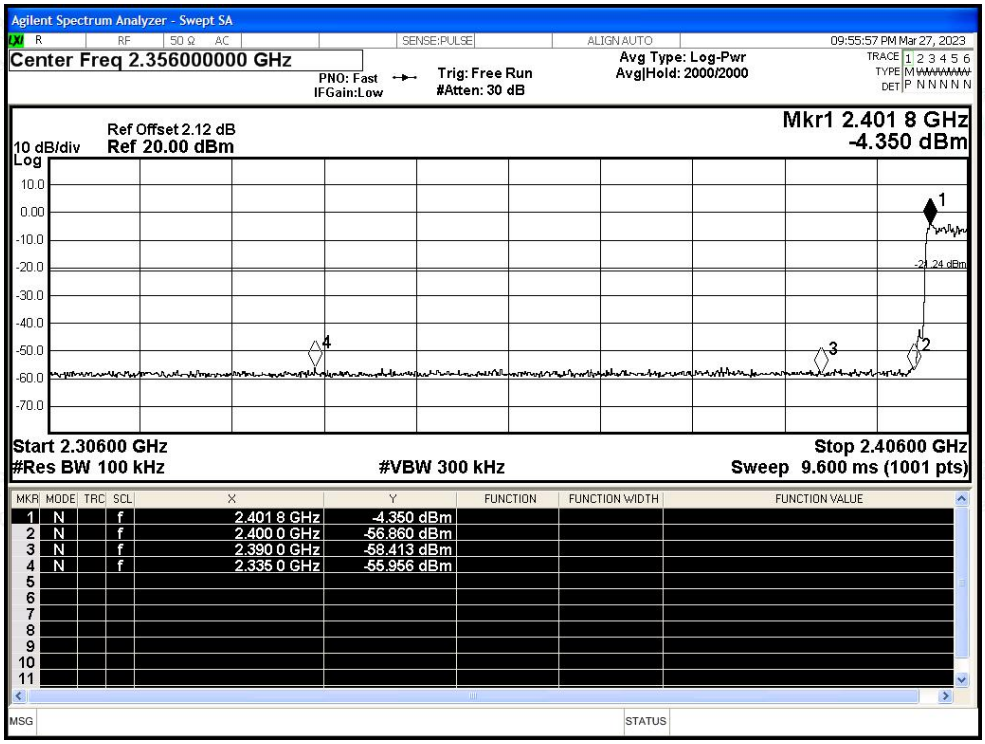
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



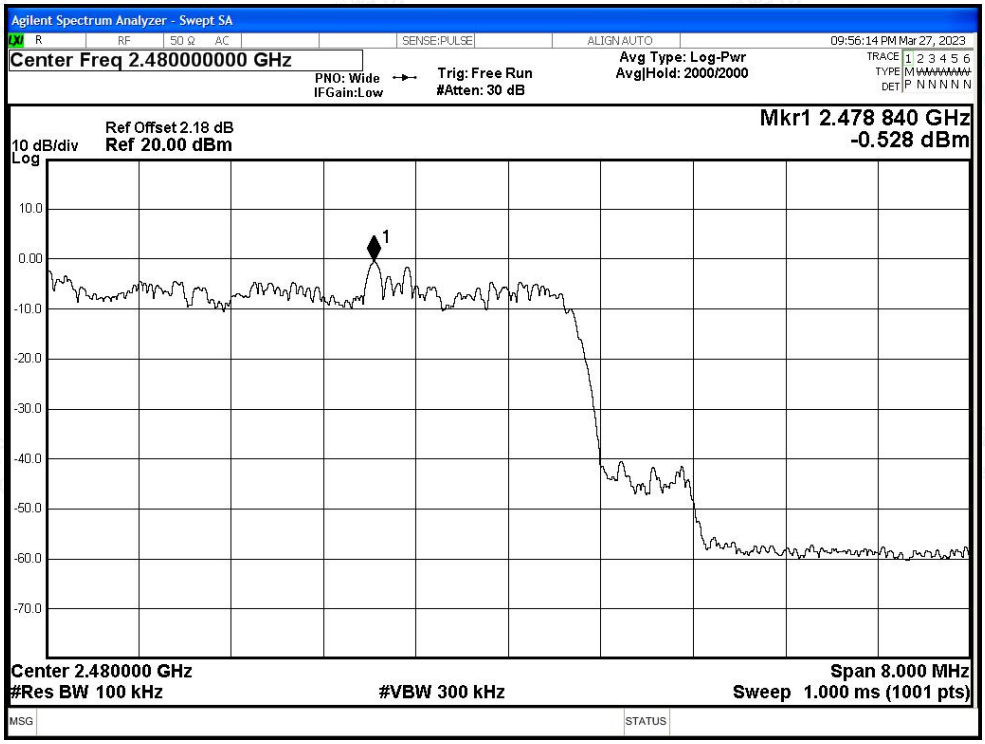
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



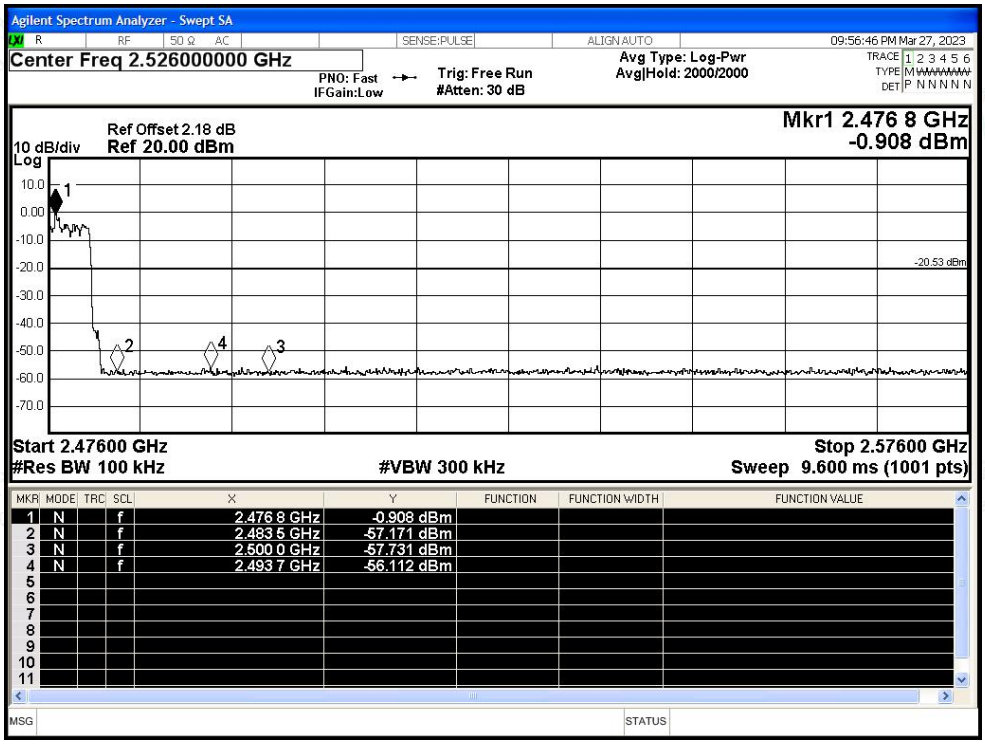
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



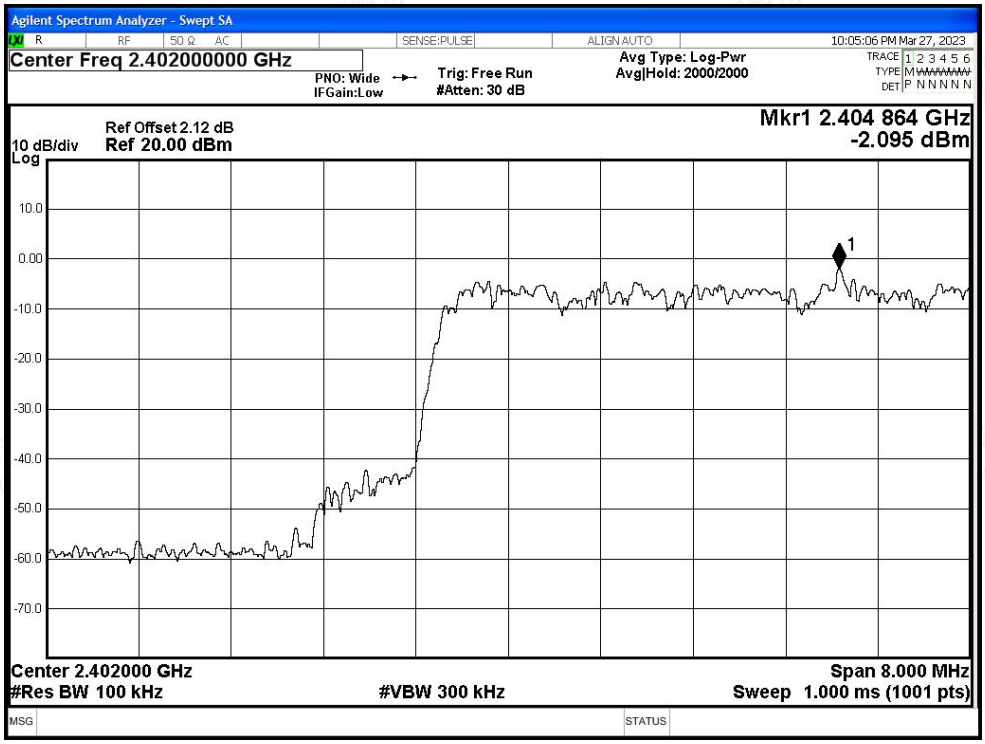
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



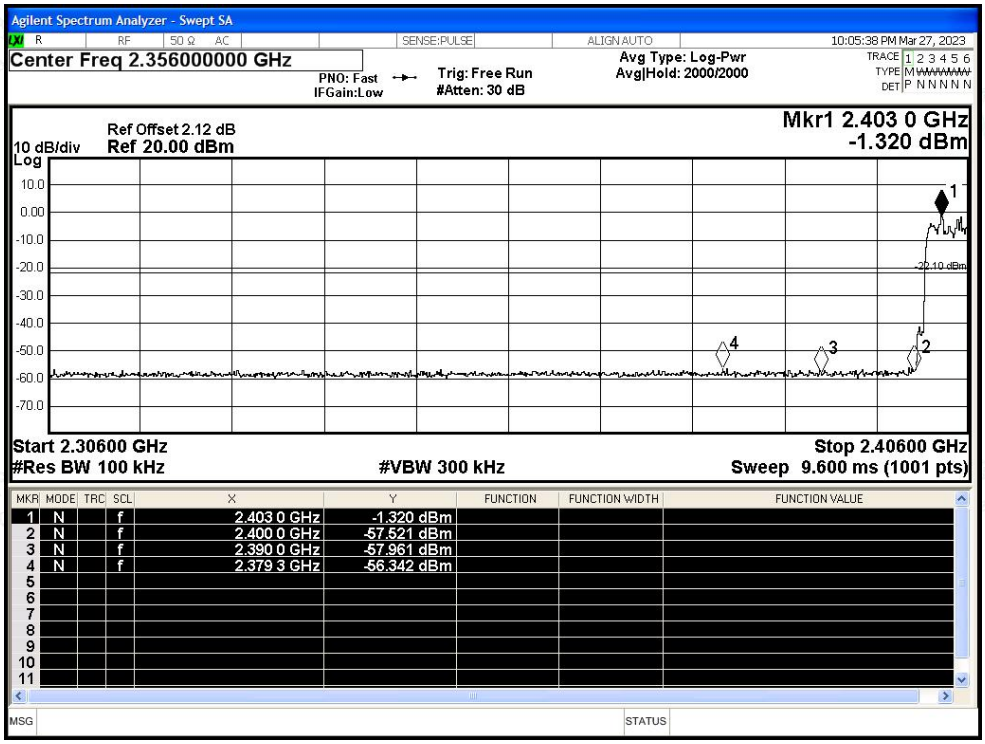
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



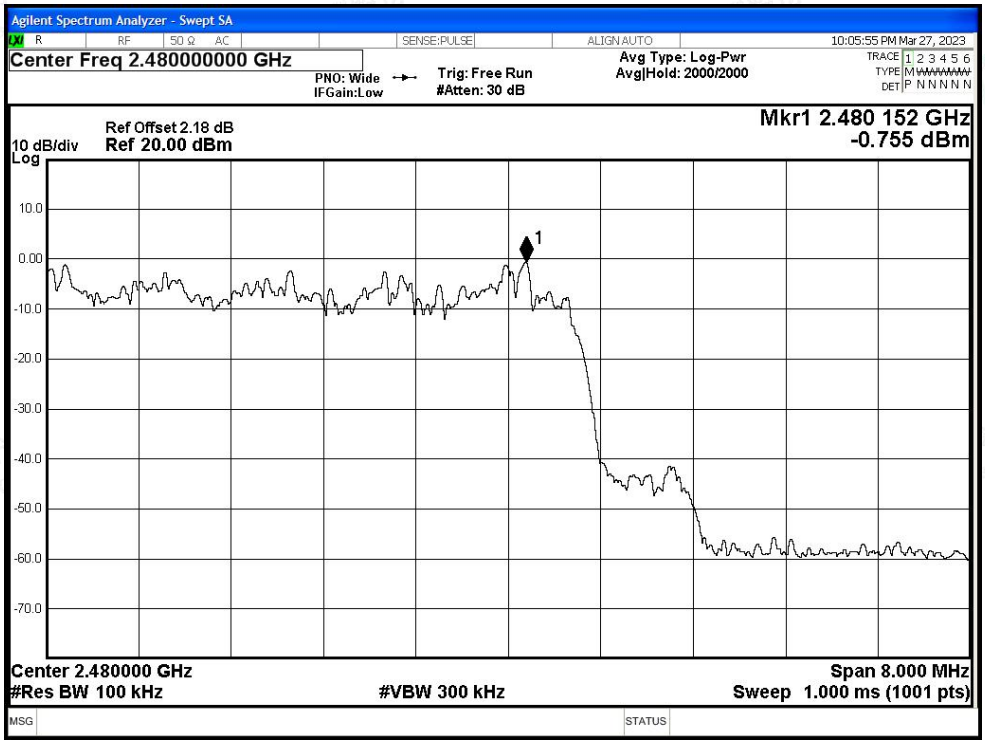
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



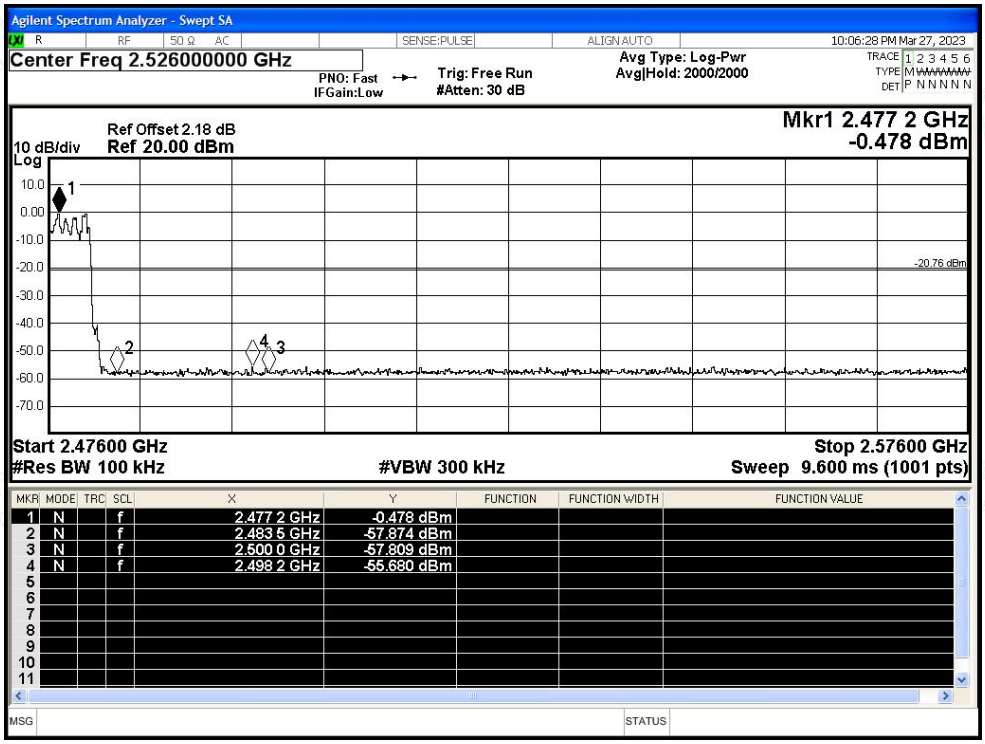
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

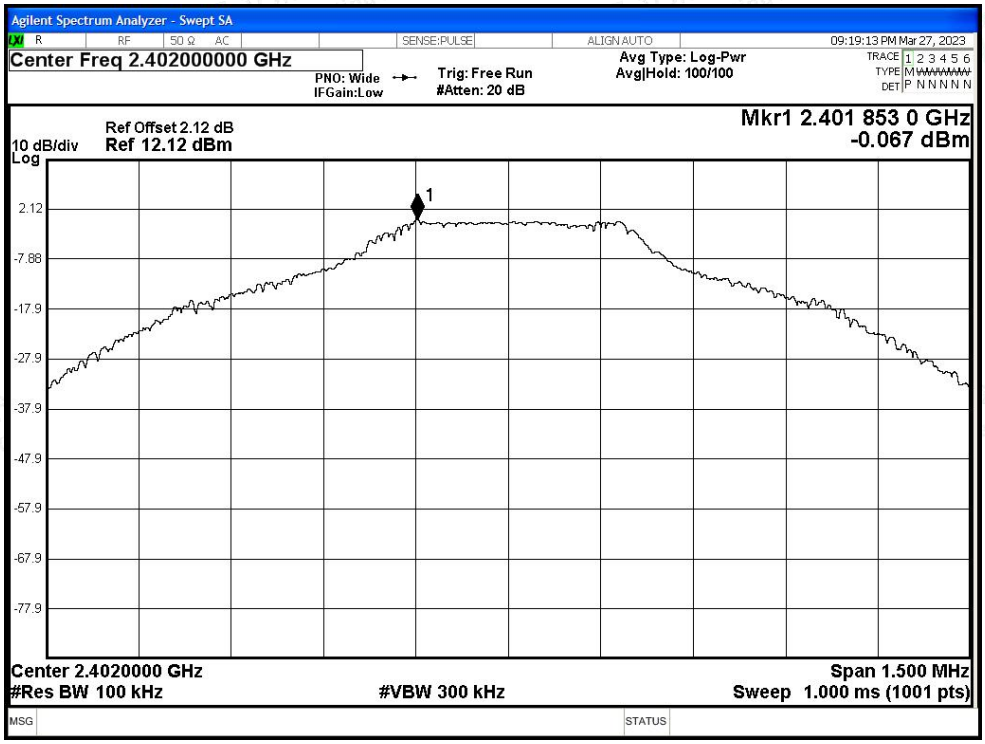


A.7 Conducted RF Spurious Emission

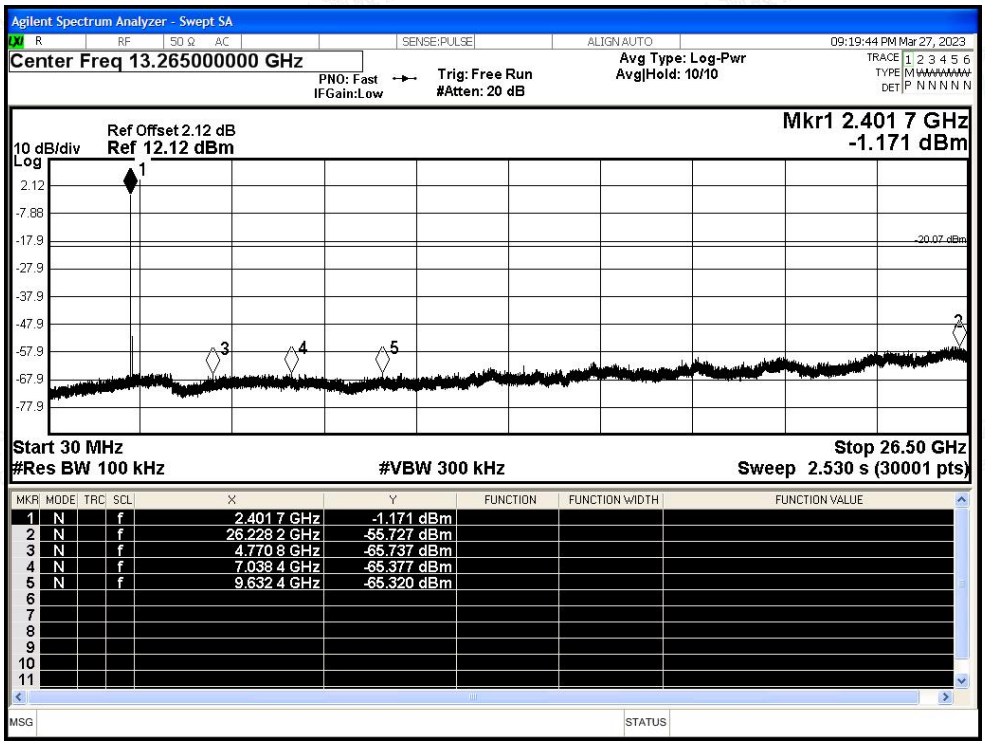
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.66	-20	Pass
NVNT	1-DH5	2441	Ant1	-56.05	-20	Pass
NVNT	1-DH5	2480	Ant1	-56.23	-20	Pass
NVNT	2-DH5	2402	Ant1	-42.31	-20	Pass
NVNT	2-DH5	2441	Ant1	-53.42	-20	Pass
NVNT	2-DH5	2480	Ant1	-55.18	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.74	-20	Pass
NVNT	3-DH5	2441	Ant1	-55.56	-20	Pass
NVNT	3-DH5	2480	Ant1	-51.04	-20	Pass

Test Graphs

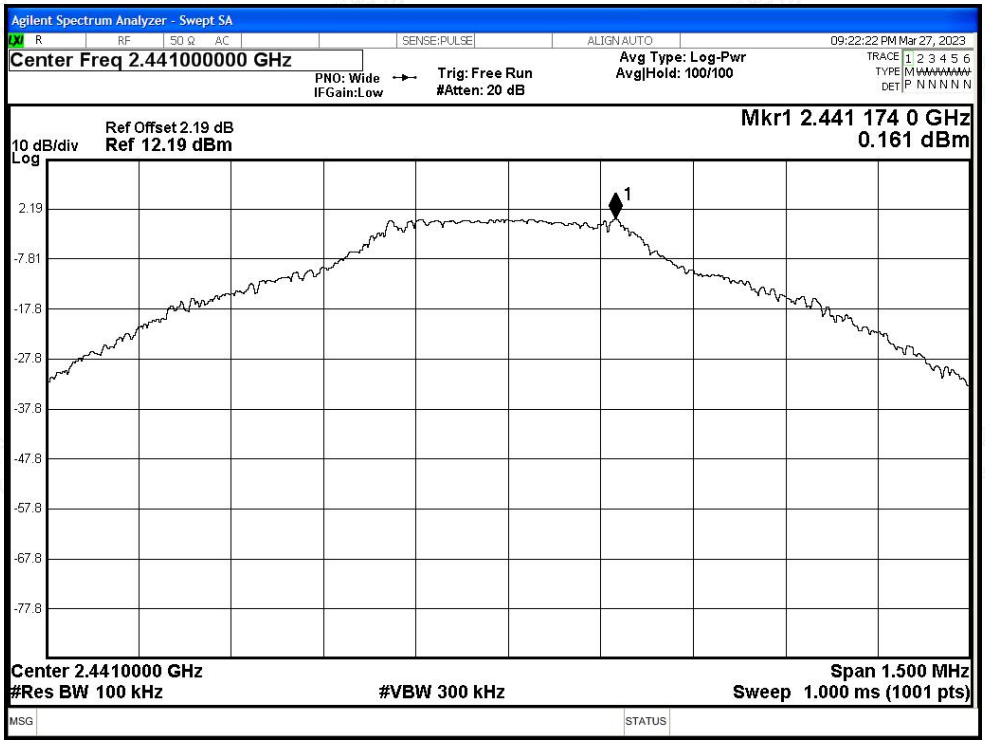
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



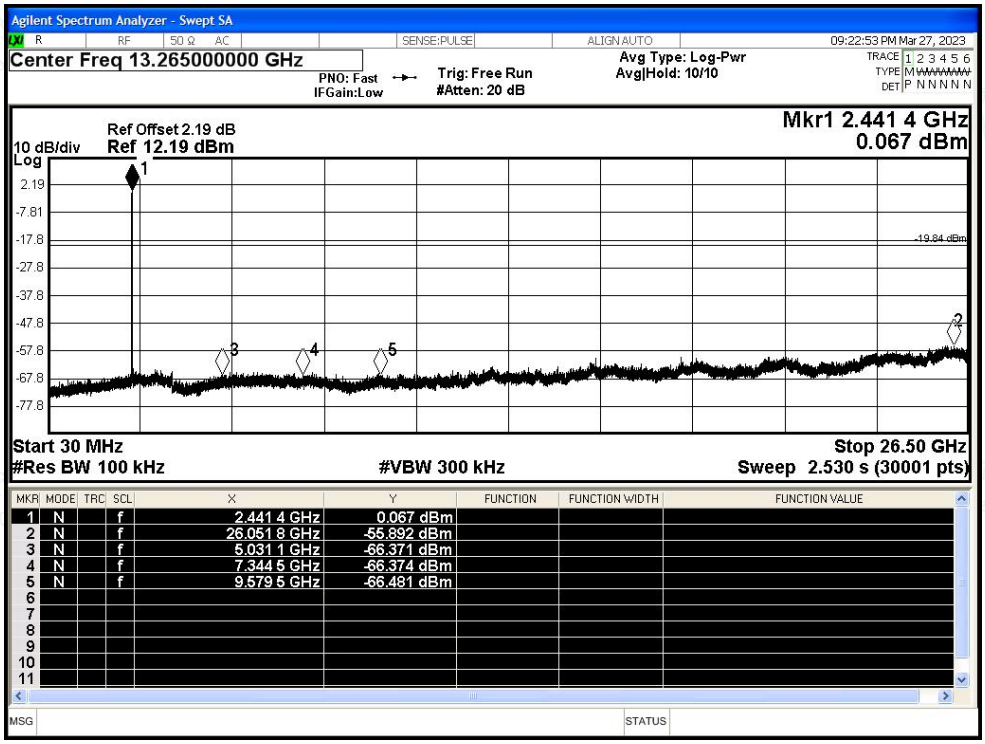
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



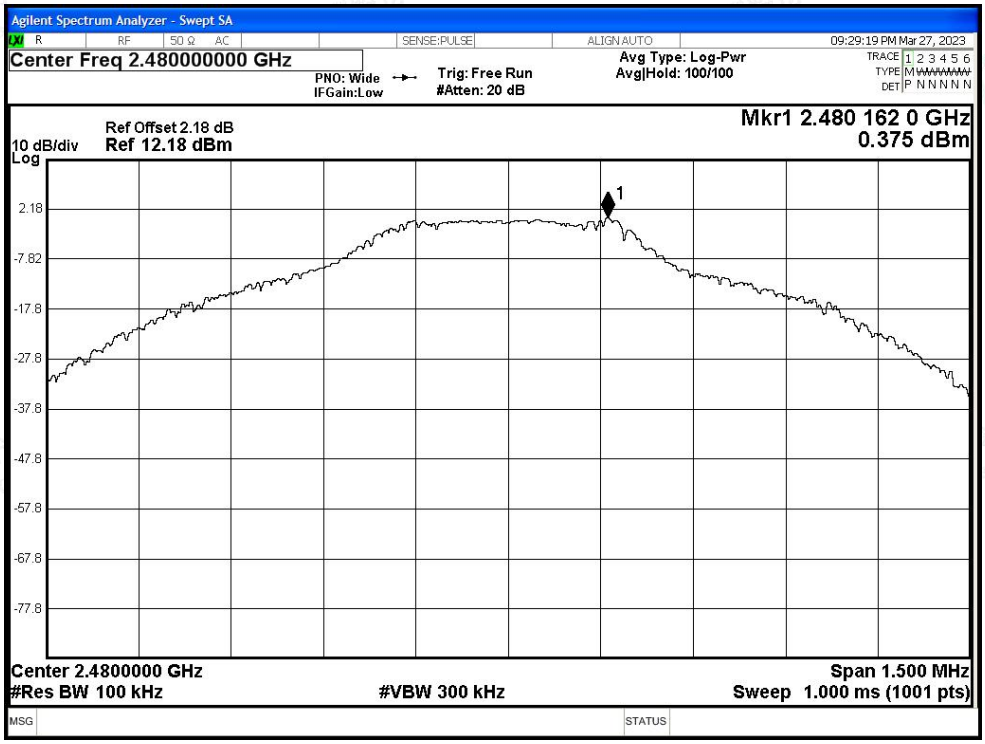
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



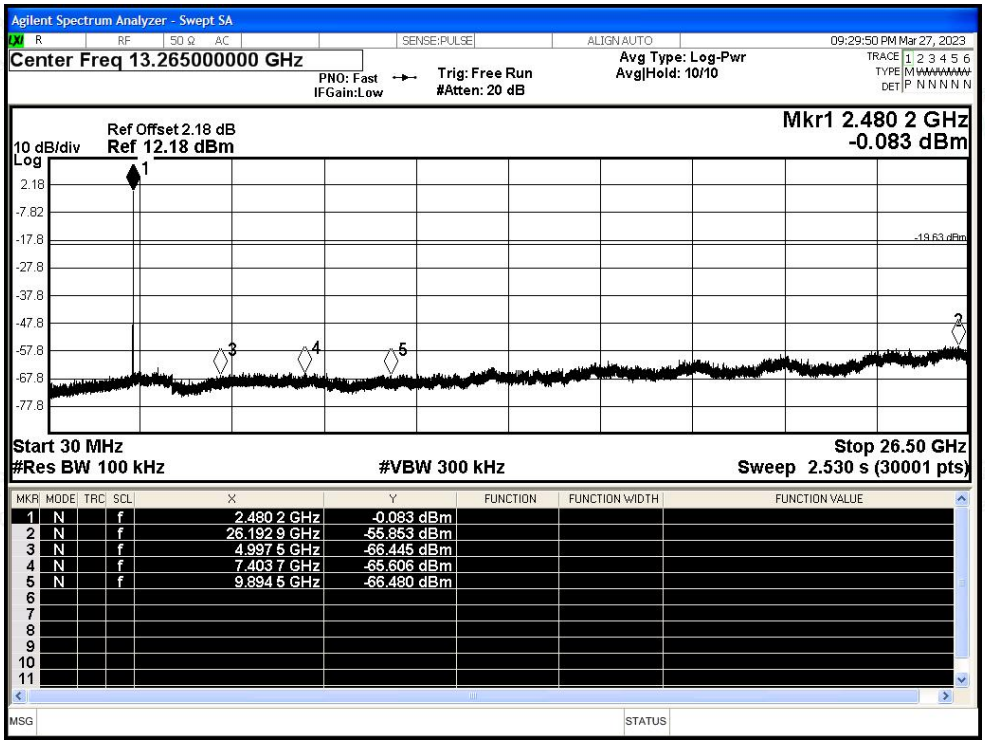
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



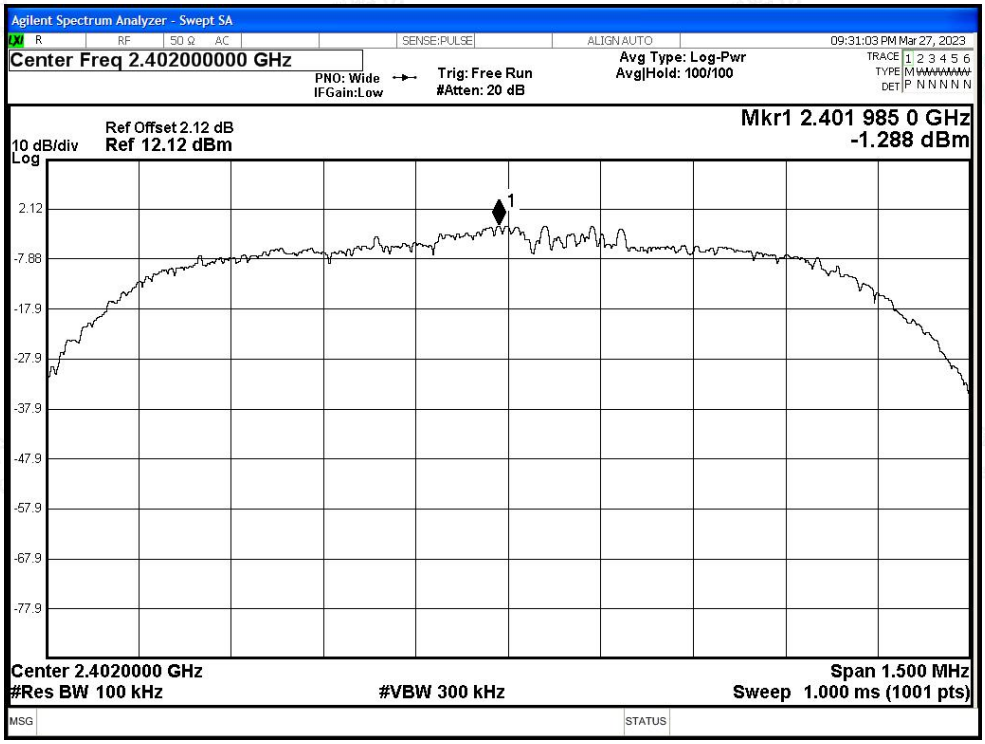
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



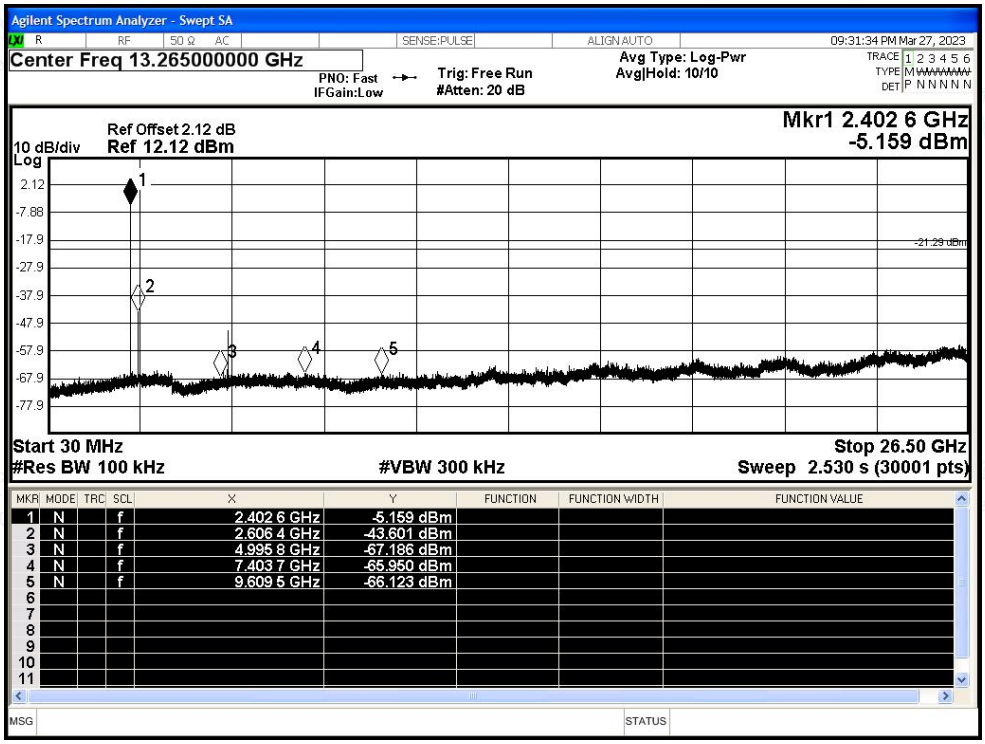
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



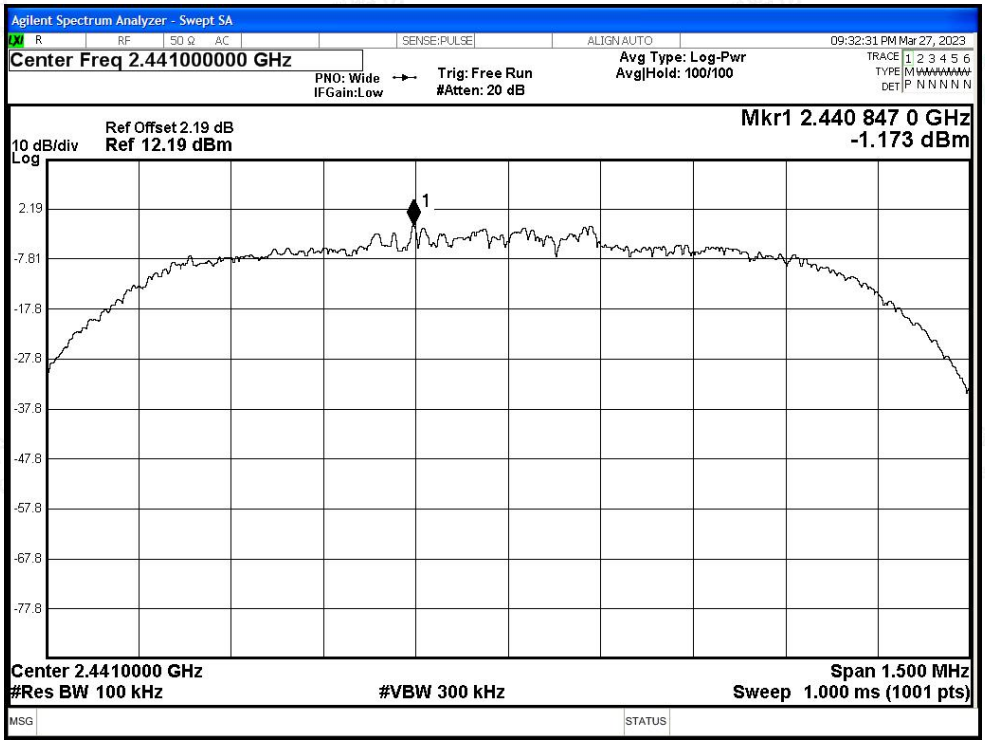
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



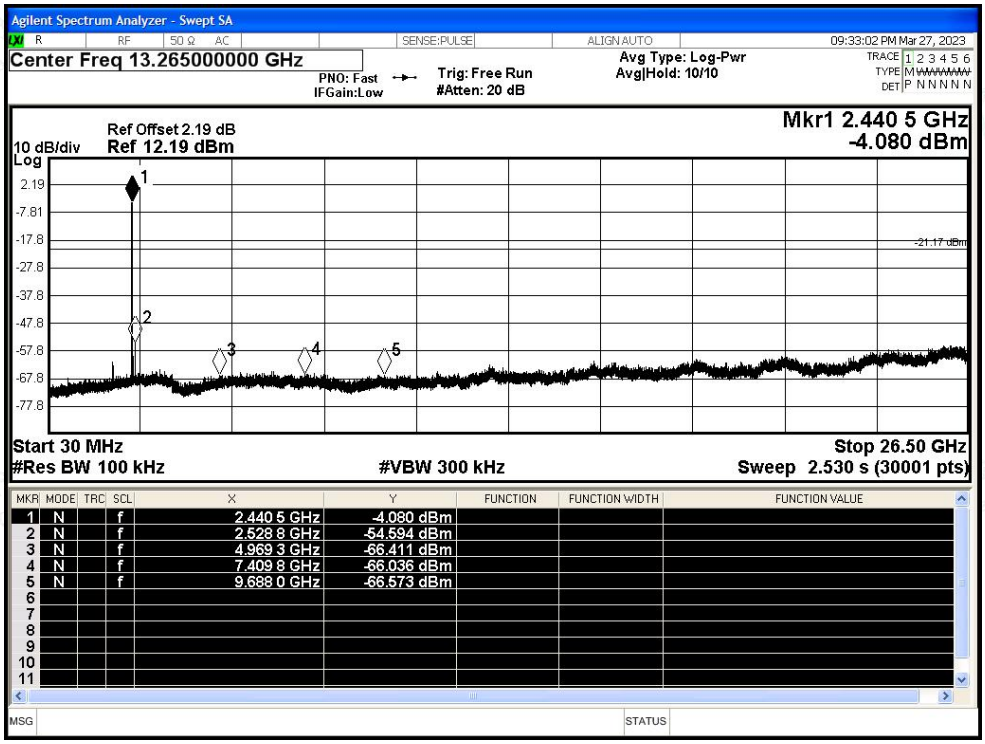
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref

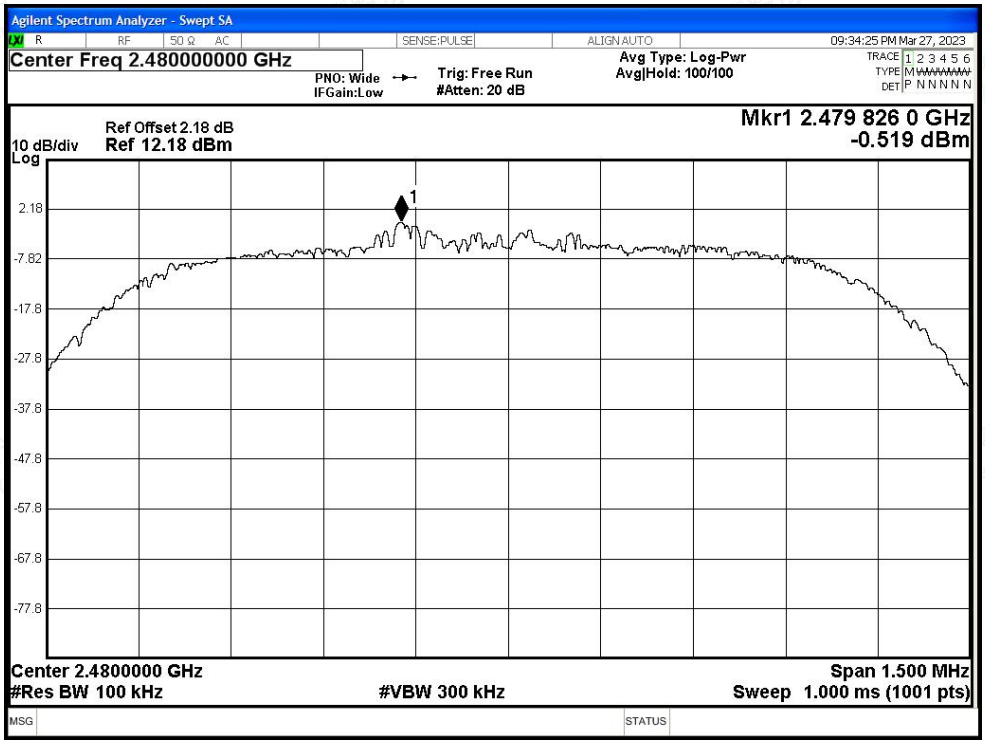


Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission

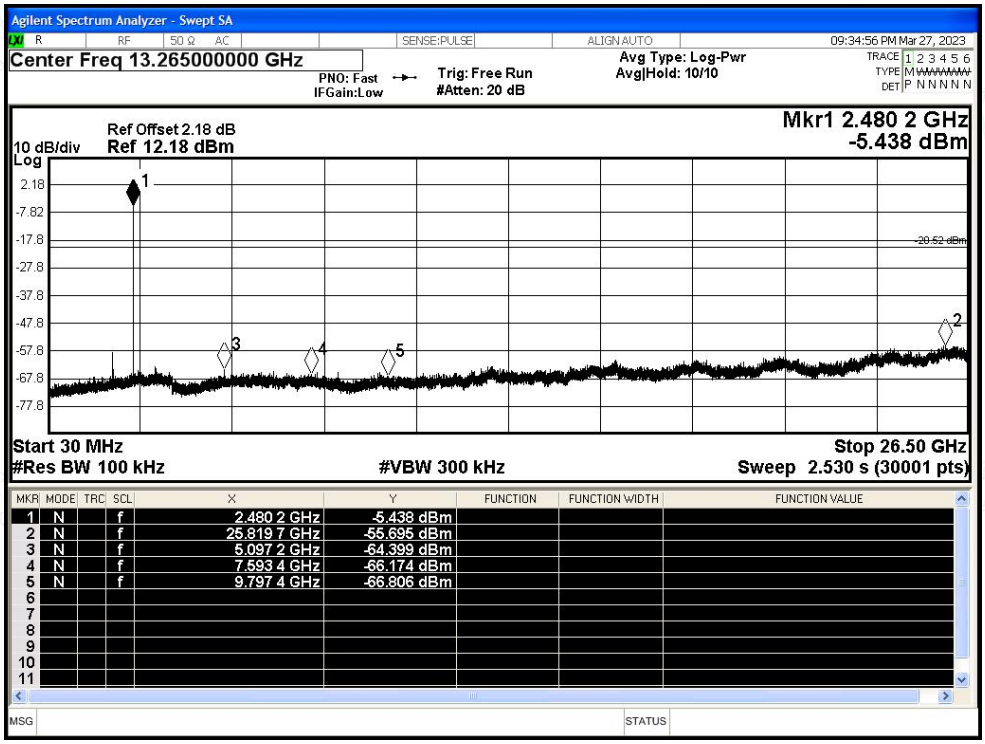


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.440 5 GHz	-4.080 dBm			
2	N		f	2.528 8 GHz	-54.594 dBm			
3	N		f	4.969 3 GHz	-66.411 dBm			
4	N		f	7.409 8 GHz	-66.036 dBm			
5	N		f	9.688 0 GHz	-66.573 dBm			
6								
7								
8								
9								
10								
11								

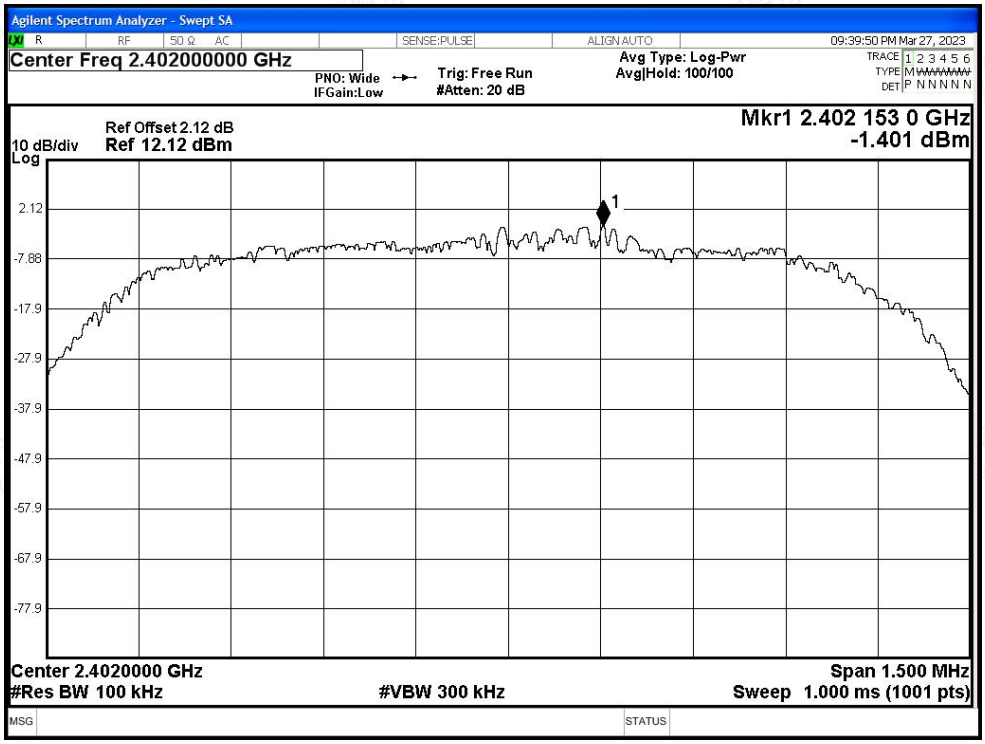
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



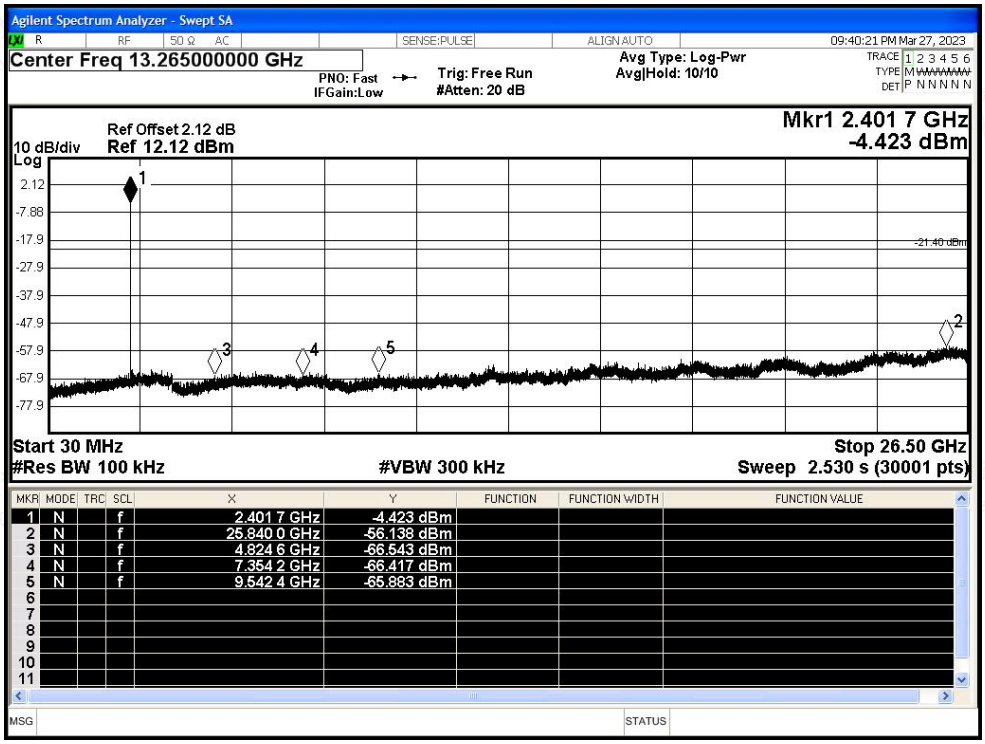
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



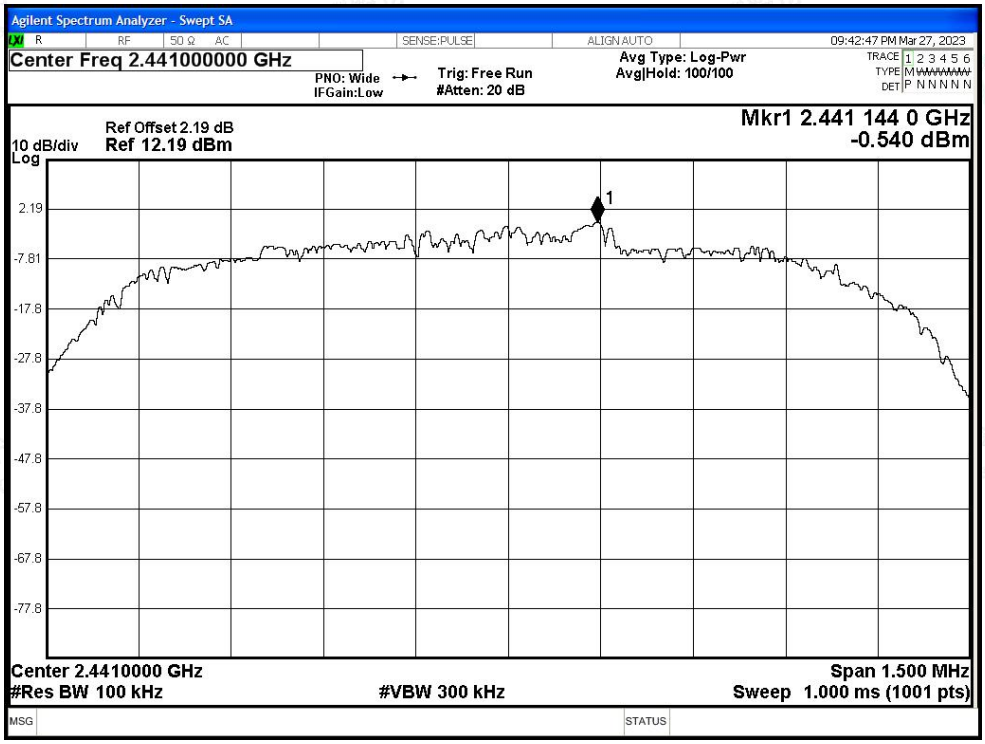
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



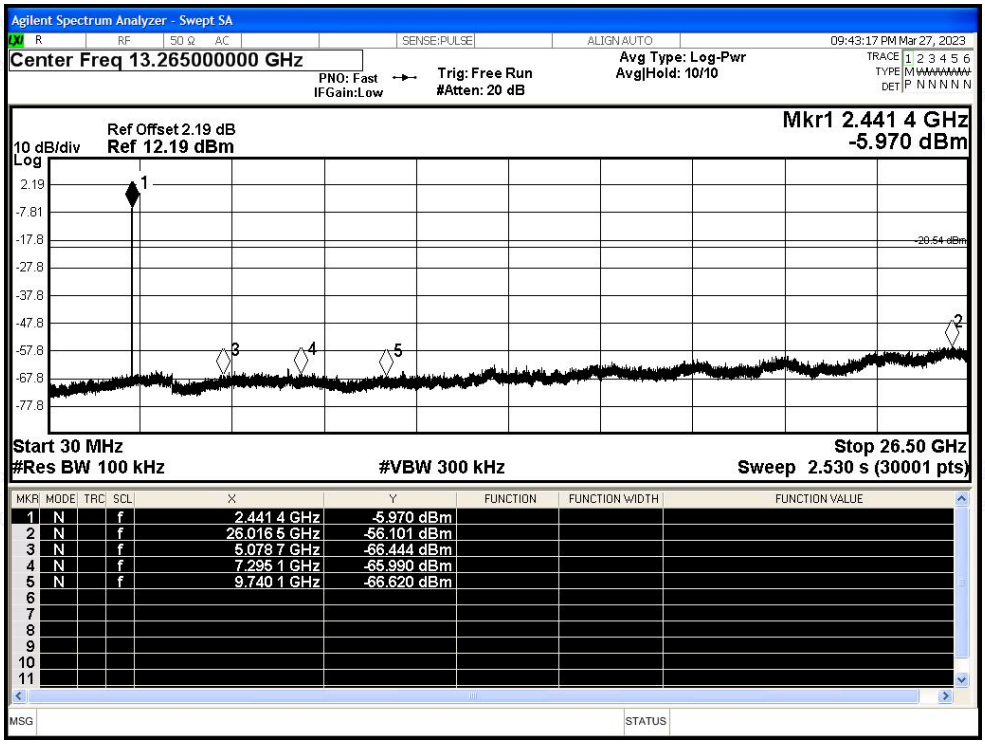
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



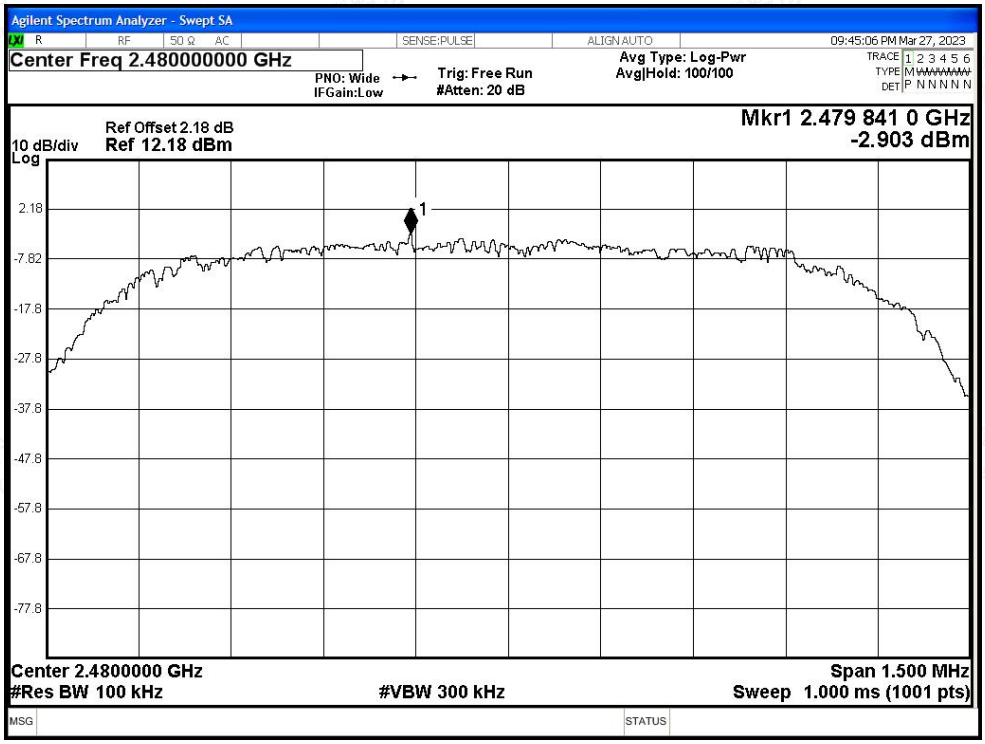
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



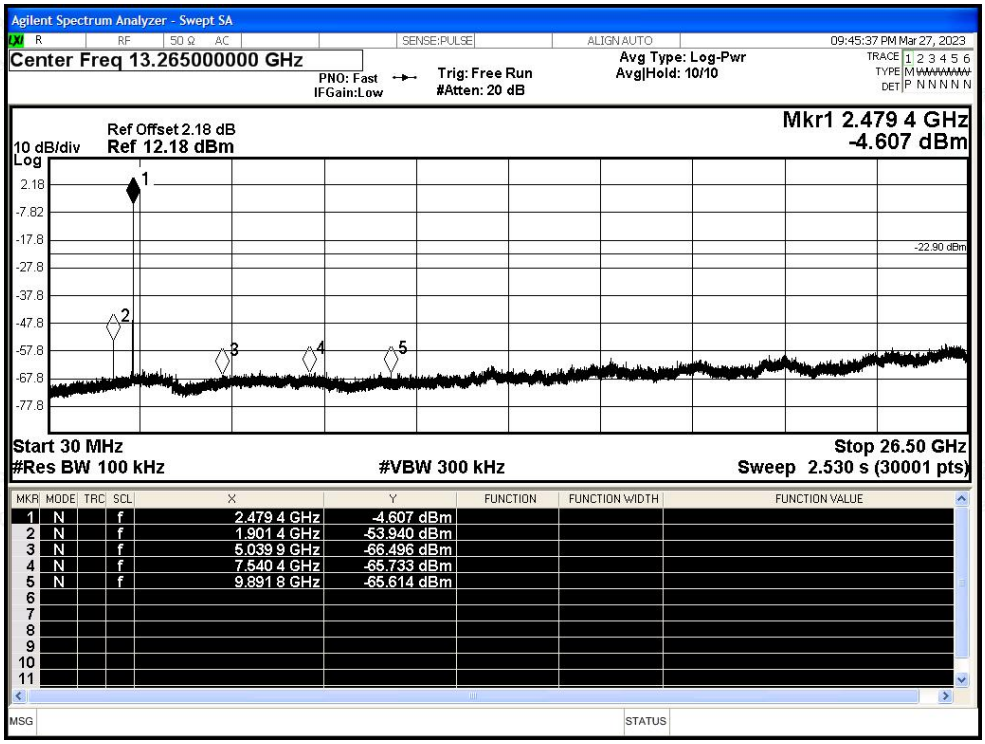
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

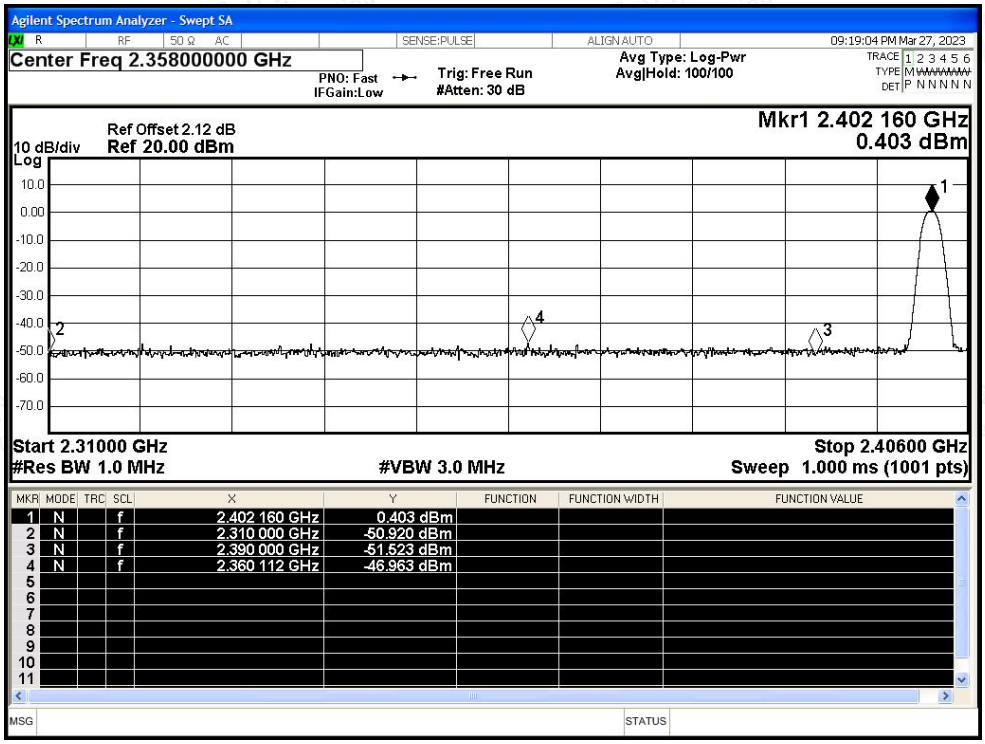


A.8 Restrict Band

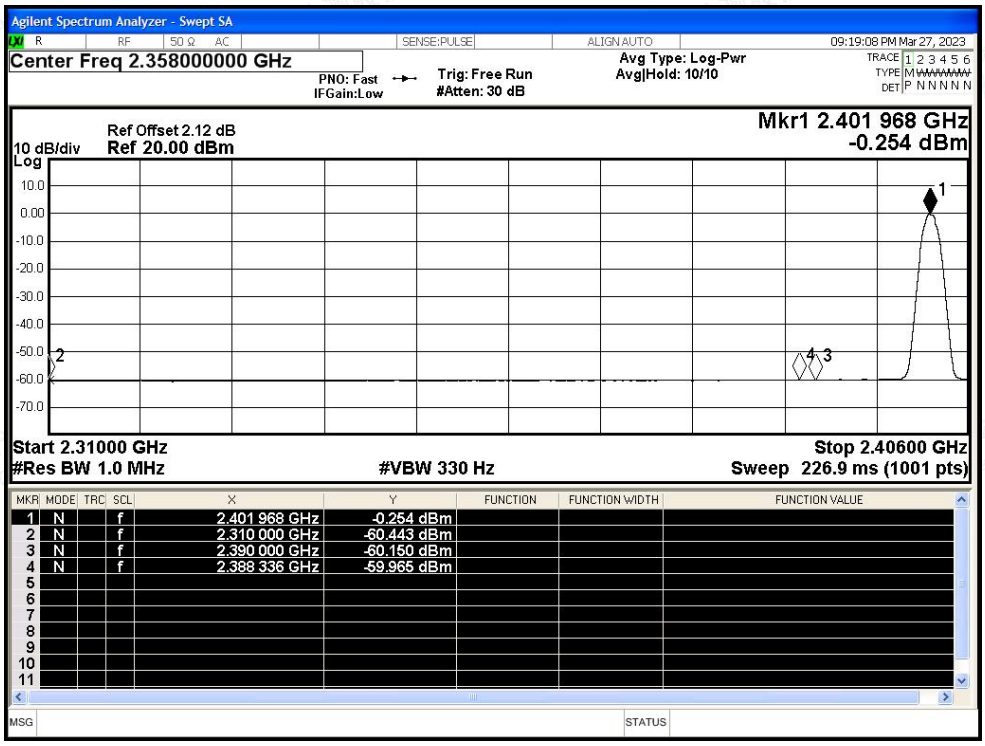
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.92	3.19	46.34	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-60.44	3.19	36.82	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2360.112	-46.96	3.19	50.3	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2388.336	-59.97	3.19	37.29	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-51.52	3.19	45.74	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-60.15	3.19	37.11	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-50.14	3.19	47.12	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-59.58	3.19	37.68	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.656	-46.9	3.19	50.36	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.232	-59.49	3.19	37.77	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-51.01	3.19	46.25	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-59.9	3.19	37.36	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.62	3.19	46.64	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-60.42	3.19	36.84	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2385.936	-46.79	3.19	50.47	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2389.872	-59.79	3.19	37.47	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.32	3.19	46.94	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-59.8	3.19	37.46	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.58	3.19	47.68	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-59.75	3.19	37.51	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2492.848	-47.23	3.19	50.03	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2495.656	-59.55	3.19	37.71	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.42	3.19	46.84	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-59.85	3.19	37.41	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.95	3.19	47.31	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-60.34	3.19	36.92	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2344.656	-47.22	3.19	50.04	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2389.776	-59.91	3.19	37.35	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.54	3.19	47.72	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-60.09	3.19	37.17	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-50.36	3.19	46.9	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-59.54	3.19	37.72	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2490.64	-47.27	3.19	49.99	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.536	-59.46	3.19	37.8	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.72	3.19	47.54	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-59.79	3.19	37.47	Average	54	Pass

Test Graphs

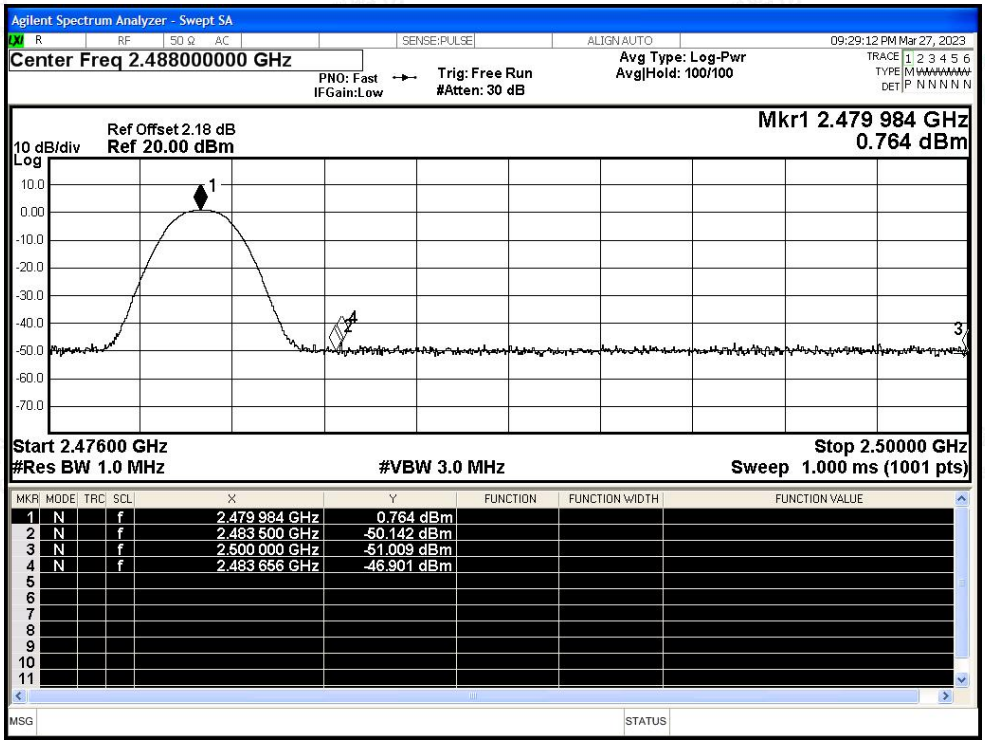
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



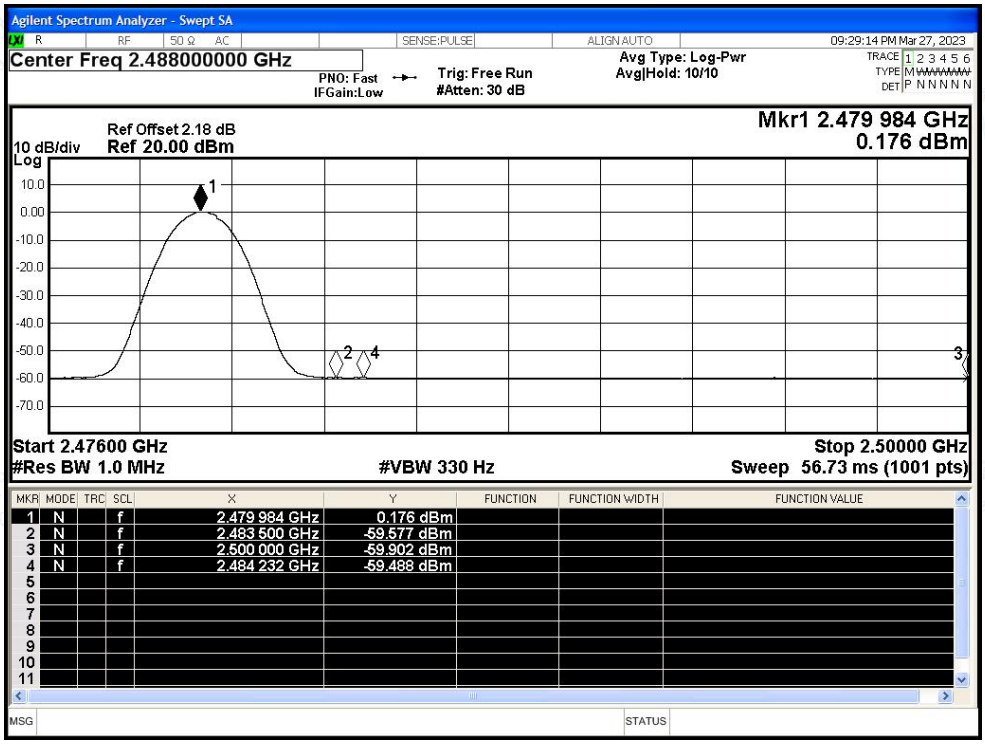
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



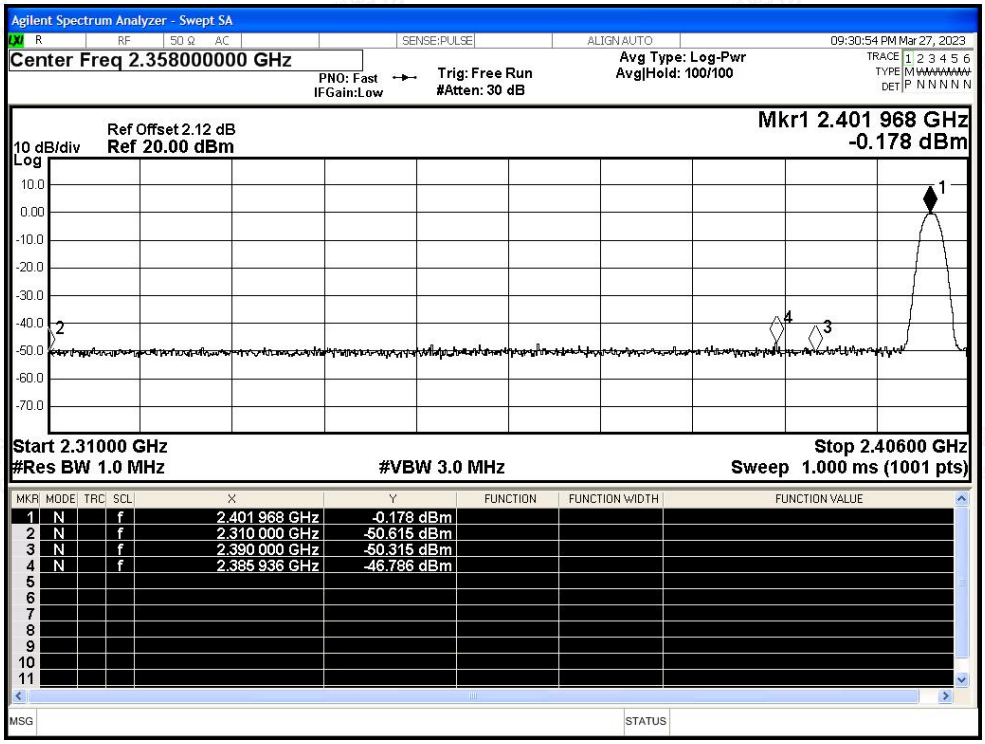
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



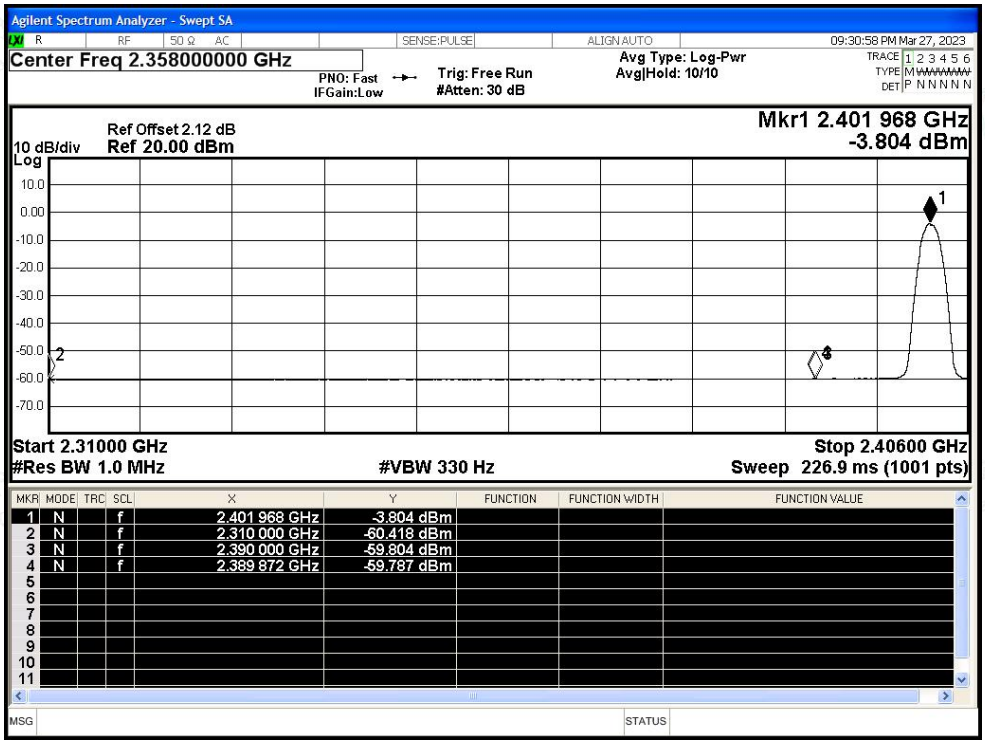
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



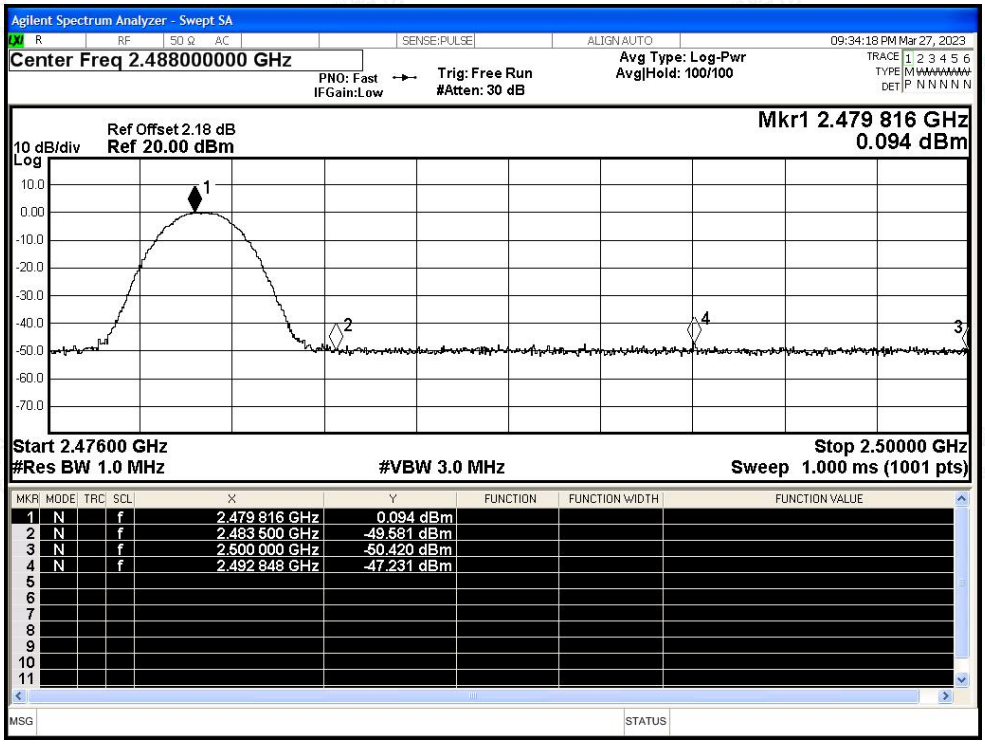
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



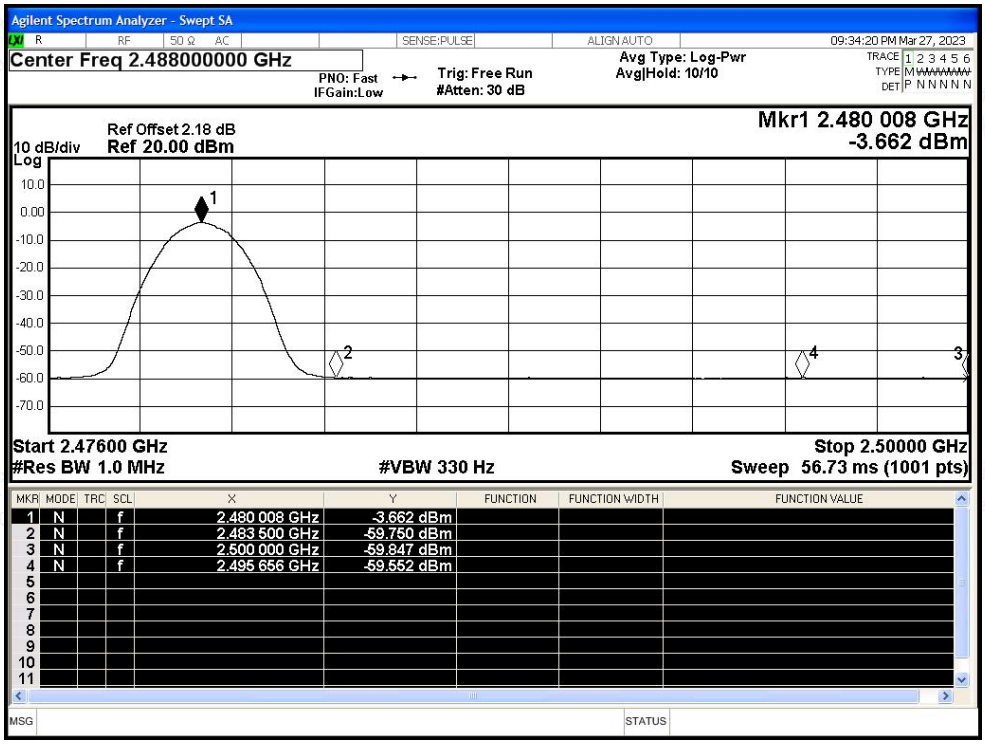
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



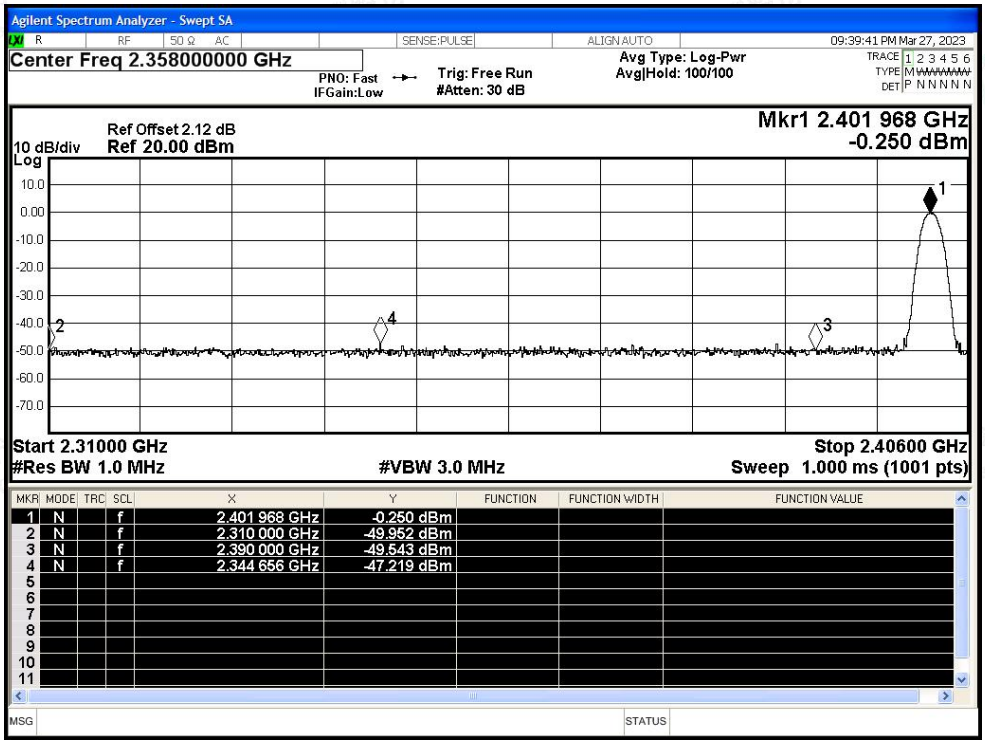
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



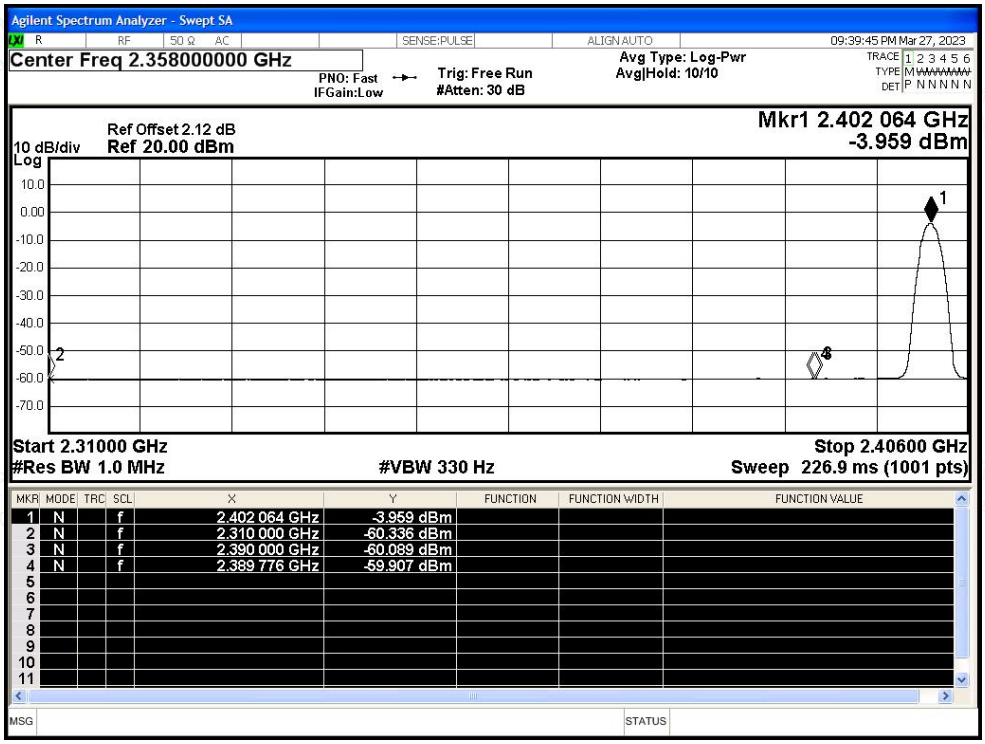
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



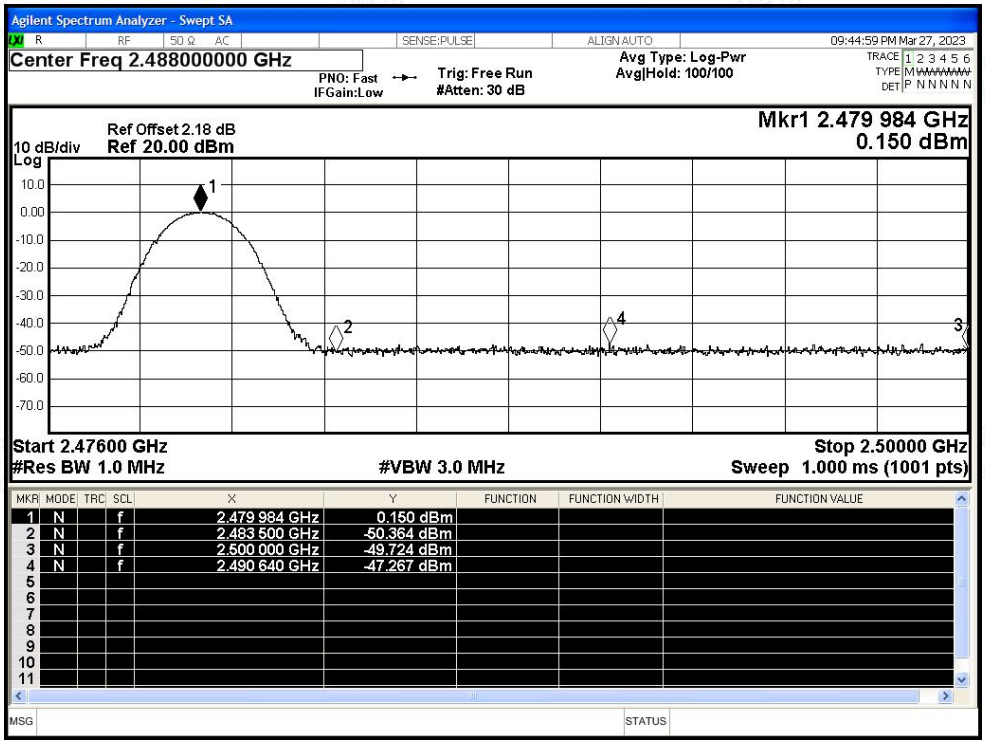
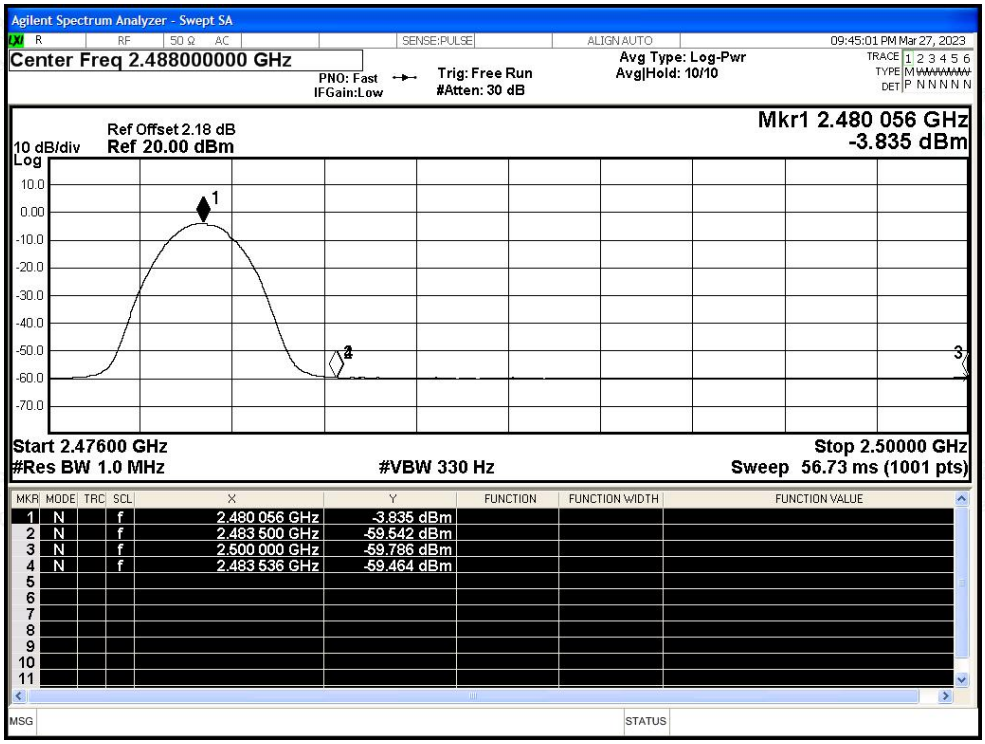
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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