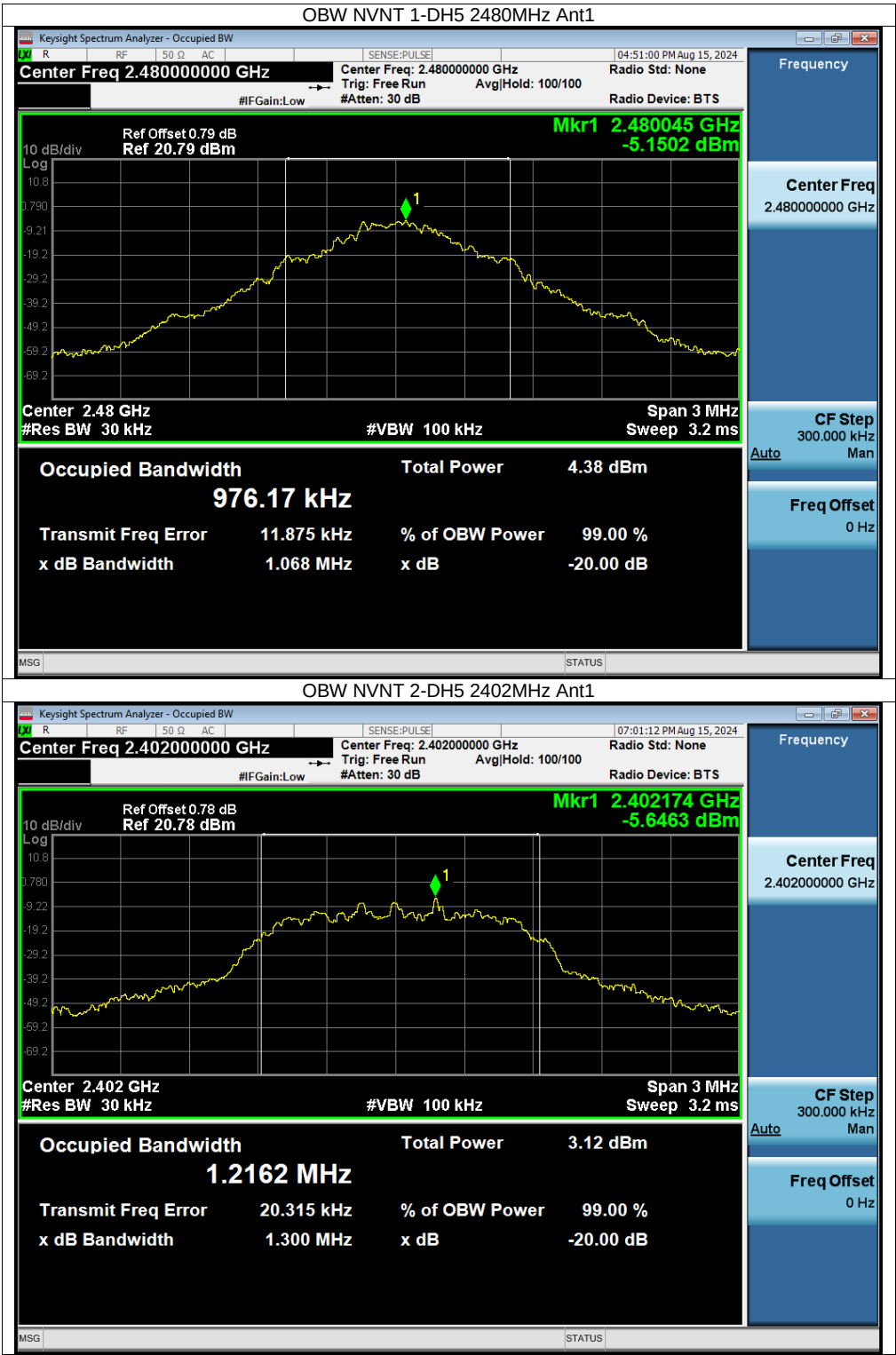




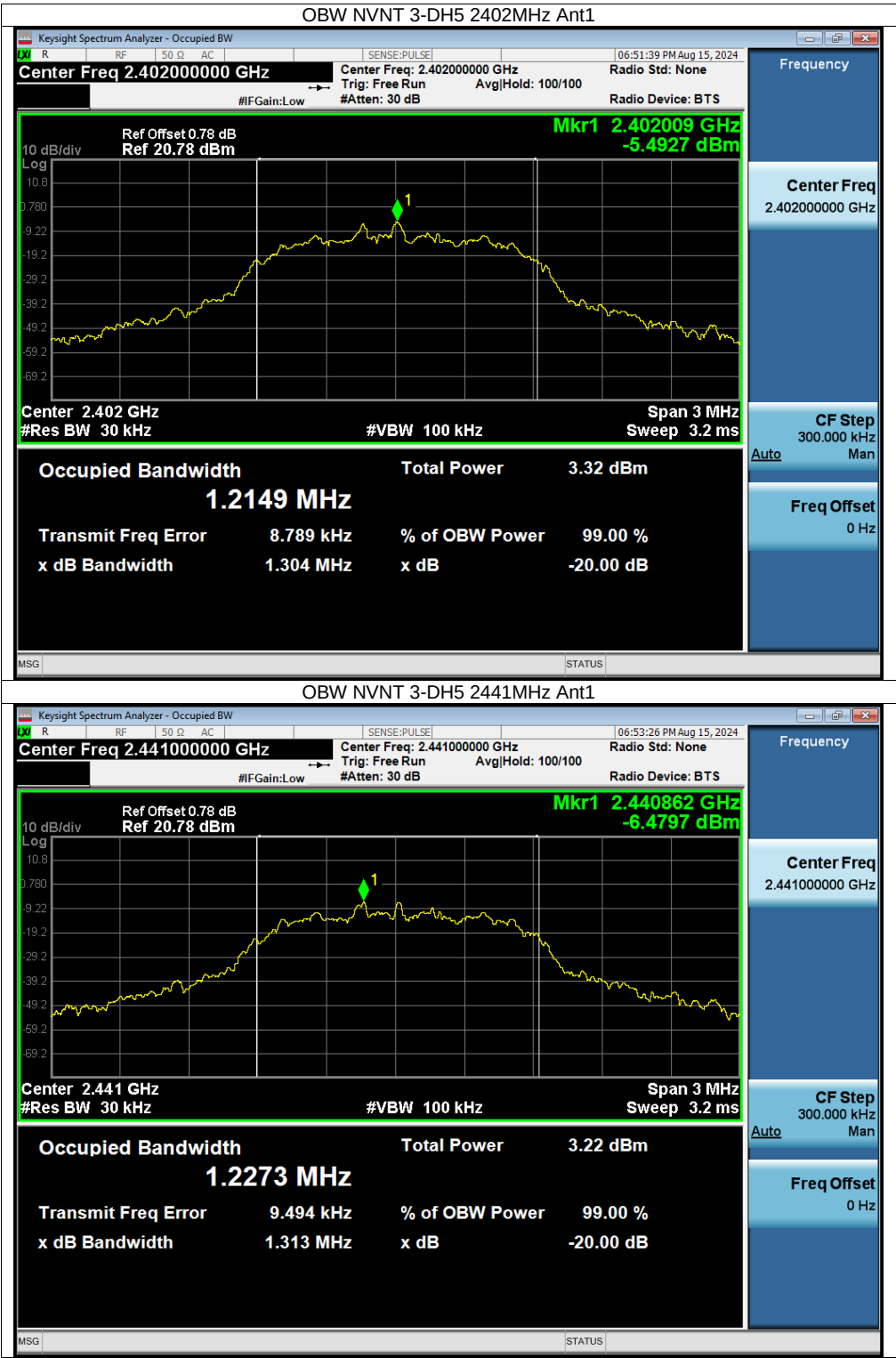
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.936
NVNT	1-DH5	2441	Ant1	0.964
NVNT	1-DH5	2480	Ant1	0.976
NVNT	2-DH5	2402	Ant1	1.216
NVNT	2-DH5	2441	Ant1	1.231
NVNT	2-DH5	2480	Ant1	1.254
NVNT	3-DH5	2402	Ant1	1.215
NVNT	3-DH5	2441	Ant1	1.227
NVNT	3-DH5	2480	Ant1	1.228





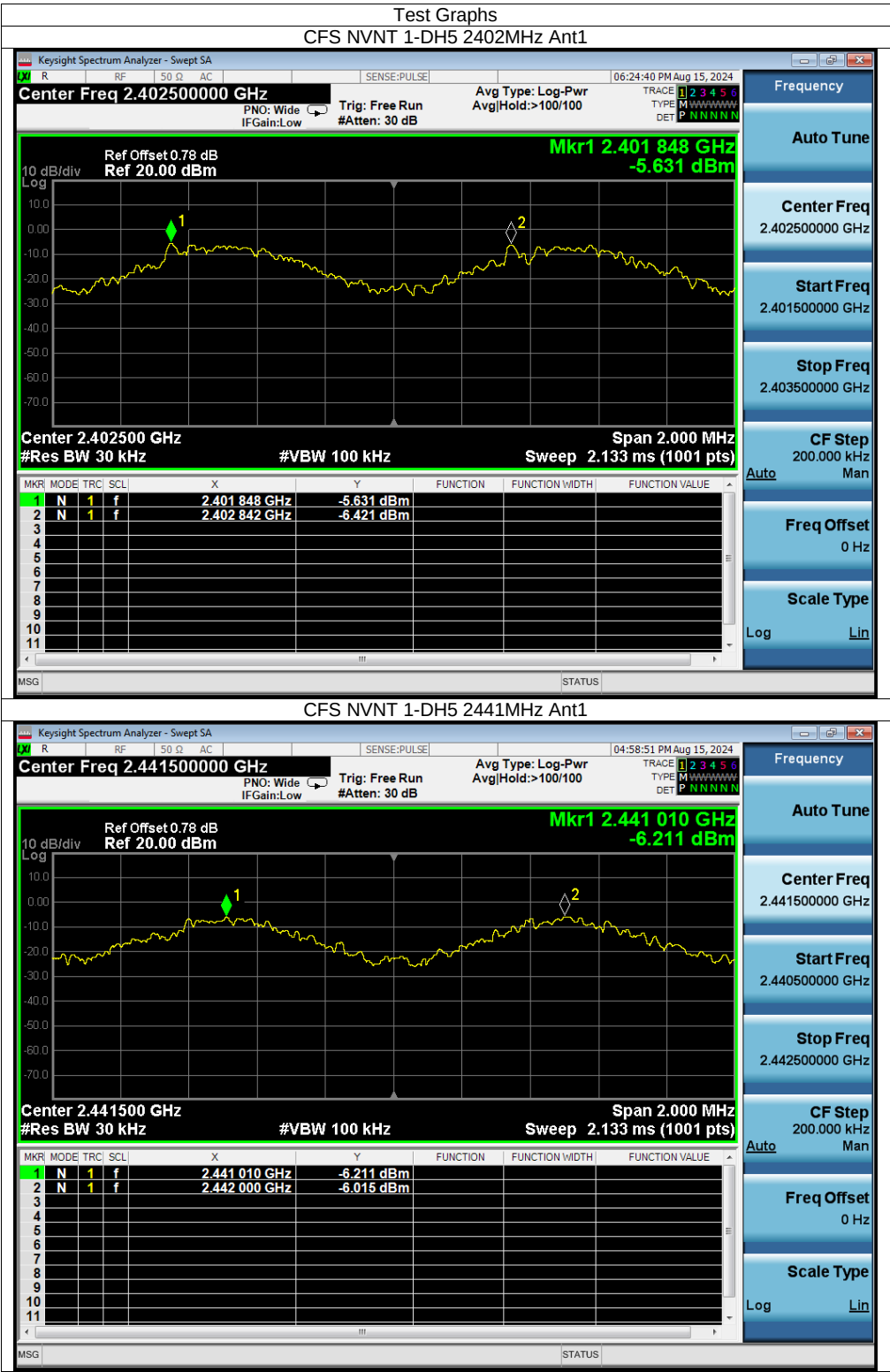


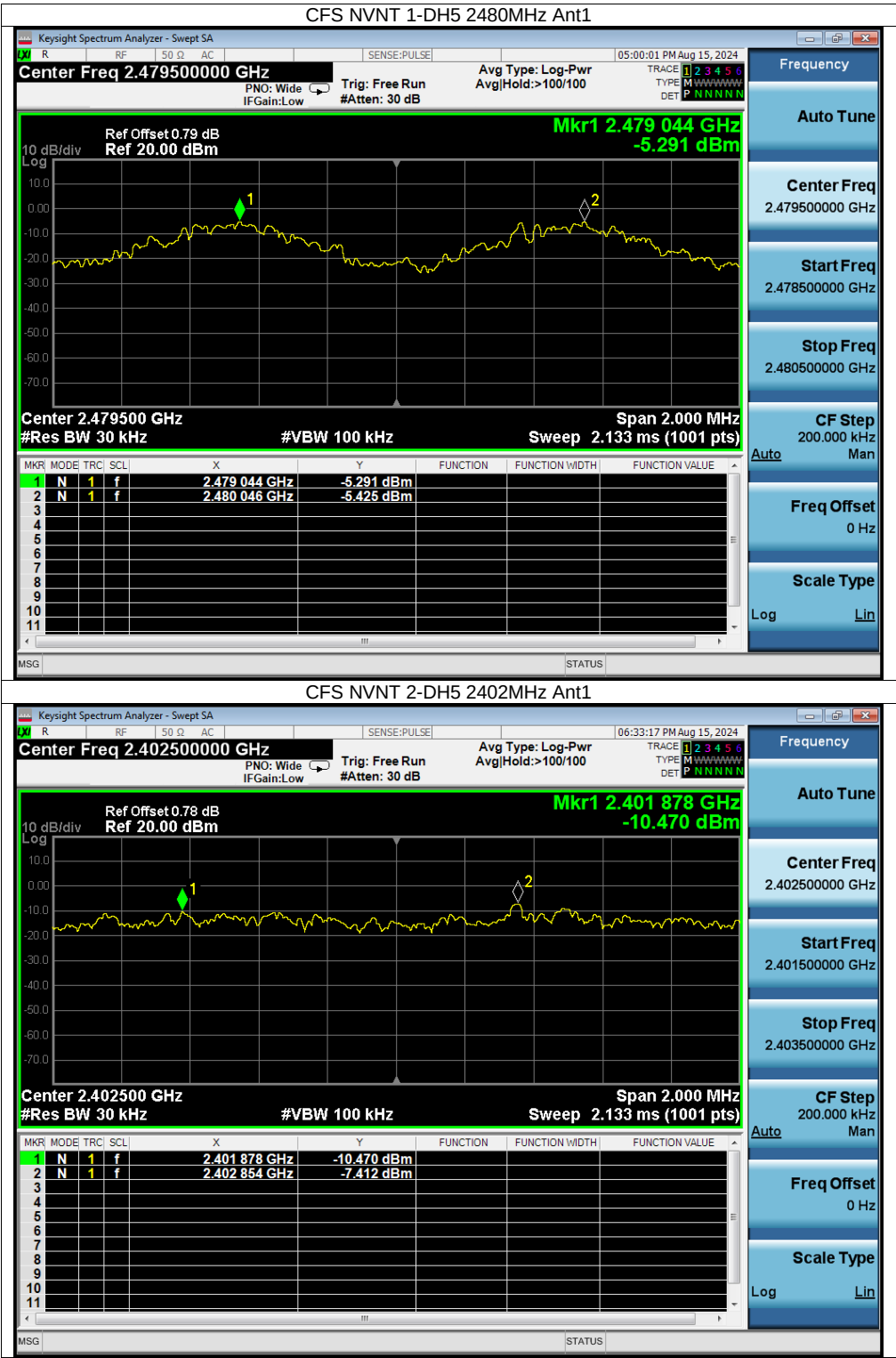


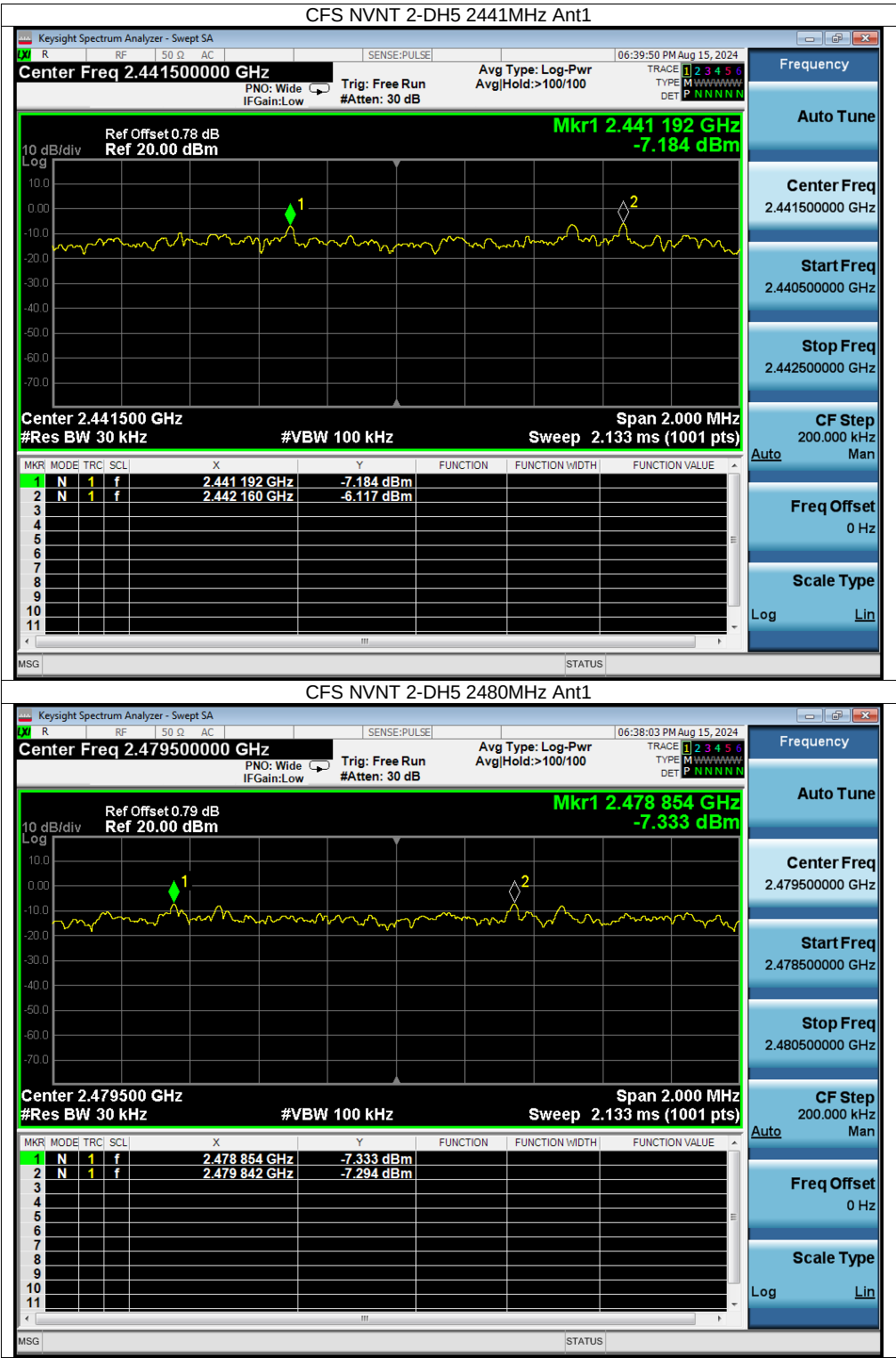


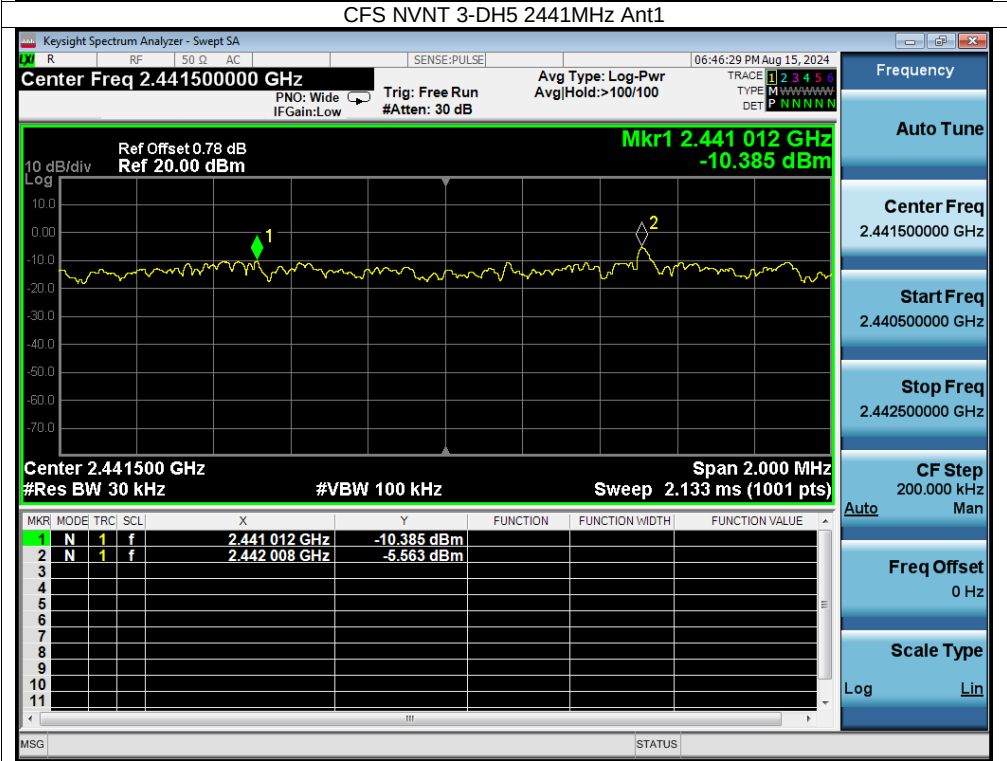
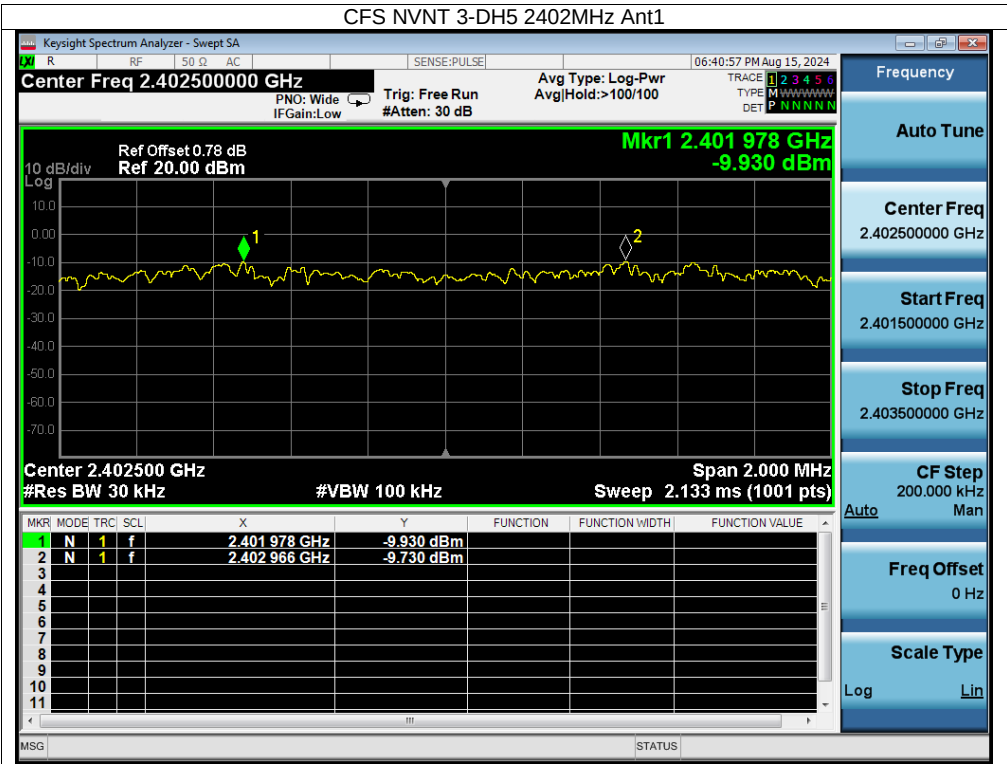
Carrier Frequencies Separation

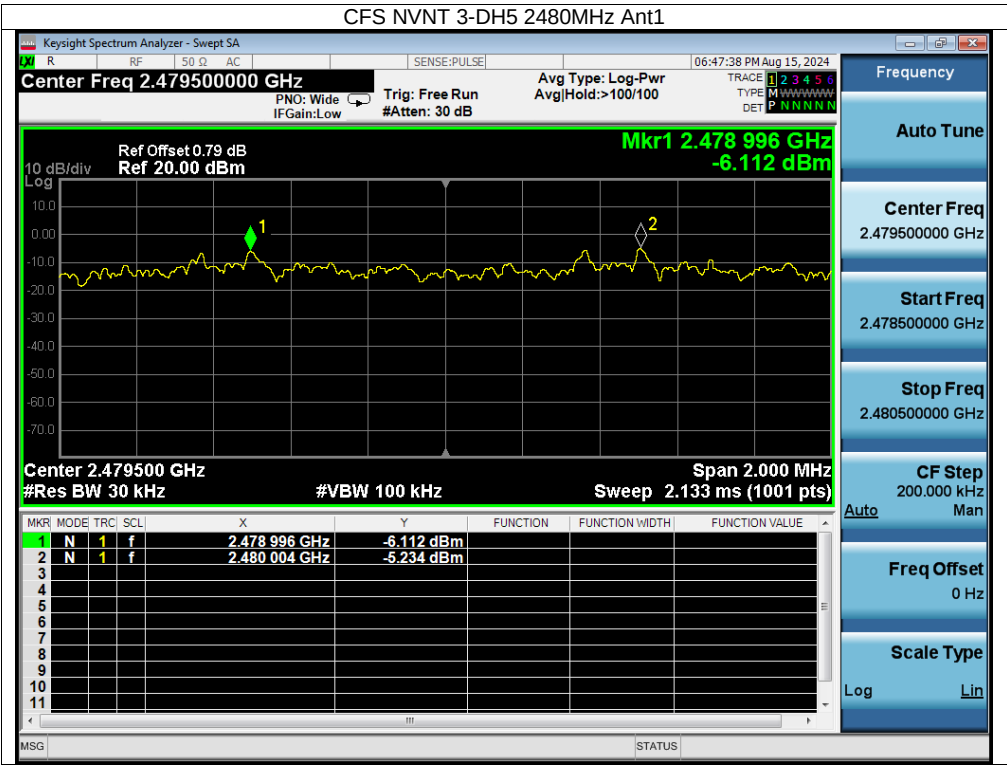
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.848	2402.842	0.994	0.700	Pass
NVNT	1-DH5	Ant1	2441.01	2442	0.99	0.707	Pass
NVNT	1-DH5	Ant1	2479.044	2480.046	1.002	0.707	Pass
NVNT	2-DH5	Ant1	2401.878	2402.854	0.976	0.907	Pass
NVNT	2-DH5	Ant1	2441.192	2442.16	0.968	0.873	Pass
NVNT	2-DH5	Ant1	2478.854	2479.842	0.988	0.893	Pass
NVNT	3-DH5	Ant1	2401.978	2402.966	0.988	0.860	Pass
NVNT	3-DH5	Ant1	2441.012	2442.008	0.996	0.867	Pass
NVNT	3-DH5	Ant1	2478.996	2480.004	1.008	0.867	Pass





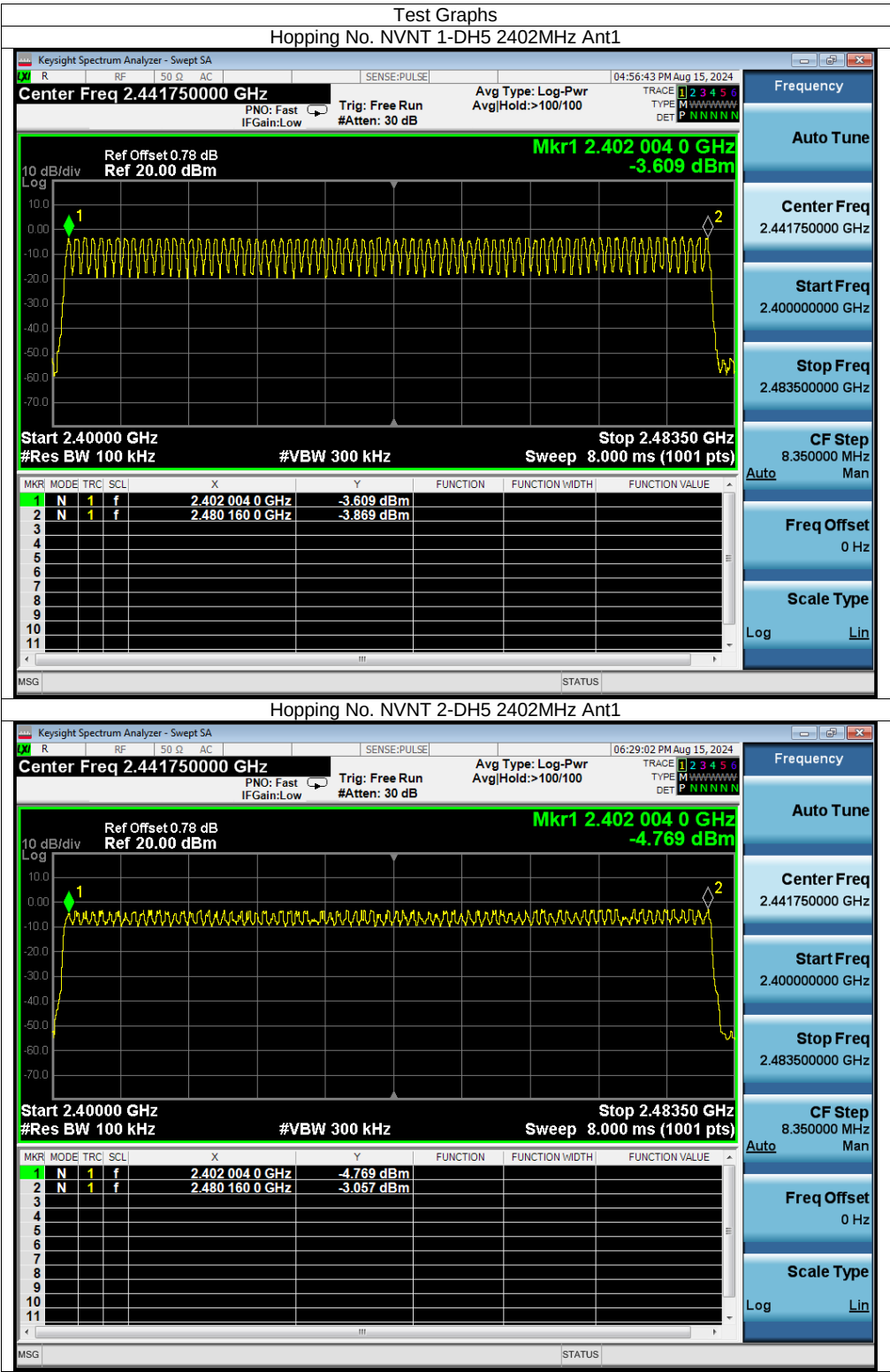


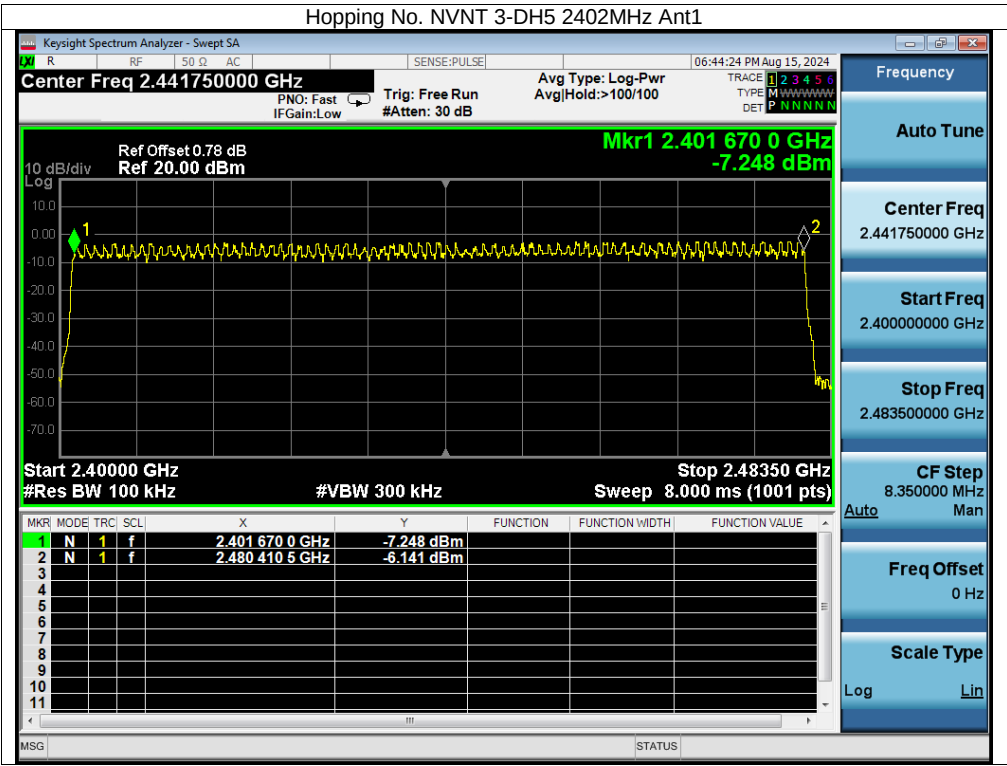




Number of Hopping Channel

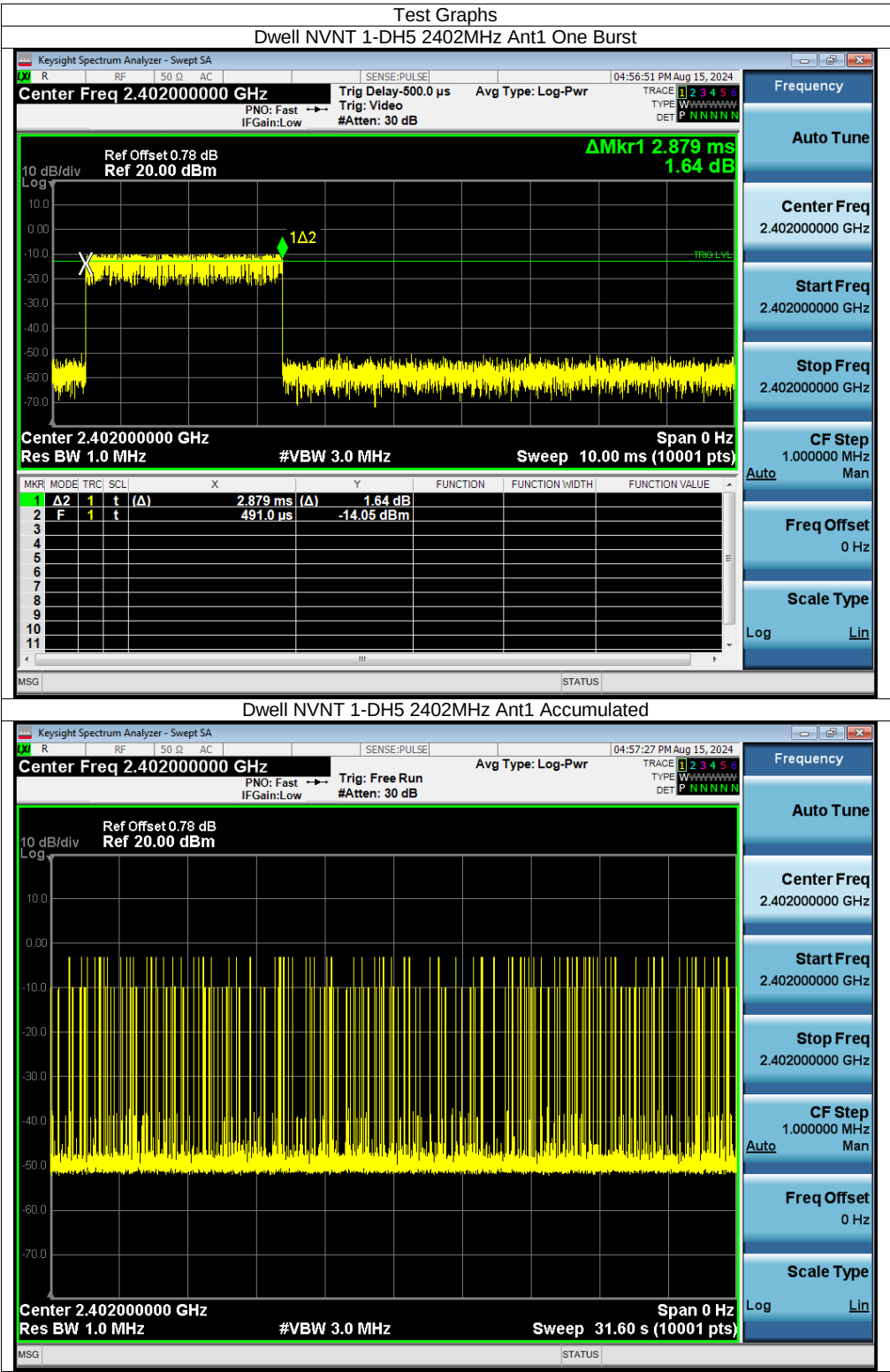
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

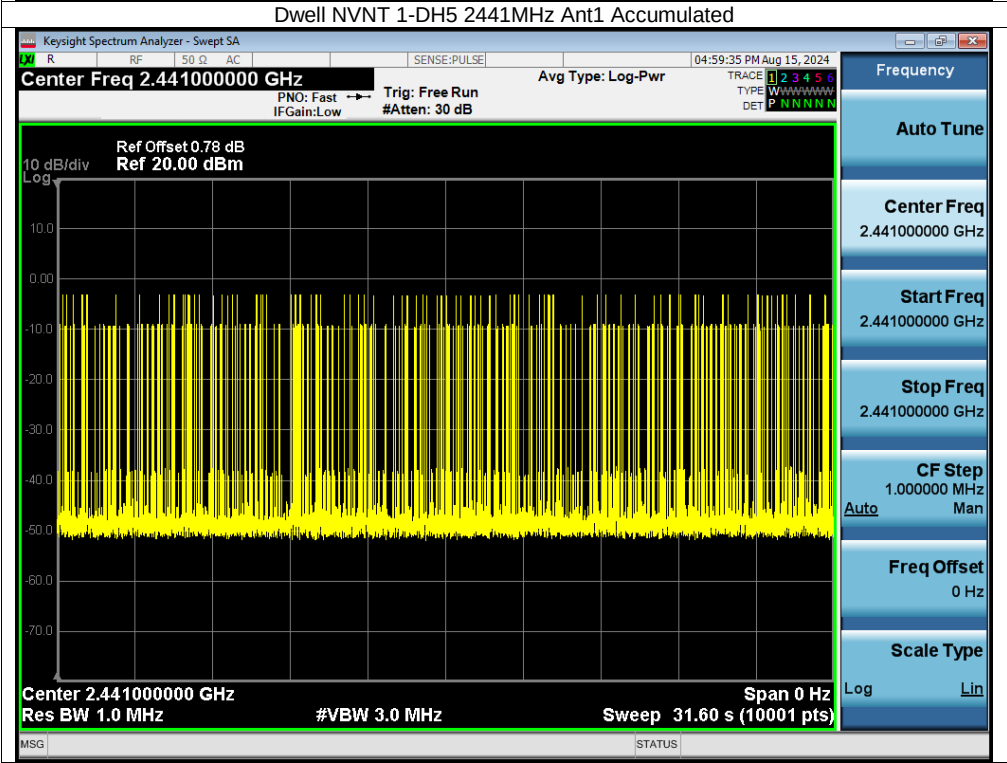
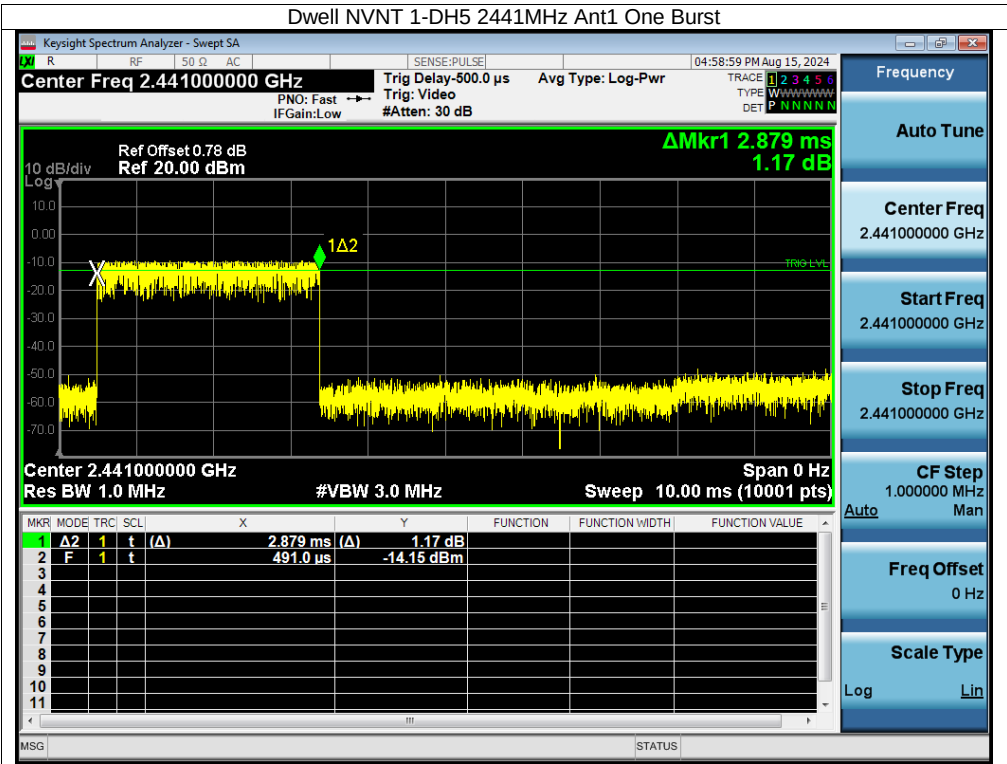


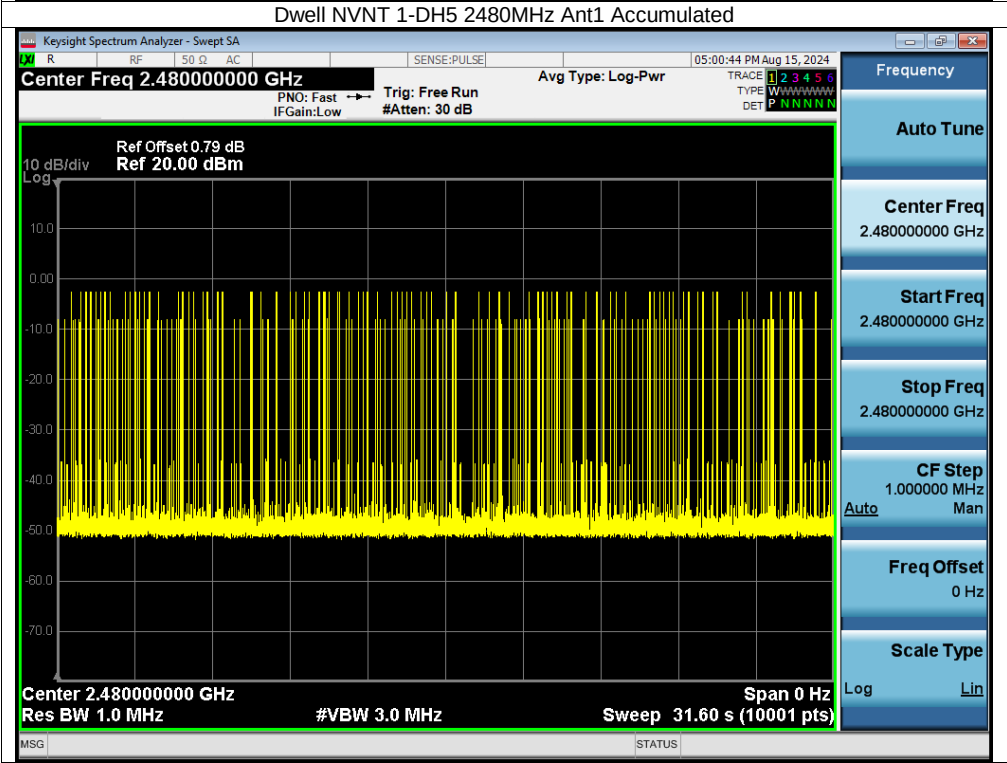
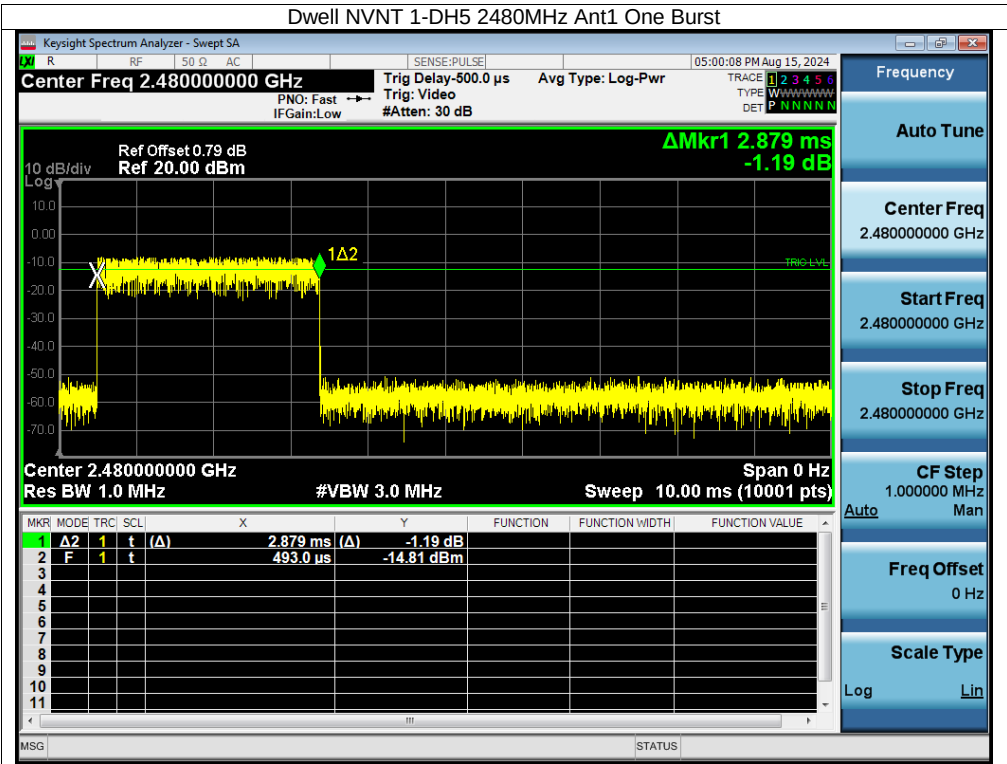


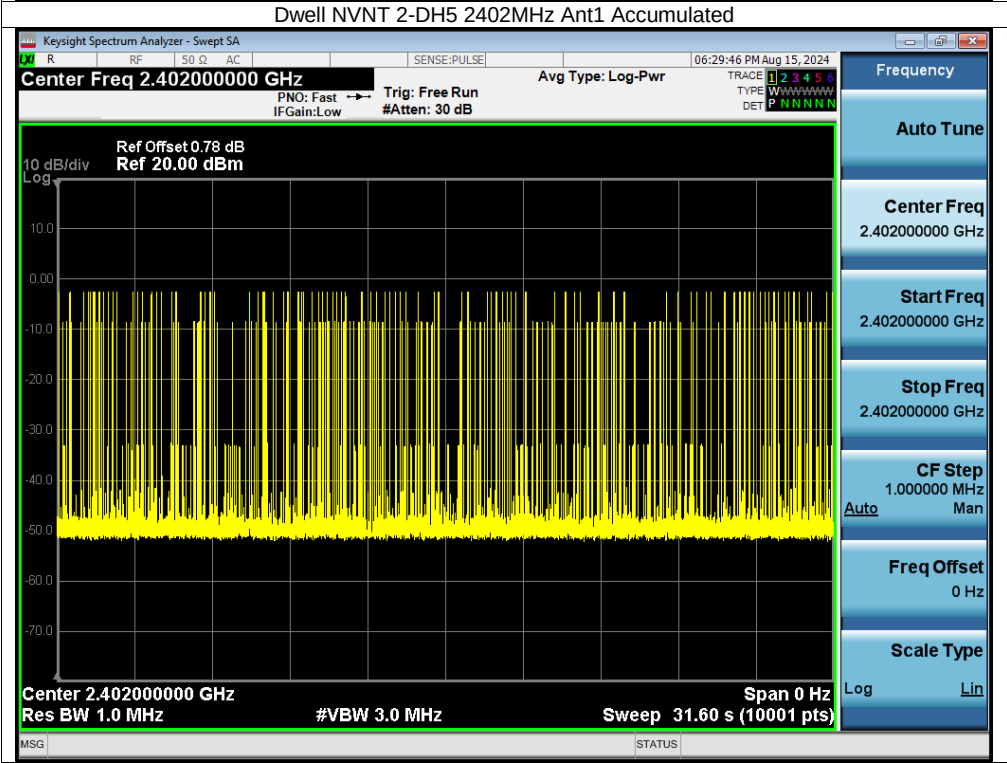
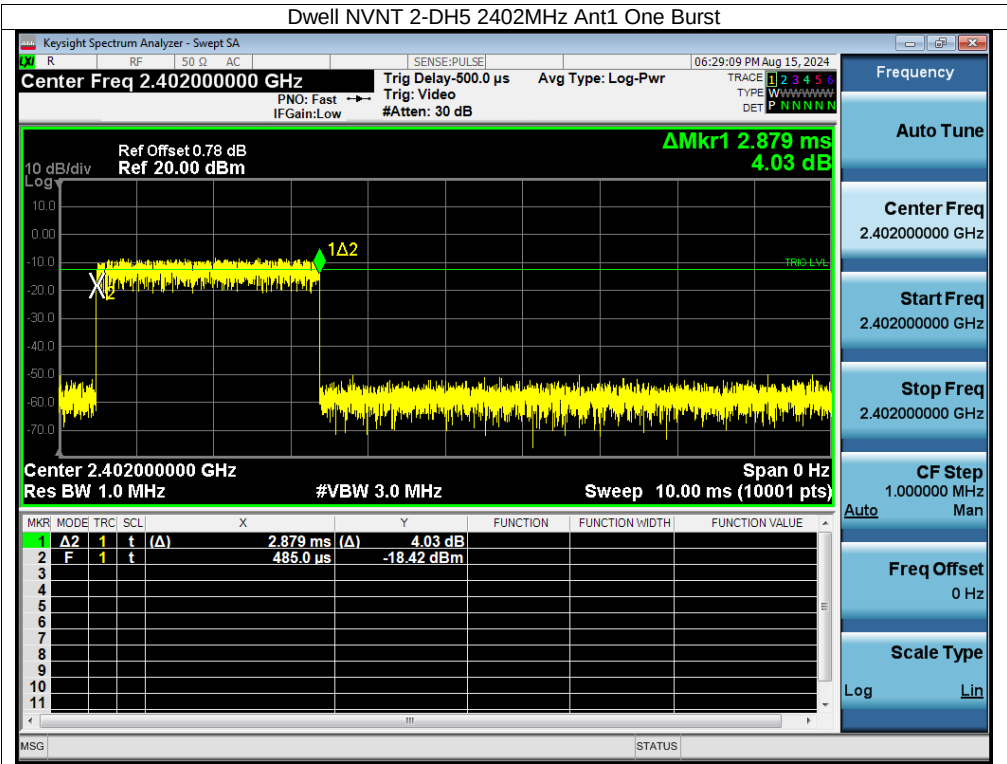
Dwell Time

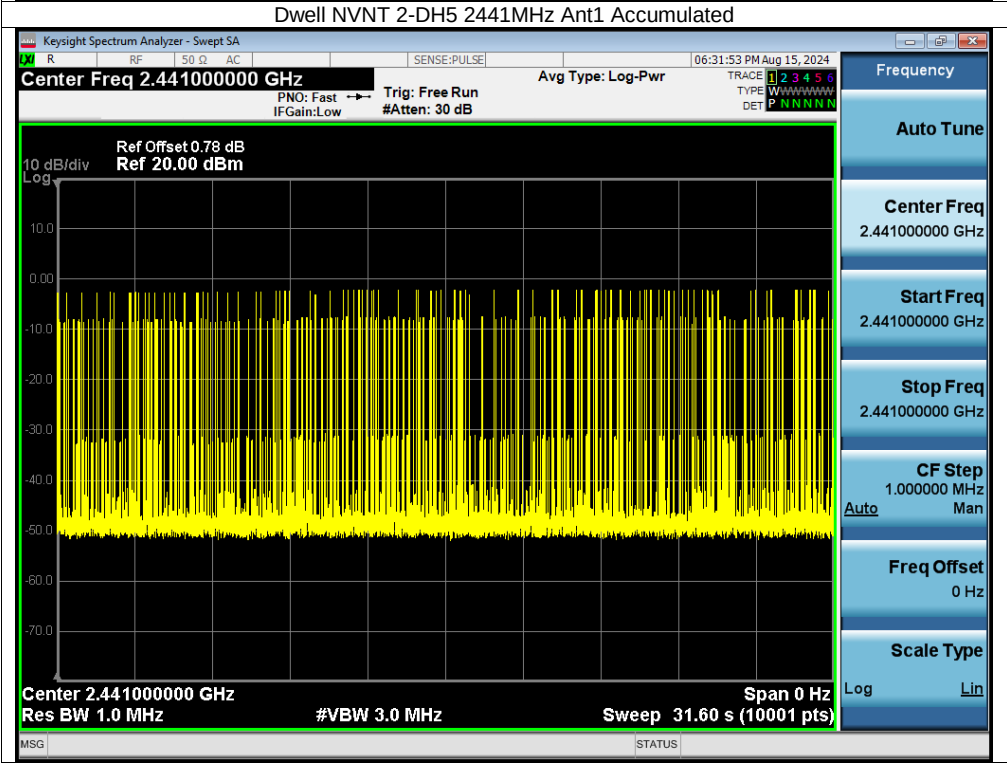
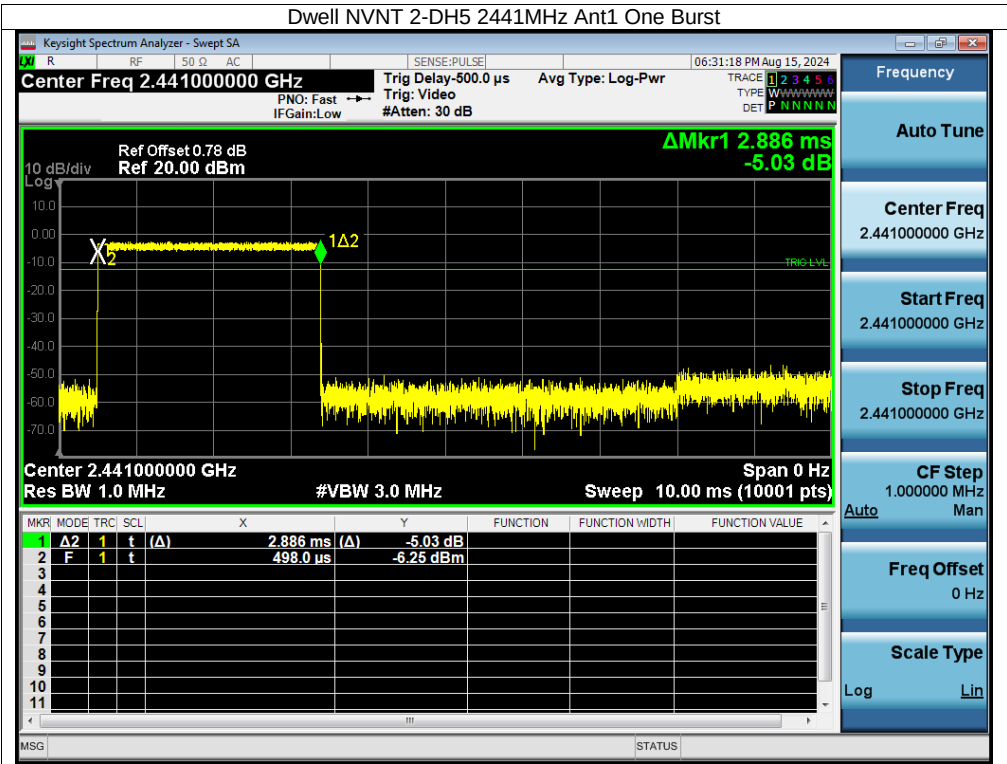
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.879	267.747	93	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.879	273.505	95	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.879	316.69	110	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.879	316.69	110	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.886	308.802	107	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.885	323.12	112	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.888	297.464	103	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.888	346.56	120	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.888	358.112	124	31600	400	Pass

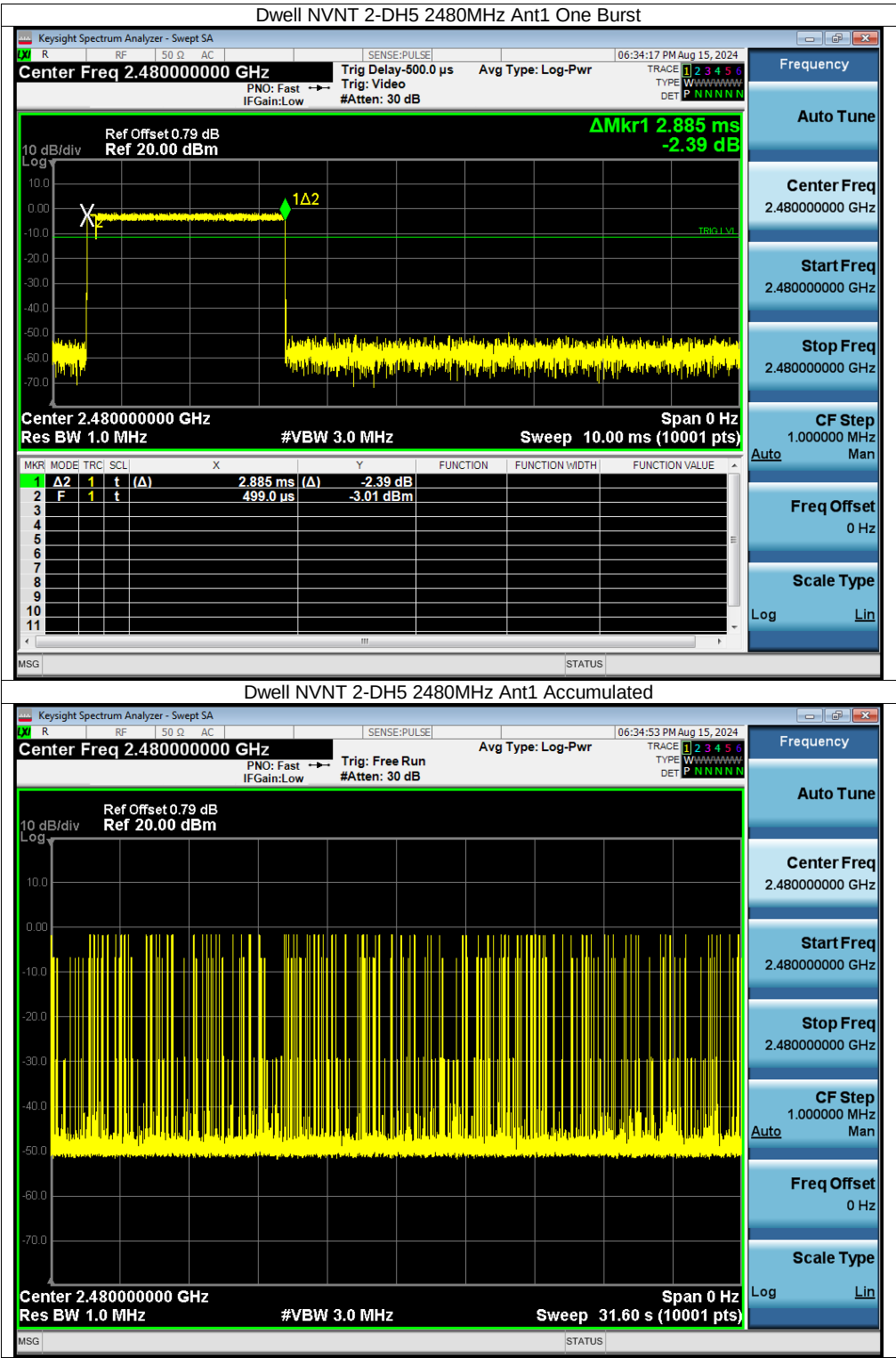












Dwell NVNT 2-DH5 2480MHz Ant1 Accumulated

Keysight Spectrum Analyzer - Swept SA

Center Freq 2.480000000 GHz

Trig: Free Run

Avg Type: Log-Pwr

Trig: Free Run

PNO: Fast

IFGain:Low

#Atten: 30 dB

06:34:53 PM Aug 15, 2024

TRACE 1 2 3 4 5 6

TYPE W W W W W W W W

DET P N N N N N

Ref Offset 0.79 dB

Ref 20.00 dBm

10 dB/div

Log

Center 2.480000000 GHz

Res BW 1.0 MHz

#VBW 3.0 MHz

Sweep 31.60 s (10001 pts)

Span 0 Hz

MSG

STATUS

Frequency

Auto Tune

Center Freq
2.480000000 GHz

Start Freq
2.480000000 GHz

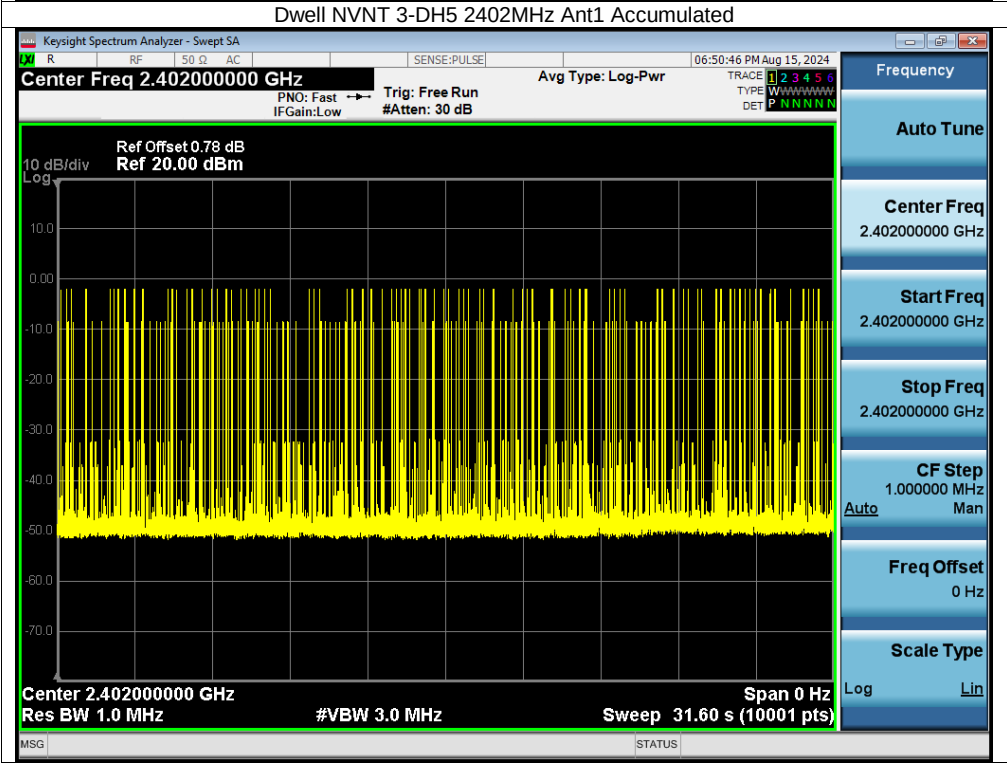
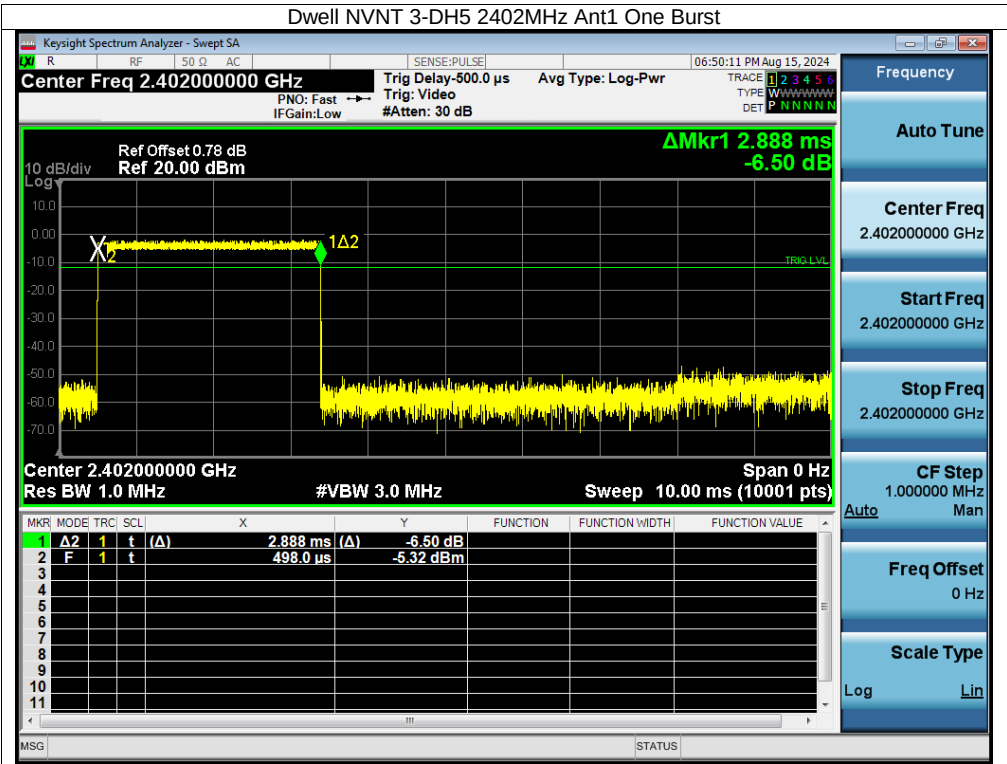
Stop Freq
2.480000000 GHz

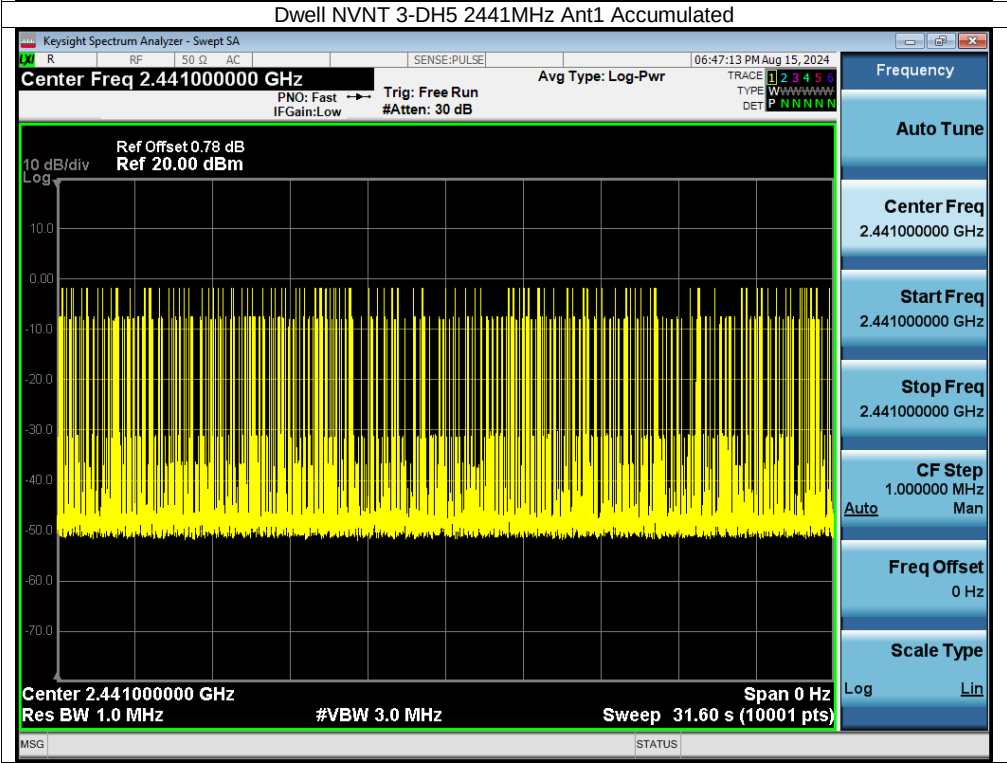
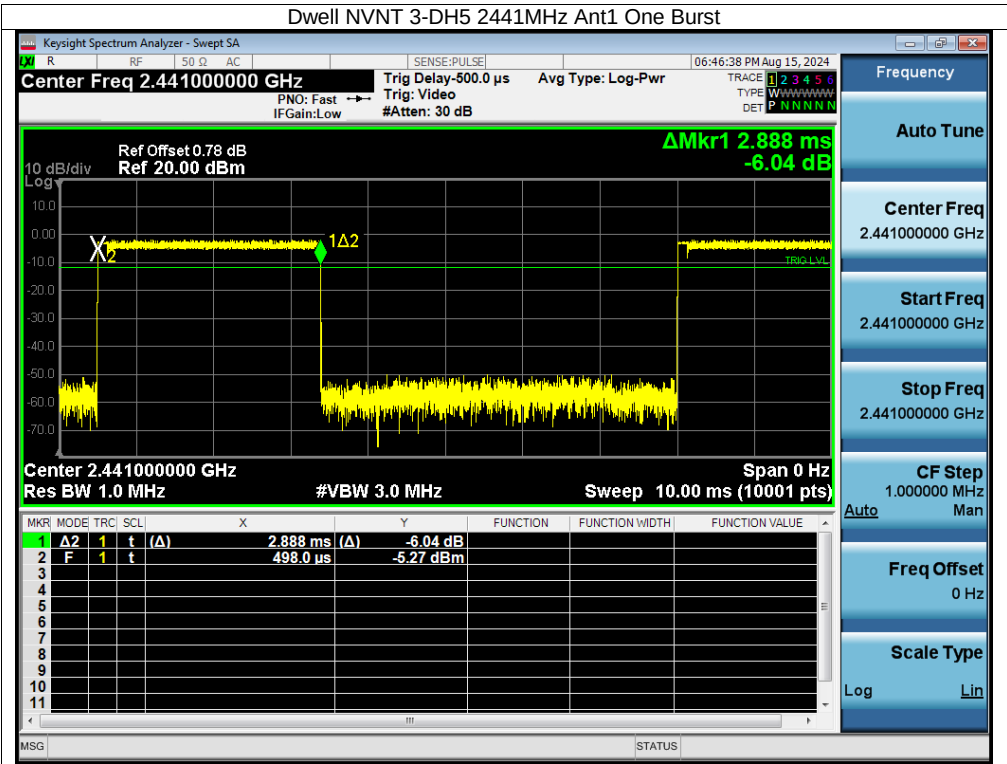
CF Step
1.000000 MHz

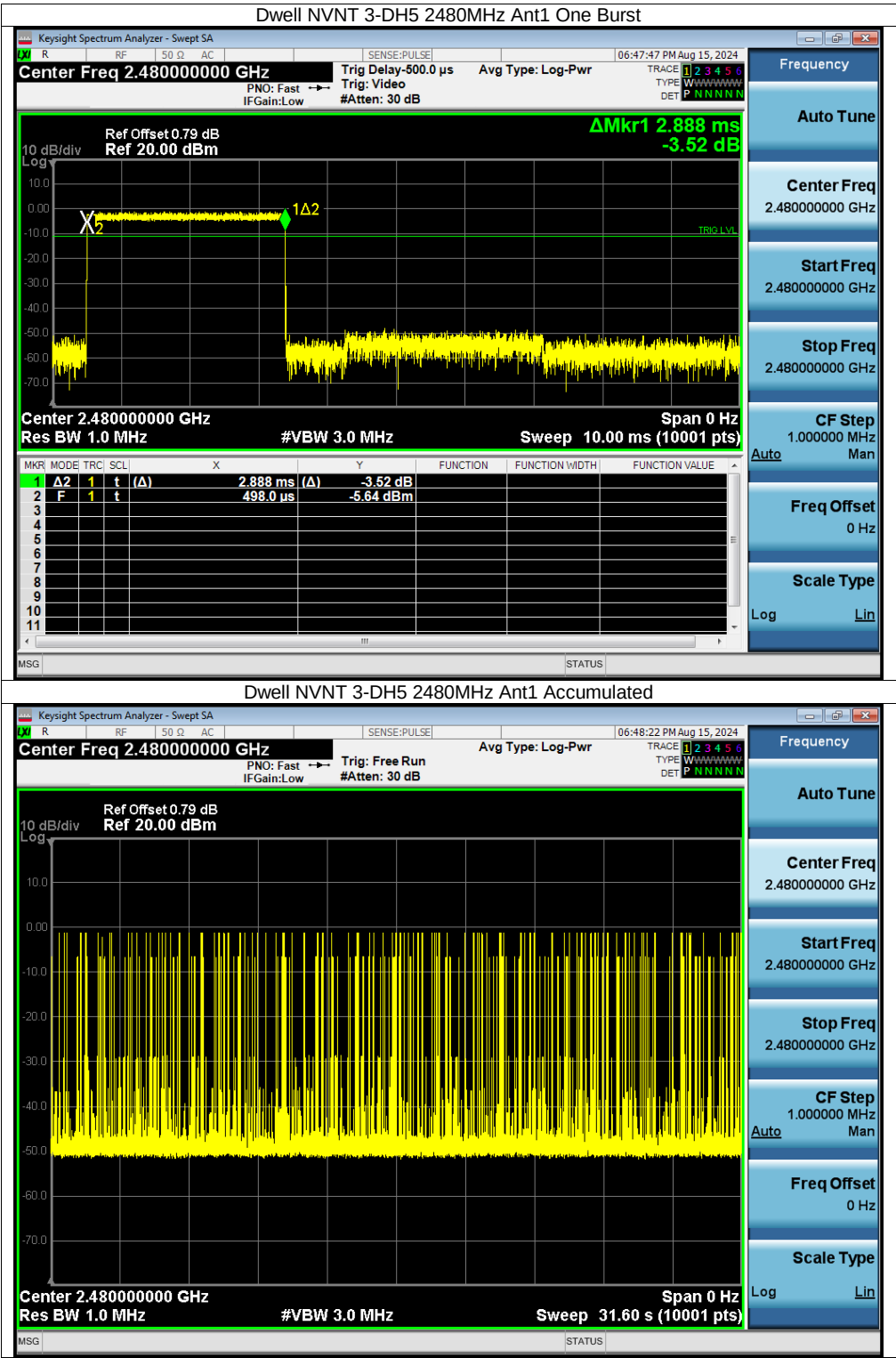
Auto Man

Freq Offset
0 Hz

Scale Type
Log Lin

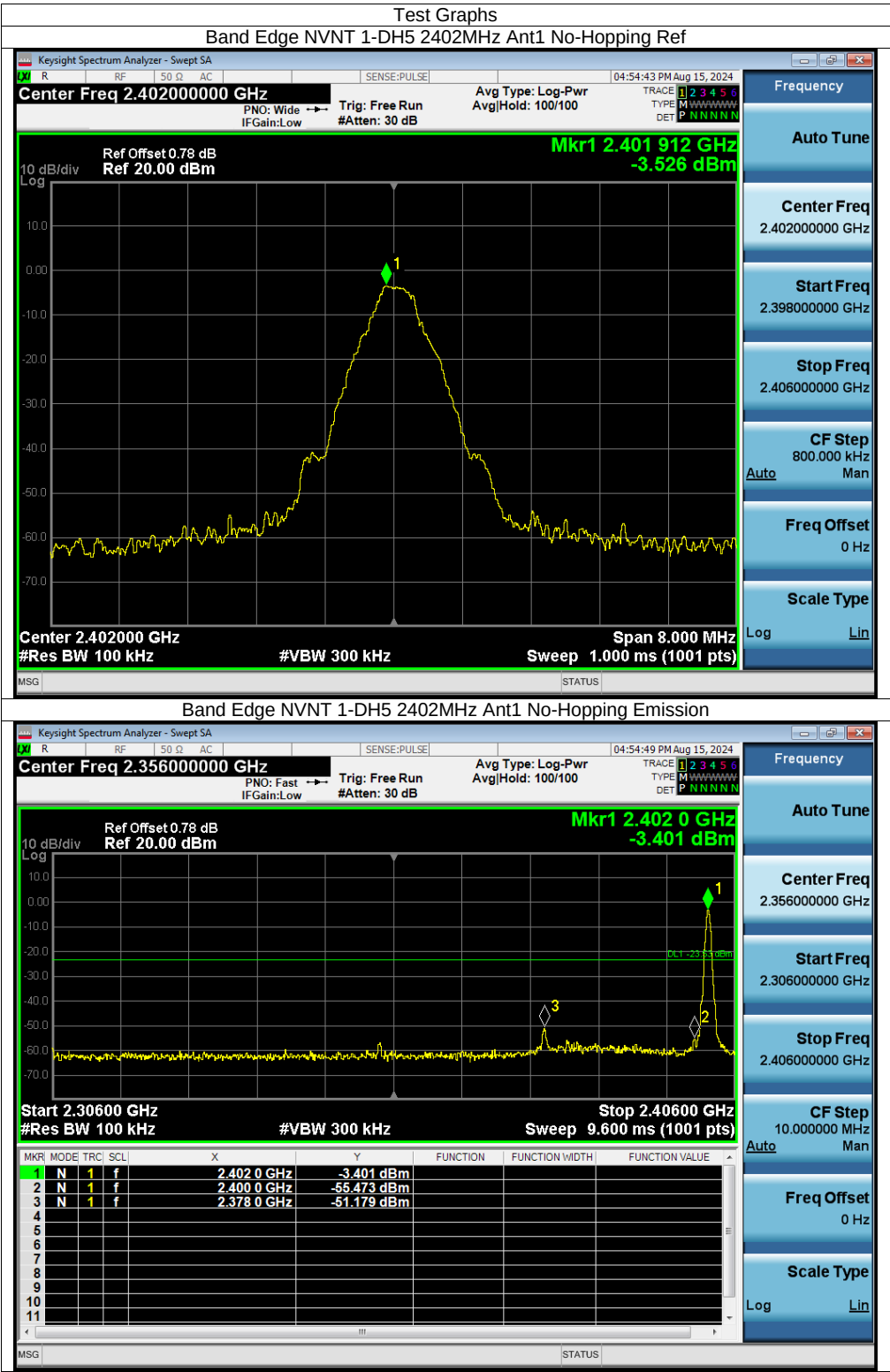


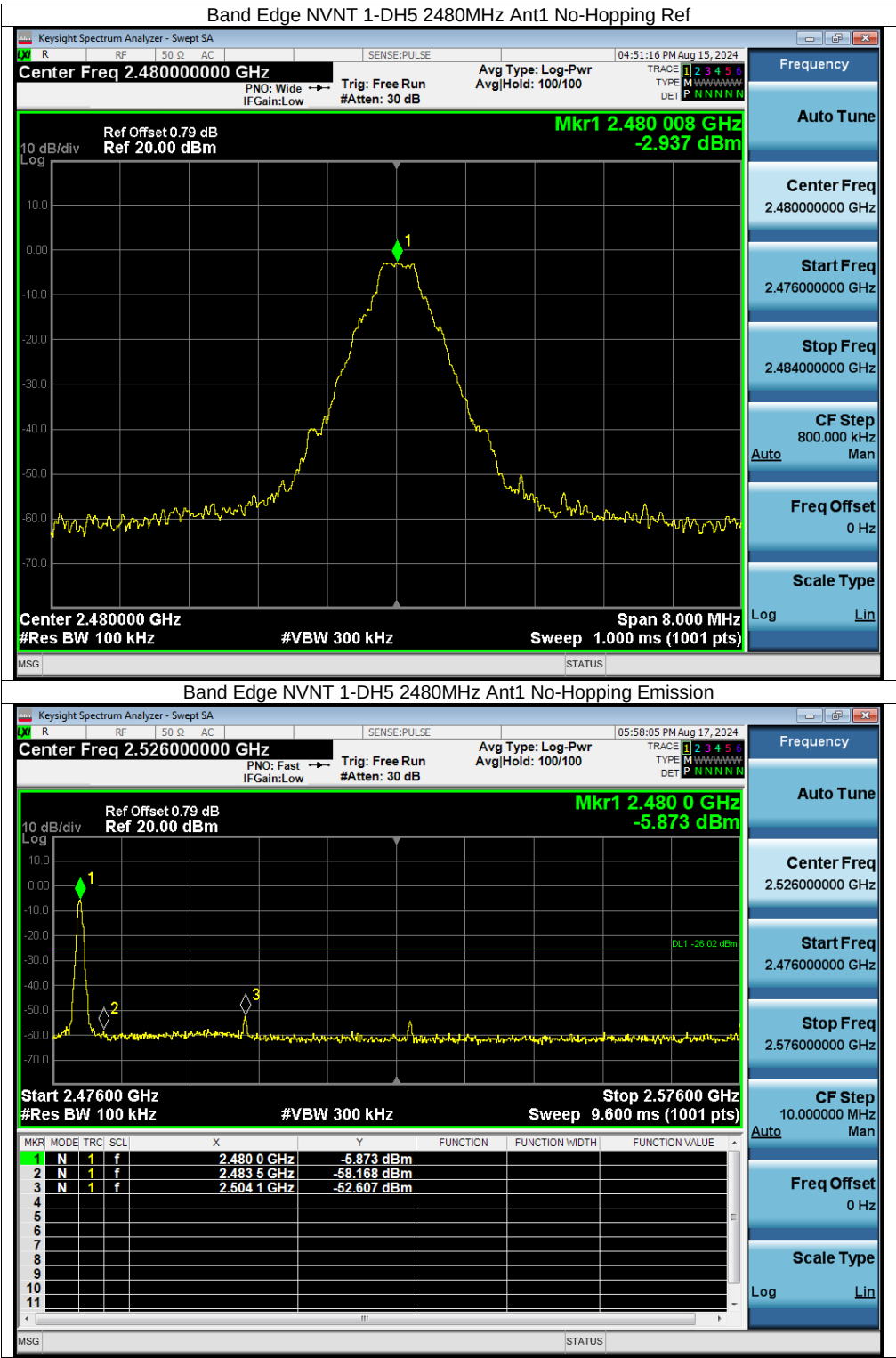


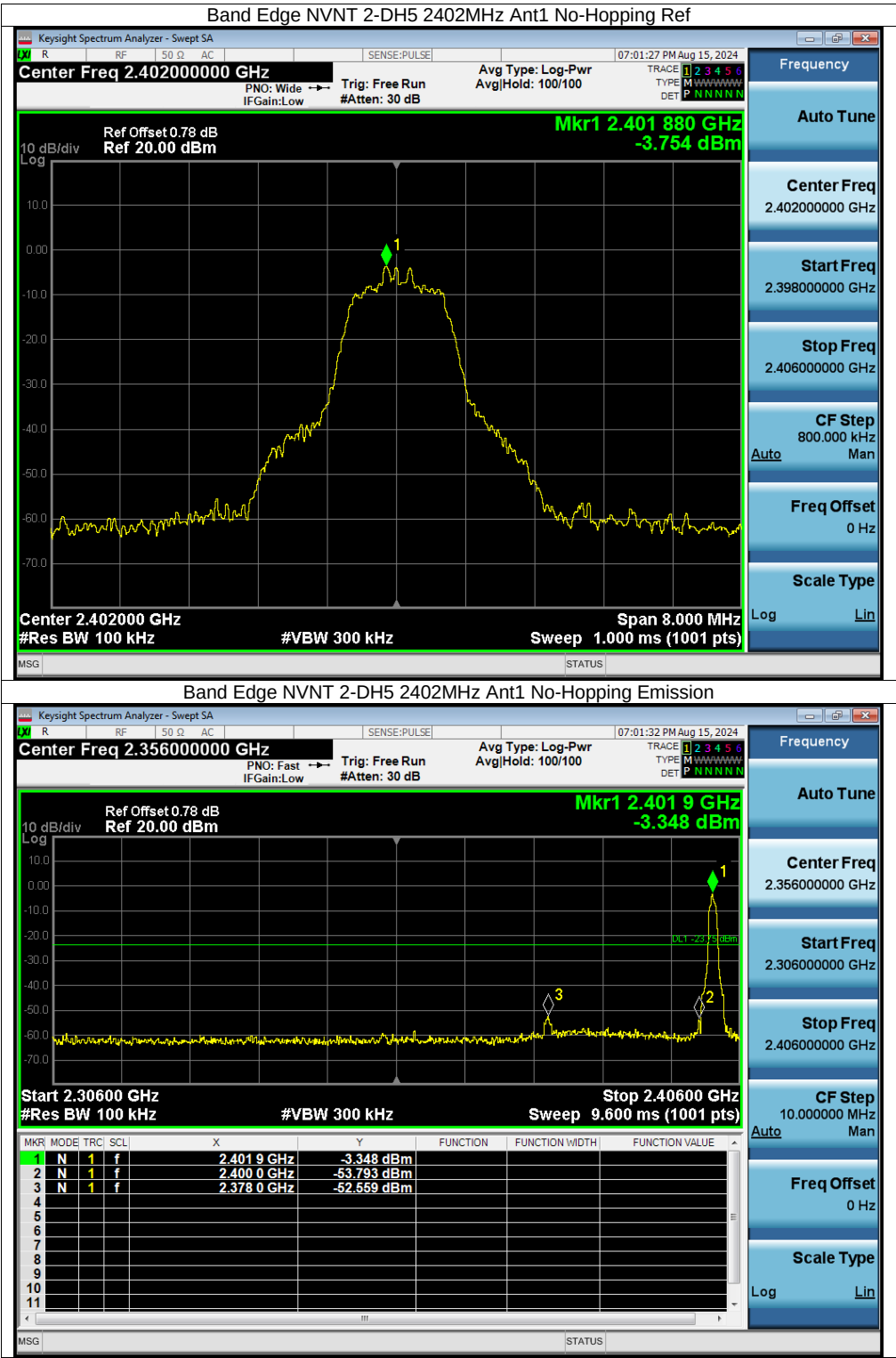


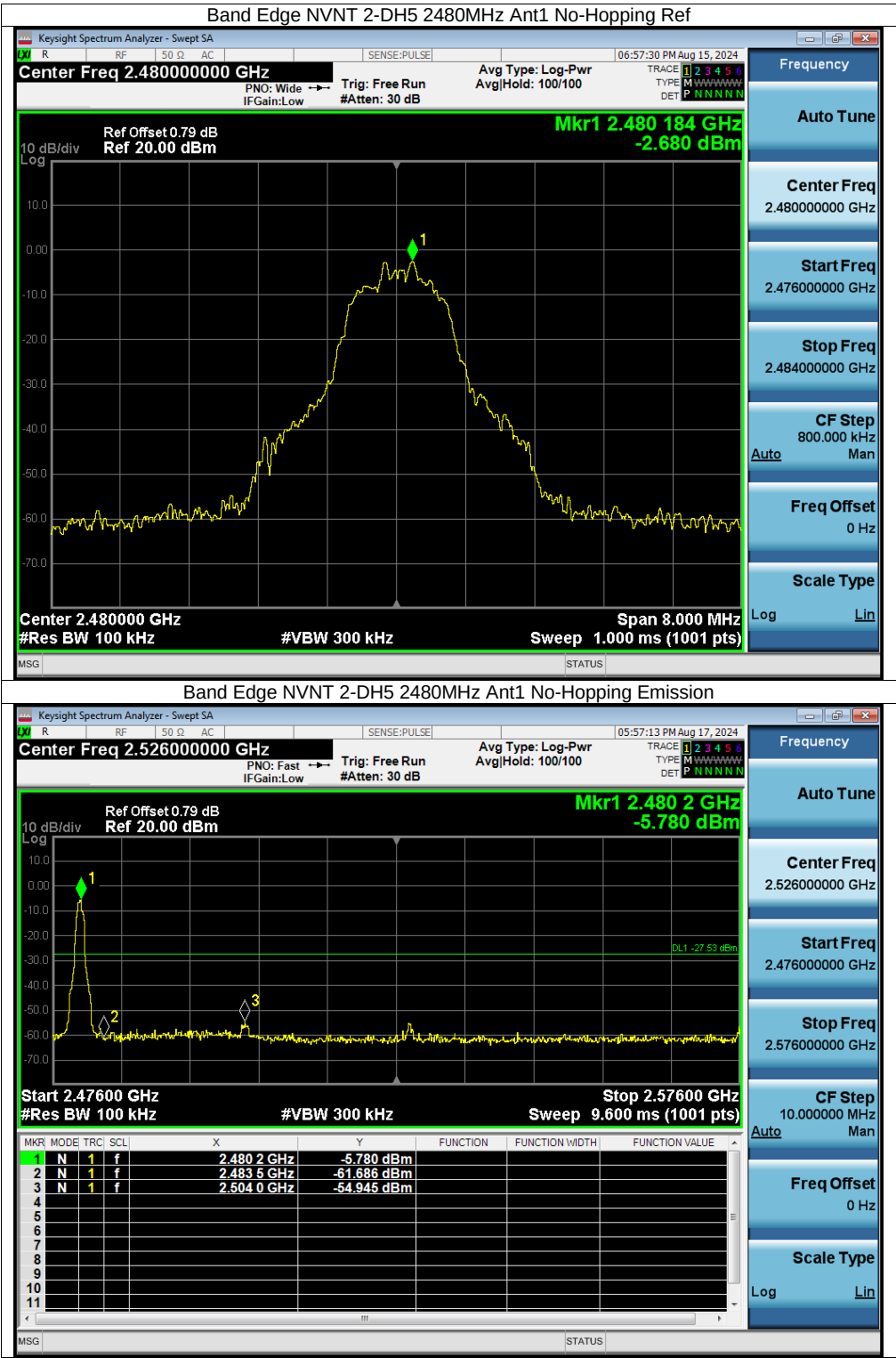
Band Edge

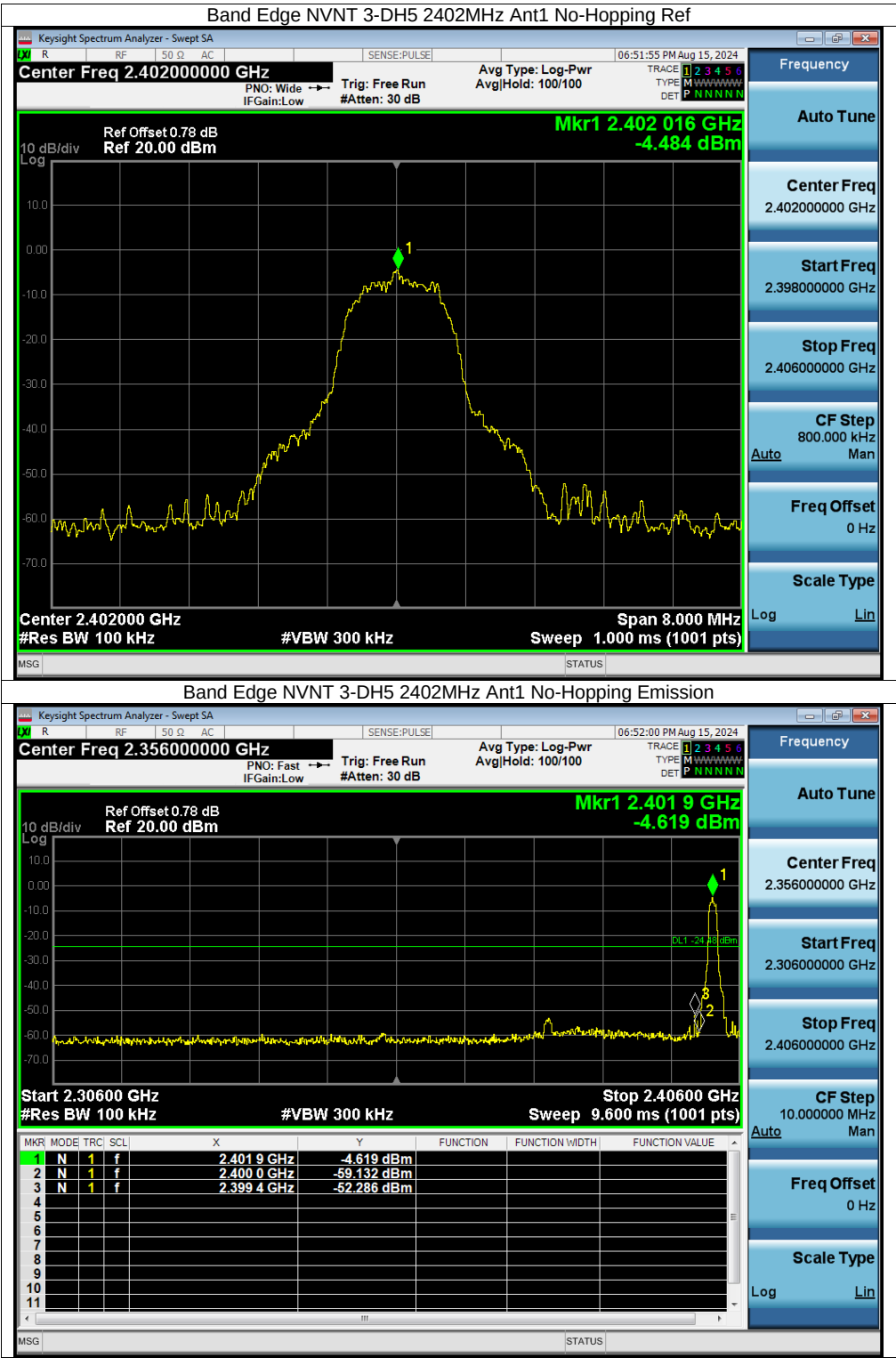
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-47.65	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-46.59	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-48.81	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-47.41	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-47.81	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-46.33	-20	Pass

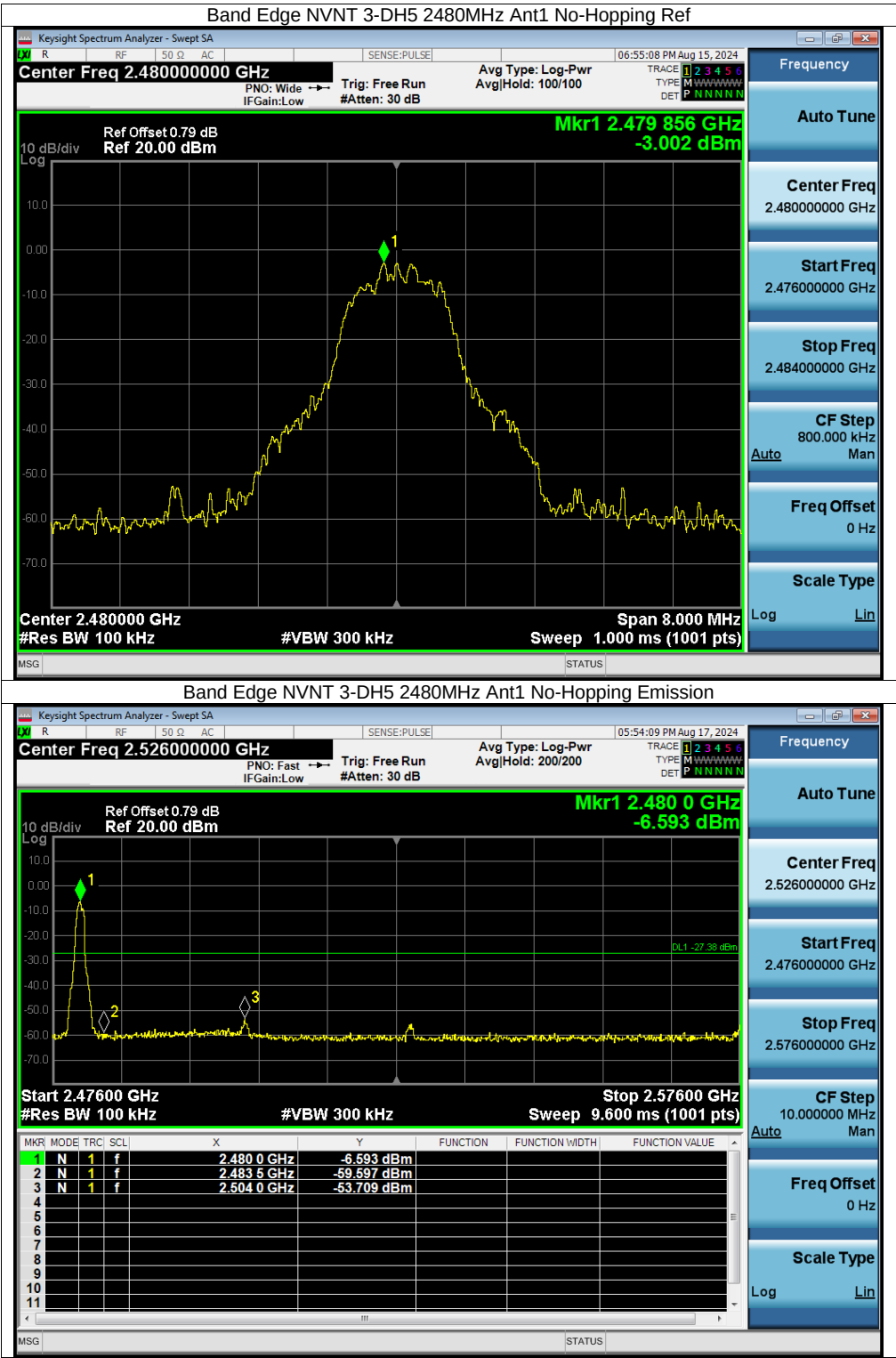






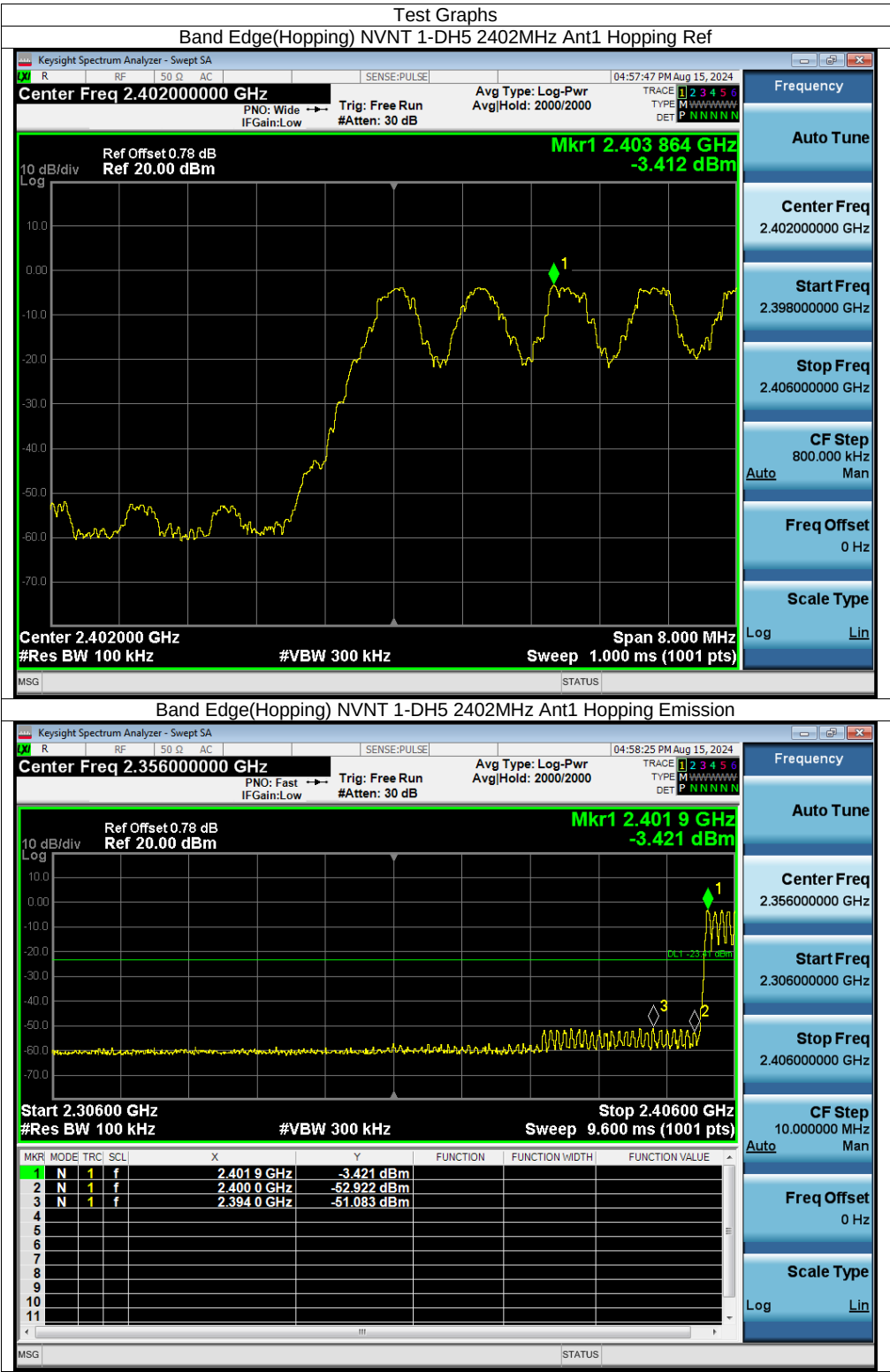




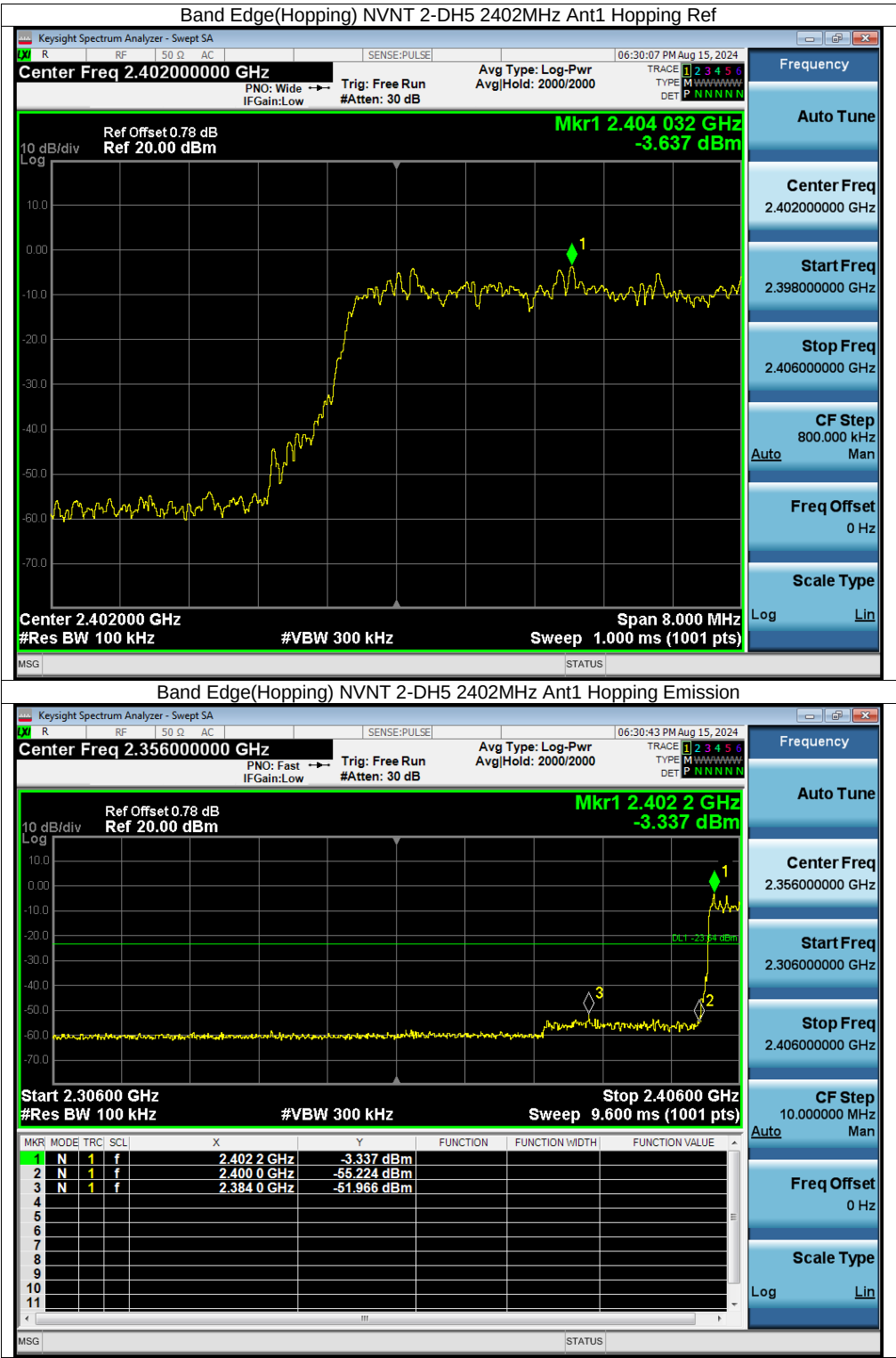


Band Edge(Hopping)

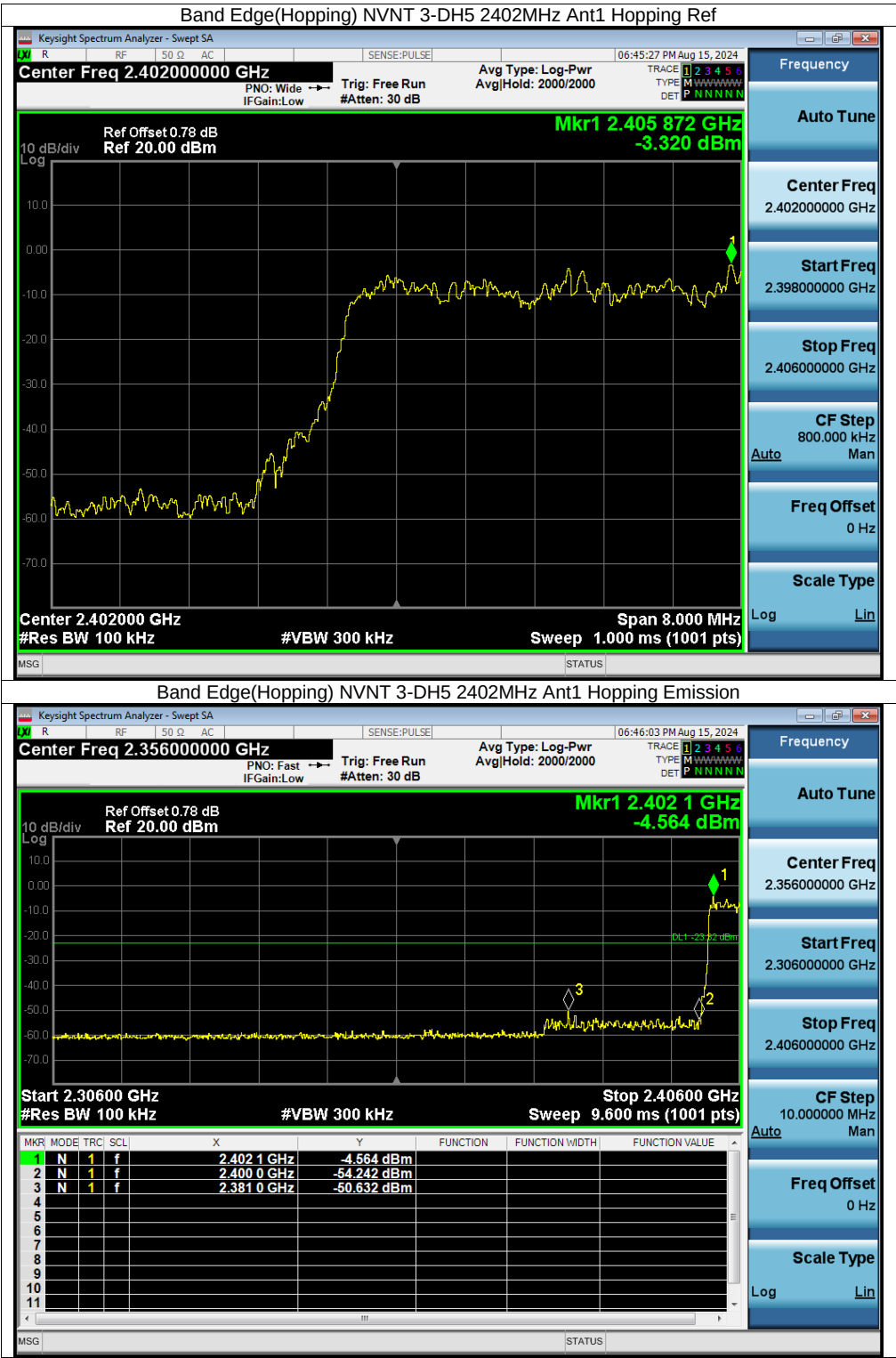
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-47.67	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-47.78	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-48.33	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-47.54	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-47.31	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-46.44	-20	Pass







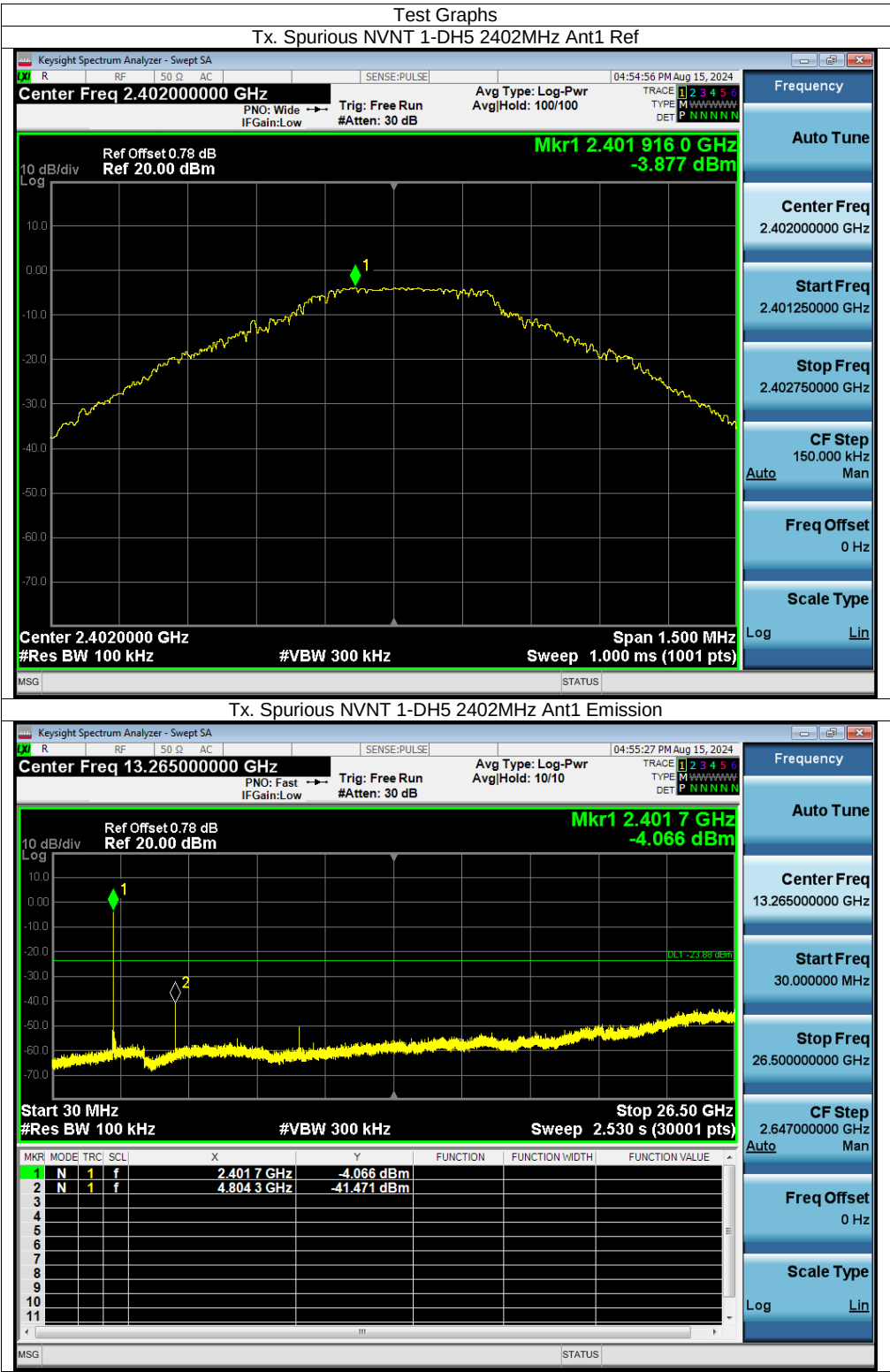


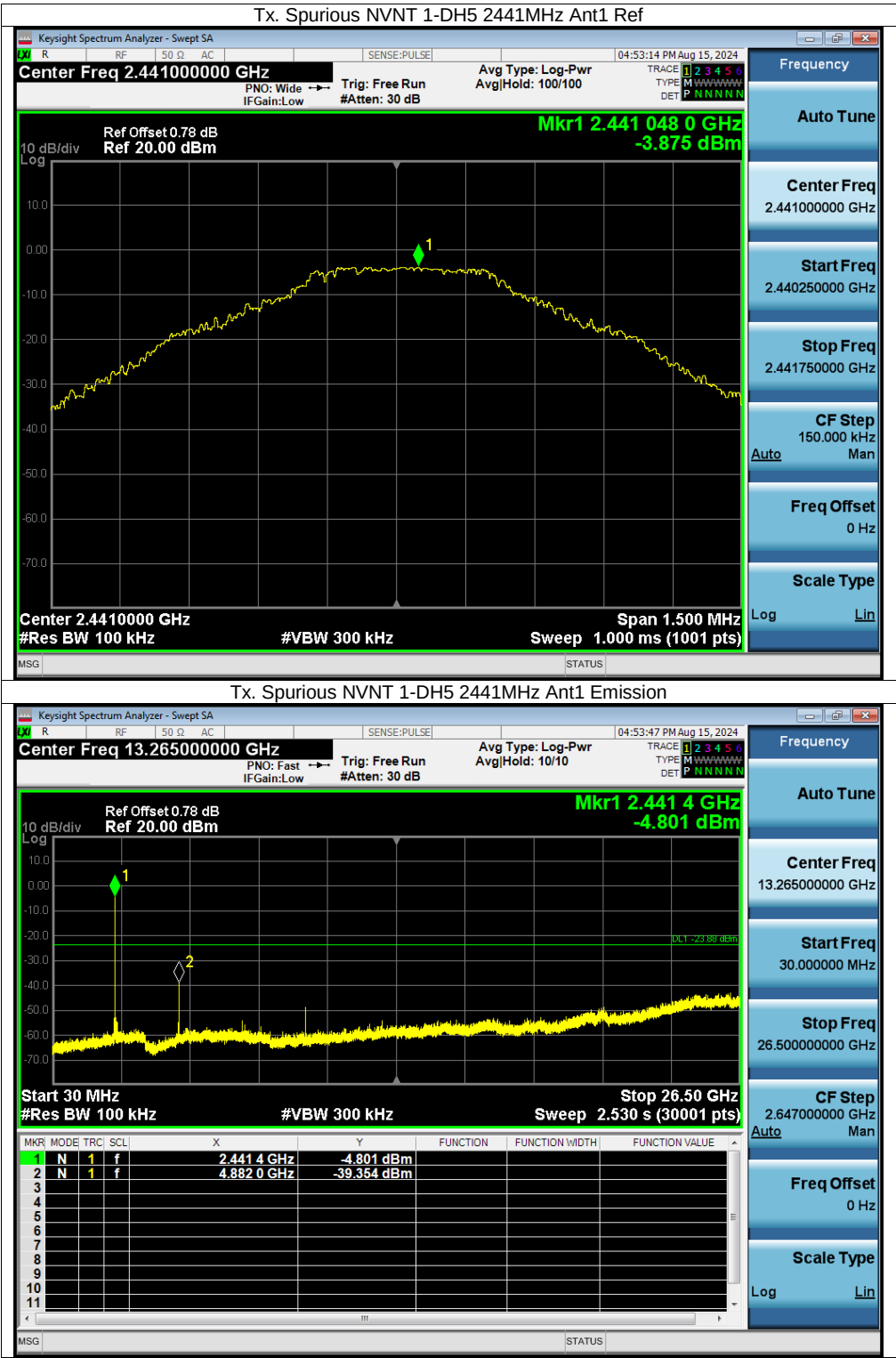


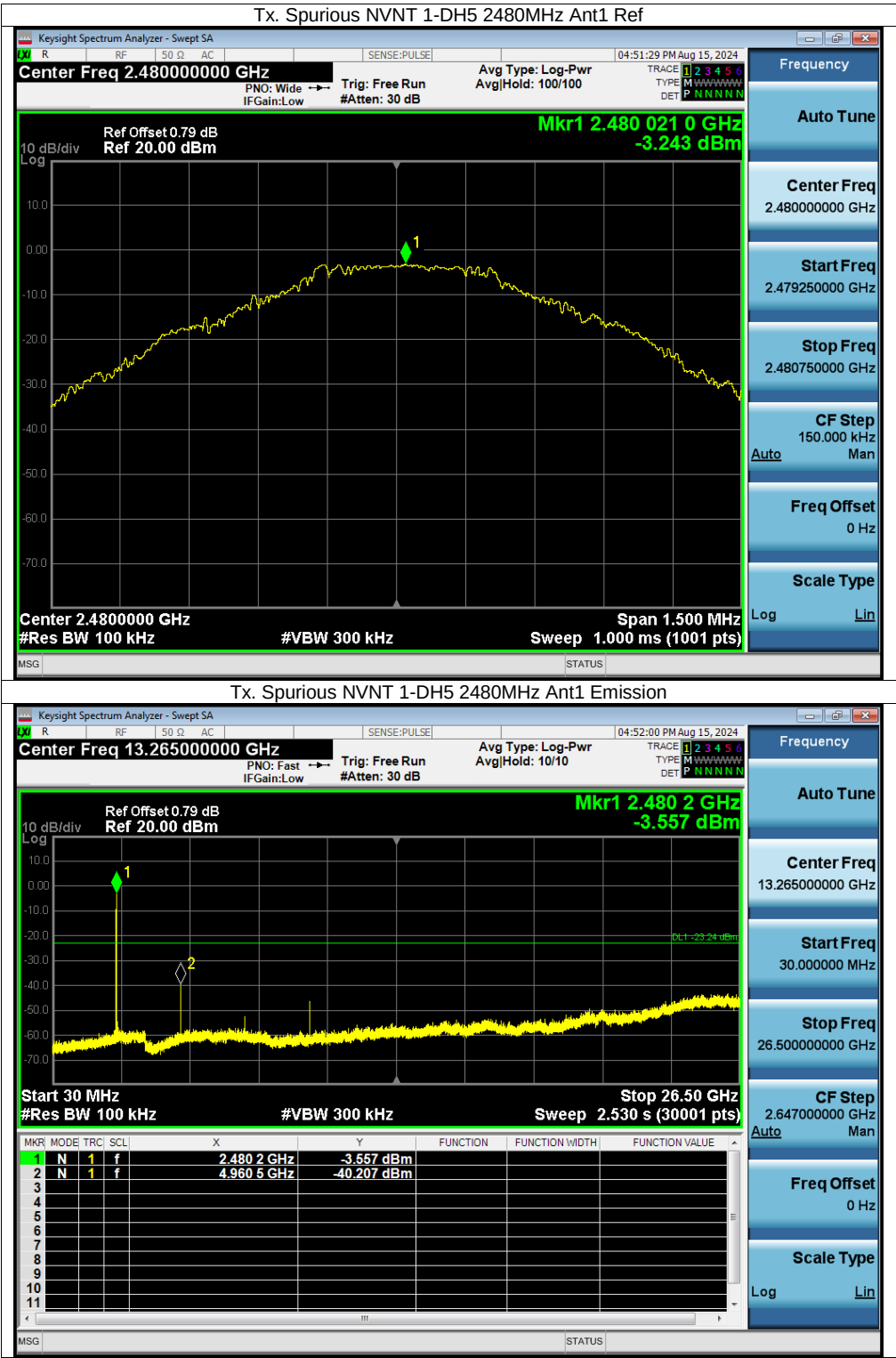


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-37.59	-20	Pass
NVNT	1-DH5	2441	Ant1	-35.48	-20	Pass
NVNT	1-DH5	2480	Ant1	-36.97	-20	Pass
NVNT	2-DH5	2402	Ant1	-39.56	-20	Pass
NVNT	2-DH5	2441	Ant1	-38.07	-20	Pass
NVNT	2-DH5	2480	Ant1	-40.4	-20	Pass
NVNT	3-DH5	2402	Ant1	-39.13	-20	Pass
NVNT	3-DH5	2441	Ant1	-39.64	-20	Pass
NVNT	3-DH5	2480	Ant1	-38.49	-20	Pass

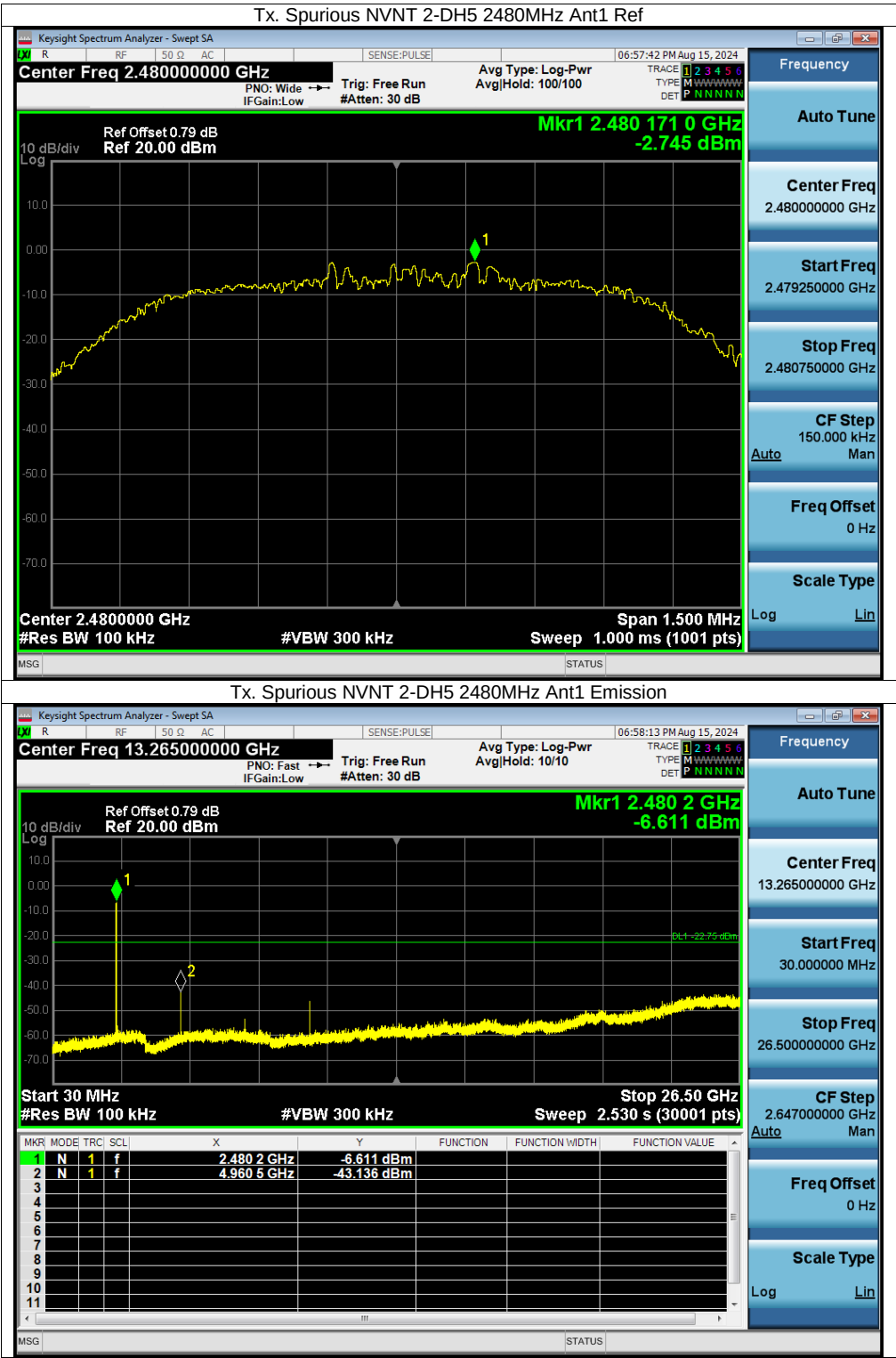




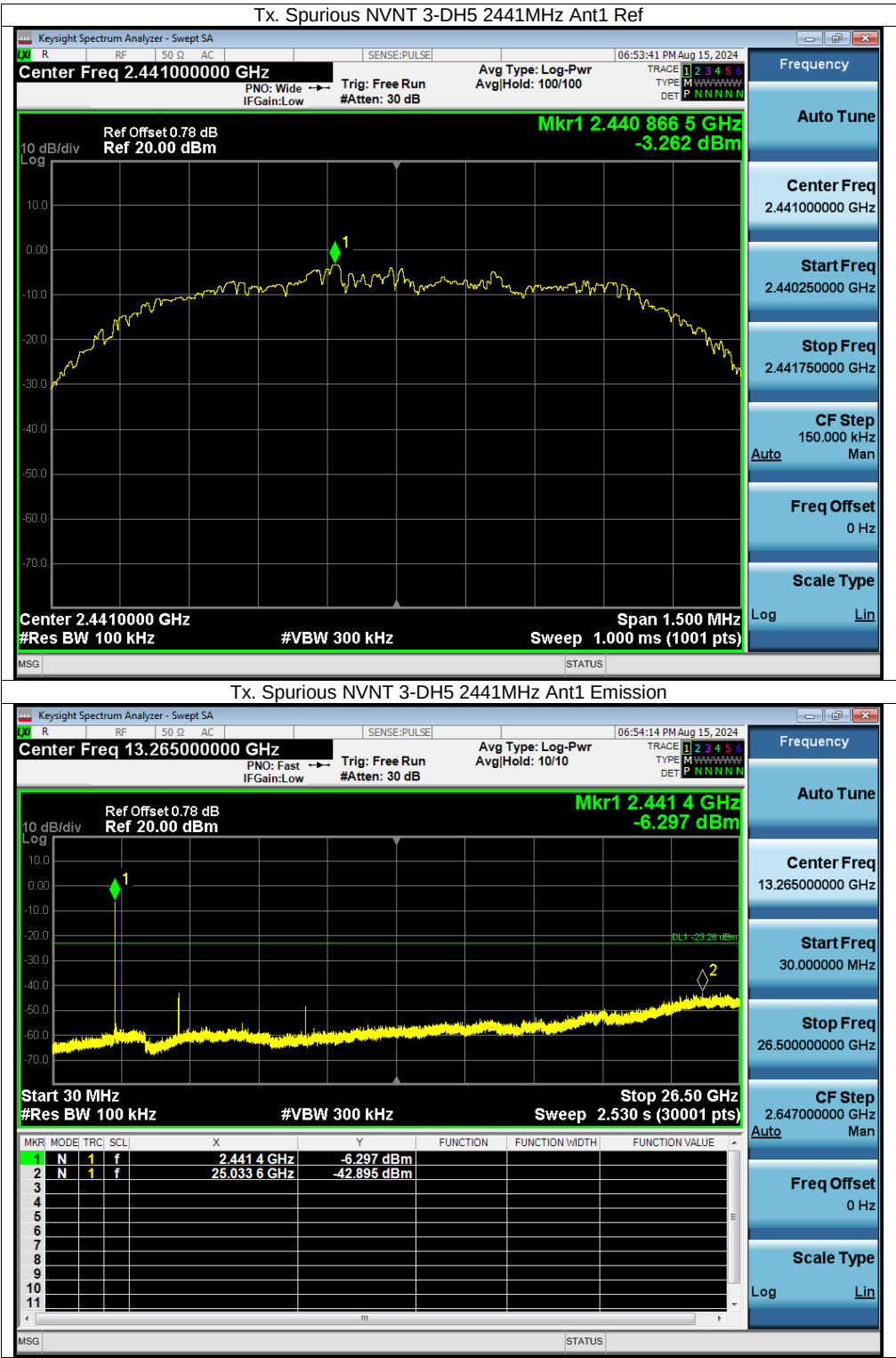


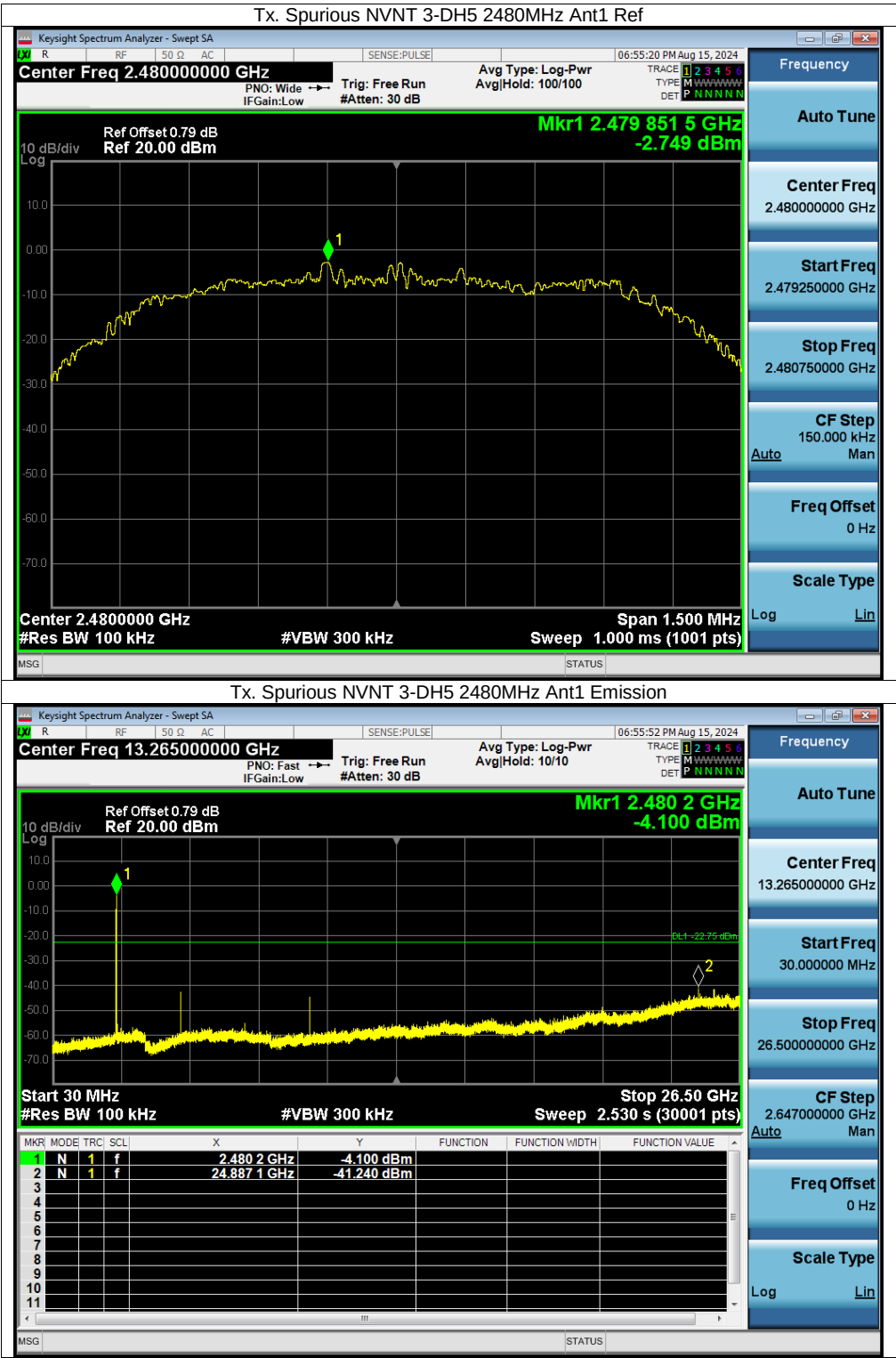










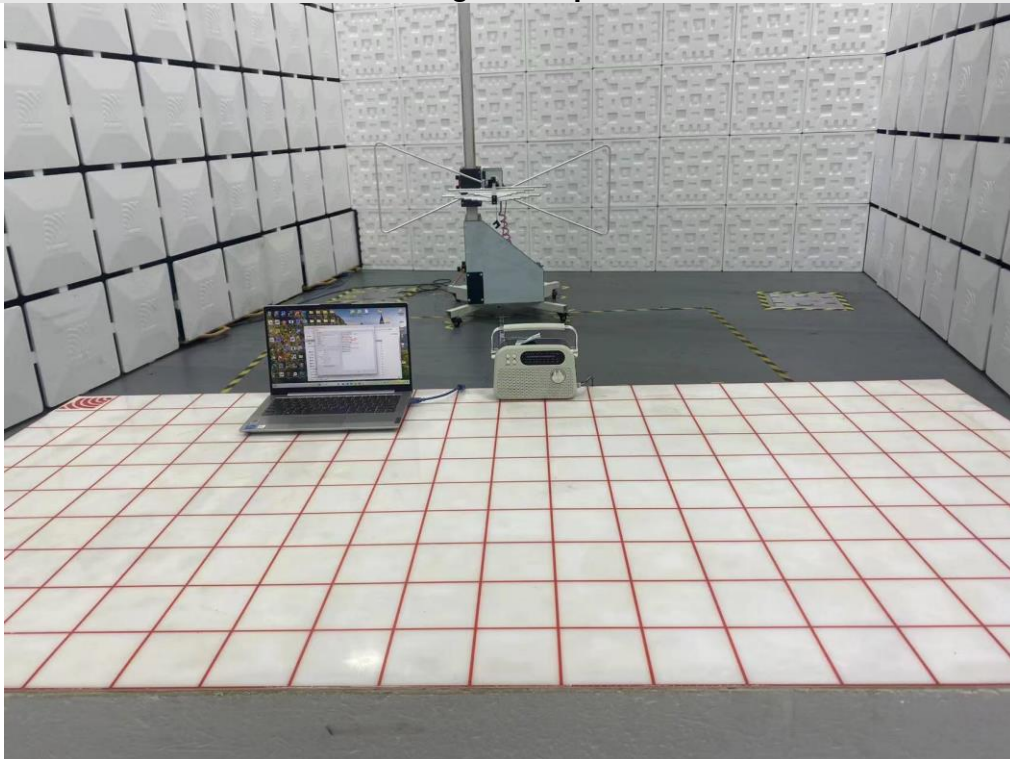


APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION

AC Power Line Conducted Emission



Radiated Band edge and Spurious Emission





END OF REPORT