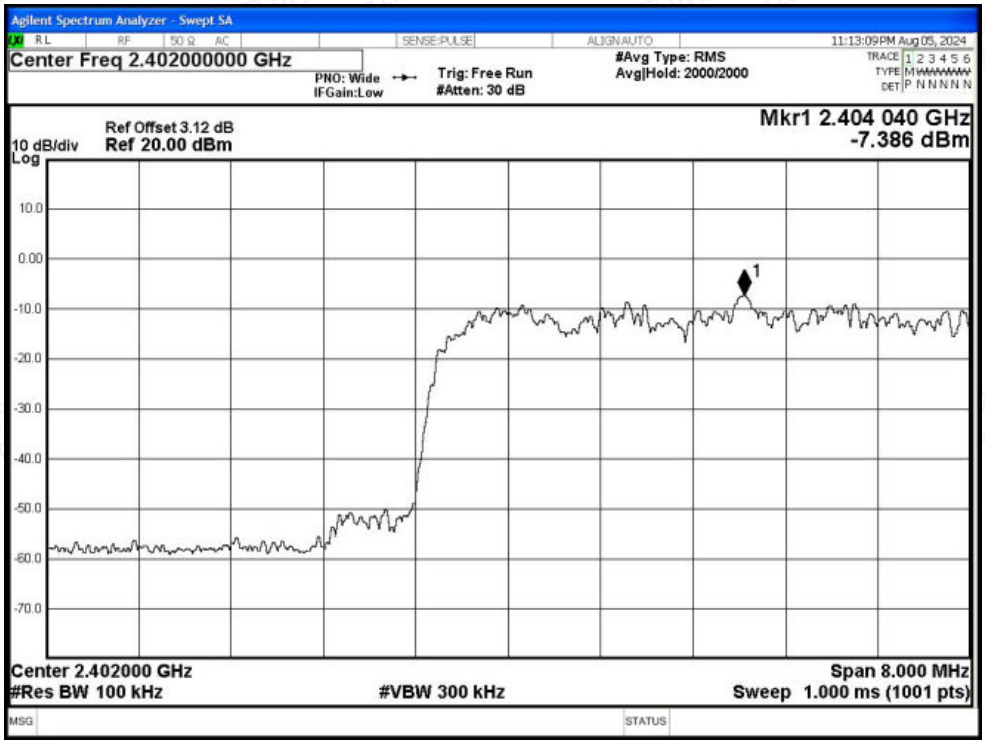
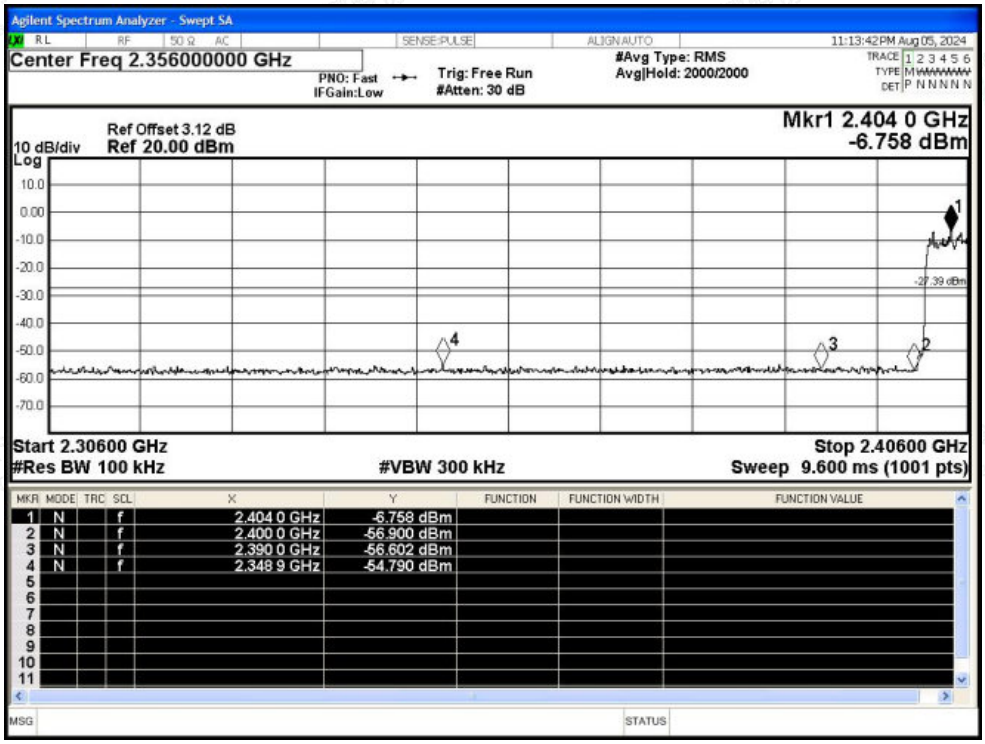
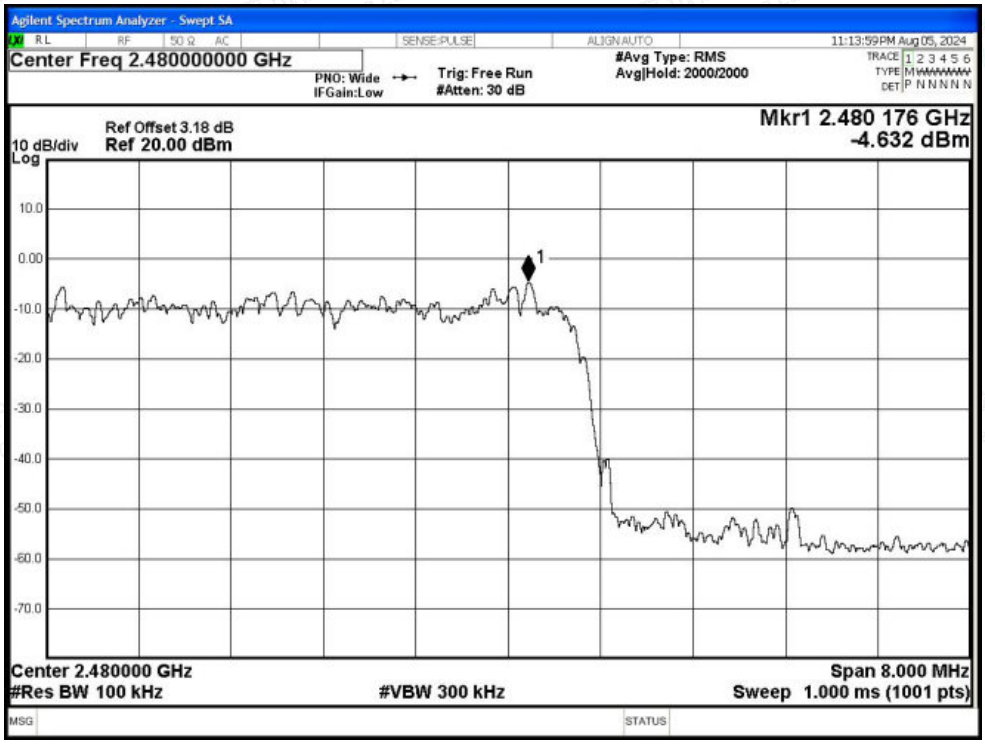
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



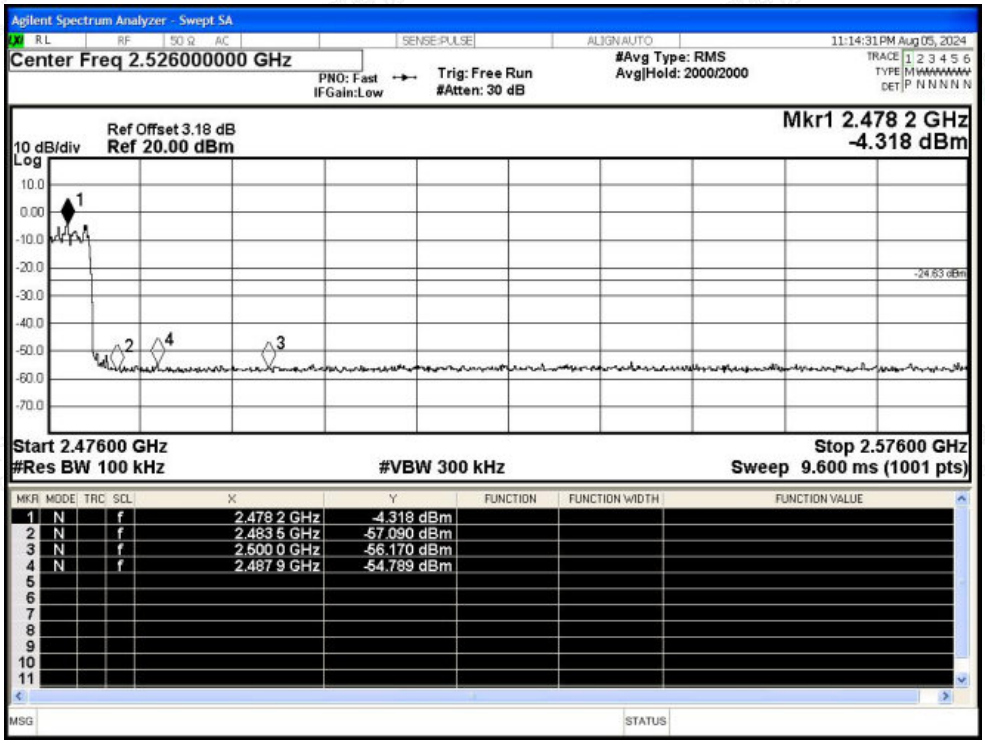
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

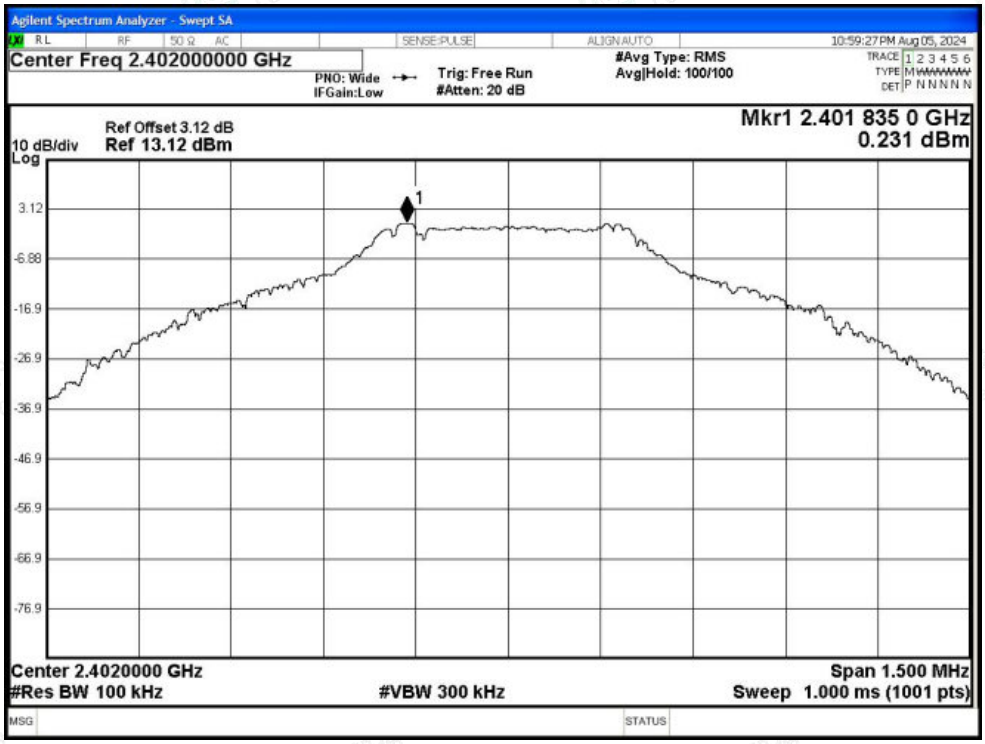


A.7 Conducted RF Spurious Emission

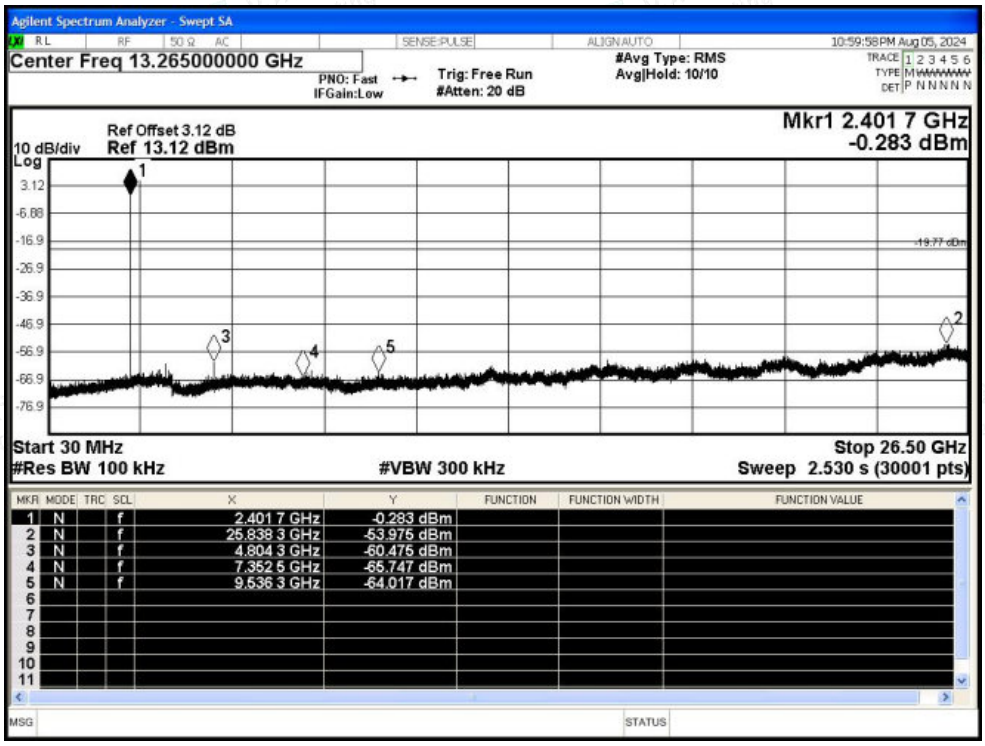
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.21	-20	Pass
NVNT	1-DH5	2441	Ant1	-42.26	-20	Pass
NVNT	1-DH5	2480	Ant1	-52.43	-20	Pass
NVNT	2-DH5	2402	Ant1	-49.69	-20	Pass
NVNT	2-DH5	2441	Ant1	-52.78	-20	Pass
NVNT	2-DH5	2480	Ant1	-53.2	-20	Pass
NVNT	3-DH5	2402	Ant1	-40.23	-20	Pass
NVNT	3-DH5	2441	Ant1	-52.57	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.89	-20	Pass

Test Graphs

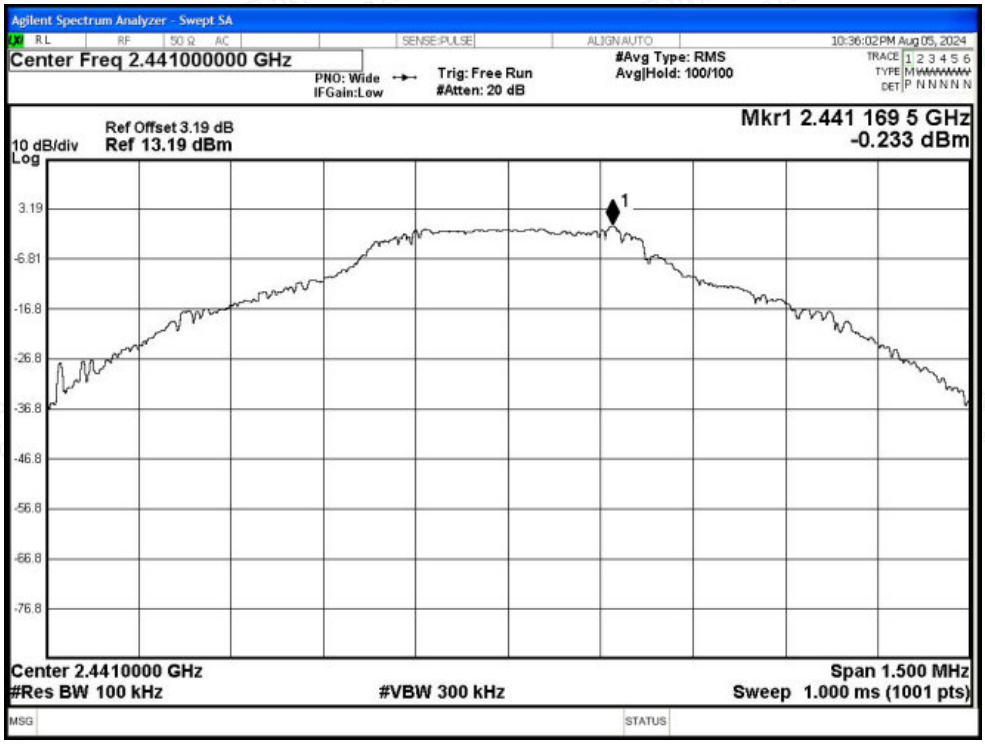
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



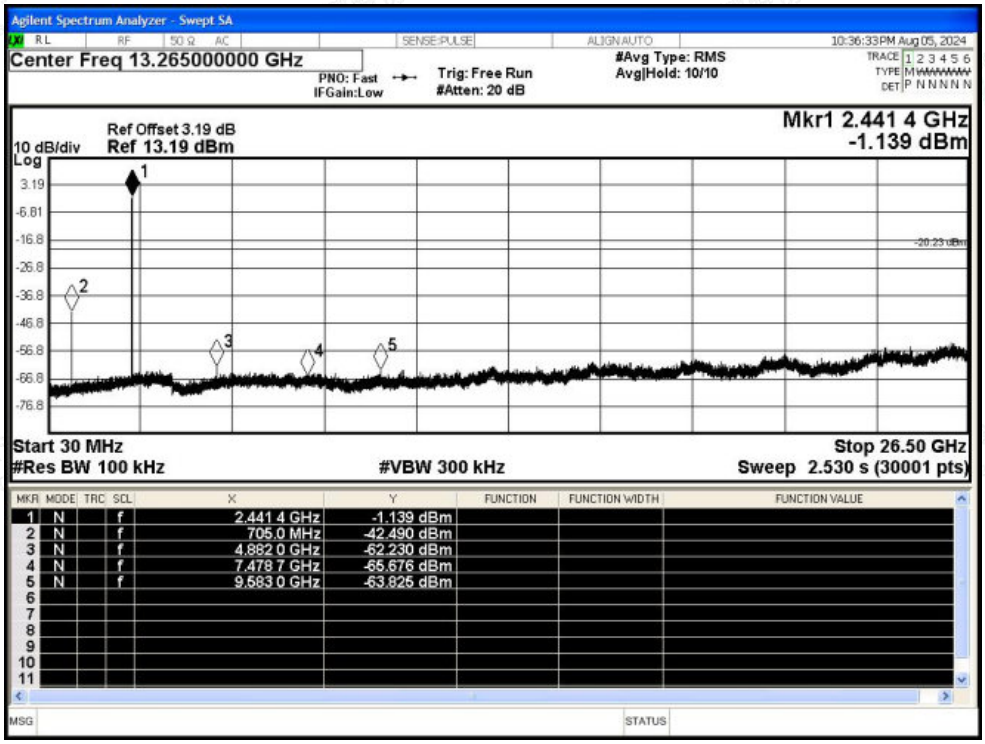
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



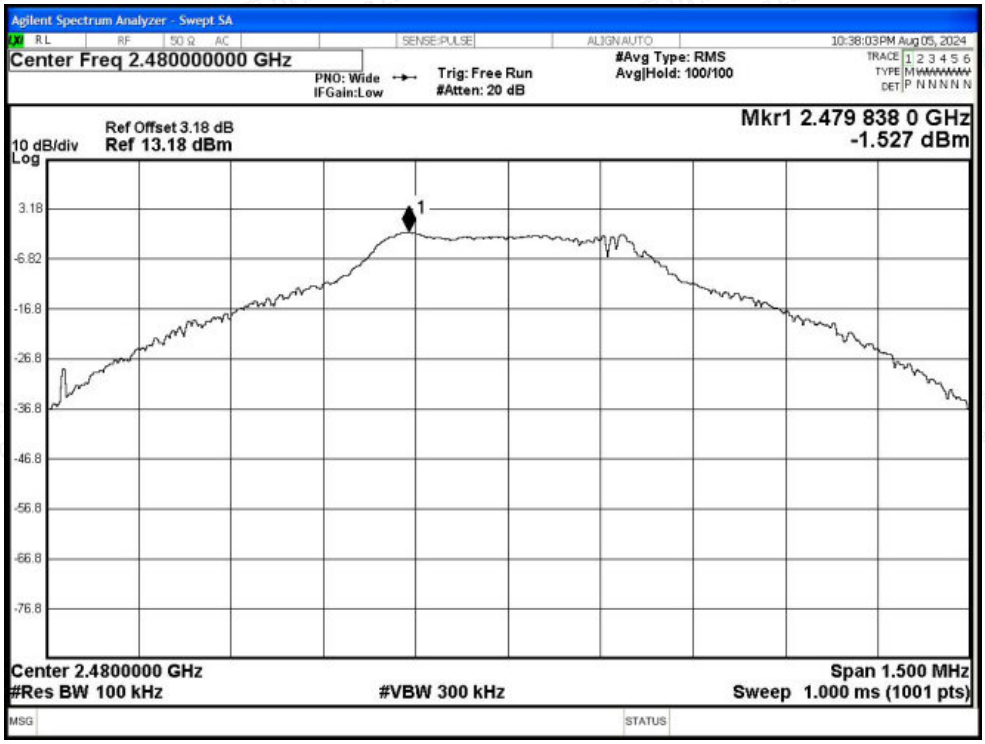
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



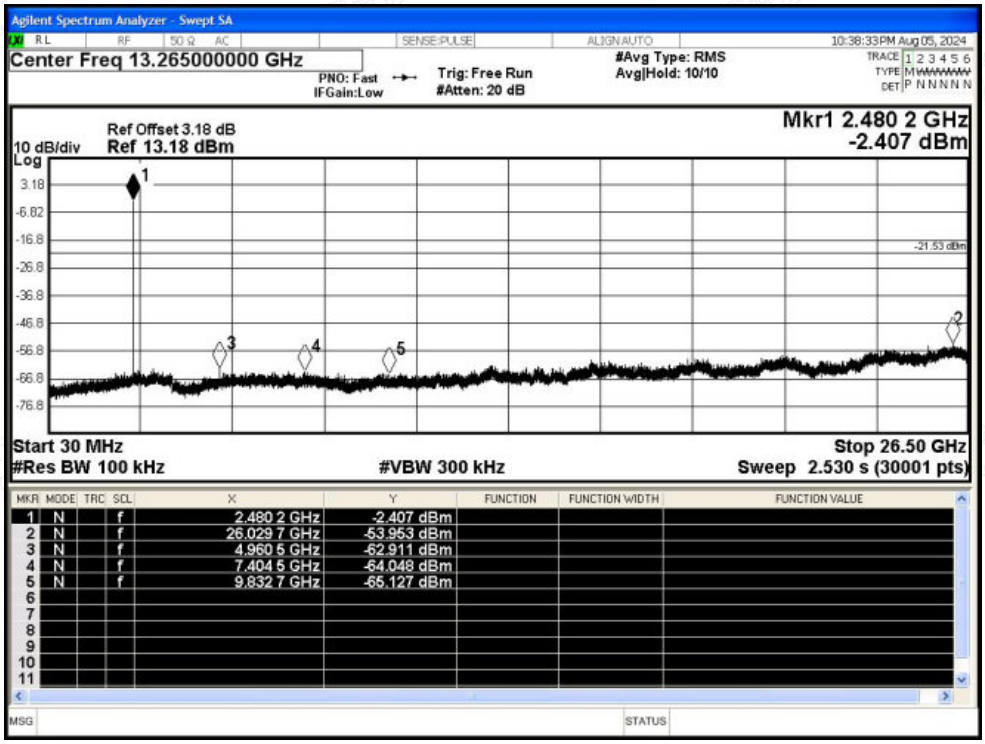
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



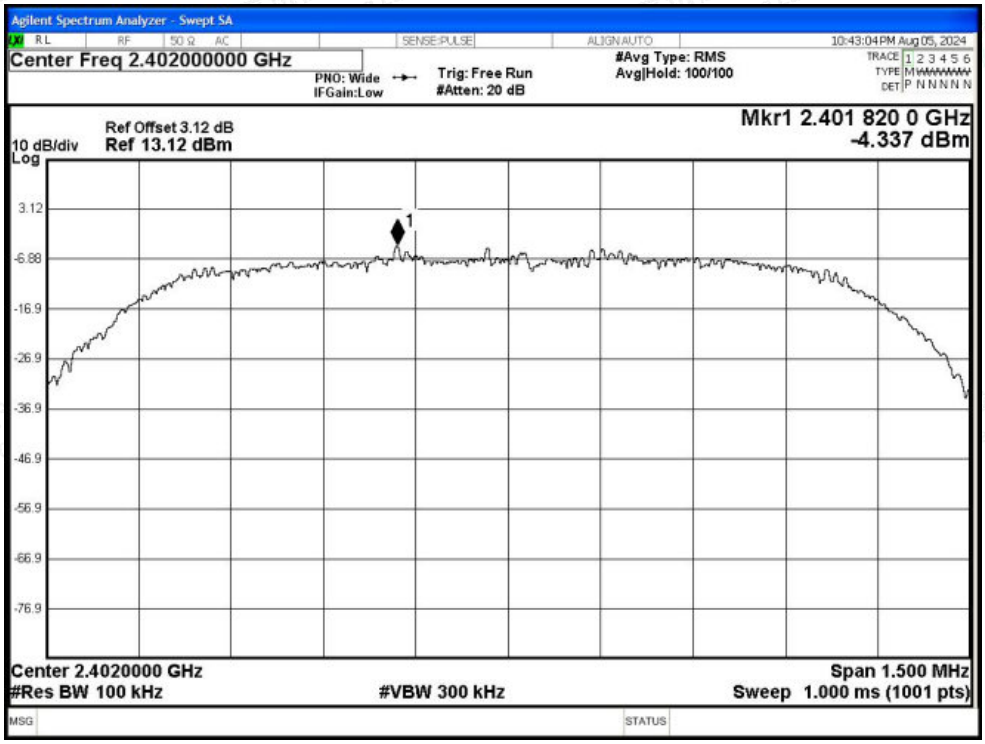
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



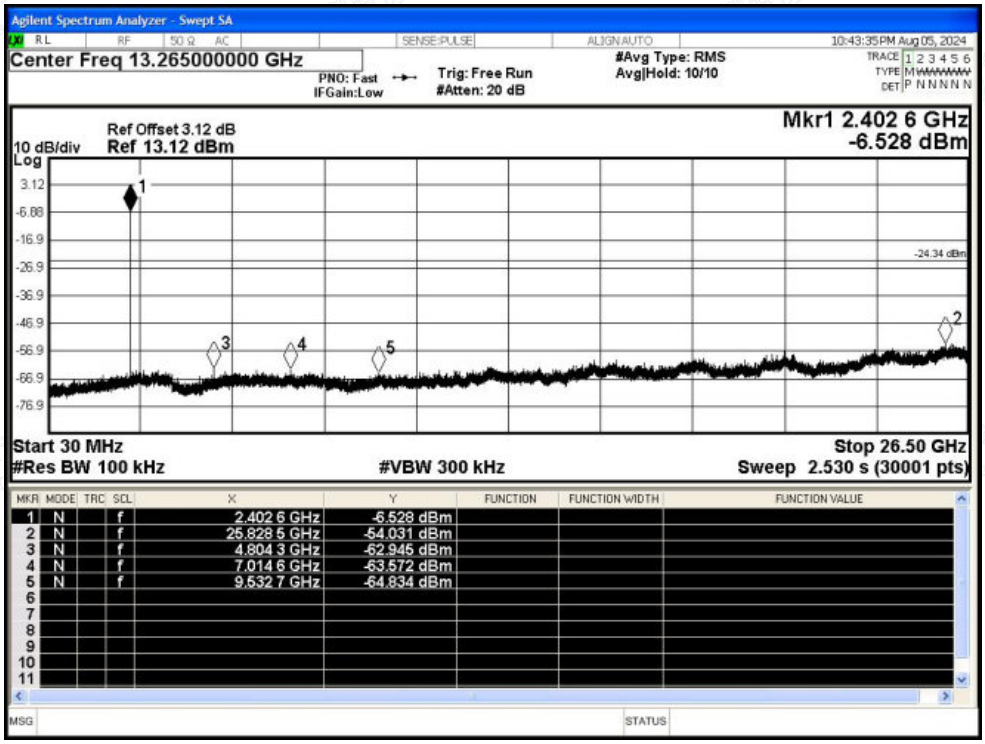
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



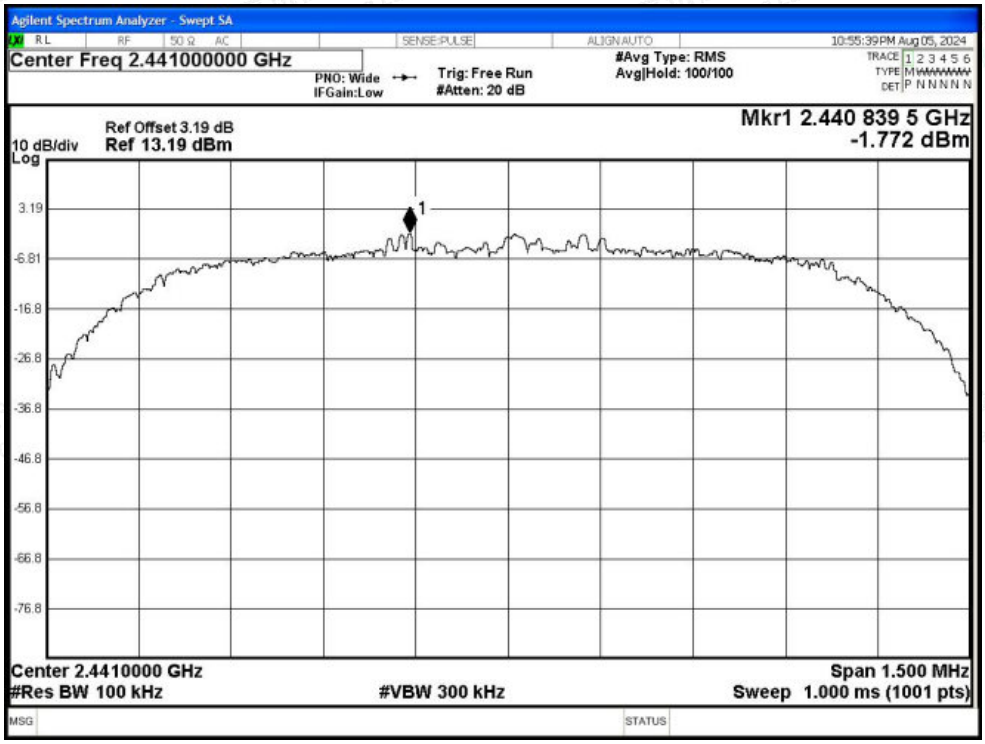
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



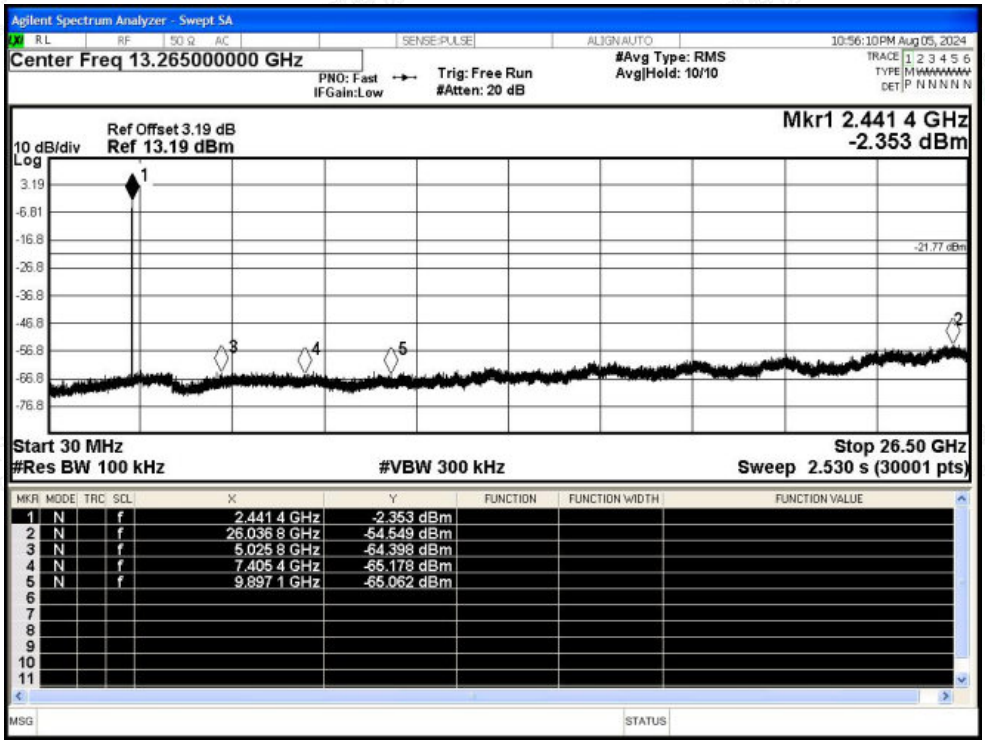
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



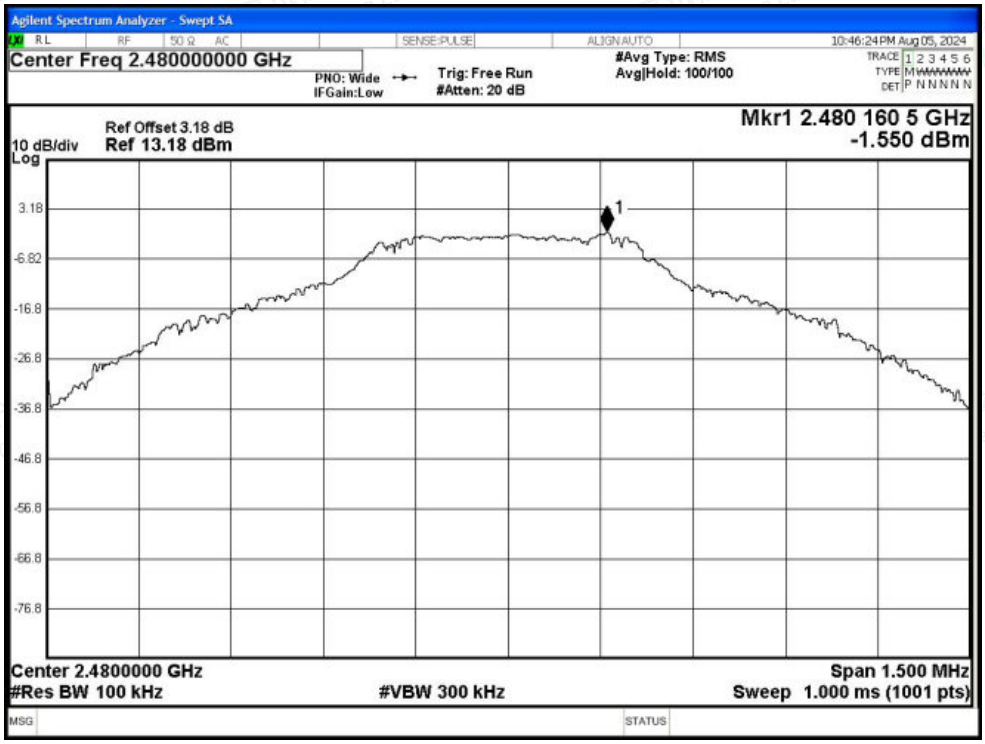
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



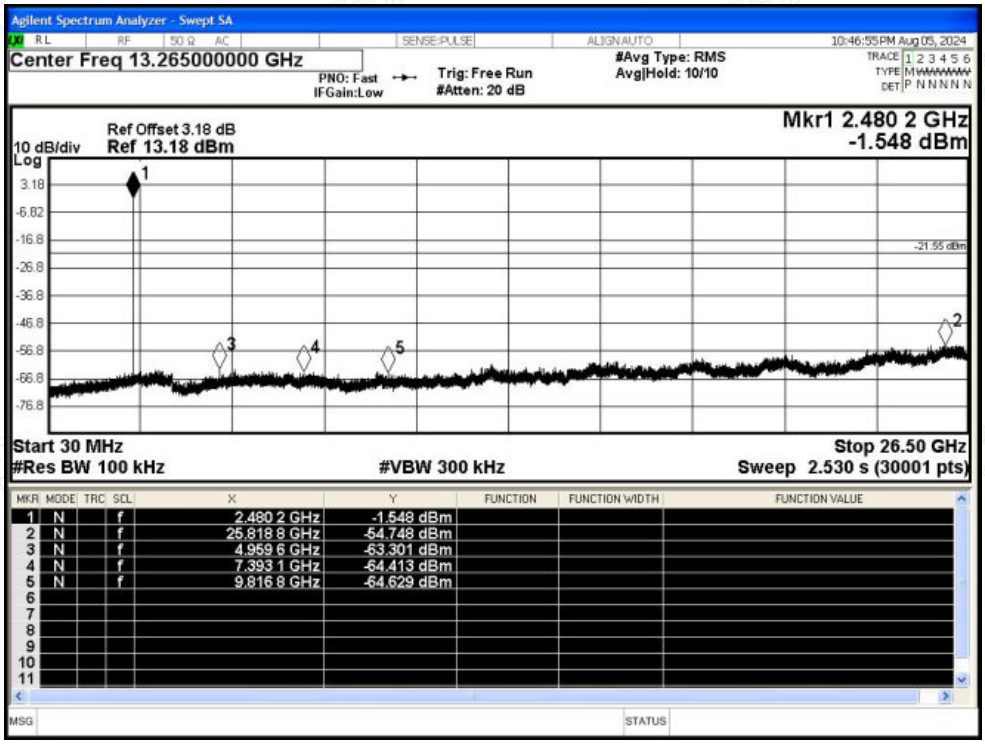
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



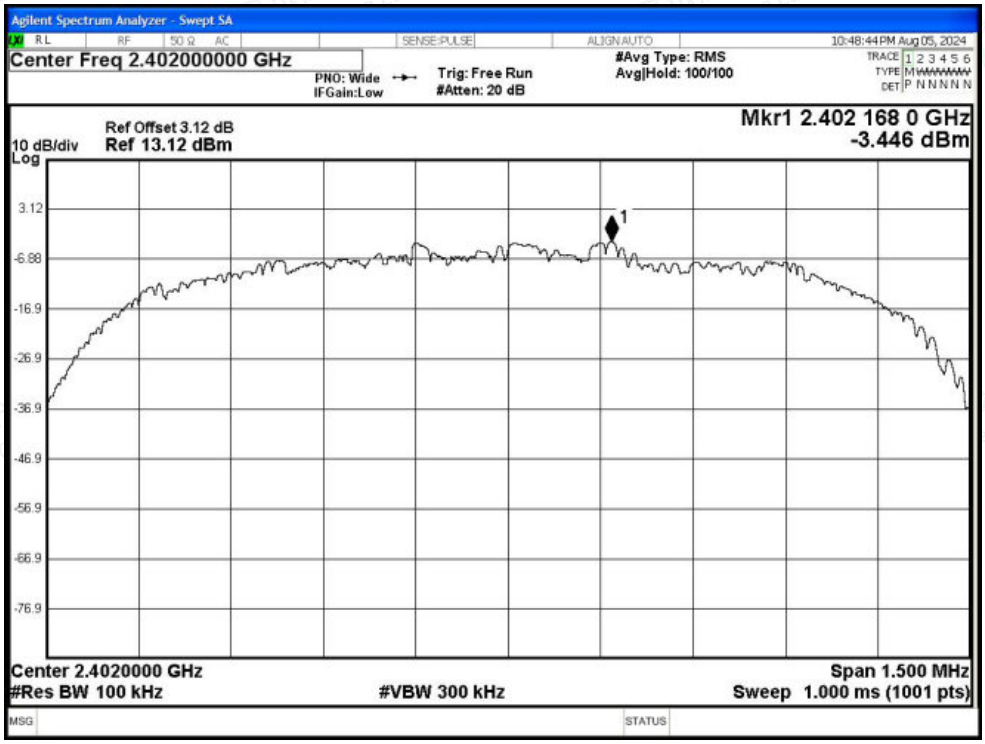
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



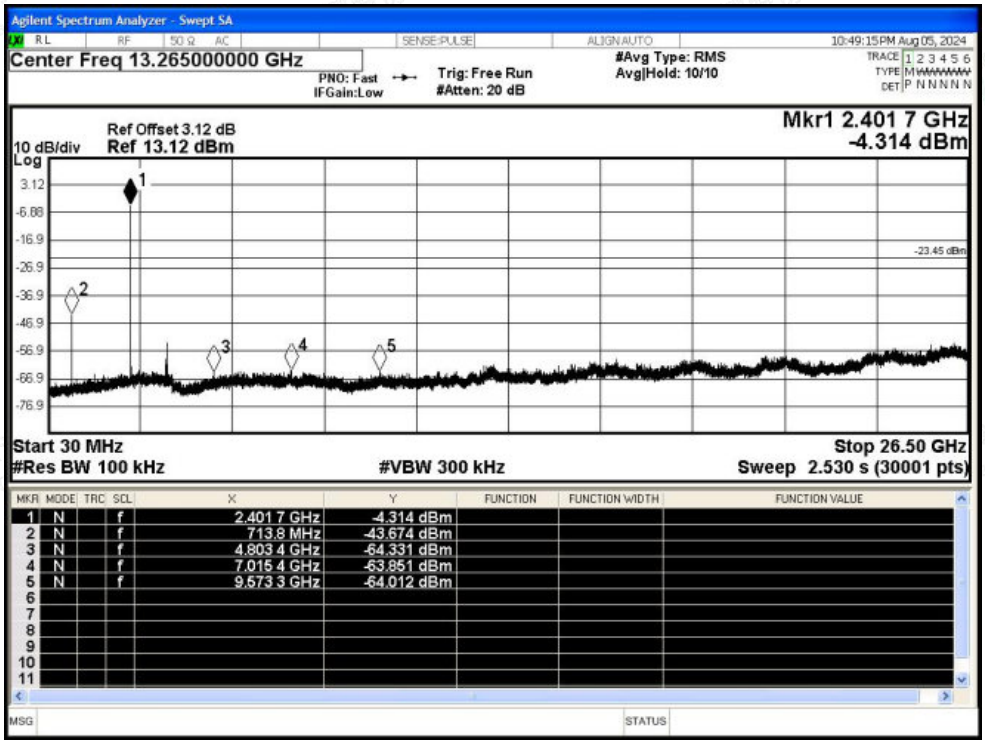
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



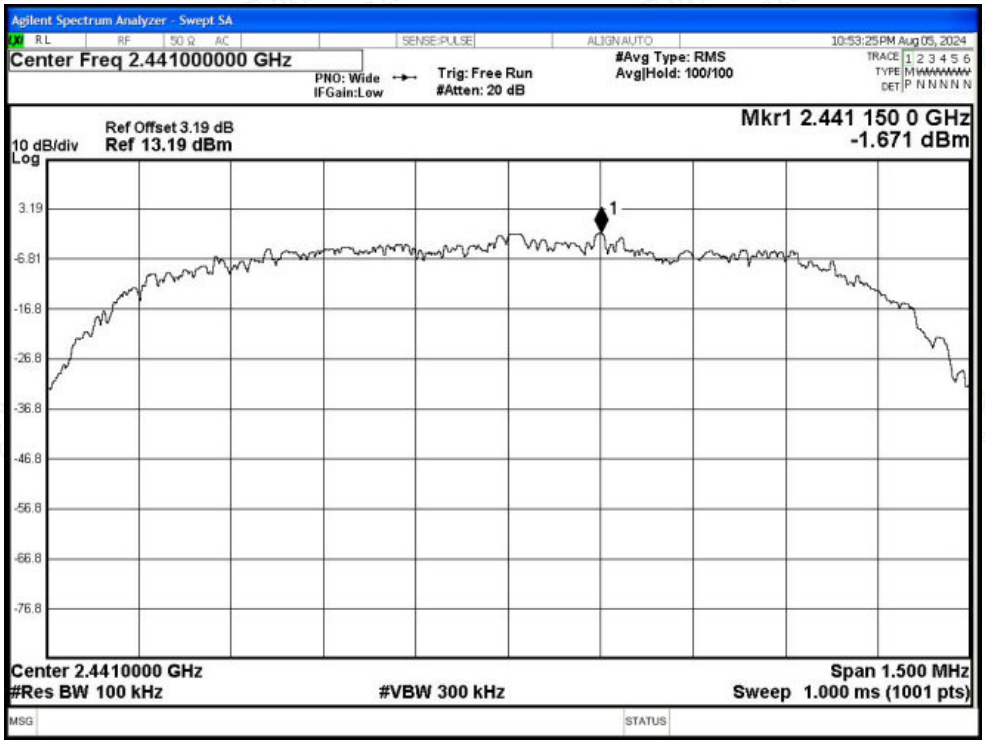
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



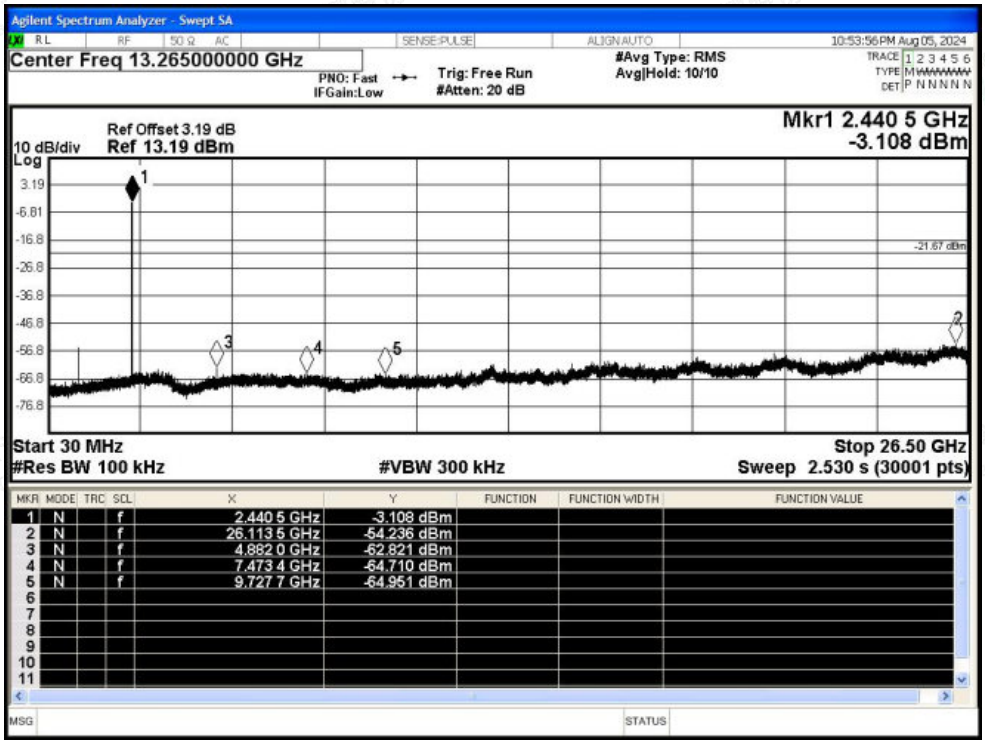
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



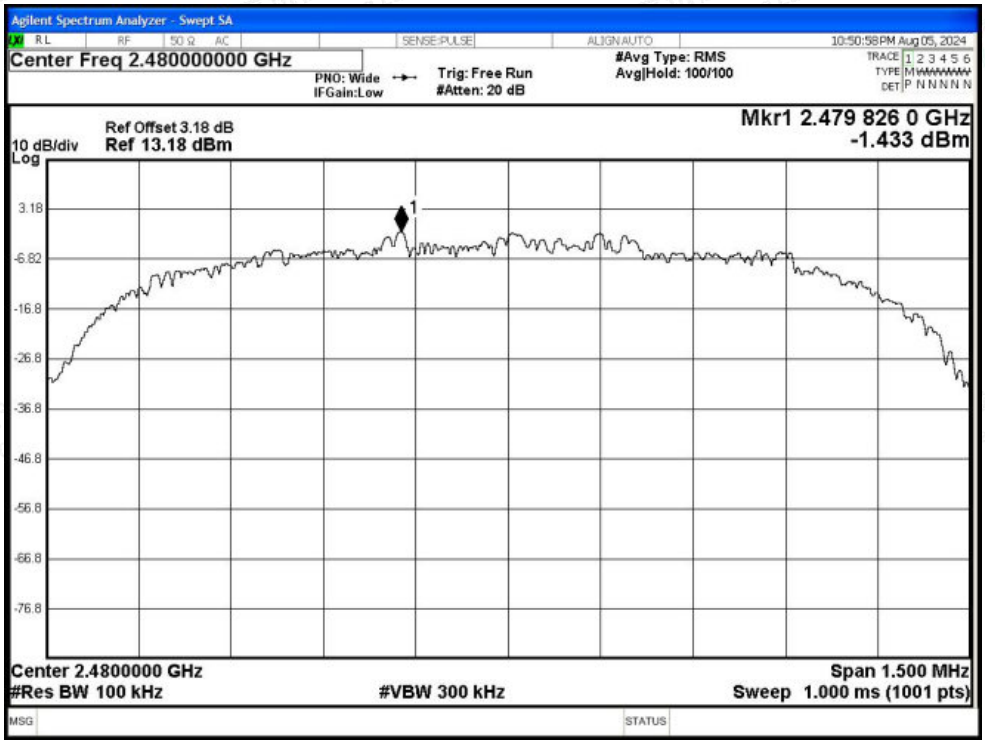
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



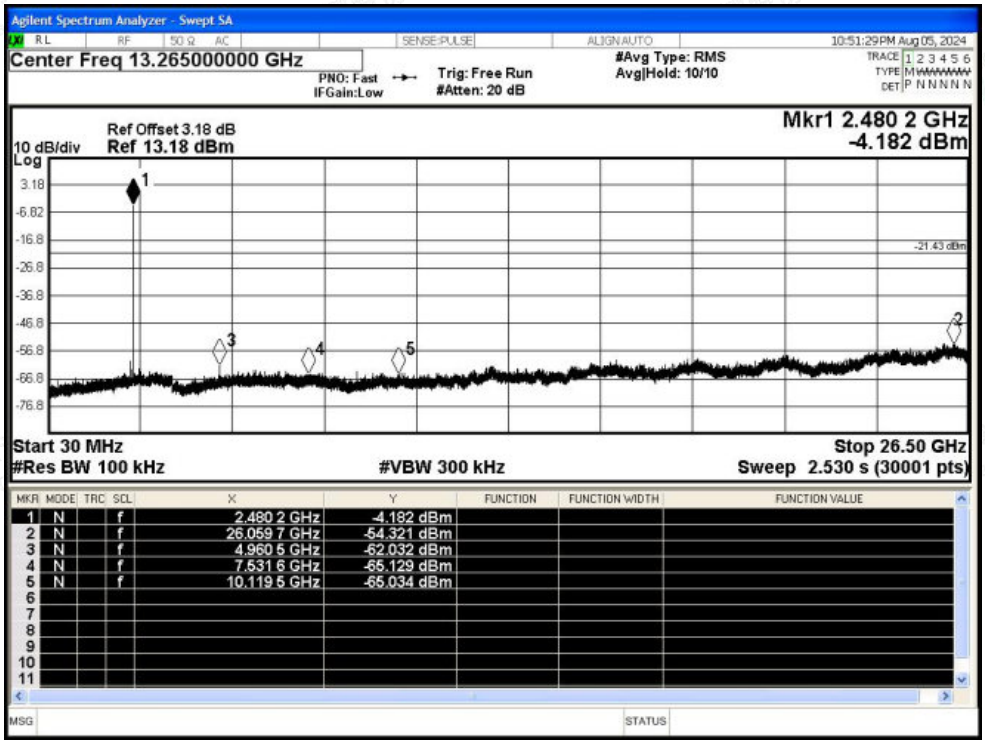
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

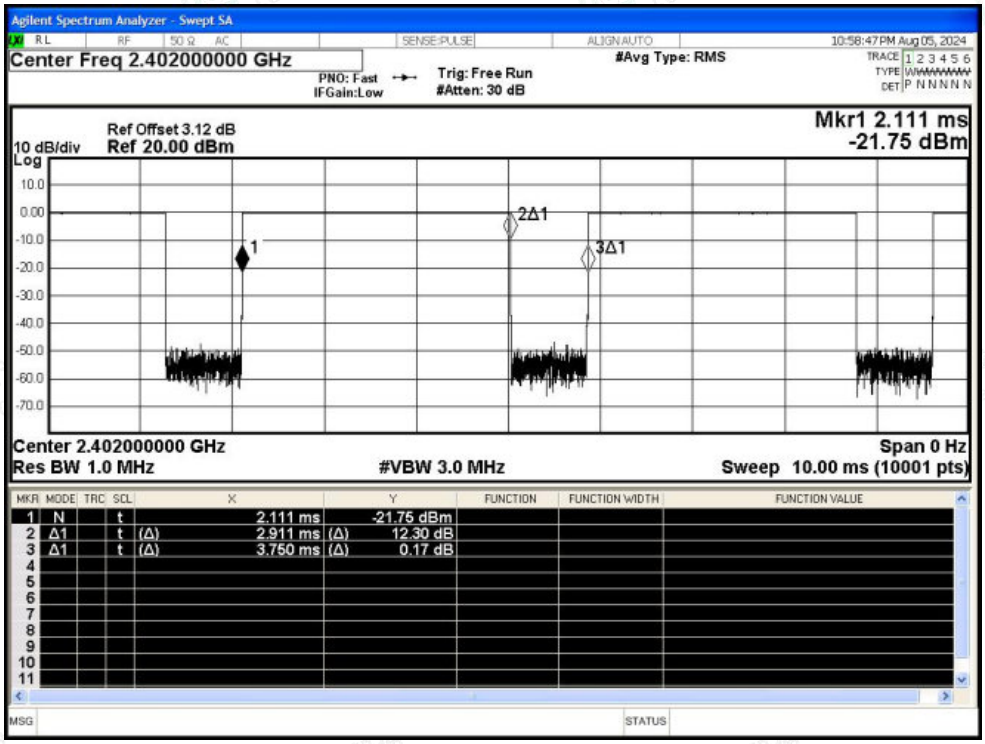


A.8 Duty Cycle

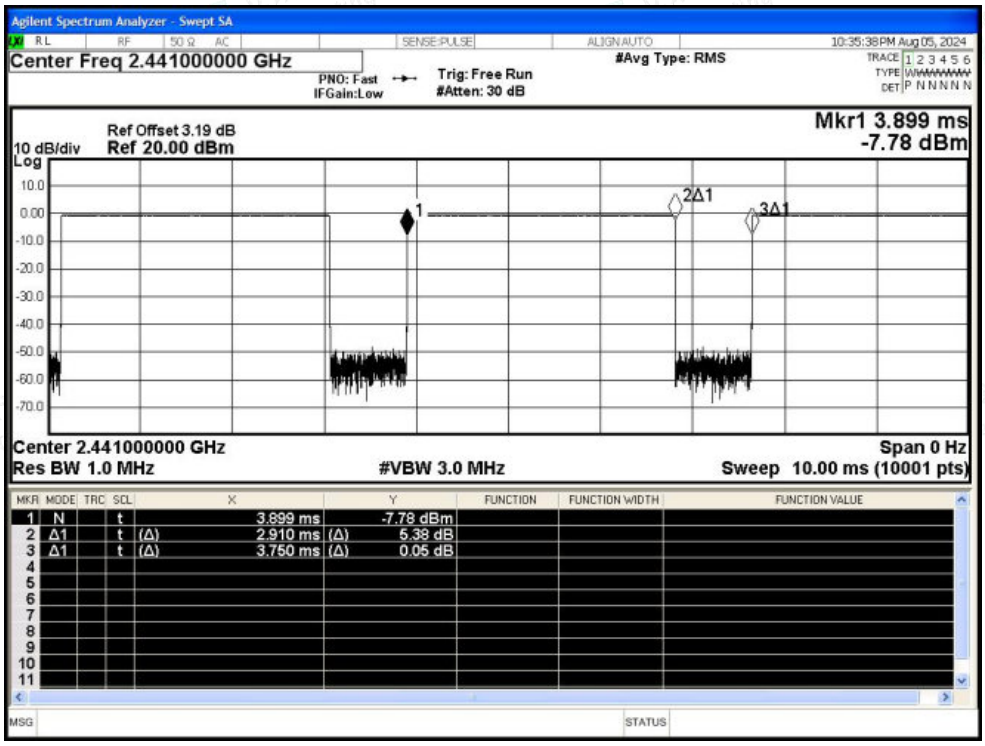
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	77.63	1.1	0.34
NVNT	1-DH5	2441	Ant1	77.6	1.1	0.34
NVNT	1-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	2-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	2-DH5	2480	Ant1	77.6	1.1	0.34
NVNT	3-DH5	2402	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2441	Ant1	77.28	1.12	0.35
NVNT	3-DH5	2480	Ant1	77.23	1.12	0.35

Test Graphs

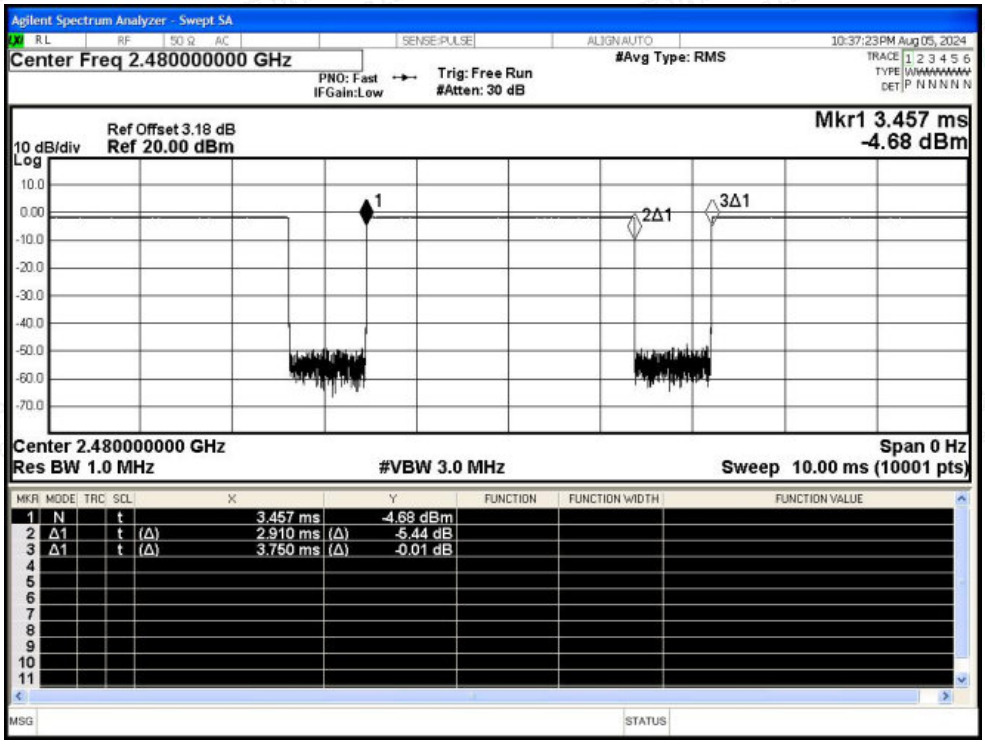
Duty Cycle NVNT 1-DH5 2402MHz Ant1



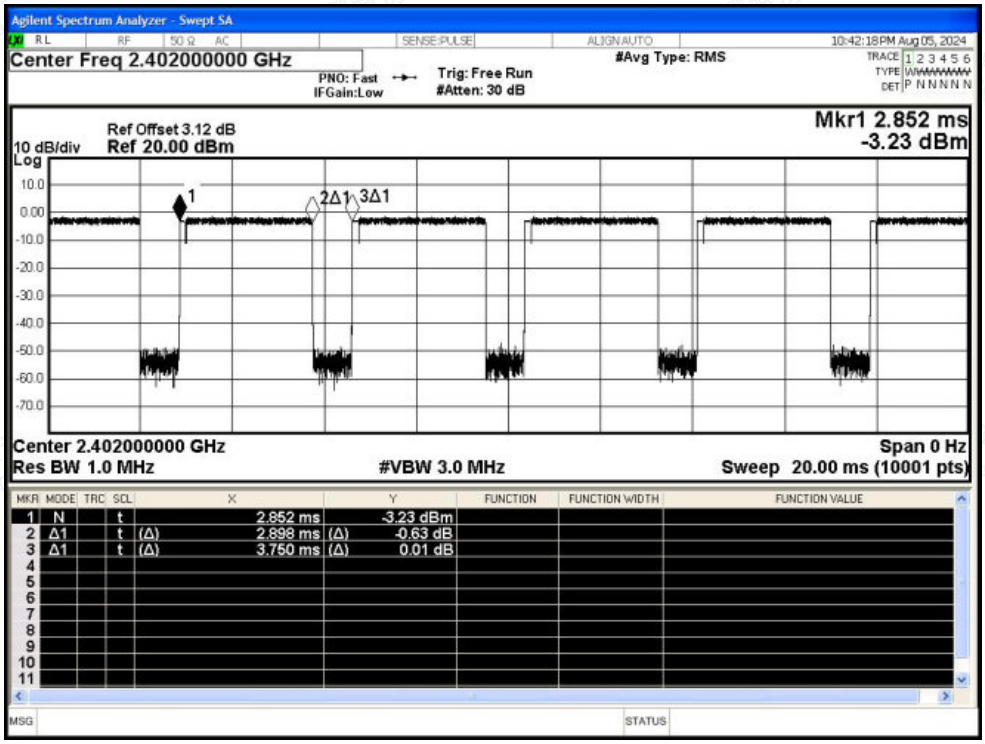
Duty Cycle NVNT 1-DH5 2441MHz Ant1



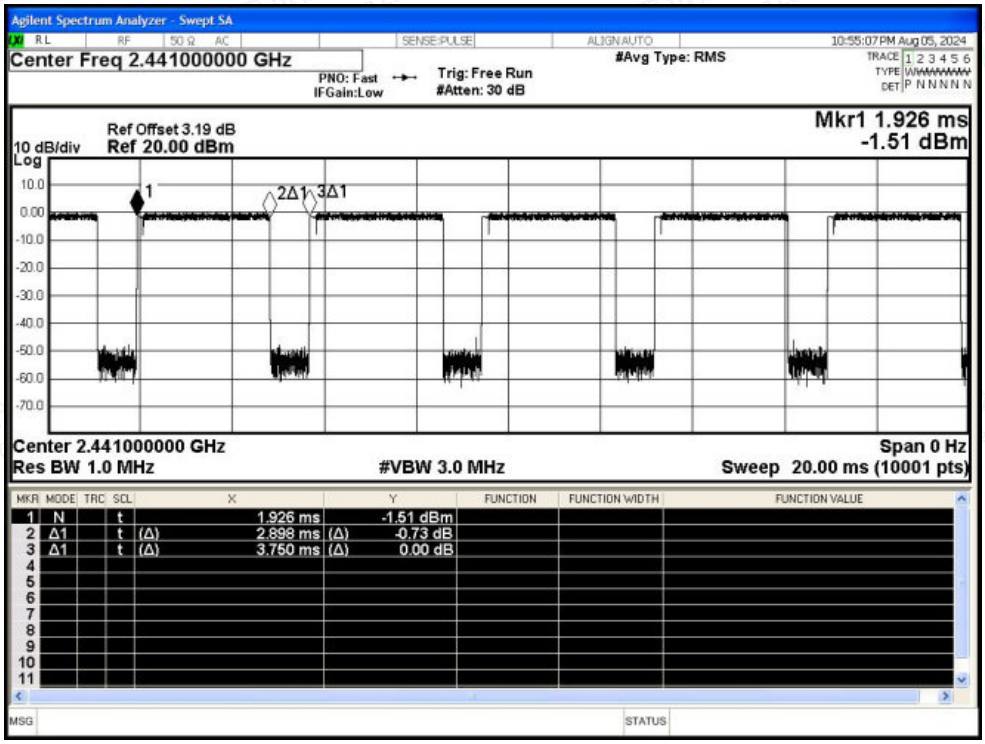
Duty Cycle NVNT 1-DH5 2480MHz Ant1



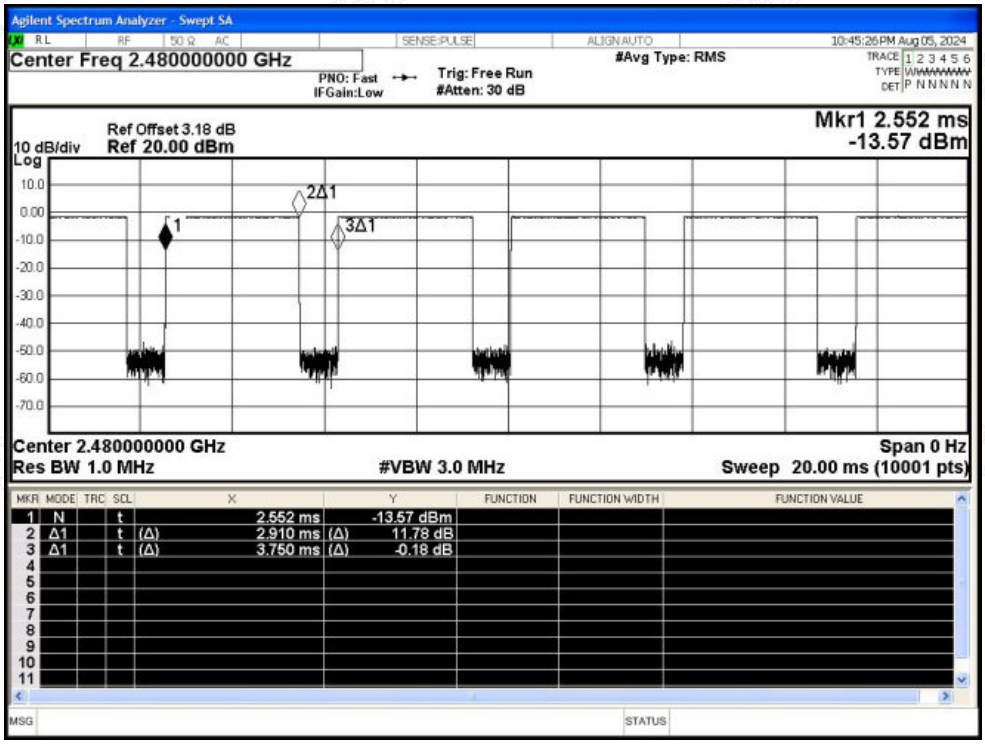
Duty Cycle NVNT 2-DH5 2402MHz Ant1



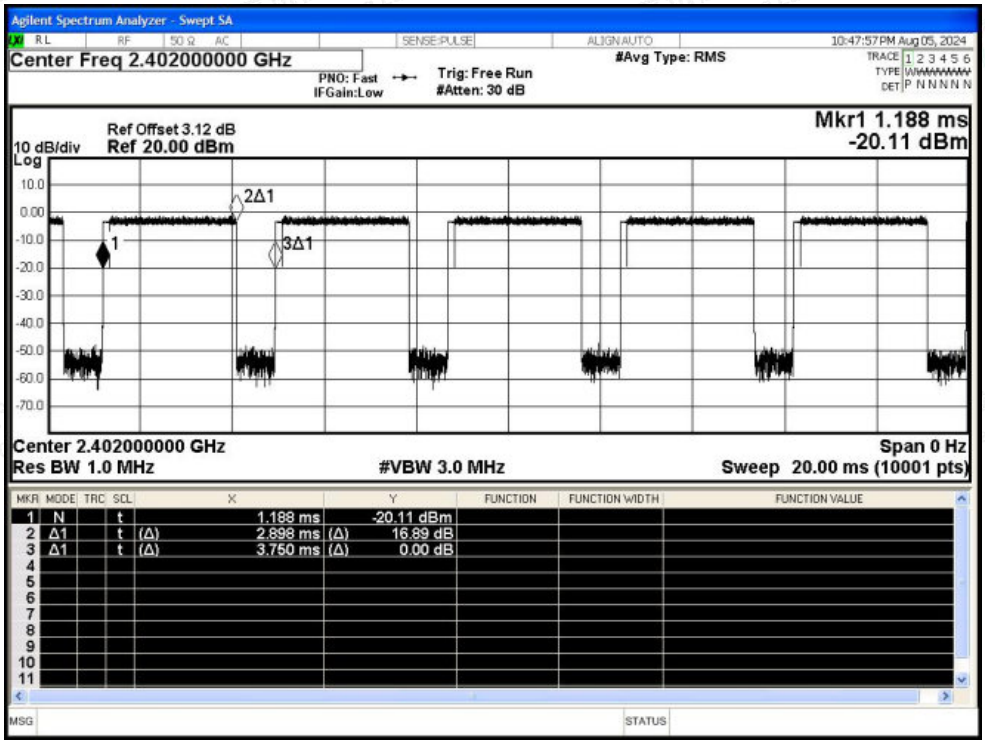
Duty Cycle NVNT 2-DH5 2441MHz Ant1



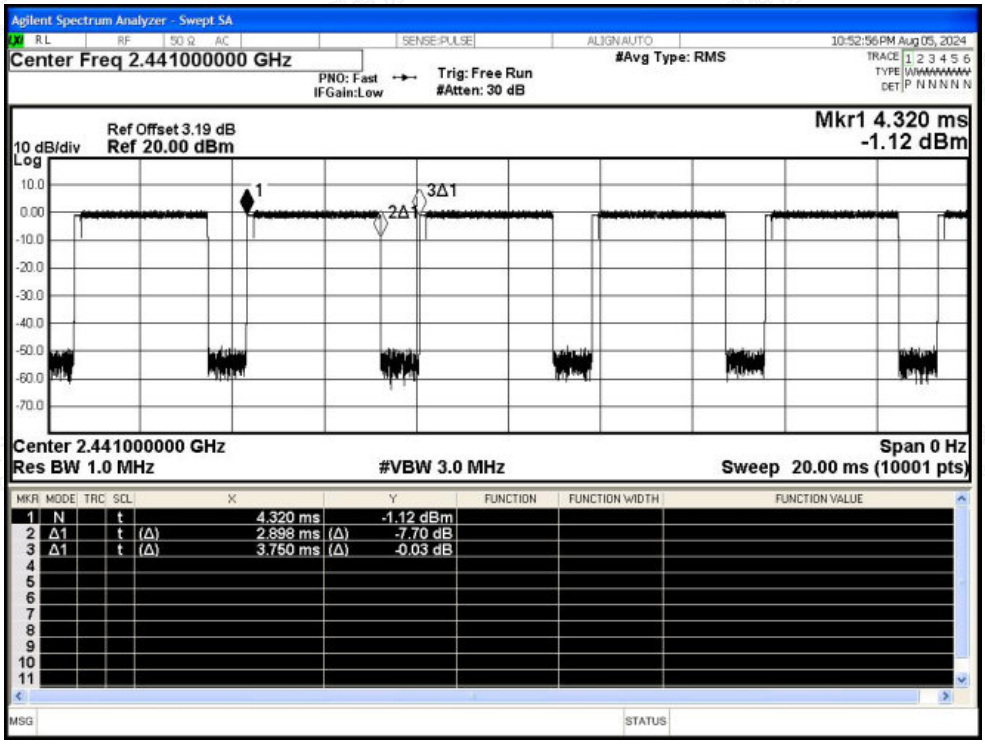
Duty Cycle NVNT 2-DH5 2480MHz Ant1



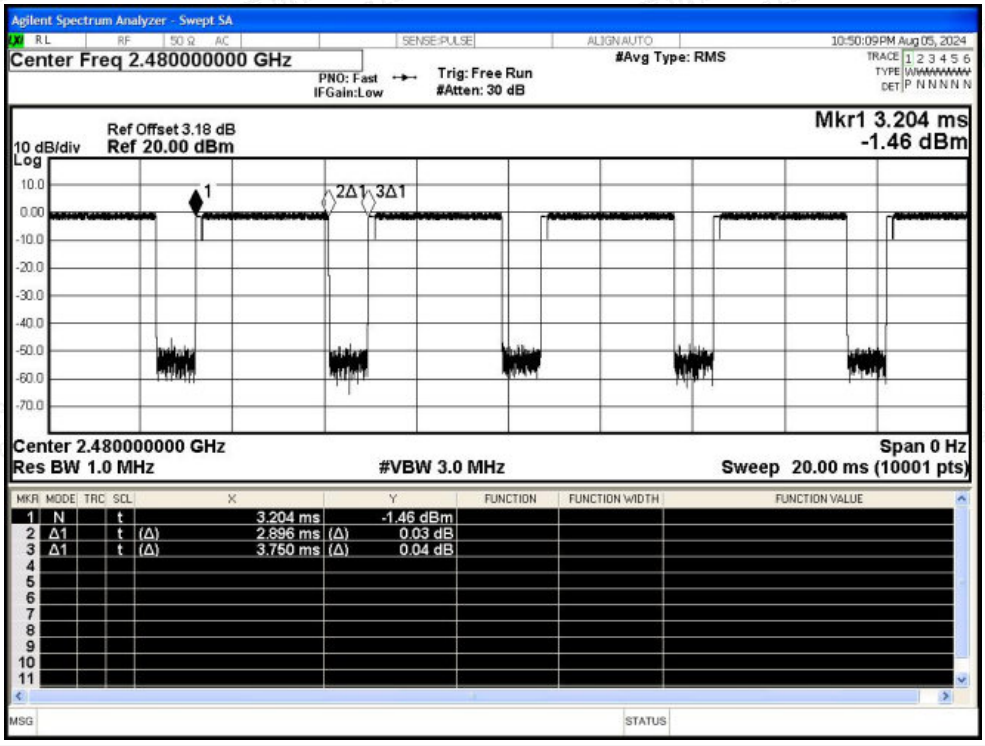
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

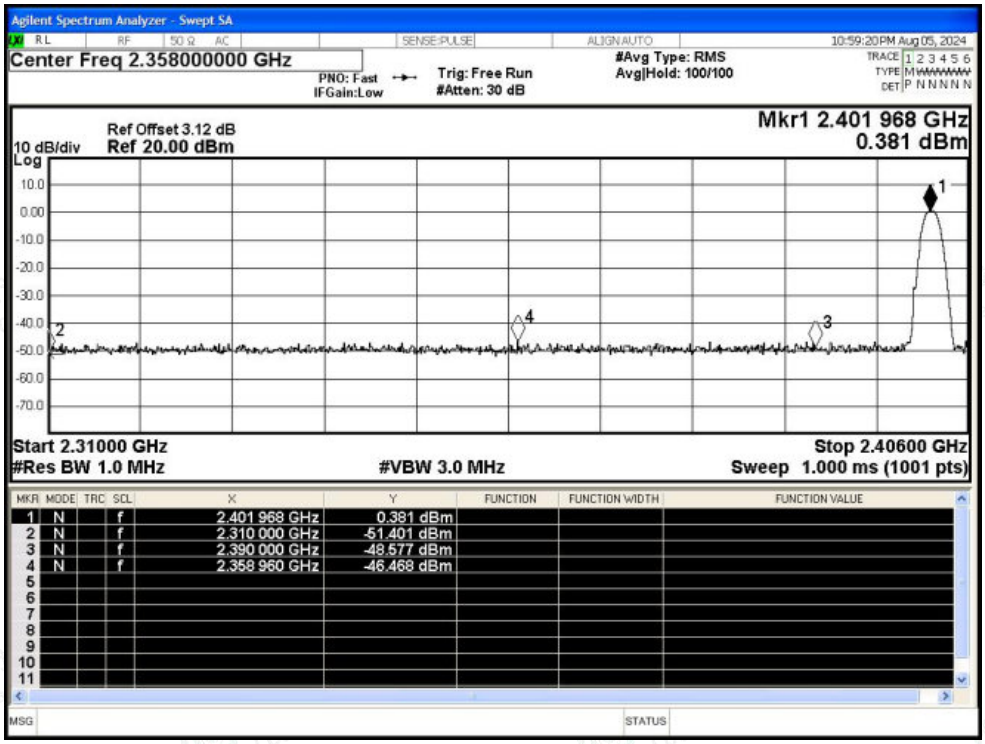


A.9 Restrict Band

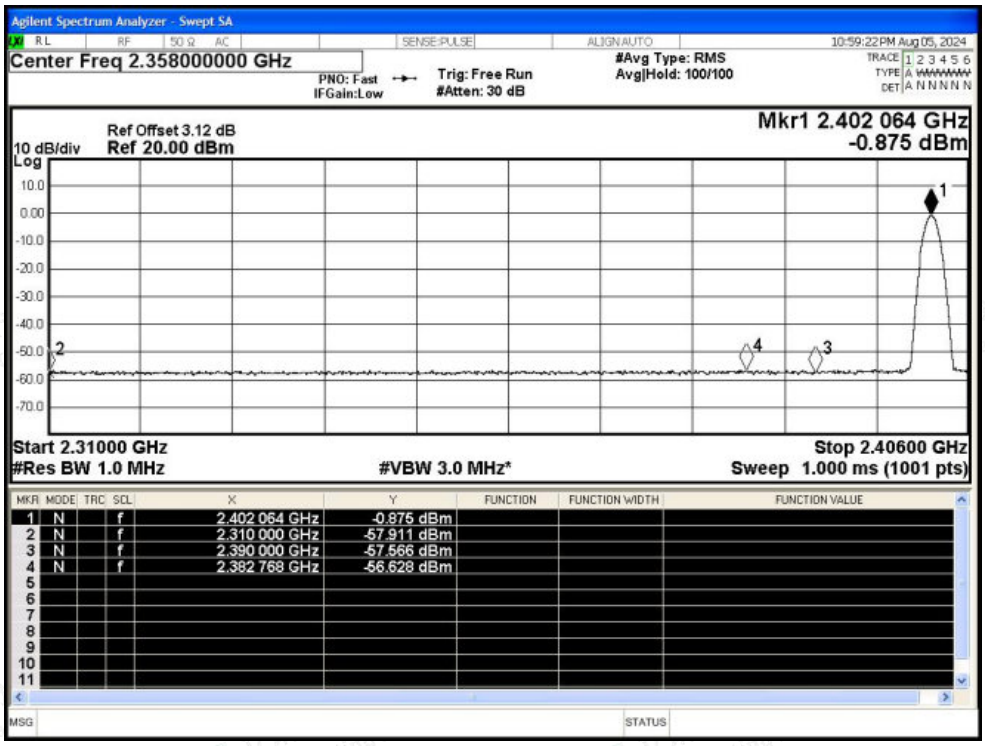
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.4	2	-	45.86	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-57.91	2	1.1	40.45	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2358.96	-46.47	2	-	50.79	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2382.768	-56.63	2	1.1	41.73	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-48.58	2	-	48.68	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-57.57	2	1.1	40.79	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-48.34	2	-	48.92	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-56.8	2	1.1	41.56	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2486.104	-45.65	2	-	51.61	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.952	-56.02	2	1.1	42.34	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-49.76	2	-	47.5	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-56.97	2	1.1	41.39	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-49.51	2	-	47.75	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-57.67	2	1.12	40.71	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2375.76	-45.8	2	-	51.46	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2382.192	-56.63	2	1.12	41.75	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.27	2	-	46.99	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-57.75	2	1.12	40.63	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.5	2	-	47.76	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.14	2	1.1	41.22	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2498.632	-45.83	2	-	51.43	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2492.704	-56.13	2	1.1	42.23	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-47.96	2	-	49.3	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-57.57	2	1.1	40.79	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-48.09	2	-	49.17	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-57.3	2	1.12	41.08	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2333.808	-46.9	2	-	50.36	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2367.12	-56.58	2	1.12	41.8	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-48.93	2	-	48.33	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-57.31	2	1.12	41.07	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-47.27	2	-	49.99	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-56.4	2	1.12	41.98	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.656	-44.91	2	-	52.35	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2485.24	-56.02	2	1.12	42.36	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.25	2	-	48.01	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-56.43	2	1.12	41.95	Average	54	Pass

Test Graphs

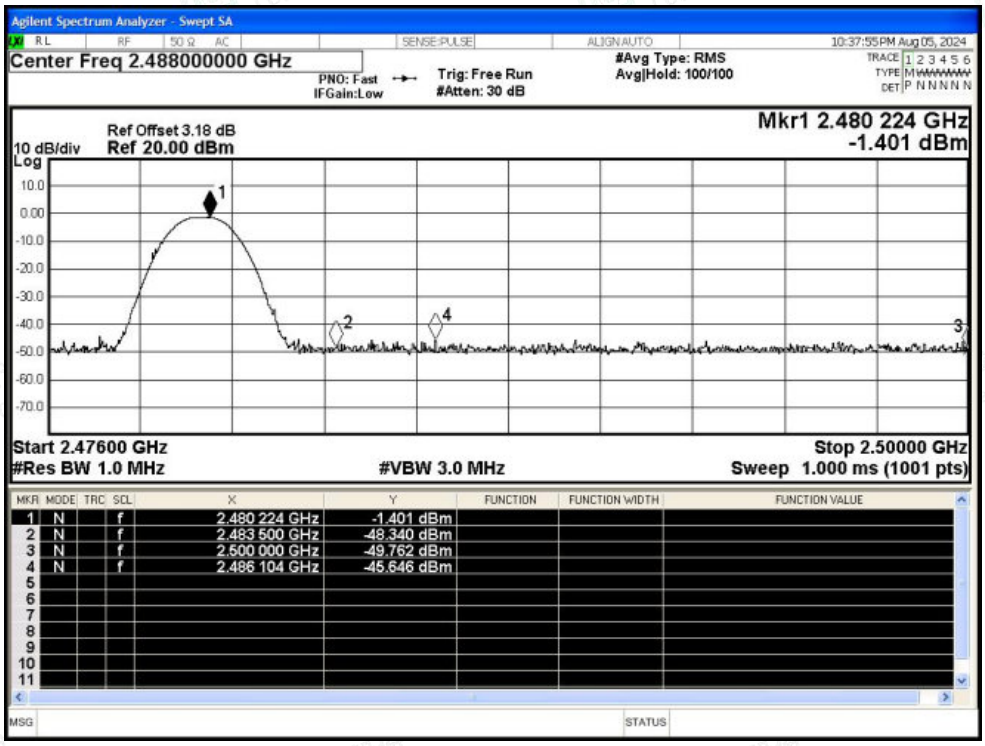
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



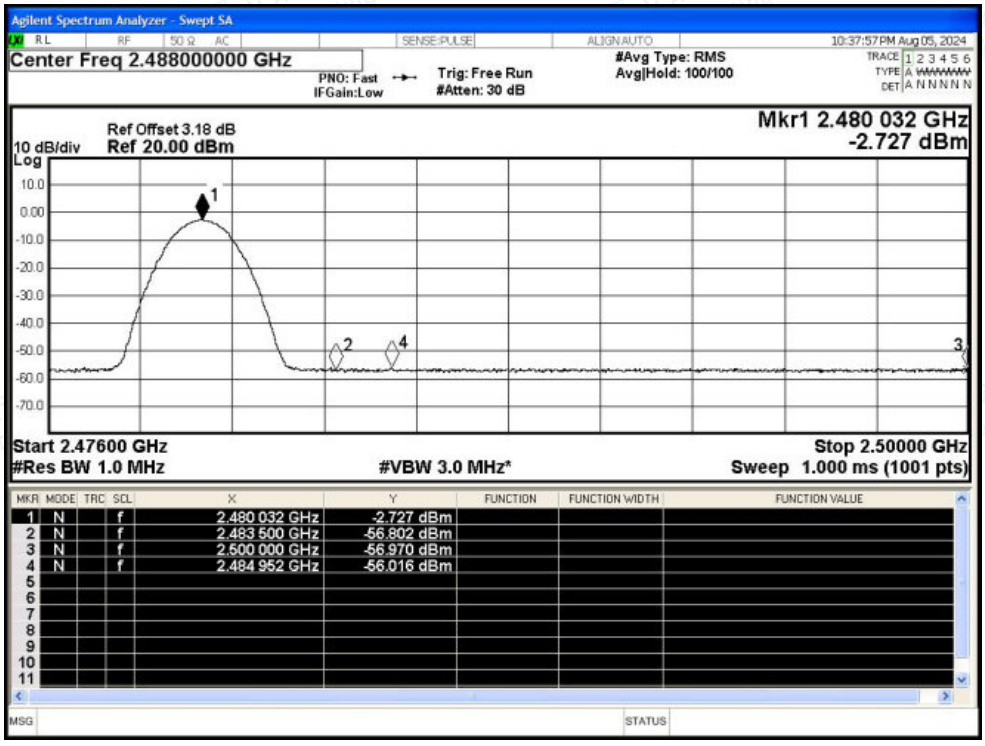
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



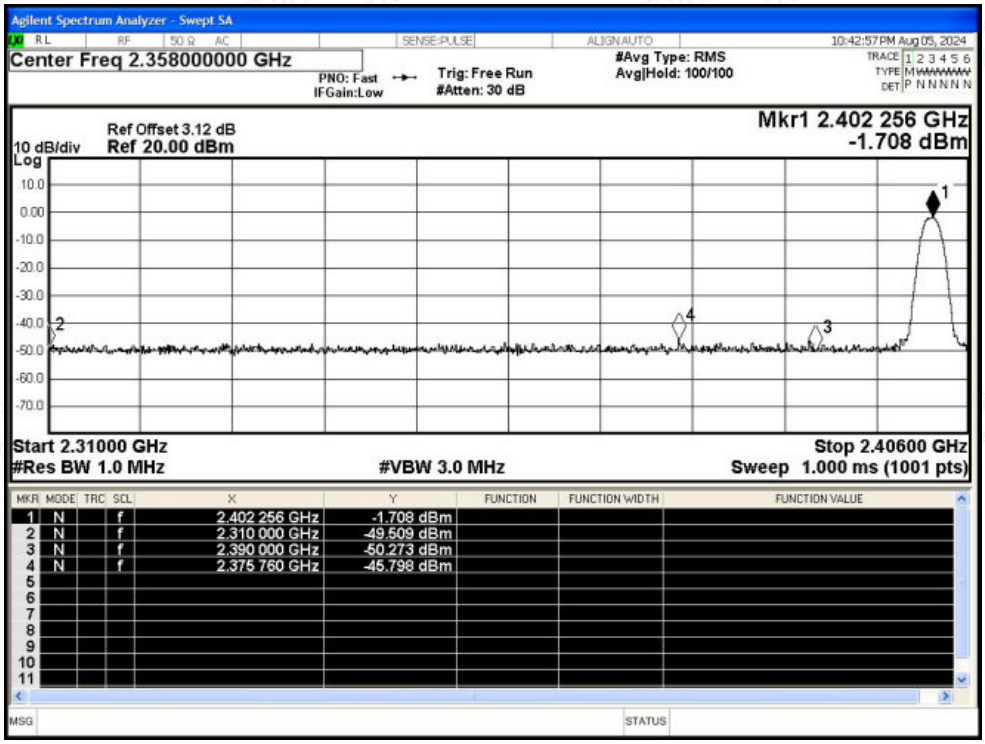
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



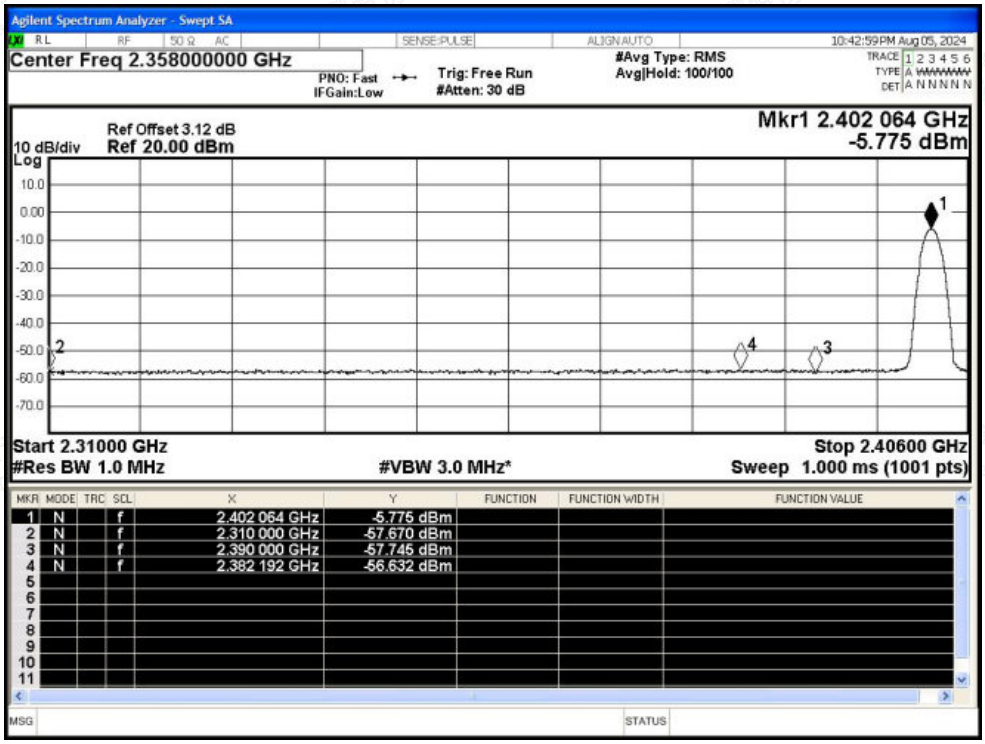
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



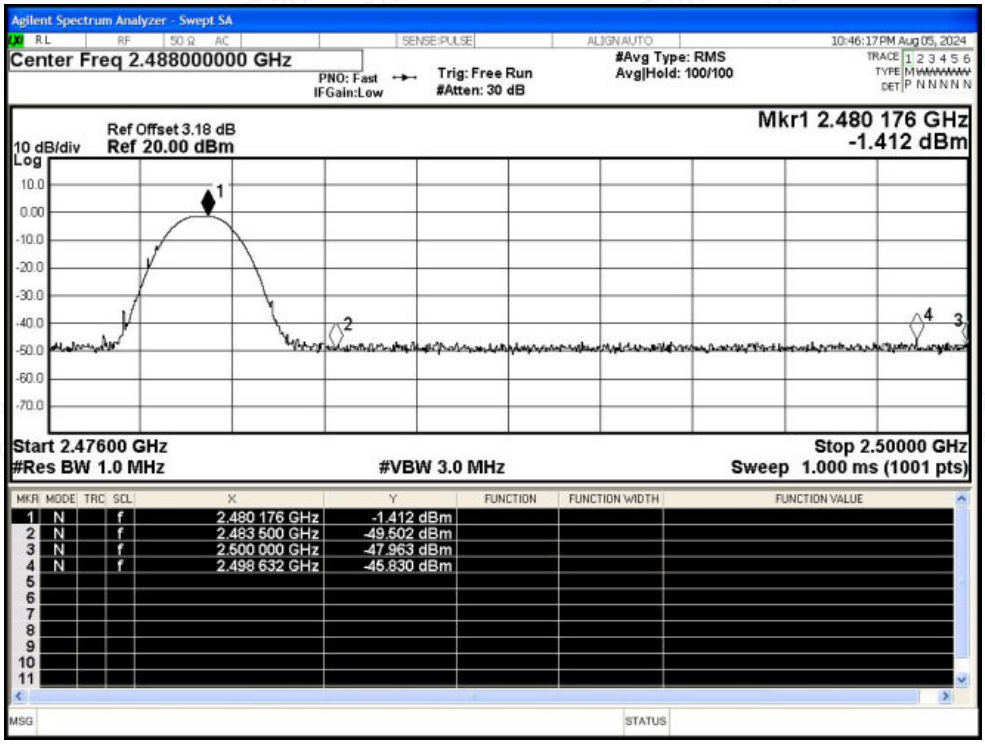
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



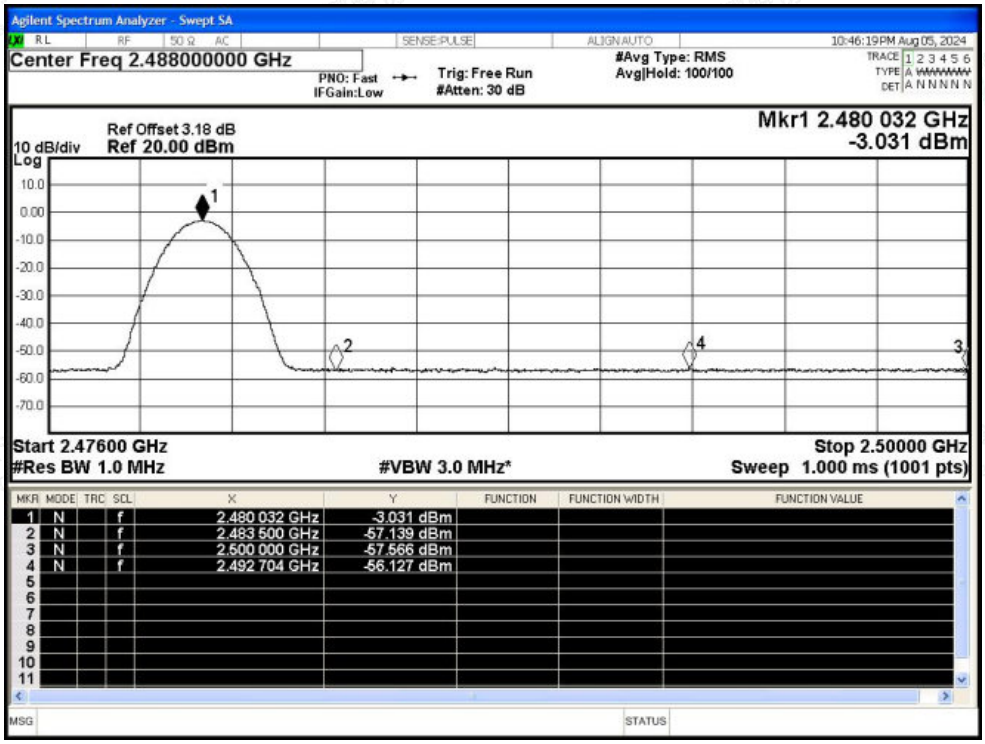
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



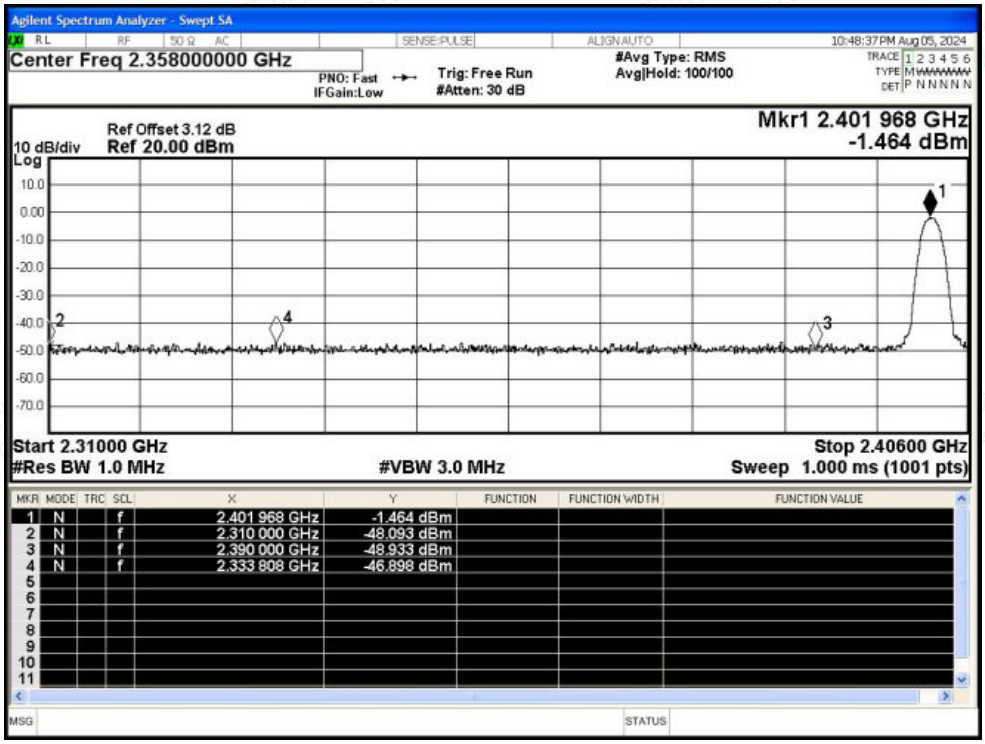
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



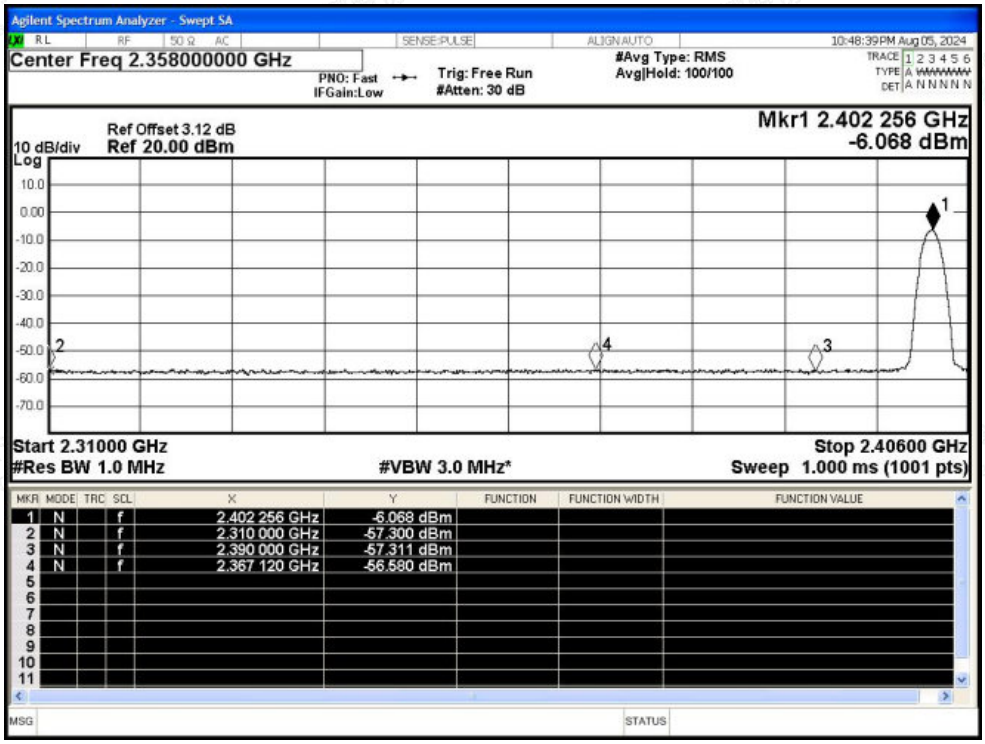
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



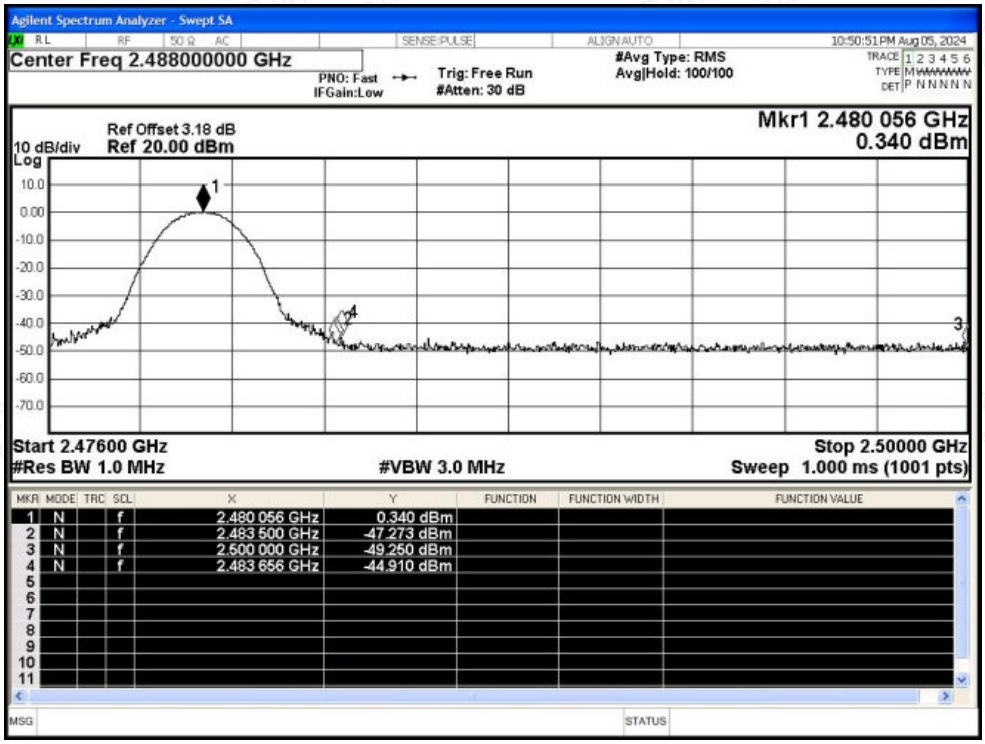
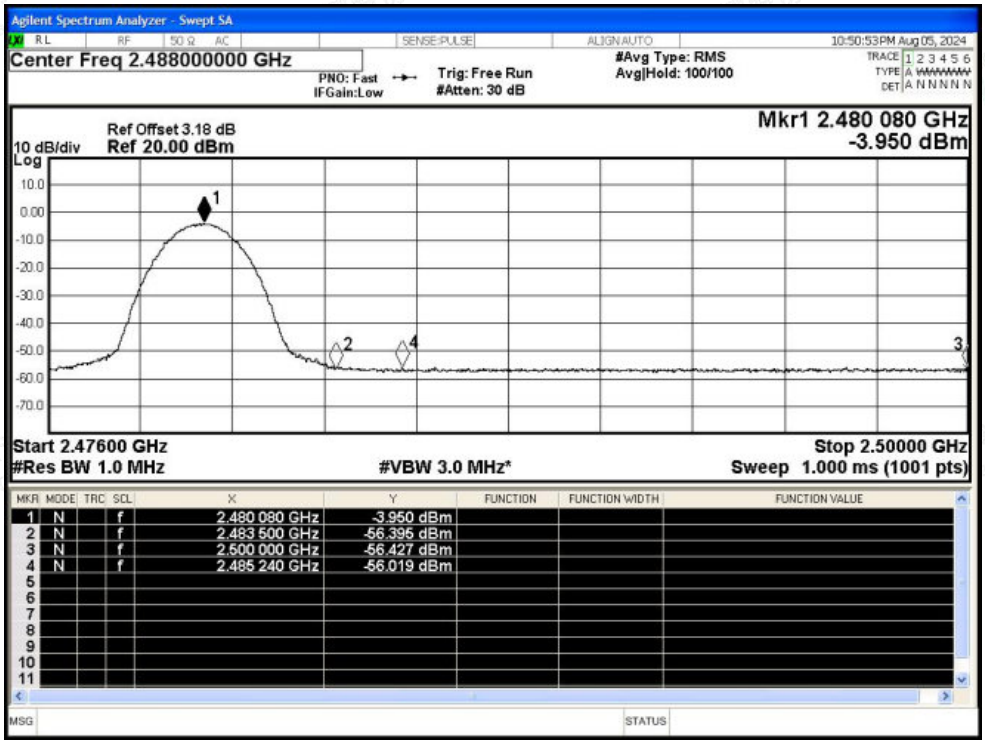
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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