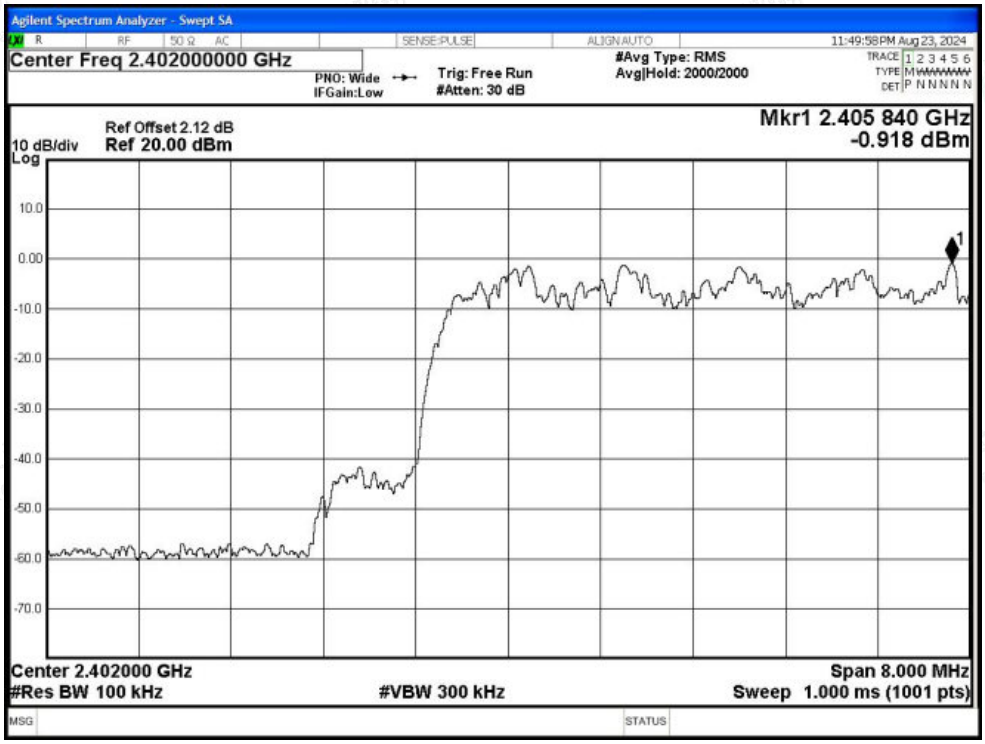
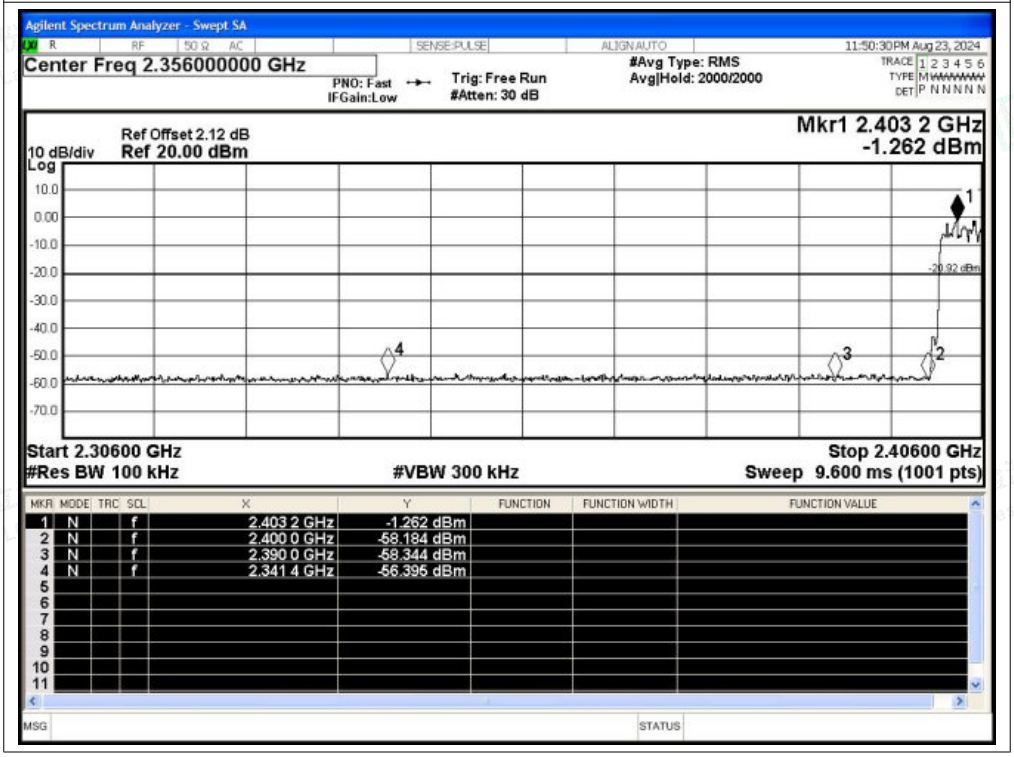
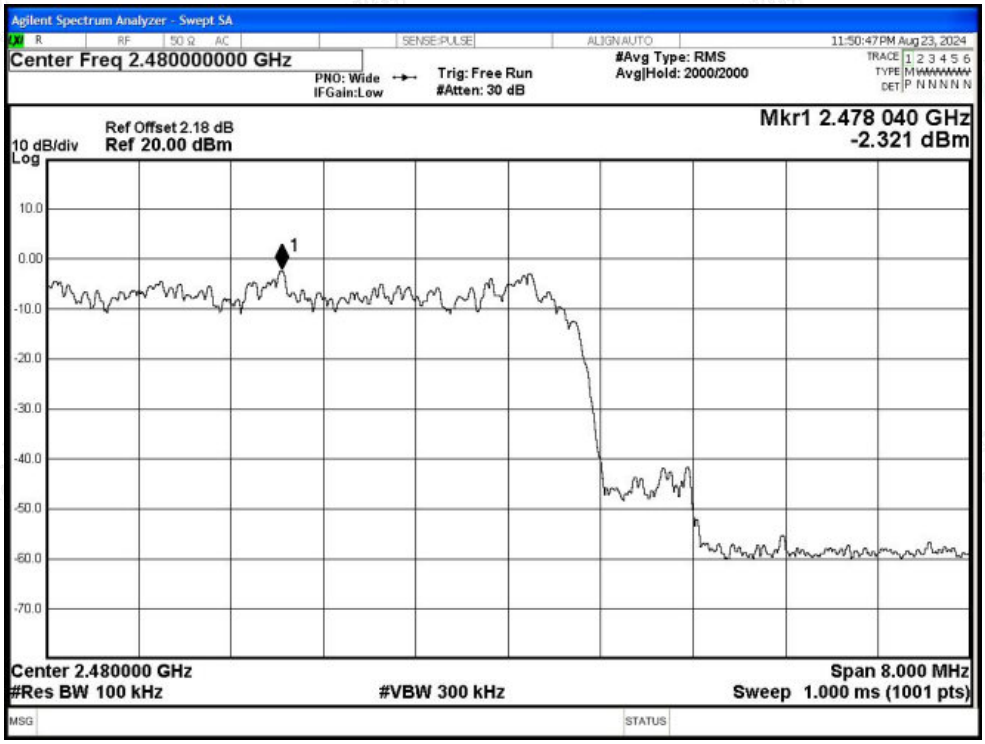
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



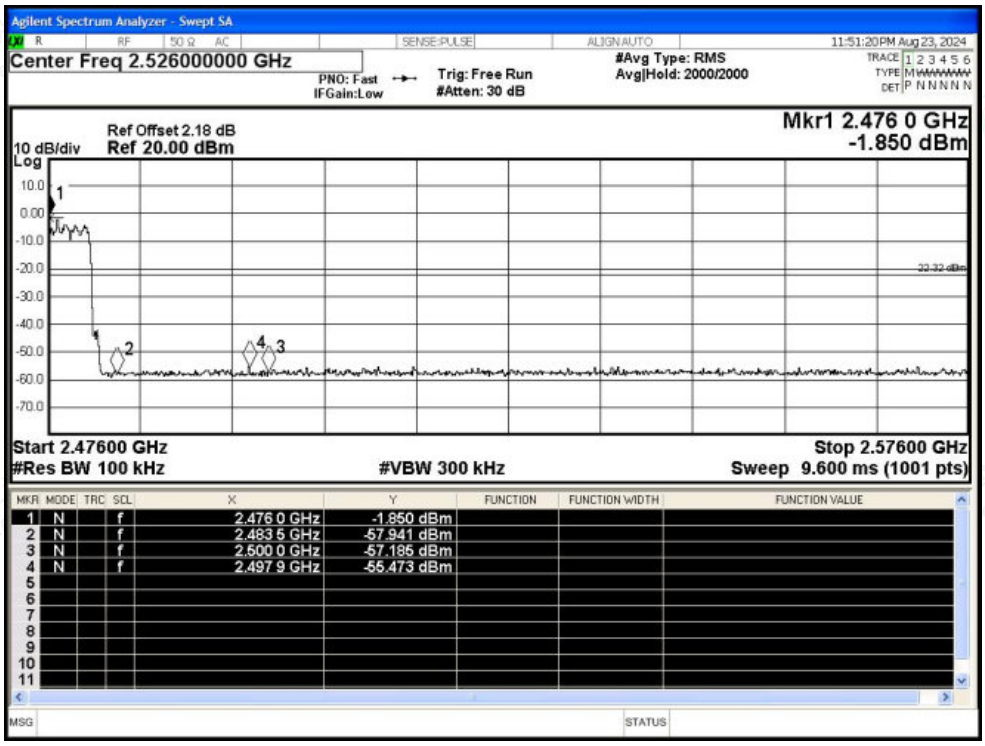
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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



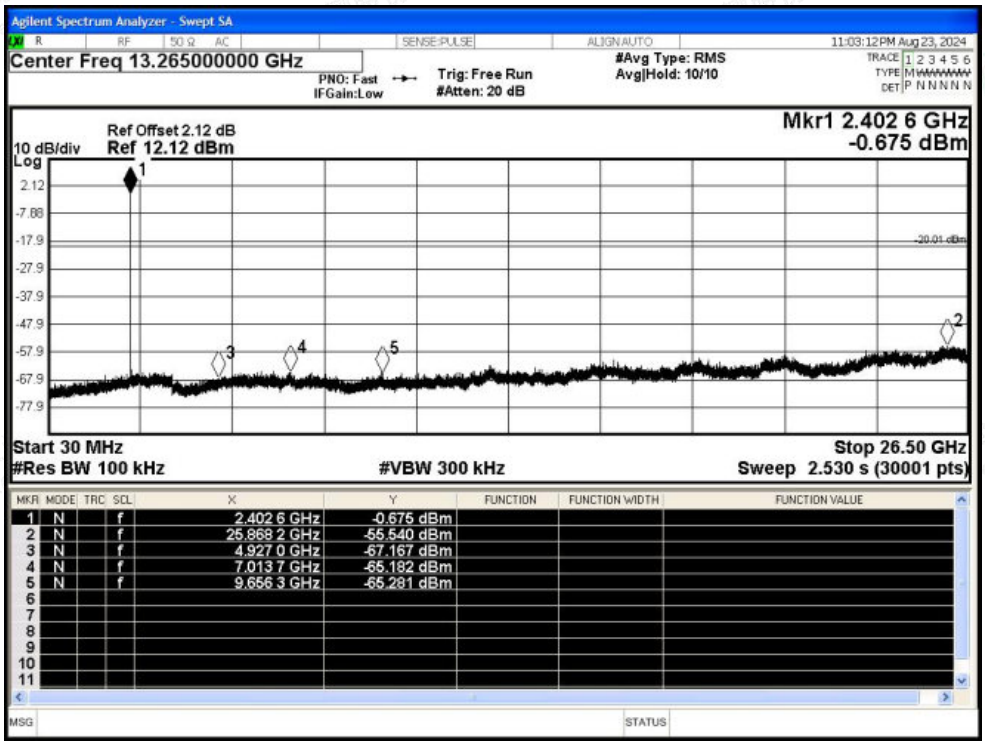
A.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.53	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.99	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.59	-20	Pass
NVNT	2-DH5	2402	Ant1	-53.29	-20	Pass
NVNT	2-DH5	2441	Ant1	-54.04	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.38	-20	Pass
NVNT	3-DH5	2402	Ant1	-53.46	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.82	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.69	-20	Pass

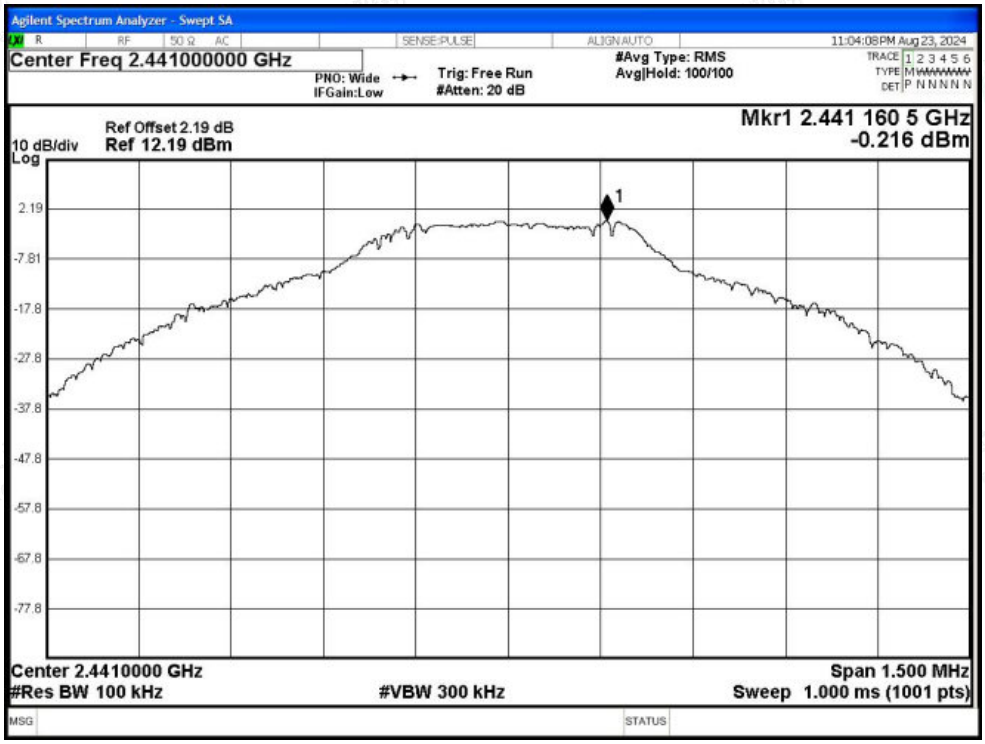
Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref

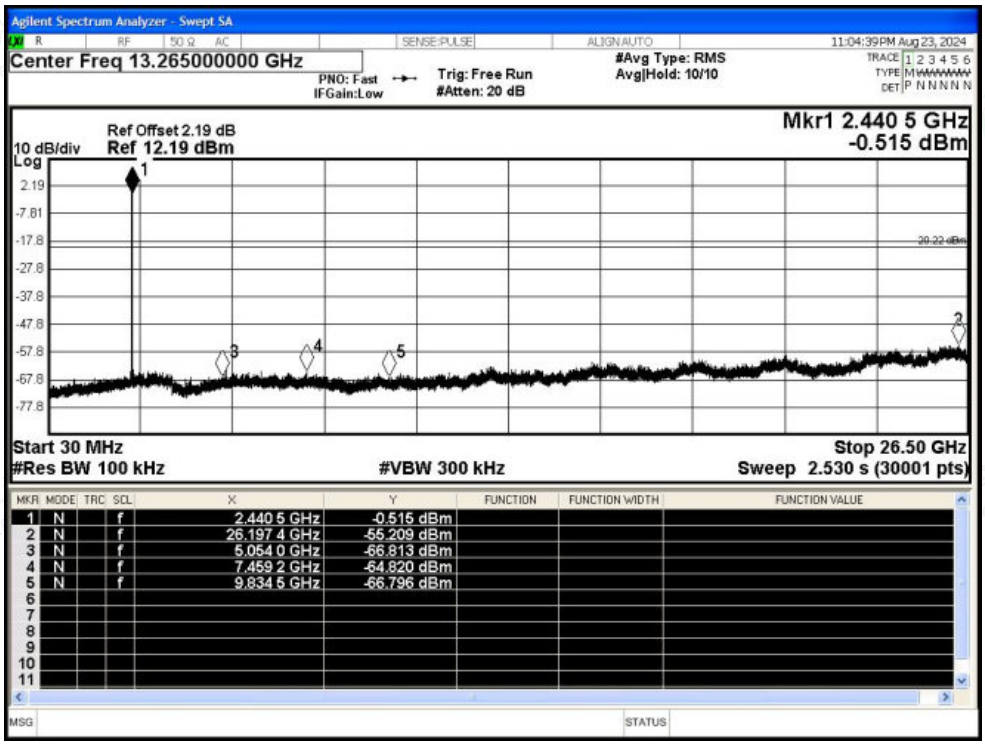
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



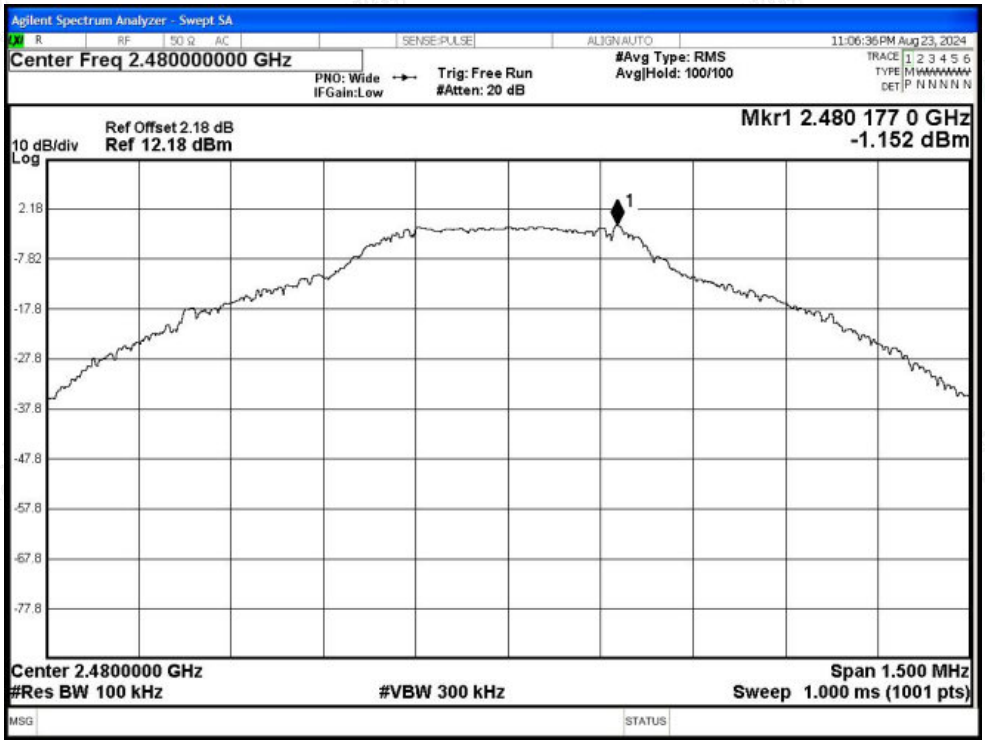
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



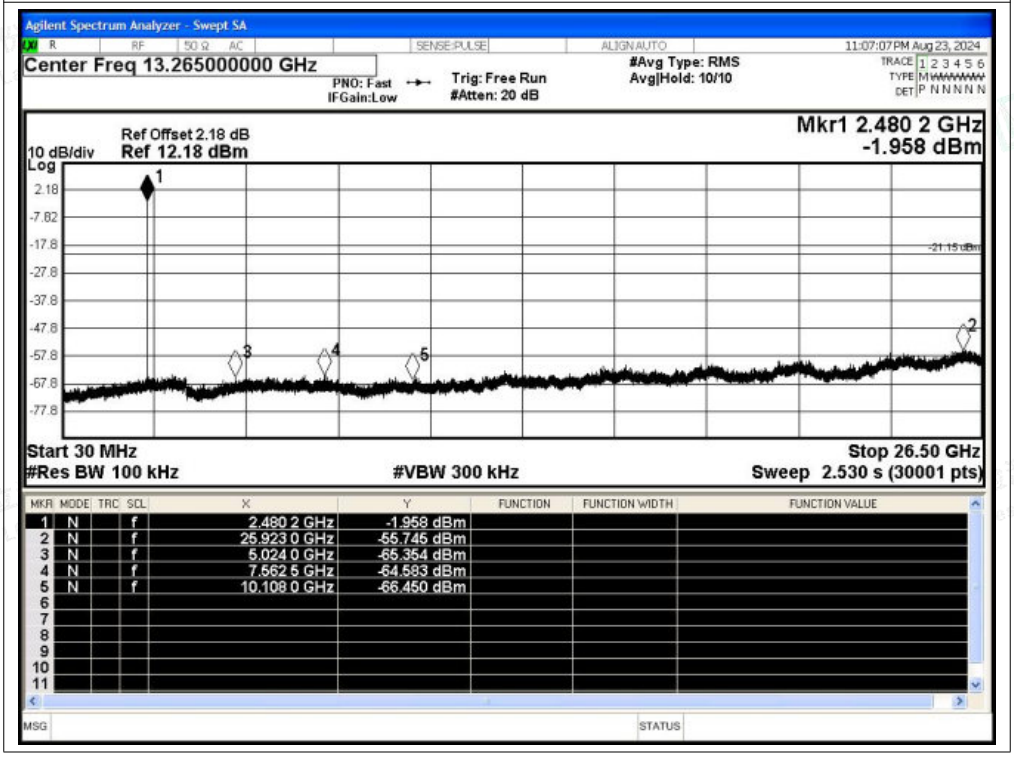
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



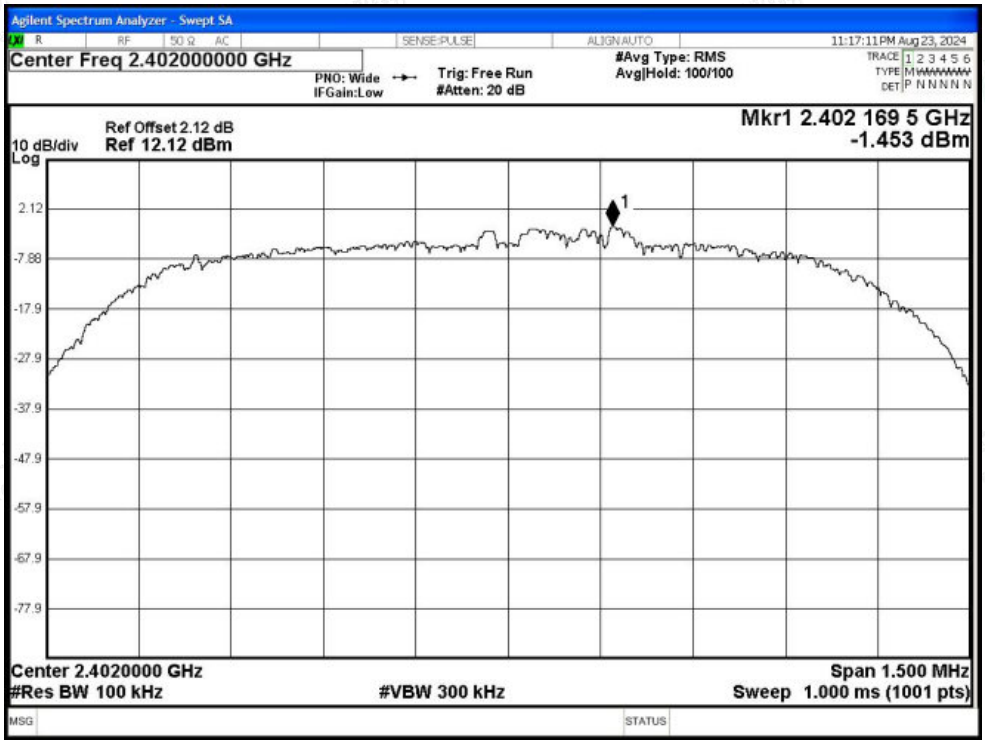
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



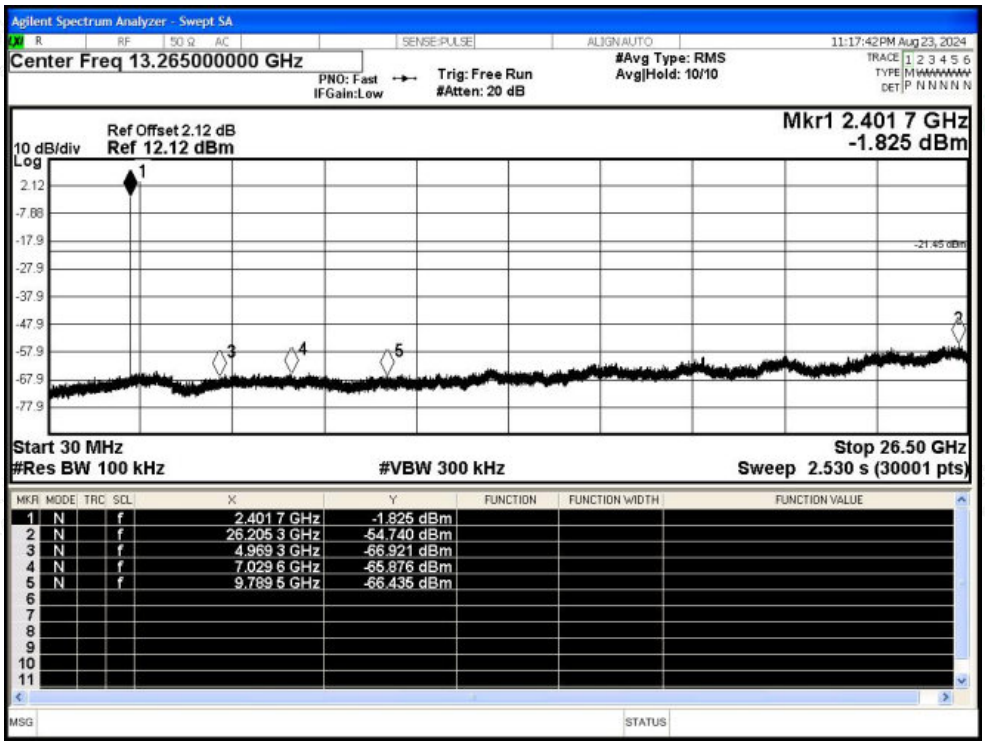
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



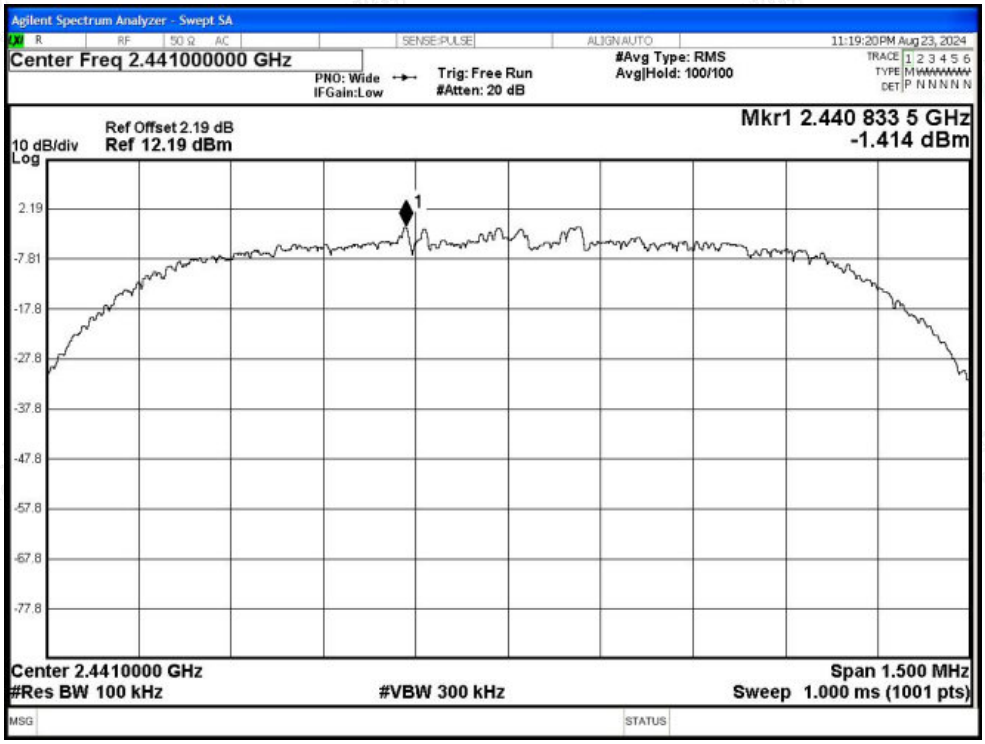
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



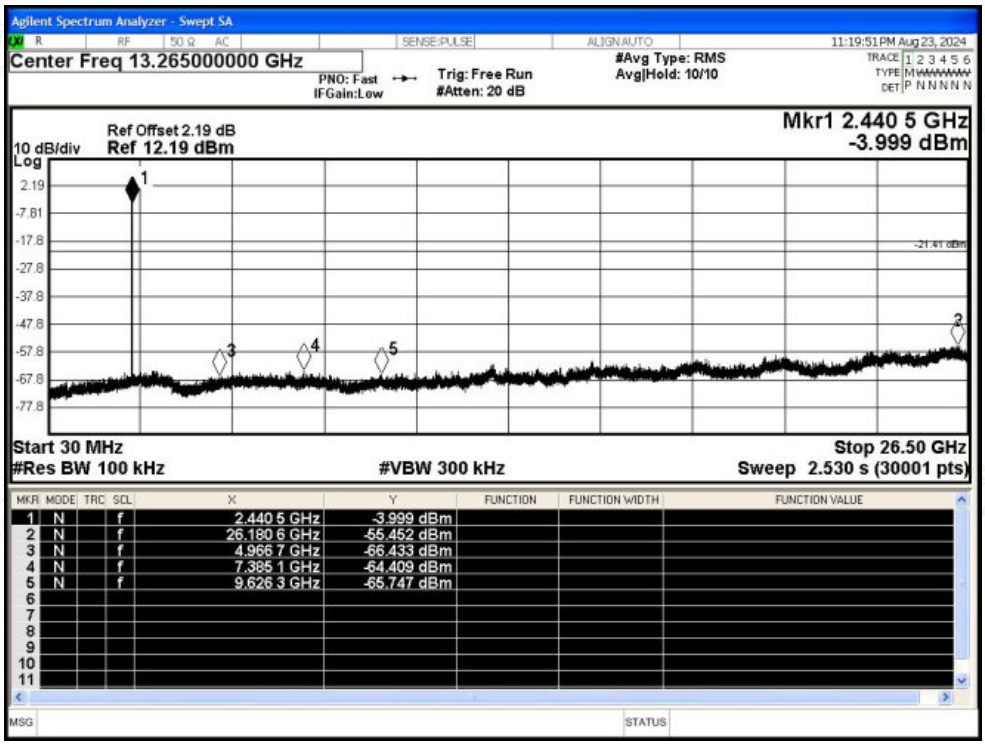
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



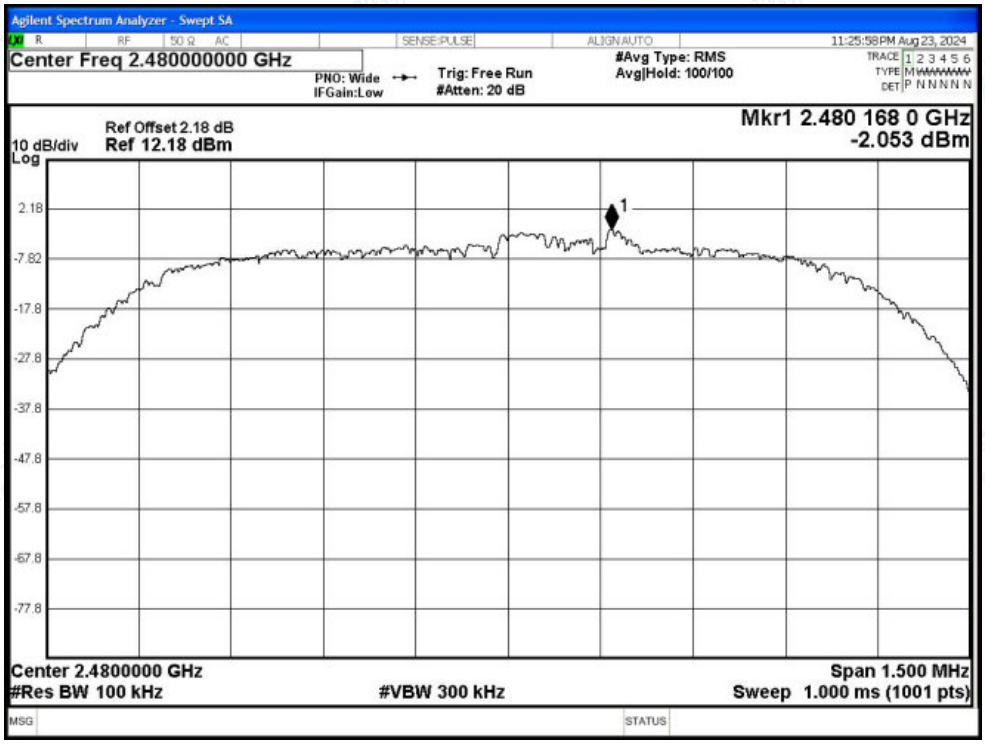
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



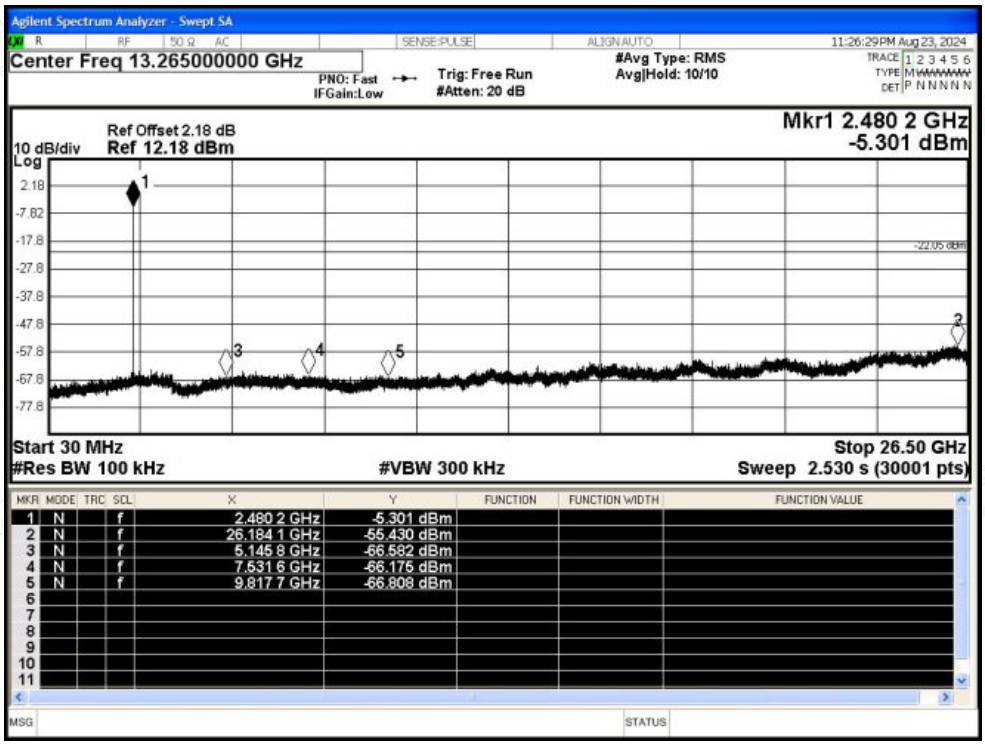
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



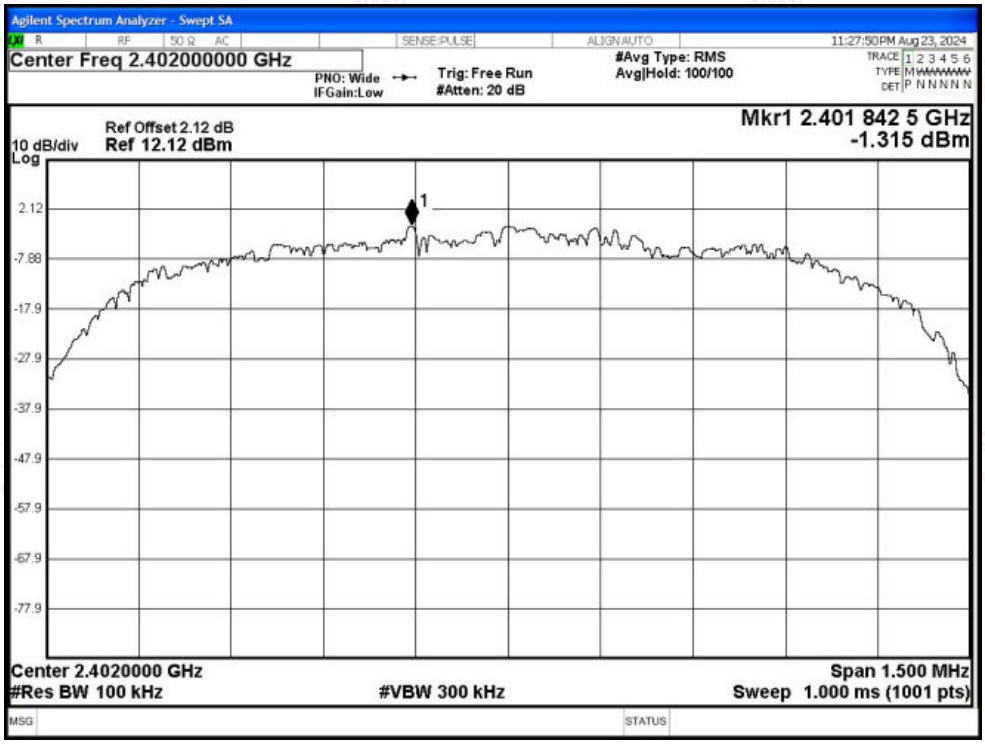
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



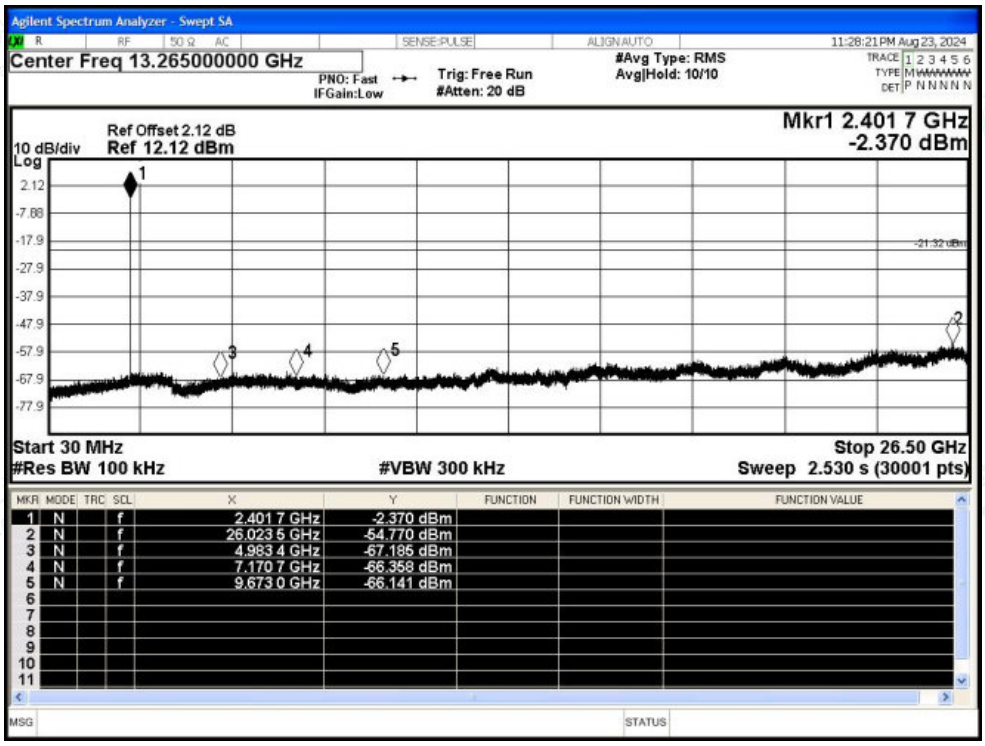
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



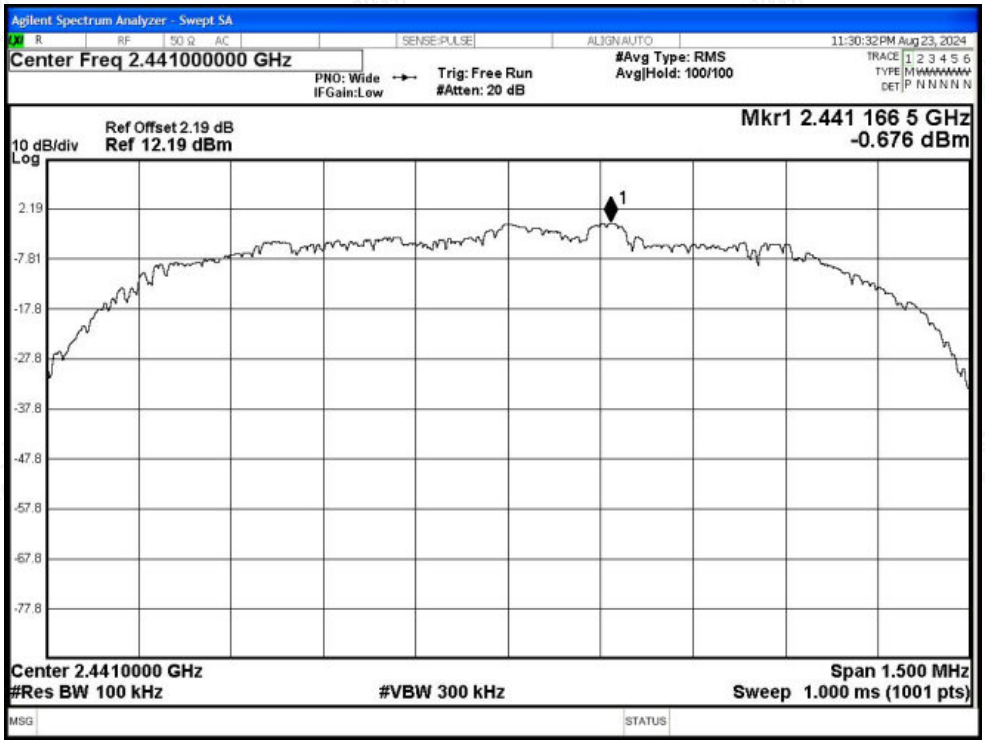
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



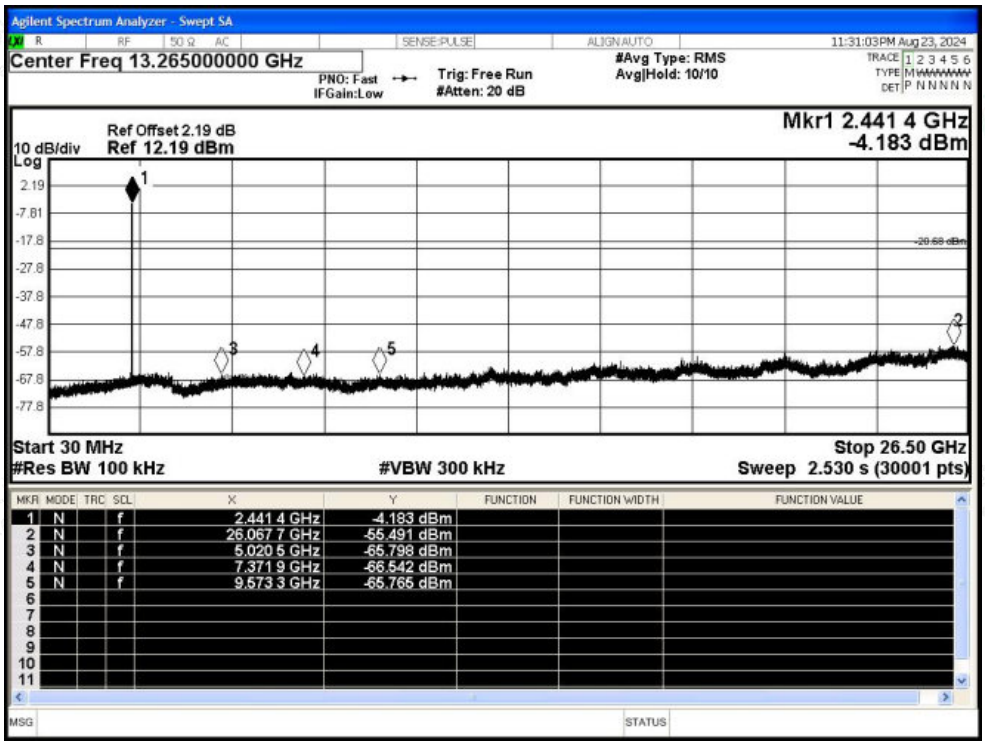
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



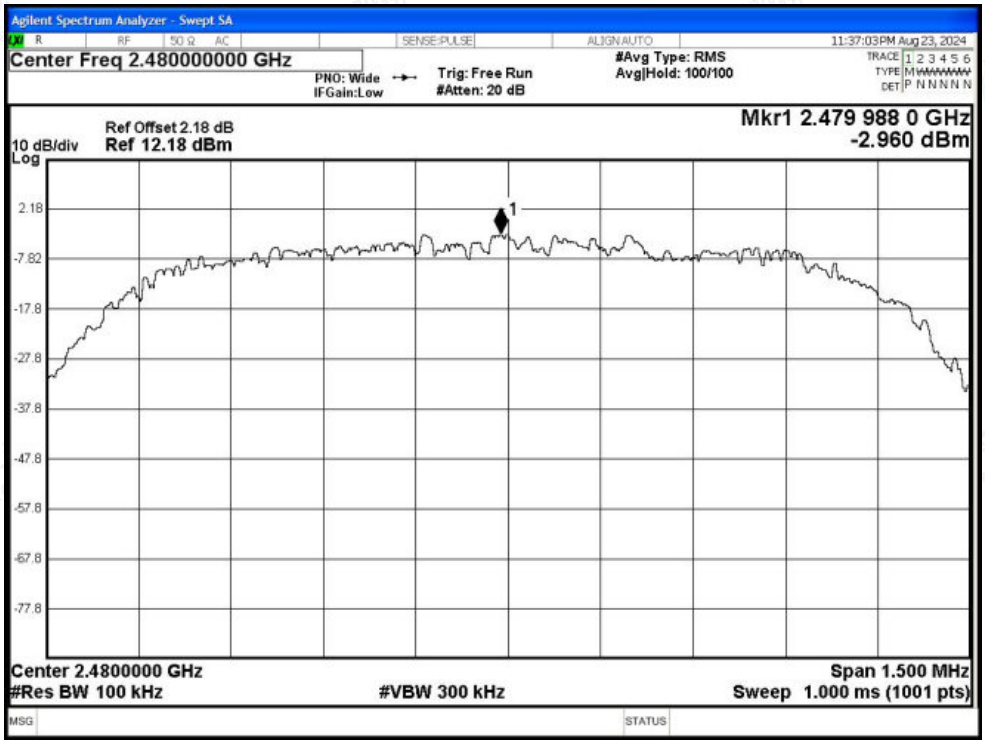
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



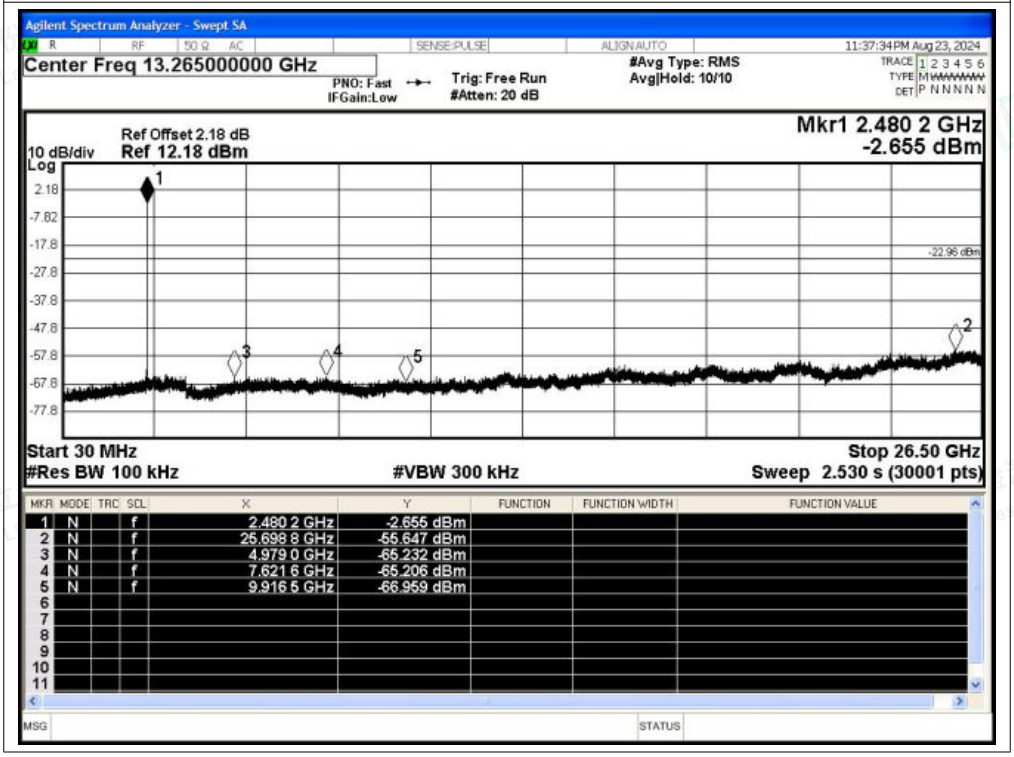
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

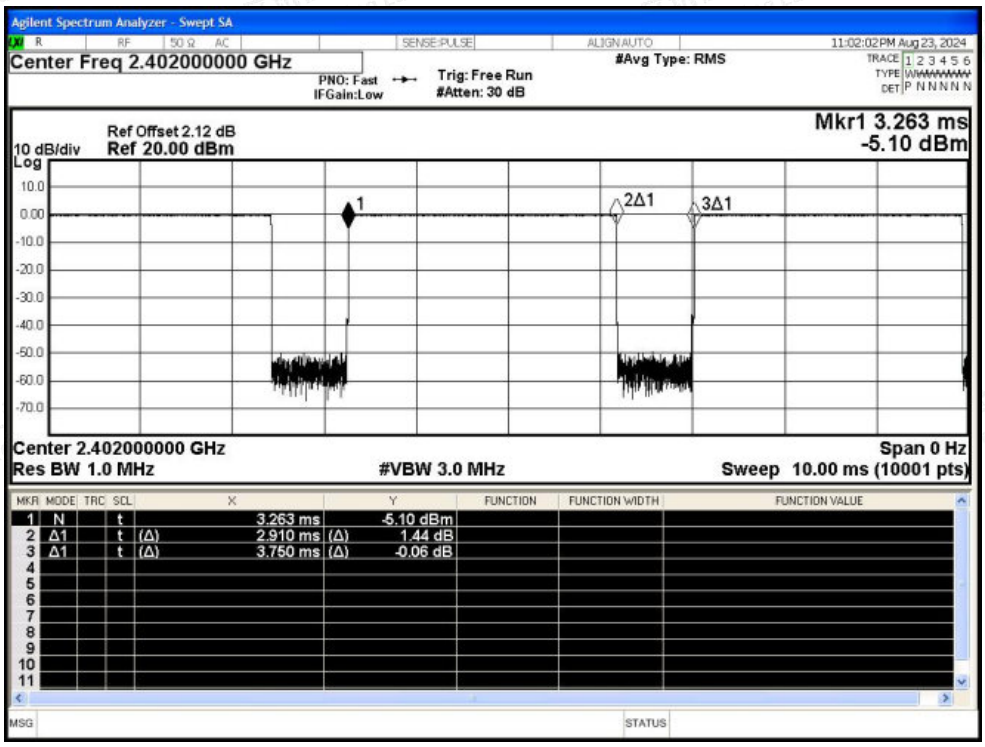


A.8 Duty Cycle

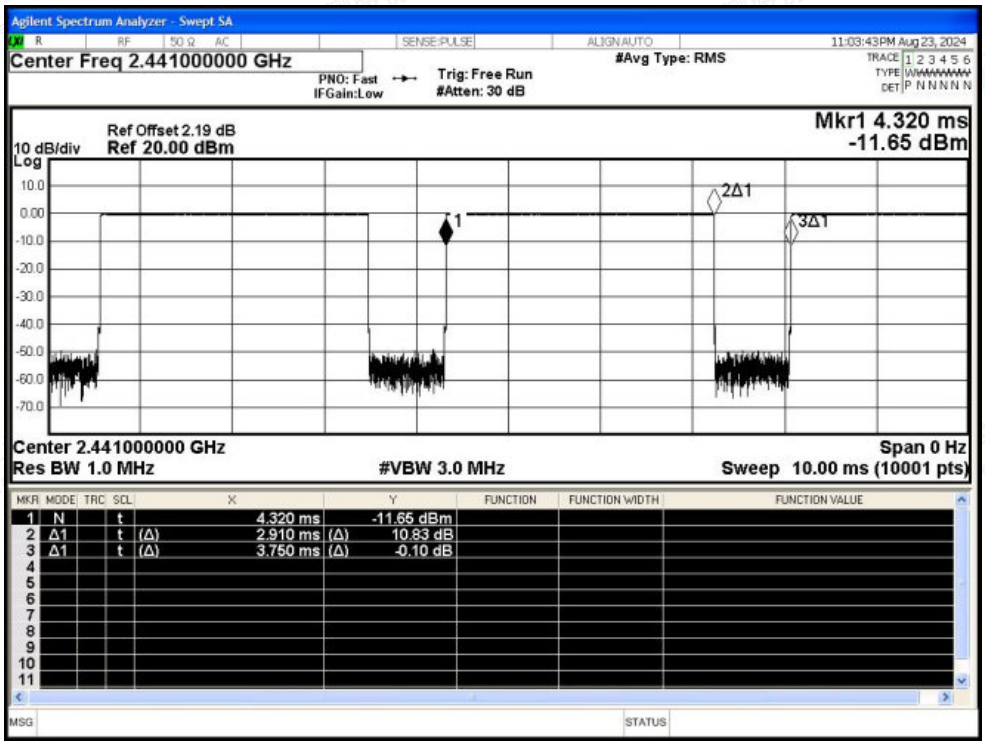
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.33	1.12	0.34
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.29	1.12	0.34
NVNT	3-DH5	2480	Ant1	77.28	1.12	0.35

Test Graphs

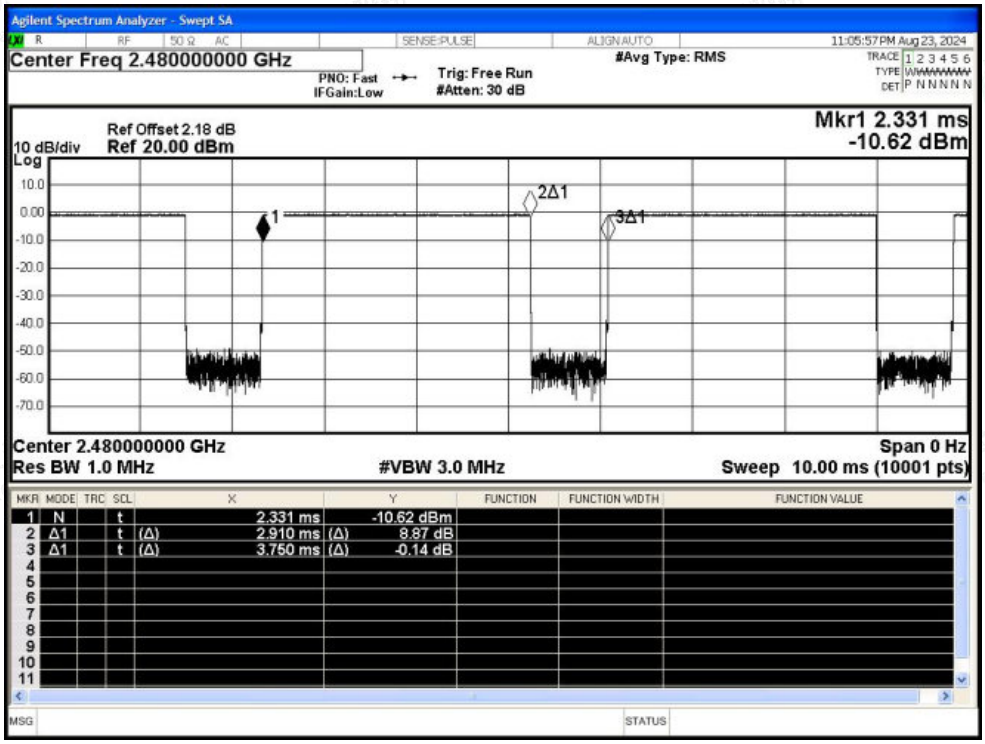
Duty Cycle NVNT 1-DH5 2402MHz Ant1



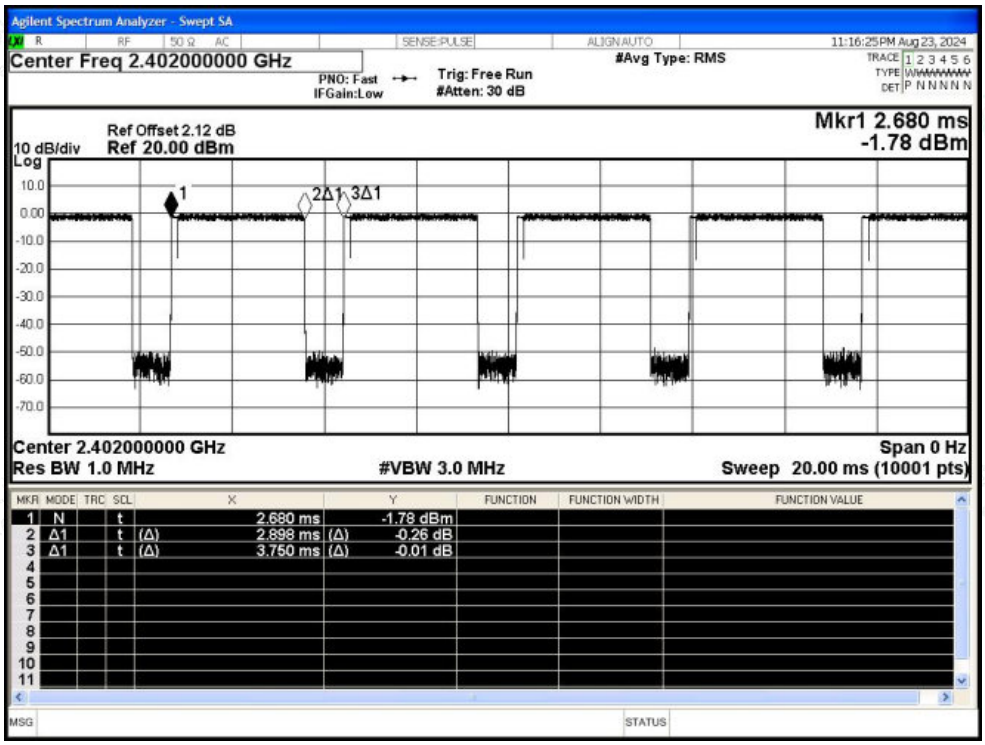
Duty Cycle NVNT 1-DH5 2441MHz Ant1



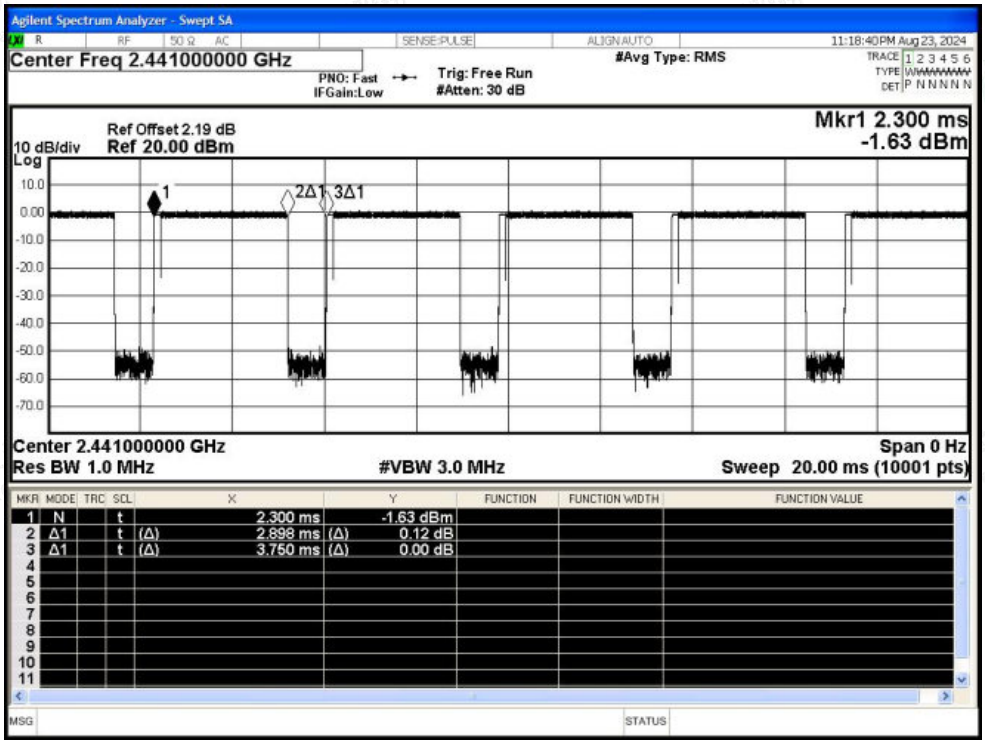
Duty Cycle NVNT 1-DH5 2480MHz Ant1



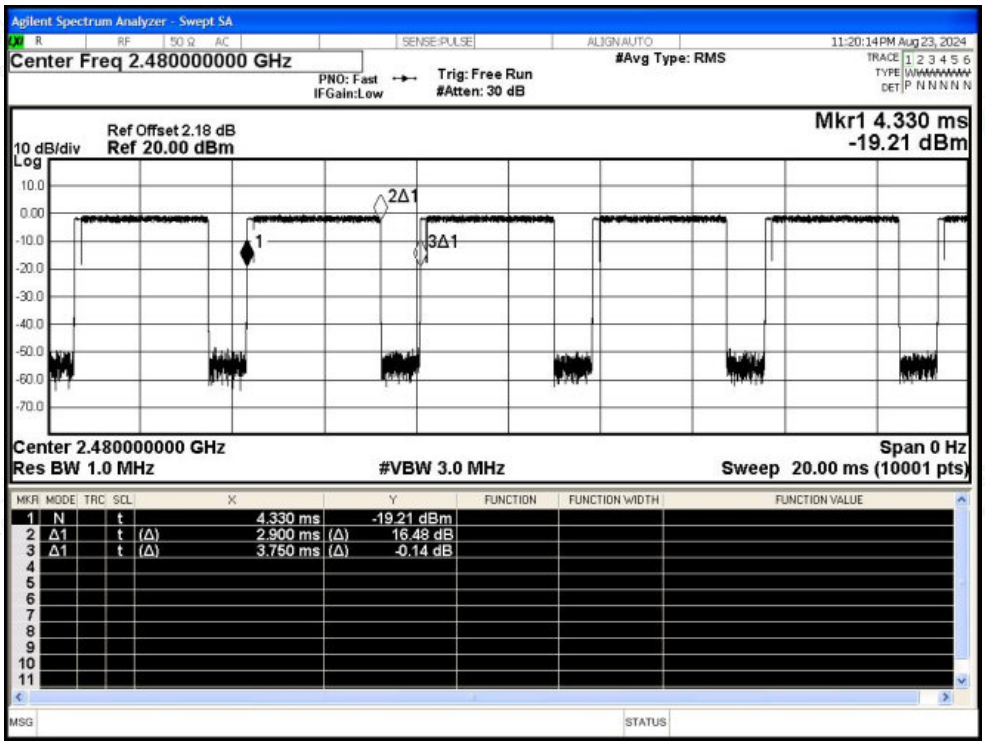
Duty Cycle NVNT 2-DH5 2402MHz Ant1



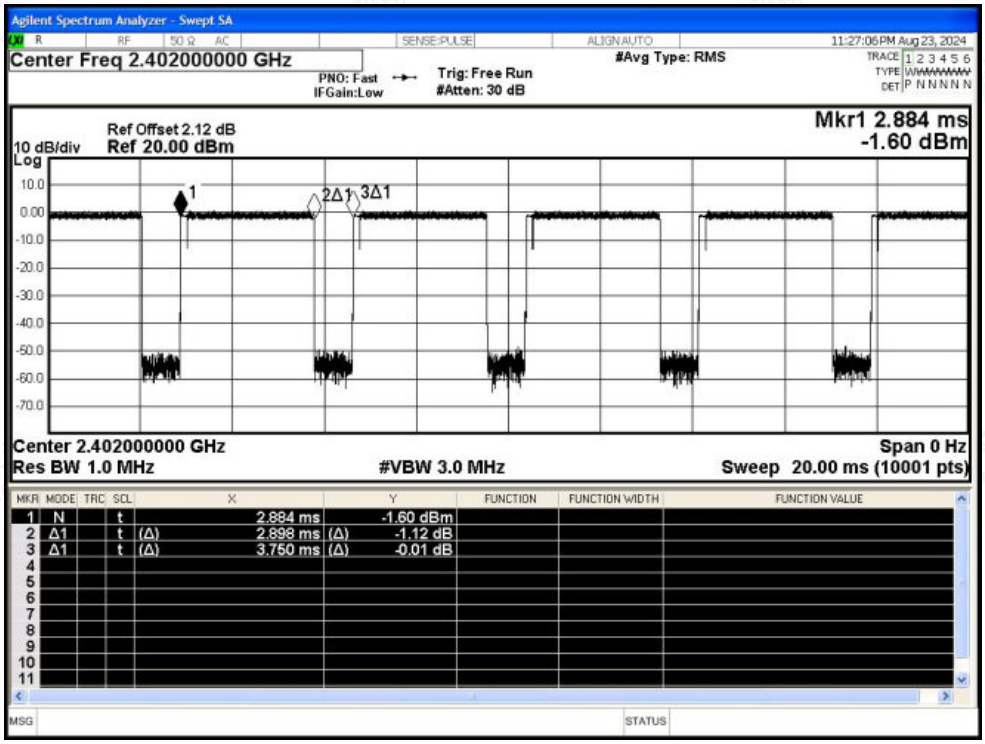
Duty Cycle NVNT 2-DH5 2441MHz Ant1



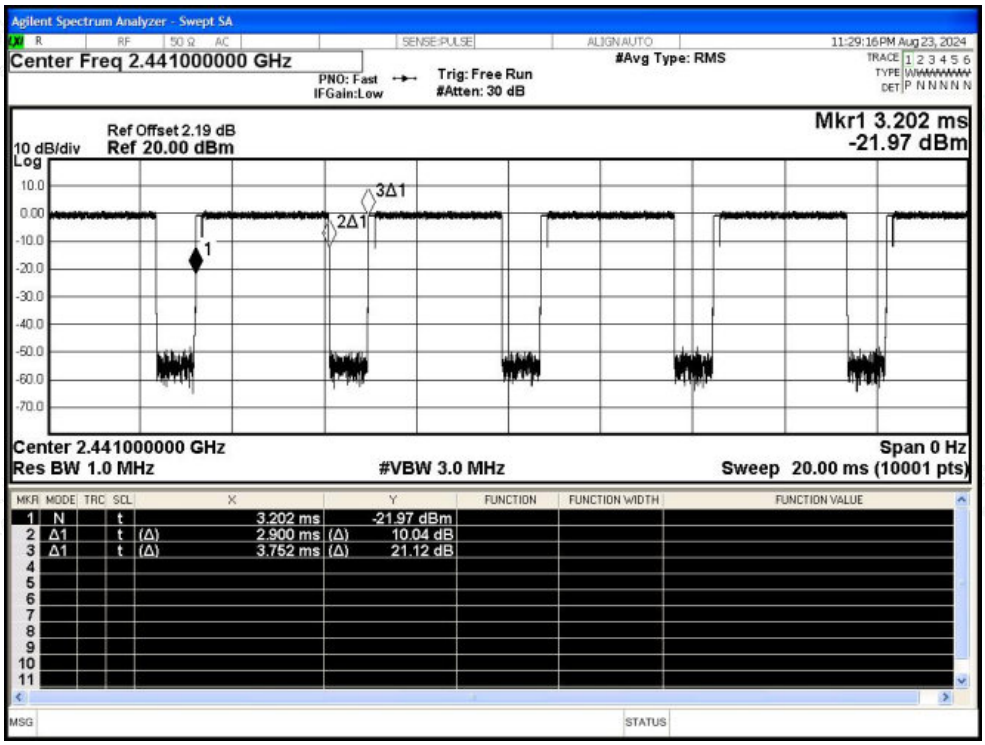
Duty Cycle NVNT 2-DH5 2480MHz Ant1



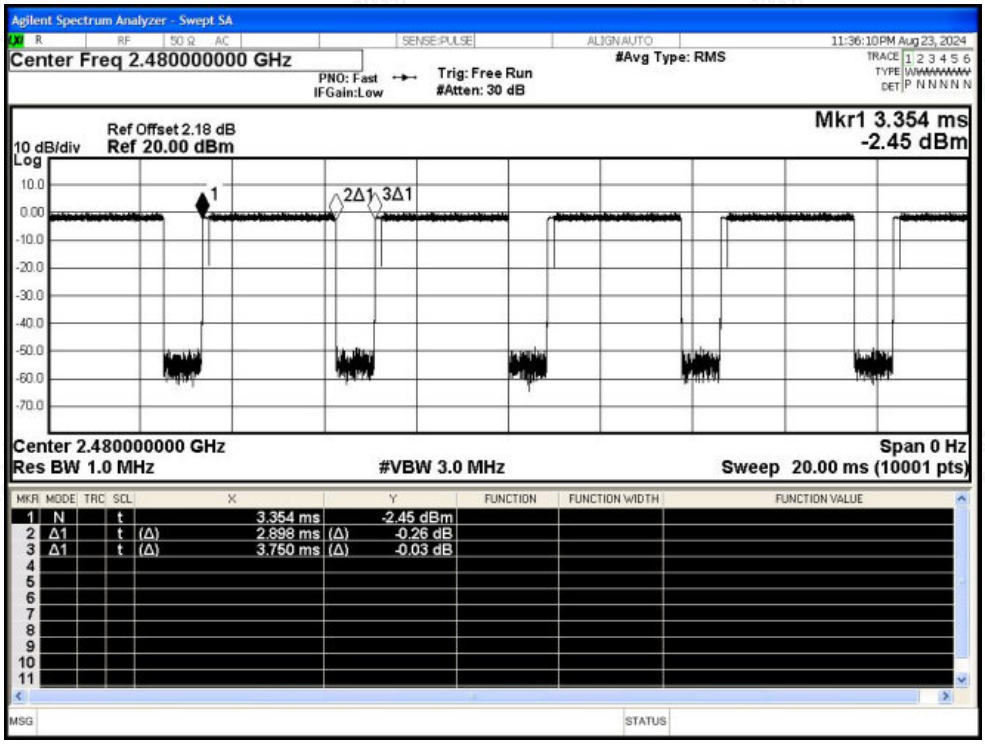
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

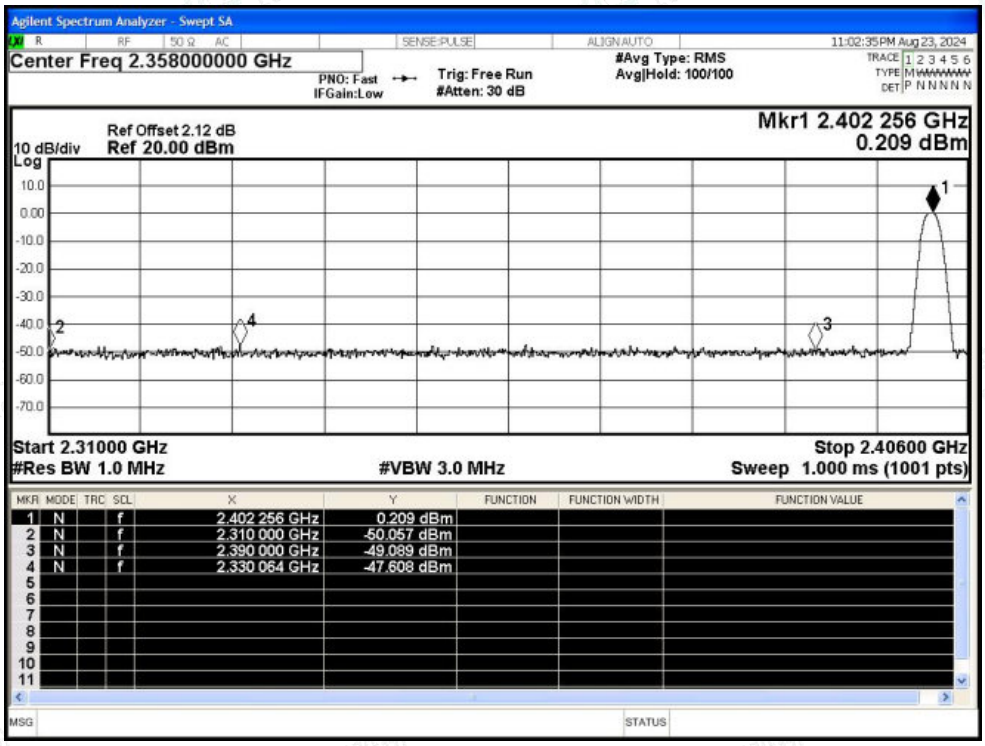


A.9 Restrict Band

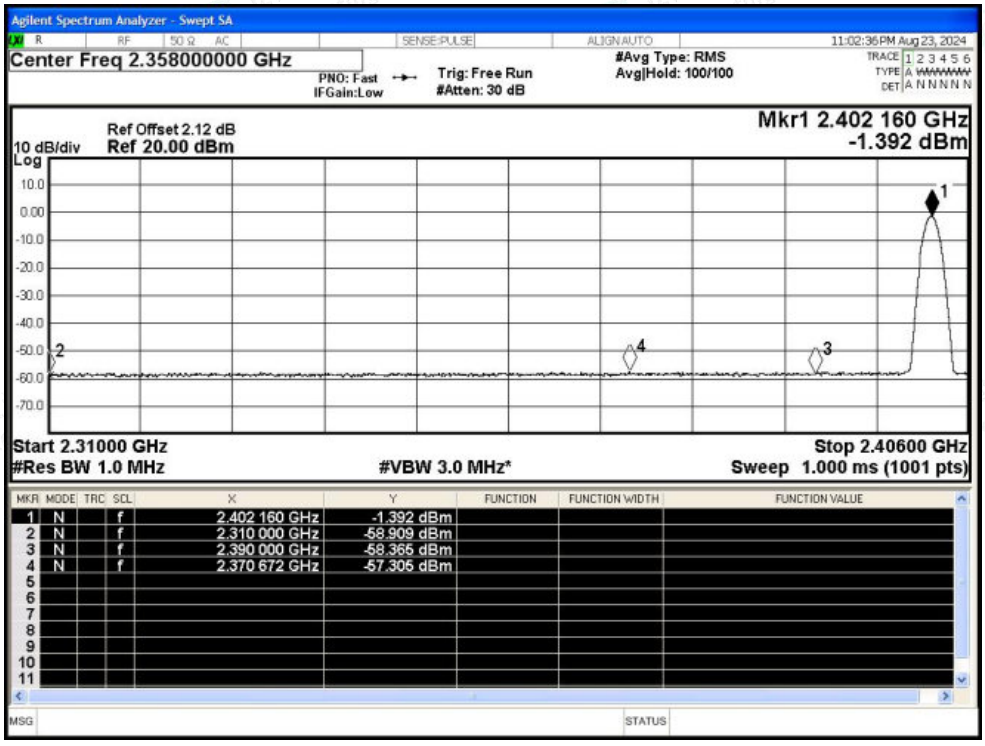
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-50.06	2	-	47.2	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.91	2	1.1	39.45	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2330.064	-47.61	2	-	49.65	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2370.672	-57.31	2	1.1	41.05	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.09	2	-	48.17	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.37	2	1.1	39.99	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.27	2	-	47.99	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-57.98	2	1.1	40.38	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2495.128	-46.43	2	-	50.83	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2486.968	-57.1	2	1.1	41.26	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.4	2	-	47.86	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.98	2	1.1	40.38	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-49.57	2	-	47.69	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.57	2	1.12	39.81	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2341.488	-47.41	2	-	49.85	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2389.968	-57.6	2	1.12	40.78	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.82	2	-	46.44	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.6	2	1.12	40.78	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-51.1	2	-	46.16	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-58.4	2	1.12	39.98	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2486.152	-47.2	2	-	50.06	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2496.376	-57.17	2	1.12	41.21	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-49.52	2	-	47.74	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.93	2	1.12	40.45	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-51.66	2	-	45.6	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.64	2	1.12	39.74	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2375.088	-46.9	2	-	50.36	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2385.648	-57.68	2	1.12	40.7	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.49	2	-	46.77	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.53	2	1.12	39.85	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.5	2	-	47.76	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-58.7	2	1.12	39.68	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2494.552	-46.99	2	-	50.27	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2499.88	-56.97	2	1.12	41.41	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-50.48	2	-	46.78	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.75	2	1.12	40.63	Average	54	Pass

Test Graphs

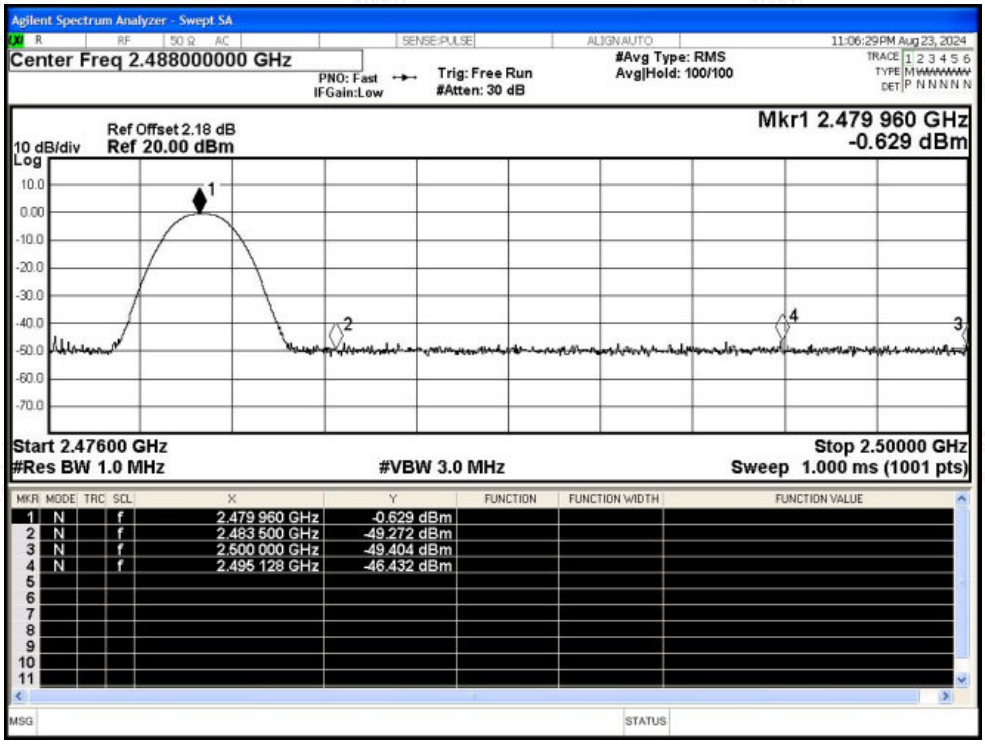
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



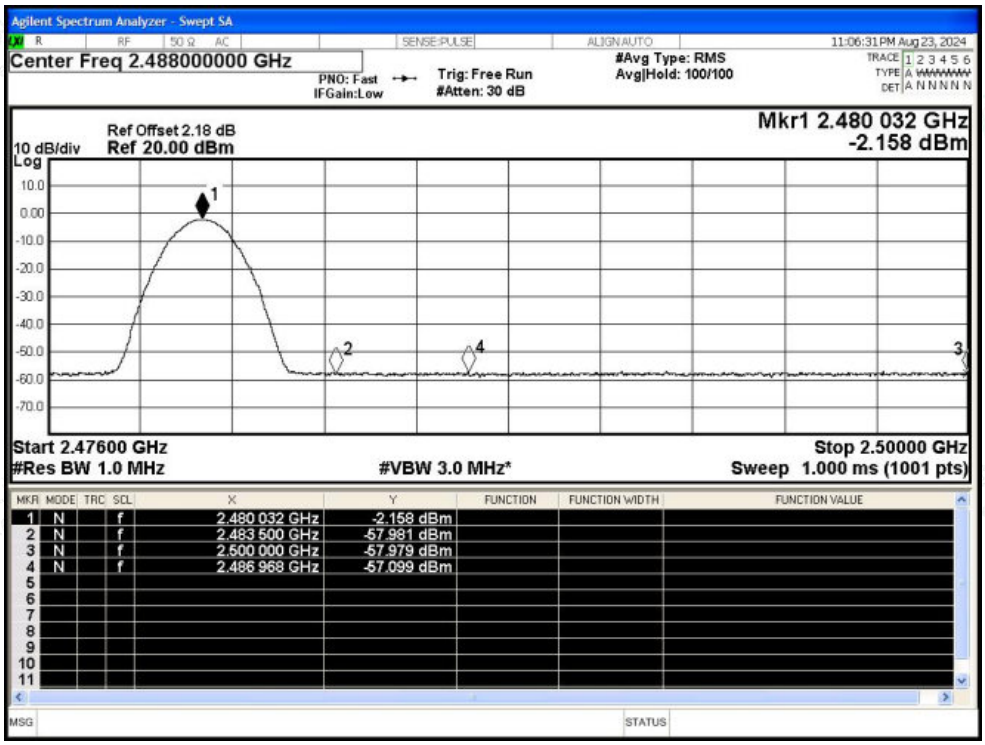
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



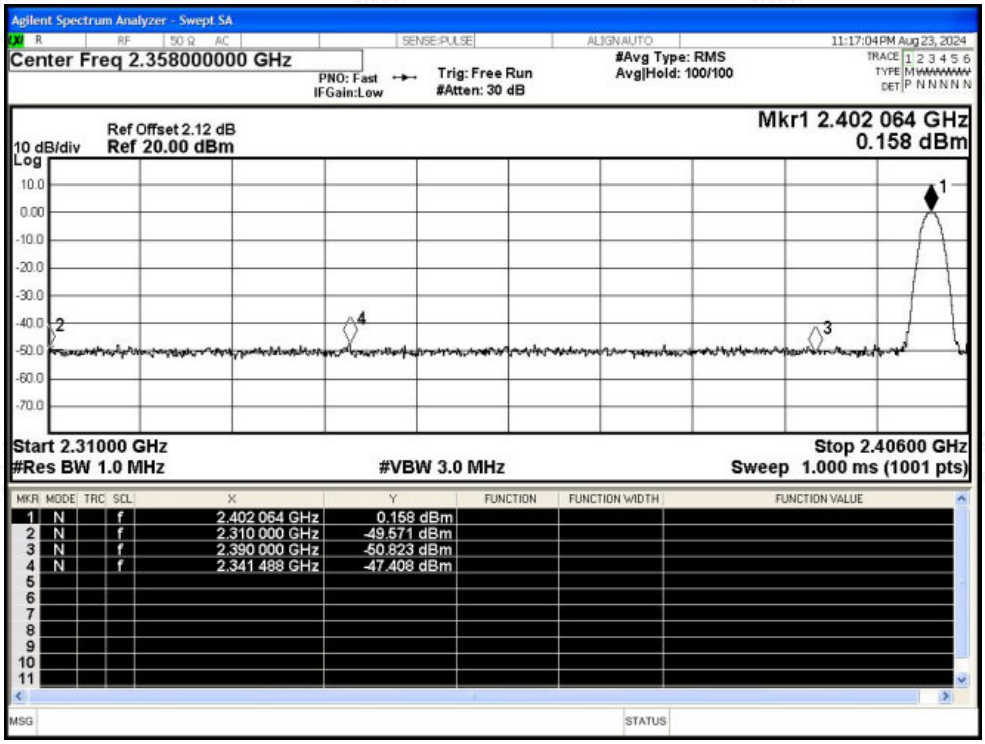
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



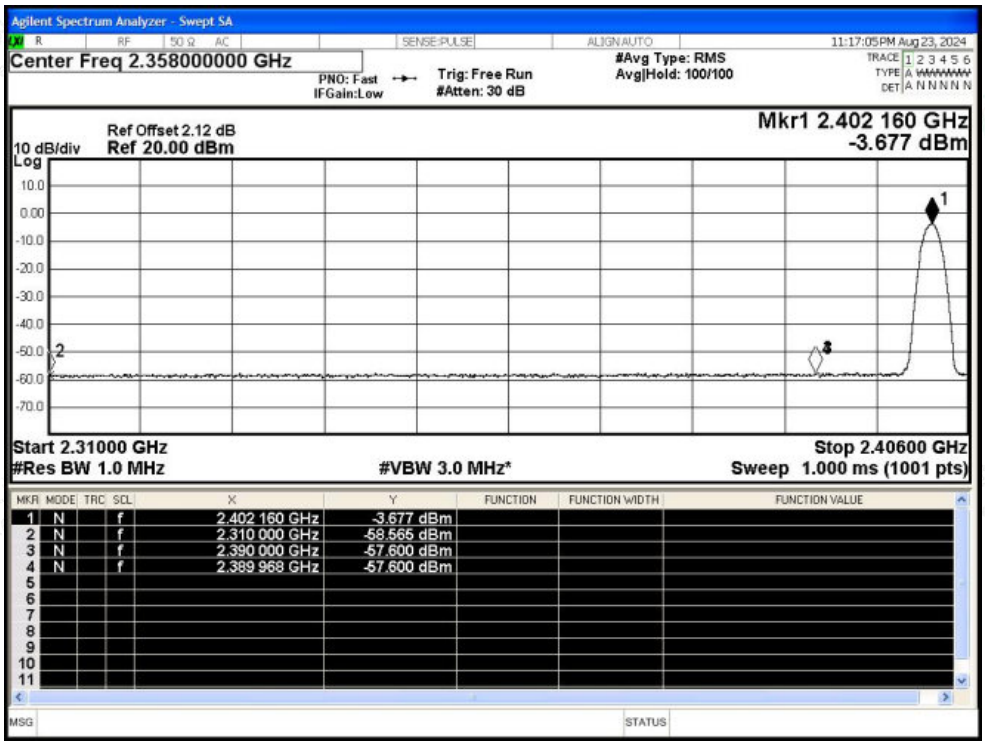
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



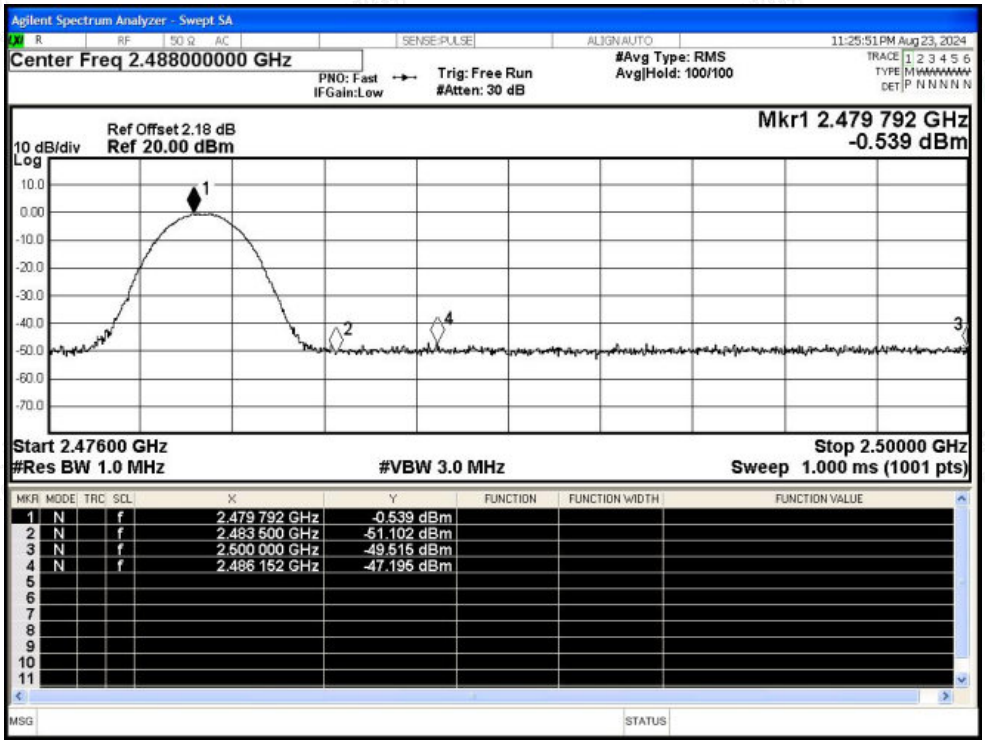
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



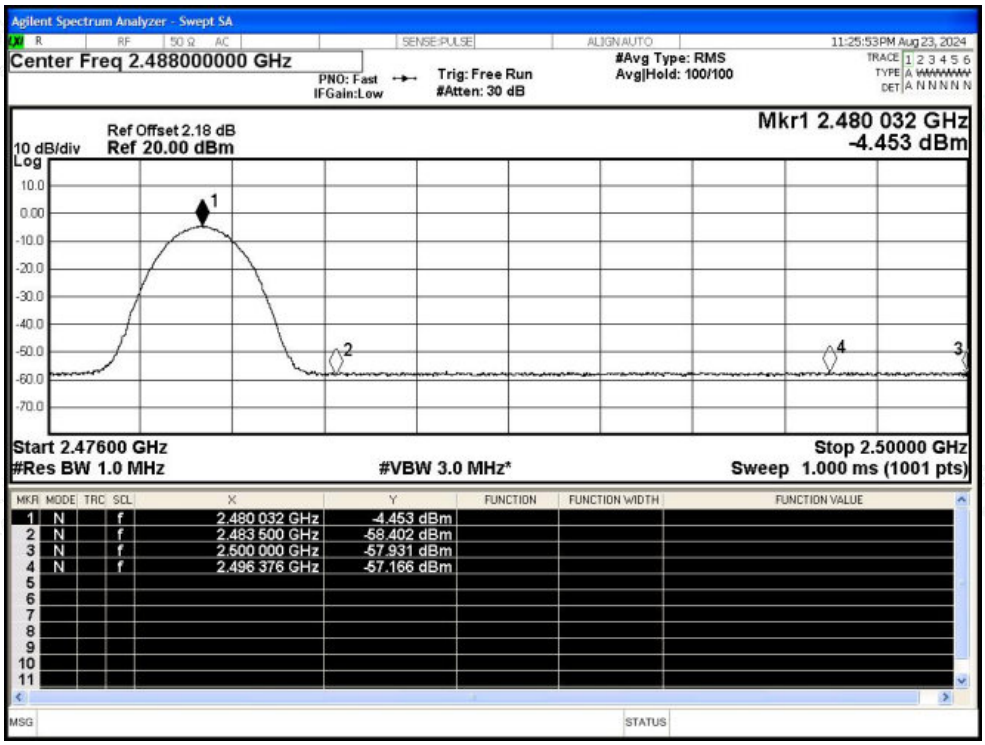
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



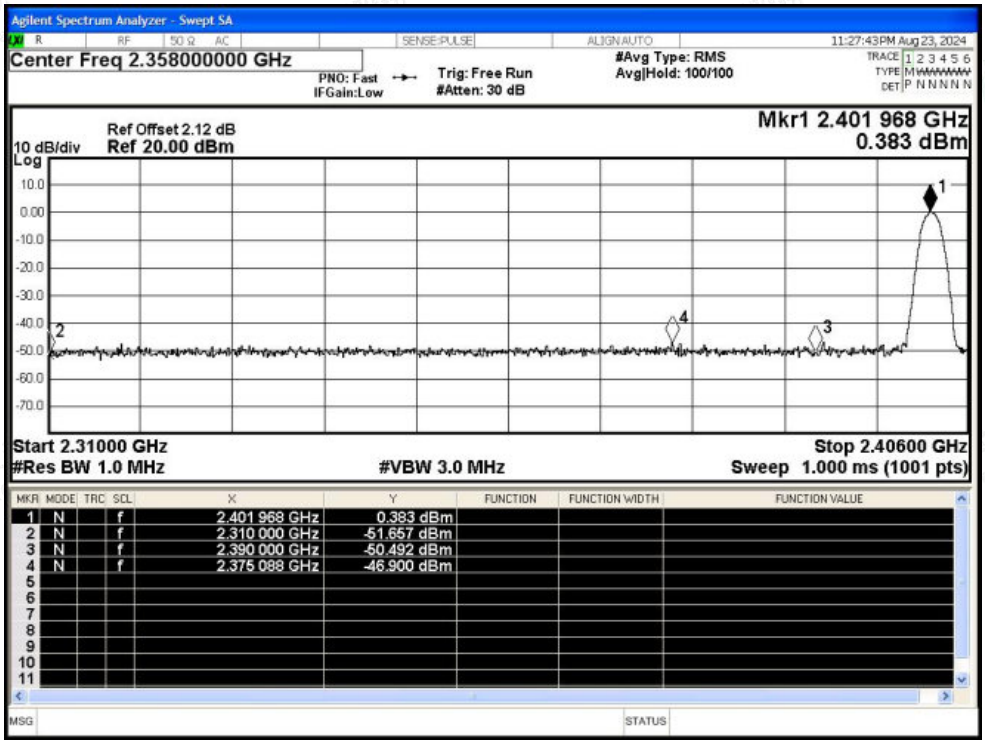
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



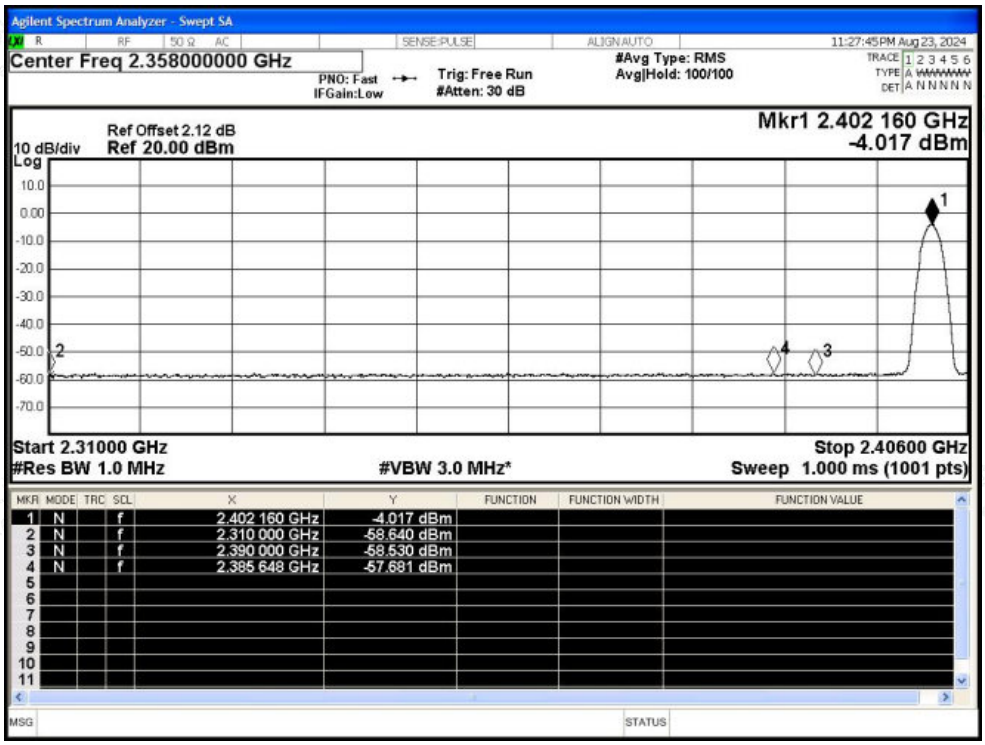
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



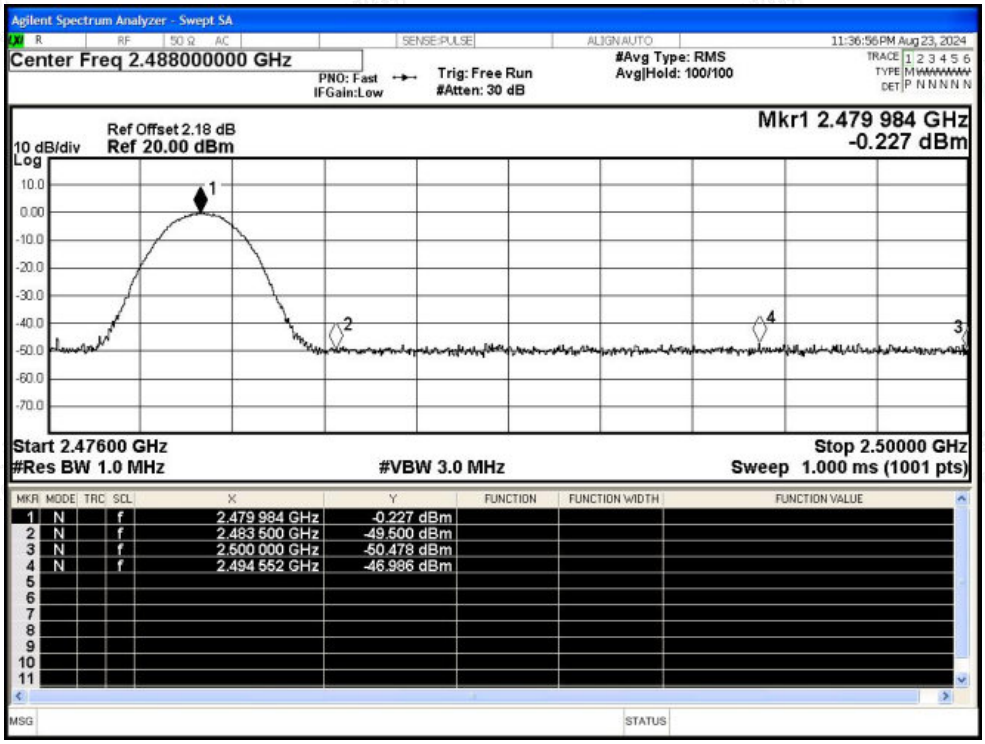
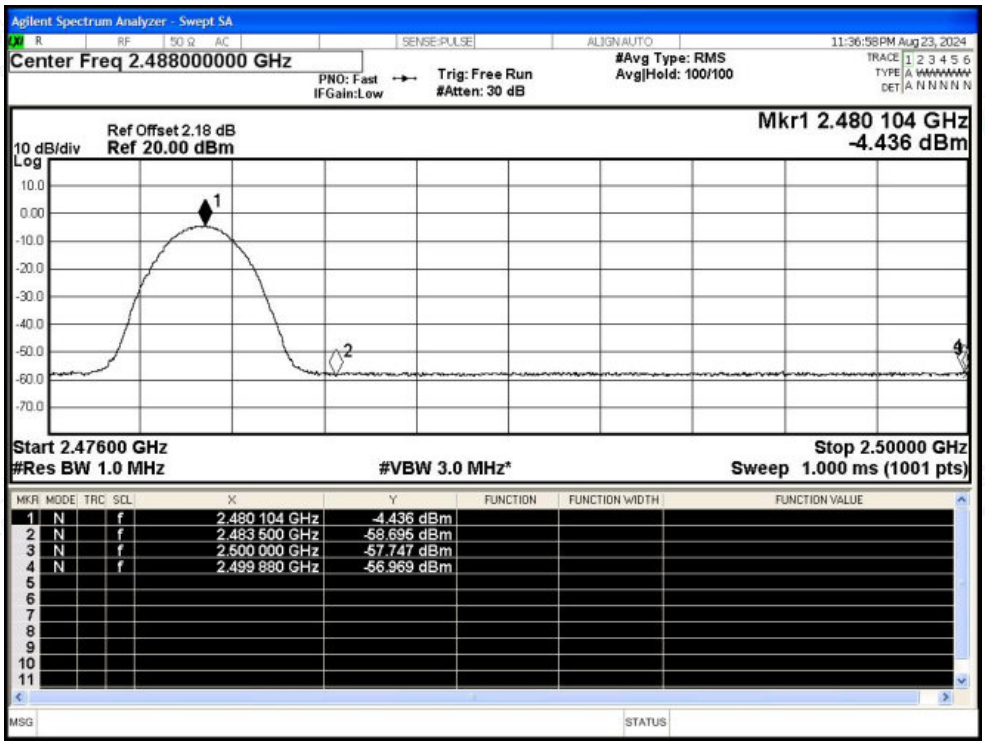
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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