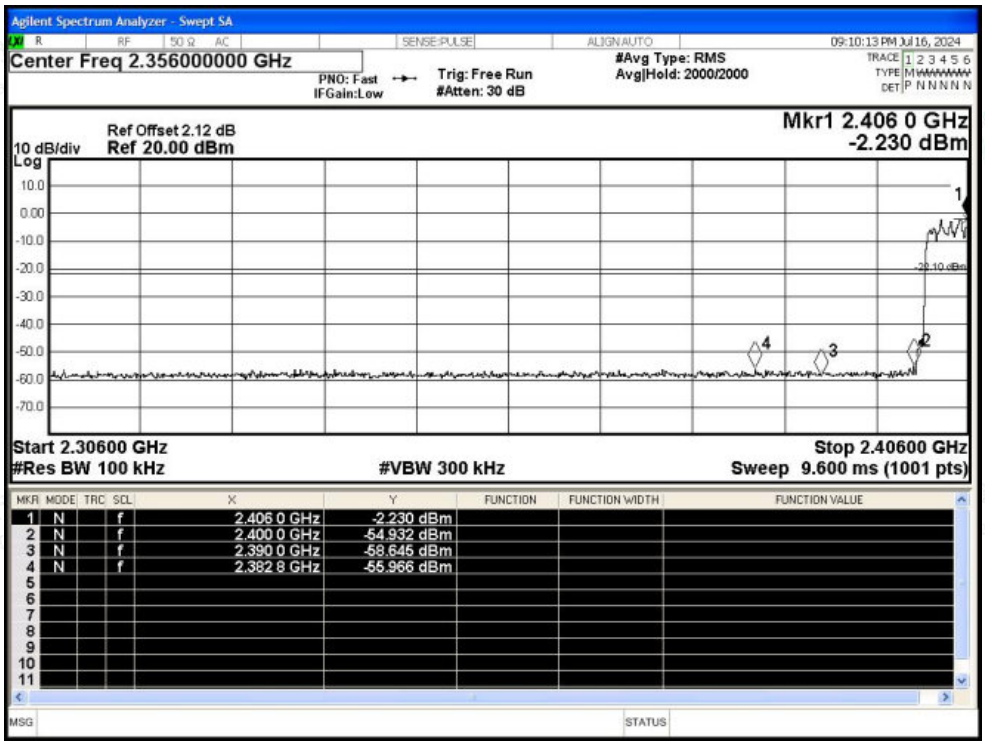
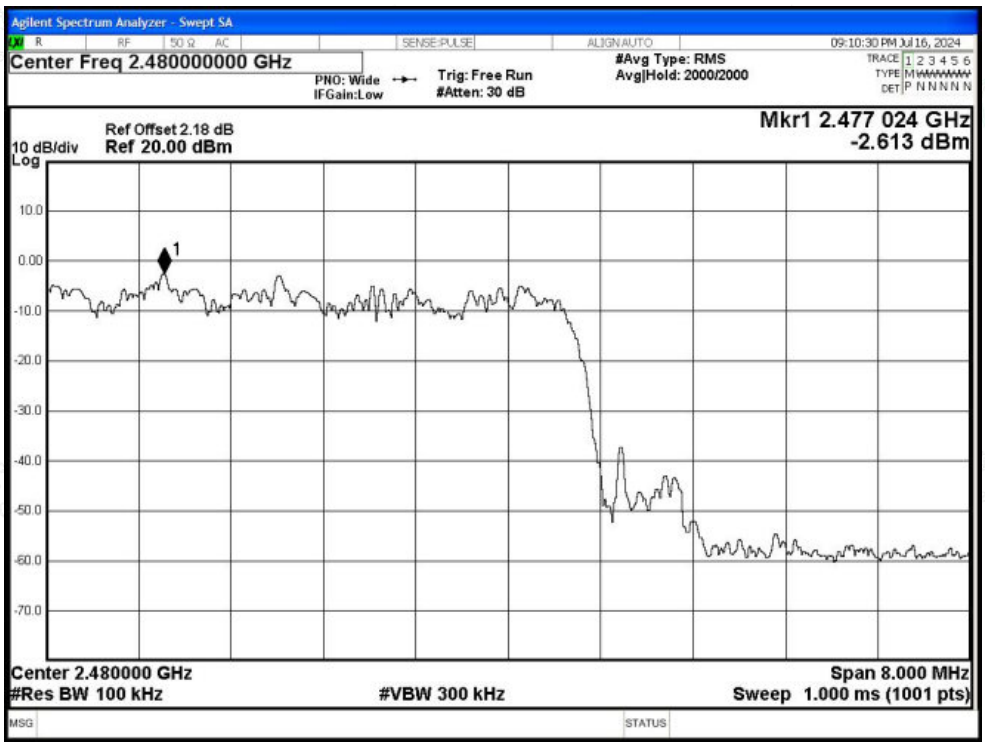
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref

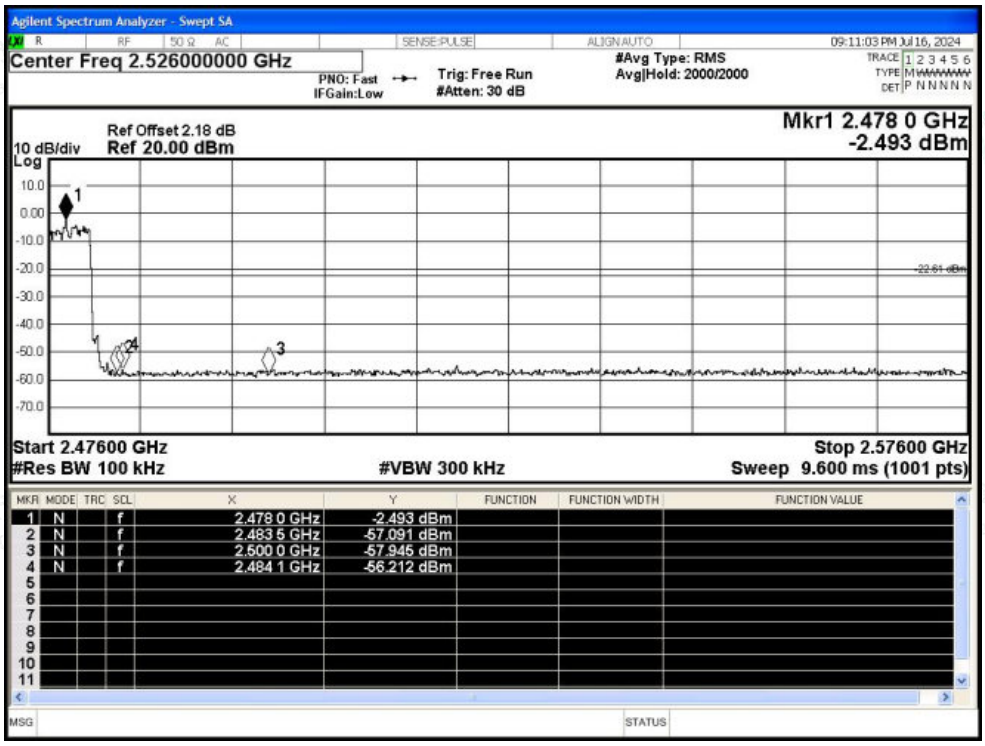
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

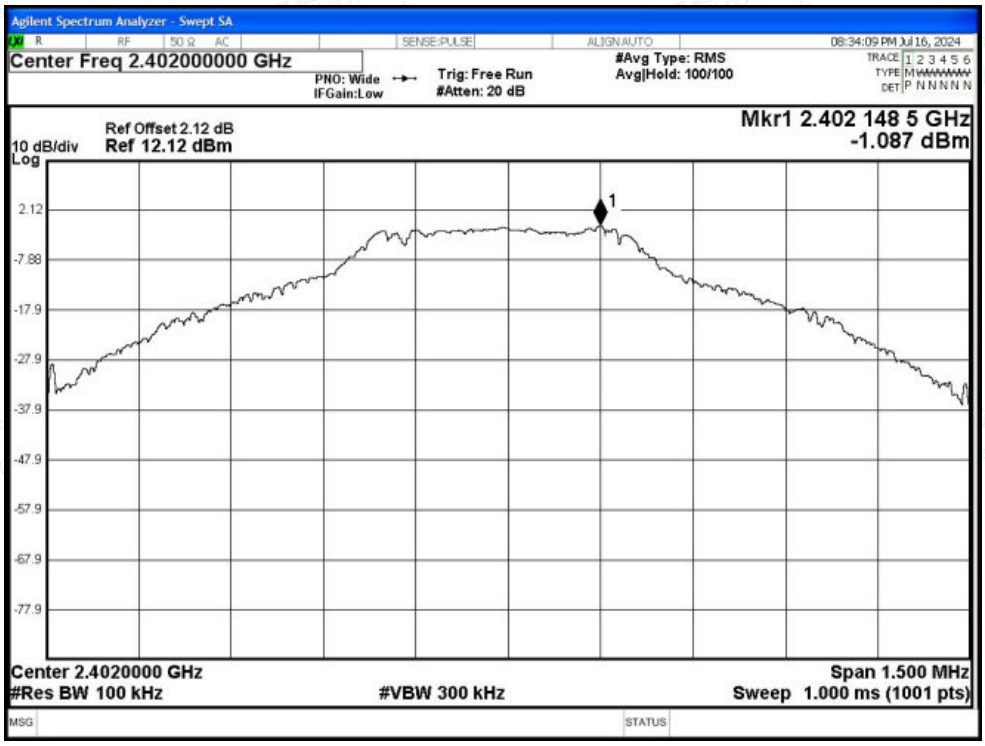


A.7 Conducted RF Spurious Emission

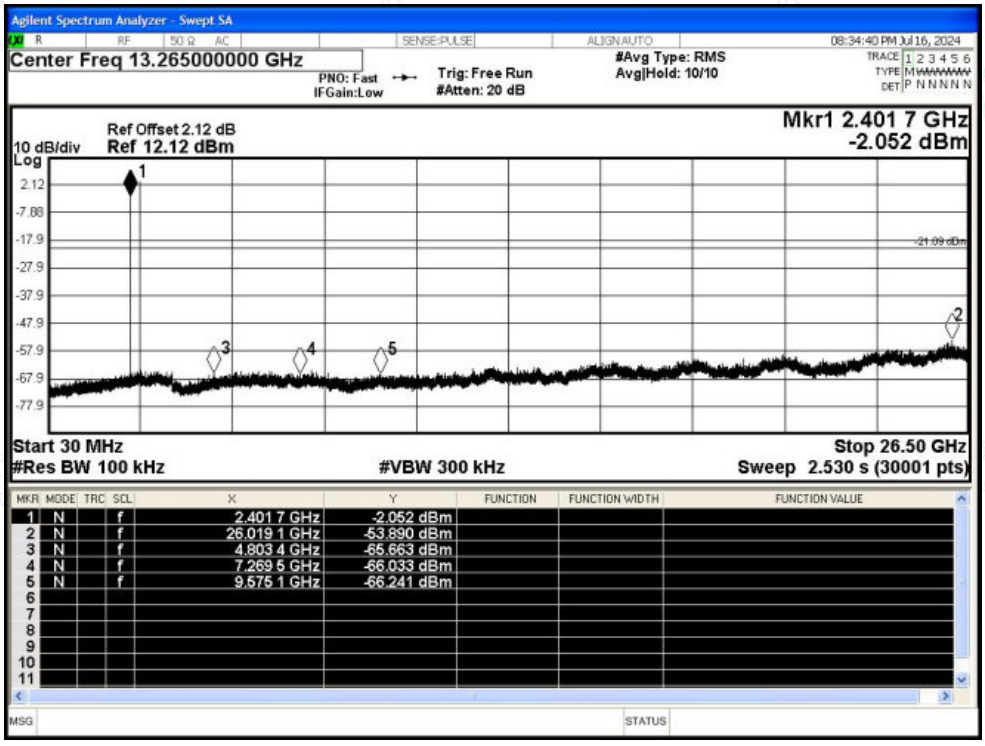
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-52.8	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.54	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.17	-20	Pass
NVNT	2-DH5	2402	Ant1	-53.17	-20	Pass
NVNT	2-DH5	2441	Ant1	-52.24	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.33	-20	Pass
NVNT	3-DH5	2402	Ant1	-52.52	-20	Pass
NVNT	3-DH5	2441	Ant1	-53.37	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.15	-20	Pass

Test Graphs

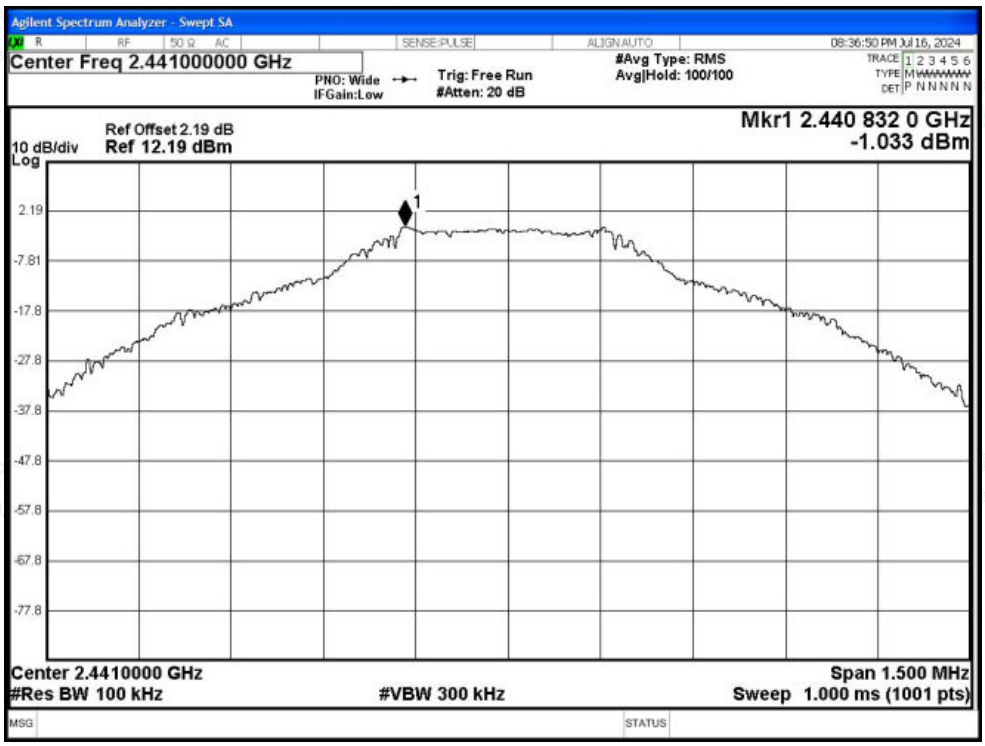
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



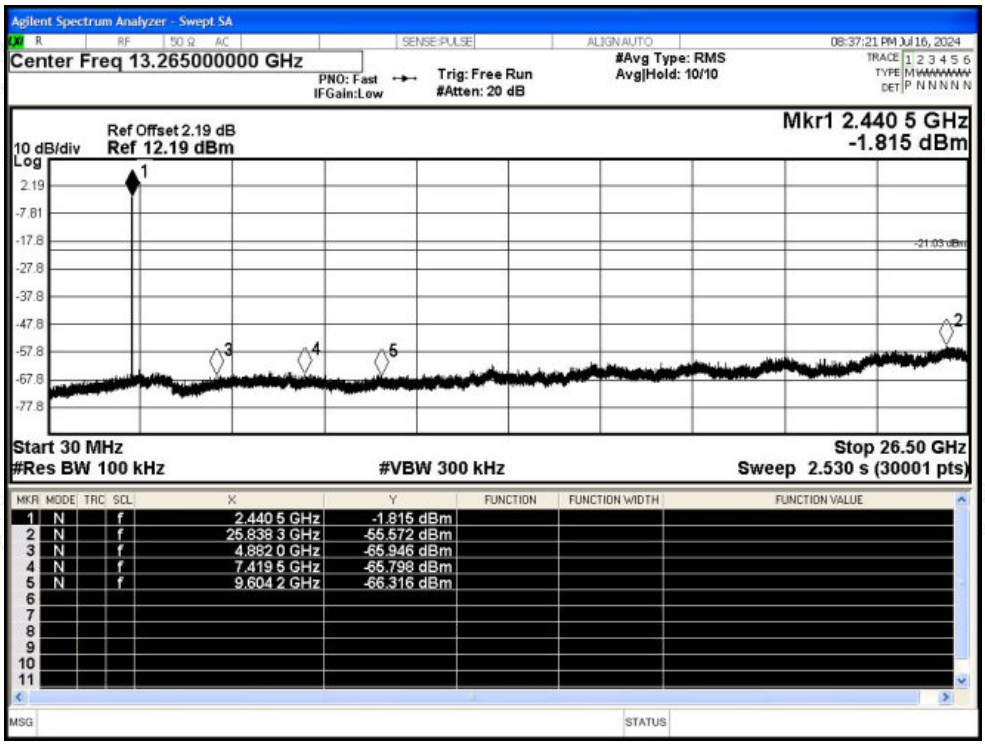
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



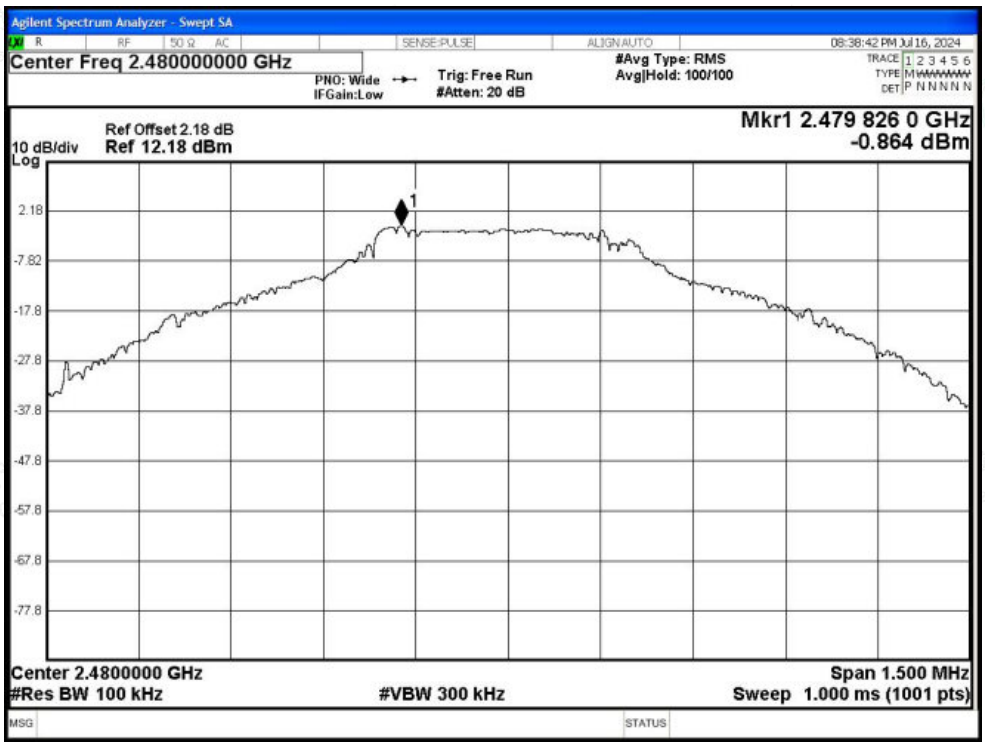
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



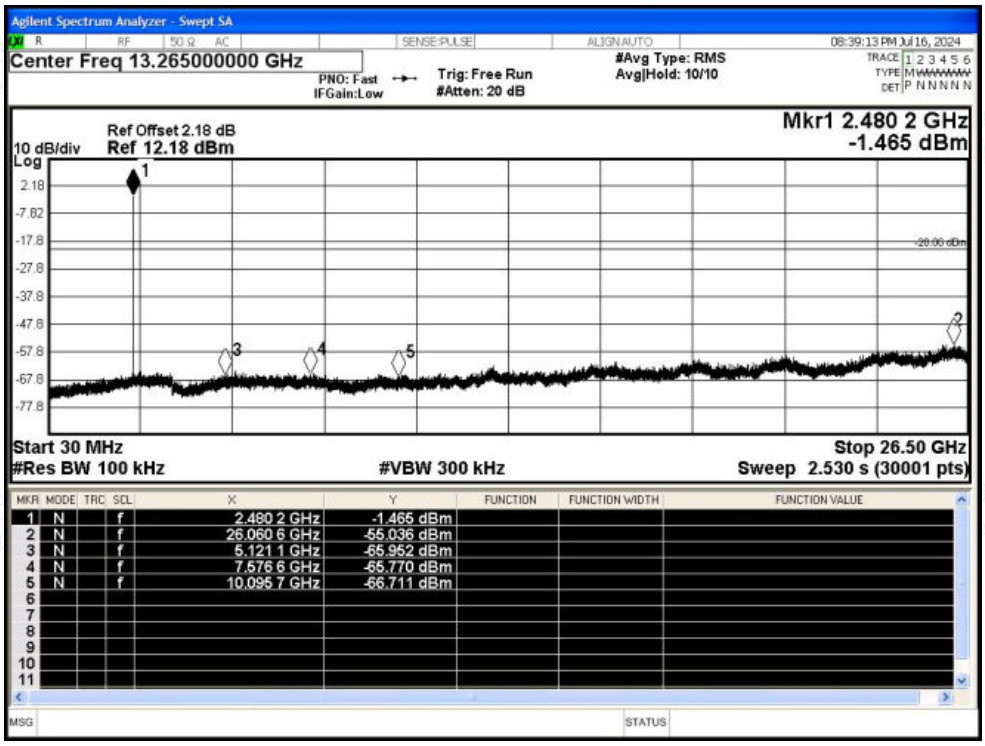
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



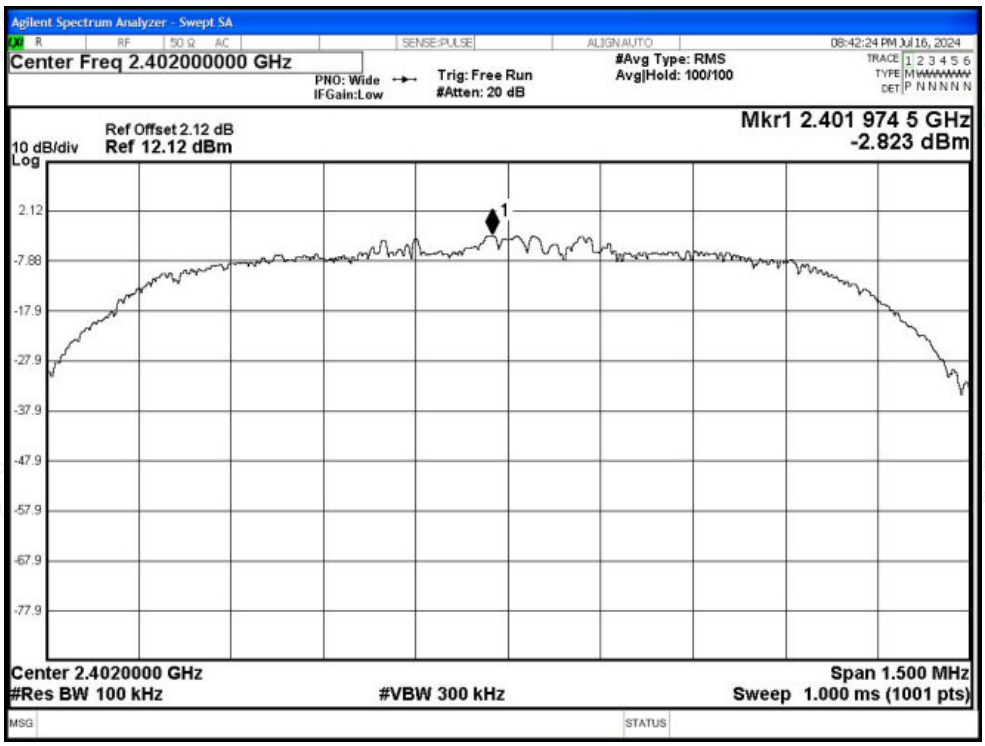
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



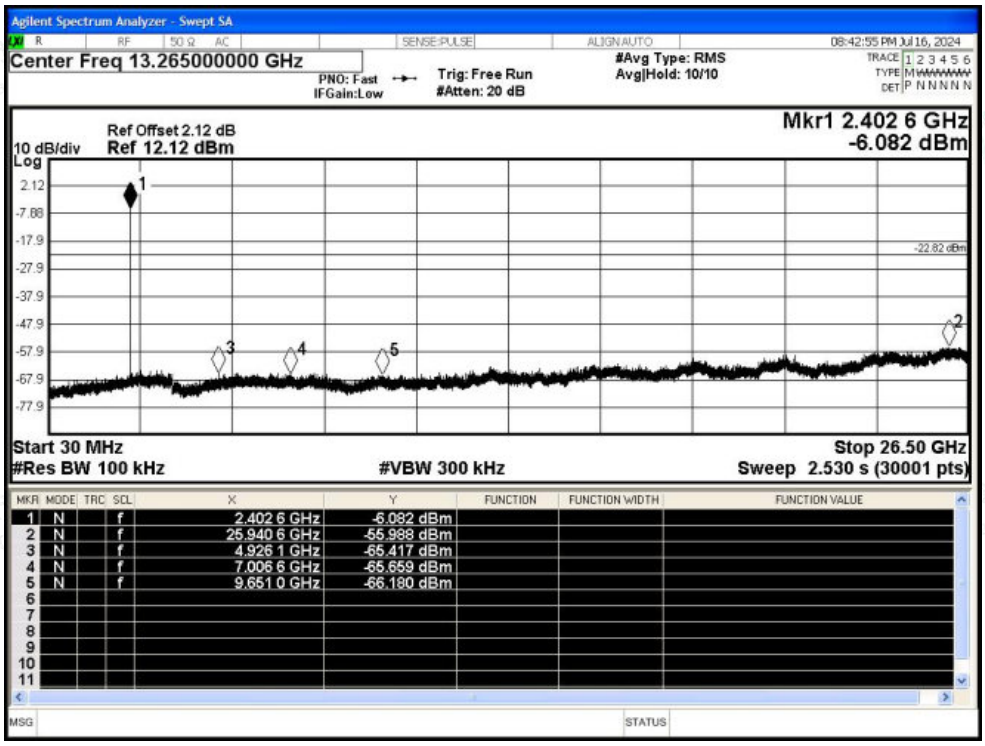
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



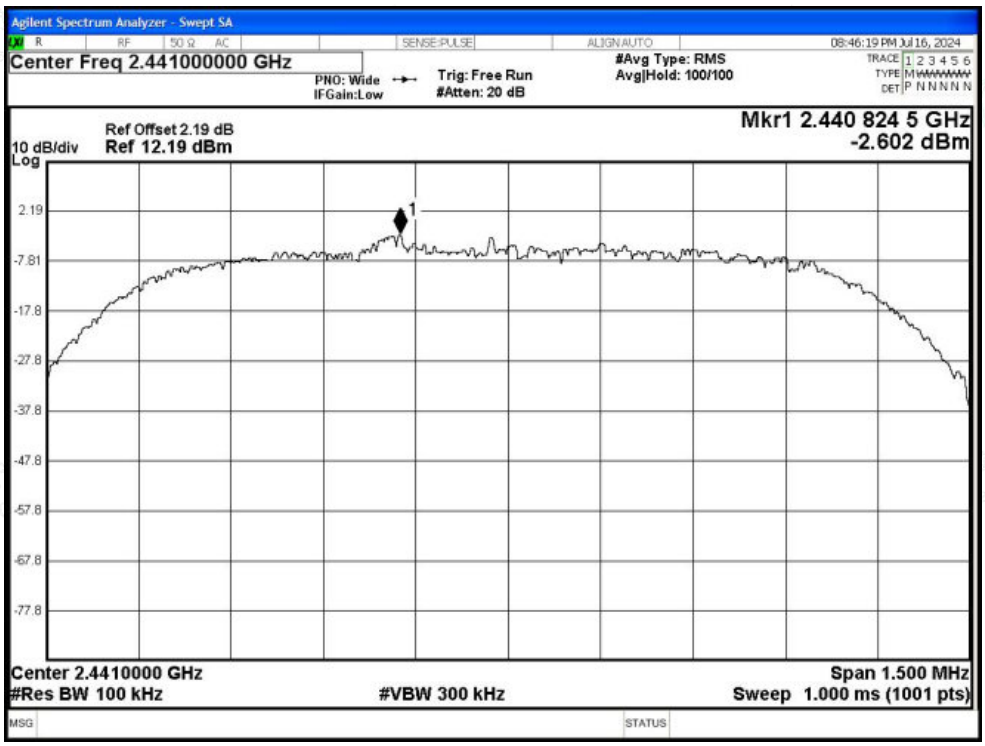
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



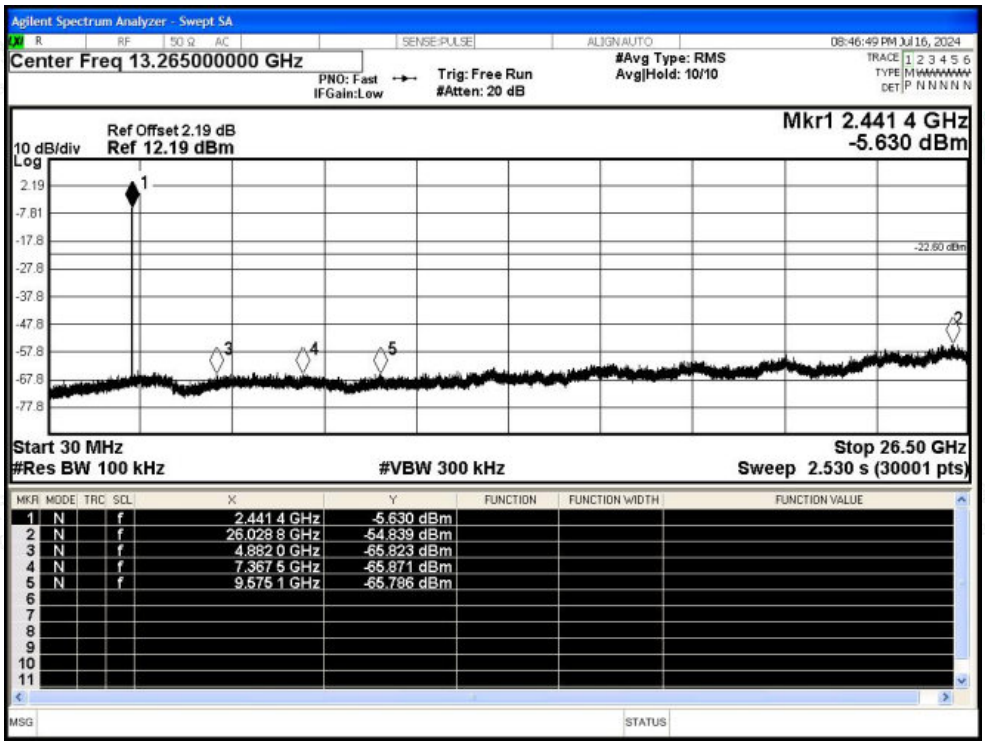
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



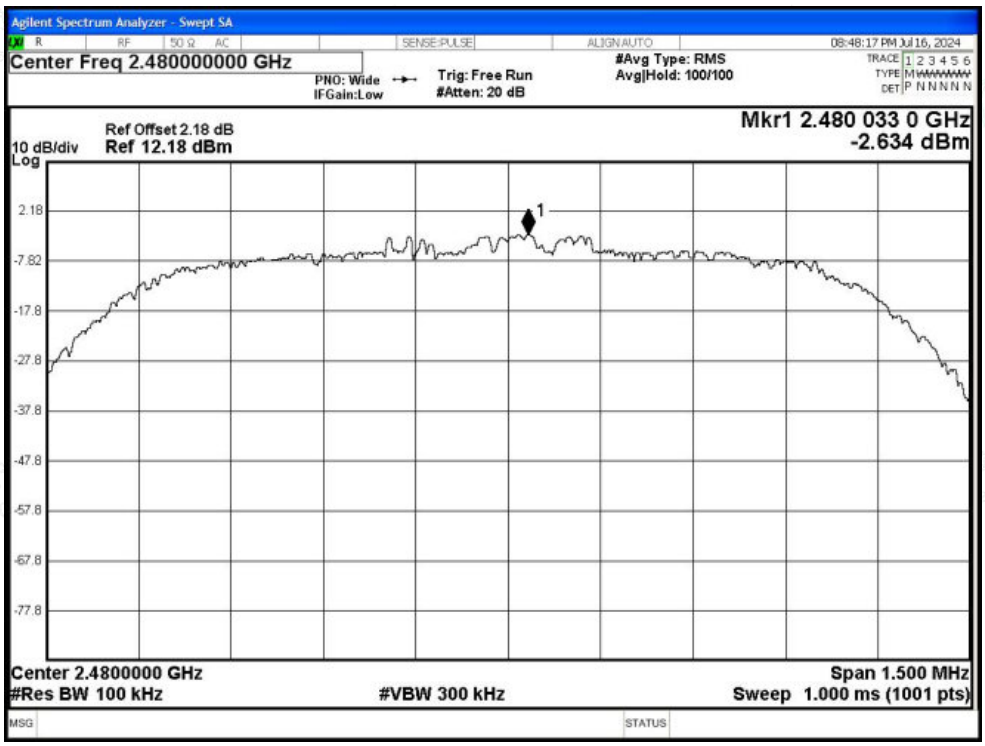
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



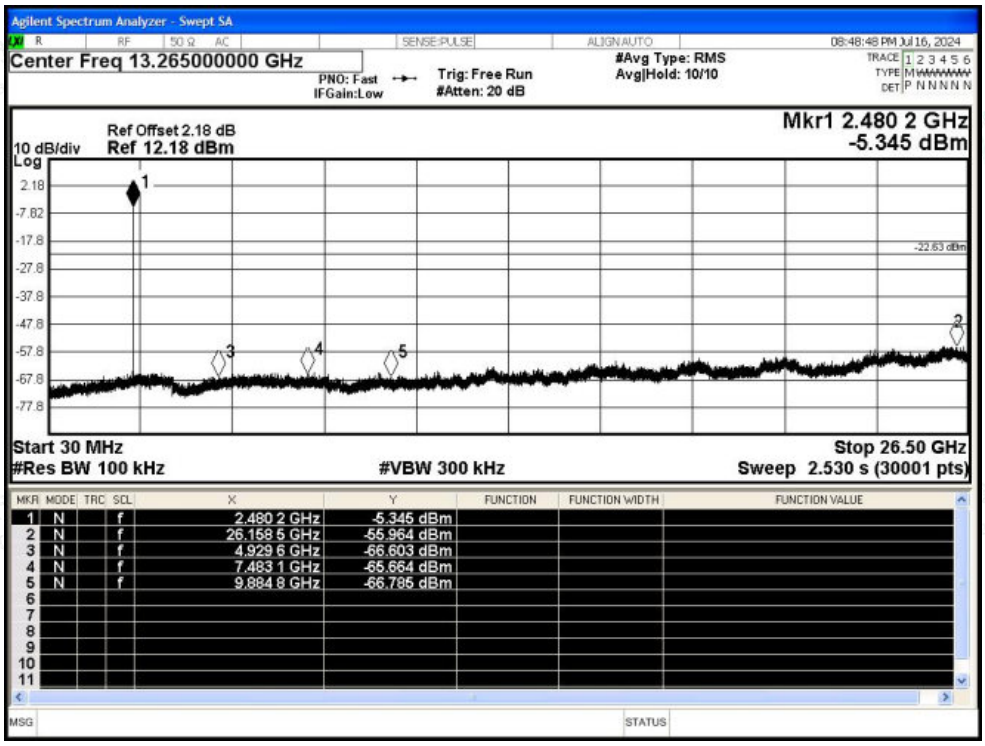
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



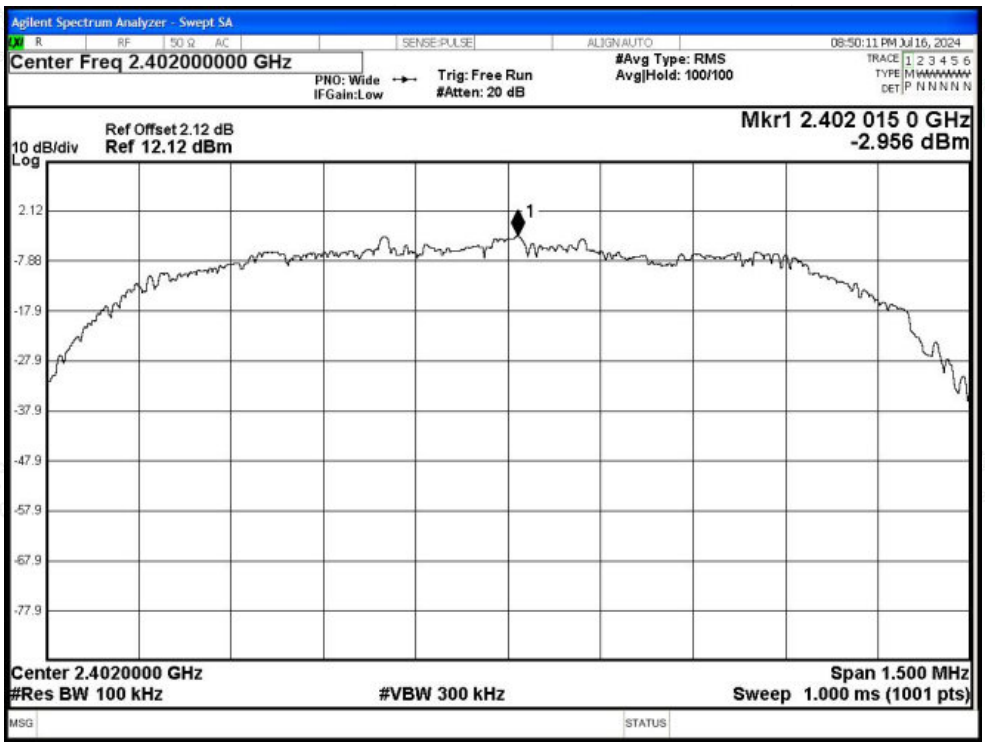
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



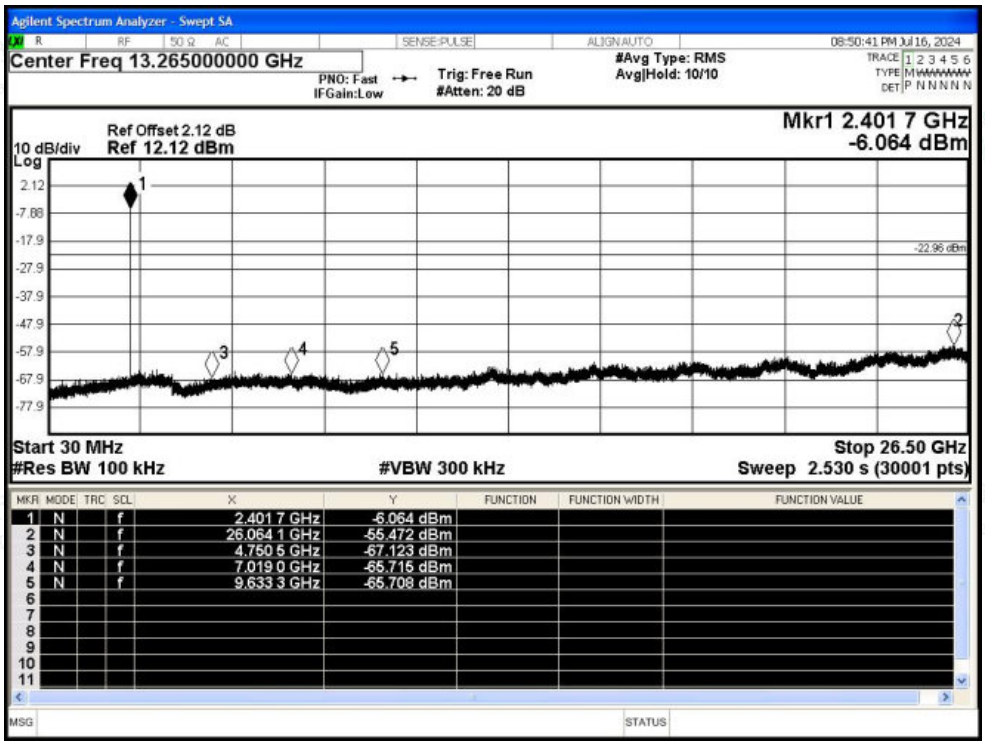
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



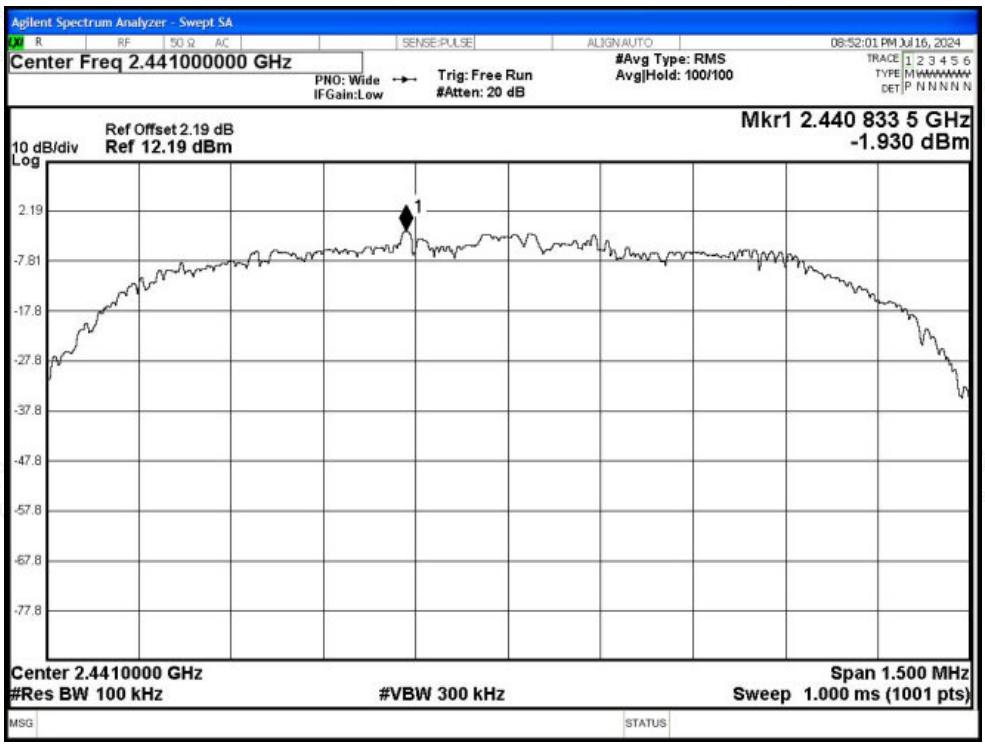
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



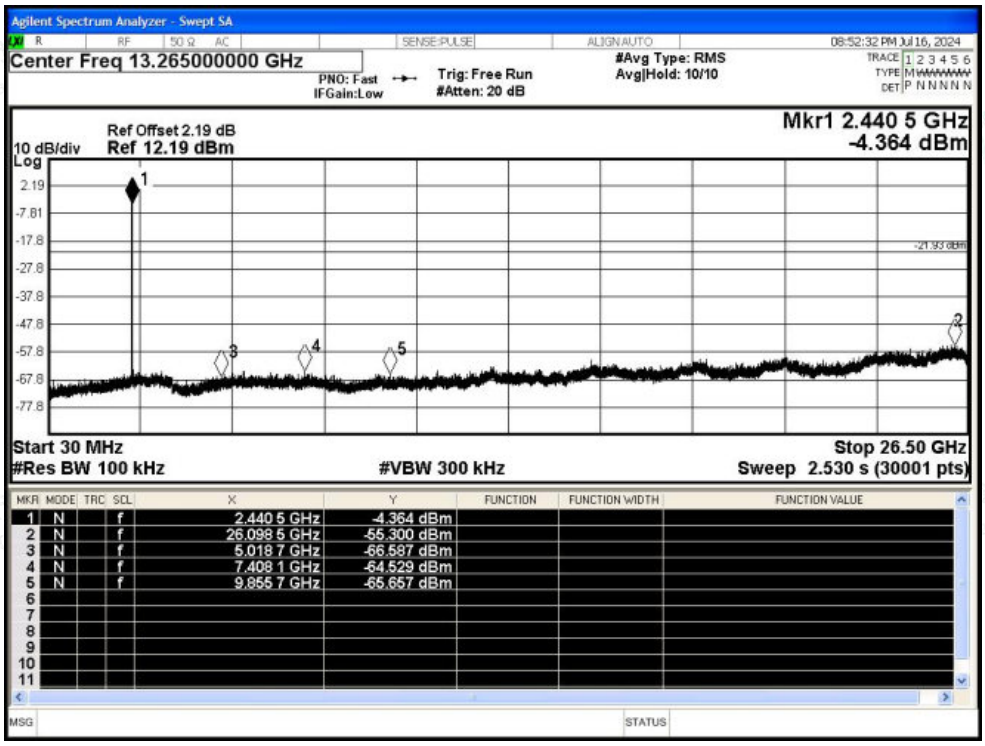
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



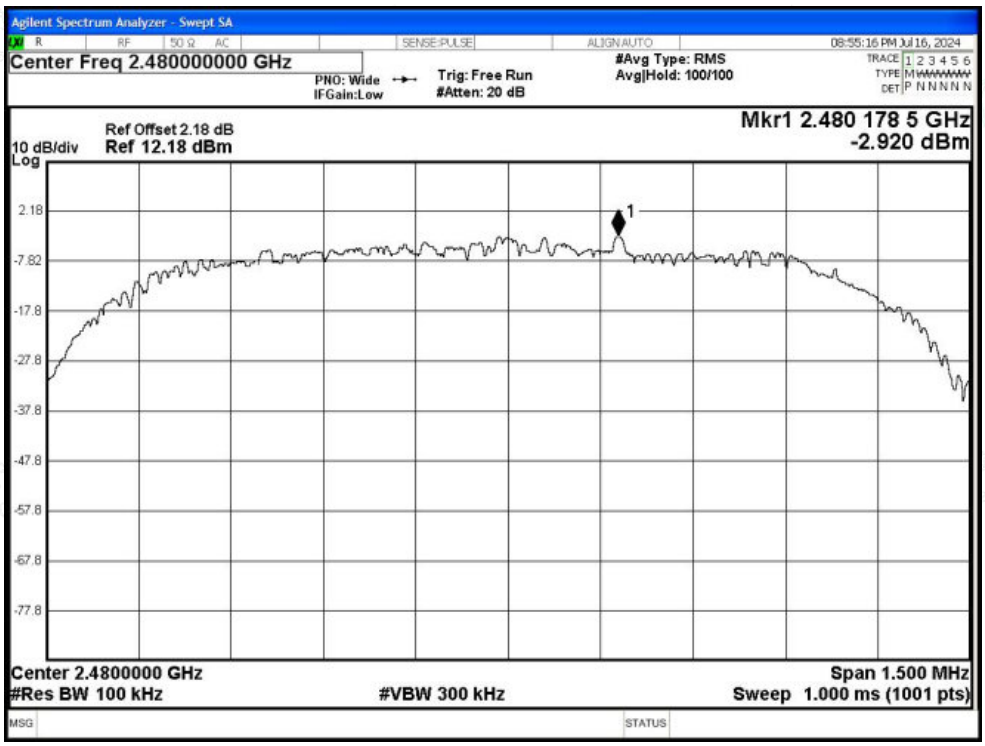
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



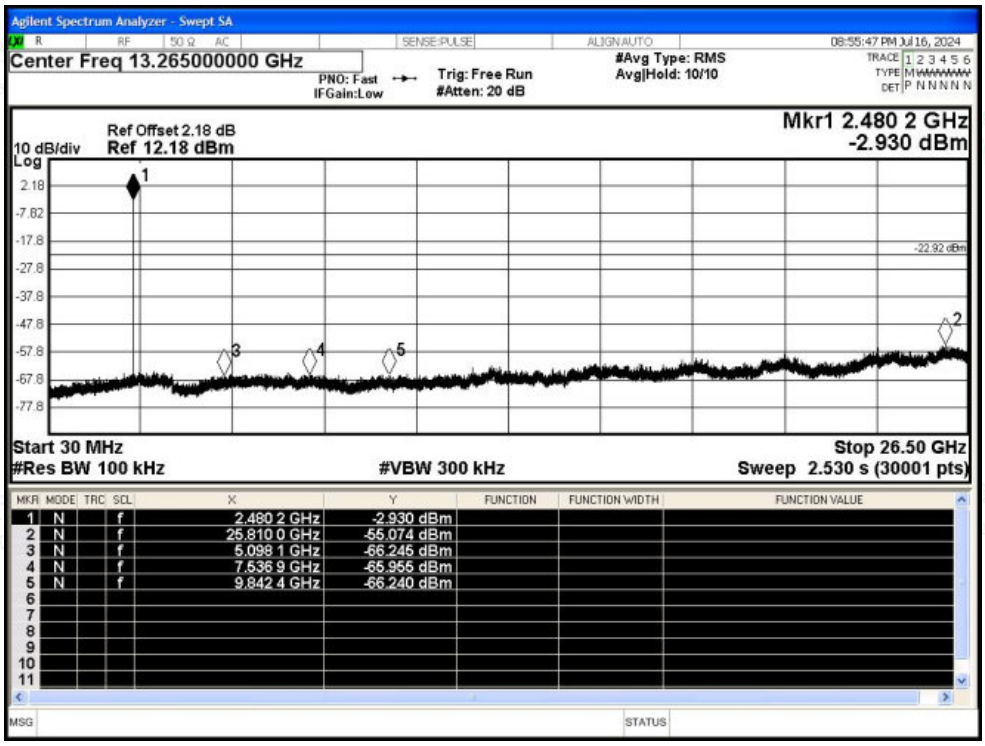
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

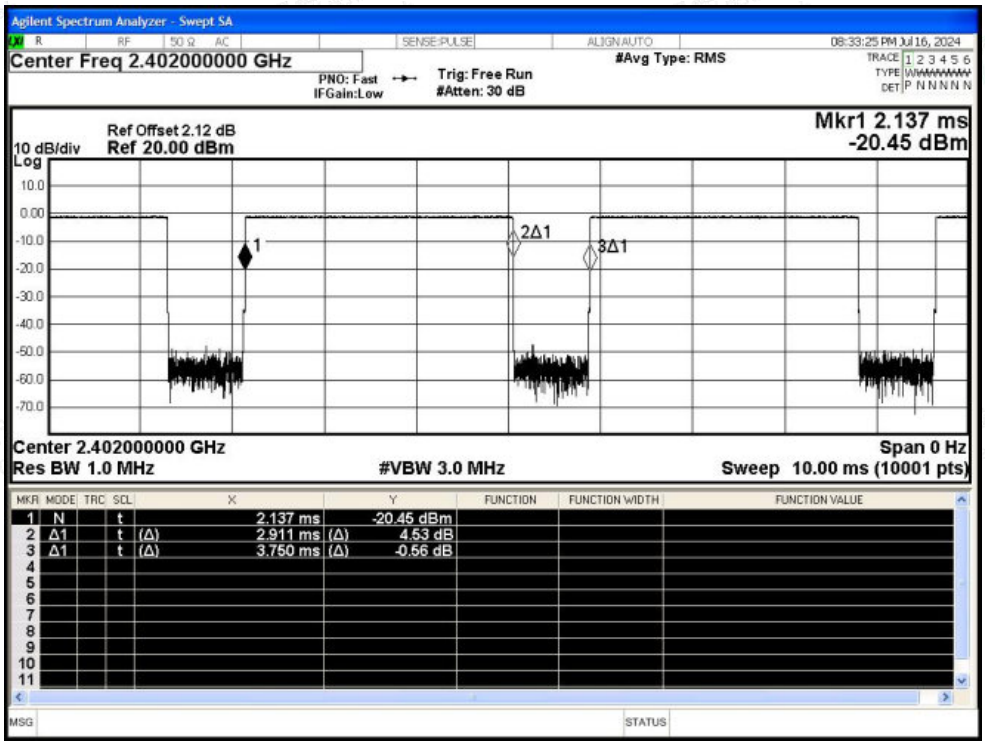


A.8 Duty Cycle

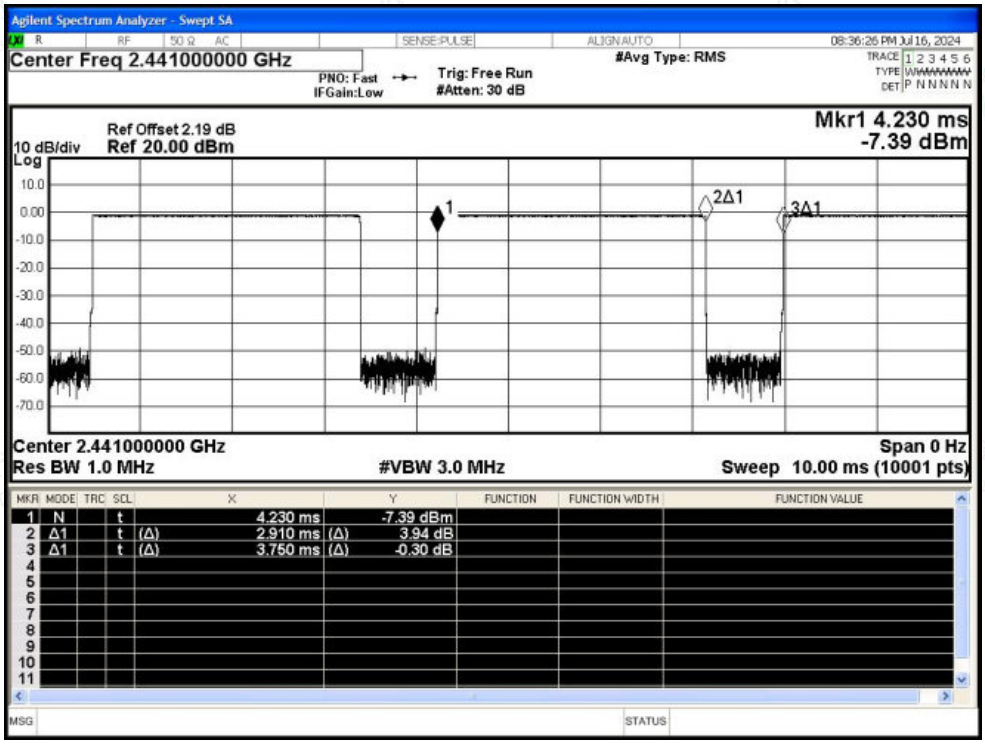
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.63	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.63	1.1	0.34
NVNT	2-DH5	2402	Ant1	76.41	1.17	0.36
NVNT	2-DH5	2441	Ant1	76.41	1.17	0.36
NVNT	2-DH5	2480	Ant1	76.41	1.17	0.36
NVNT	3-DH5	2402	Ant1	76.38	1.17	0.36
NVNT	3-DH5	2441	Ant1	76.38	1.17	0.36
NVNT	3-DH5	2480	Ant1	76.38	1.17	0.36

Test Graphs

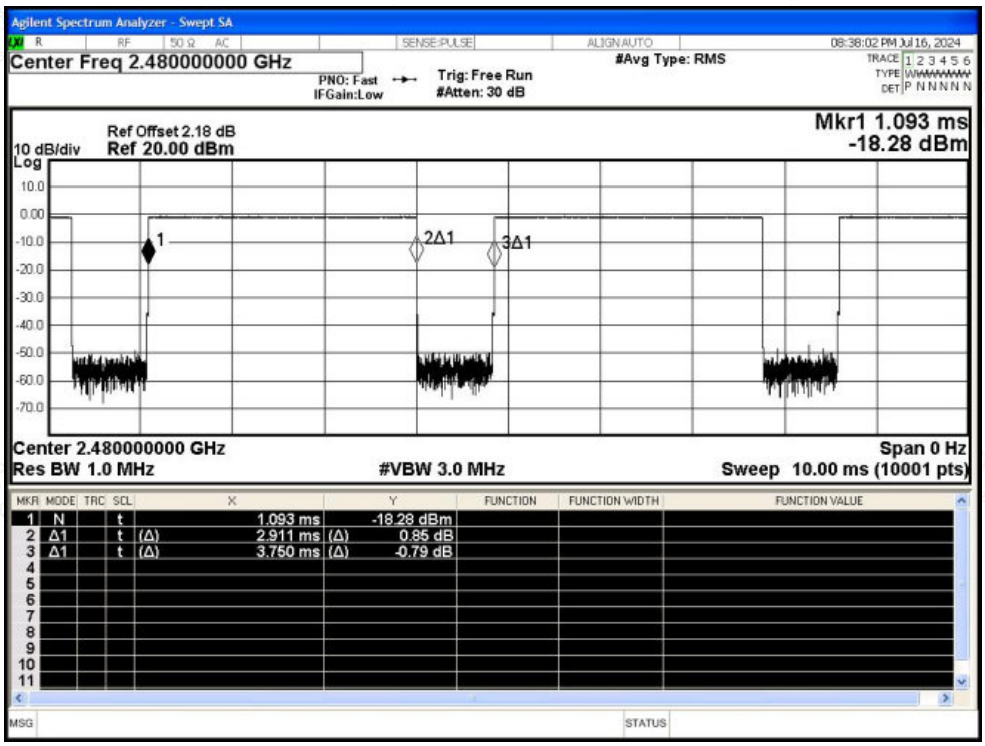
Duty Cycle NVNT 1-DH5 2402MHz Ant1



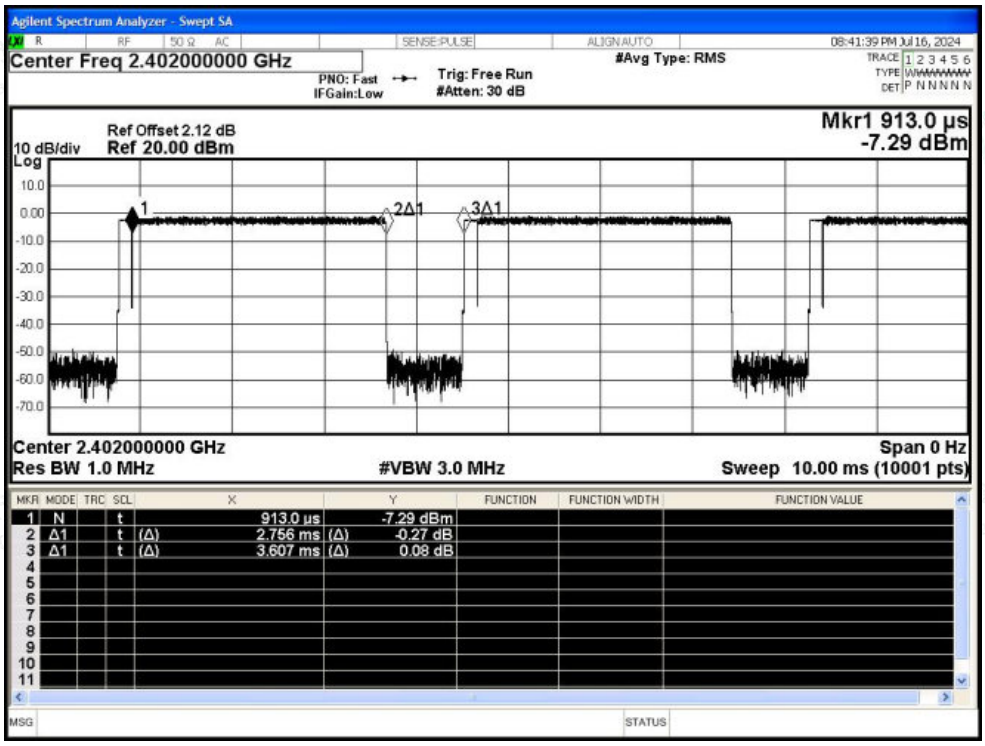
Duty Cycle NVNT 1-DH5 2441MHz Ant1



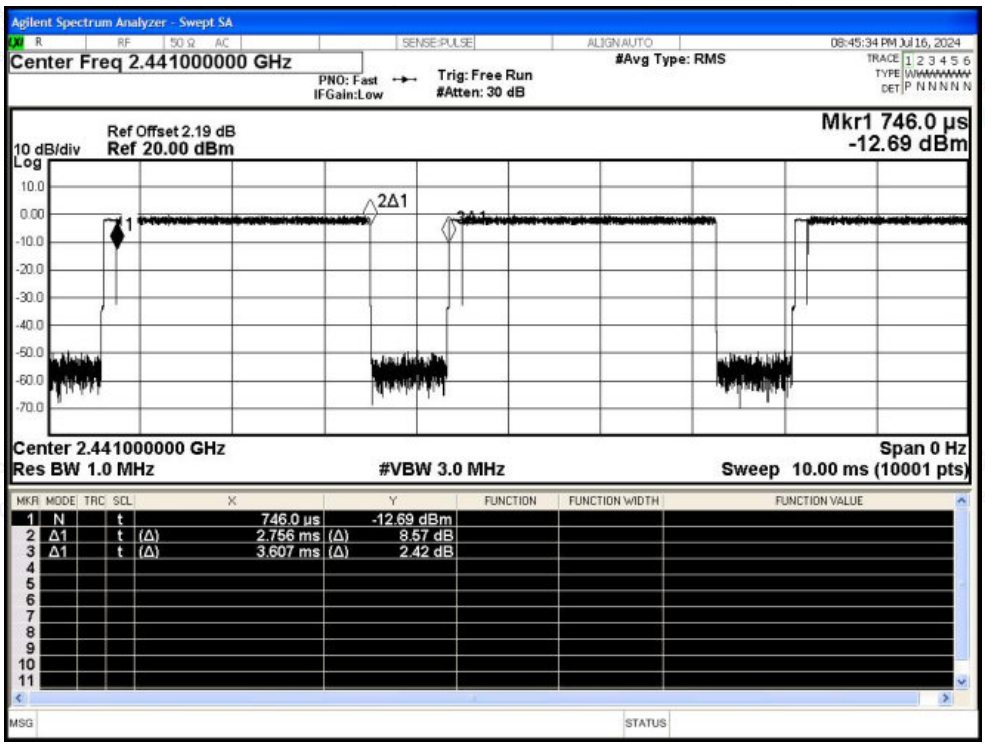
Duty Cycle NVNT 1-DH5 2480MHz Ant1



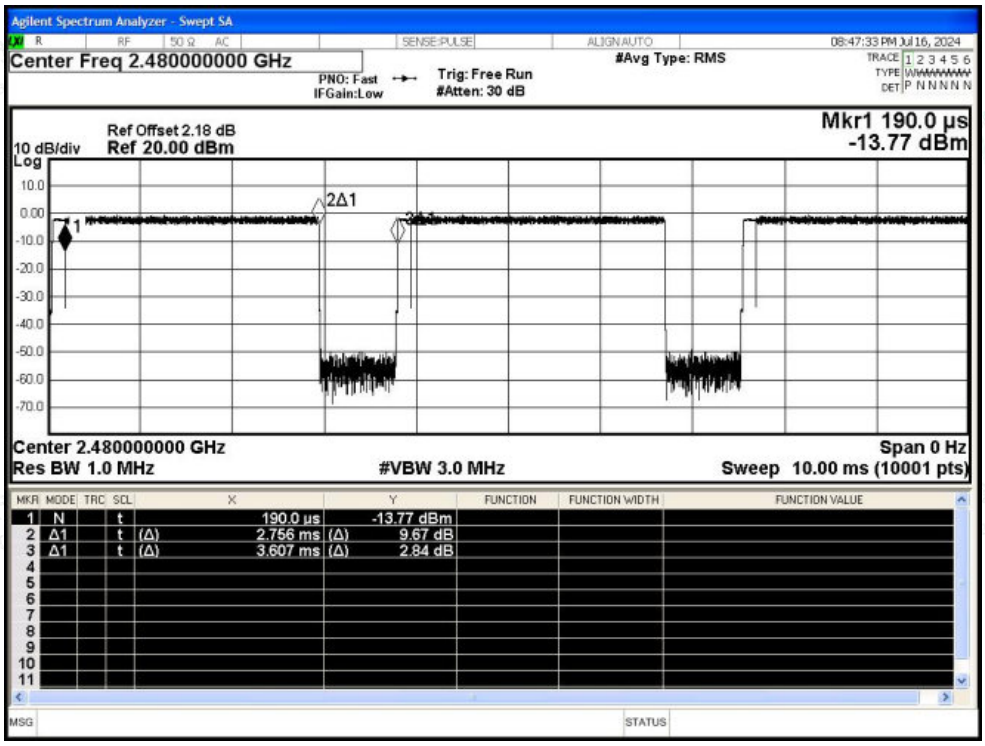
Duty Cycle NVNT 2-DH5 2402MHz Ant1



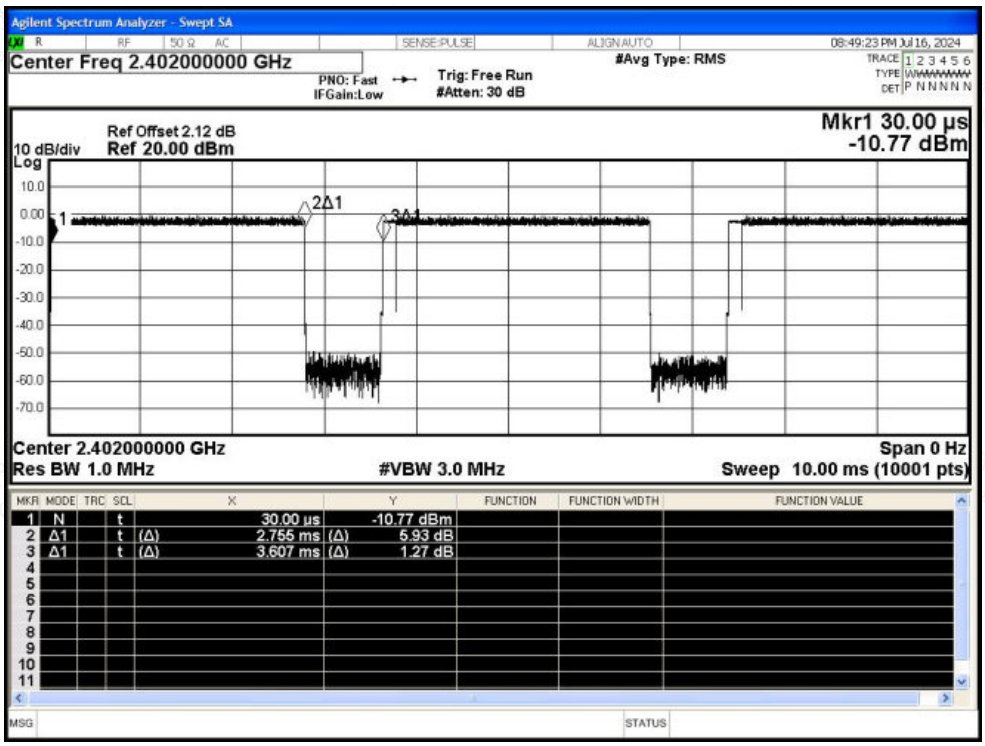
Duty Cycle NVNT 2-DH5 2441MHz Ant1



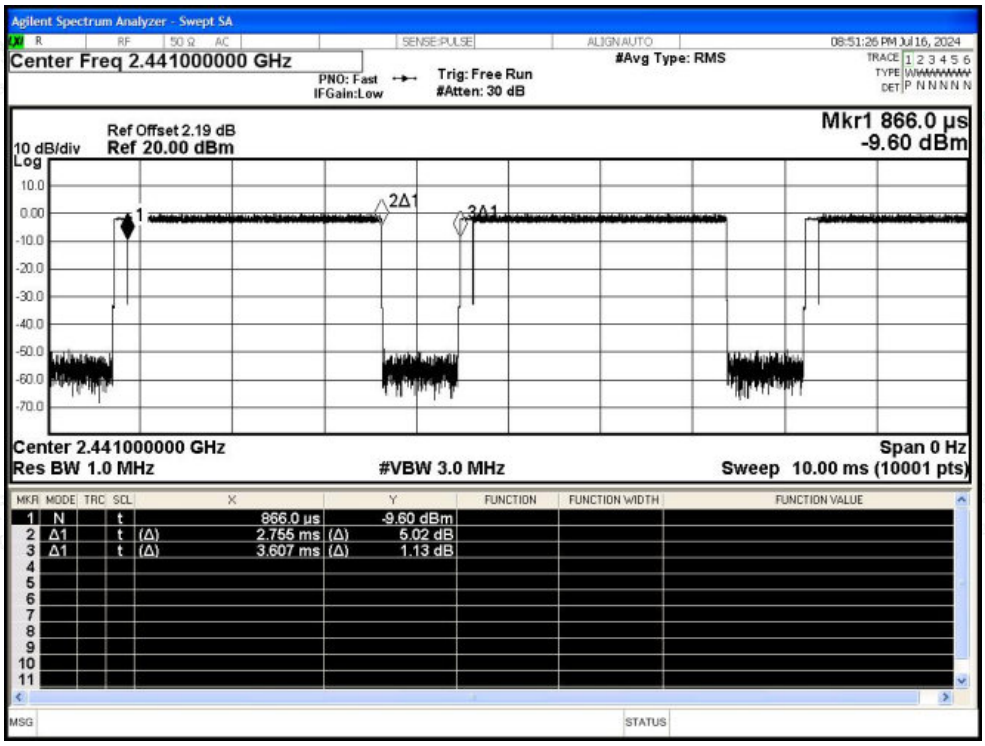
Duty Cycle NVNT 2-DH5 2480MHz Ant1



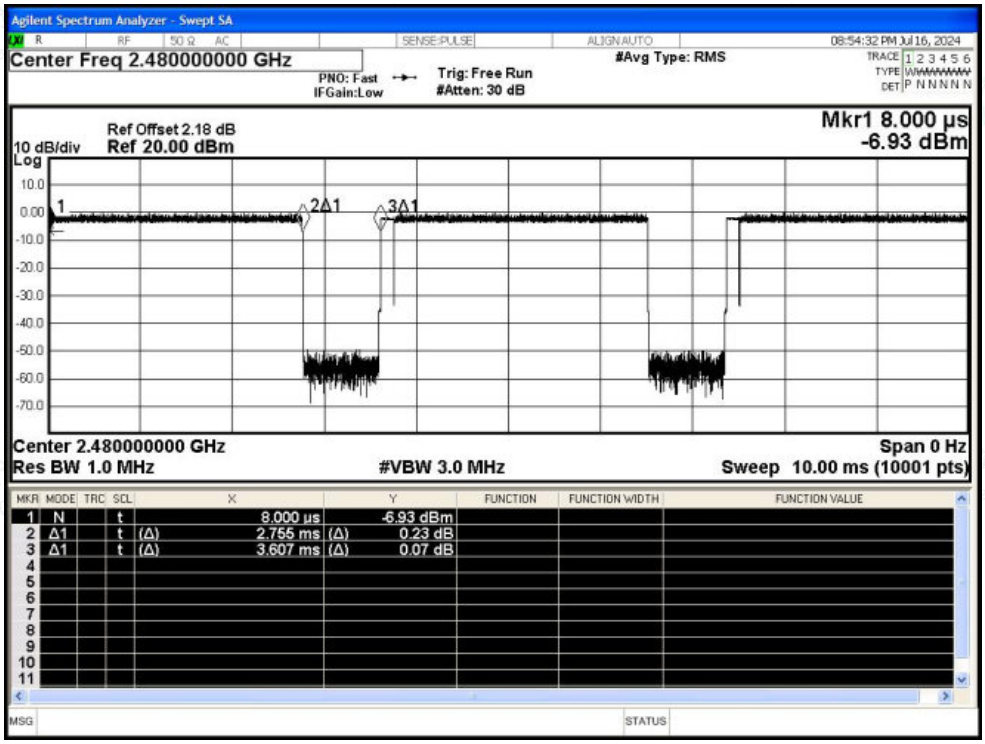
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

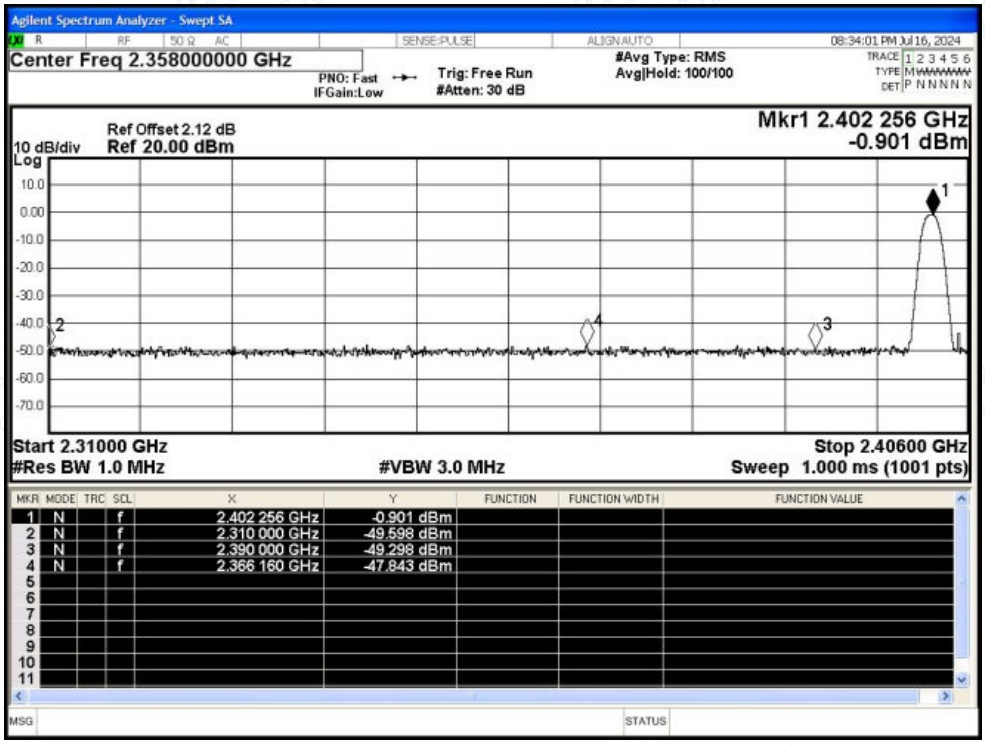


A.9 Restrict Band

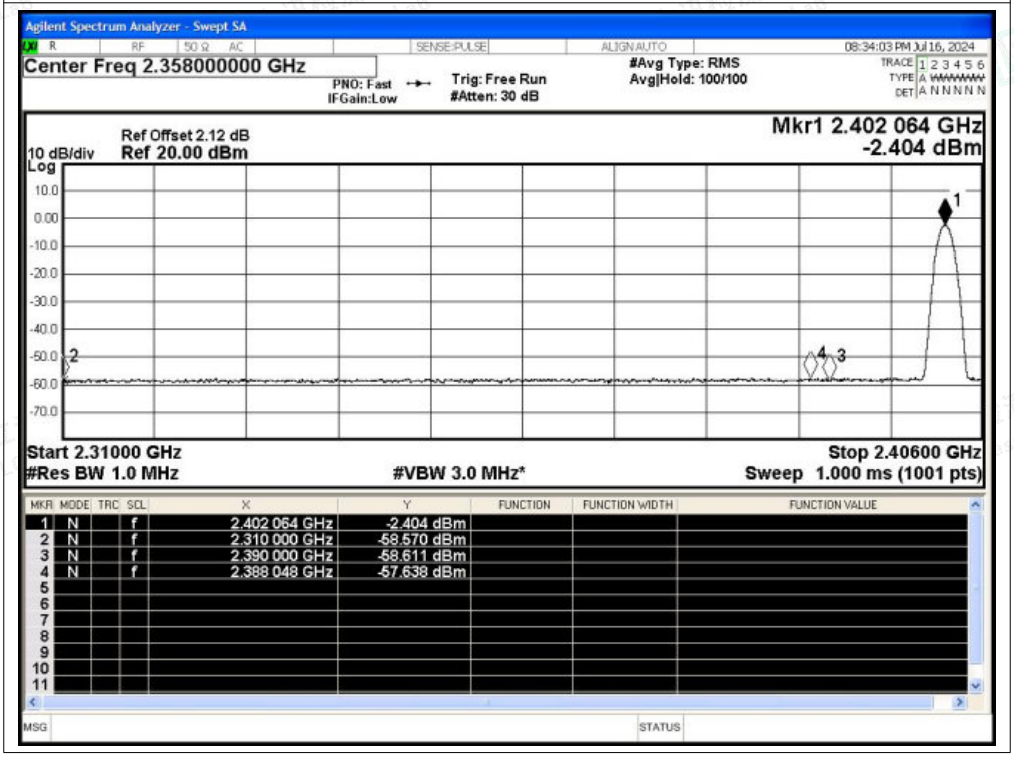
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-49.6	2	-	47.66	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.57	2	1.1	39.79	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2366.16	-47.84	2	-	49.42	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2388.048	-57.64	2	1.1	40.72	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.3	2	-	47.96	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.61	2	1.1	39.75	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.53	2	-	47.73	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-57.47	2	1.1	40.89	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.632	-45.74	2	-	51.52	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2490.424	-57.03	2	1.1	41.33	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.09	2	-	47.17	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.69	2	1.1	40.67	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.51	2	-	46.75	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.39	2	1.17	40.04	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2322	-47.54	2	-	49.72	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2389.392	-57.61	2	1.17	40.82	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-49.92	2	-	47.34	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.66	2	1.17	39.77	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-50.41	2	-	46.85	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.85	2	1.17	40.58	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.56	-42.89	2	-	54.37	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2497.528	-57.12	2	1.17	41.31	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.64	2	-	46.62	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-58.02	2	1.17	40.41	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-50.81	2	-	46.45	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.63	2	1.17	39.8	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2373.456	-47.27	2	-	49.99	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2385.744	-57.42	2	1.17	41.01	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.43	2	-	47.83	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.04	2	1.17	40.39	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-48.76	2	-	48.5	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.9	2	1.17	40.53	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.944	-43.47	2	-	53.79	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2494.744	-57.12	2	1.17	41.31	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	-57.96	2	1.17	40.47	Average	54	Pass

Test Graphs

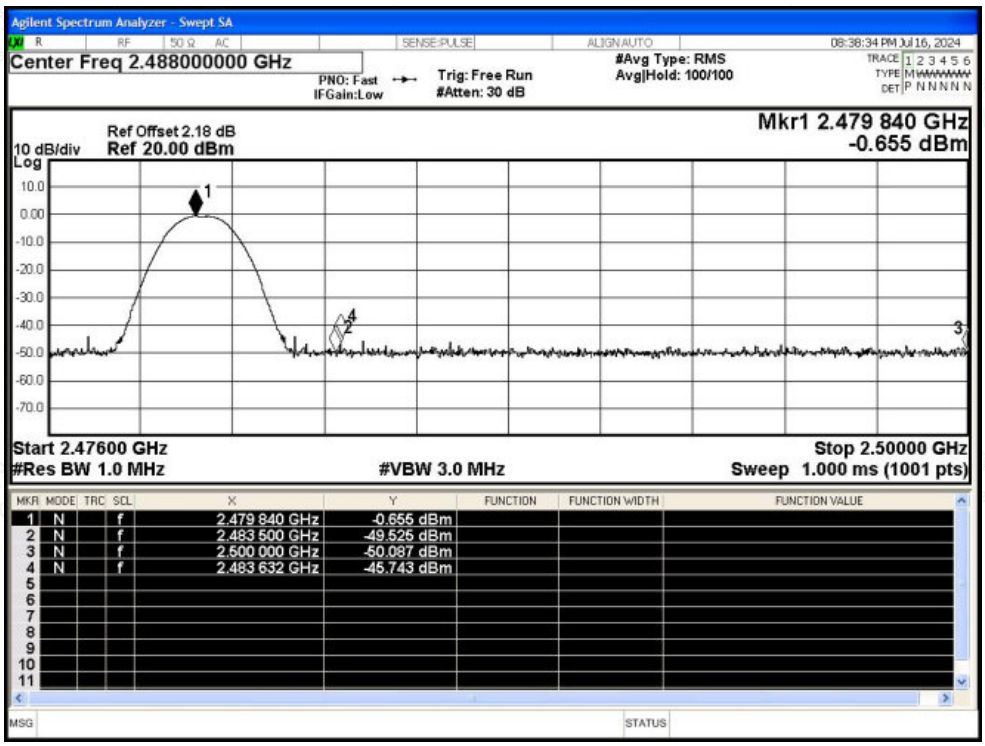
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



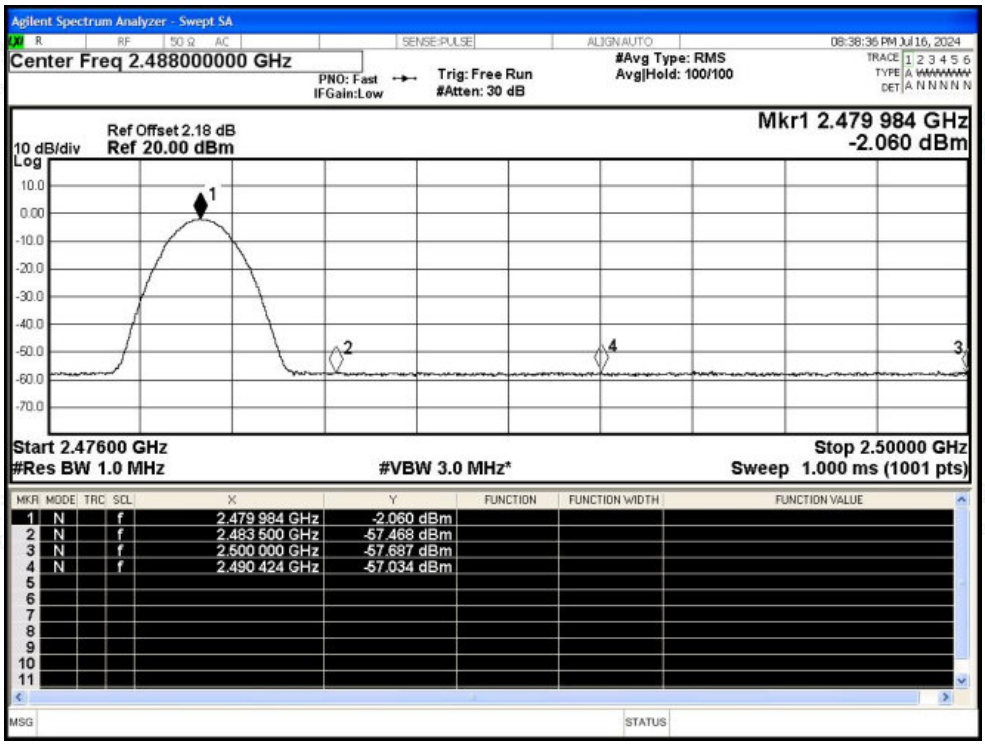
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



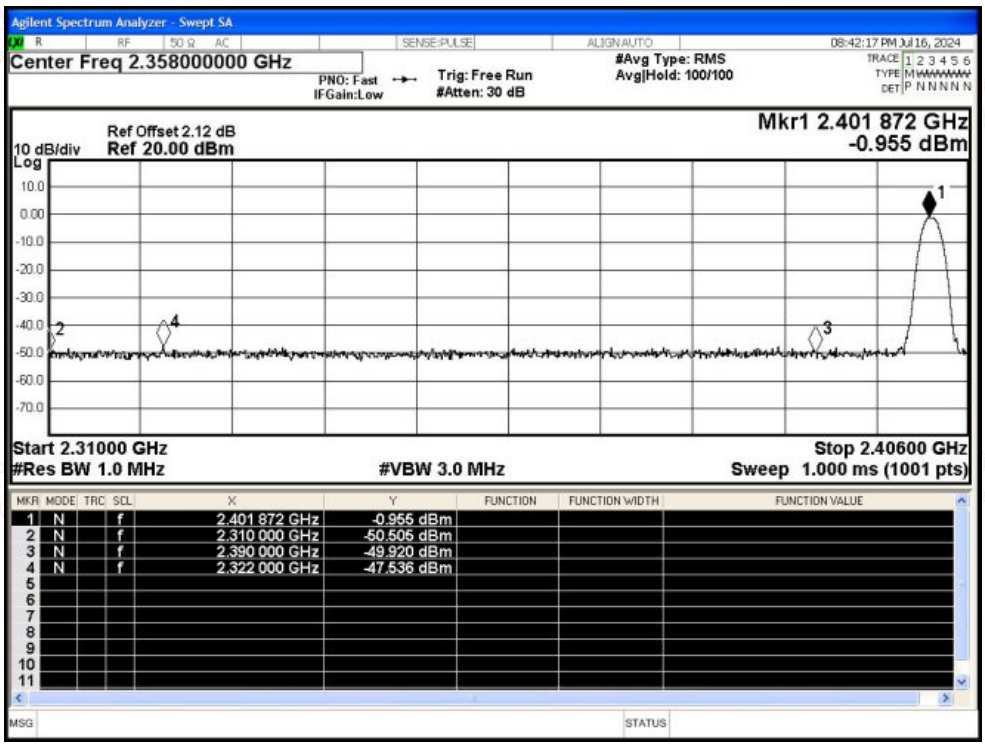
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



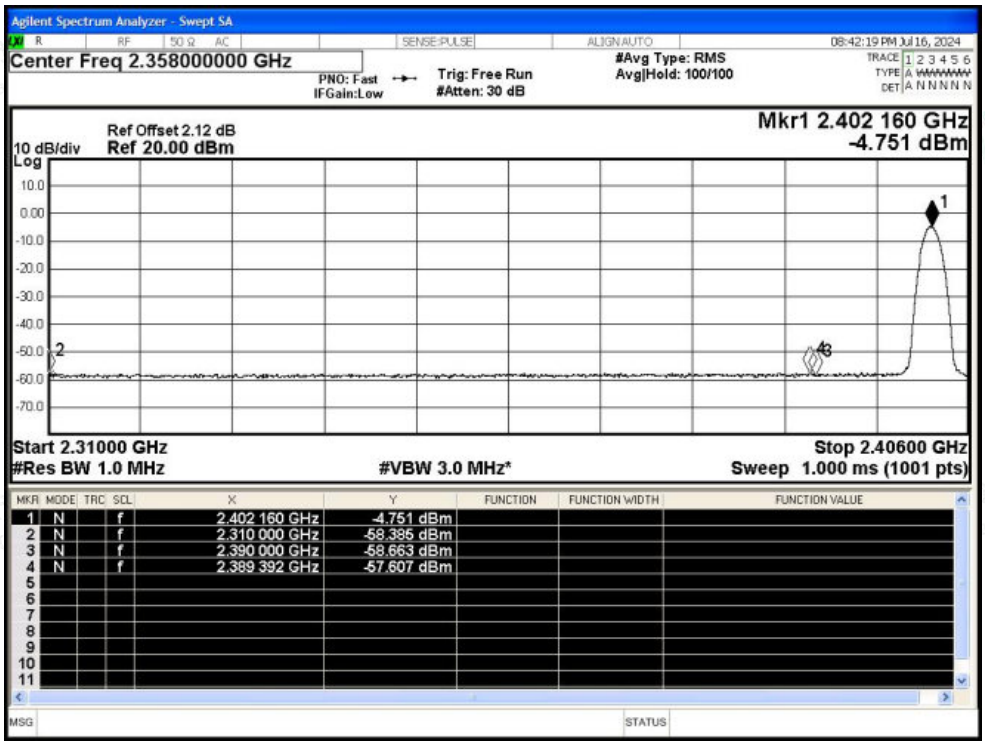
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



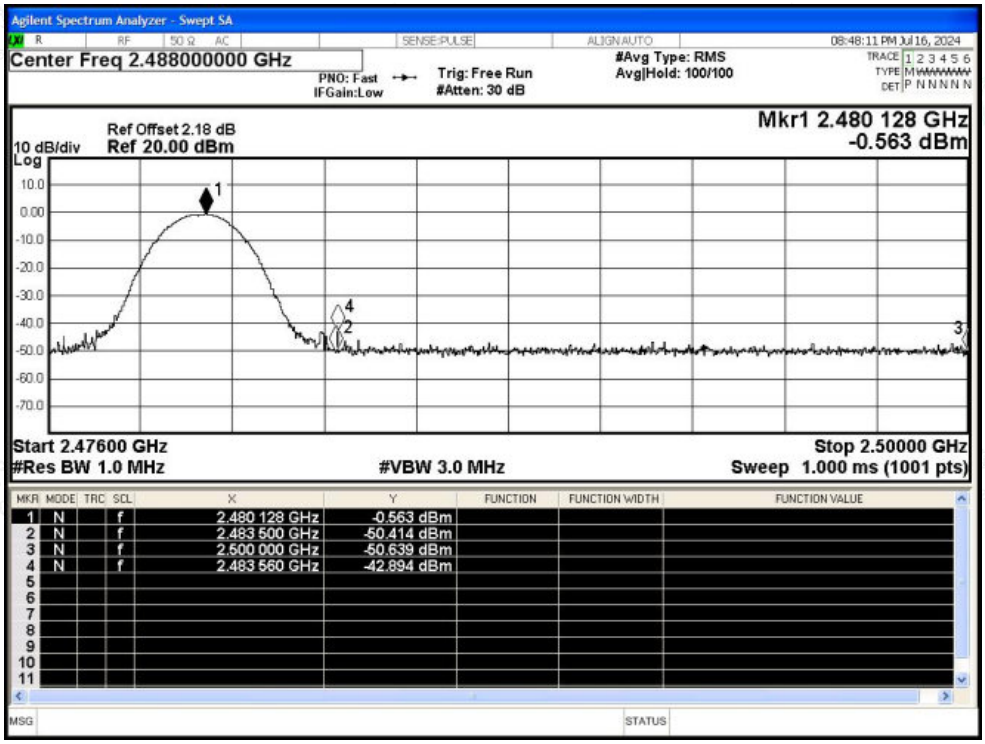
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



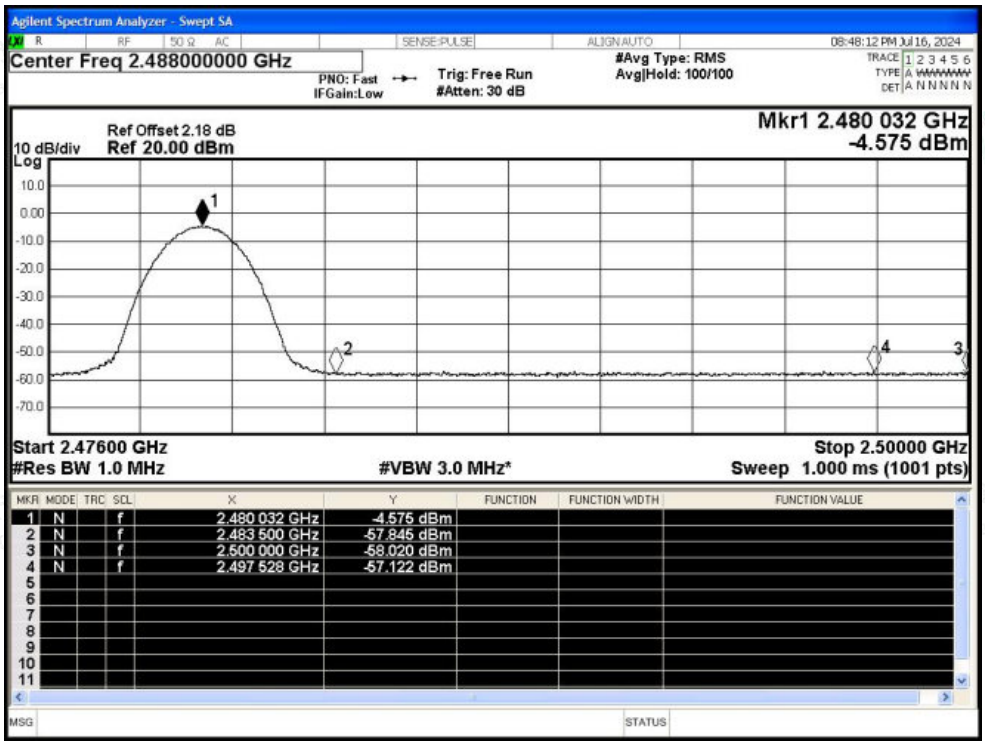
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



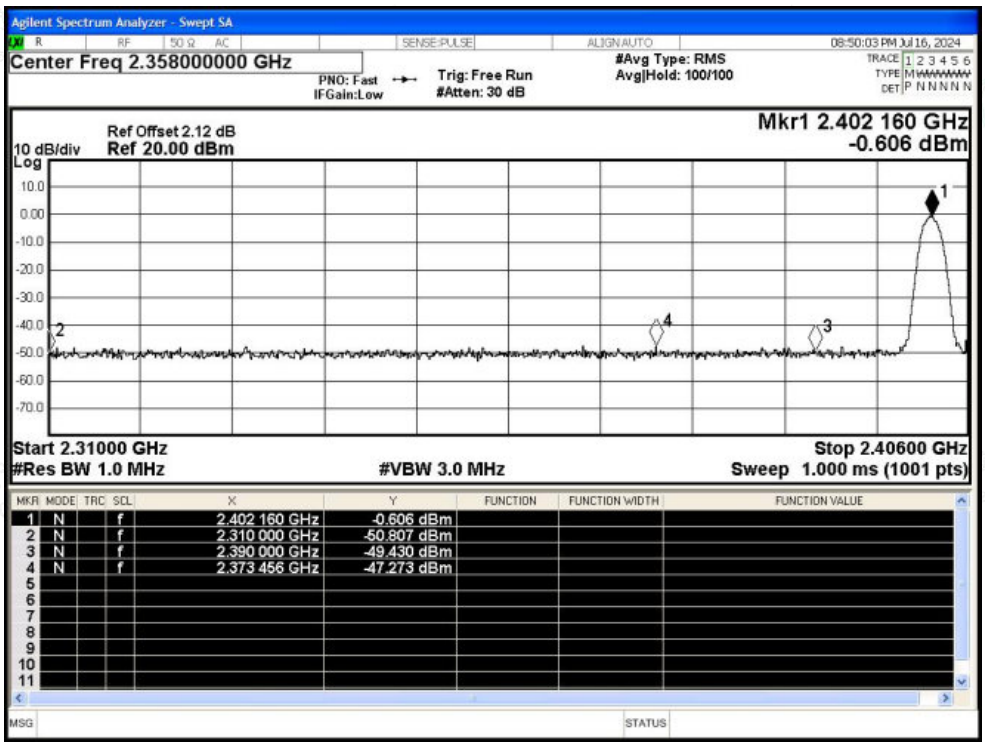
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



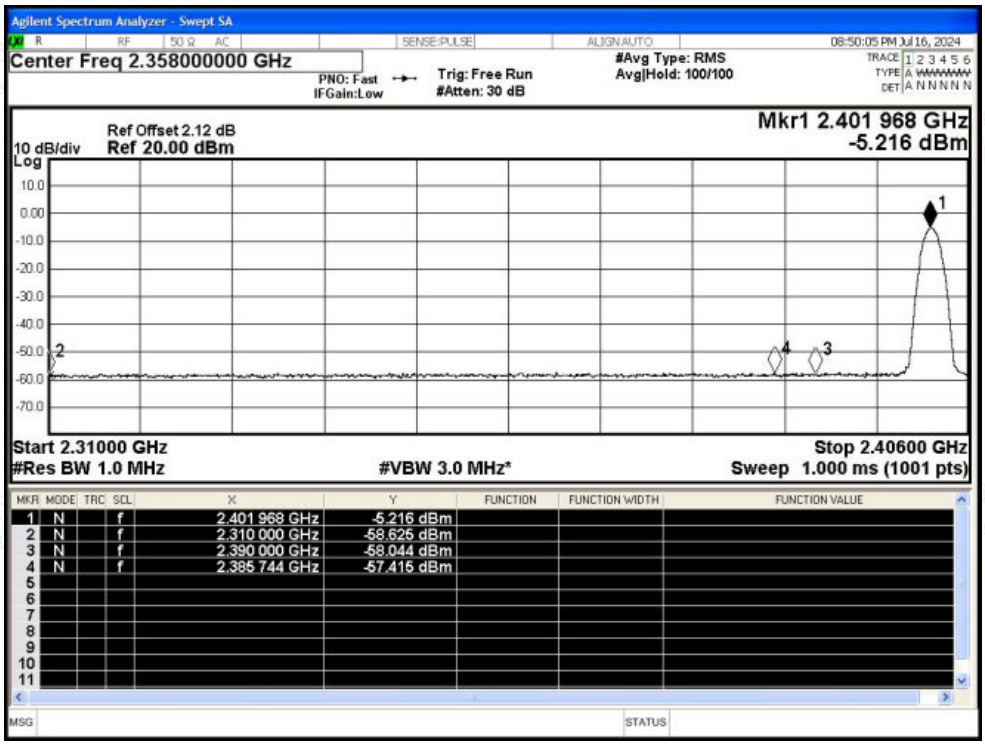
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



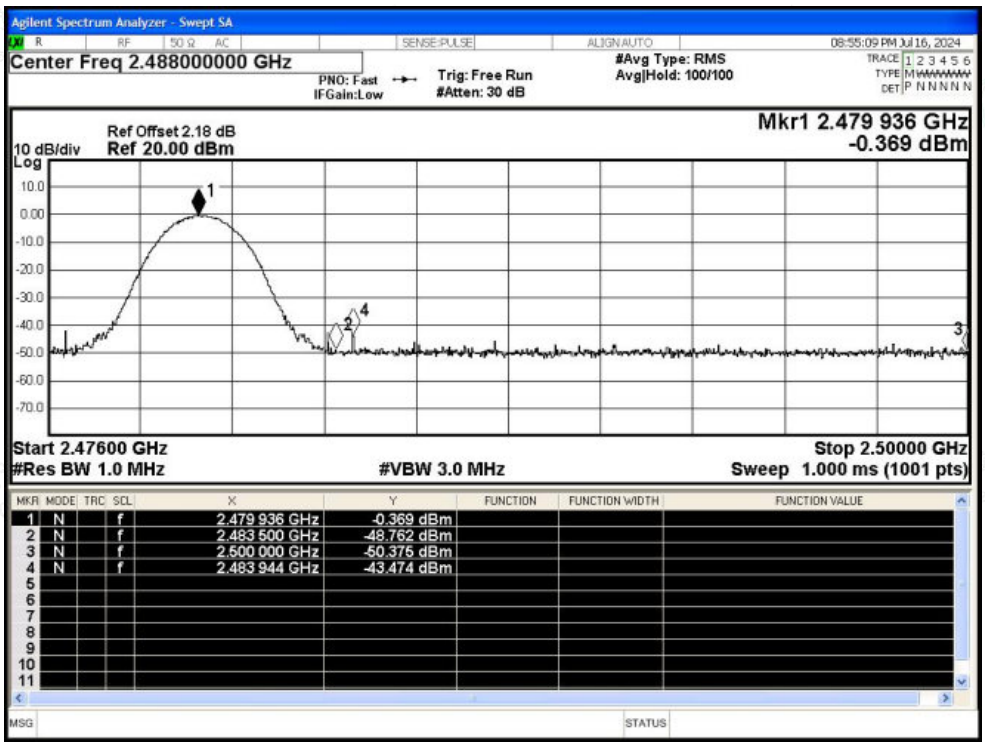
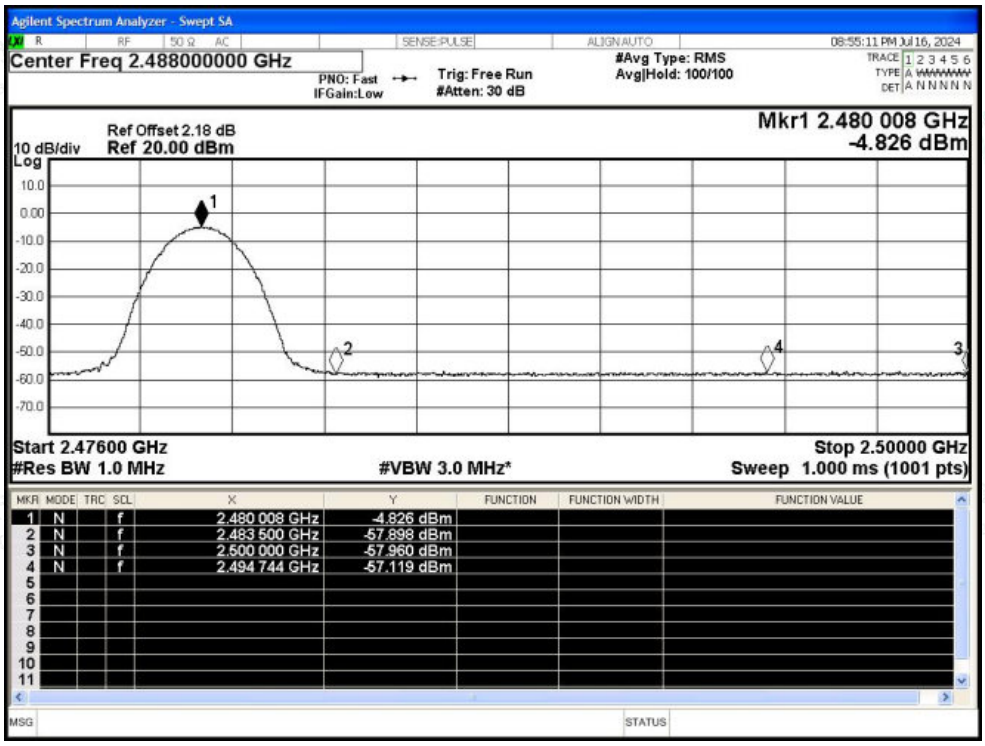
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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