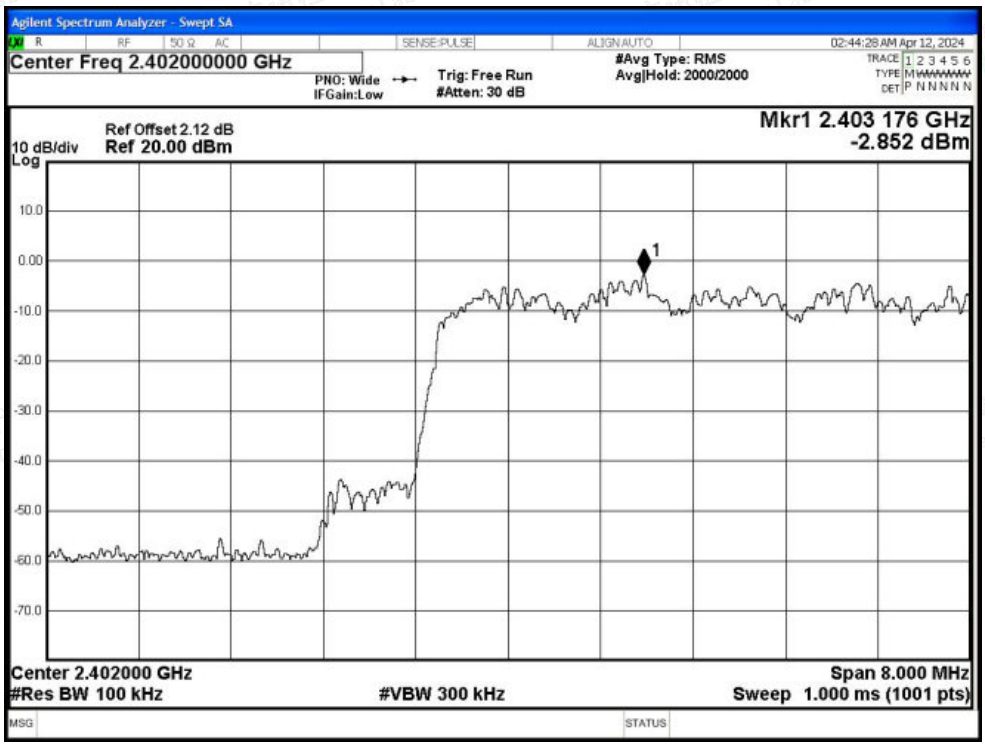
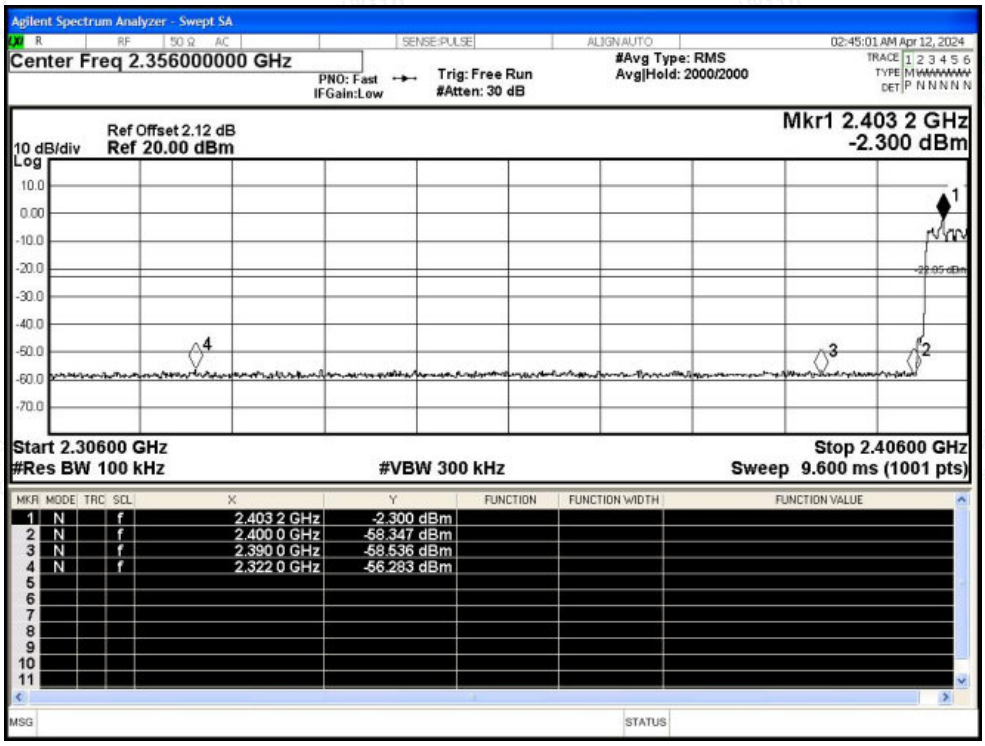
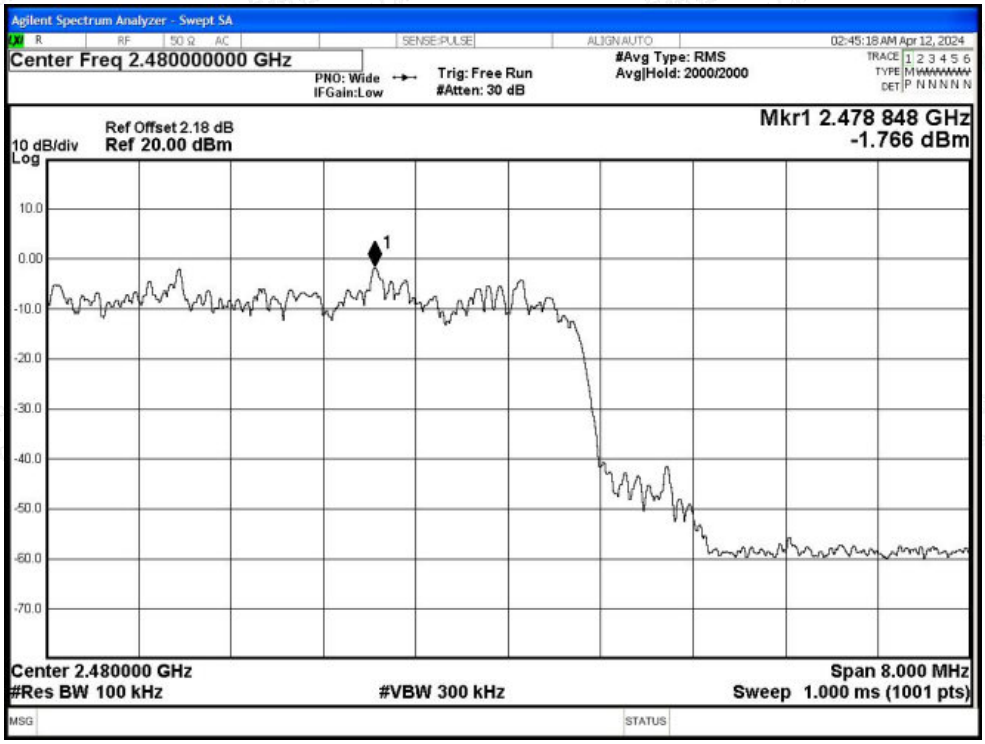
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



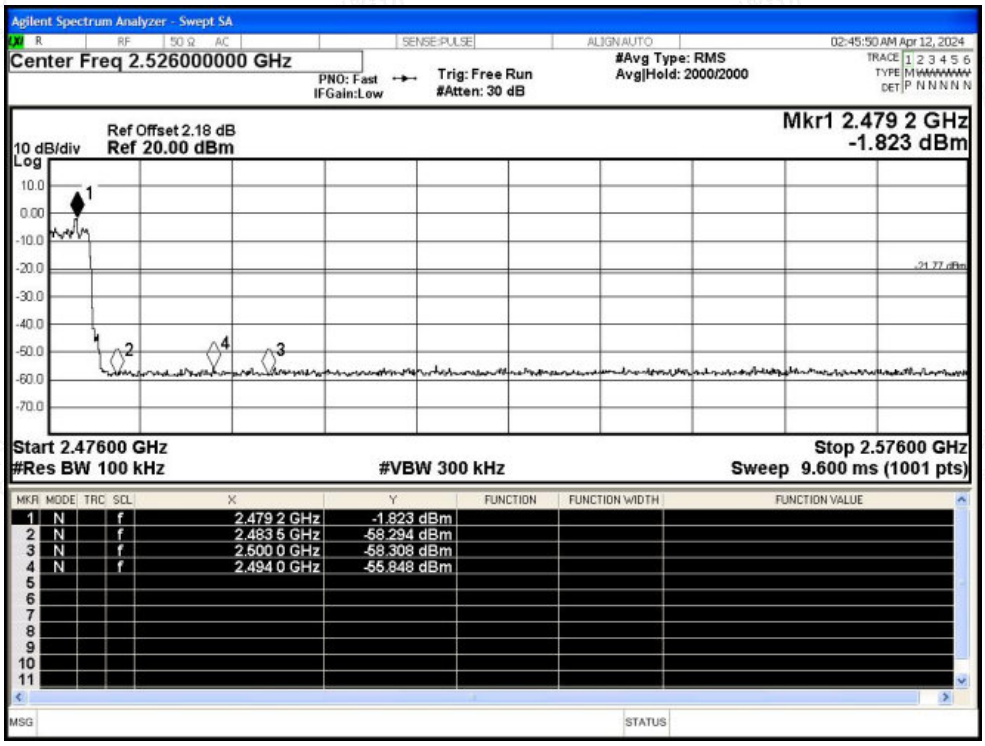
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

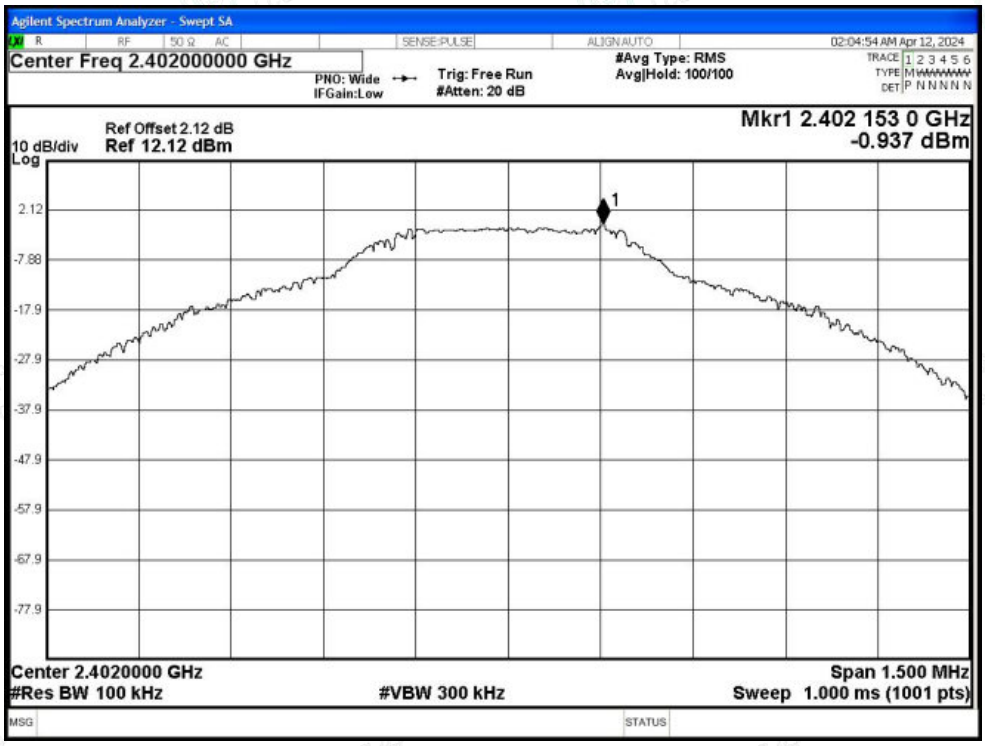


A.7 Conducted RF Spurious Emission

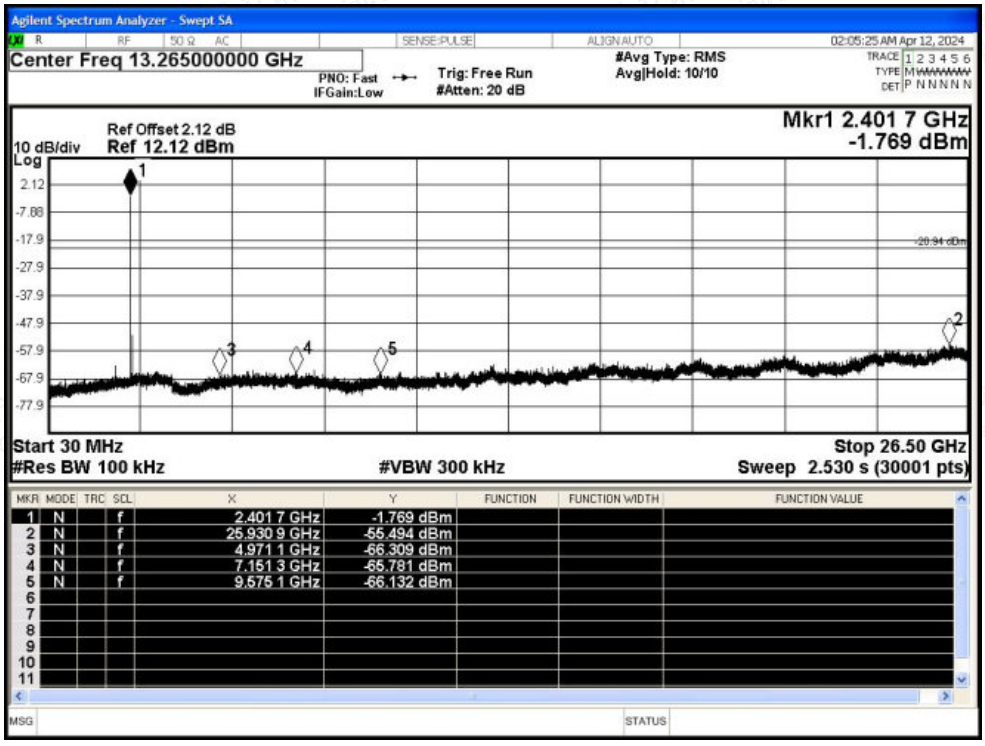
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.56	-20	Pass
NVNT	1-DH5	2441	Ant1	-54.16	-20	Pass
NVNT	1-DH5	2480	Ant1	-54.61	-20	Pass
NVNT	2-DH5	2402	Ant1	-53.29	-20	Pass
NVNT	2-DH5	2441	Ant1	-53.32	-20	Pass
NVNT	2-DH5	2480	Ant1	-52.6	-20	Pass
NVNT	3-DH5	2402	Ant1	-48.16	-20	Pass
NVNT	3-DH5	2441	Ant1	-52.04	-20	Pass
NVNT	3-DH5	2480	Ant1	-53.69	-20	Pass

Test Graphs

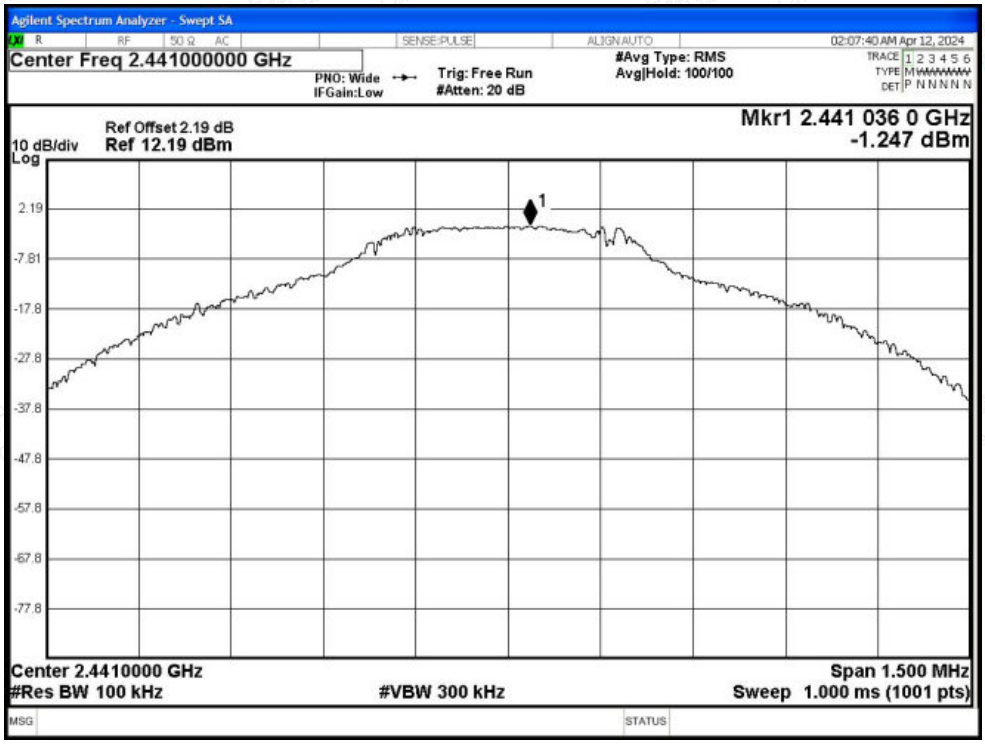
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



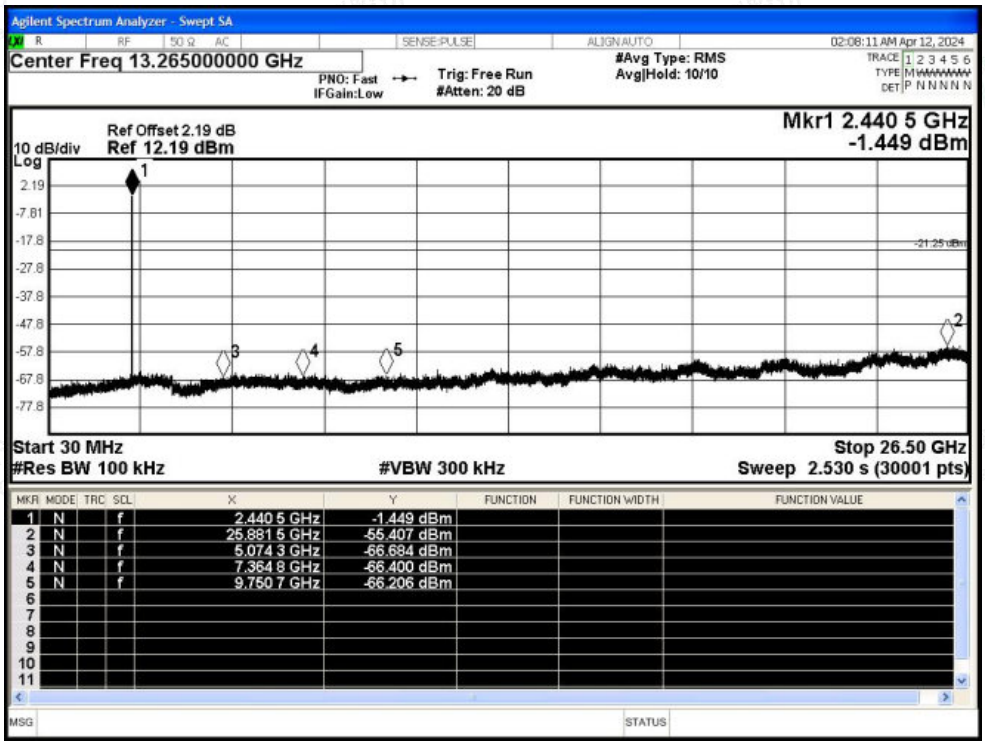
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



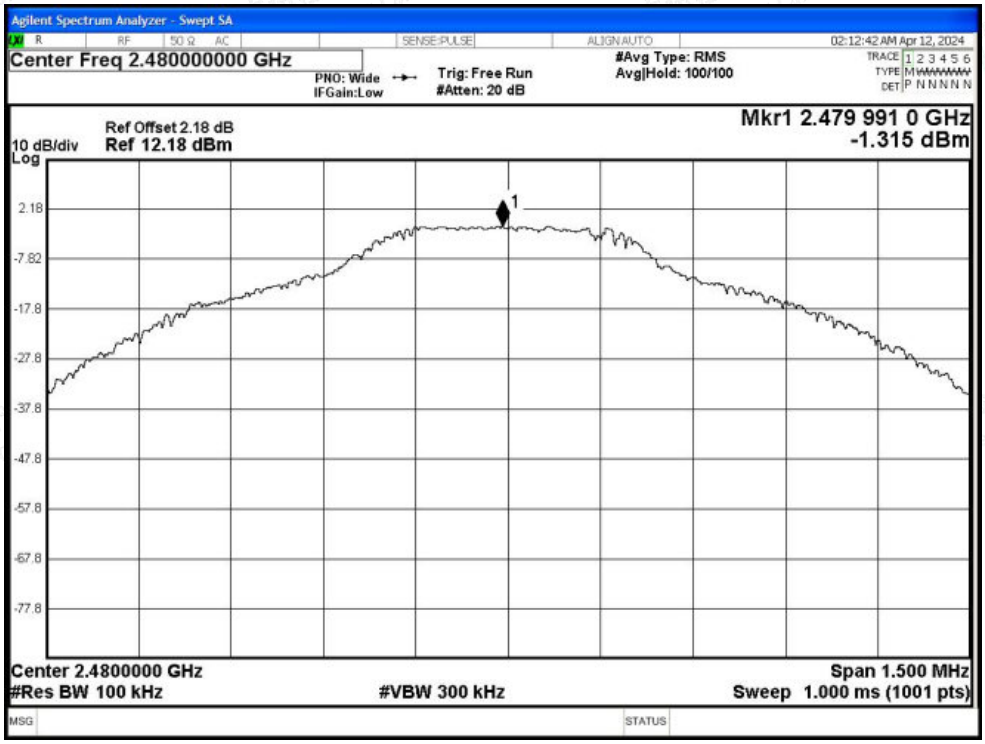
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



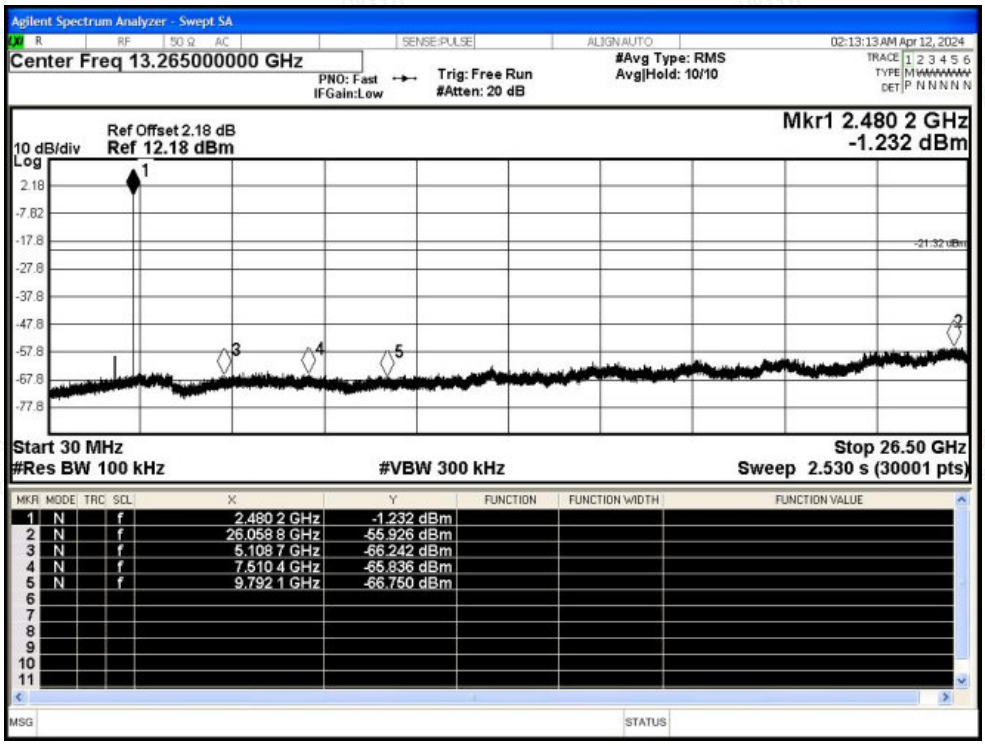
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



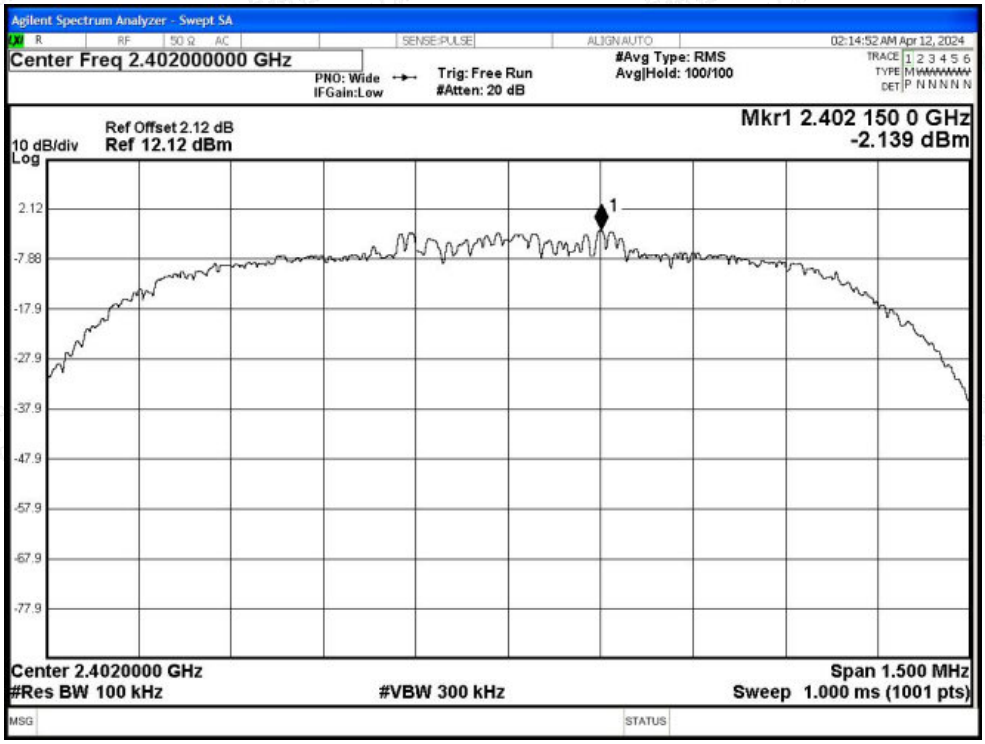
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



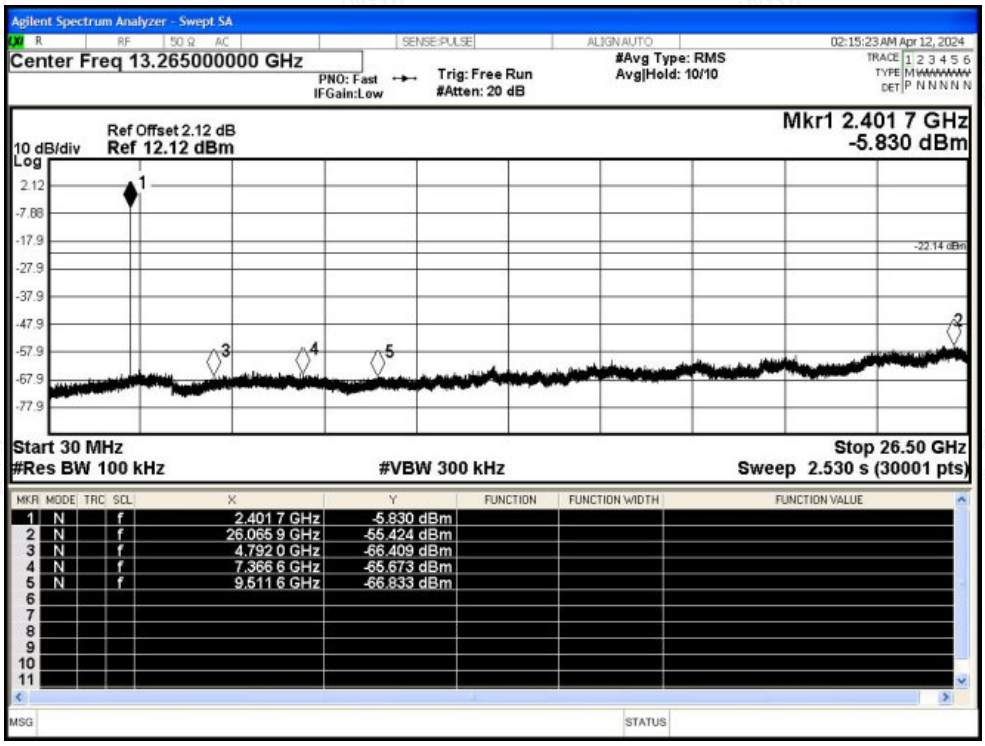
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



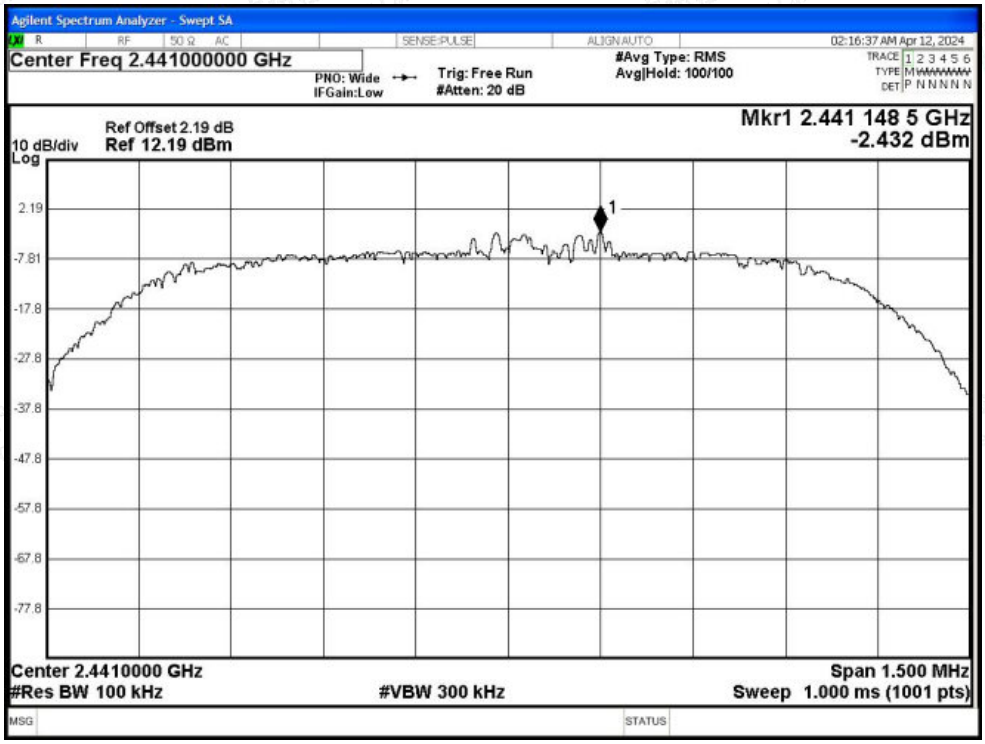
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



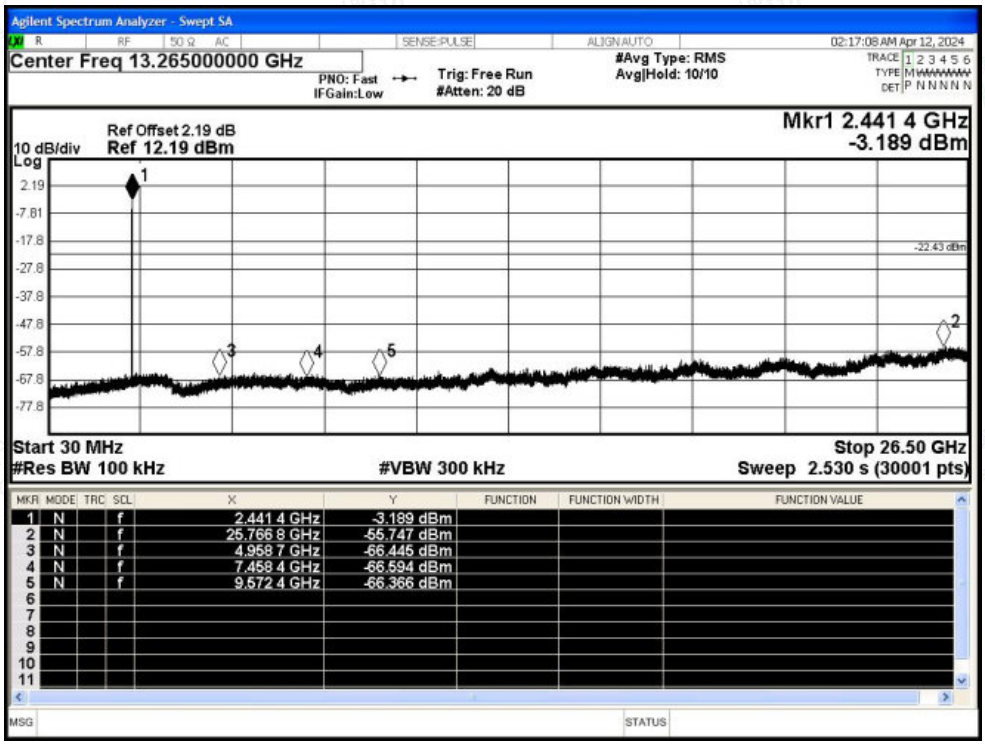
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



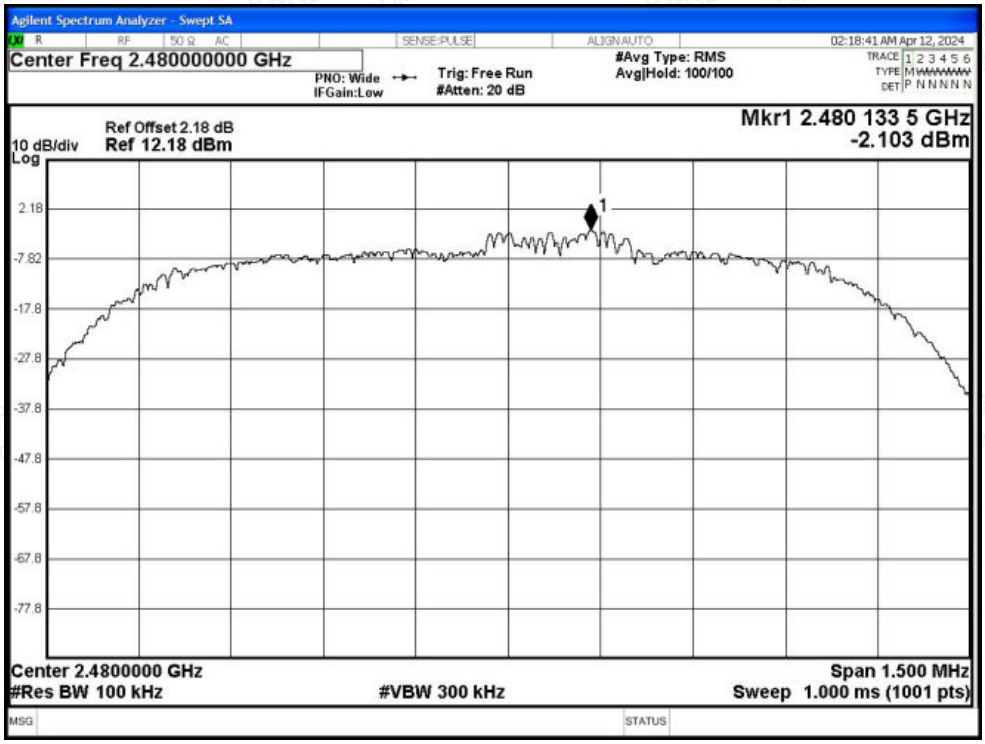
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



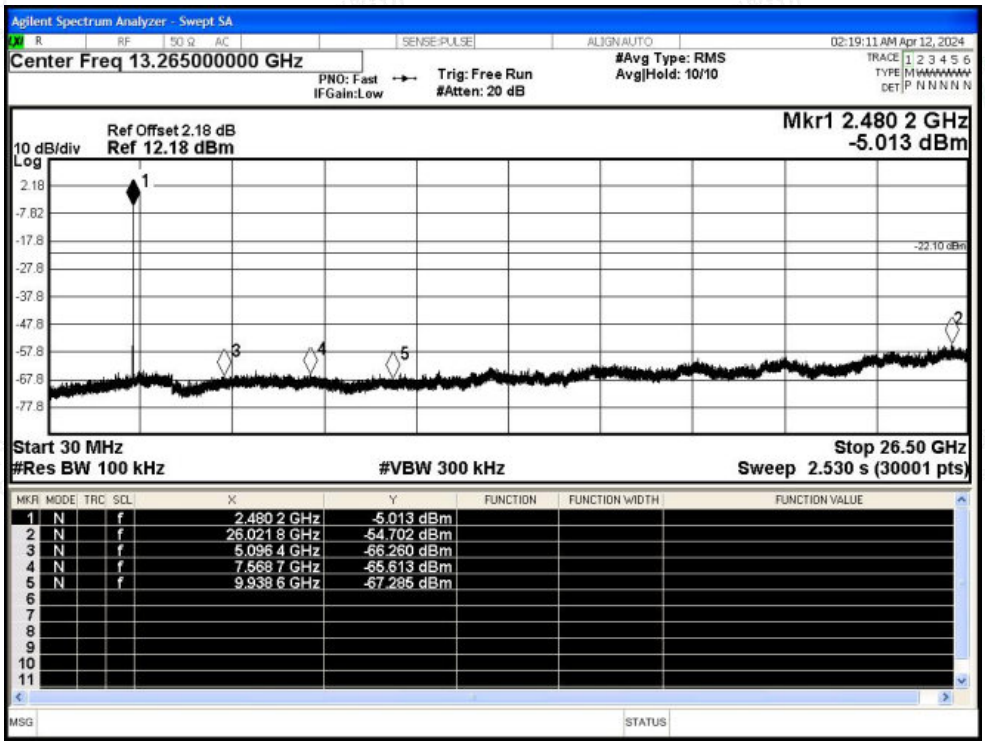
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



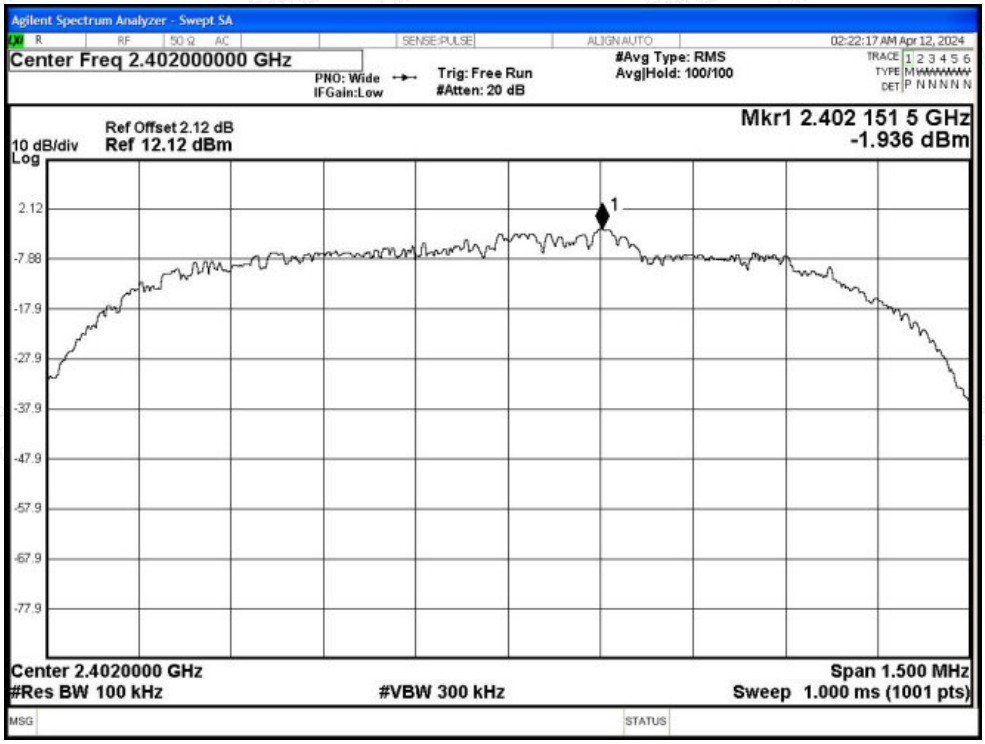
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



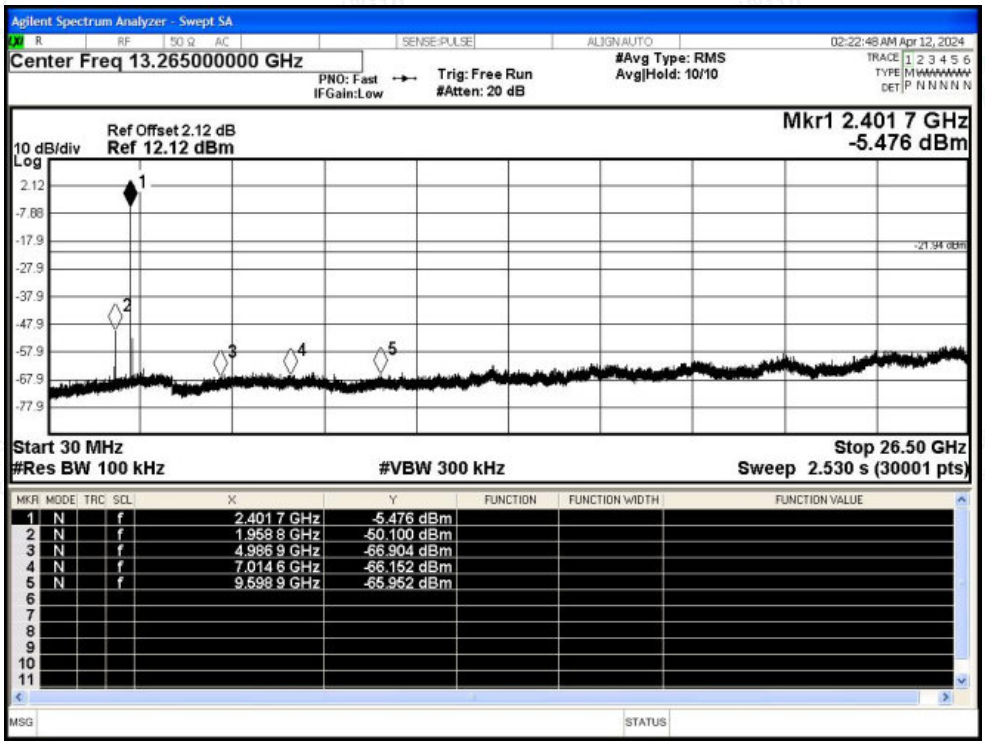
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



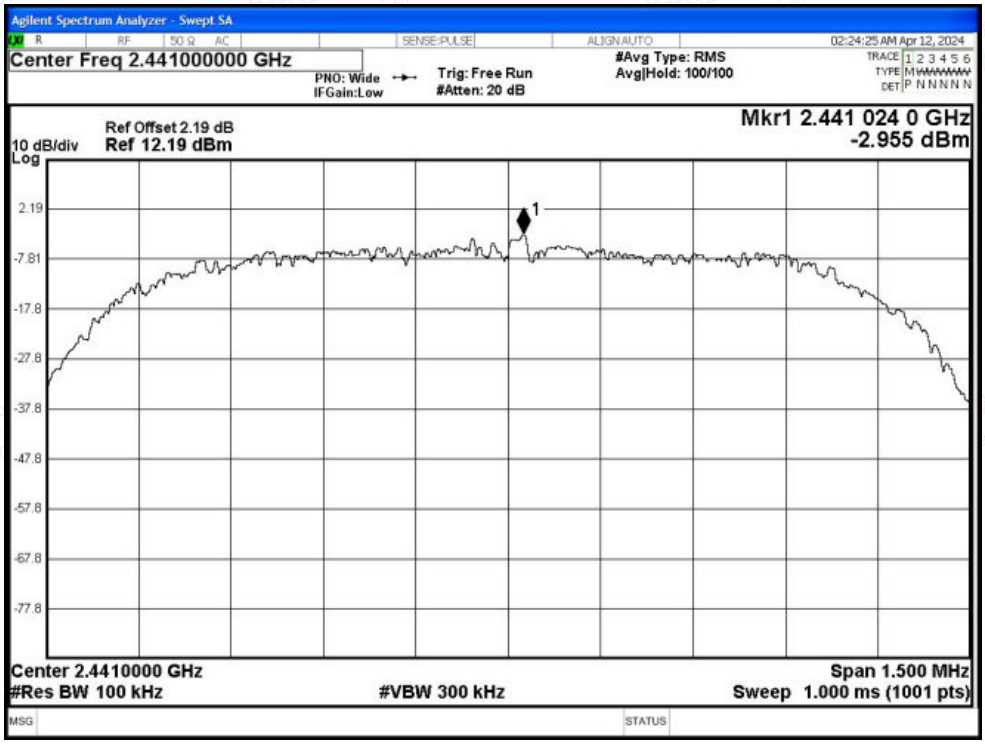
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



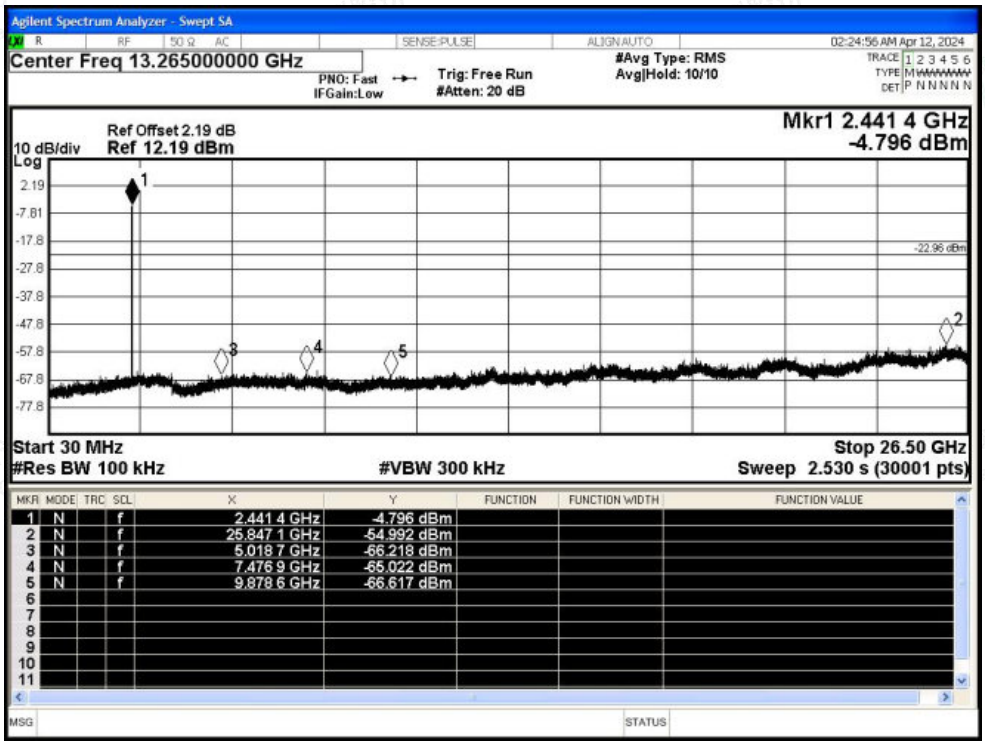
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



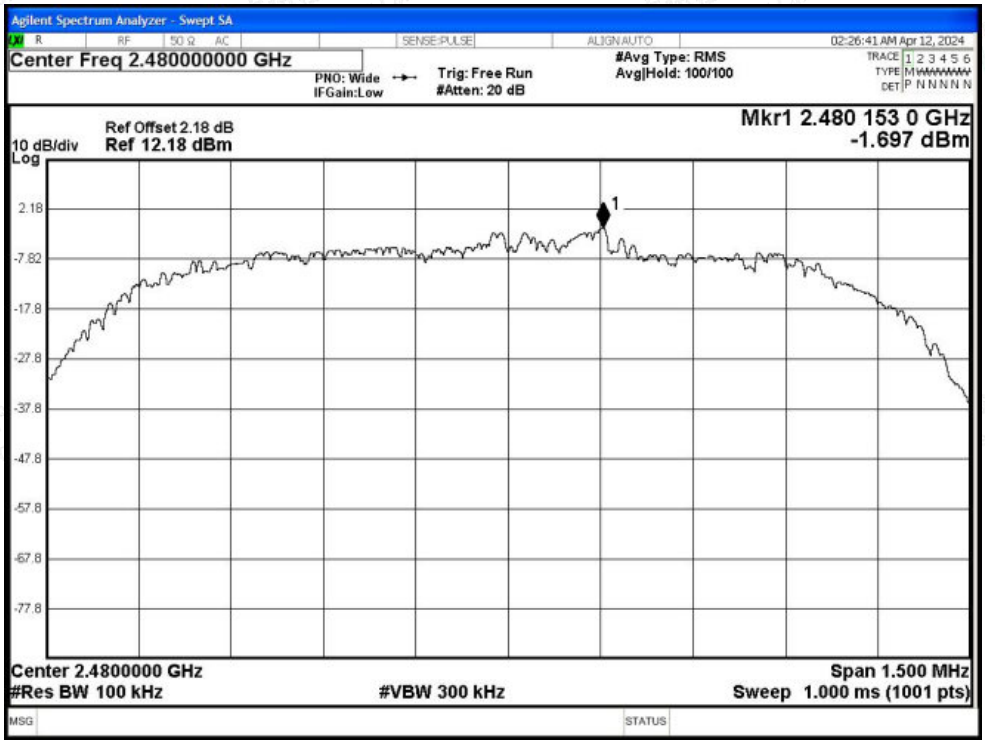
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



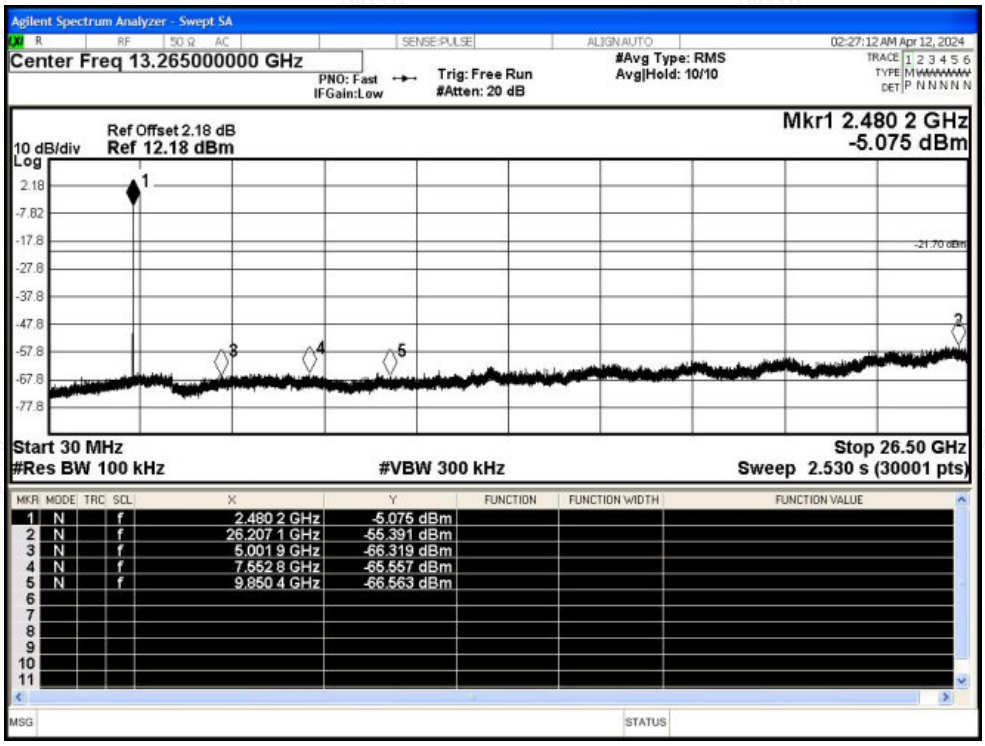
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

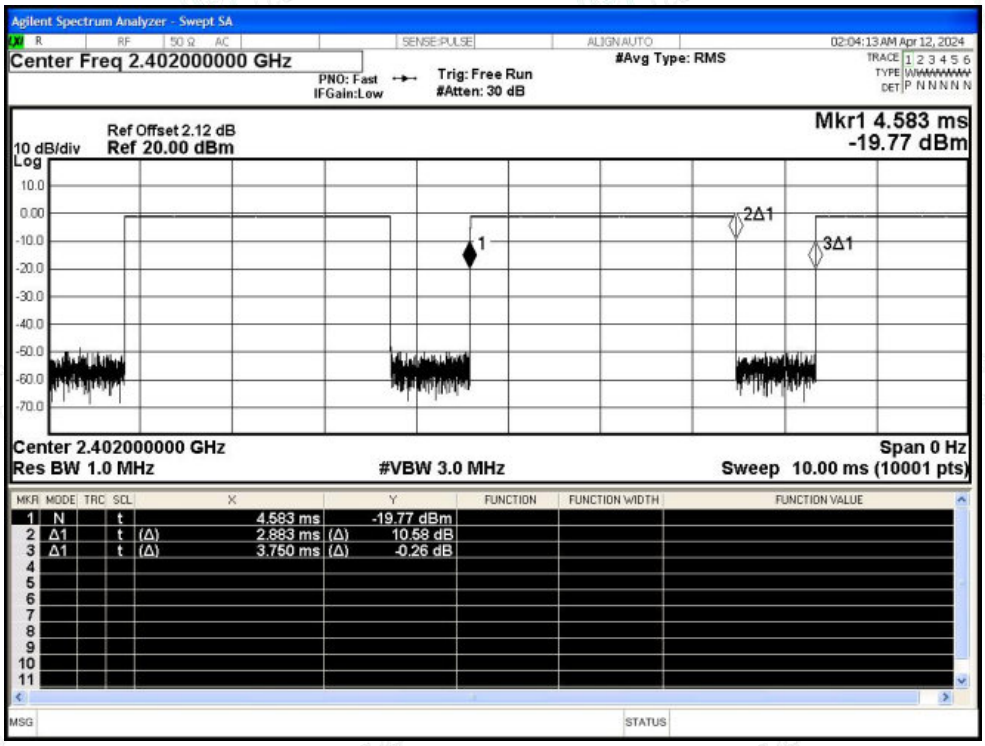


A.8 Duty Cycle

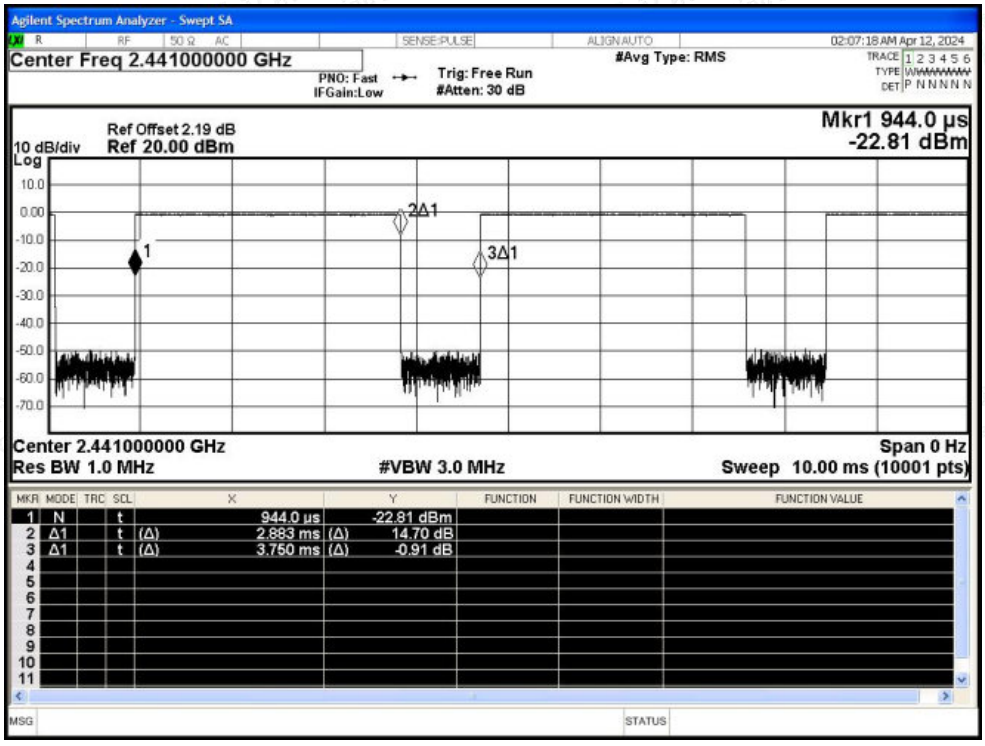
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2441	Ant1	76.88	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.88	1.14	0.35
NVNT	2-DH5	2402	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2441	Ant1	76.96	1.14	0.35
NVNT	2-DH5	2480	Ant1	76.96	1.14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

Test Graphs

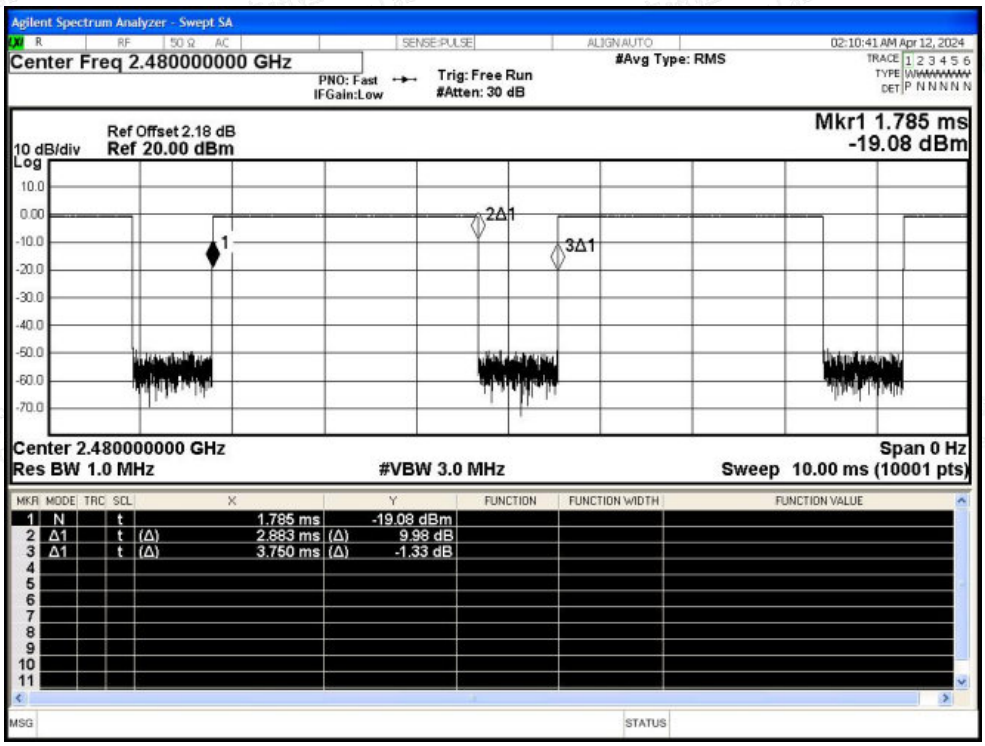
Duty Cycle NVNT 1-DH5 2402MHz Ant1



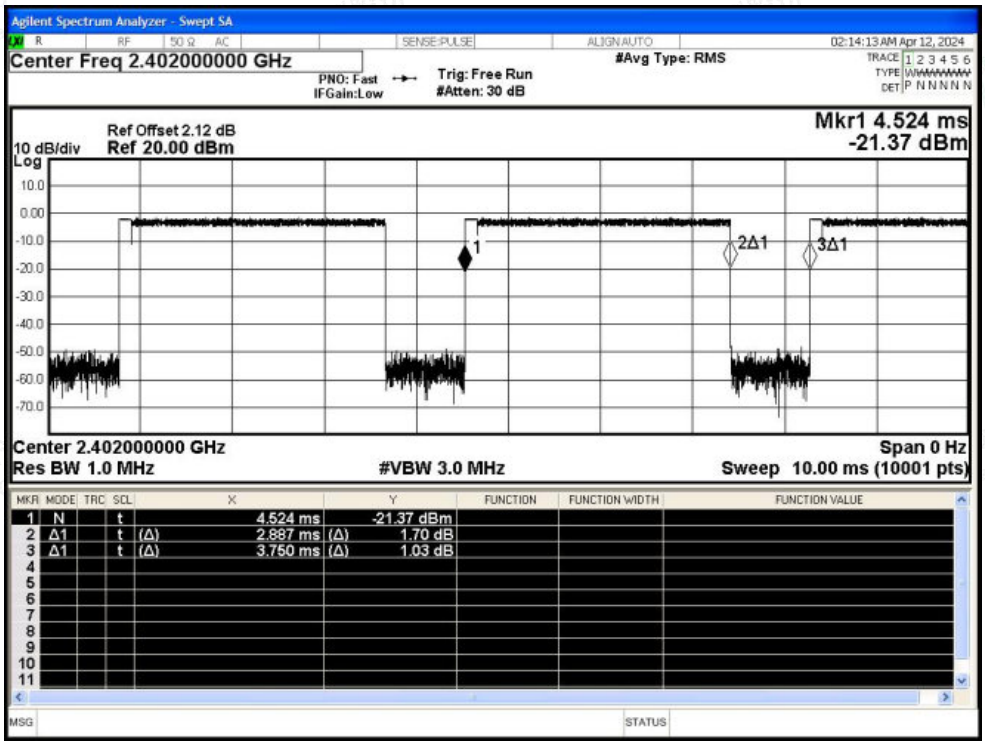
Duty Cycle NVNT 1-DH5 2441MHz Ant1



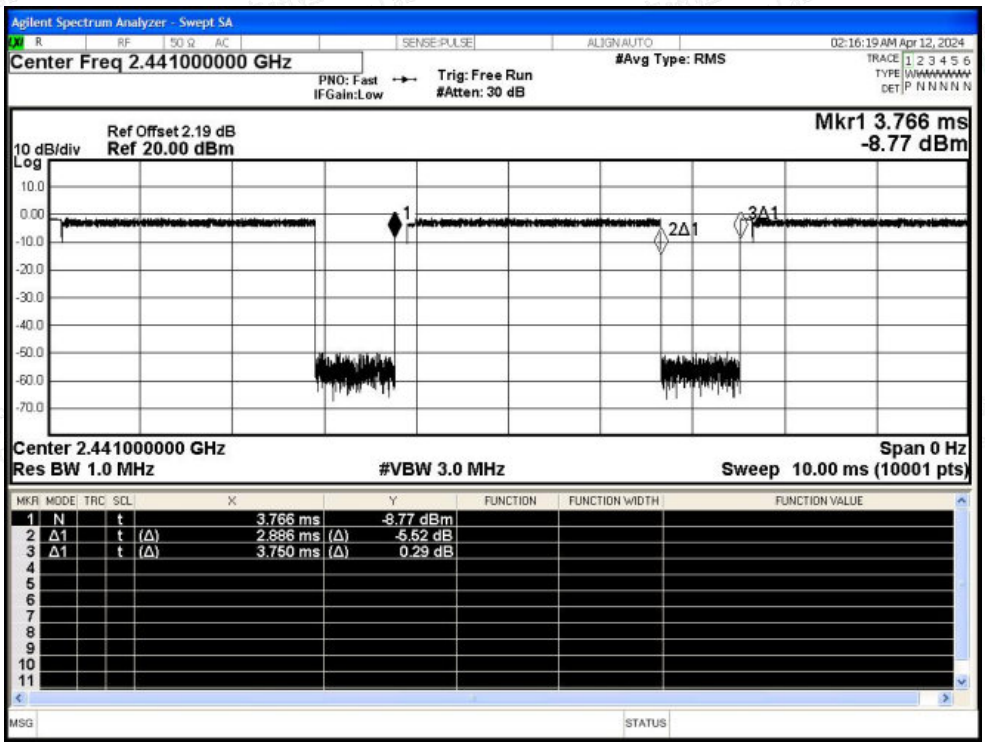
Duty Cycle NVNT 1-DH5 2480MHz Ant1



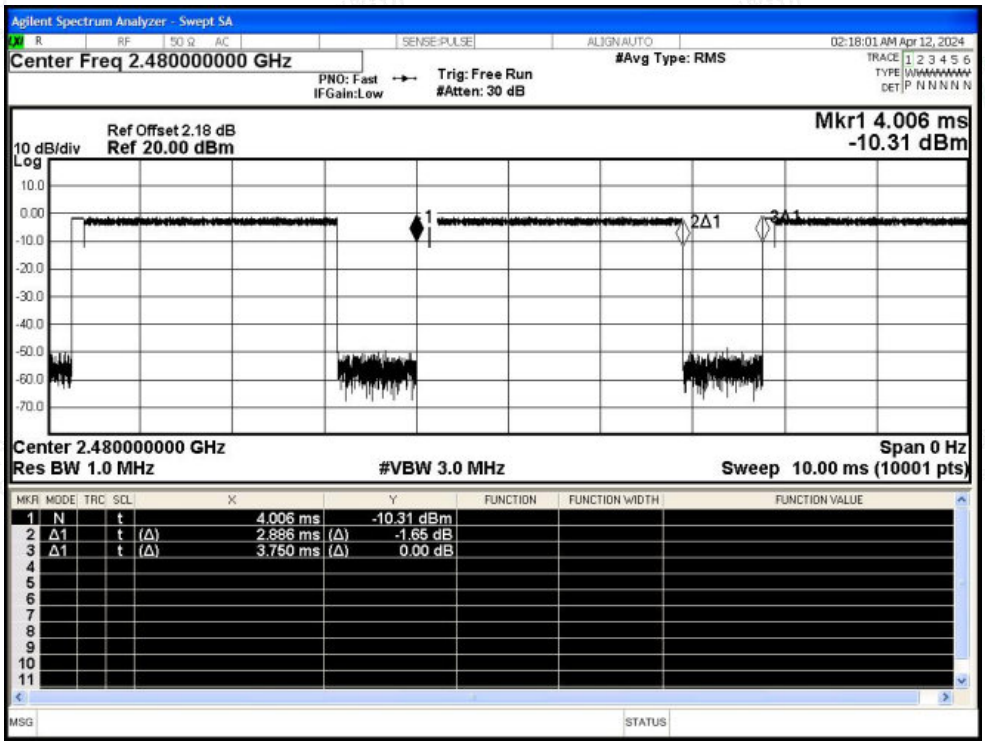
Duty Cycle NVNT 2-DH5 2402MHz Ant1



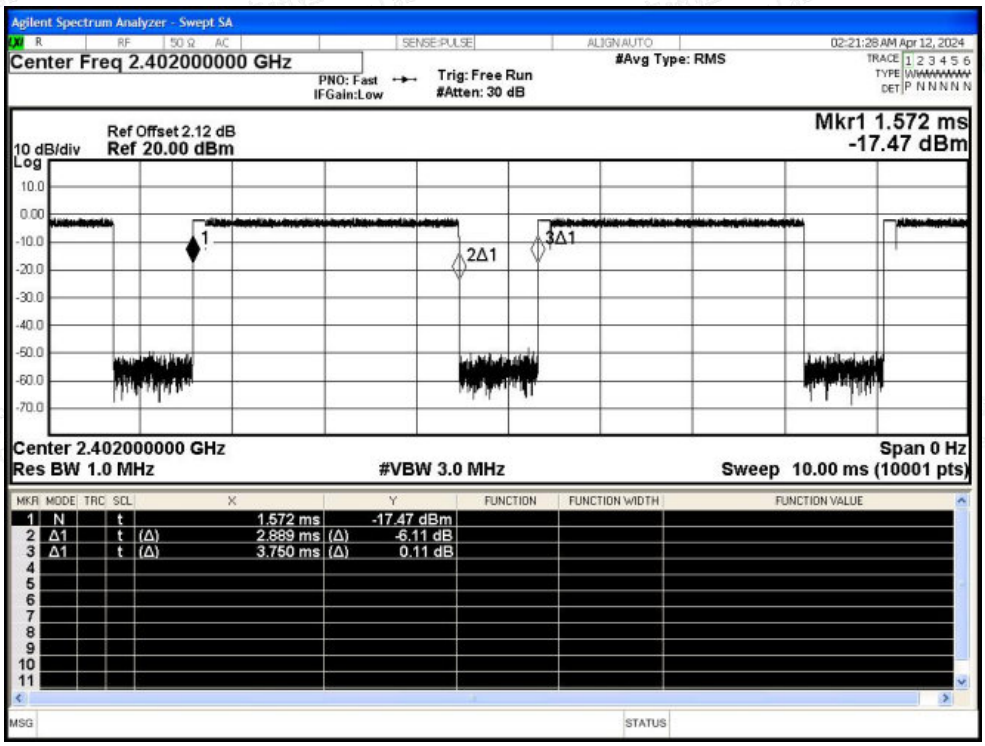
Duty Cycle NVNT 2-DH5 2441MHz Ant1



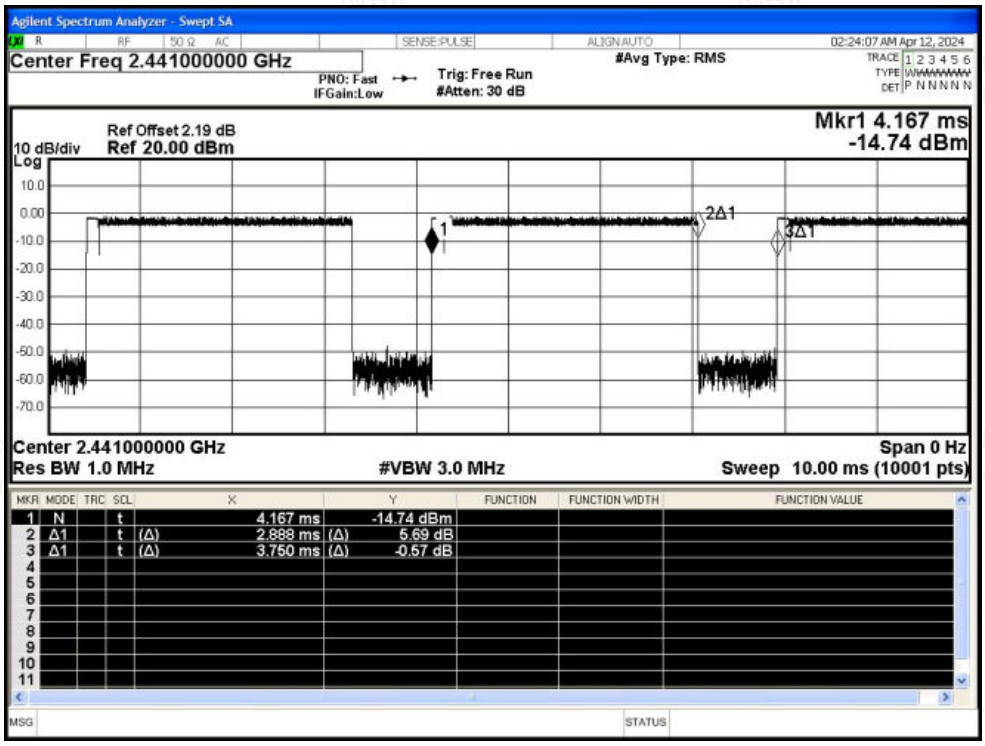
Duty Cycle NVNT 2-DH5 2480MHz Ant1



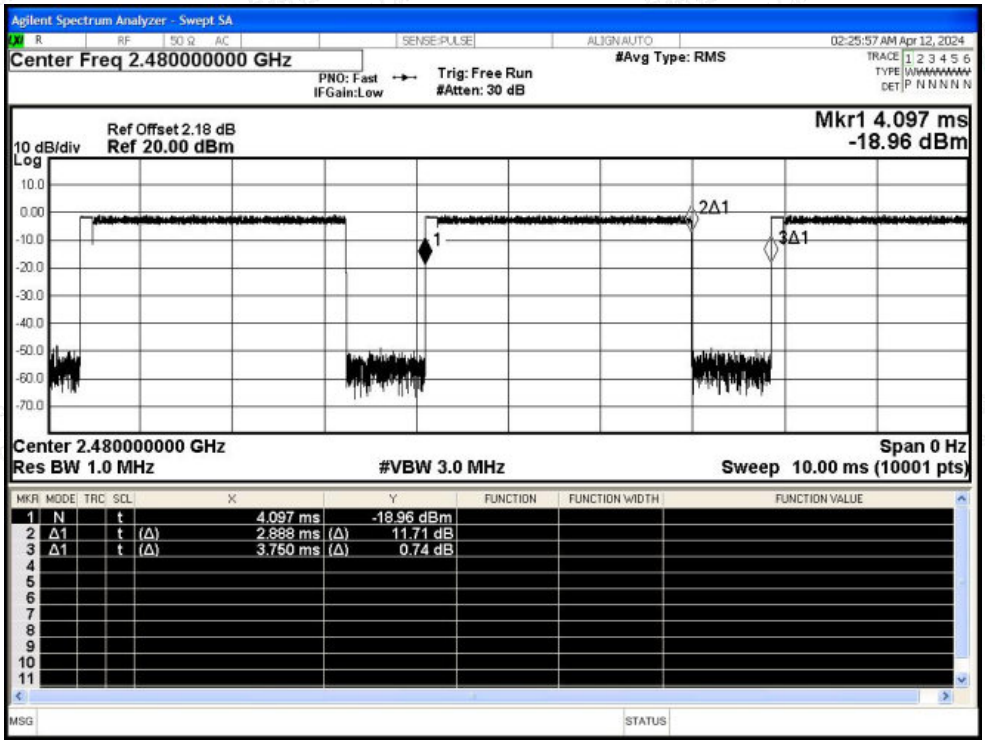
Duty Cycle NVNT 3-DH5 2402MHz Ant1



Duty Cycle NVNT 3-DH5 2441MHz Ant1



Duty Cycle NVNT 3-DH5 2480MHz Ant1

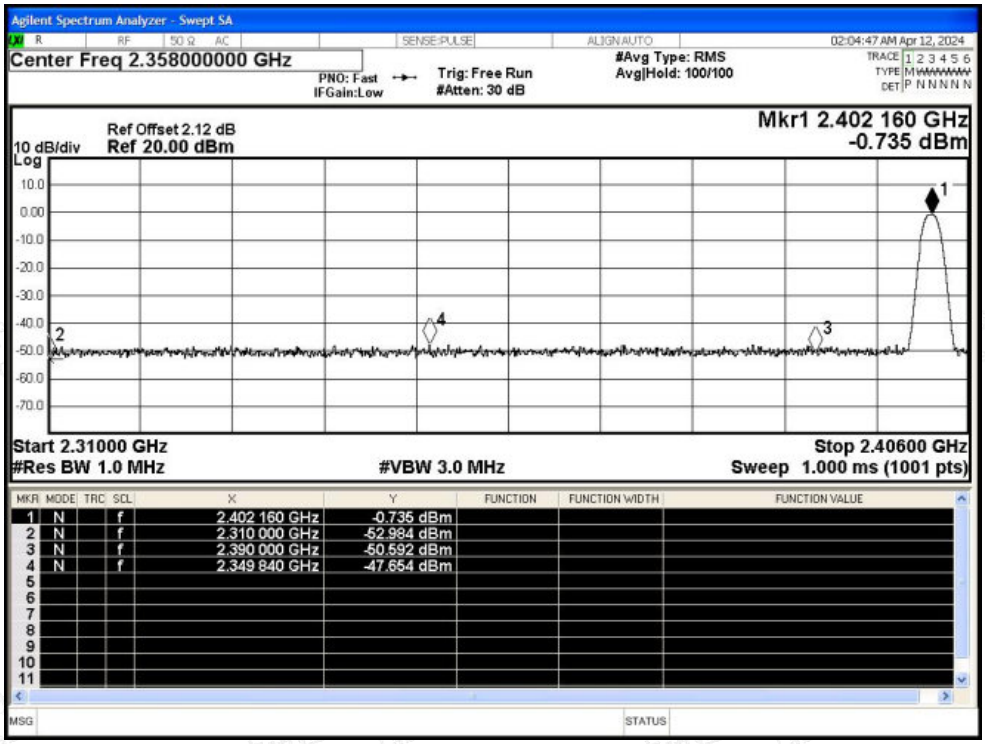


A.9 Restrict Band

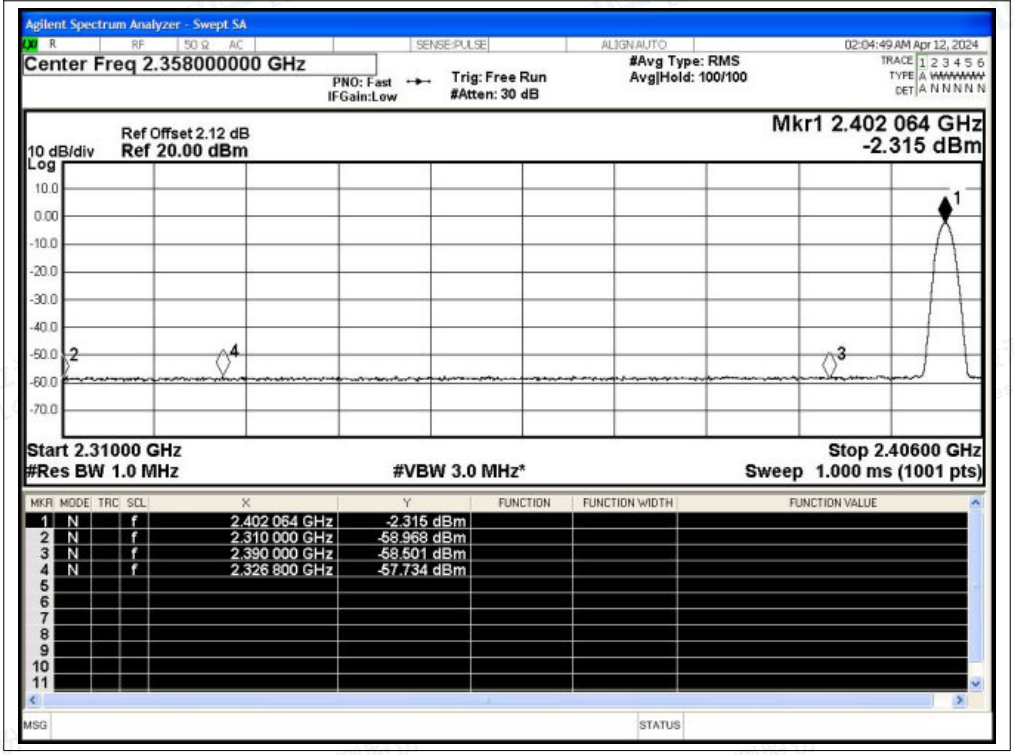
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-52.98	2	-	44.28	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-58.97	2	1.14	39.43	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2349.84	-47.65	2	-	49.61	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2326.8	-57.73	2	1.14	40.67	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-50.59	2	-	46.67	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-58.5	2	1.14	39.9	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-50.34	2	-	46.92	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-57.86	2	1.14	40.54	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2485.456	-46.6	2	-	50.66	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2484.904	-57.15	2	1.14	41.25	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-50.04	2	-	47.22	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-58.17	2	1.14	40.23	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-51.61	2	-	45.65	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-58.81	2	1.14	39.59	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2350.224	-47.91	2	-	49.35	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2384.016	-57.65	2	1.14	40.75	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-48.57	2	-	48.69	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-58.1	2	1.14	40.3	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-48.47	2	-	48.79	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-57.86	2	1.14	40.54	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2495.512	-47.08	2	-	50.18	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2491.576	-57.16	2	1.14	41.24	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-51.14	2	-	46.12	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-58.01	2	1.14	40.39	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.24	2	-	48.02	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-58.54	2	1.13	39.85	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2332.176	-47.26	2	-	50	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2380.656	-57.6	2	1.13	40.79	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.25	2	-	48.01	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-58.43	2	1.13	39.96	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-49.92	2	-	47.34	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-57.46	2	1.13	40.93	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2492.824	-47.08	2	-	50.18	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2487.592	-57.21	2	1.13	41.18	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-49.33	2	-	47.93	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-57.42	2	1.13	40.97	Average	54	Pass

Test Graphs

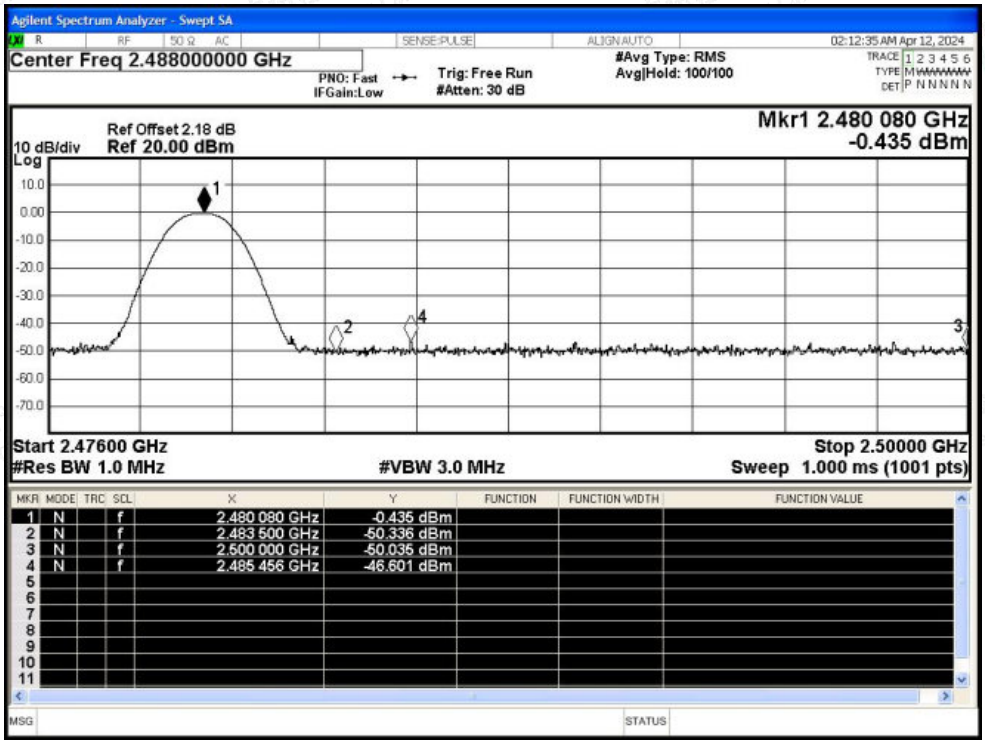
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



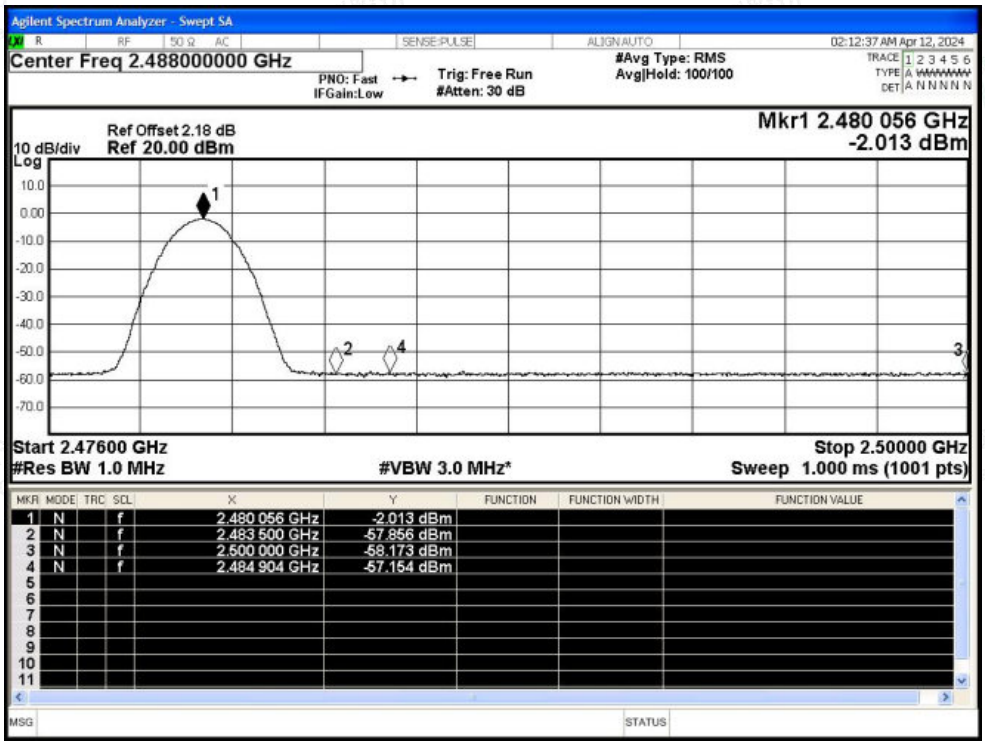
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



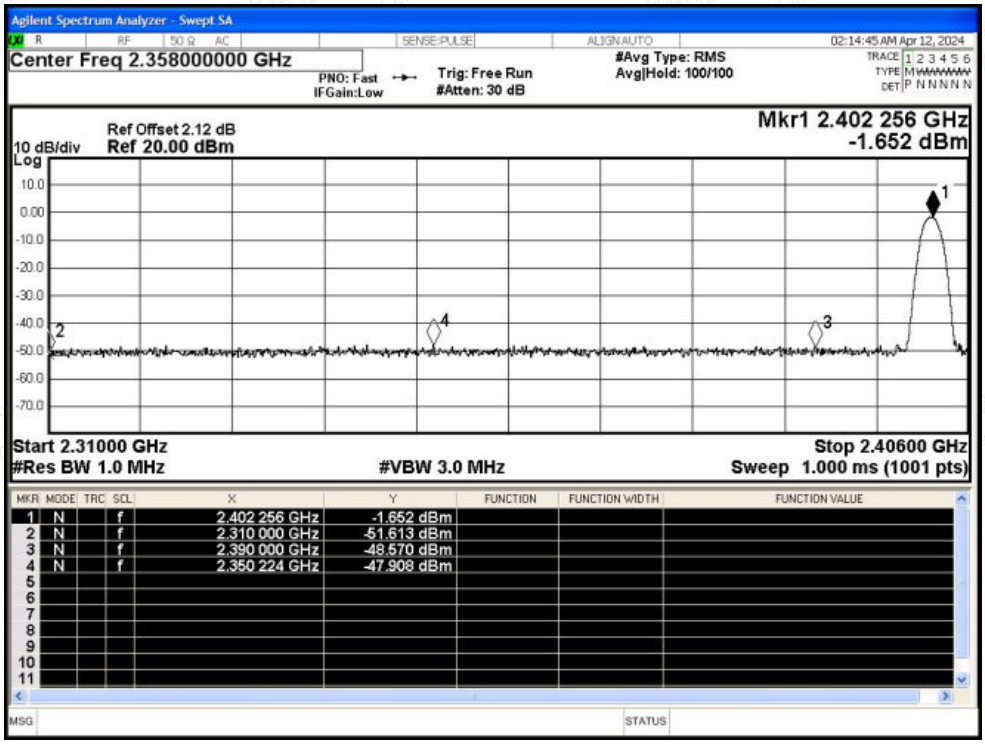
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



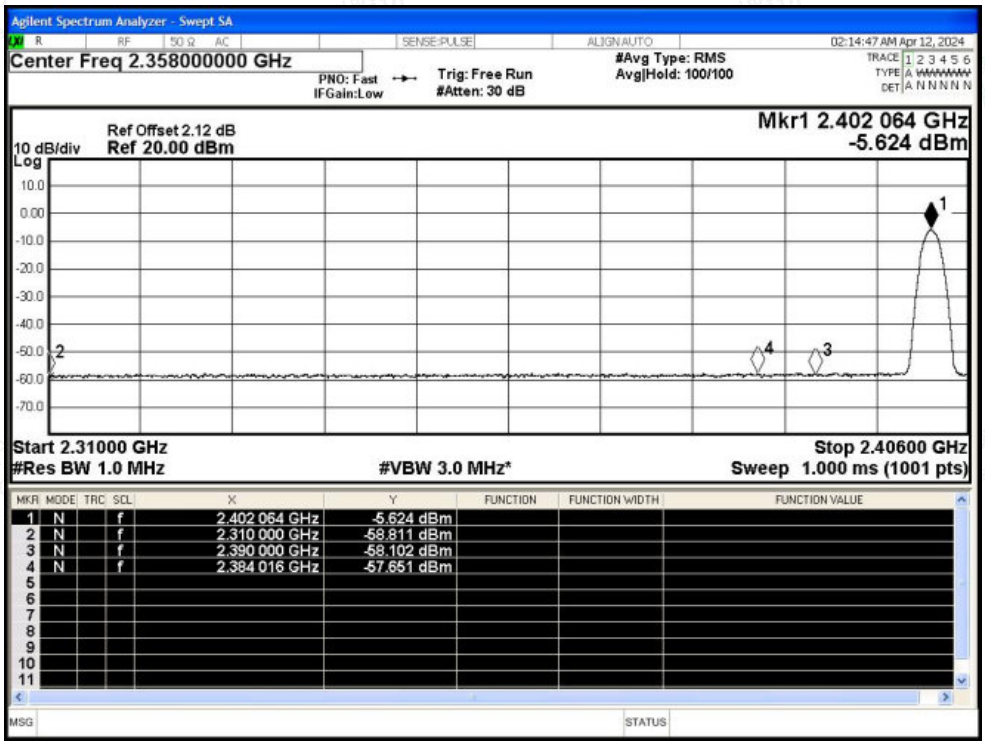
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



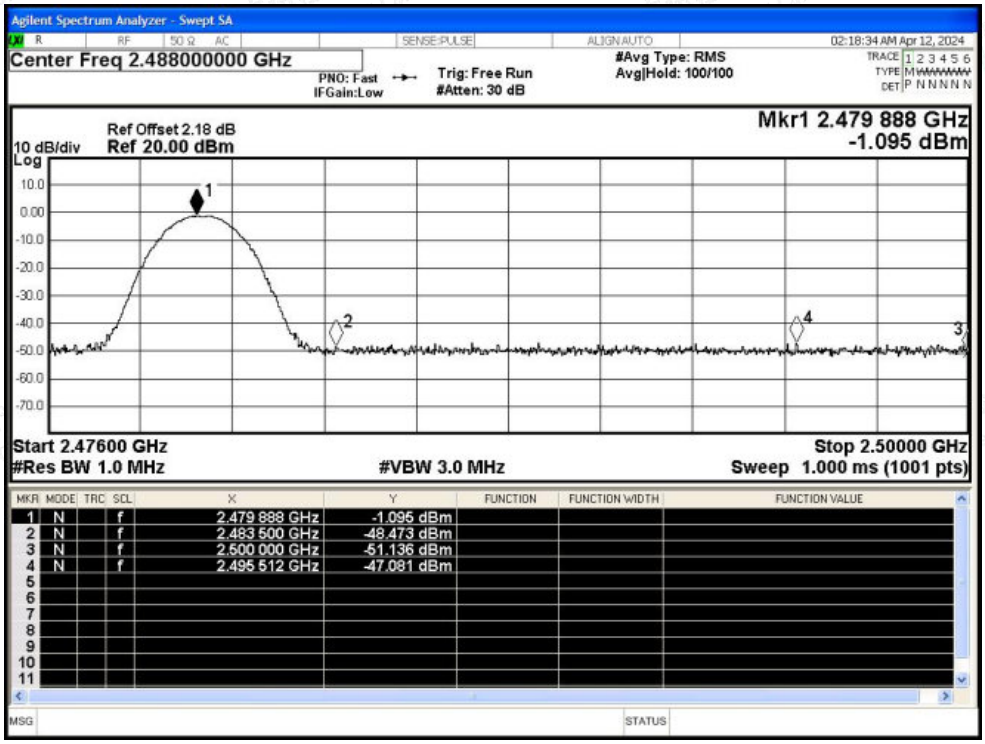
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



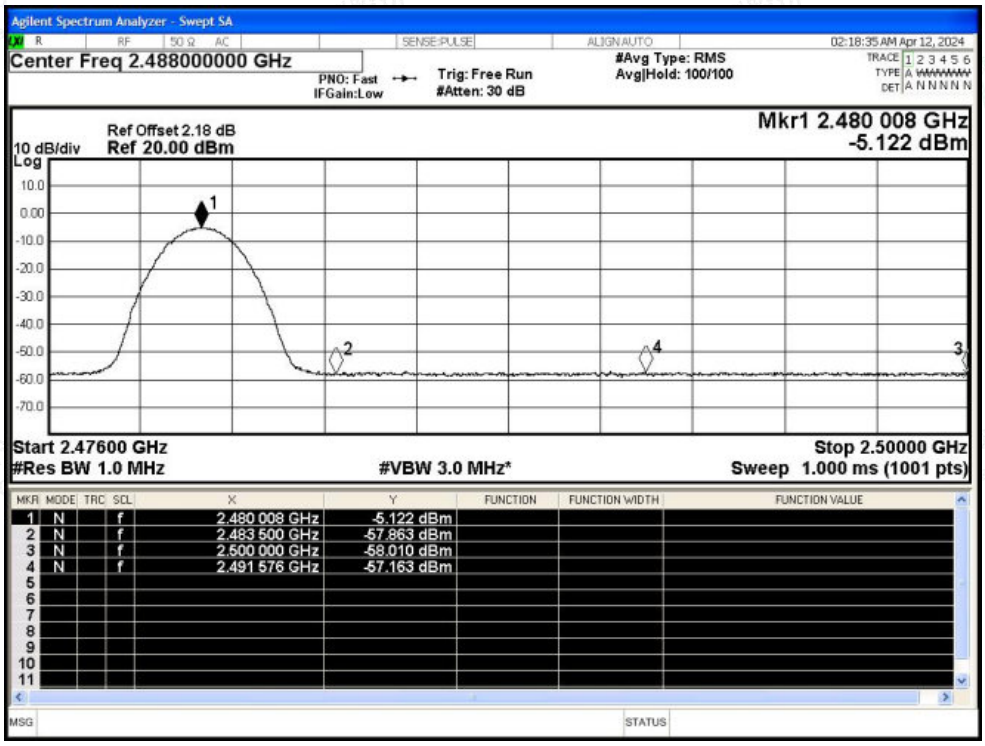
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



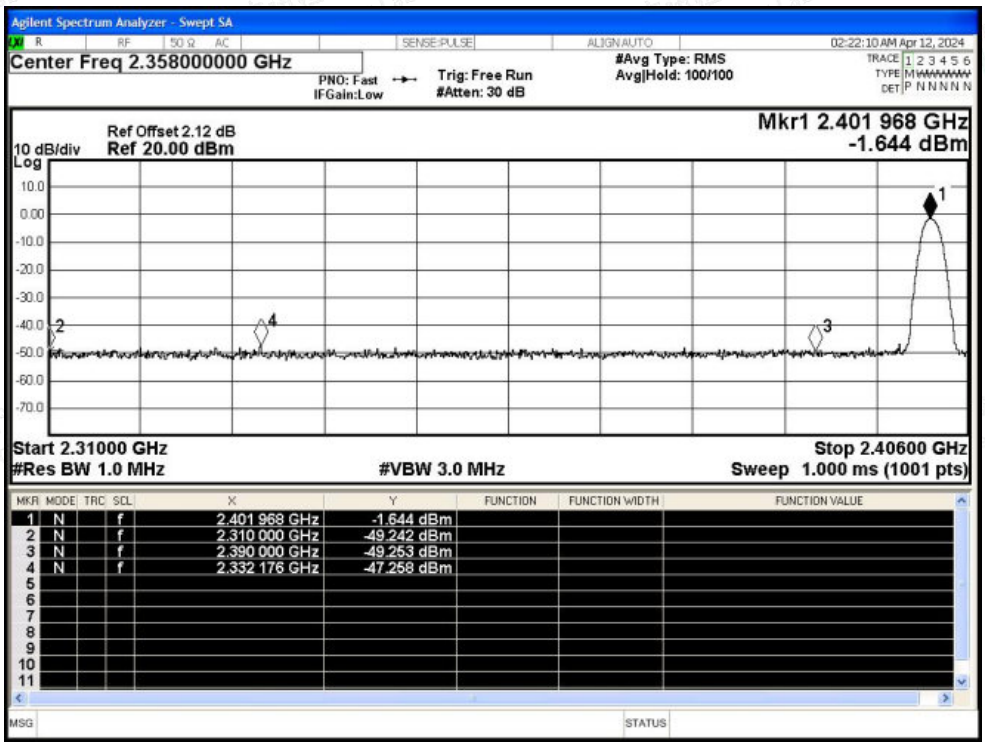
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



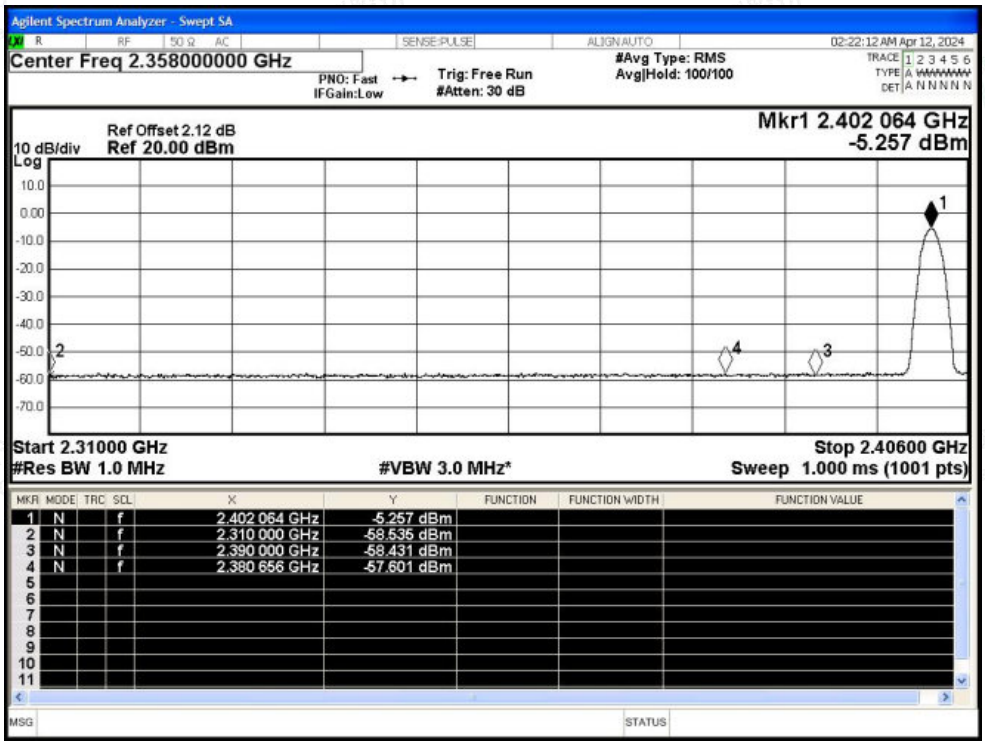
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



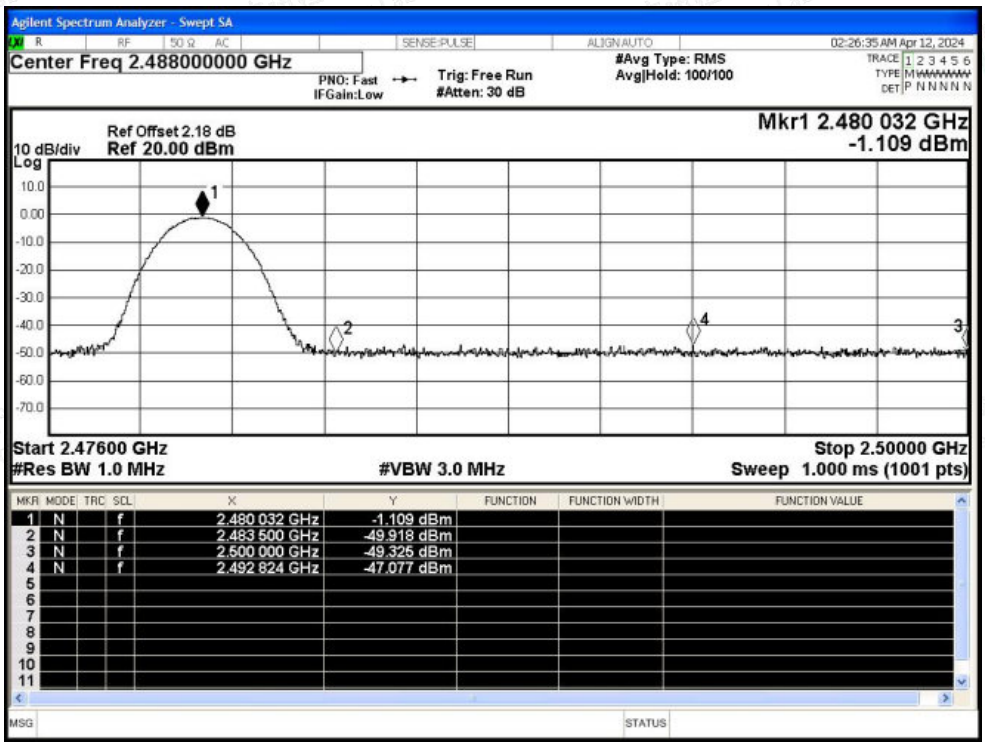
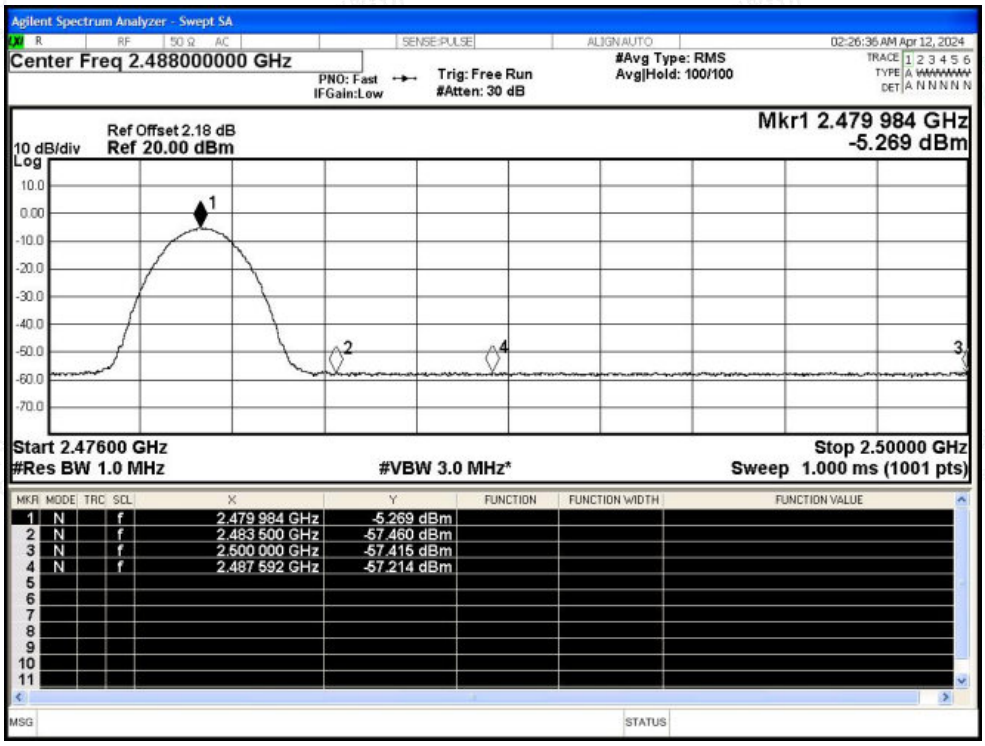
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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