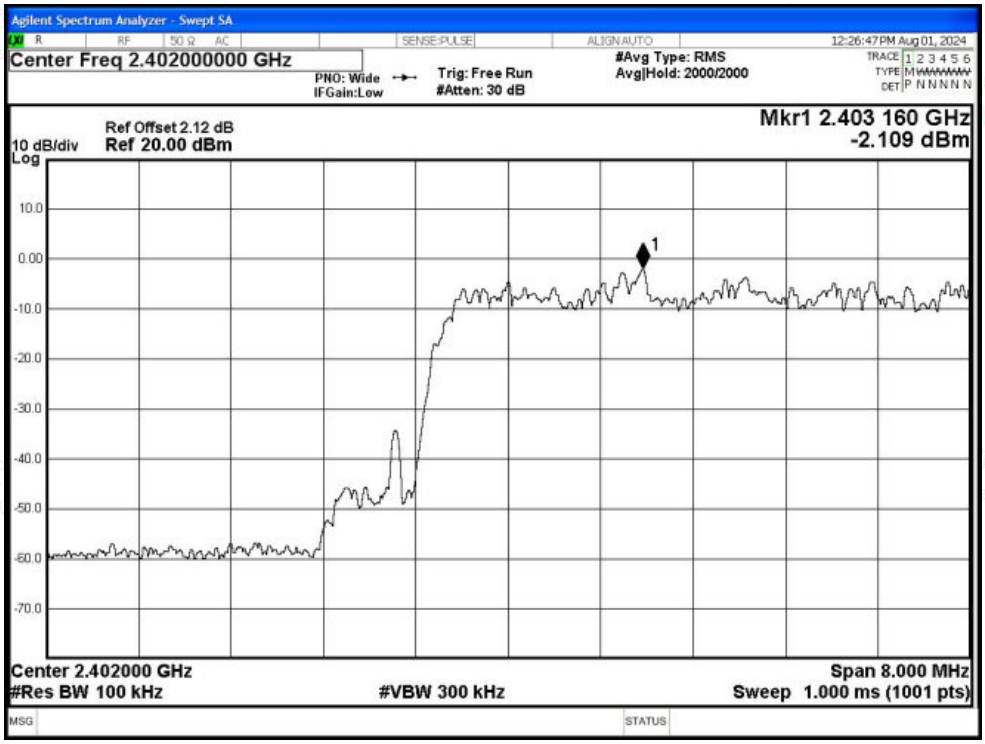
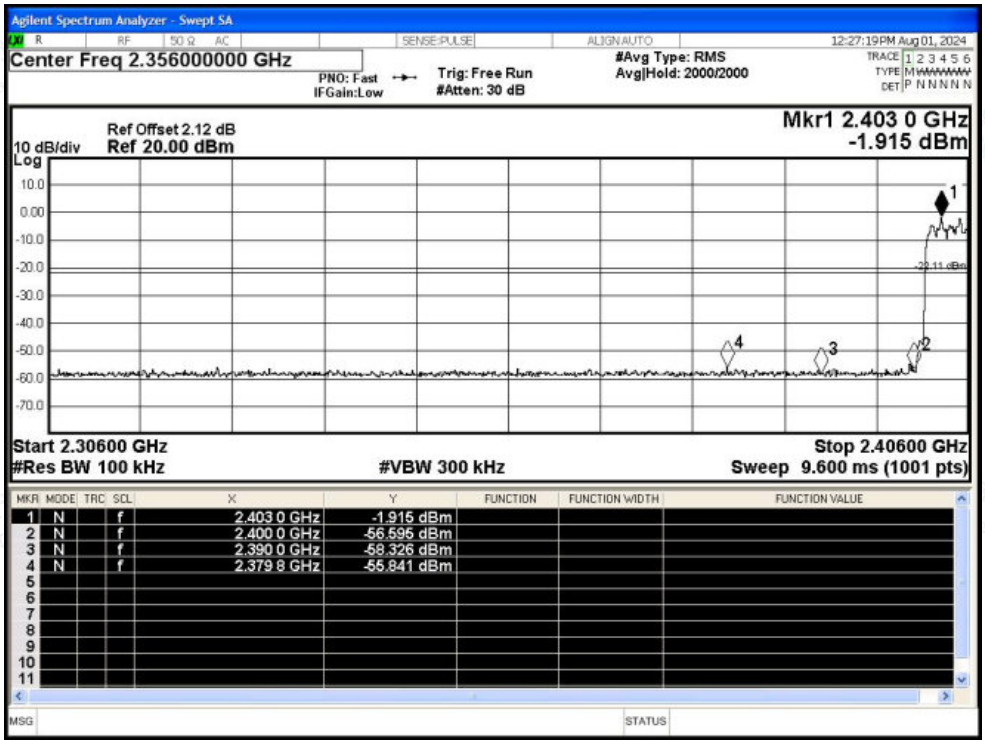
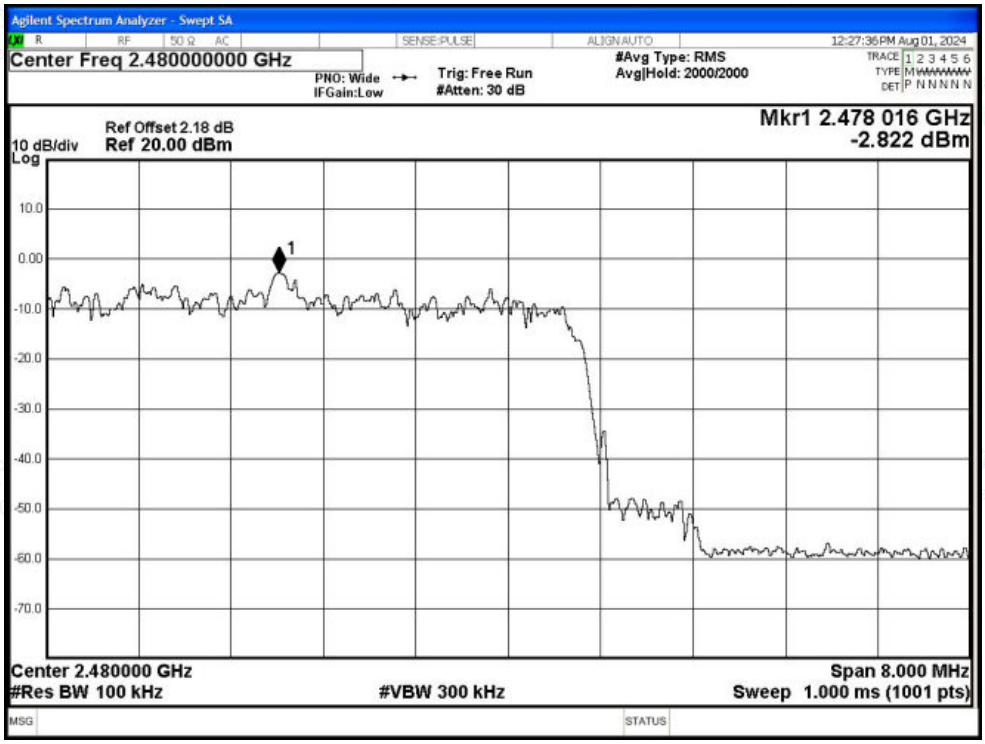
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



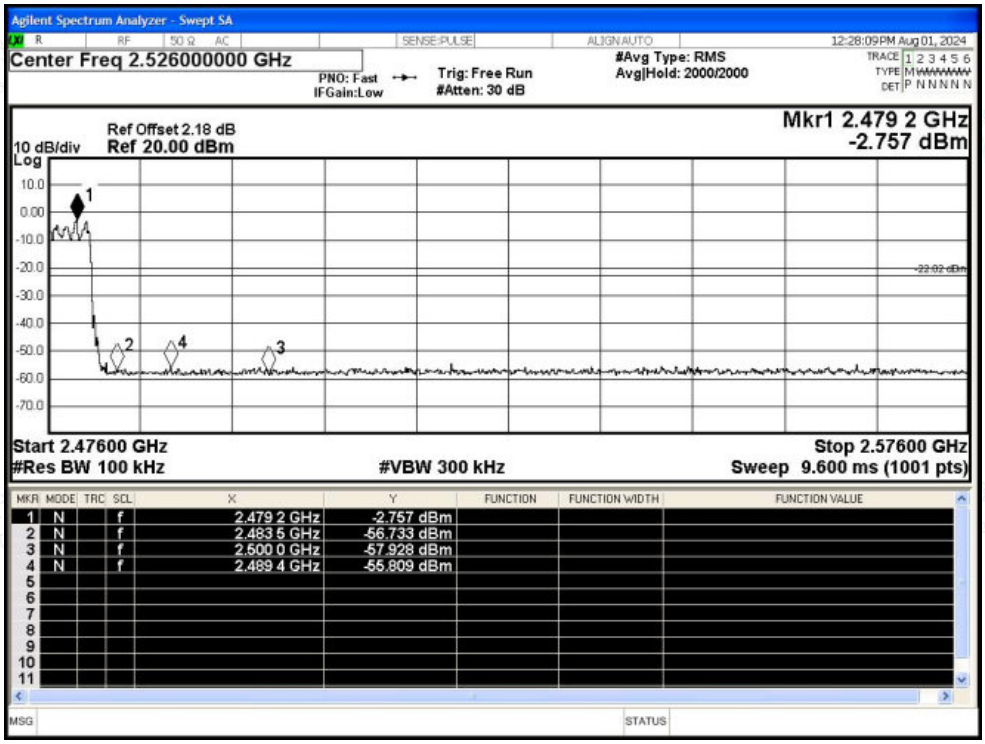
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

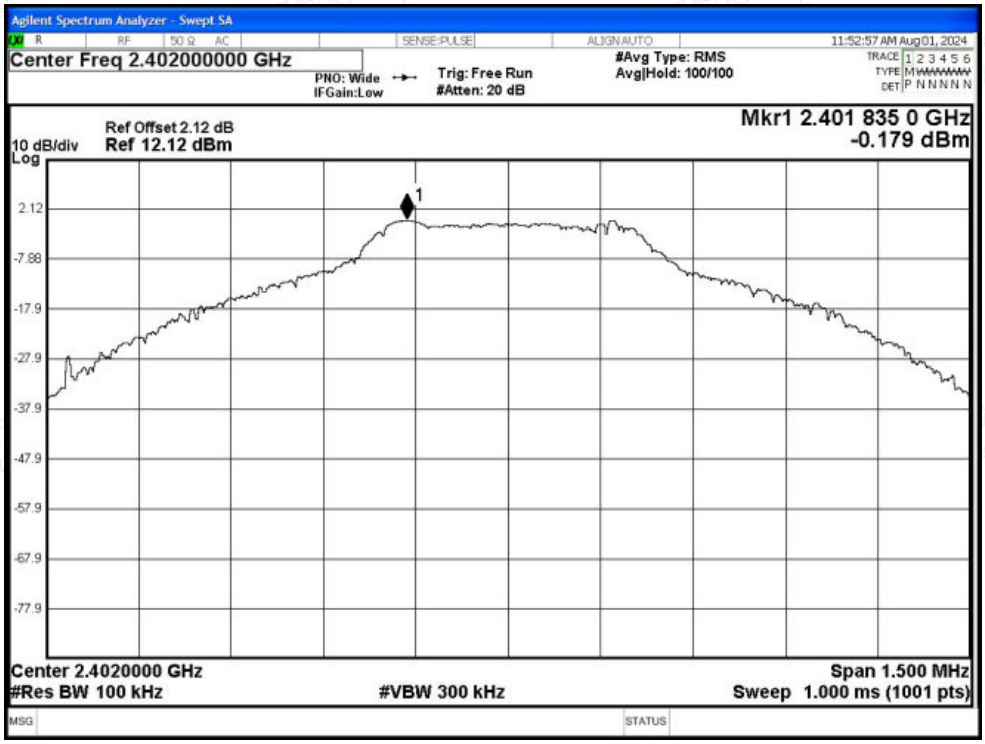


A.7 Conducted RF Spurious Emission

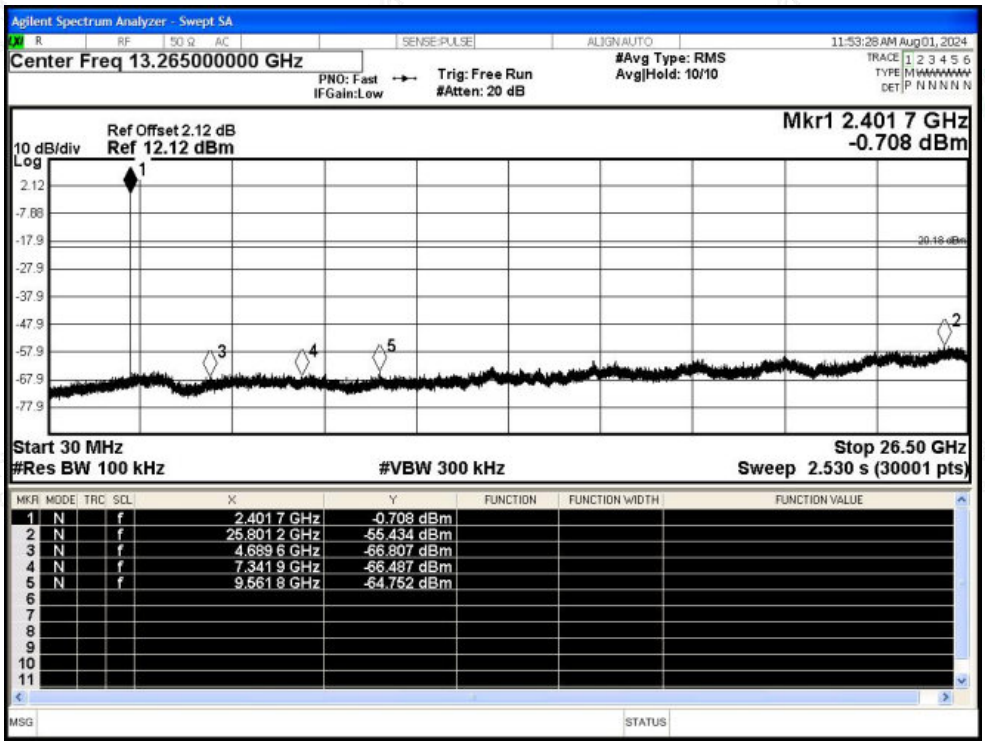
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.26	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.43	-20	Pass
NVNT	1-DH5	2480	Ant1	-53.81	-20	Pass
NVNT	2-DH5	2402	Ant1	-53.8	-20	Pass
NVNT	2-DH5	2441	Ant1	-53.94	-20	Pass
NVNT	2-DH5	2480	Ant1	-52.28	-20	Pass
NVNT	3-DH5	2402	Ant1	-53.24	-20	Pass
NVNT	3-DH5	2441	Ant1	-52.01	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.29	-20	Pass

Test Graphs

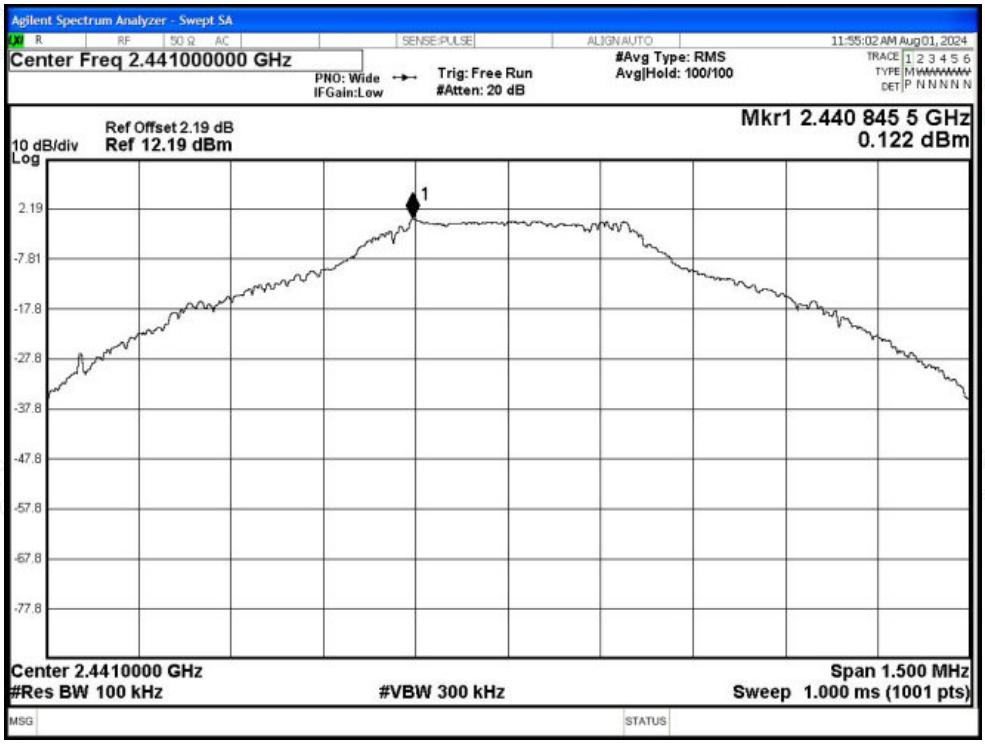
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



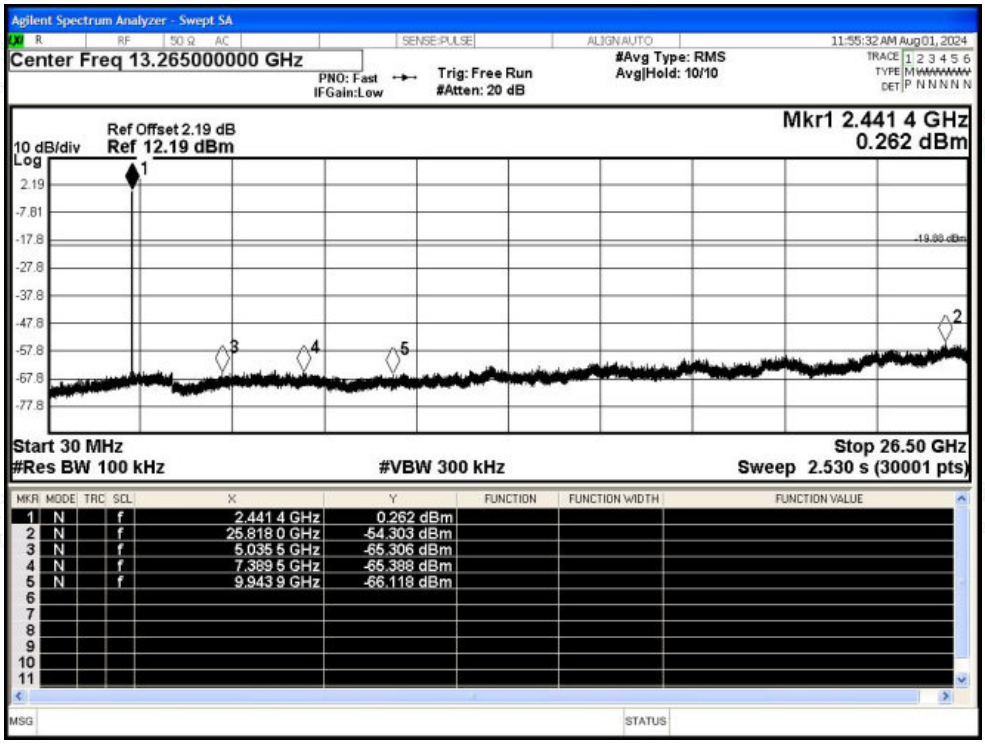
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



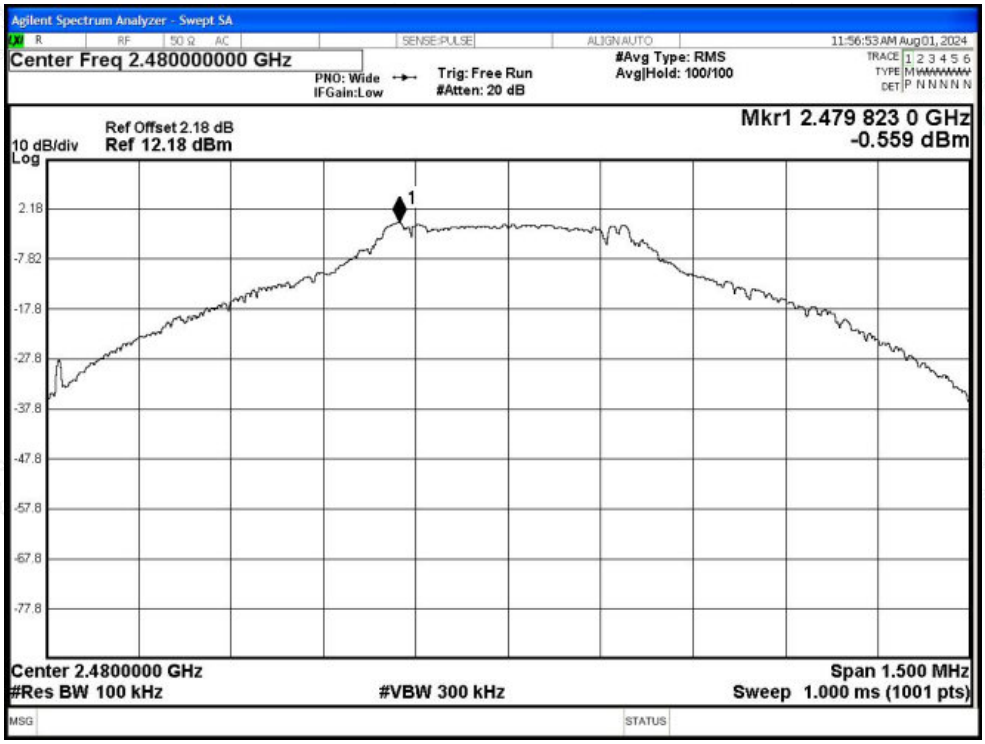
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



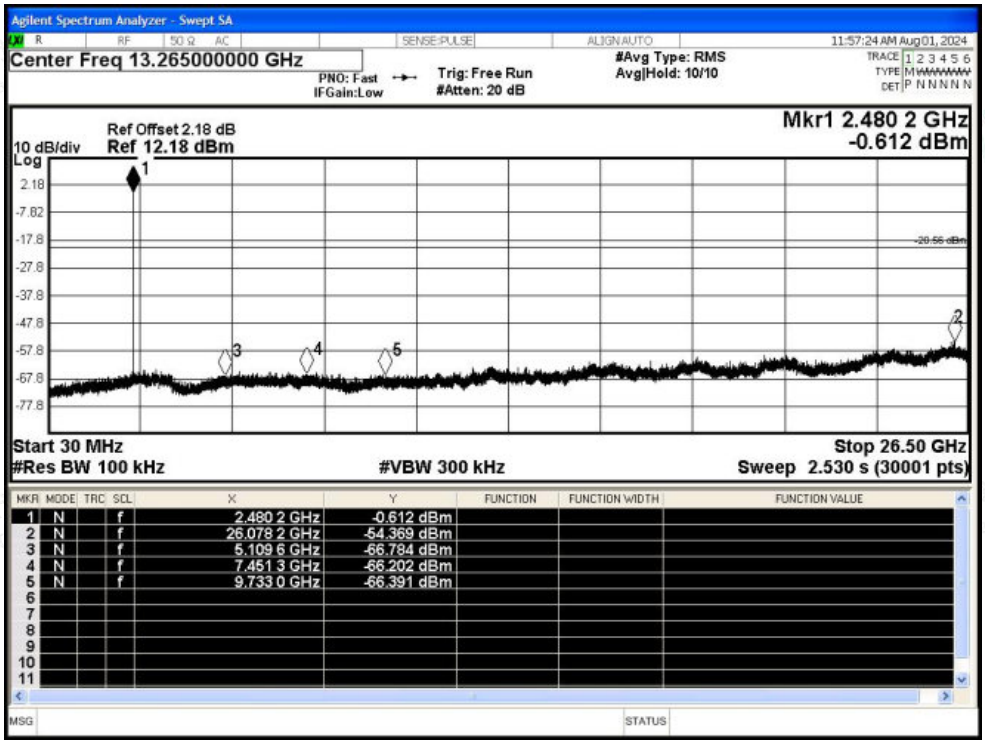
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



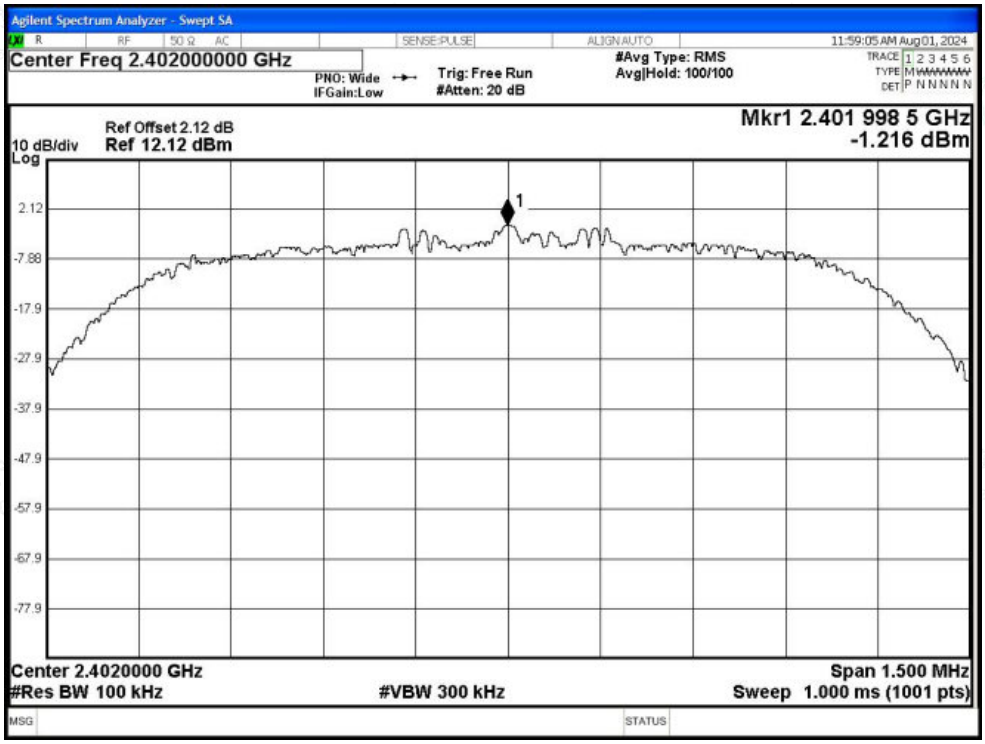
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



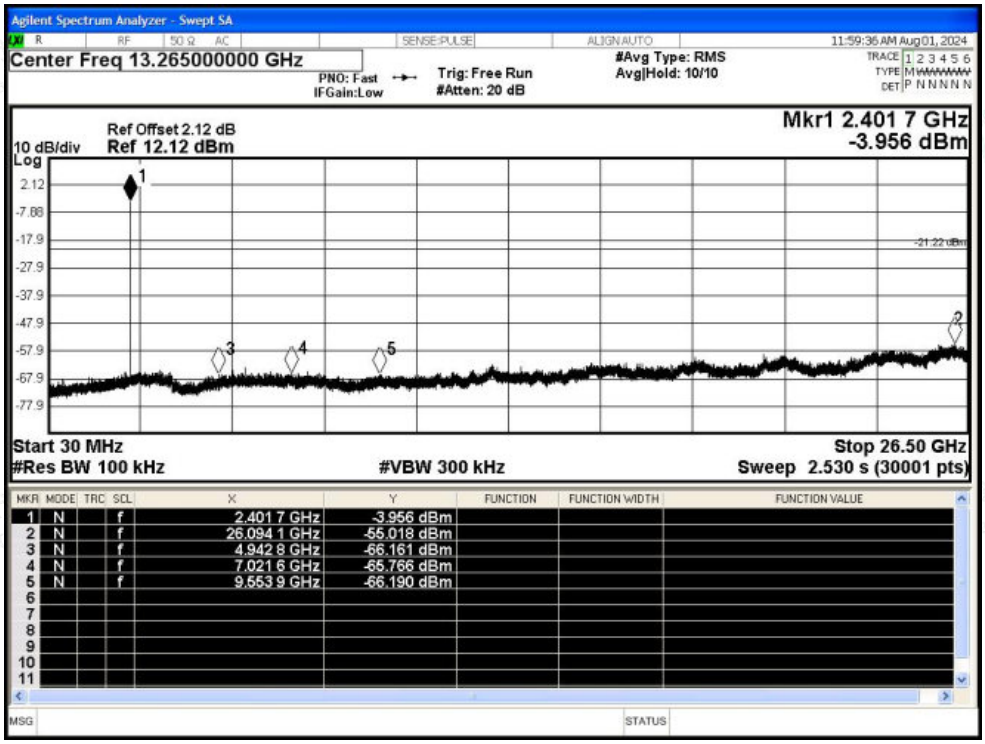
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



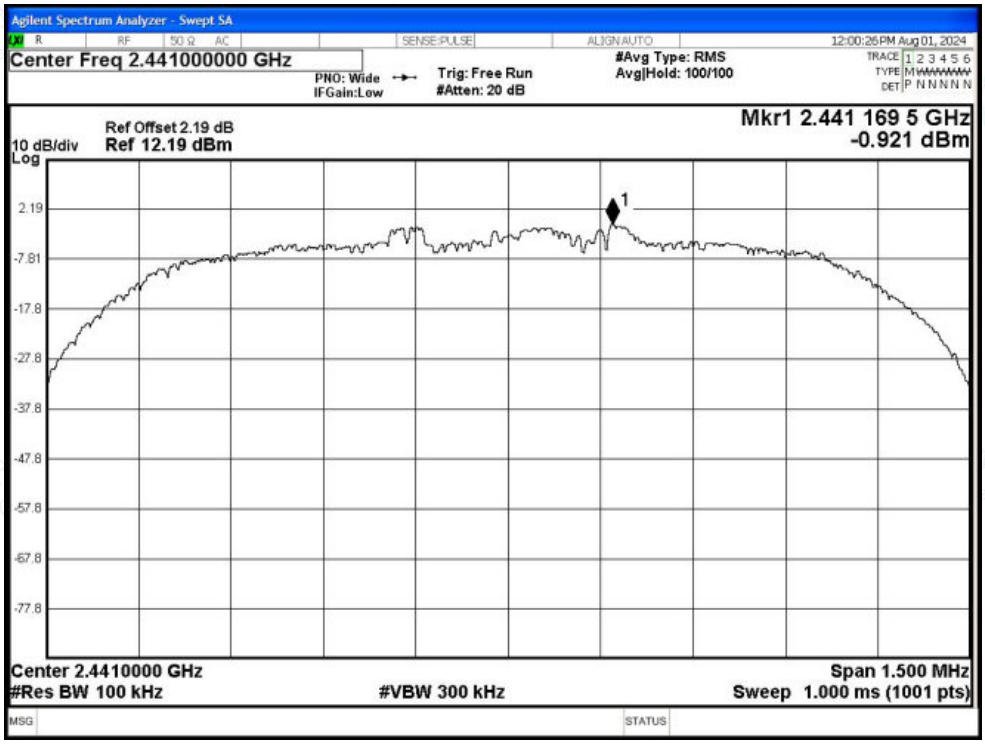
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



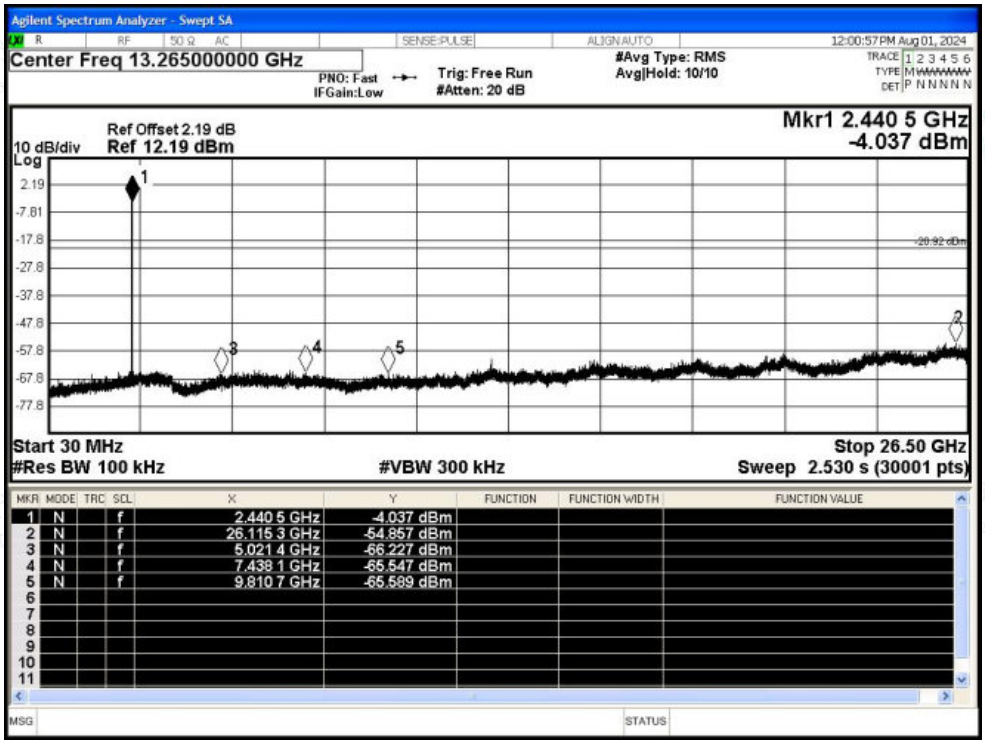
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



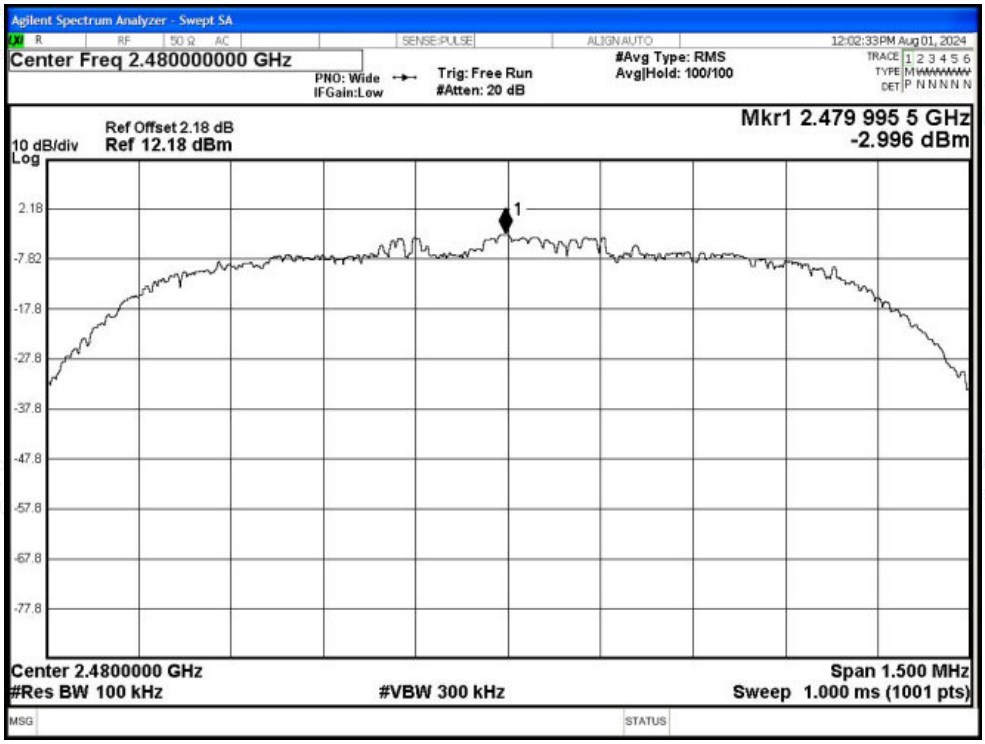
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



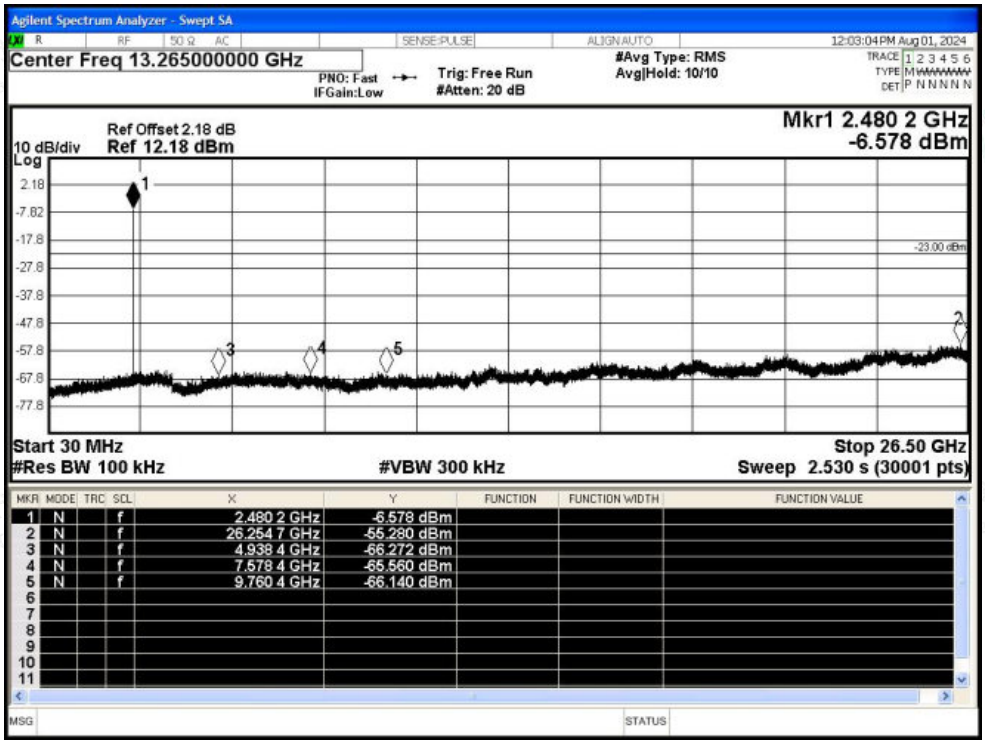
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



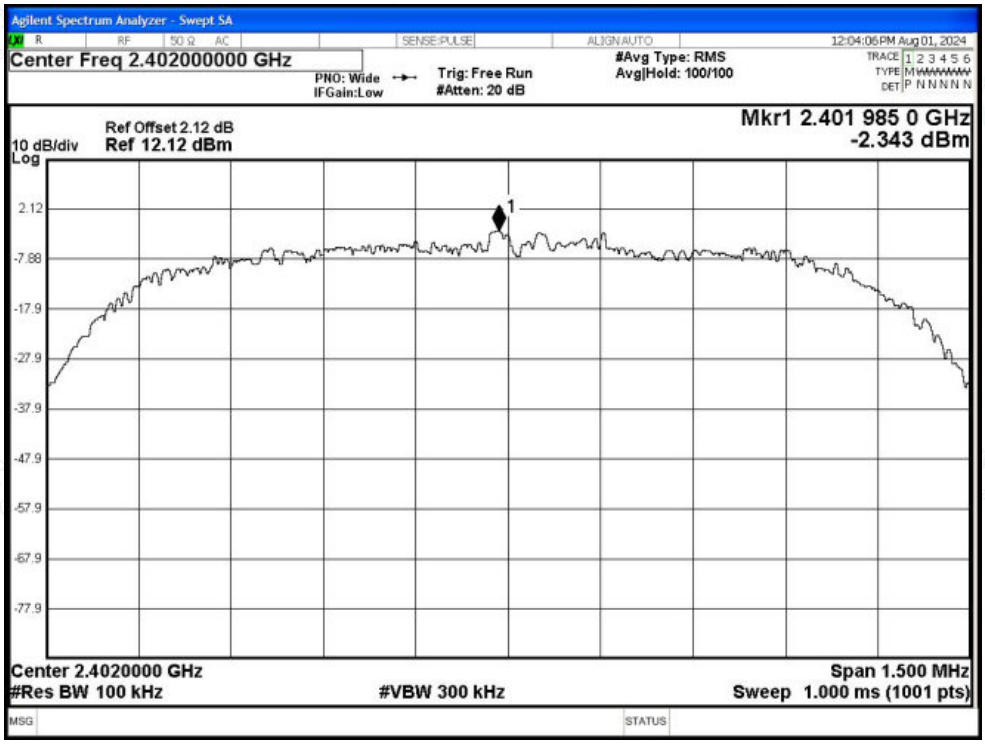
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



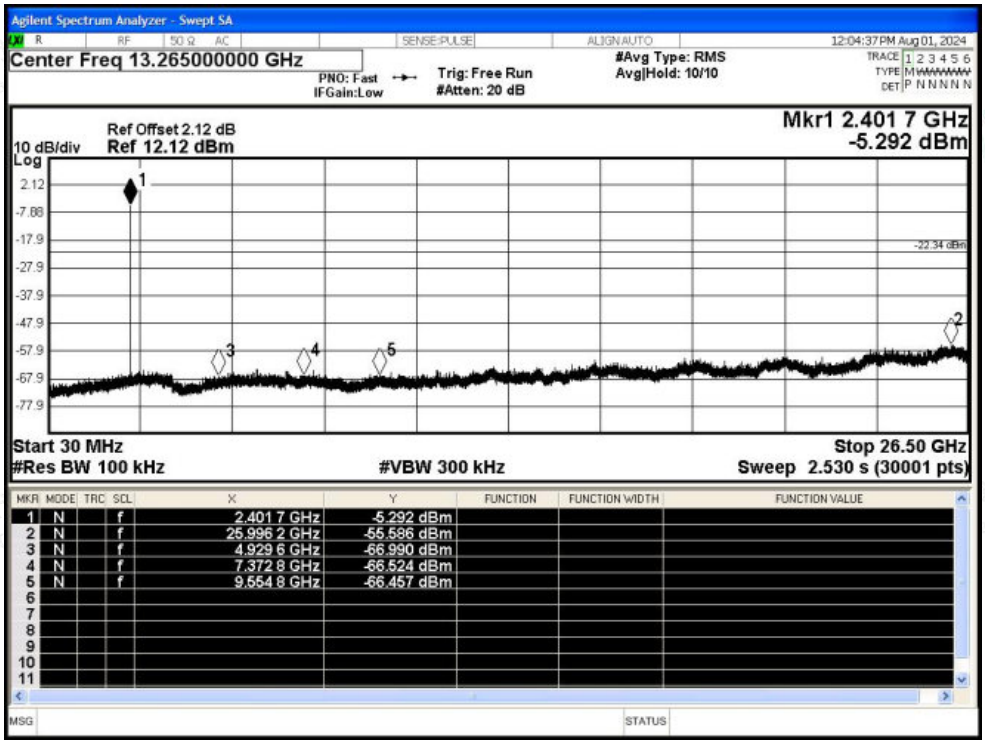
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



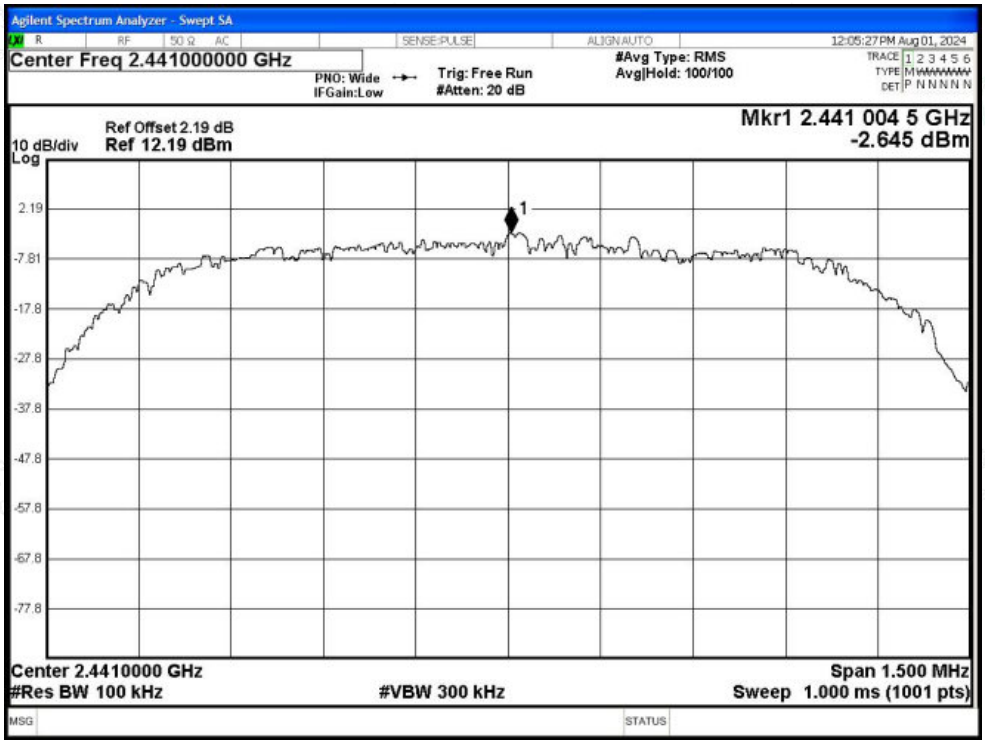
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



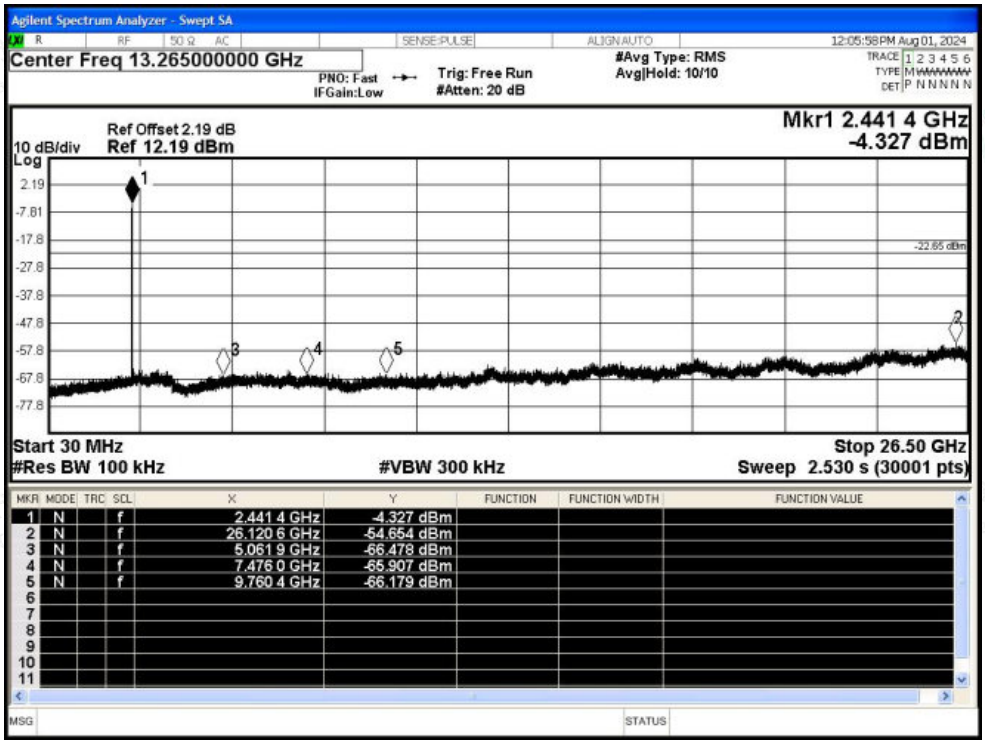
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



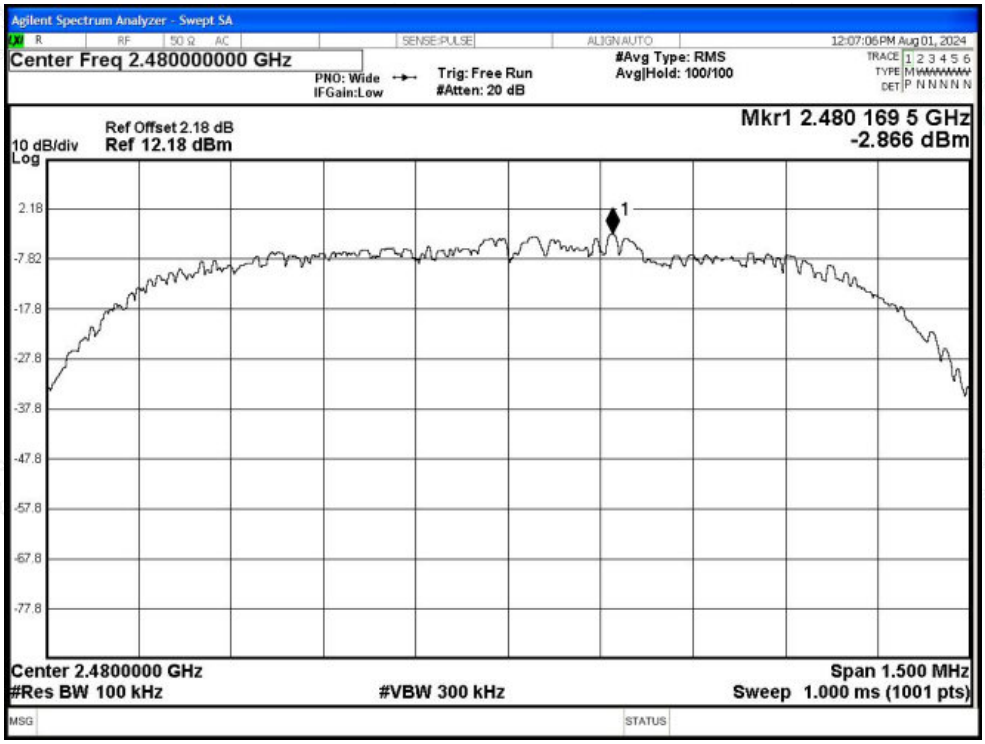
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



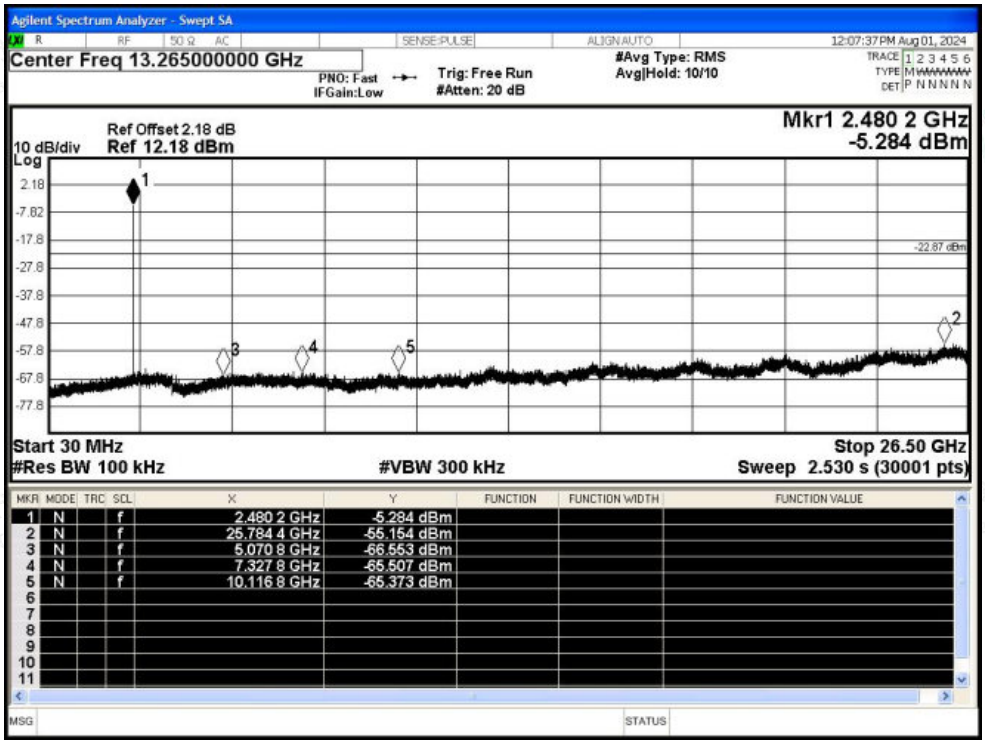
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

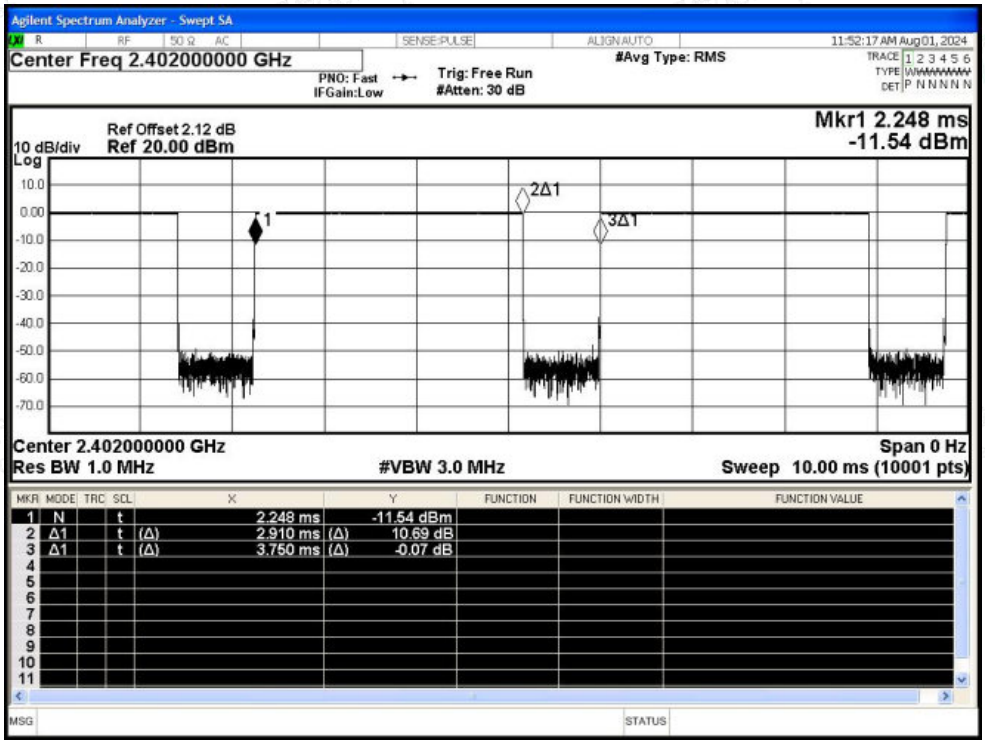


A.8 Duty Cycle

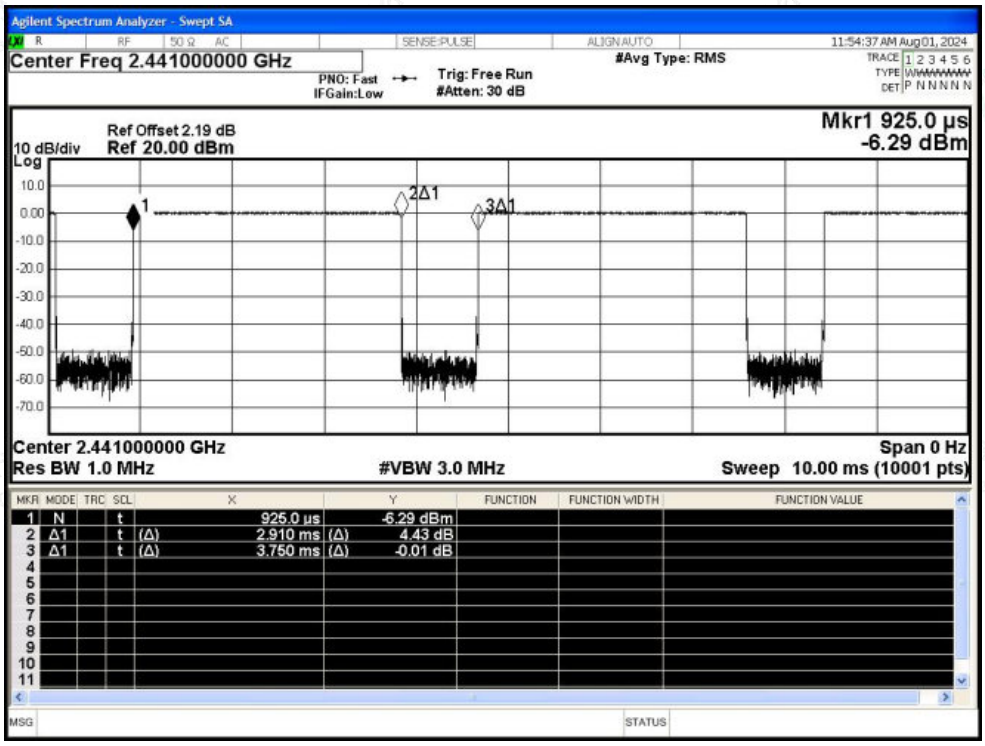
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	76.43	1.17	0.36
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2402	Ant1	77.33	1.12	0.34
NVNT	3-DH5	2441	Ant1	76.37	1.17	0.36
NVNT	3-DH5	2480	Ant1	76.37	1.17	0.36

Test Graphs

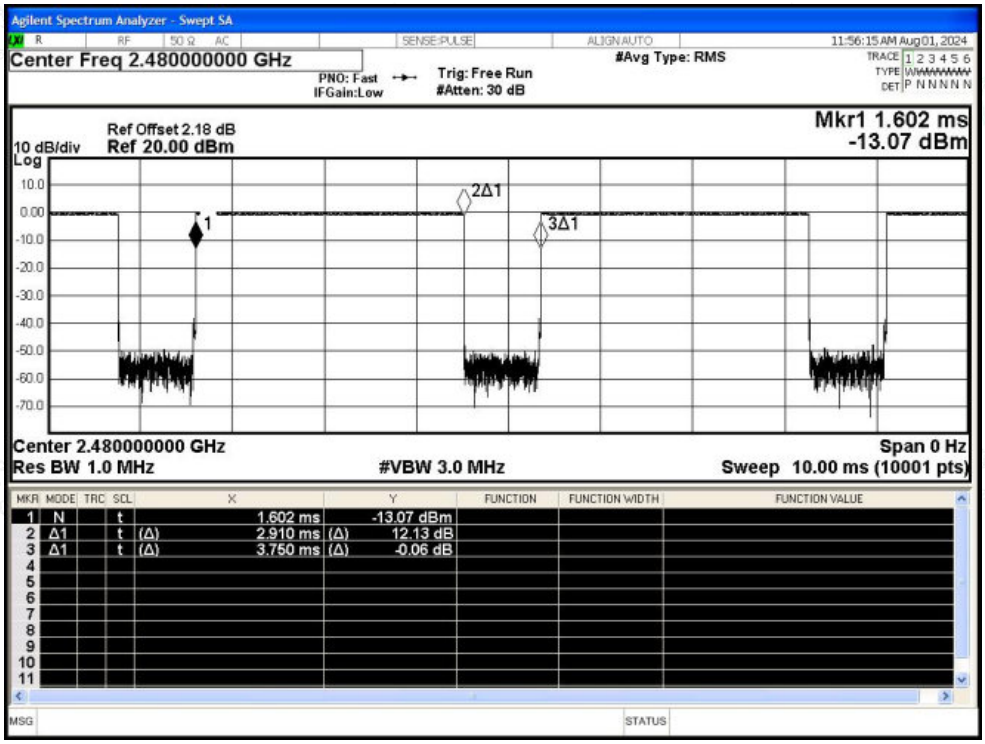
Duty Cycle NVNT 1-DH5 2402MHz Ant1



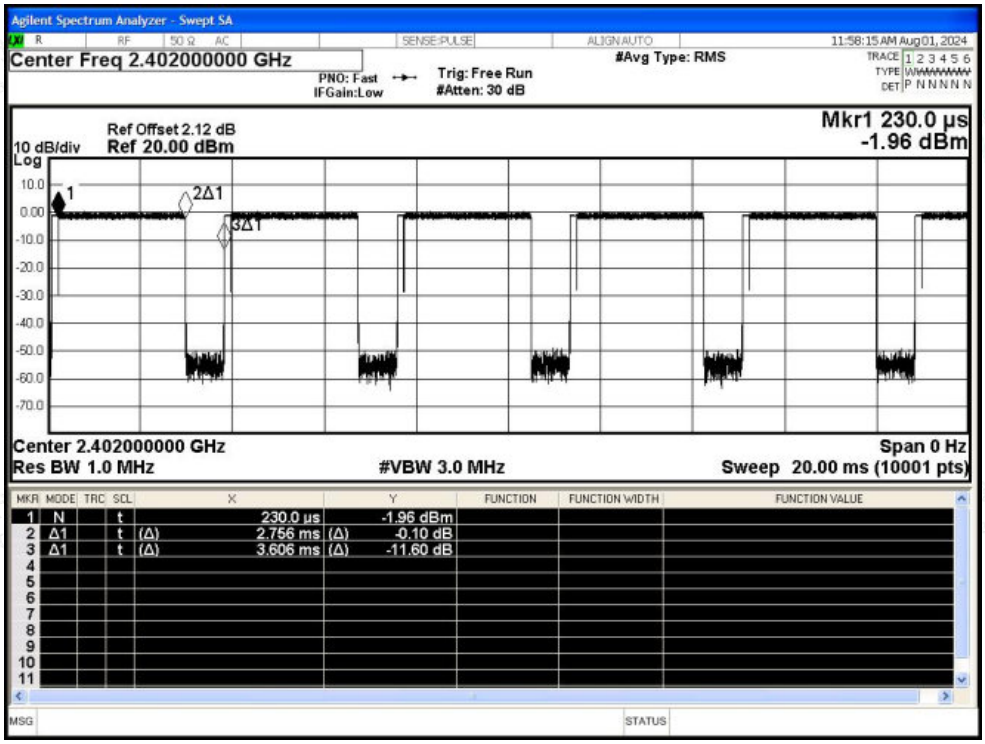
Duty Cycle NVNT 1-DH5 2441MHz Ant1



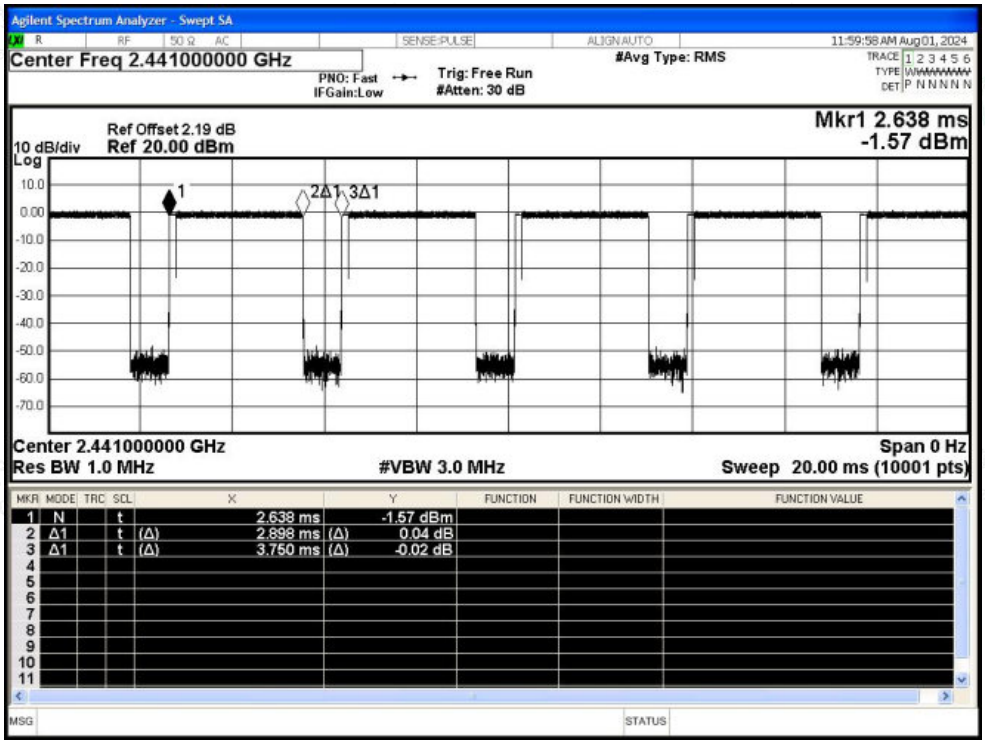
Duty Cycle NVNT 1-DH5 2480MHz Ant1



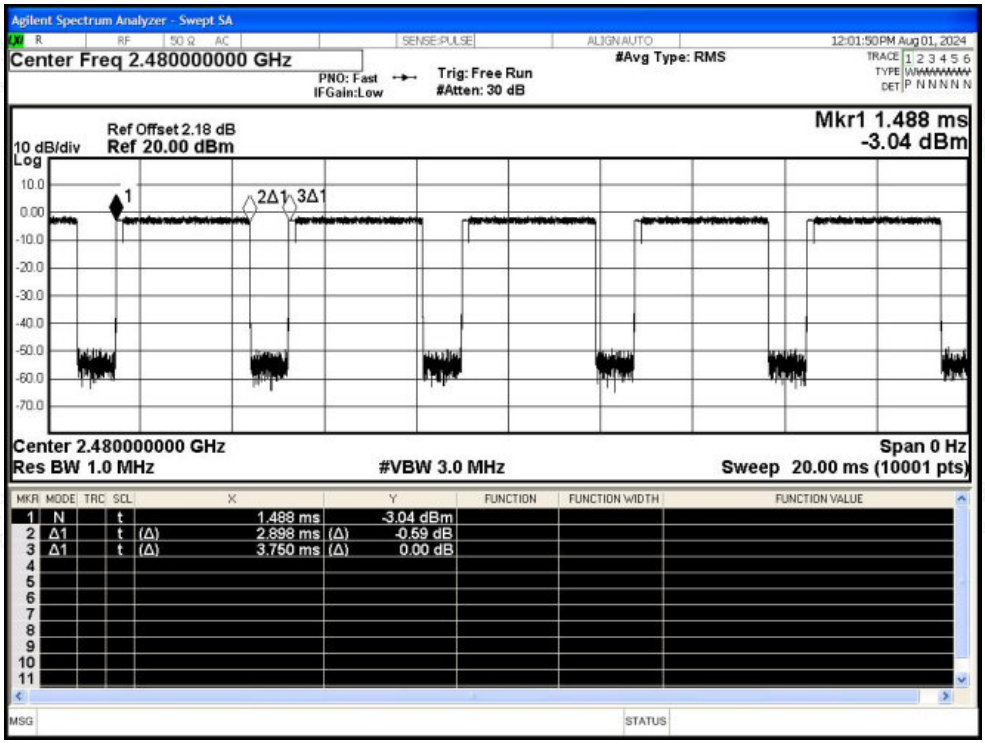
Duty Cycle NVNT 2-DH5 2402MHz Ant1



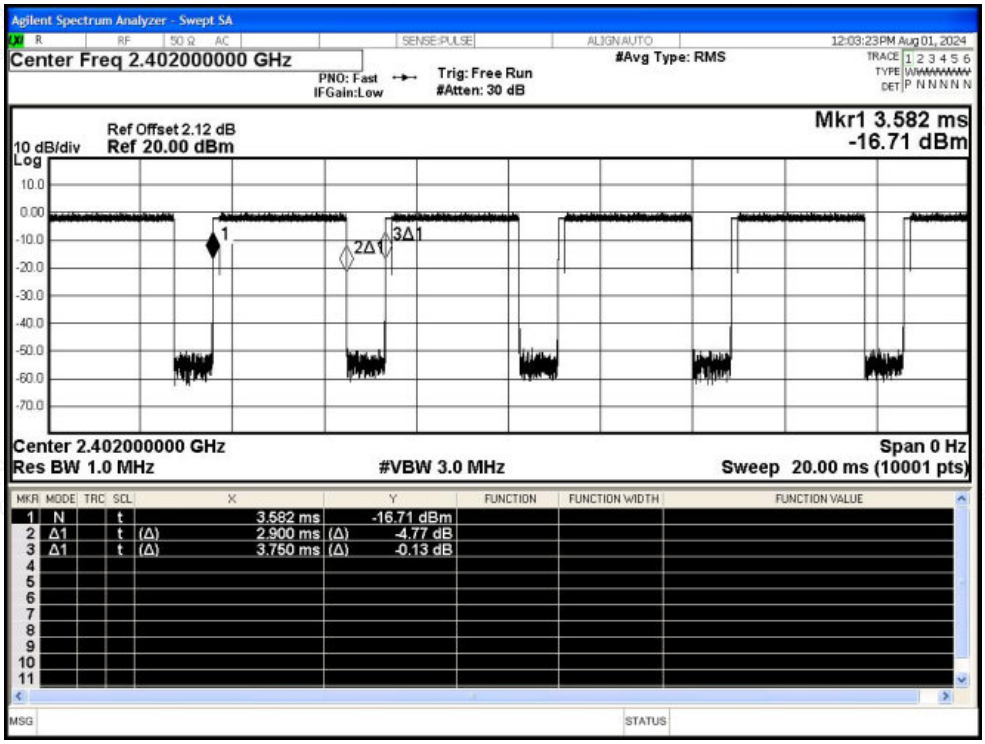
Duty Cycle NVNT 2-DH5 2441MHz Ant1



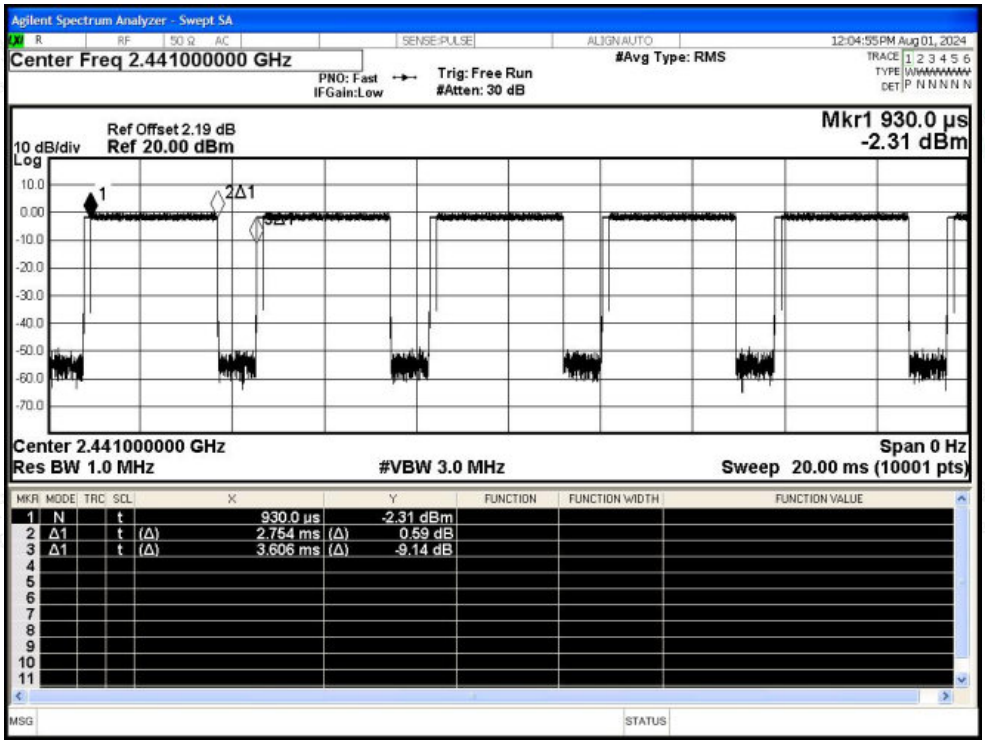
Duty Cycle NVNT 2-DH5 2480MHz Ant1



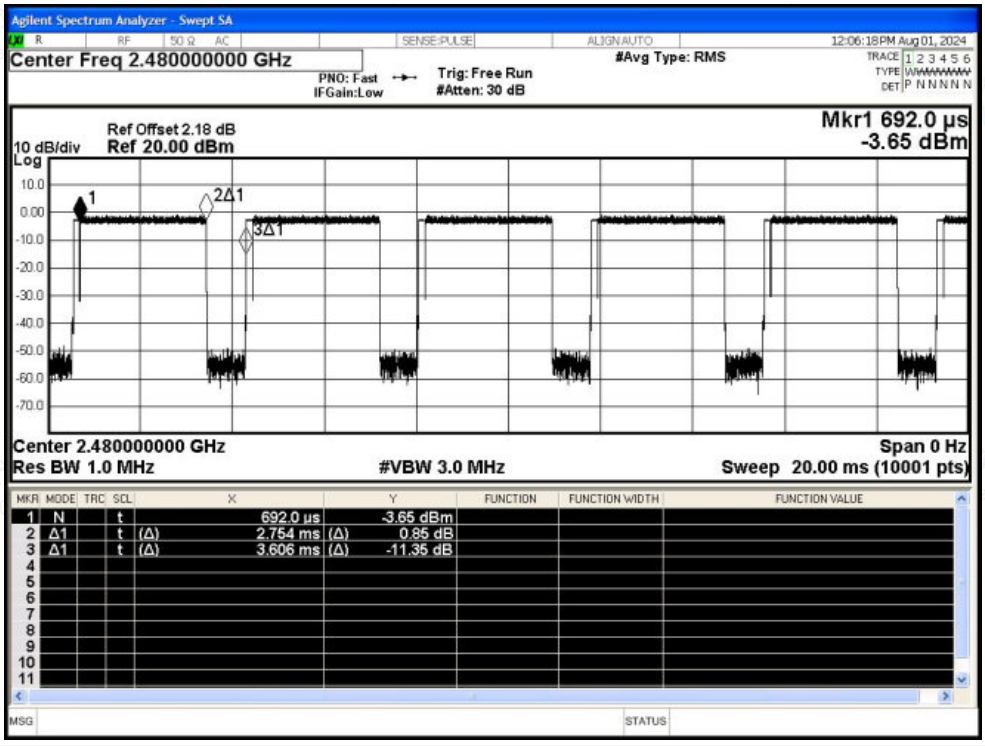
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

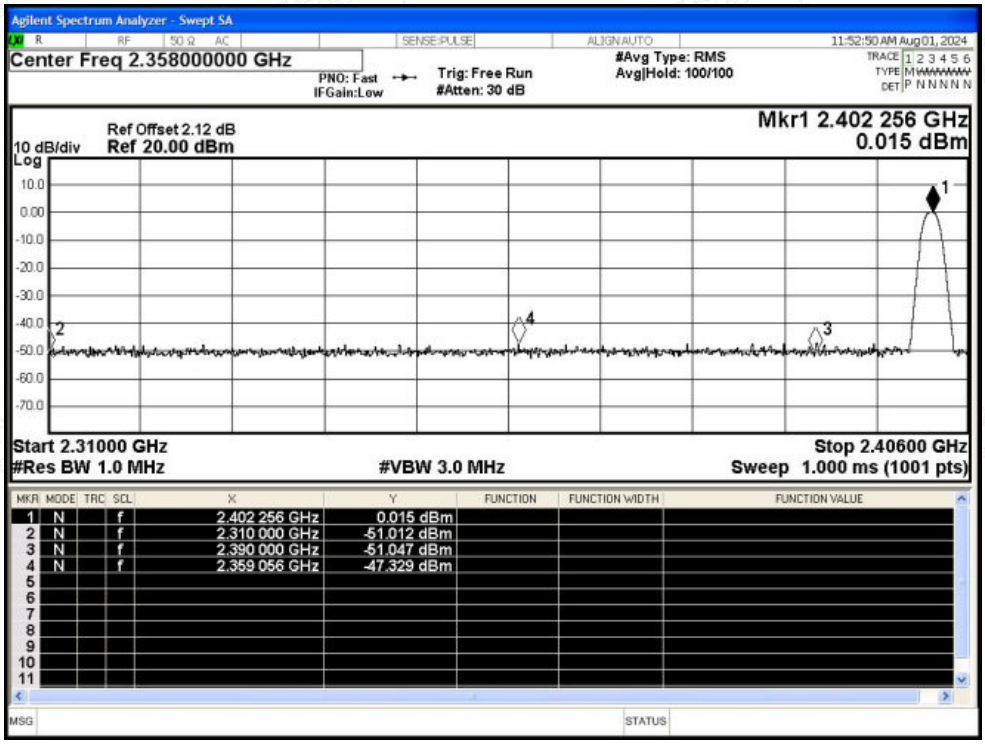


A.9 Restrict Band

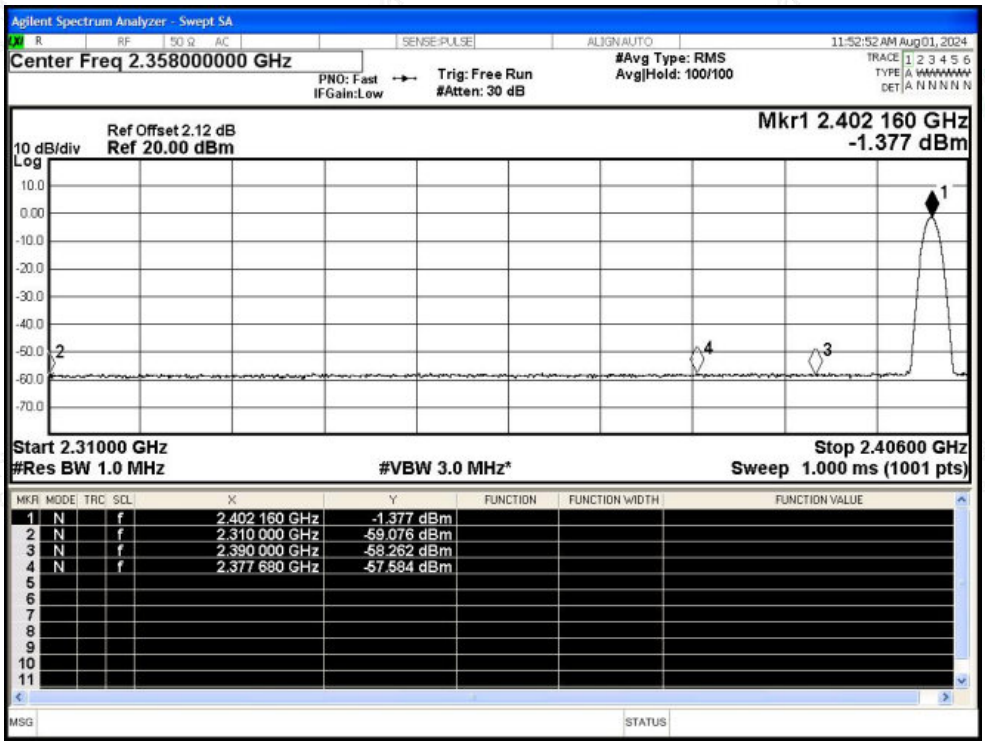
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.01	2	-	46.25	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-59.08	2	1.1	39.28	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2359.056	-47.33	2	-	49.93	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2377.68	-57.58	2	1.1	40.78	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-51.05	2	-	46.21	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.26	2	1.1	40.1	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.9	2	-	47.36	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-58.11	2	1.1	40.25	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2485.384	-43.98	2	-	53.28	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.28	-57	2	1.1	41.36	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.63	2	-	47.63	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.79	2	1.1	40.57	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.04	2	-	47.22	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.9	2	1.17	39.53	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2354.928	-47.38	2	-	49.88	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2337.072	-57.69	2	1.17	40.74	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.89	2	-	46.37	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.14	2	1.17	40.29	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.87	2	-	48.39	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.64	2	1.12	40.74	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2486.488	-45.41	2	-	51.85	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2486.824	-57.19	2	1.12	41.19	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.62	2	-	46.64	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-58.03	2	1.12	40.35	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-52.7	2	-	44.56	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.49	2	1.12	39.89	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2342.928	-46.91	2	-	50.35	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2372.016	-57.71	2	1.12	40.67	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-50.63	2	-	46.63	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.68	2	1.12	39.7	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.53	2	-	47.73	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.69	2	1.17	40.74	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2485.936	-44.08	2	-	53.18	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2492.968	-57.09	2	1.17	41.34	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.14	2	-	48.12	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-58.19	2	1.17	40.24	Average	54	Pass

Test Graphs

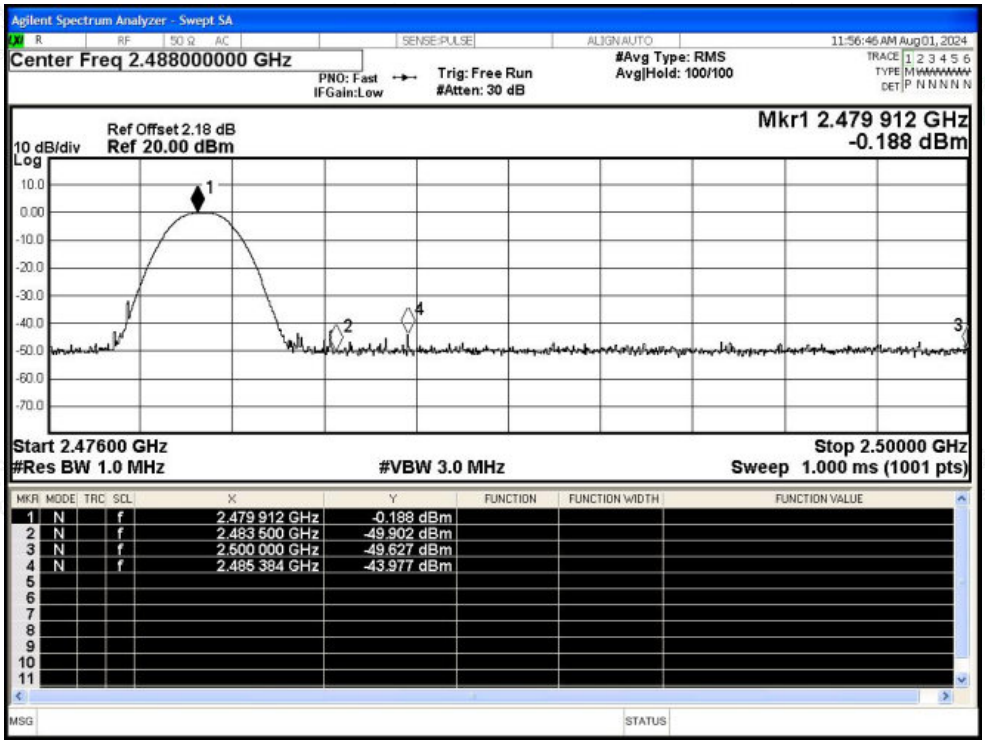
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



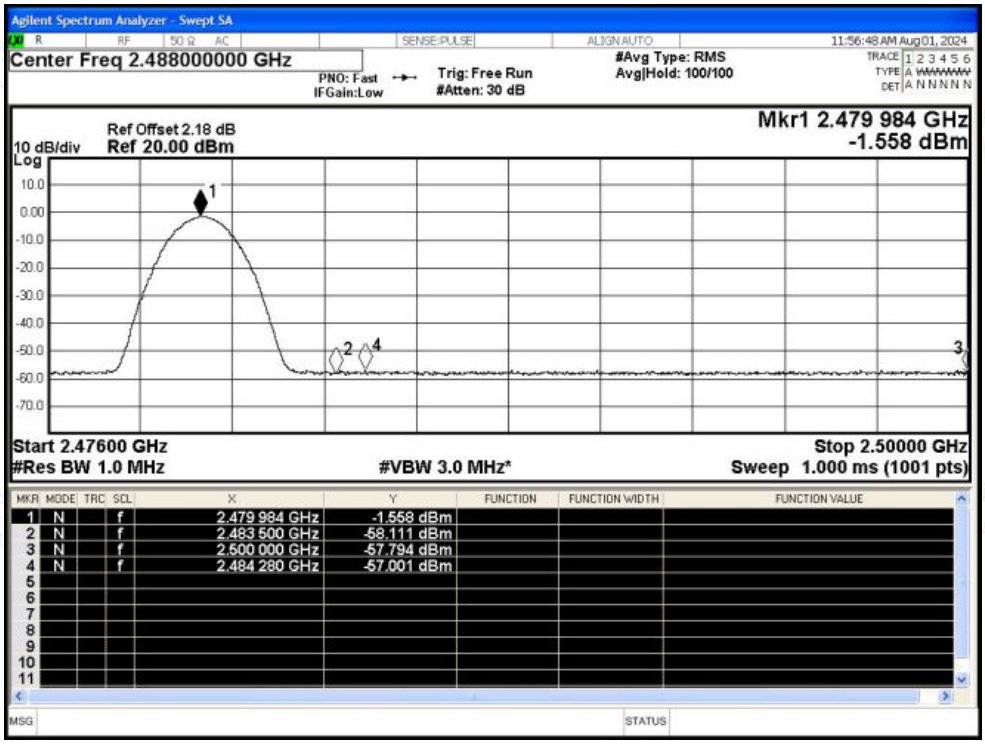
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



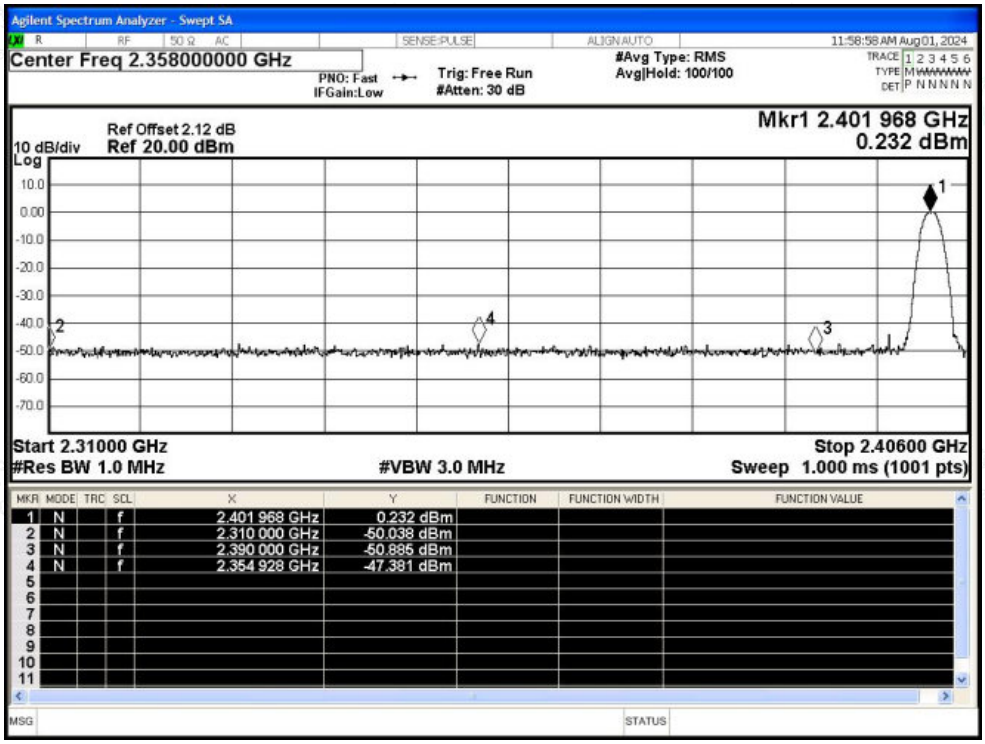
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



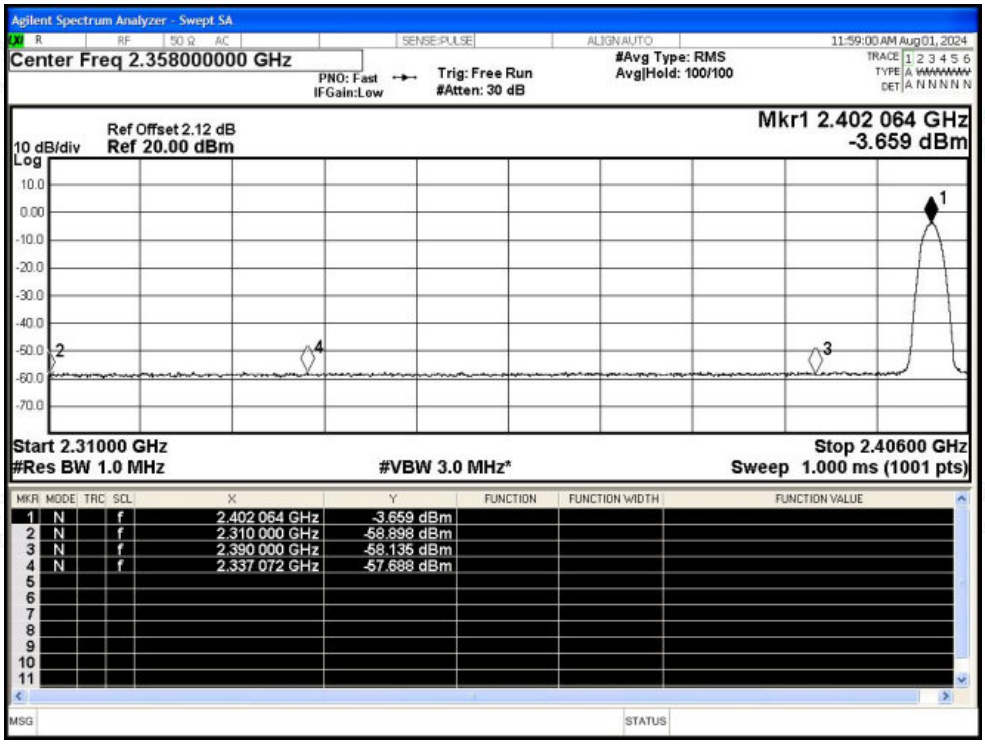
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



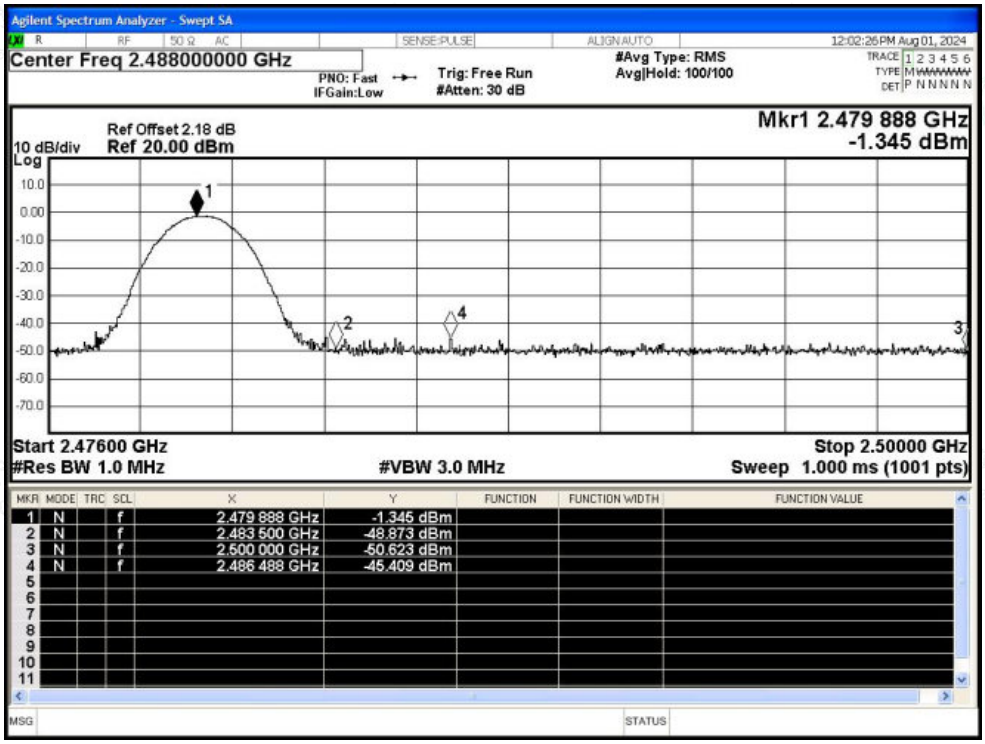
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



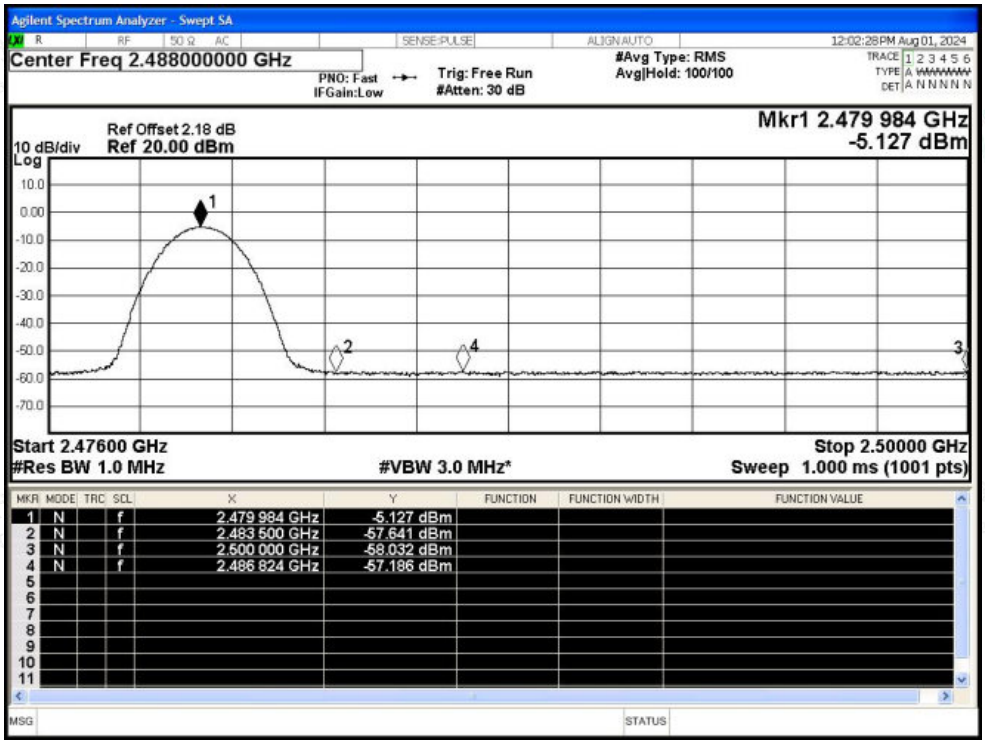
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



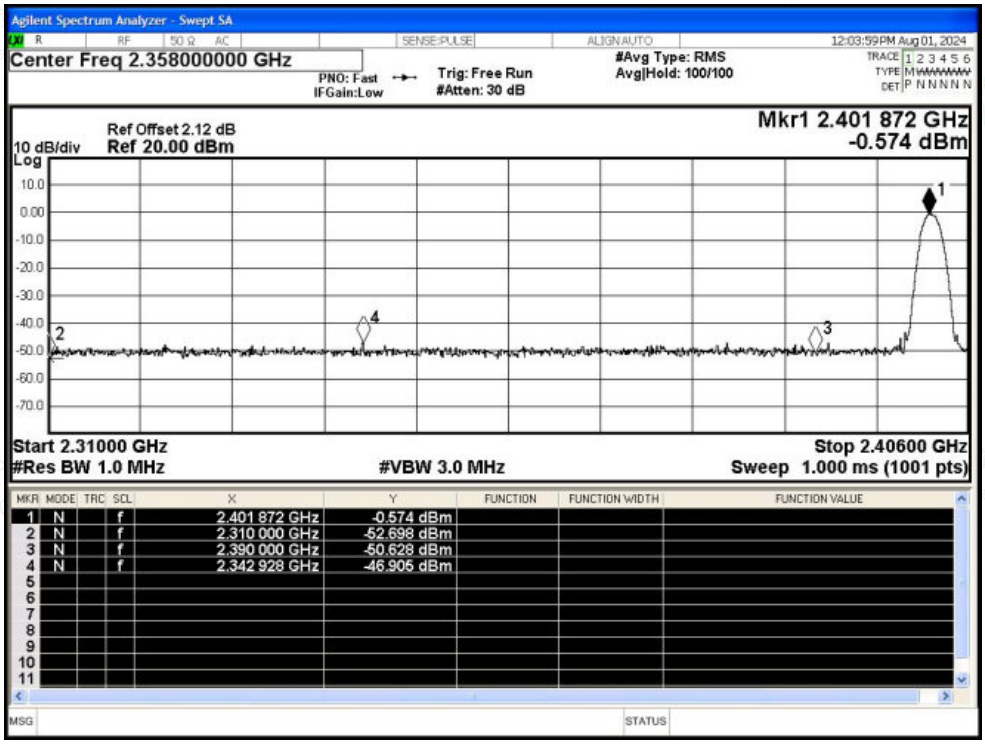
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



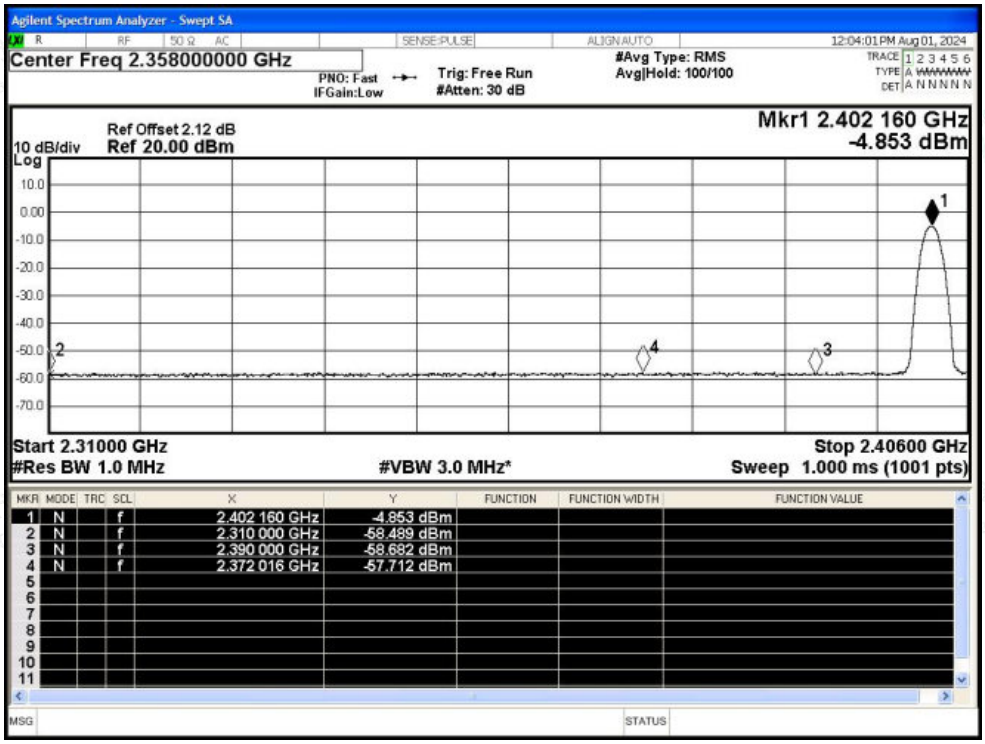
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



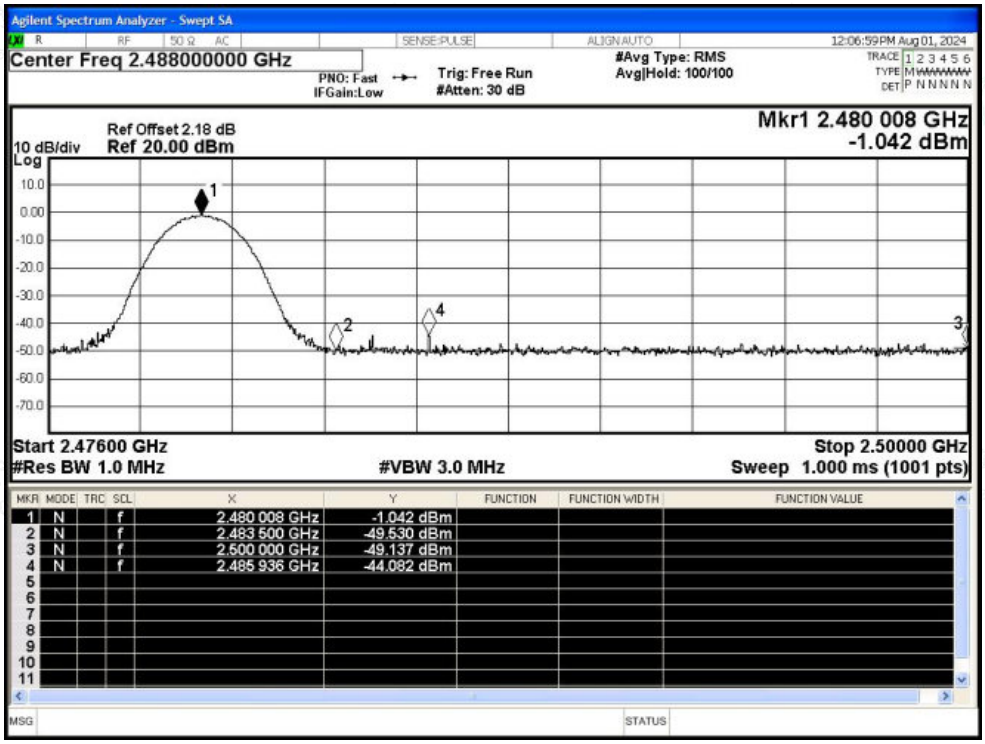
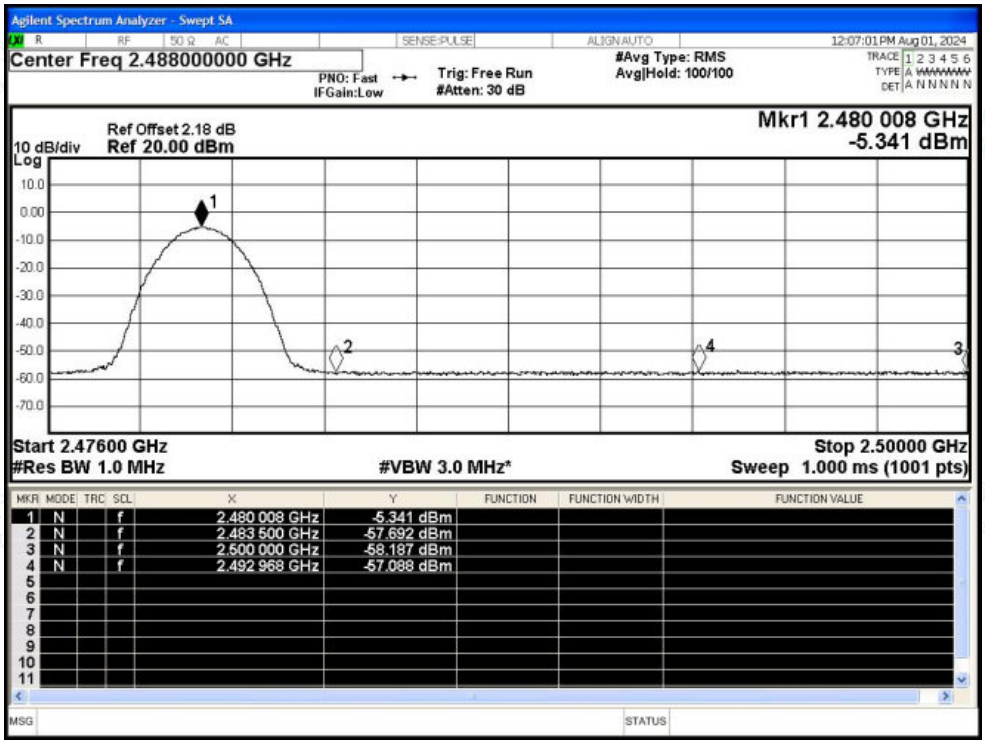
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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