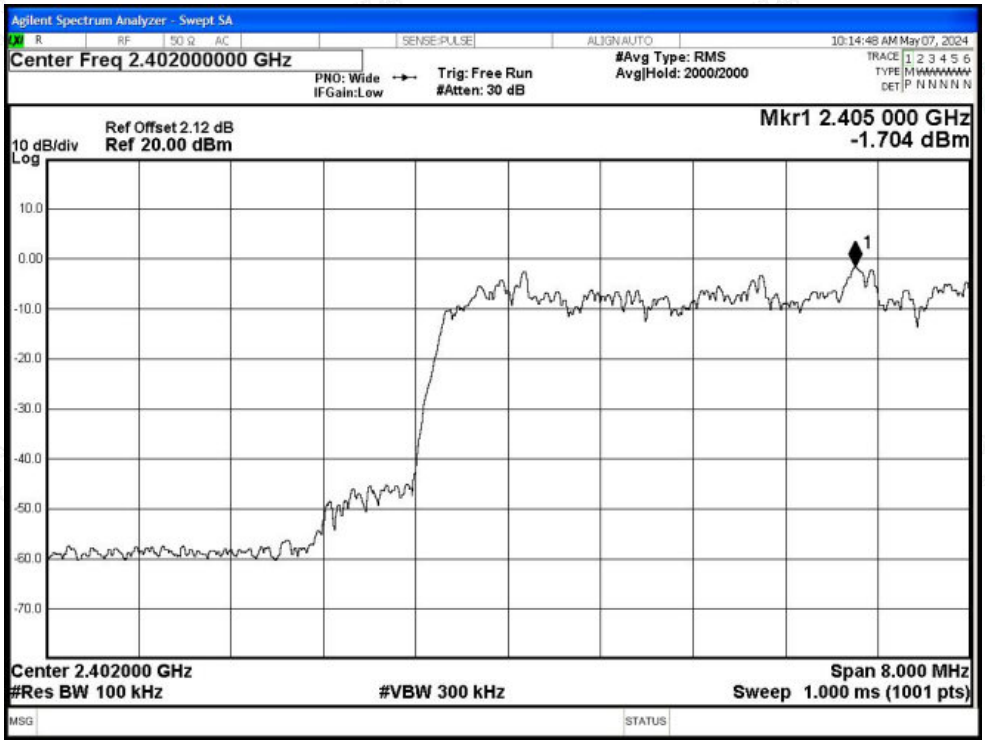
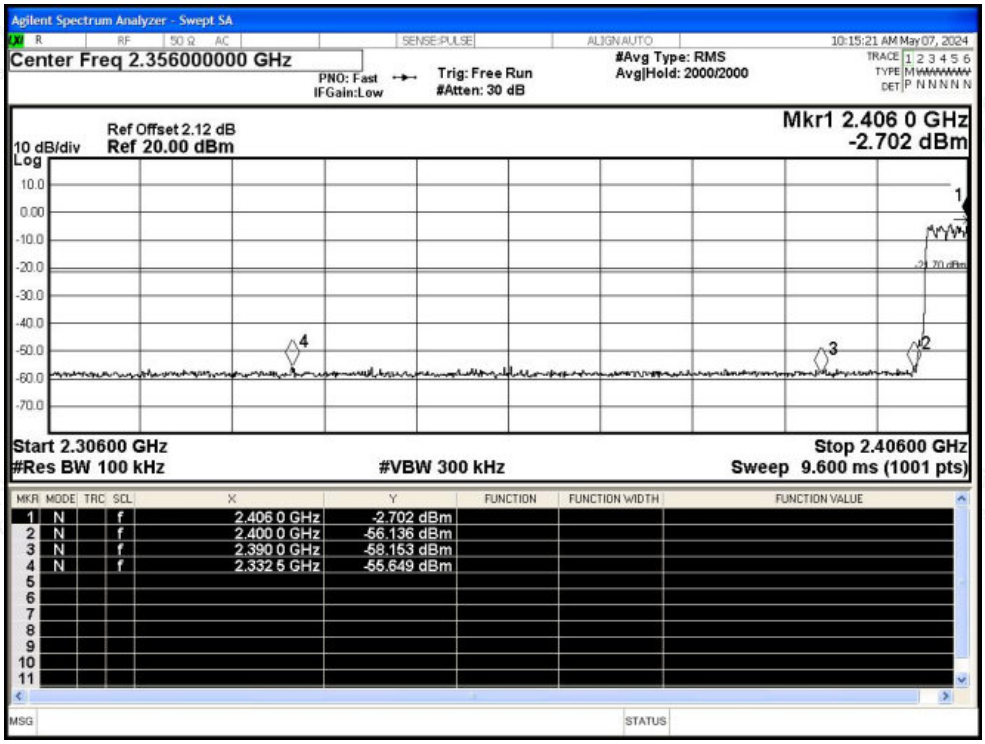
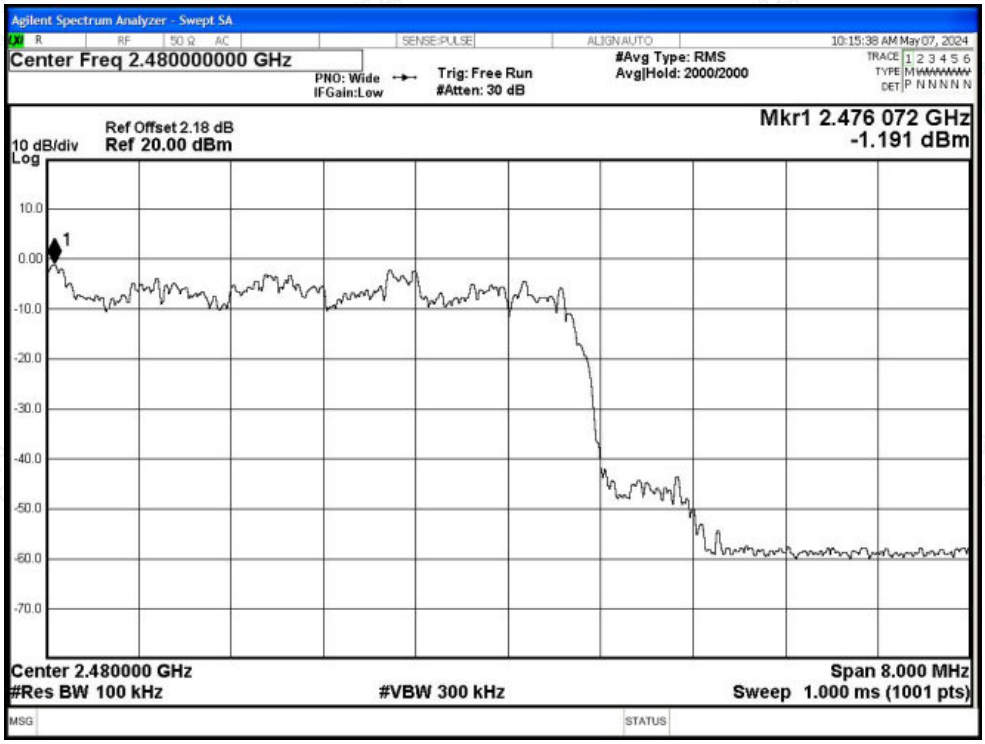
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



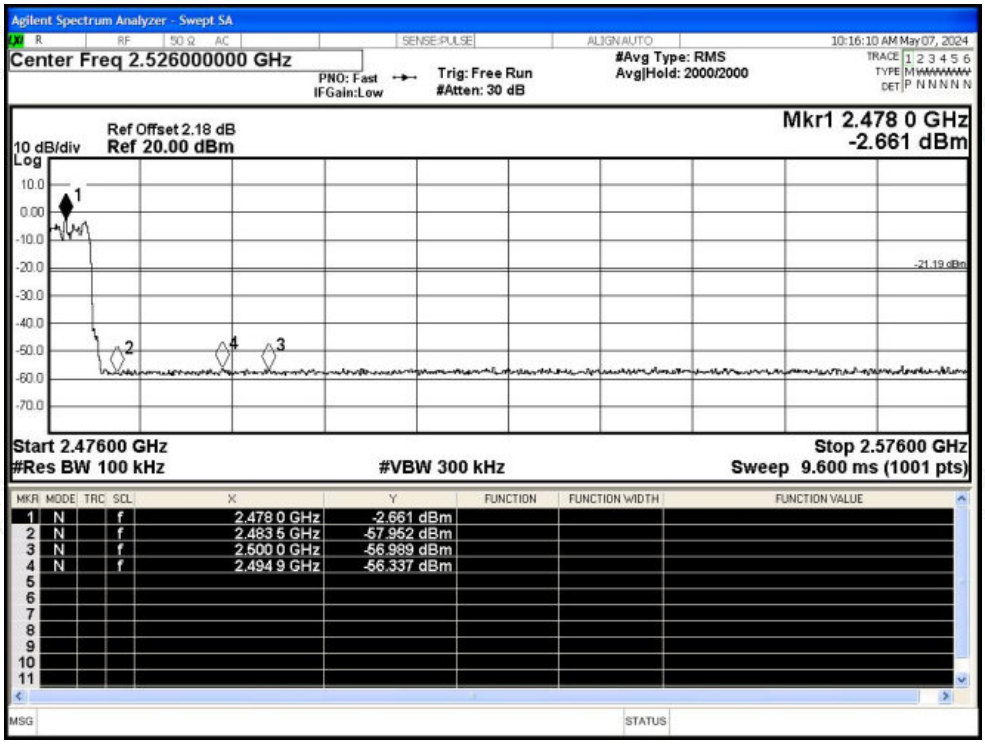
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

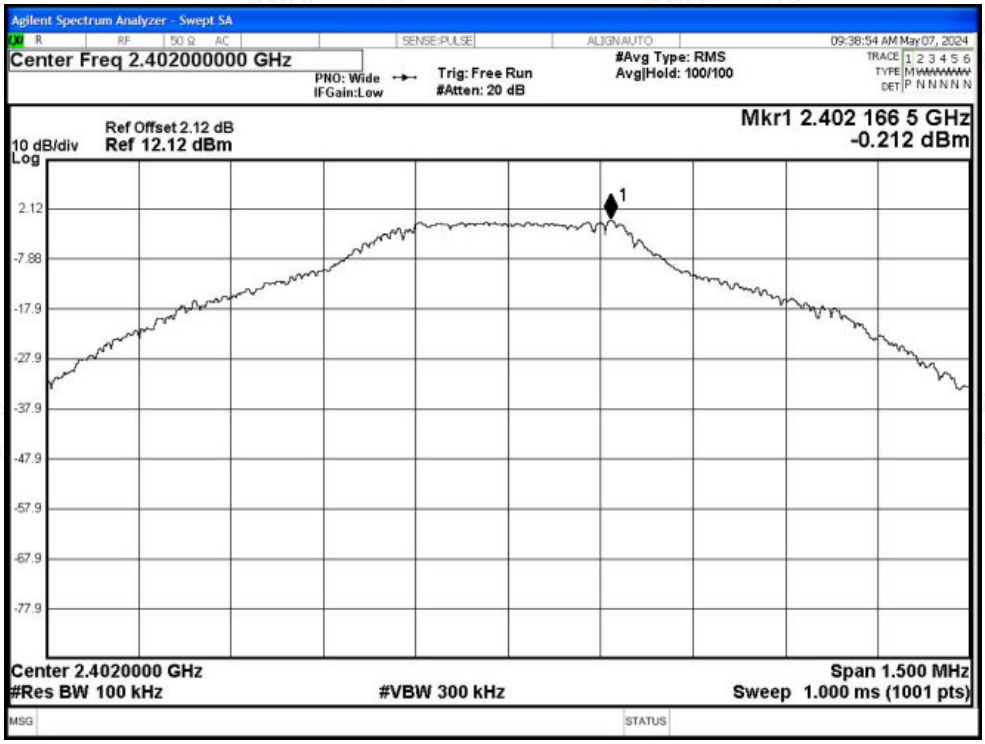


A.7 Conducted RF Spurious Emission

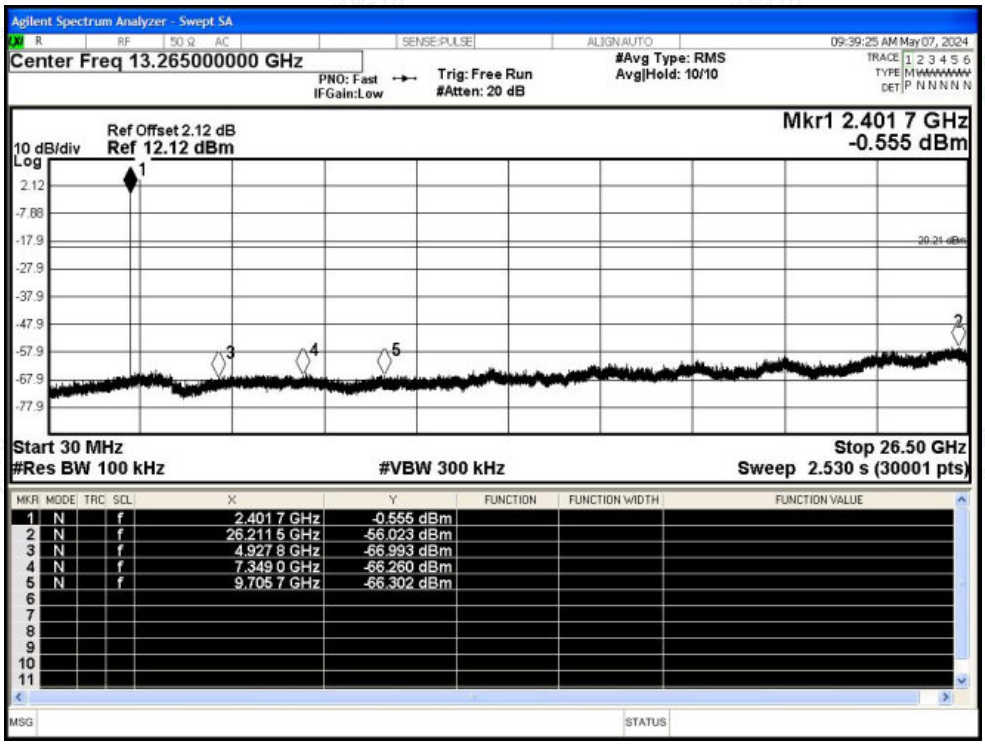
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-55.81	-20	Pass
NVNT	1-DH5	2441	Ant1	-56.13	-20	Pass
NVNT	1-DH5	2480	Ant1	-55.33	-20	Pass
NVNT	2-DH5	2402	Ant1	-53.12	-20	Pass
NVNT	2-DH5	2441	Ant1	-54.62	-20	Pass
NVNT	2-DH5	2480	Ant1	-54.63	-20	Pass
NVNT	3-DH5	2402	Ant1	-53.4	-20	Pass
NVNT	3-DH5	2441	Ant1	-54.12	-20	Pass
NVNT	3-DH5	2480	Ant1	-52.6	-20	Pass

Test Graphs

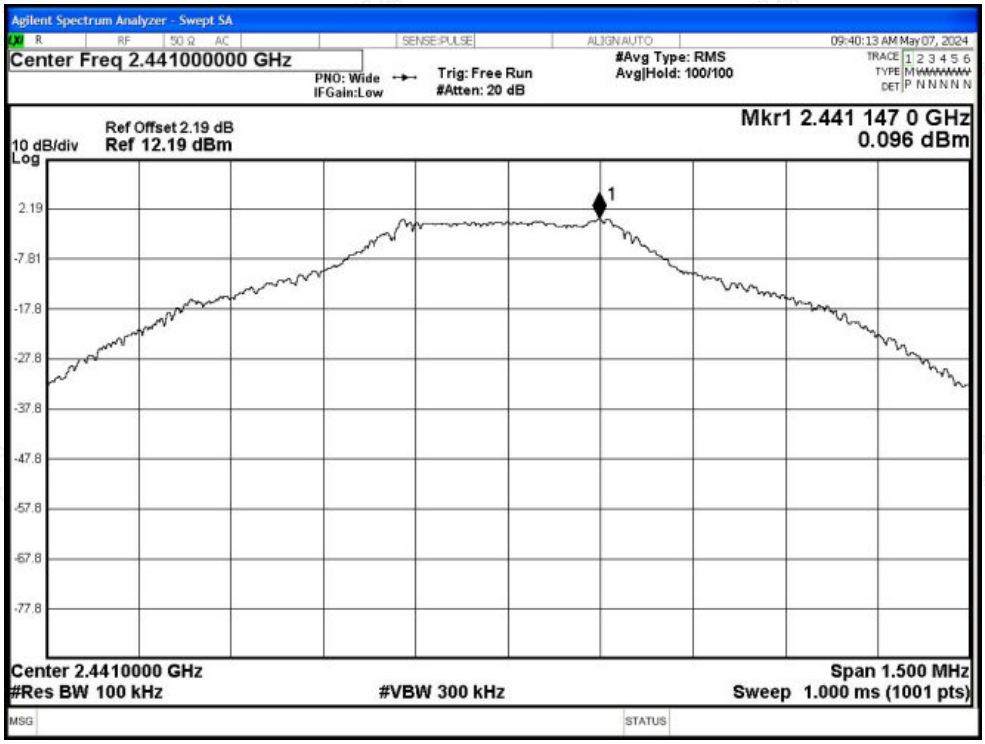
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



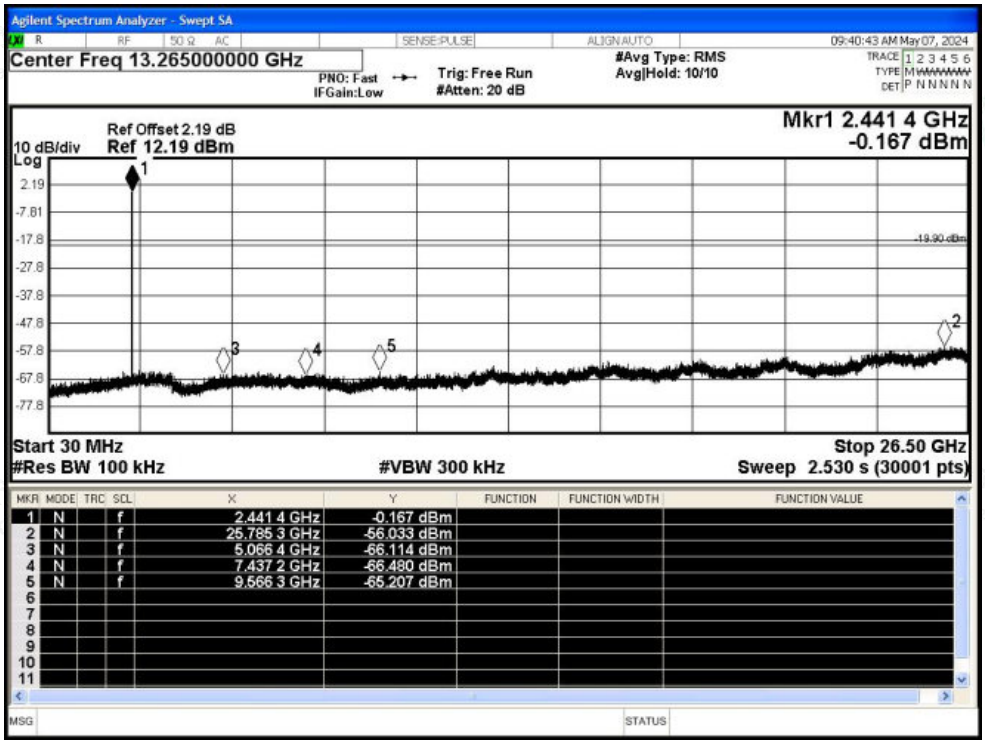
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



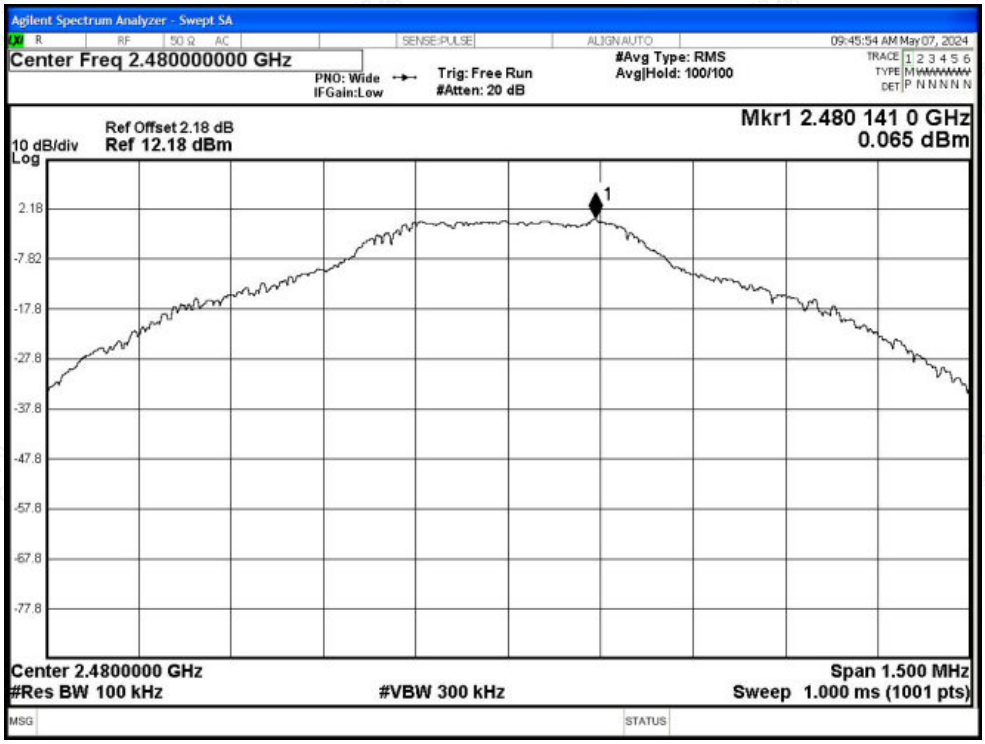
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



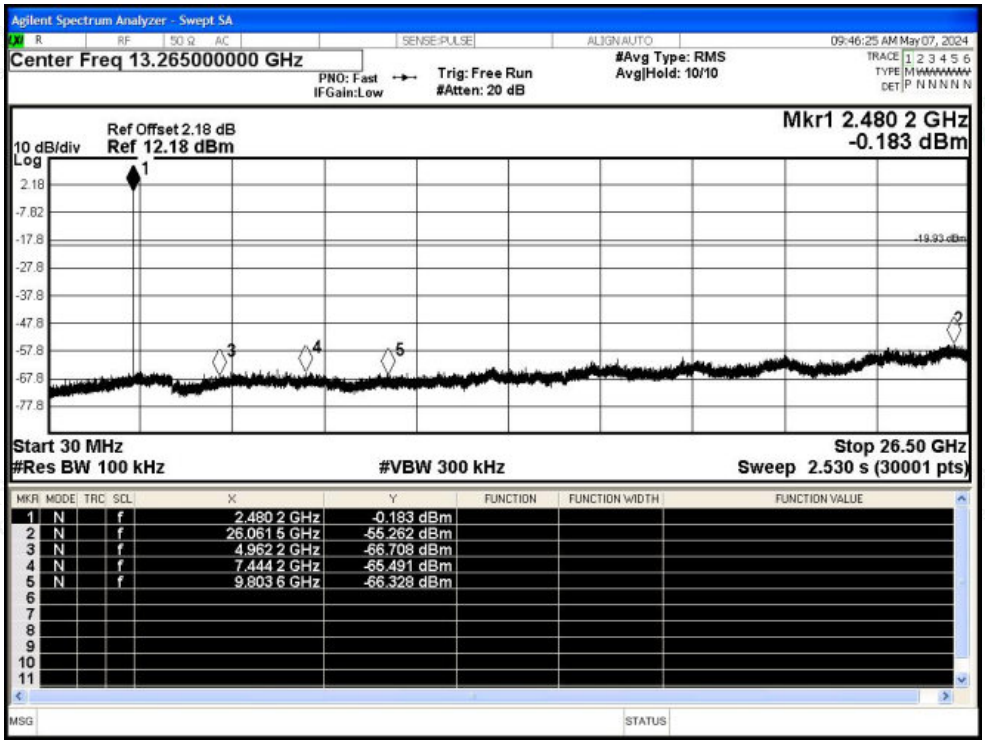
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



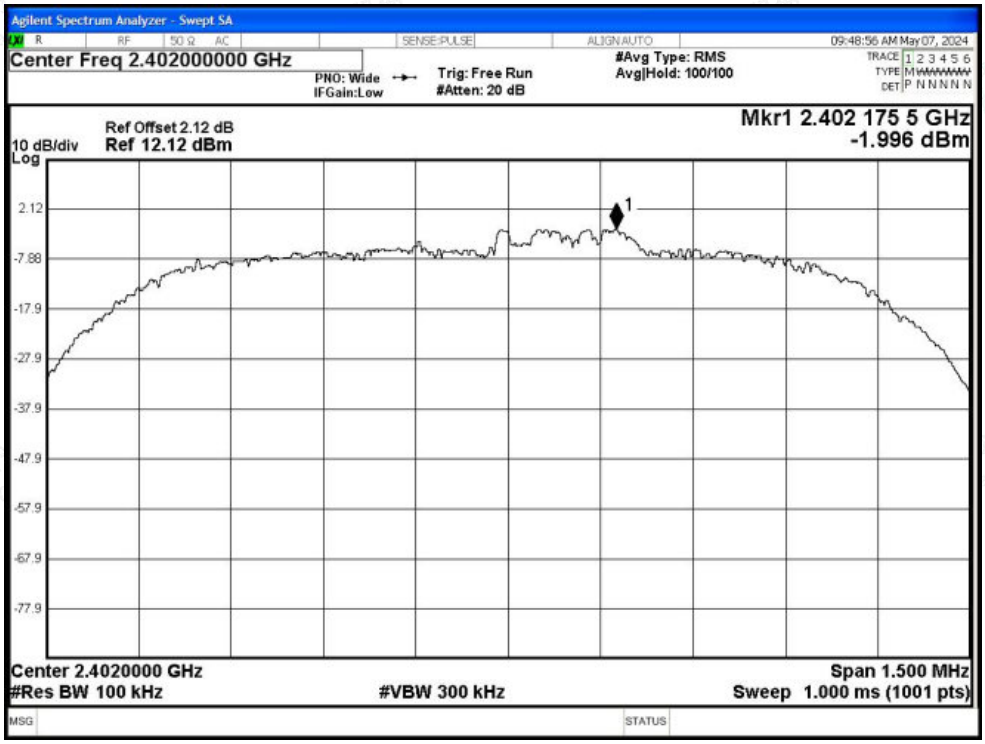
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



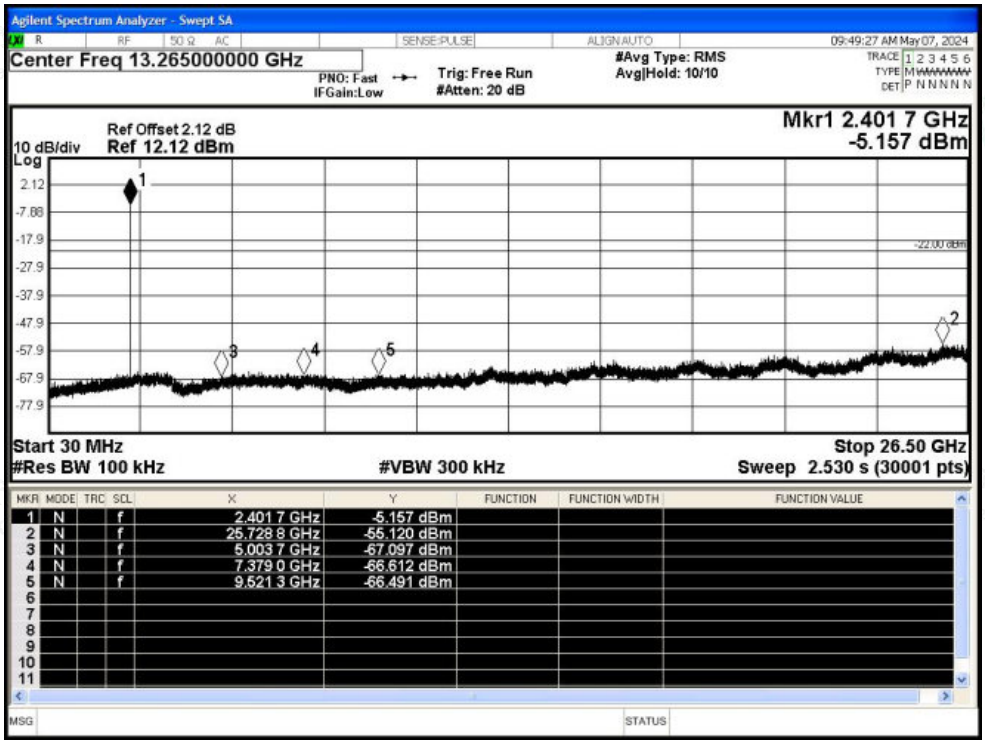
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



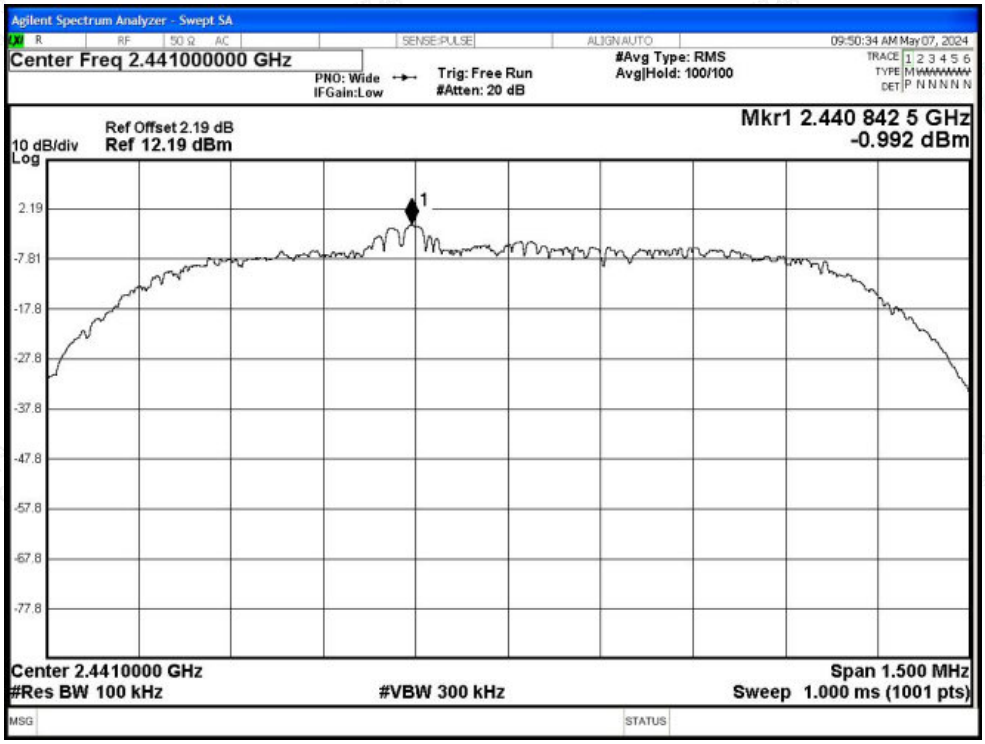
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



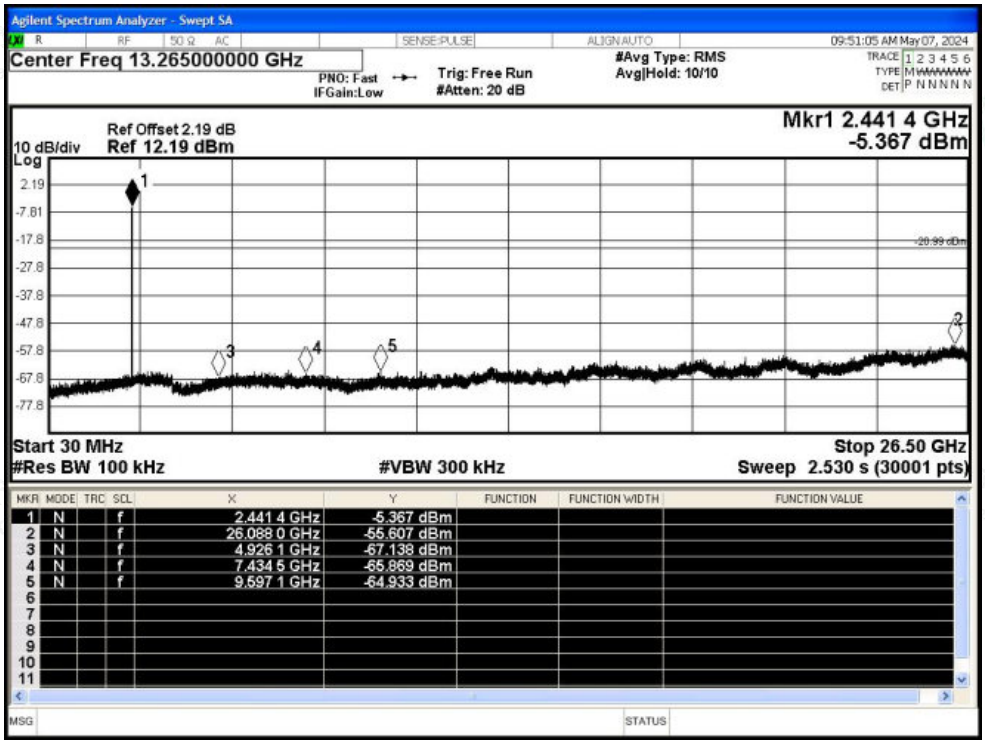
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



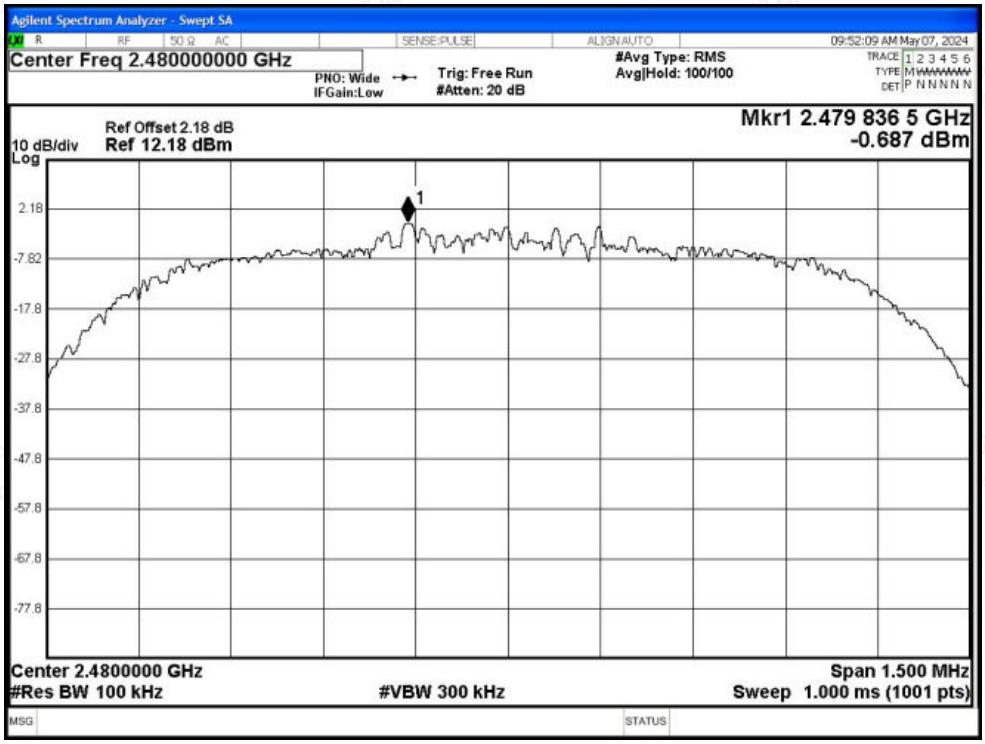
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



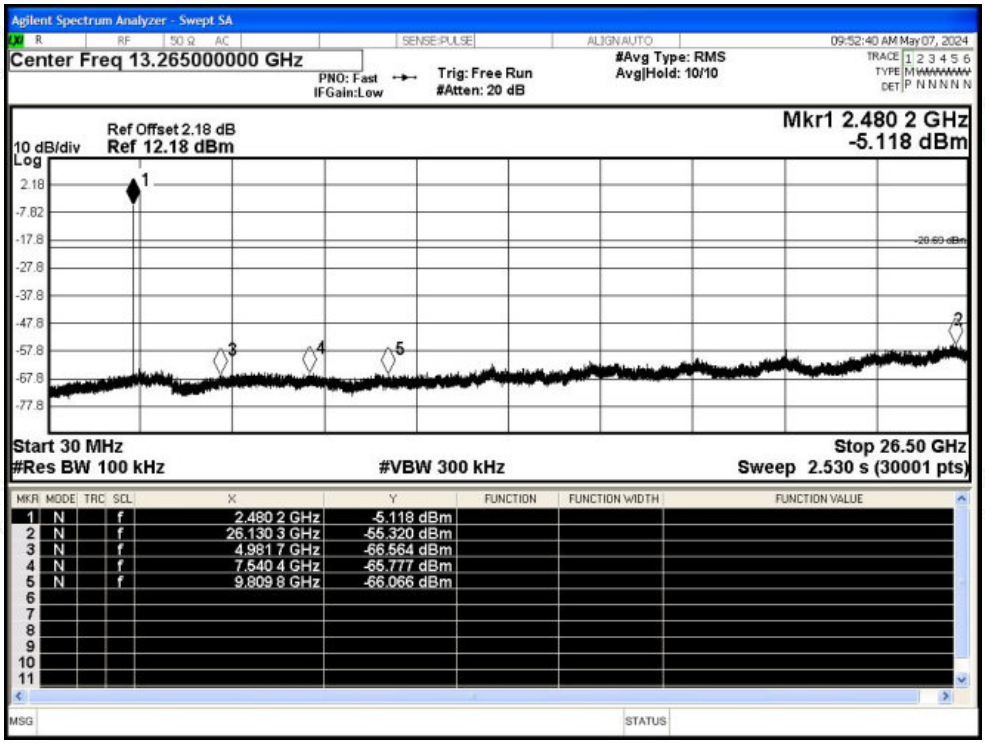
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



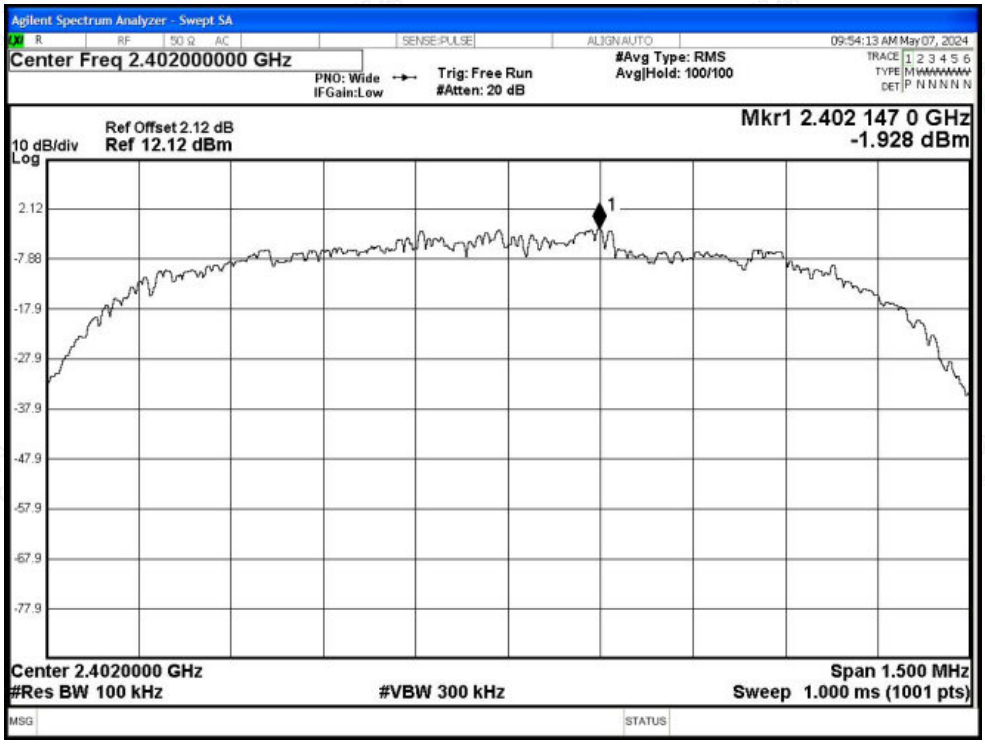
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



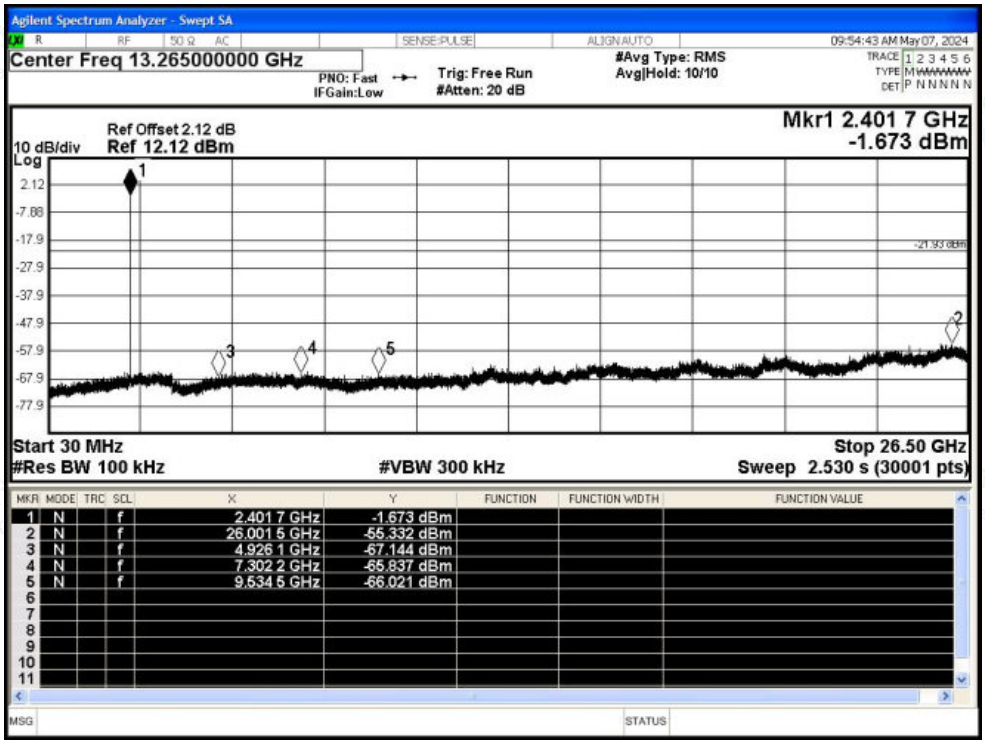
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



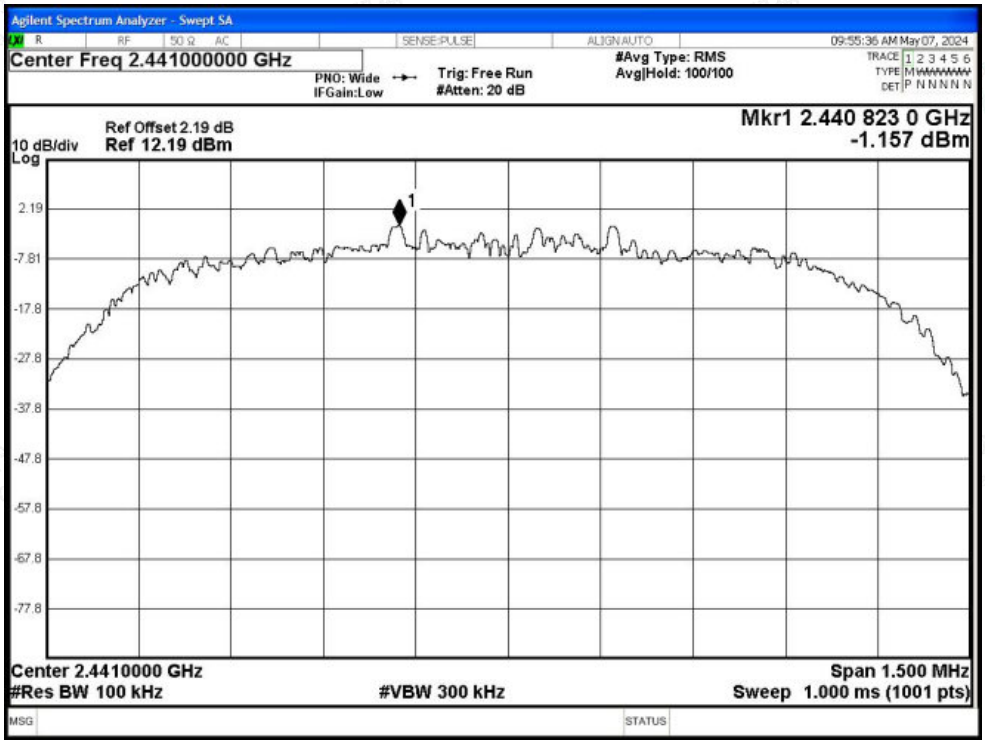
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



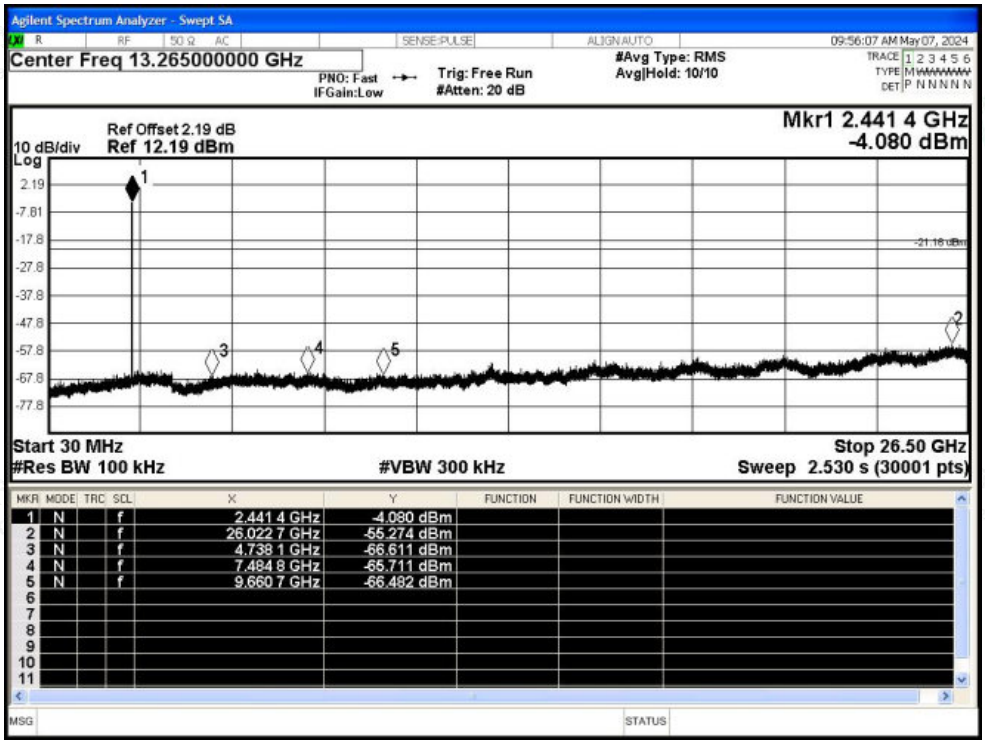
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



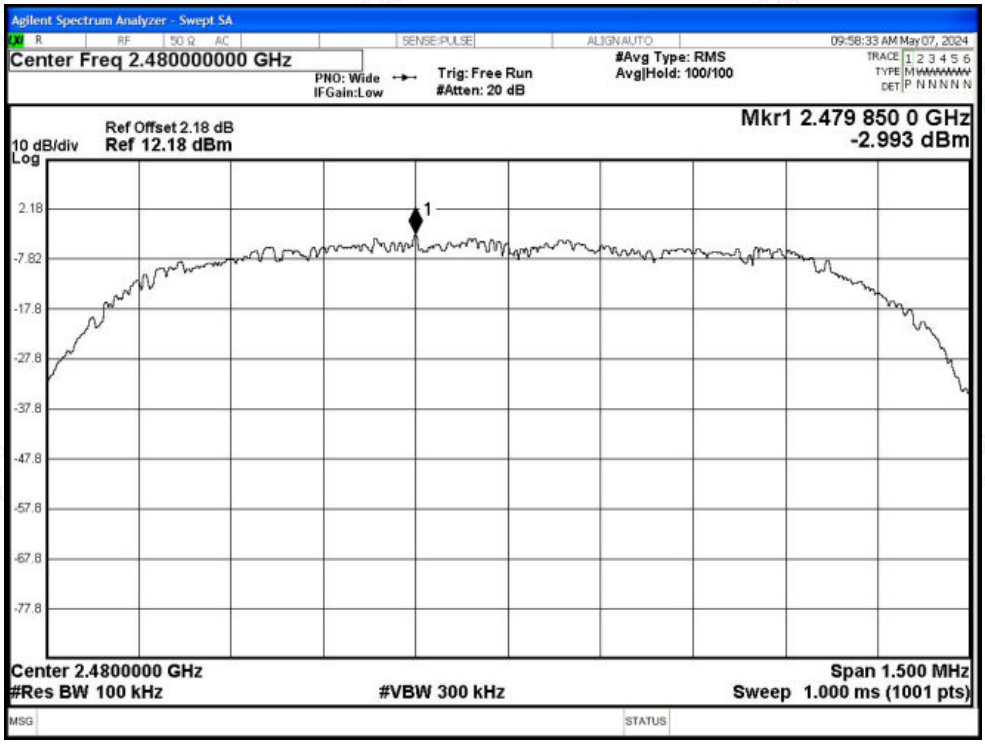
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



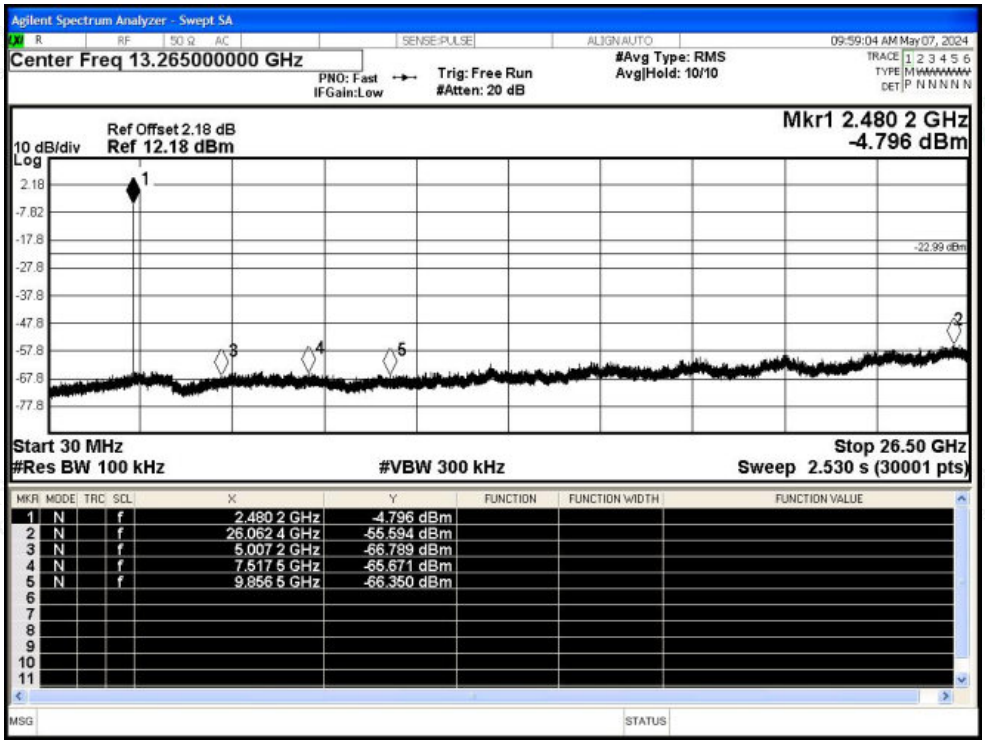
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

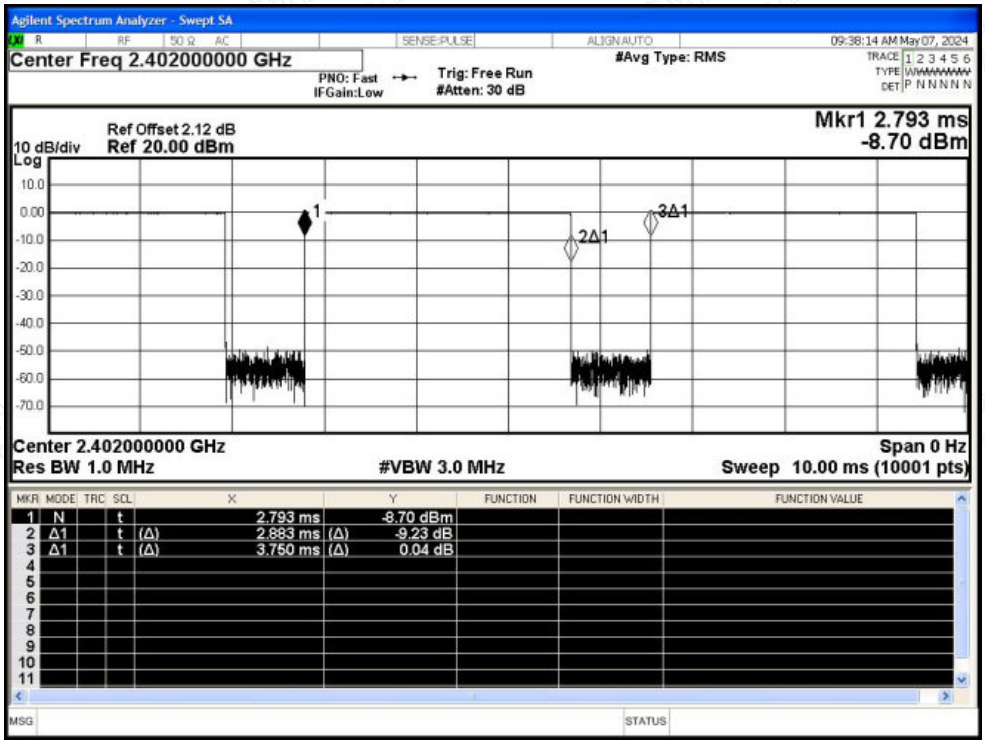


A.8 Duty Cycle

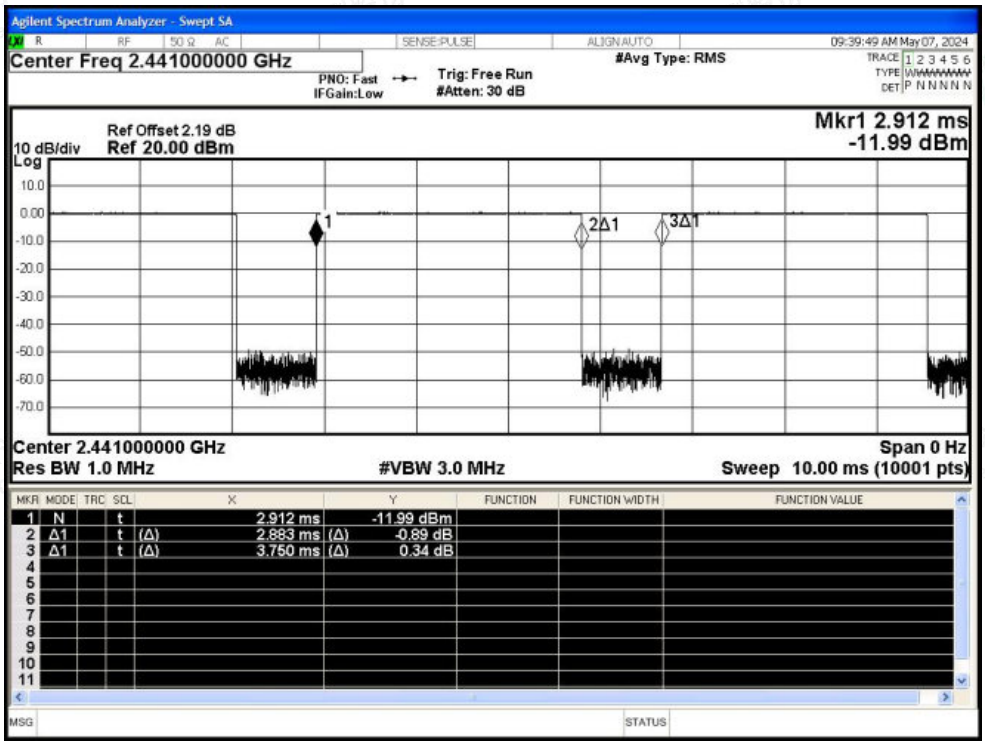
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2441	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.88	1.14	0.35
NVNT	2-DH5	2402	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2441	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2480	Ant1	76.96	1.14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

Test Graphs

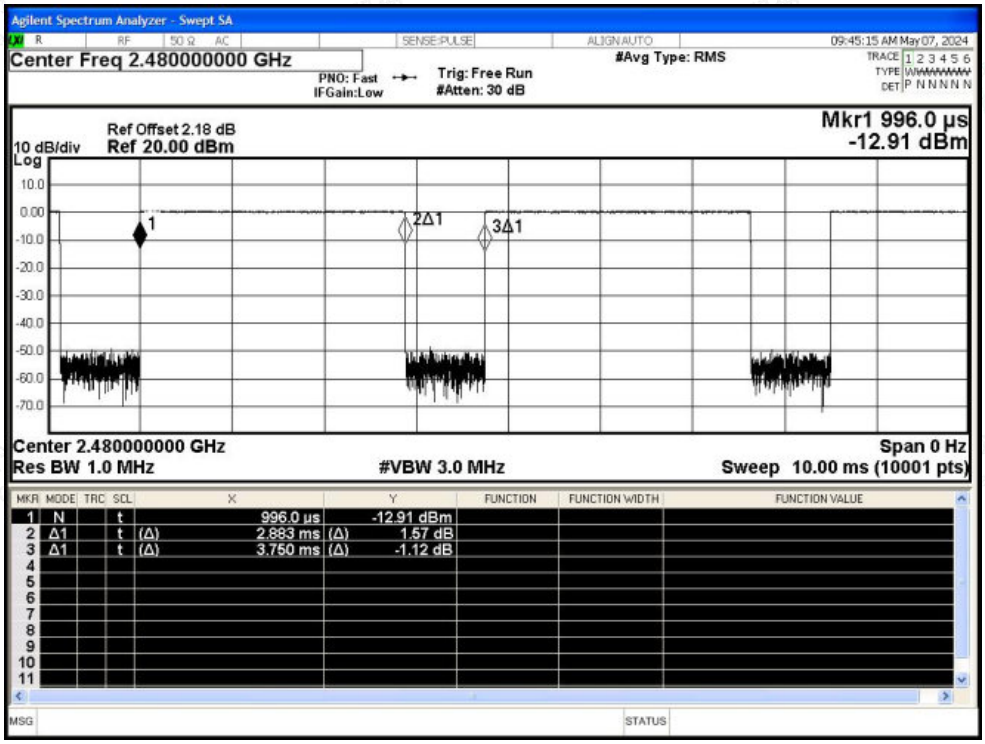
Duty Cycle NVNT 1-DH5 2402MHz Ant1



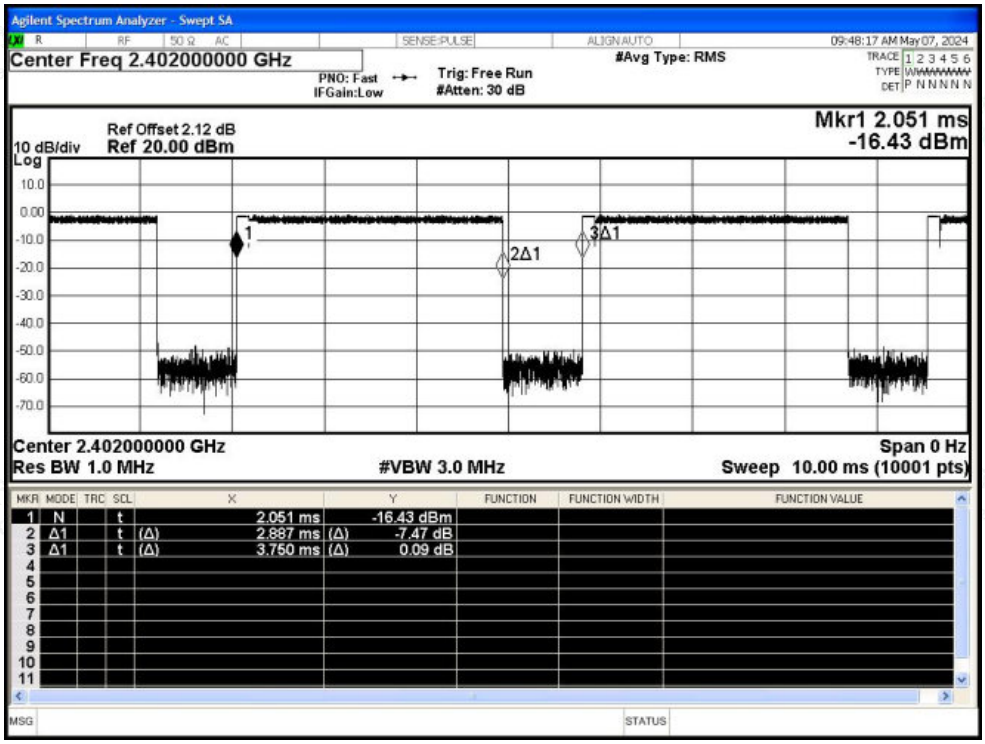
Duty Cycle NVNT 1-DH5 2441MHz Ant1



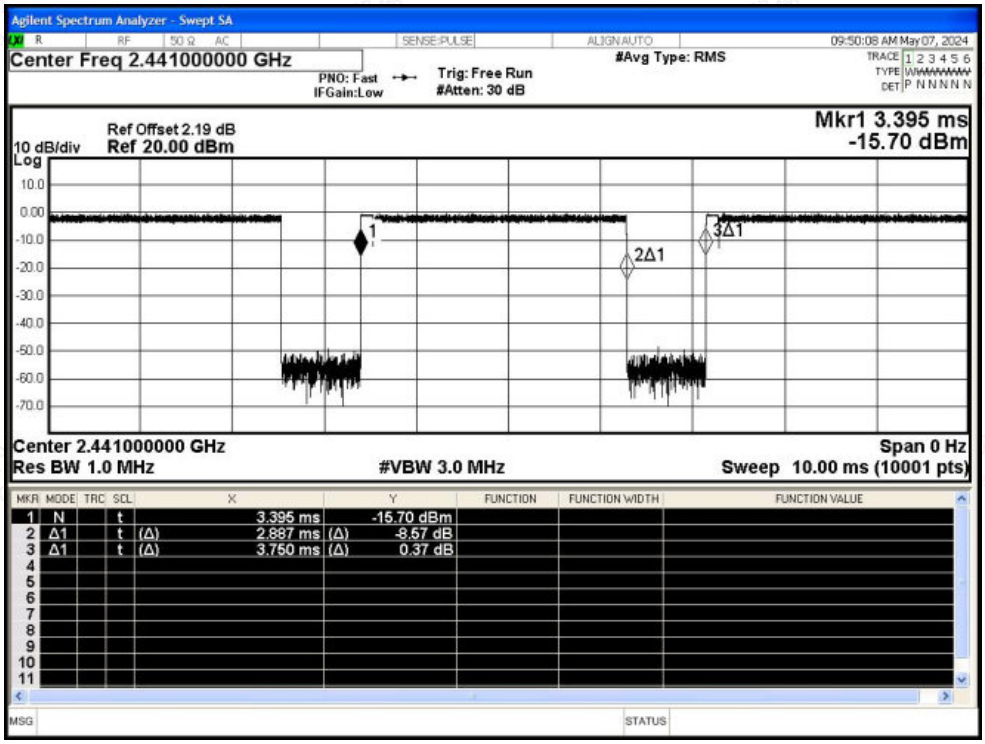
Duty Cycle NVNT 1-DH5 2480MHz Ant1



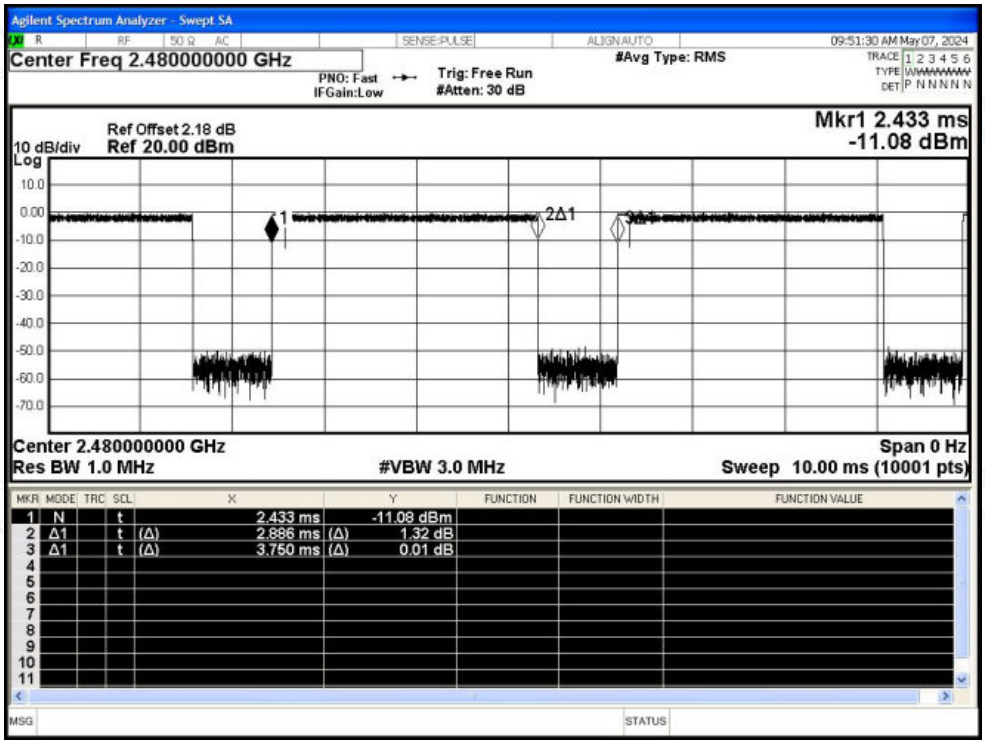
Duty Cycle NVNT 2-DH5 2402MHz Ant1



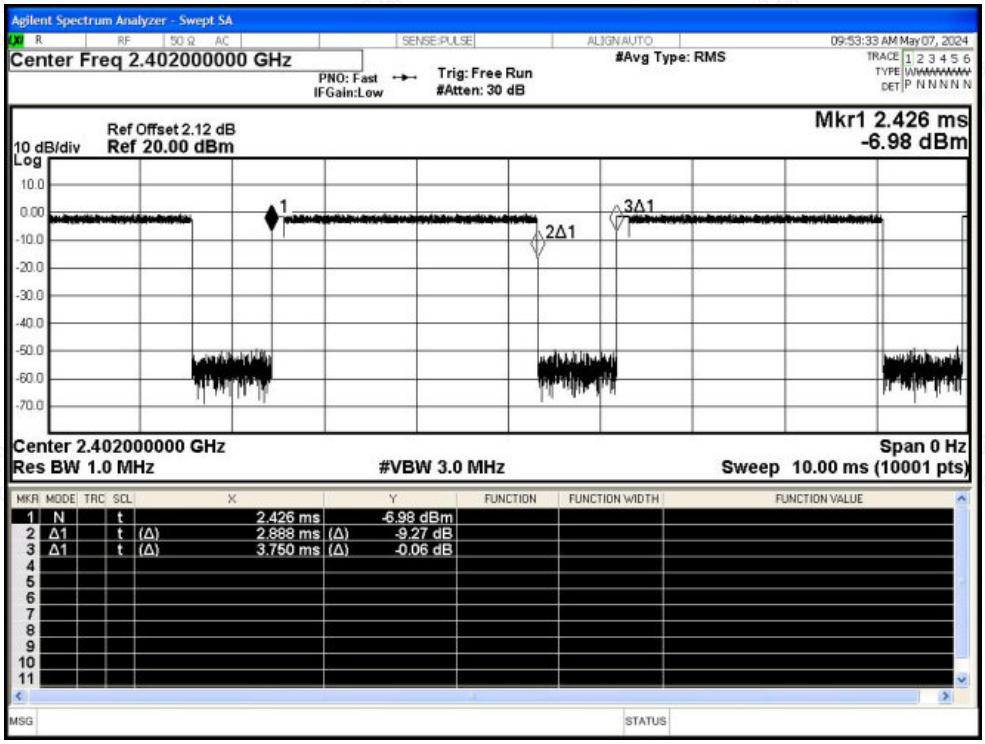
Duty Cycle NVNT 2-DH5 2441MHz Ant1



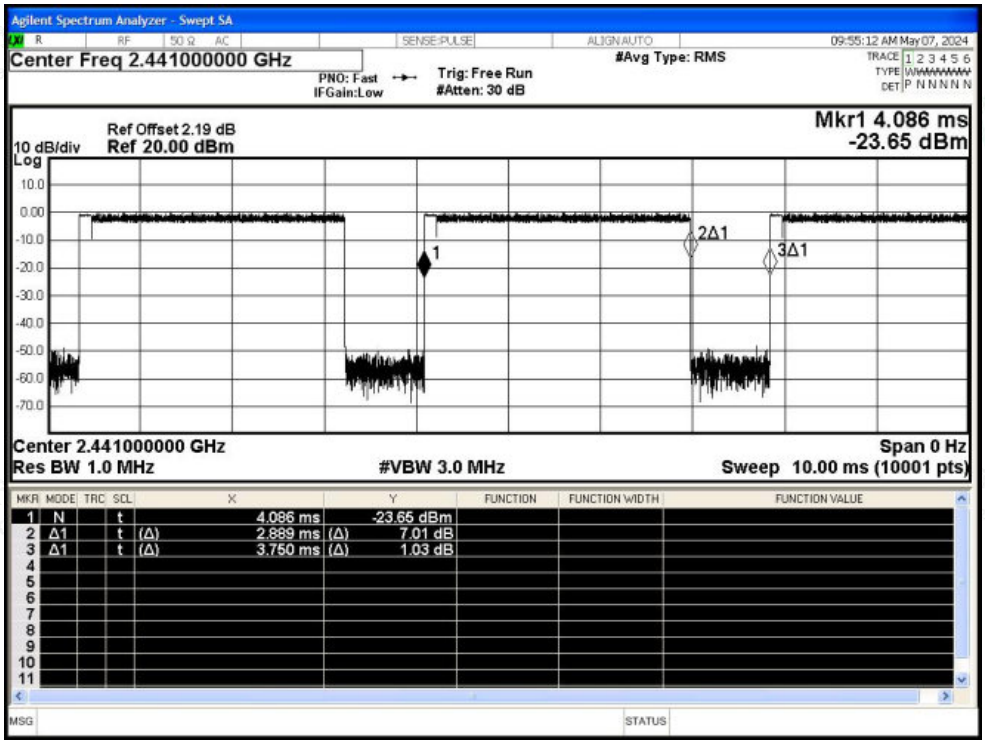
Duty Cycle NVNT 2-DH5 2480MHz Ant1



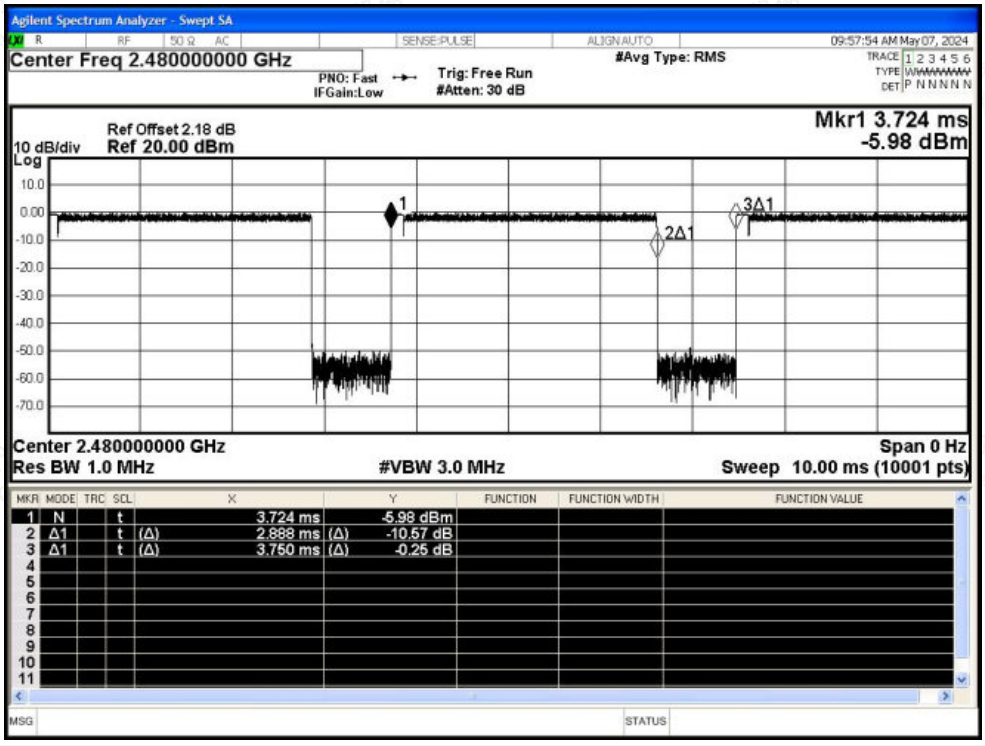
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

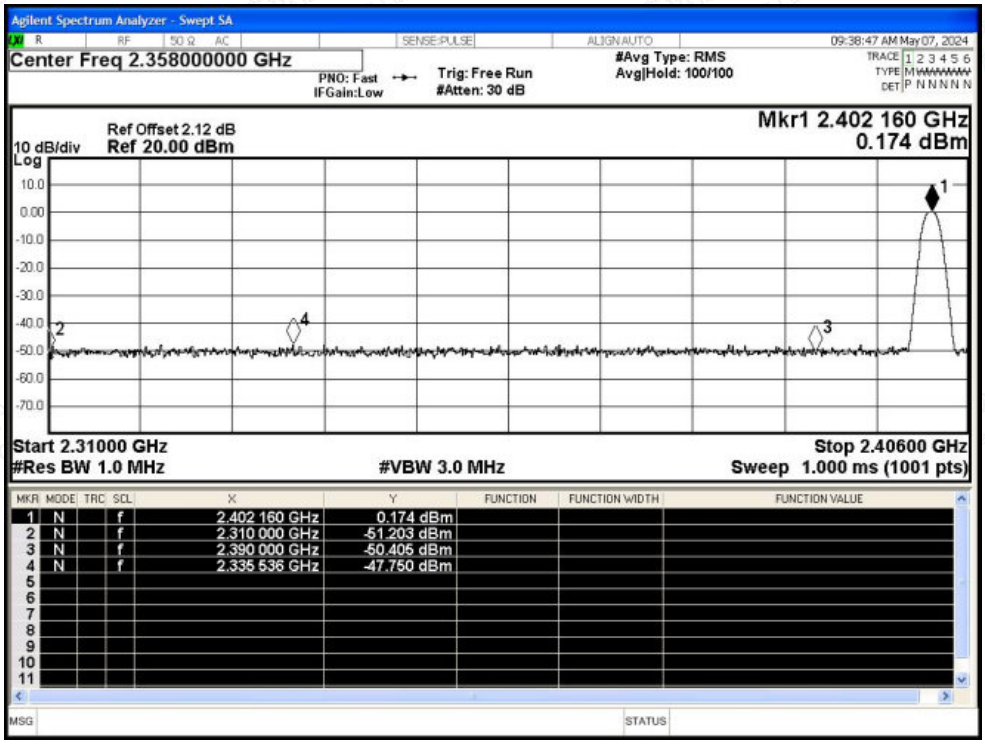


A.9 Restrict Band

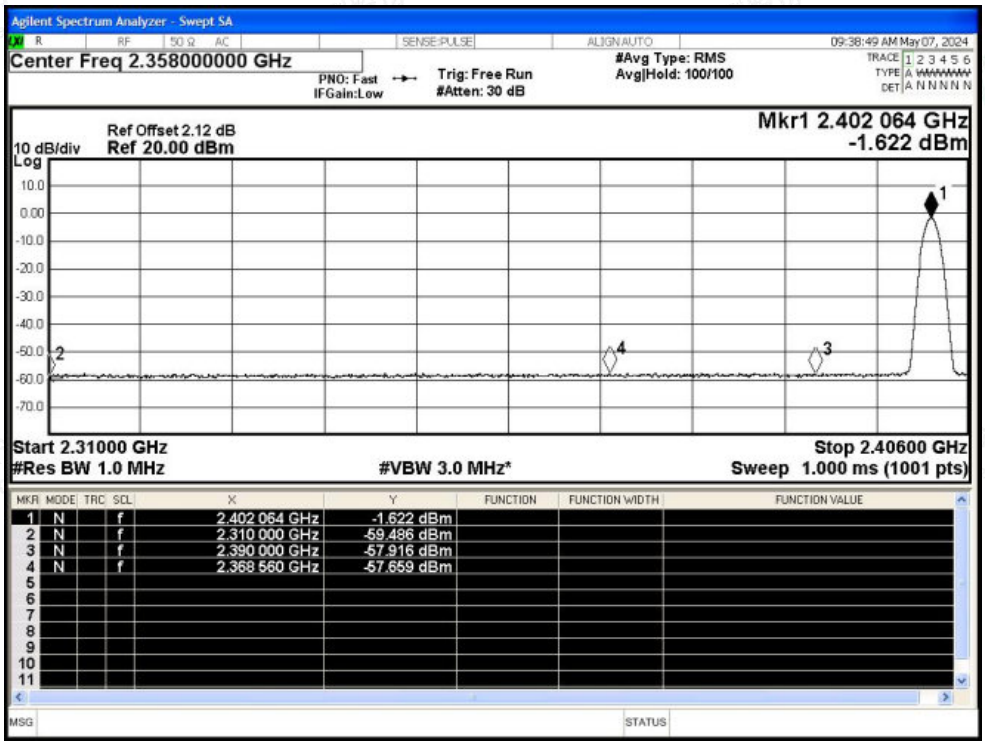
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-51.2	4.13	-	48.19	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-59.49	4.13	1.14	41.04	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2335.536	-47.75	4.13	-	51.64	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2368.56	-57.66	4.13	1.14	42.87	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.41	4.13	-	48.98	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-57.92	4.13	1.14	42.61	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-49.41	4.13	-	49.98	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-58.01	4.13	1.14	42.52	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2498.176	-46.72	4.13	-	52.67	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2497.432	-57.1	4.13	1.14	43.43	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-48.42	4.13	-	50.97	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-57.79	4.13	1.14	42.74	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.63	4.13	-	48.76	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.9	4.13	1.14	41.63	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2376.912	-47.48	4.13	-	51.91	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2386.704	-57.89	4.13	1.14	42.64	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.27	4.13	-	49.12	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.19	4.13	1.14	42.34	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-50.49	4.13	-	48.90	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-58.11	4.13	1.14	42.42	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2490.712	-47.43	4.13	-	51.96	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2487.184	-57.21	4.13	1.14	43.32	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-50.07	4.13	-	49.32	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-58.2	4.13	1.14	42.33	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-51.42	4.13	-	47.97	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.75	4.13	1.13	41.77	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2388.144	-46.84	4.13	-	52.55	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2374.416	-57.67	4.13	1.13	42.85	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.26	4.13	-	50.13	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.47	4.13	1.13	42.05	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-48.63	4.13	-	50.76	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-58.14	4.13	1.13	42.38	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2497.672	-47.6	4.13	-	51.79	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2494.024	-57.25	4.13	1.13	43.27	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.92	4.13	-	49.47	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.88	4.13	1.13	42.64	Average	54	Pass

Test Graphs

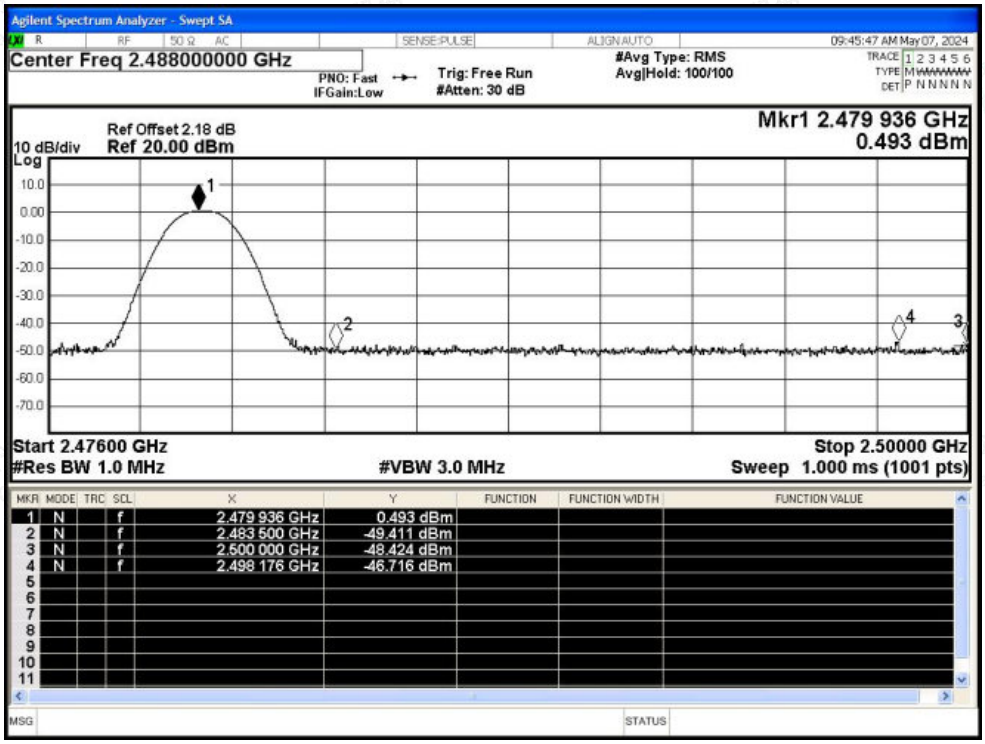
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



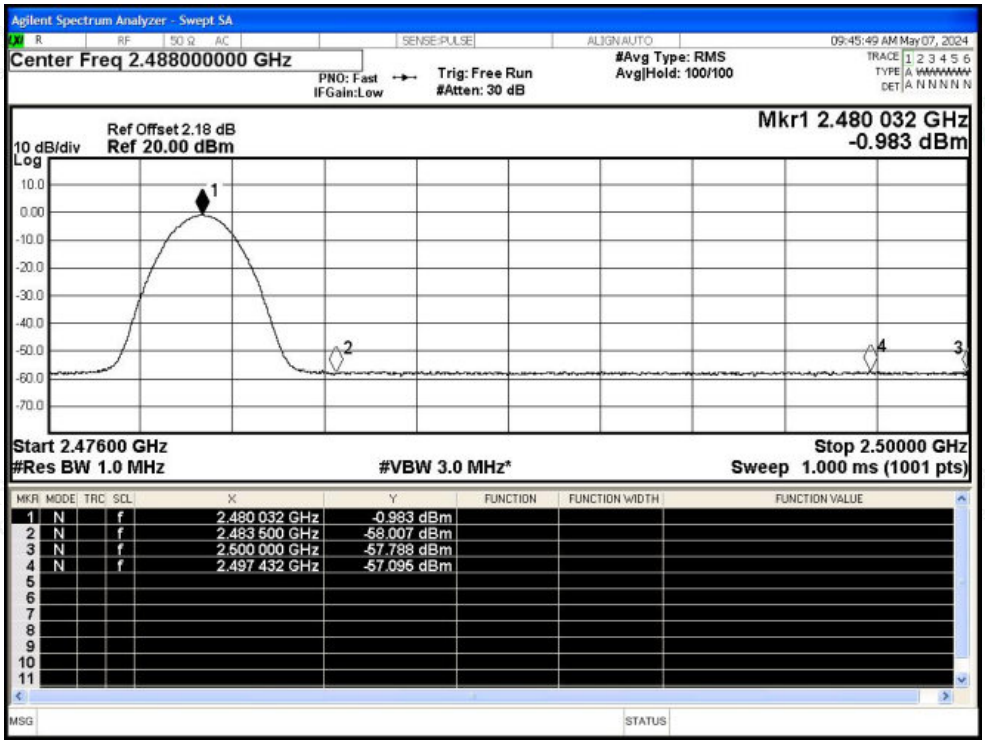
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



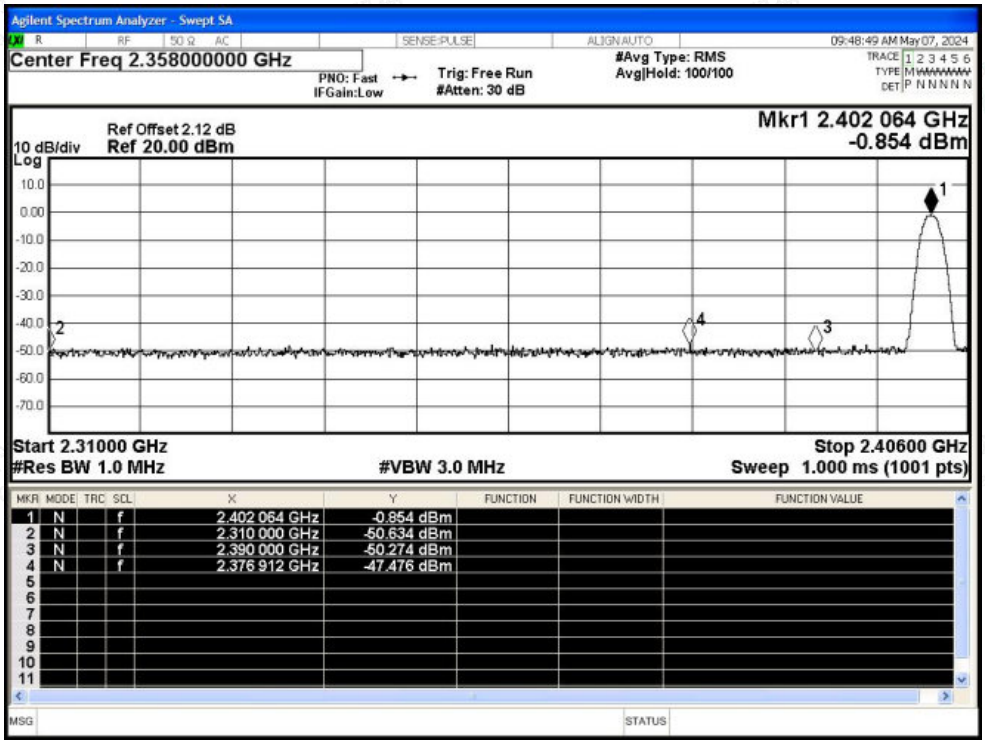
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



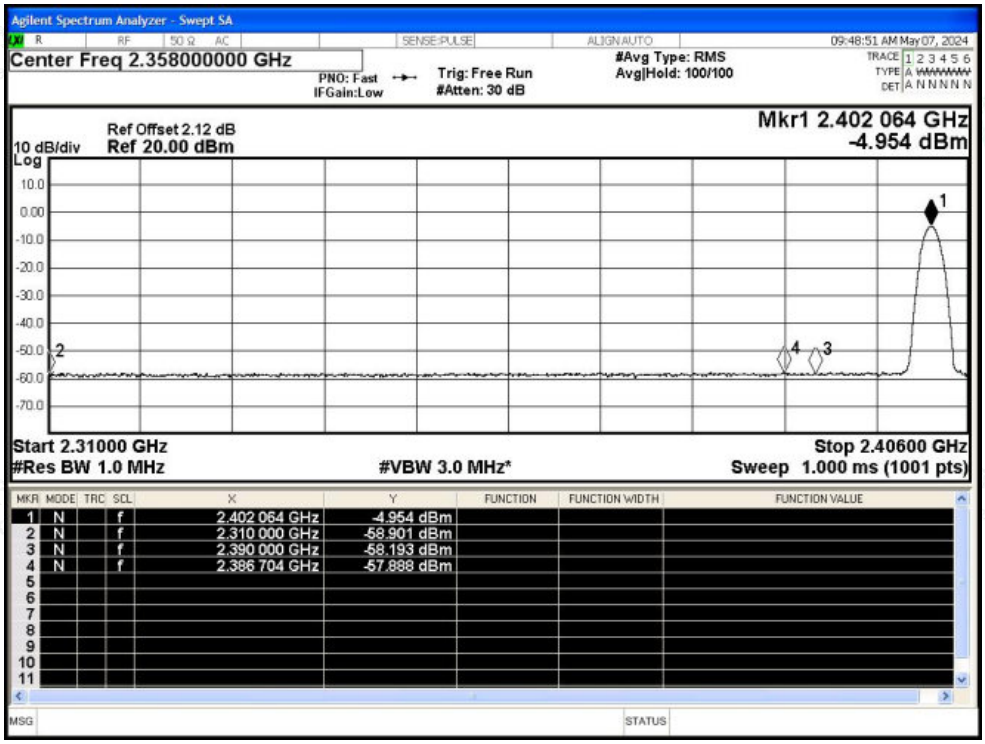
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



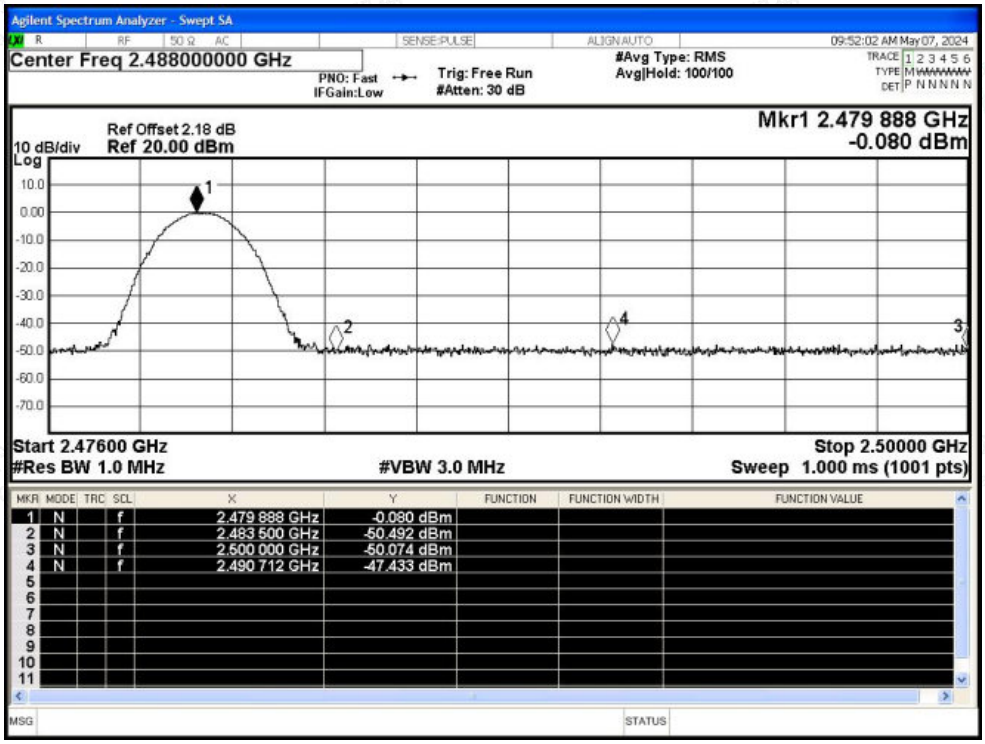
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



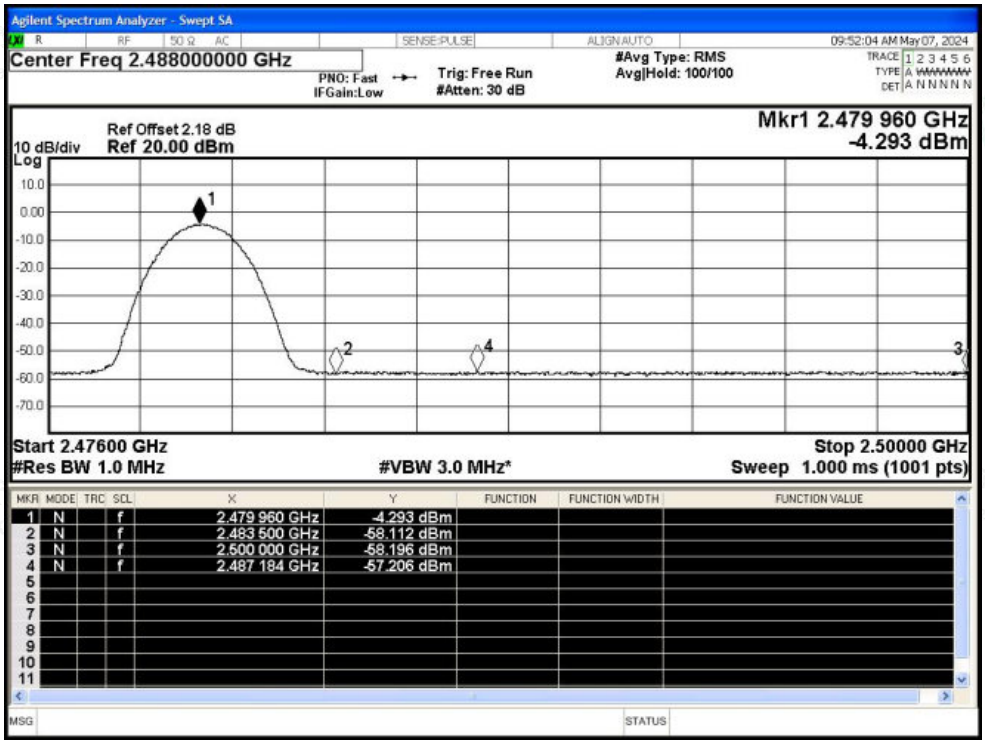
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



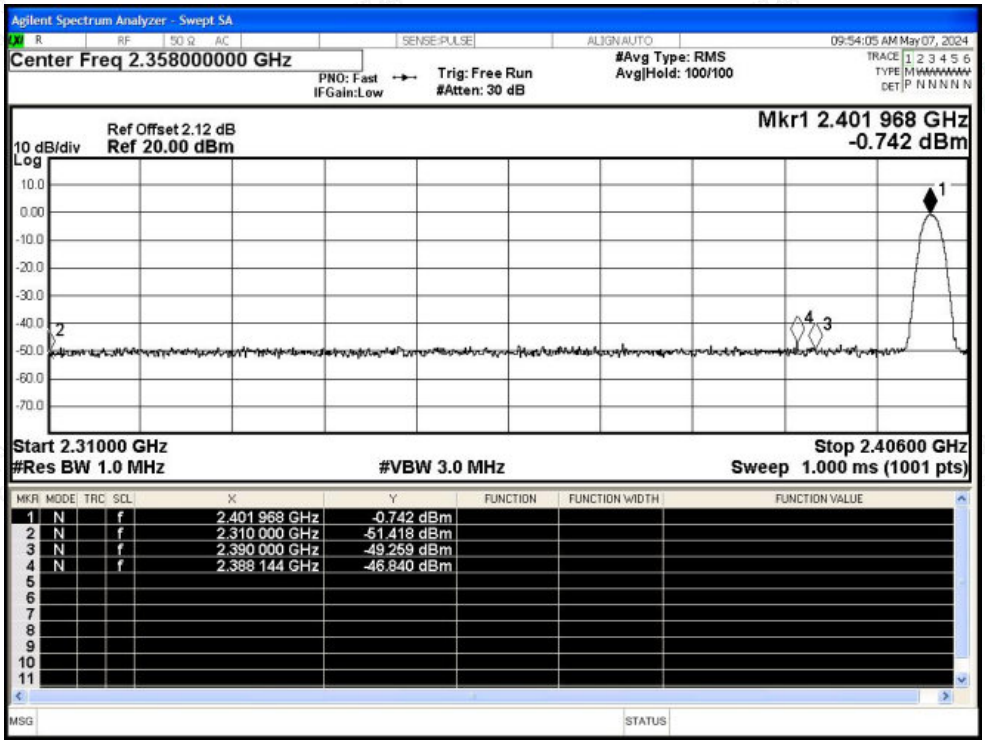
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



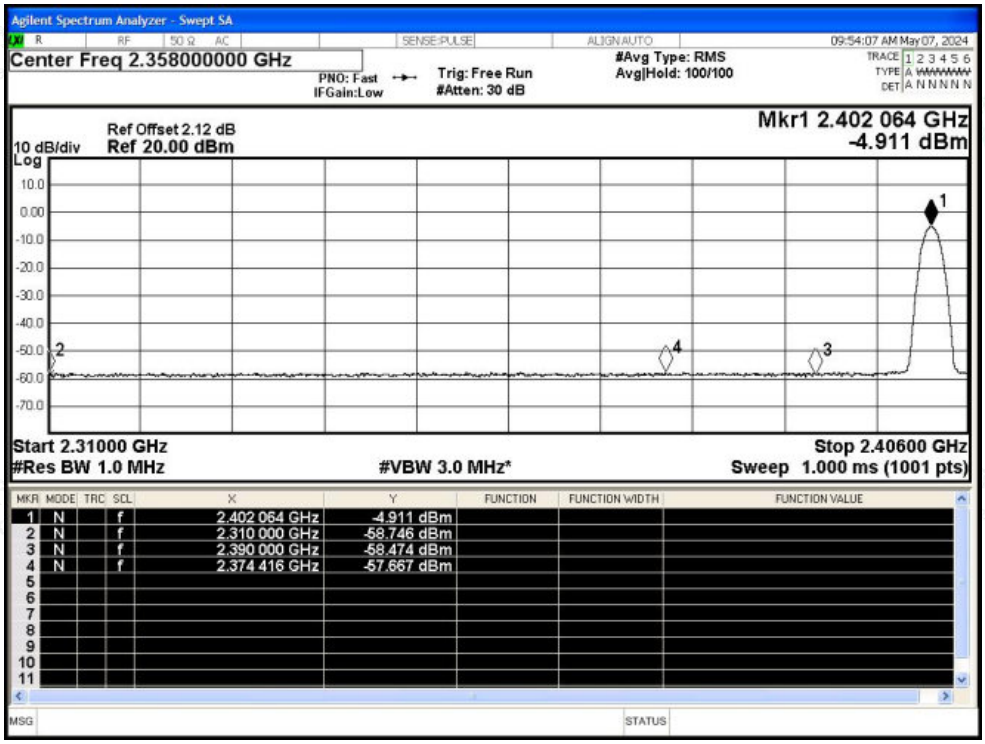
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



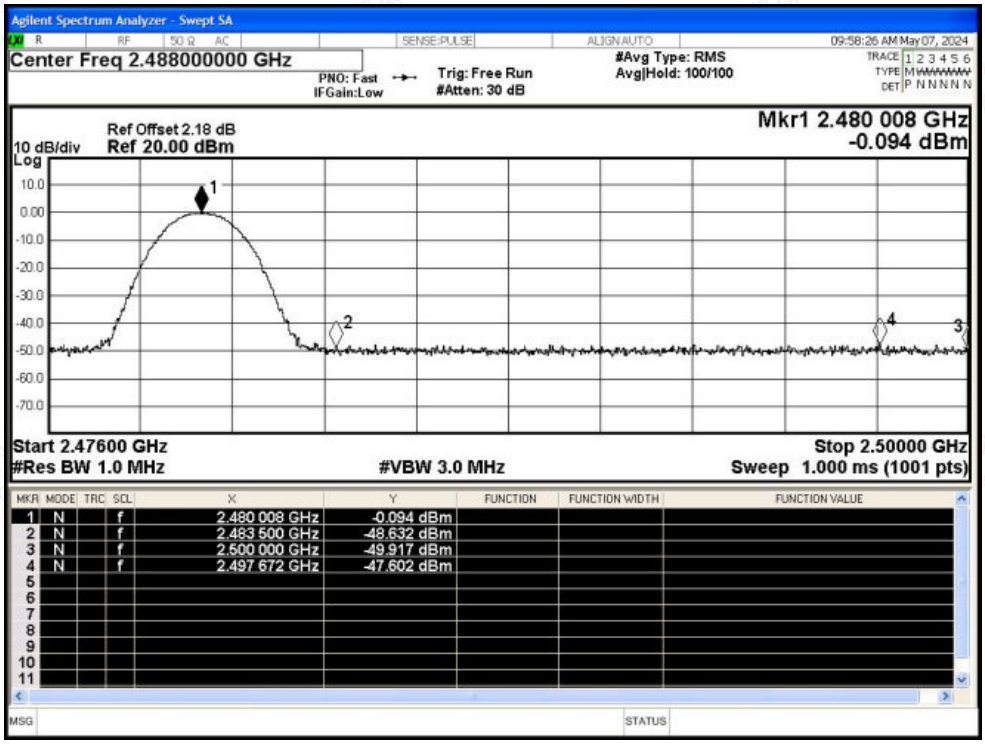
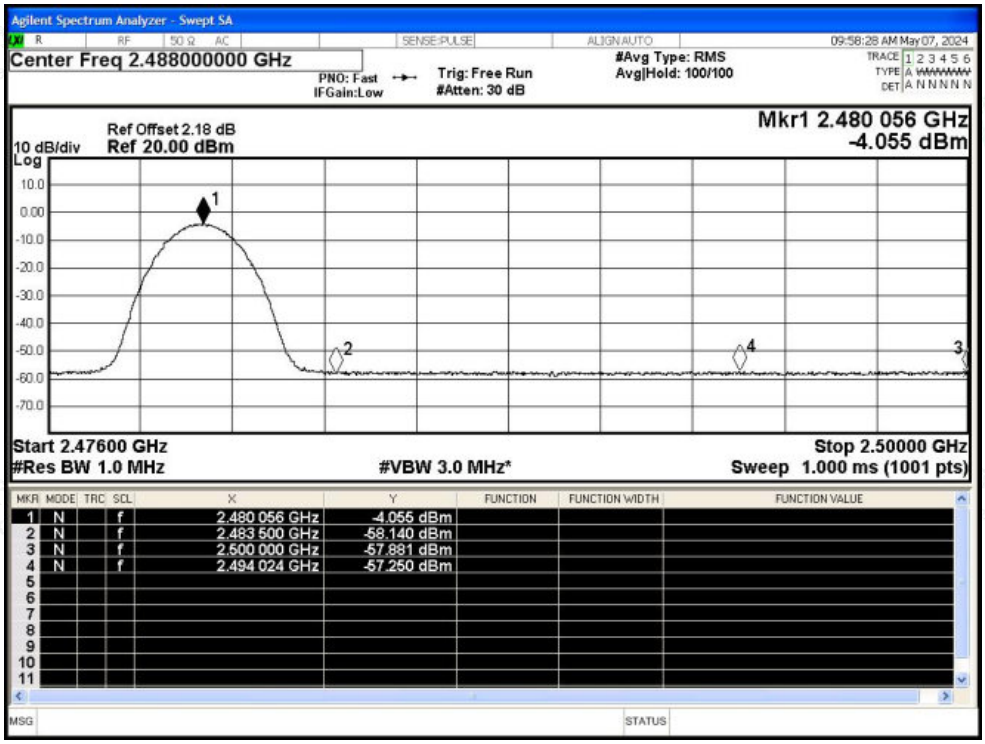
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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