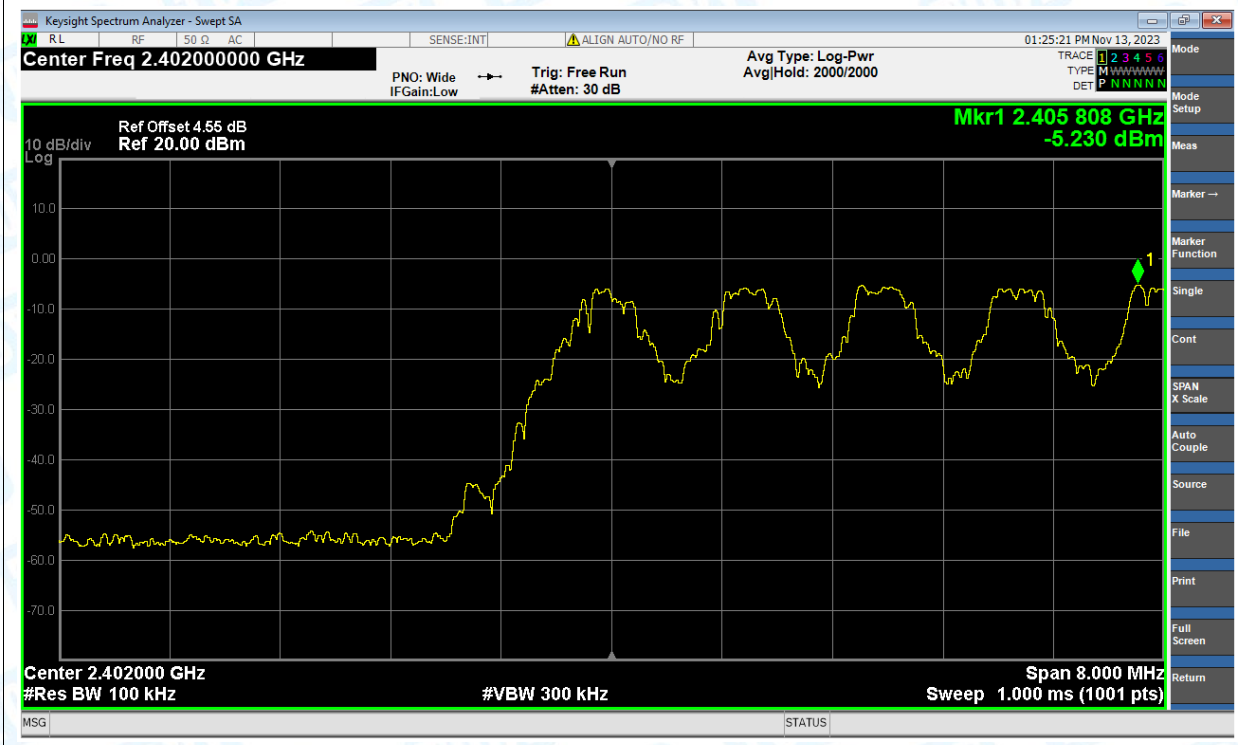
6. Band Edge(Hopping)

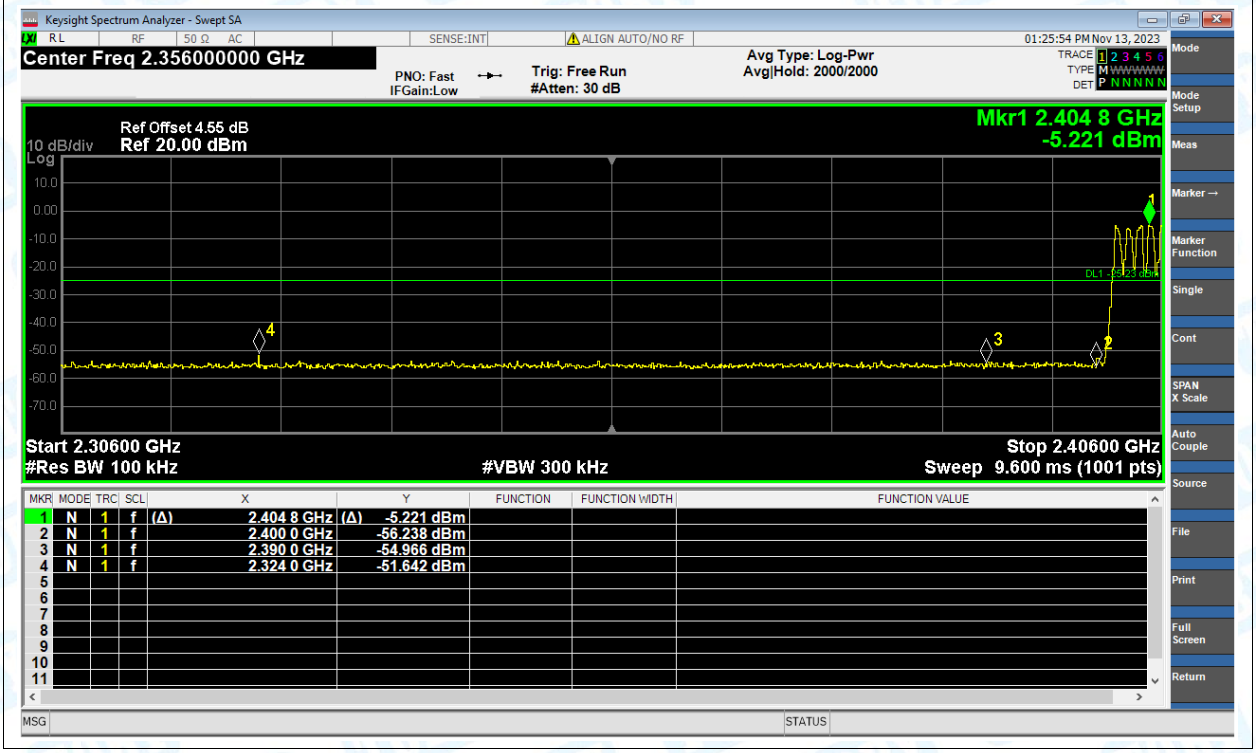
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	Hopping	-46.41	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-50.29	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-48.16	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-50.87	-20	Pass
NVNT	3-DH1	2402	Ant1	Hopping	-44.02	-20	Pass
NVNT	3-DH1	2480	Ant1	Hopping	-47.24	-20	Pass

Test Graphs

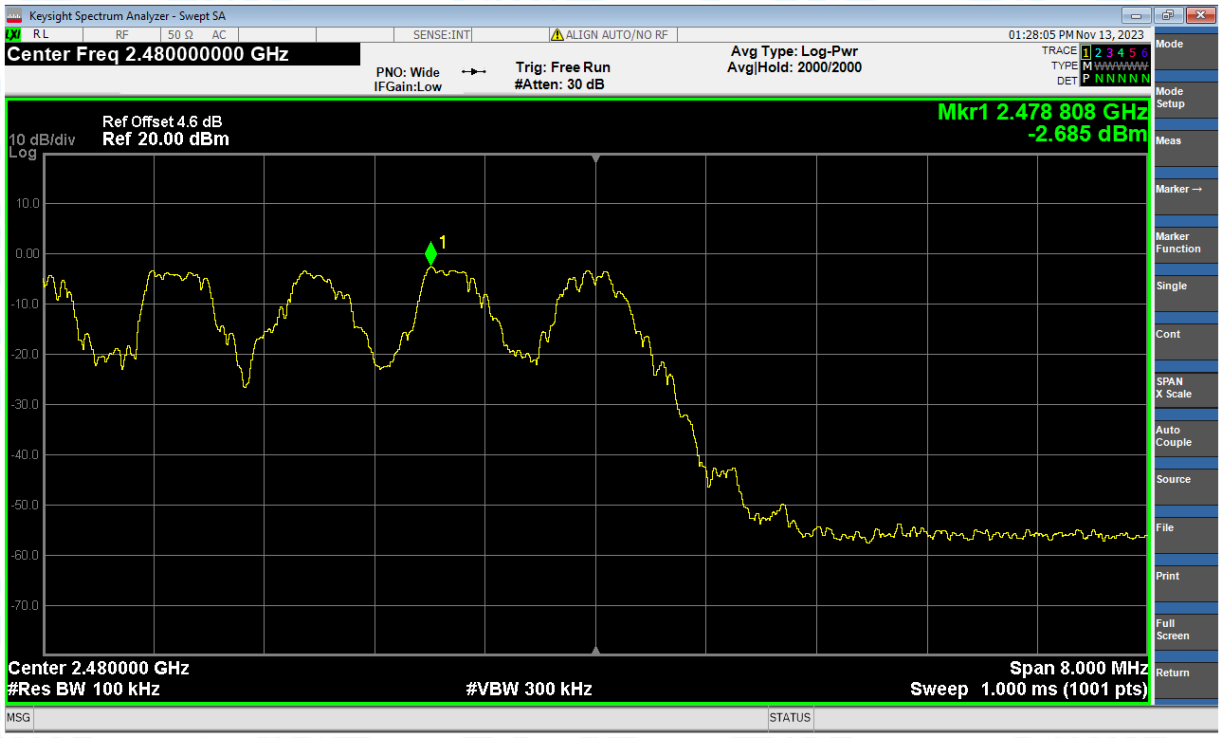
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



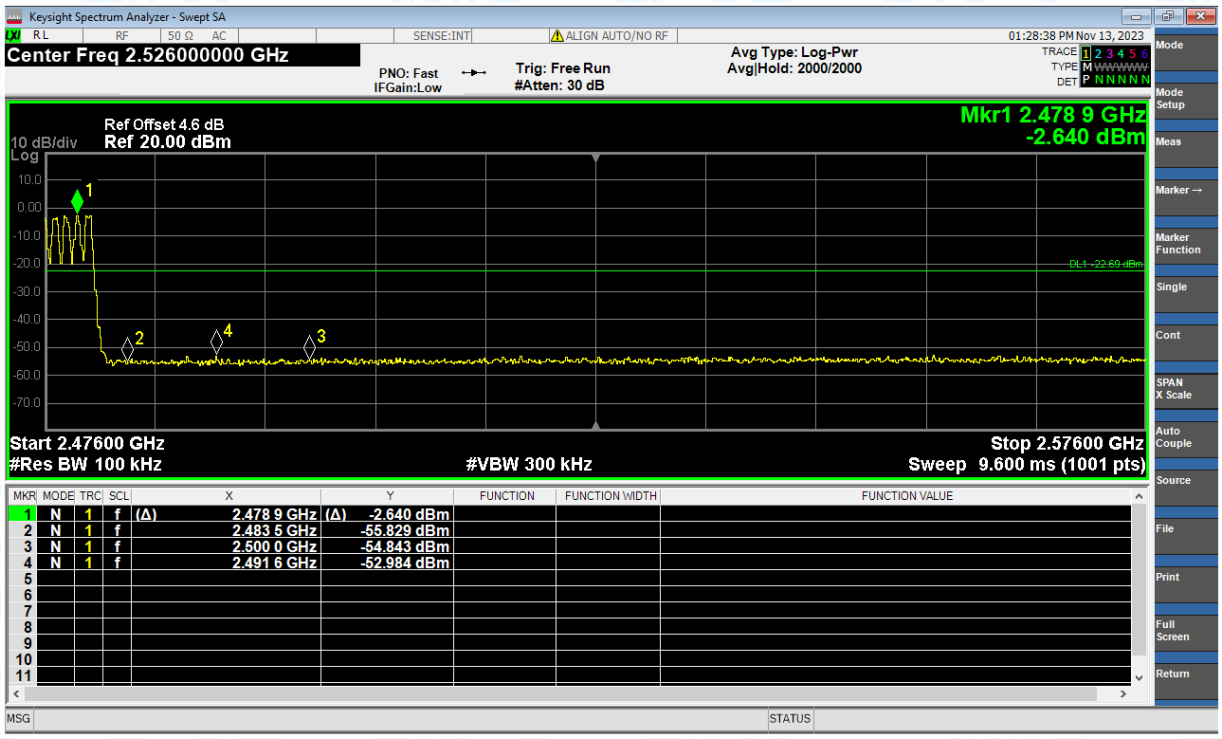
Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



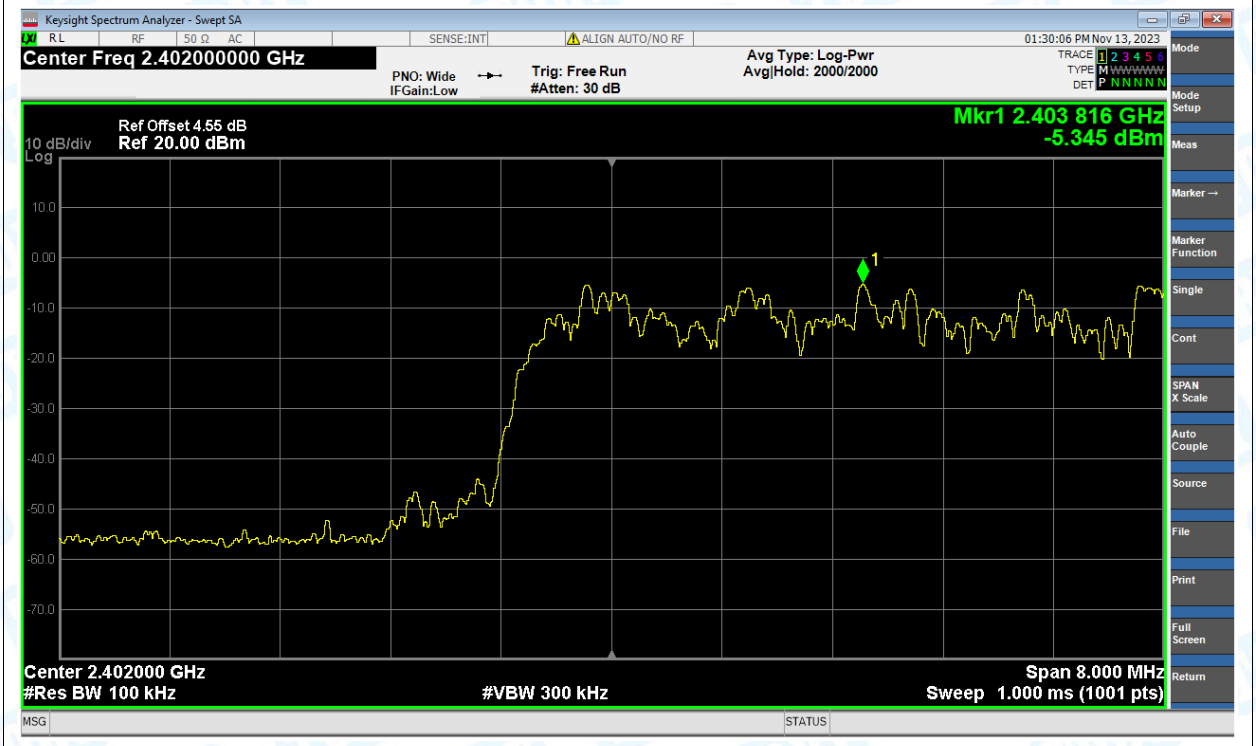
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



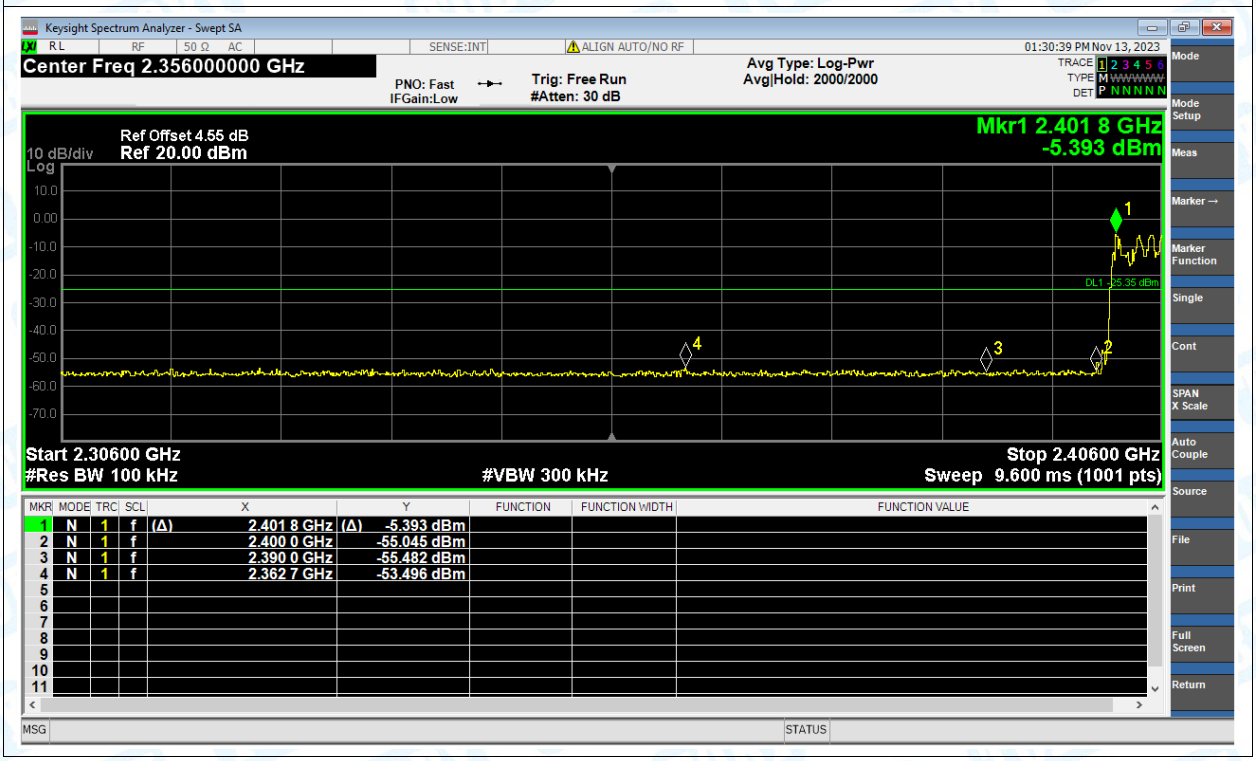
Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission



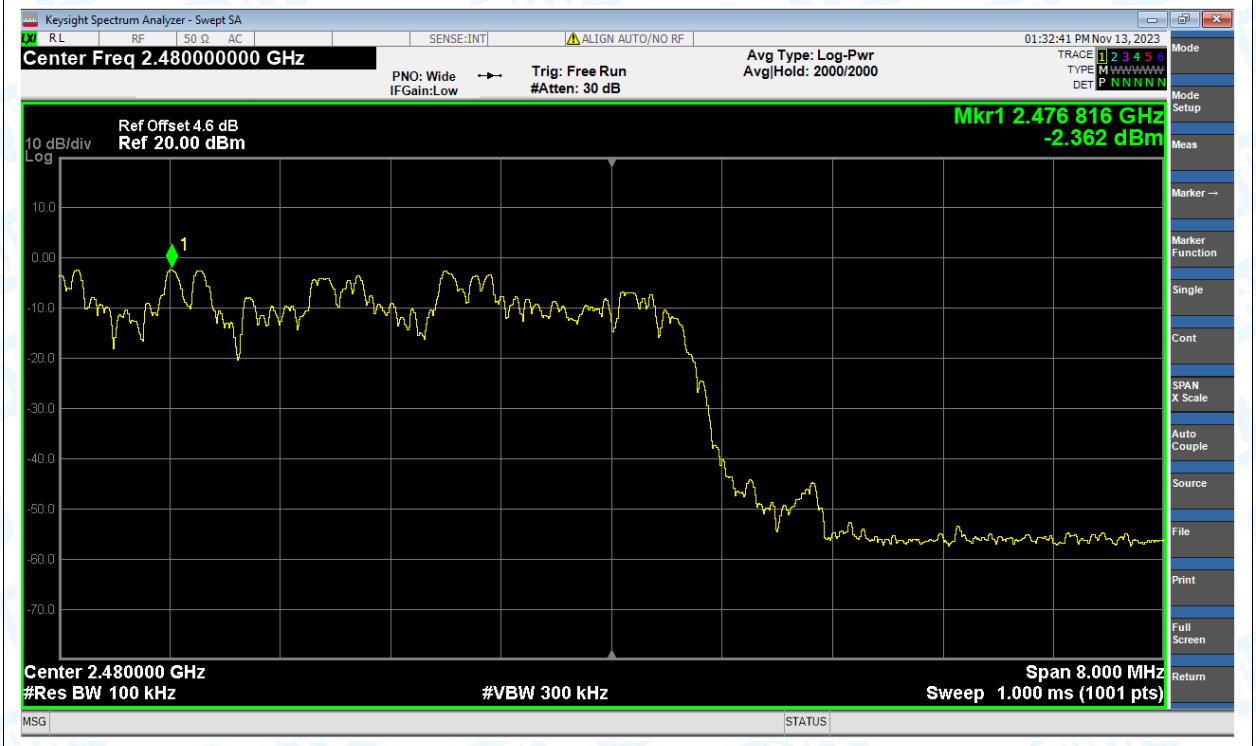
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



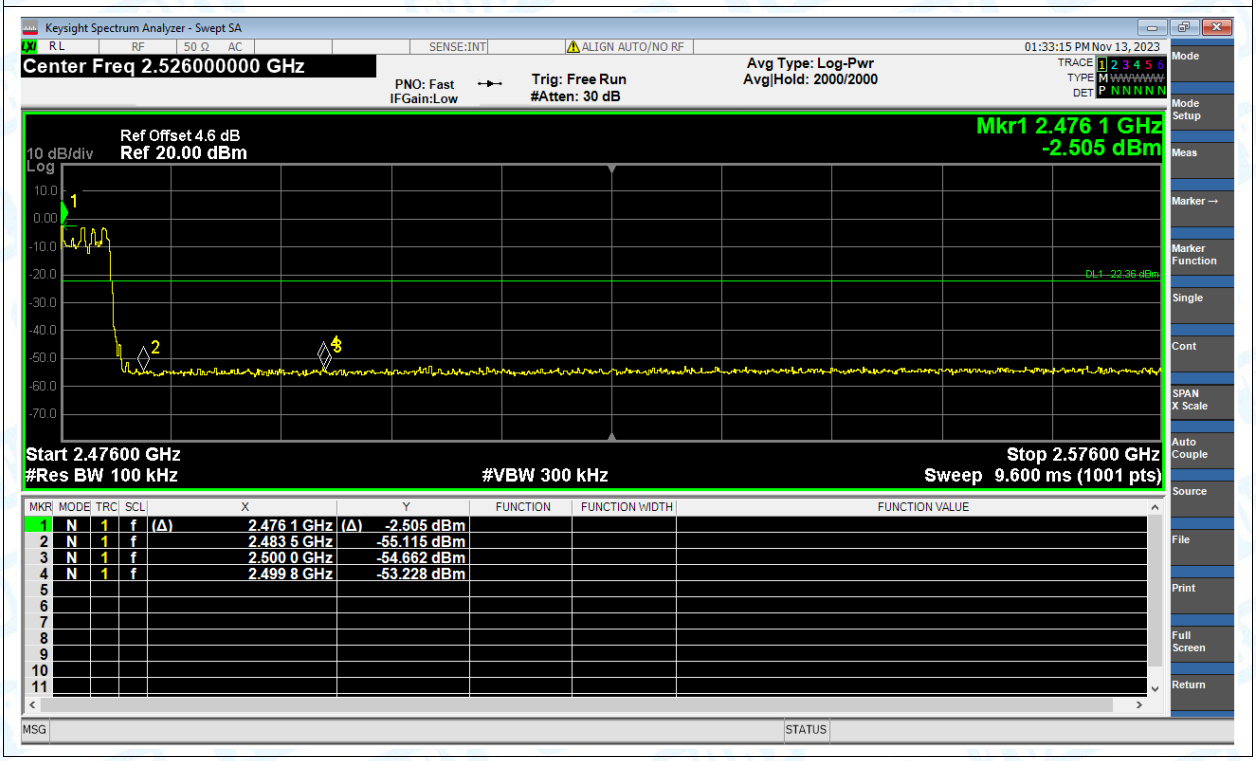
Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission



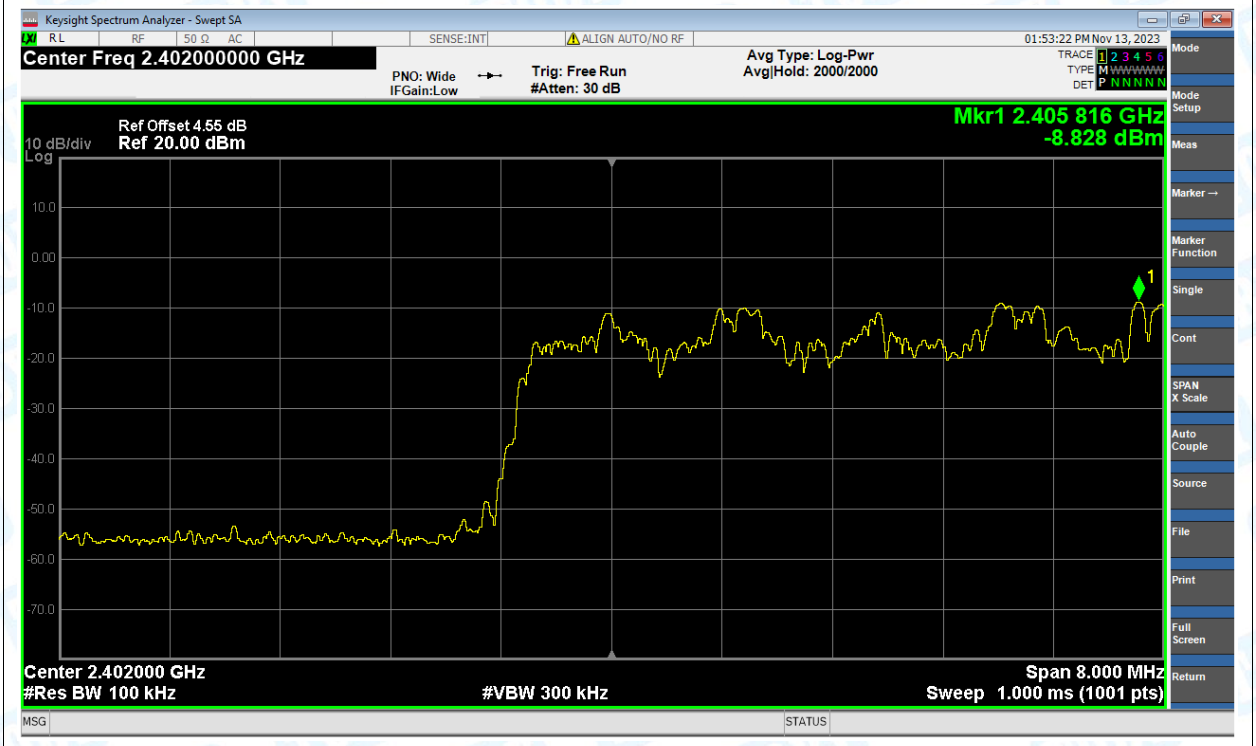
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



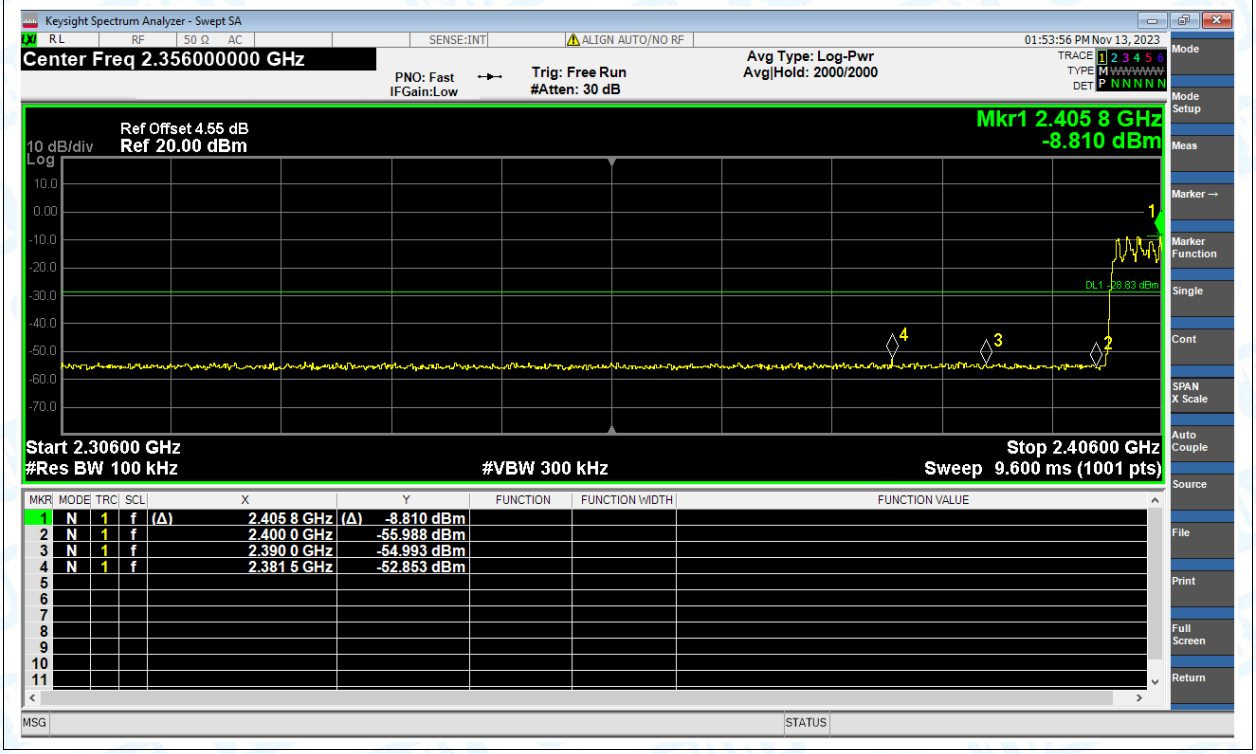
Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission



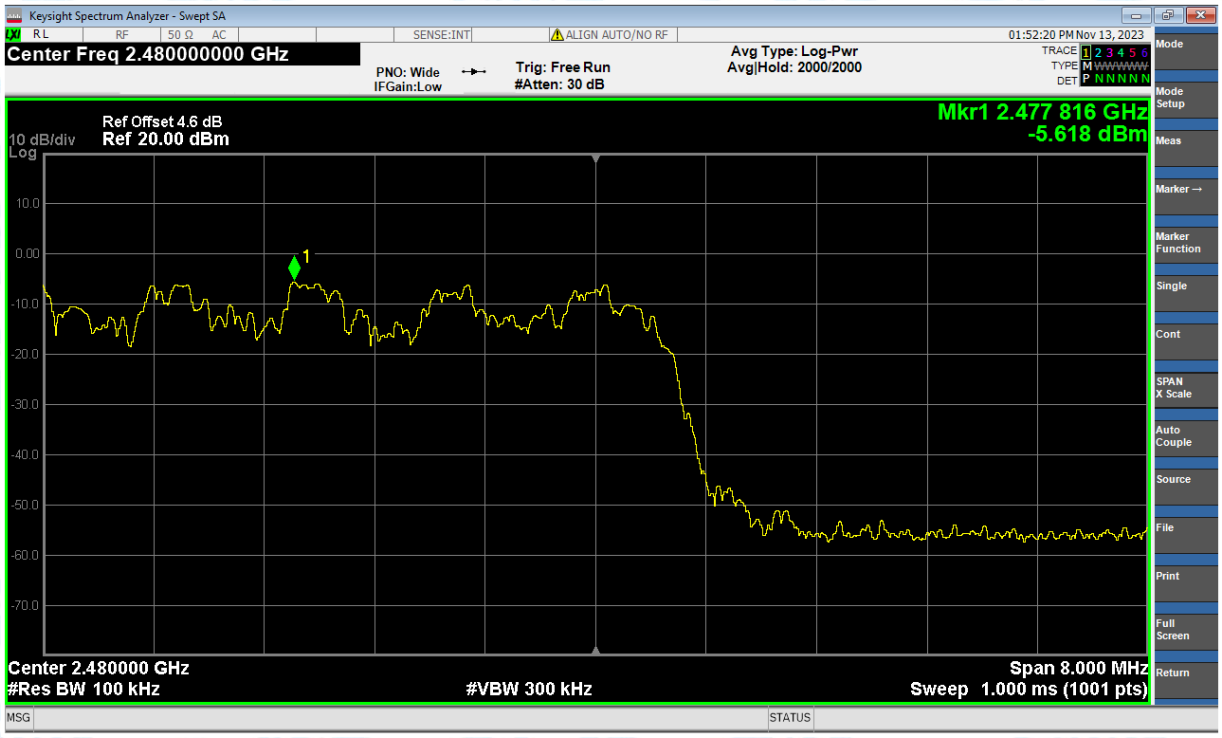
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Ref



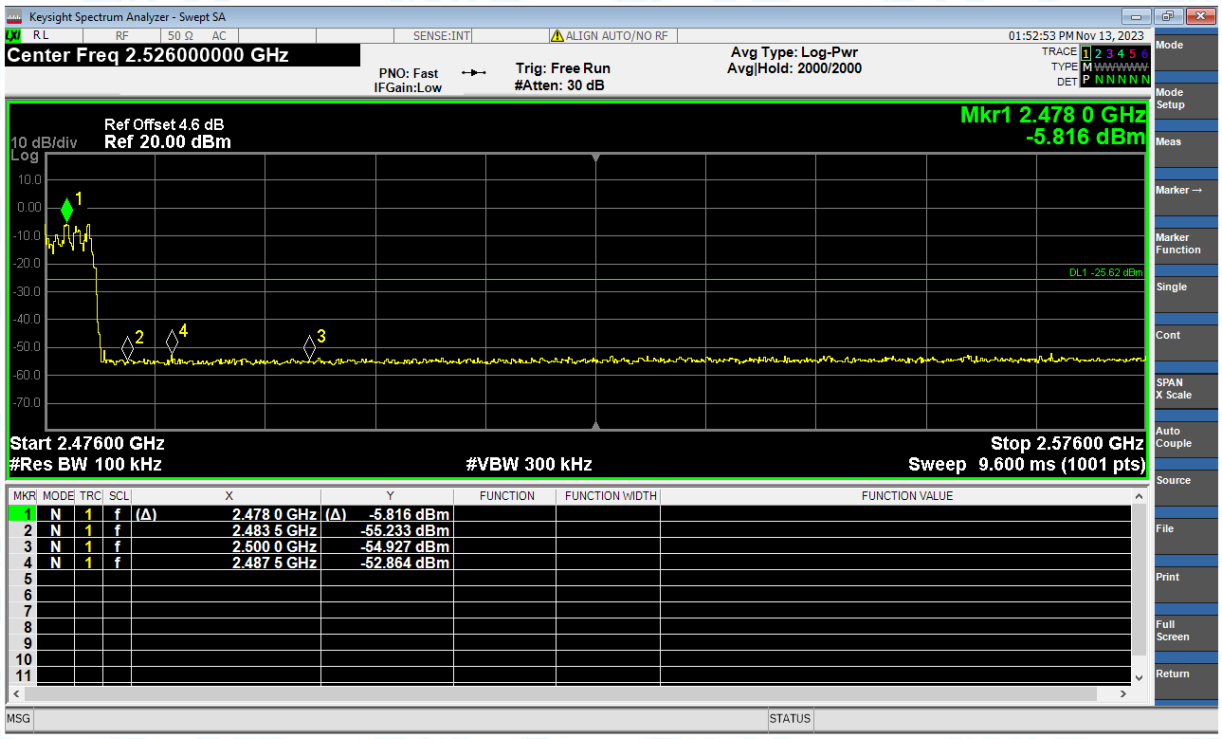
Band Edge(Hopping) NVNT 3-DH1 2402MHz Ant1 Hopping Emission



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 3-DH1 2480MHz Ant1 Hopping Emission

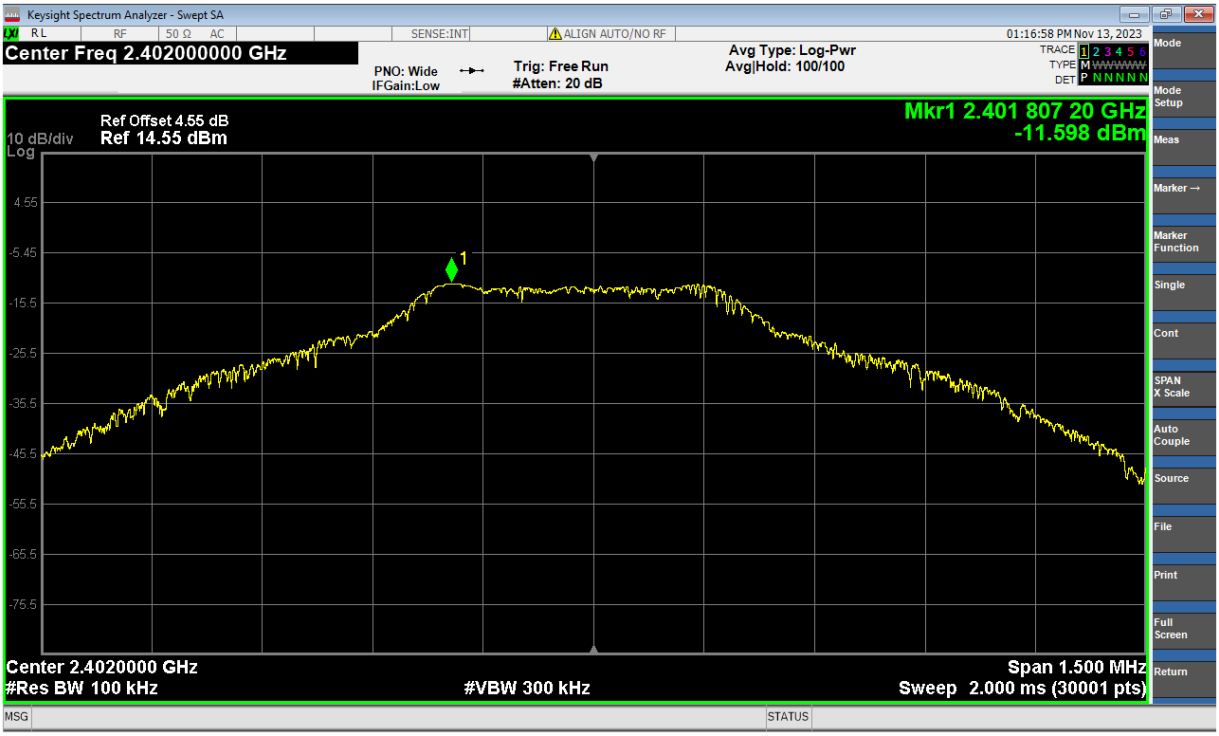


7. Conducted RF Spurious Emission

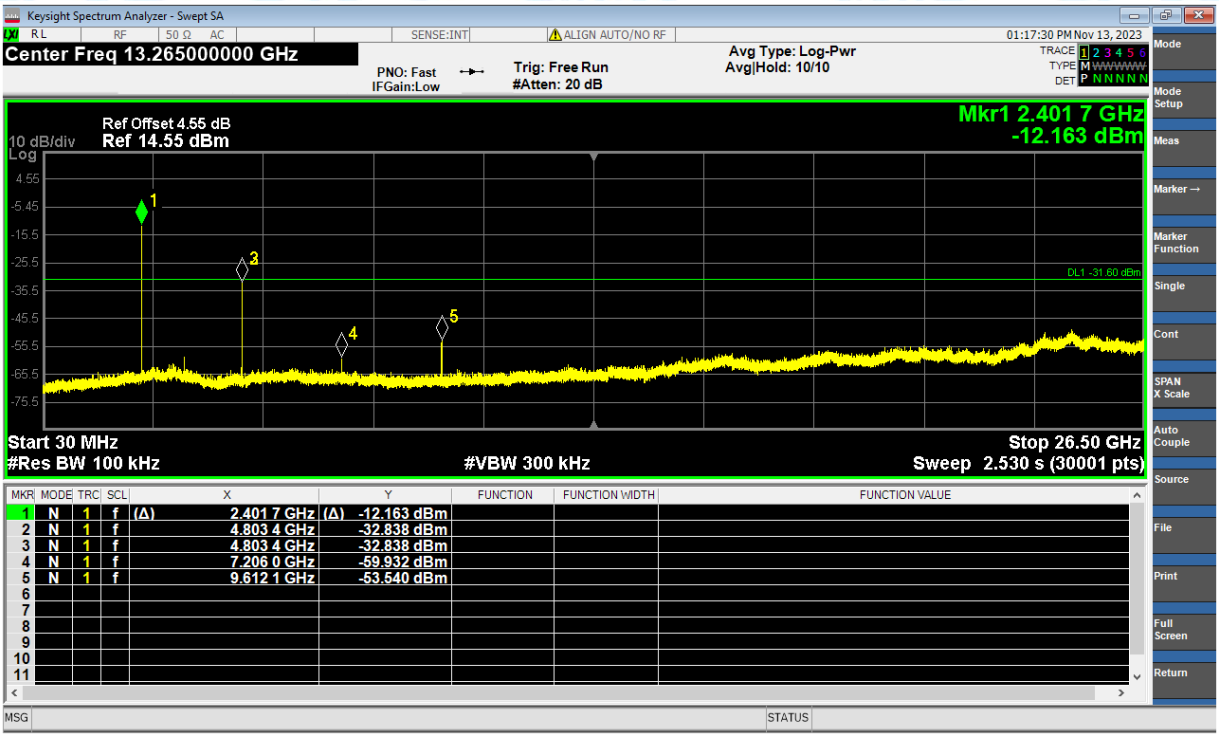
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-21.24	-20	Pass
NVNT	1-DH1	2441	Ant1	-20.87	-20	Pass
NVNT	1-DH1	2480	Ant1	-24.42	-20	Pass
NVNT	2-DH1	2402	Ant1	-20.14	-20	Pass
NVNT	2-DH1	2441	Ant1	-20.2	-20	Pass
NVNT	2-DH1	2480	Ant1	-23.7	-20	Pass
NVNT	3-DH1	2402	Ant1	-21.3	-20	Pass
NVNT	3-DH1	2441	Ant1	-22.69	-20	Pass
NVNT	3-DH1	2480	Ant1	-27.23	-20	Pass

Test Graphs

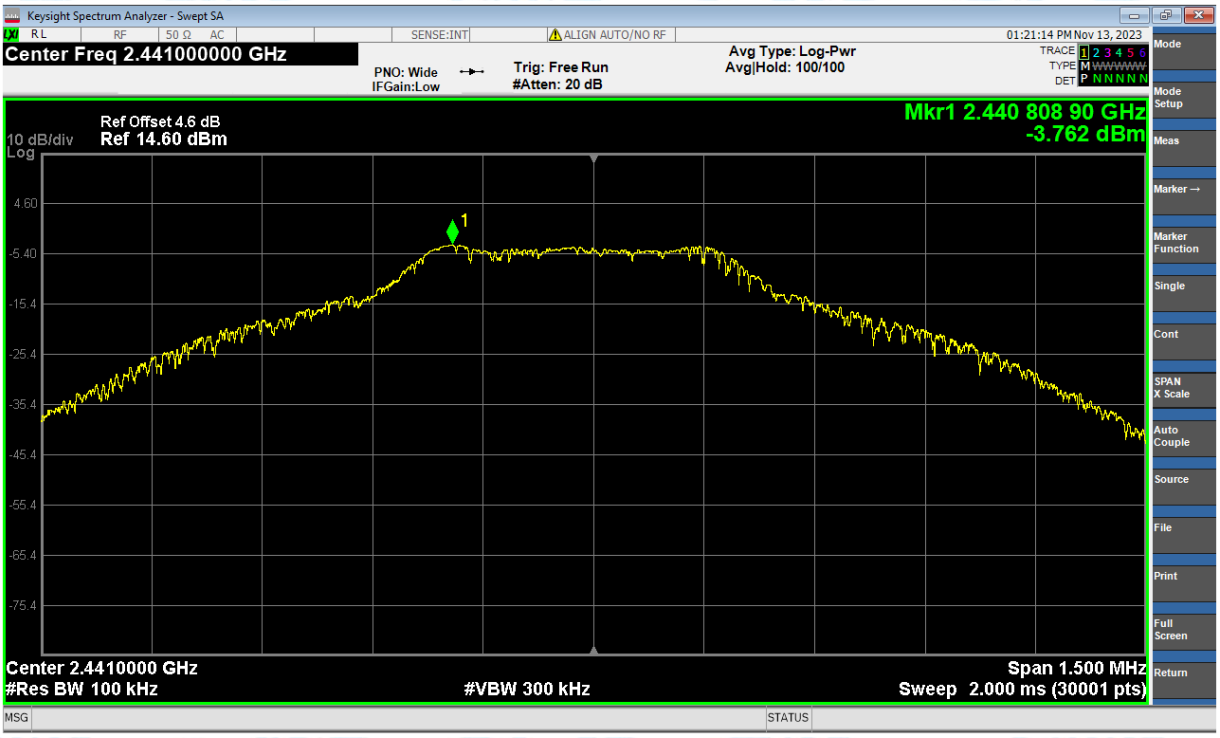
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



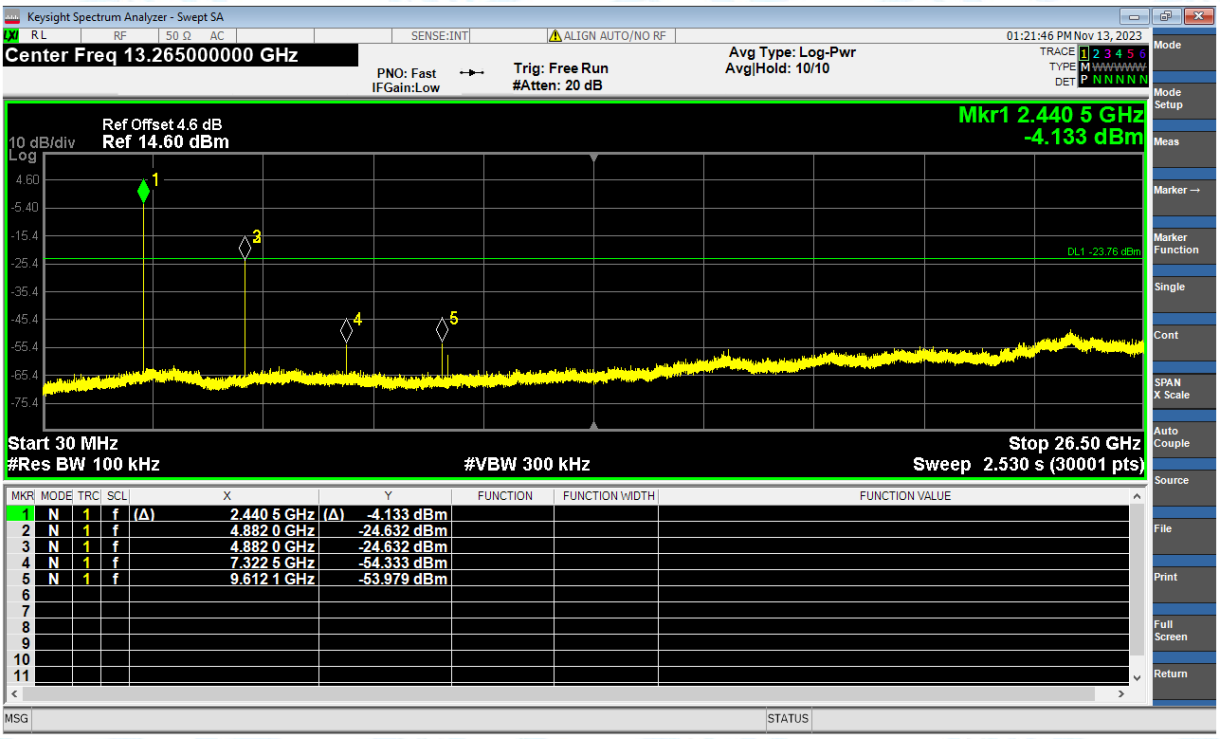
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



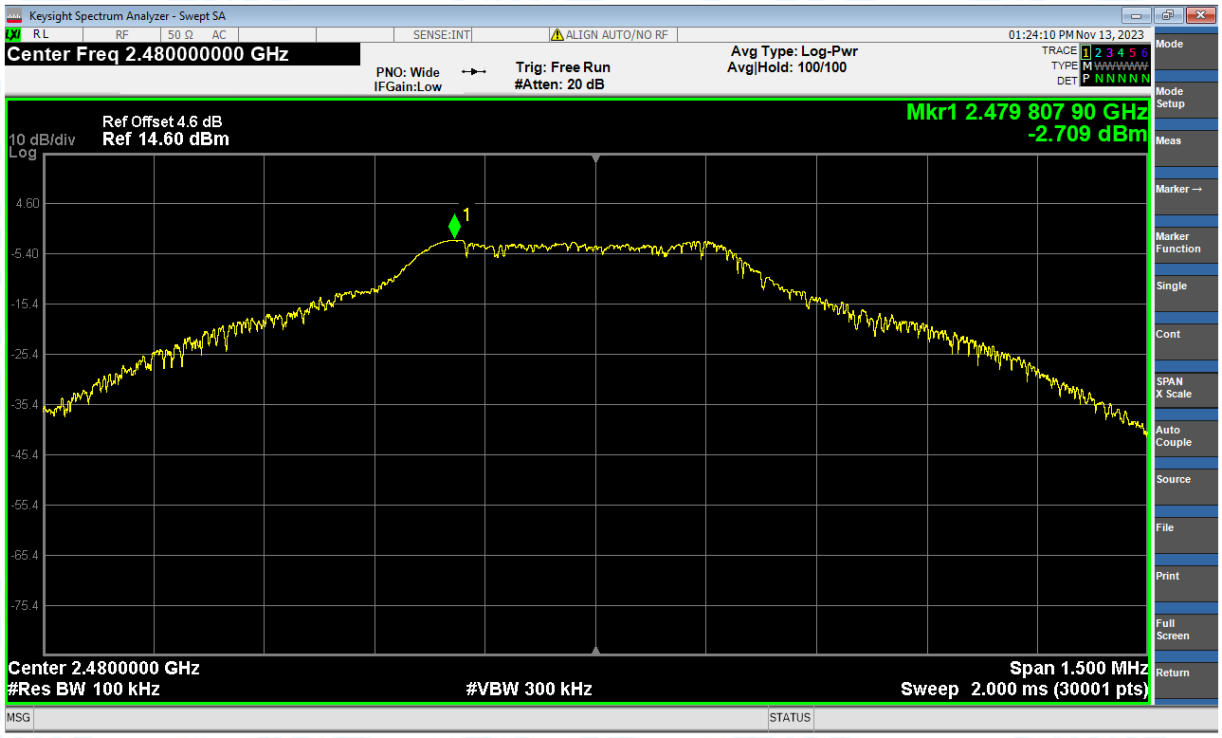
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



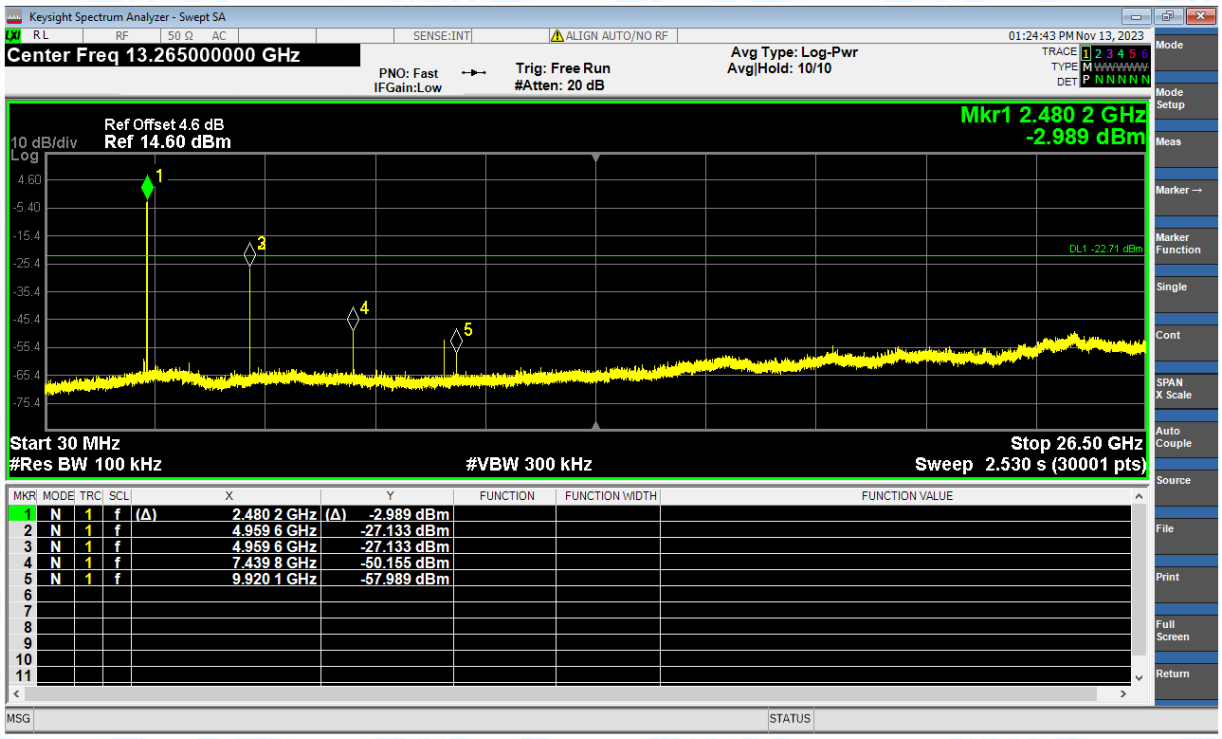
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



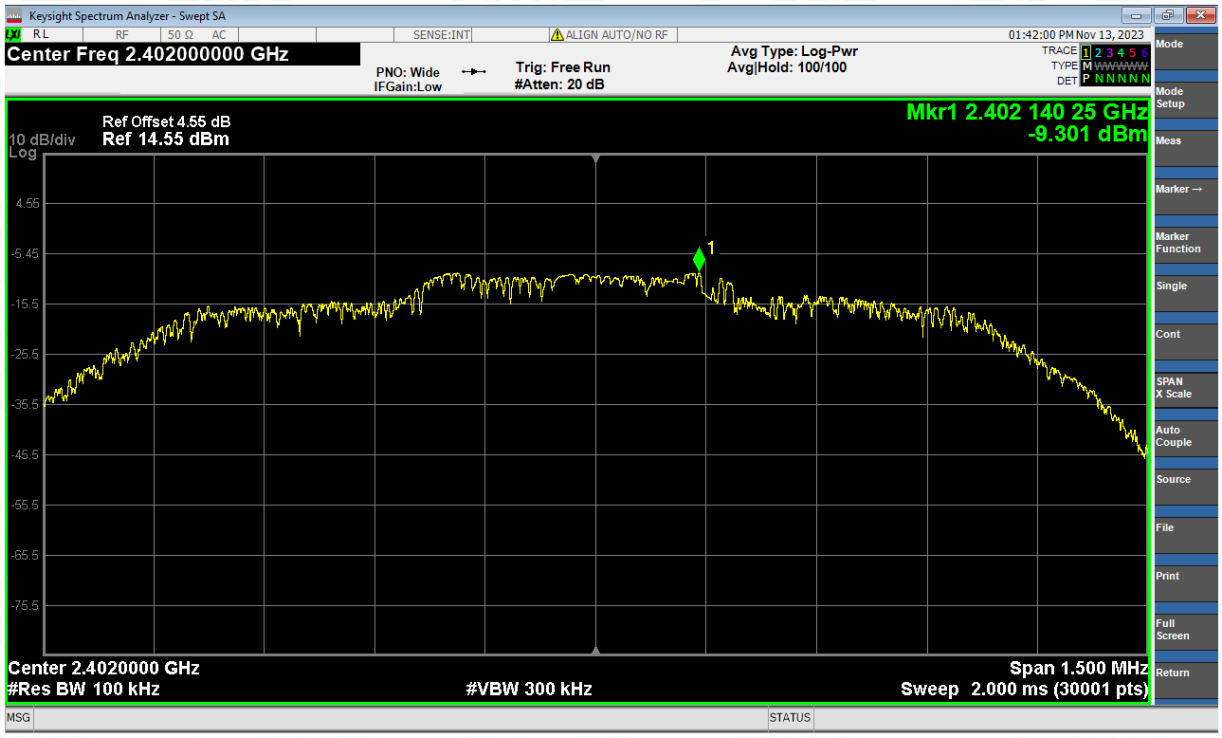
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



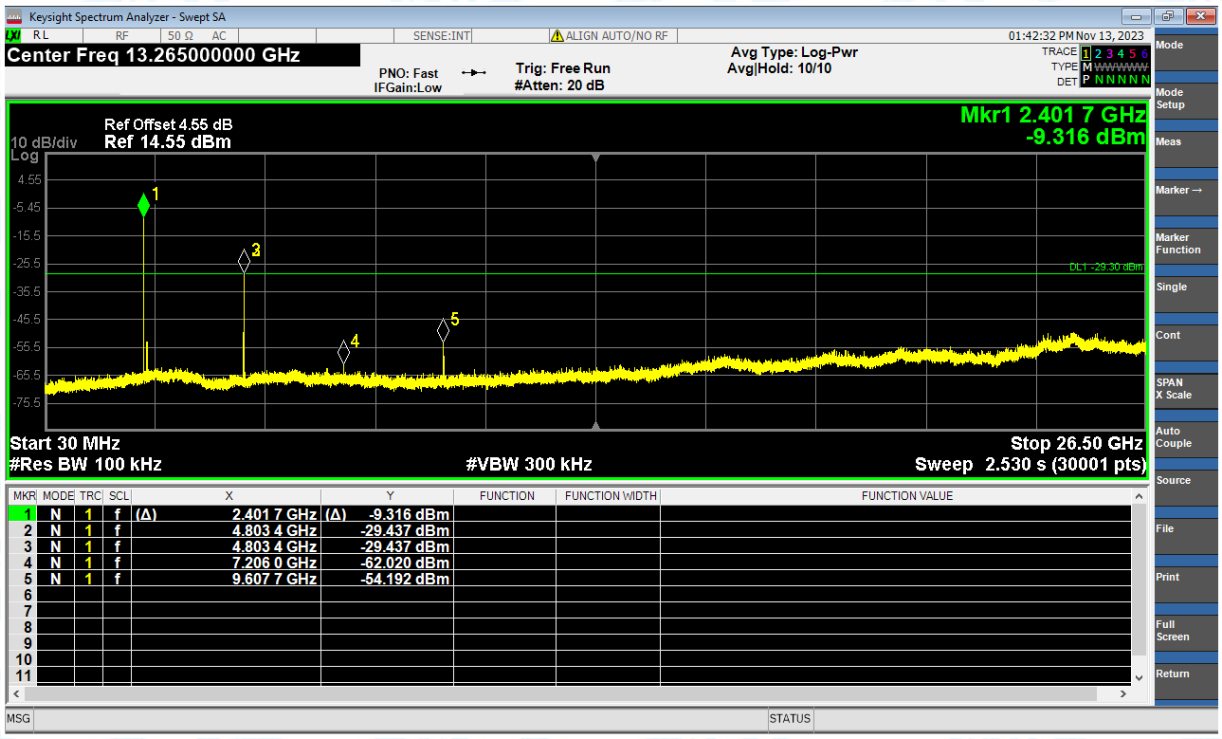
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



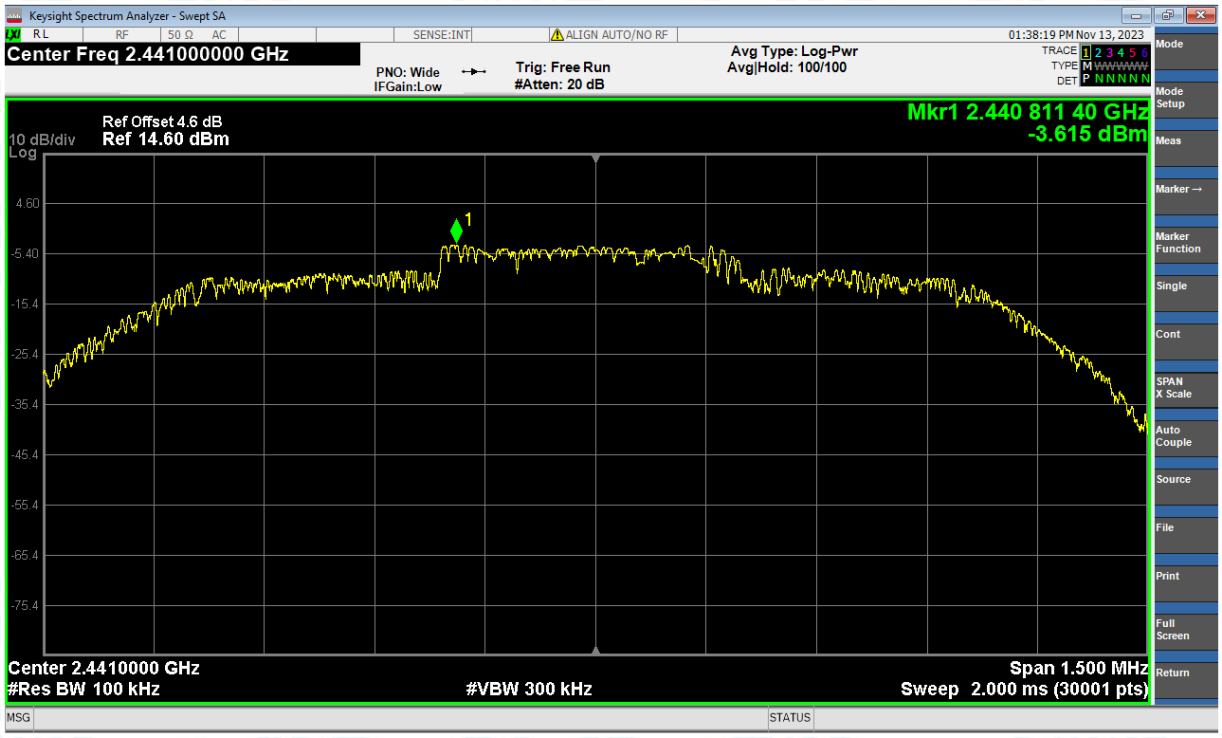
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



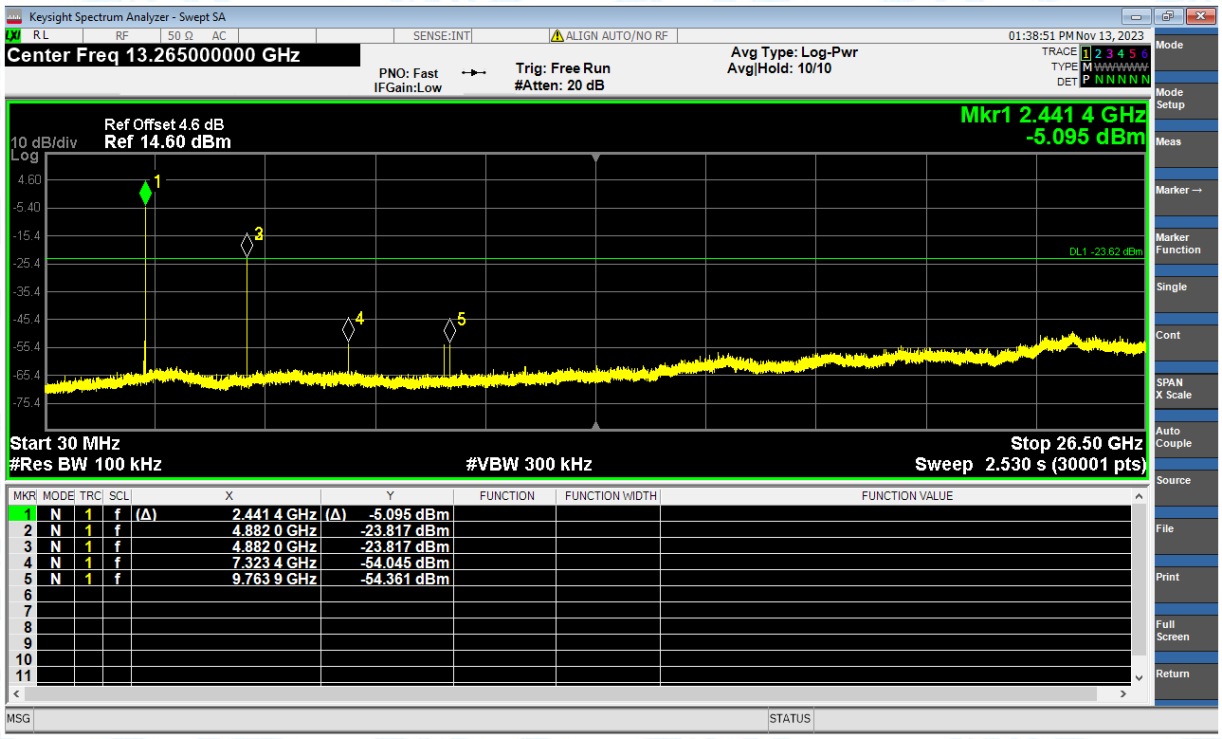
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



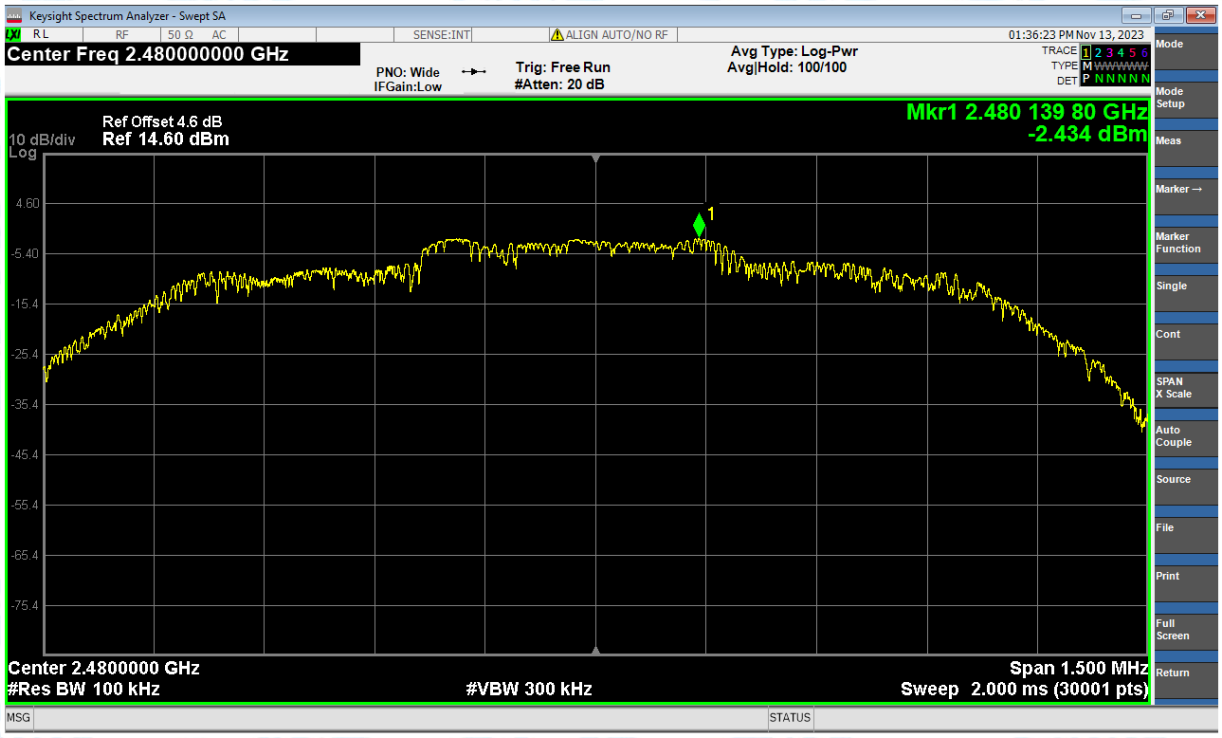
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



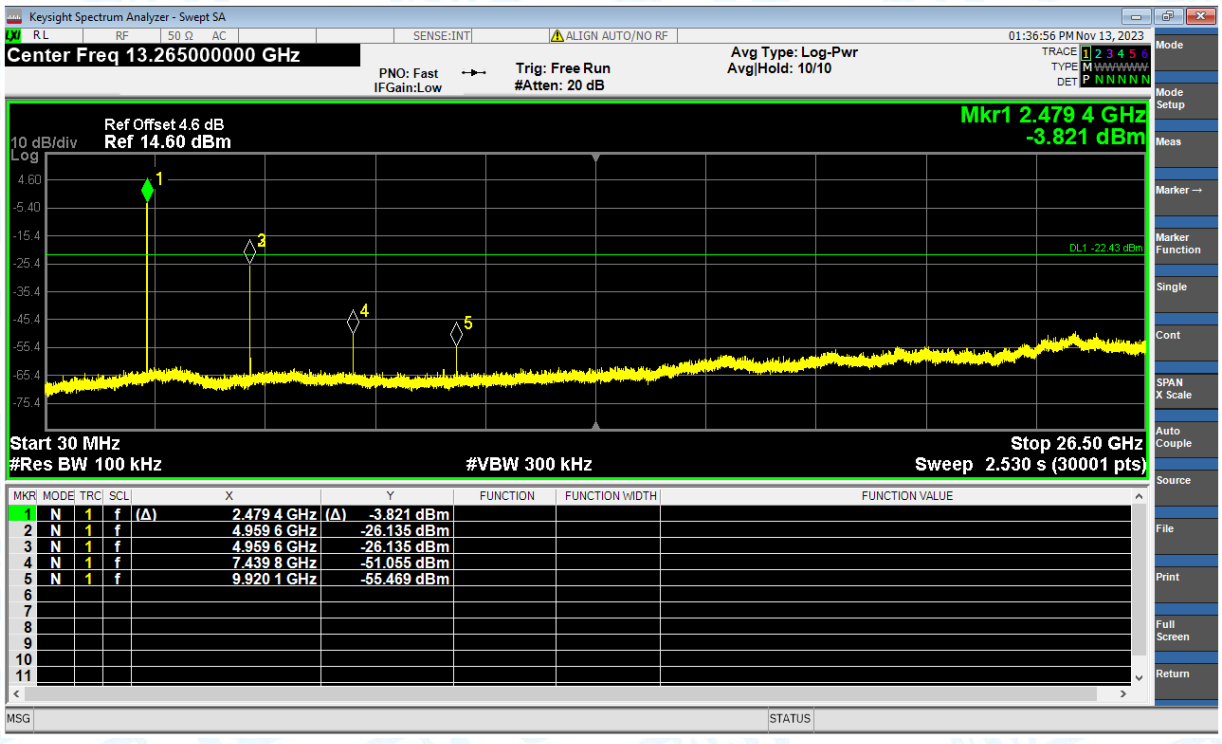
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



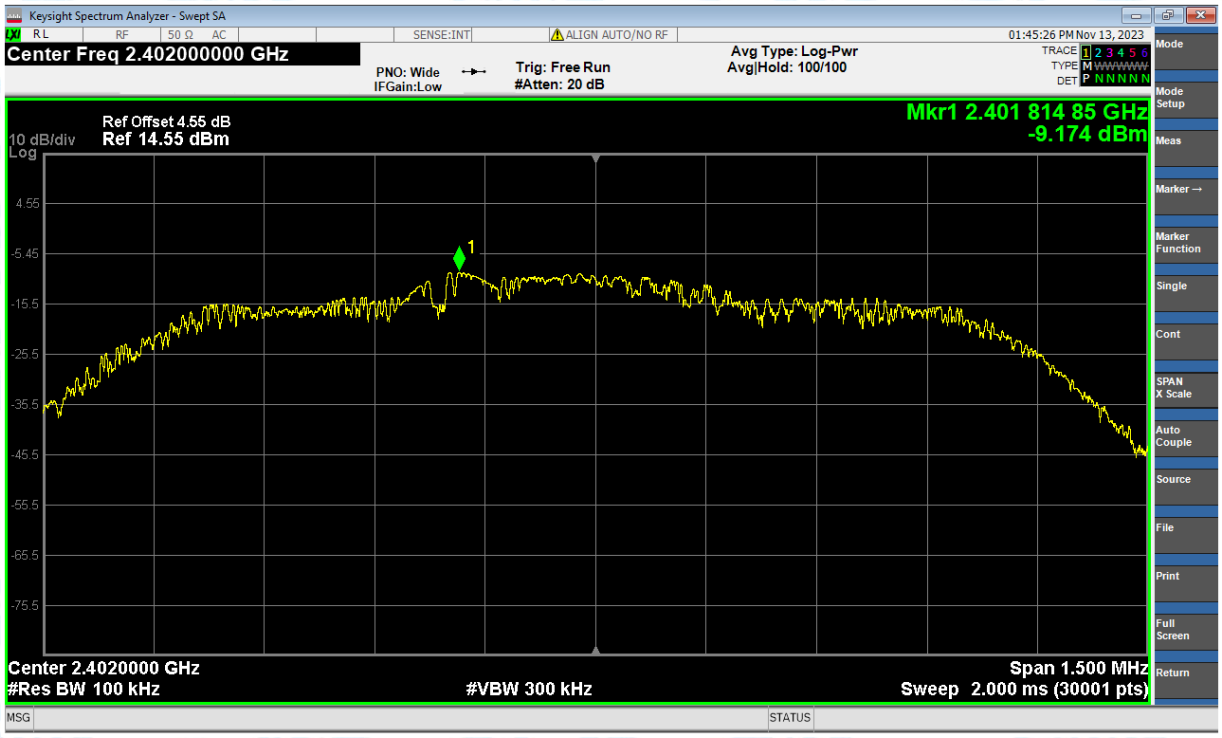
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



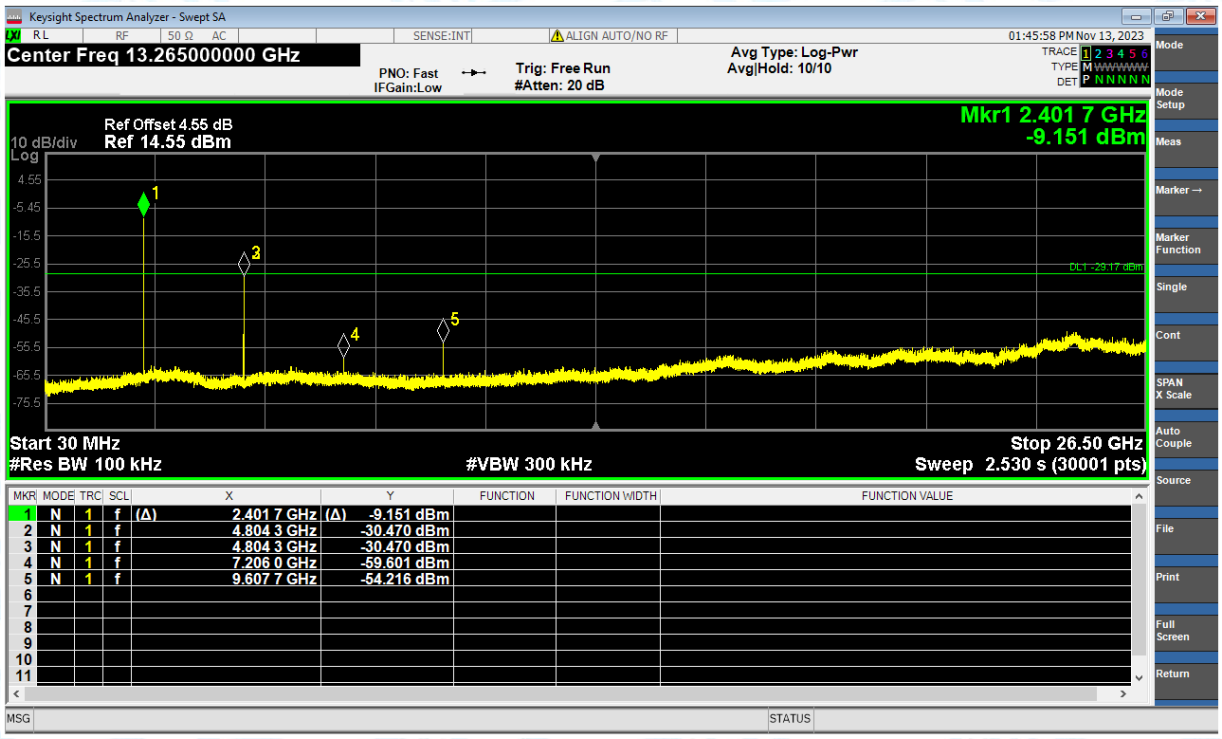
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission



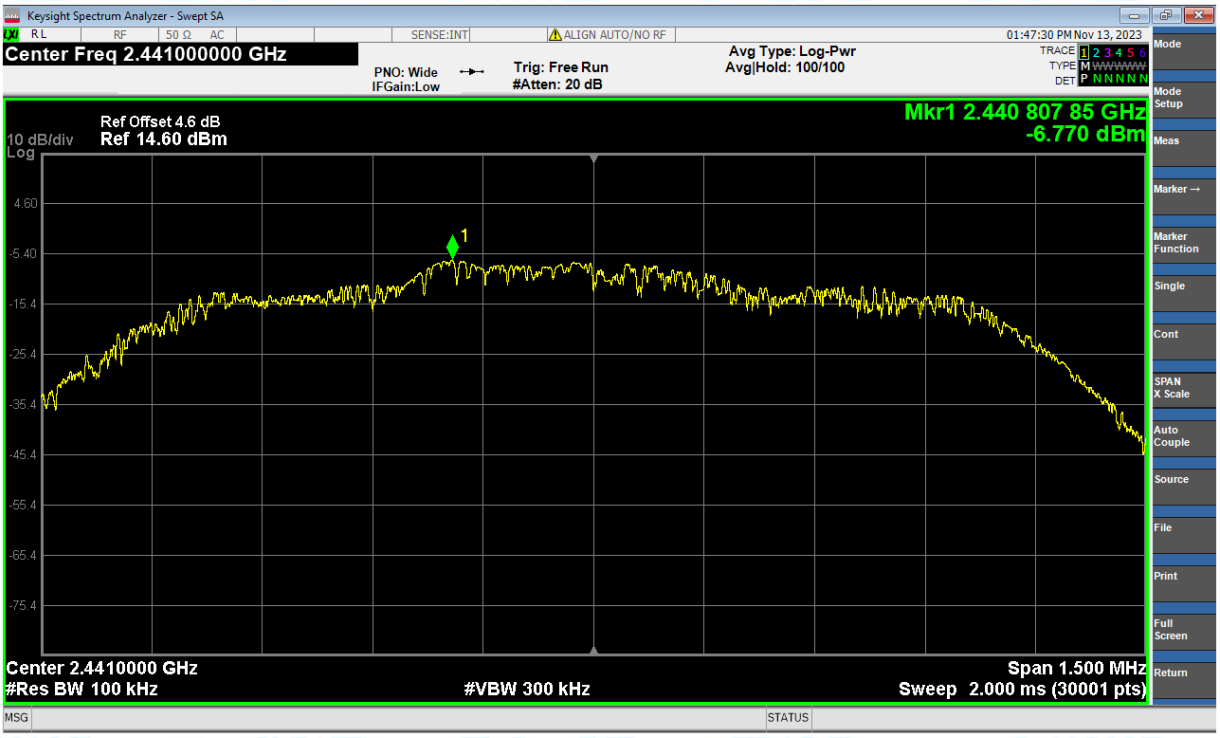
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Ref



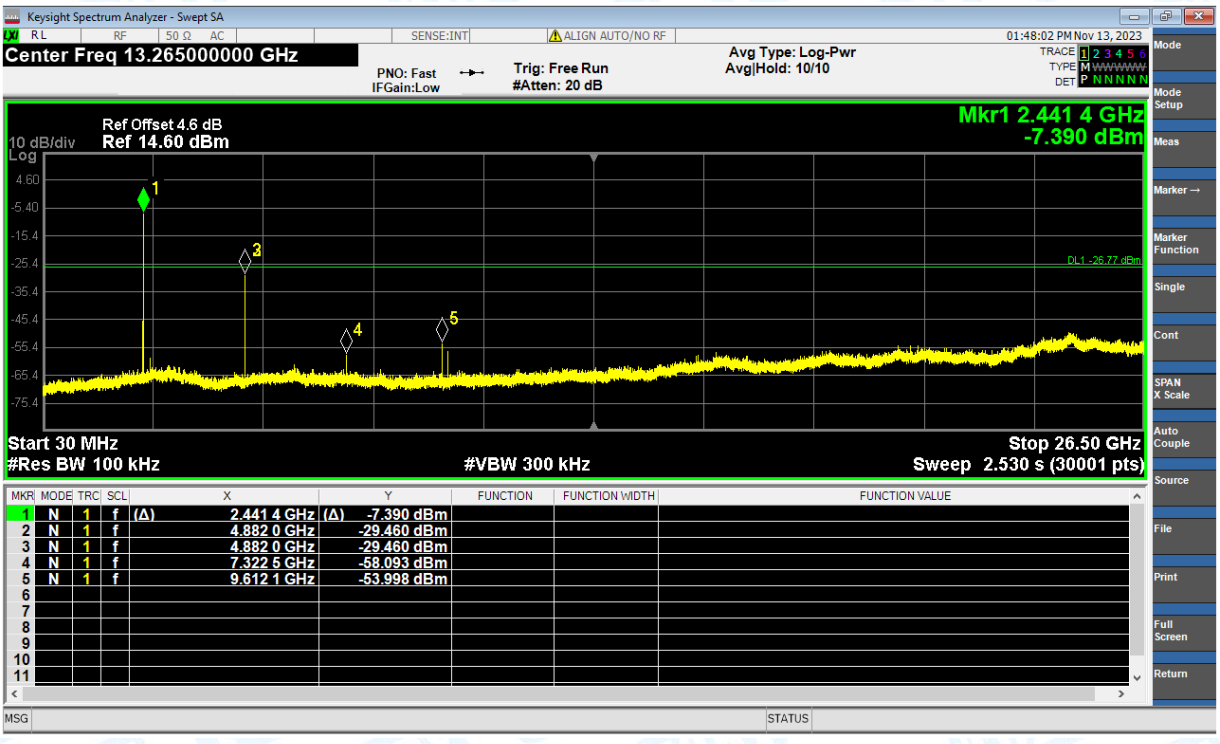
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 Emission



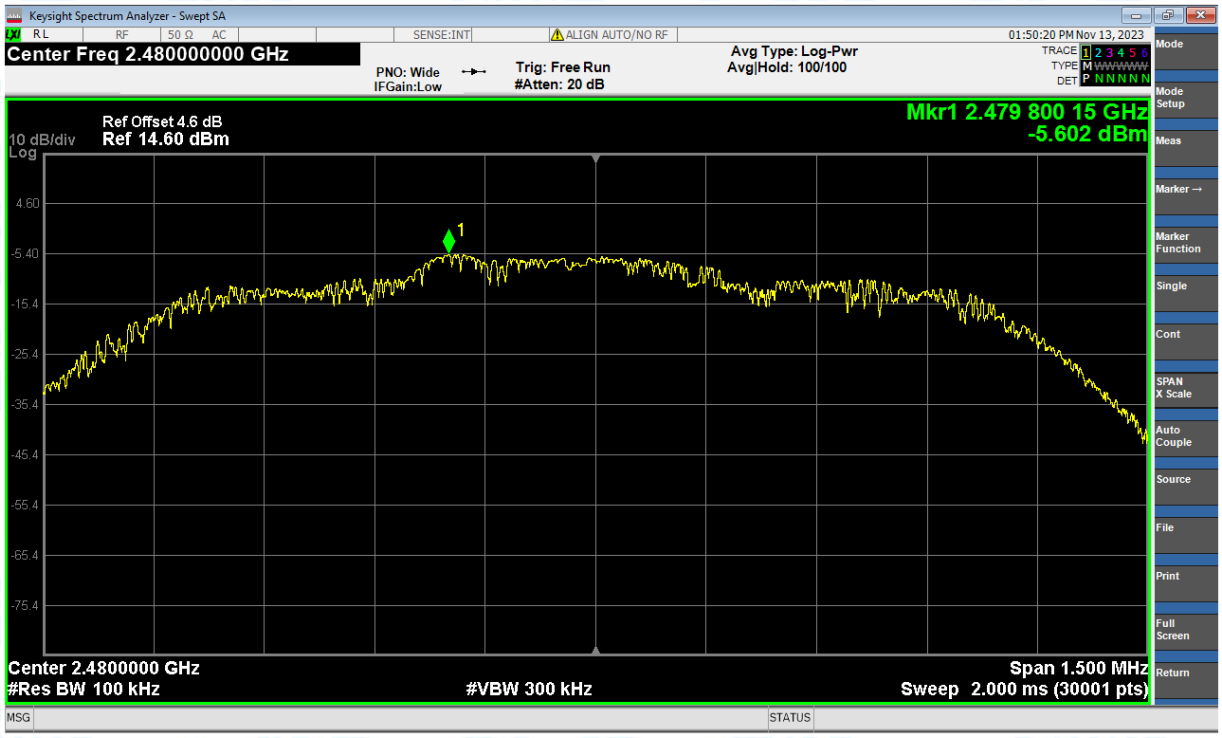
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Ref



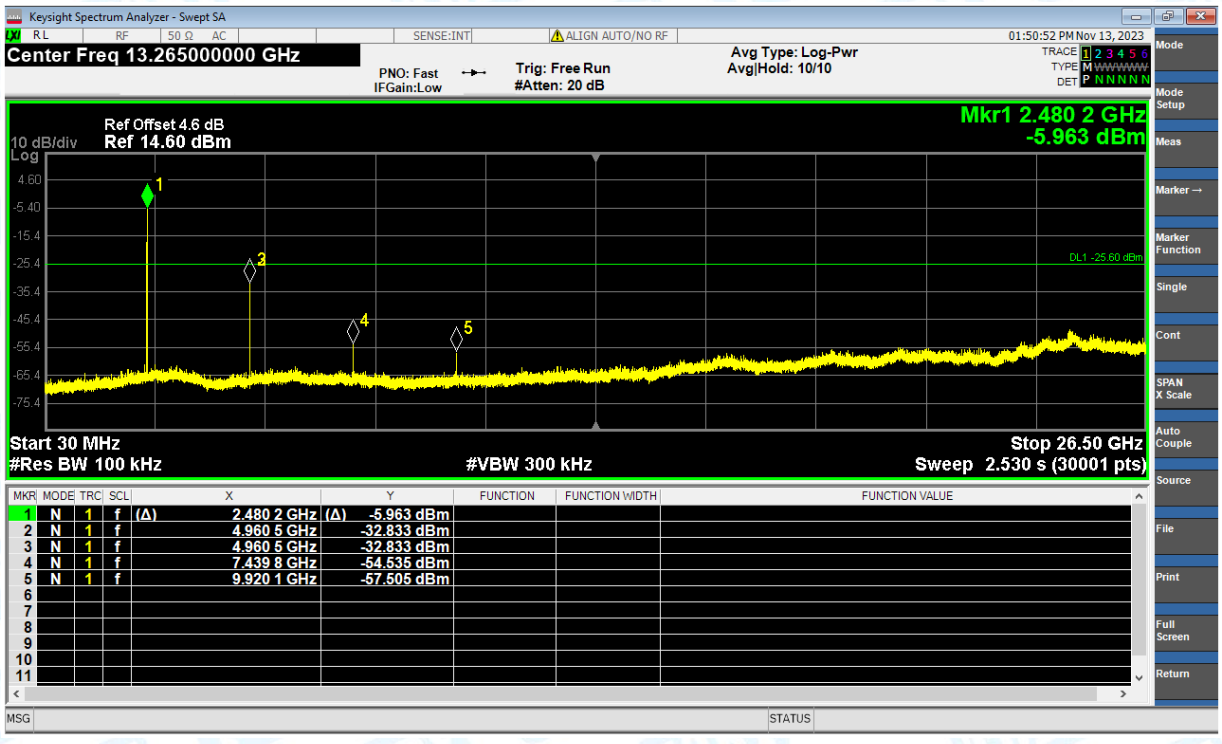
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 Emission

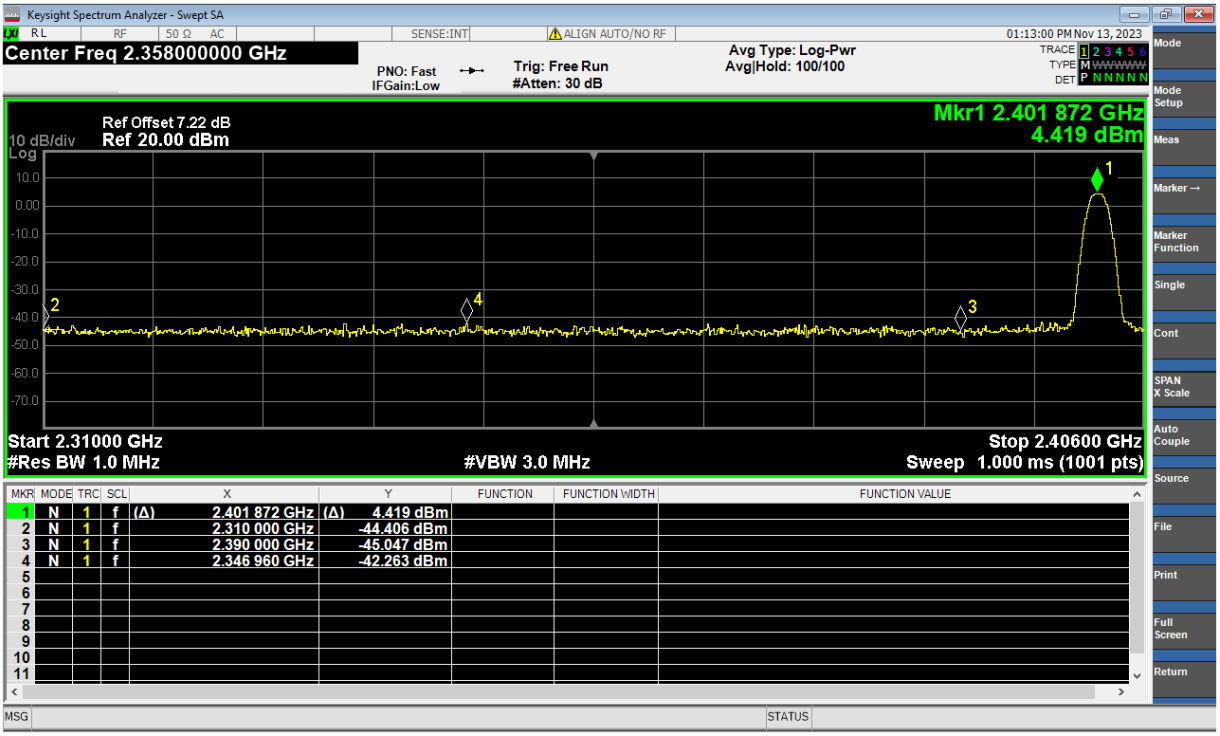


8. Restrict Band

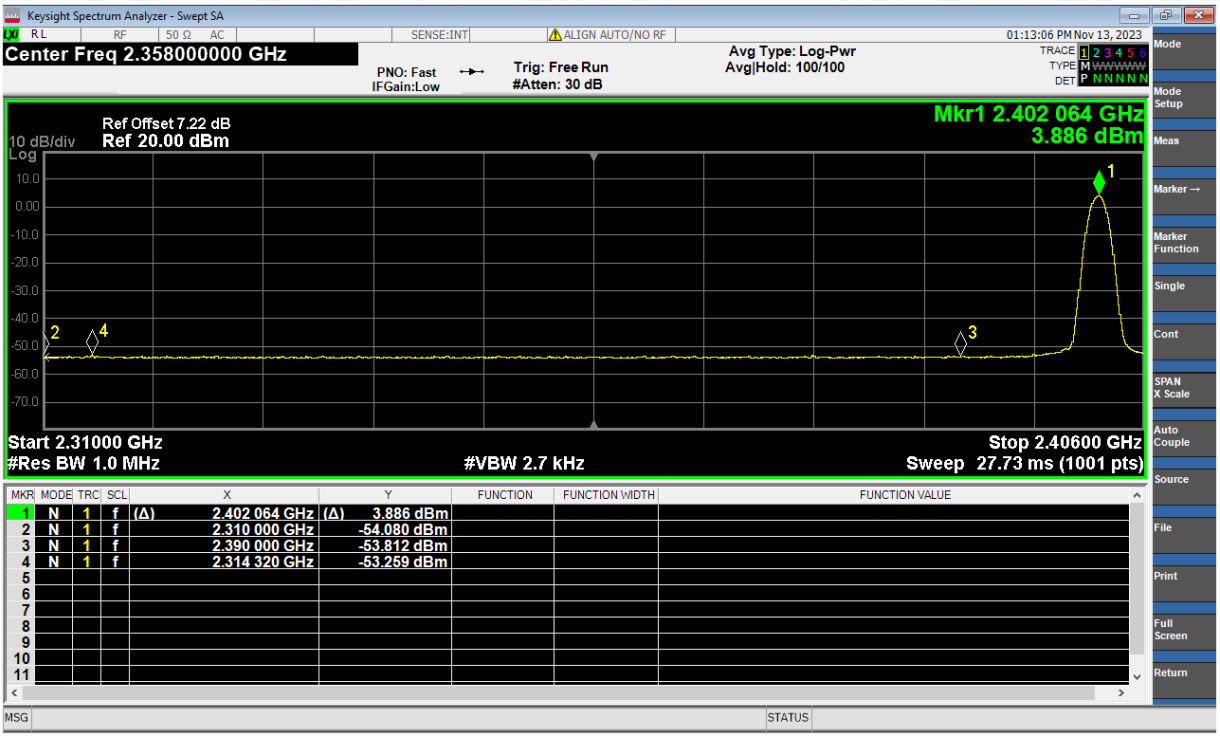
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-44.41	2.7	53.55	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-54.08	2.7	43.87	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2346.96	-42.26	2.7	55.69	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2314.32	-53.26	2.7	44.69	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-45.59	2.7	52.36	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-53.83	2.7	44.12	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-44.69	2.7	53.26	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-52.64	2.7	45.31	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.608	-41.18	2.7	56.77	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.56	-52.42	2.7	45.53	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-44.76	2.7	53.19	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-53.86	2.7	44.09	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-45.88	2.7	52.07	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-54.17	2.7	43.78	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2384.208	-42.03	2.7	55.92	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2353.968	-53.4	2.7	44.55	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-44.71	2.7	53.24	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-53.94	2.7	44.01	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-40.15	2.7	57.80	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-53.04	2.7	44.91	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.536	-39.69	2.7	58.26	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.92	-52.56	2.7	45.39	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-45.45	2.7	52.50	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-53.59	2.7	44.36	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-45.09	2.7	52.86	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-54.14	2.7	43.81	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2389.872	-42.01	2.7	55.94	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2386.704	-53.55	2.7	44.40	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-44.3	2.7	53.65	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-53.86	2.7	44.09	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-44.2	2.7	53.75	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-53.25	2.7	44.70	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.632	-41.35	2.7	56.60	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2484.424	-53.16	2.7	44.79	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-45.55	2.7	52.40	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-53.84	2.7	44.11	Average	54	Pass

Test Graphs

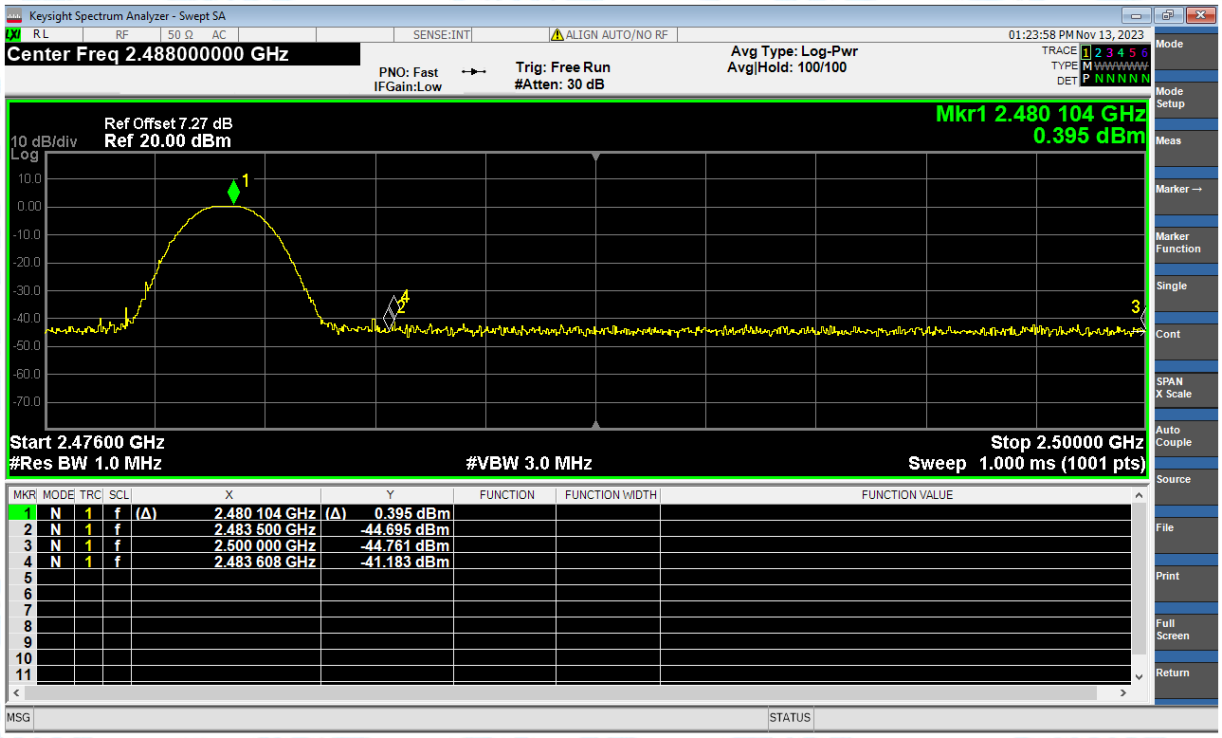
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



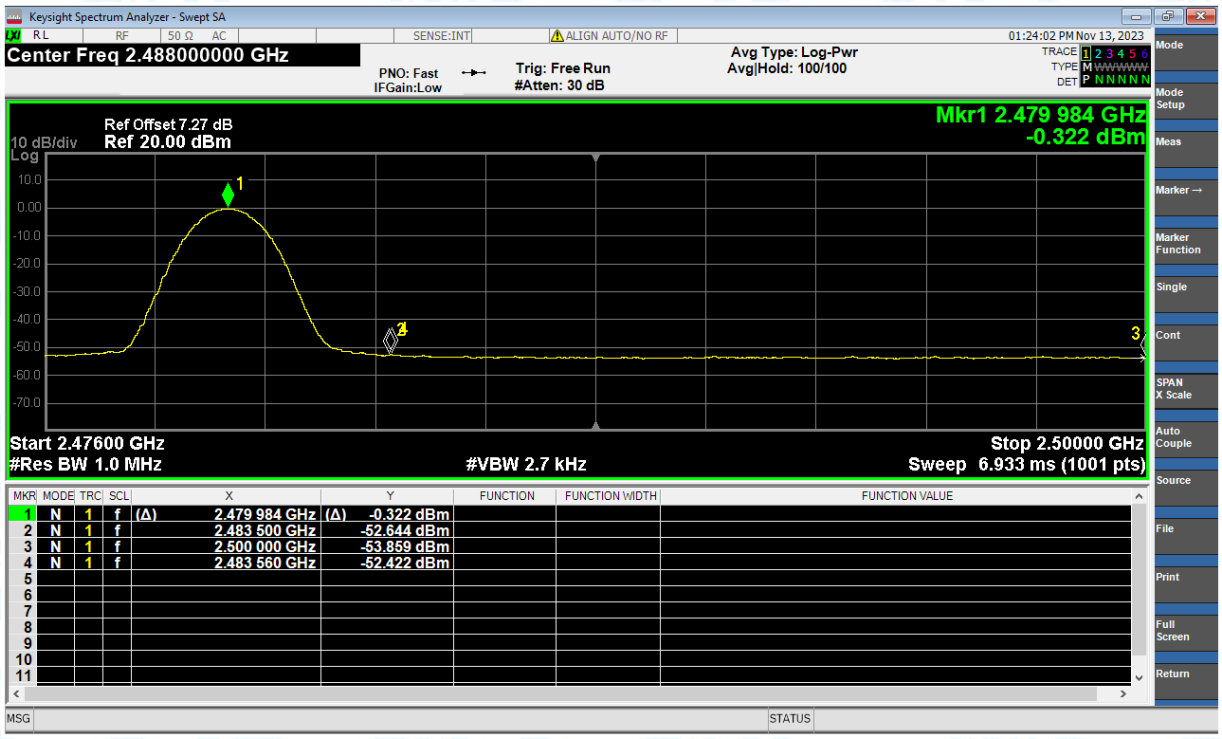
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average



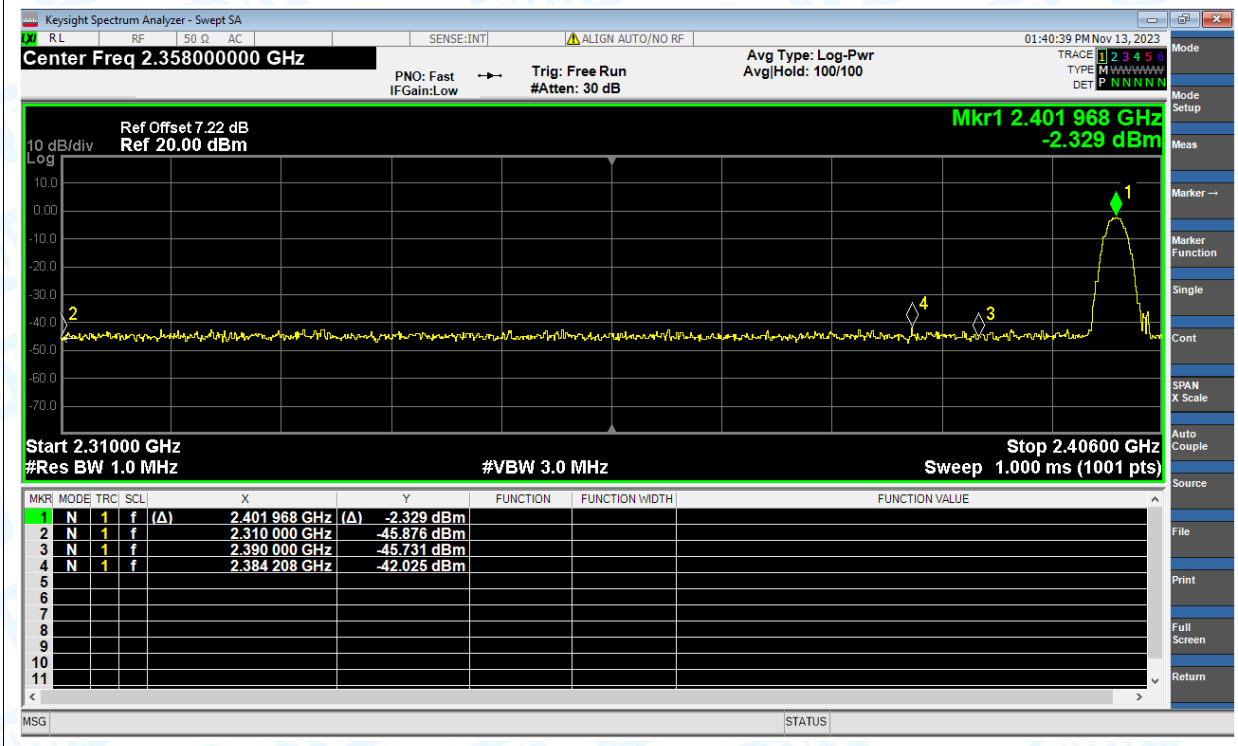
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak



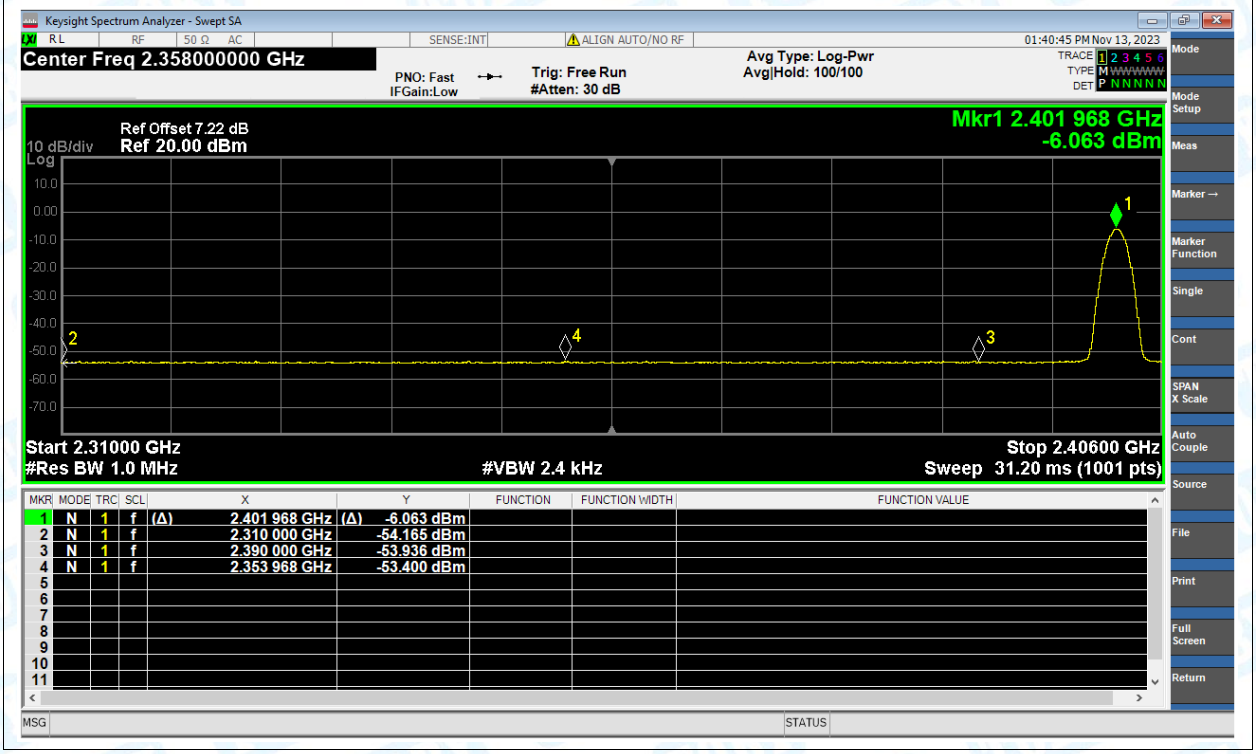
Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average



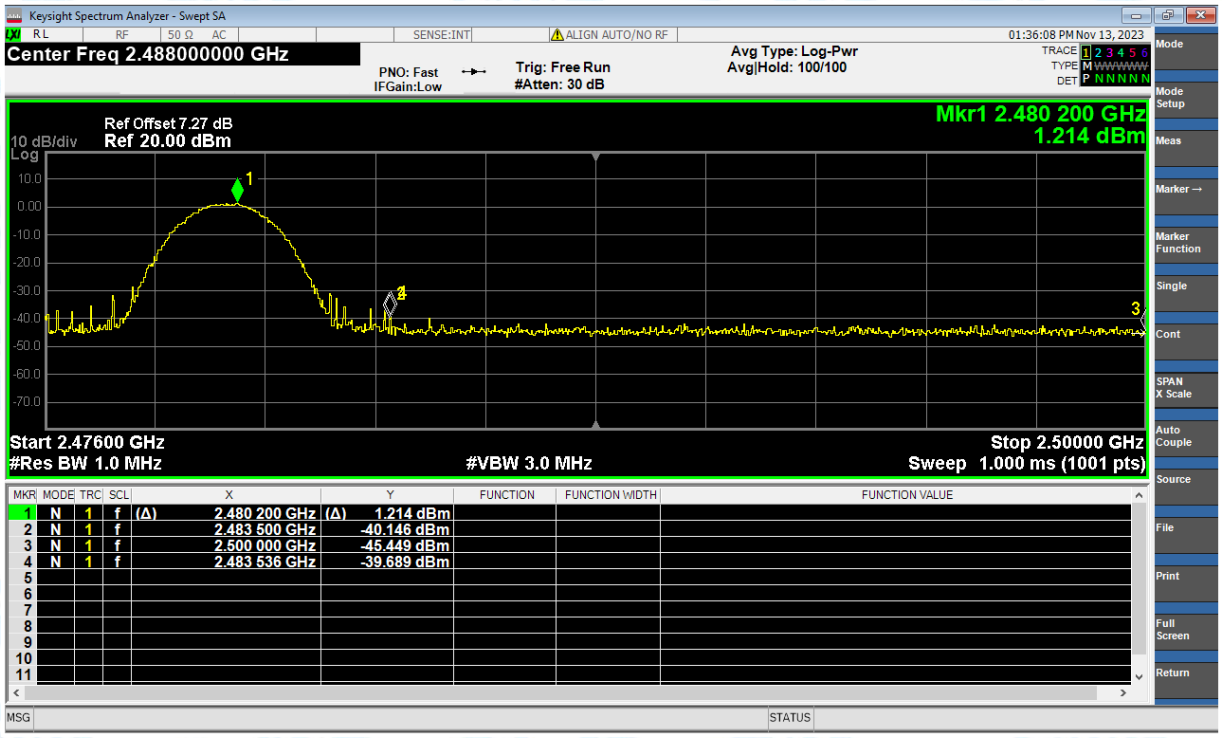
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Peak



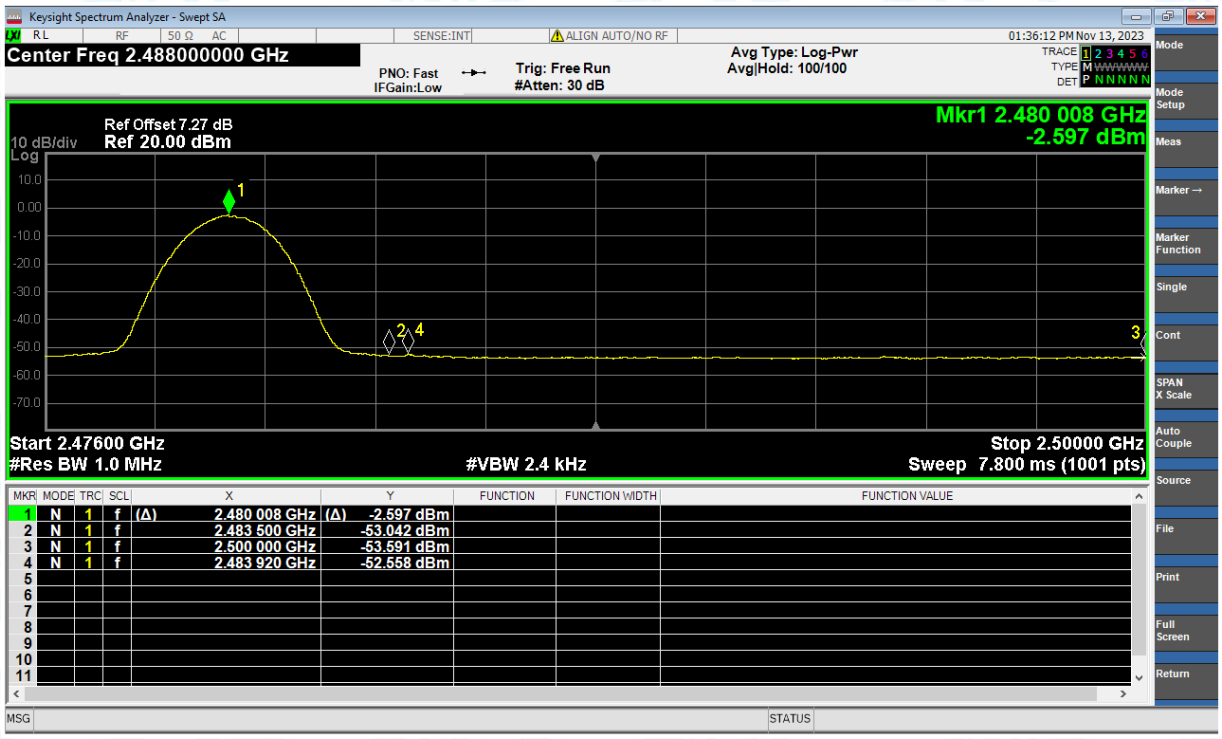
Restrict Band NVNT 2-DH1 2402MHz Ant1 No-Hopping Average



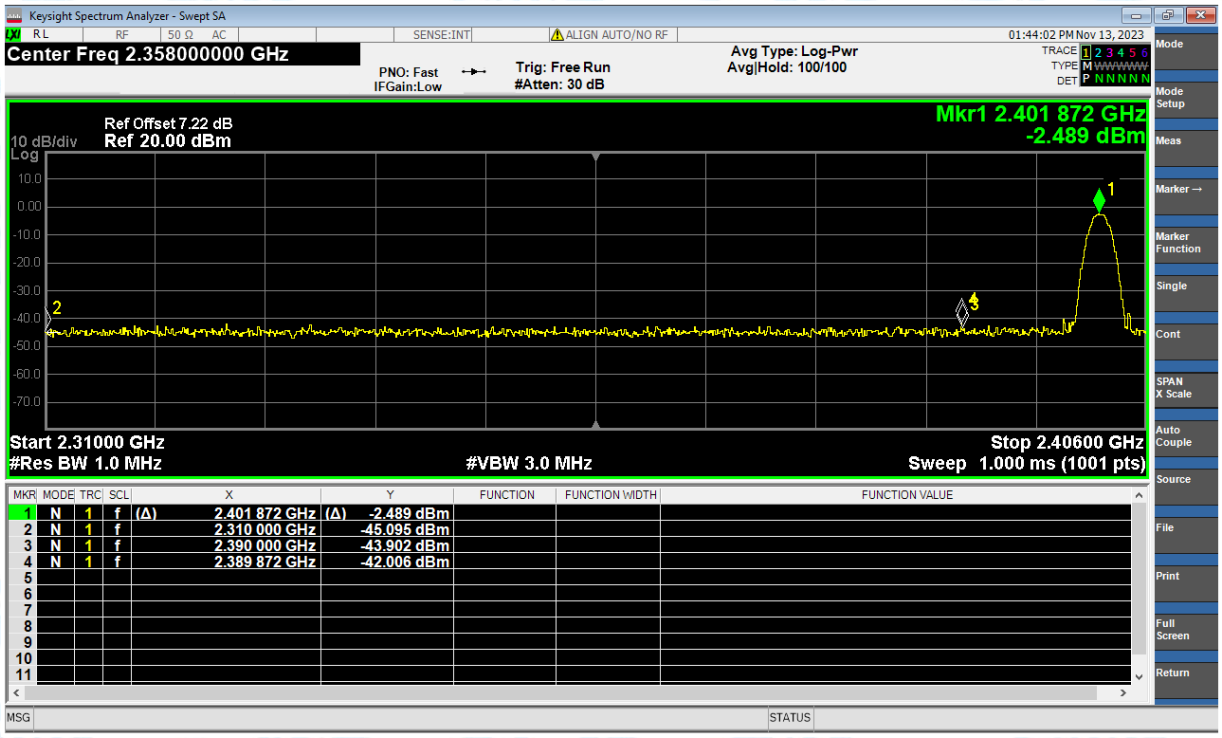
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



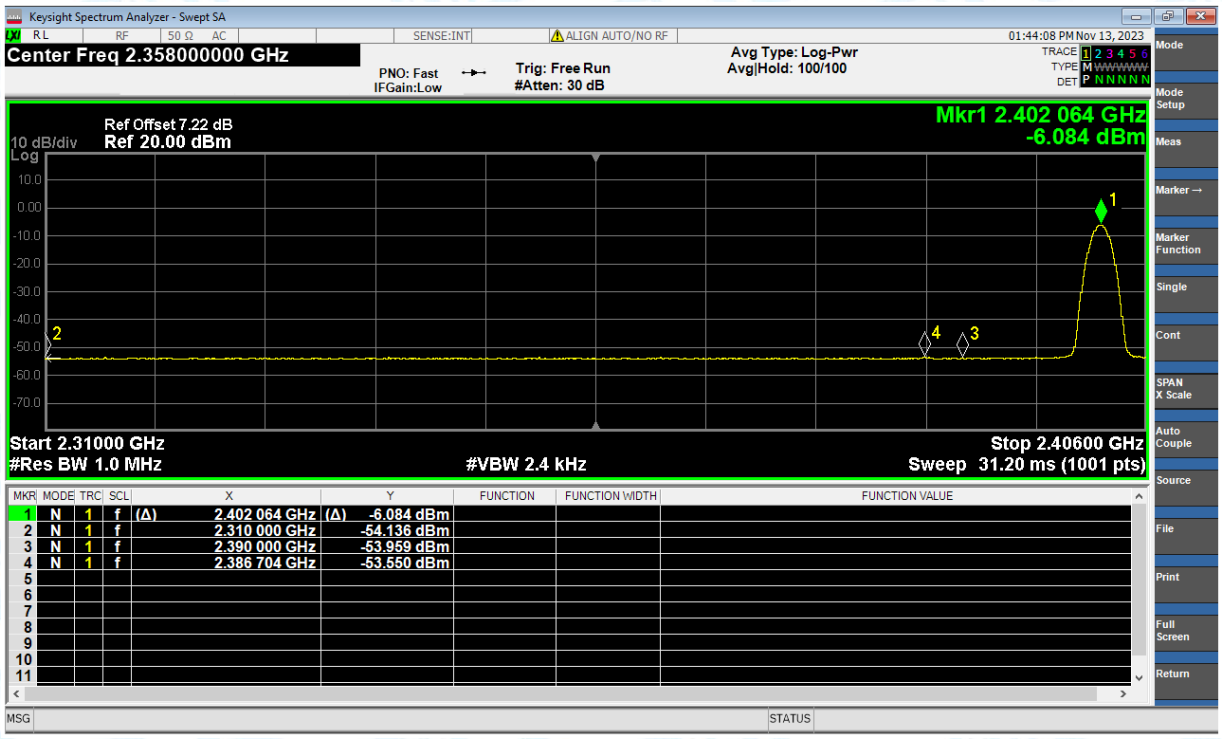
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average



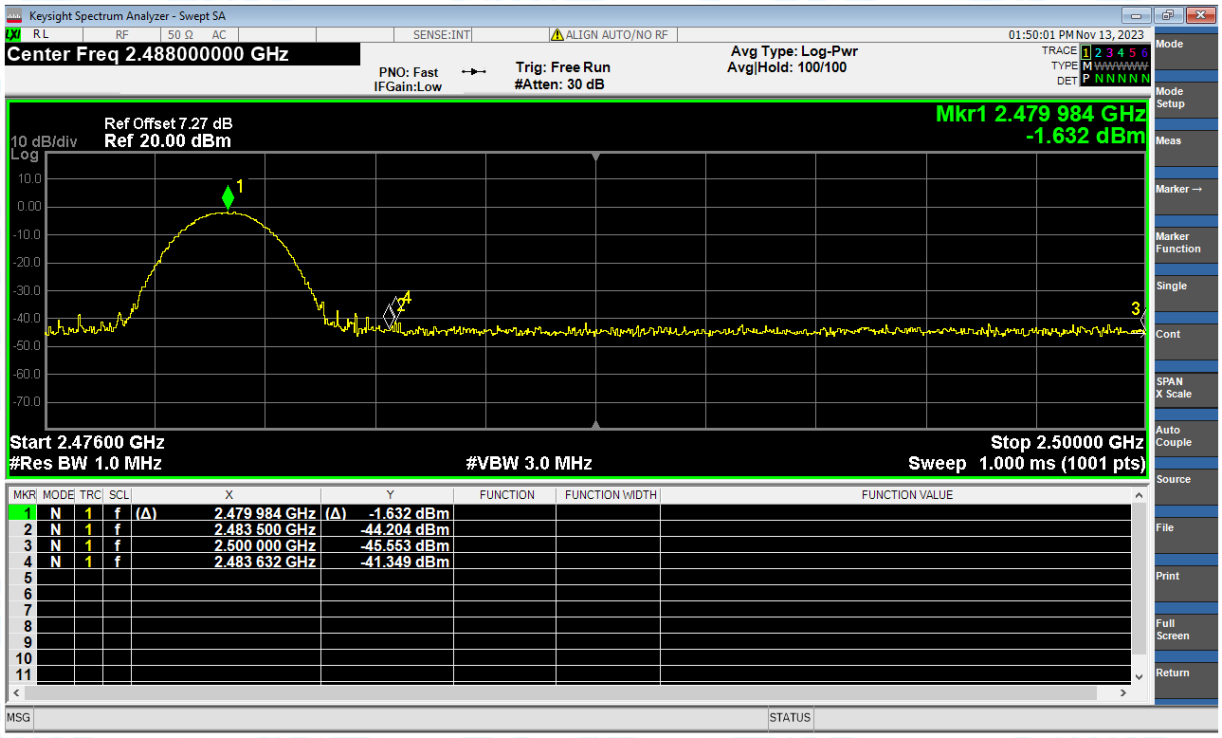
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average



Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Peak



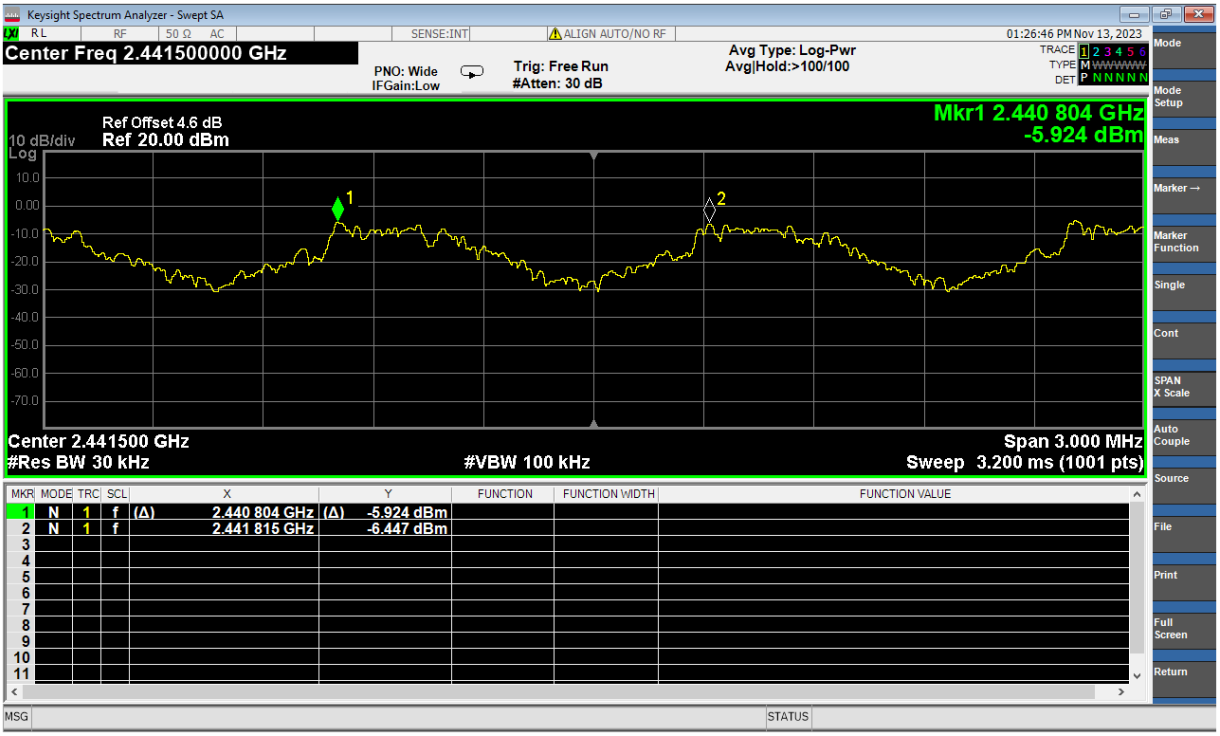
Restrict Band NVNT 3-DH1 2480MHz Ant1 No-Hopping Average

9. Carrier Frequencies Separation

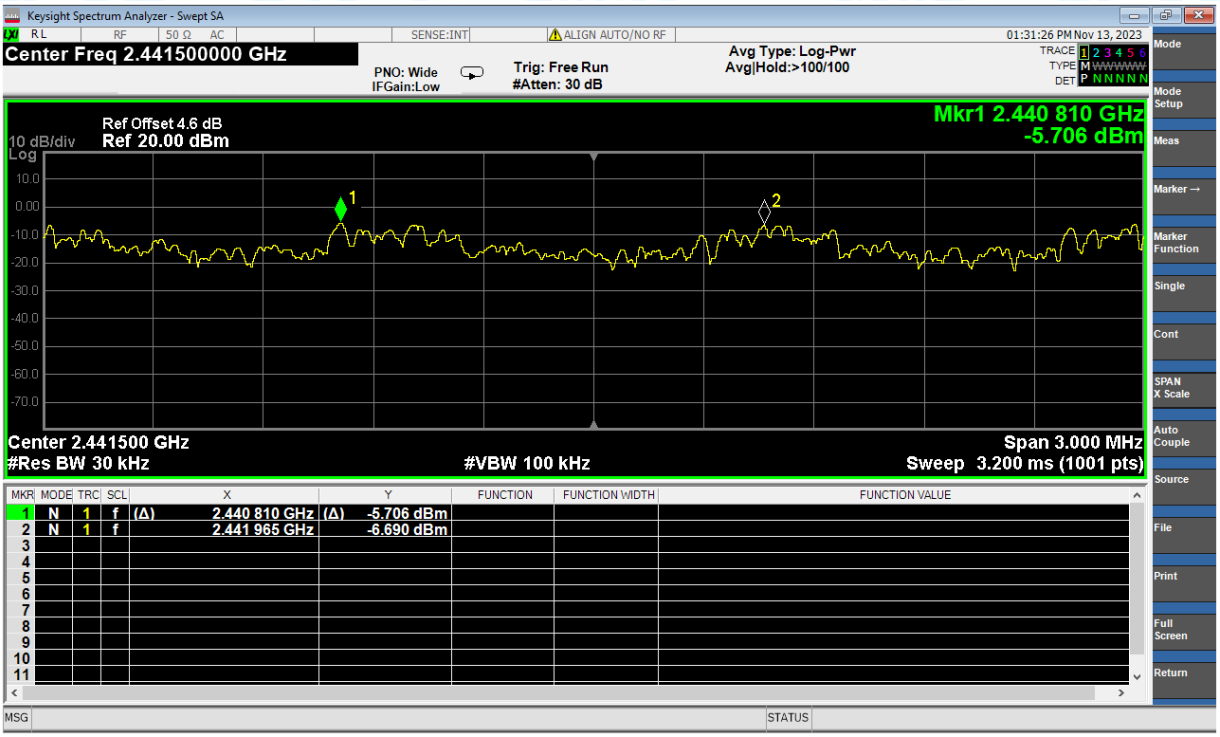
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.804	2441.815	1.011	0.6	Pass
NVNT	2-DH1	Ant1	2440.81	2441.965	1.155	0.025	Pass
NVNT	3-DH1	Ant1	2440.804	2441.812	1.008	0.813	Pass

Test Graphs

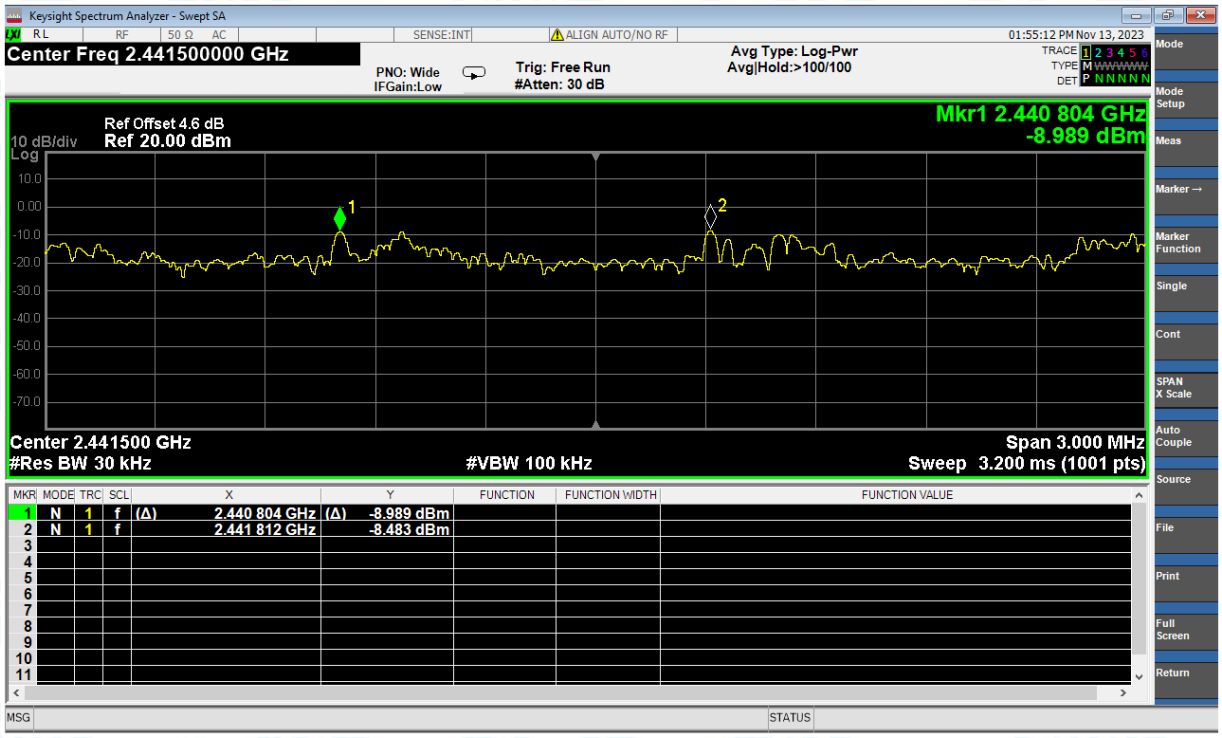
CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1



CFS NVNT 3-DH1 2441MHz Ant1

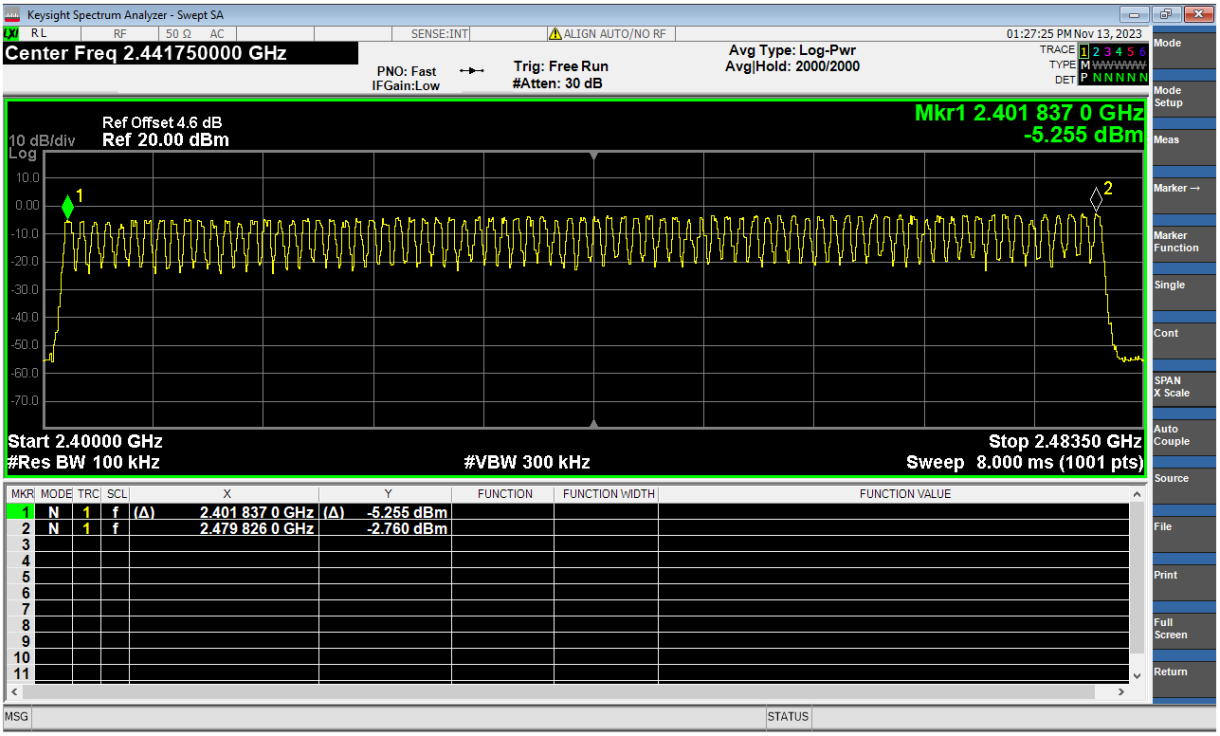


10. Number of Hopping Channel

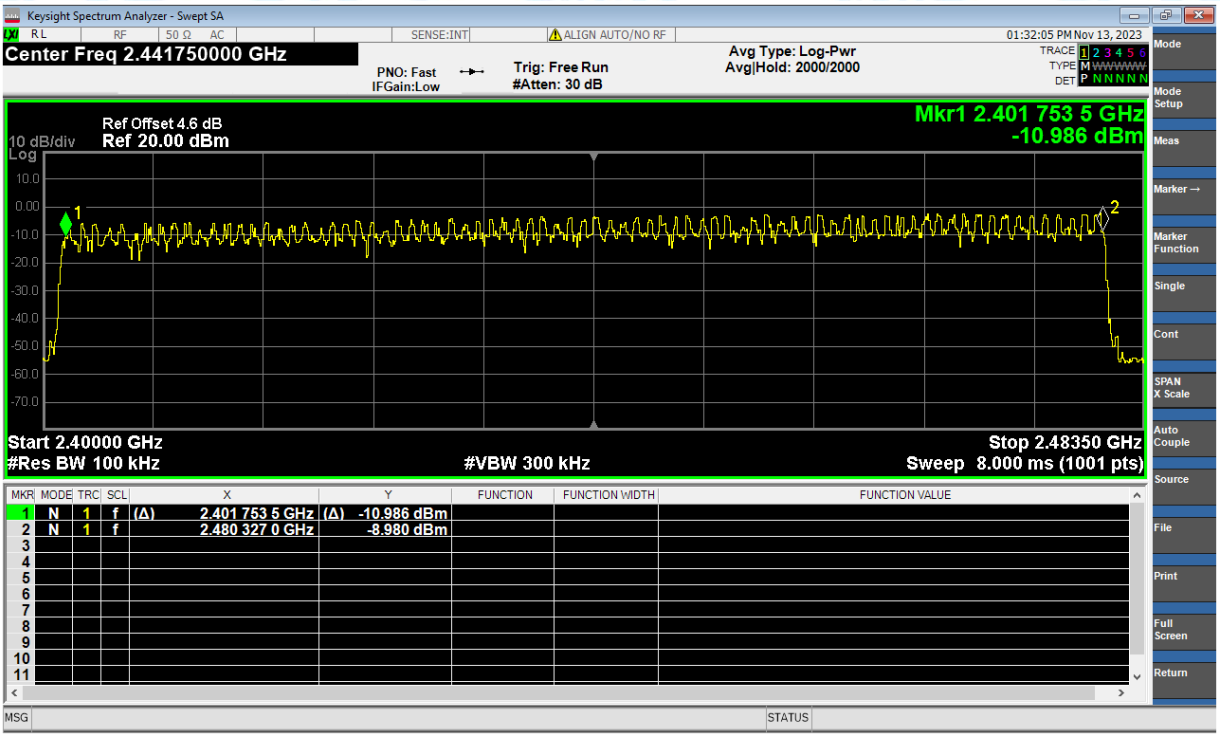
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass

Test Graphs

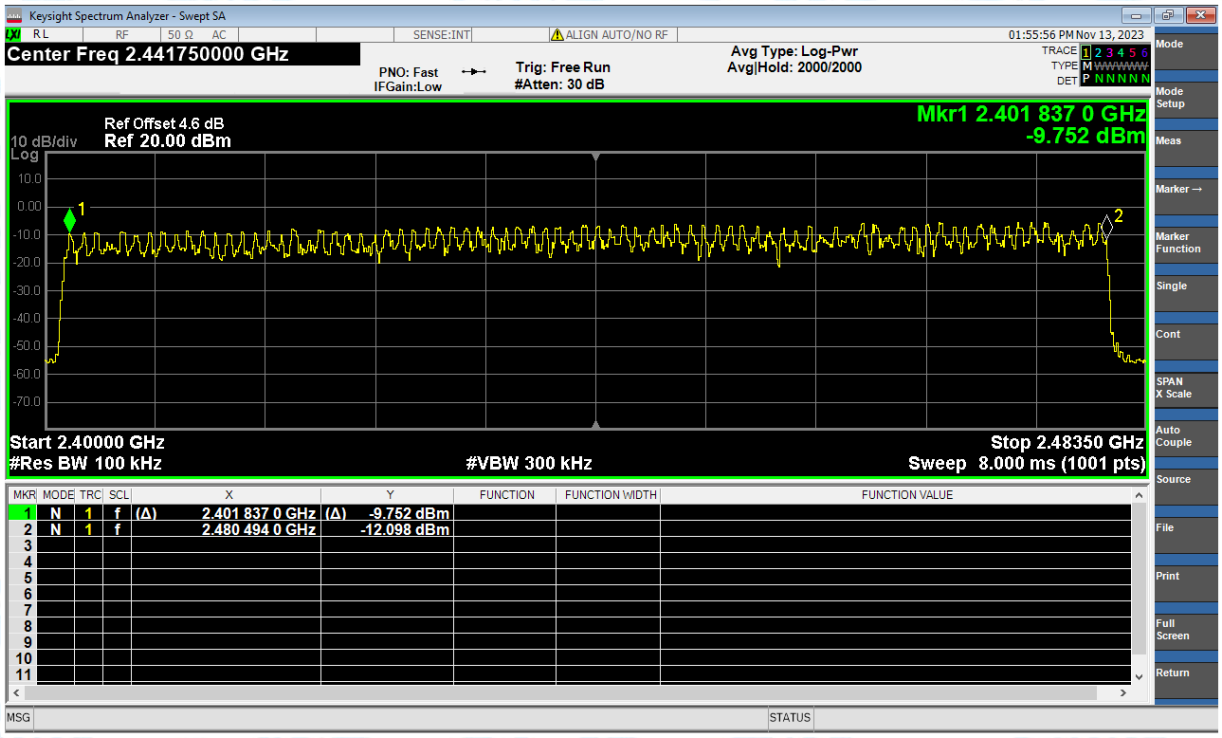
Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



Hopping No. NVNT 3-DH1 2441MHz Ant1

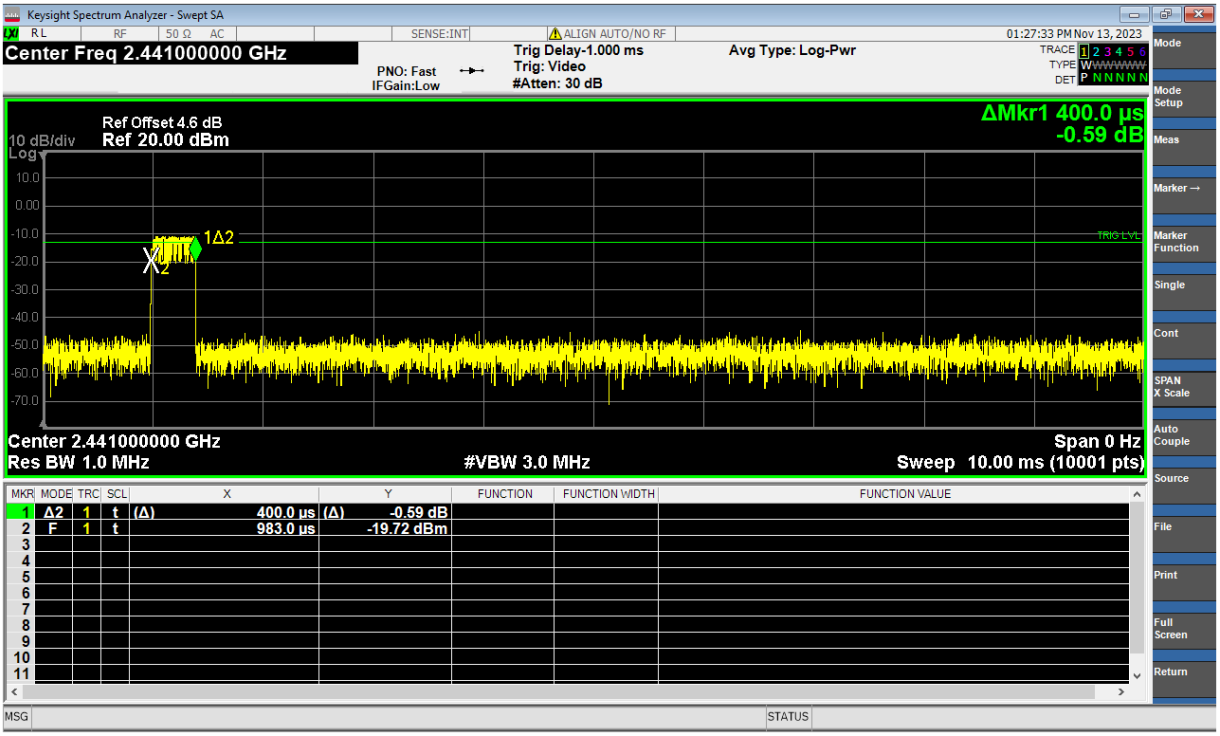


11. Dwell Time

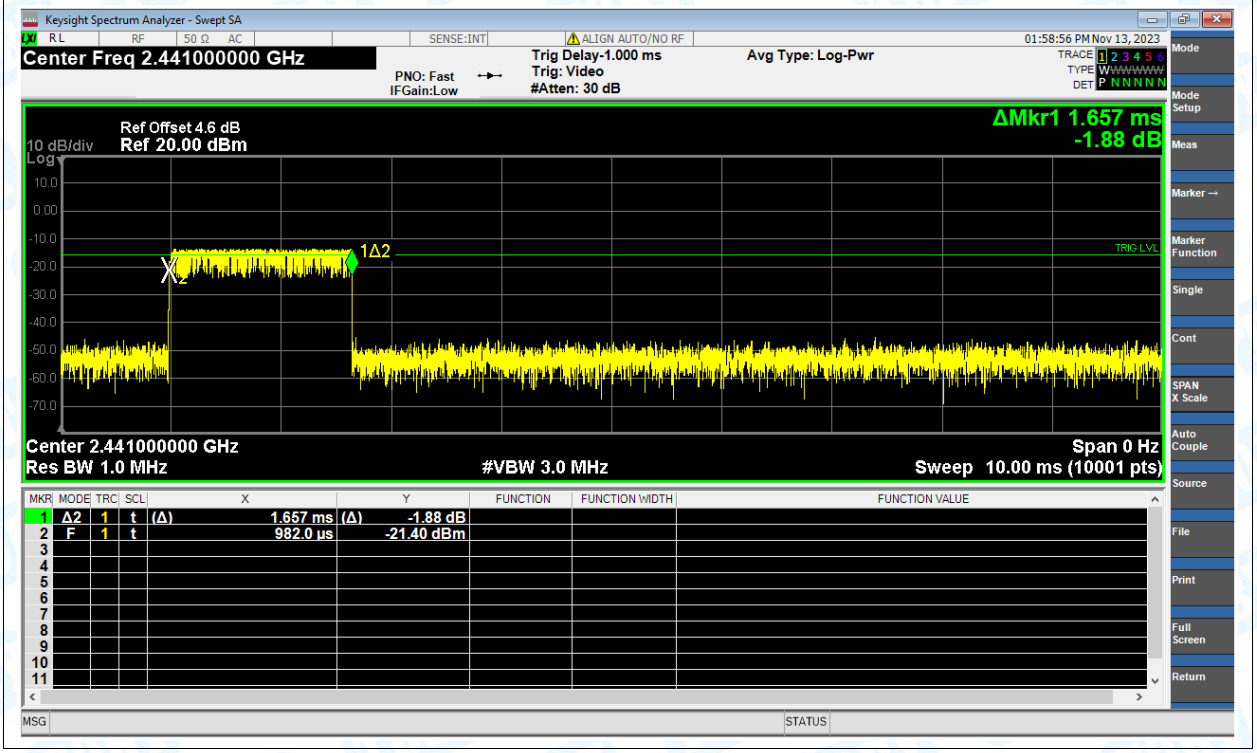
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.4	128	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.657	265.12	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.906	309.973	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.405	129.6	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.661	265.76	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.912	310.613	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.412	131.84	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.663	266.08	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.912	310.613	31600	400	Pass

Test Graphs

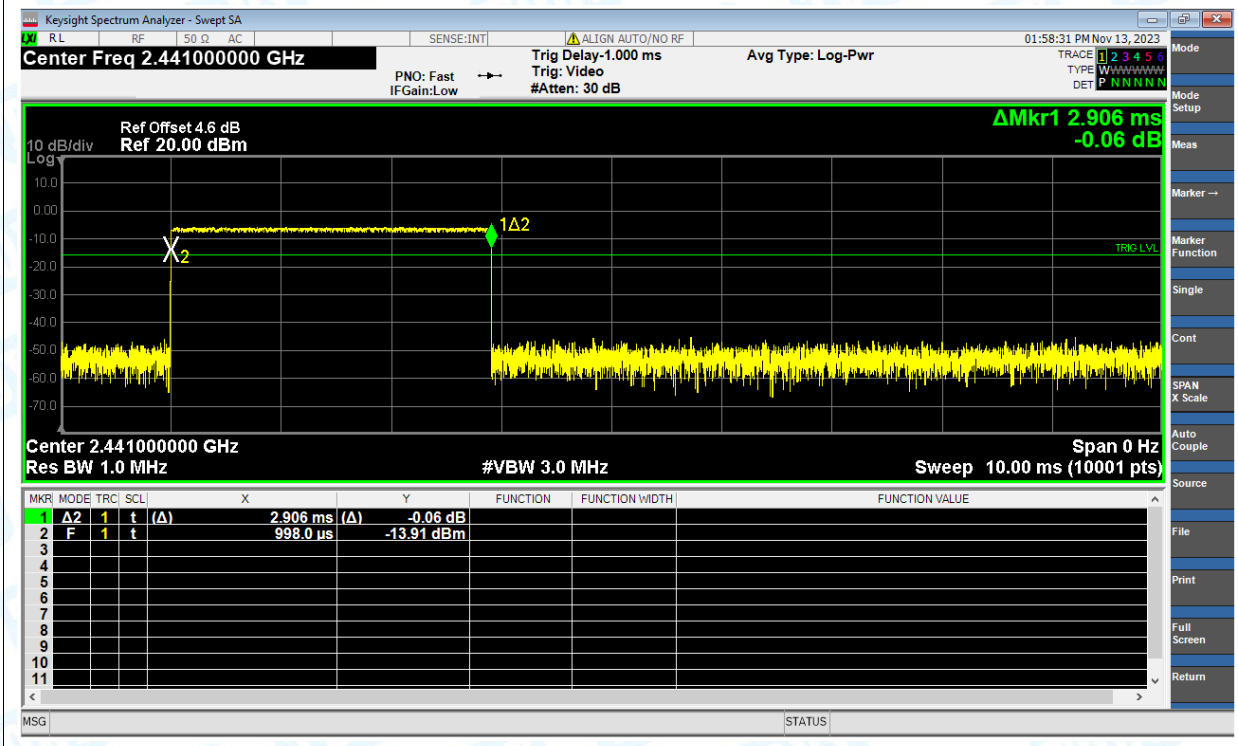
Dwell NVNT 1-DH1 2441MHz Ant1



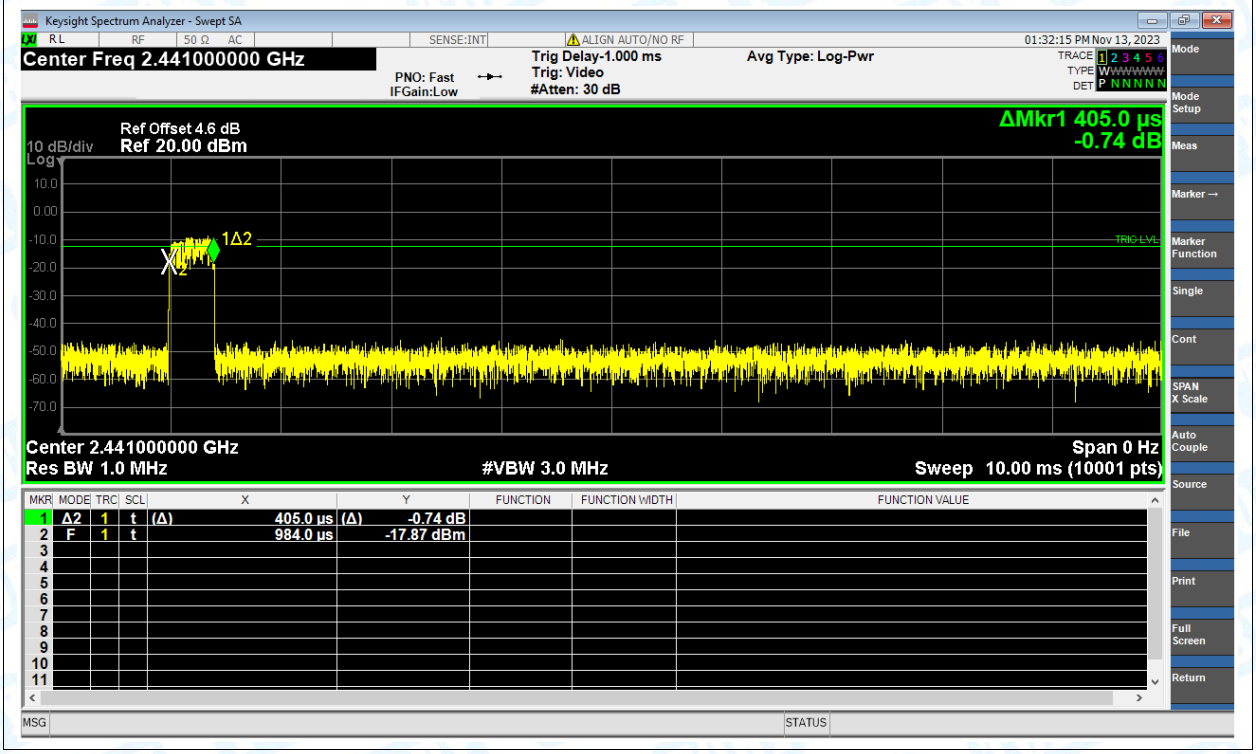
Dwell NVNT 1-DH3 2441MHz Ant1



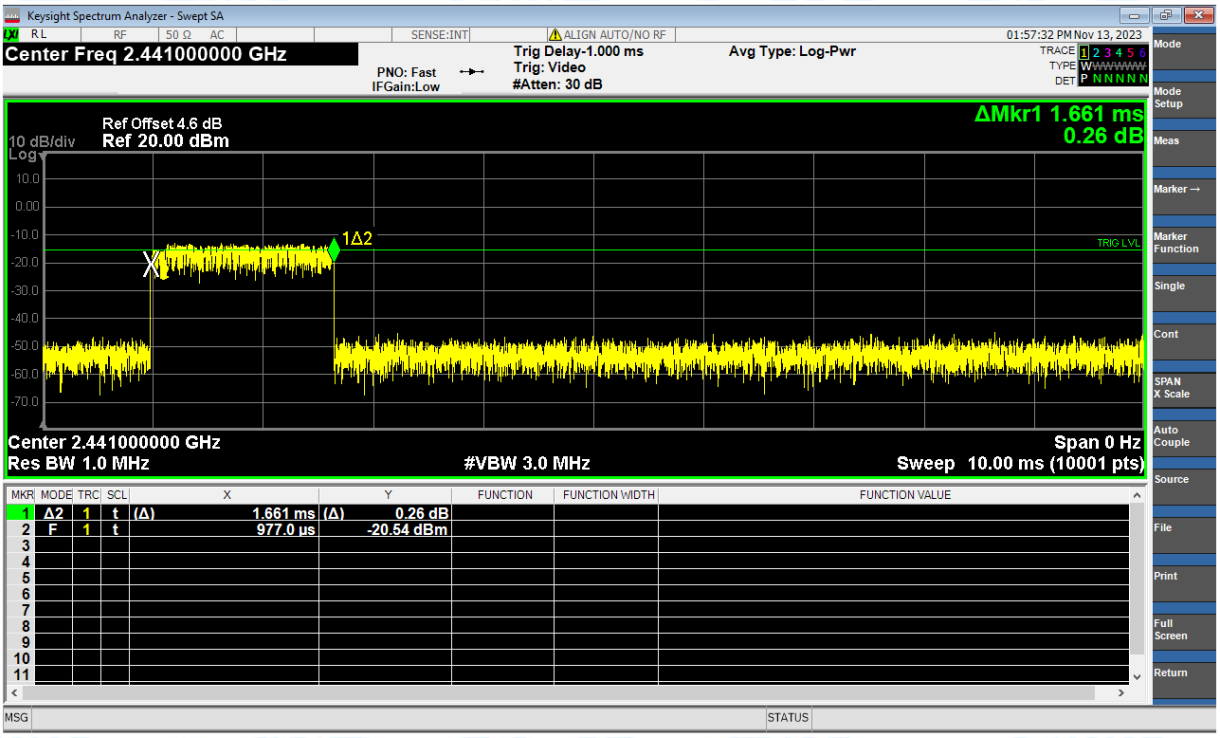
Dwell NVNT 1-DH5 2441MHz Ant1



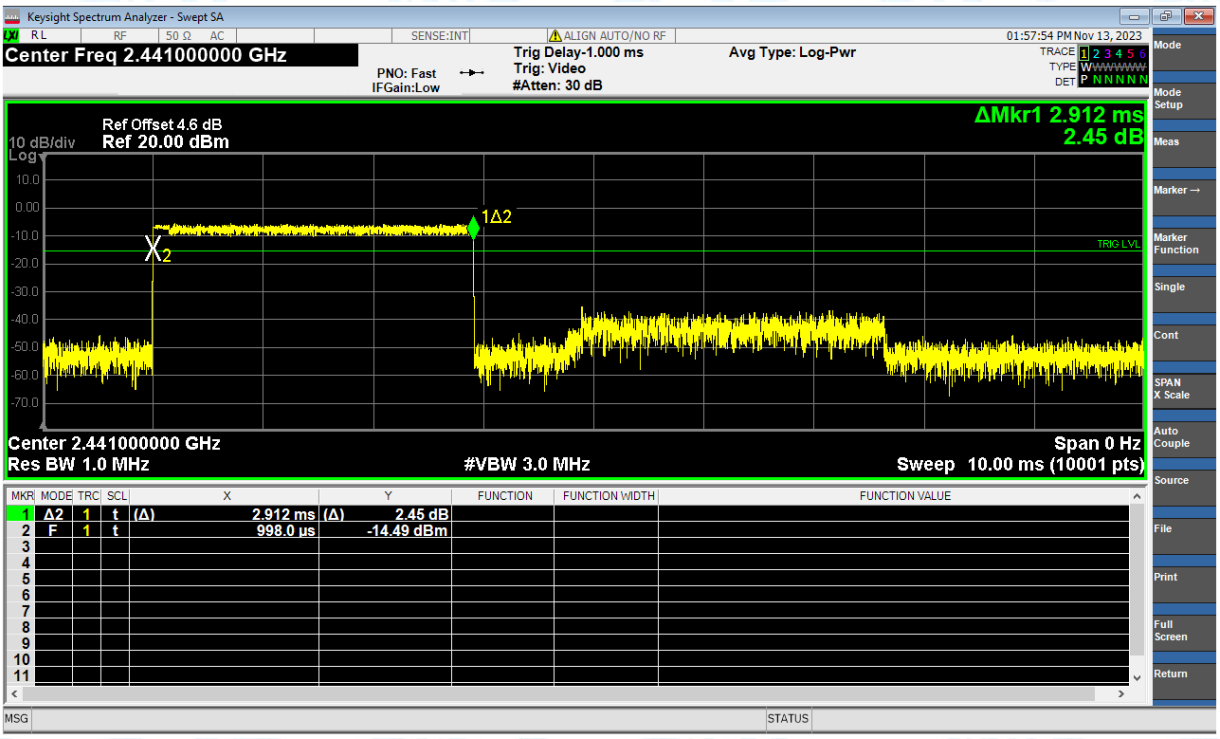
Dwell NVNT 2-DH1 2441MHz Ant1



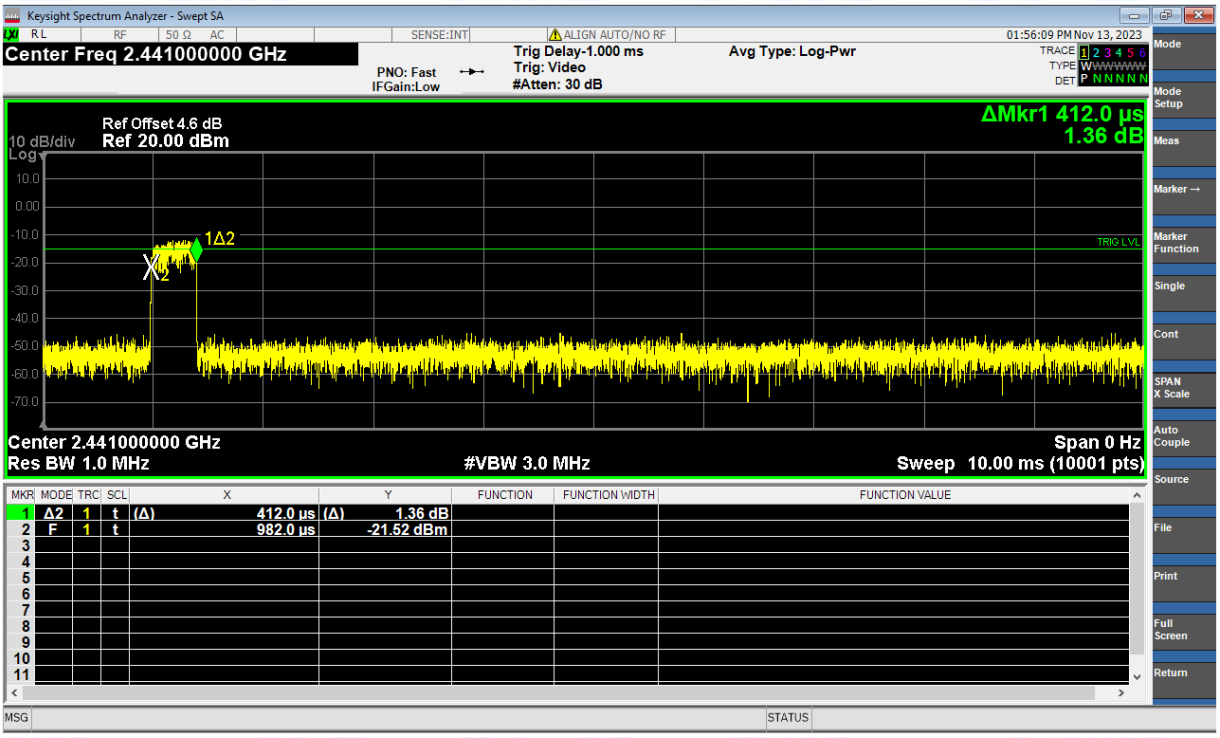
Dwell NVNT 2-DH3 2441MHz Ant1



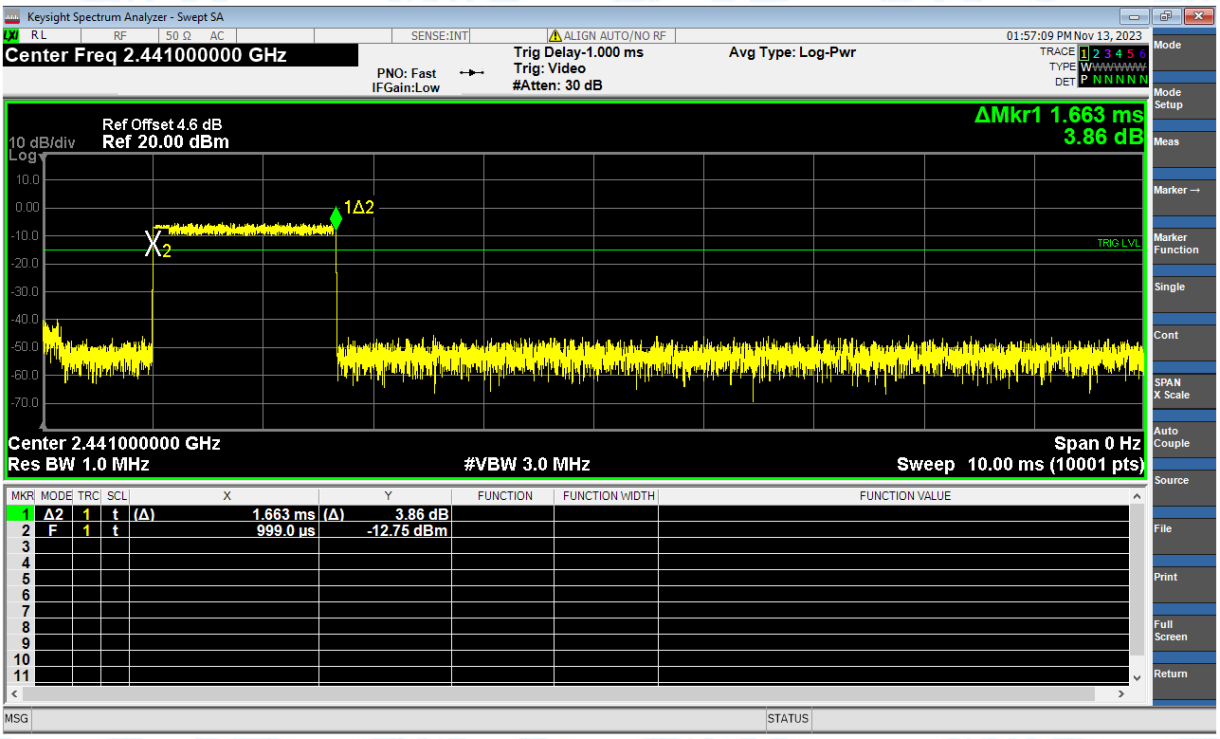
Dwell NVNT 2-DH5 2441MHz Ant1



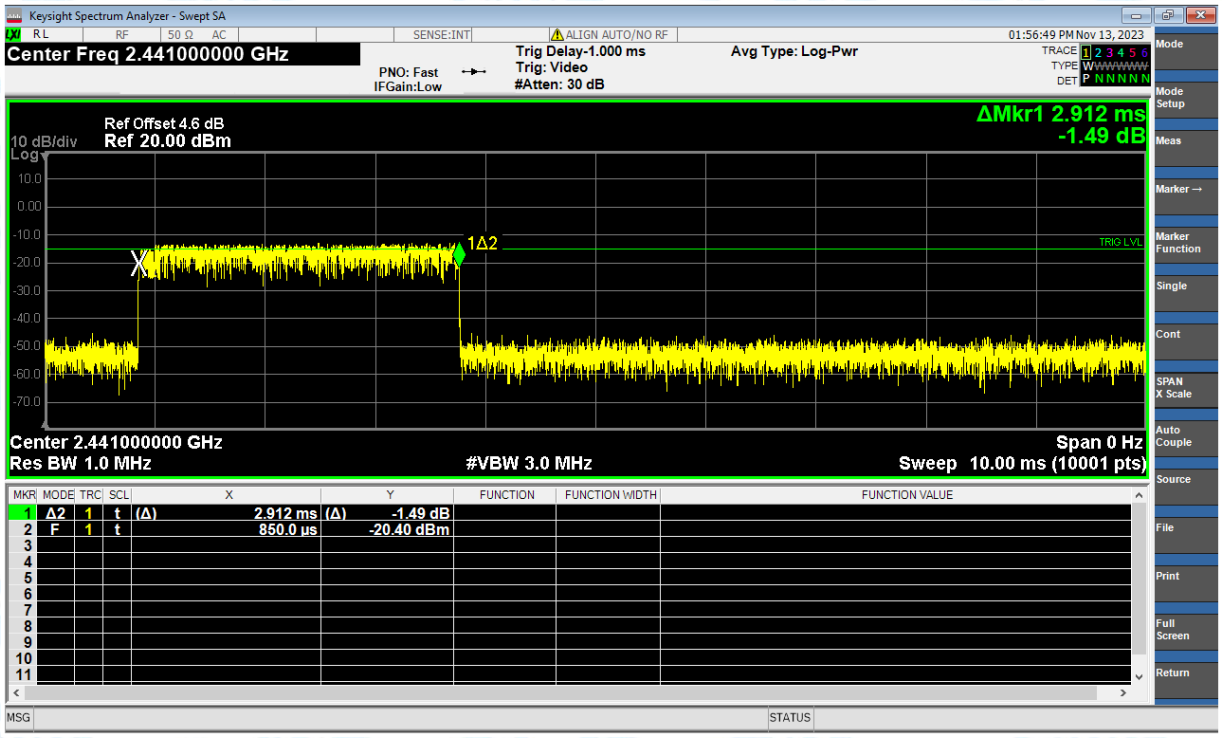
Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1



Dwell NVNT 3-DH5 2441MHz Ant1



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