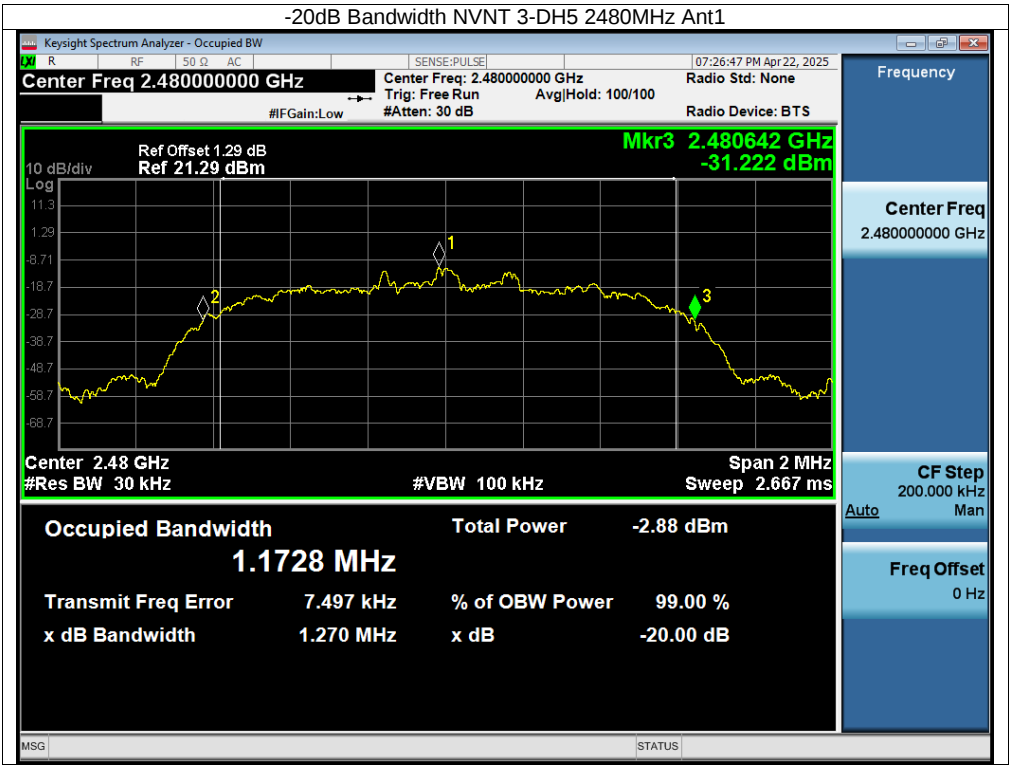
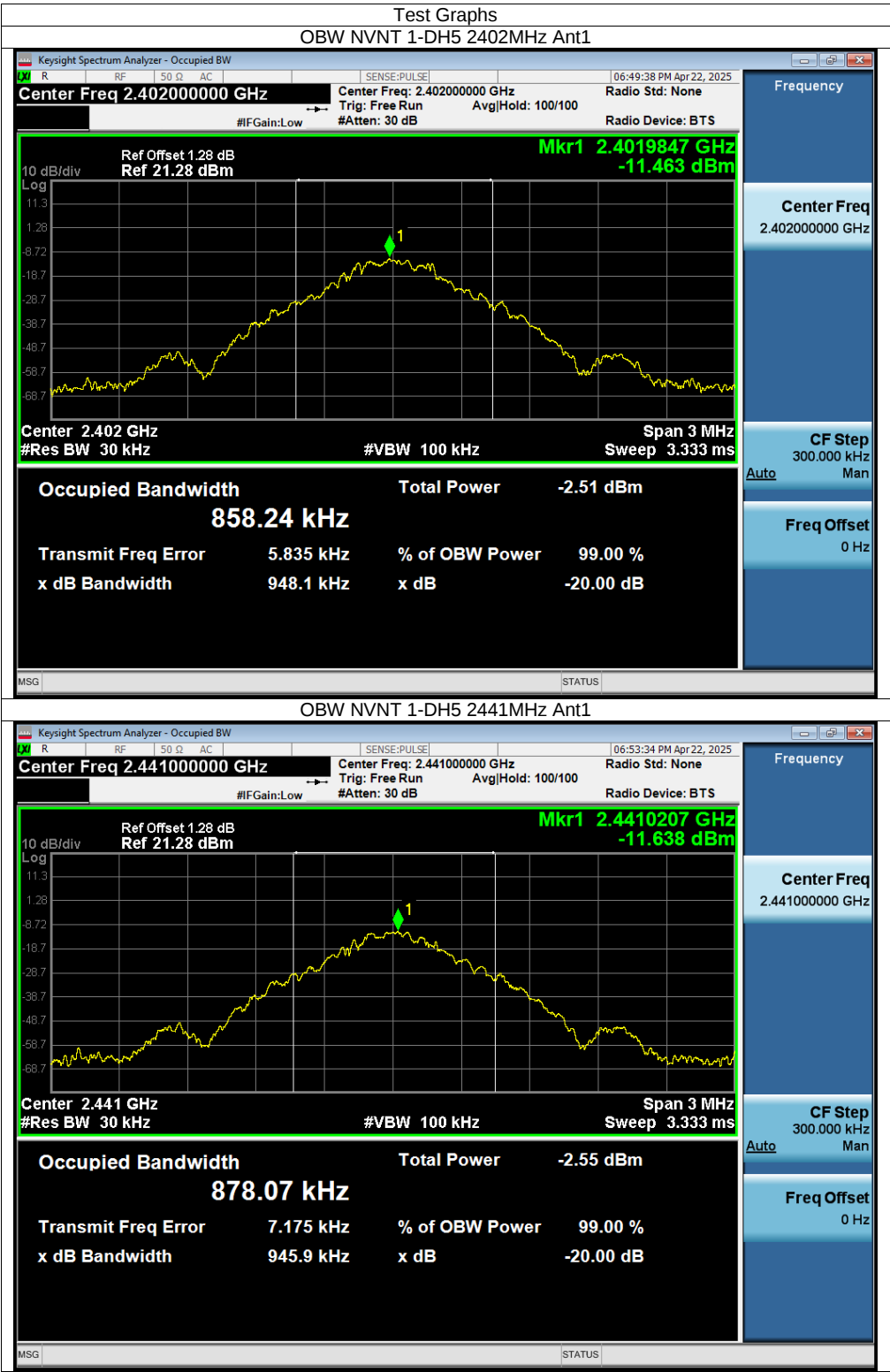




Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.858
NVNT	1-DH5	2441	Ant1	0.878
NVNT	1-DH5	2480	Ant1	0.87
NVNT	2-DH5	2402	Ant1	1.183
NVNT	2-DH5	2441	Ant1	1.184
NVNT	2-DH5	2480	Ant1	1.189
NVNT	3-DH5	2402	Ant1	1.18
NVNT	3-DH5	2441	Ant1	1.179
NVNT	3-DH5	2480	Ant1	1.188









OBW NVNT 3-DH5 2441MHz Ant1

Keysight Spectrum Analyzer - Occupied BW

07:24:47 PM Apr 22, 2025

Center Freq 2.441000000 GHz

Center Freq: 2.441000000 GHz

Trig: Free Run

Avg|Hold: 100/100

Radio Std: None

#FGain:Low

#Atten: 30 dB

Radio Device: BTS

10 dB/div

Log

Ref Offset 1.28 dB

Ref 21.28 dBm

Mkr1 2.4410027 GHz

-11.336 dBm

1

Center 2.441 GHz

#Res BW 30 kHz

#VBW 100 kHz

Span 3 MHz

Sweep 3.333 ms

Occupied Bandwidth

1.1789 MHz

Total Power

-2.81 dBm

Transmit Freq Error

5.068 kHz

% of OBW Power

99.00 %

x dB Bandwidth

1.294 MHz

x dB

-20.00 dB

MSG

STATUS

Frequency

Center Freq

2.441000000 GHz

CF Step

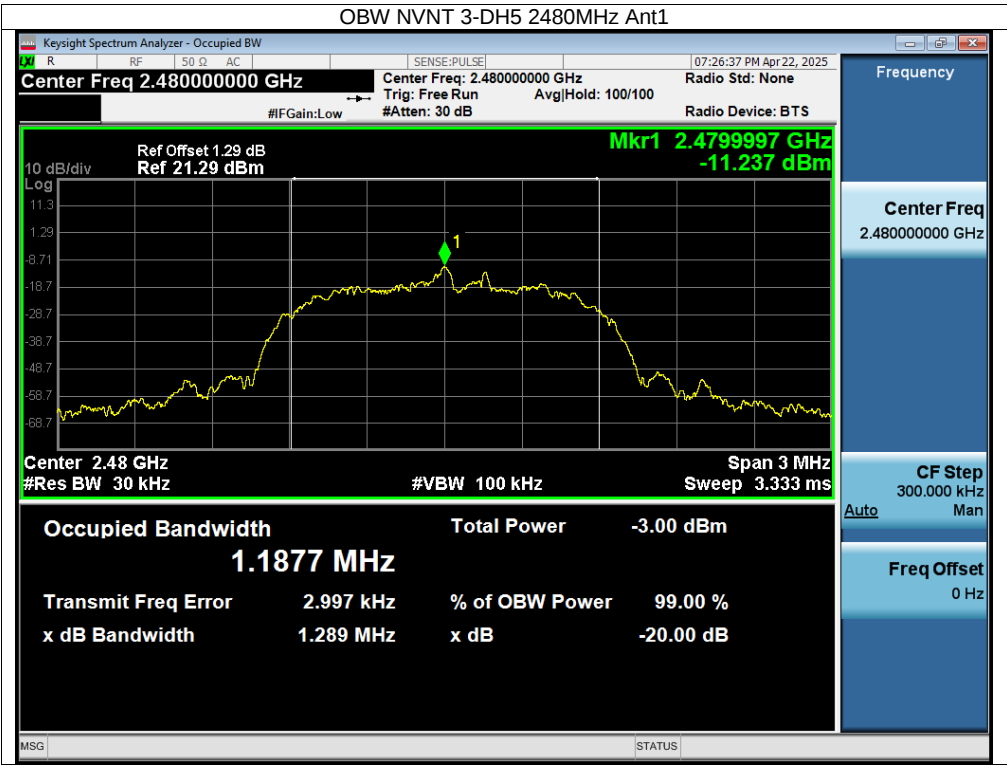
300.000 kHz

Auto

Man

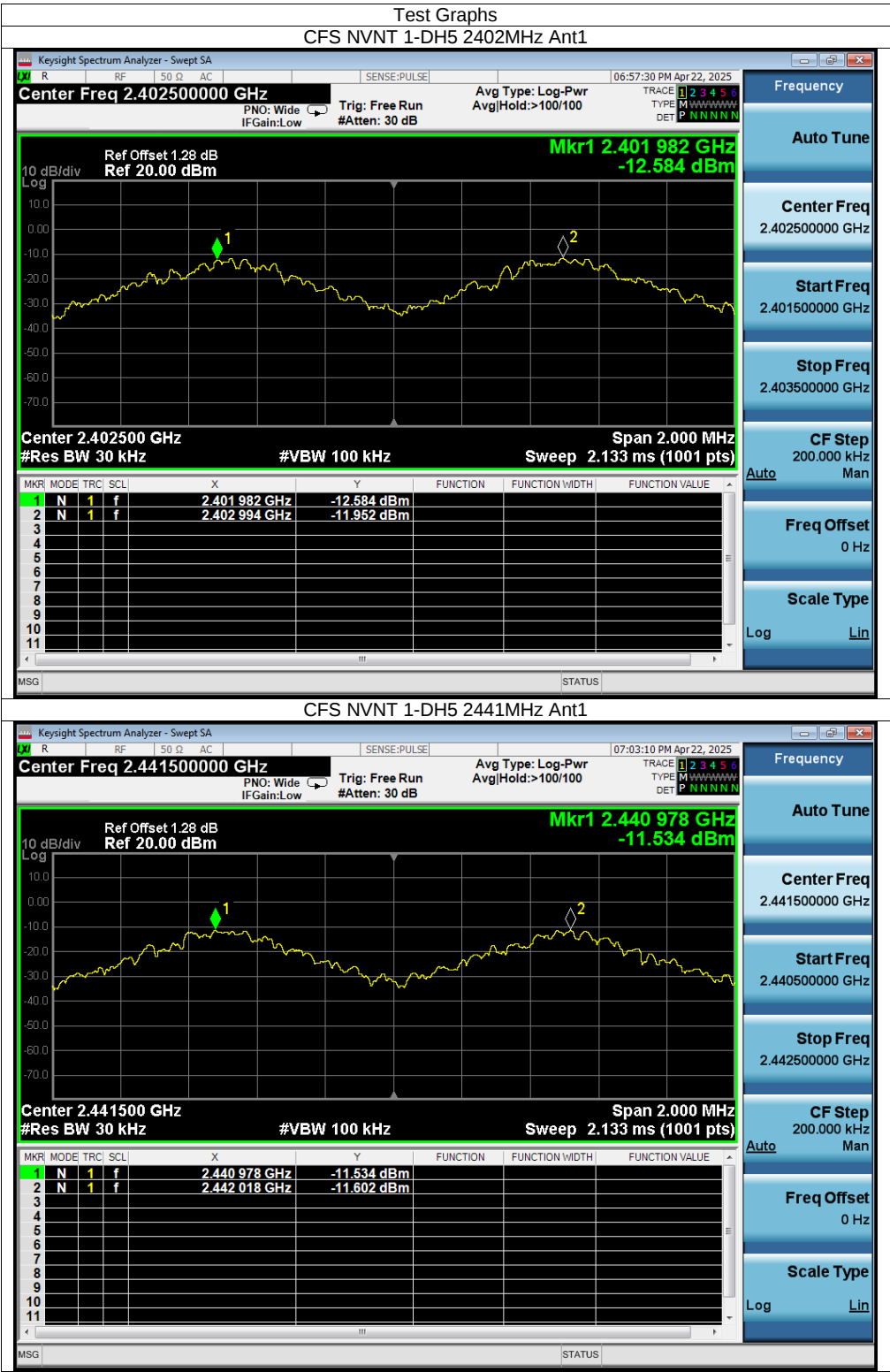
Freq Offset

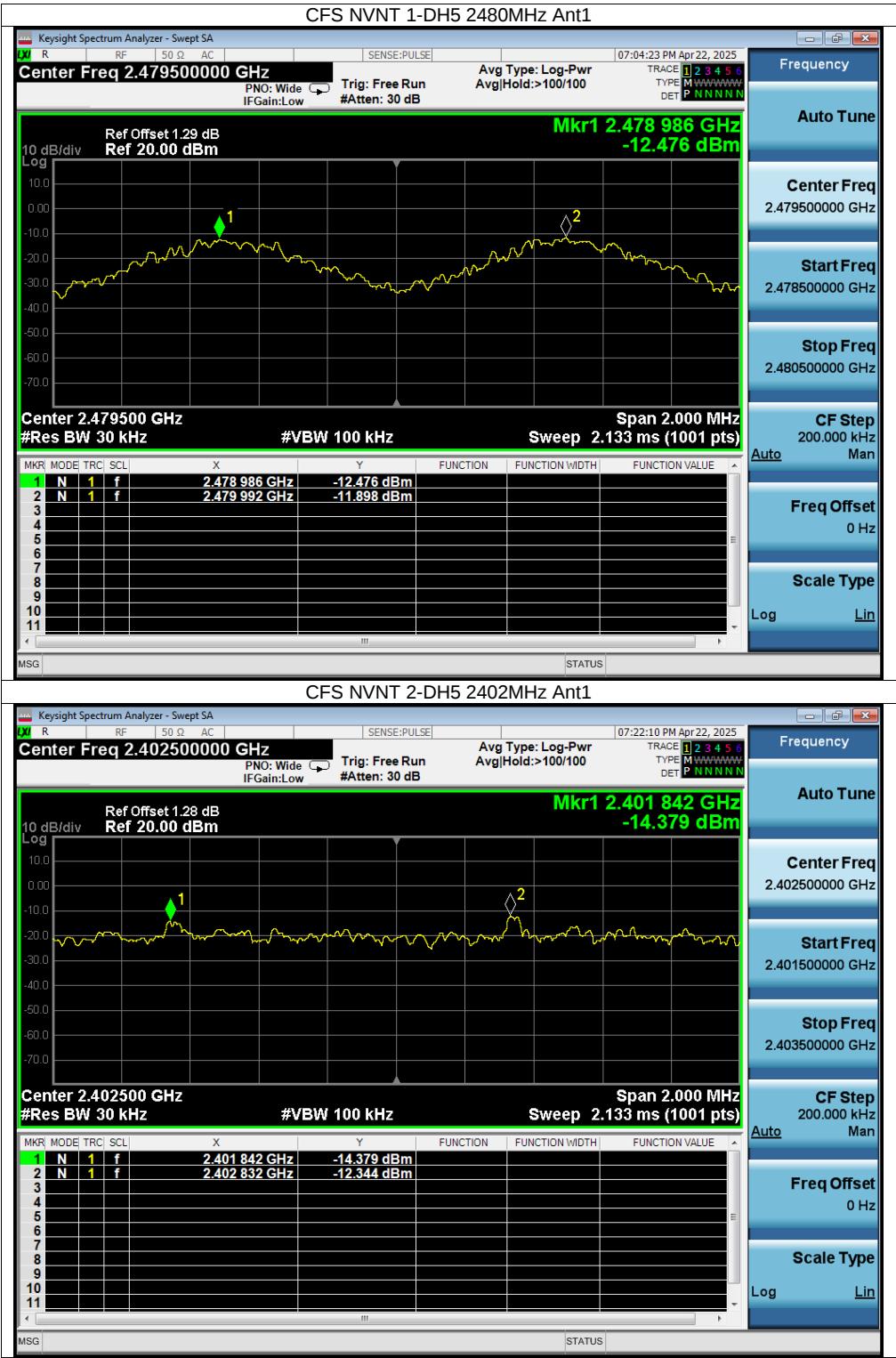
0 Hz

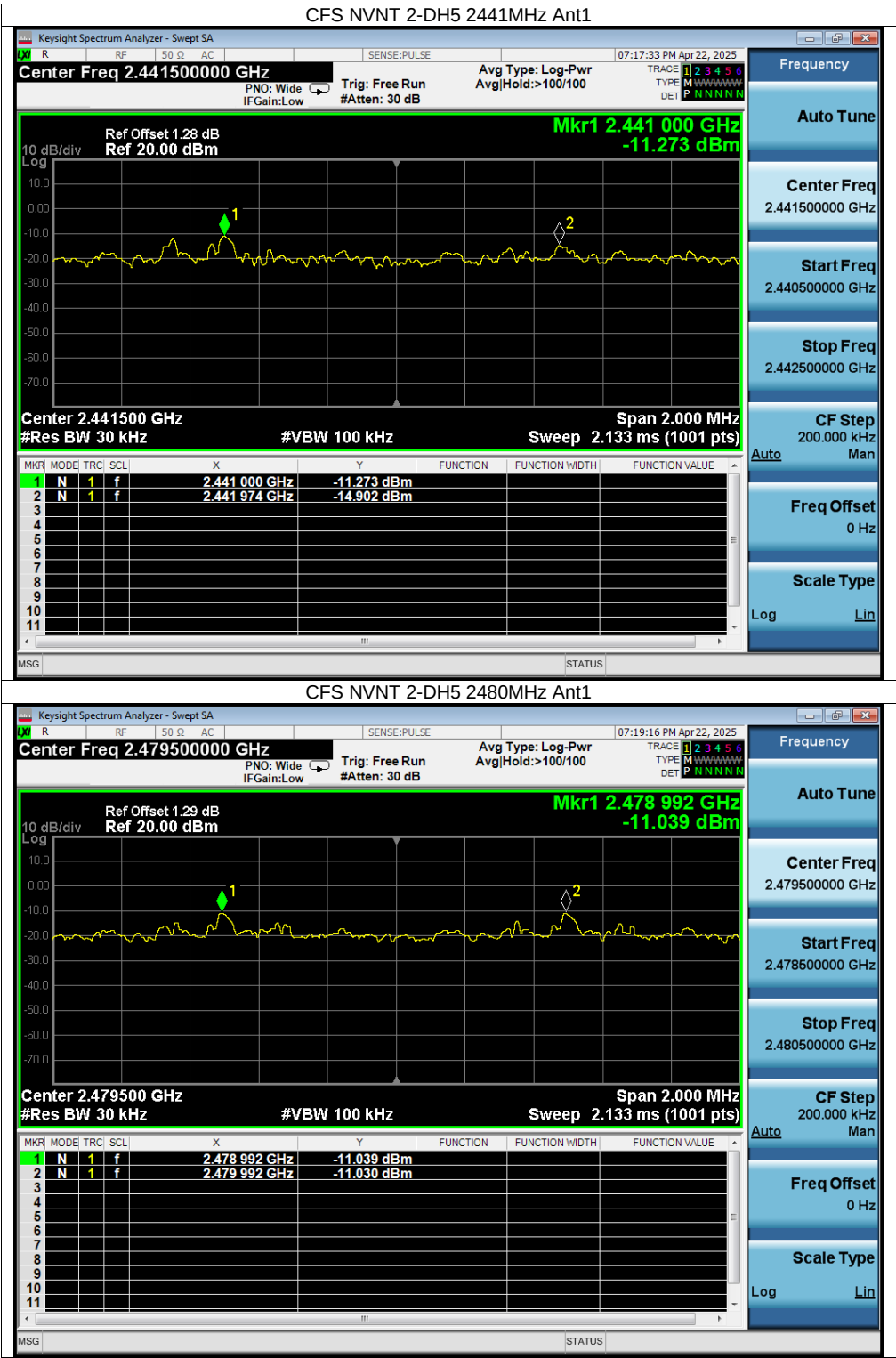


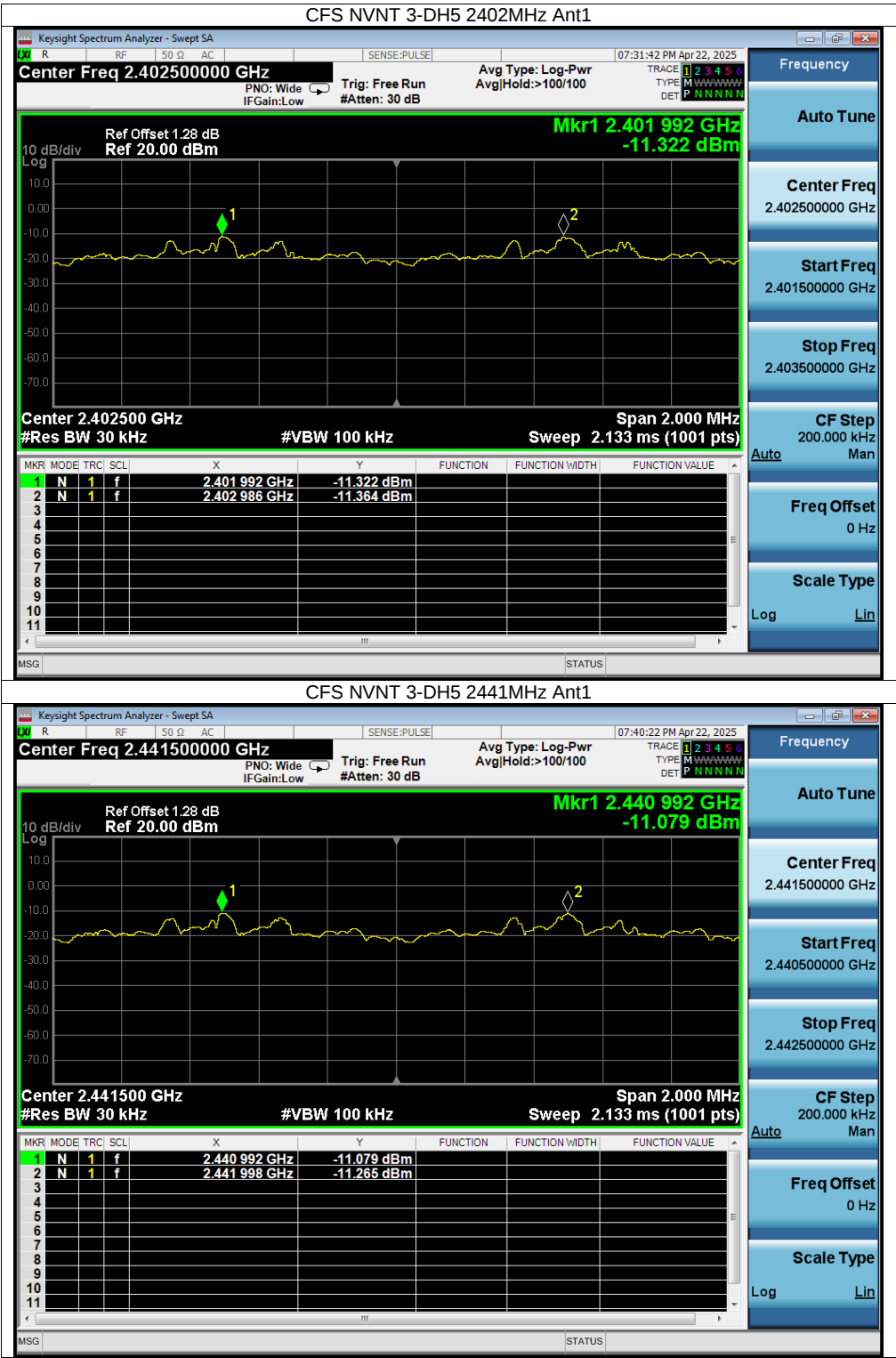
Carrier Frequencies Separation

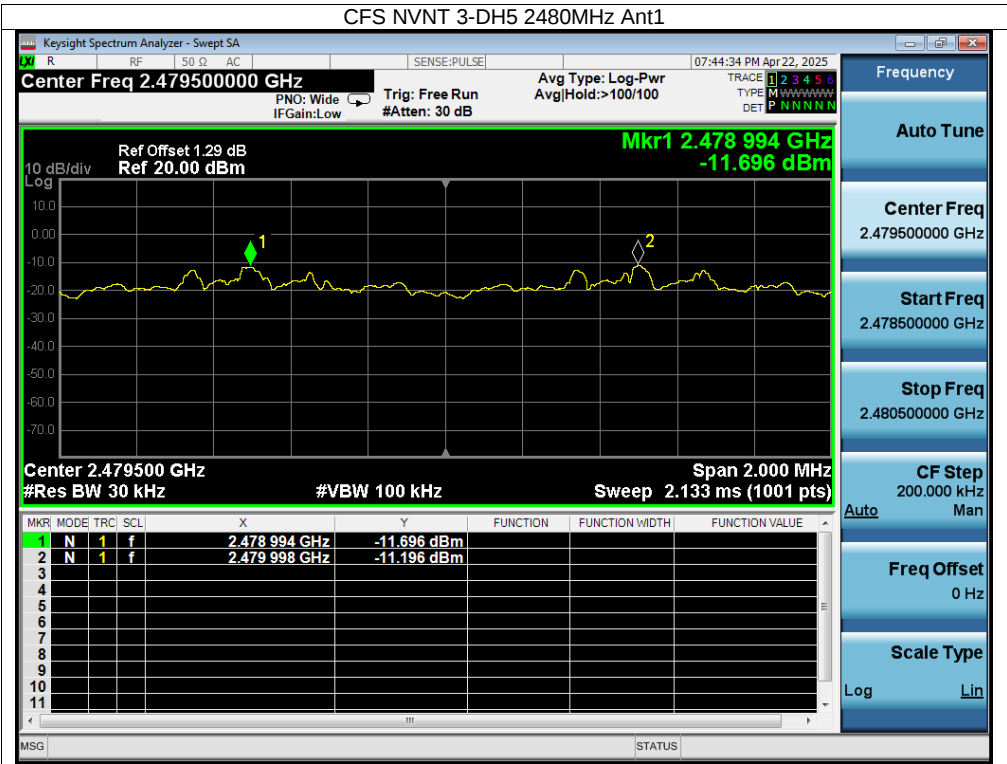
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2401.982	2402.994	1.012	0.633	Pass
NVNT	1-DH5	Ant1	2440.978	2442.018	1.04	0.633	Pass
NVNT	1-DH5	Ant1	2478.986	2479.992	1.006	0.633	Pass
NVNT	2-DH5	Ant1	2401.842	2402.832	0.99	0.88	Pass
NVNT	2-DH5	Ant1	2441	2441.974	0.974	0.84	Pass
NVNT	2-DH5	Ant1	2478.992	2479.992	1	0.853	Pass
NVNT	3-DH5	Ant1	2401.992	2402.986	0.994	0.86	Pass
NVNT	3-DH5	Ant1	2440.992	2441.998	1.006	0.86	Pass
NVNT	3-DH5	Ant1	2478.994	2479.998	1.004	0.847	Pass





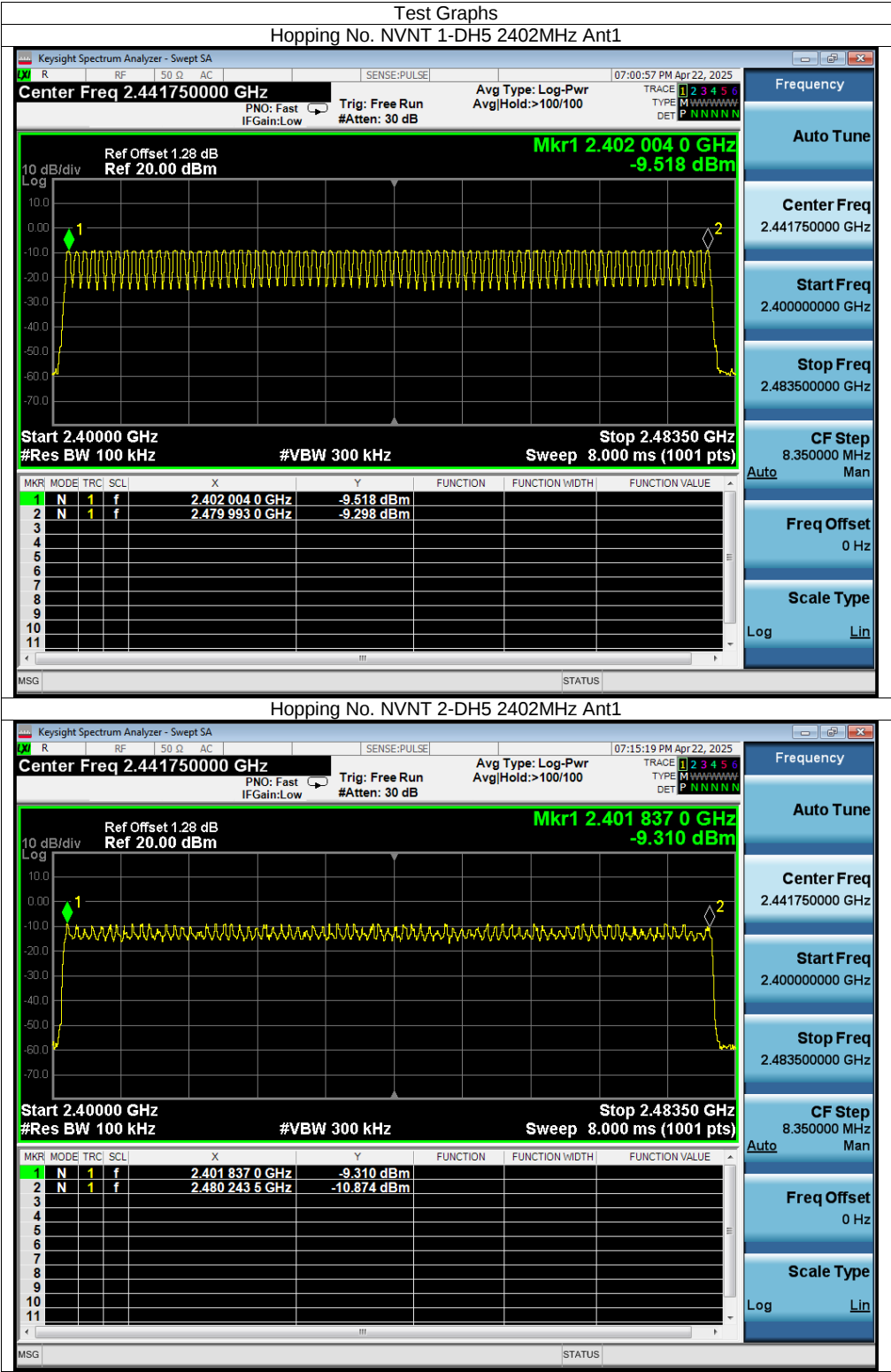


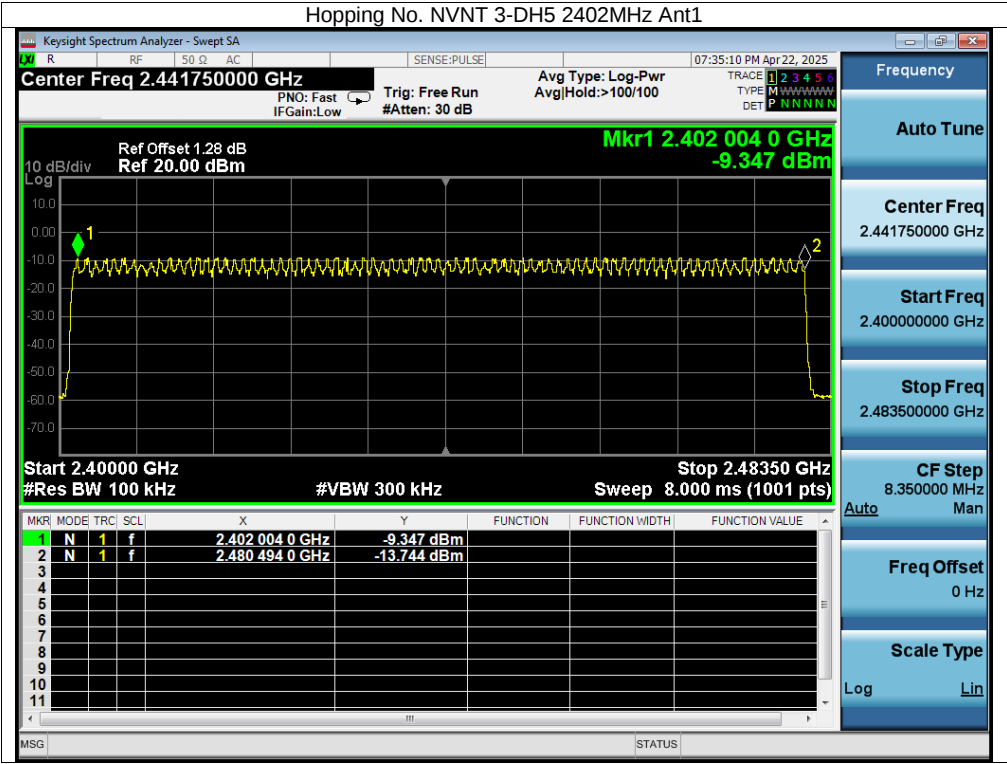




Number of Hopping Channel

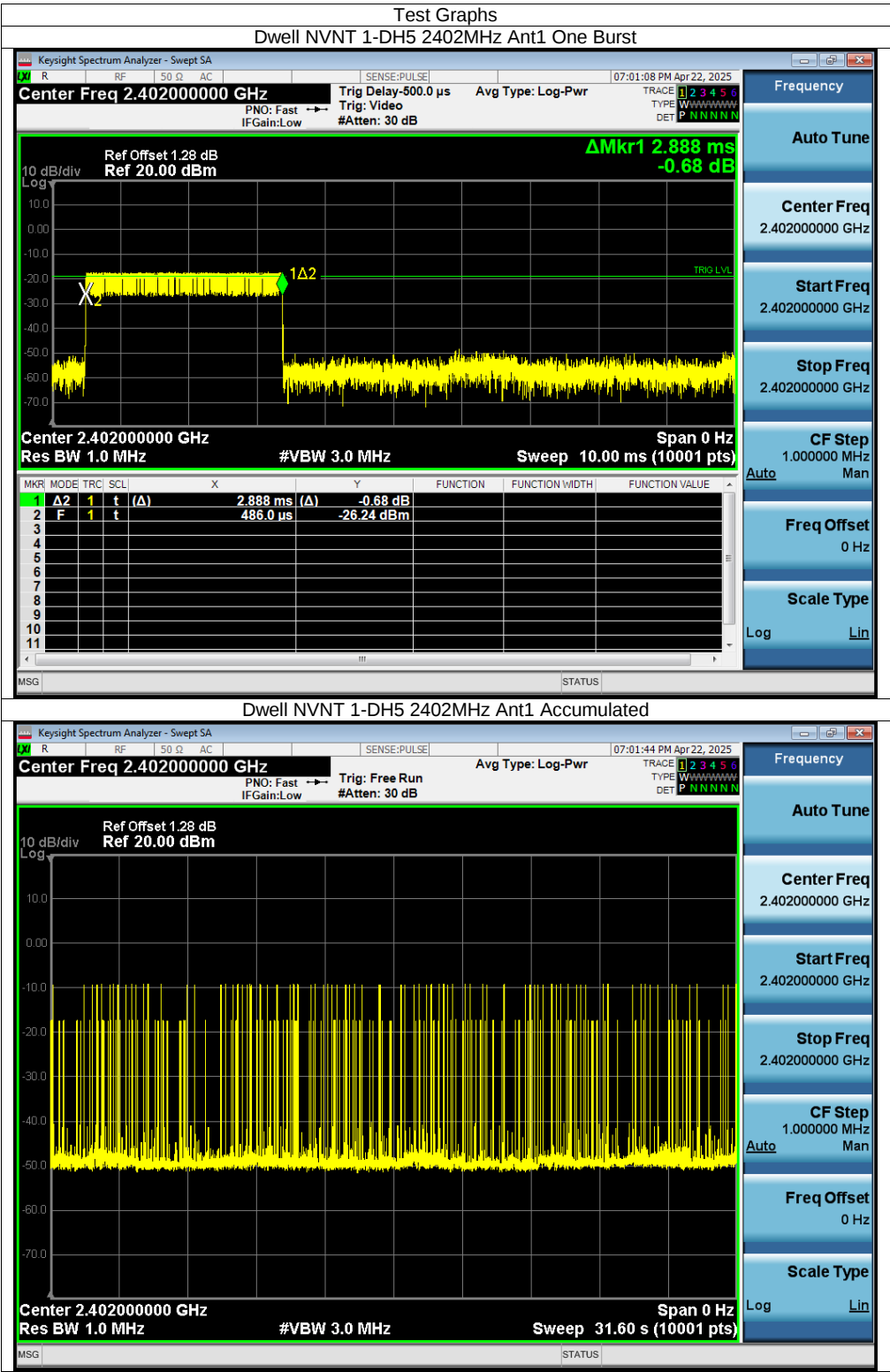
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

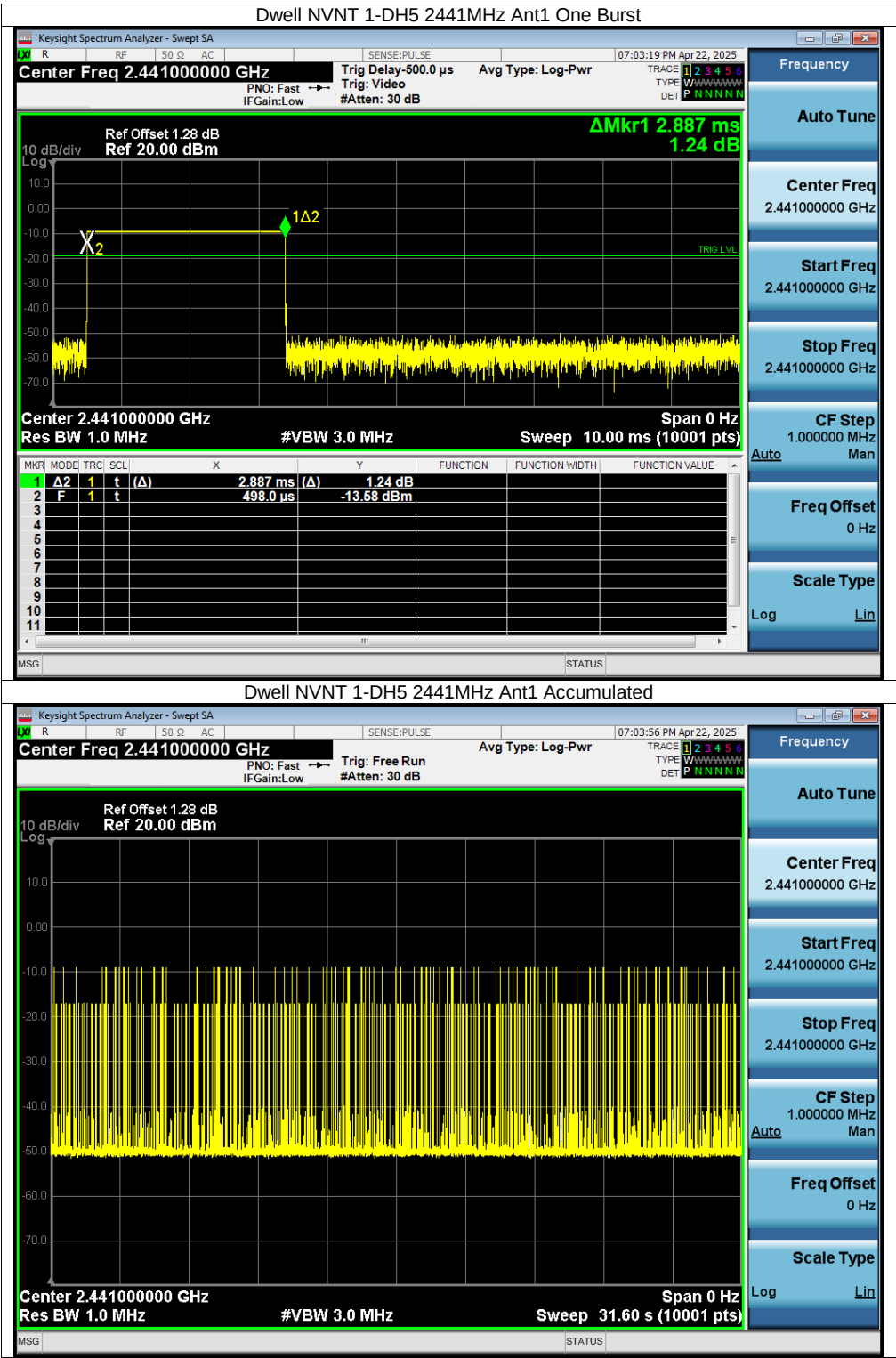


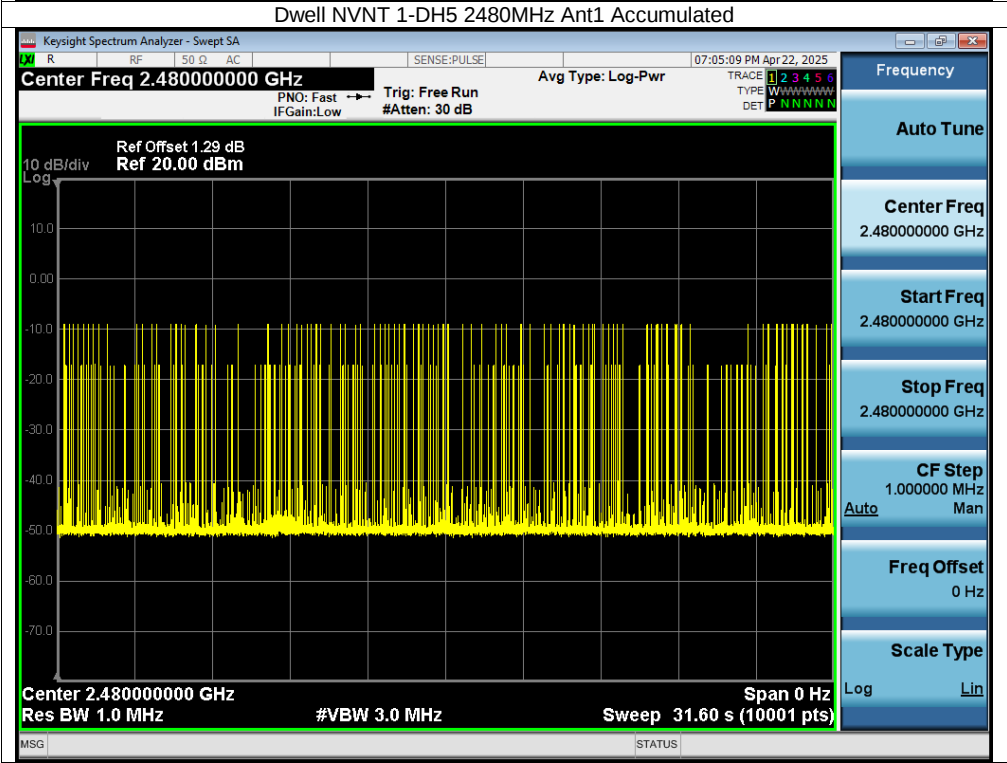
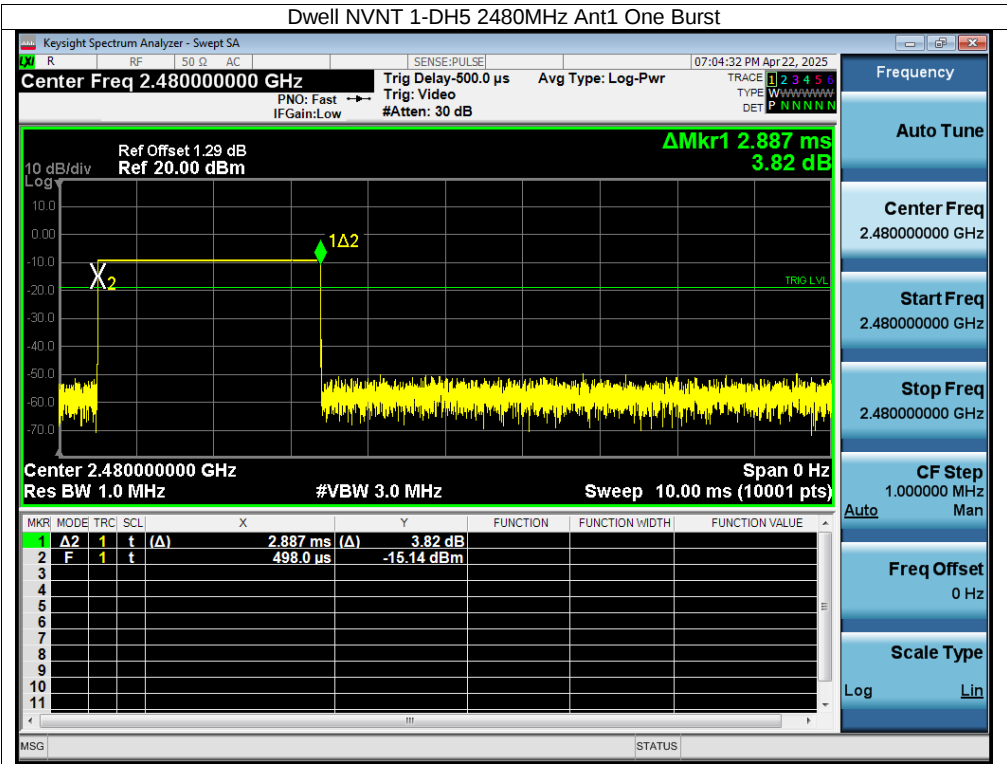


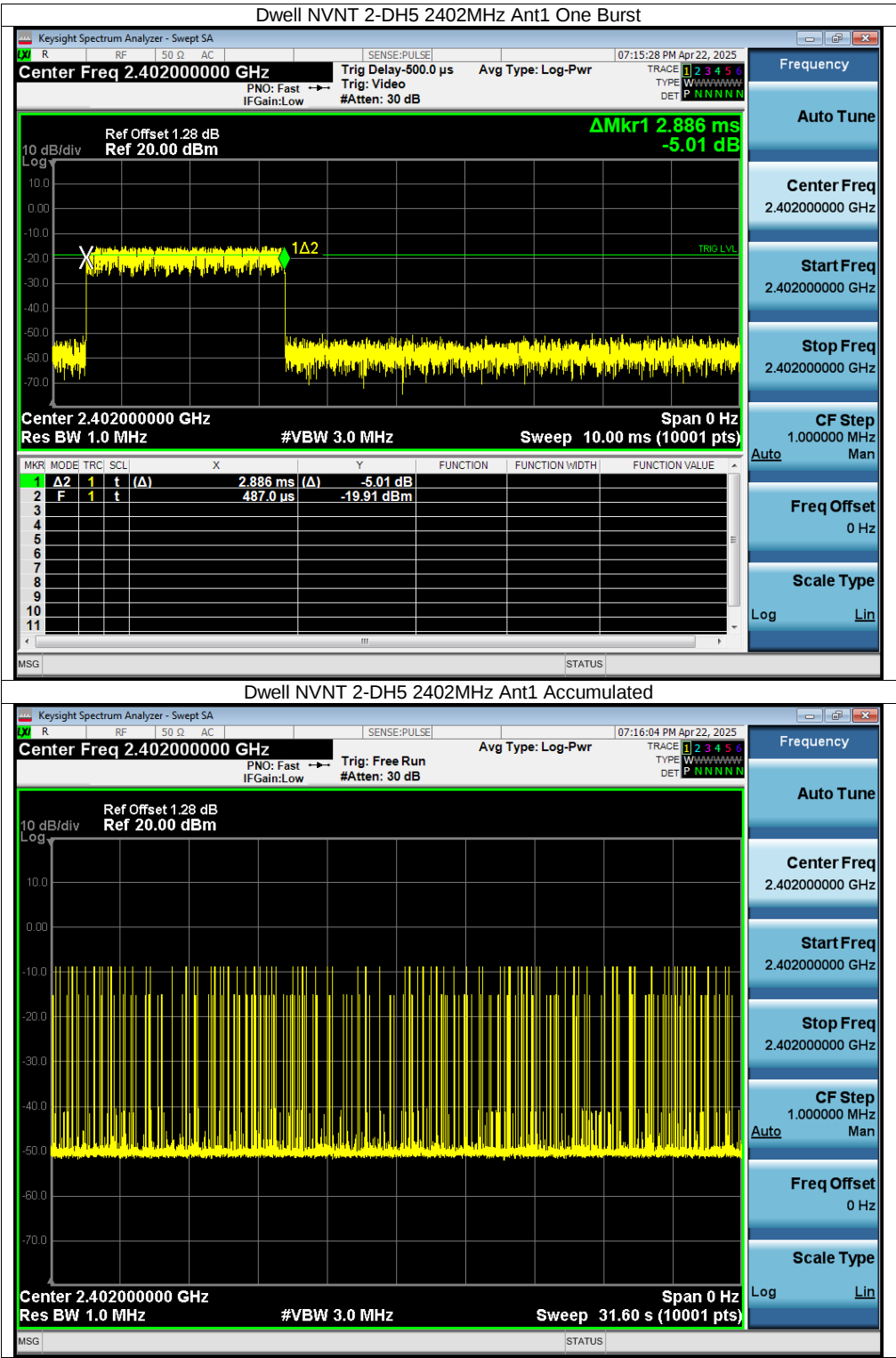
Dwell Time

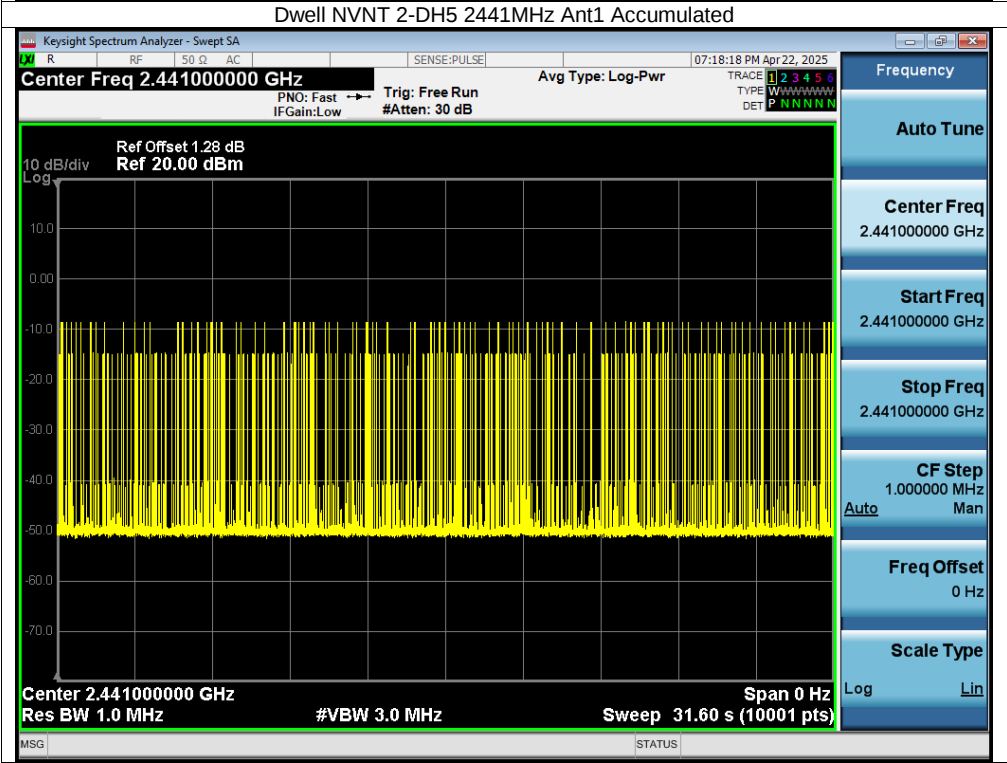
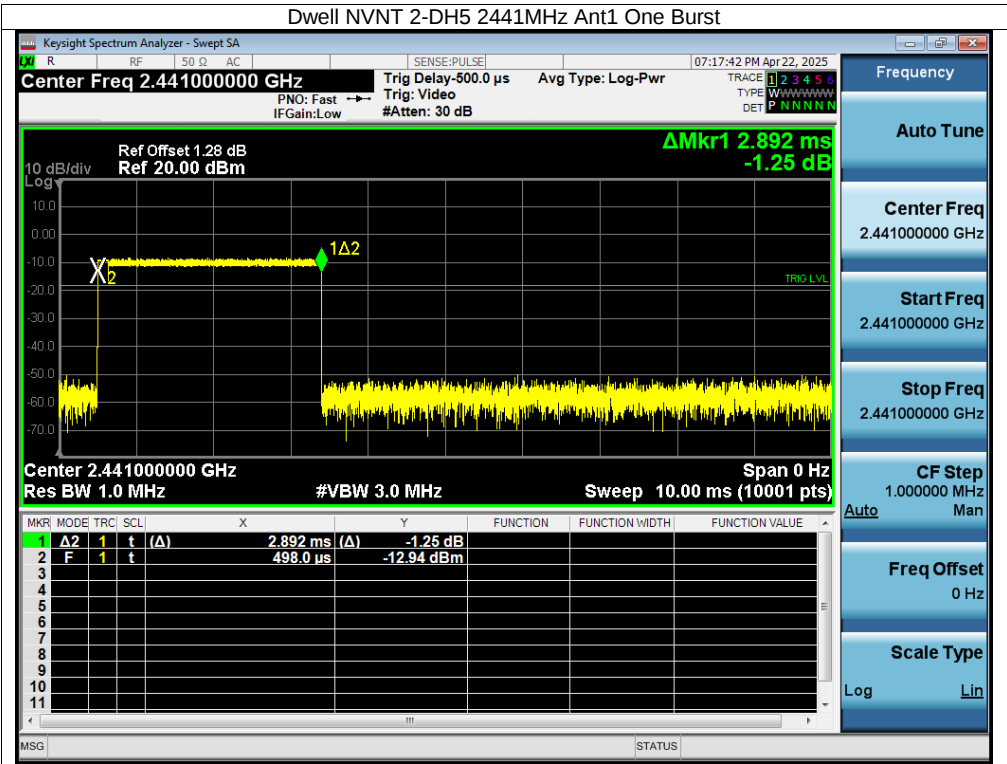
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.888	271.472	94	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.887	285.813	99	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.887	323.344	112	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.886	291.486	101	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	341.256	118	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.891	358.484	124	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.894	309.658	107	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.894	266.248	92	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.893	277.728	96	31600	400	Pass

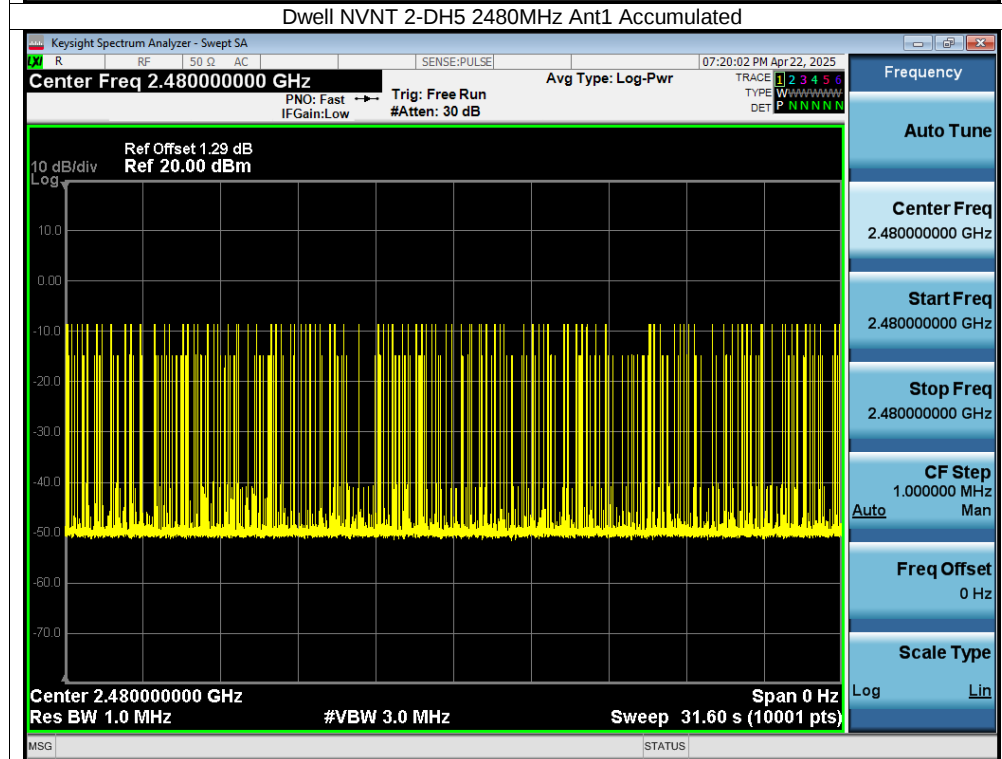
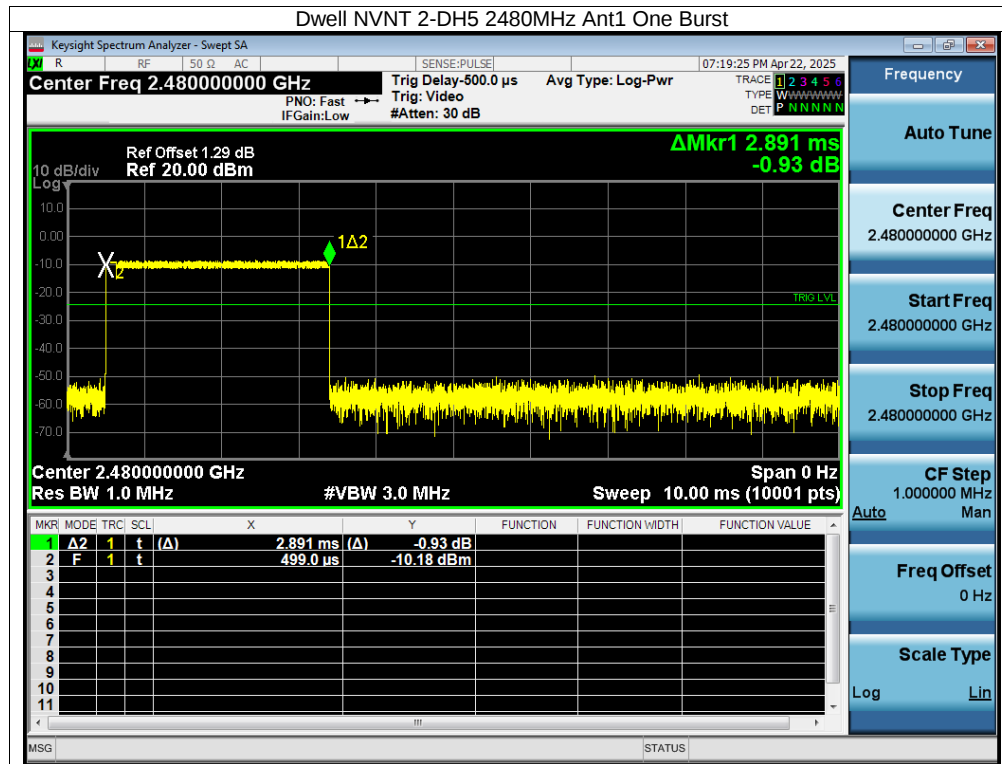


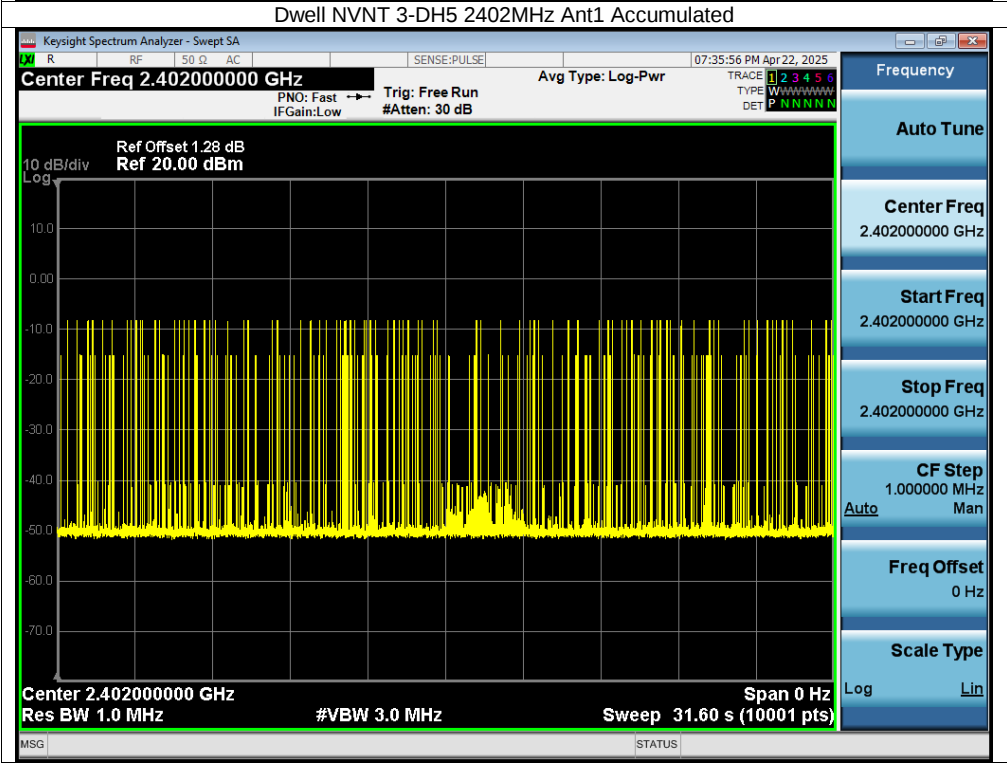
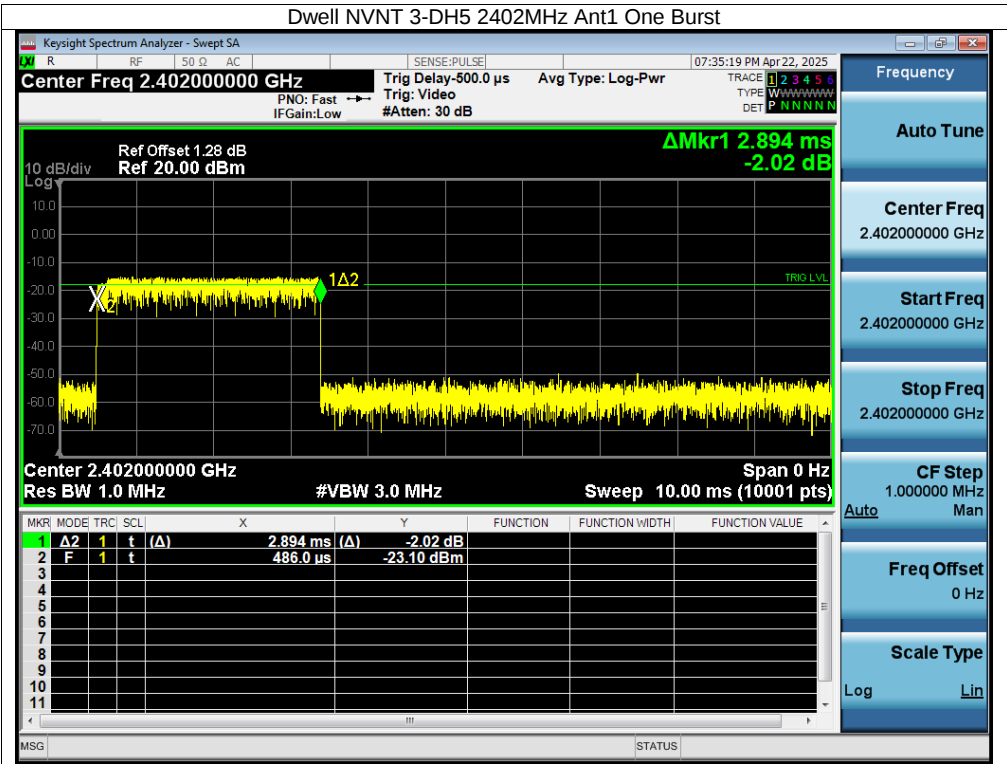


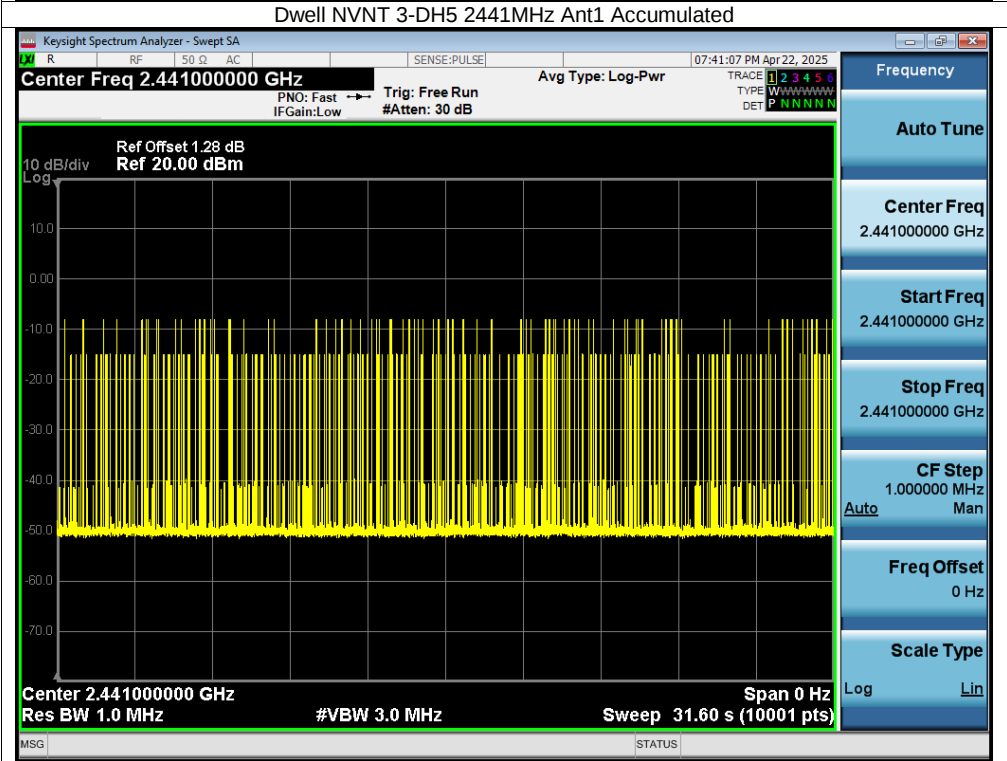
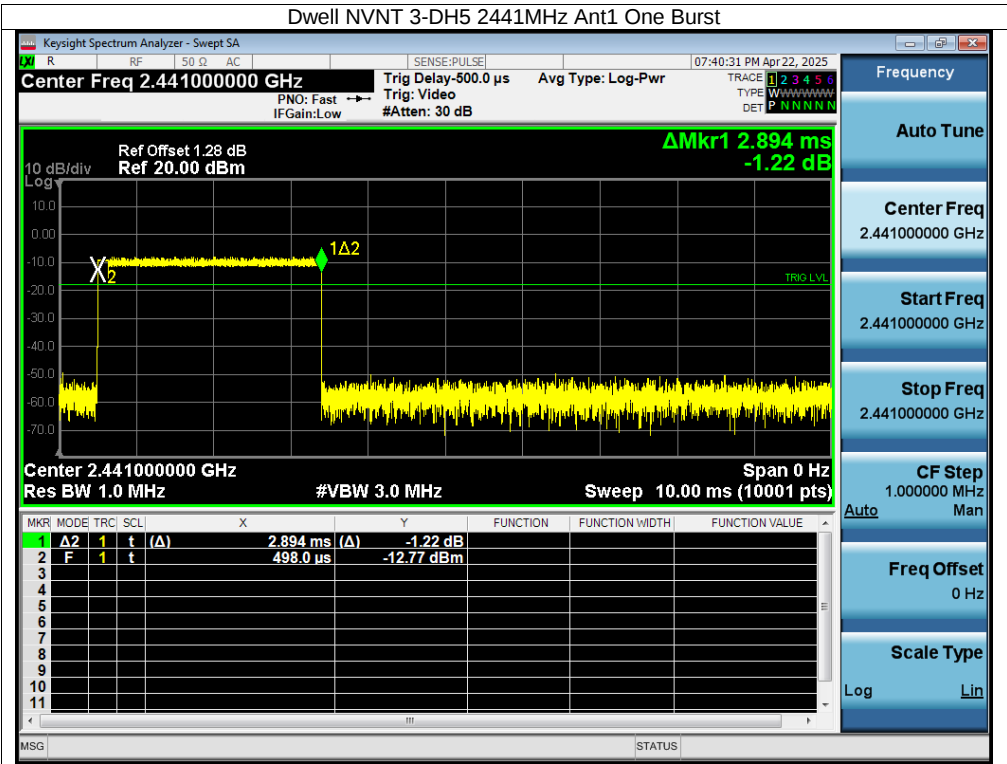


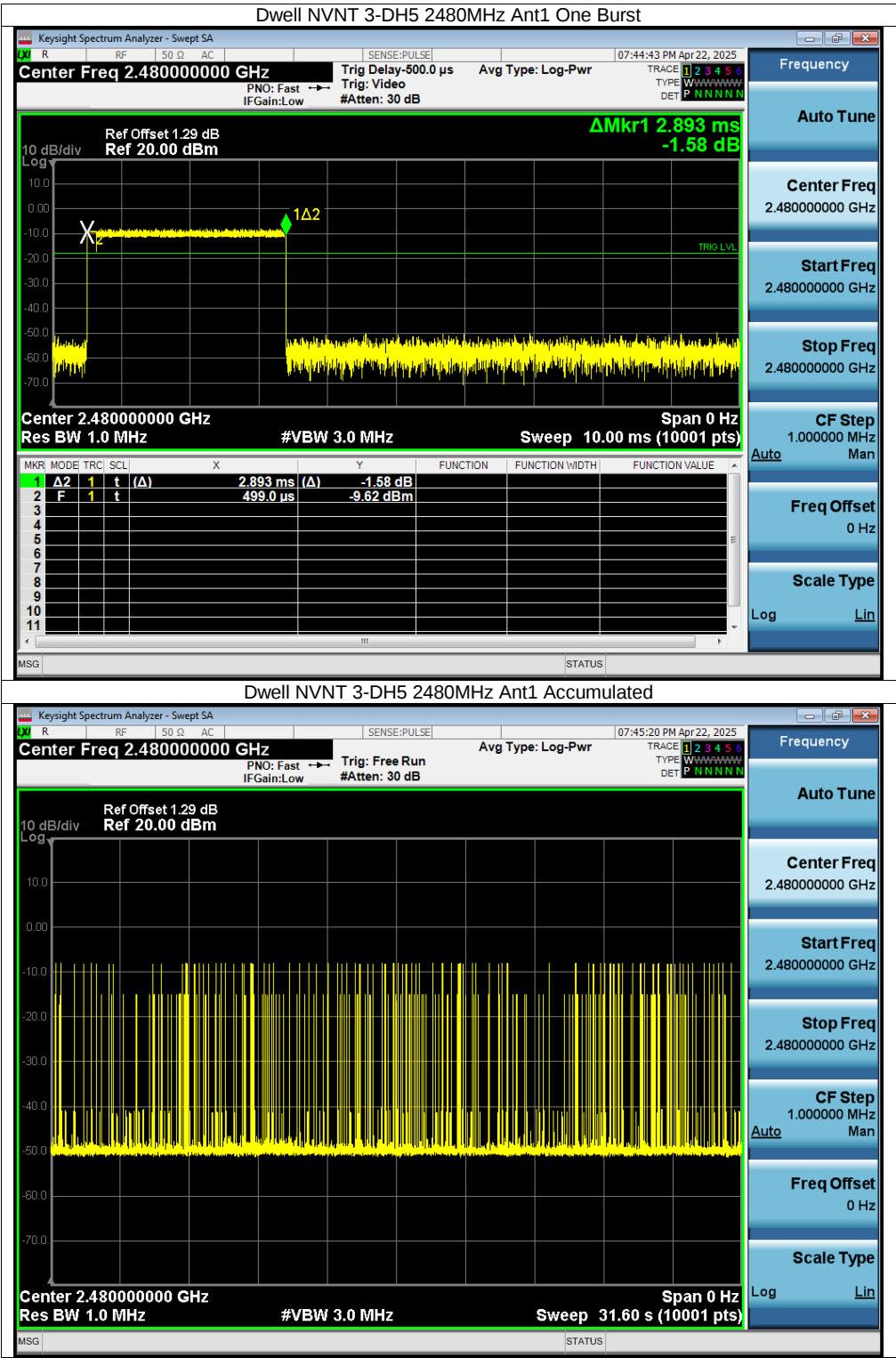






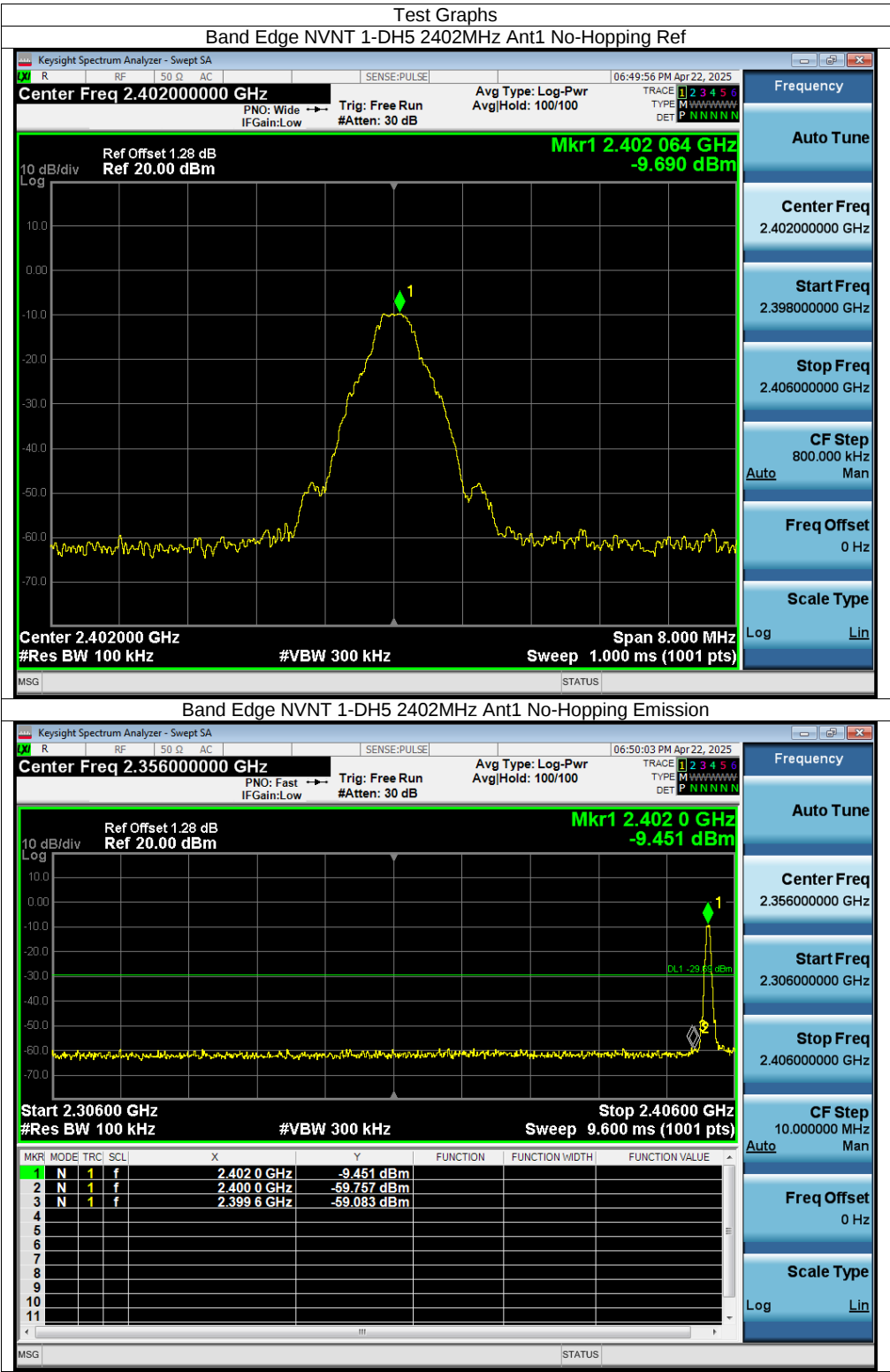


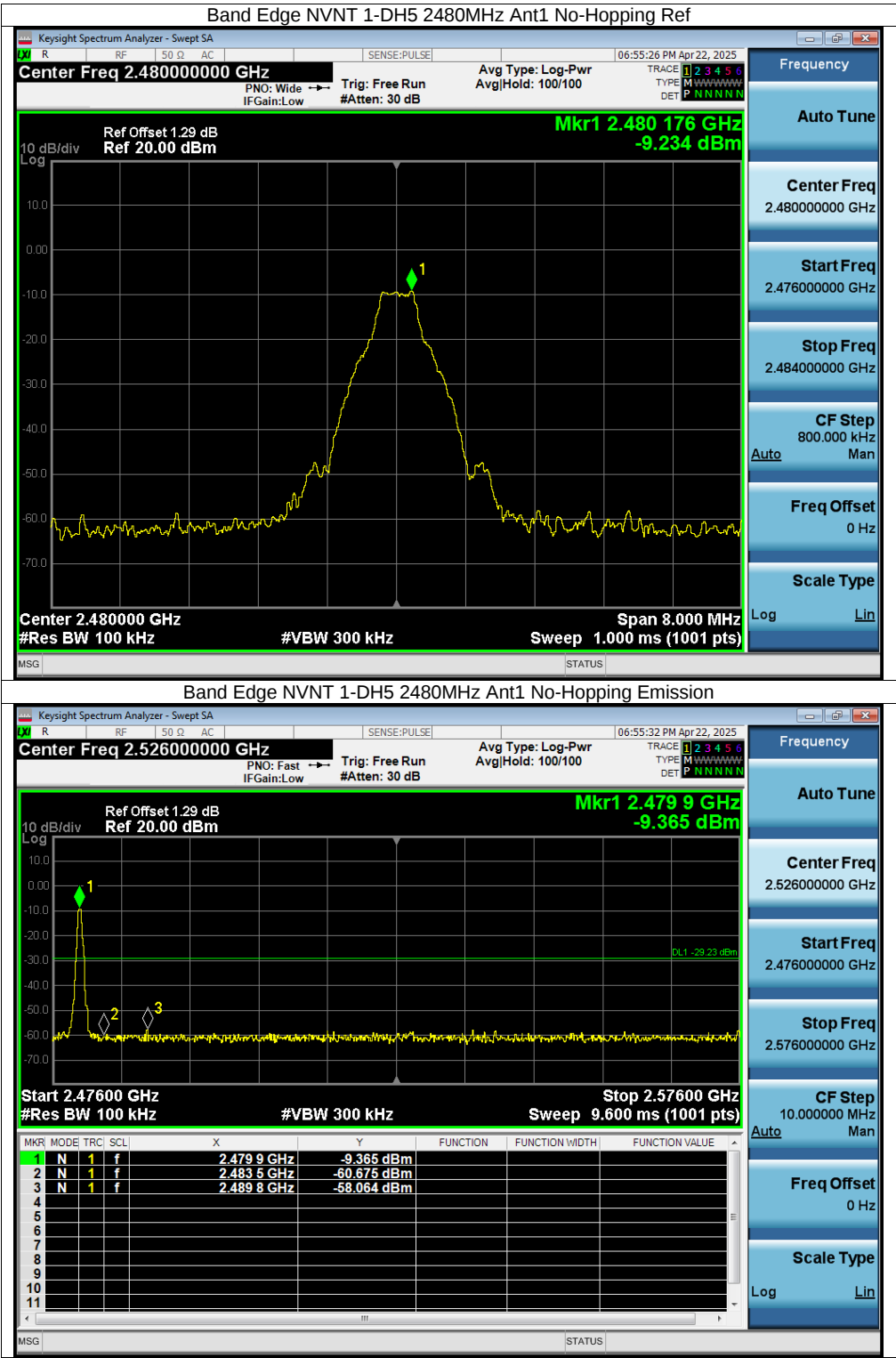


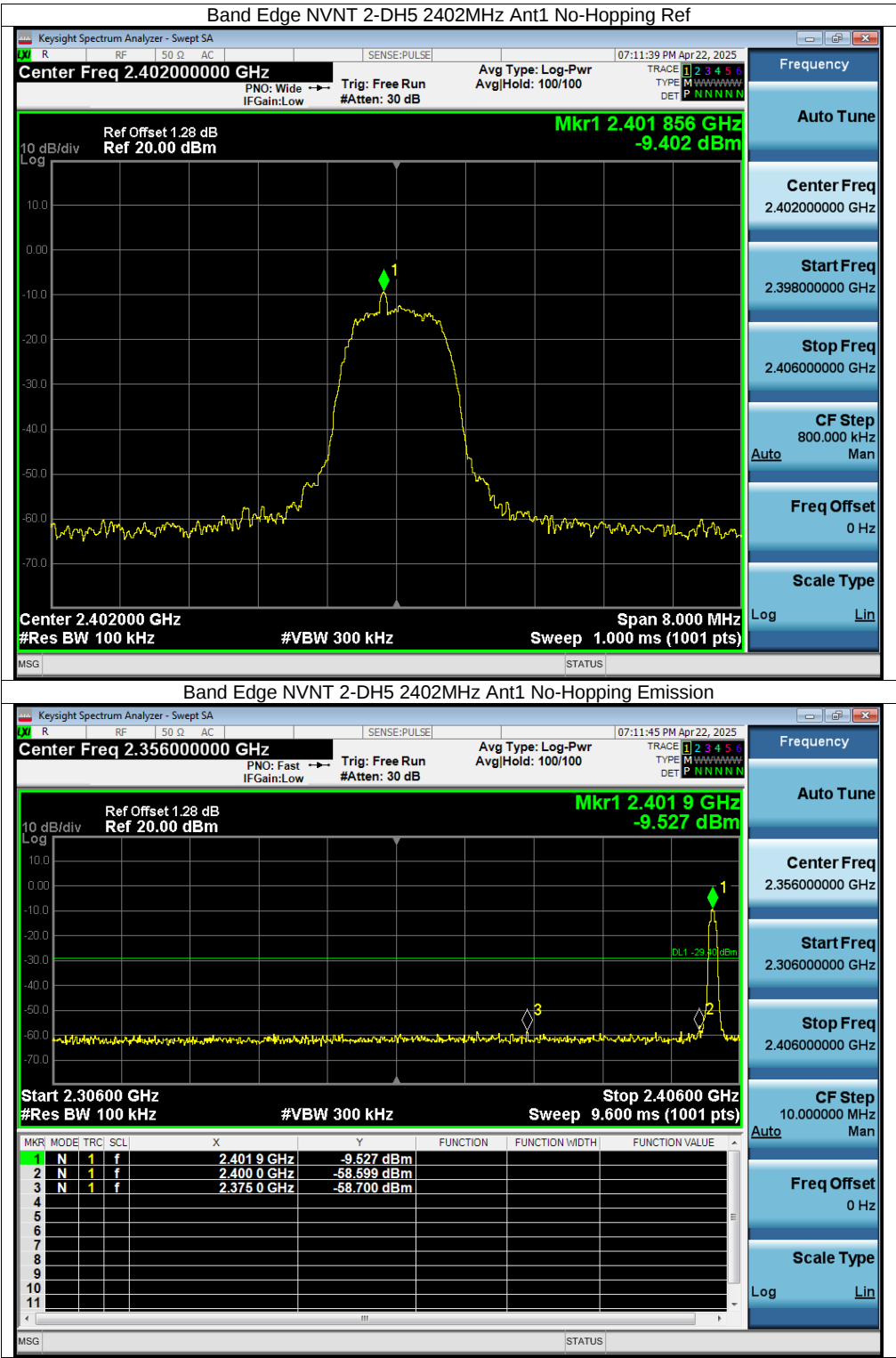


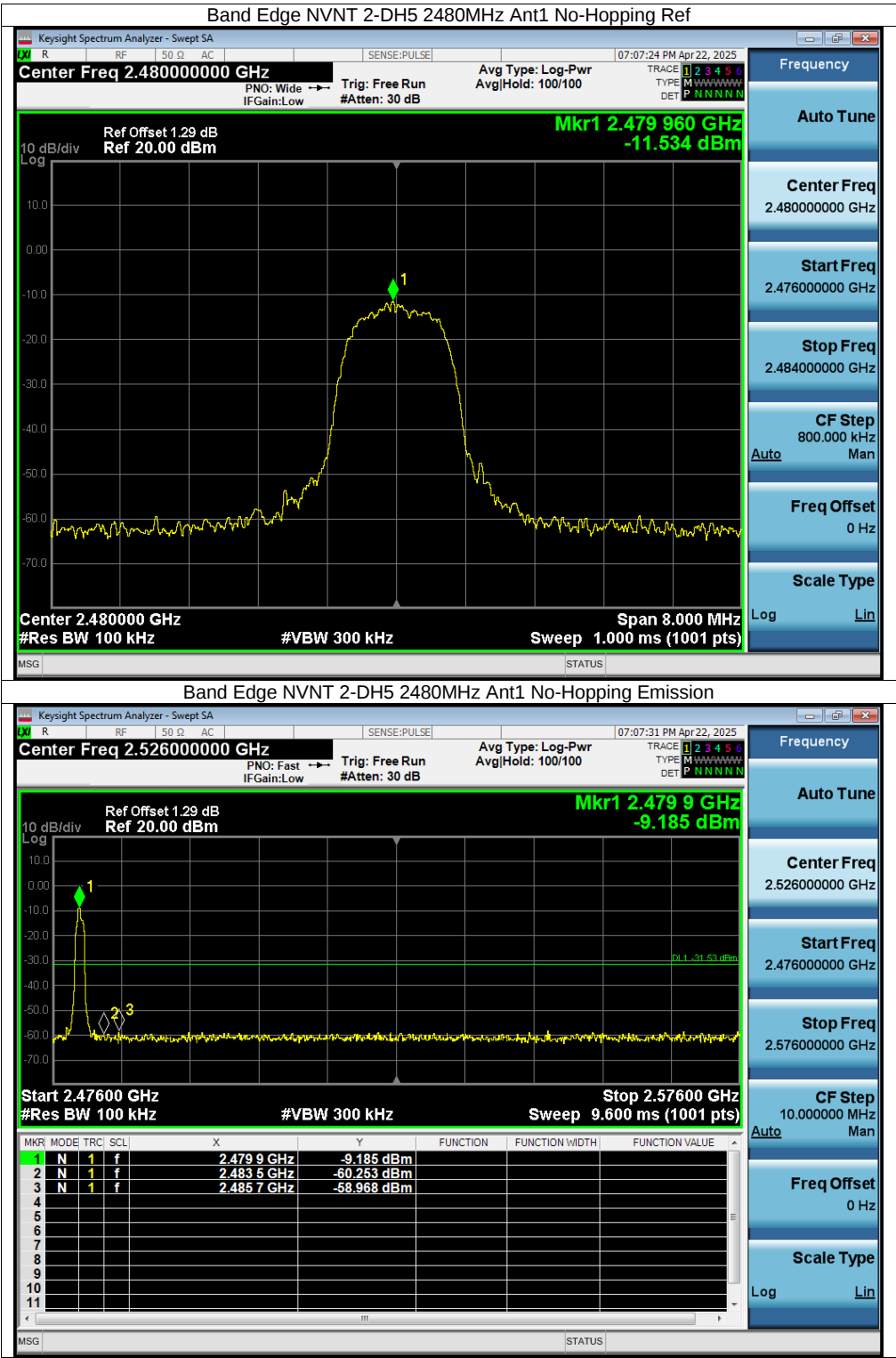
Band Edge

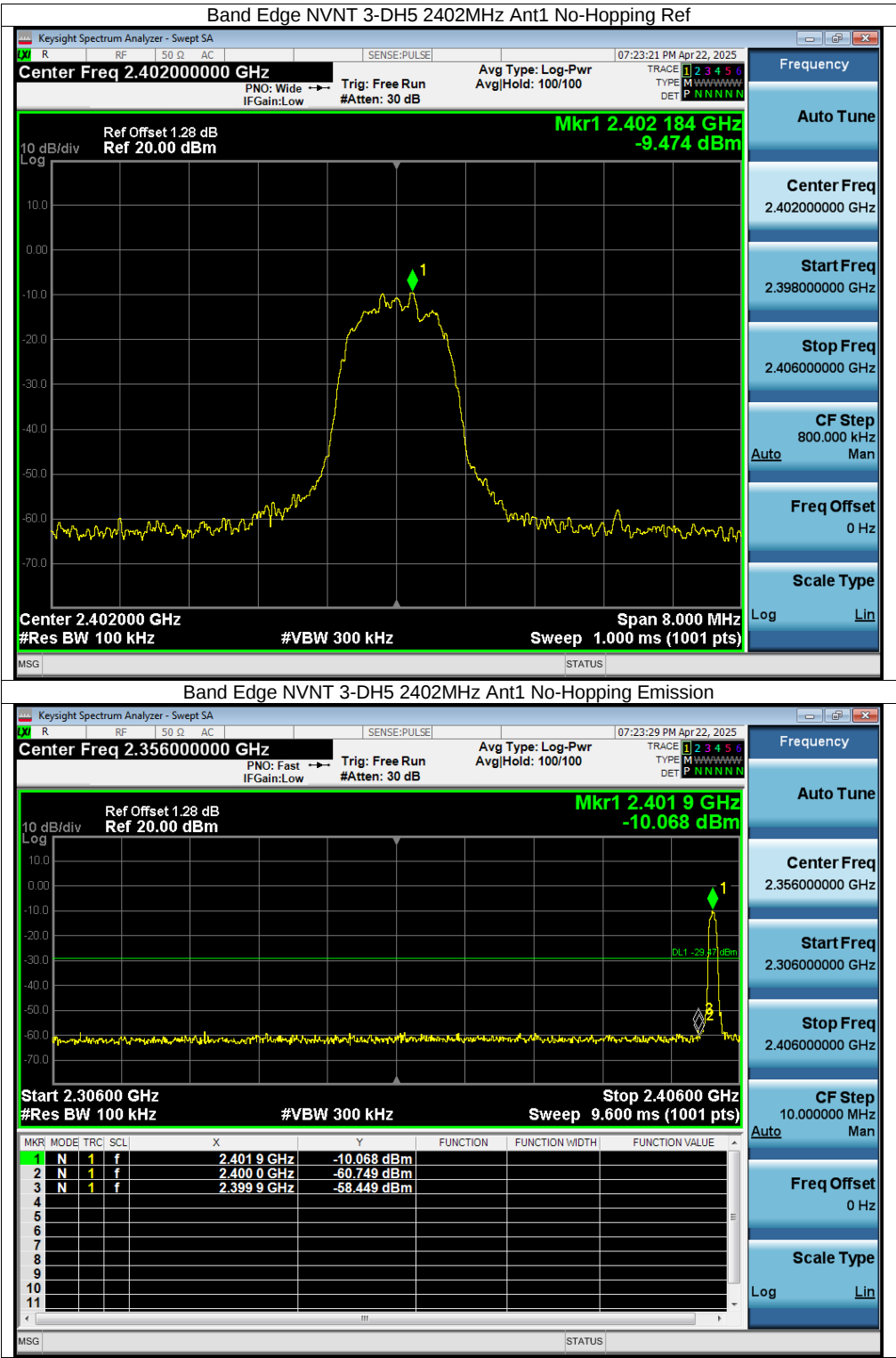
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-49.39	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-48.83	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-49.2	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-47.44	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-48.98	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-49.8	-20	Pass

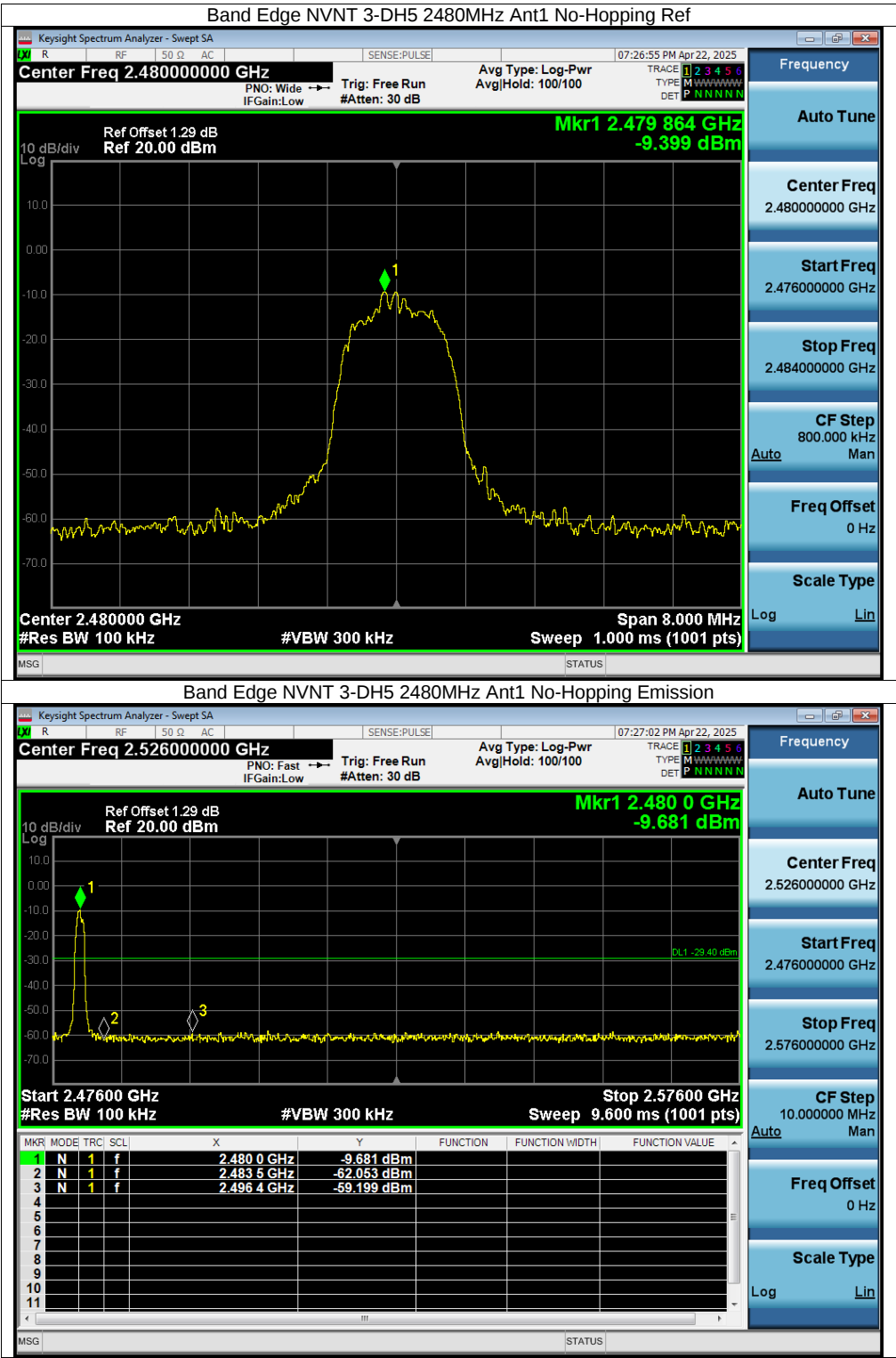










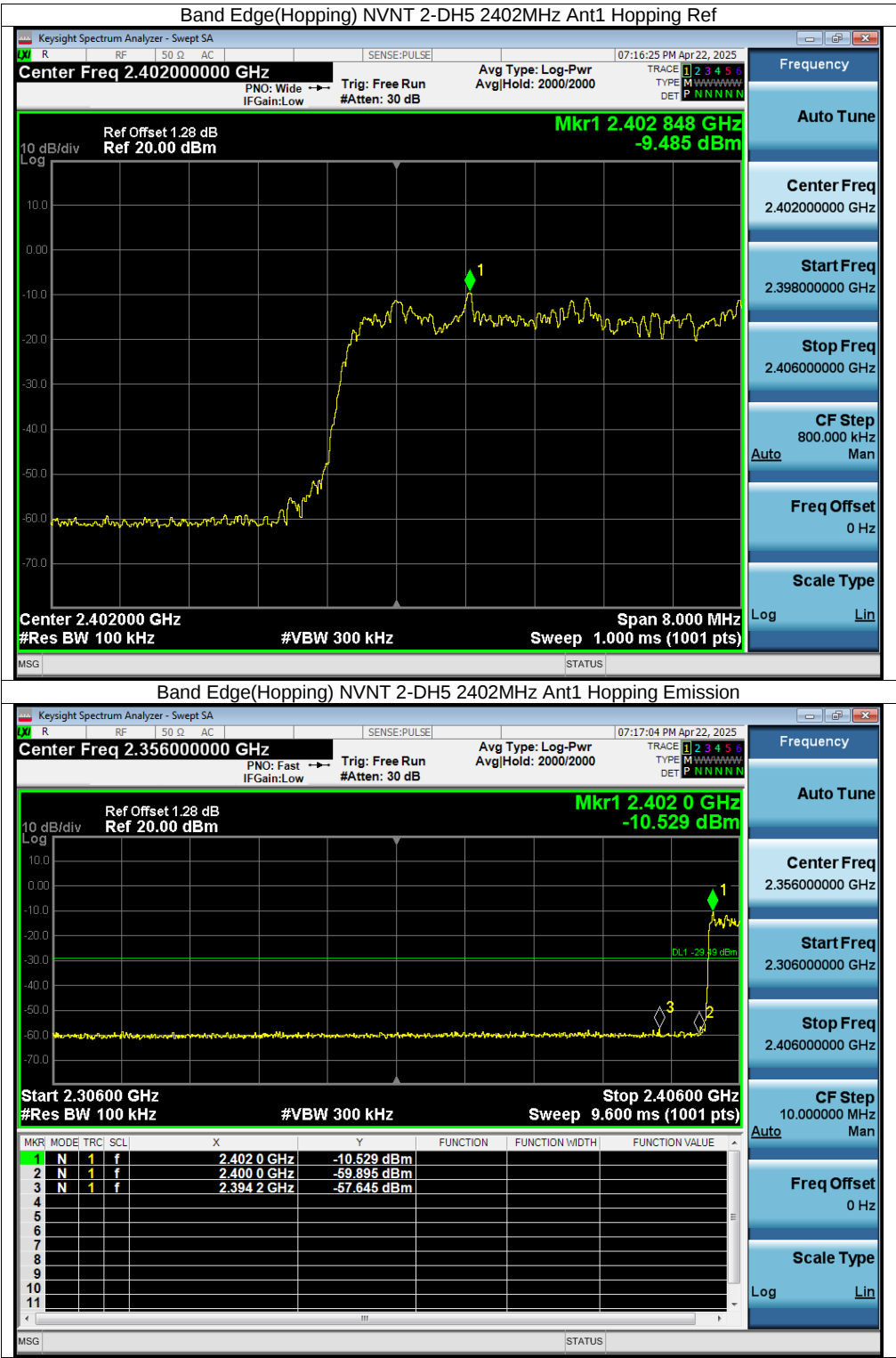


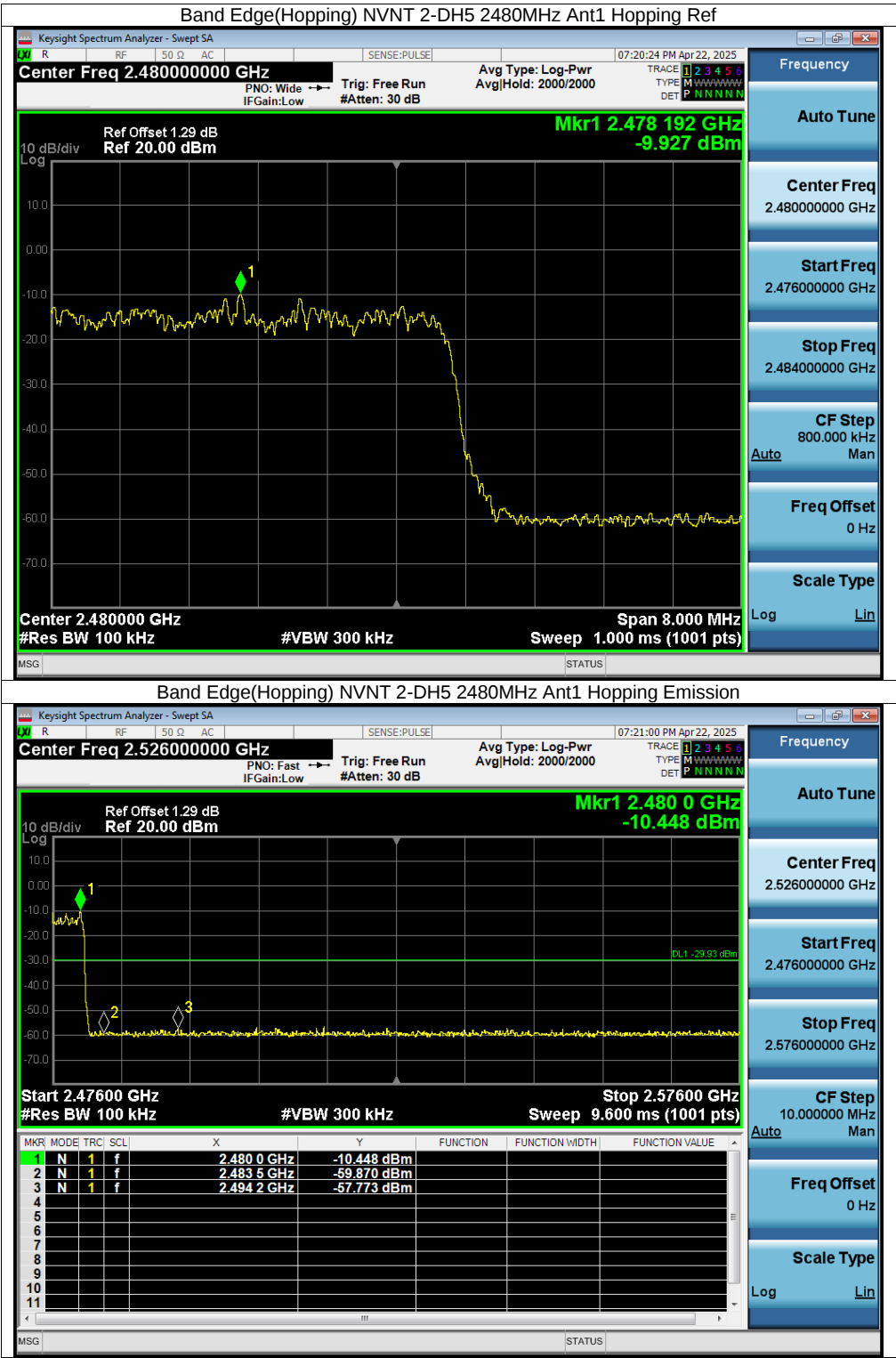
Band Edge(Hopping)

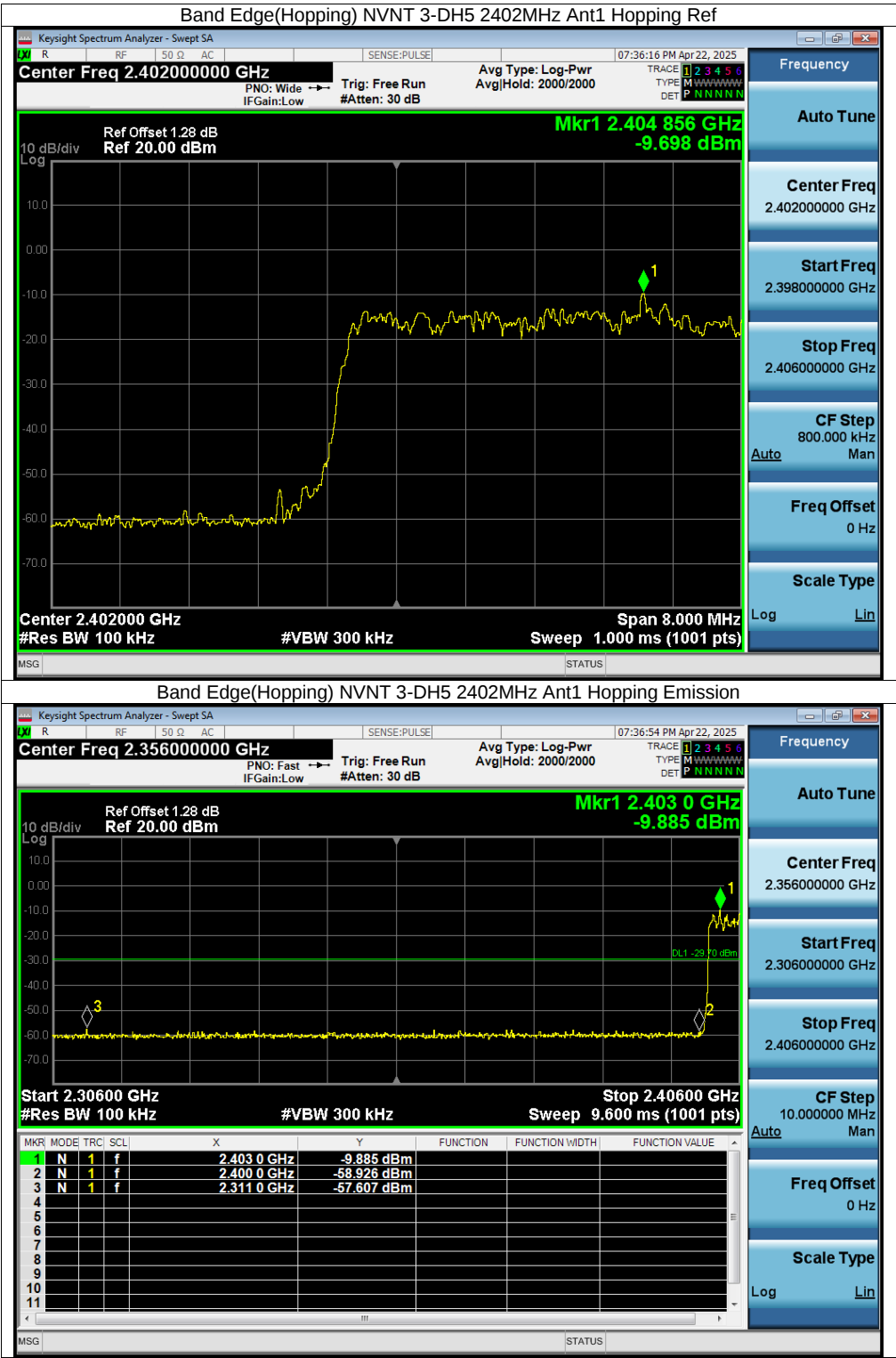
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-48.1	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-48.17	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-48.17	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-47.84	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-47.91	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-46.63	-20	Pass

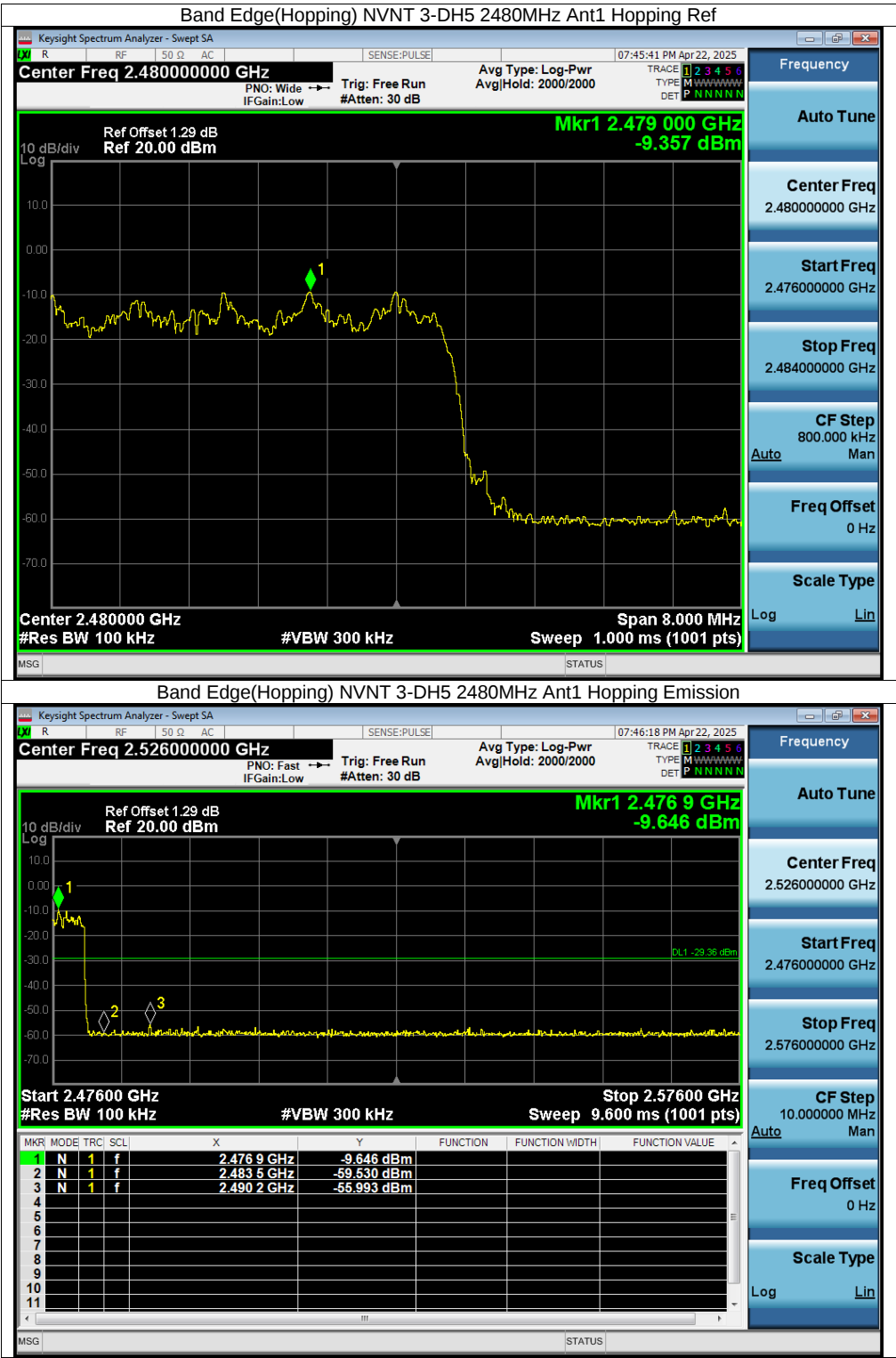






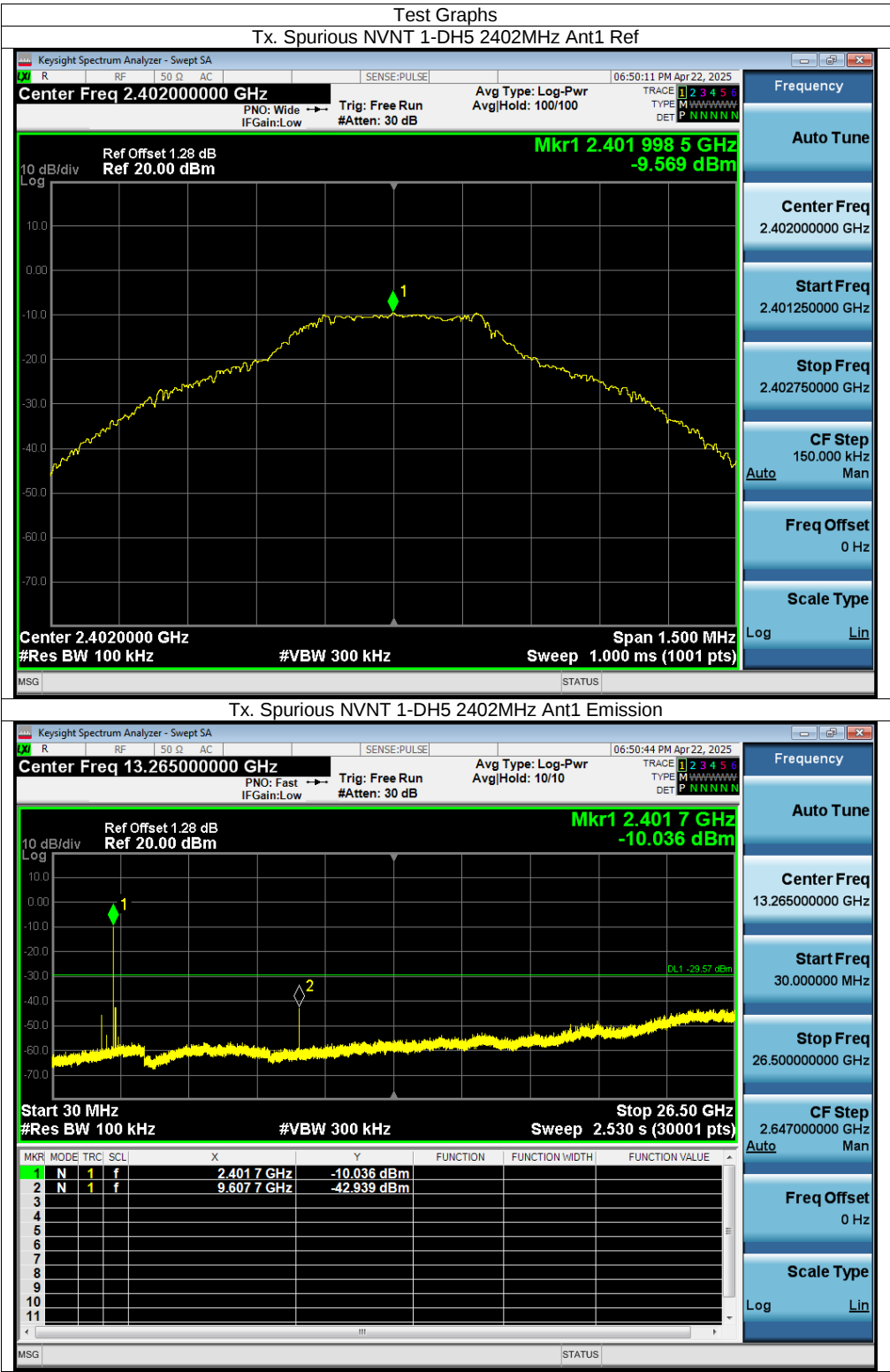


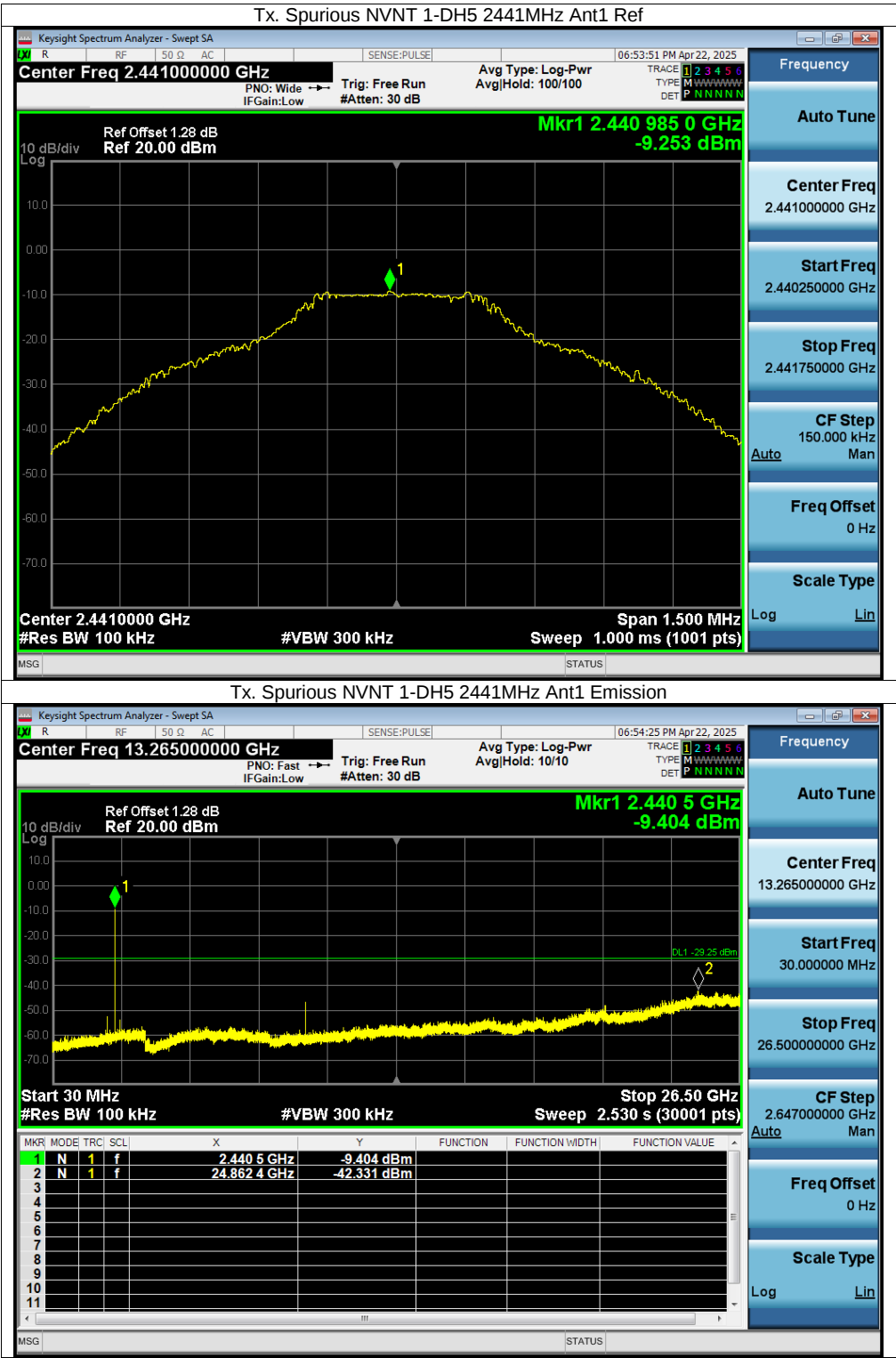


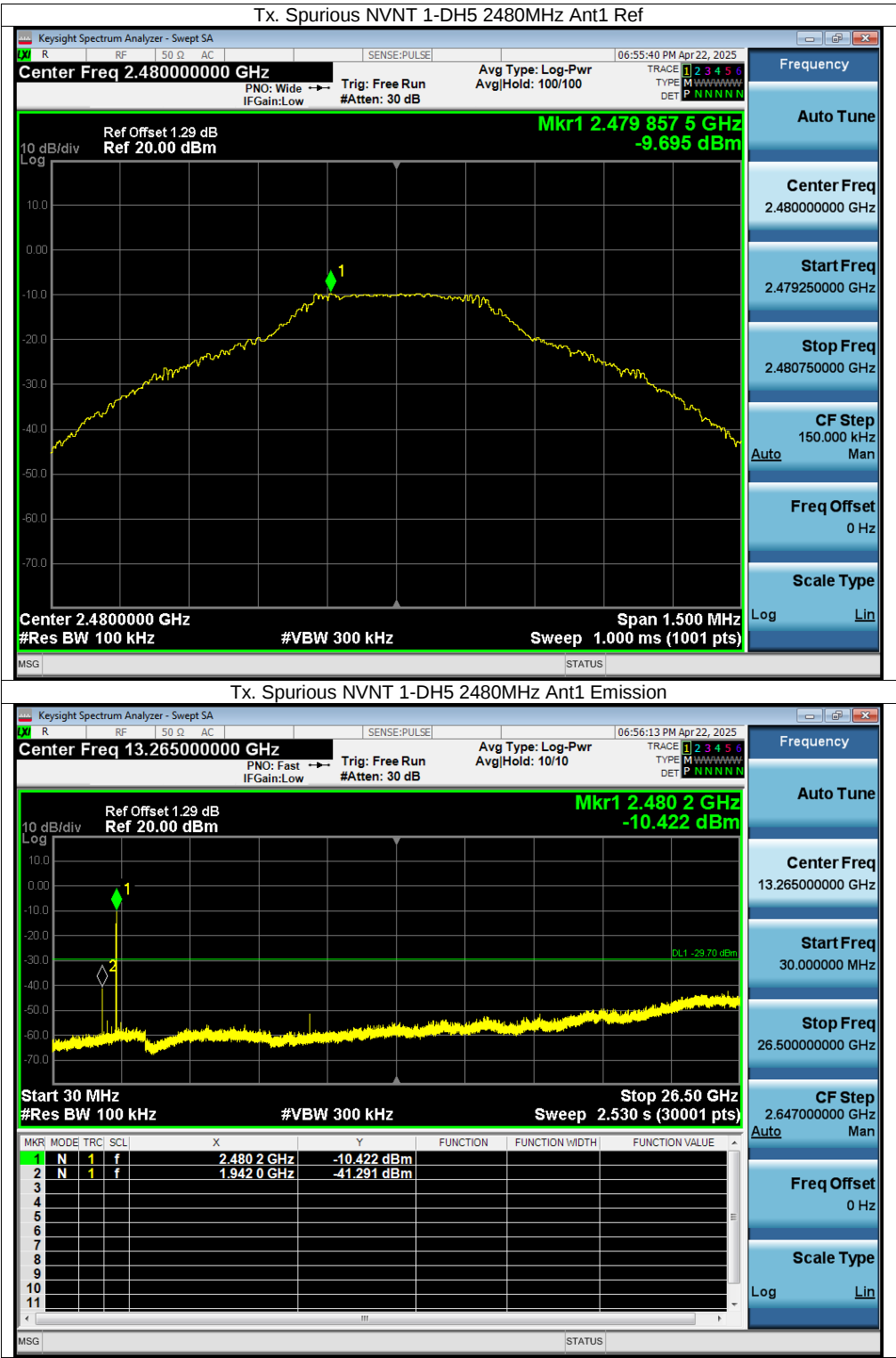


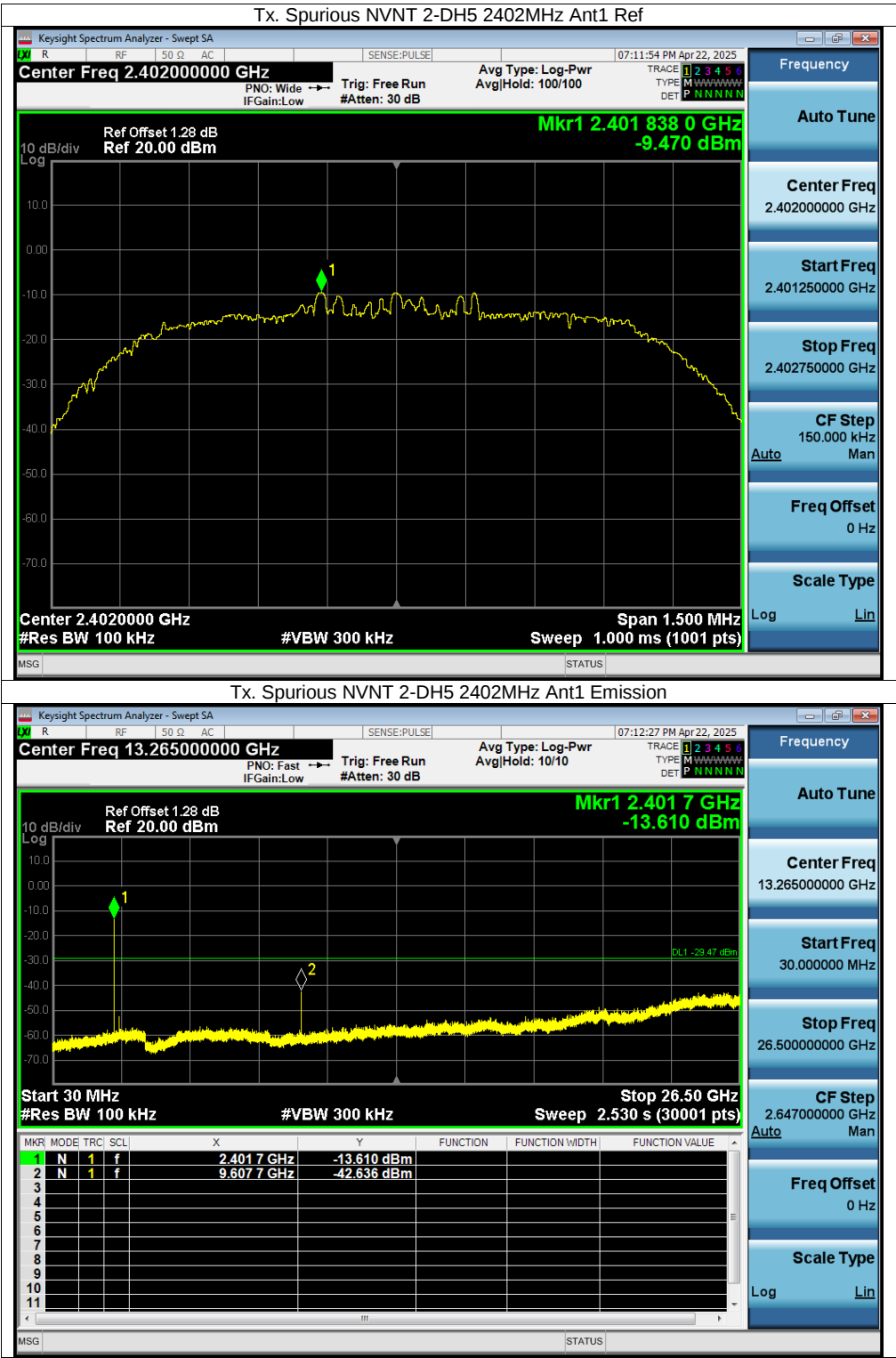
Conducted RF Spurious Emission

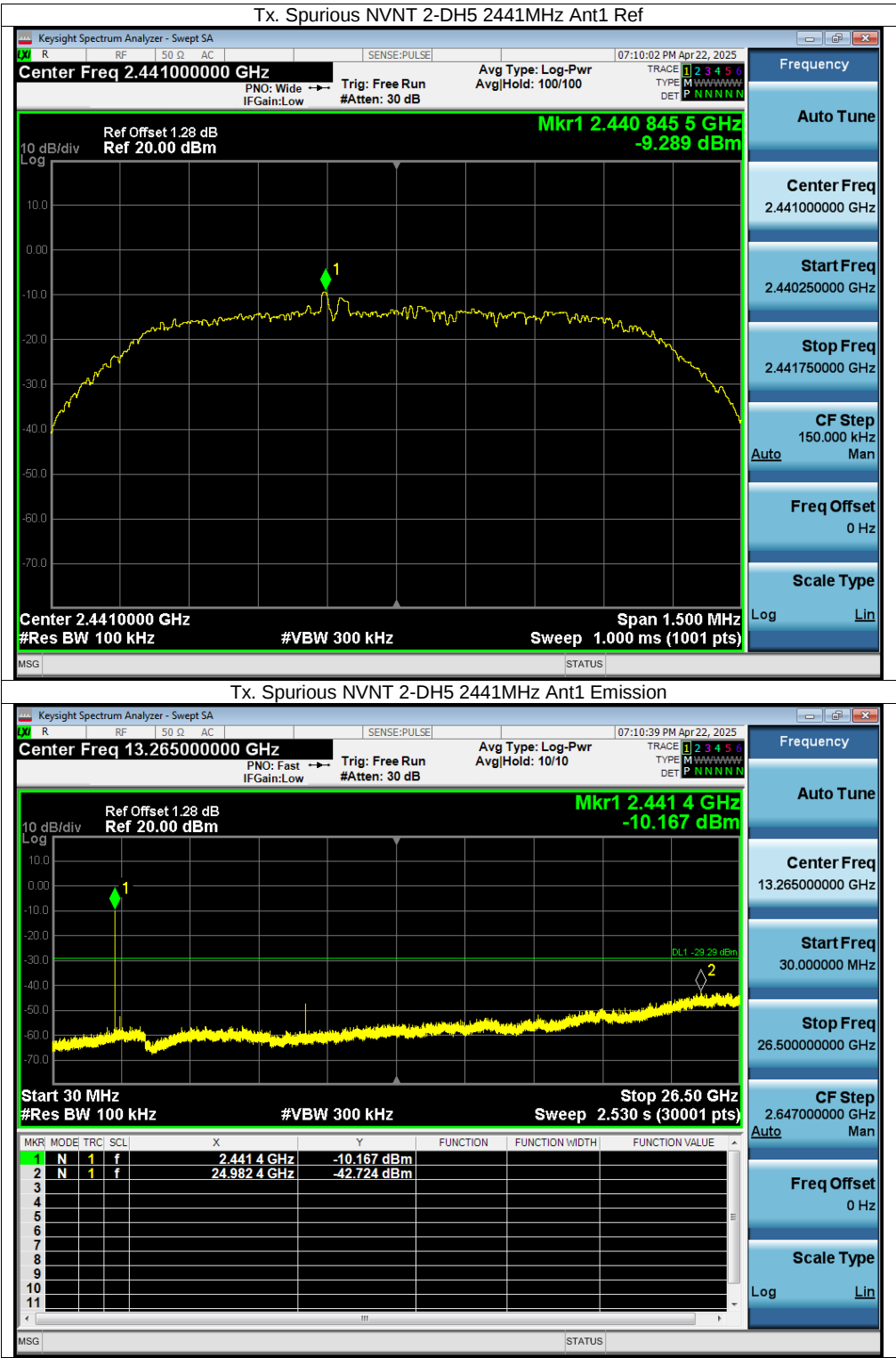
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-33.37	-20	Pass
NVNT	1-DH5	2441	Ant1	-33.08	-20	Pass
NVNT	1-DH5	2480	Ant1	-31.6	-20	Pass
NVNT	2-DH5	2402	Ant1	-33.17	-20	Pass
NVNT	2-DH5	2441	Ant1	-33.43	-20	Pass
NVNT	2-DH5	2480	Ant1	-33.71	-20	Pass
NVNT	3-DH5	2402	Ant1	-32.86	-20	Pass
NVNT	3-DH5	2441	Ant1	-34.01	-20	Pass
NVNT	3-DH5	2480	Ant1	-33.06	-20	Pass

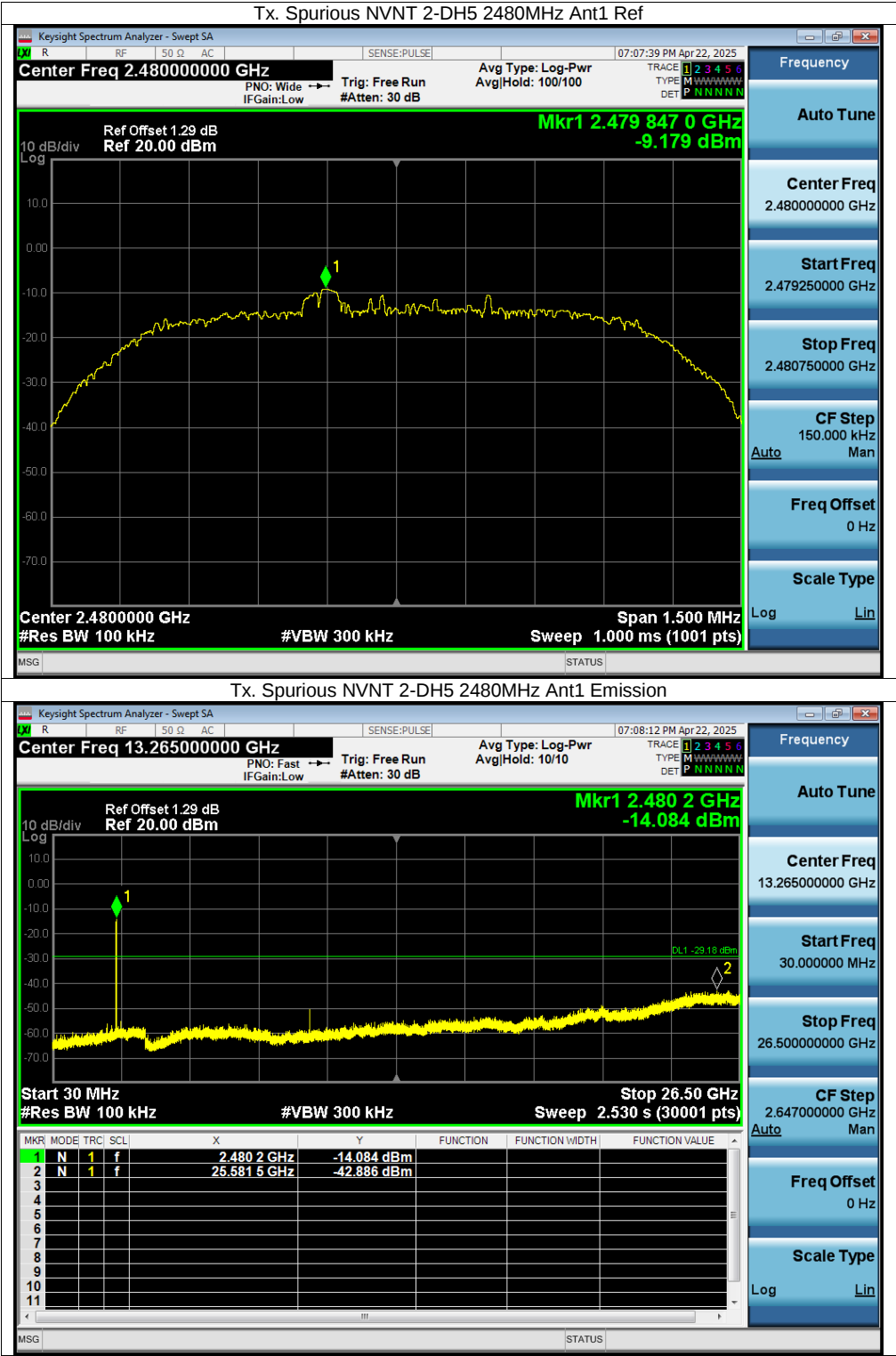




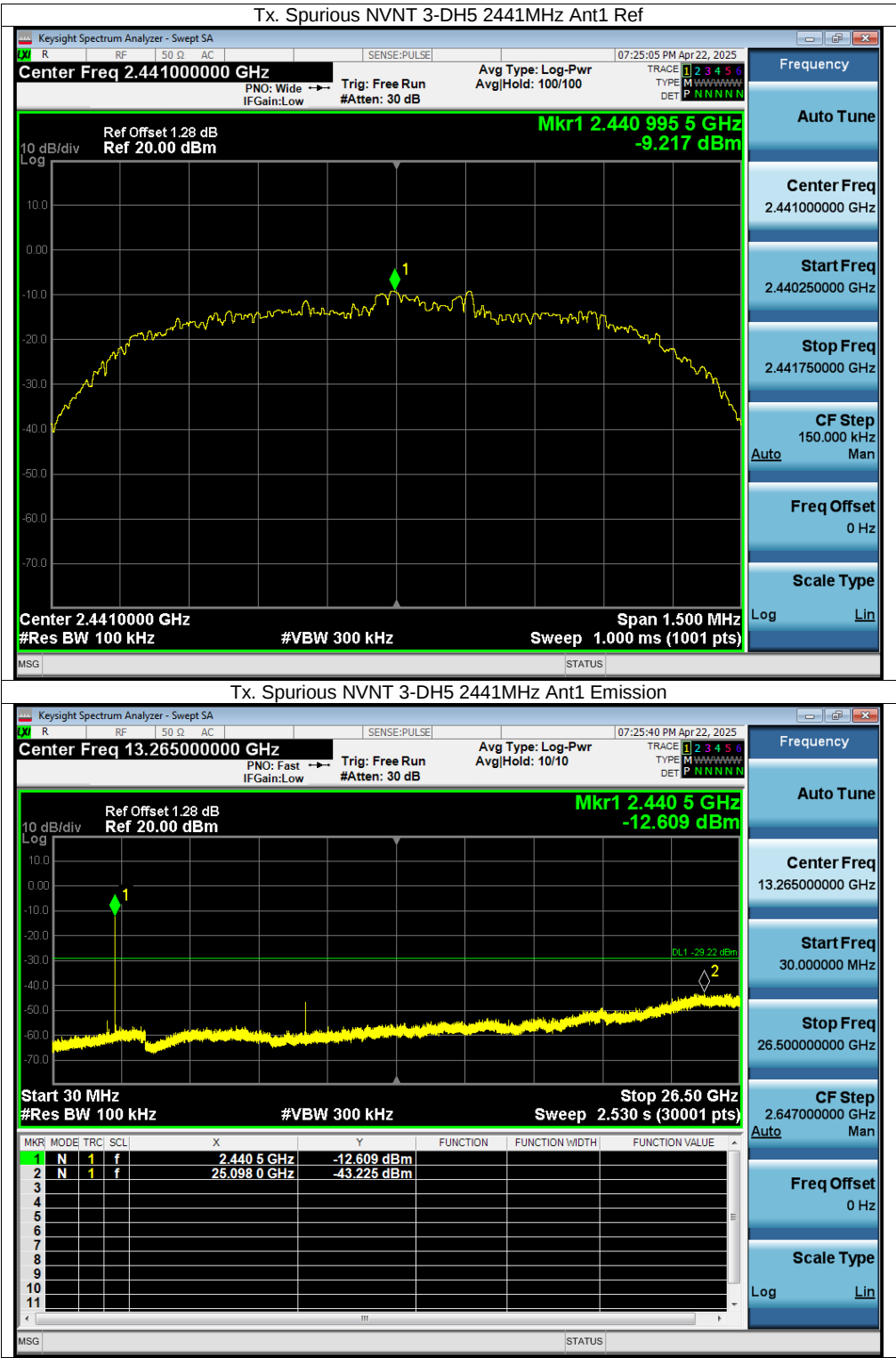


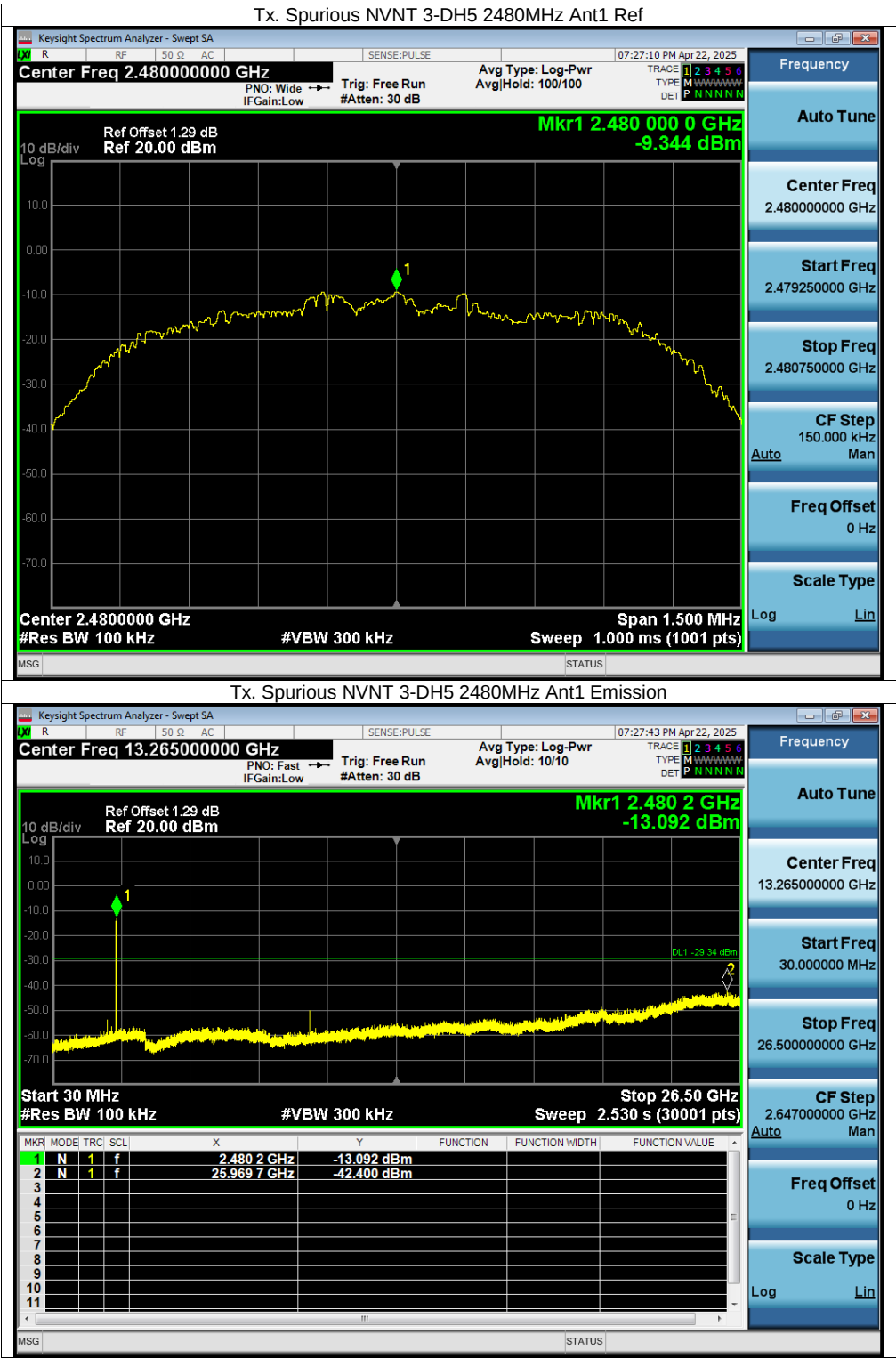












END OF REPORT