Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: tablet pc

Test Model: TAB10P

Environmental Conditions

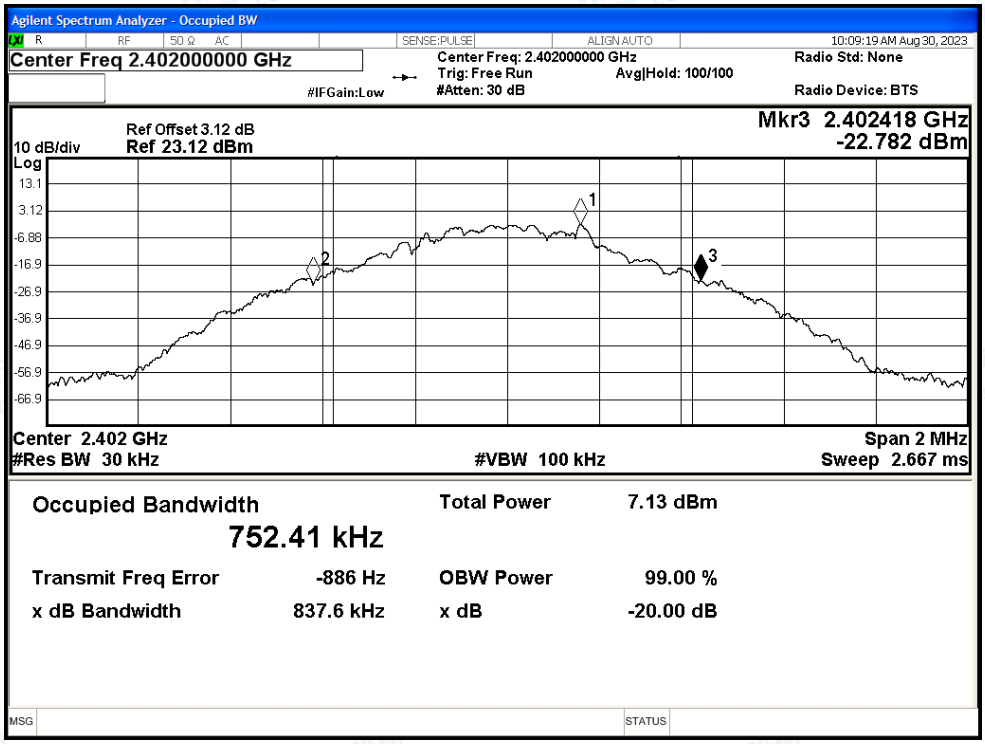
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu

A.1 -20dB Bandwidth

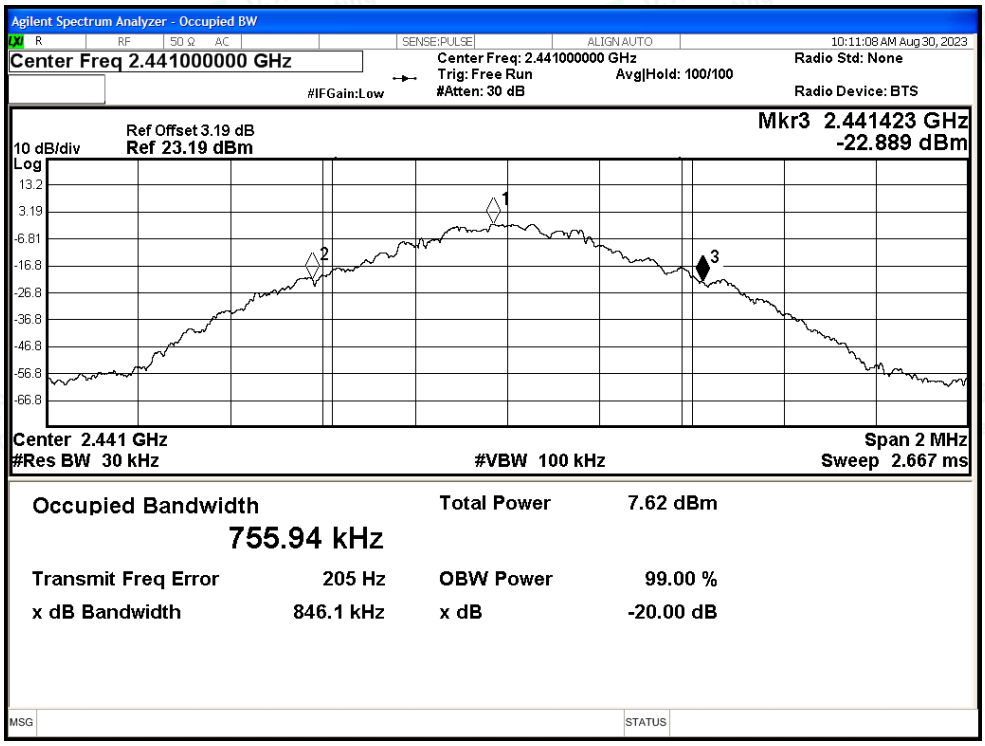
Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	0.838	N/A	Pass
NVNT	1-DH5	2441	Ant1	0.846	N/A	Pass
NVNT	1-DH5	2480	Ant1	0.843	N/A	Pass
NVNT	2-DH5	2402	Ant1	1.263	N/A	Pass
NVNT	2-DH5	2441	Ant1	1.272	N/A	Pass
NVNT	2-DH5	2480	Ant1	1.264	N/A	Pass
NVNT	3-DH5	2402	Ant1	1.28	N/A	Pass
NVNT	3-DH5	2441	Ant1	1.282	N/A	Pass
NVNT	3-DH5	2480	Ant1	1.253	N/A	Pass

Test Graphs

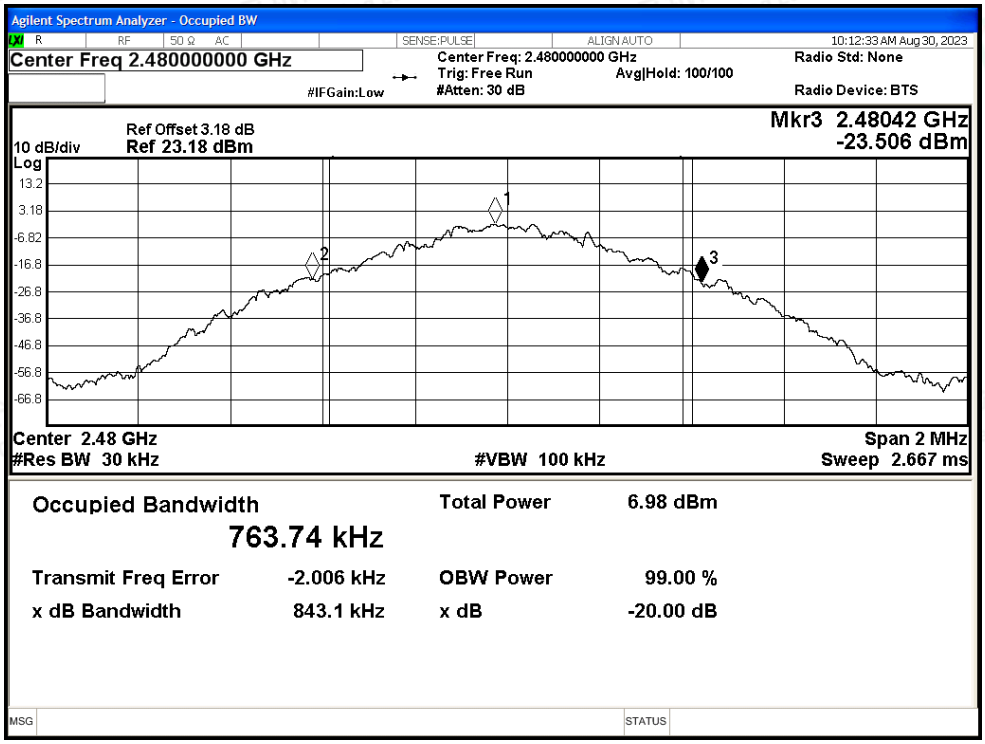
-20dB Bandwidth NVNT 1-DH5 2402MHz Ant1



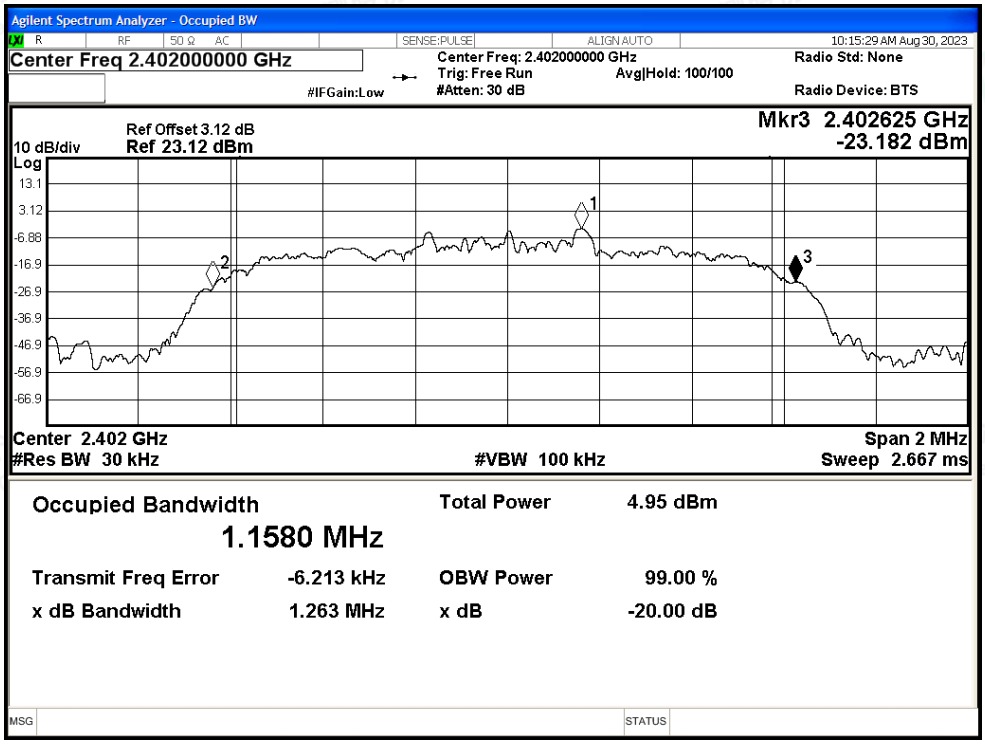
-20dB Bandwidth NVNT 1-DH5 2441MHz Ant1



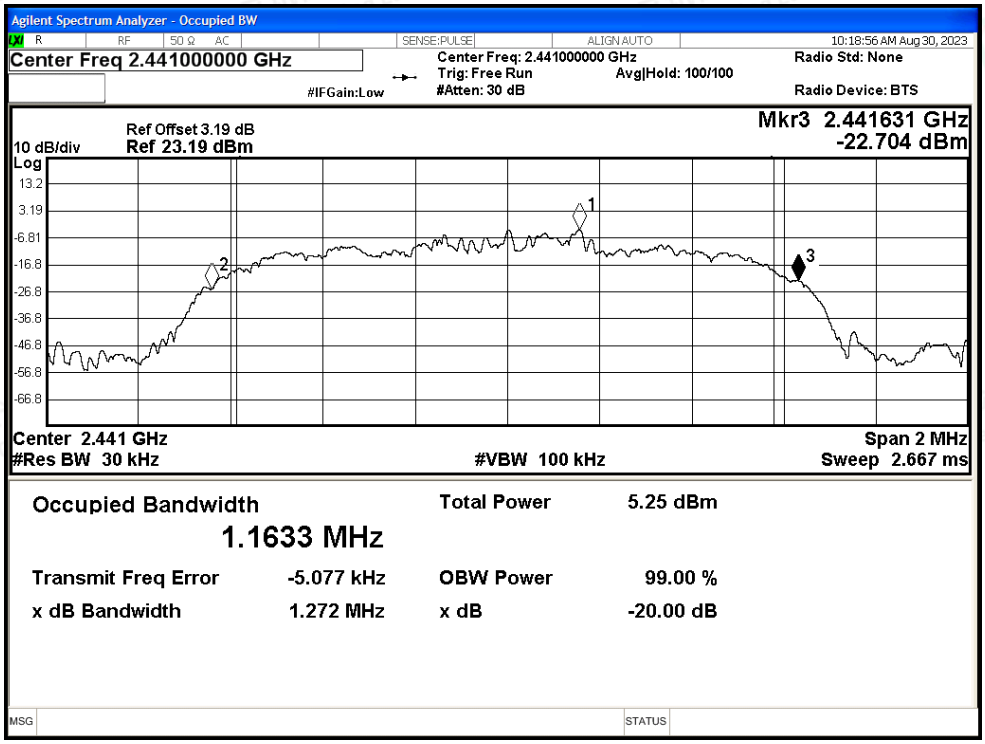
-20dB Bandwidth NVNT 1-DH5 2480MHz Ant1



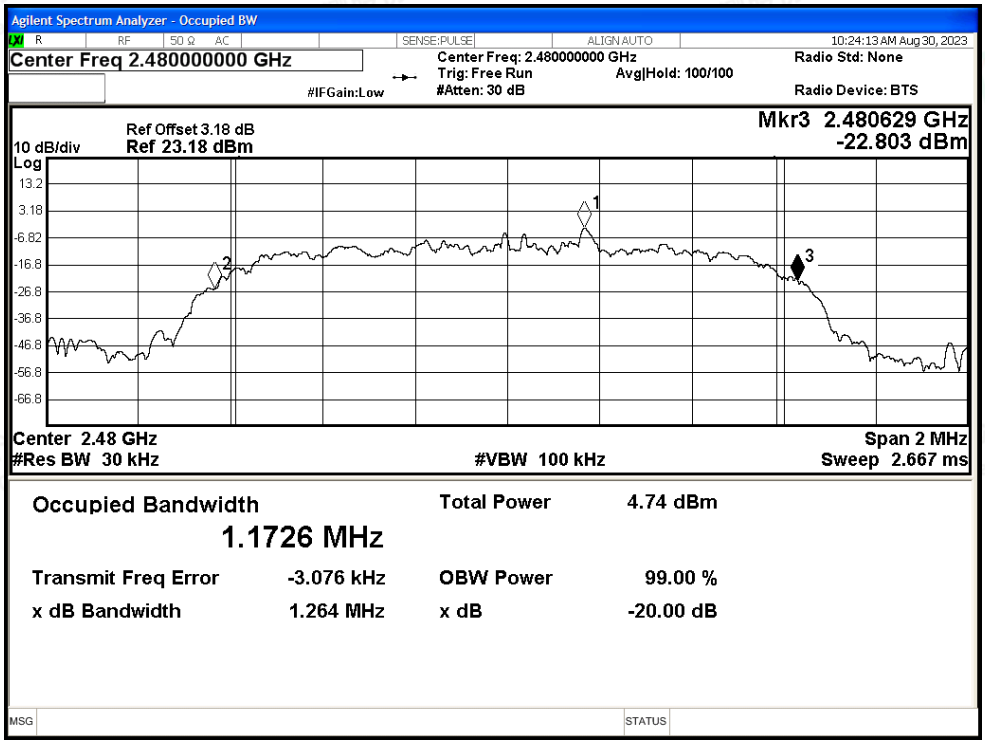
-20dB Bandwidth NVNT 2-DH5 2402MHz Ant1



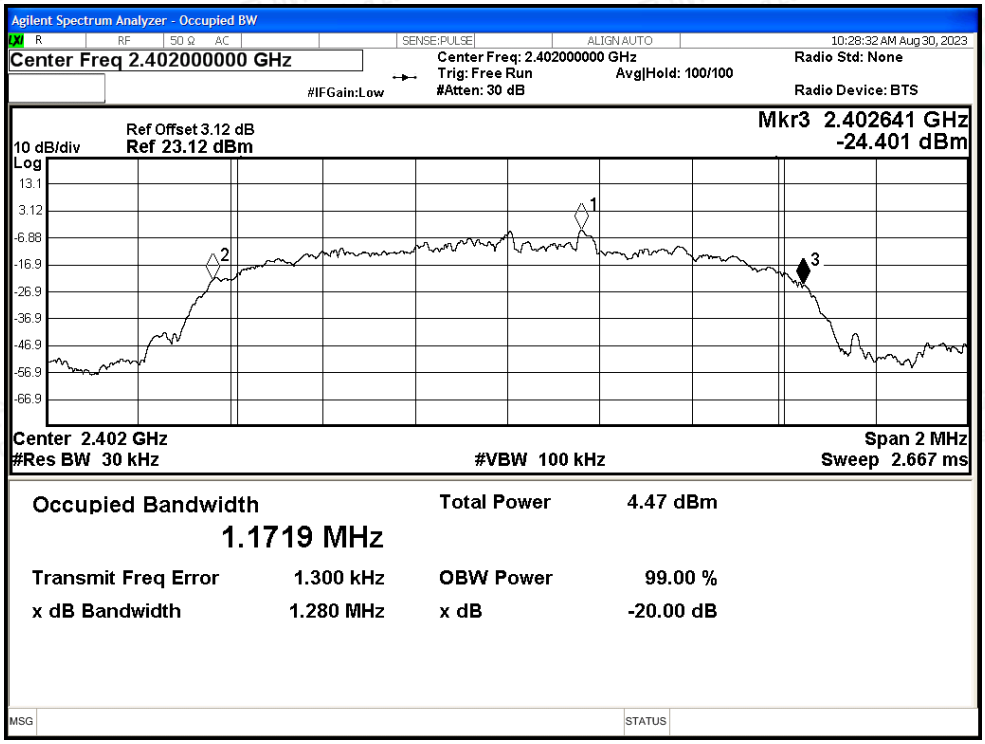
-20dB Bandwidth NVNT 2-DH5 2441MHz Ant1



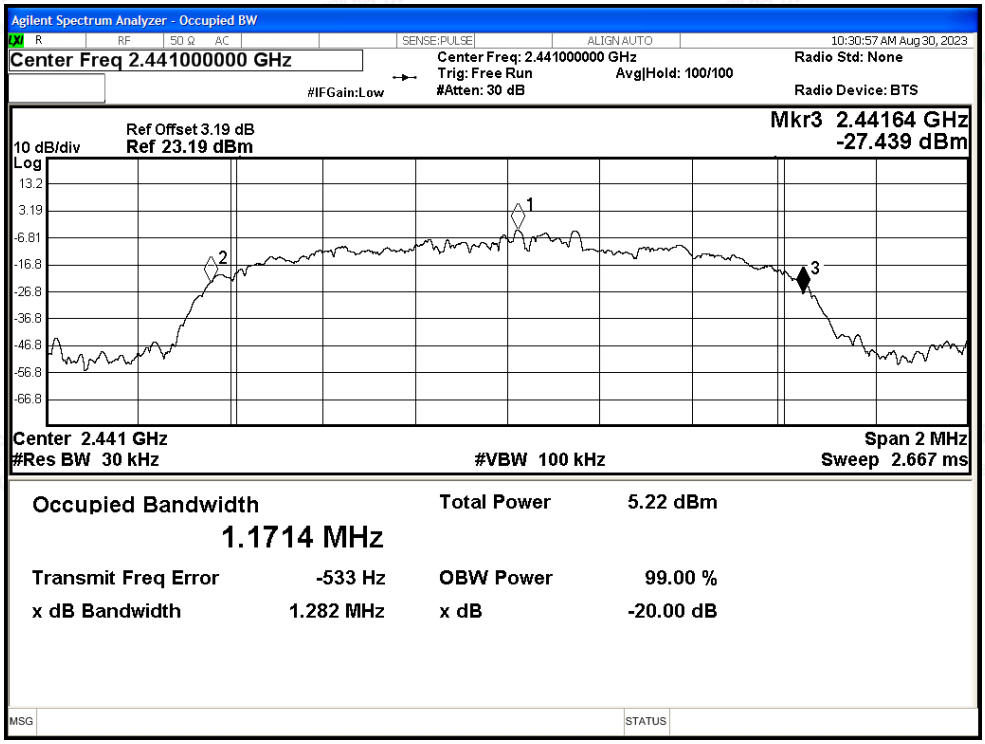
-20dB Bandwidth NVNT 2-DH5 2480MHz Ant1



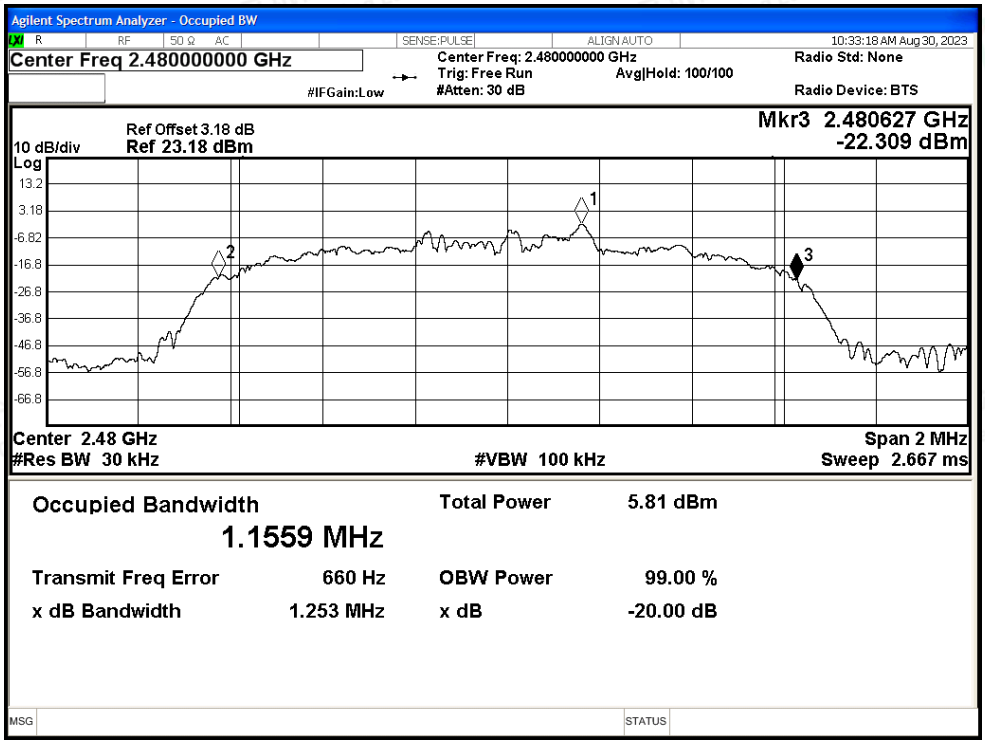
-20dB Bandwidth NVNT 3-DH5 2402MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant1



-20dB Bandwidth NVNT 3-DH5 2480MHz Ant1

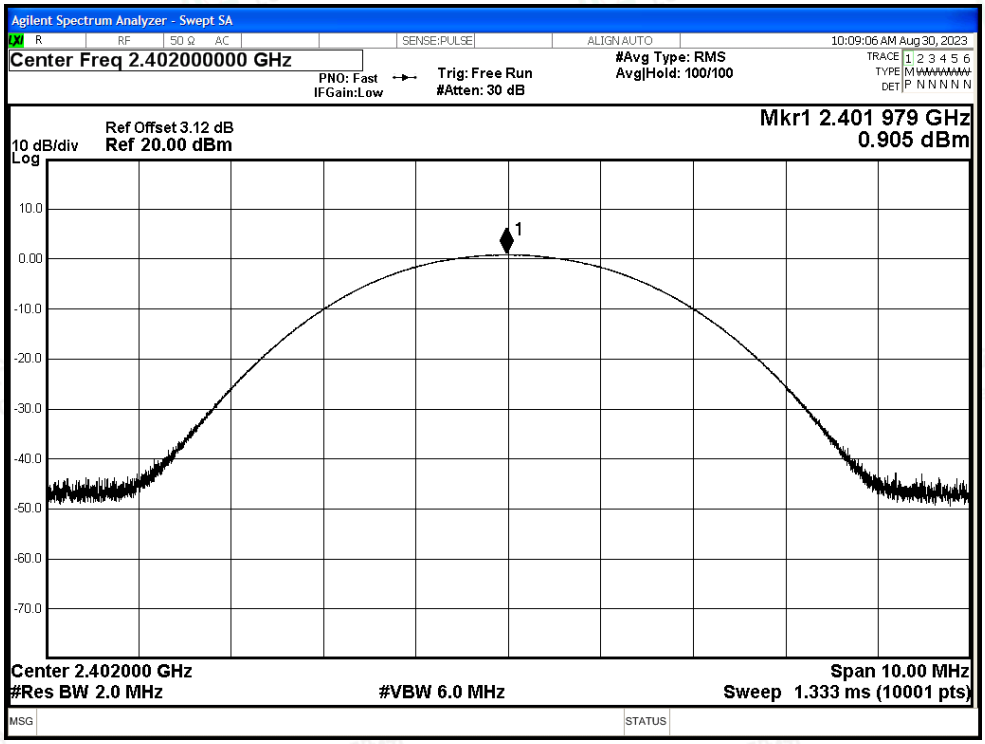


A.2 Maximum Conducted Output Power

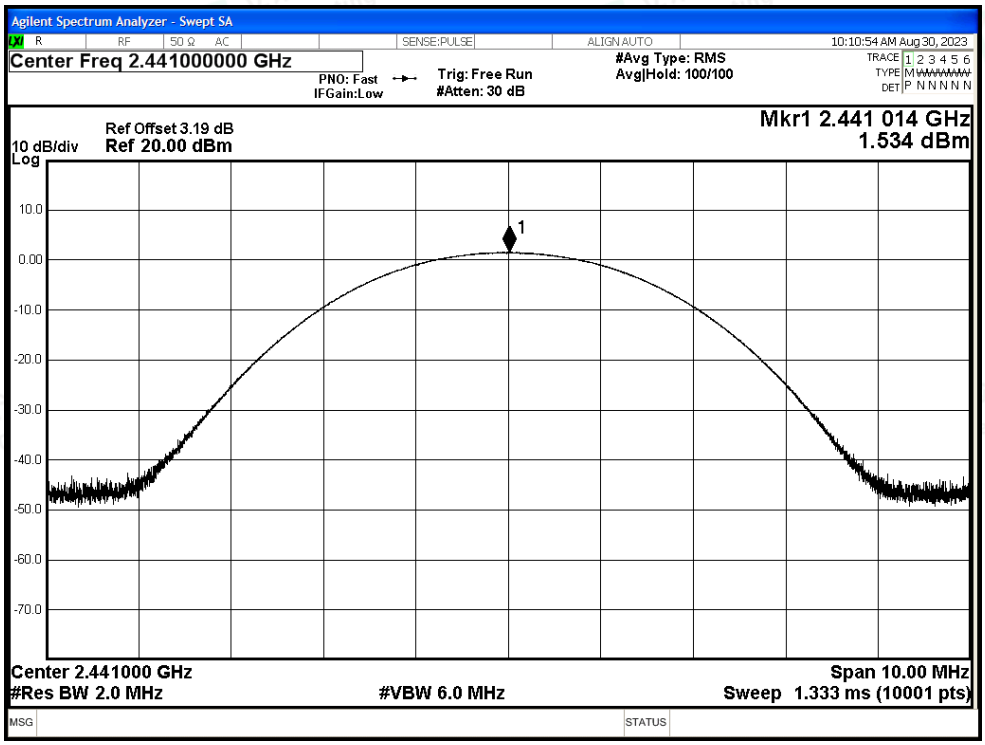
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant1	0.91	21	Pass
NVNT	1-DH5	2441	Ant1	1.53	21	Pass
NVNT	1-DH5	2480	Ant1	1.17	21	Pass
NVNT	2-DH5	2402	Ant1	-0.07	21	Pass
NVNT	2-DH5	2441	Ant1	0.53	21	Pass
NVNT	2-DH5	2480	Ant1	0.64	21	Pass
NVNT	3-DH5	2402	Ant1	-0.03	21	Pass
NVNT	3-DH5	2441	Ant1	0.59	21	Pass
NVNT	3-DH5	2480	Ant1	0.67	21	Pass

Test Graphs

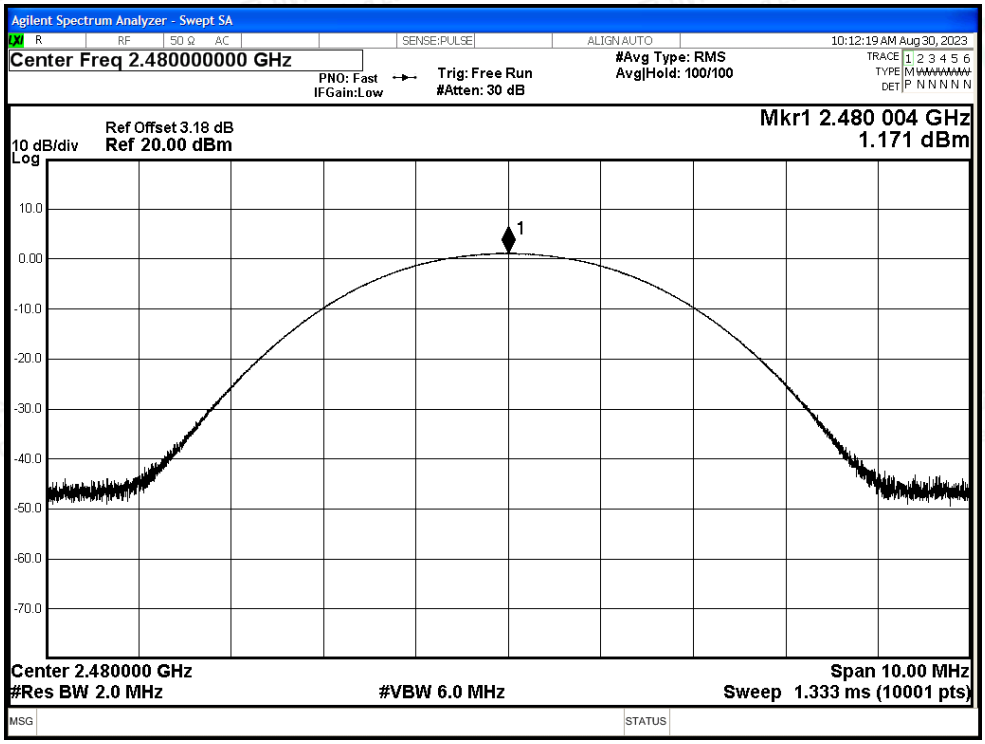
Power NVNT 1-DH5 2402MHz Ant1



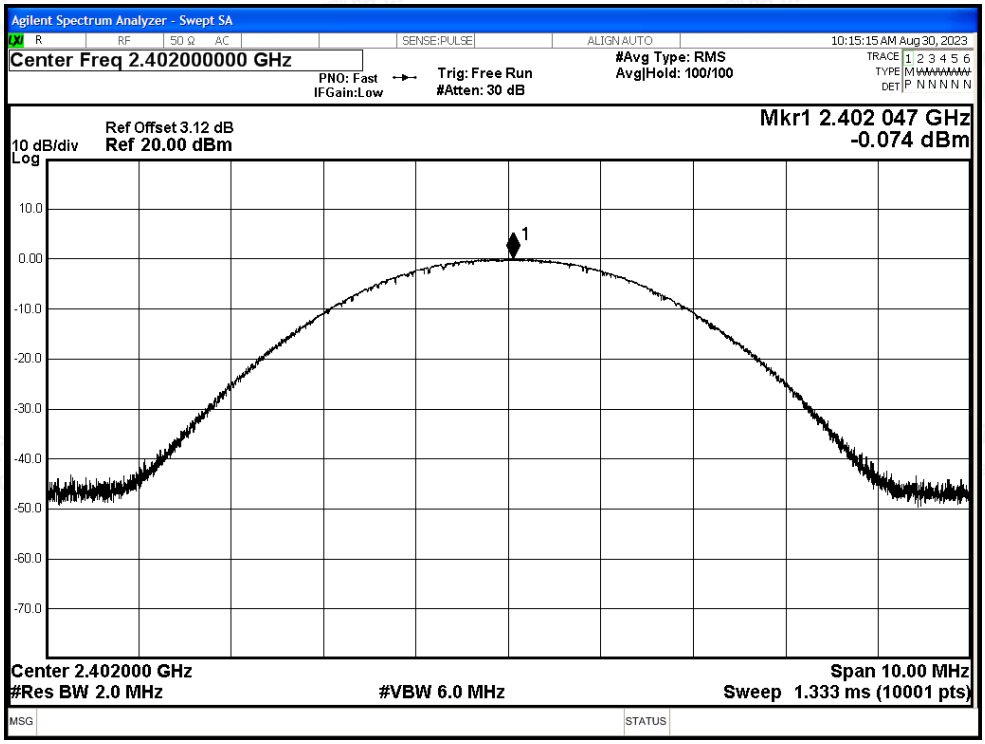
Power NVNT 1-DH5 2441MHz Ant1



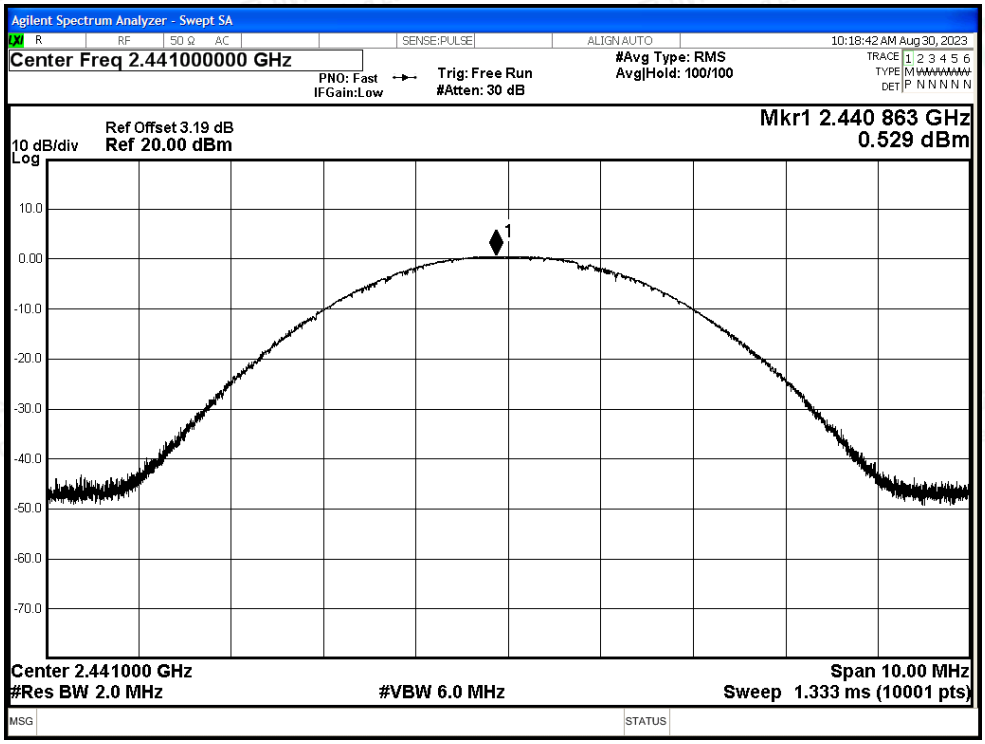
Power NVNT 1-DH5 2480MHz Ant1



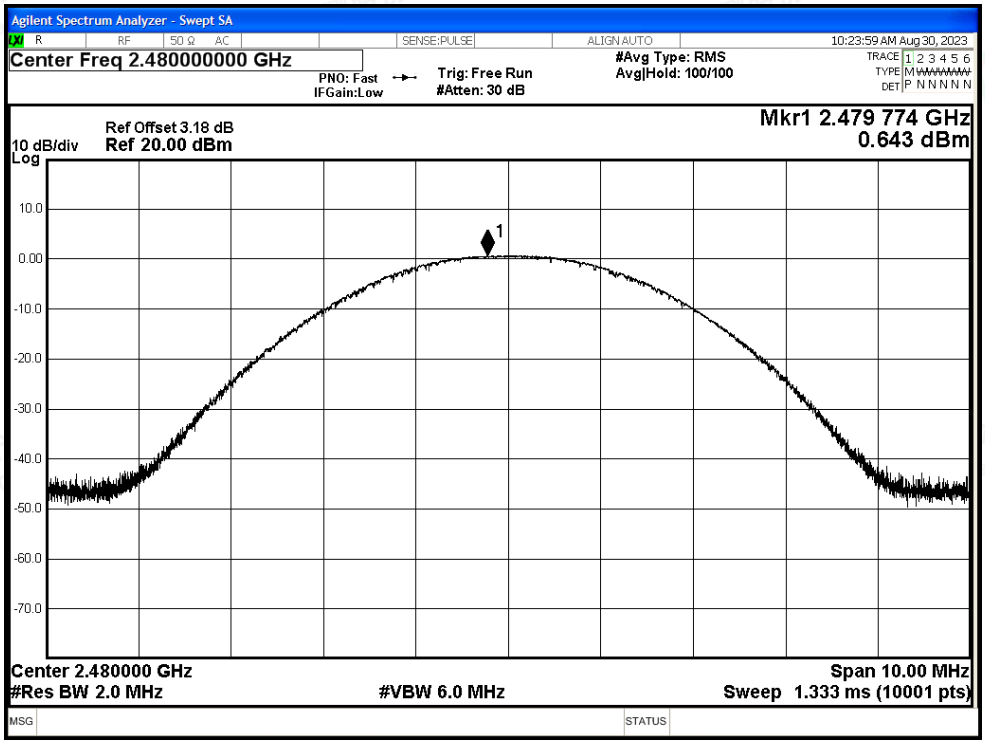
Power NVNT 2-DH5 2402MHz Ant1



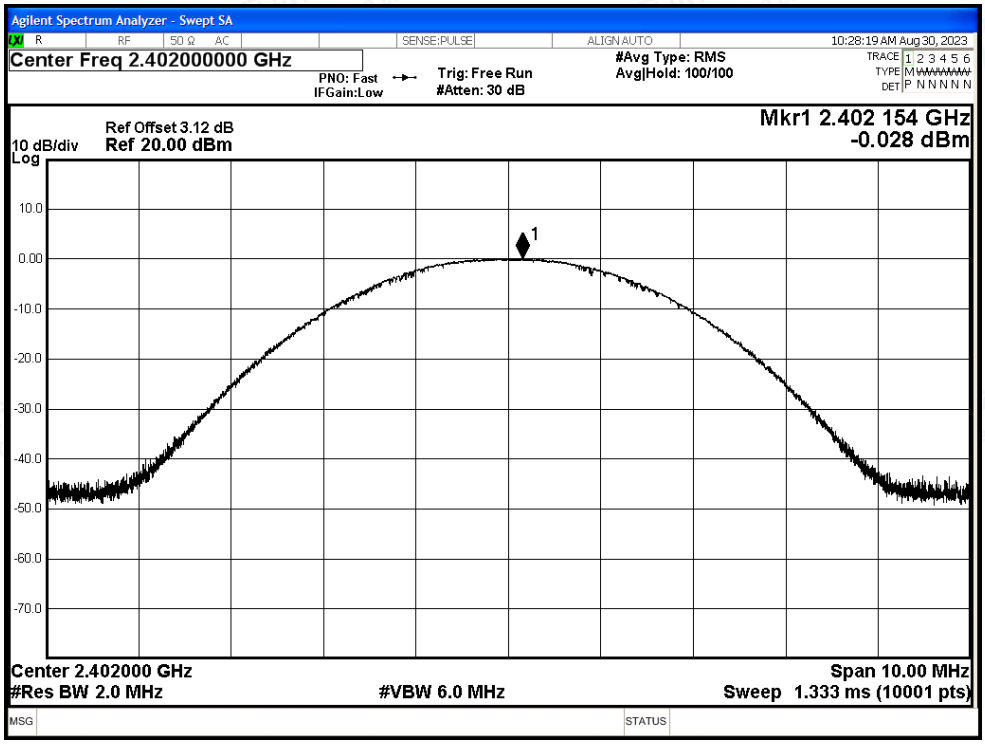
Power NVNT 2-DH5 2441MHz Ant1



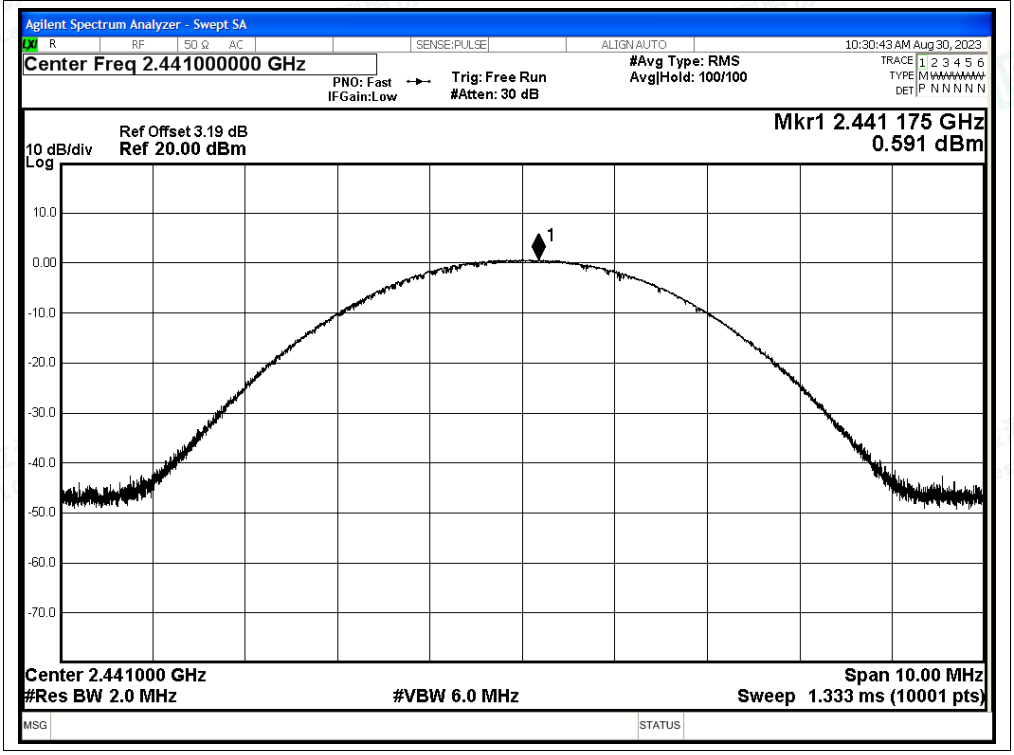
Power NVNT 2-DH5 2480MHz Ant1



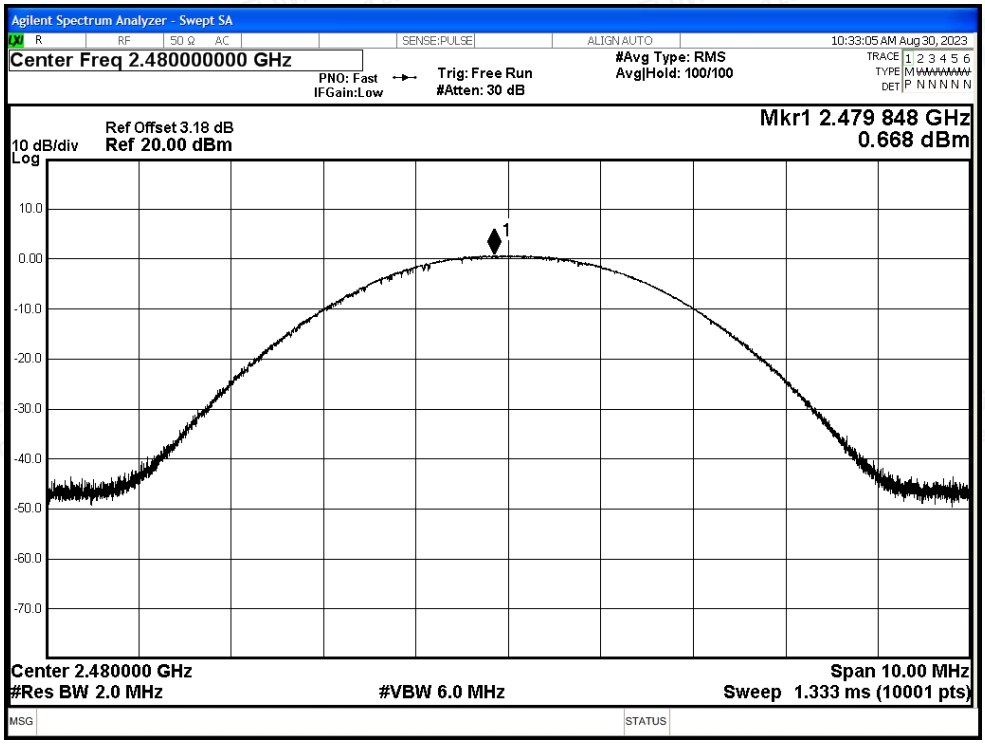
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



Power NVNT 3-DH5 2480MHz Ant1

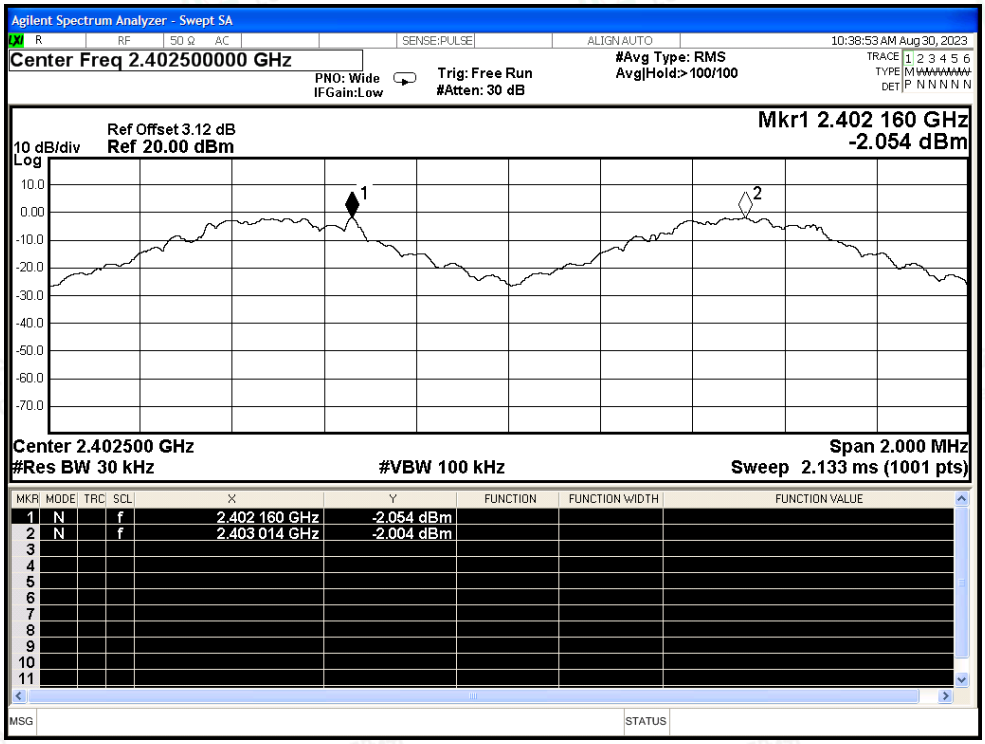


A.3 Carrier Frequencies Separation

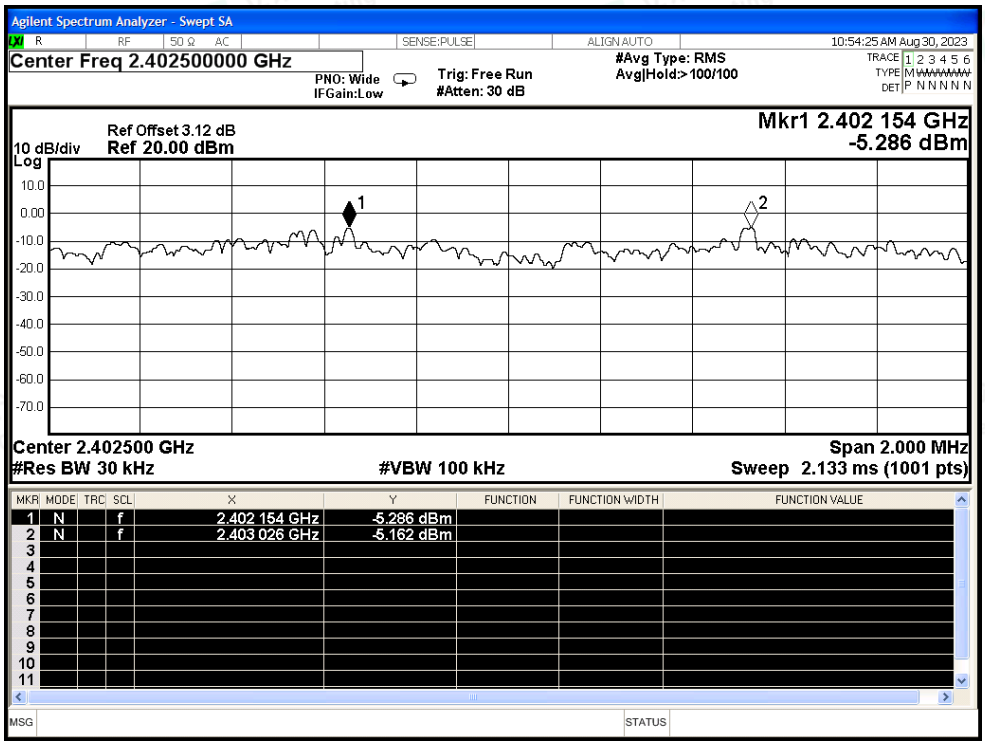
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.16	2403.014	0.854	0.324	Pass
NVNT	2-DH5	Ant1	2402.154	2403.026	0.872	0.848	Pass
NVNT	3-DH5	Ant1	2402.17	2403.152	0.982	0.855	Pass

Test Graphs

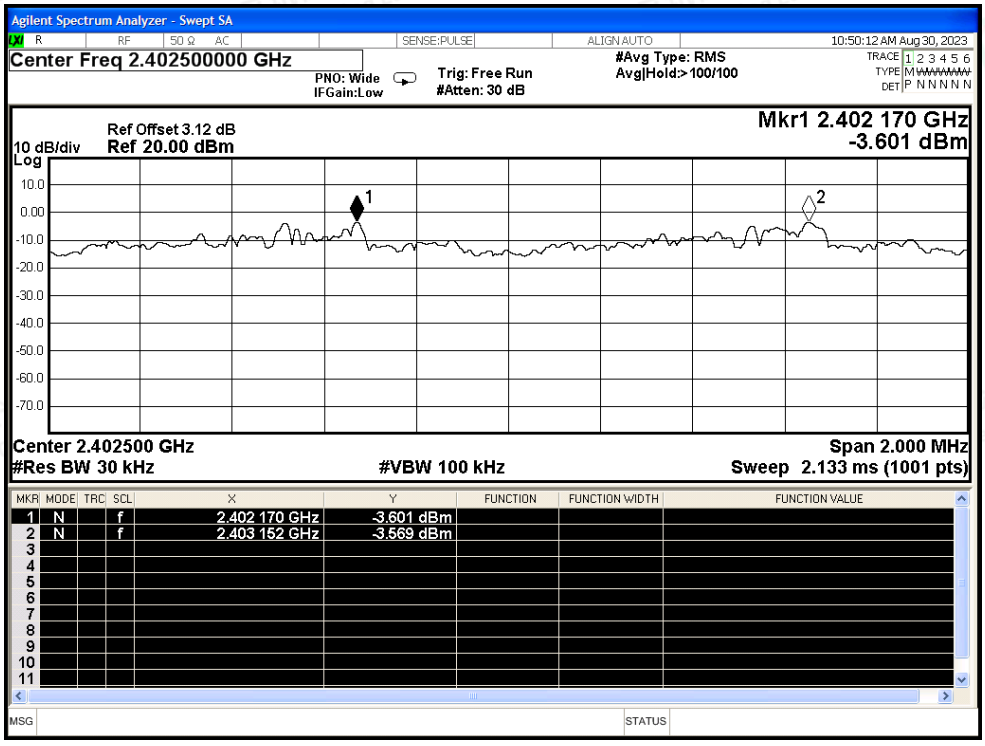
CFS NVNT 1-DH5 2402MHz Ant1



CFS NVNT 2-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2402MHz Ant1

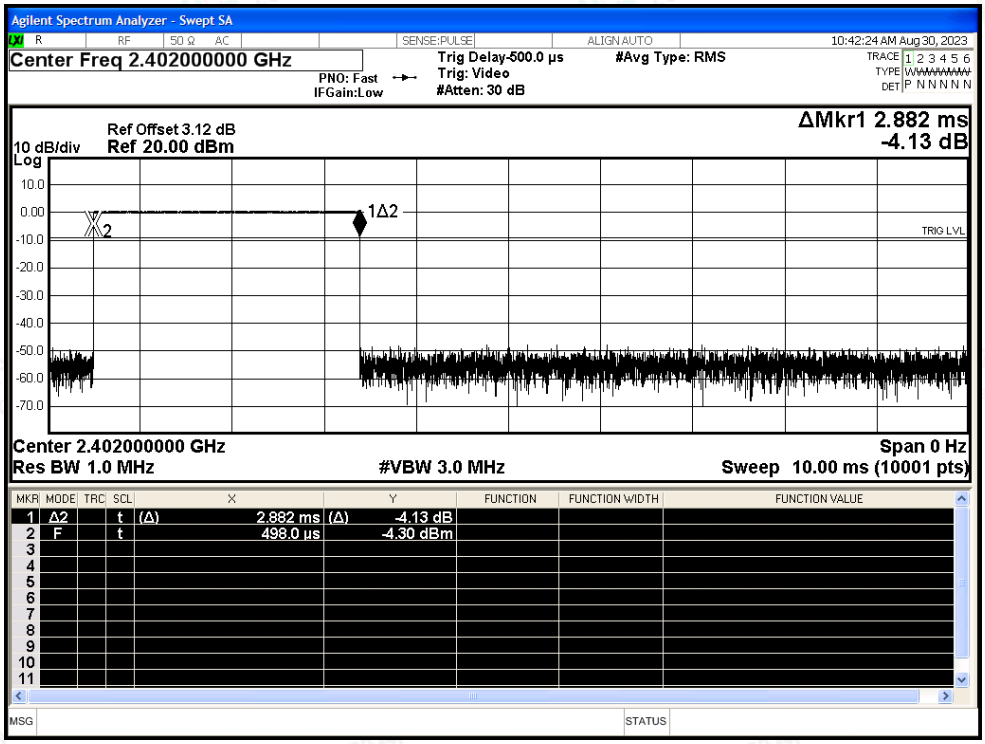


A.4 Dwell Time

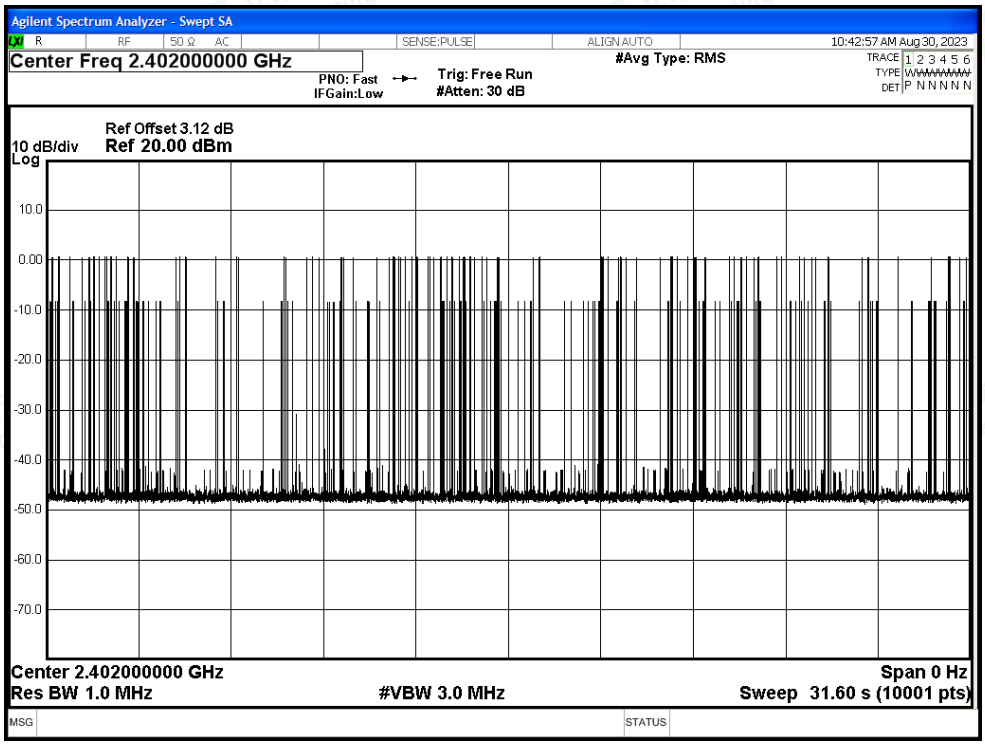
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.882	276.672	96	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.885	288.5	100	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.887	306.022	106	31600	400	Pass

Test Graphs

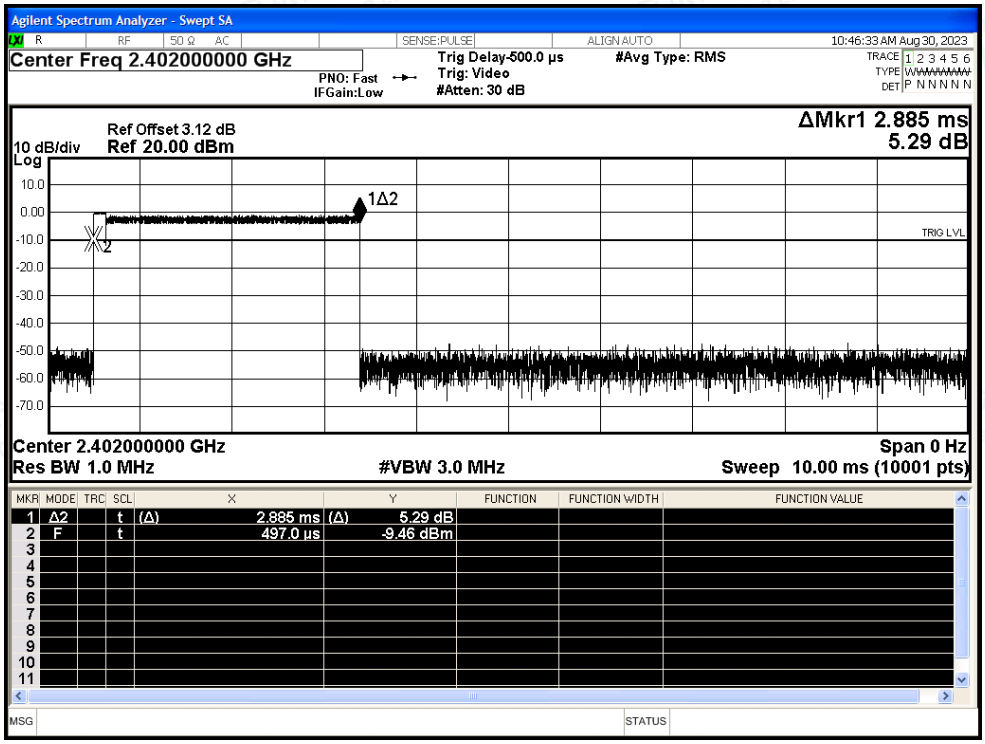
Dwell NVNT 1-DH5 2402MHz Ant1 One Burst



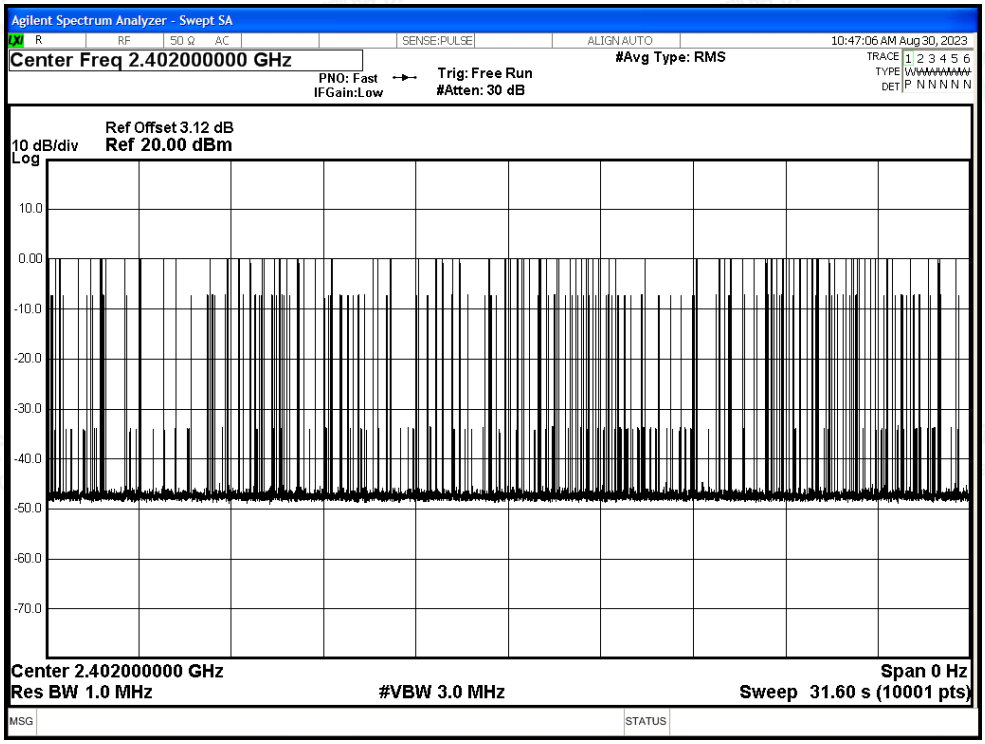
Dwell NVNT 1-DH5 2402MHz Ant1 Accumulated



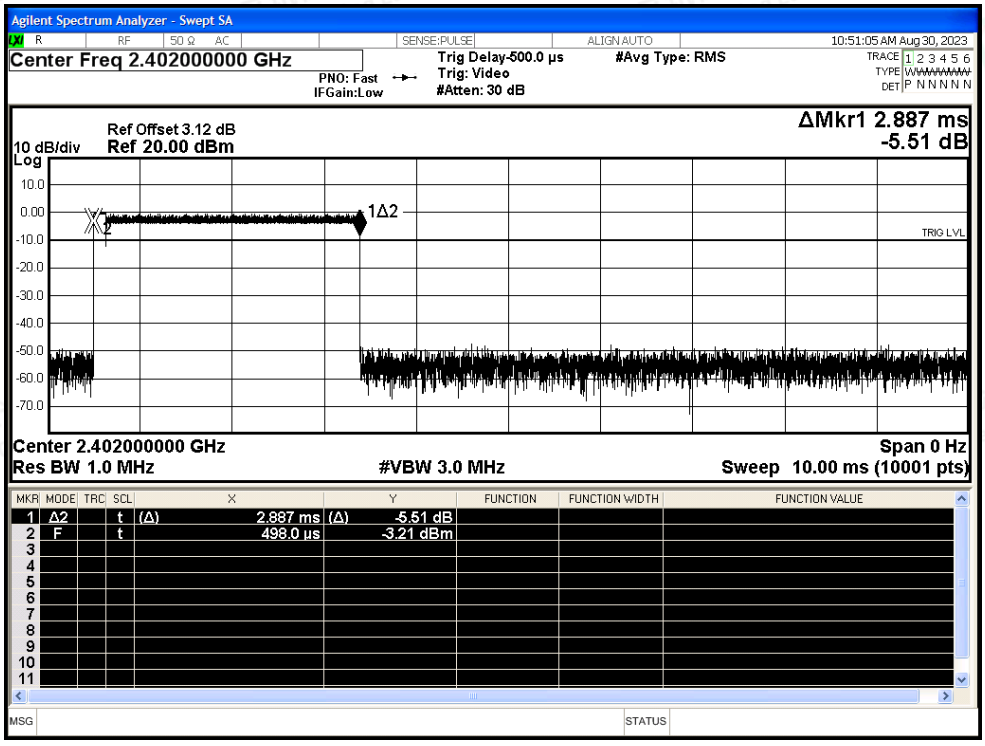
Dwell NVNT 2-DH5 2402MHz Ant1 One Burst



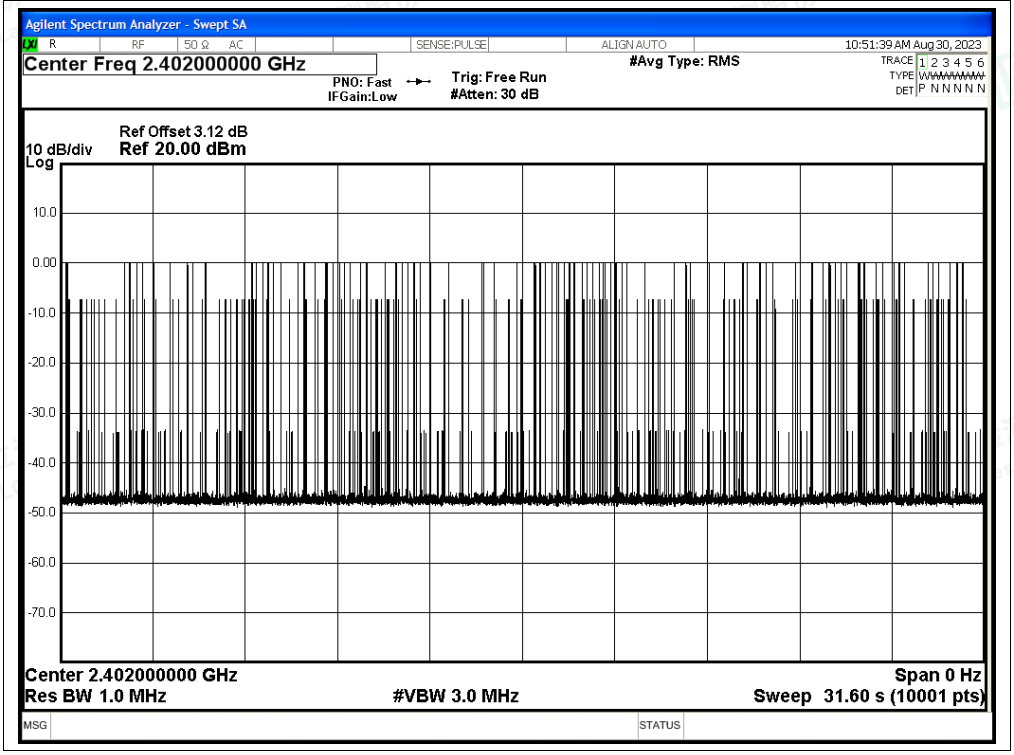
Dwell NVNT 2-DH5 2402MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2402MHz Ant1 One Burst



Dwell NVNT 3-DH5 2402MHz Ant1 Accumulated

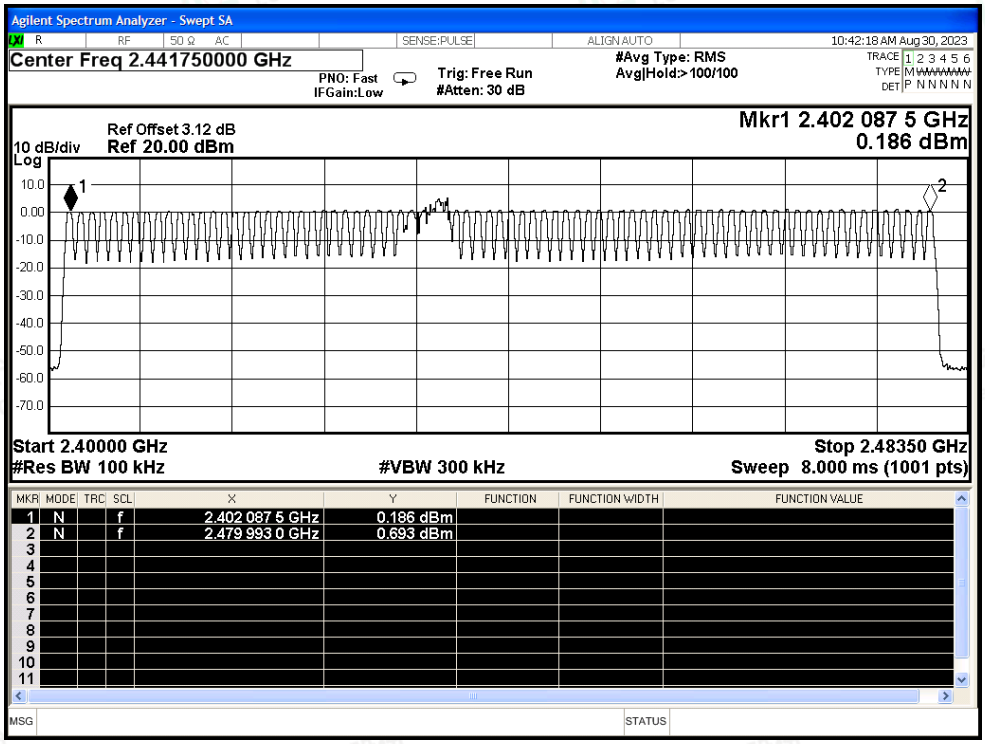


A.5 Number of Hopping Channel

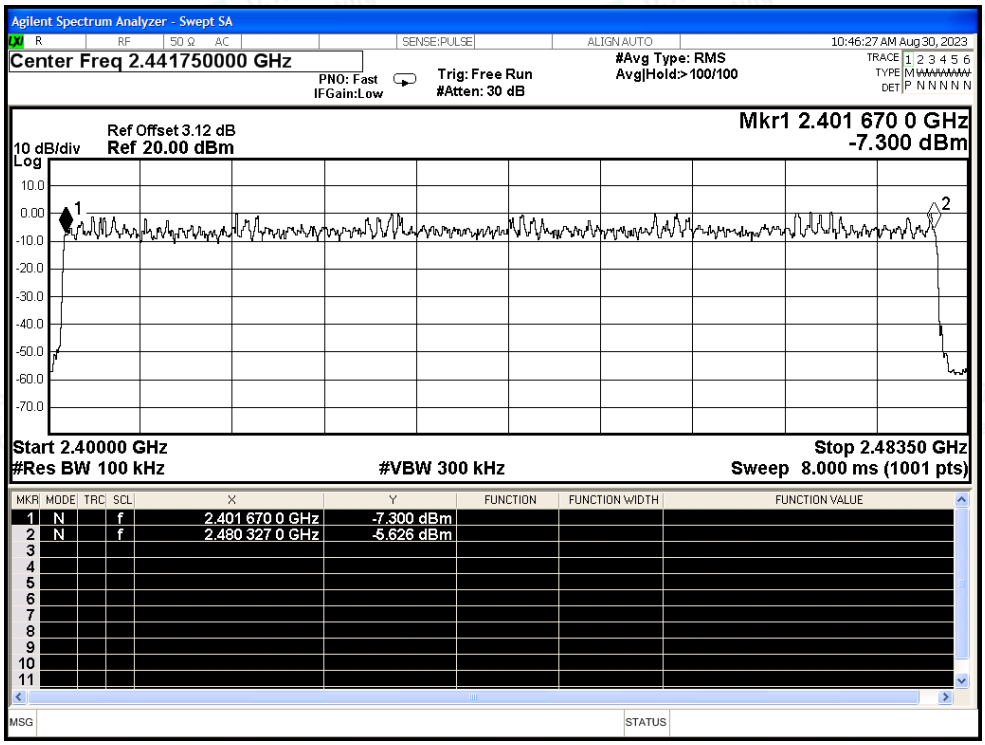
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

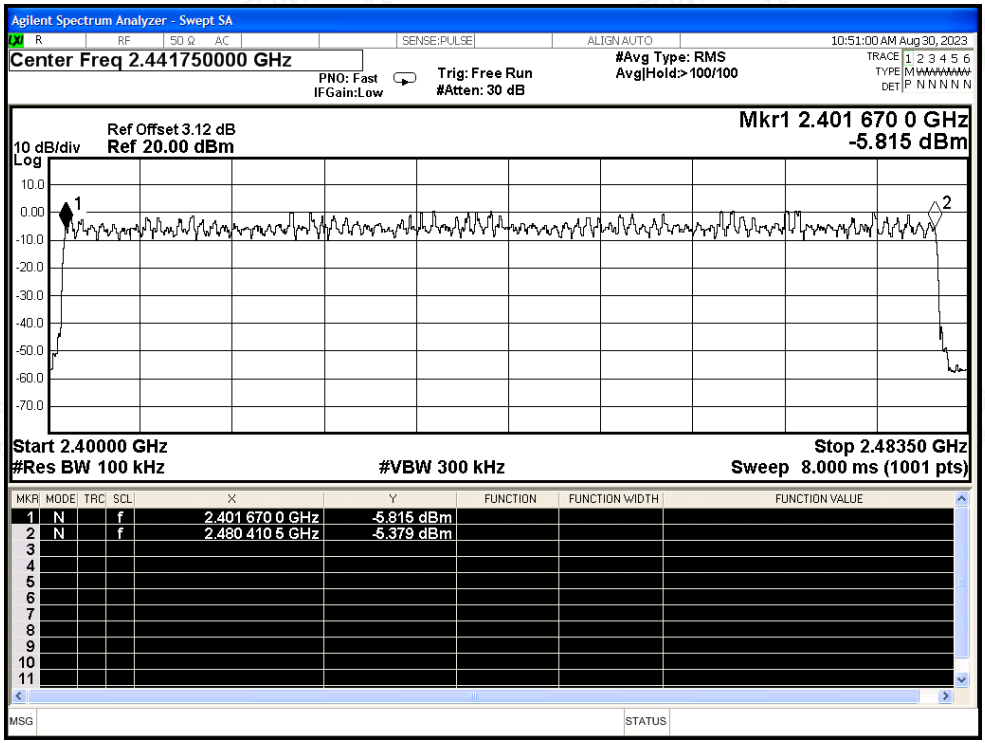
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

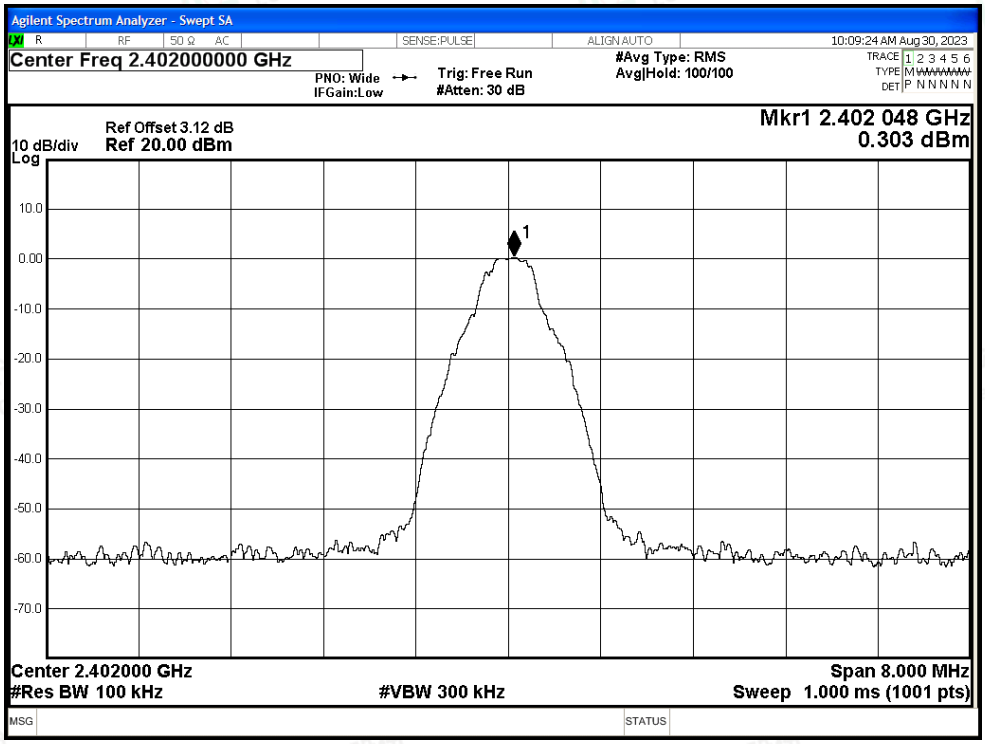


A.6 Band Edge

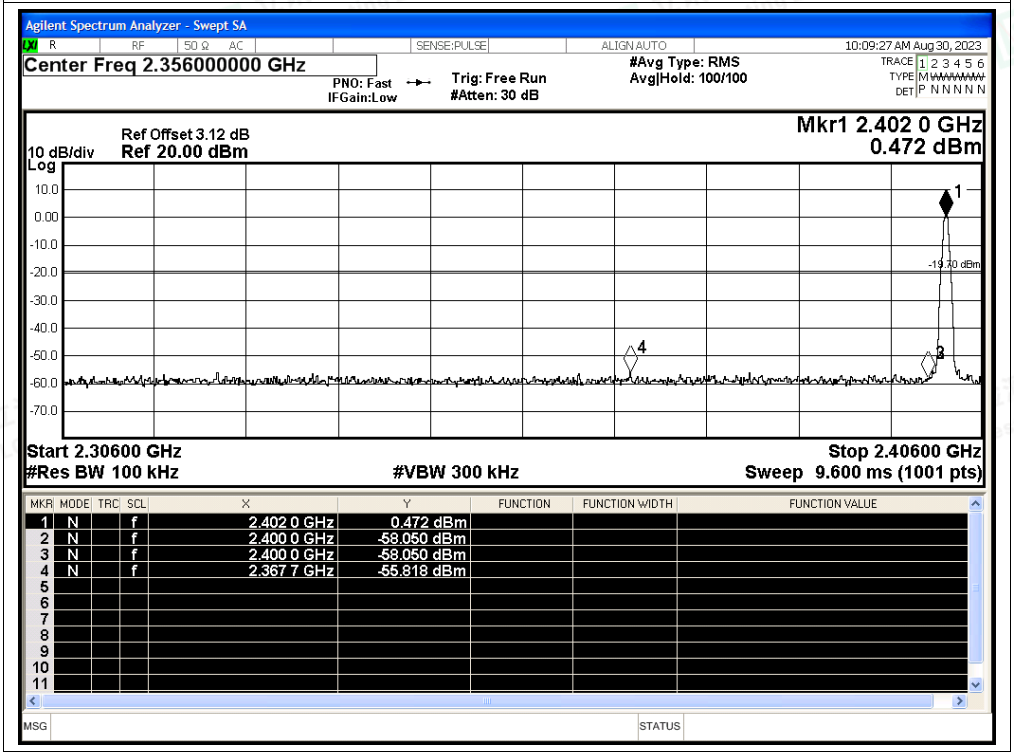
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-56.12	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-56.86	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-55.76	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-55.41	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-54.75	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-51.55	-20	Pass

Test Graphs

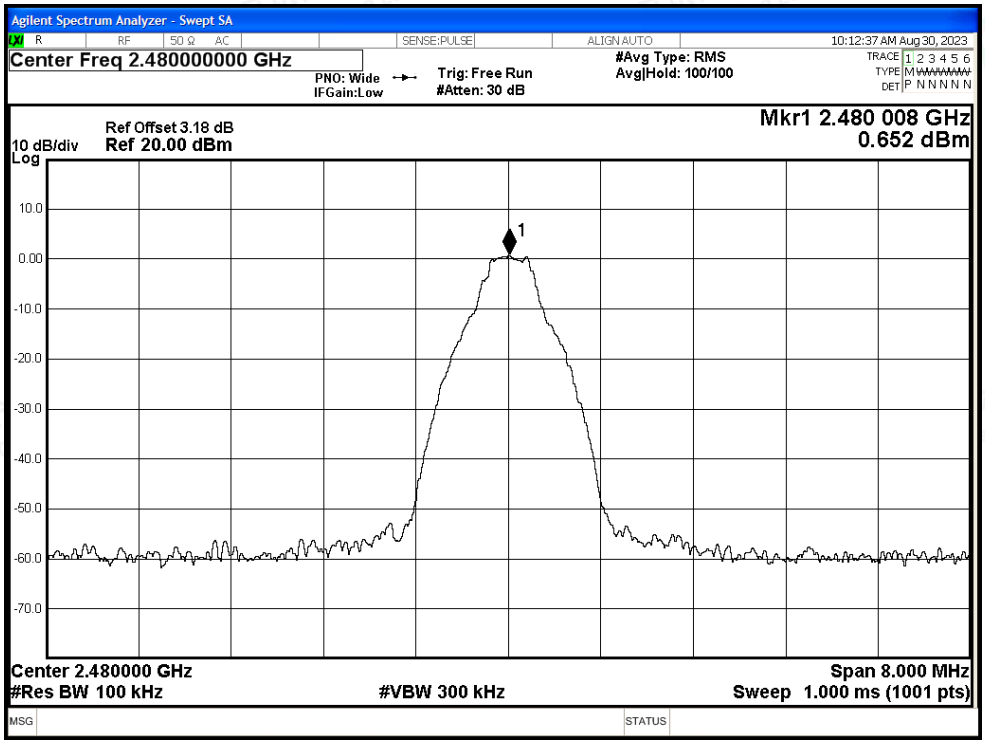
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



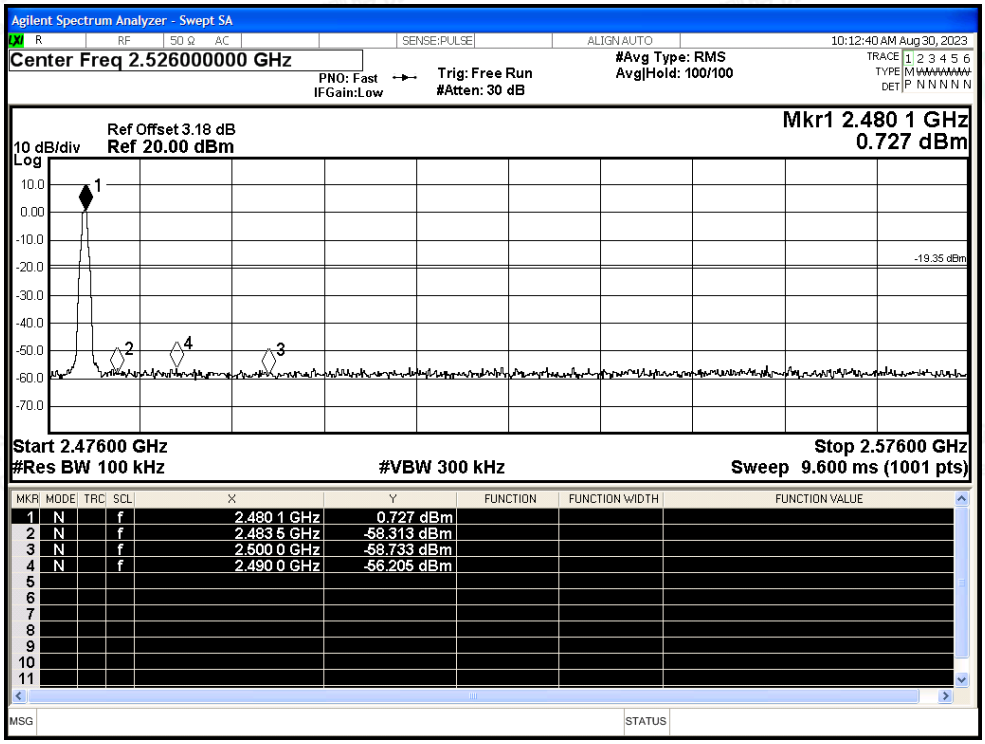
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



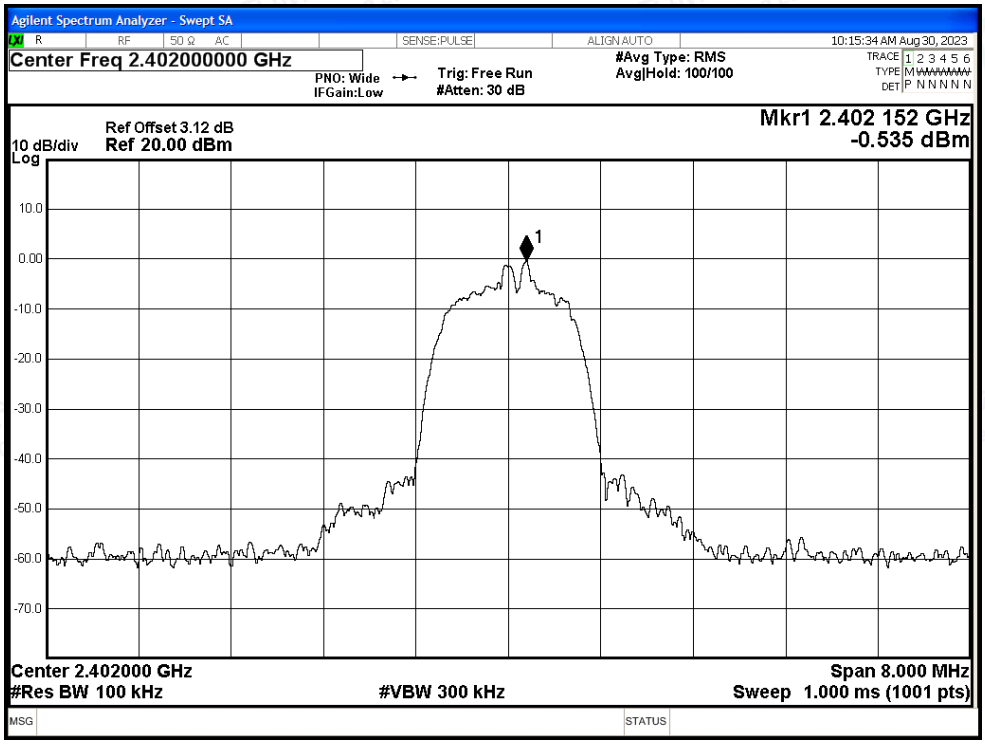
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



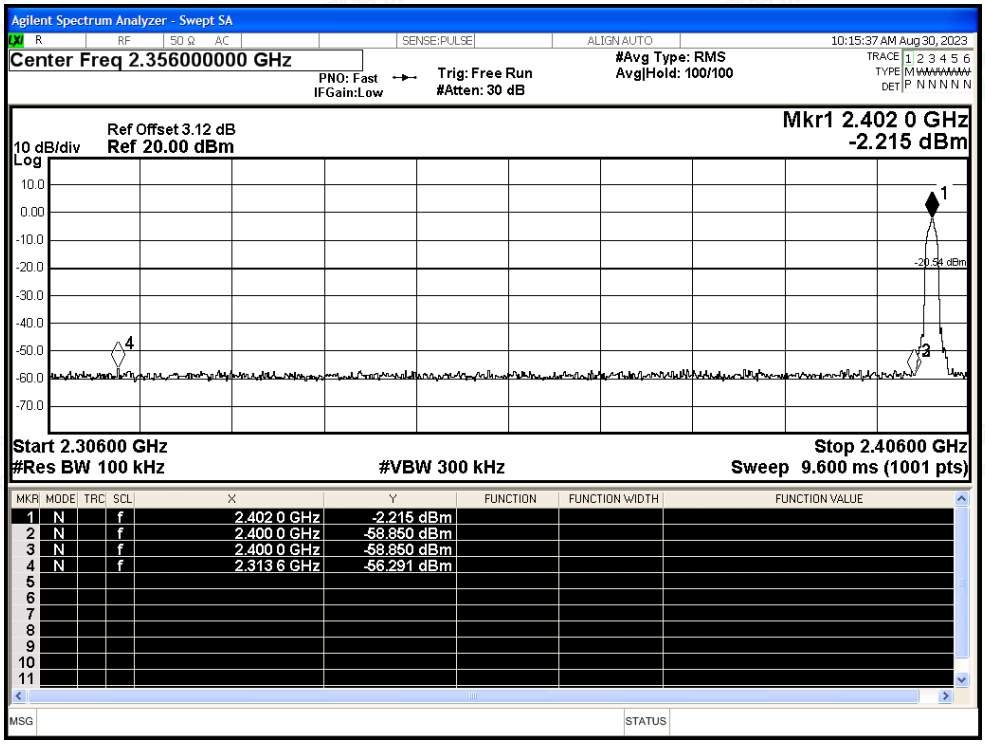
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



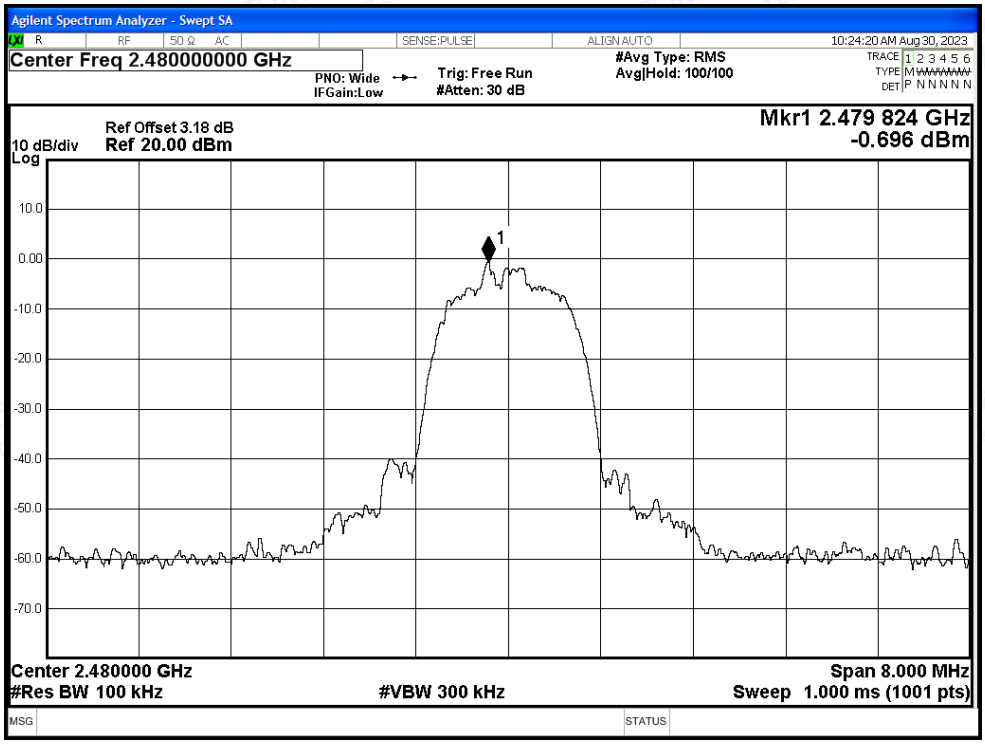
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



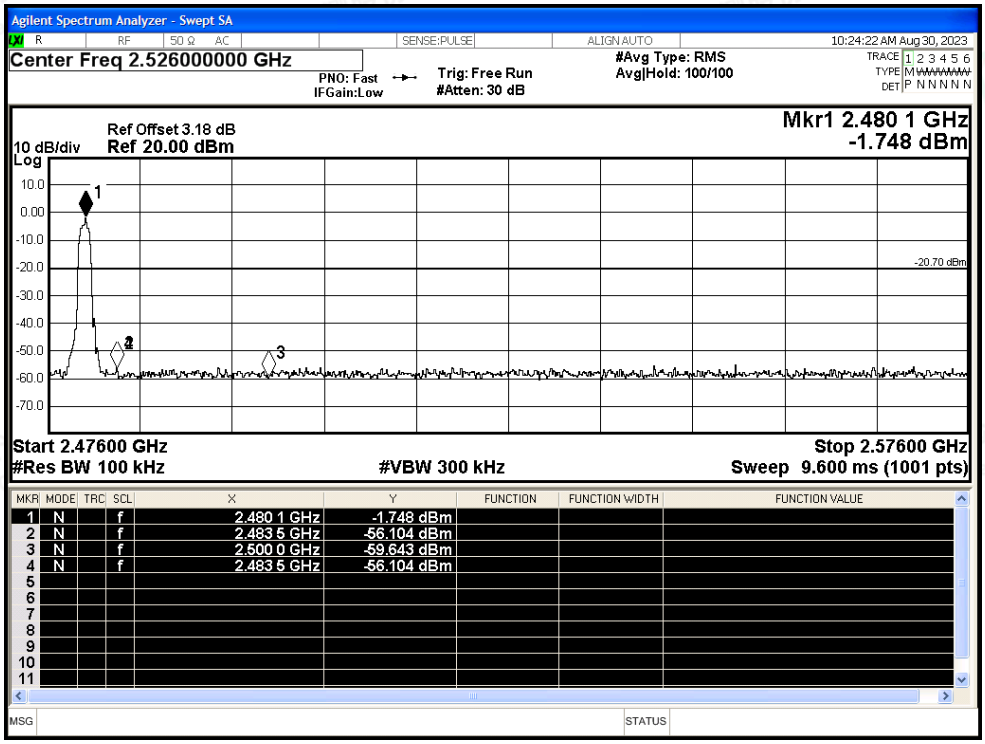
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



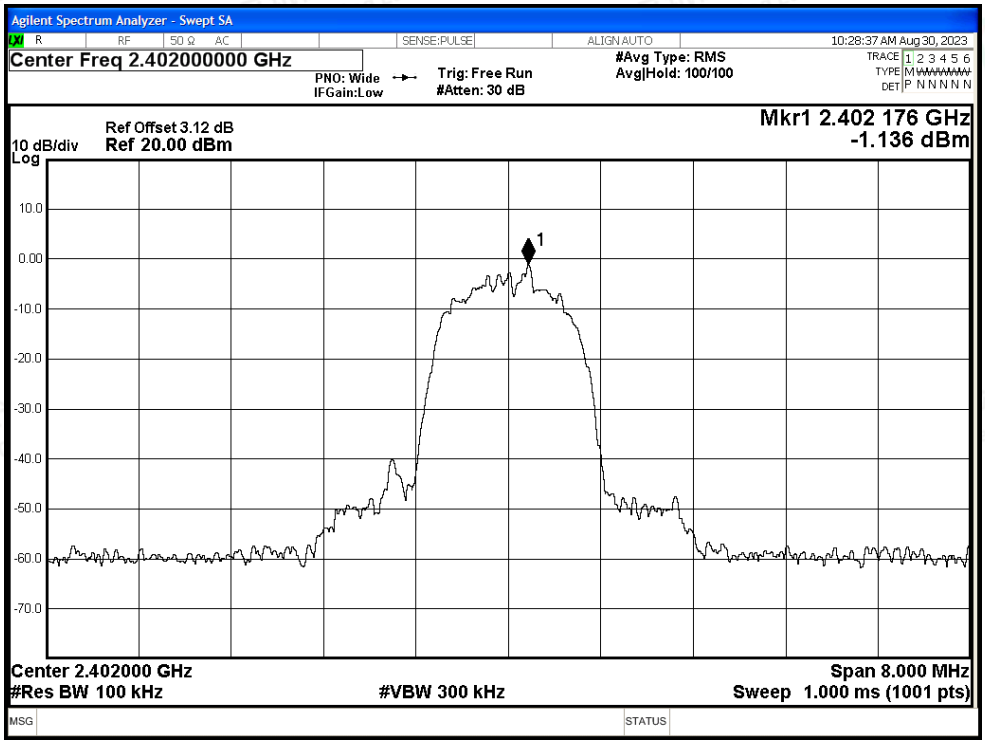
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref



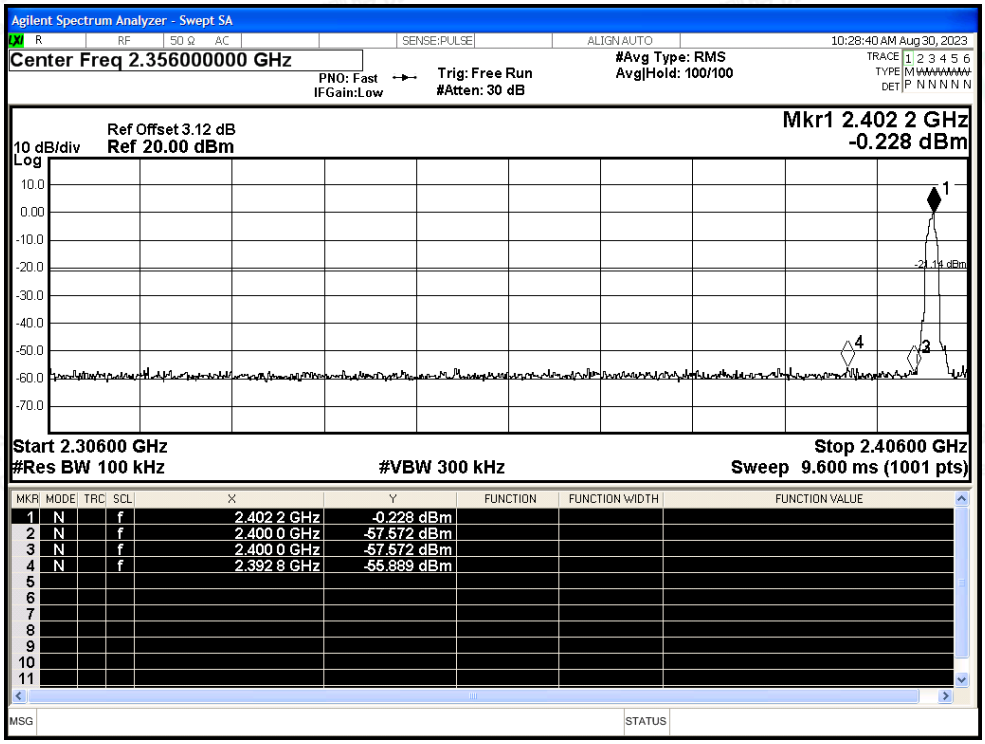
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



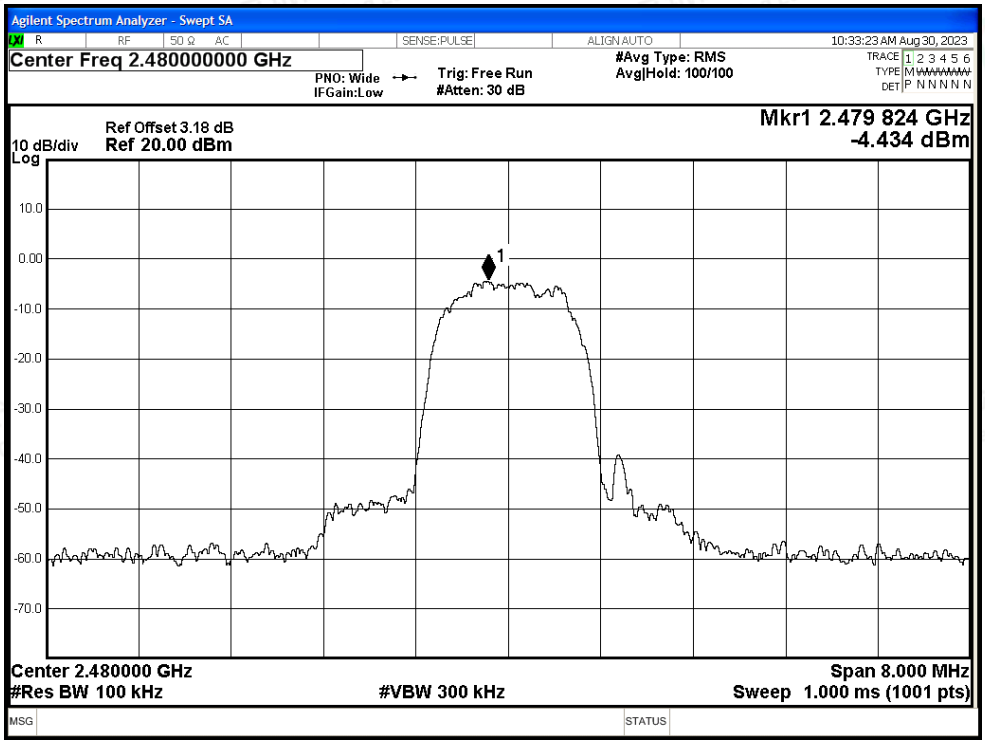
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref



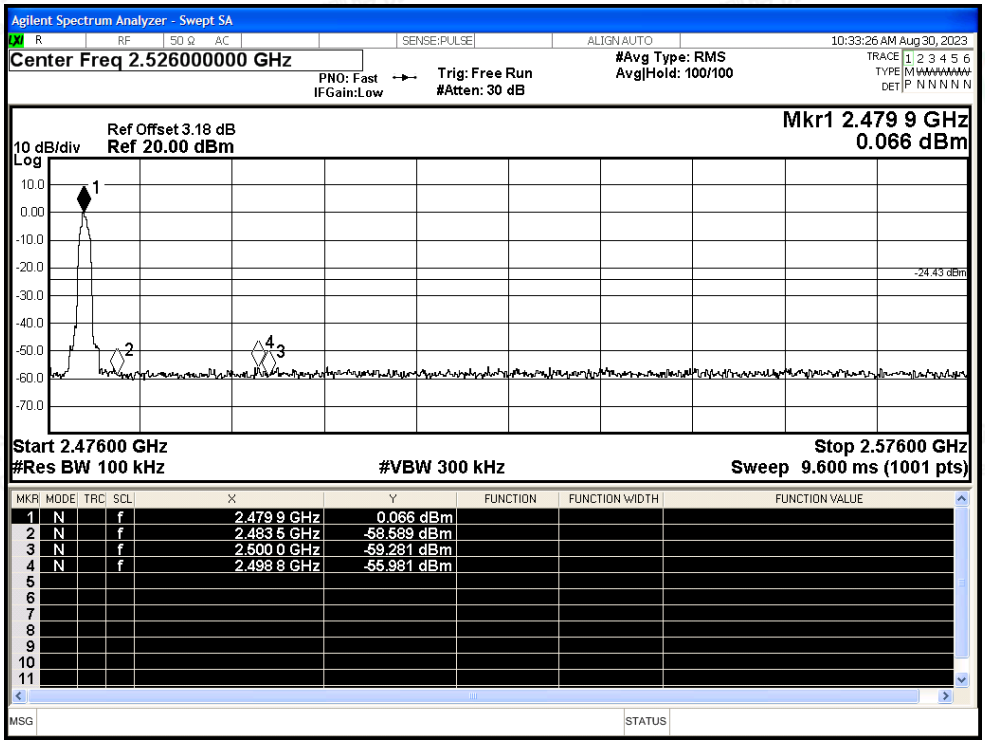
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

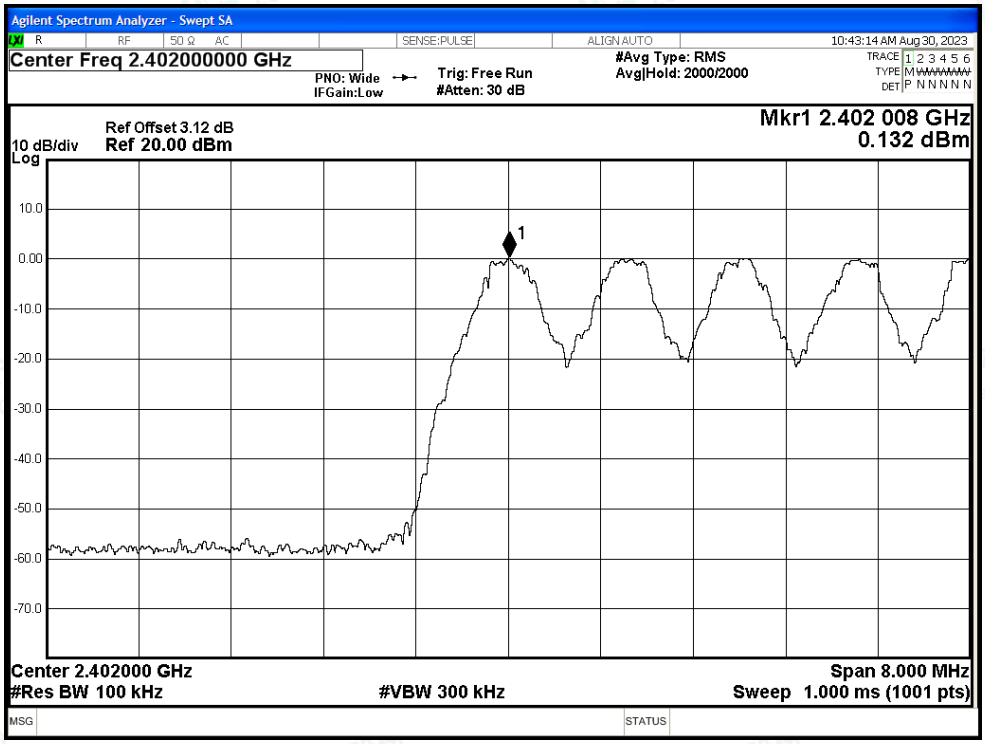


(Hopping)

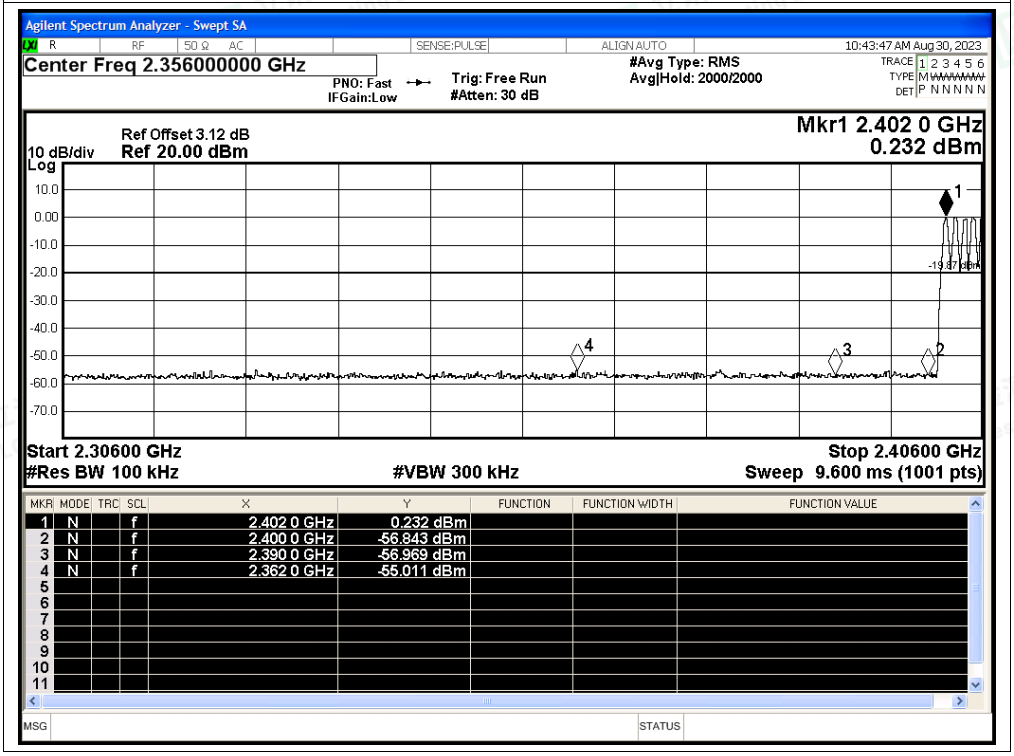
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-55.14	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-55.57	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-54.47	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-54.72	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-54.68	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-46.7	-20	Pass

Test Graphs

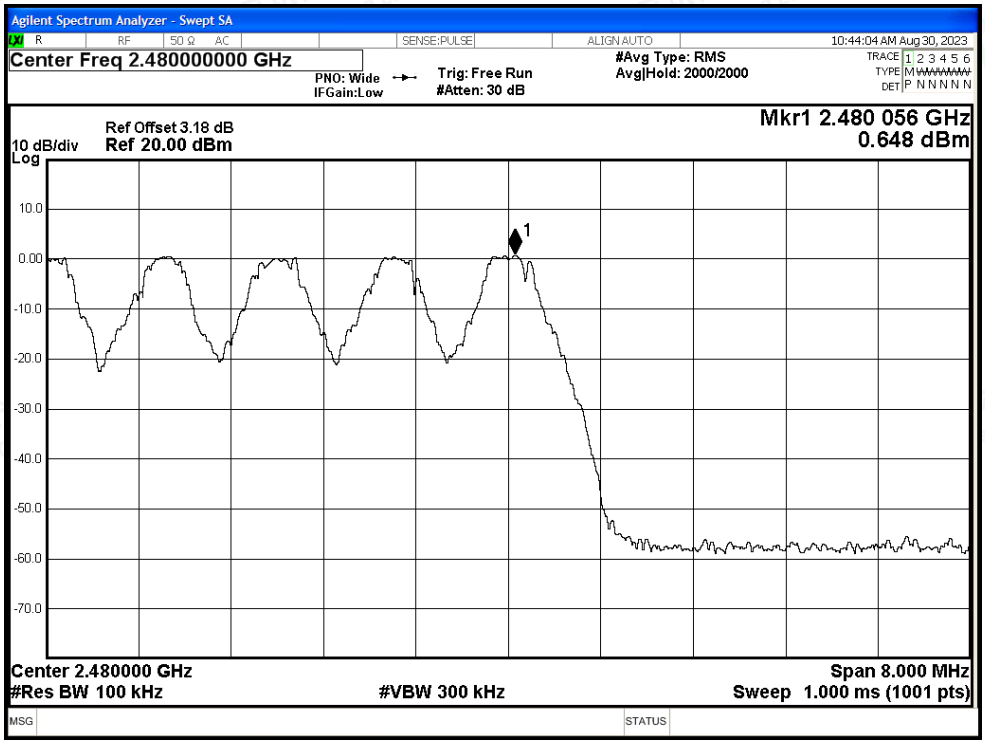
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref



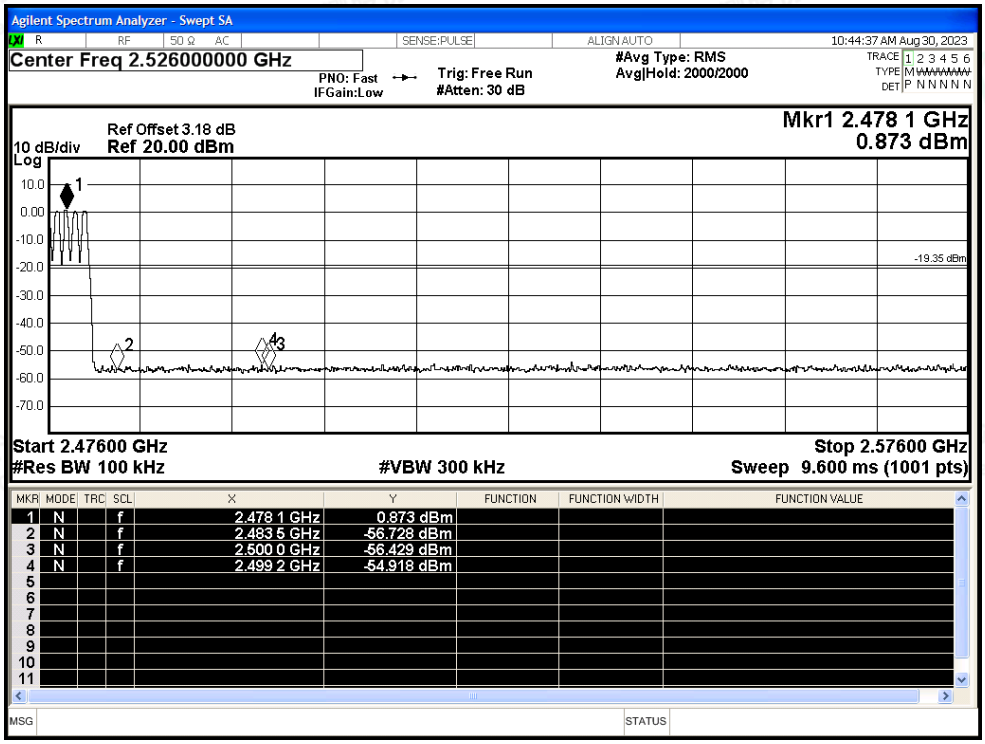
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



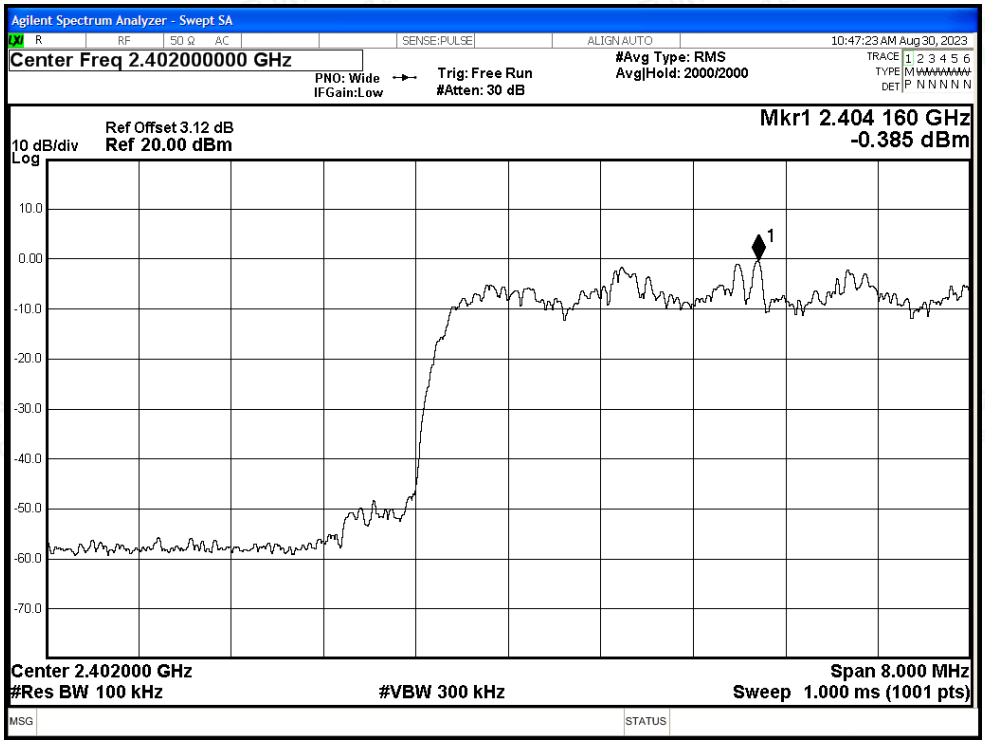
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref



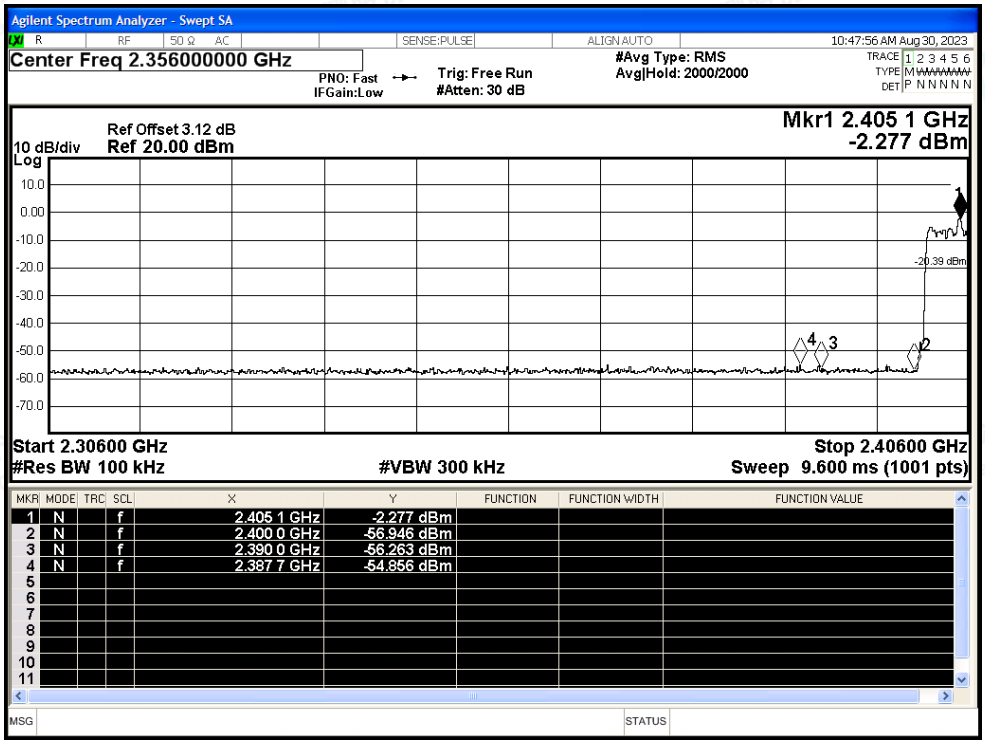
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



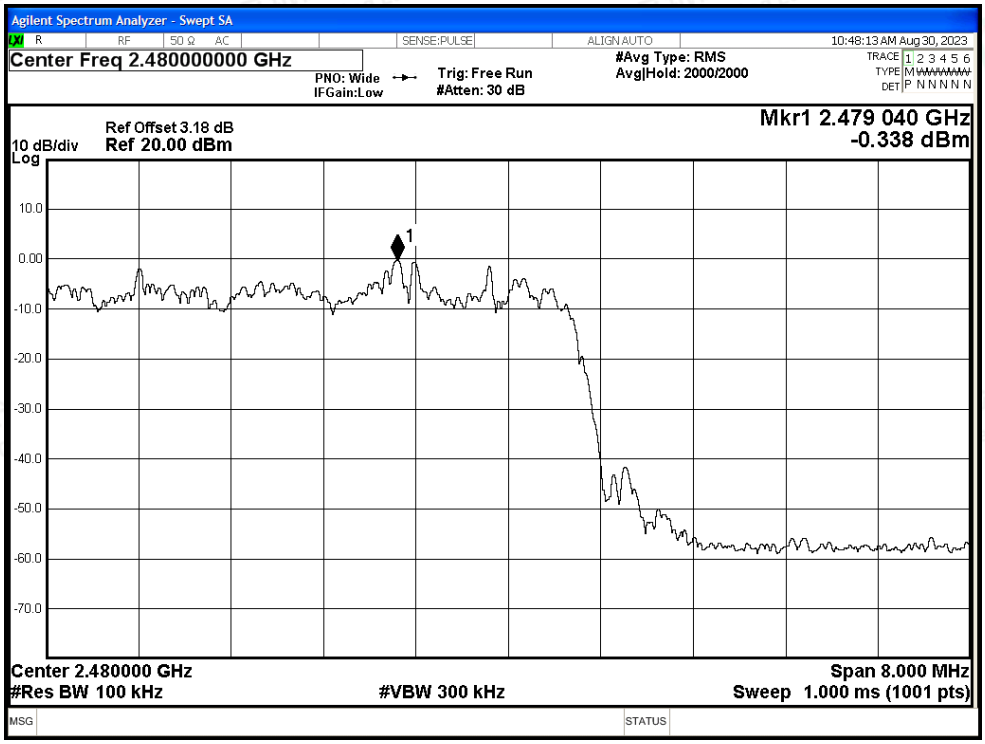
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



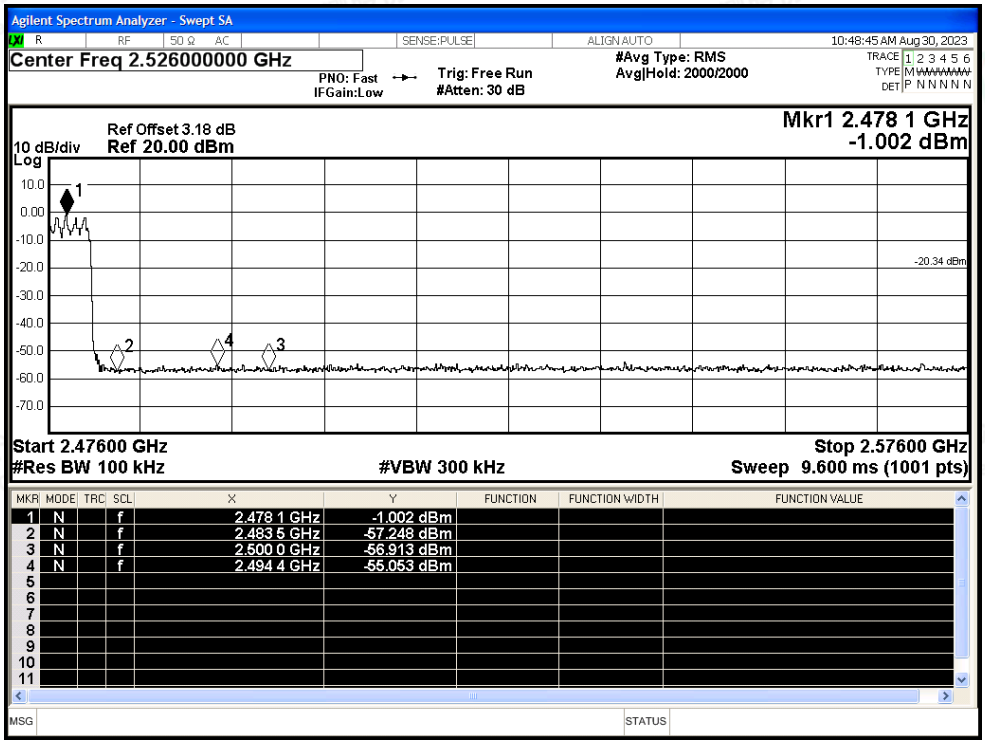
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



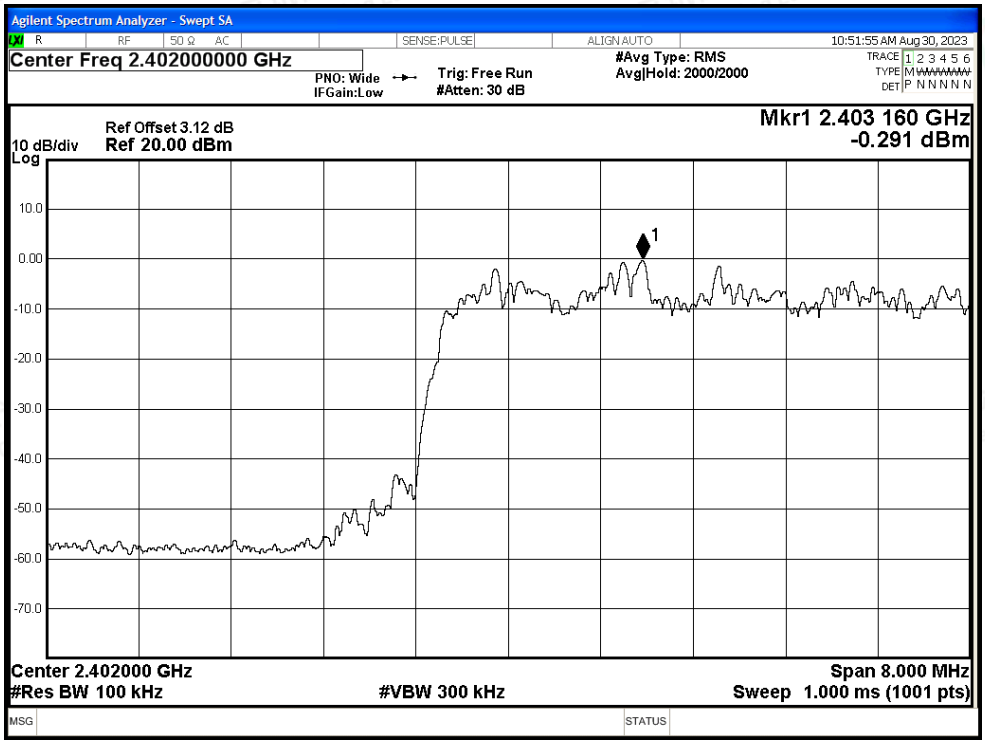
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref



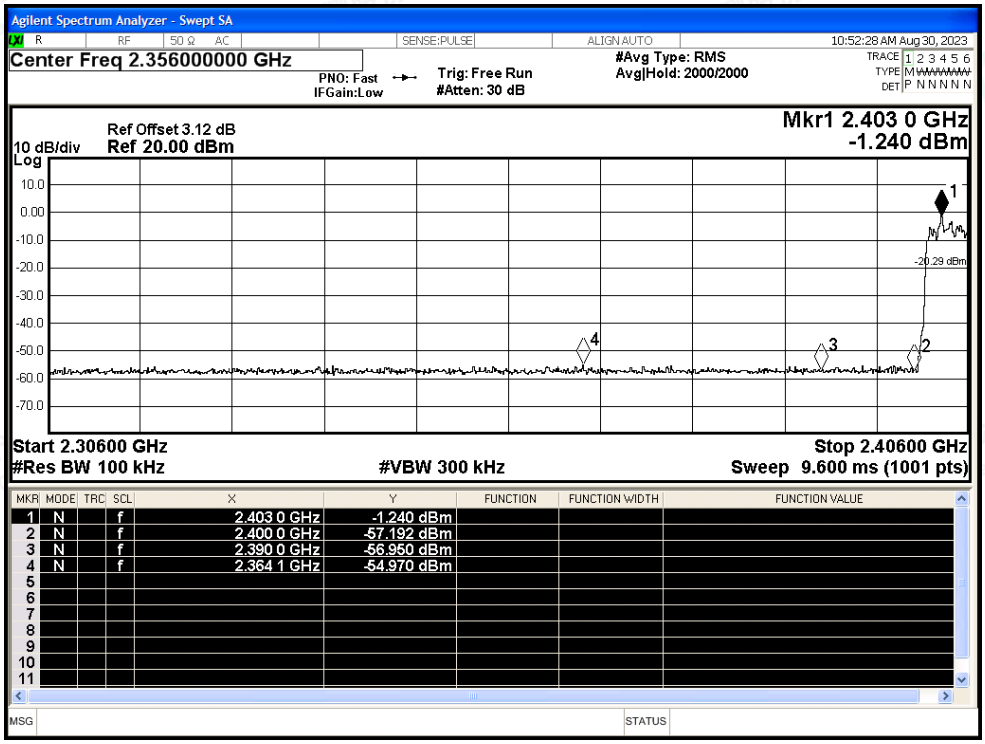
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



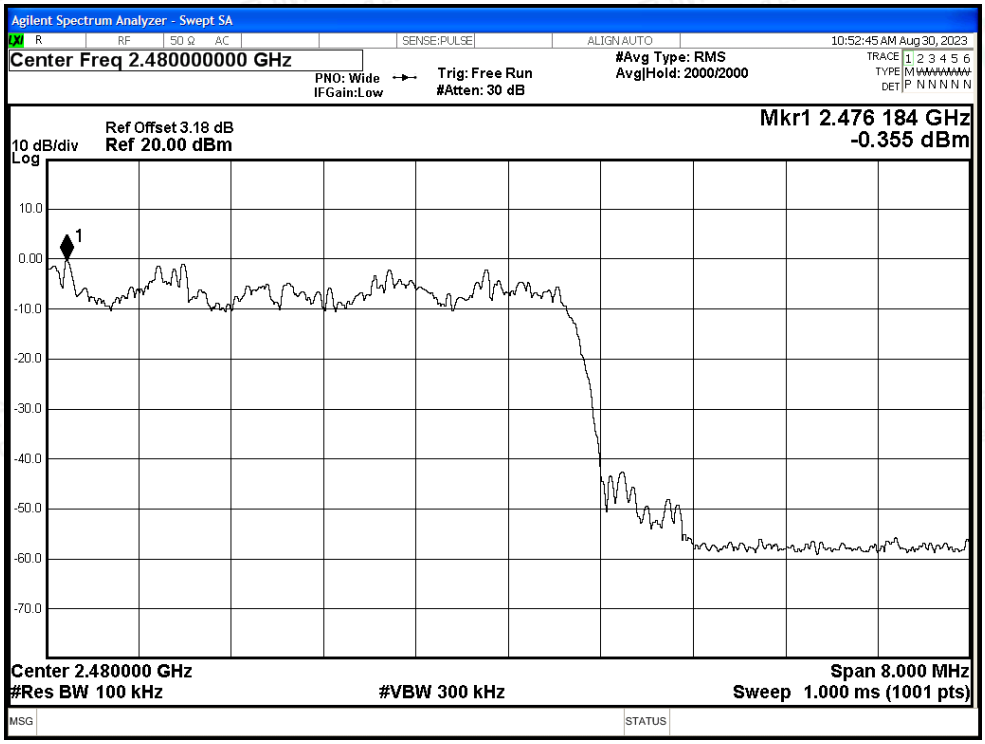
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



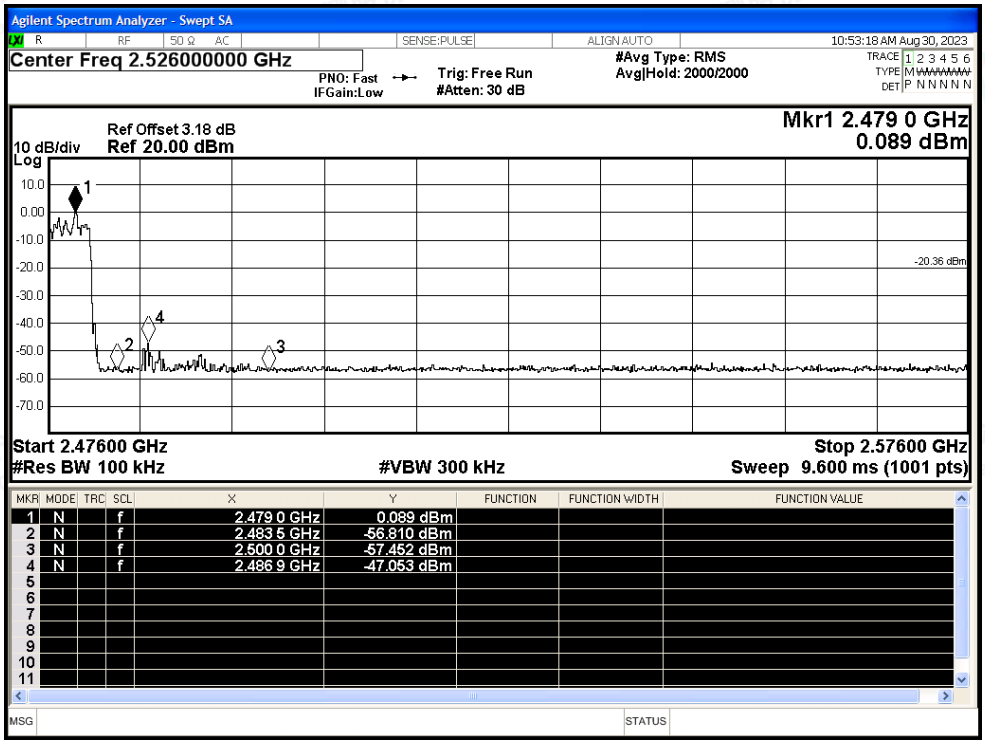
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



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



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

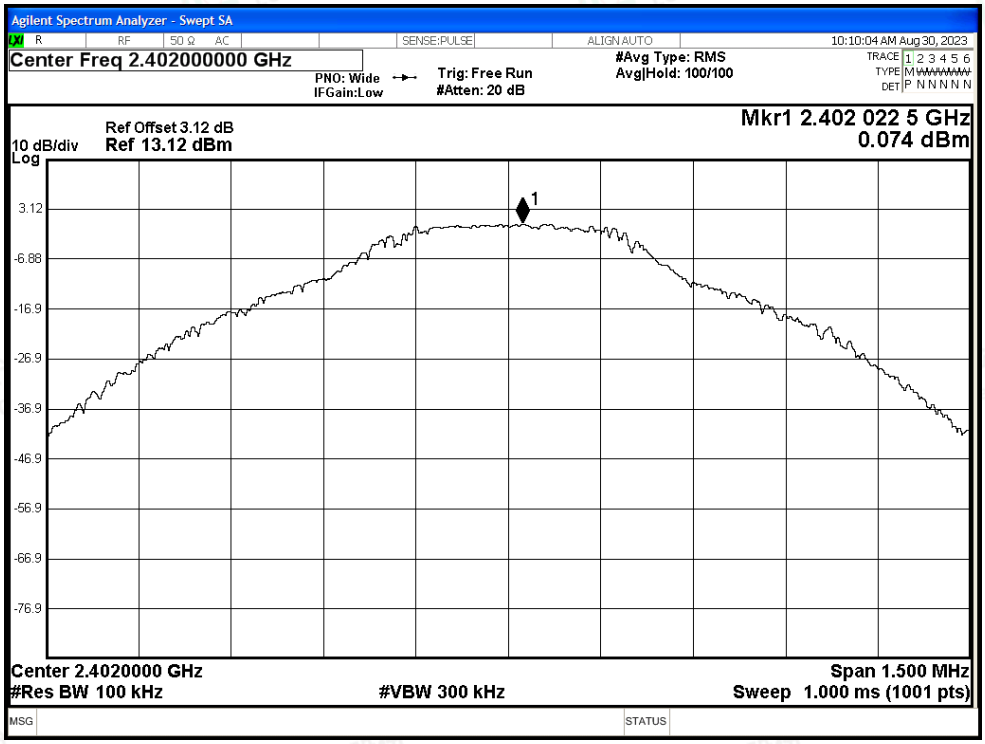


A.7 Conducted RF Spurious Emission

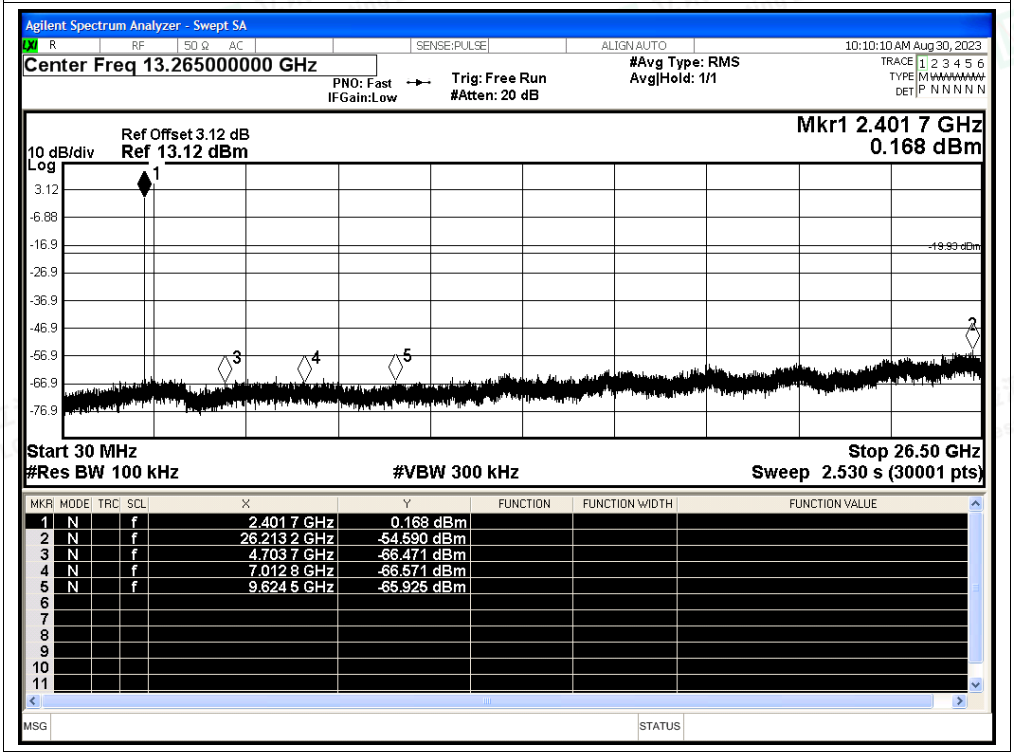
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-54.66	-20	Pass
NVNT	1-DH5	2441	Ant1	-56.51	-20	Pass
NVNT	1-DH5	2480	Ant1	-56.14	-20	Pass
NVNT	2-DH5	2402	Ant1	-55.46	-20	Pass
NVNT	2-DH5	2441	Ant1	-53.41	-20	Pass
NVNT	2-DH5	2480	Ant1	-54.76	-20	Pass
NVNT	3-DH5	2402	Ant1	-54.6	-20	Pass
NVNT	3-DH5	2441	Ant1	-53.17	-20	Pass
NVNT	3-DH5	2480	Ant1	-55.33	-20	Pass

Test Graphs

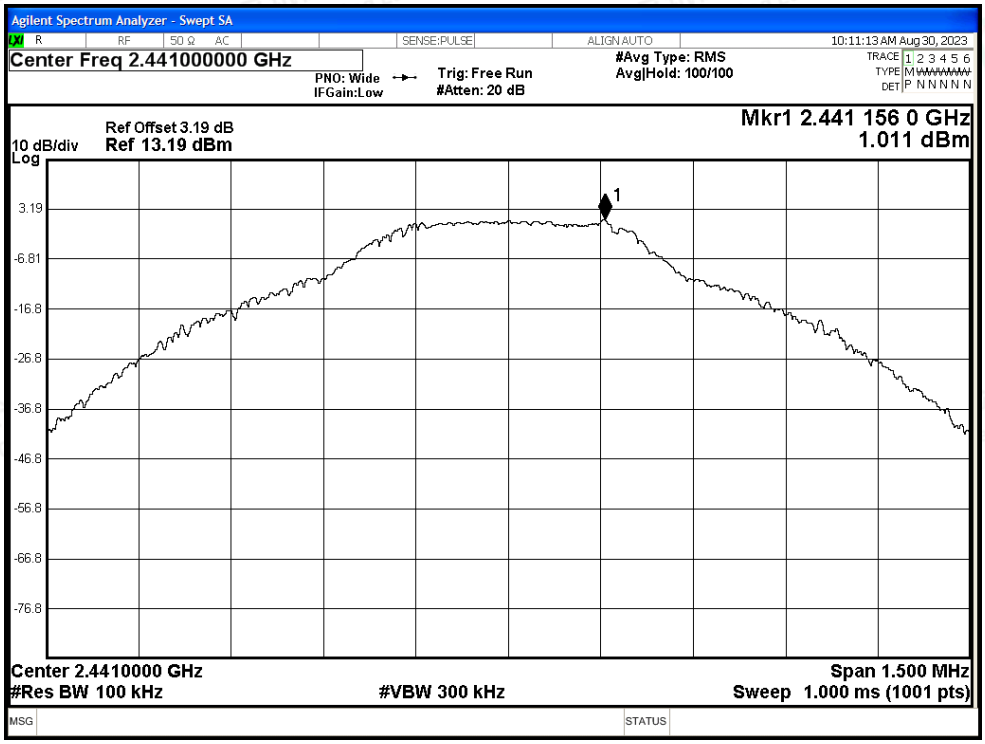
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



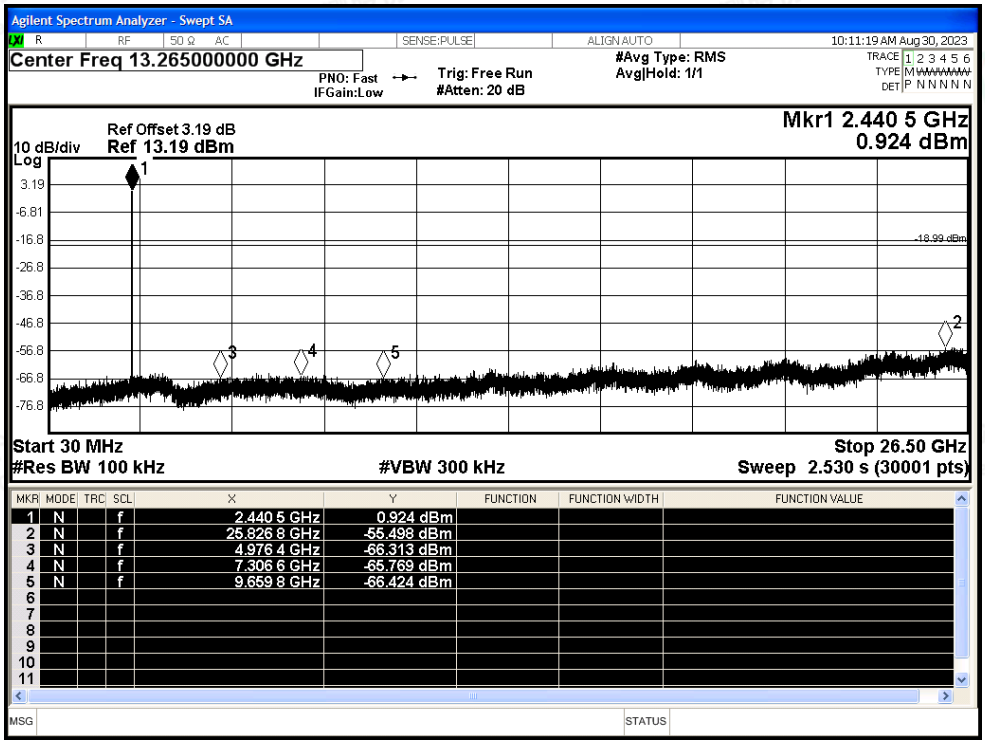
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



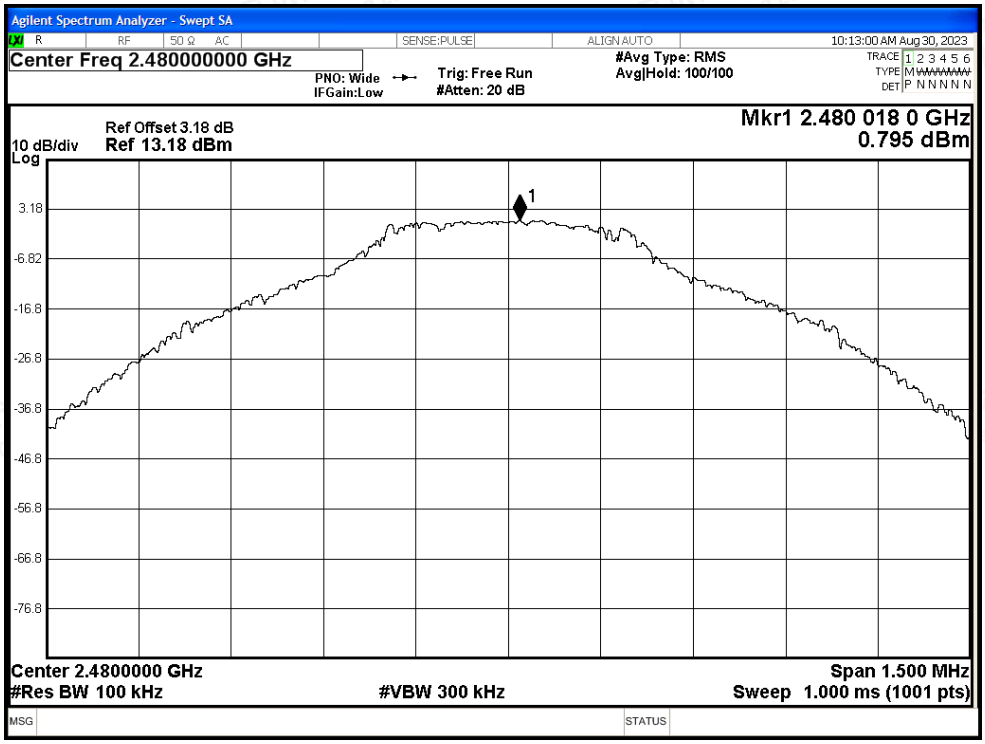
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



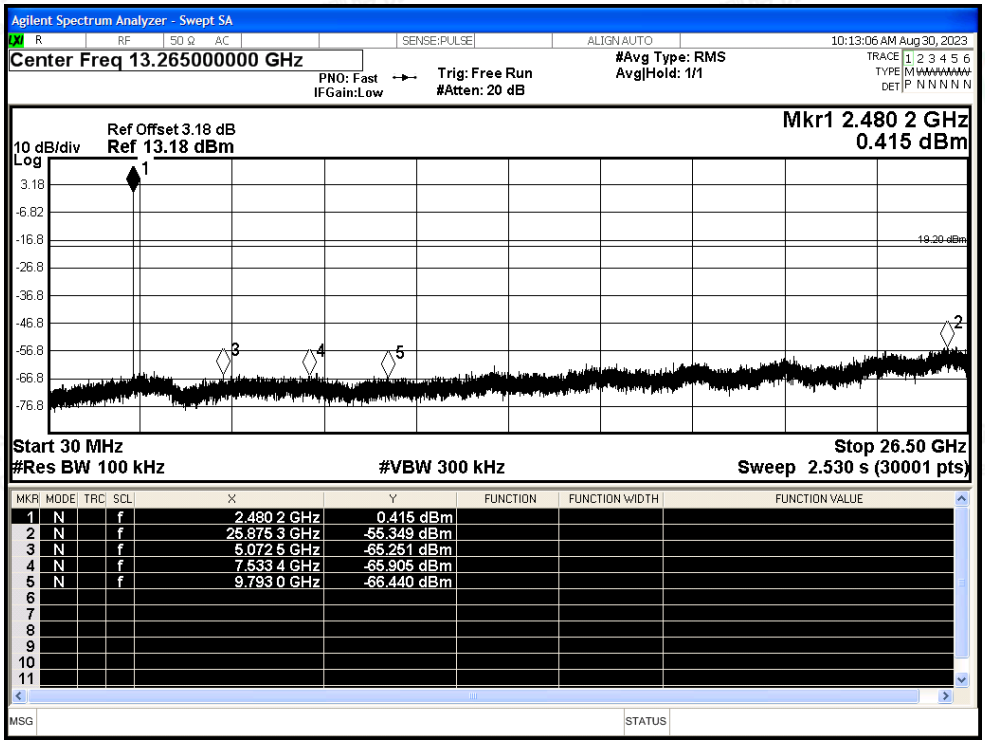
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



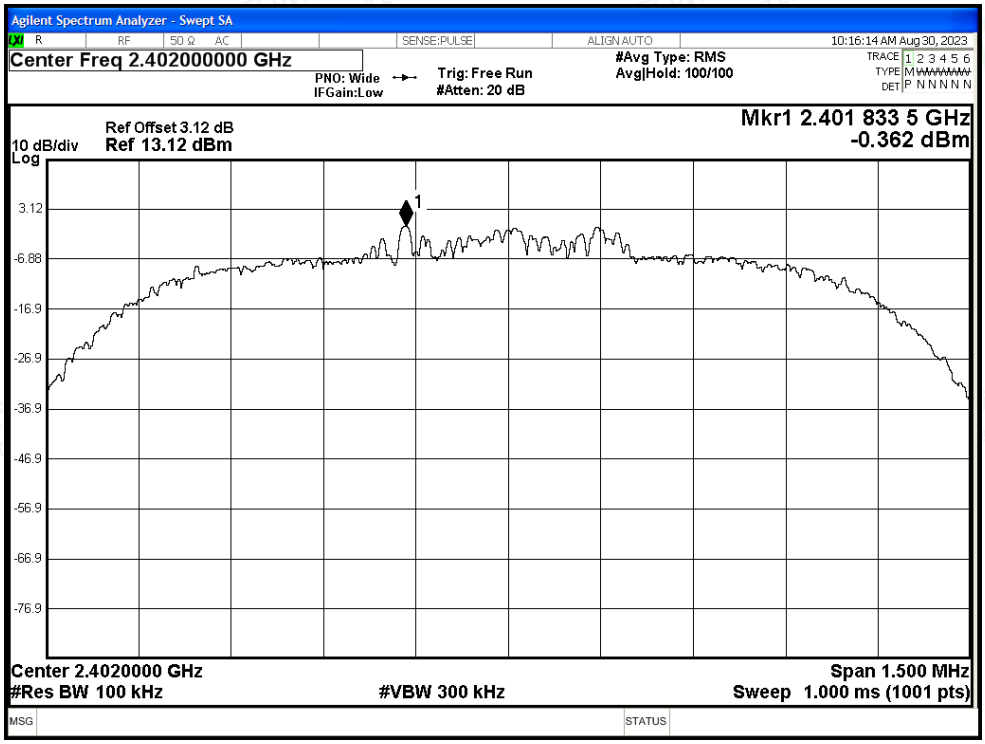
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



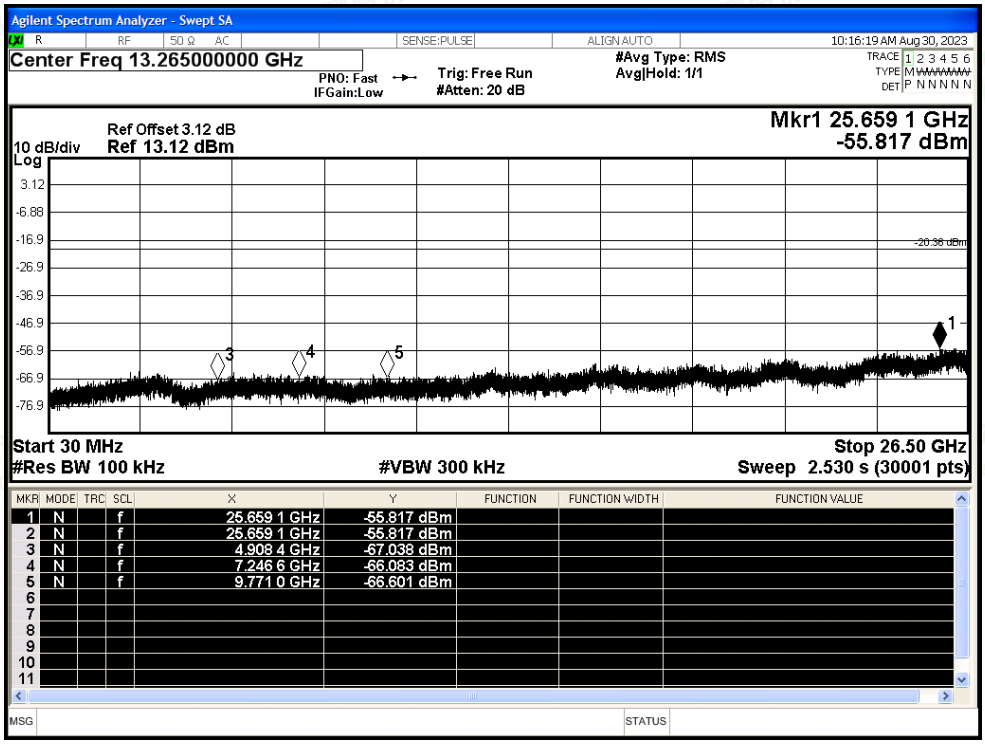
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



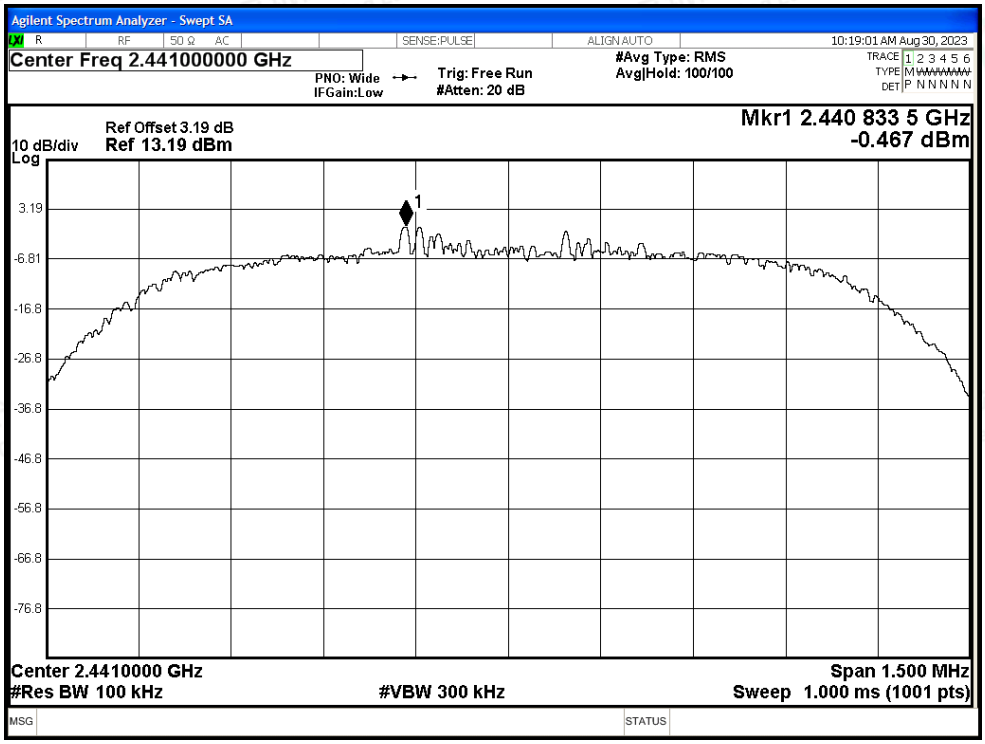
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



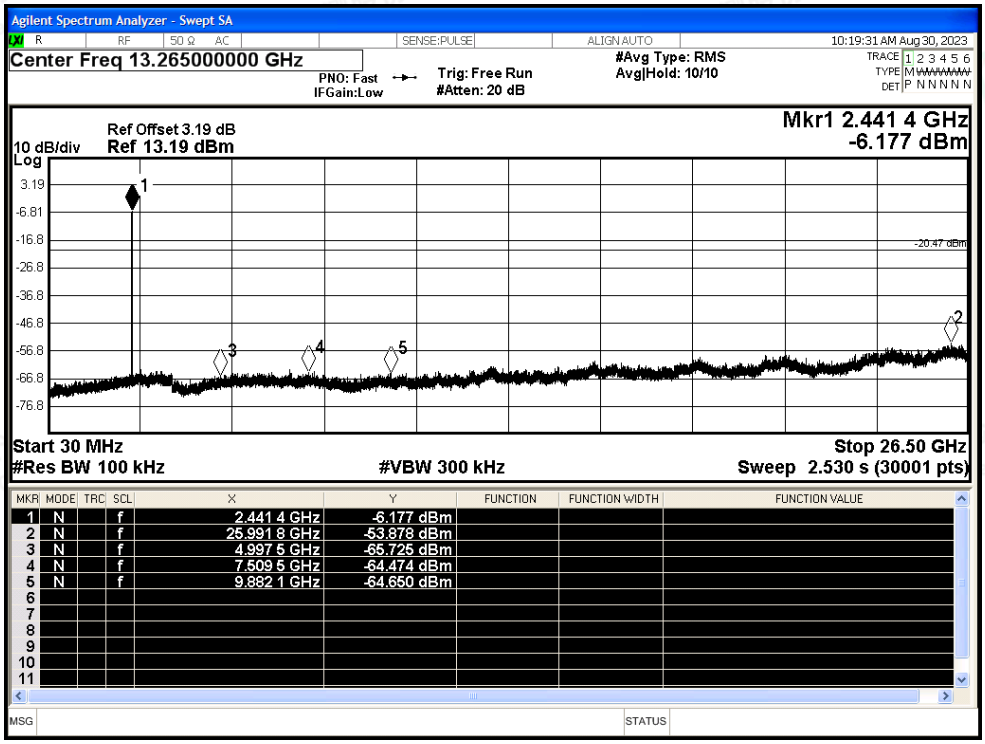
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



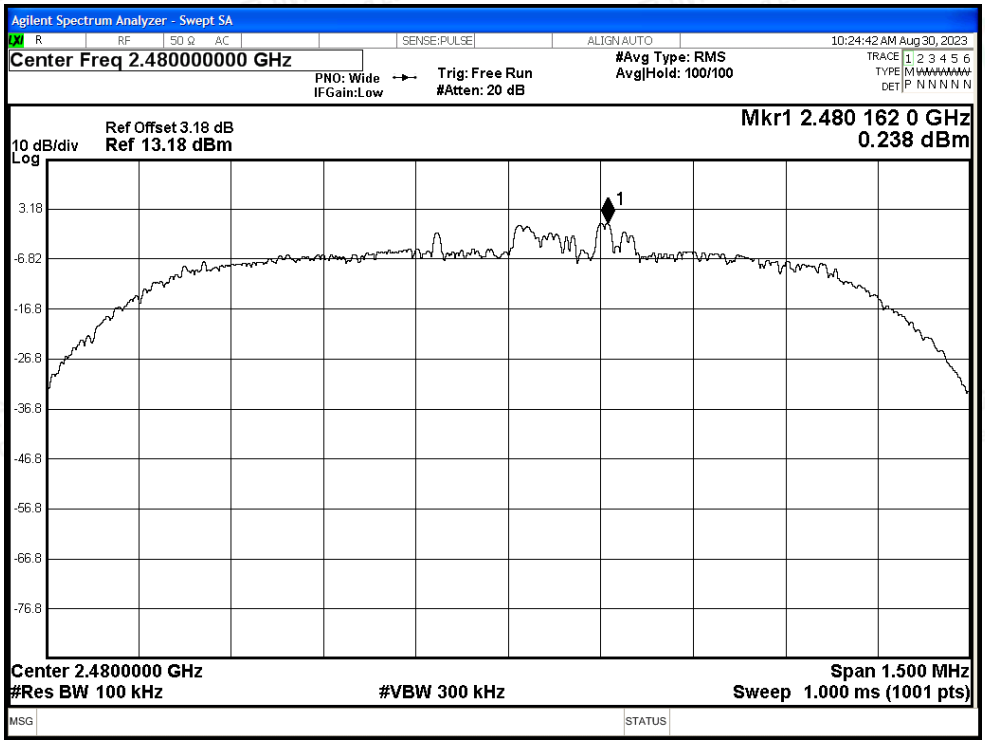
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



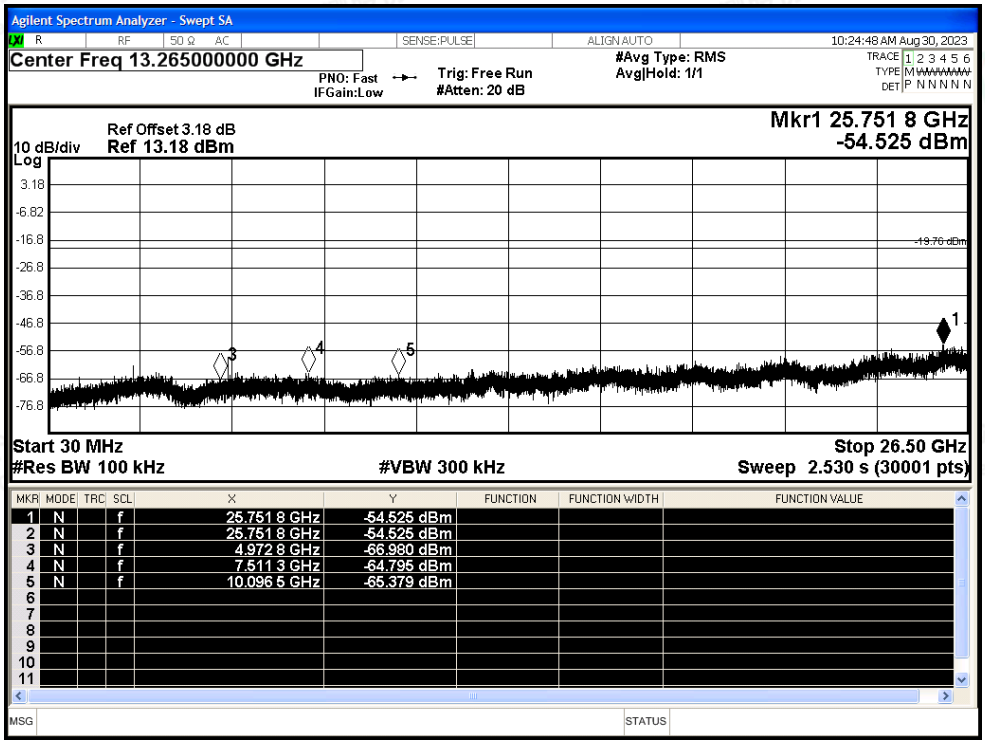
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



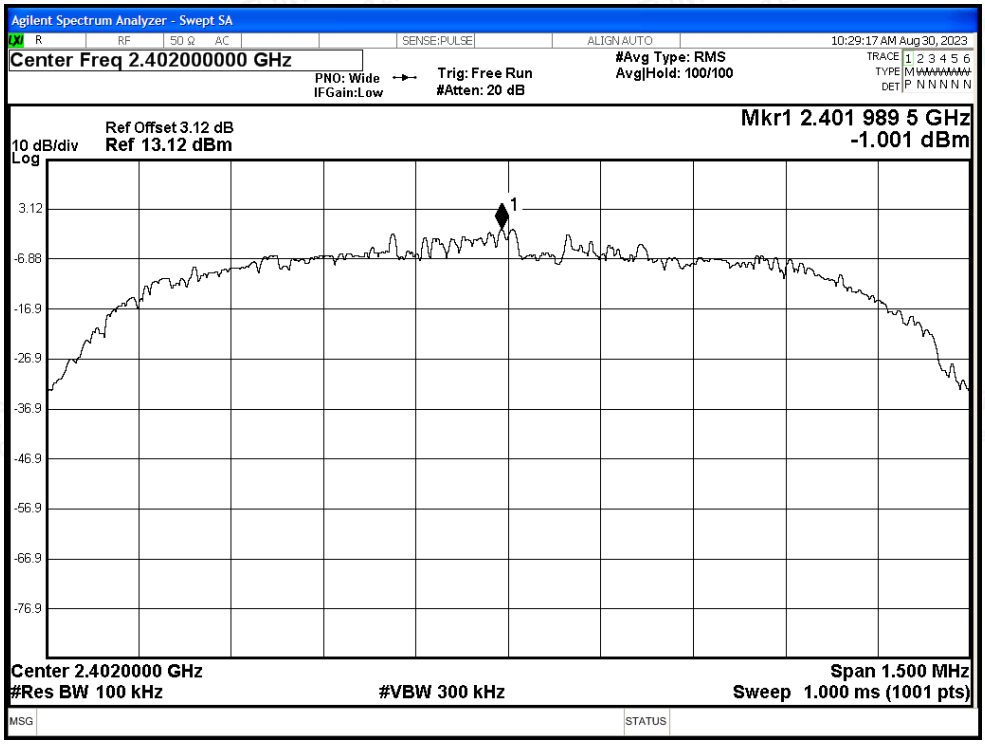
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



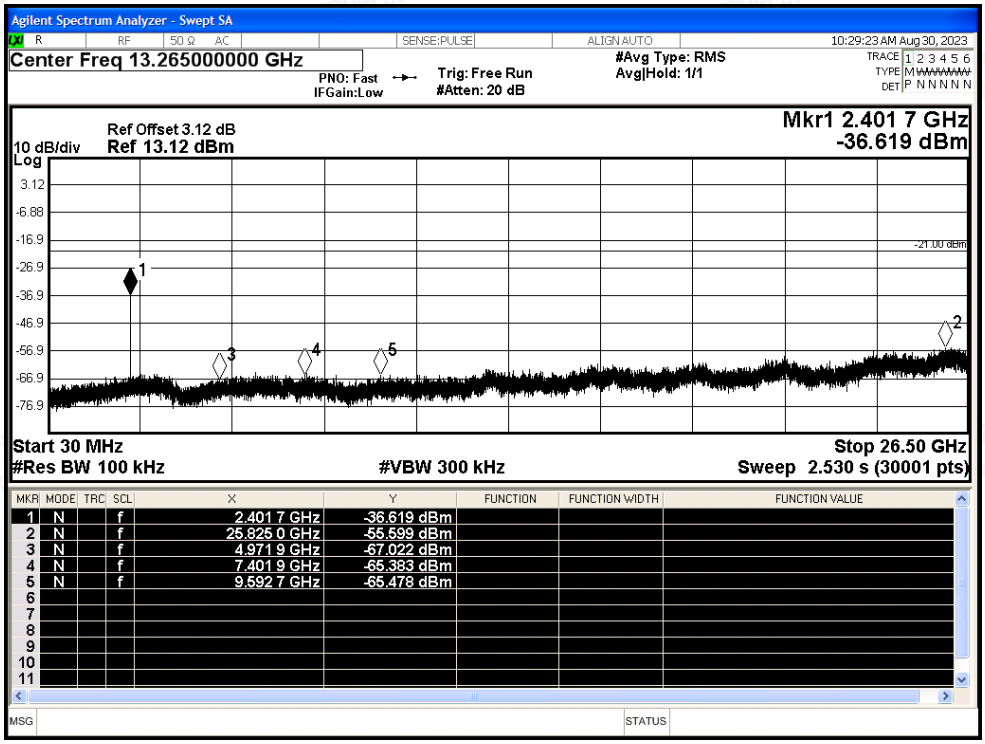
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



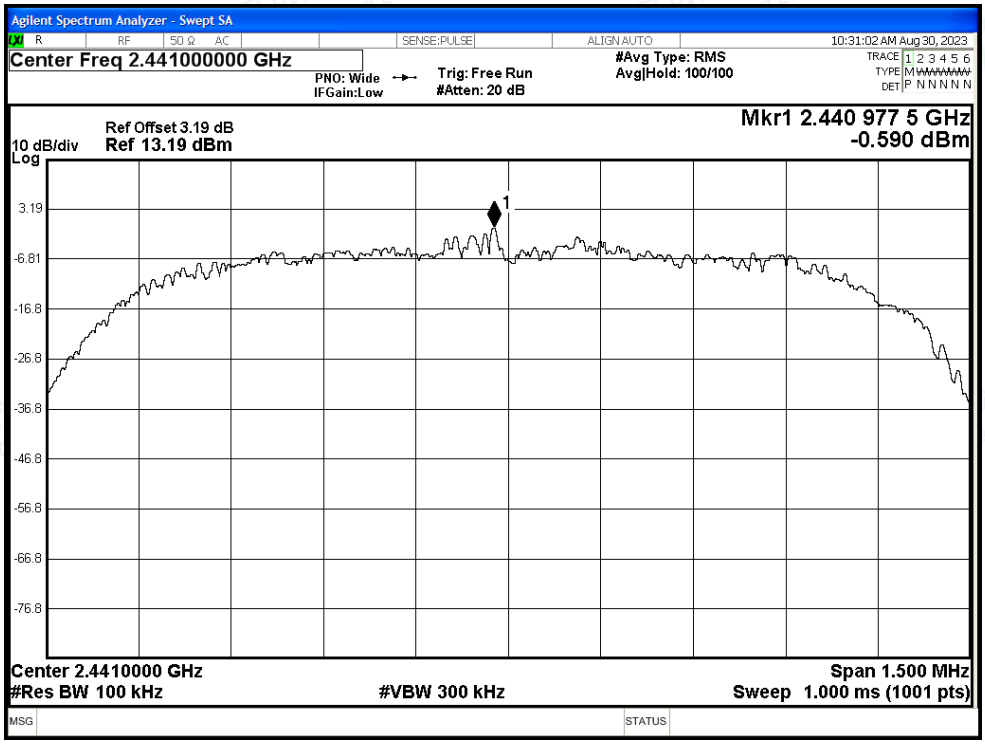
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



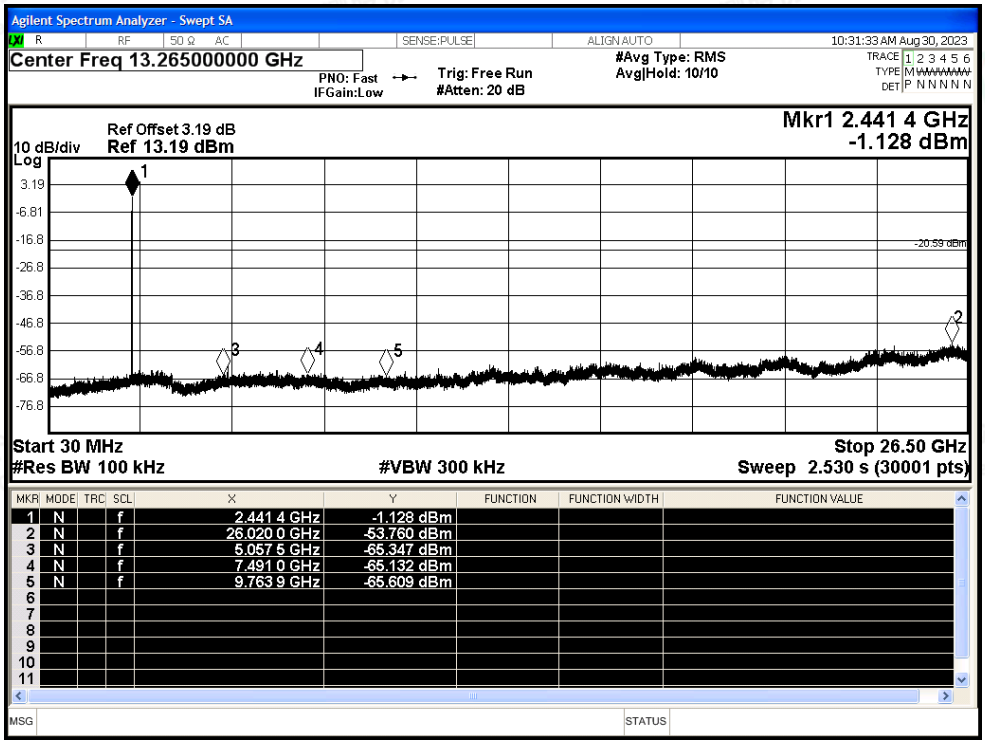
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



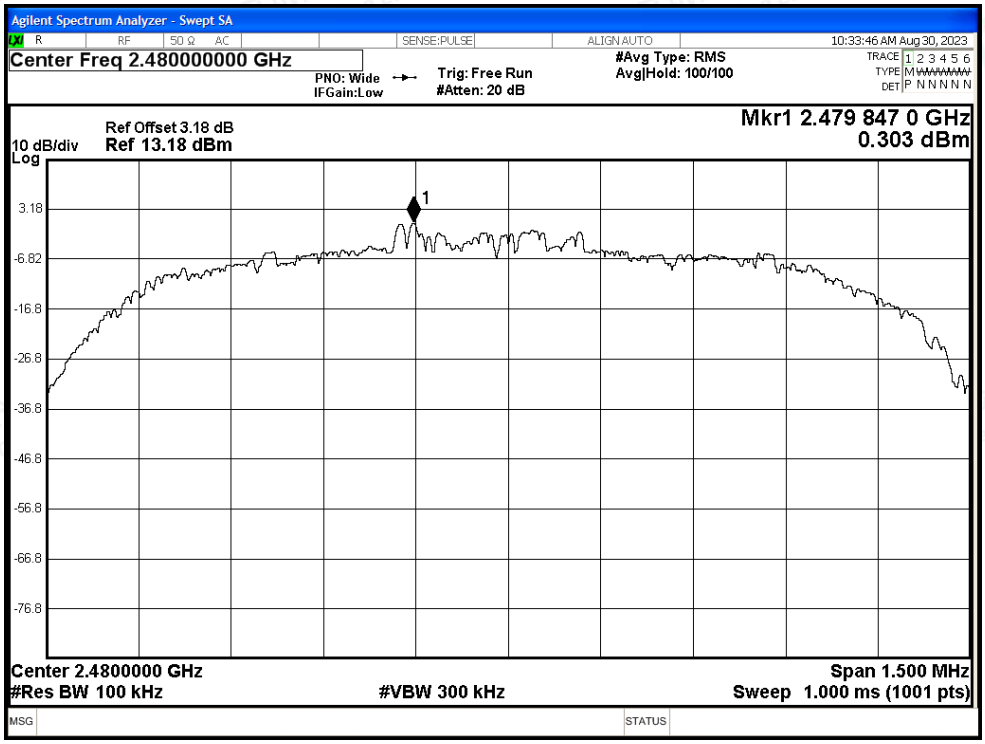
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



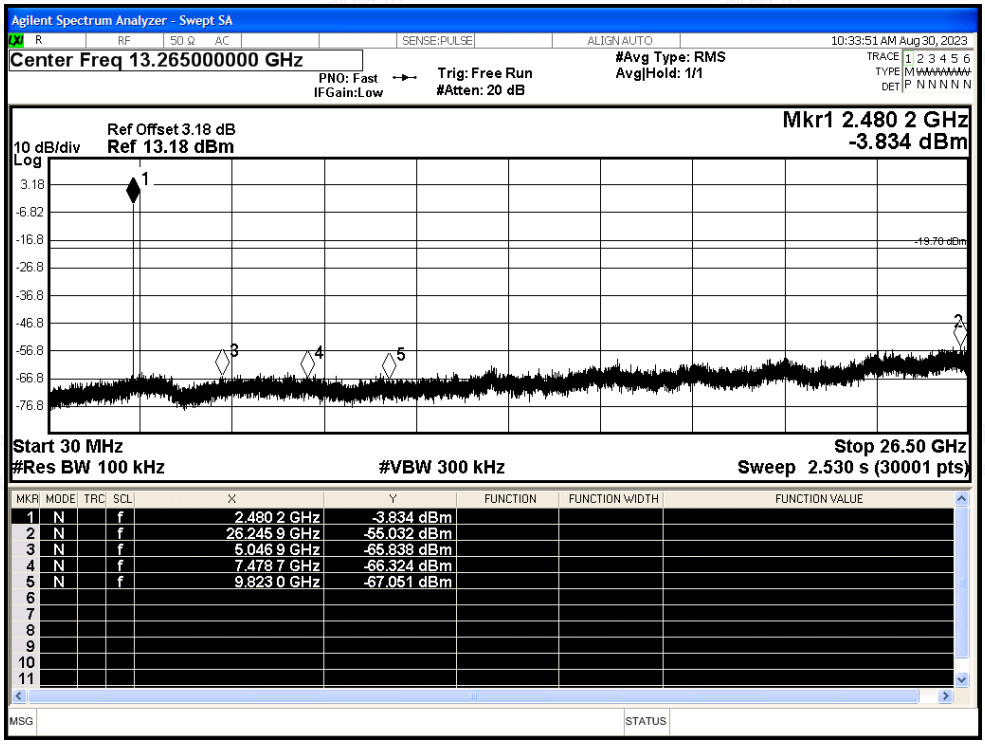
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission

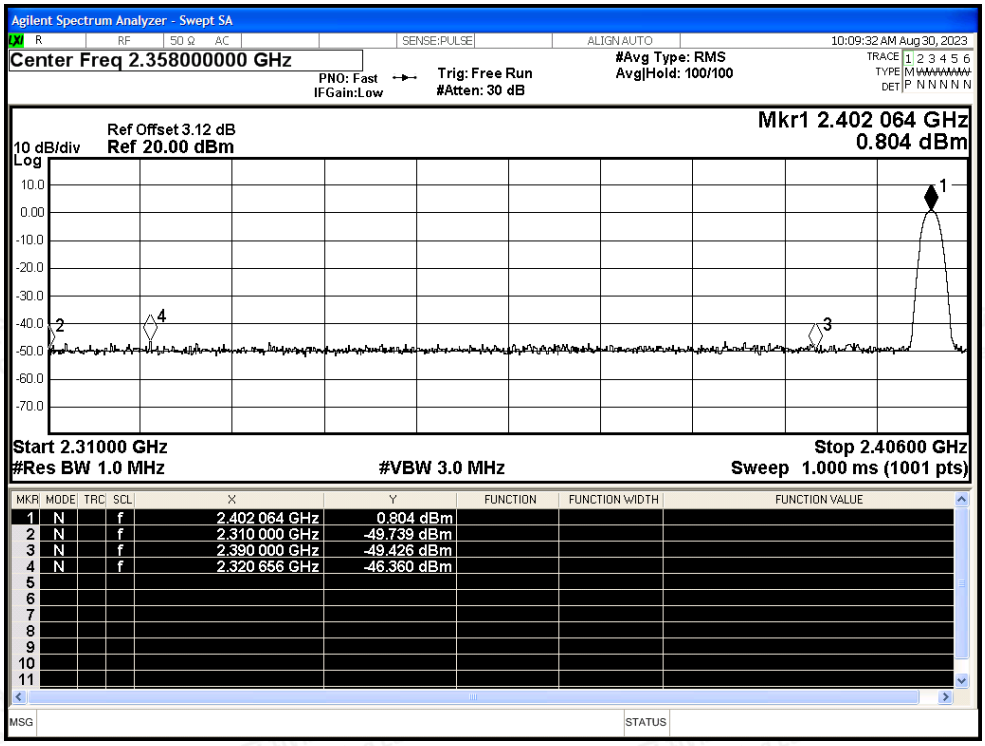


A.8 Restrict Band

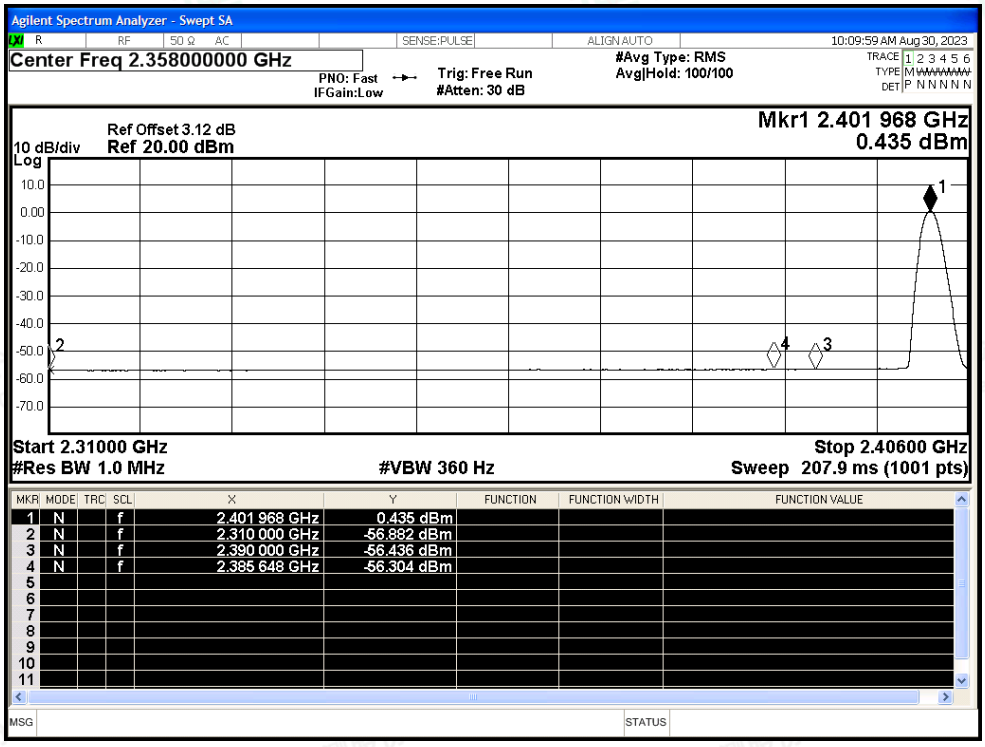
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-49.74	2	47.52	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2310	-56.88	2	40.38	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2320.656	-46.36	2	50.9	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2385.648	-56.3	2	40.96	Average	54	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-49.43	2	47.83	Peak	74	Pass
NVNT	1-DH5	2402	Ant1	No-Hopping	2390	-56.44	2	40.82	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-48.35	2	48.91	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.5	-54.95	2	42.31	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.776	-45.83	2	51.43	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2483.512	-54.95	2	42.31	Average	54	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-48.23	2	49.03	Peak	74	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	2500	-56.07	2	41.19	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-50.21	2	47.05	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2310	-56.78	2	40.48	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2367.984	-46.55	2	50.71	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2388.912	-55.52	2	41.74	Average	54	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-50.65	2	46.61	Peak	74	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	2390	-56.37	2	40.89	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-49.14	2	48.12	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.5	-54.87	2	42.39	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2484.28	-45.39	2	51.87	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2483.512	-54.87	2	42.39	Average	54	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-48.8	2	48.46	Peak	74	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	2500	-56.18	2	41.08	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-49.58	2	47.68	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2310	-56.79	2	40.47	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2387.088	-46	2	51.26	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2382.096	-56.31	2	40.95	Average	54	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-49.87	2	47.39	Peak	74	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	2390	-56.41	2	40.85	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-48.7	2	48.56	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.5	-54.91	2	42.35	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2496.544	-45.96	2	51.3	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2483.512	-54.91	2	42.35	Average	54	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-48.41	2	48.85	Peak	74	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	2500	-56.14	2	41.12	Average	54	Pass

Test Graphs

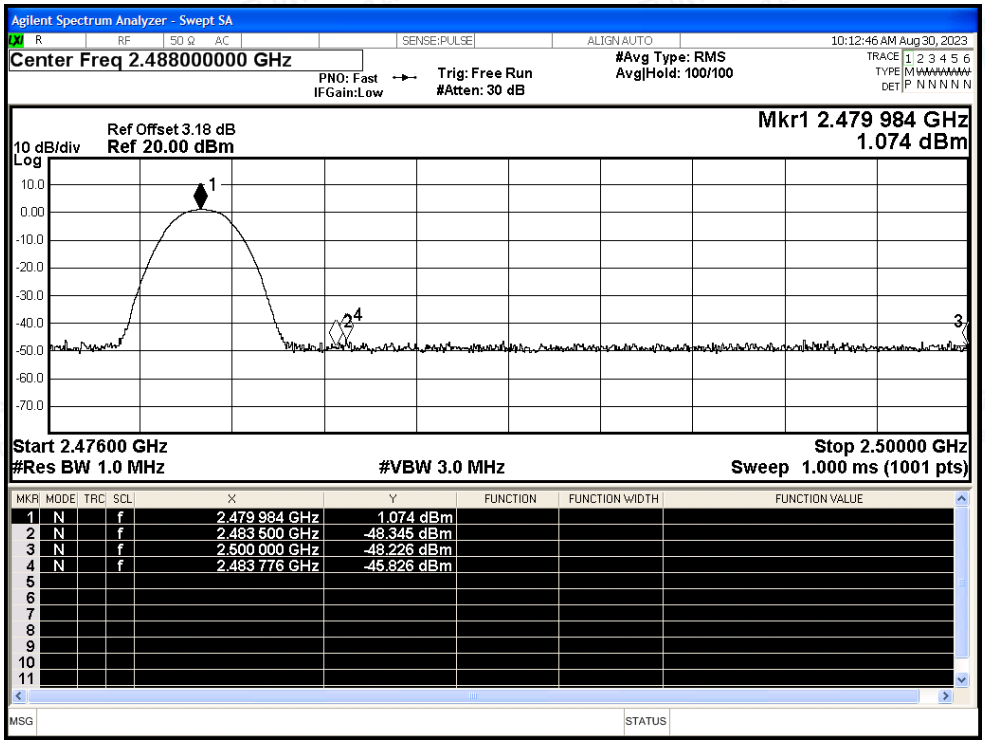
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Peak



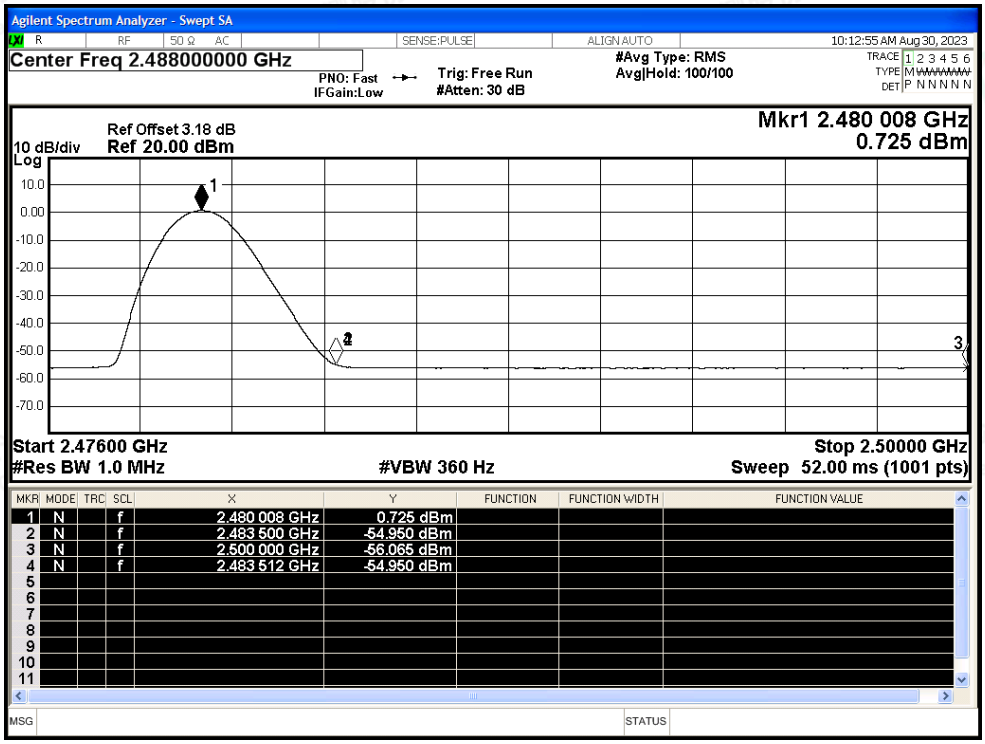
Restrict Band NVNT 1-DH5 2402MHz Ant1 No-Hopping Average



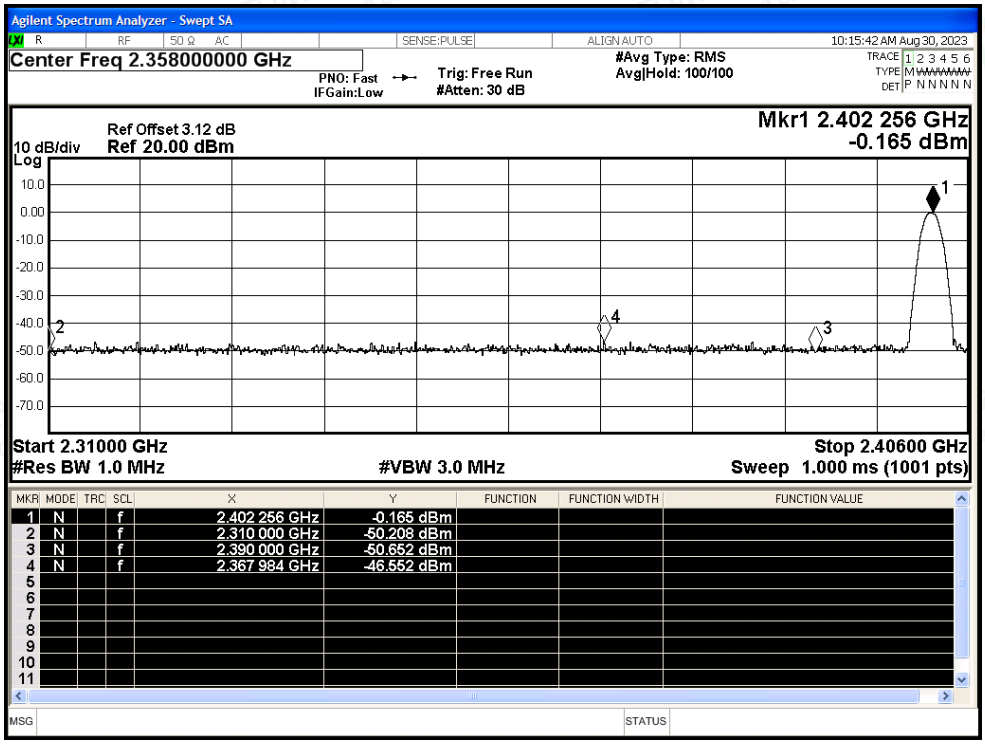
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Peak



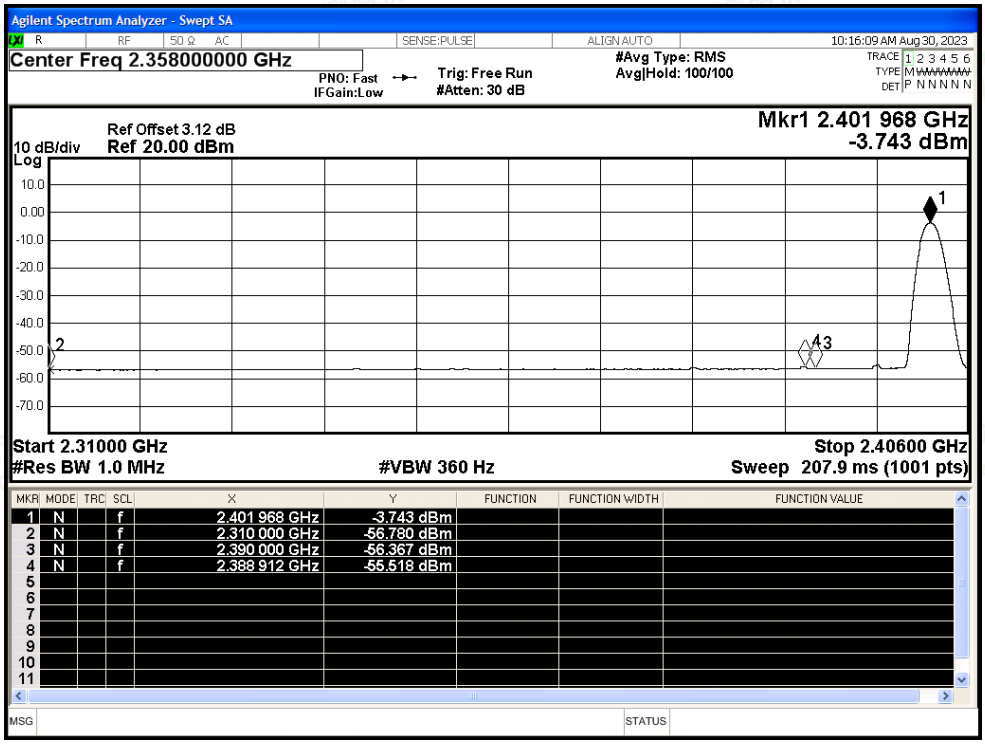
Restrict Band NVNT 1-DH5 2480MHz Ant1 No-Hopping Average



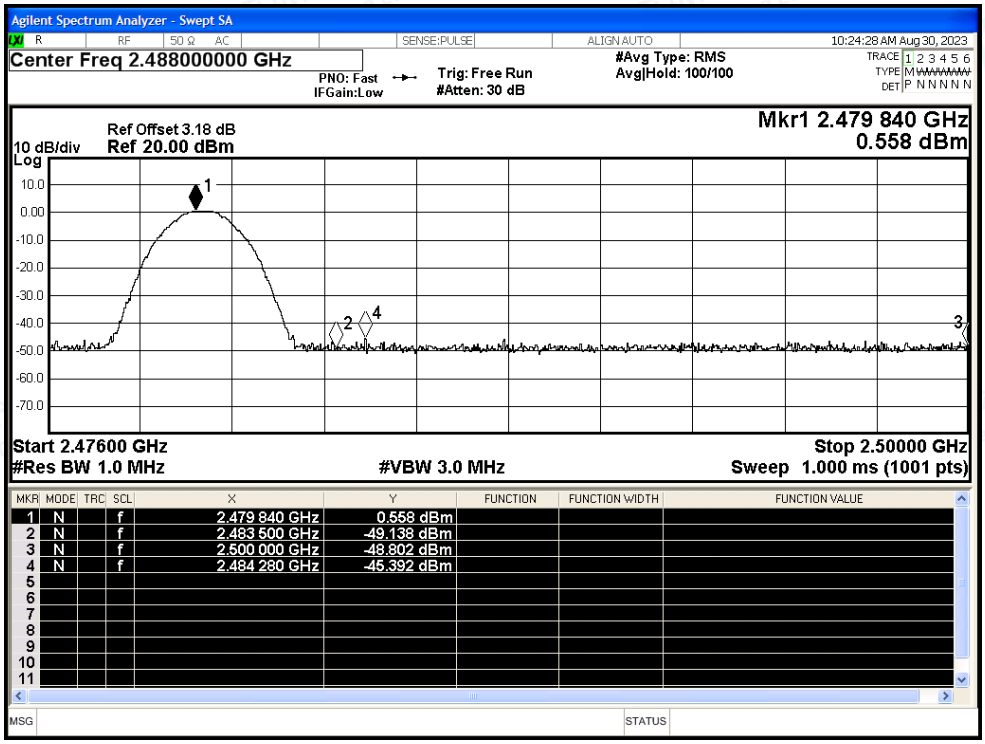
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Peak



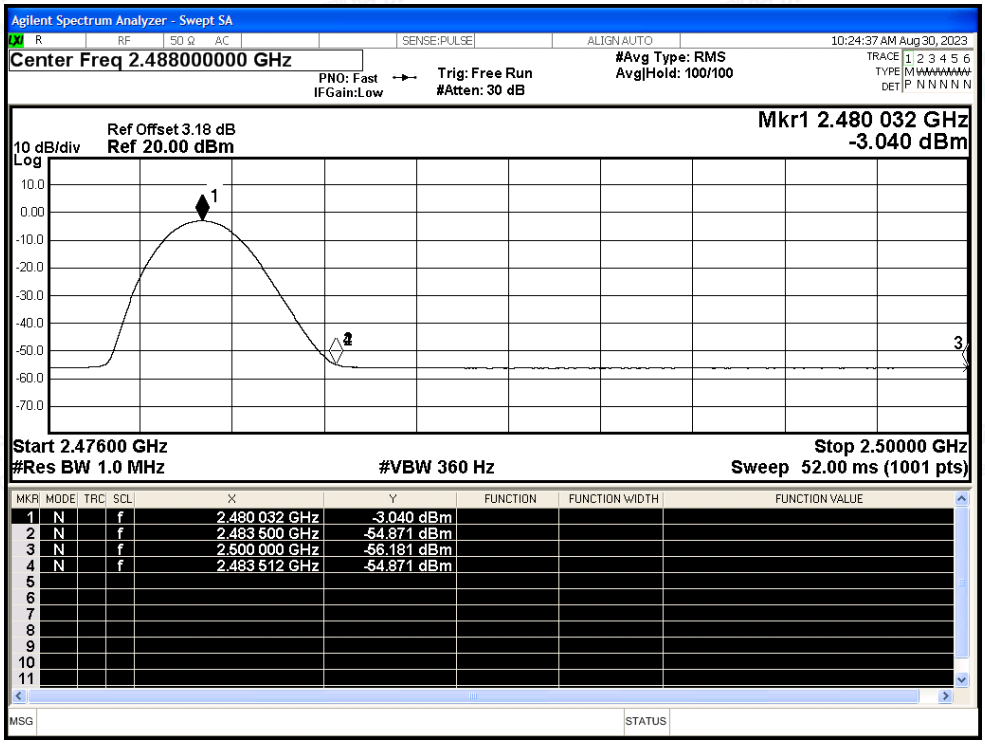
Restrict Band NVNT 2-DH5 2402MHz Ant1 No-Hopping Average



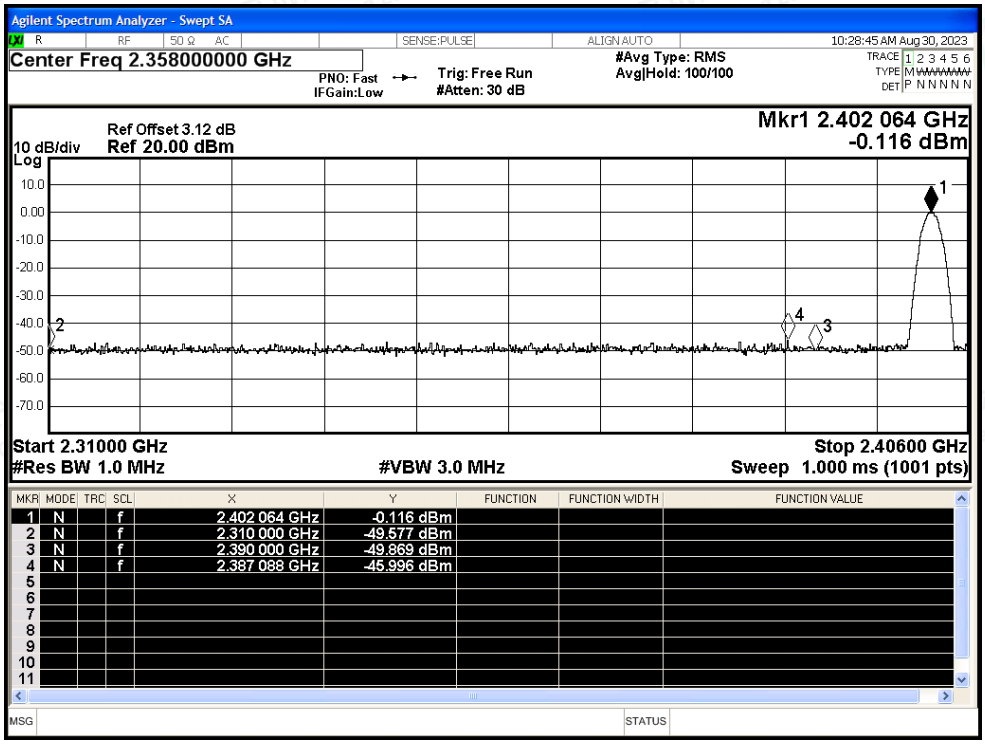
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Peak



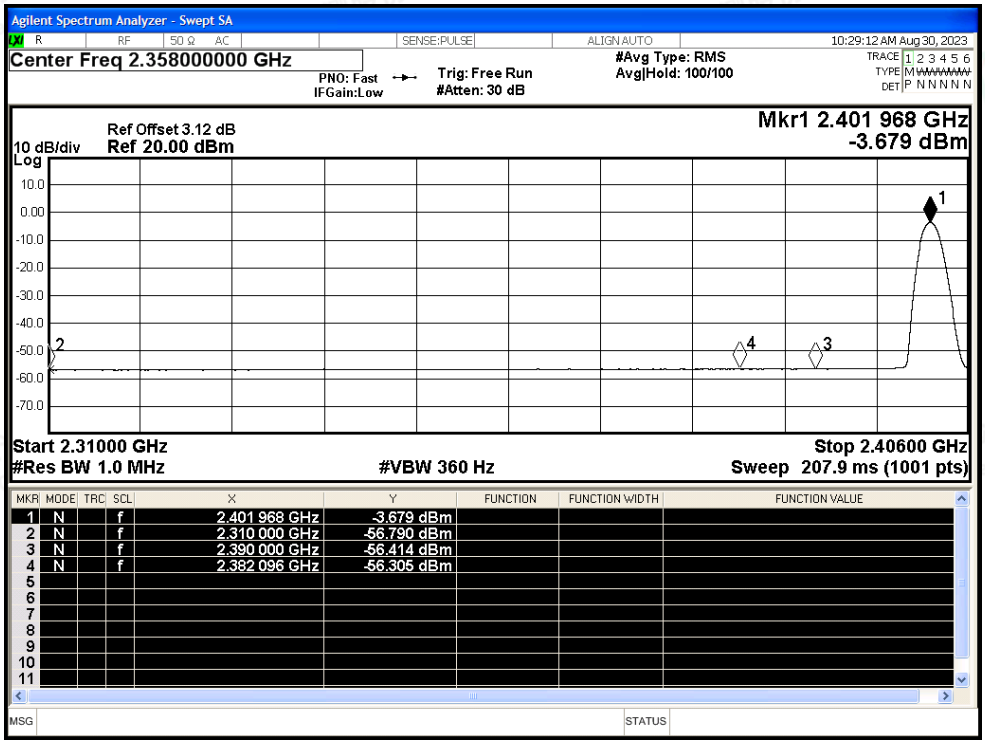
Restrict Band NVNT 2-DH5 2480MHz Ant1 No-Hopping Average



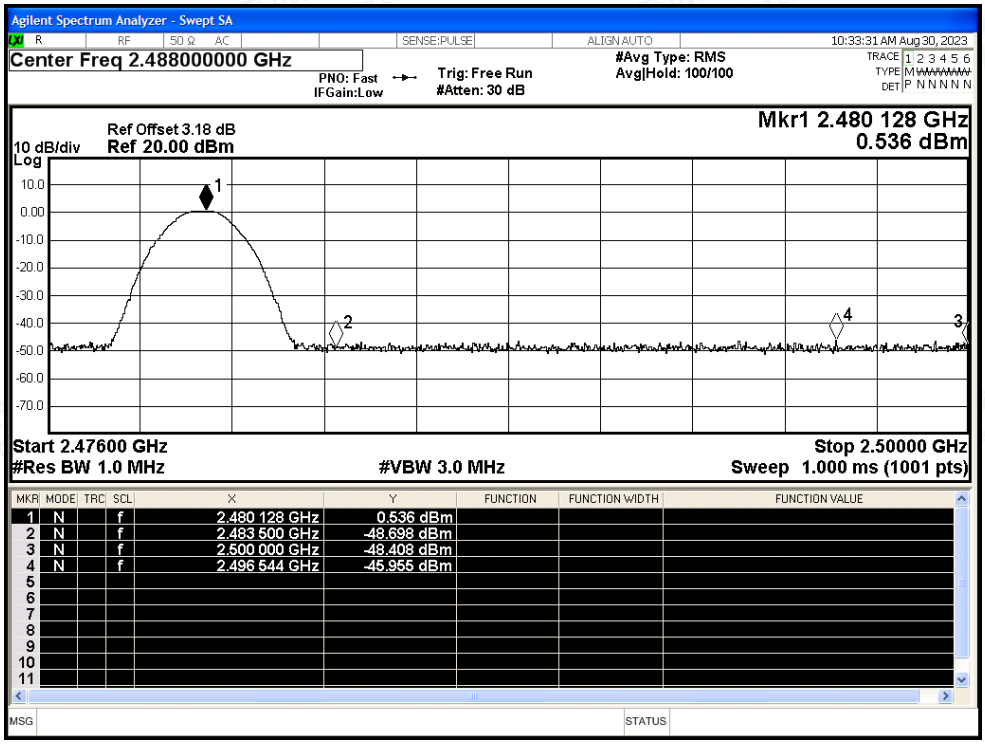
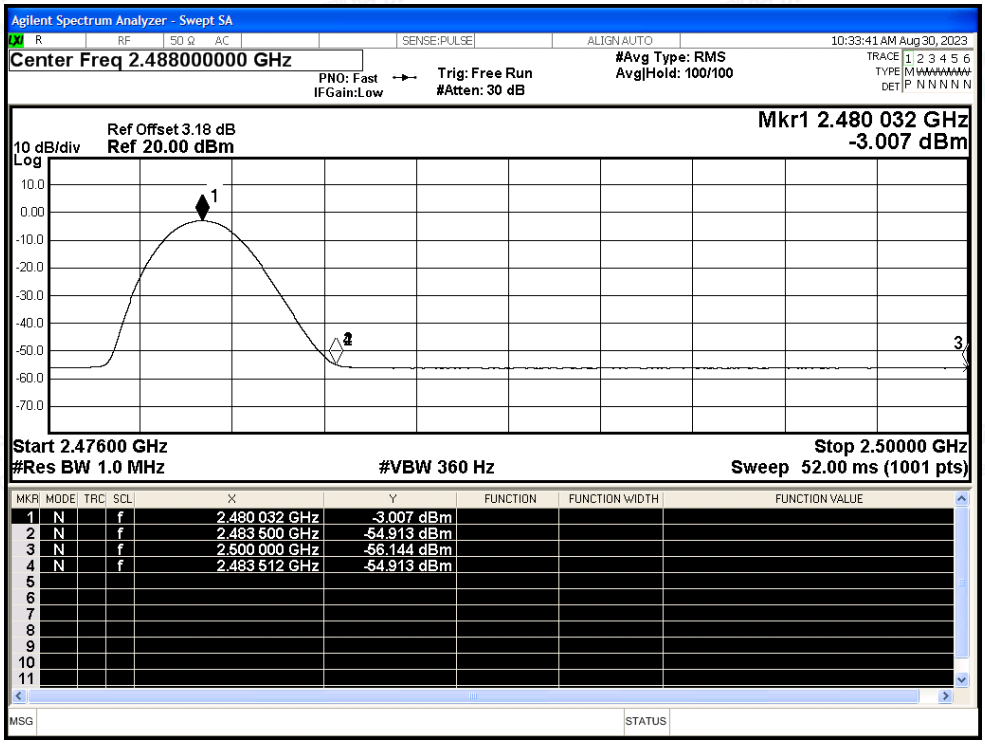
Restrict Band NVNT 3-DH5 2402MHz Ant1 No-Hopping Peak



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