



Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: 8inch tablet PC

Test Model: SoyMomo_Pro_V2

Environmental Conditions

Temperature:	23.5° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan



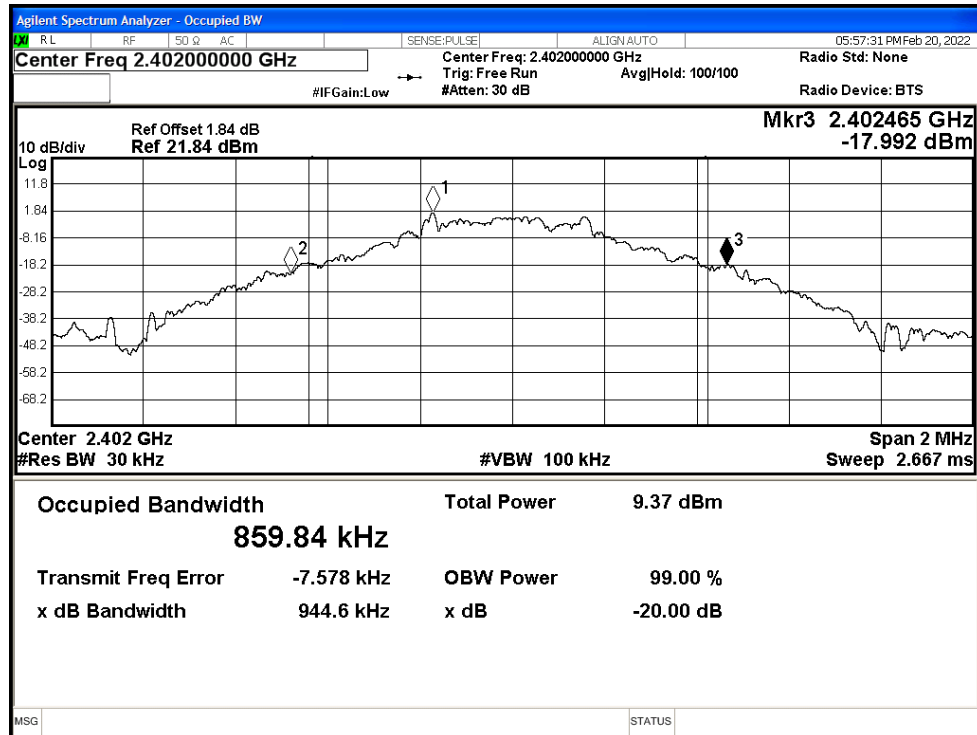
A.1 20dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-20 dB Bandwidth (MHz)	Limit -20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant	0.945	0	Pass
NVNT	1-DH5	2441	Ant	0.953	0	Pass
NVNT	1-DH5	2480	Ant	1.018	0	Pass
NVNT	2-DH5	2402	Ant	1.286	0	Pass
NVNT	2-DH5	2441	Ant	1.292	0	Pass
NVNT	2-DH5	2480	Ant	1.284	0	Pass
NVNT	3-DH5	2402	Ant	1.310	0	Pass
NVNT	3-DH5	2441	Ant	1.282	0	Pass
NVNT	3-DH5	2480	Ant	1.287	0	Pass

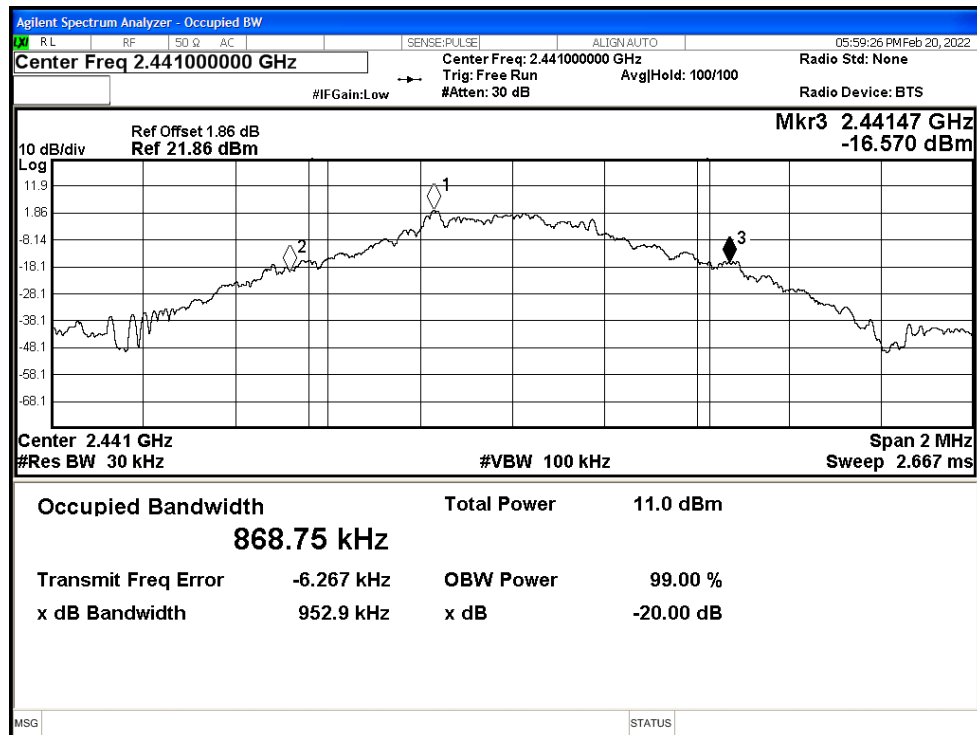


Test Graphs

-20dB Bandwidth NVNT 1-DH5 2402MHz Ant

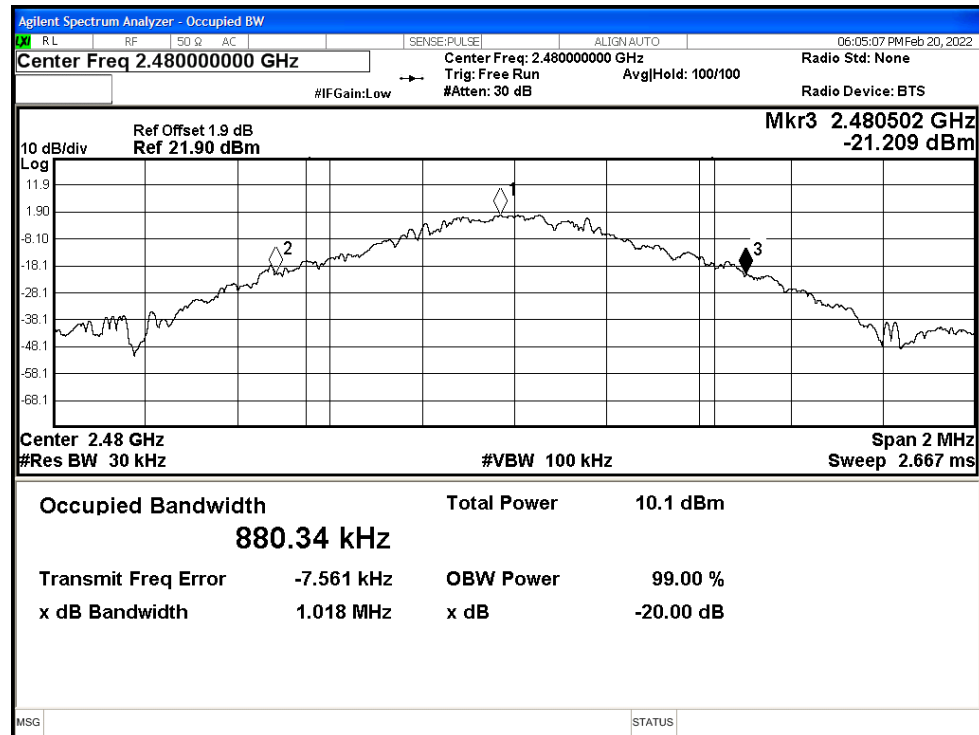


-20dB Bandwidth NVNT 1-DH5 2441MHz Ant

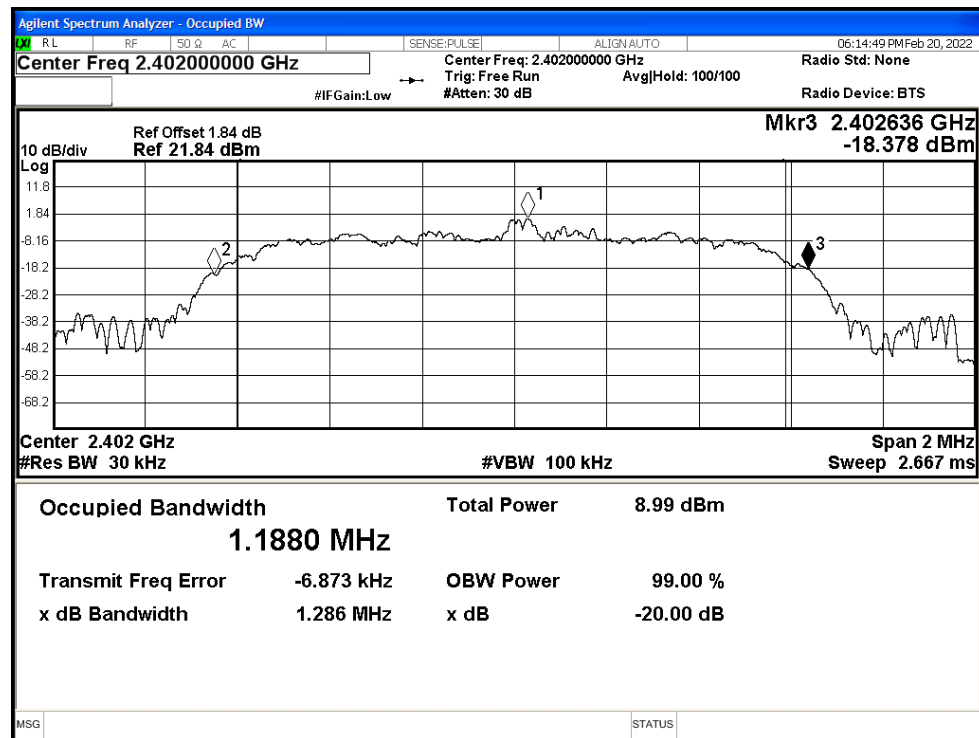




-20dB Bandwidth NVNT 1-DH5 2480MHz Ant

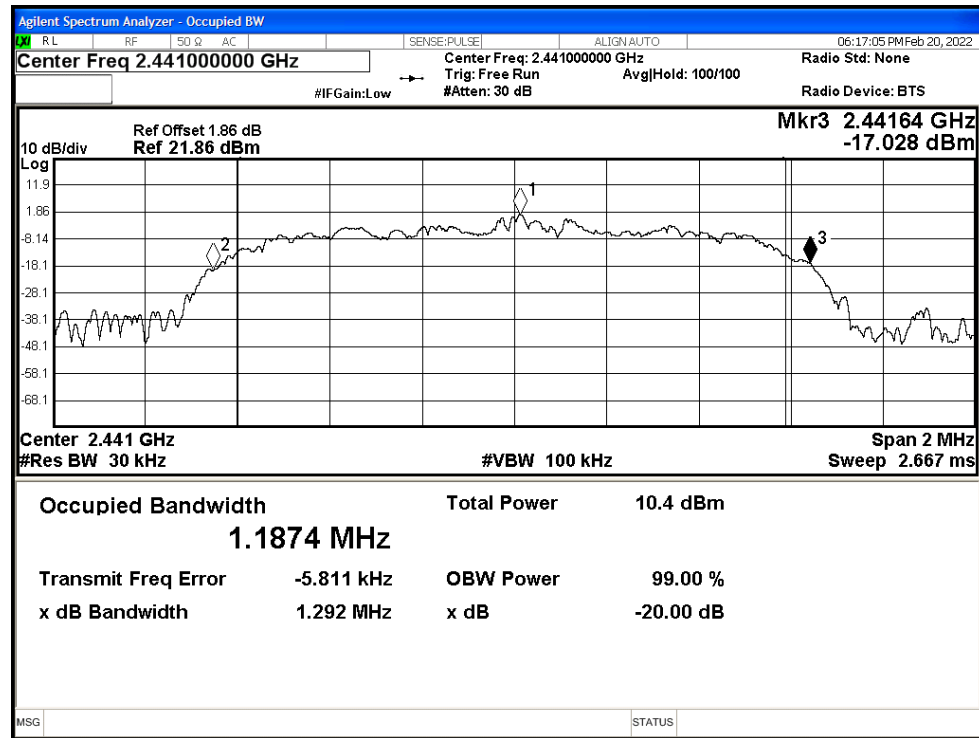


-20dB Bandwidth NVNT 2-DH5 2402MHz Ant

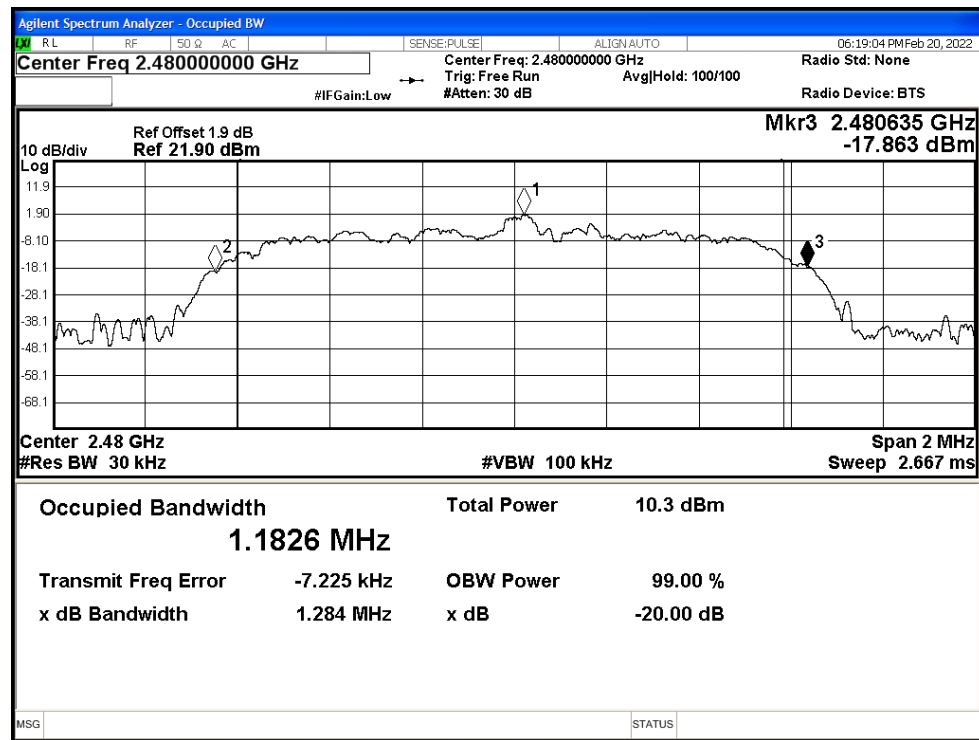




-20dB Bandwidth NVNT 2-DH5 2441MHz Ant

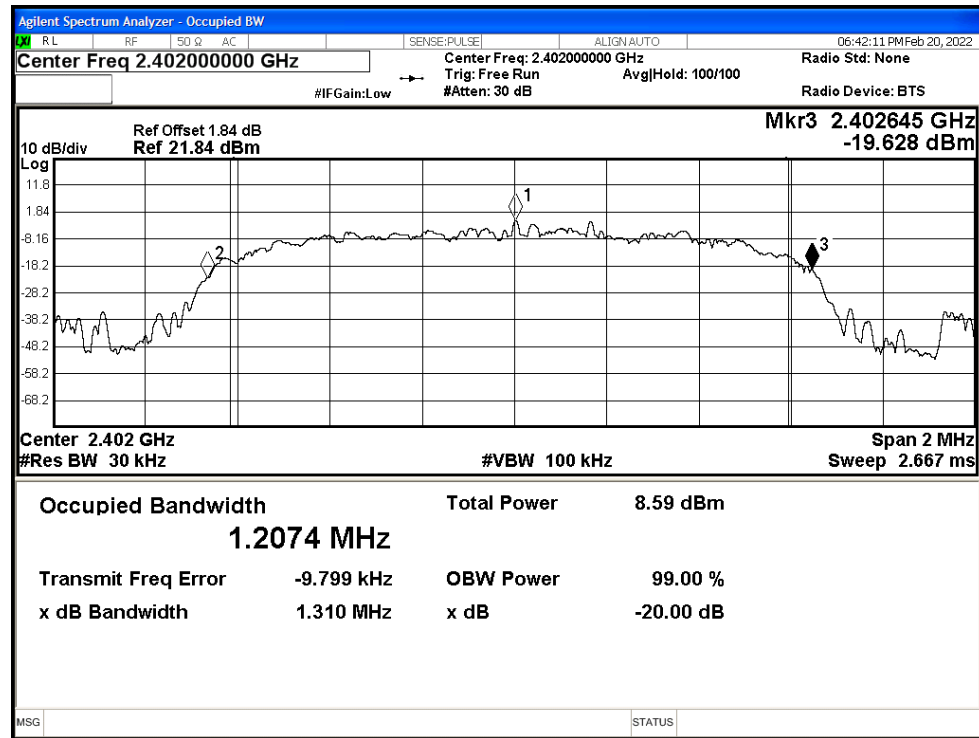


-20dB Bandwidth NVNT 2-DH5 2480MHz Ant

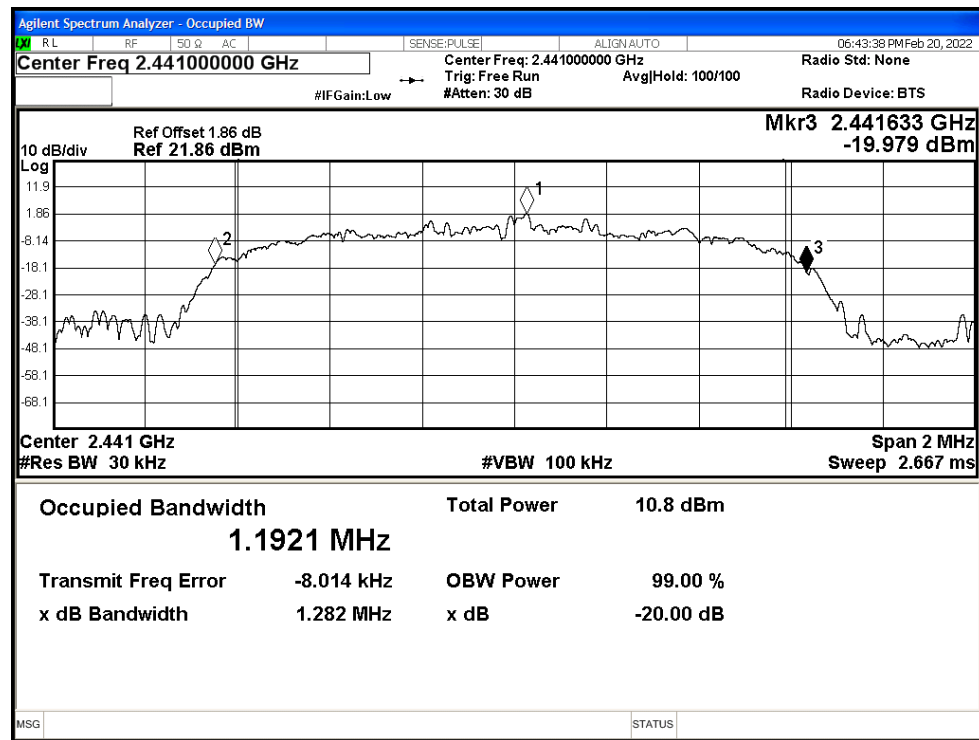


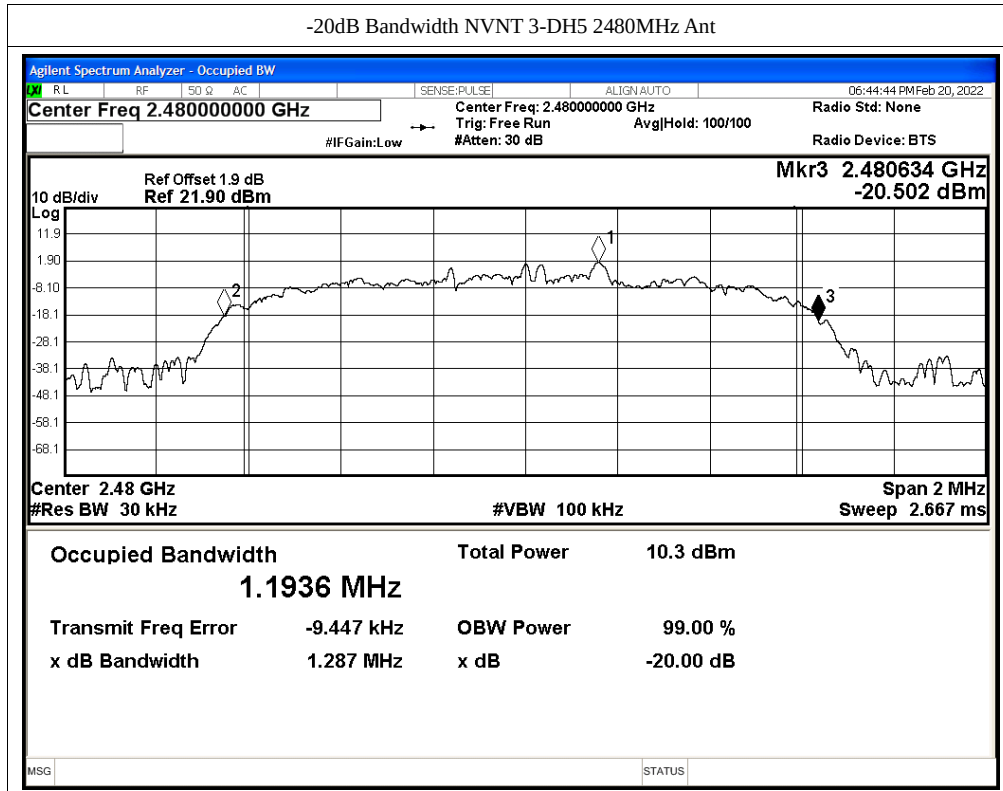


-20dB Bandwidth NVNT 3-DH5 2402MHz Ant



-20dB Bandwidth NVNT 3-DH5 2441MHz Ant







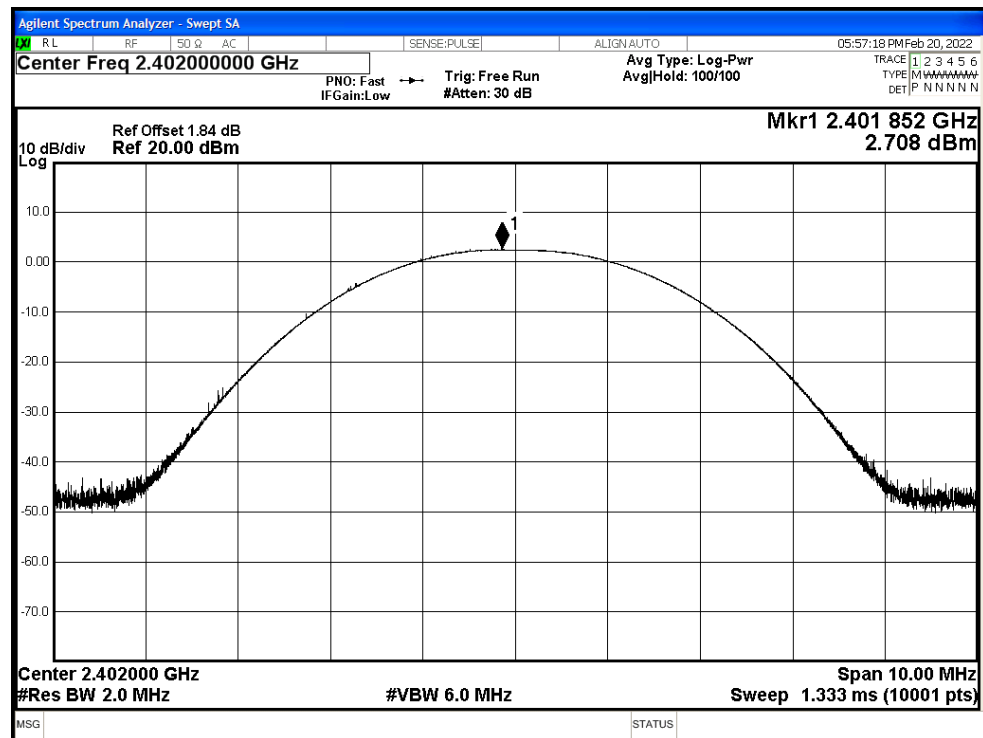
A.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	Ant	2.71	0	2.71	21	Pass
NVNT	1-DH5	2441	Ant	4.36	0	4.36	21	Pass
NVNT	1-DH5	2480	Ant	3.94	0	3.94	21	Pass
NVNT	2-DH5	2402	Ant	4.54	0	4.54	21	Pass
NVNT	2-DH5	2441	Ant	6.06	0	6.06	21	Pass
NVNT	2-DH5	2480	Ant	5.46	0	5.46	21	Pass
NVNT	3-DH5	2402	Ant	4.96	0	4.96	21	Pass
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NVNT	3-DH5	2480	Ant	5.76	0	5.76	21	Pass

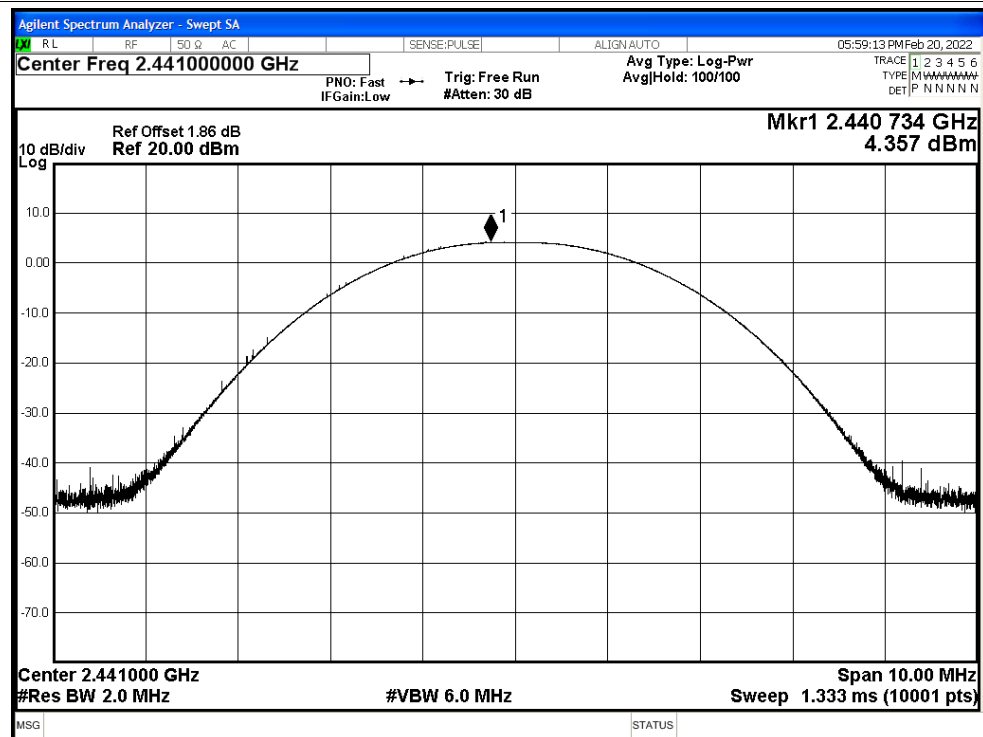


Test Graphs

Power NVNT 1-DH5 2402MHz Ant

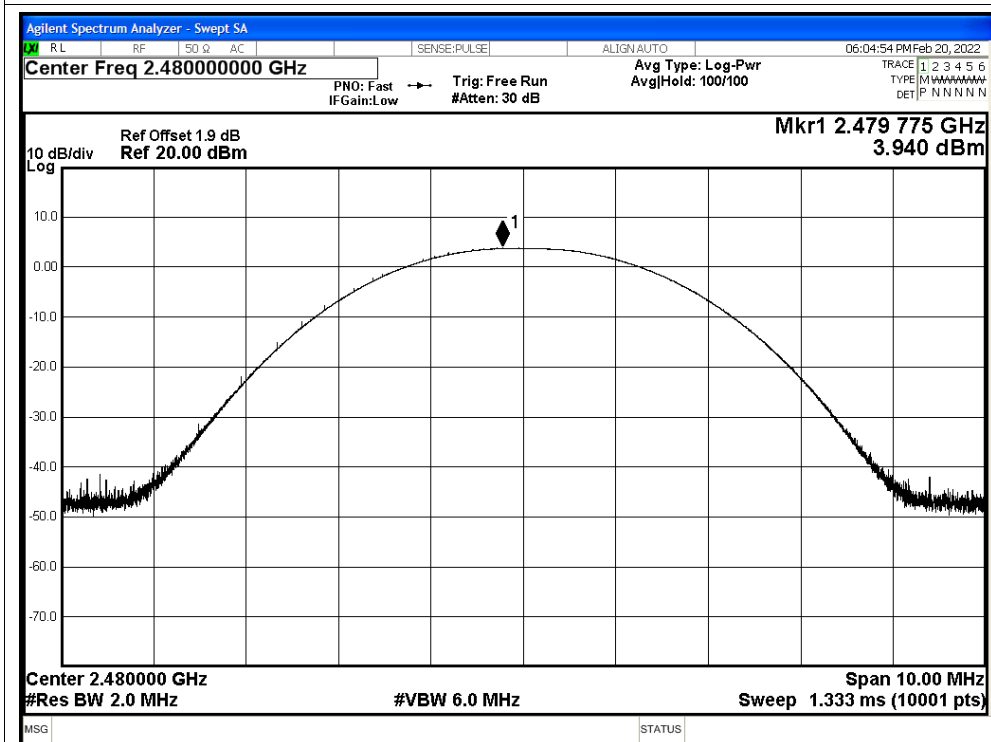


Power NVNT 1-DH5 2441MHz Ant

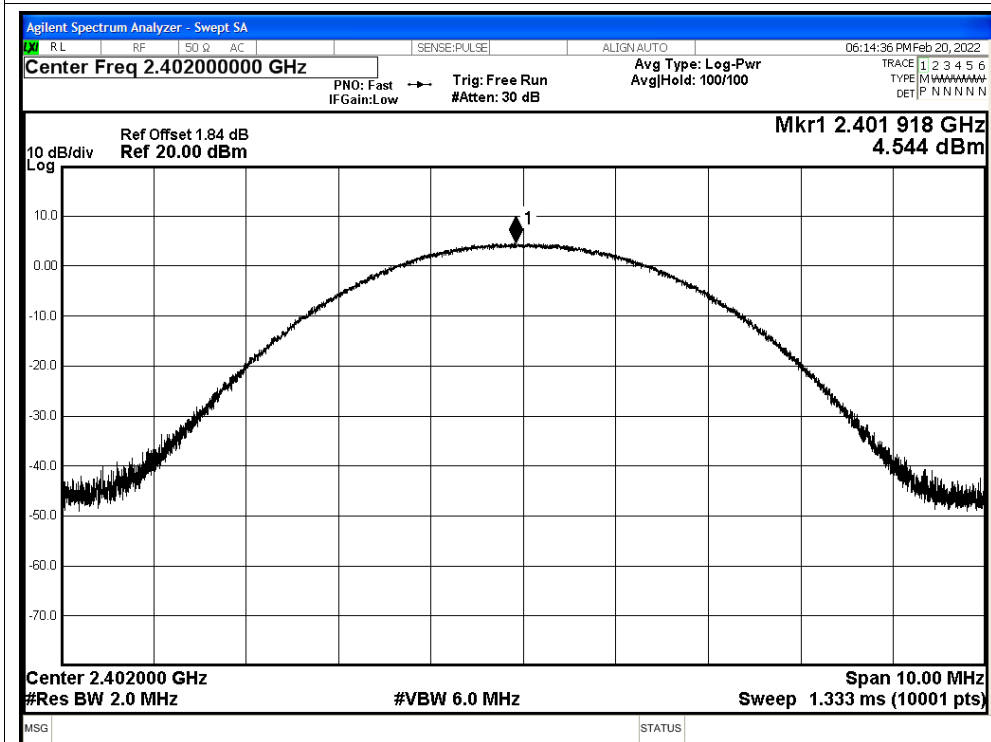


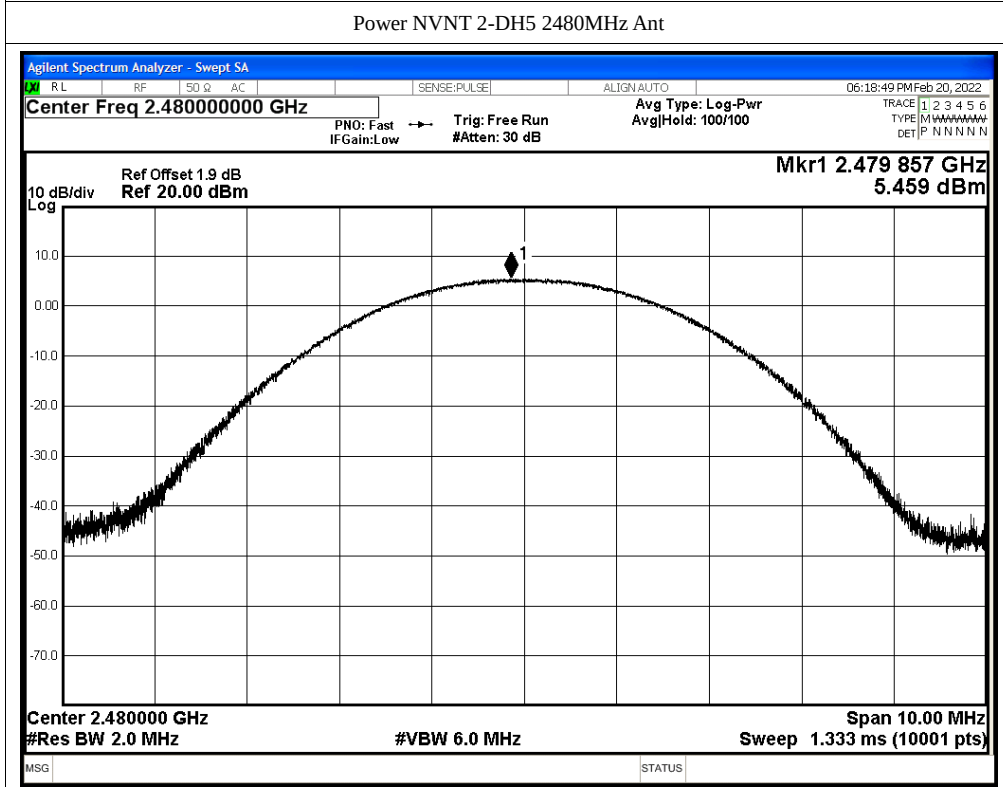
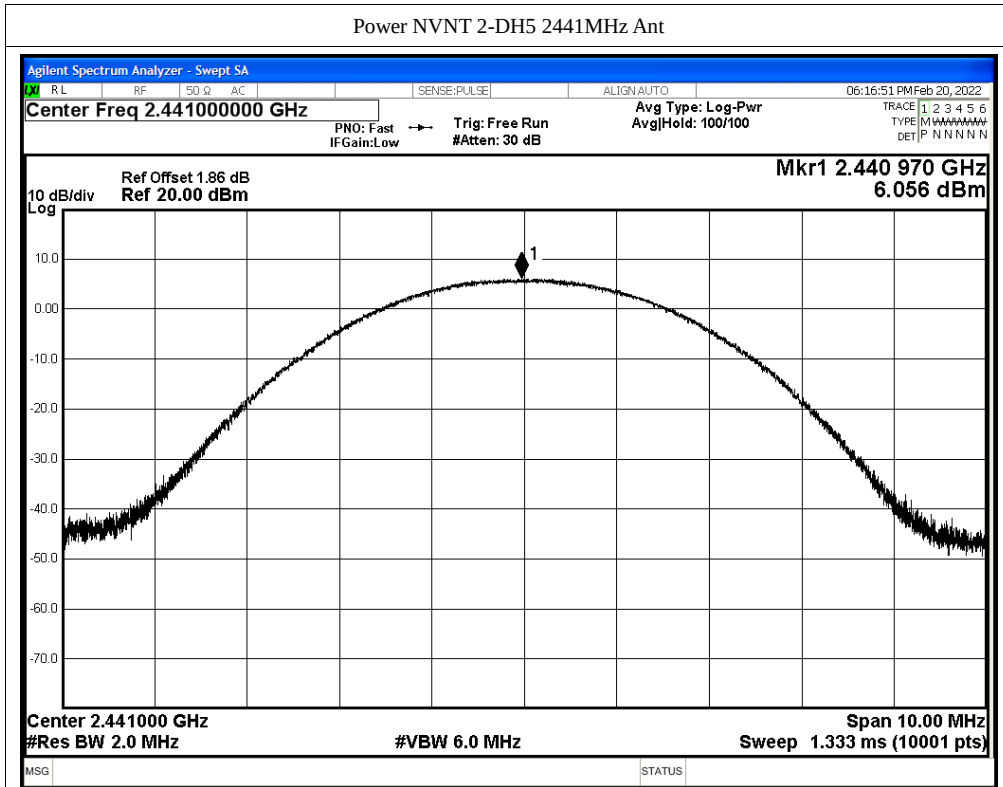


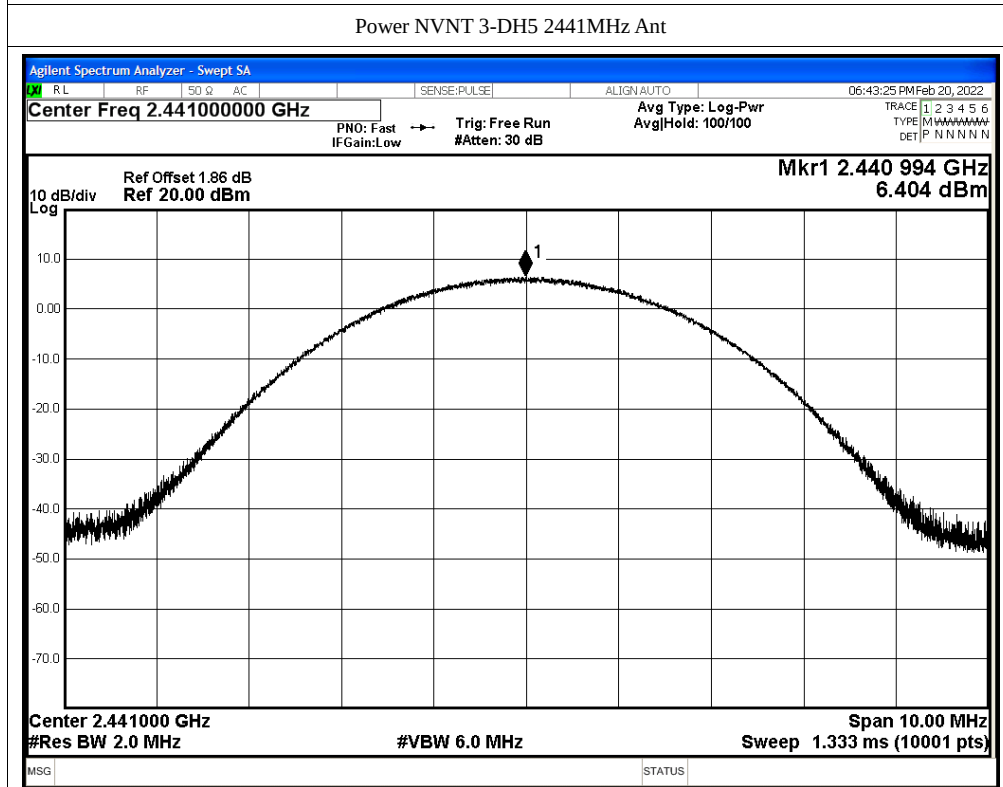
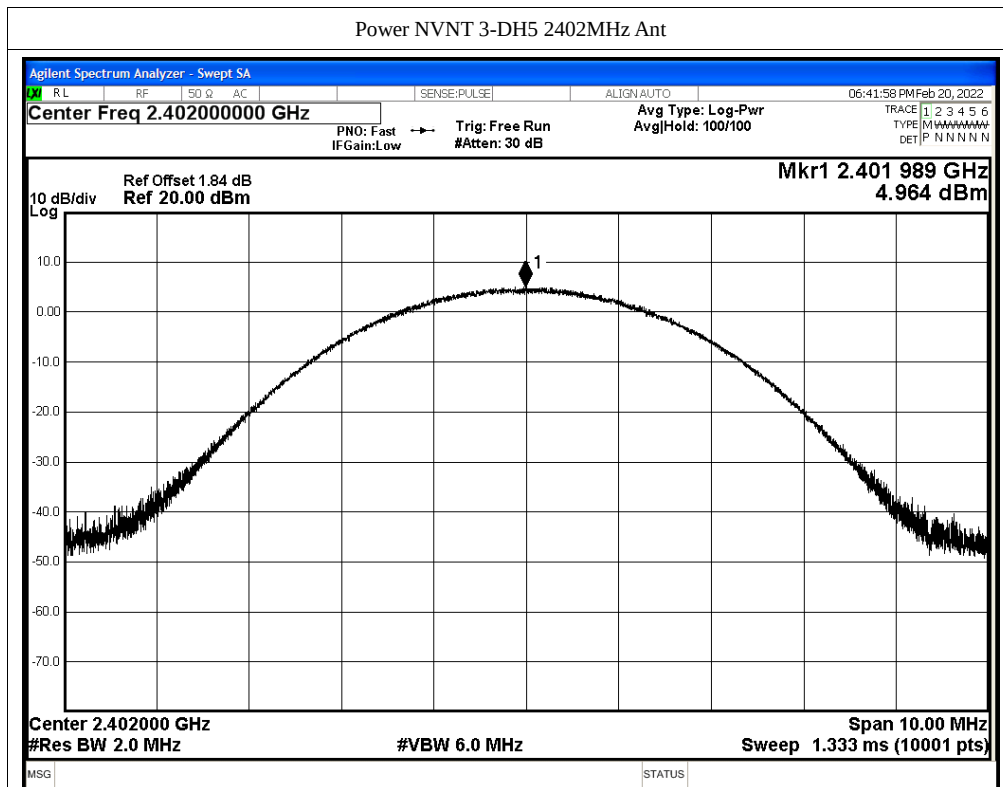
Power NVNT 1-DH5 2480MHz Ant

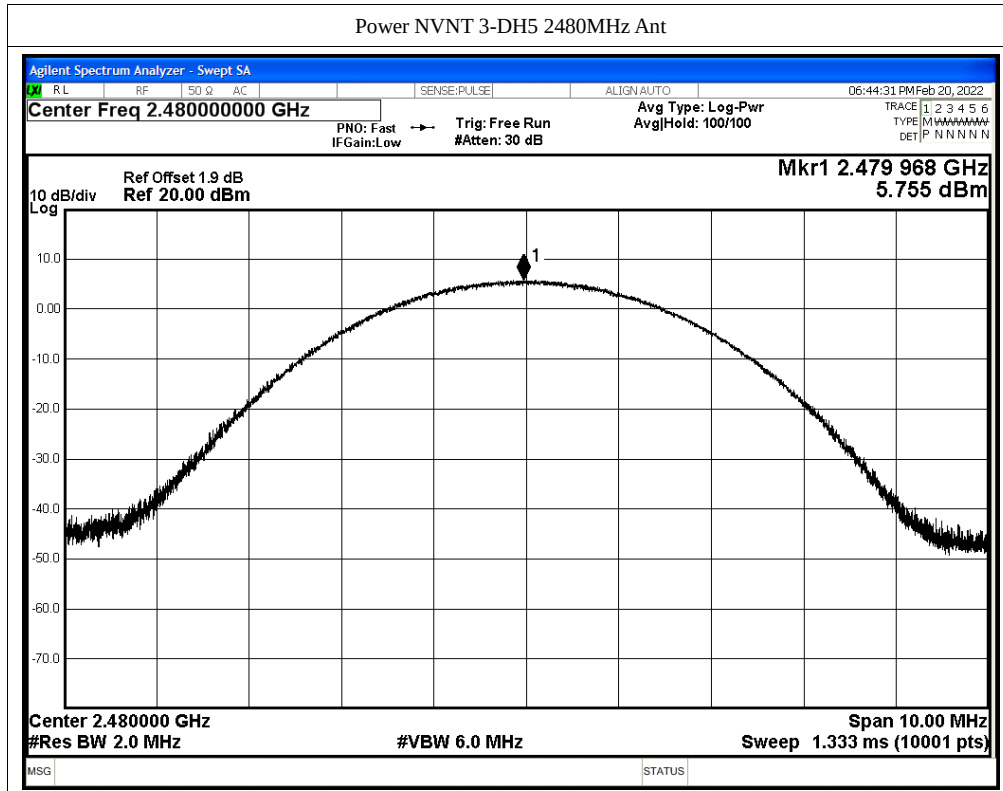


Power NVNT 2-DH5 2402MHz Ant











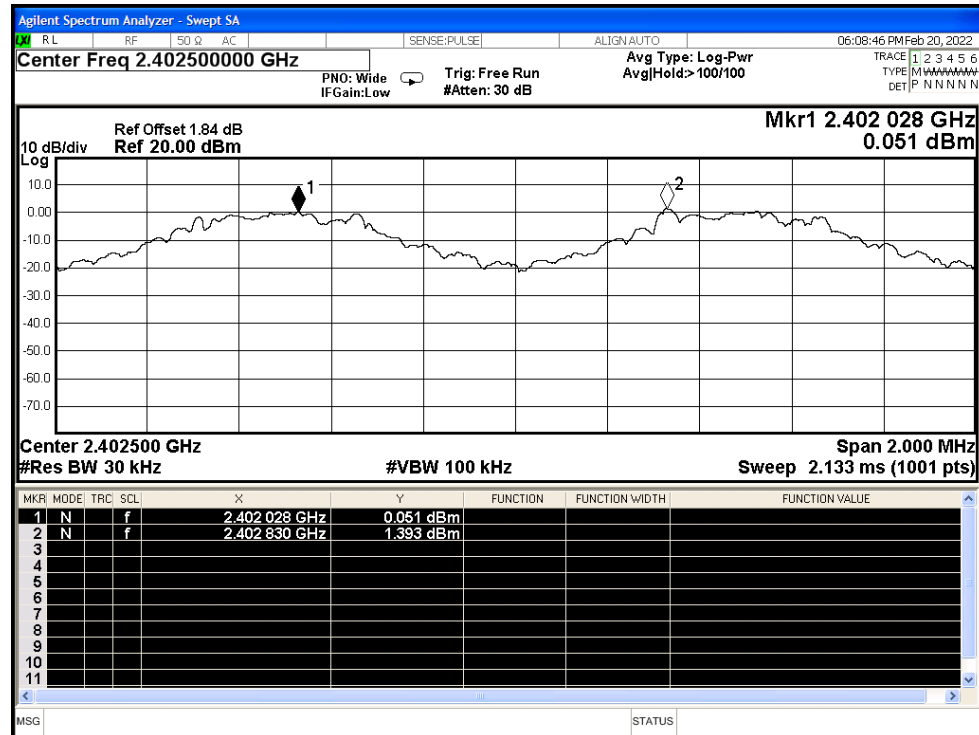
A.3 Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant	2402.028	2402.83	0.802	0.679	Pass
NVNT	2-DH5	Ant	2402.158	2403.03	0.872	0.861	Pass
NVNT	3-DH5	Ant	2402.028	2403.004	0.976	0.873	Pass

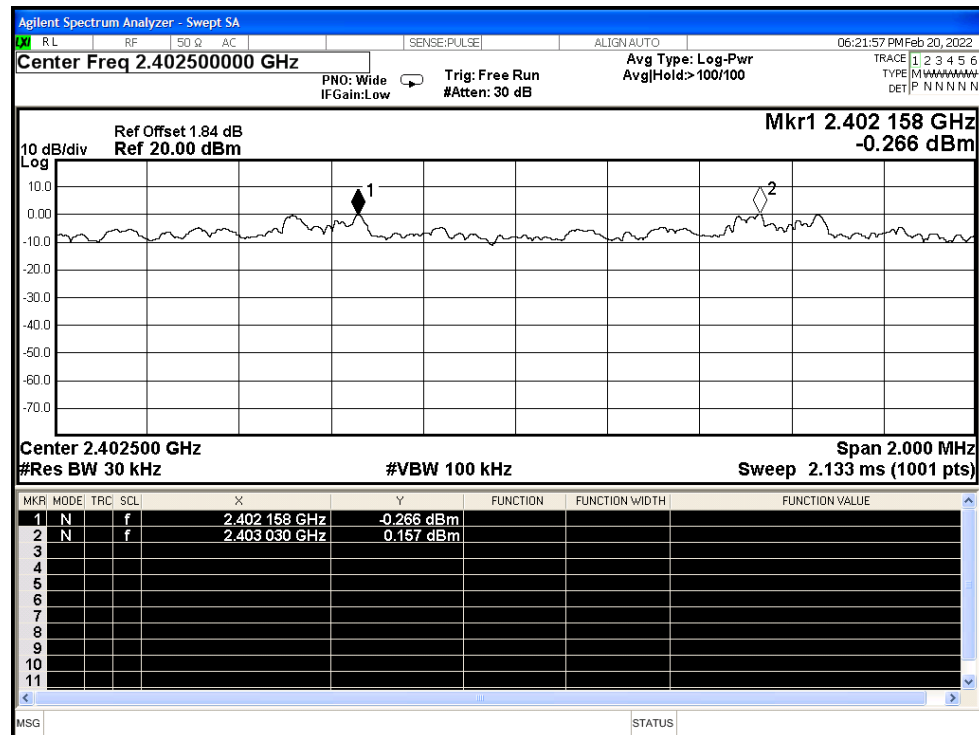


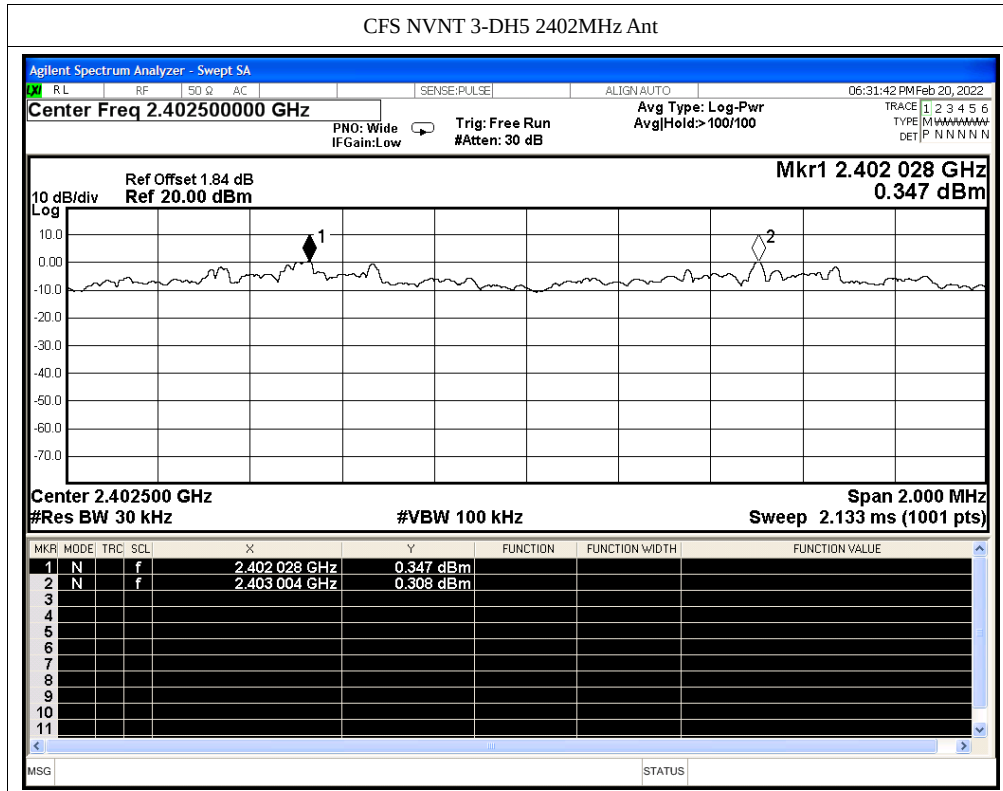
Test Graphs

CFS NVNT 1-DH5 2402MHz Ant



CFS NVNT 2-DH5 2402MHz Ant







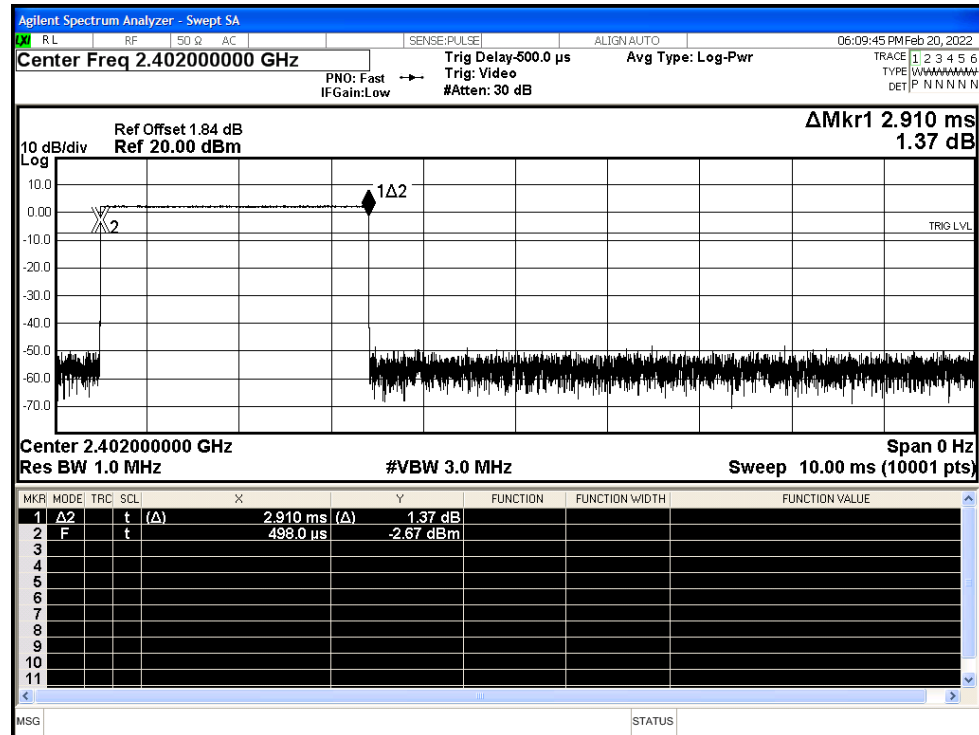
A.4 Dwell Time

Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant	2.91	296.82	102	31600	400	Pass
NVNT	1-DH5	2441	Ant	2.909	325.808	112	31600	400	Pass
NVNT	1-DH5	2480	Ant	2.91	328.83	113	31600	400	Pass
NVNT	2-DH5	2402	Ant	2.898	292.698	101	31600	400	Pass
NVNT	2-DH5	2441	Ant	2.898	327.474	113	31600	400	Pass
NVNT	2-DH5	2480	Ant	2.899	350.779	121	31600	400	Pass
NVNT	3-DH5	2402	Ant	2.898	278.208	96	31600	400	Pass
NVNT	3-DH5	2441	Ant	2.897	315.773	109	31600	400	Pass
NVNT	3-DH5	2480	Ant	2.898	307.188	106	31600	400	Pass

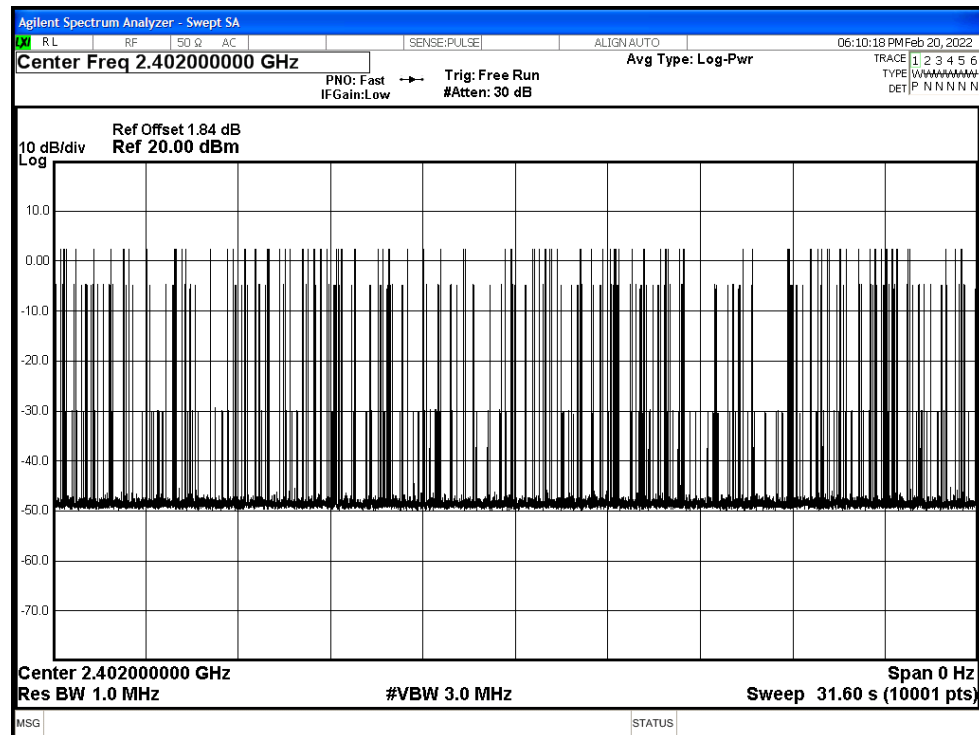


Test Graphs

Dwell NVNT 1-DH5 2402MHz Ant One Burst

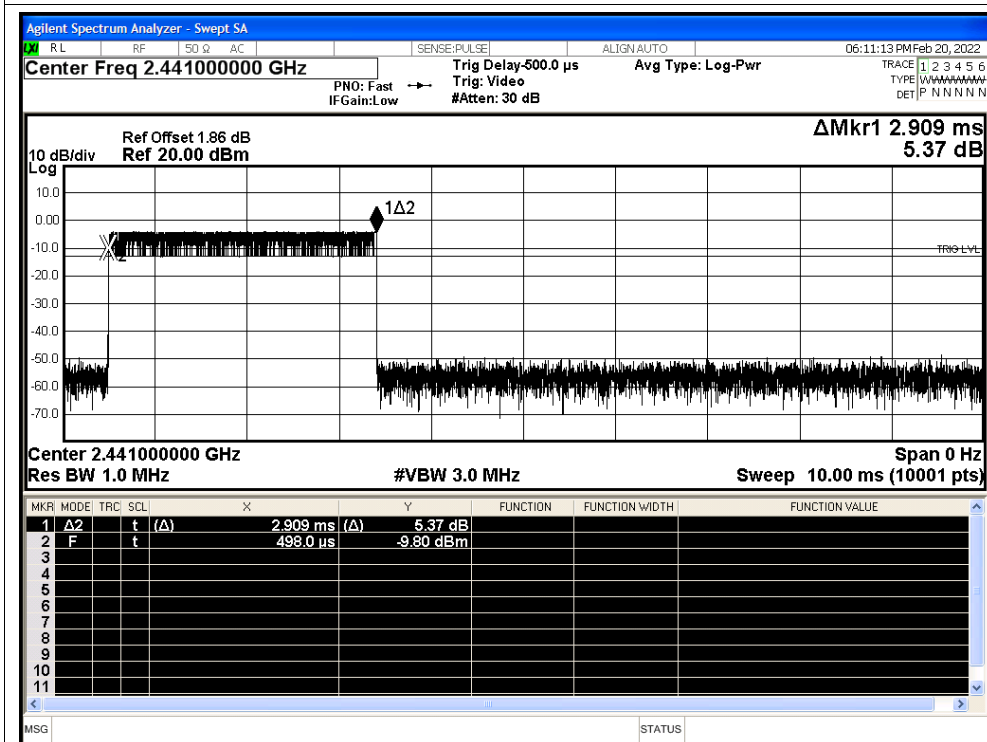


Dwell NVNT 1-DH5 2402MHz Ant Accumulated

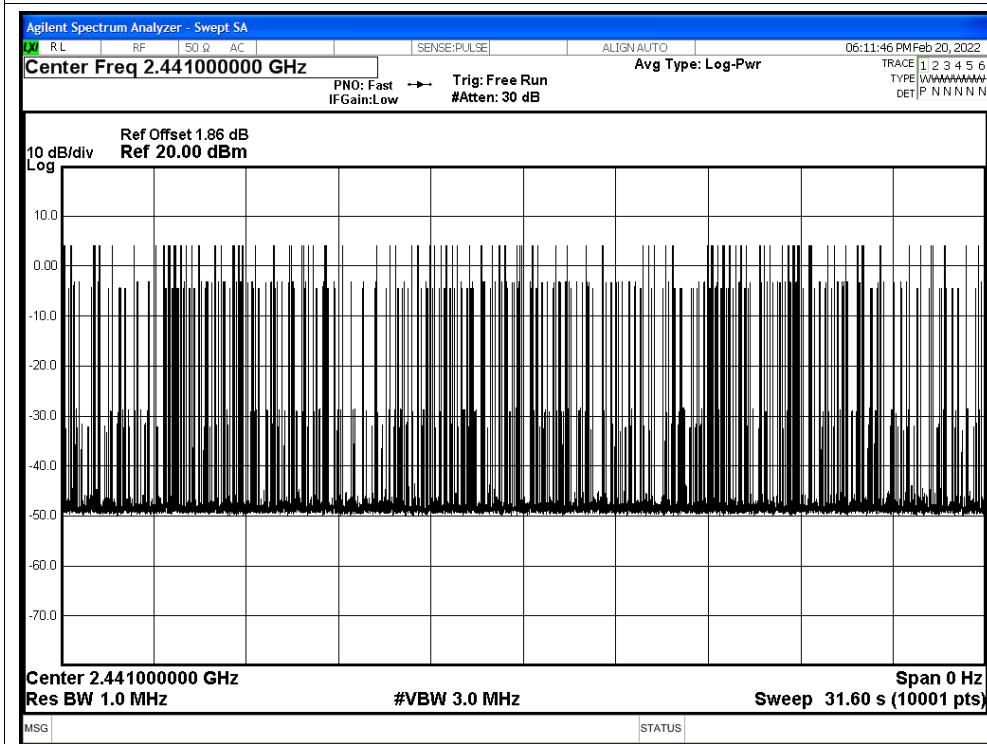




Dwell NVNT 1-DH5 2441MHz Ant One Burst

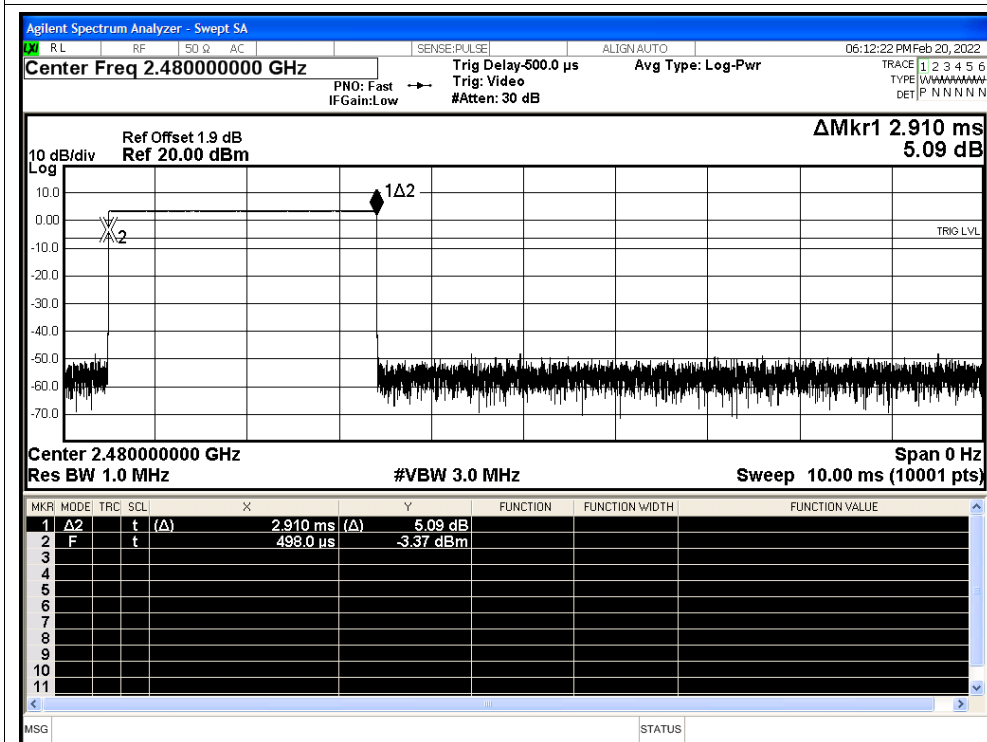


Dwell NVNT 1-DH5 2441MHz Ant Accumulated

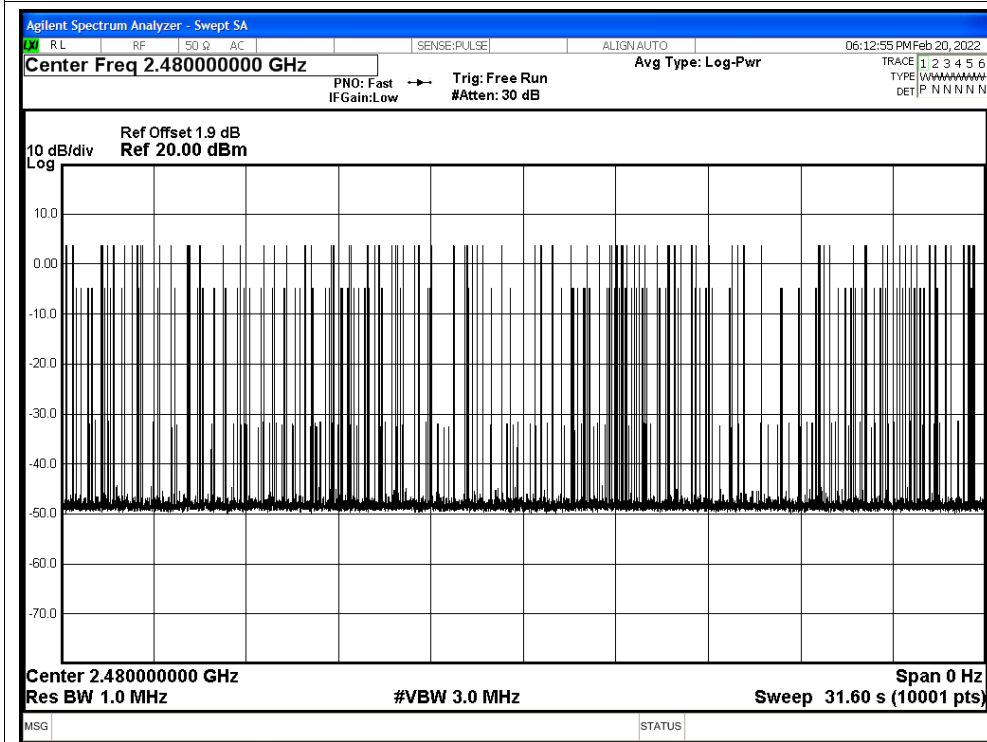




Dwell NVNT 1-DH5 2480MHz Ant One Burst

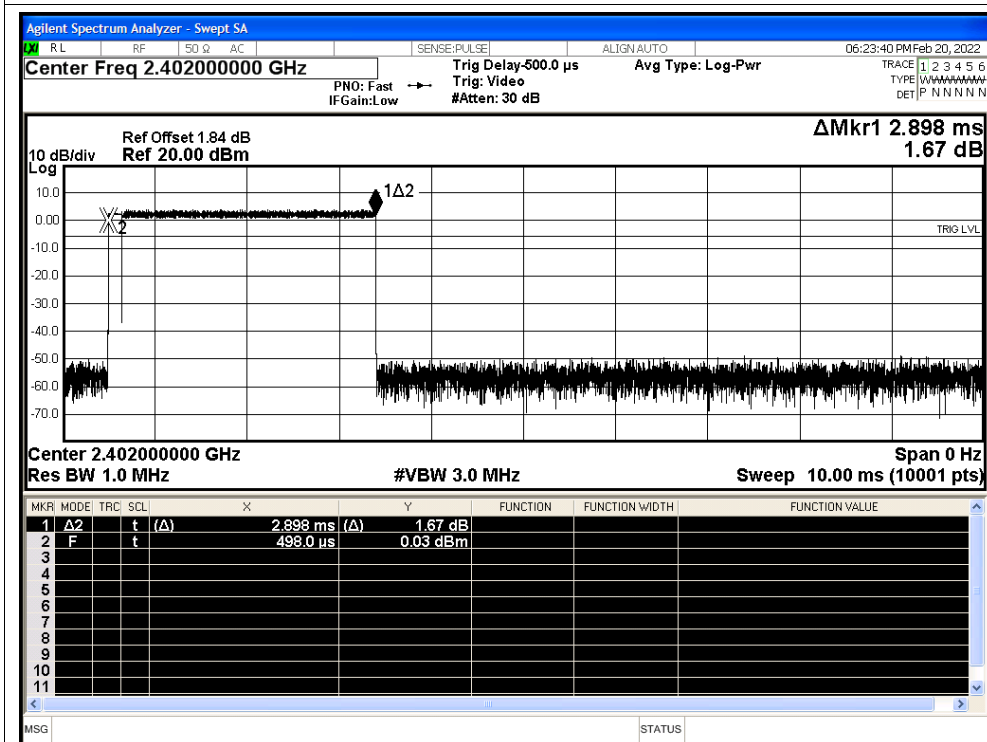


Dwell NVNT 1-DH5 2480MHz Ant Accumulated

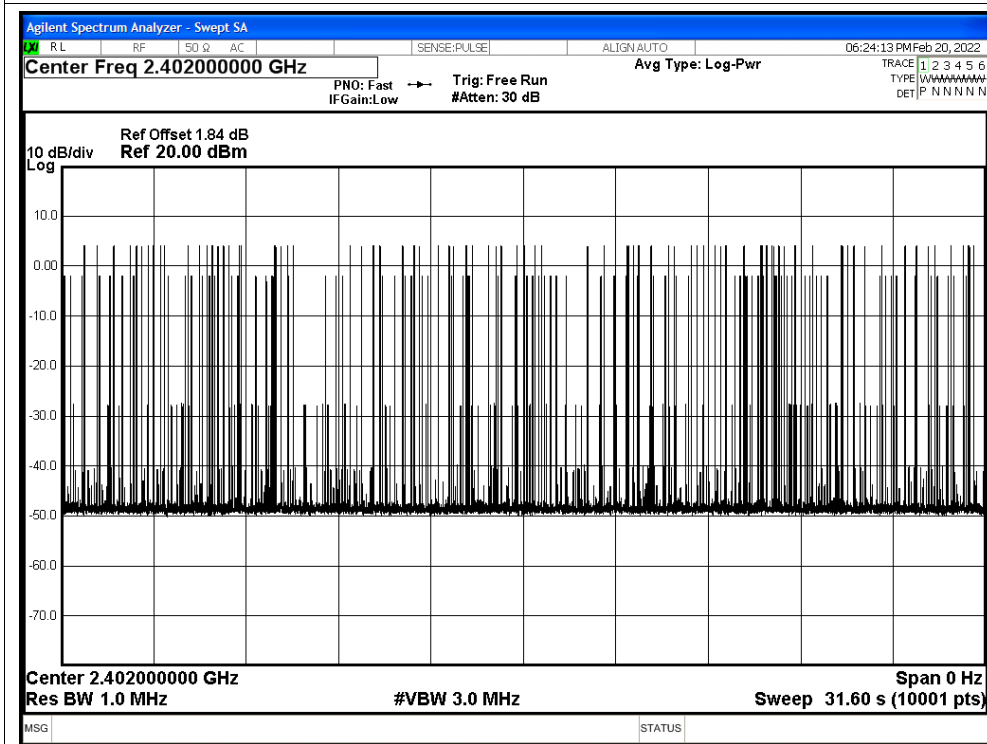




Dwell NVNT 2-DH5 2402MHz Ant One Burst

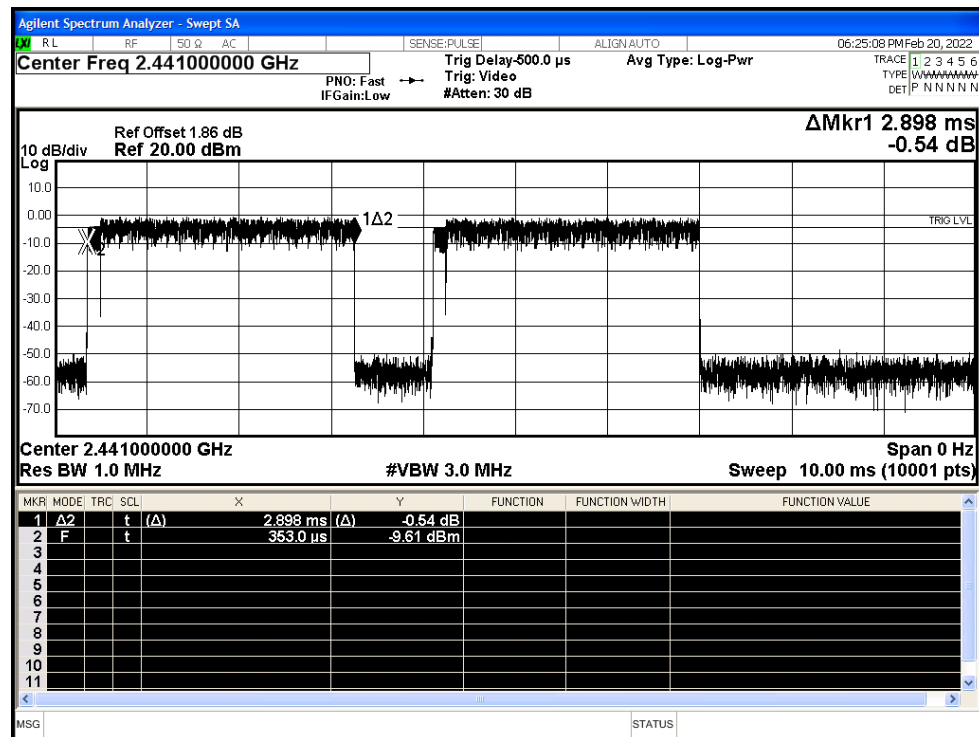


Dwell NVNT 2-DH5 2402MHz Ant Accumulated

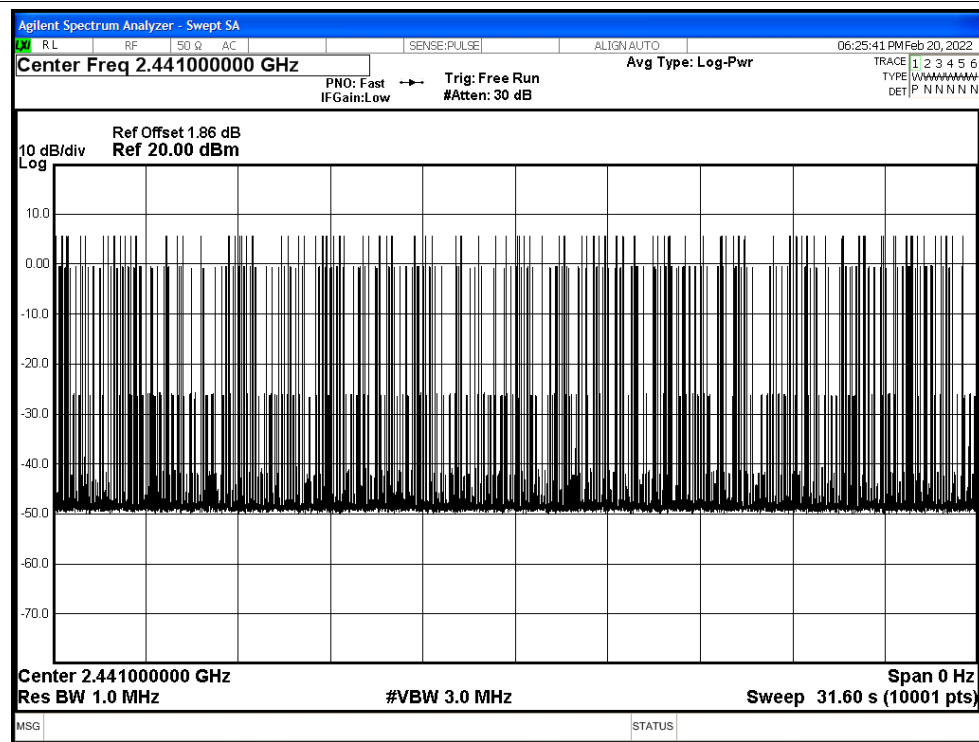




Dwell NVNT 2-DH5 2441MHz Ant One Burst

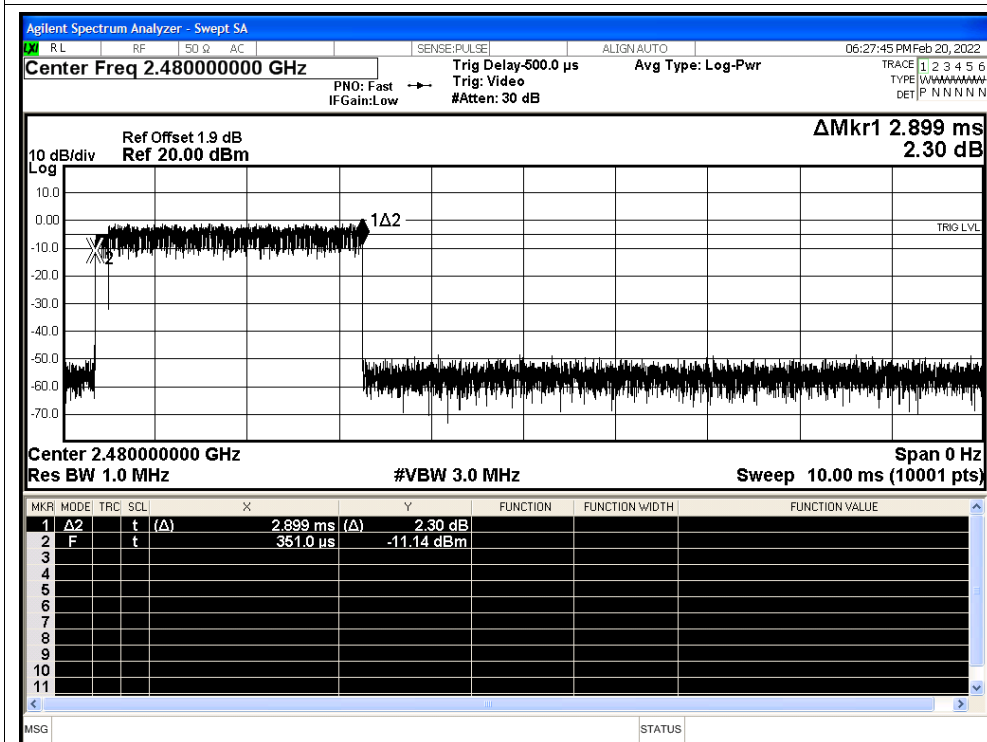


Dwell NVNT 2-DH5 2441MHz Ant Accumulated

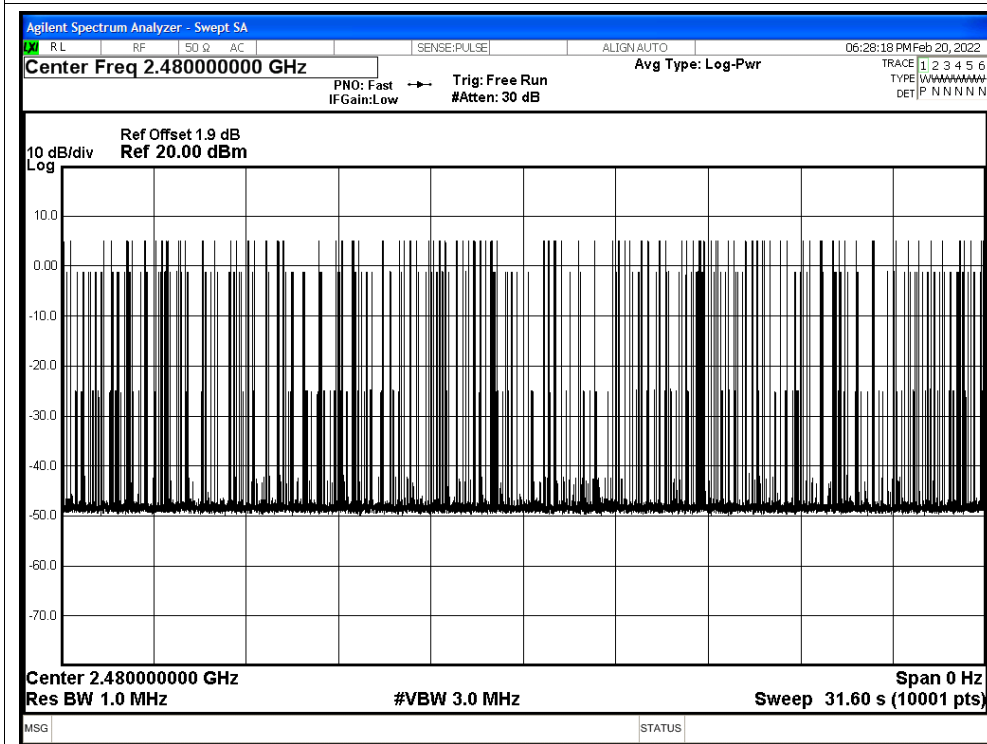




Dwell NVNT 2-DH5 2480MHz Ant One Burst

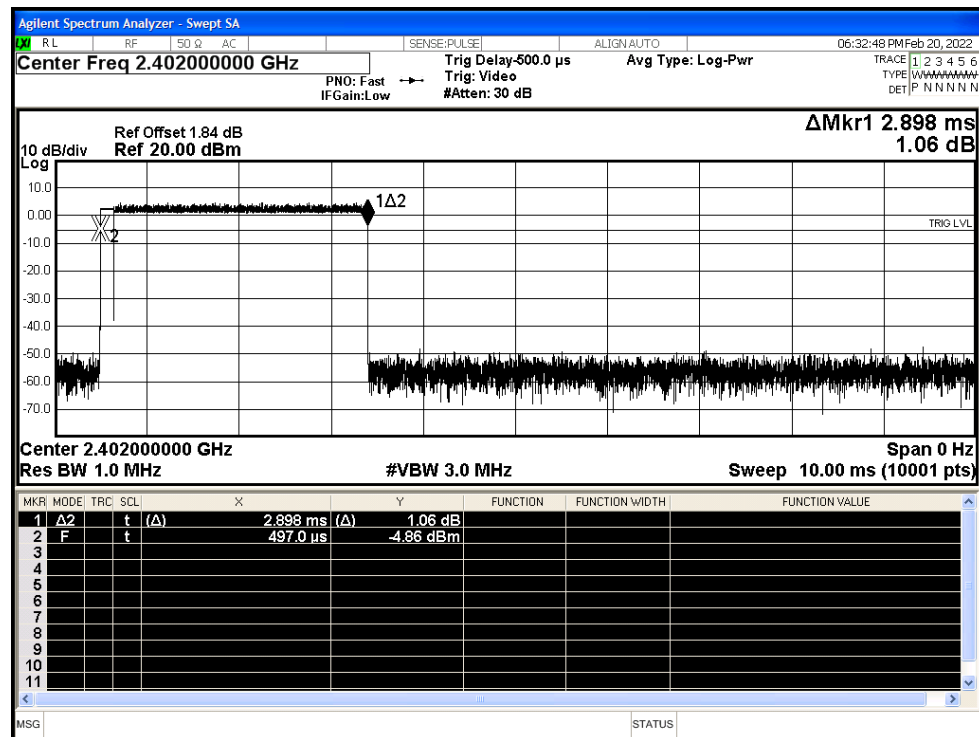


Dwell NVNT 2-DH5 2480MHz Ant Accumulated

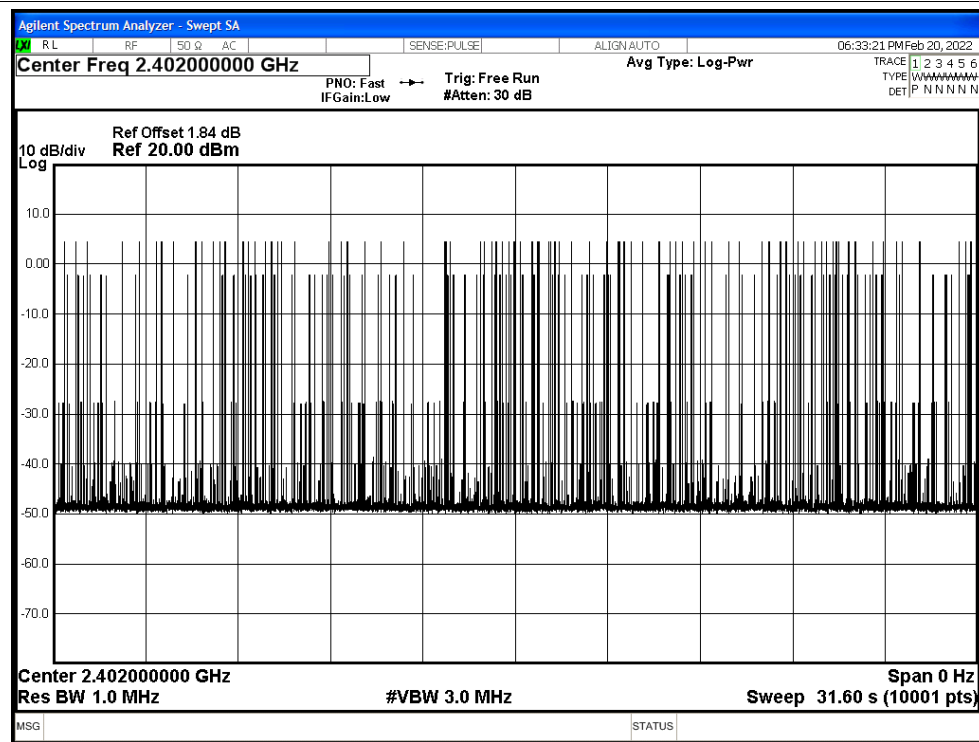




Dwell NVNT 3-DH5 2402MHz Ant One Burst

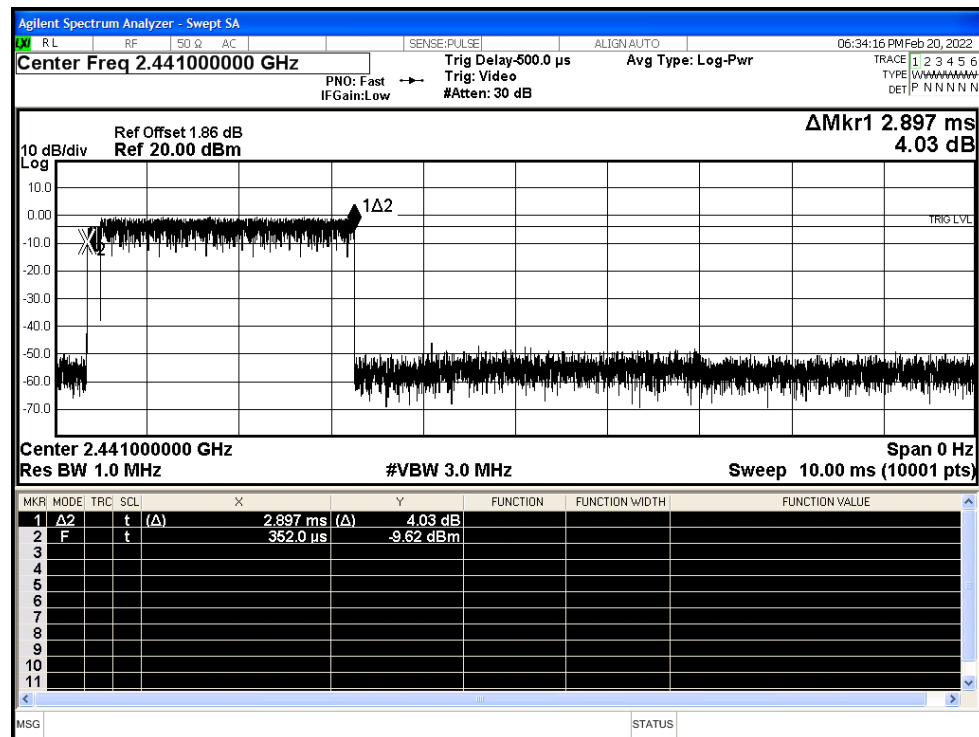


Dwell NVNT 3-DH5 2402MHz Ant Accumulated

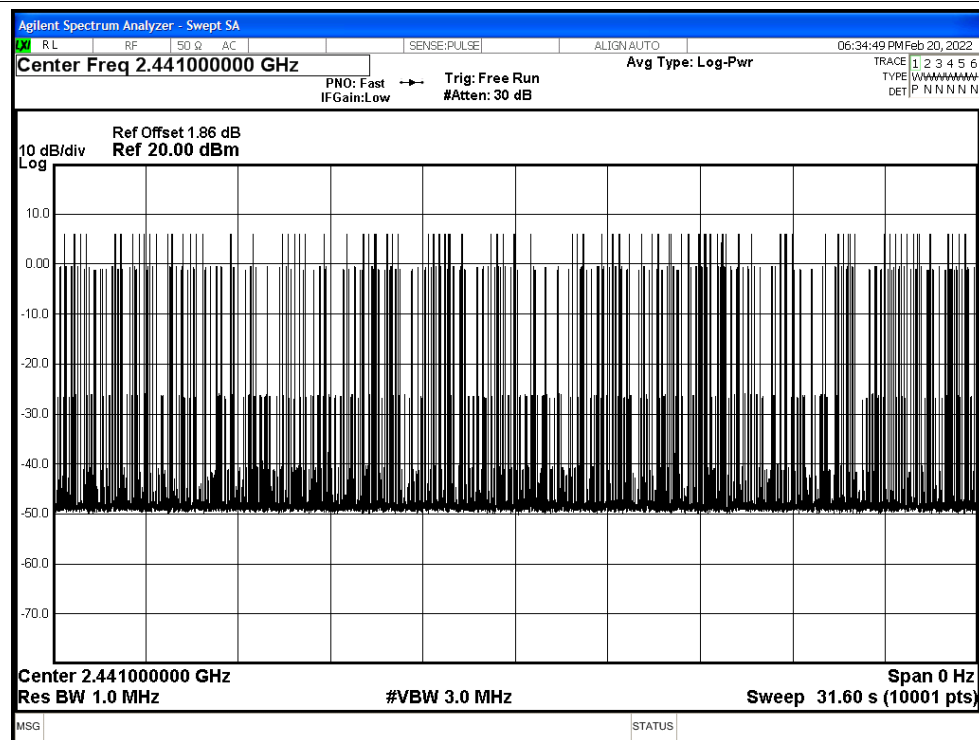




Dwell NVNT 3-DH5 2441MHz Ant One Burst

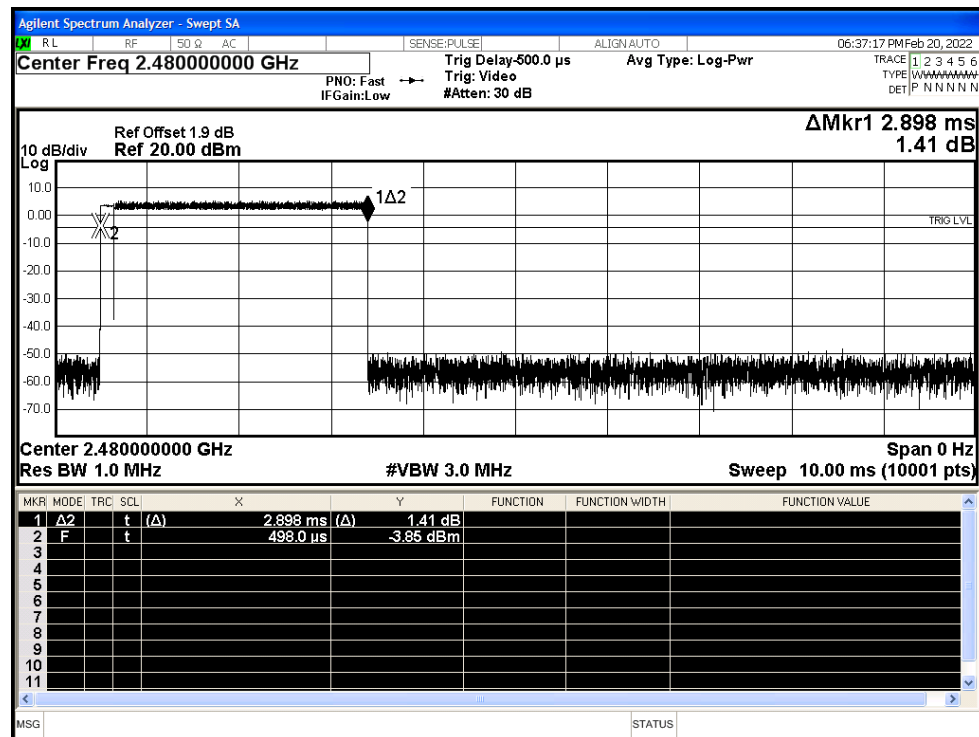


Dwell NVNT 3-DH5 2441MHz Ant Accumulated

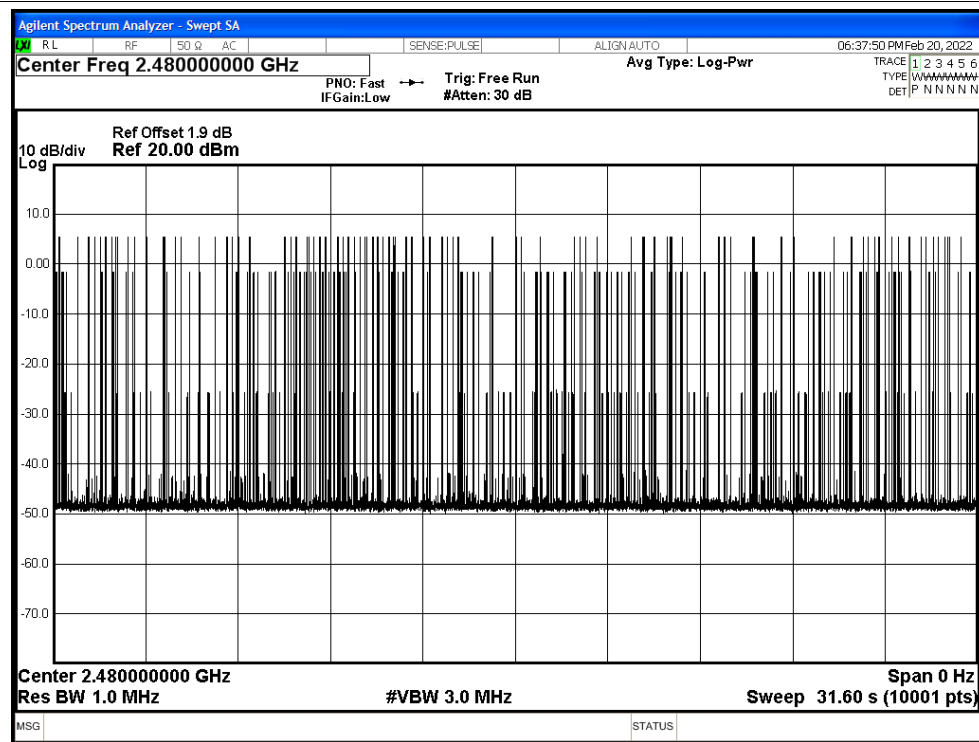




Dwell NVNT 3-DH5 2480MHz Ant One Burst



Dwell NVNT 3-DH5 2480MHz Ant Accumulated





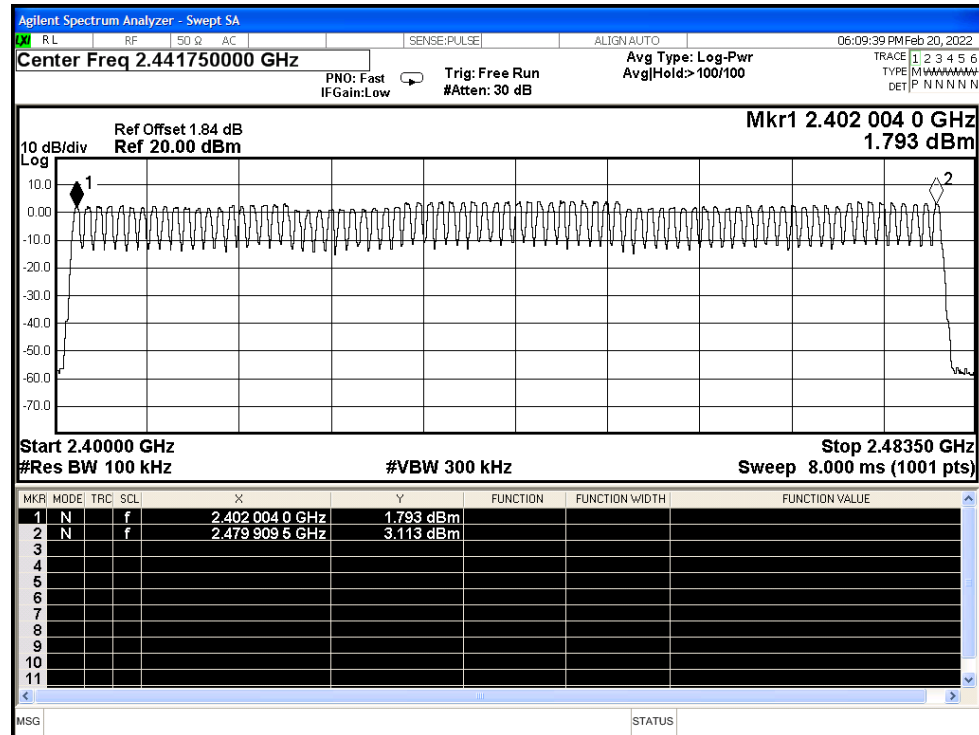
A.5 Number of Hopping Channel

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

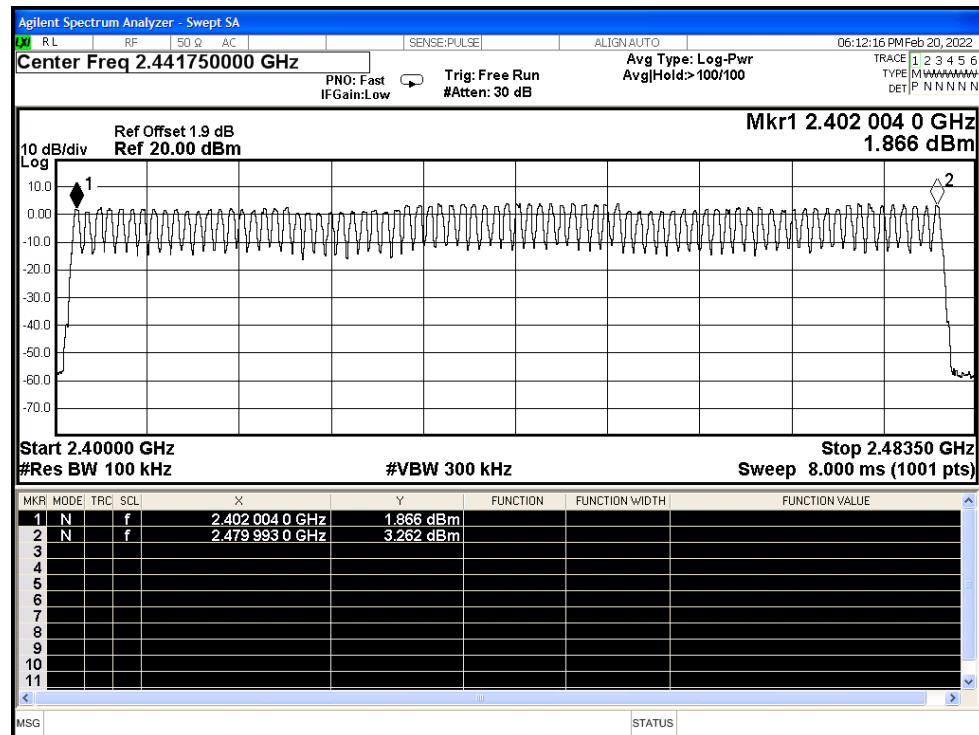


Test Graphs

Hopping No. NVNT 1-DH5 2402MHz Ant

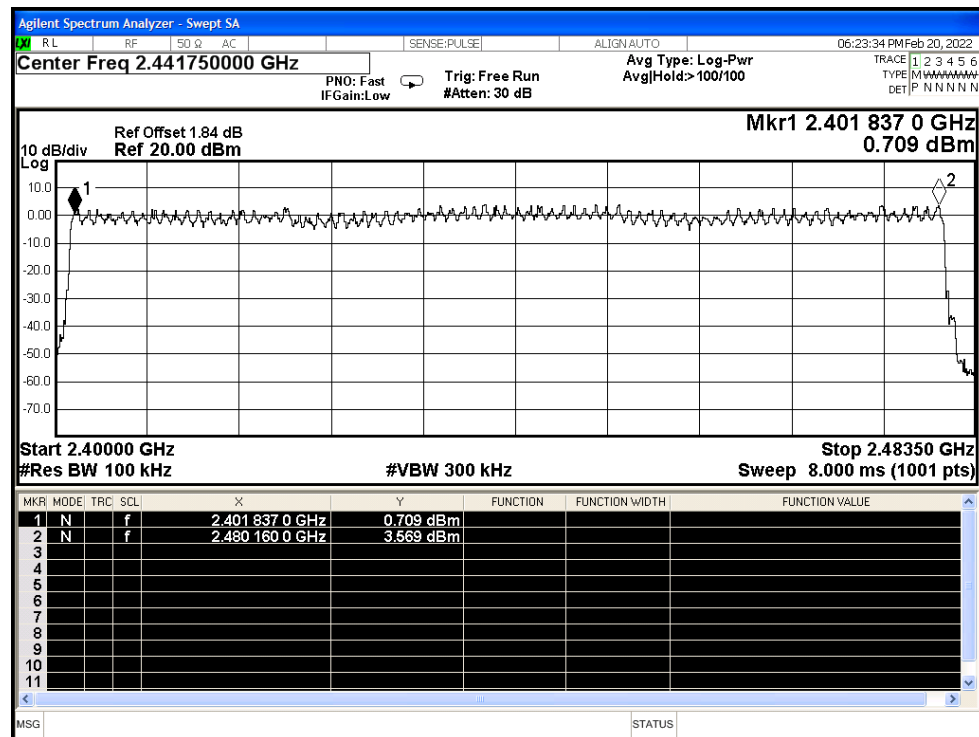


Hopping No. NVNT 1-DH5 2480MHz Ant

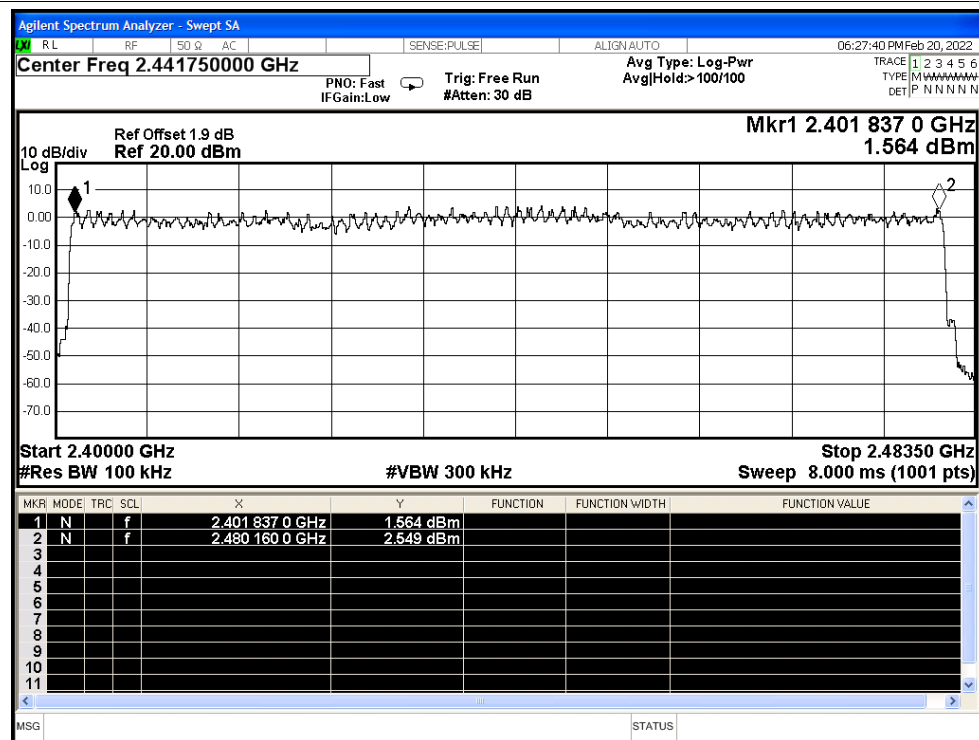




Hopping No. NVNT 2-DH5 2402MHz Ant

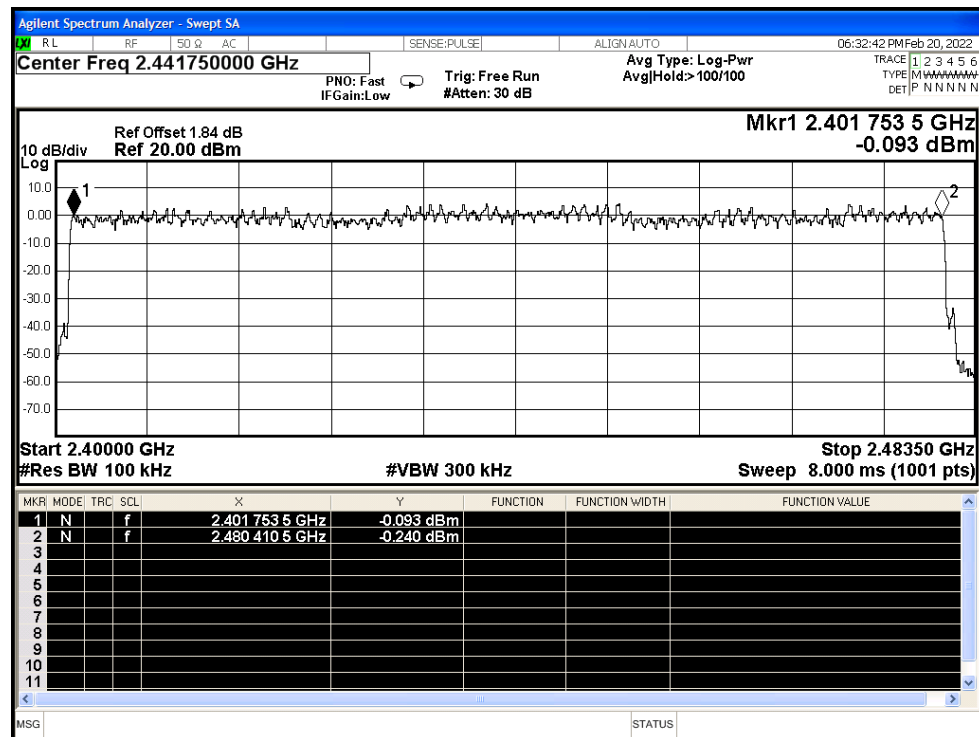


Hopping No. NVNT 2-DH5 2480MHz Ant

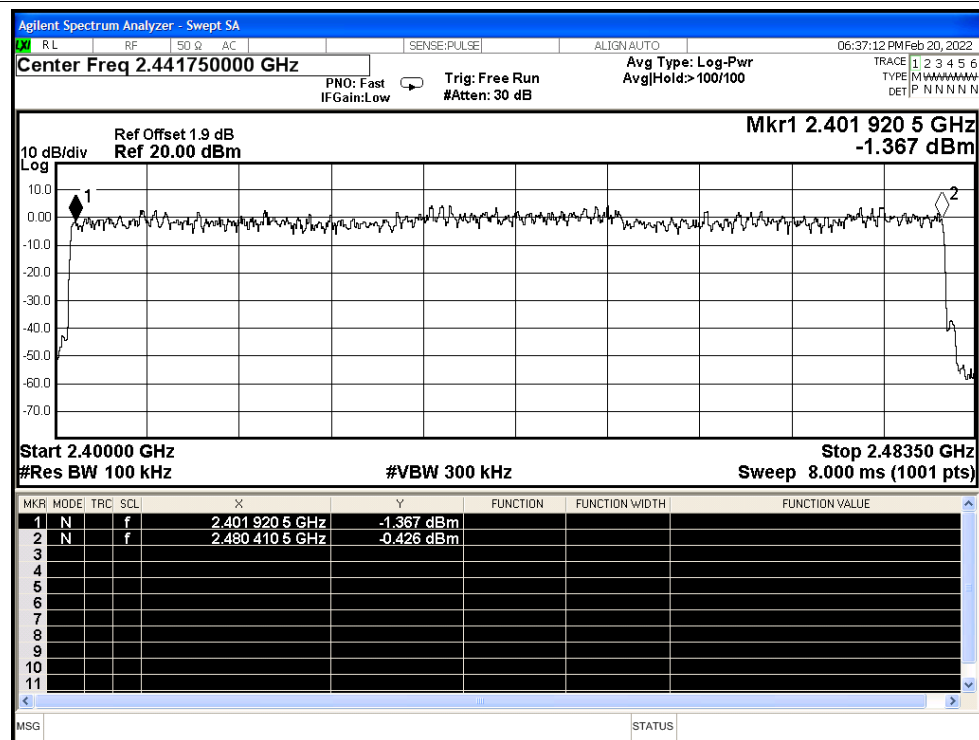




Hopping No. NVNT 3-DH5 2402MHz Ant



Hopping No. NVNT 3-DH5 2480MHz Ant





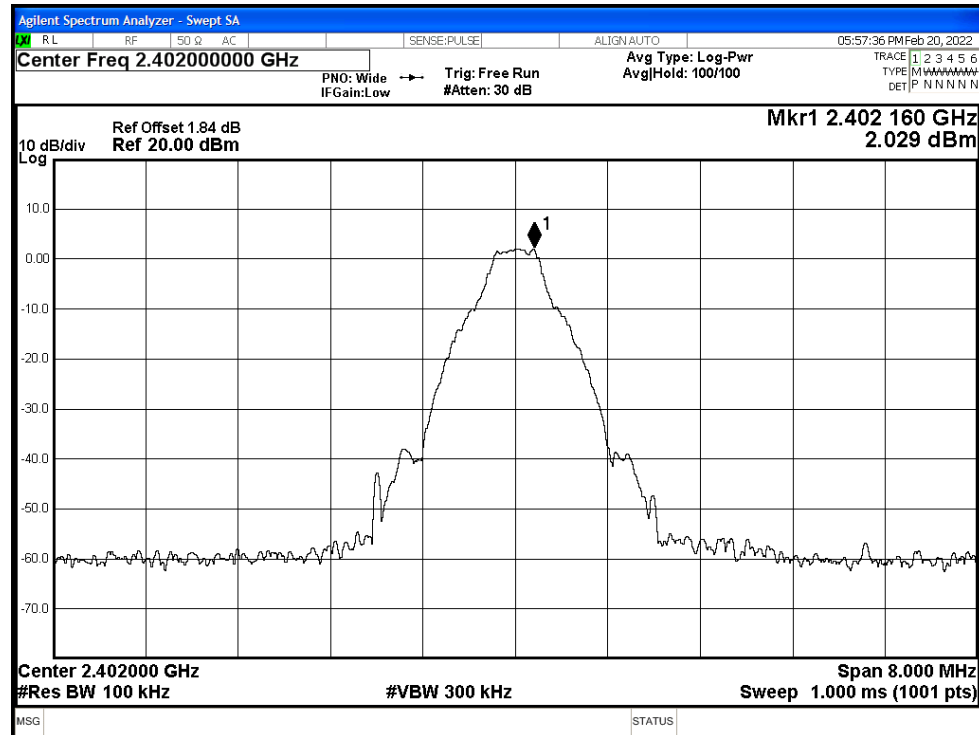
A.6 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant	No-Hopping	-57.98	-20	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	-60.25	-20	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	-52.21	-20	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	-59.66	-20	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	-51.75	-20	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	-58.83	-20	Pass

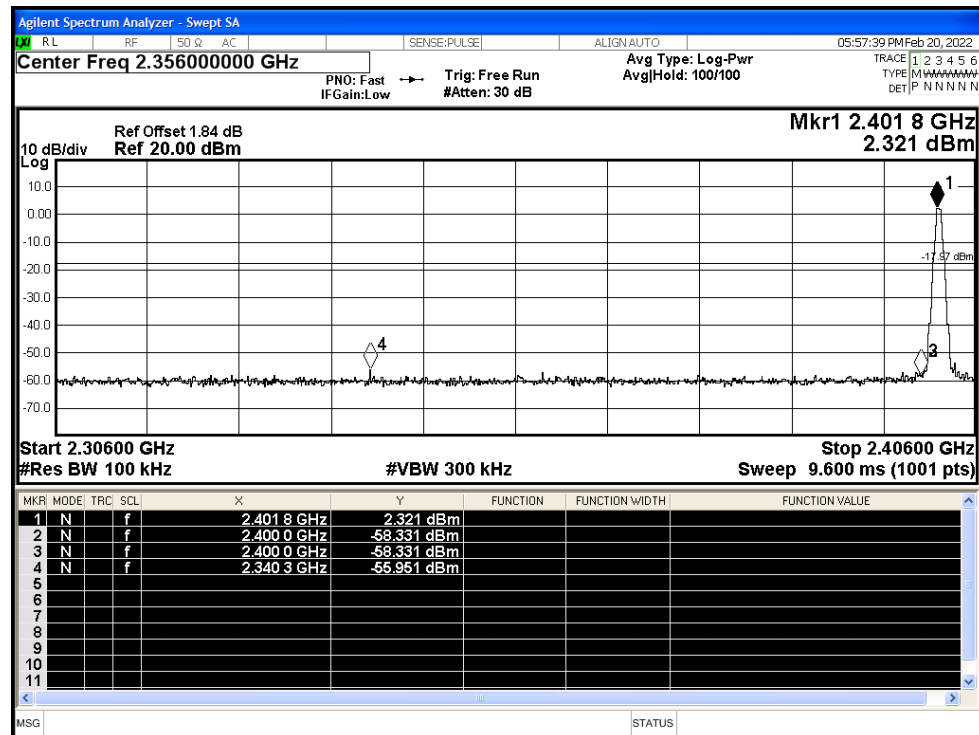


Test Graphs

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

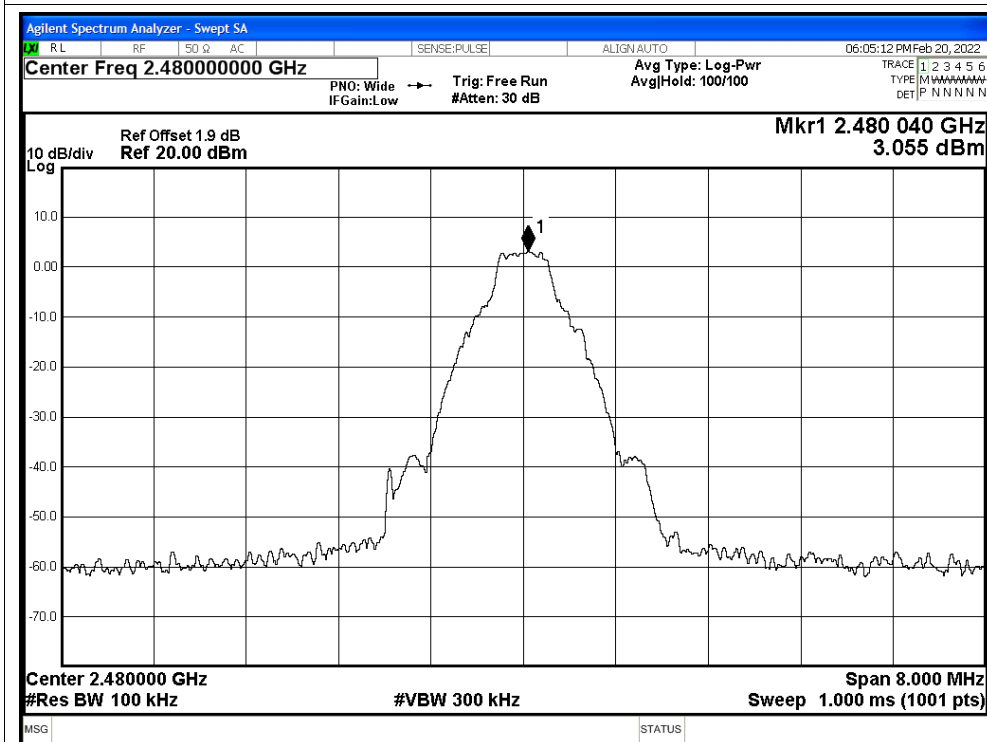


Band Edge NVNT 1-DH5 2402MHz Ant No-Hopping Emission

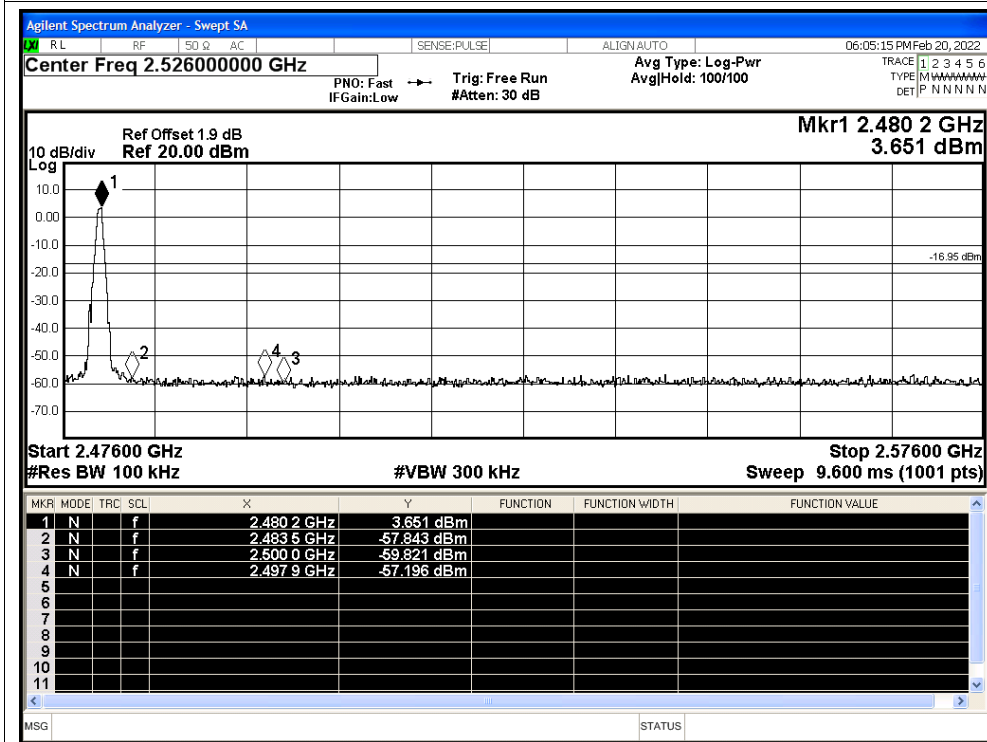




Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Ref

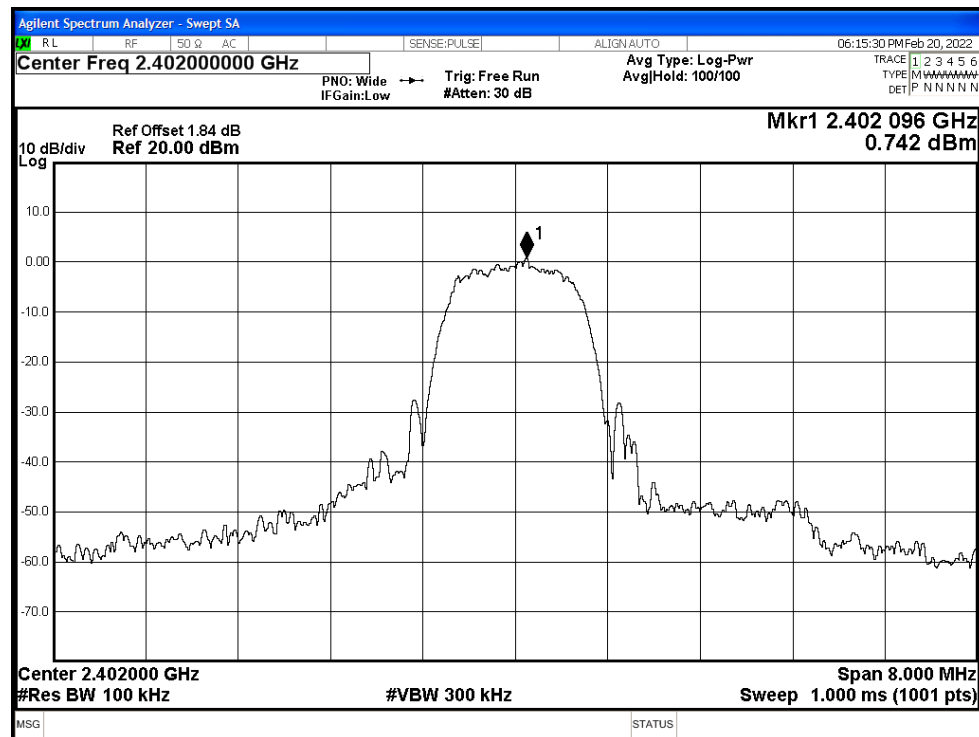


Band Edge NVNT 1-DH5 2480MHz Ant No-Hopping Emission

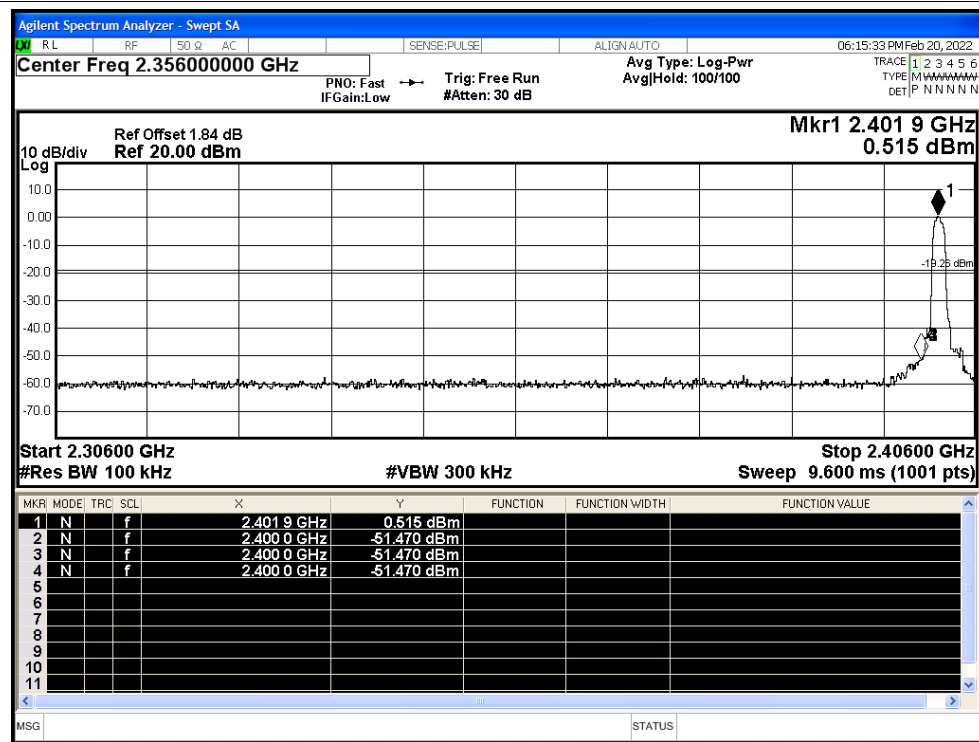




Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Ref

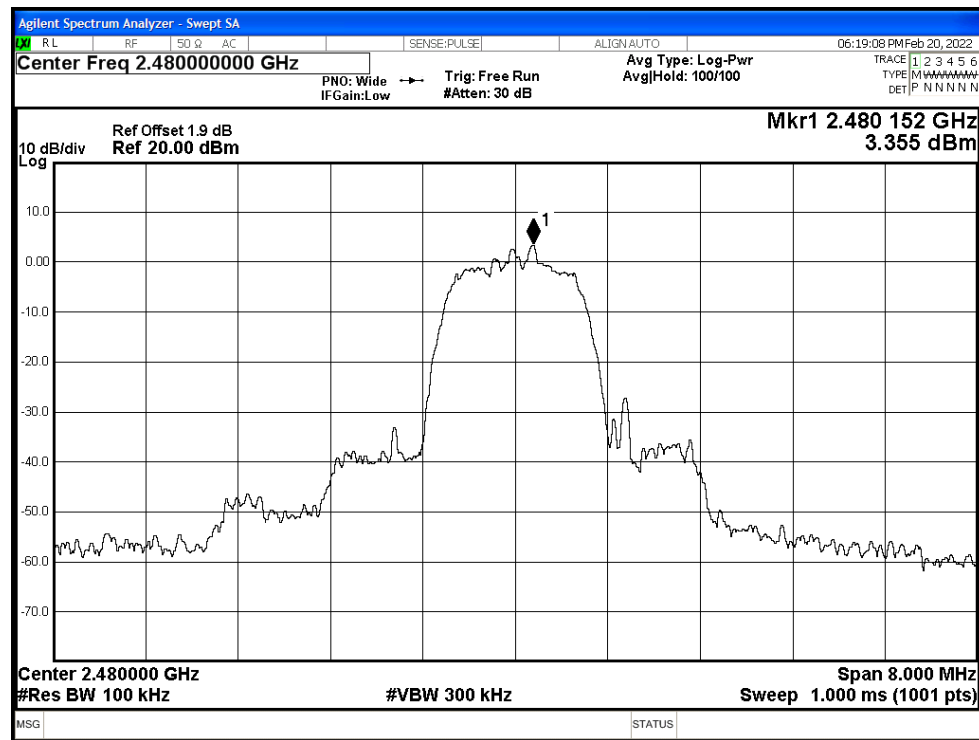


Band Edge NVNT 2-DH5 2402MHz Ant No-Hopping Emission

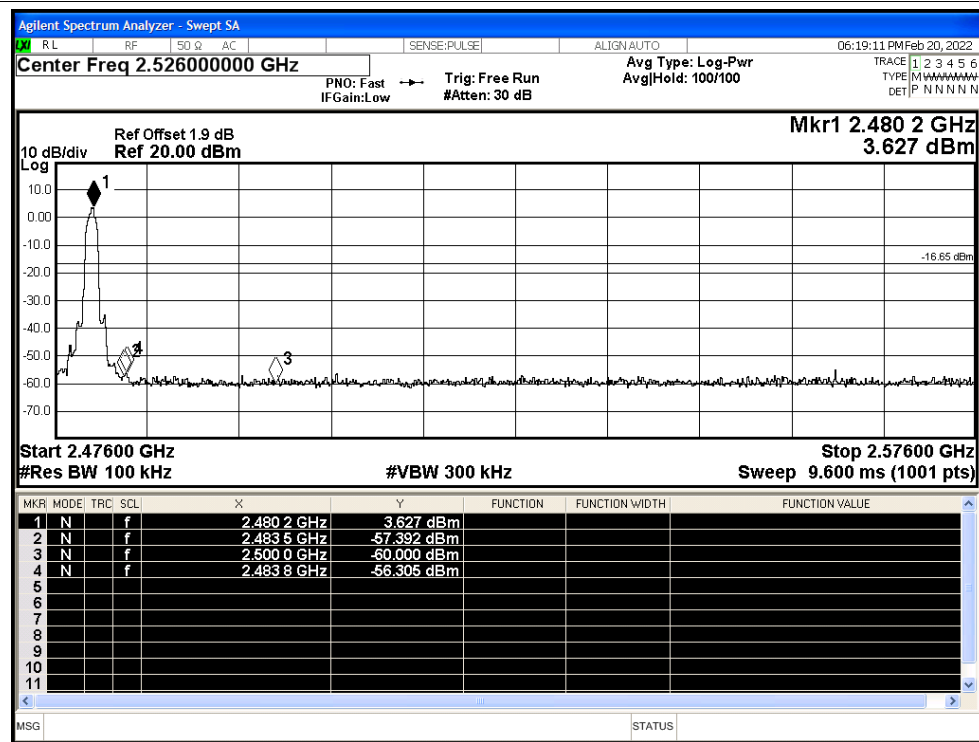




Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Ref

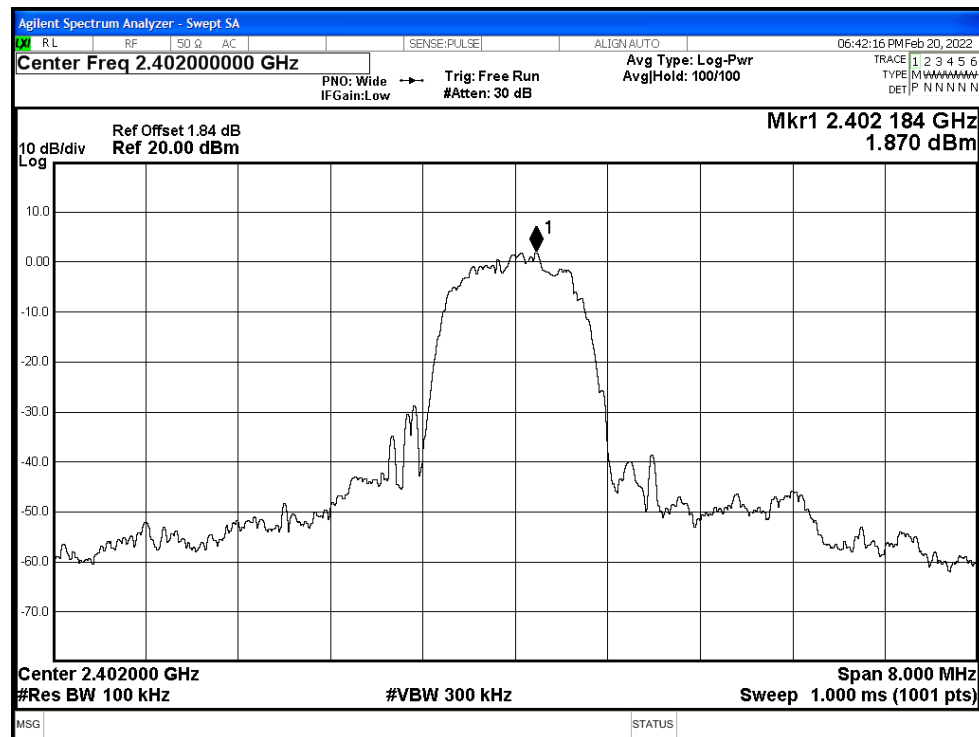


Band Edge NVNT 2-DH5 2480MHz Ant No-Hopping Emission

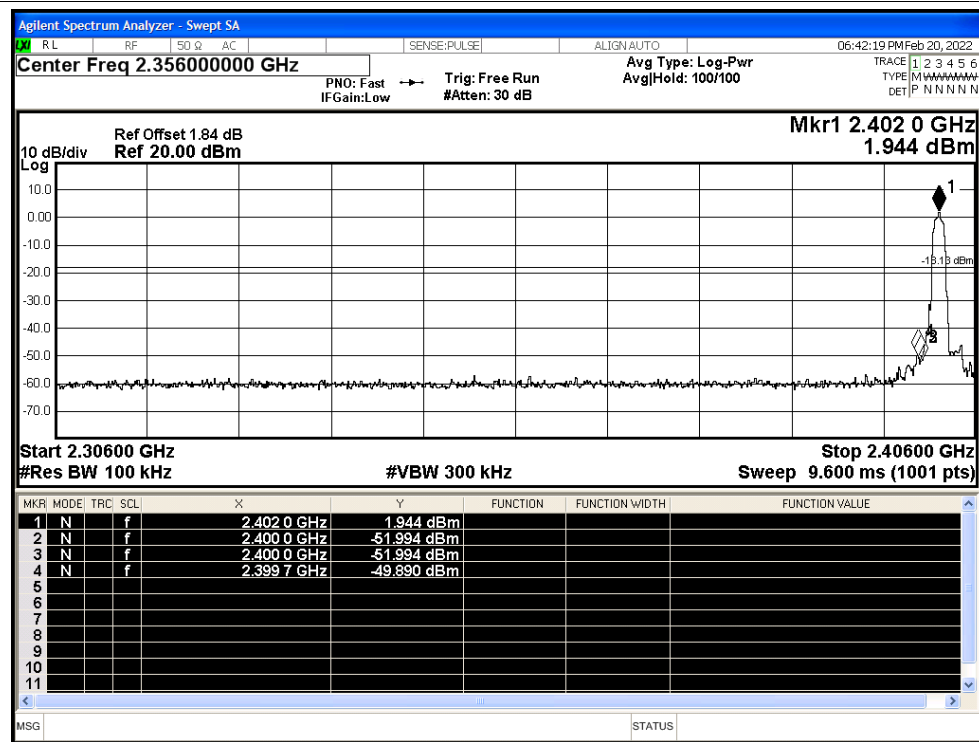




Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Ref

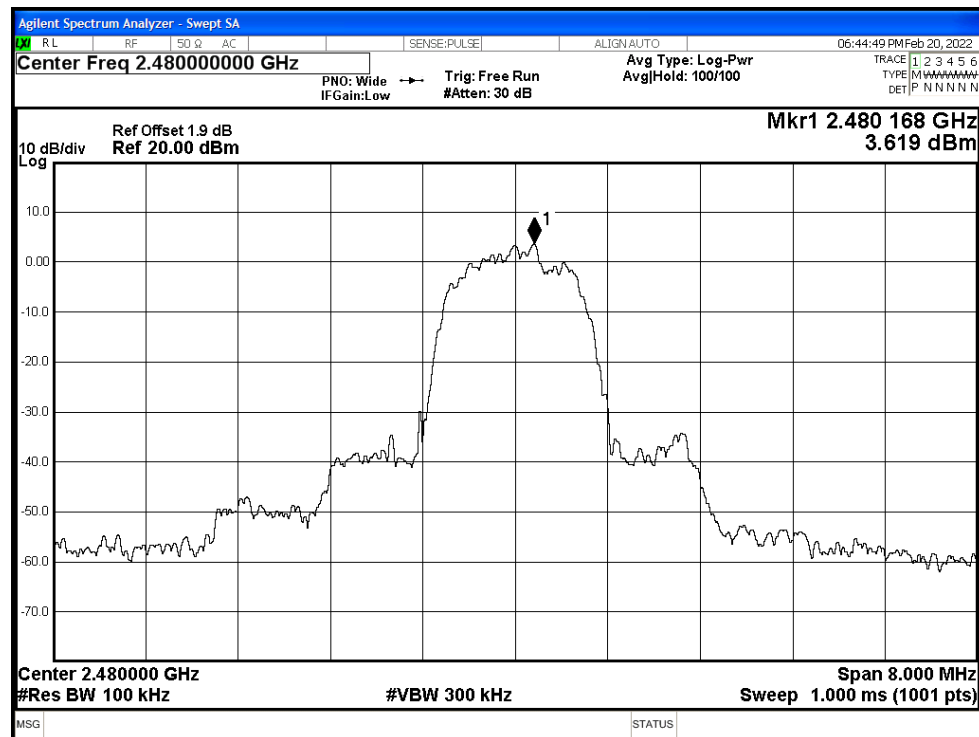


Band Edge NVNT 3-DH5 2402MHz Ant No-Hopping Emission

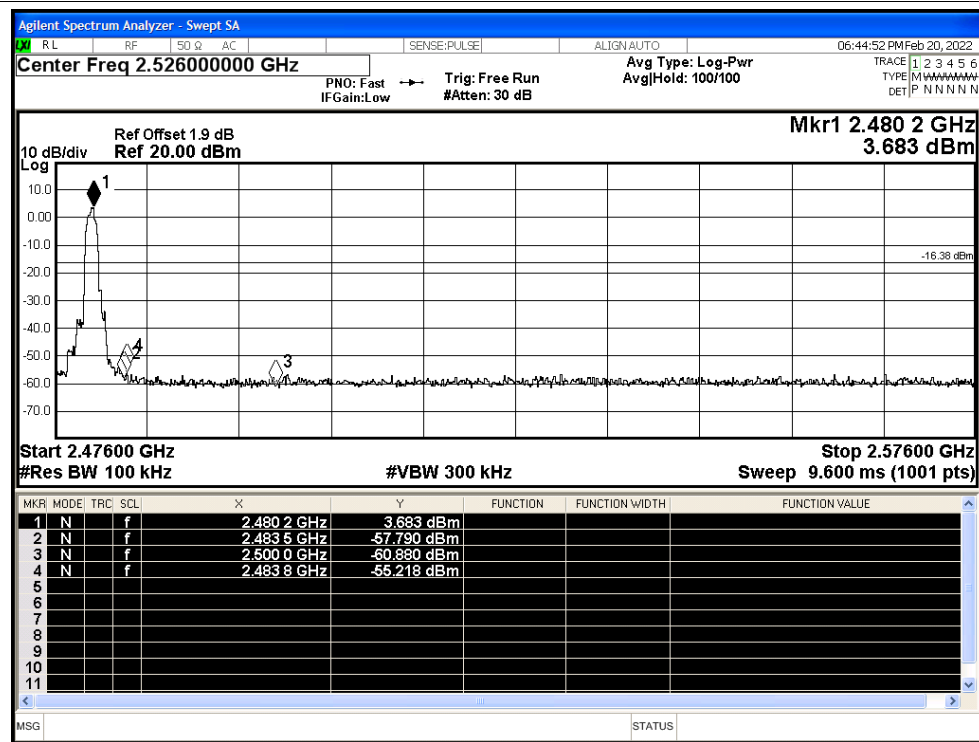




Band Edge NVNT 3-DH5 2480MHz Ant No-Hopping Ref



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





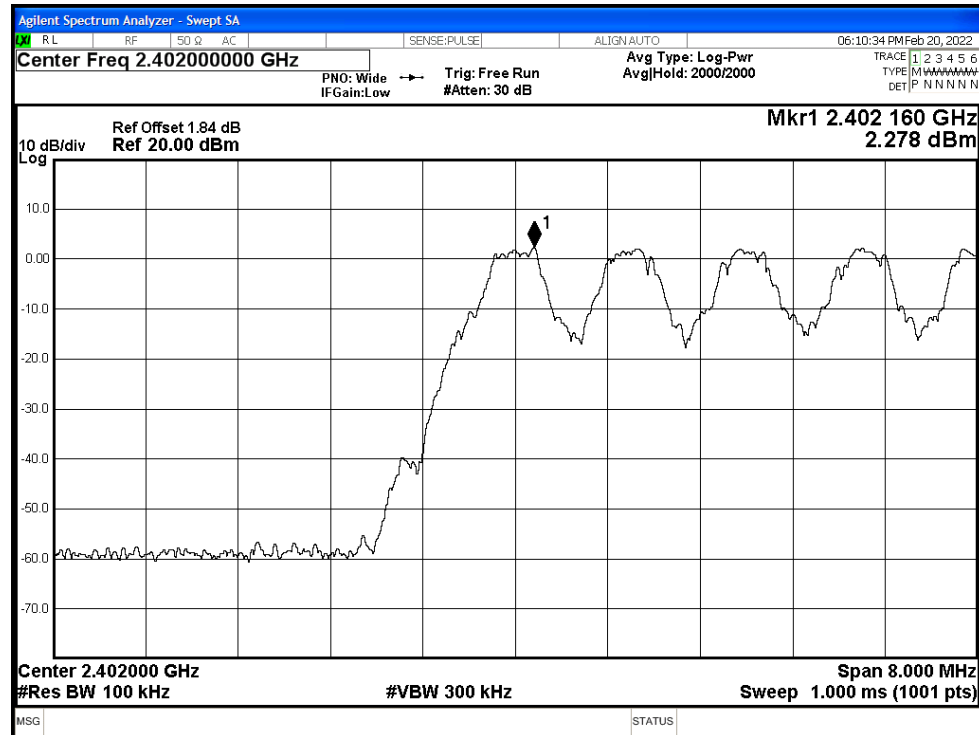
(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant	Hopping	-58.75	-20	Pass
NVNT	1-DH5	2480	Ant	Hopping	-59.53	-20	Pass
NVNT	2-DH5	2402	Ant	Hopping	-58.43	-20	Pass
NVNT	2-DH5	2480	Ant	Hopping	-59.52	-20	Pass
NVNT	3-DH5	2402	Ant	Hopping	-57.28	-20	Pass
NVNT	3-DH5	2480	Ant	Hopping	-59.07	-20	Pass

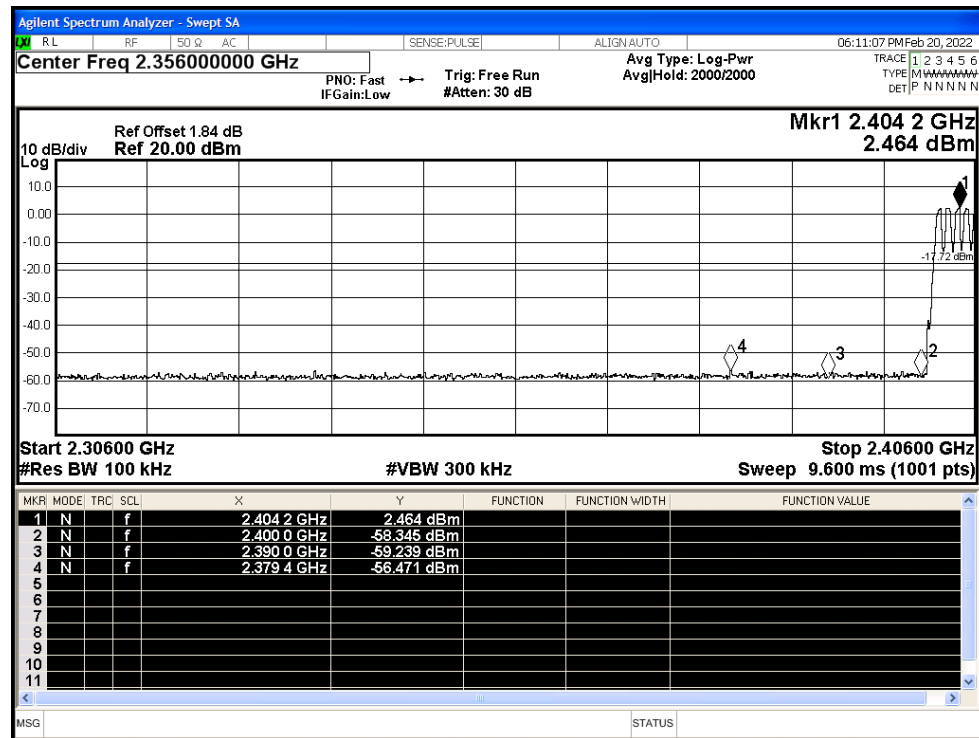


Test Graphs

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

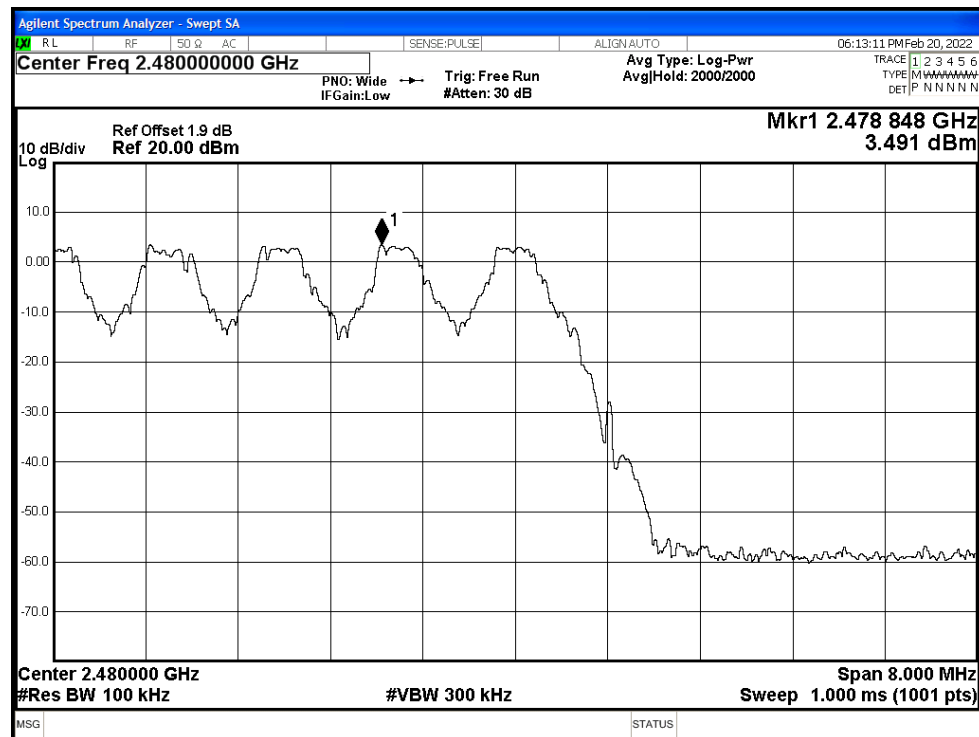


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant Hopping Emission

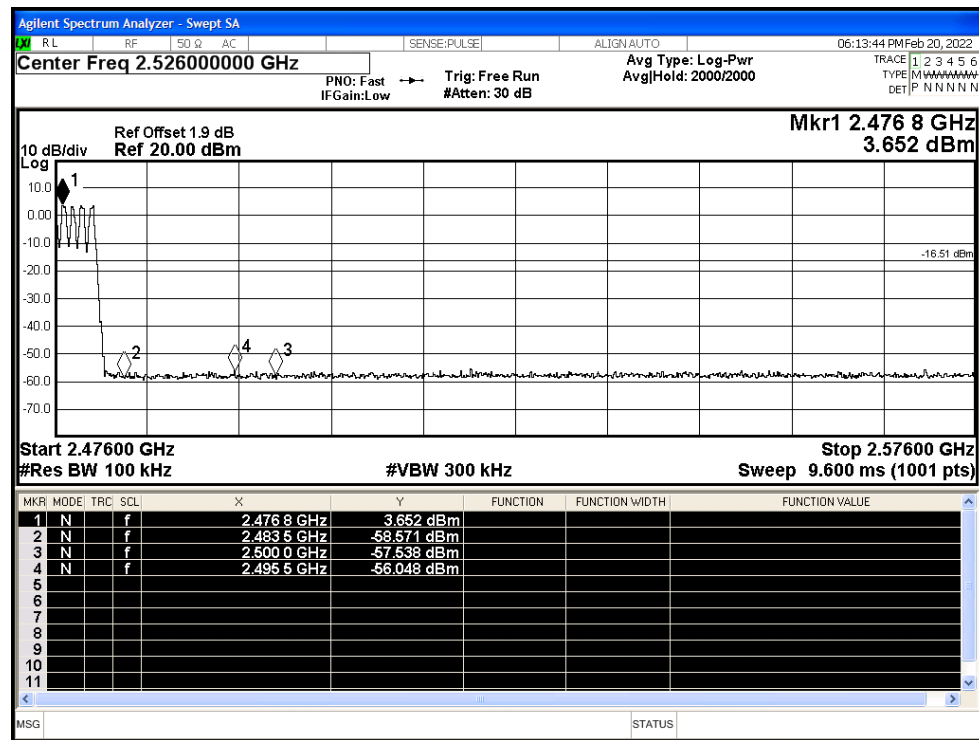




Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant Hopping Ref



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

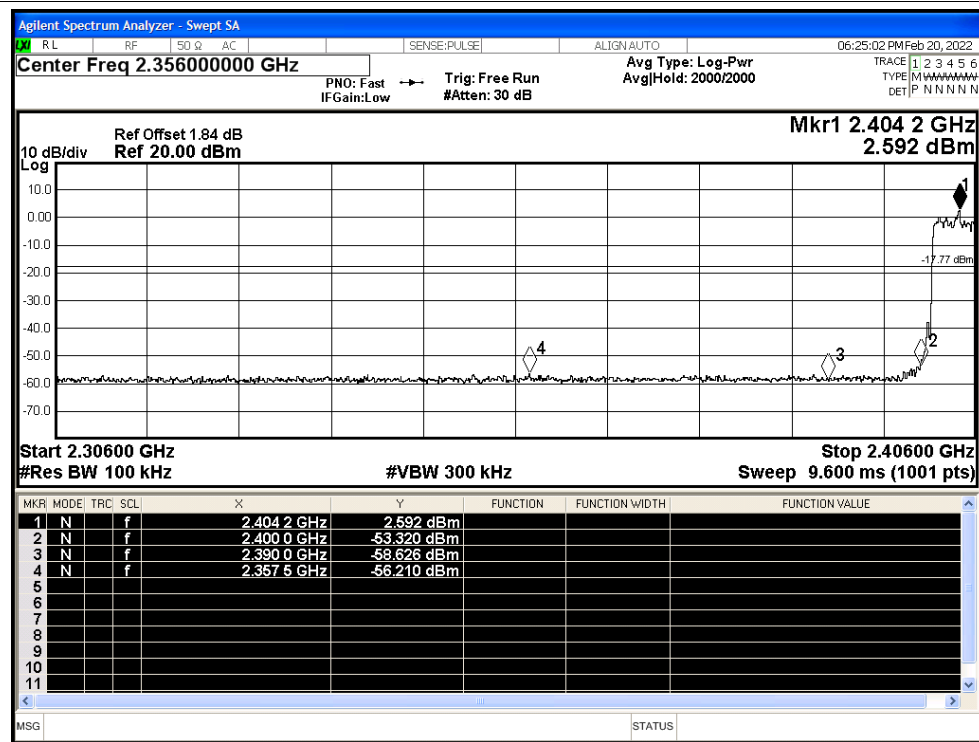




Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant Hopping Ref

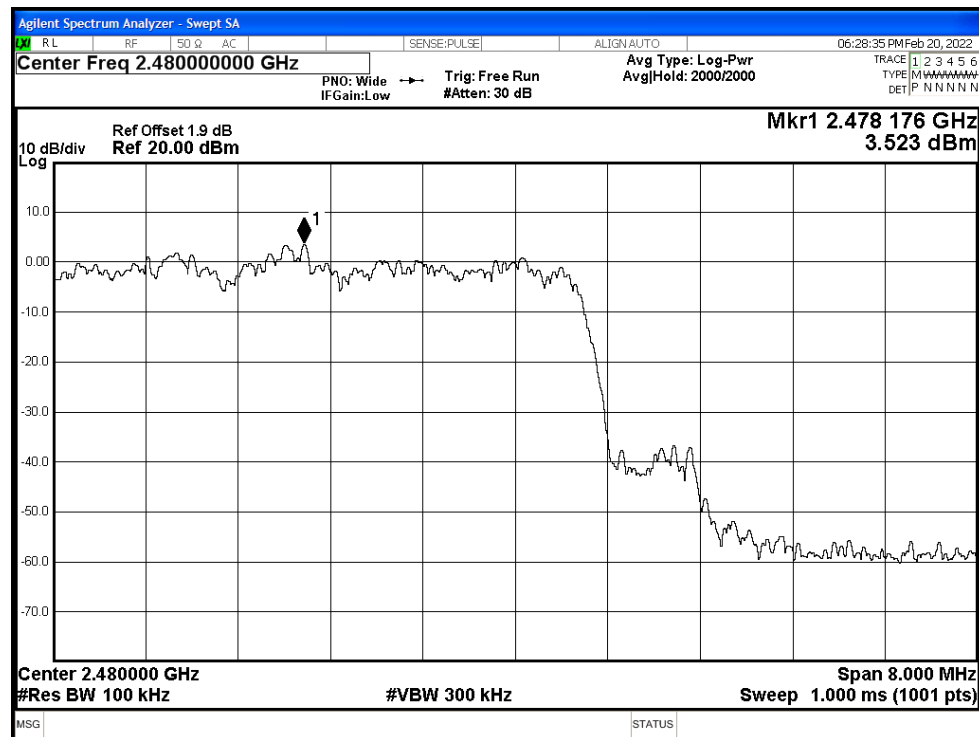


Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant Hopping Emission

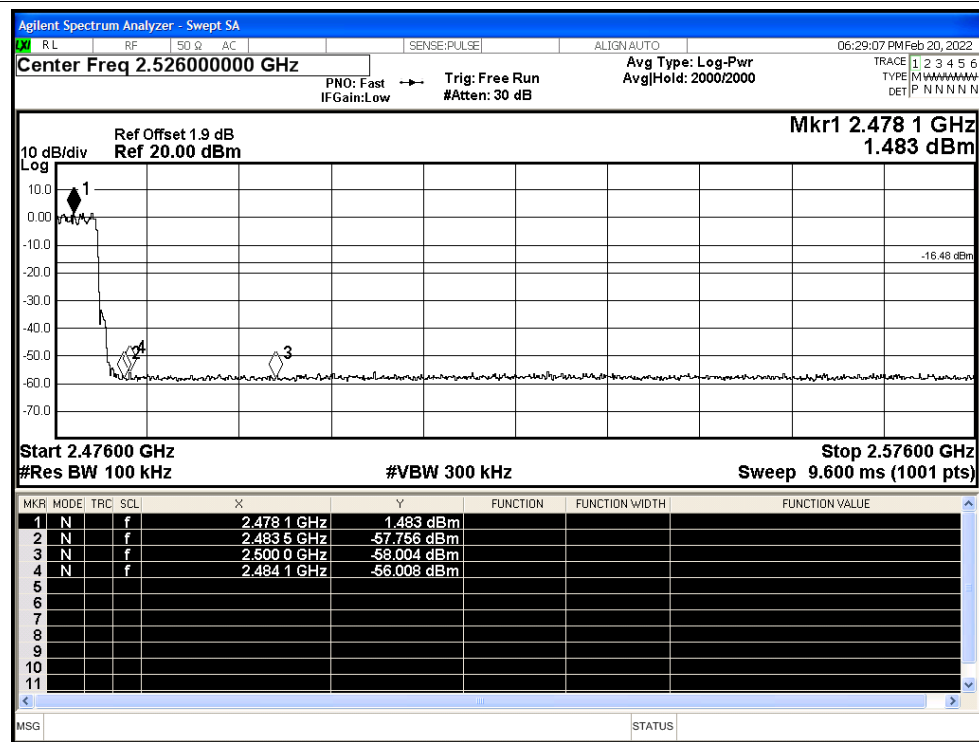




Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant Hopping Ref

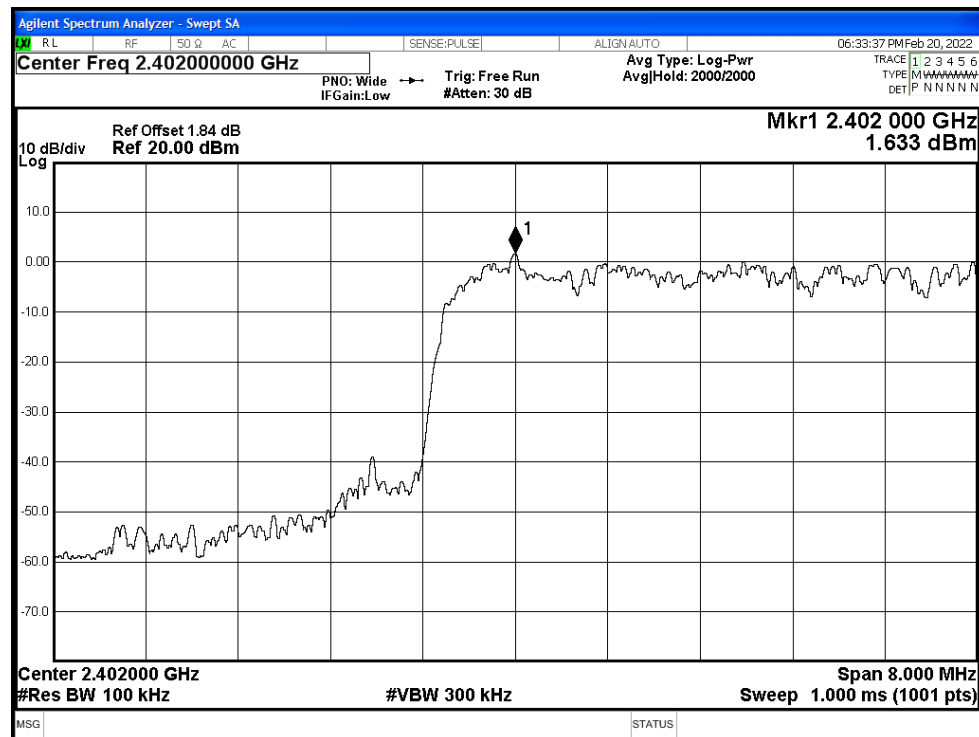


Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant Hopping Emission

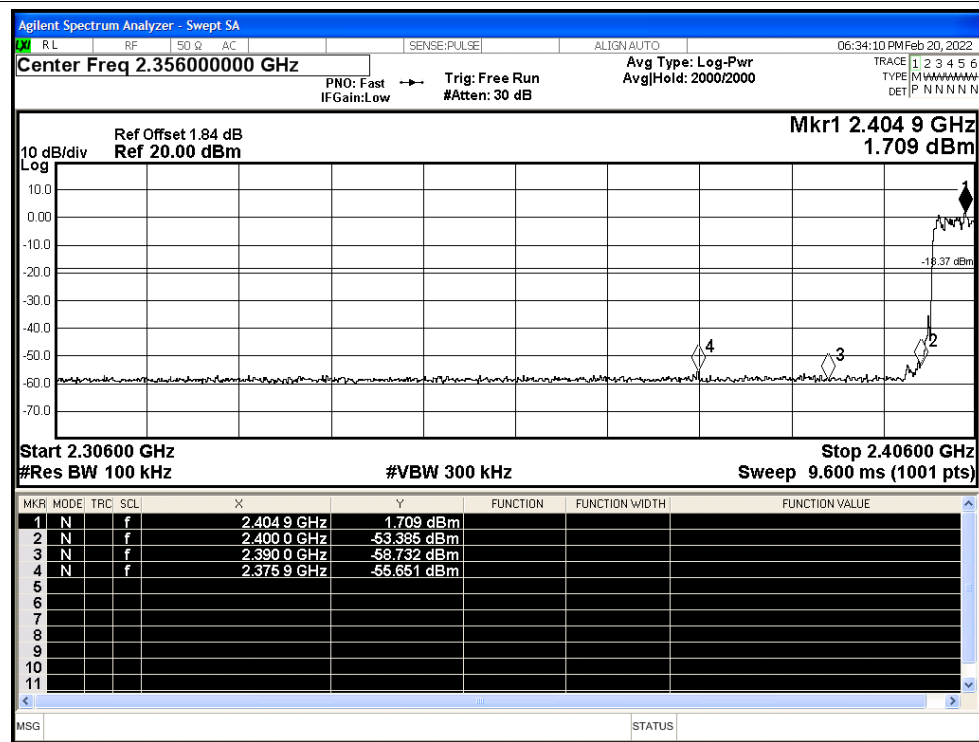




Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant Hopping Ref

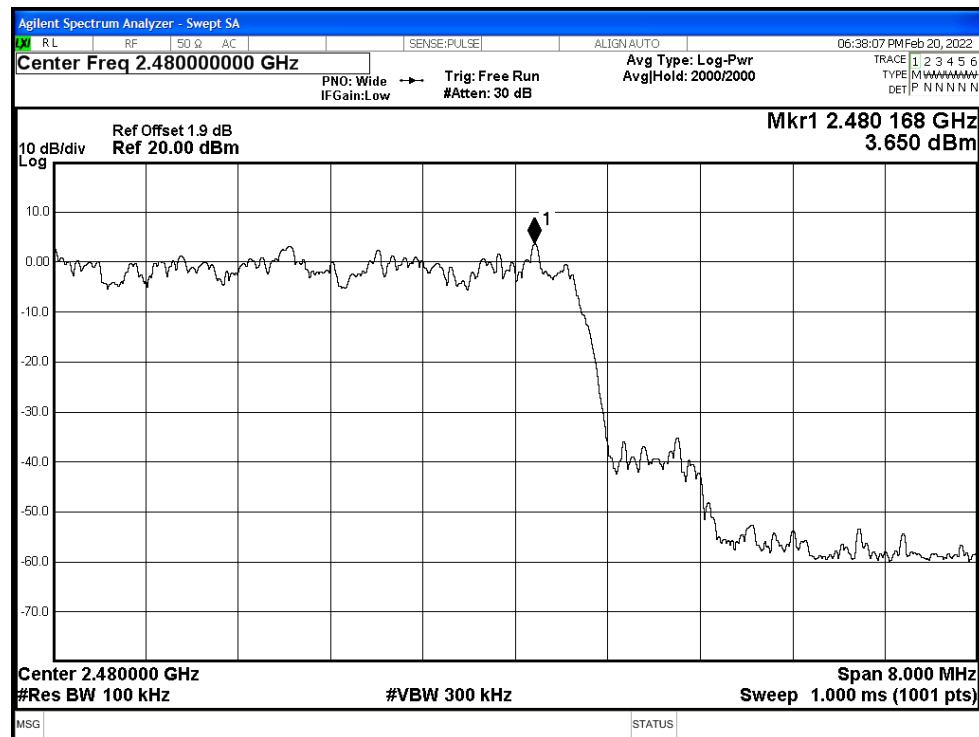


Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant Hopping Emission

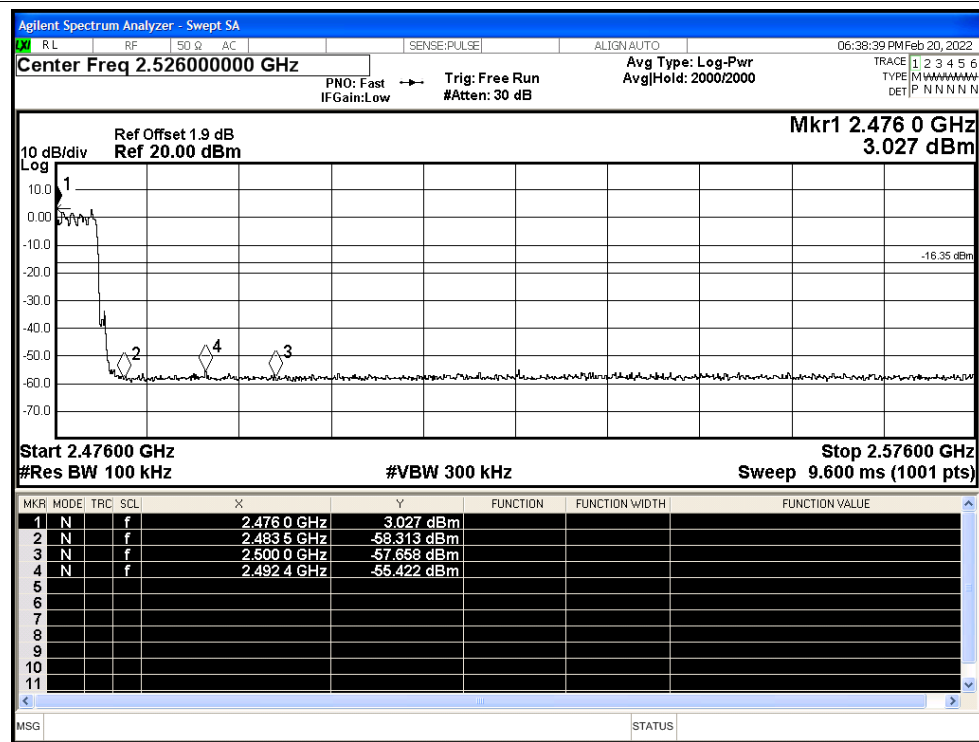




Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant Hopping Ref



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





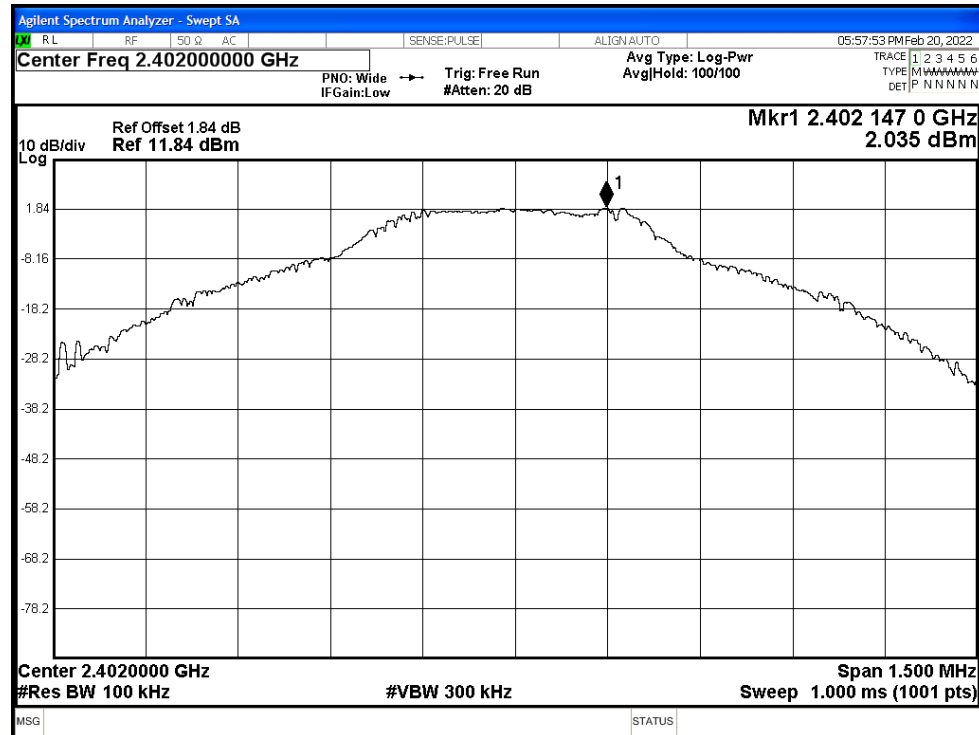
A.7 Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant	-58.47	-20	Pass
NVNT	1-DH5	2441	Ant	-60.04	-20	Pass
NVNT	1-DH5	2480	Ant	-58.86	-20	Pass
NVNT	2-DH5	2402	Ant	-58.56	-20	Pass
NVNT	2-DH5	2441	Ant	-59.43	-20	Pass
NVNT	2-DH5	2480	Ant	-58.48	-20	Pass
NVNT	3-DH5	2402	Ant	-58.52	-20	Pass
NVNT	3-DH5	2441	Ant	-60.33	-20	Pass
NVNT	3-DH5	2480	Ant	-58.13	-20	Pass

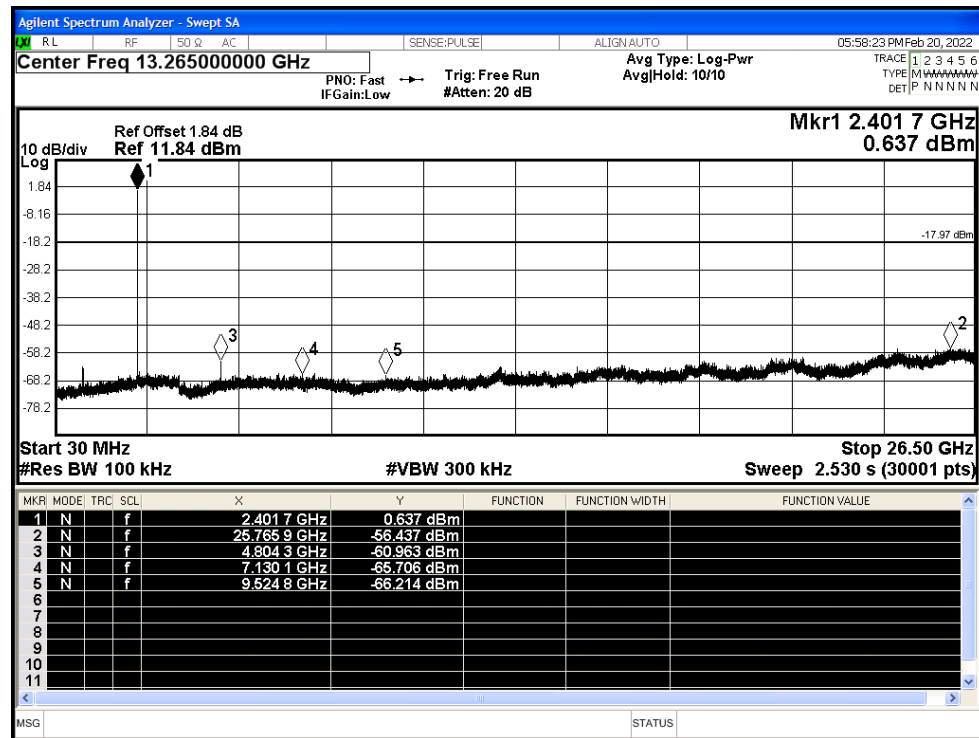


Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant Ref

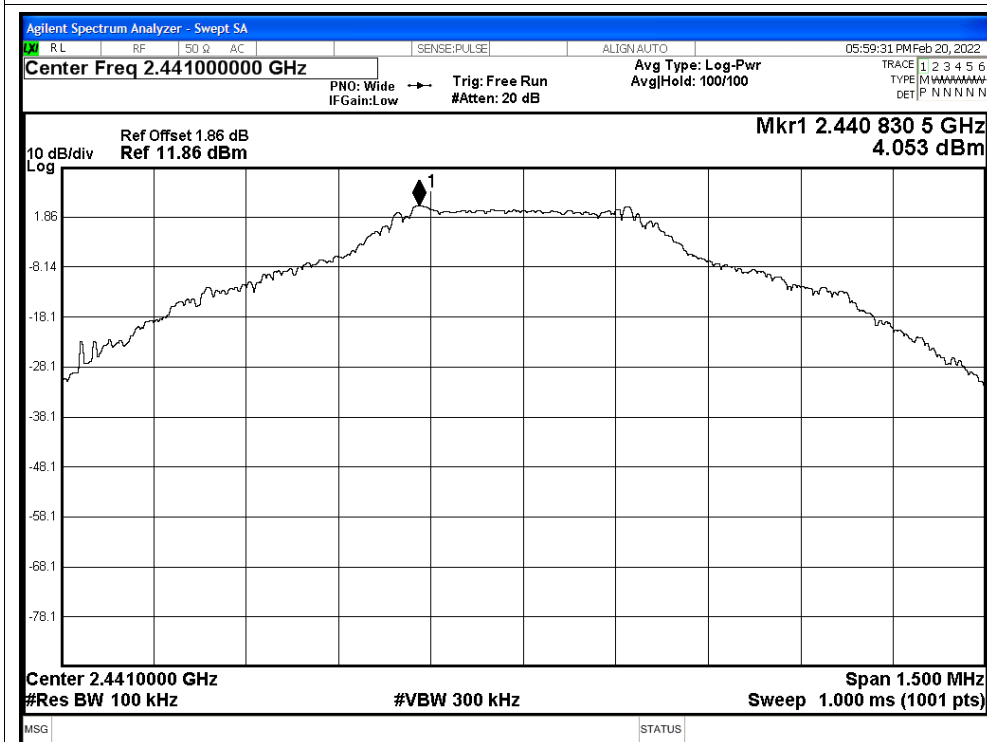


Tx. Spurious NVNT 1-DH5 2402MHz Ant Emission

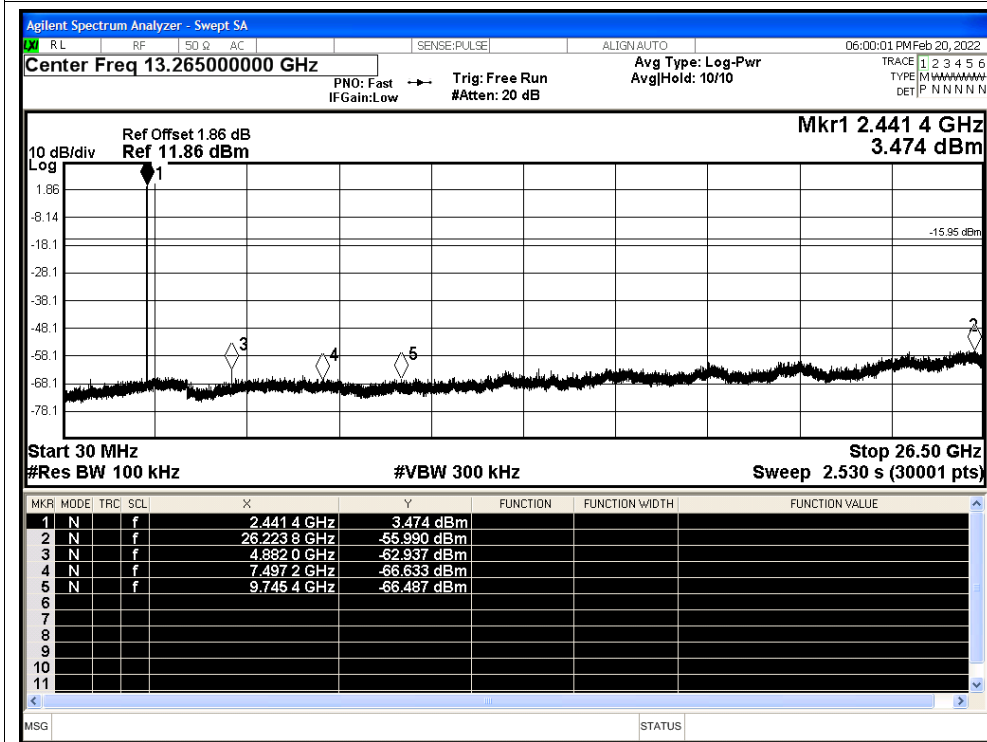




Tx. Spurious NVNT 1-DH5 2441MHz Ant Ref

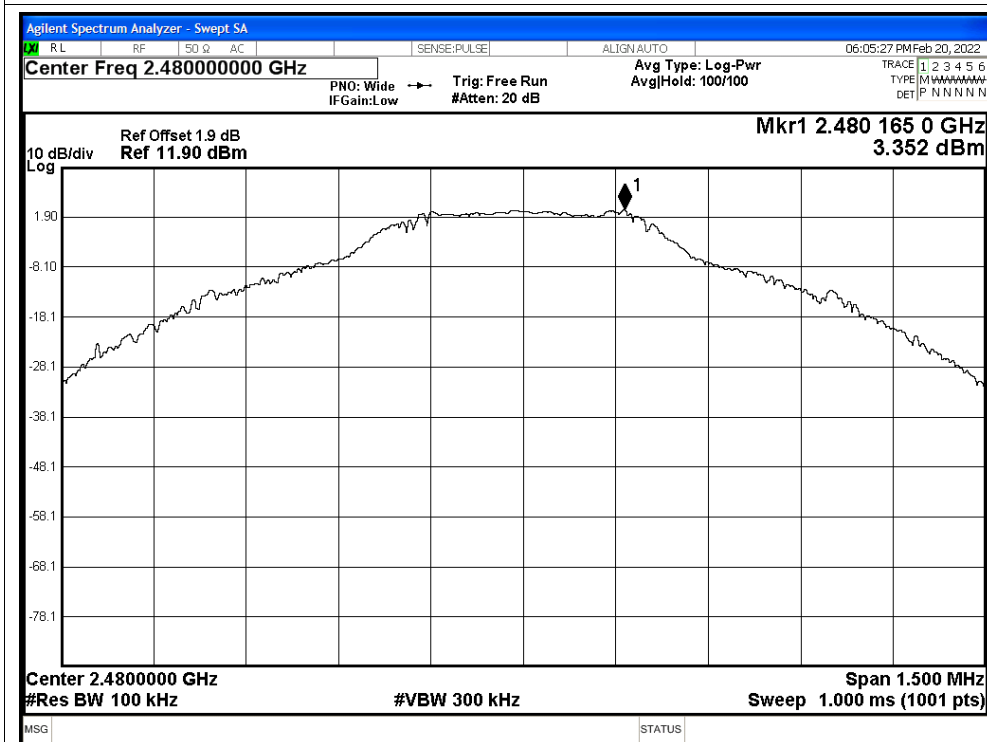


Tx. Spurious NVNT 1-DH5 2441MHz Ant Emission

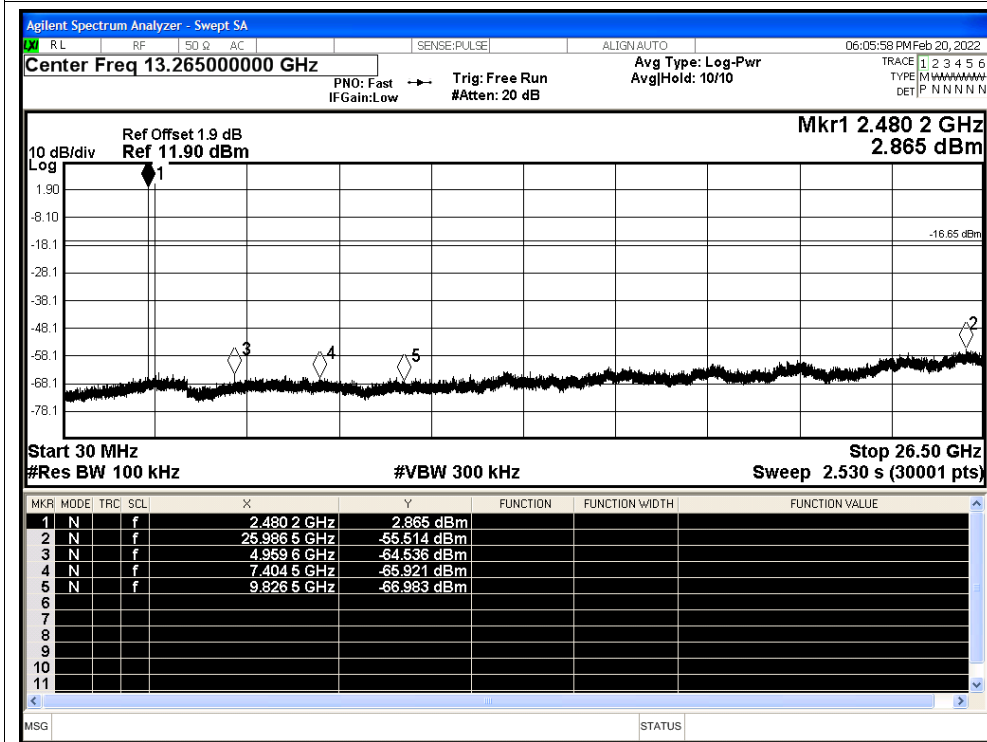




Tx. Spurious NVNT 1-DH5 2480MHz Ant Ref

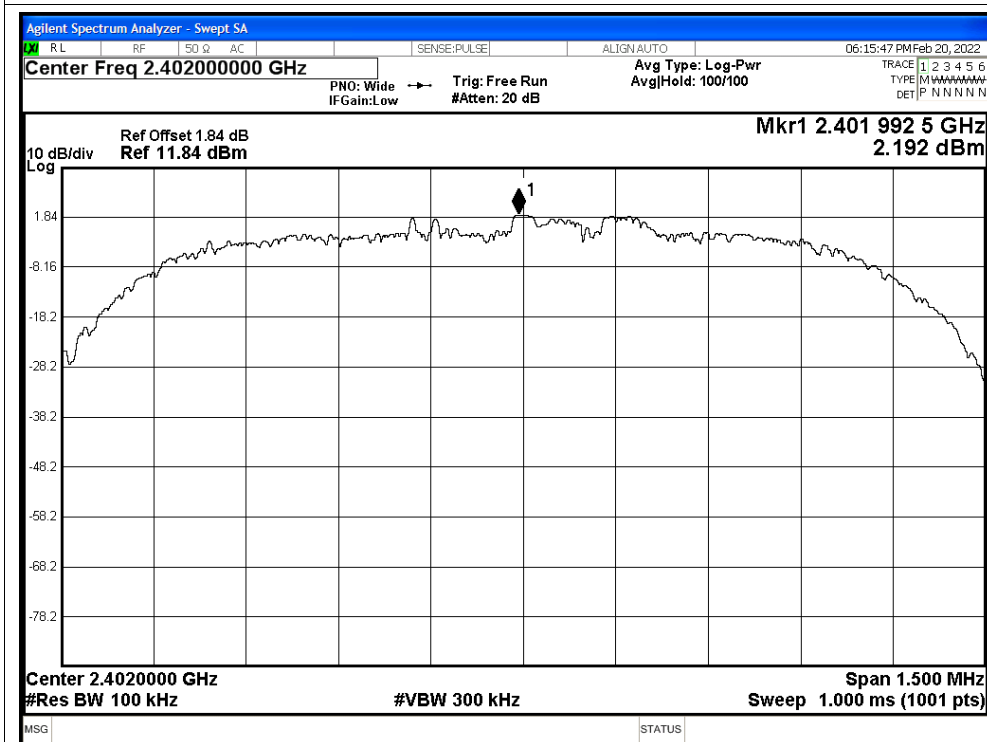


Tx. Spurious NVNT 1-DH5 2480MHz Ant Emission

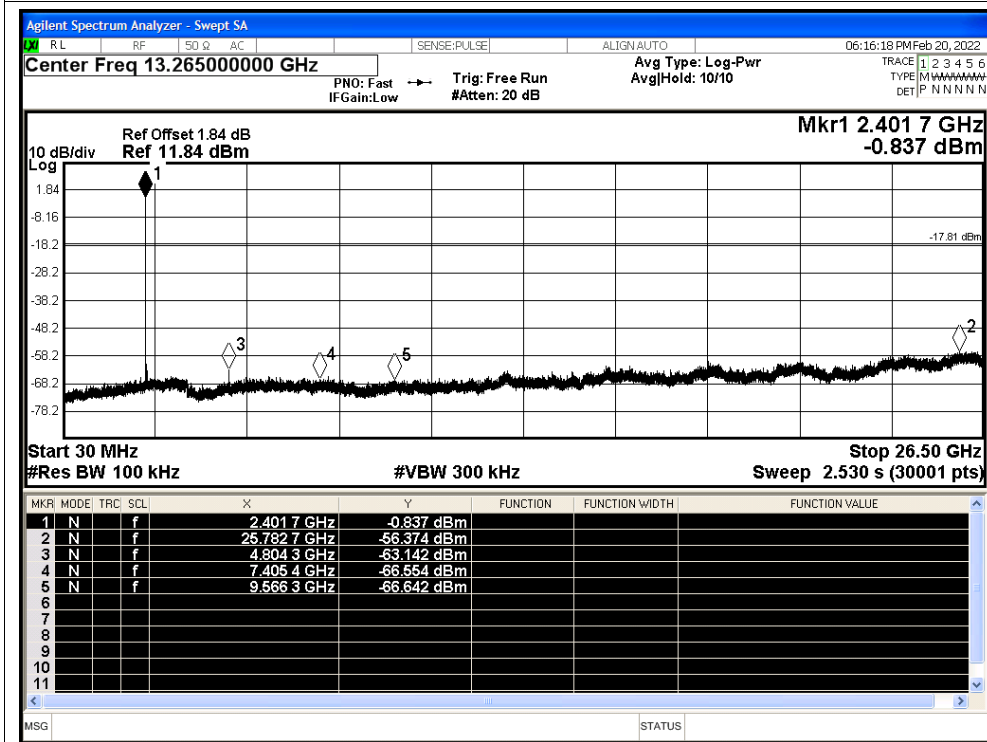




Tx. Spurious NVNT 2-DH5 2402MHz Ant Ref

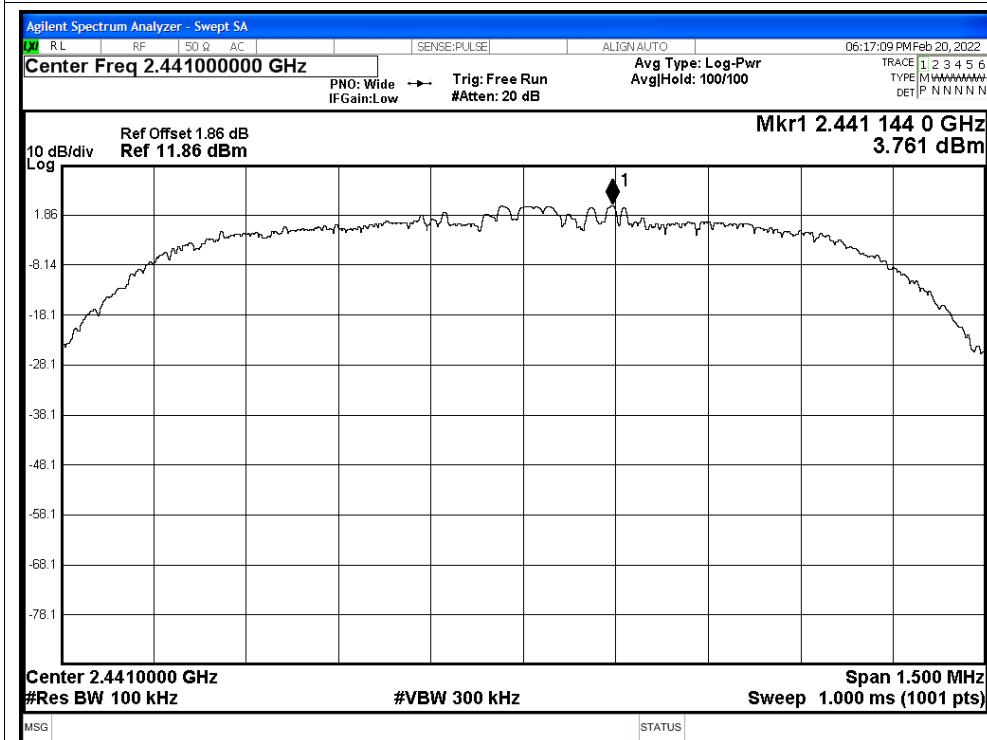


Tx. Spurious NVNT 2-DH5 2402MHz Ant Emission

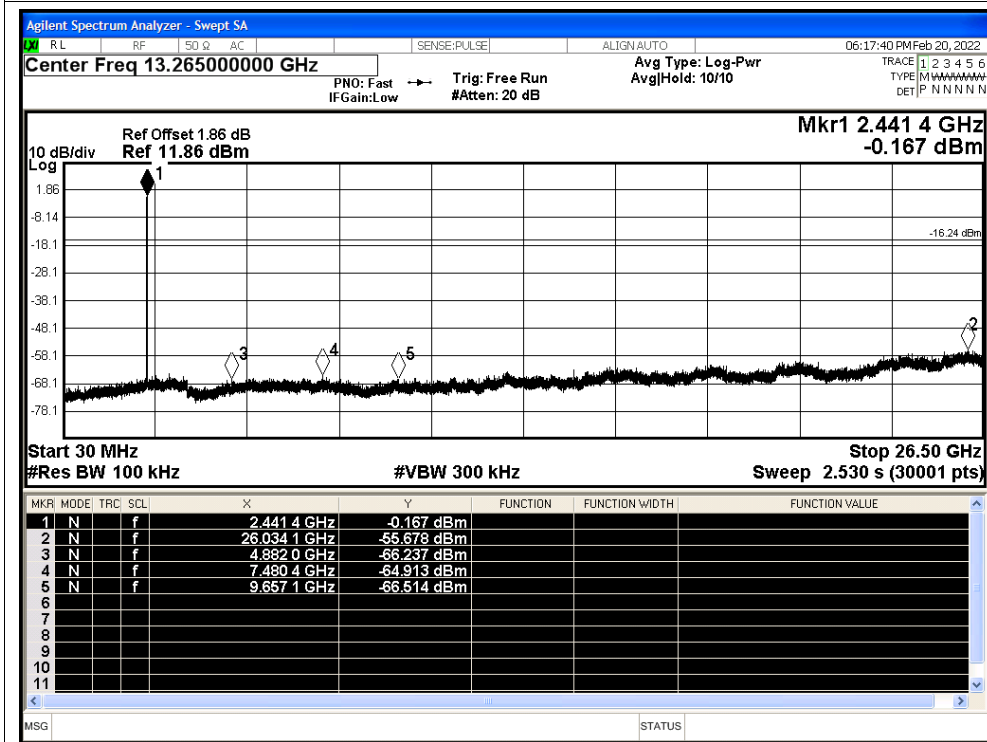




Tx. Spurious NVNT 2-DH5 2441MHz Ant Ref

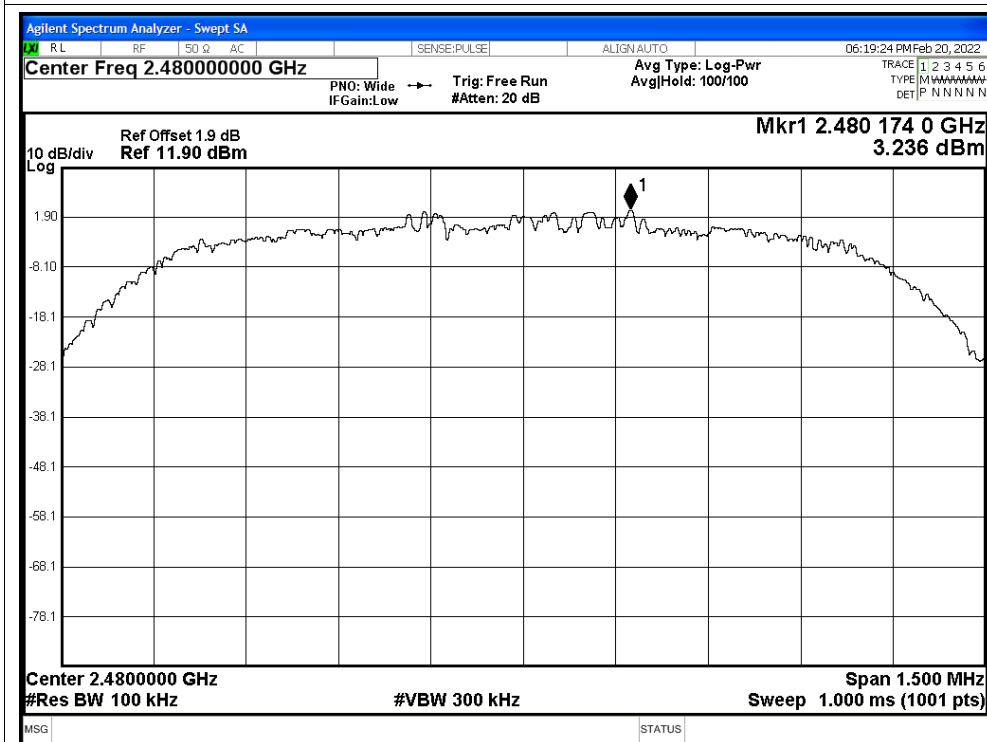


Tx. Spurious NVNT 2-DH5 2441MHz Ant Emission

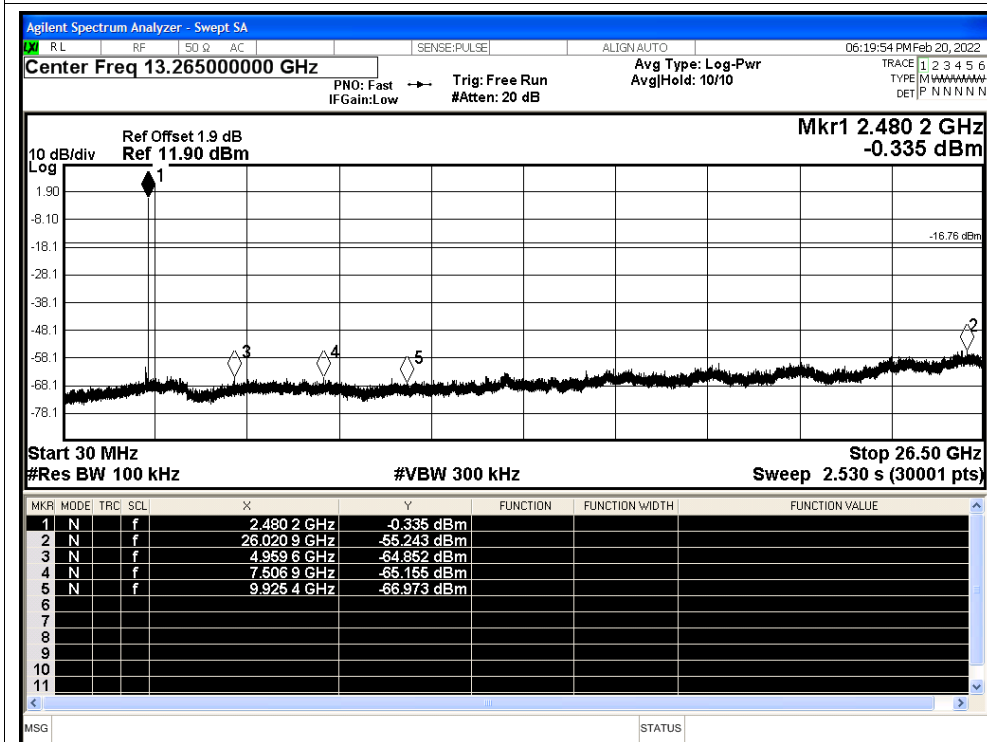




Tx. Spurious NVNT 2-DH5 2480MHz Ant Ref

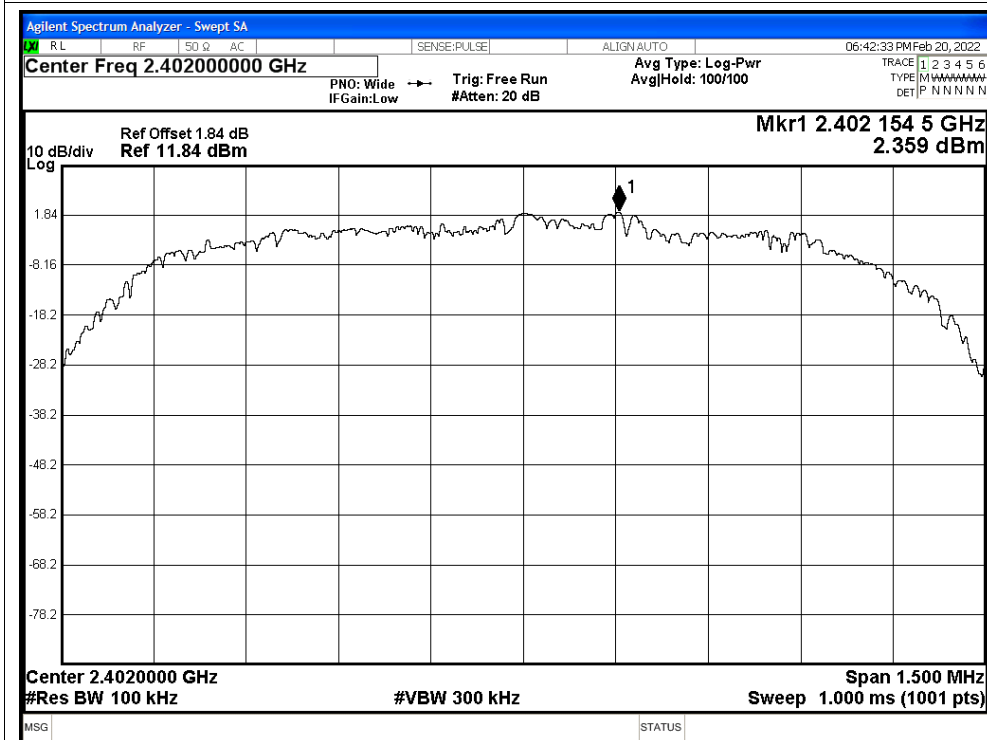


Tx. Spurious NVNT 2-DH5 2480MHz Ant Emission

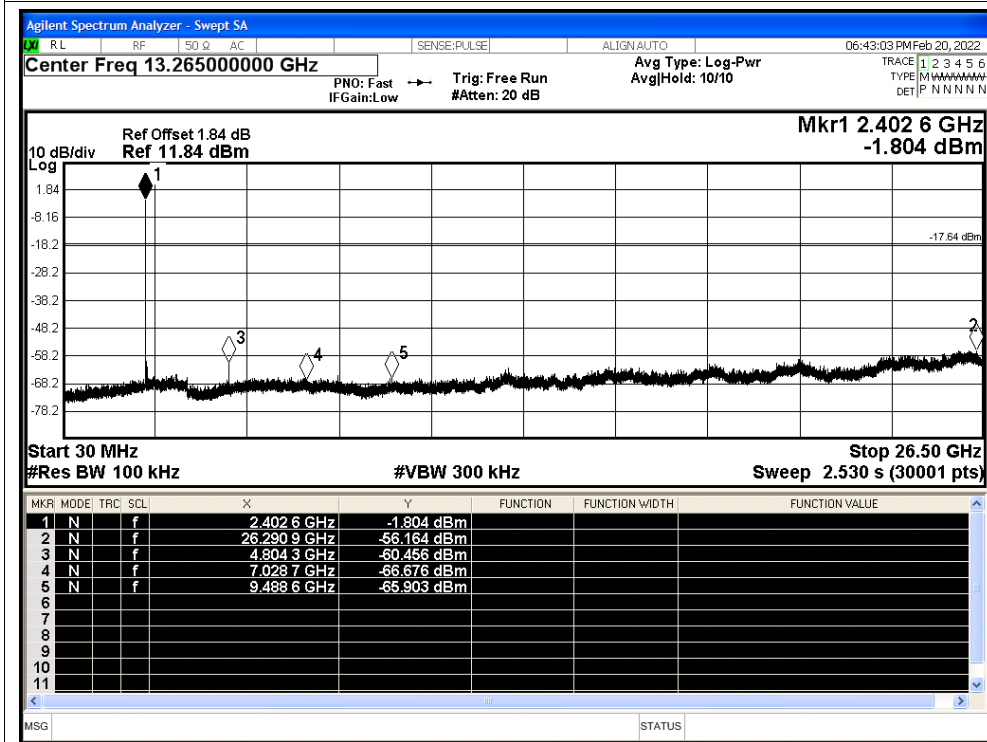




Tx. Spurious NVNT 3-DH5 2402MHz Ant Ref

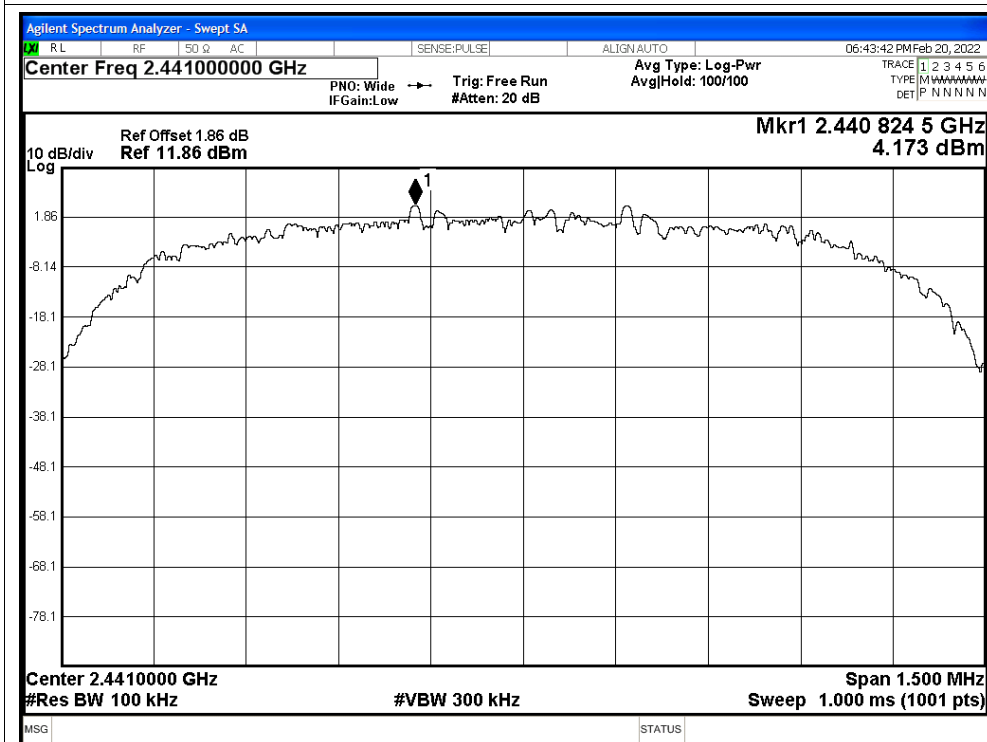


Tx. Spurious NVNT 3-DH5 2402MHz Ant Emission

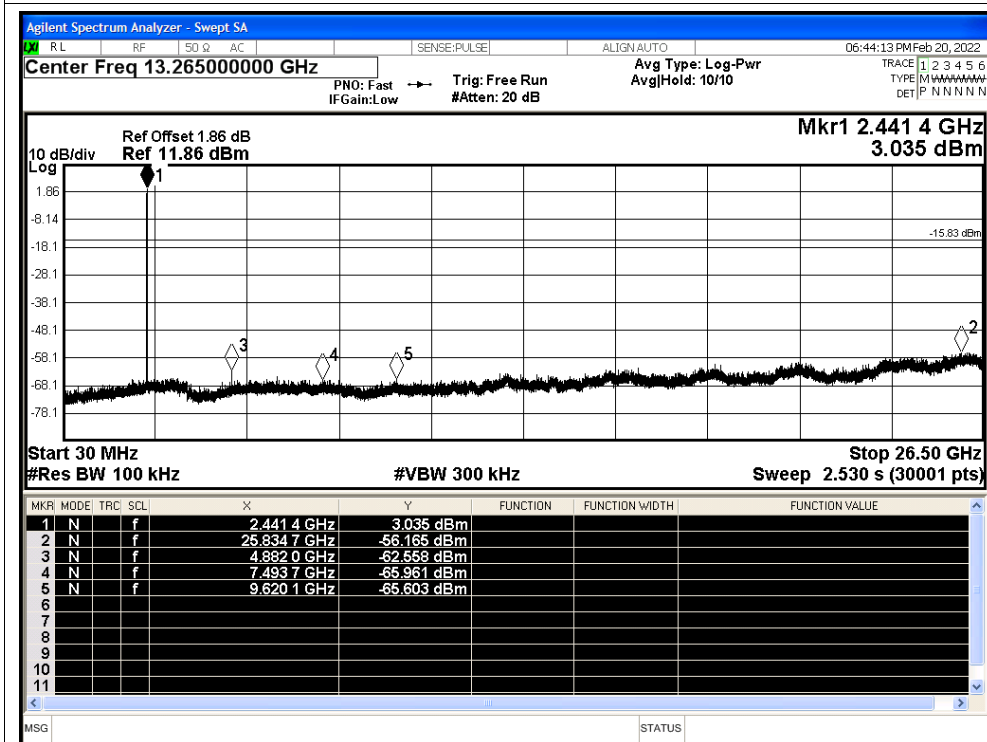




Tx. Spurious NVNT 3-DH5 2441MHz Ant Ref

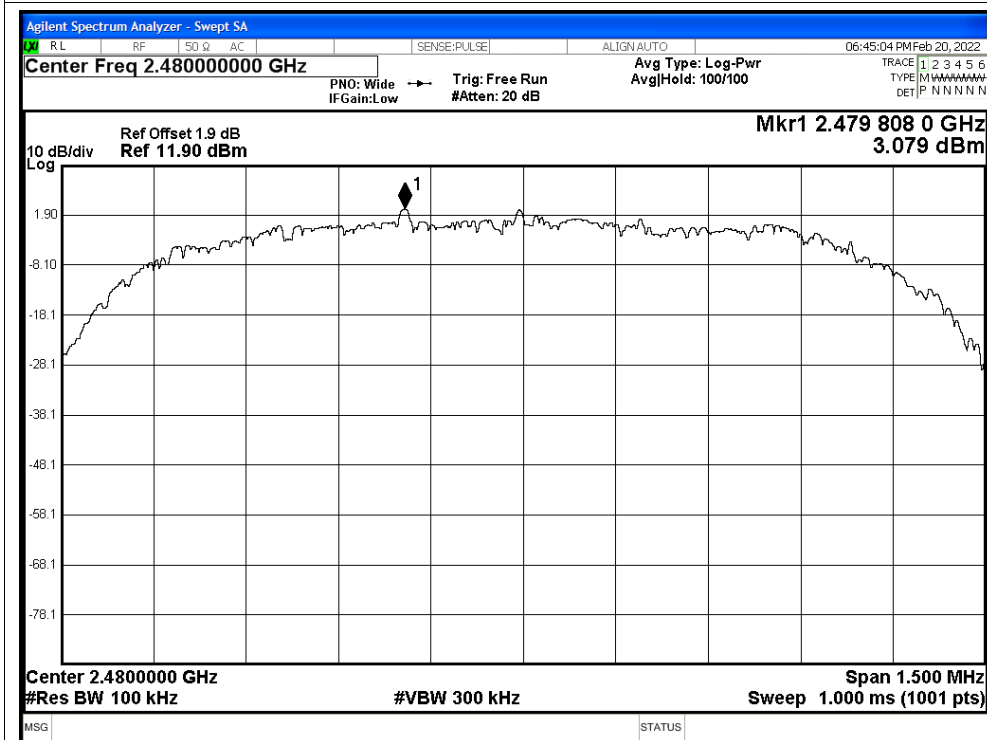


Tx. Spurious NVNT 3-DH5 2441MHz Ant Emission

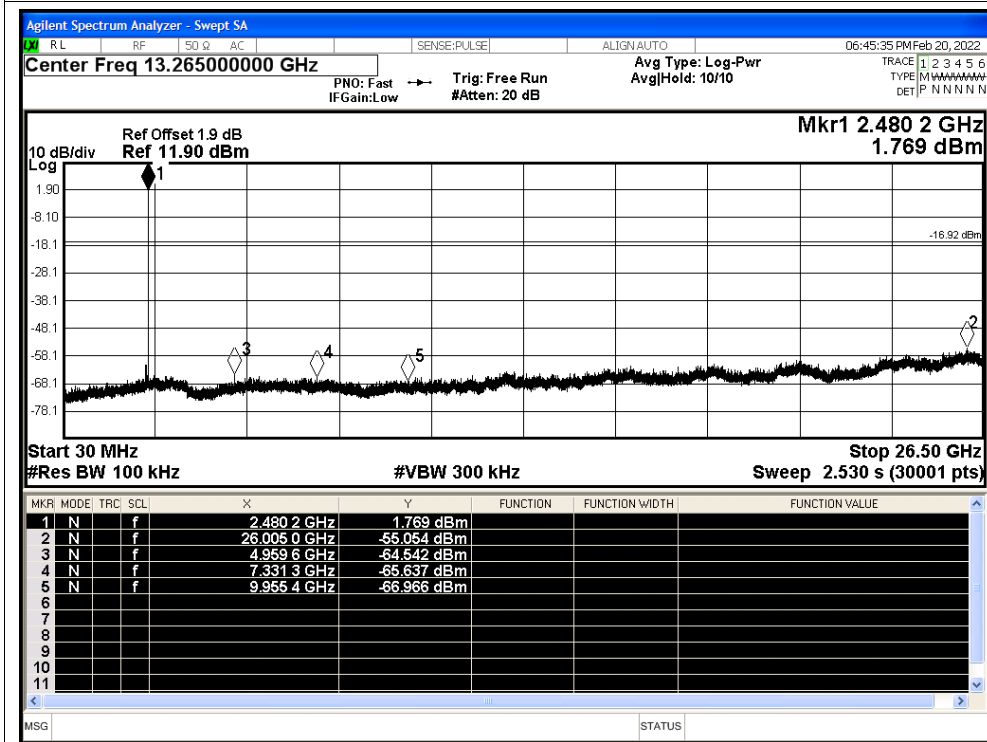




Tx. Spurious NVNT 3-DH5 2480MHz Ant Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant Emission





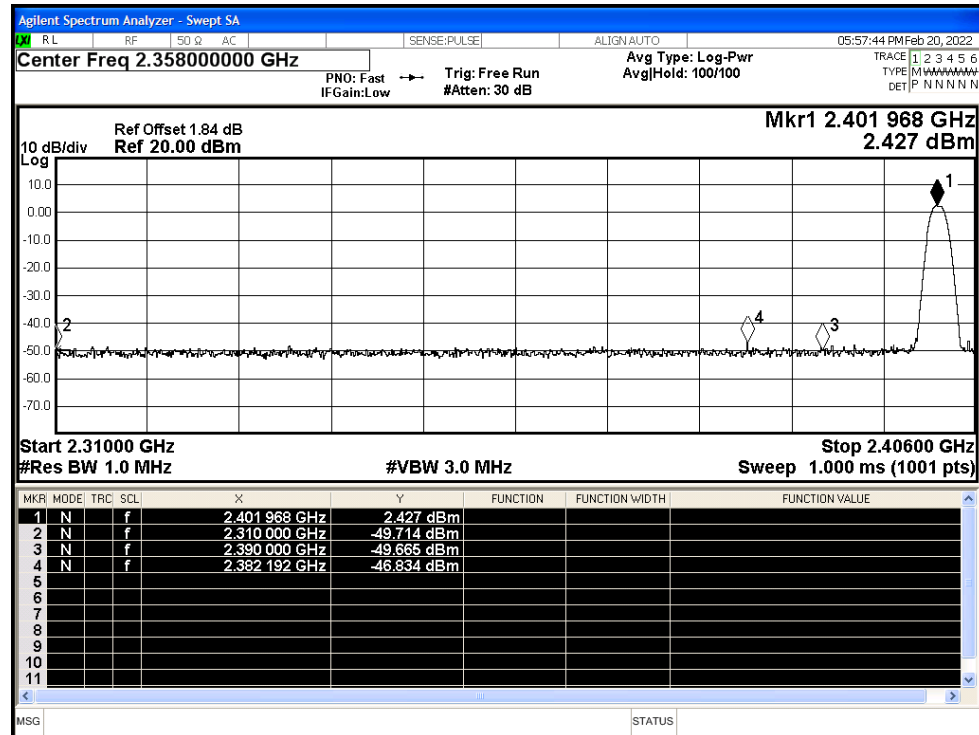
A.8 Emissions at Restricted Band

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	Ant	No-Hopping	2310	-49.71	2	47.55	Peak	74	Pass
NVNT	1-DH5	2402	Ant	No-Hopping	2310	-60.53	2	36.73	Average	54	Pass
NVNT	1-DH5	2402	Ant	No-Hopping	2382.192	-46.83	2	50.43	Peak	74	Pass
NVNT	1-DH5	2402	Ant	No-Hopping	2385.744	-60.2	2	37.06	Average	54	Pass
NVNT	1-DH5	2402	Ant	No-Hopping	2390	-49.59	2	47.67	Peak	74	Pass
NVNT	1-DH5	2402	Ant	No-Hopping	2390	-60.4	2	36.86	Average	54	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	2483.5	-49.87	2	47.39	Peak	74	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	2483.5	-58.8	2	38.46	Average	54	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	2487.088	-46.93	2	50.33	Peak	74	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	2483.512	-58.8	2	38.46	Average	54	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	2500	-49.37	2	47.89	Peak	74	Pass
NVNT	1-DH5	2480	Ant	No-Hopping	2500	-60.06	2	37.2	Average	54	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	2310	-51.2	2	46.06	Peak	74	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	2310	-60.59	2	36.67	Average	54	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	2383.152	-47.82	2	49.44	Peak	74	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	2389.584	-60.15	2	37.11	Average	54	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	2390	-50.05	2	47.21	Peak	74	Pass
NVNT	2-DH5	2402	Ant	No-Hopping	2390	-60.17	2	37.09	Average	54	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	2483.5	-49.36	2	47.9	Peak	74	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	2483.5	-57.94	2	39.32	Average	54	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	2484.208	-47.24	2	50.02	Peak	74	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	2483.512	-57.94	2	39.32	Average	54	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	2500	-50.98	2	46.28	Peak	74	Pass
NVNT	2-DH5	2480	Ant	No-Hopping	2500	-59.89	2	37.37	Average	54	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	2310	-49.16	2	48.1	Peak	74	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	2310	-60.78	2	36.48	Average	54	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	2324.304	-48.24	2	49.02	Peak	74	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	2389.776	-60.07	2	37.19	Average	54	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	2390	-50.08	2	47.18	Peak	74	Pass
NVNT	3-DH5	2402	Ant	No-Hopping	2390	-60.34	2	36.92	Average	54	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	2483.5	-46.16	2	51.1	Peak	74	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	2483.5	-57.59	2	39.67	Average	54	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	2483.968	-45.79	2	51.47	Peak	74	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	2483.512	-57.59	2	39.67	Average	54	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	2500	-51.35	2	45.91	Peak	74	Pass
NVNT	3-DH5	2480	Ant	No-Hopping	2500	-60.12	2	37.14	Average	54	Pass

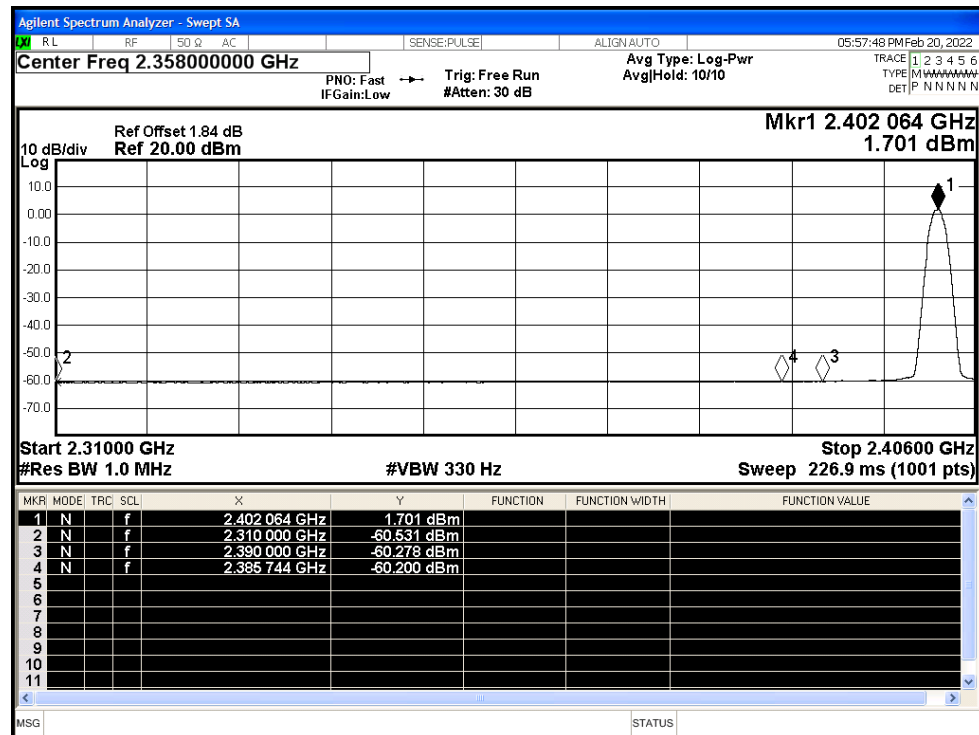


Test Graphs

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

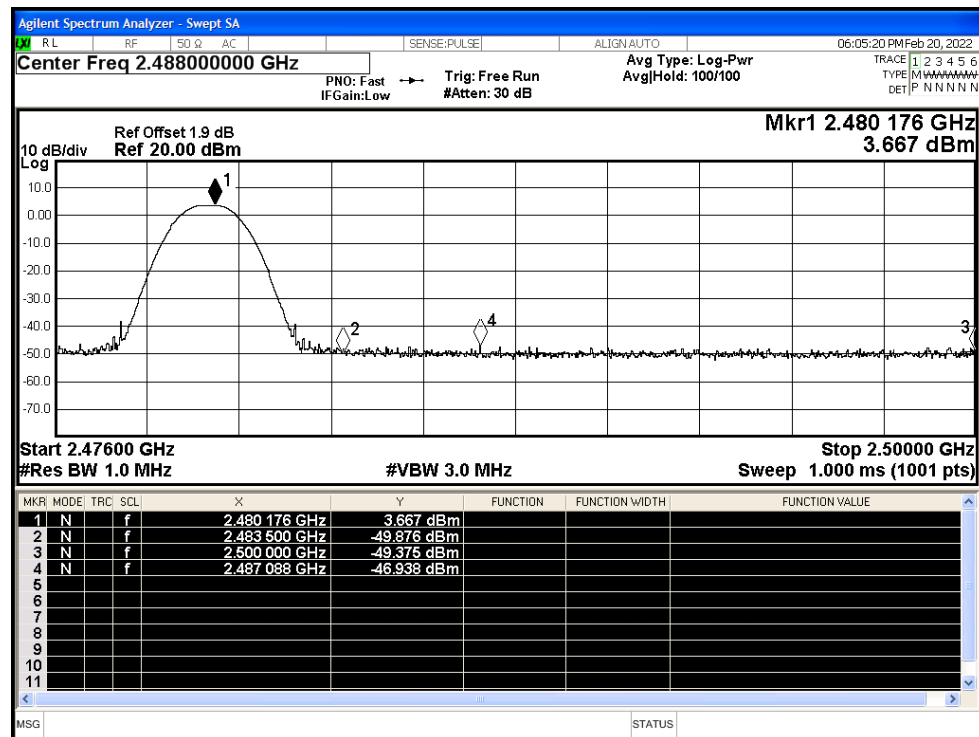


Restrict Band NVNT 1-DH5 2402MHz Ant No-Hopping Average

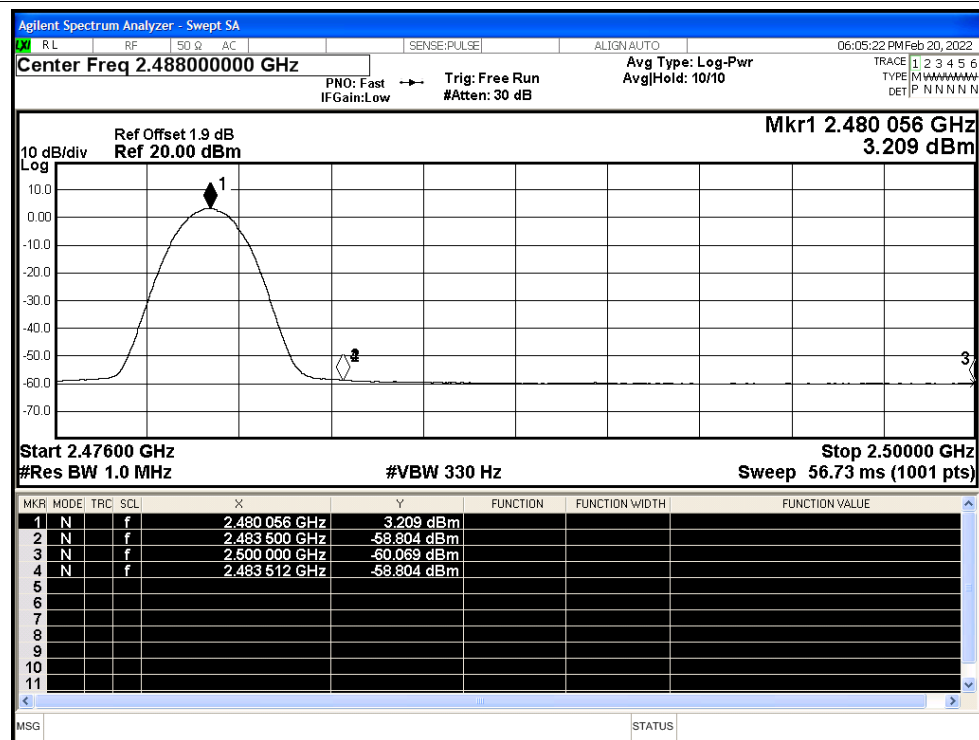




Restrict Band NVNT 1-DH5 2480MHz Ant No-Hopping Peak

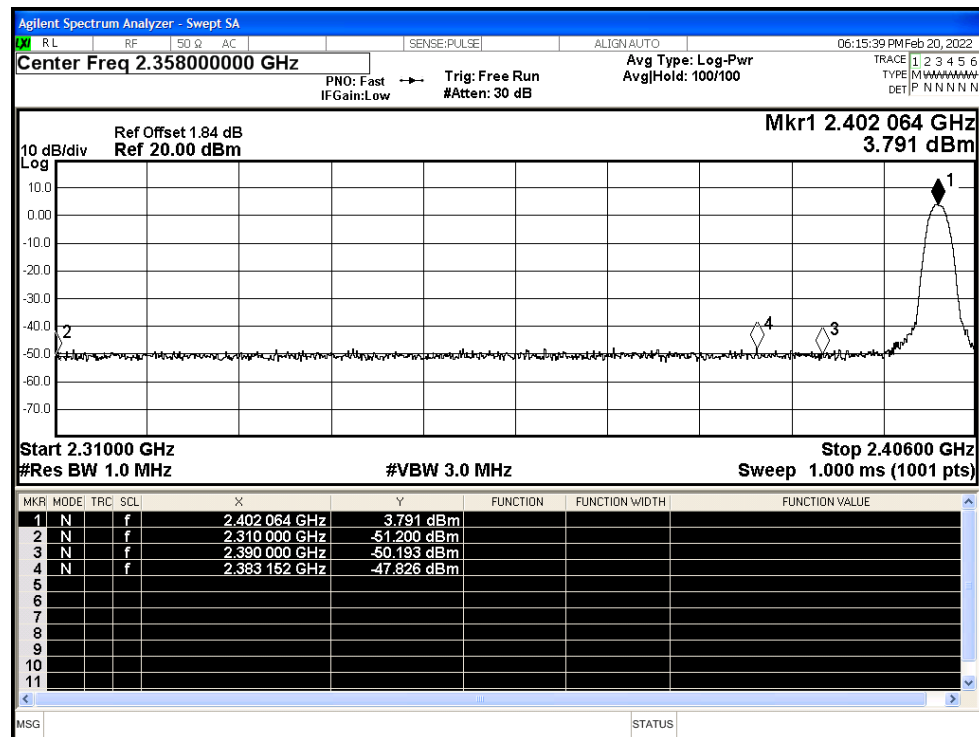


Restrict Band NVNT 1-DH5 2480MHz Ant No-Hopping Average

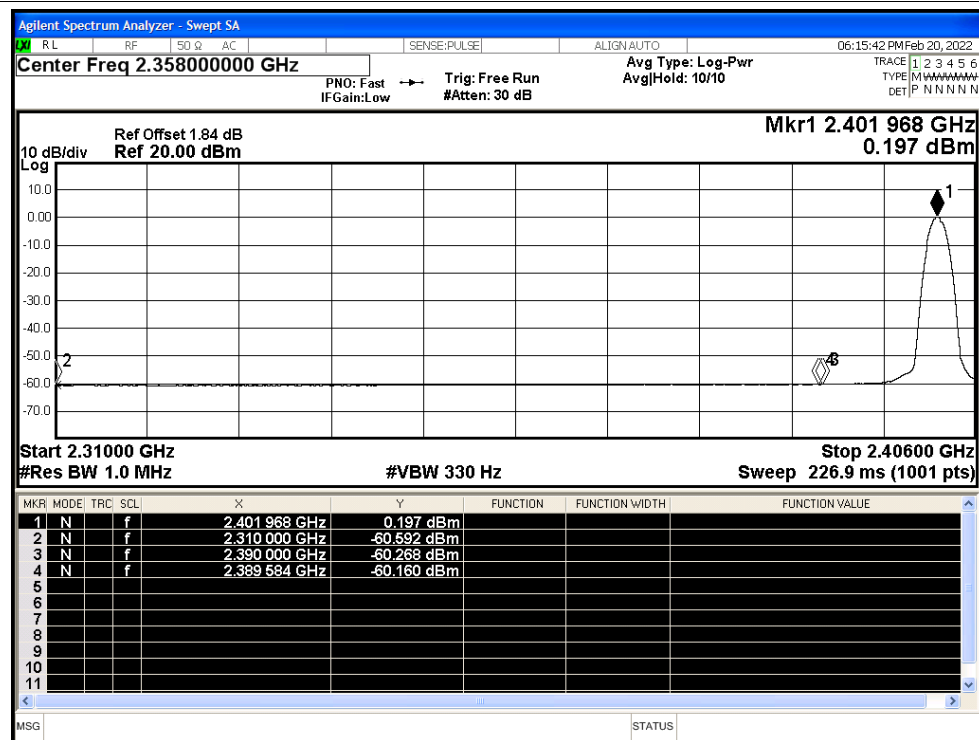




Restrict Band NVNT 2-DH5 2402MHz Ant No-Hopping Peak

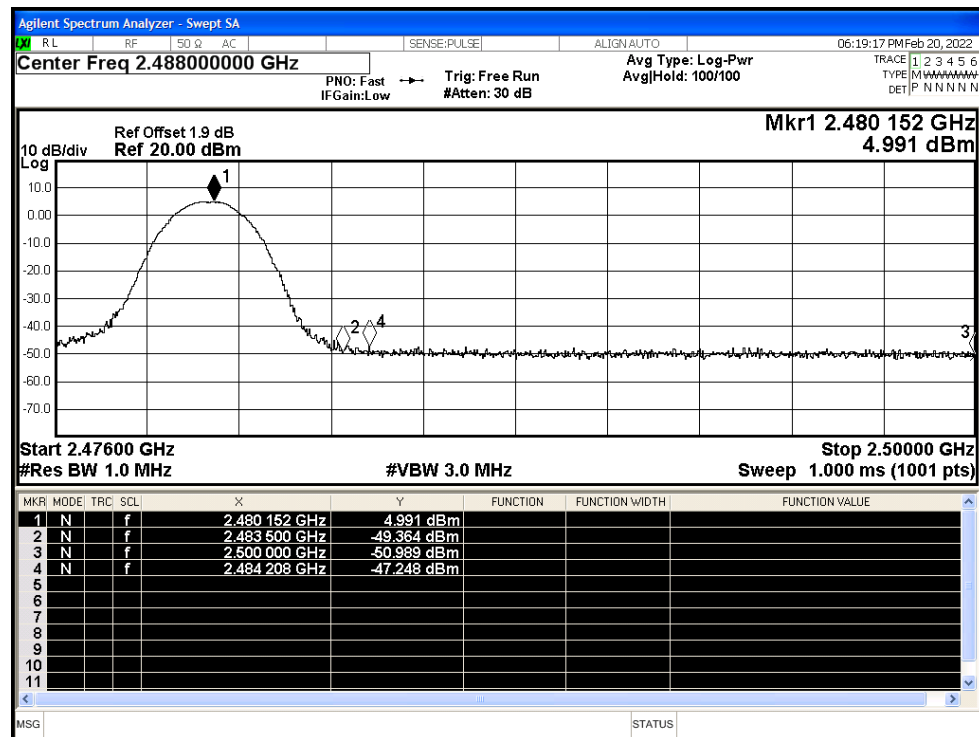


Restrict Band NVNT 2-DH5 2402MHz Ant No-Hopping Average

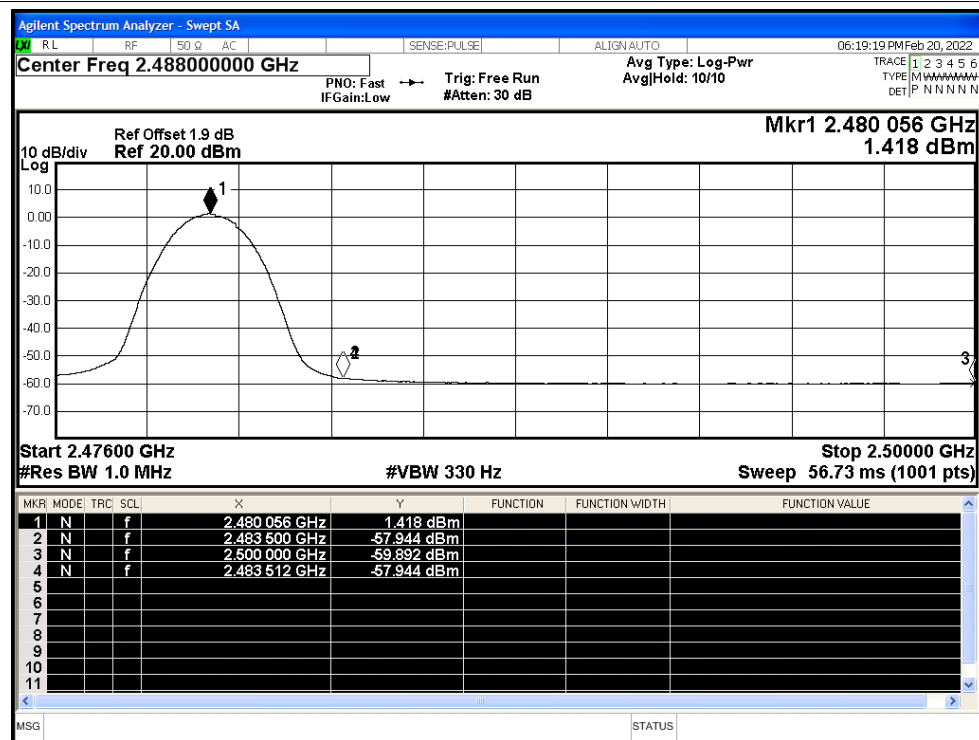




Restrict Band NVNT 2-DH5 2480MHz Ant No-Hopping Peak

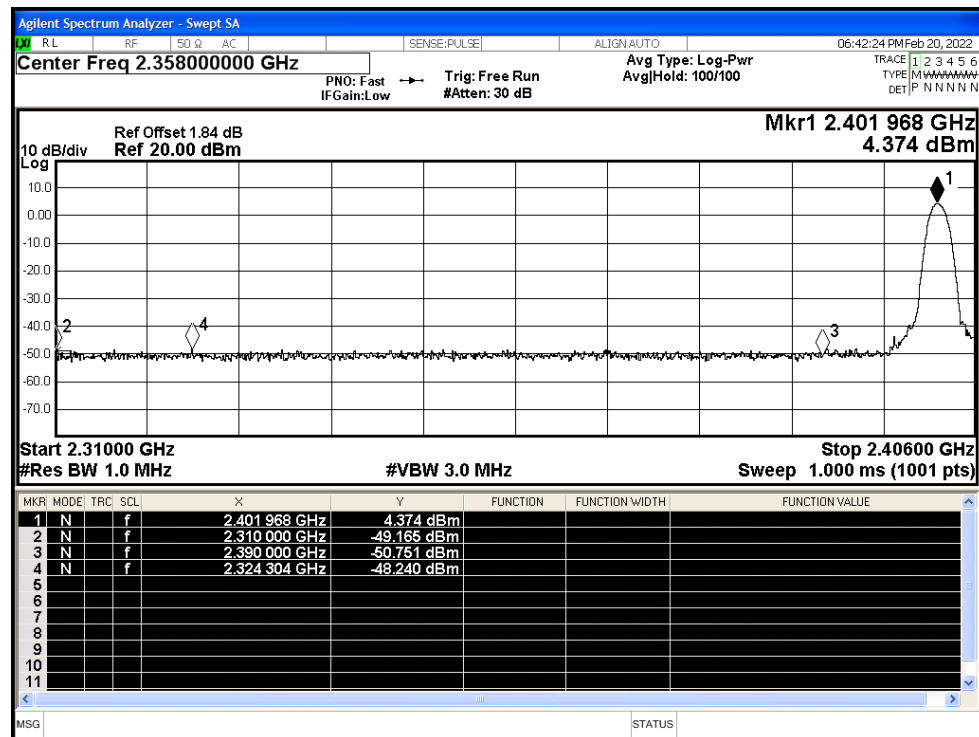


Restrict Band NVNT 2-DH5 2480MHz Ant No-Hopping Average

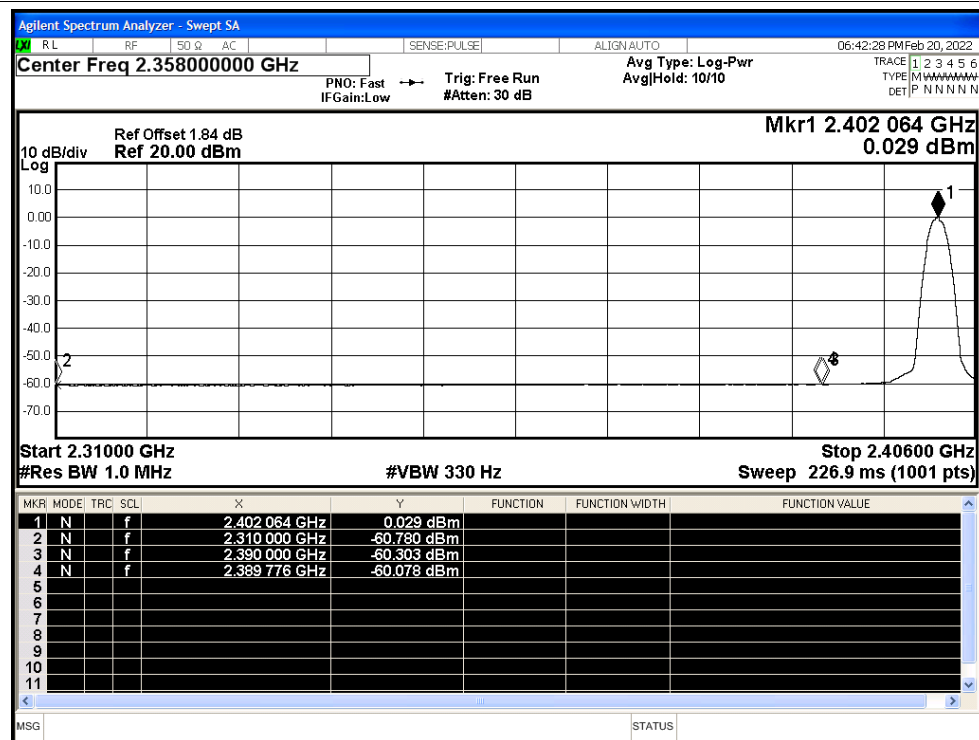




Restrict Band NVNT 3-DH5 2402MHz Ant No-Hopping Peak

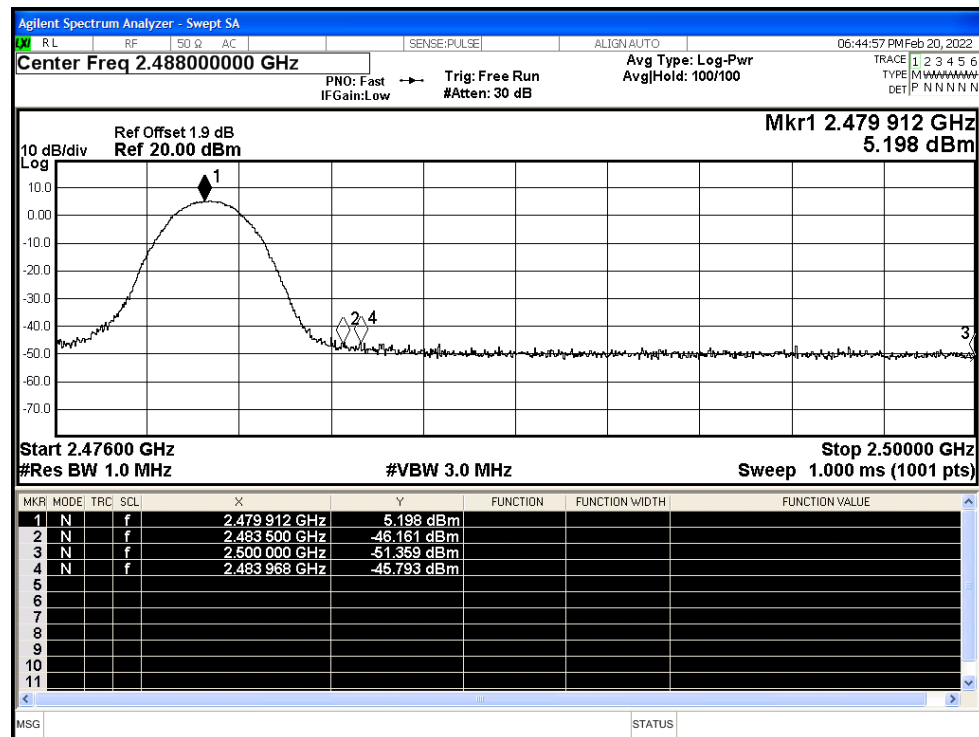


Restrict Band NVNT 3-DH5 2402MHz Ant No-Hopping Average





Restrict Band NVNT 3-DH5 2480MHz Ant No-Hopping Peak



Restrict Band NVNT 3-DH5 2480MHz Ant No-Hopping Average

