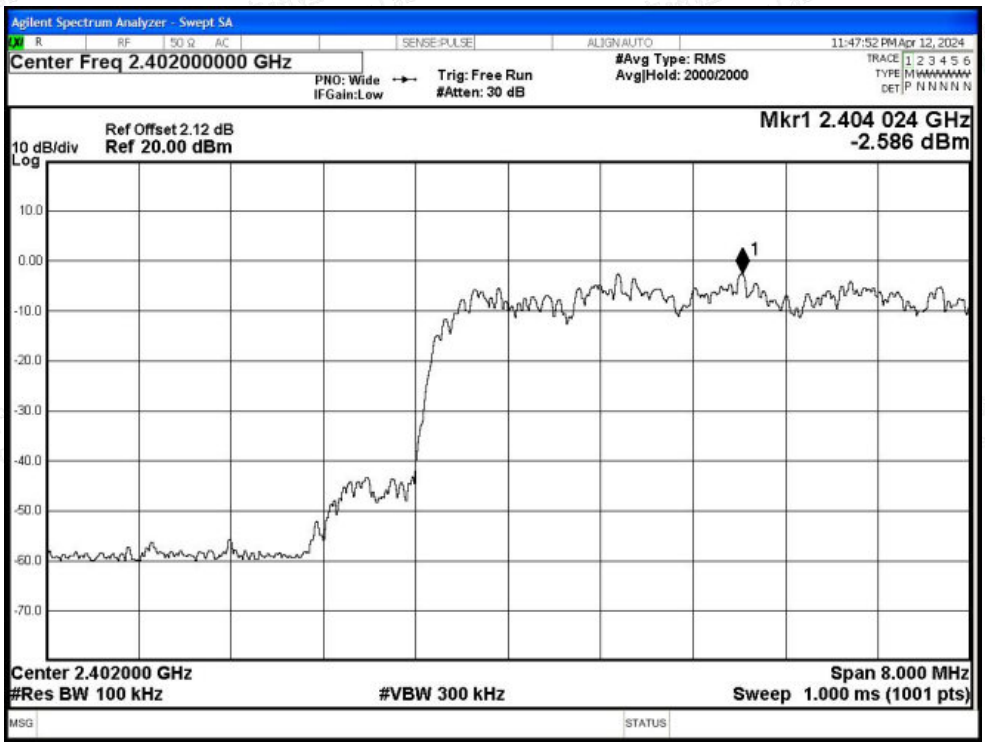
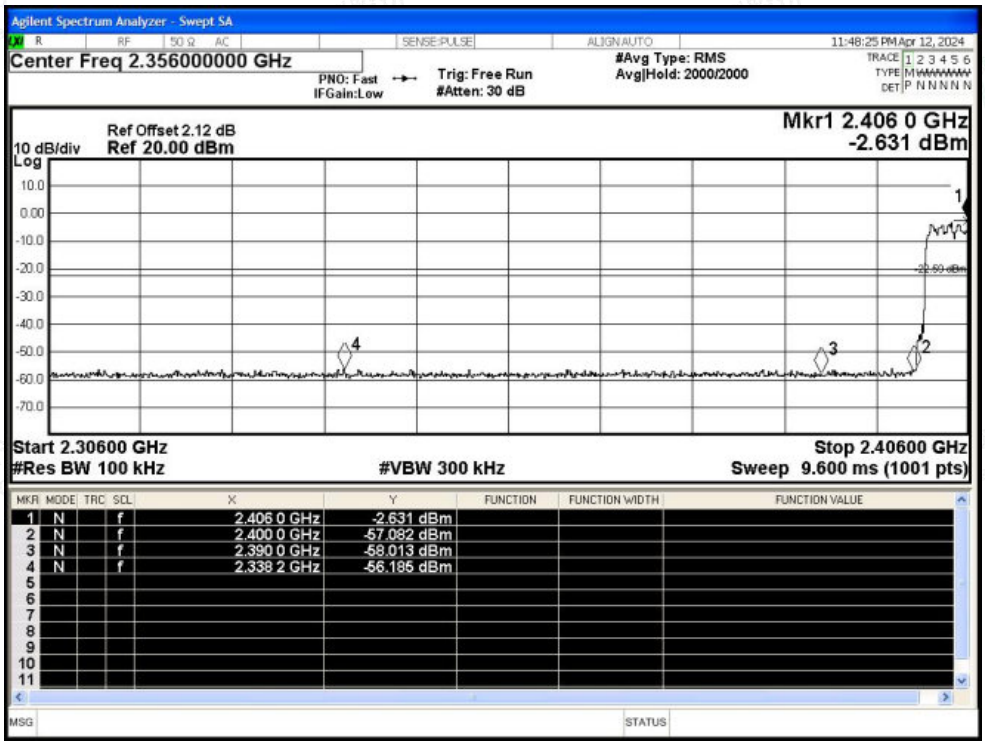
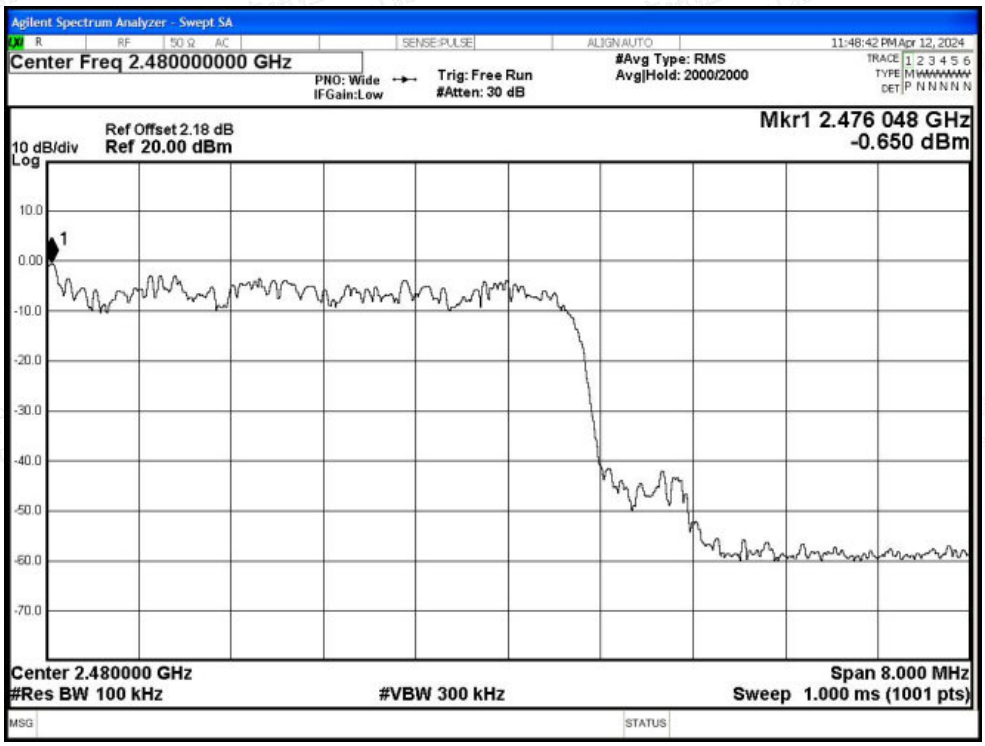
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



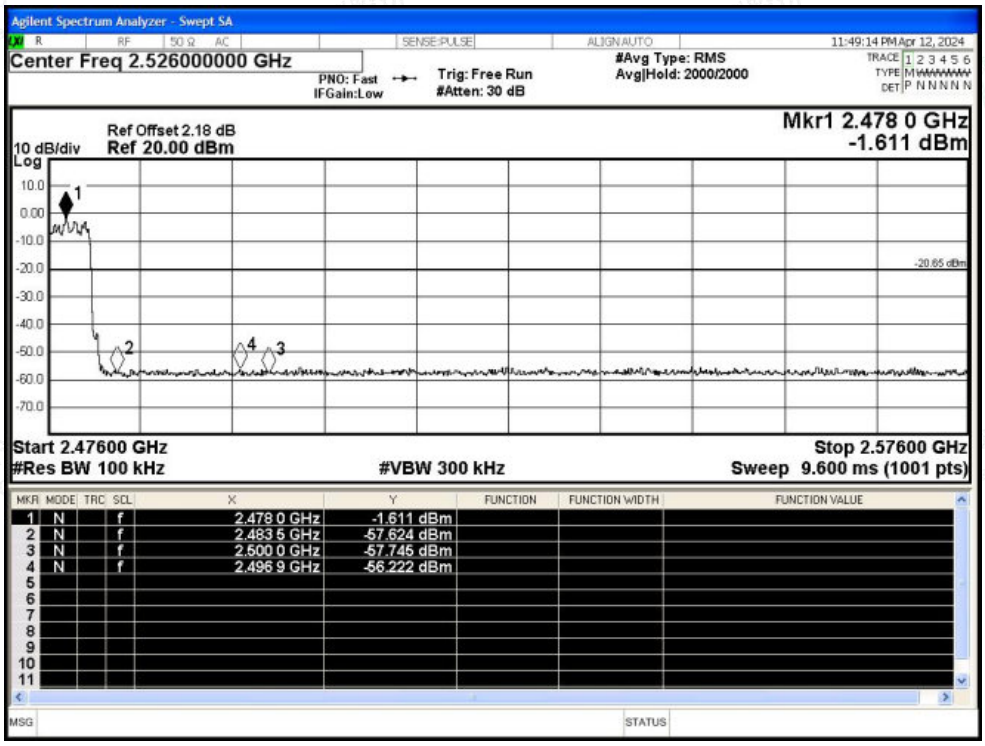
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

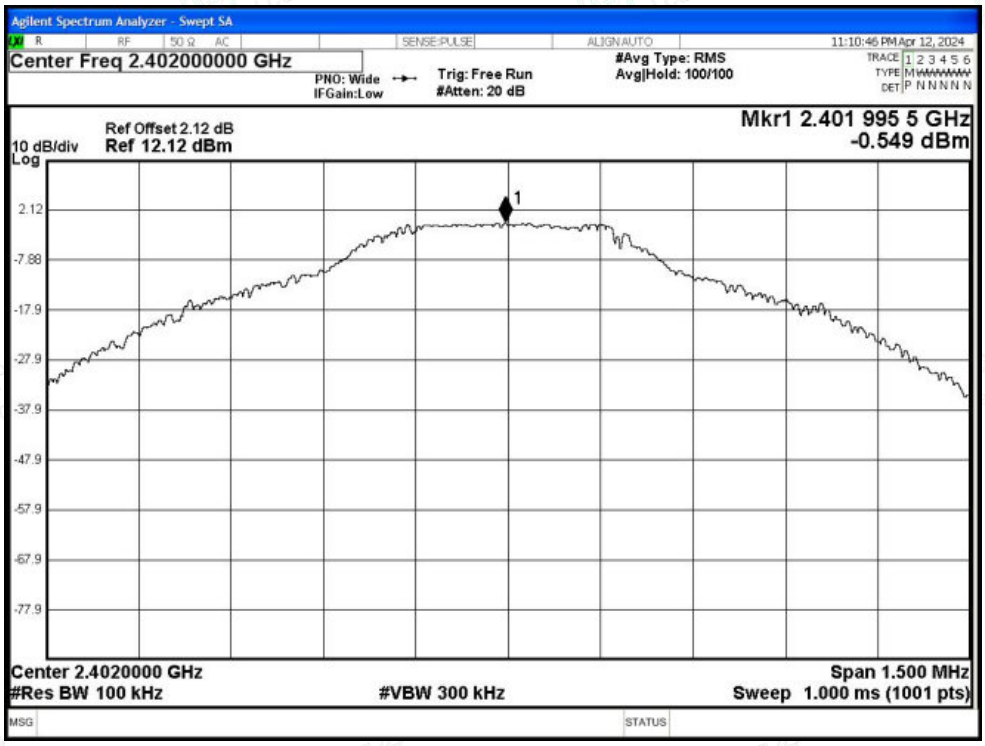


A.7 Conducted RF Spurious Emission

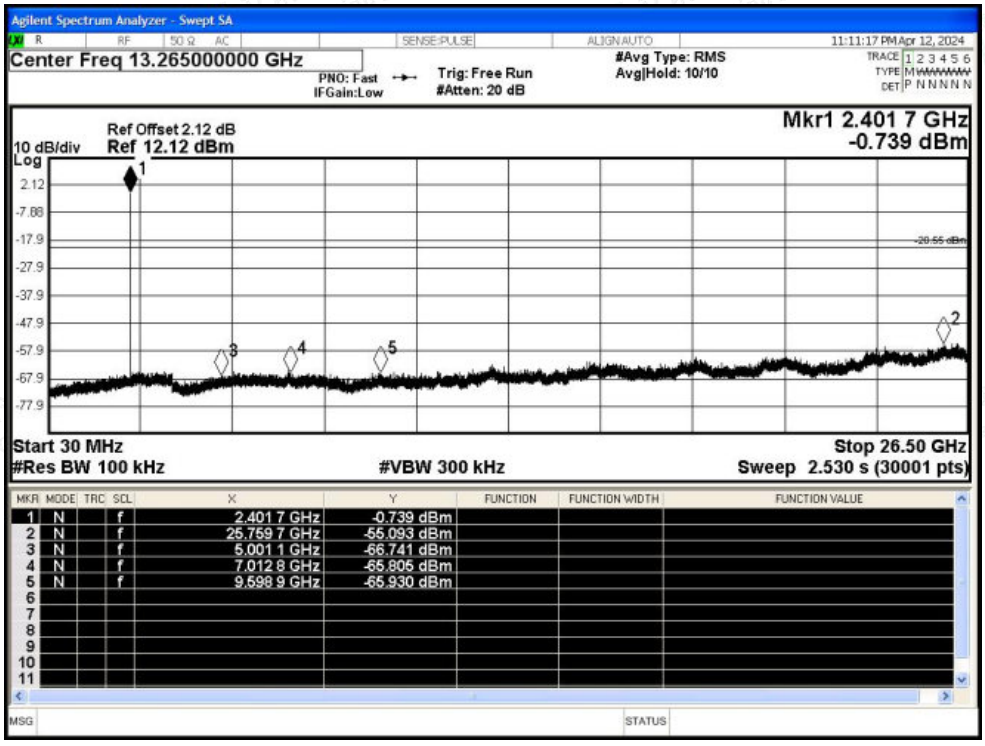
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.54	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.77	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.8	-20	Pass
NVNT	2-DH5	2402	Ant1	-54.12	-20	Pass
NVNT	2-DH5	2441	Ant1	-54.51	-20	Pass
NVNT	2-DH5	2480	Ant1	-55.05	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.62	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.41	-20	Pass
NVNT	3-DH5	2480	Ant1	-55.29	-20	Pass

Test Graphs

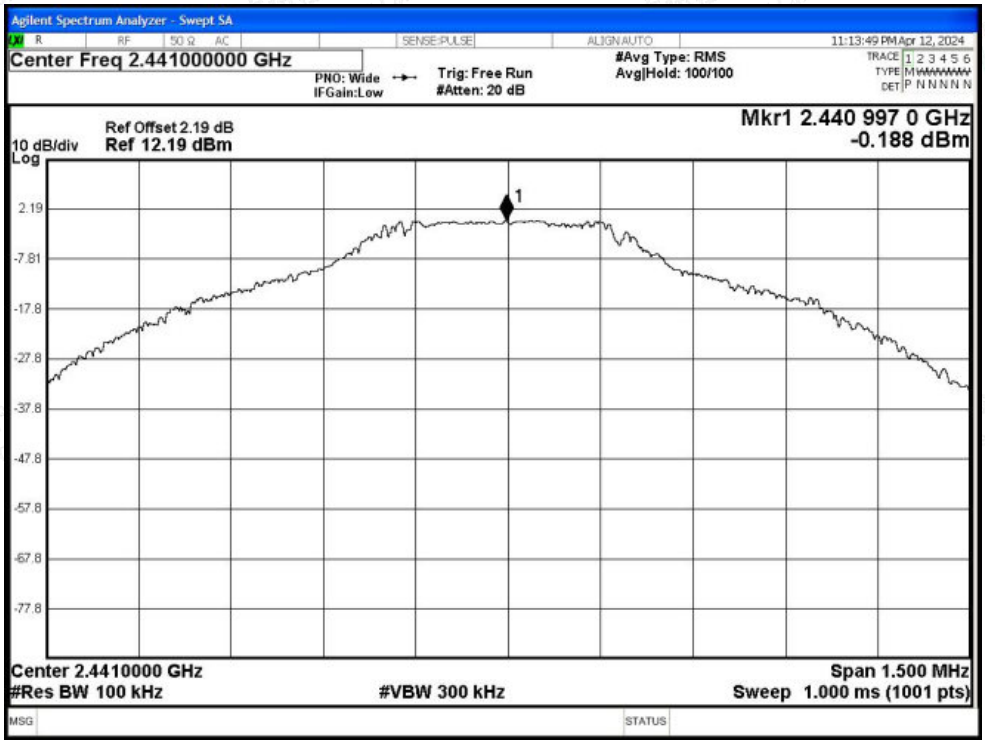
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



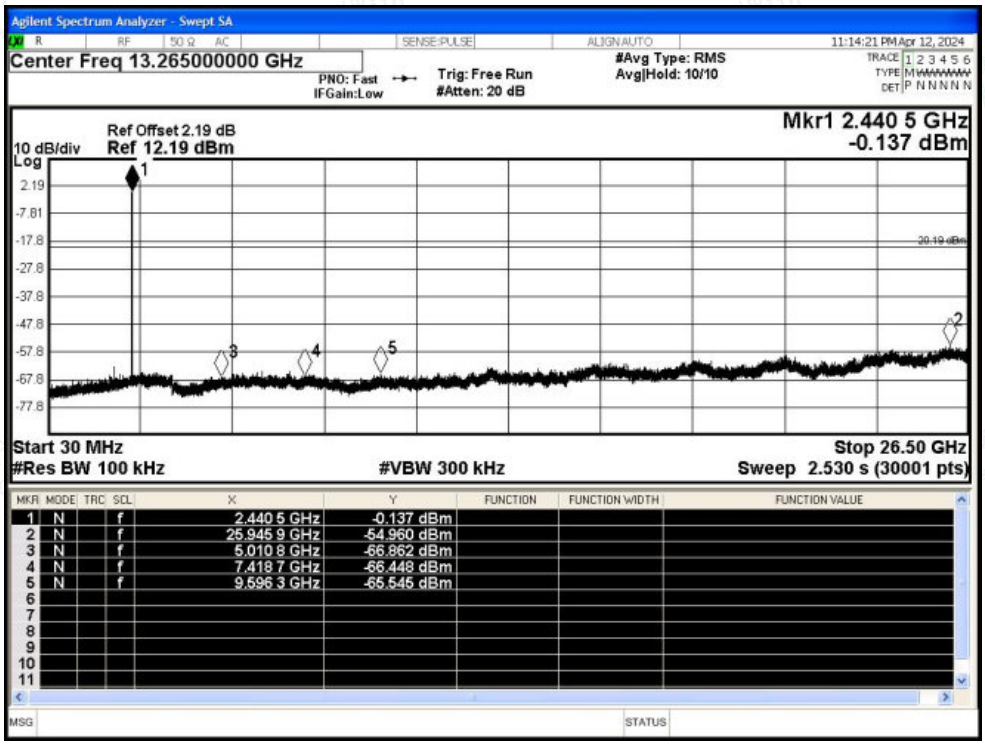
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



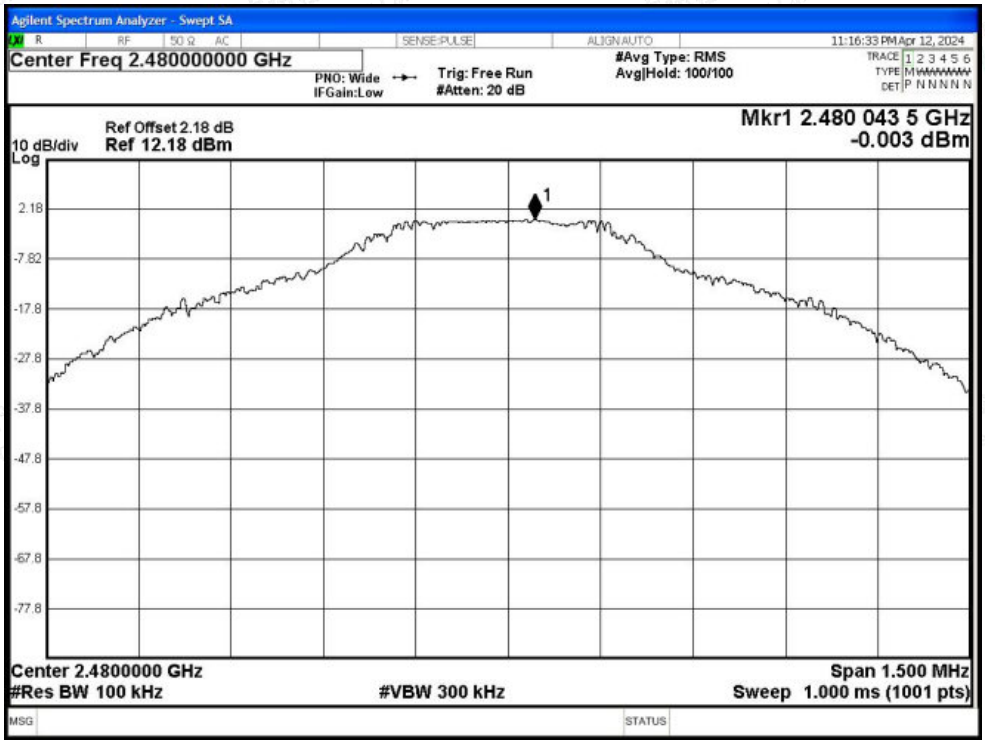
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



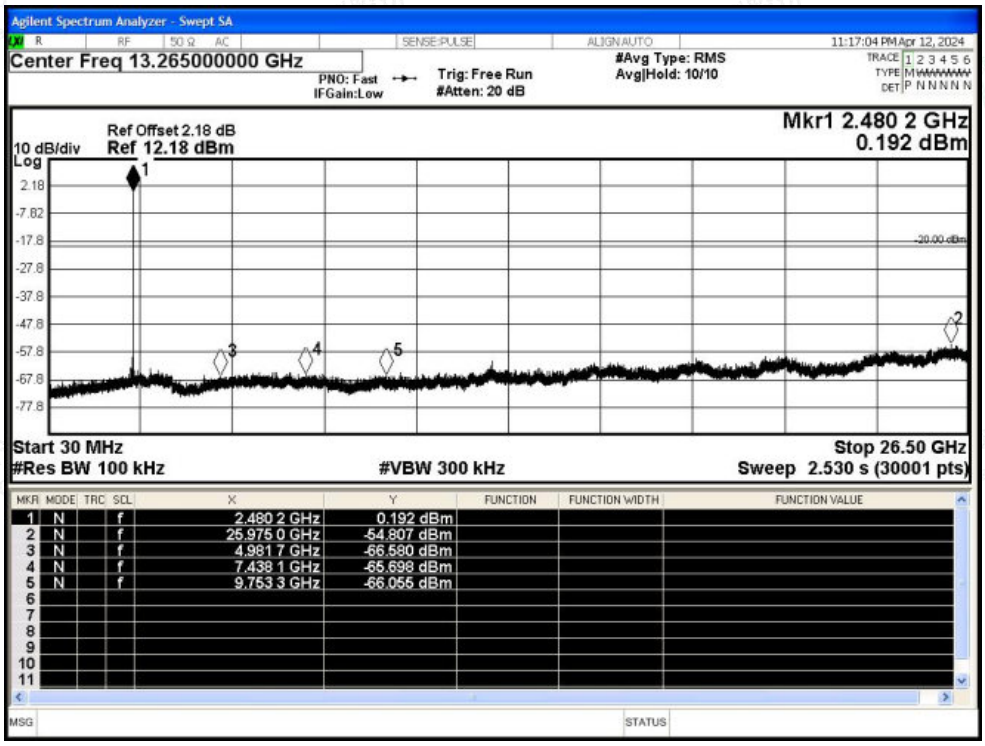
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



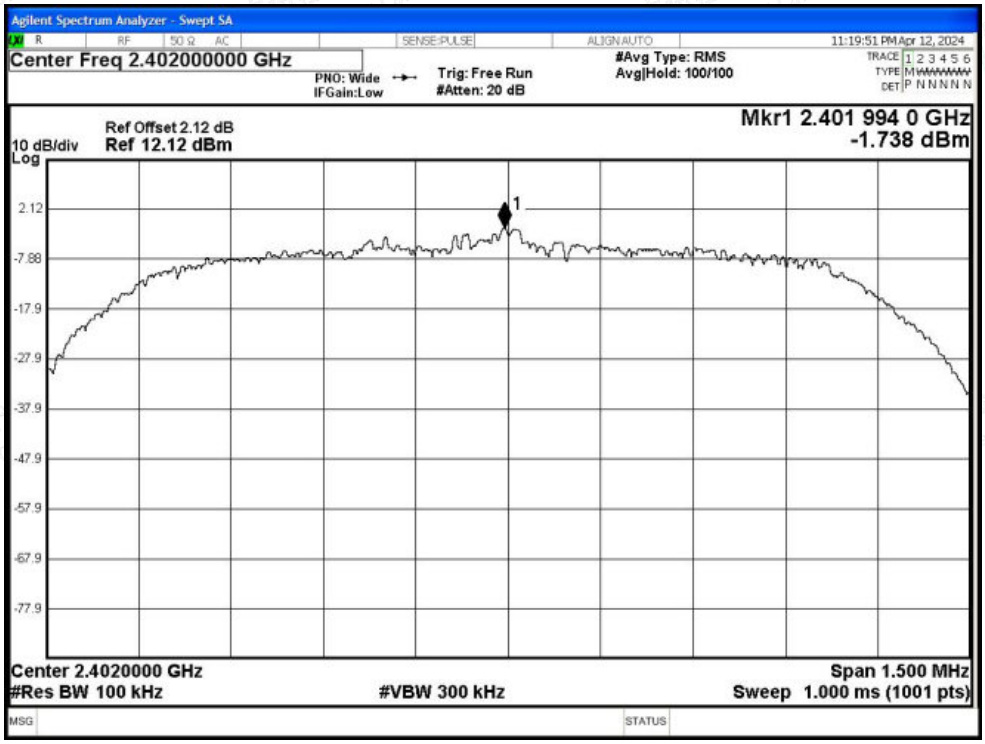
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



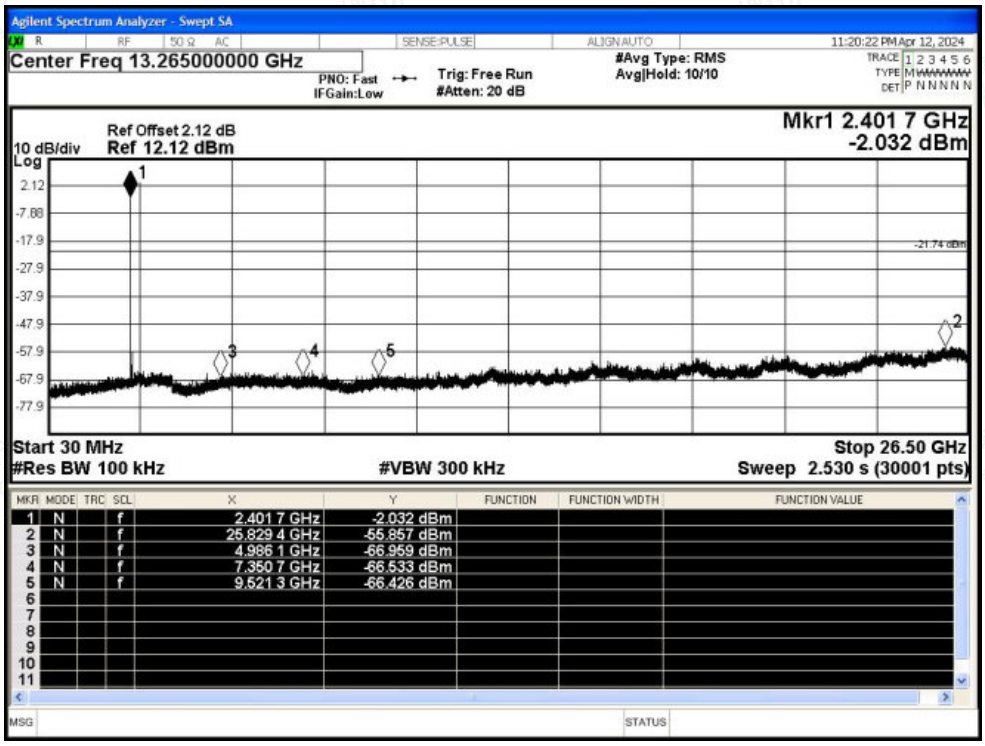
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



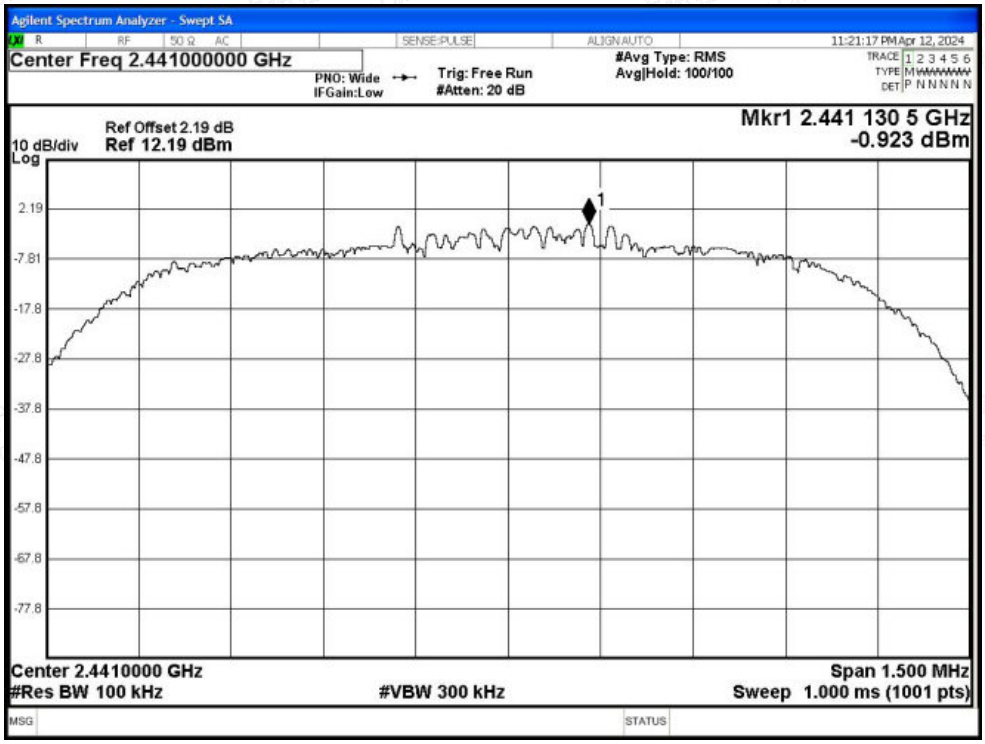
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



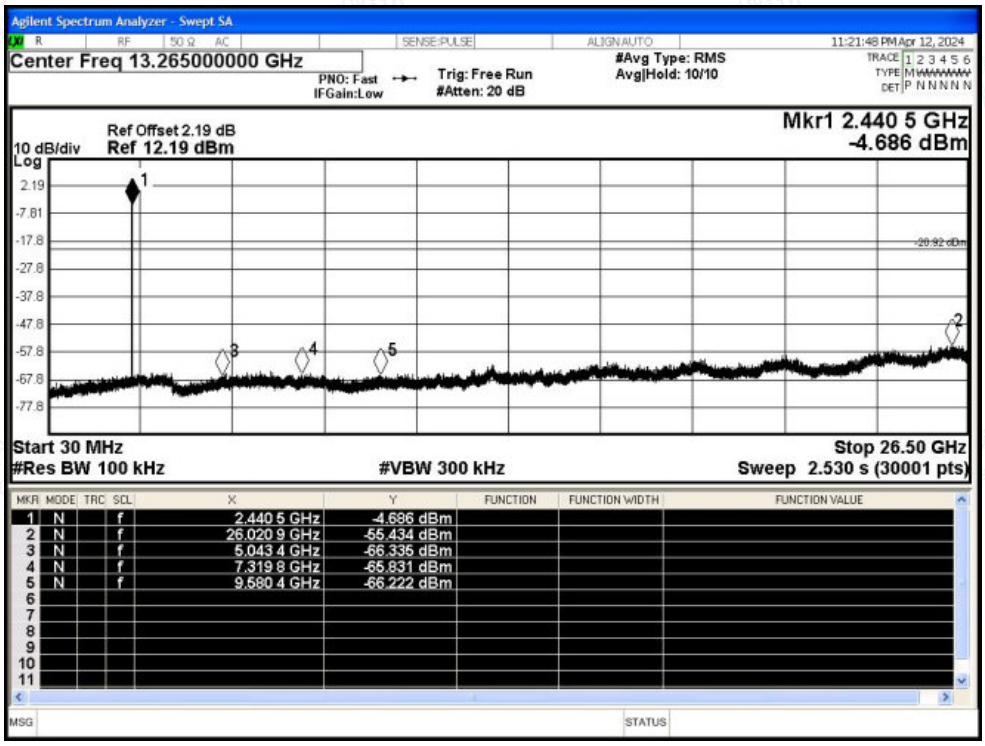
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



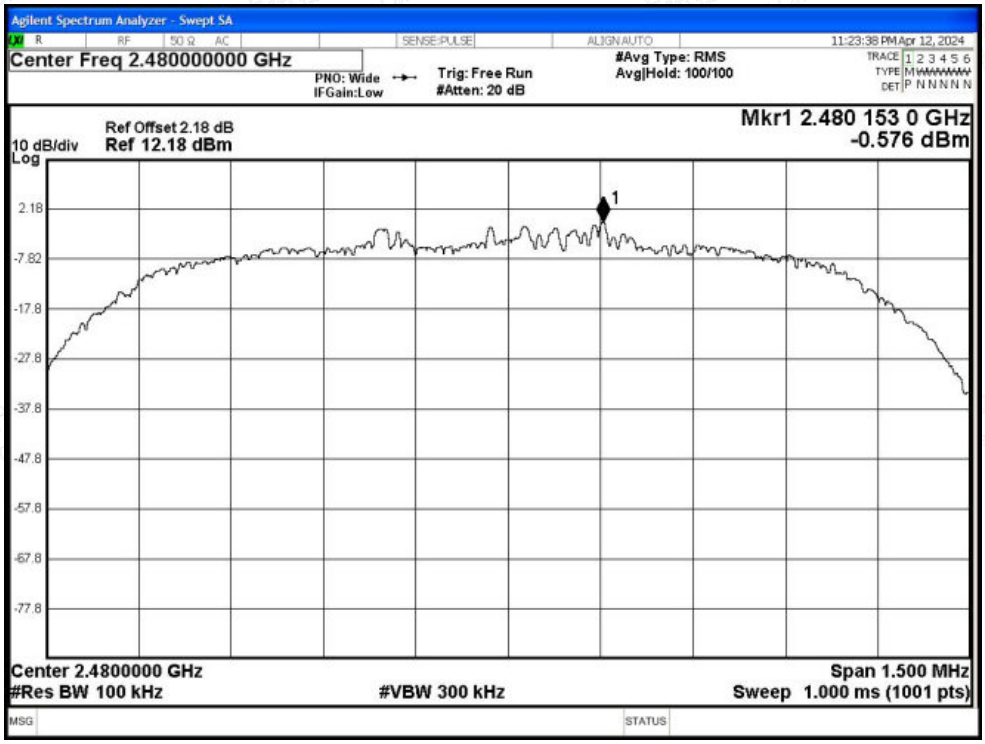
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



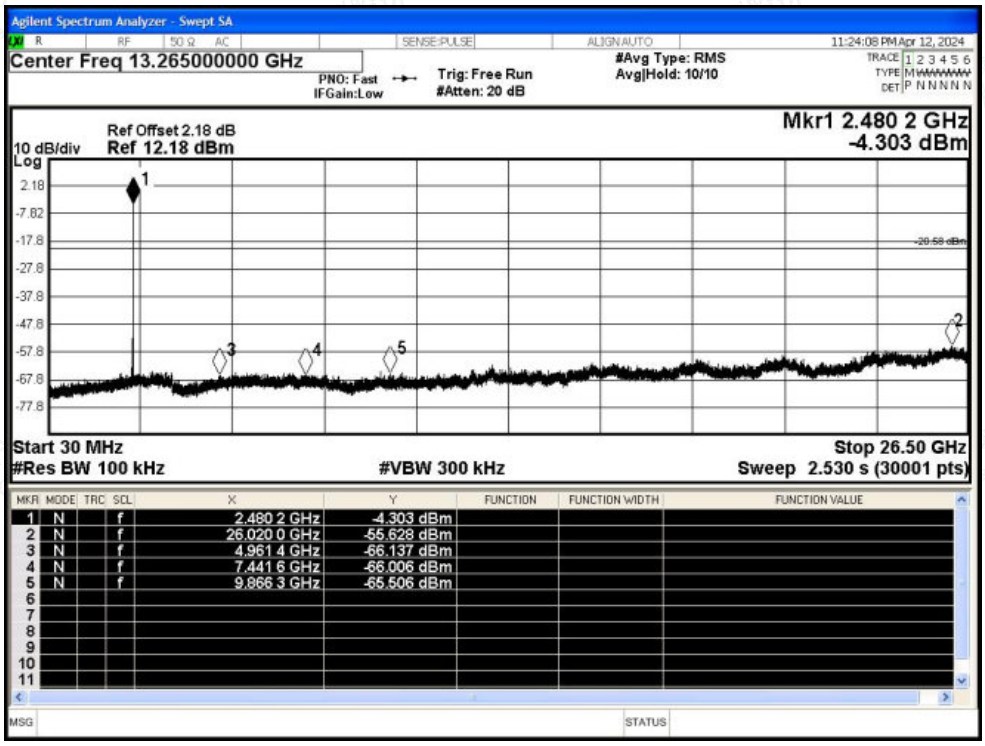
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



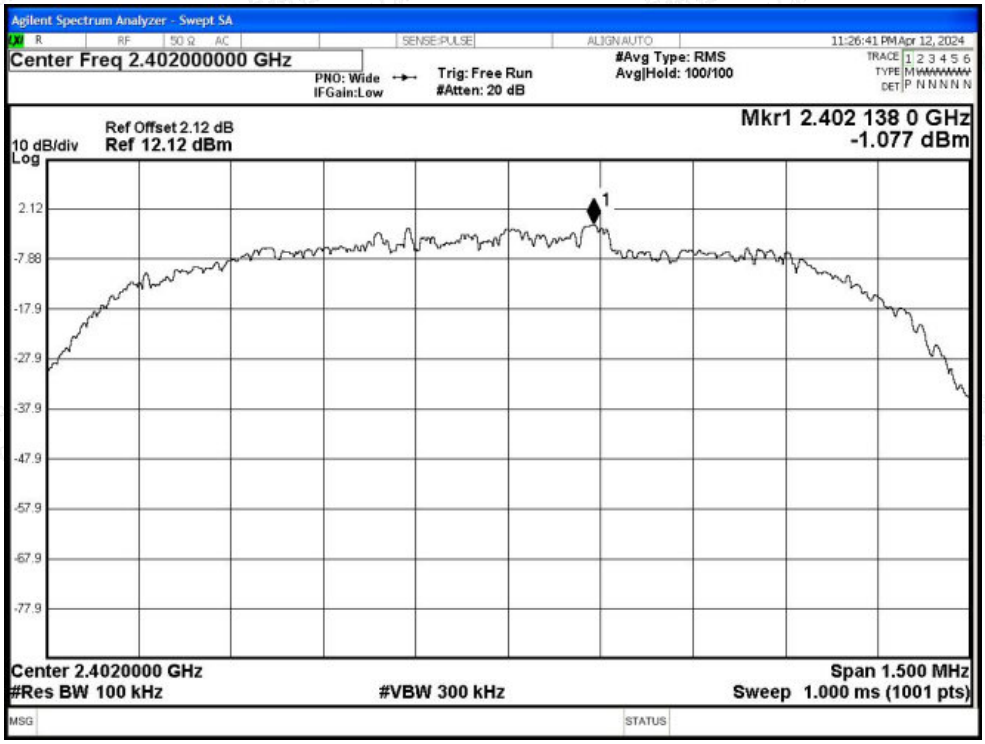
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



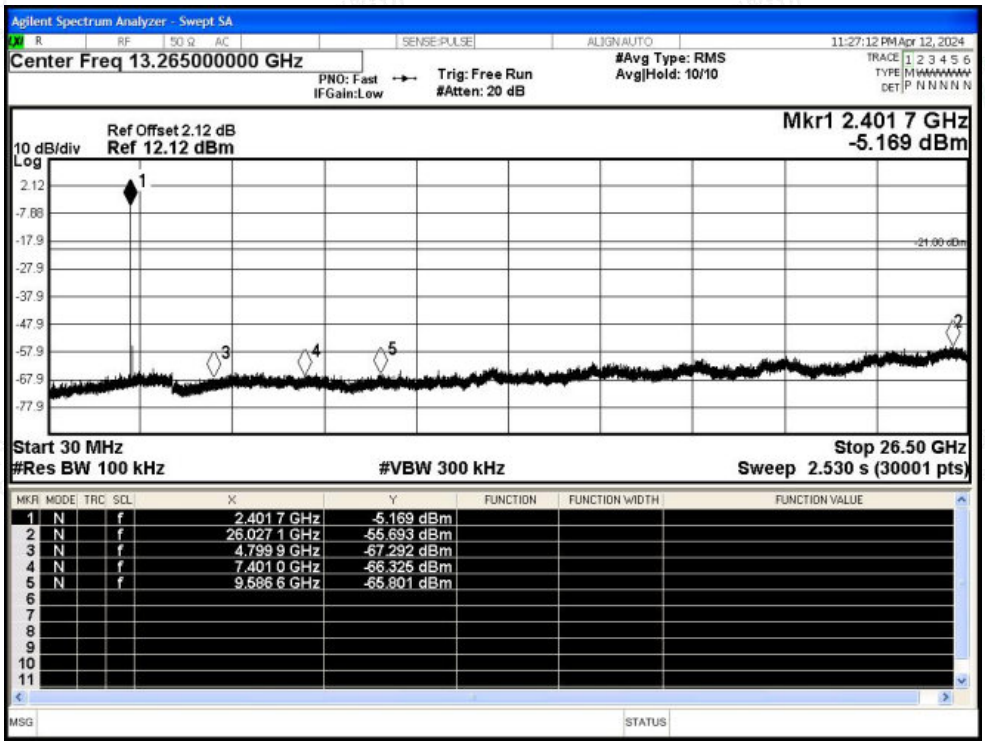
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



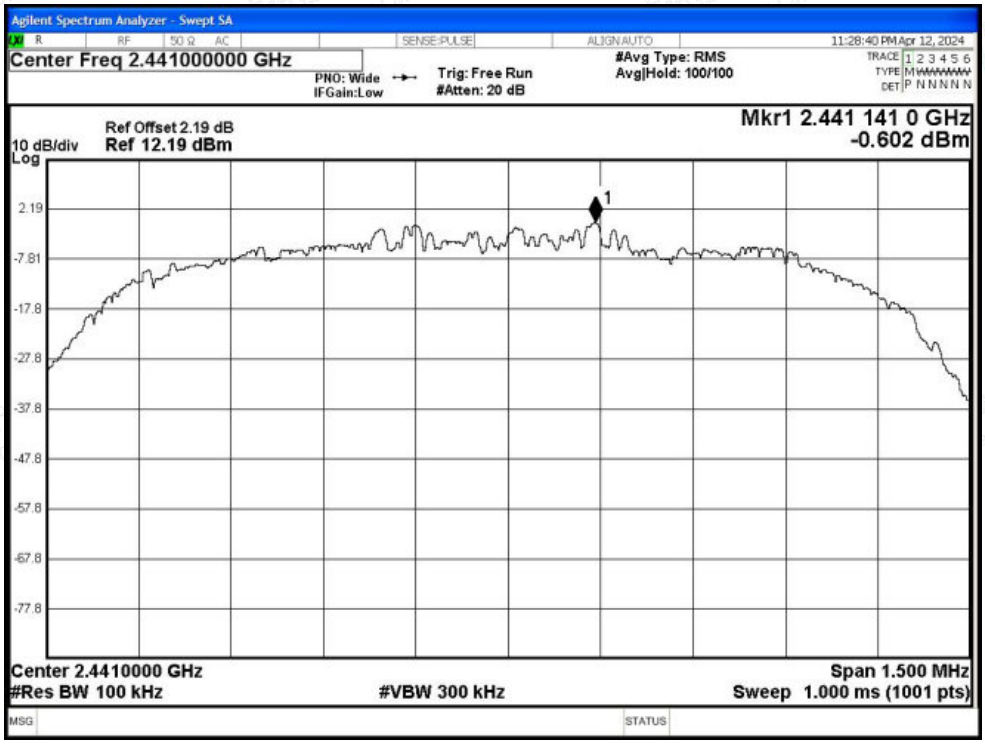
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



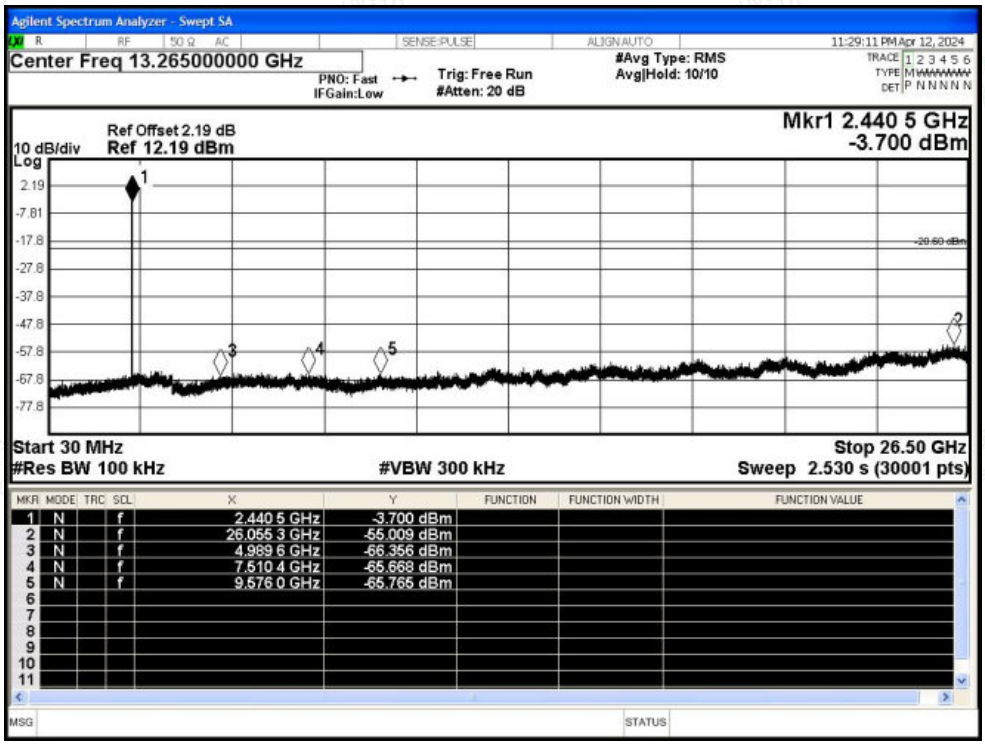
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



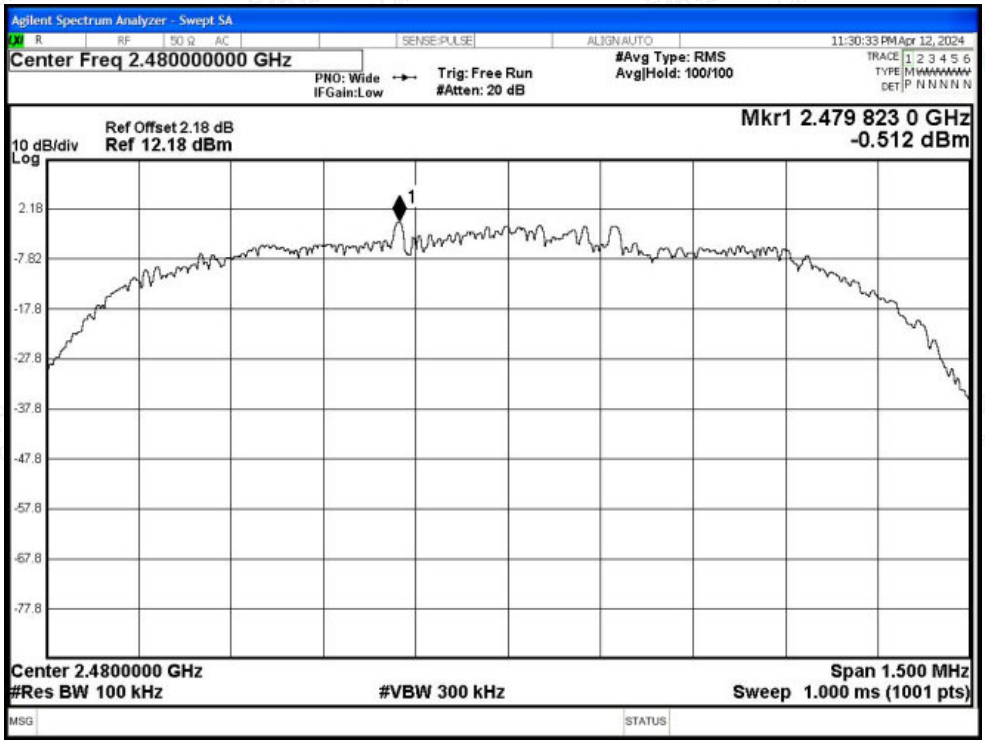
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



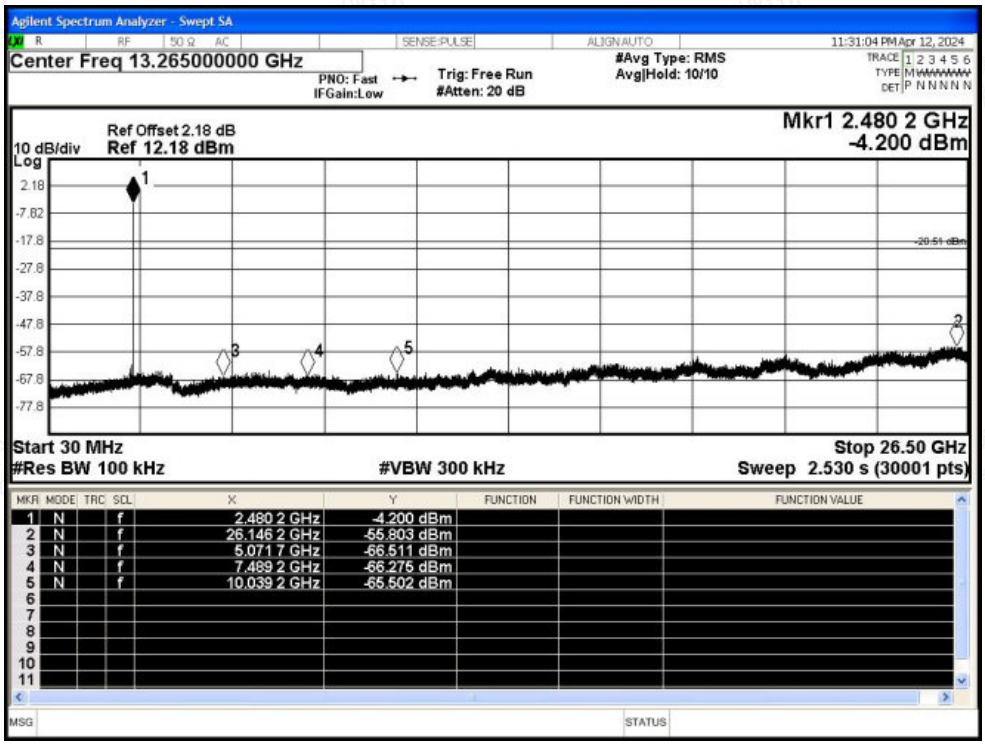
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

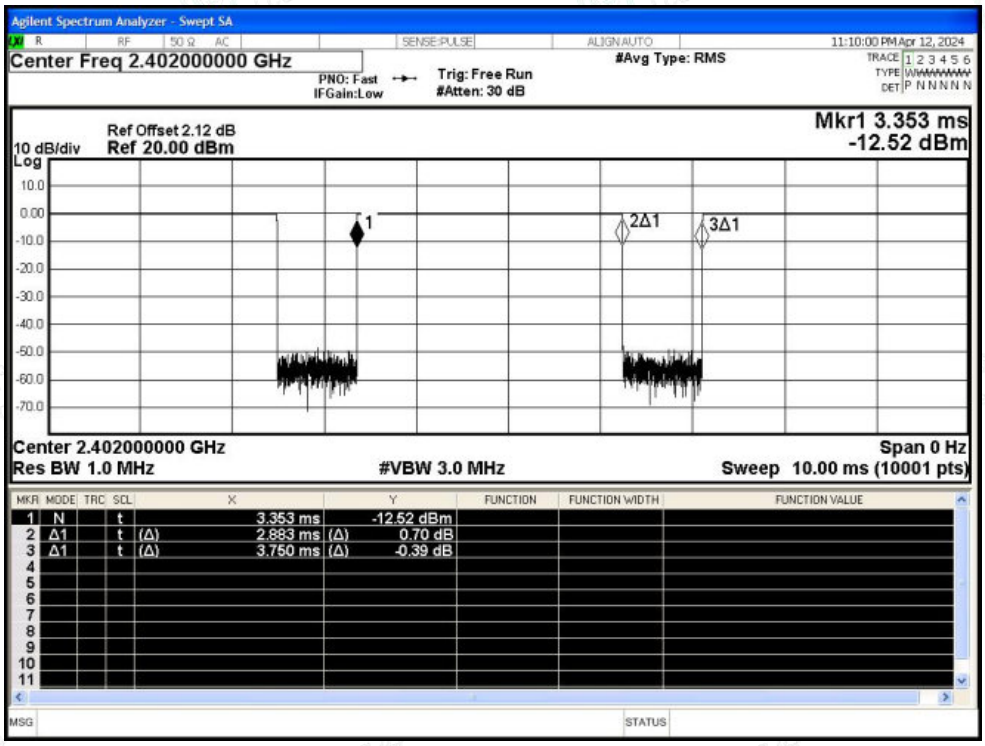


A.8 Duty Cycle

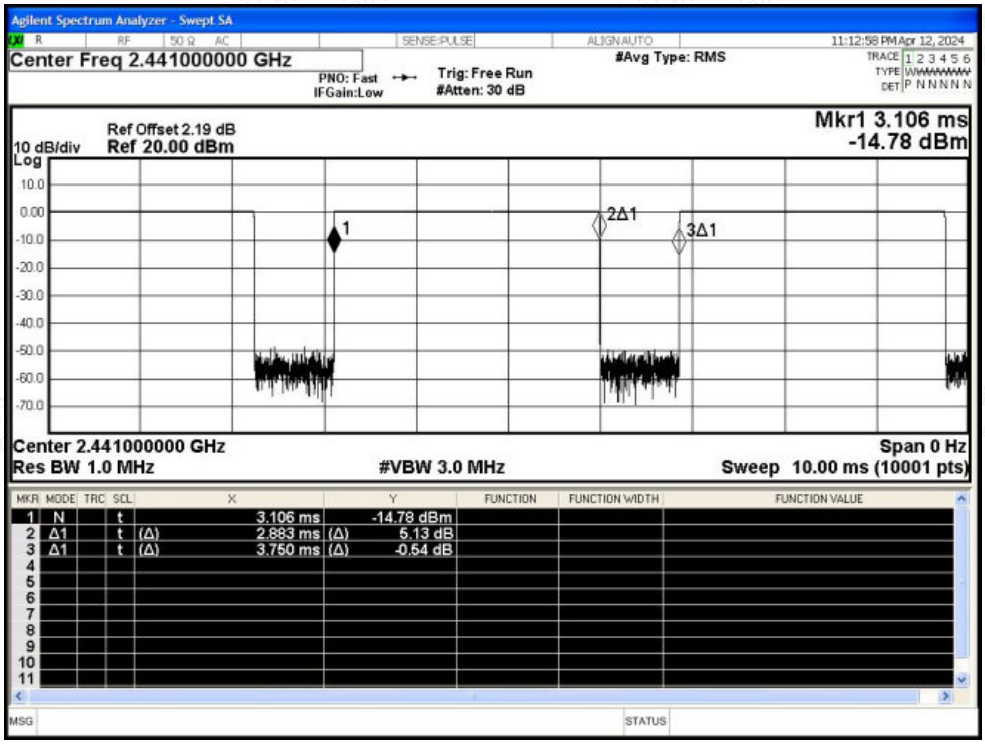
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2441	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.88	1.14	0.35
NVNT	2-DH5	2402	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2441	Ant1	76.96	1.14	0.35
NVNT	2-DH5	2480	Ant1	76.96	1.14	0.35
NVNT	3-DH5	2402	Ant1	77.04	1.13	0.35
NVNT	3-DH5	2441	Ant1	77.02	1.13	0.35
NVNT	3-DH5	2480	Ant1	77.01	1.13	0.35

Test Graphs

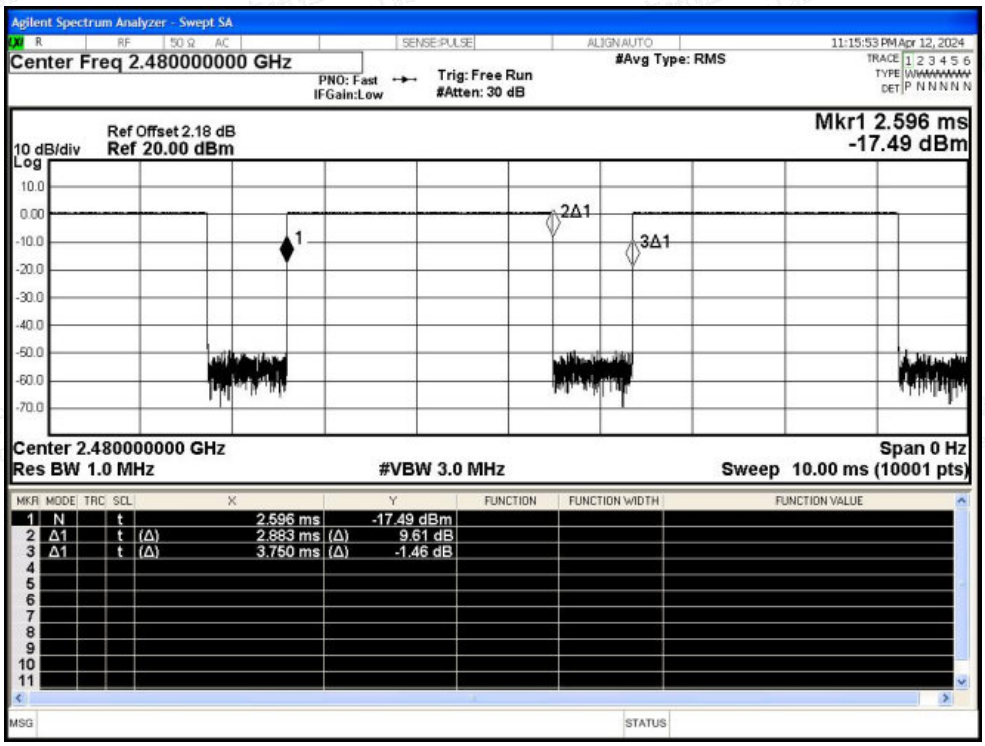
Duty Cycle NVNT 1-DH5 2402MHz Ant1



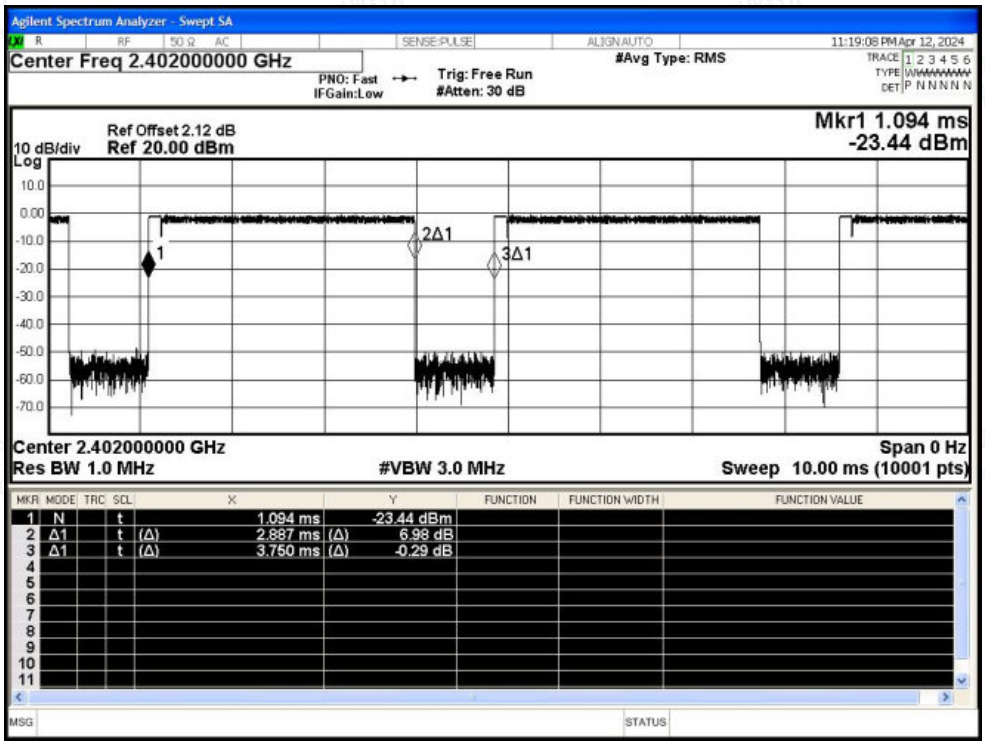
Duty Cycle NVNT 1-DH5 2441MHz Ant1



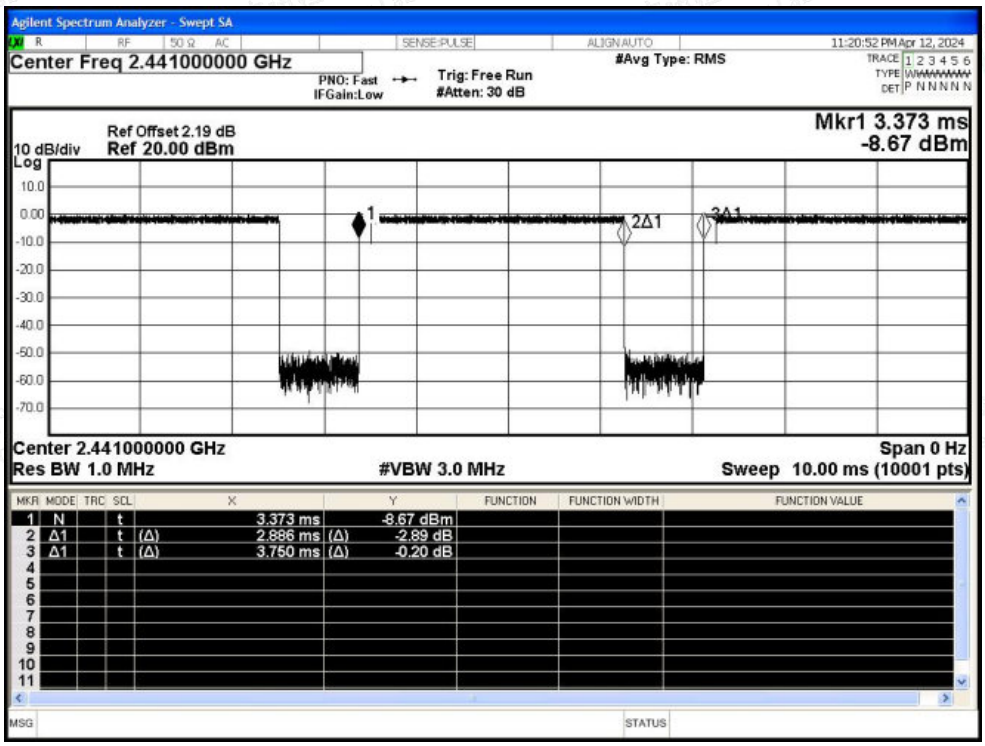
Duty Cycle NVNT 1-DH5 2480MHz Ant1



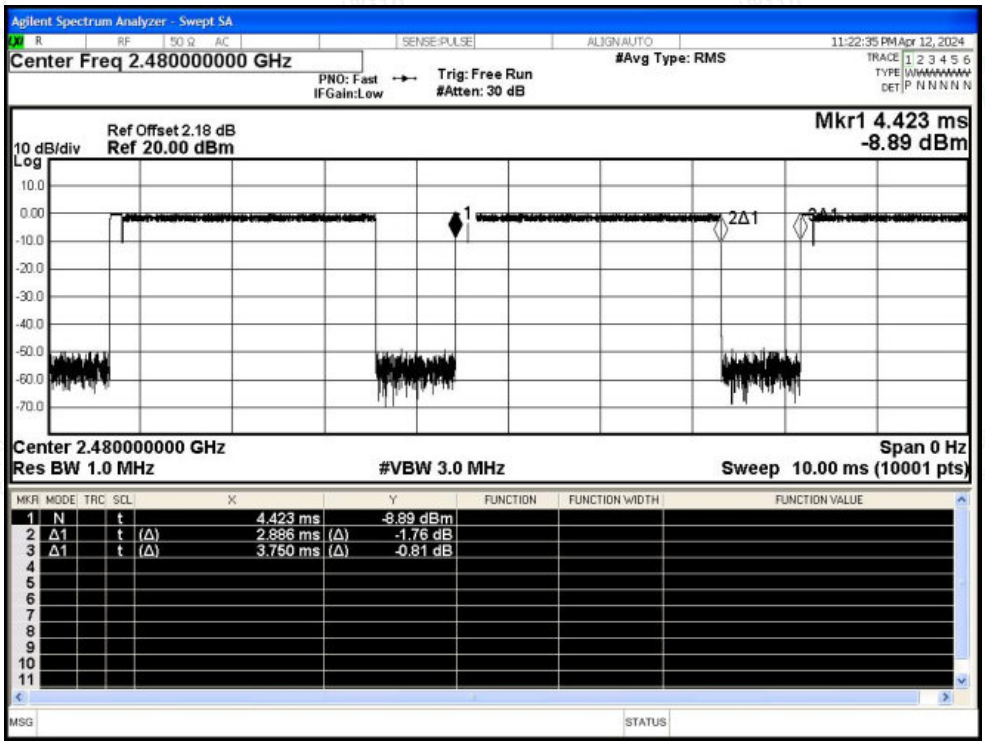
Duty Cycle NVNT 2-DH5 2402MHz Ant1



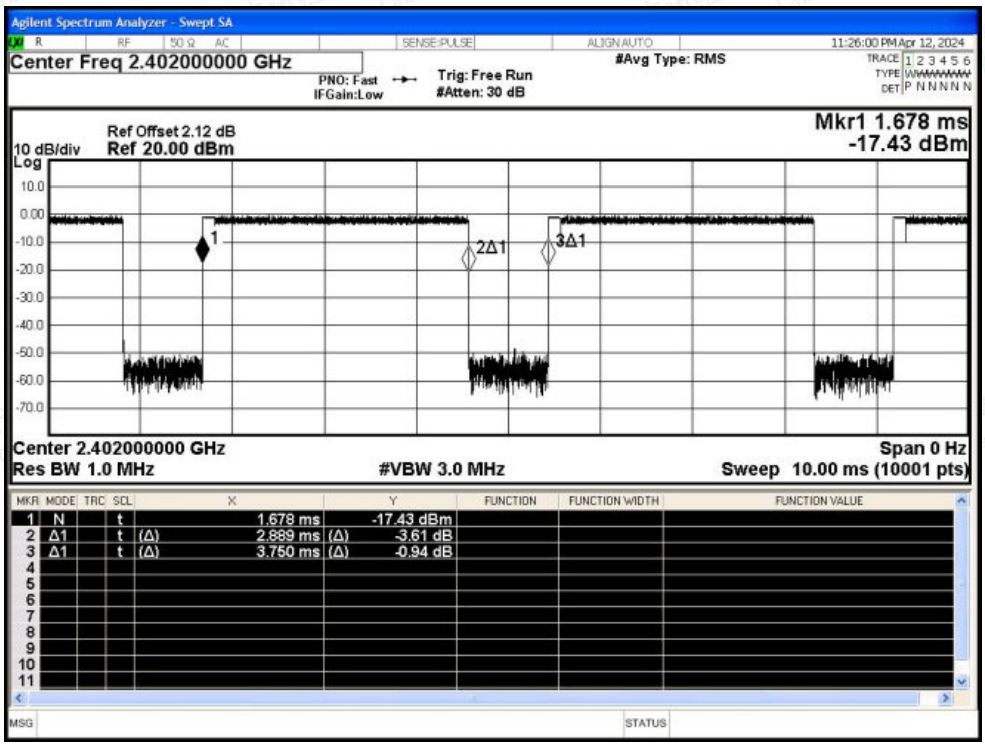
Duty Cycle NVNT 2-DH5 2441MHz Ant1



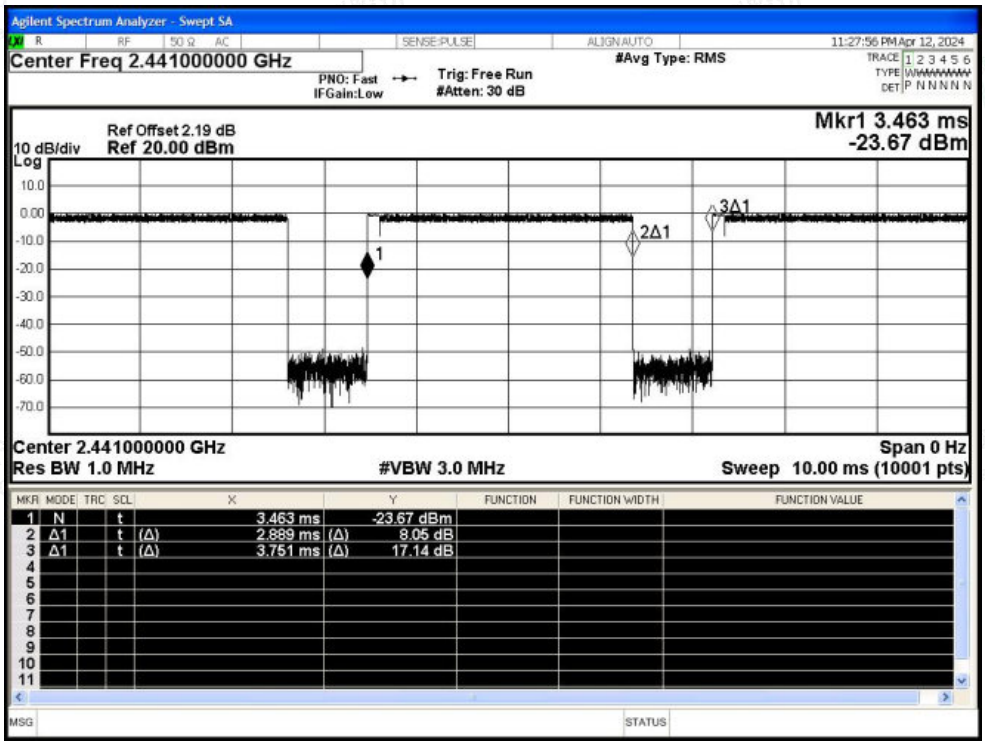
Duty Cycle NVNT 2-DH5 2480MHz Ant1



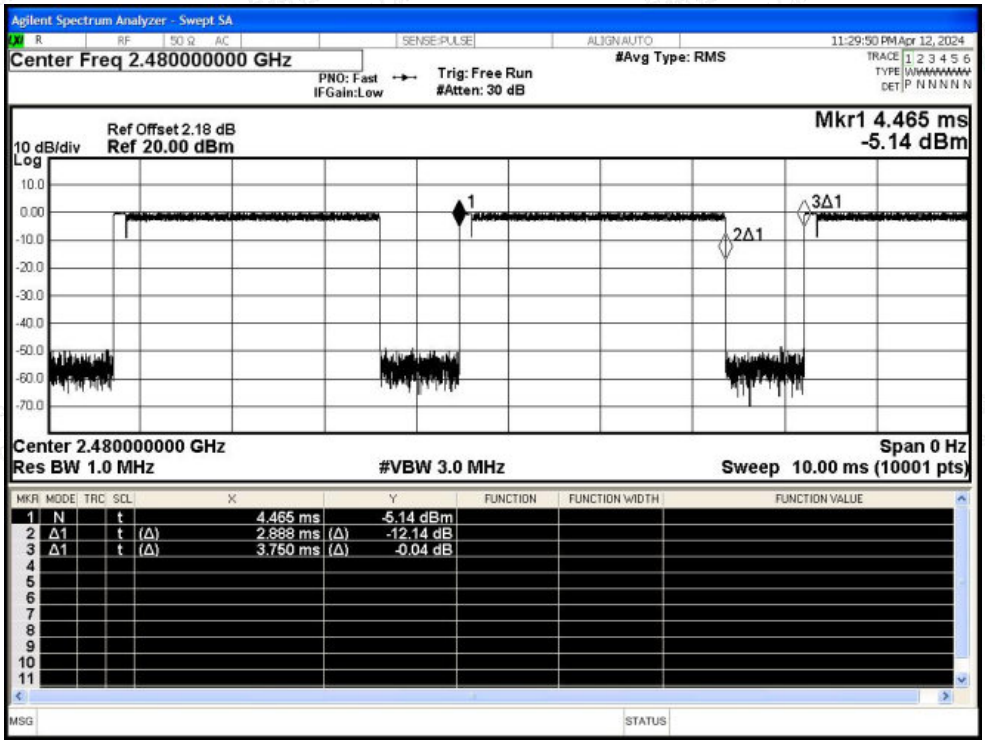
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

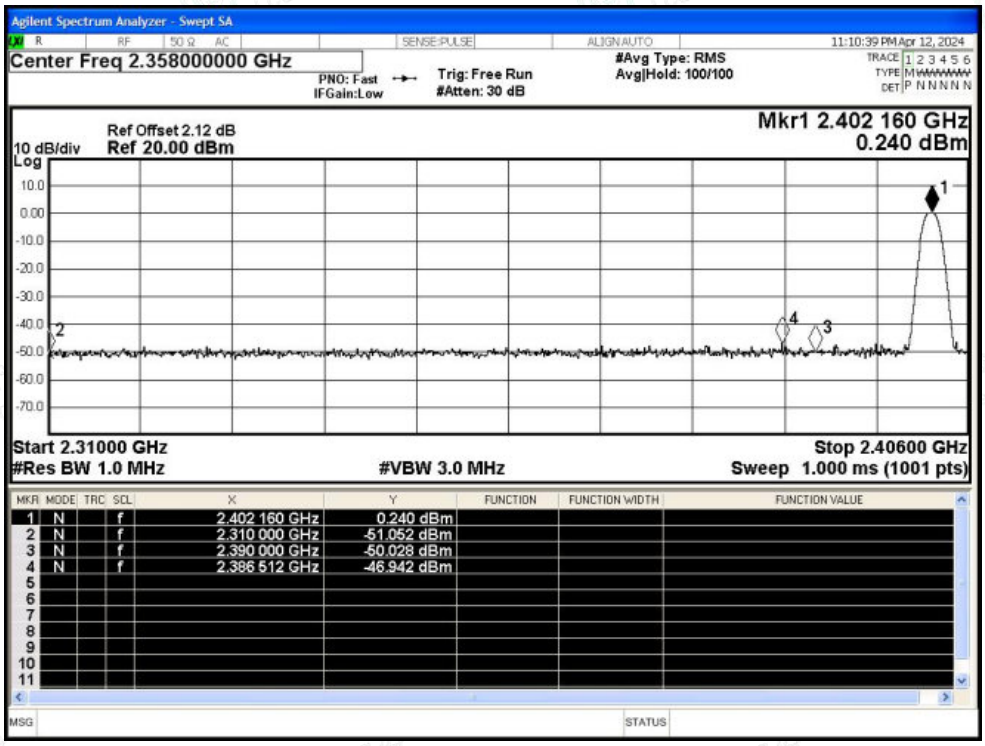


A.9 Restrict Band

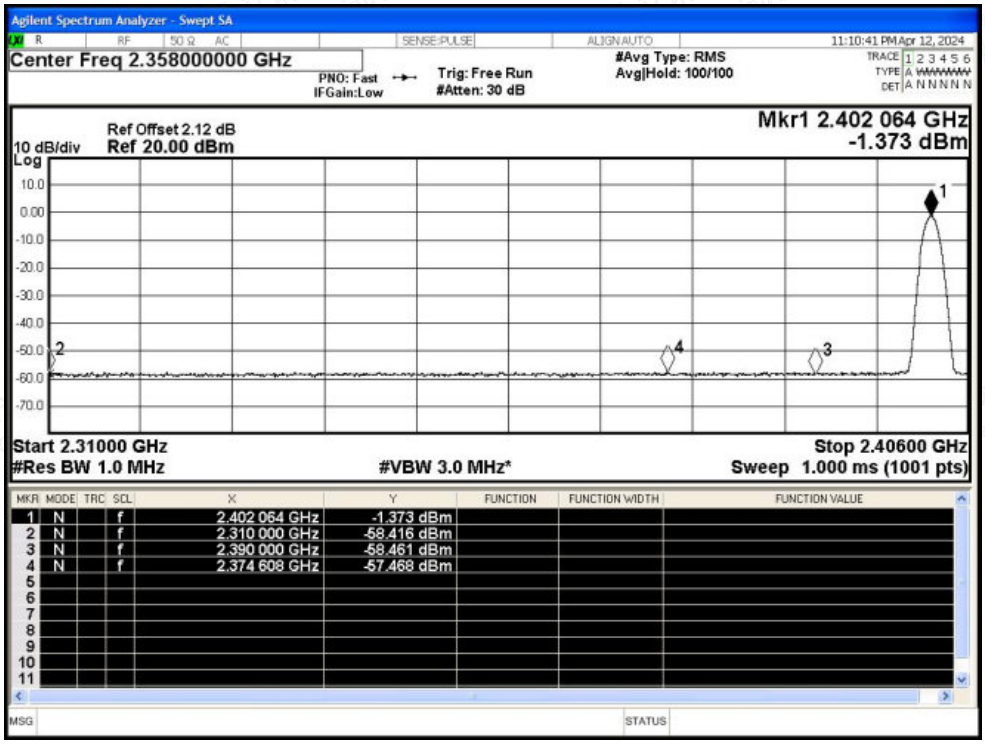
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.05	2	-	46.21	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.42	2	1.14	39.98	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2386.512	-46.94	2	-	50.32	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2374.608	-57.47	2	1.14	40.93	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.03	2	-	47.23	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.46	2	1.14	39.94	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	-57.98	2	1.14	40.42	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2489.584	-47.08	2	-	50.18	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2499.304	-56.93	2	1.14	41.47	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.8	2	-	46.46	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-58.19	2	1.14	40.21	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-51.86	2	-	45.4	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.67	2	1.14	39.73	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2370.864	-47.47	2	-	49.79	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2389.968	-57.52	2	1.14	40.88	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.32	2	-	47.94	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.52	2	1.14	40.88	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.26	2	-	49	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-58.03	2	1.14	40.37	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2487.928	-46.46	2	-	50.8	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2492.44	-56.9	2	1.14	41.5	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.43	2	-	46.83	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.81	2	1.14	40.59	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.78	2	-	47.48	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.58	2	1.13	39.81	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2347.824	-47.36	2	-	49.9	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2379.504	-57.5	2	1.13	40.89	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.75	2	-	47.51	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.43	2	1.13	39.96	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.88	2	-	47.38	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.29	2	1.13	41.1	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2488.12	-46.84	2	-	50.42	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2484.616	-57.07	2	1.13	41.32	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-50.38	2	-	46.88	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-58.33	2	1.13	40.06	Average	54	Pass

Test Graphs

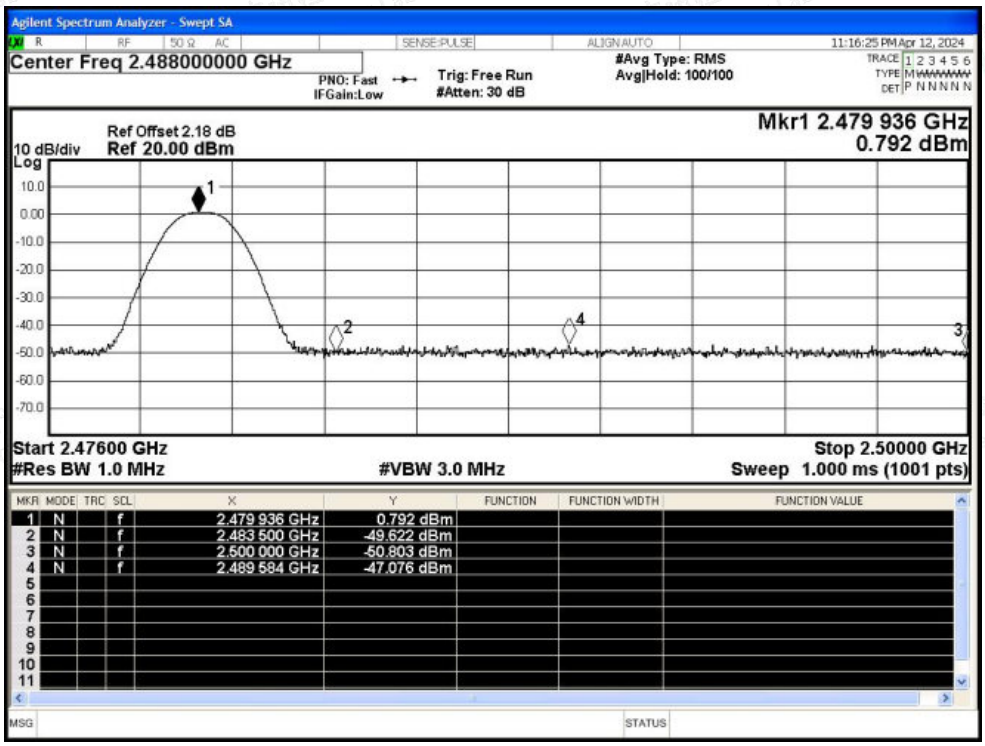
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



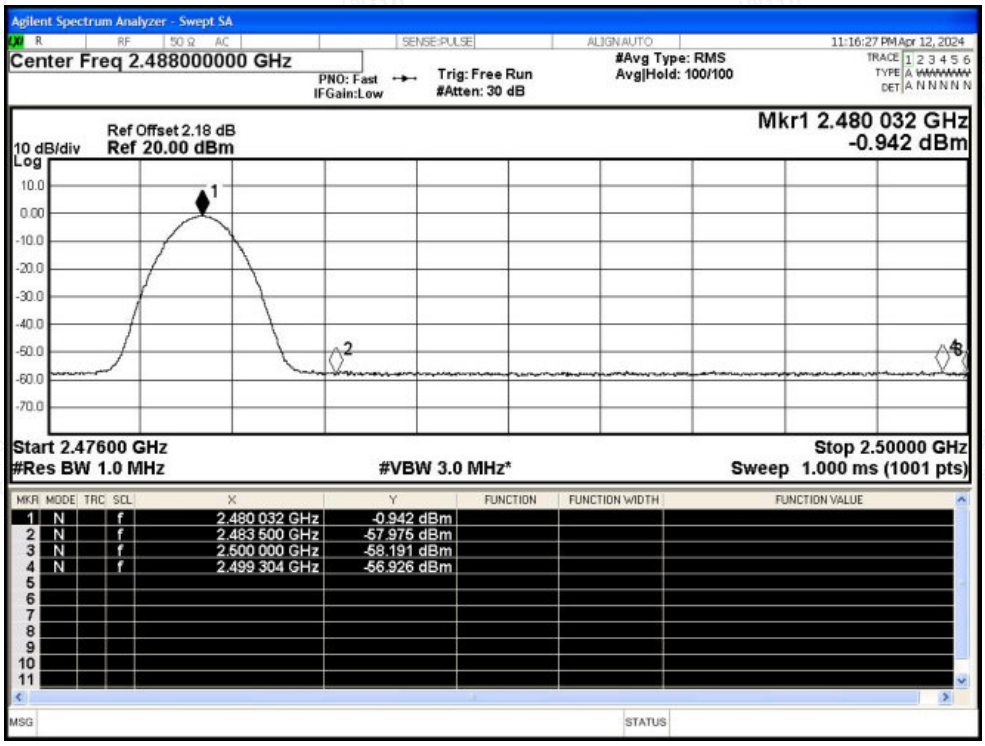
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



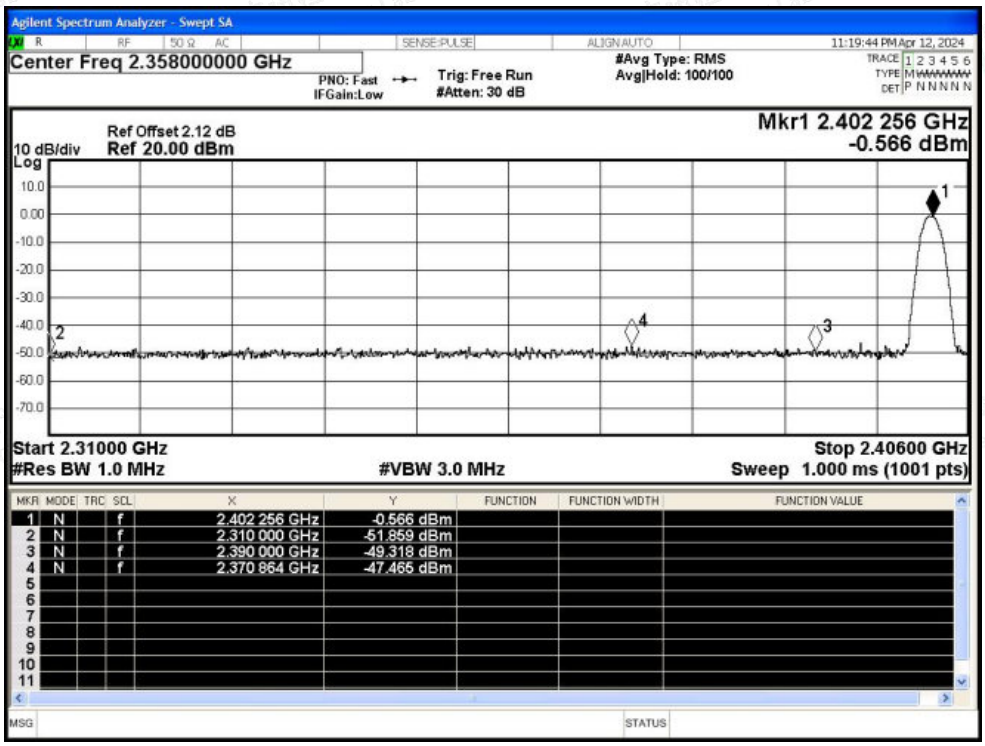
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



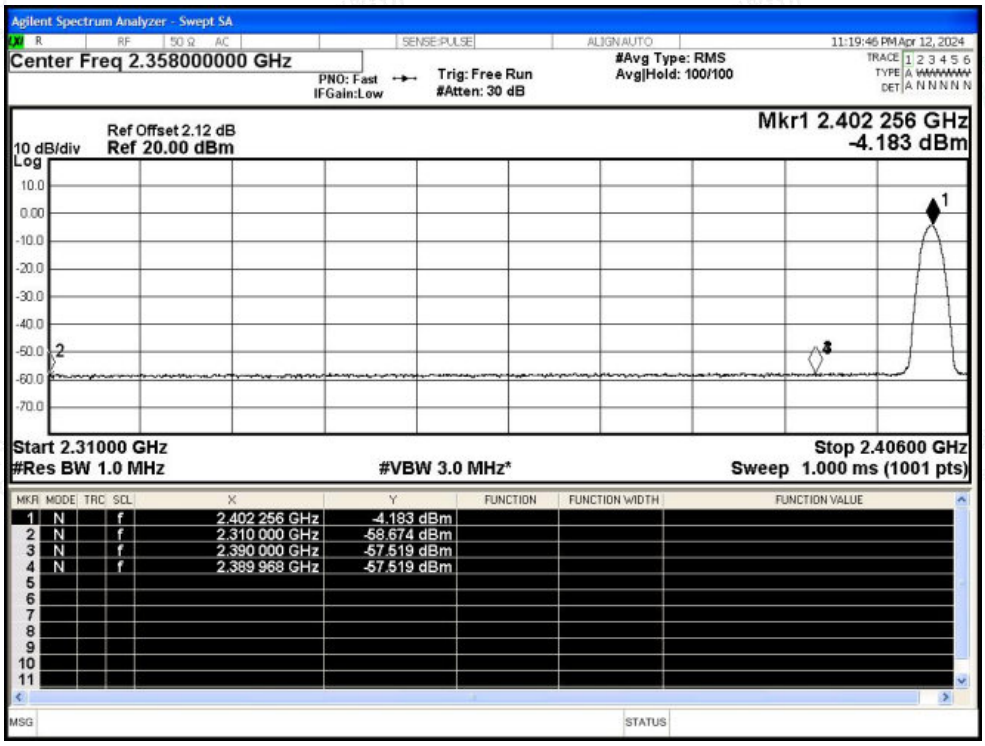
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



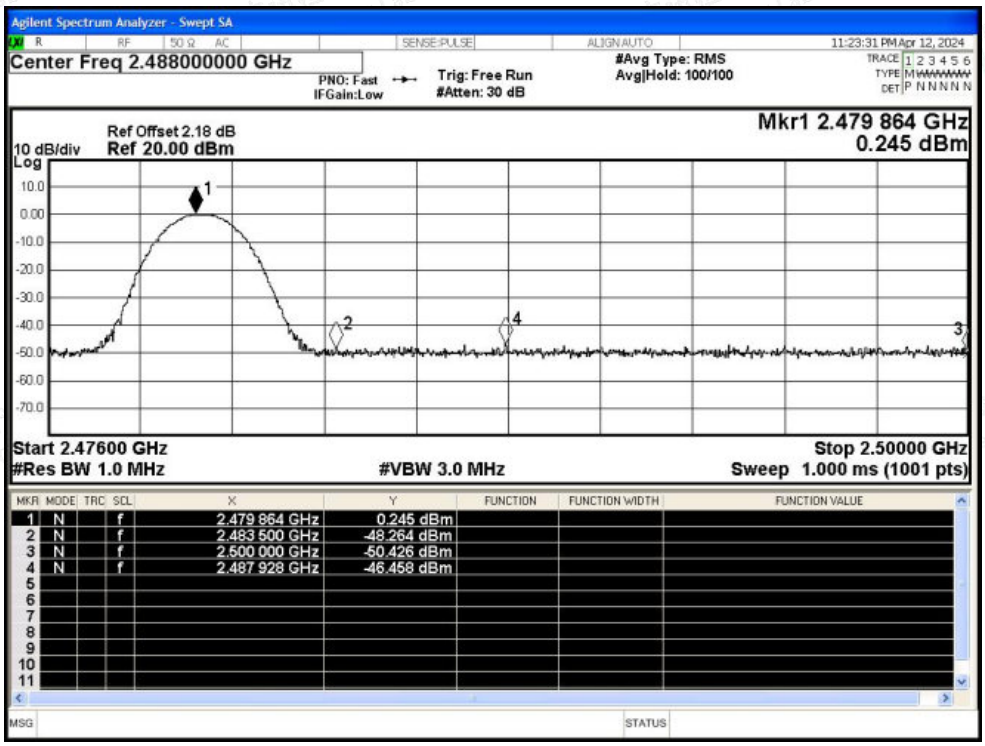
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



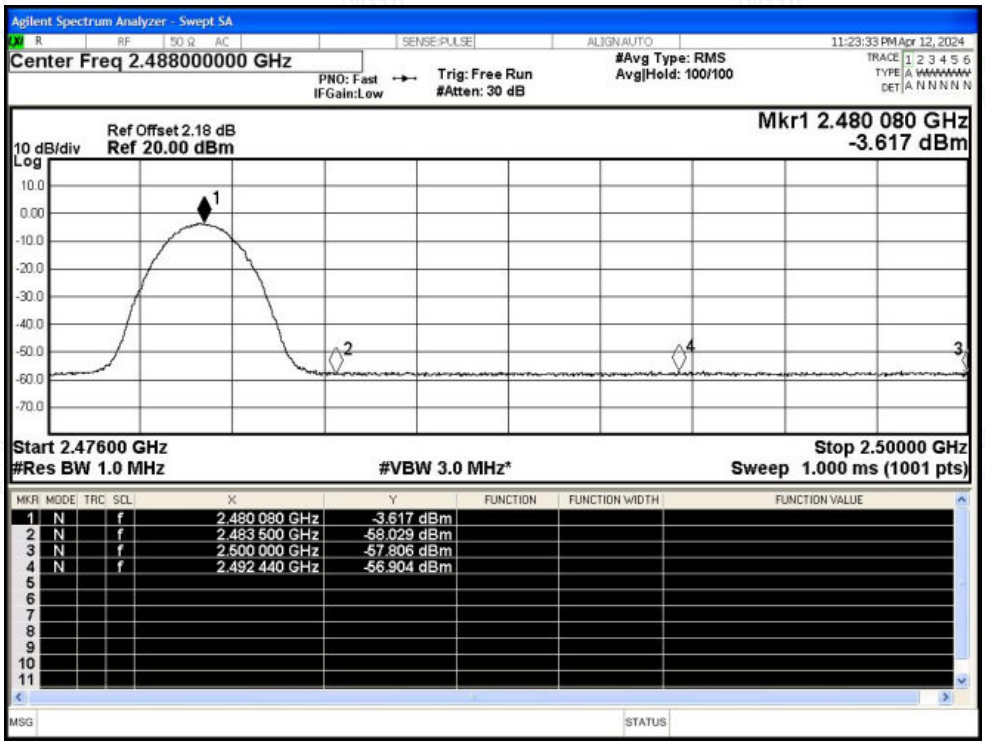
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



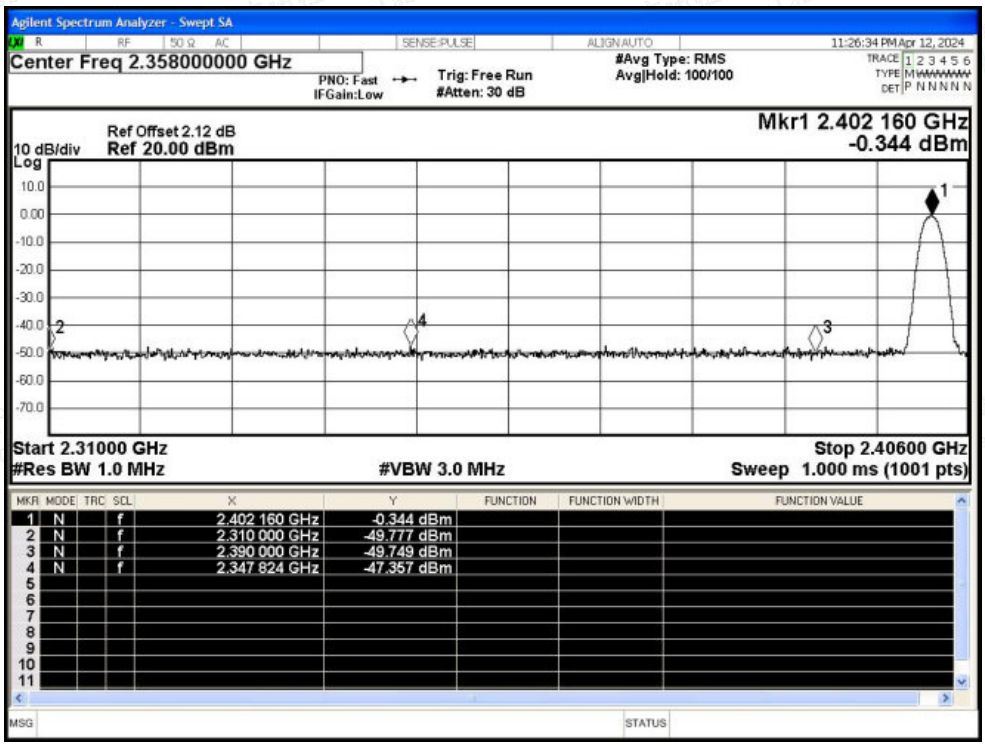
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



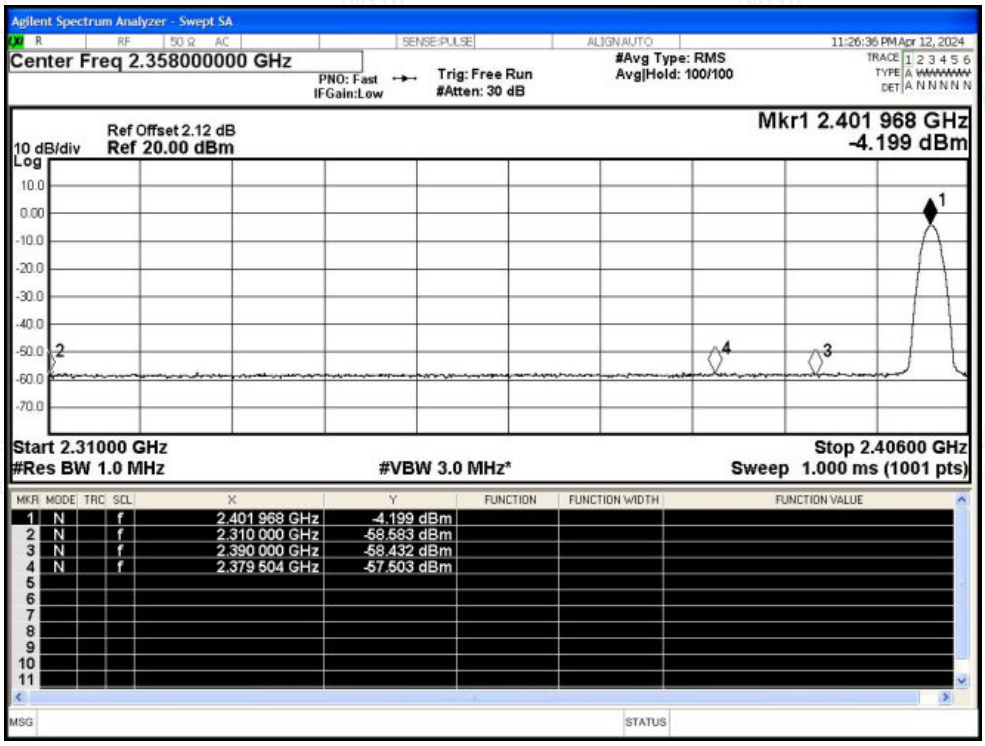
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



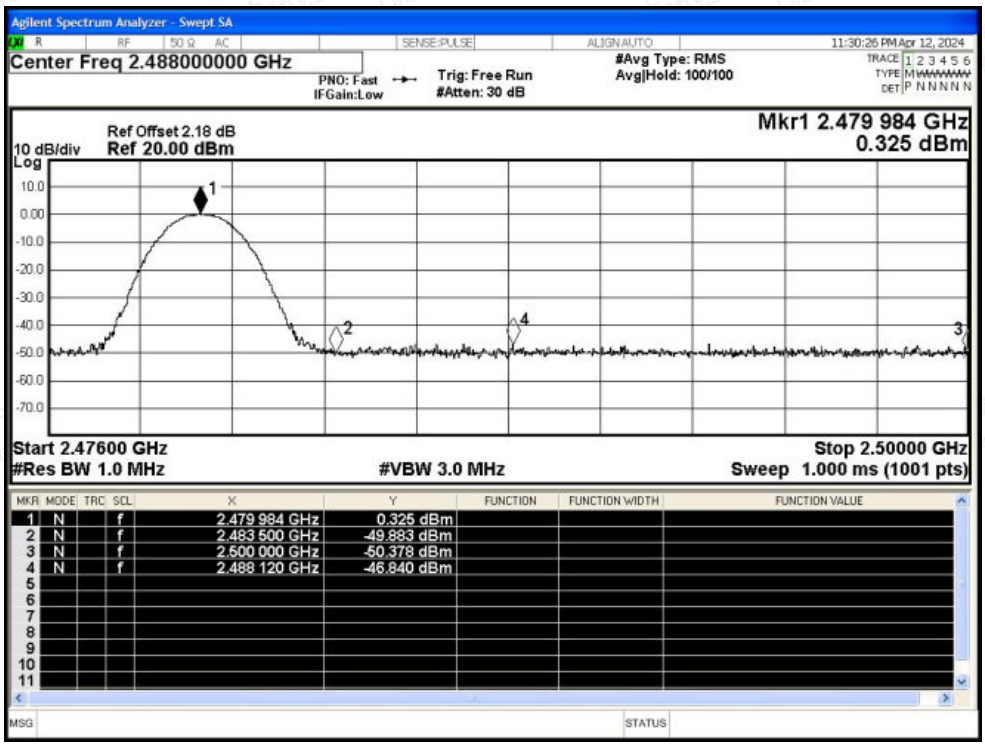
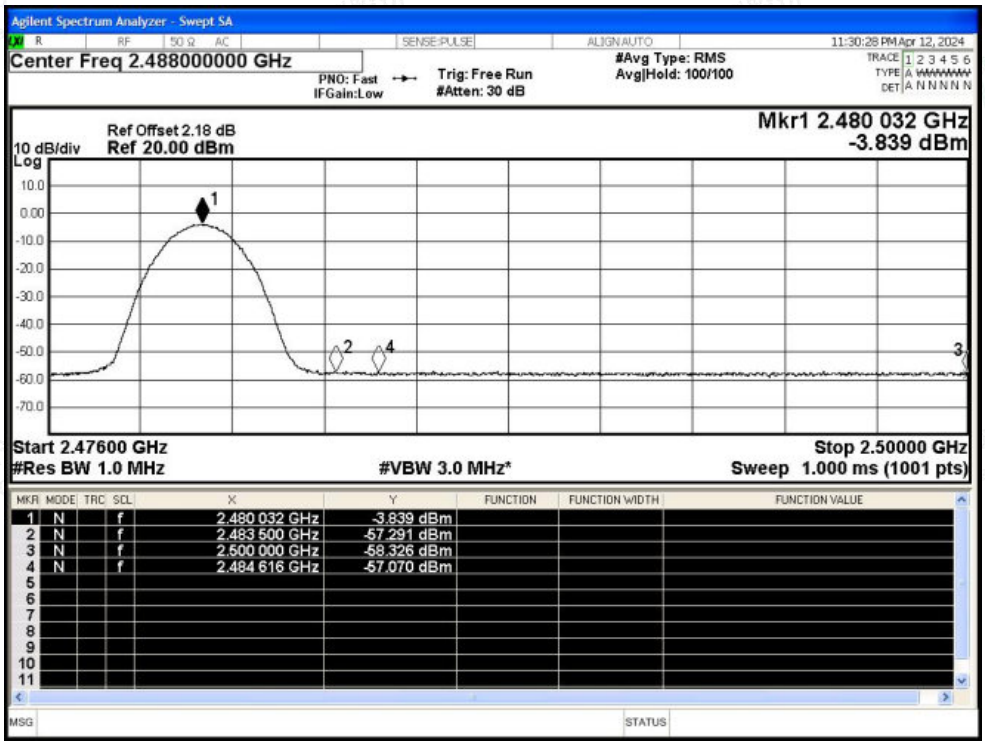
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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