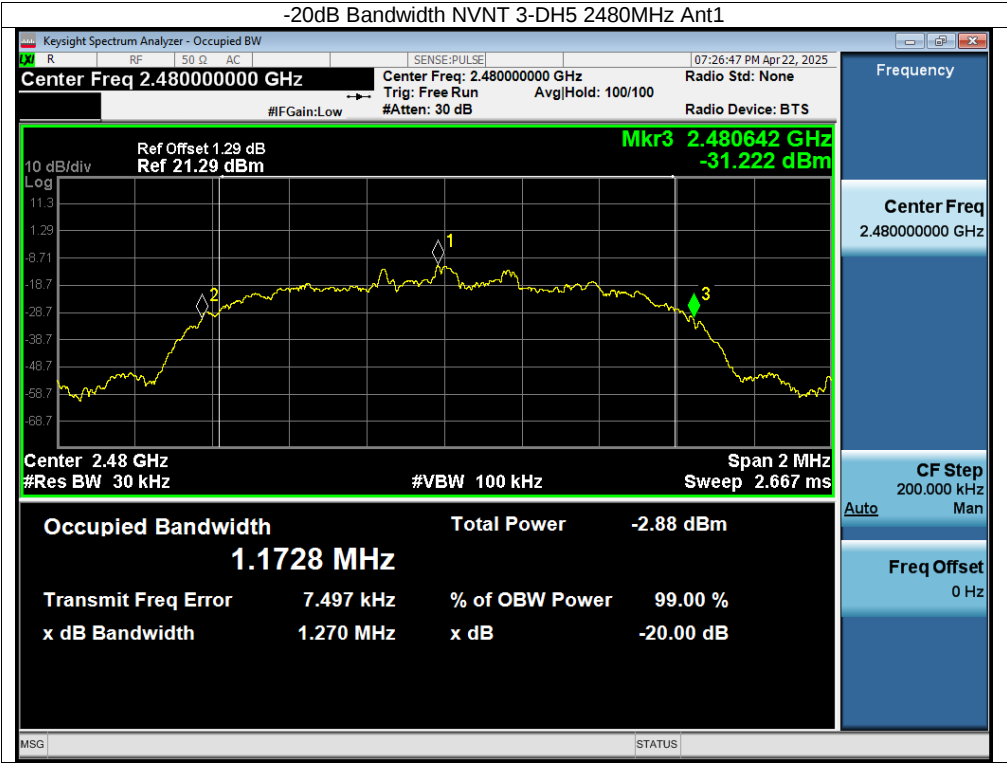
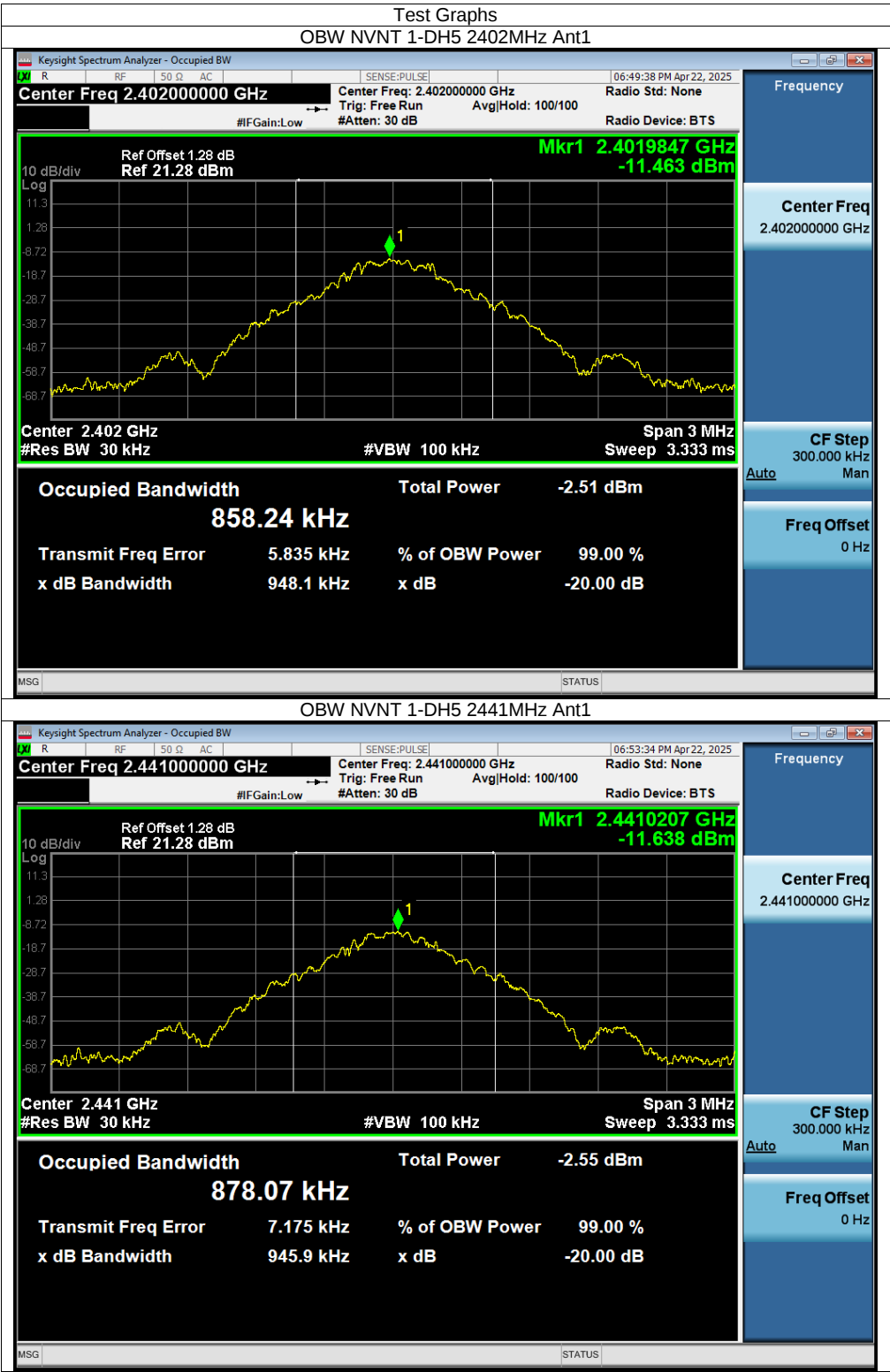




Occupied Channel Bandwidth

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





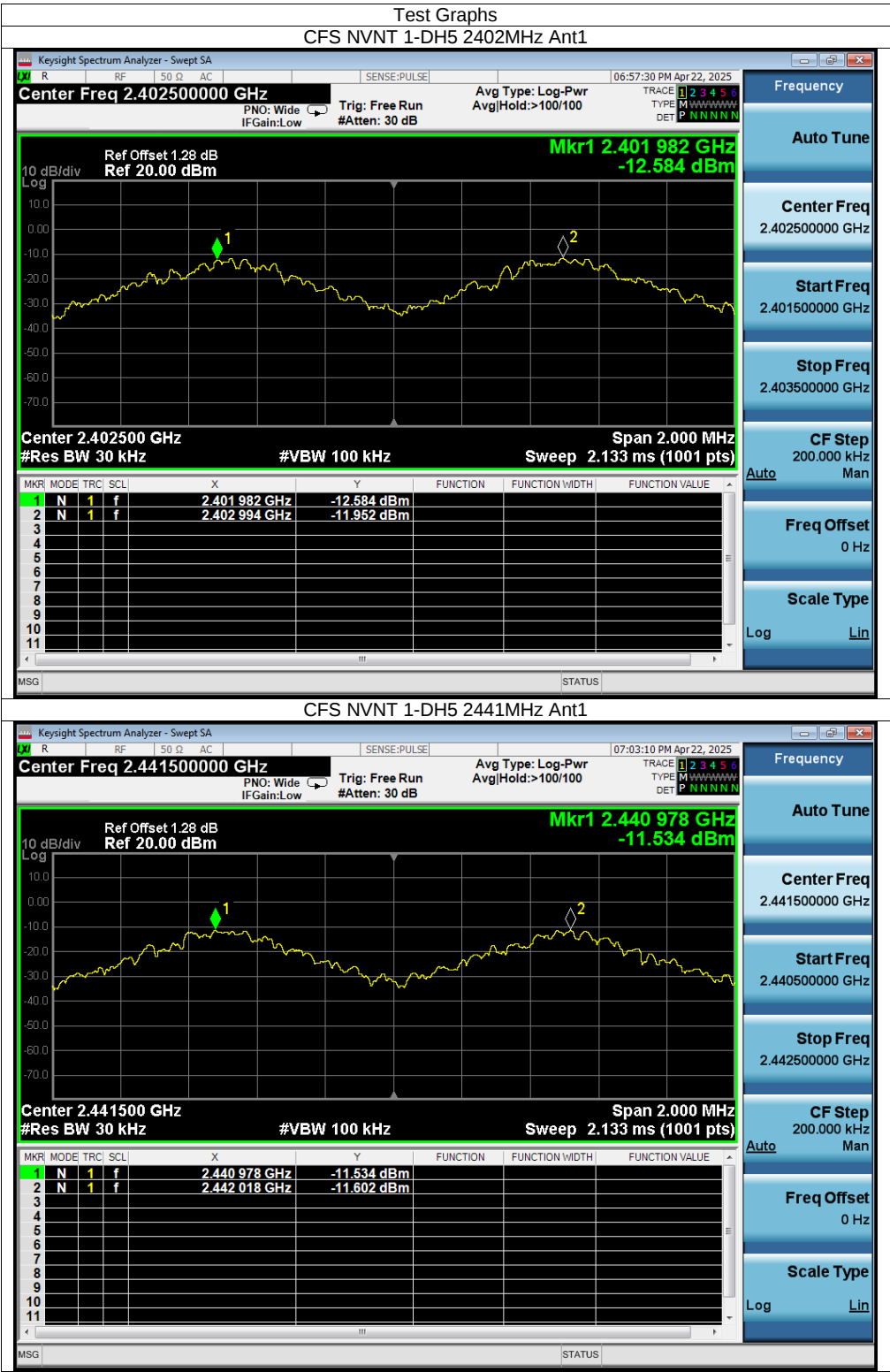






Carrier Frequencies Separation

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



CFS NVNT 1-DH5 2441MHz Ant1

Keysight Spectrum Analyzer - Swept SA

R RF S0 D AC SENSE:PULSE

Center Freq 2.441500000 GHz

PNO: Wide Trig: Free Run Avg Type: Log-Pwr

IFGain:Low #Atten: 30 dB Avg|Hold:>100/100

07:03:10 PM Apr 22, 2025

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P N N N N N

Ref Offset 1.28 dB

Ref 20.00 dBm

Mkr1 2.440 978 GHz

-11.534 dBm

Center 2.441500 GHz

#Res BW 30 kHz

#VBW 100 kHz

Sweep 2.133 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.440 978 GHz	-11.534 dBm			
2	N	1	f	2.442 018 GHz	-11.602 dBm			
3								
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq 2.441500000 GHz

Start Freq 2.440500000 GHz

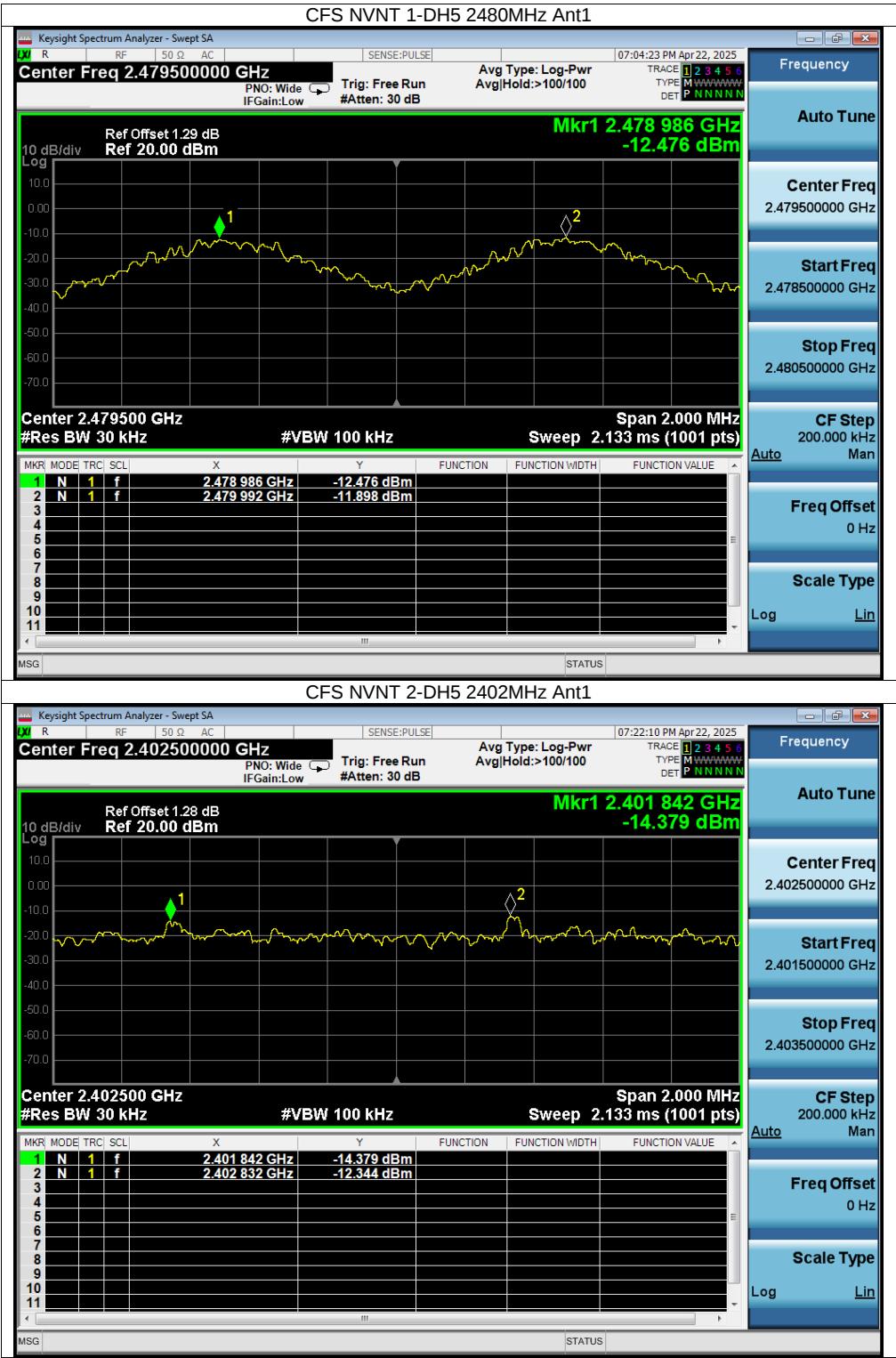
Stop Freq 2.442500000 GHz

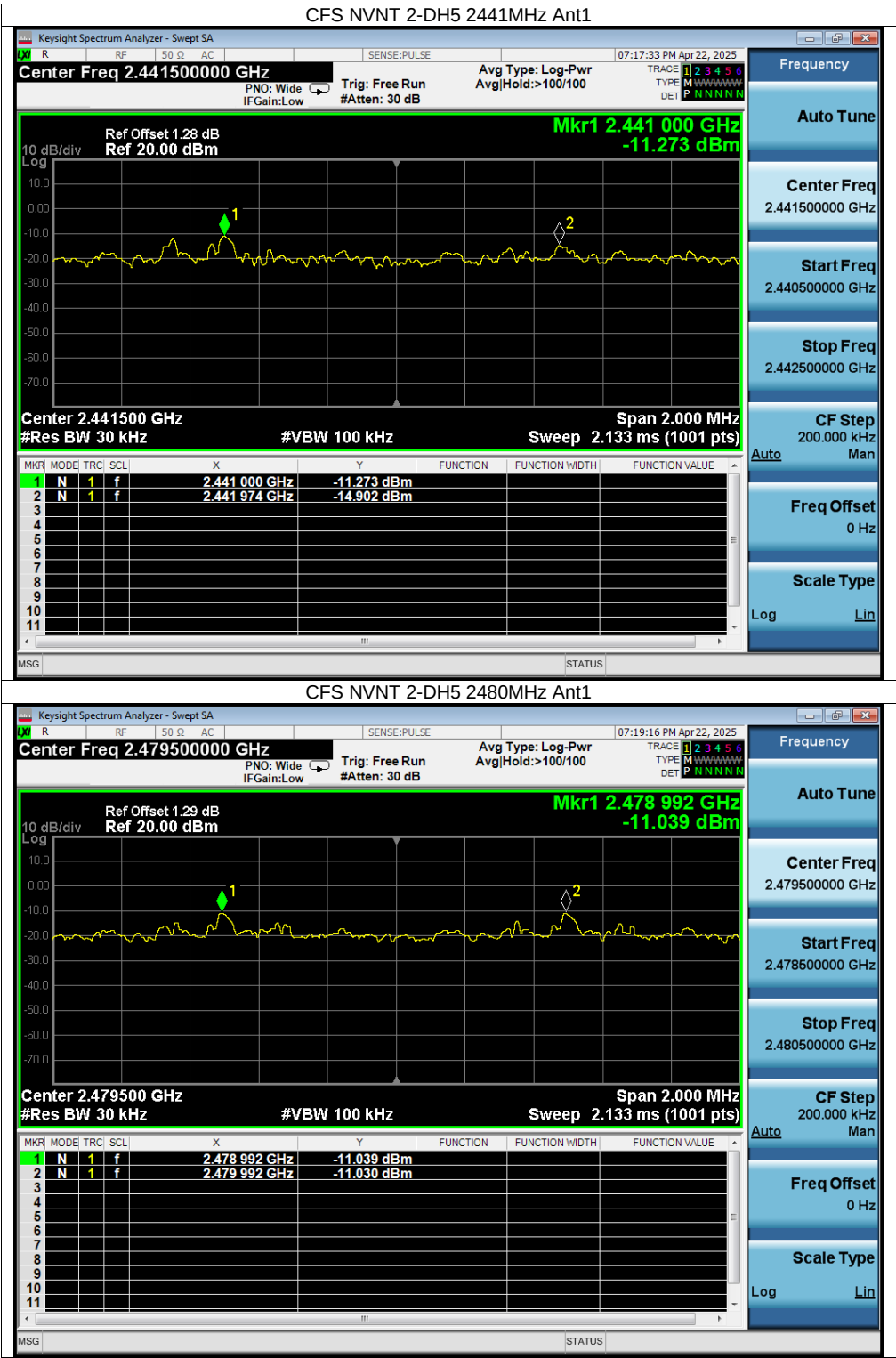
CF Step 200.000 kHz

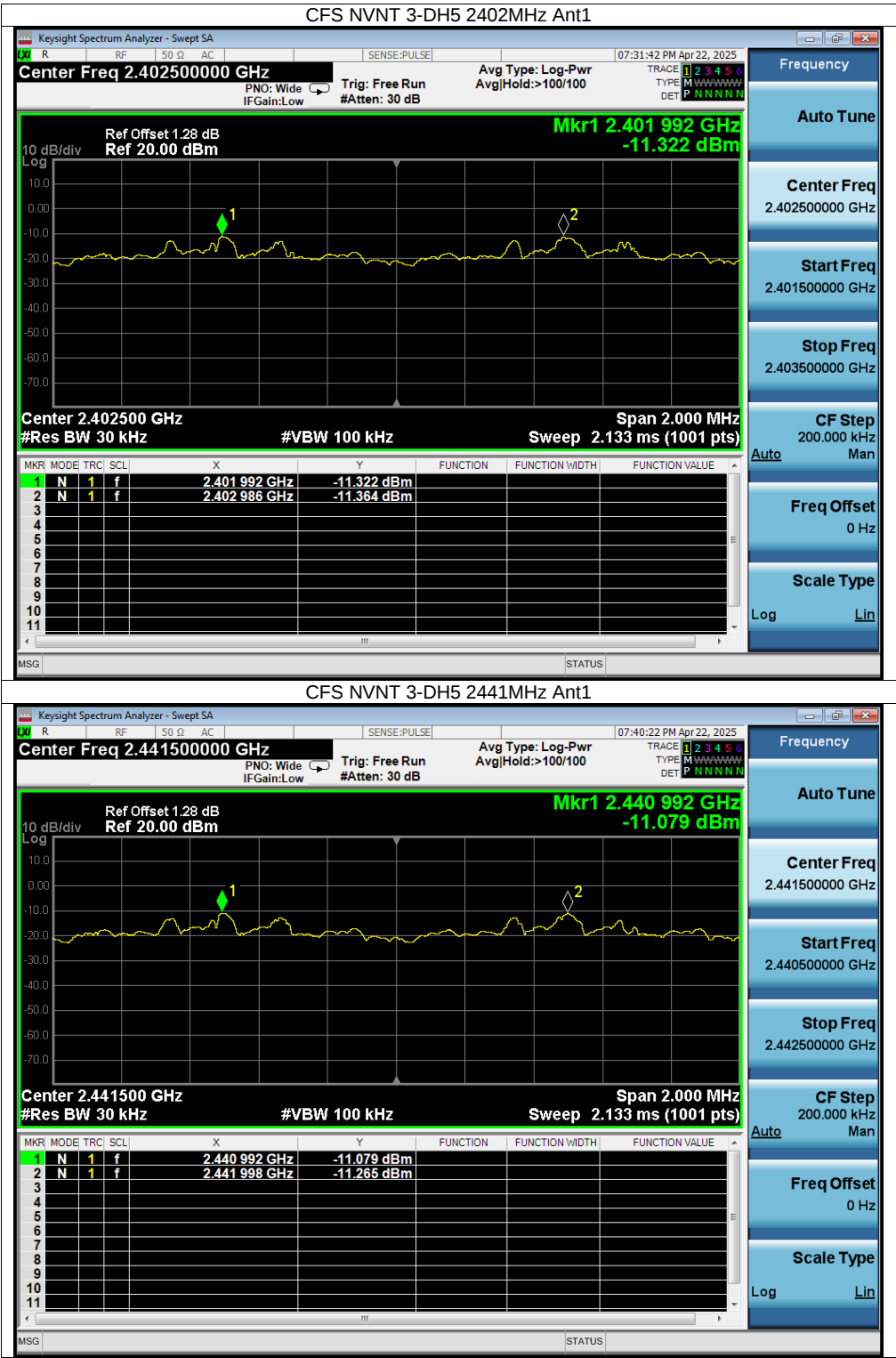
Auto Man

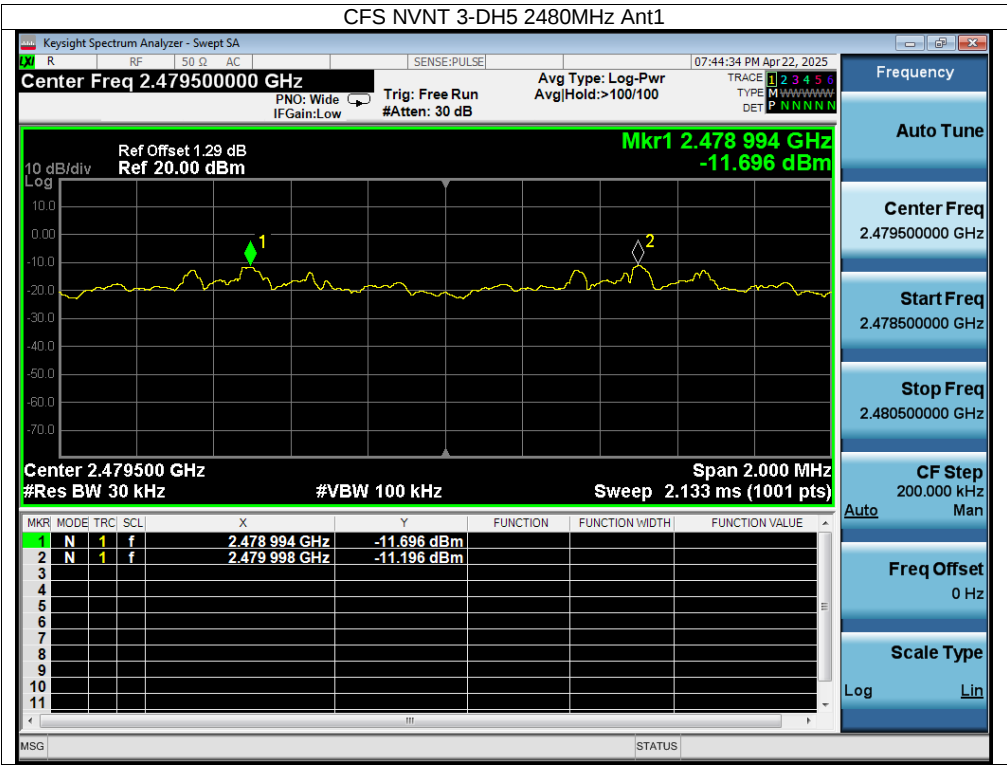
Freq Offset 0 Hz

Scale Type Log Lin



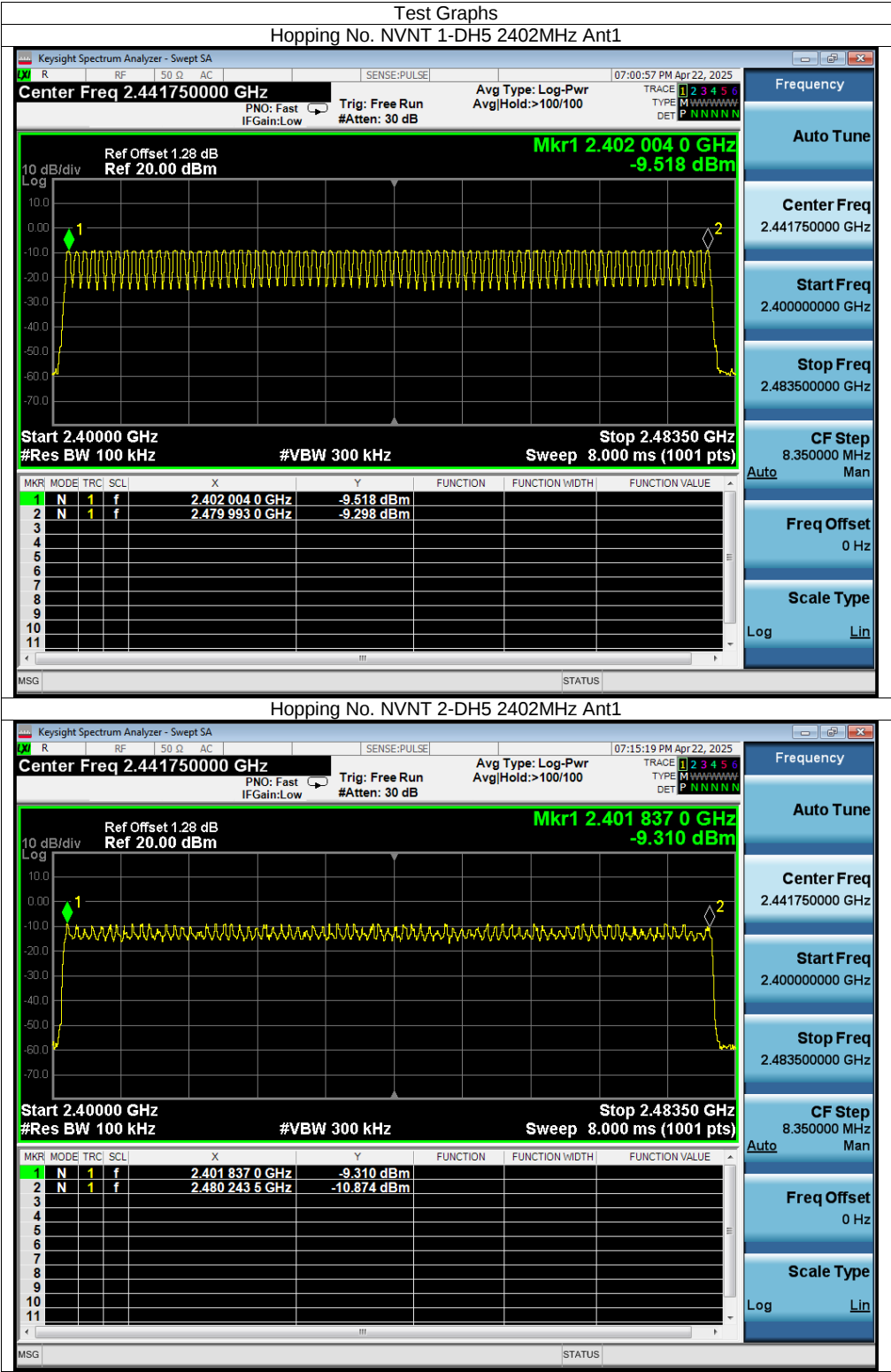


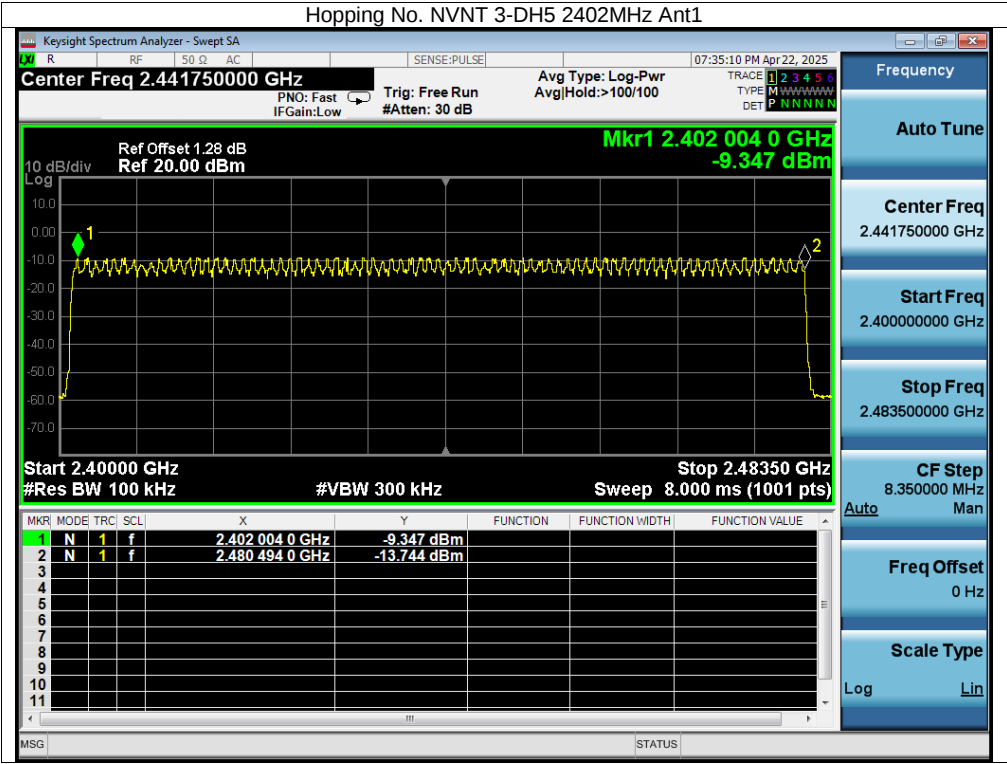




Number of Hopping Channel

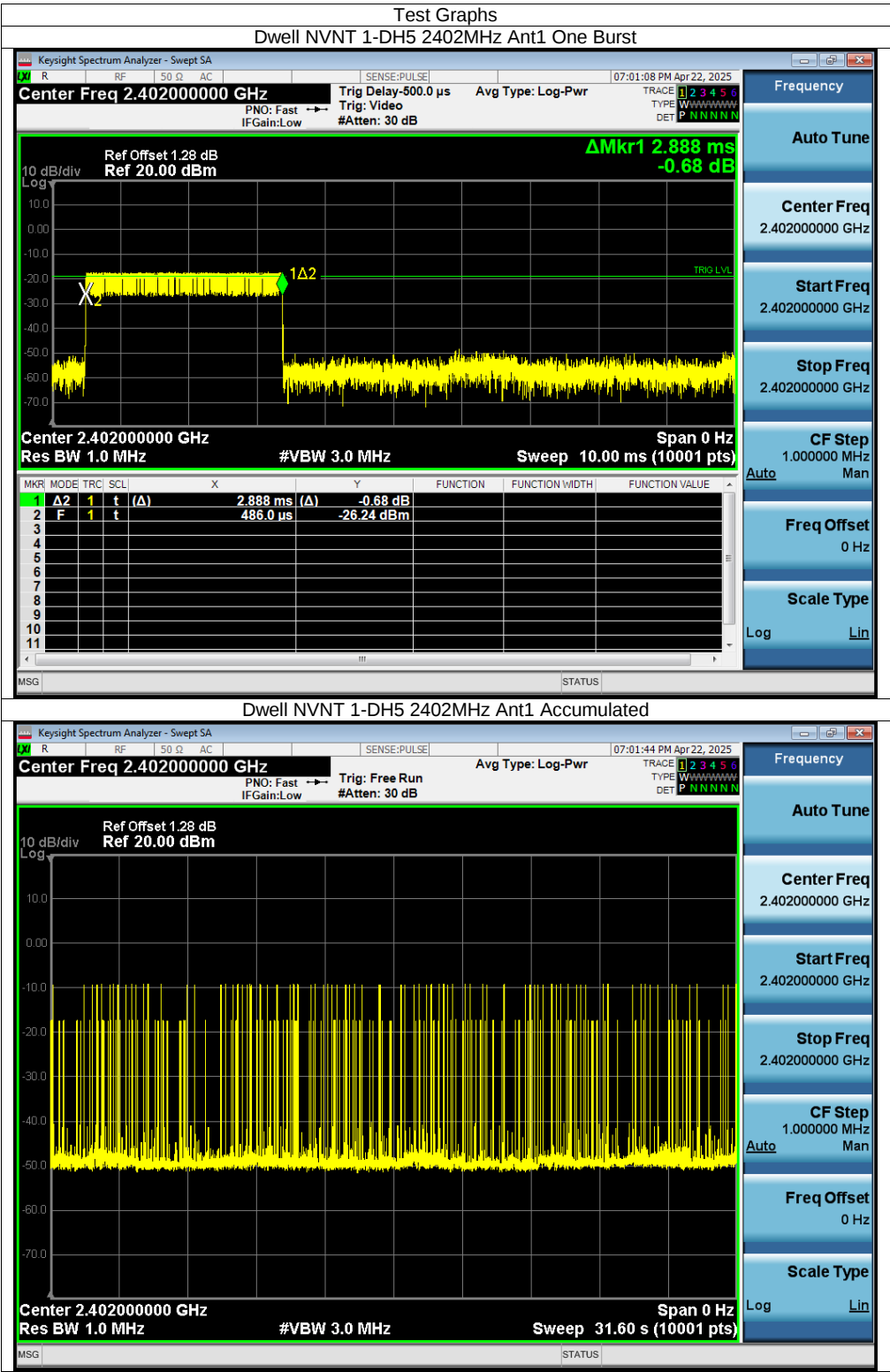
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

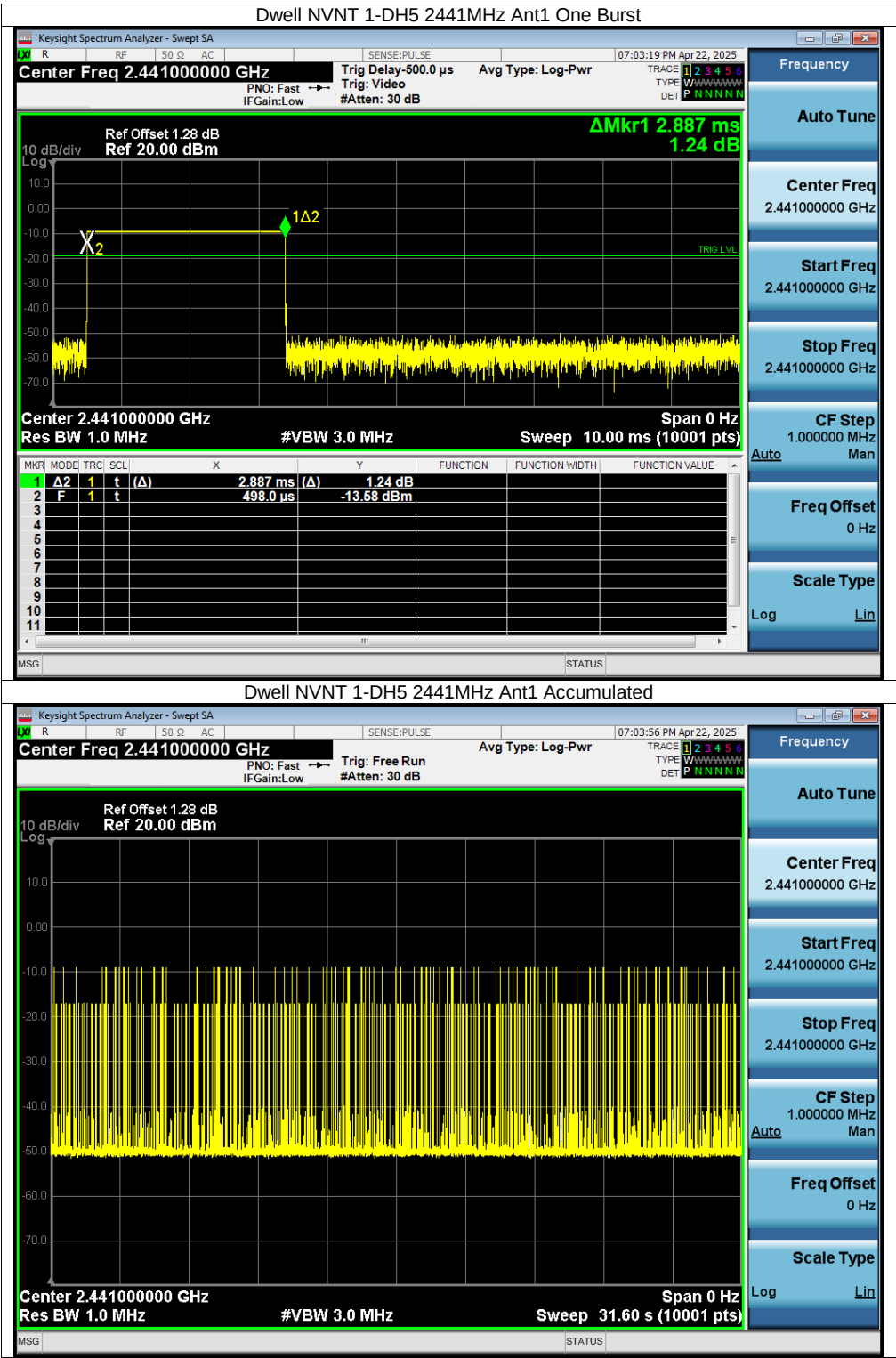


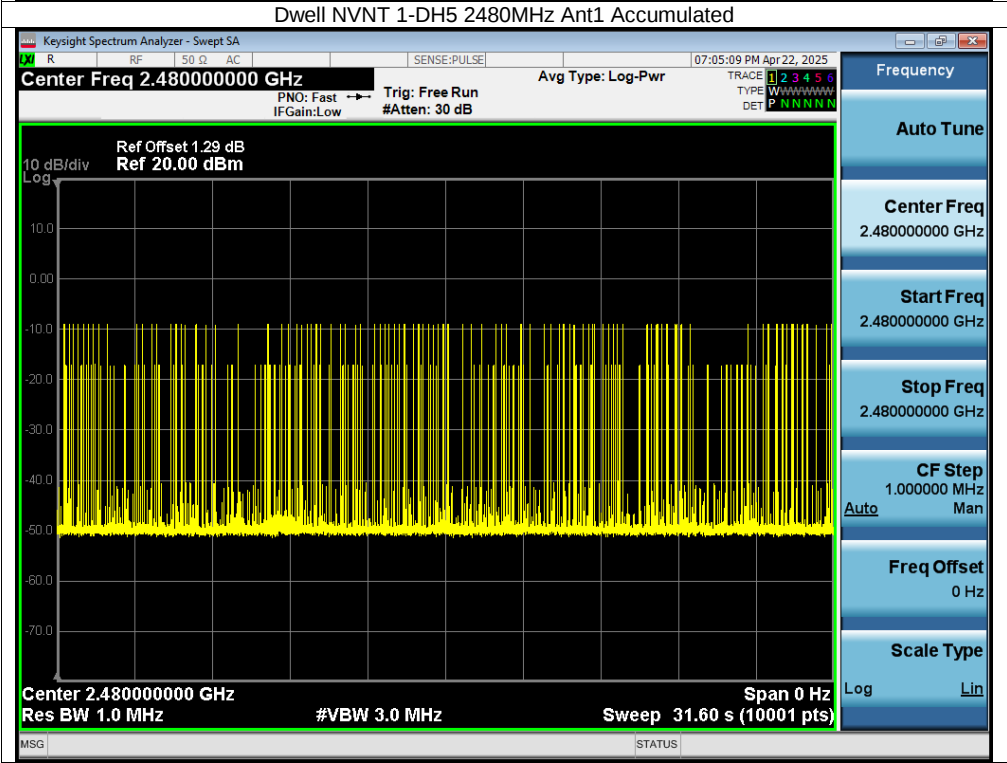
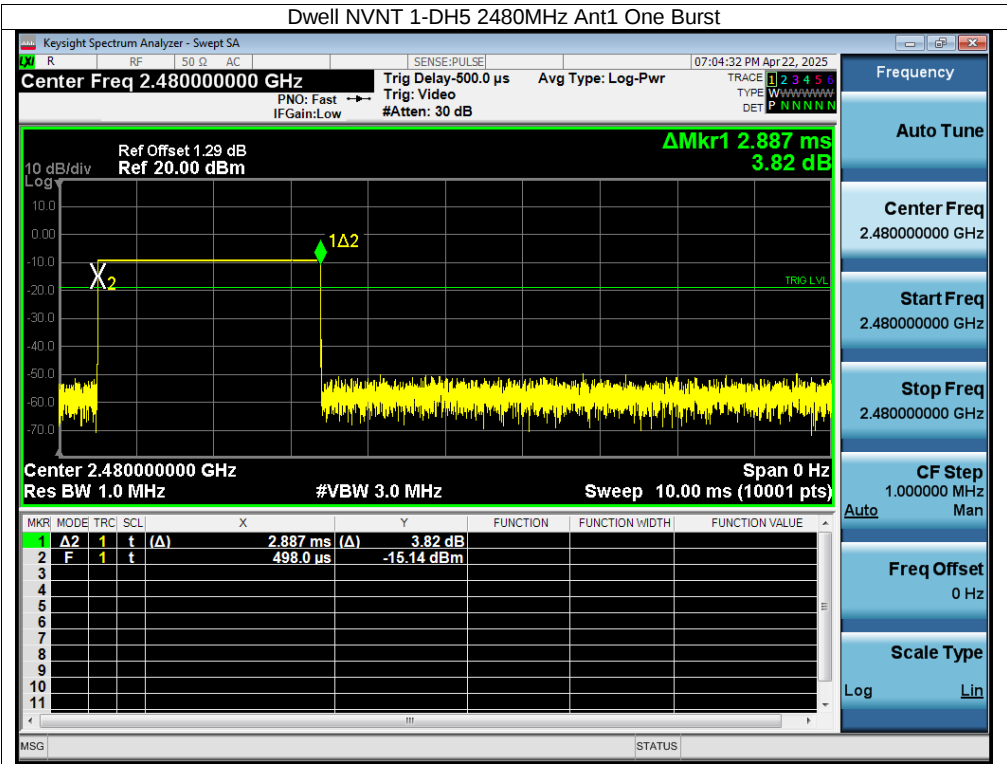


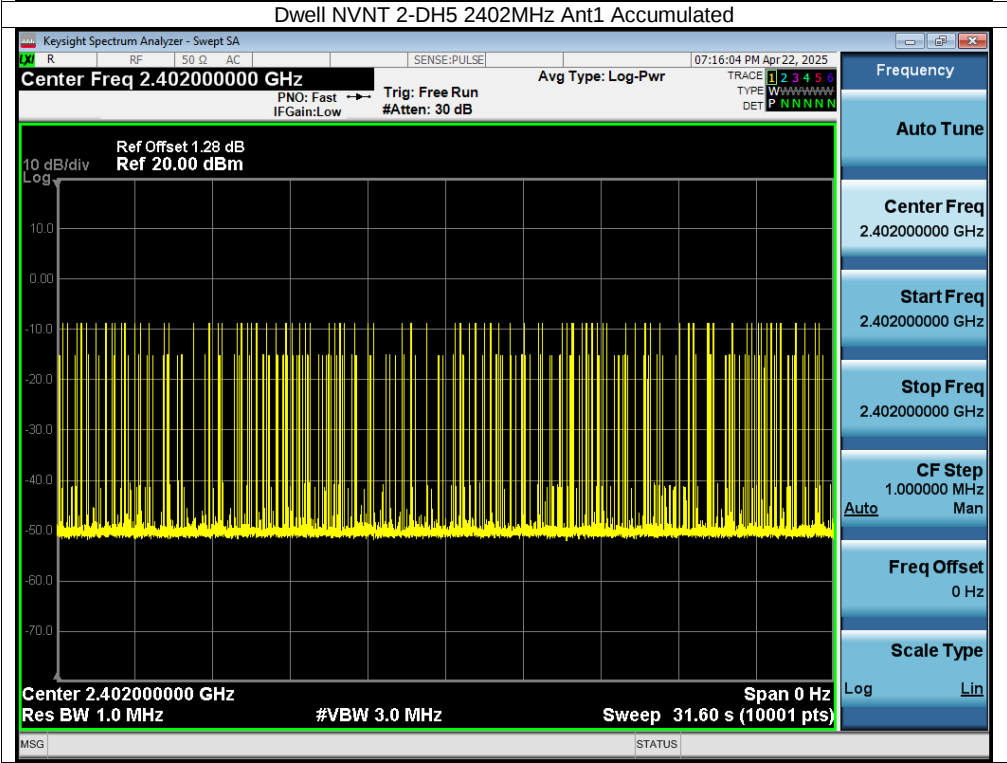
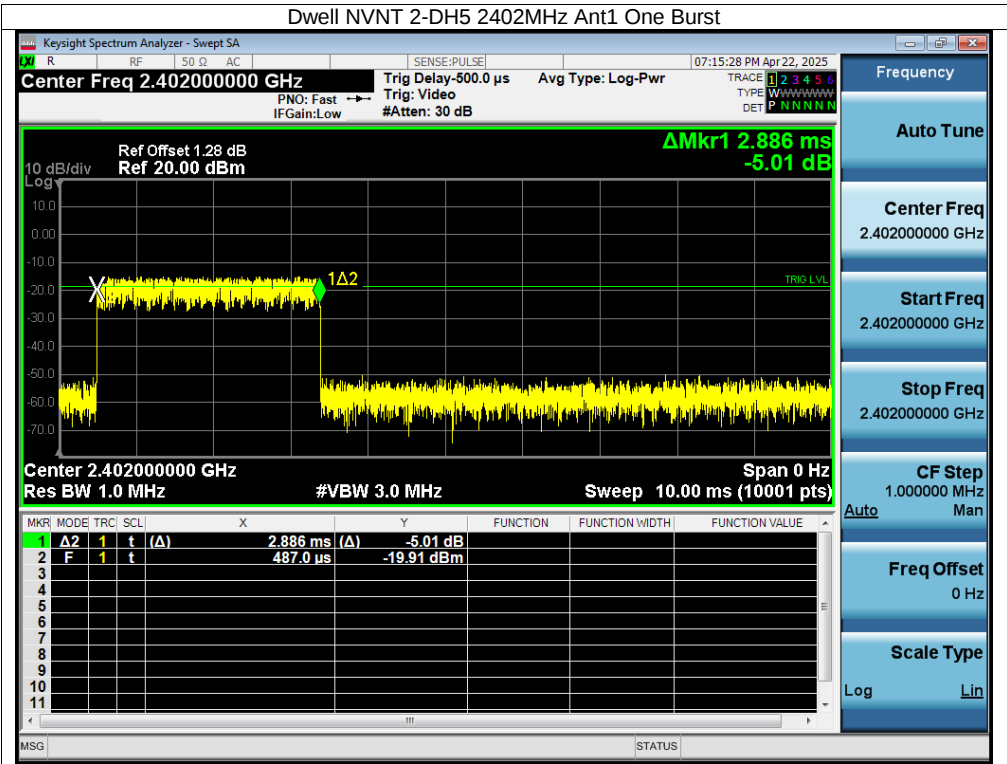
Dwell Time

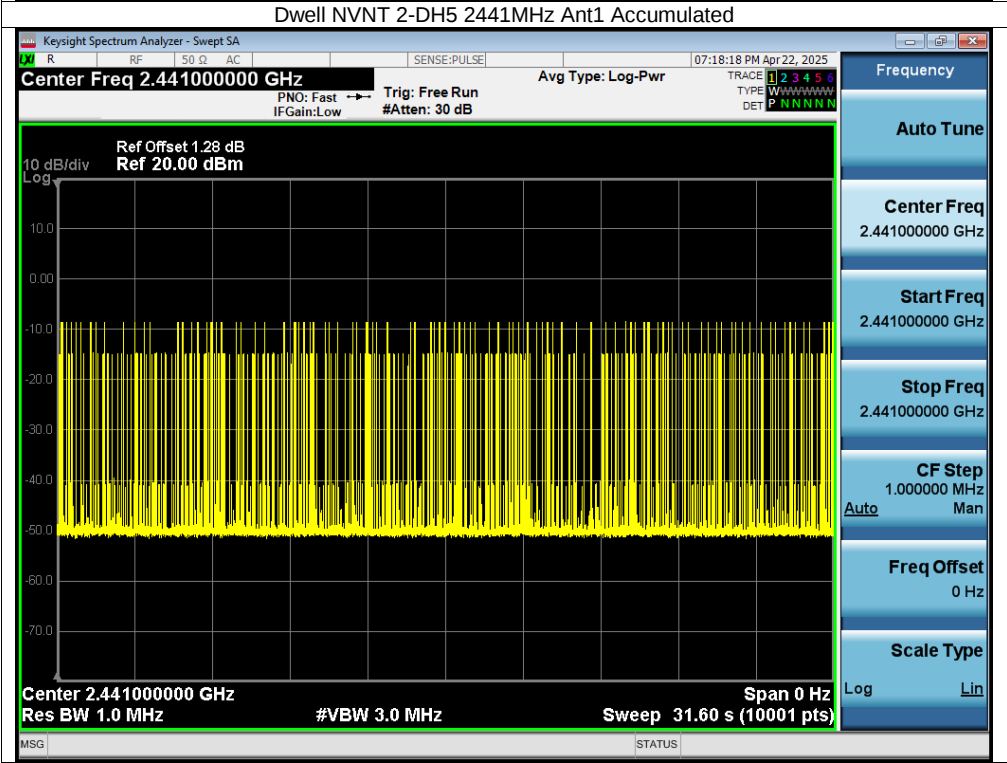
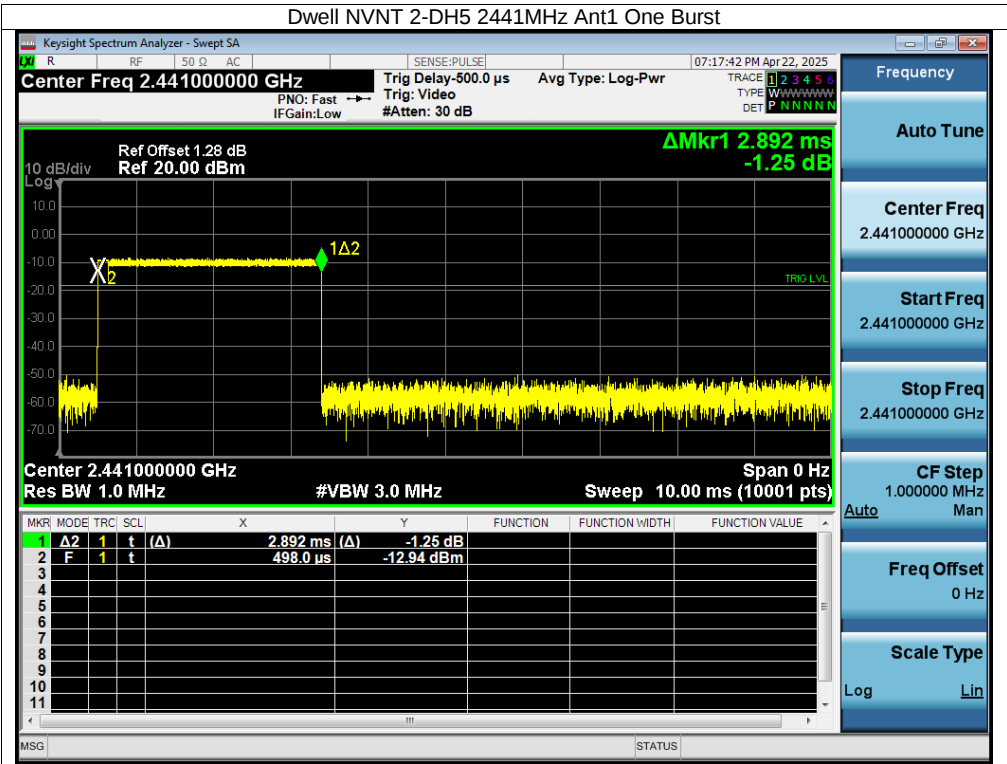
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2402	Ant1	2.888	271.472	94	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.887	285.813	99	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.887	323.344	112	31600	400	Pass
NVNT	2-DH5	2402	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

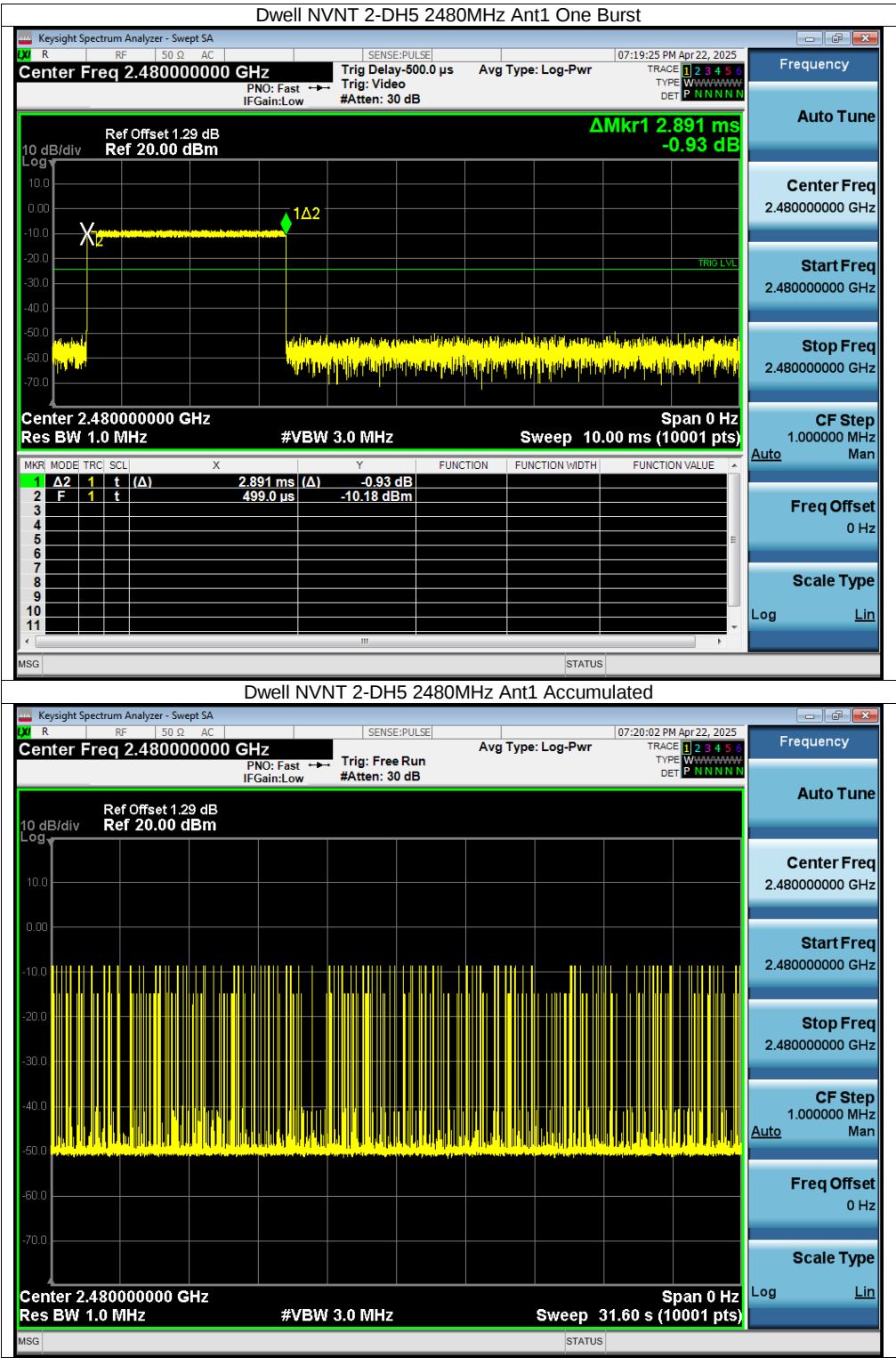


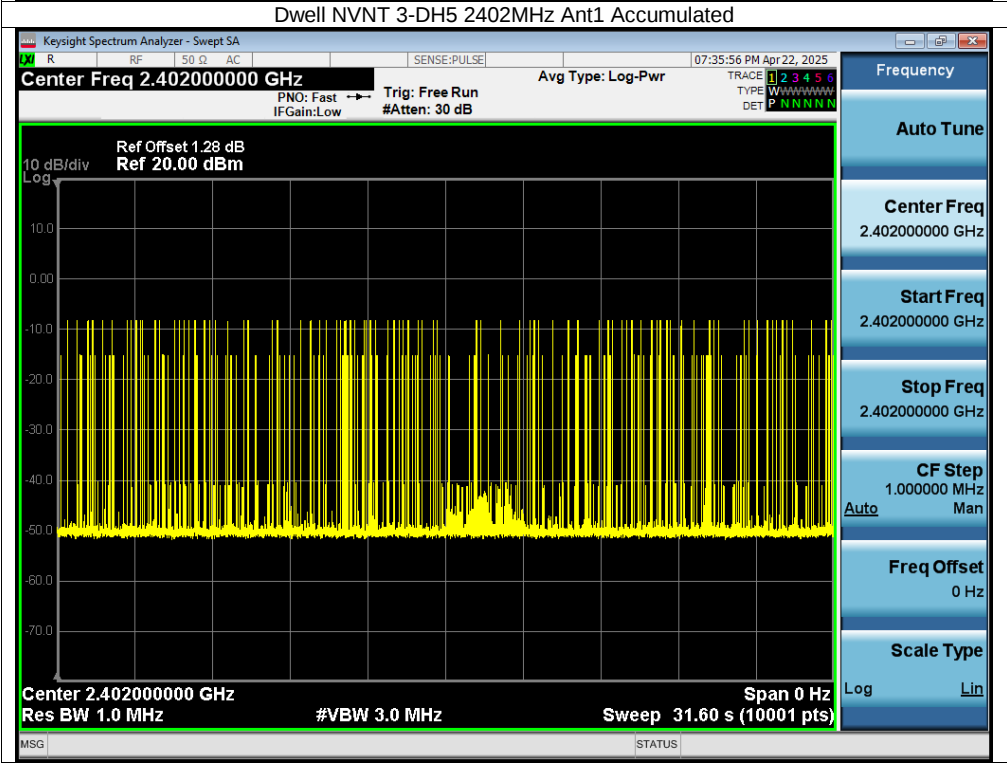
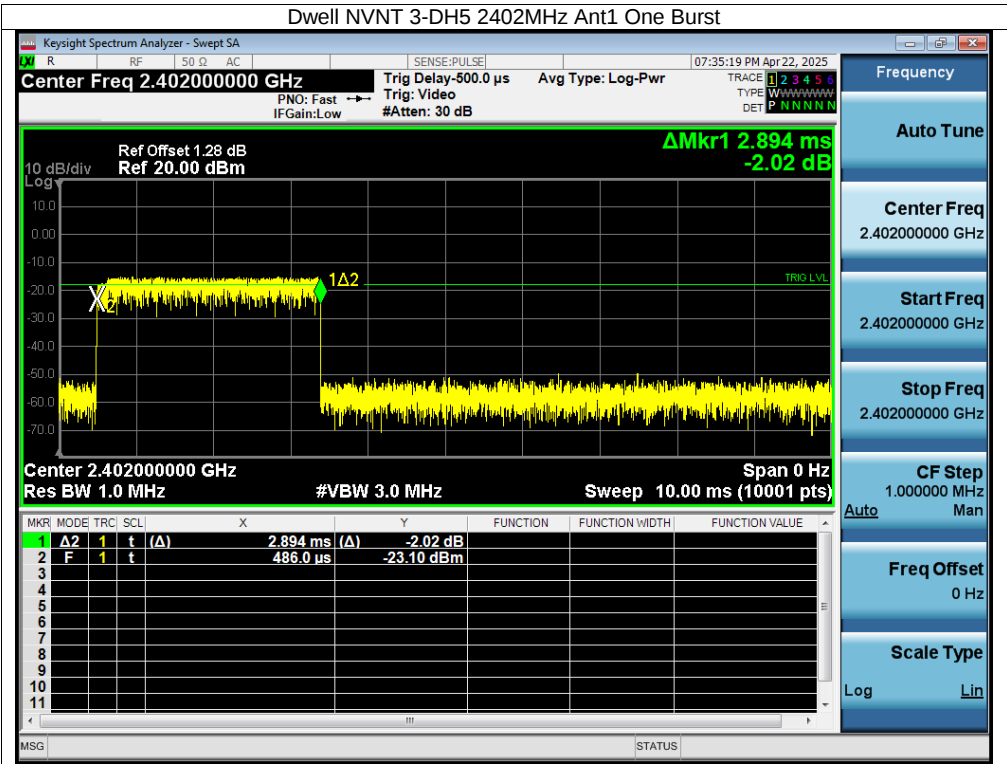


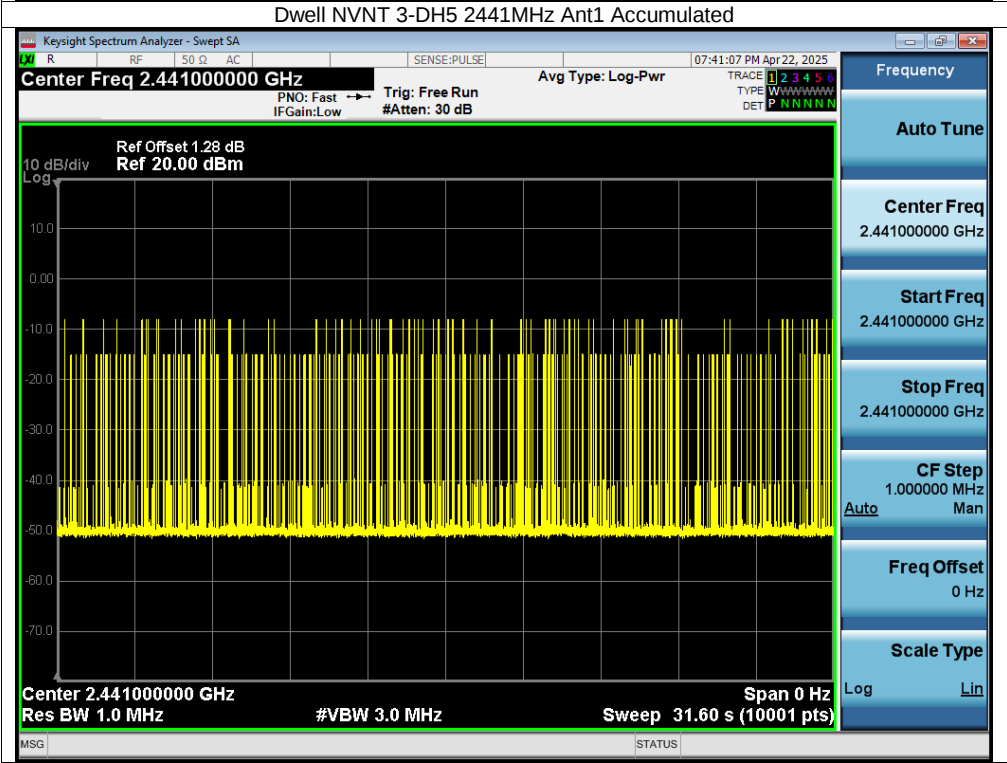
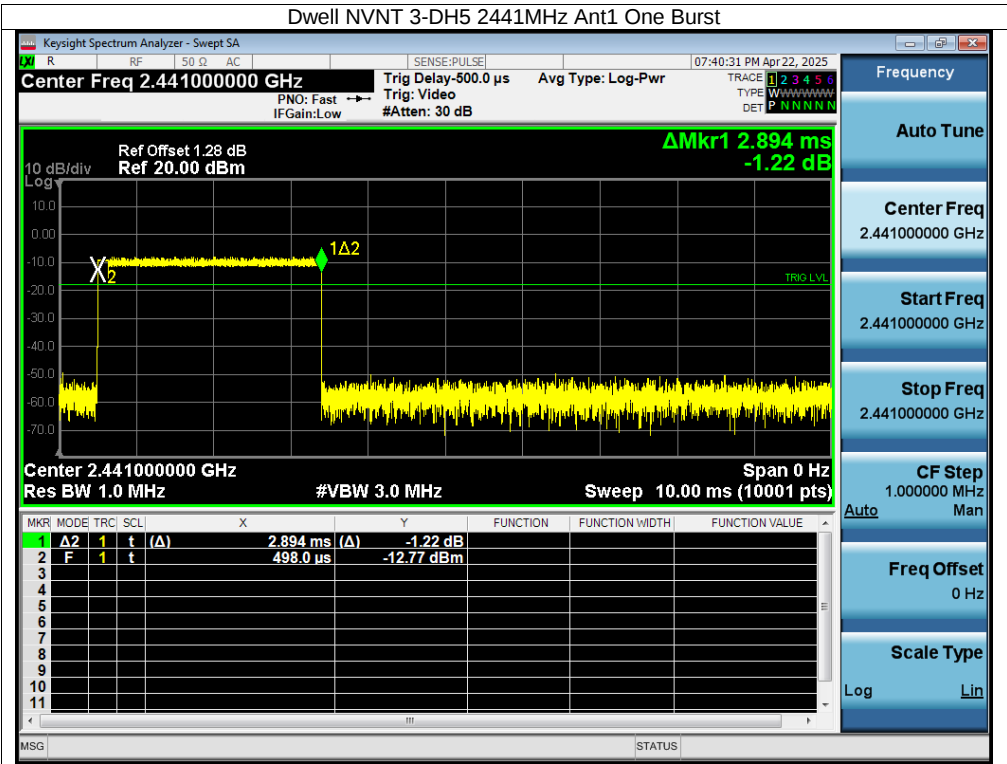


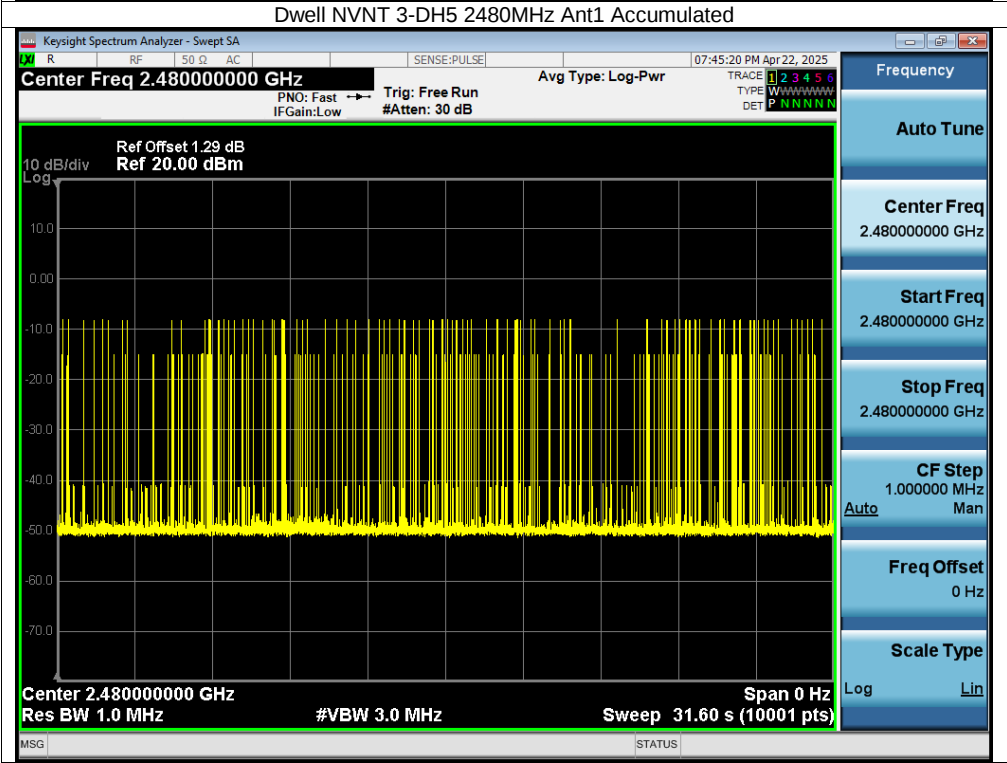
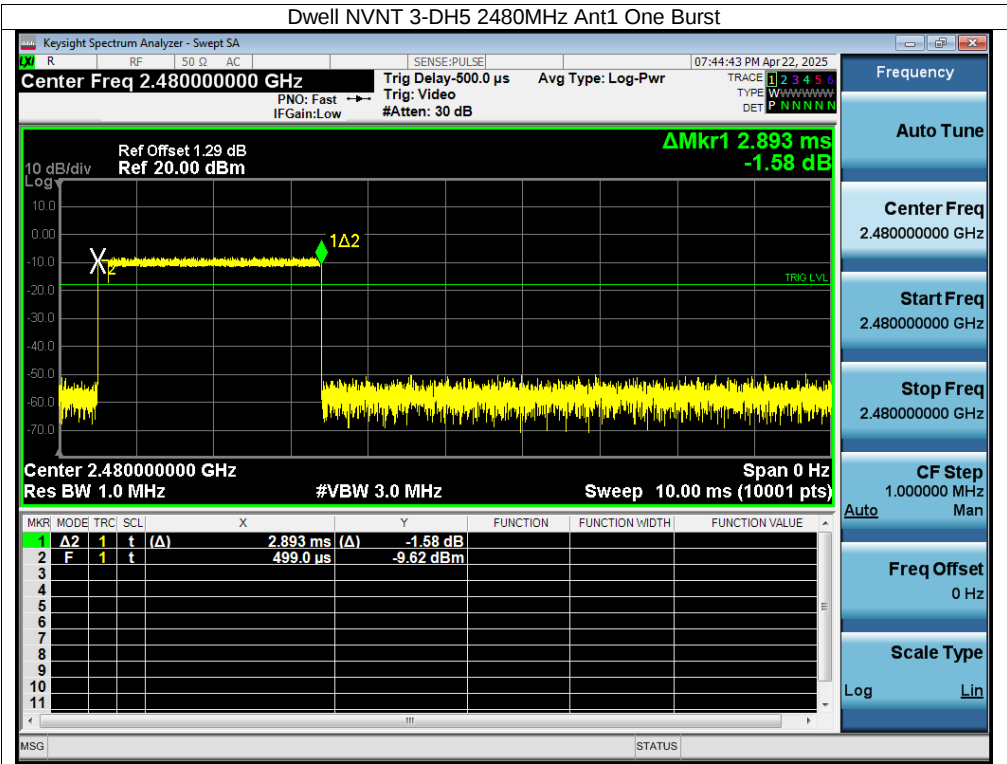






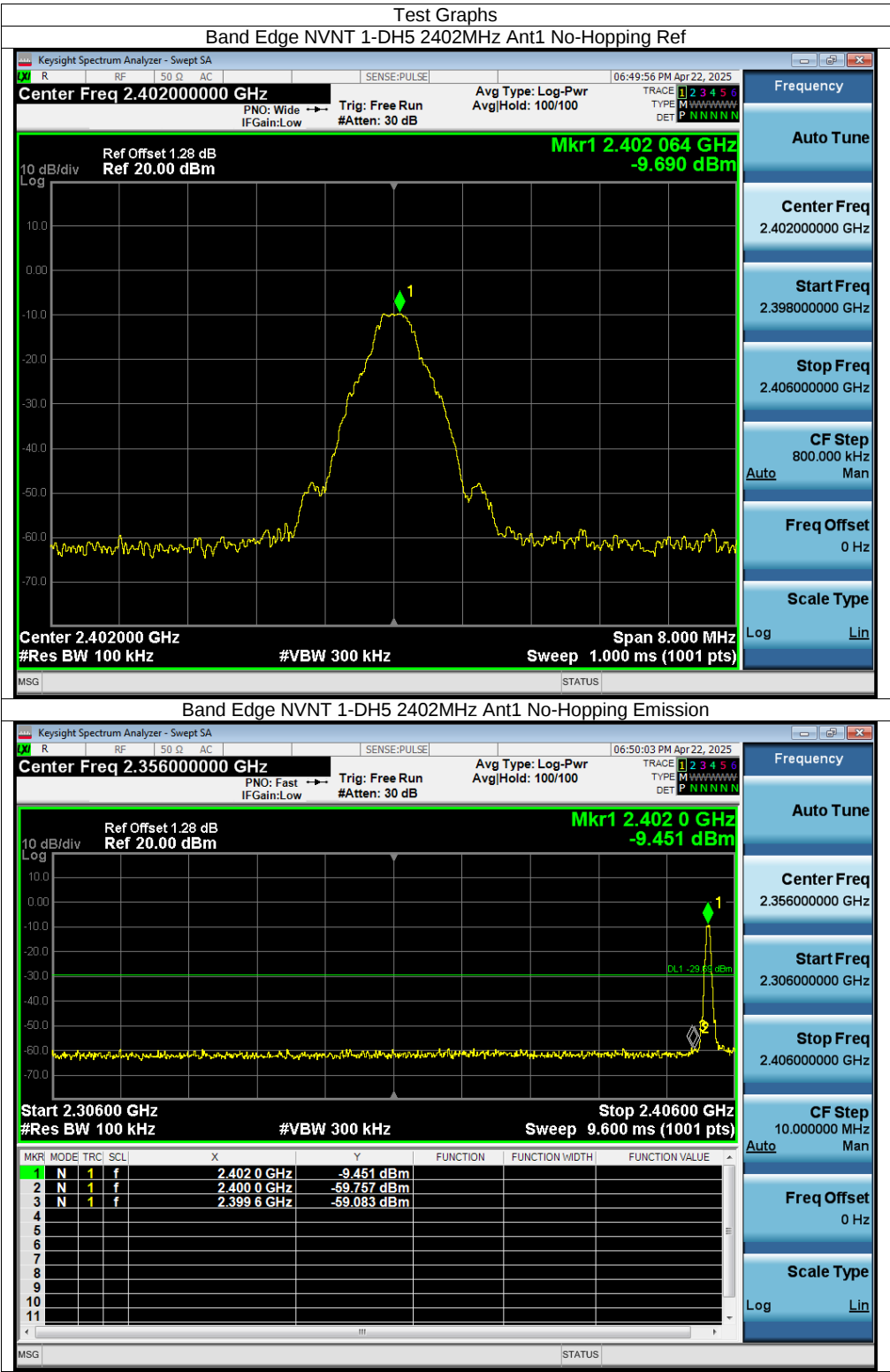


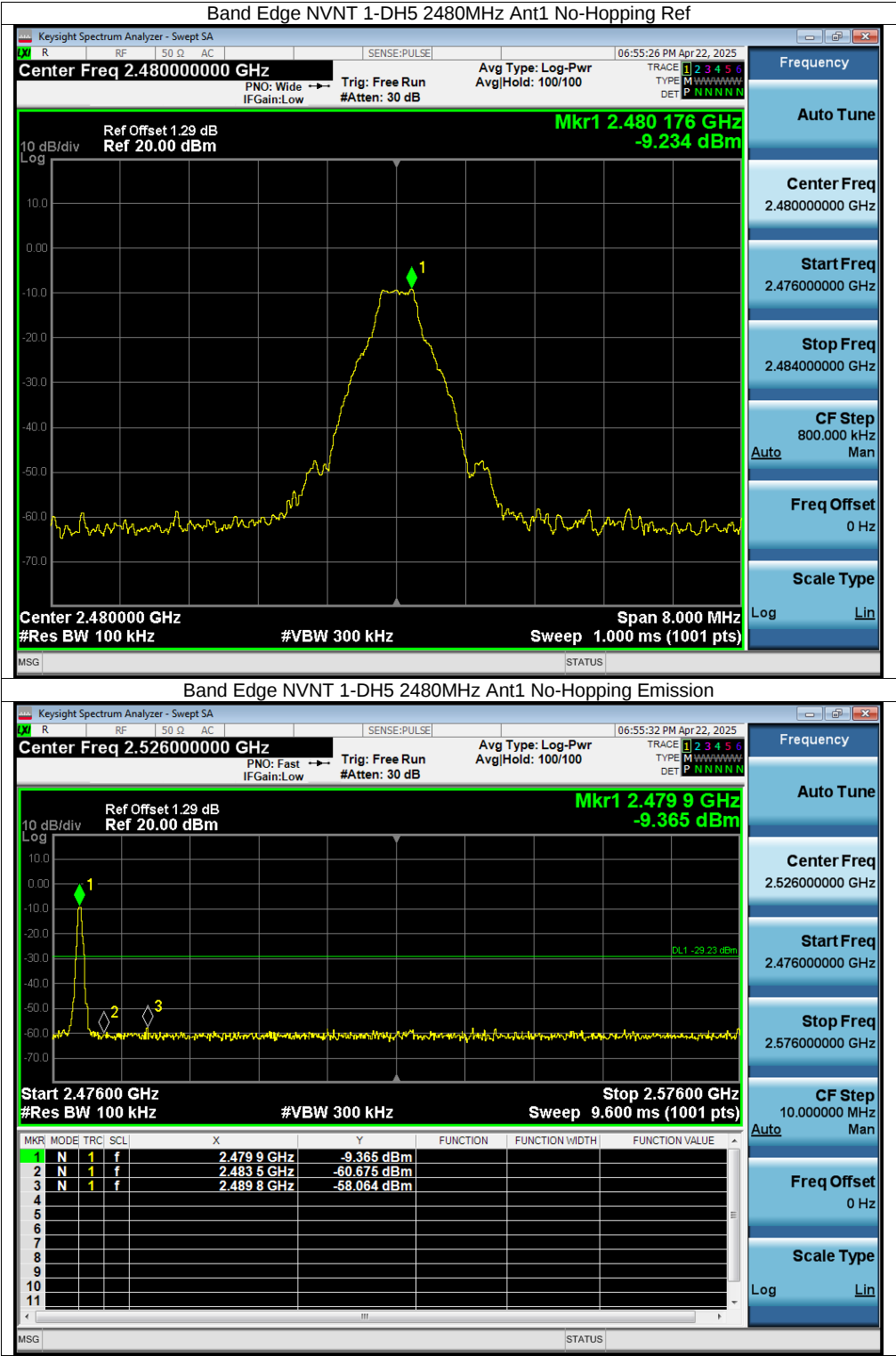


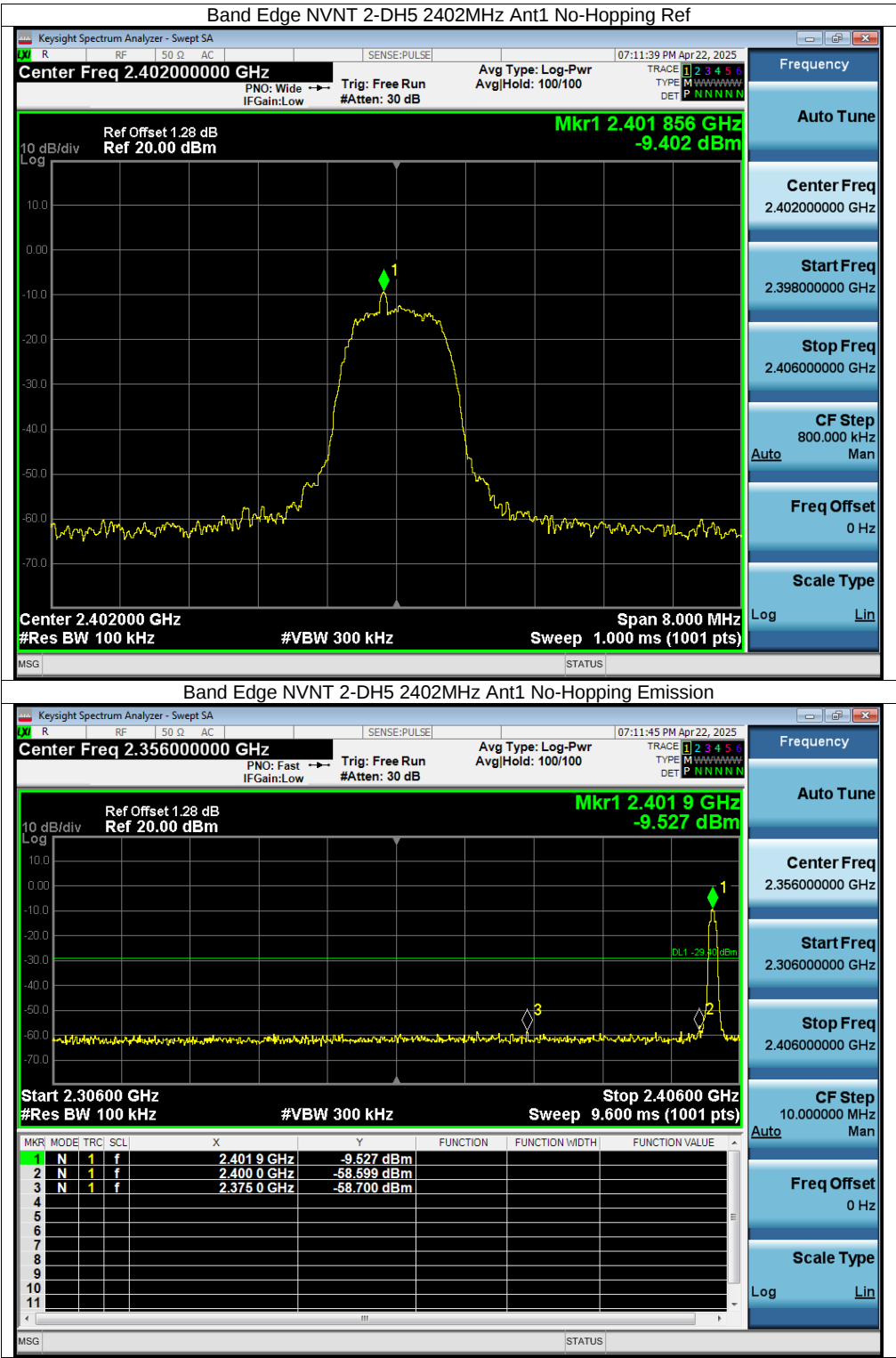


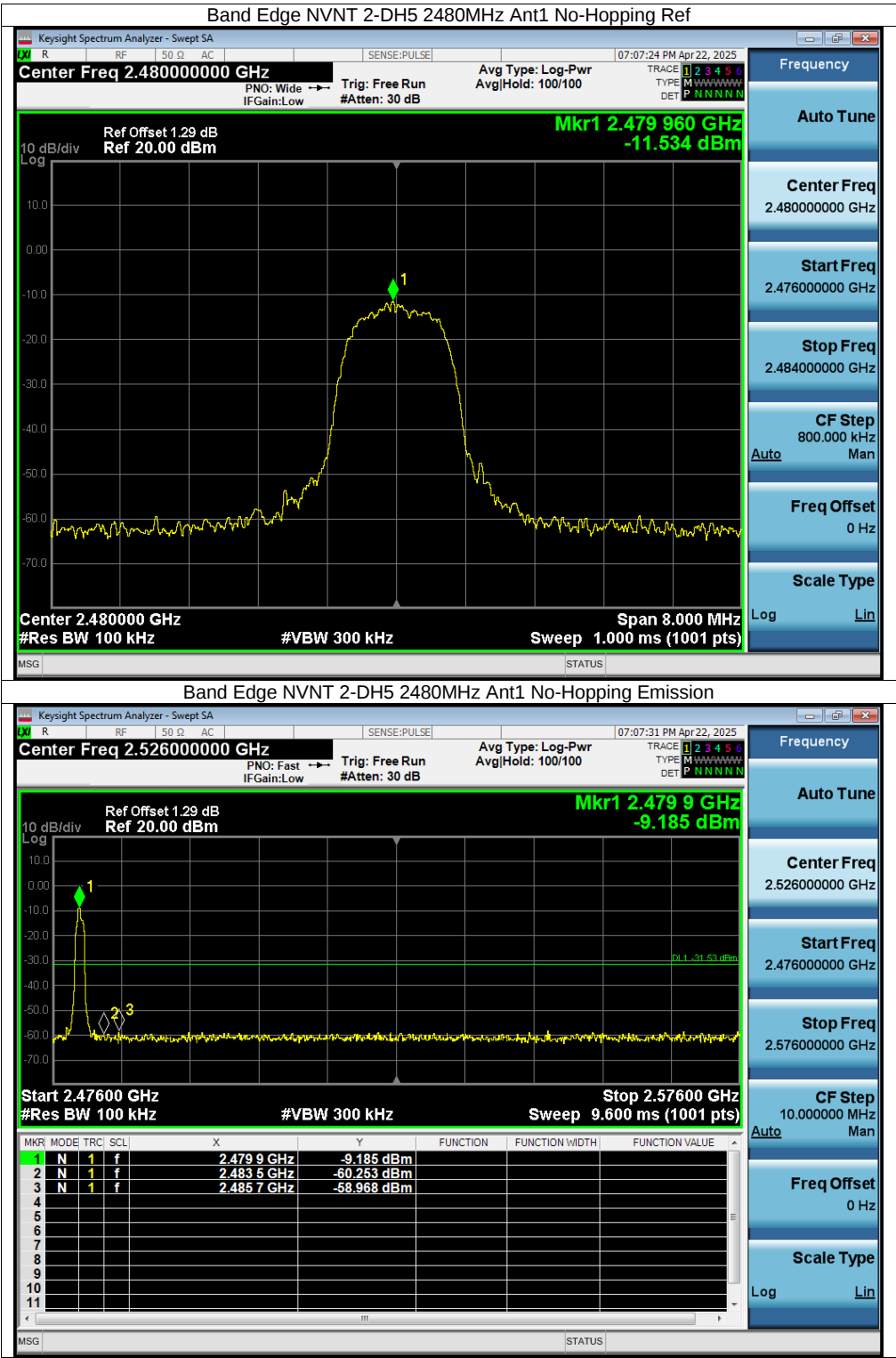
Band Edge

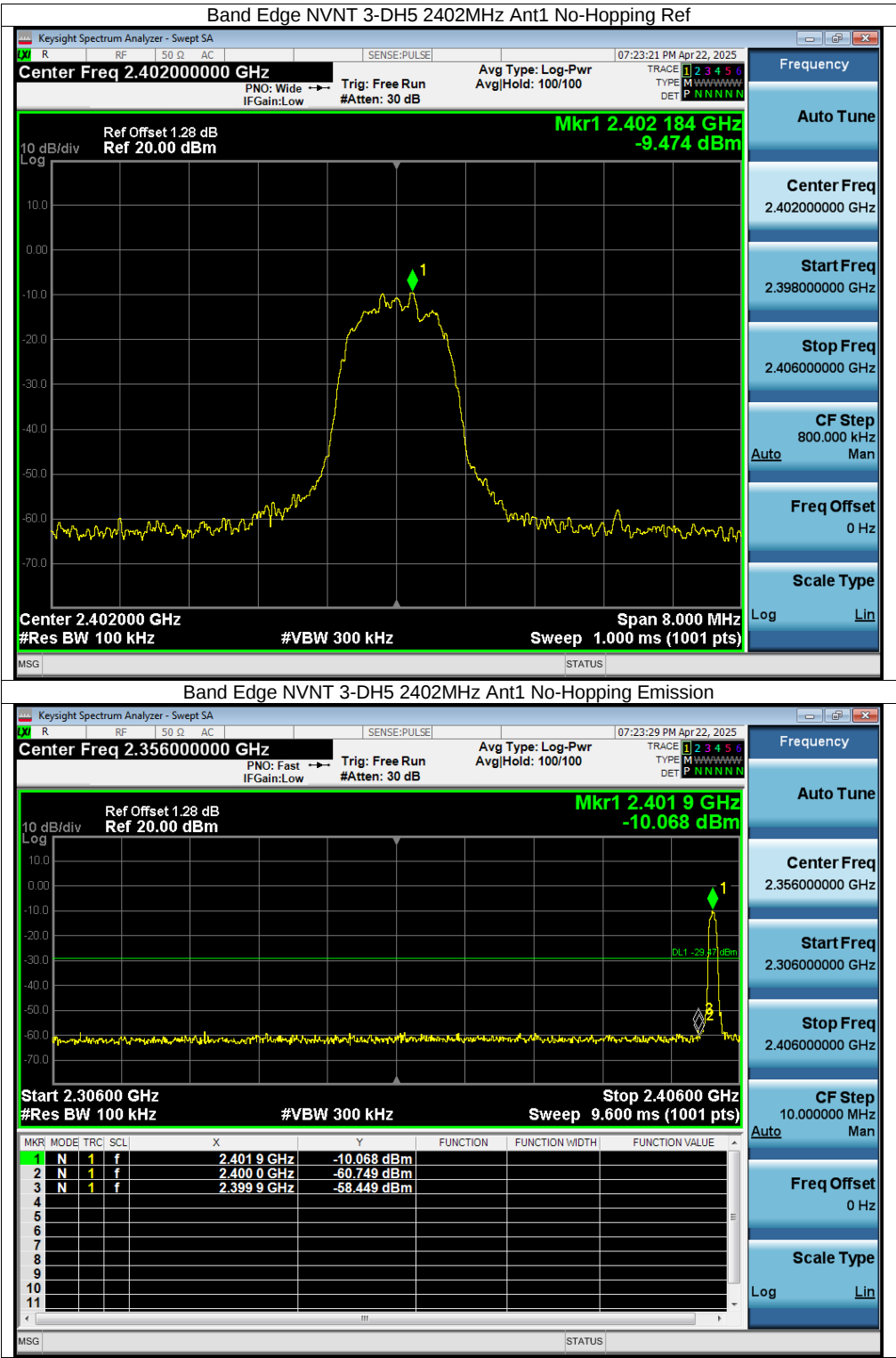
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-49.39	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-48.83	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-49.2	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-47.44	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping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

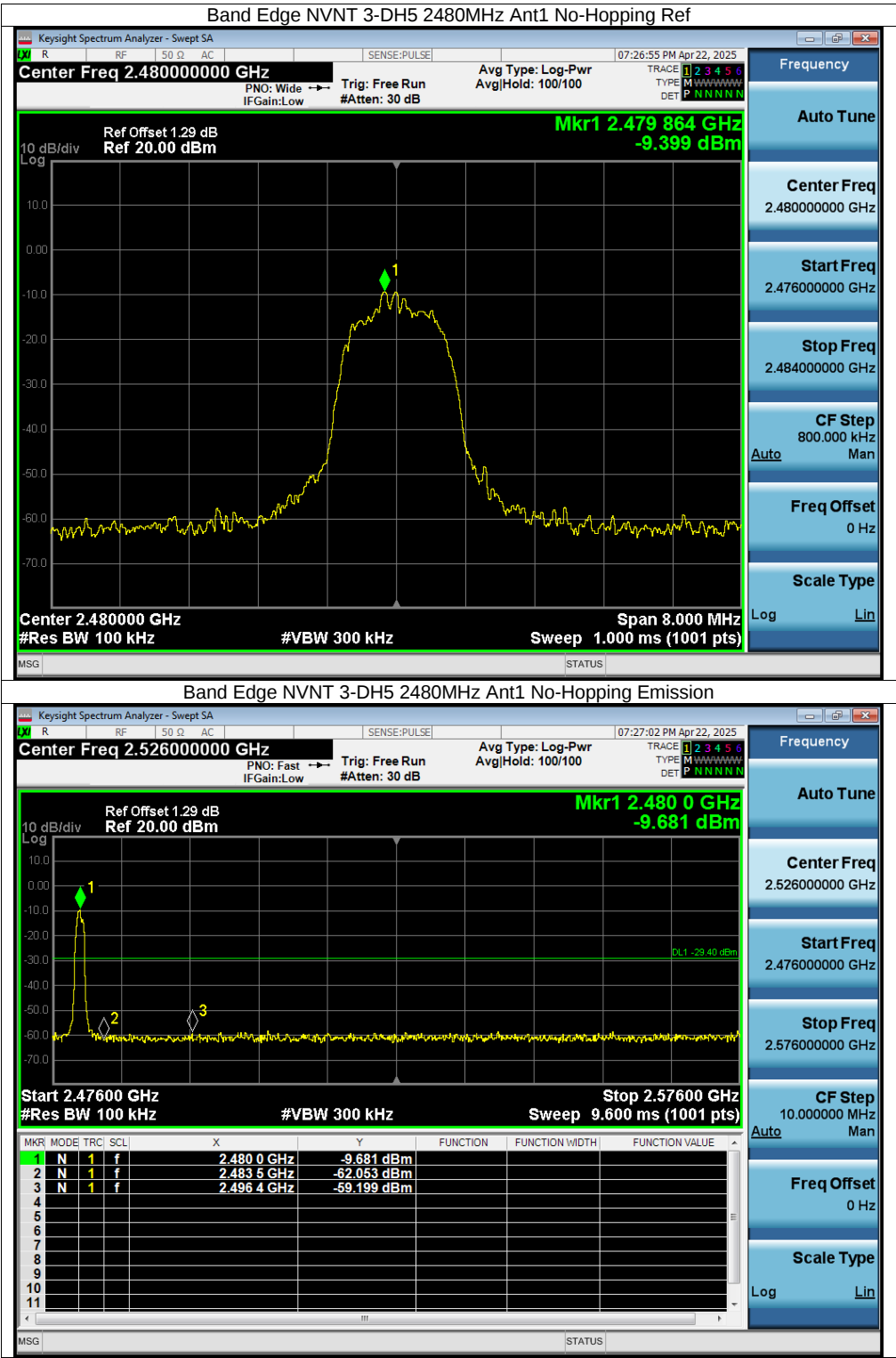










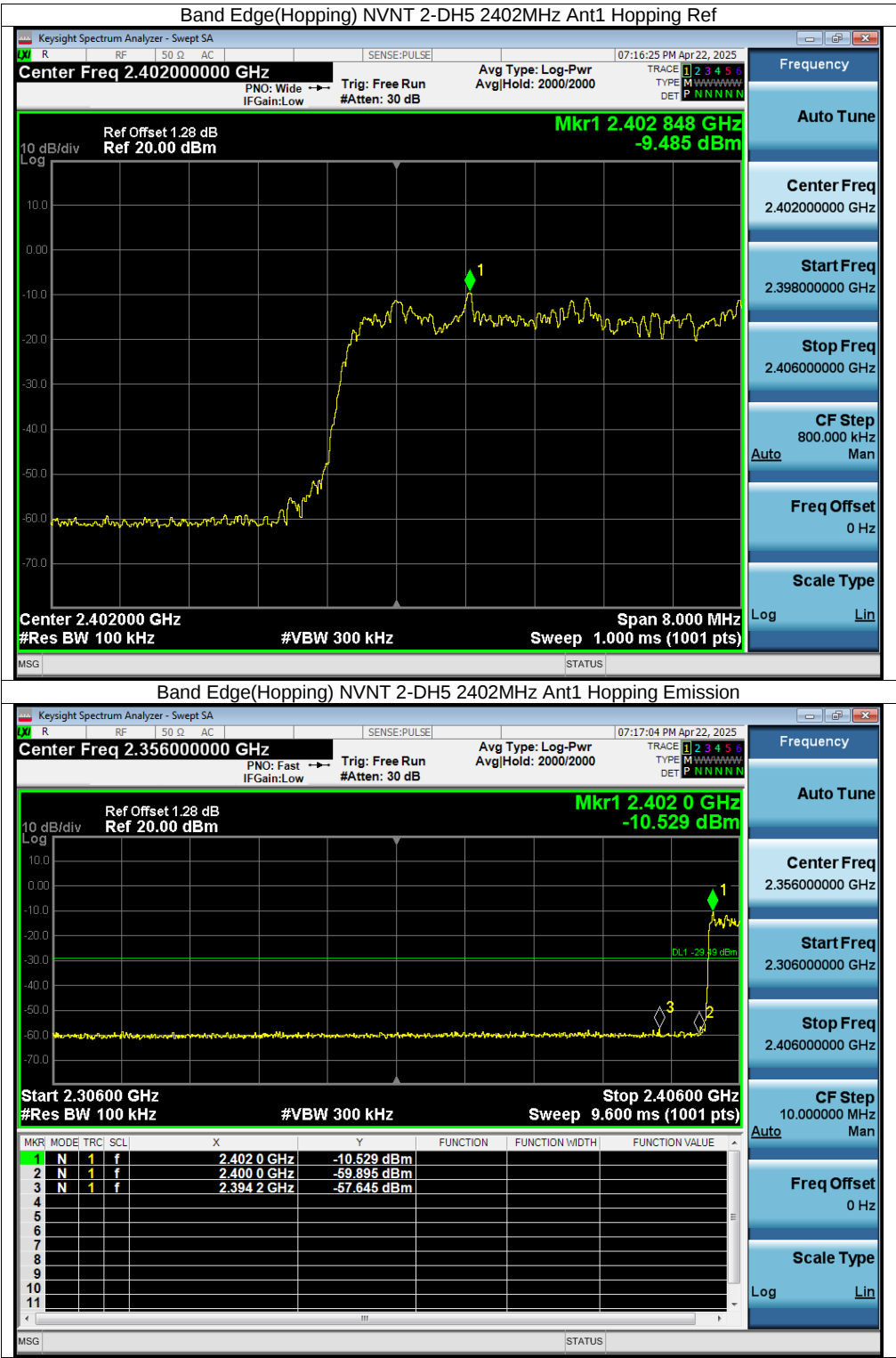


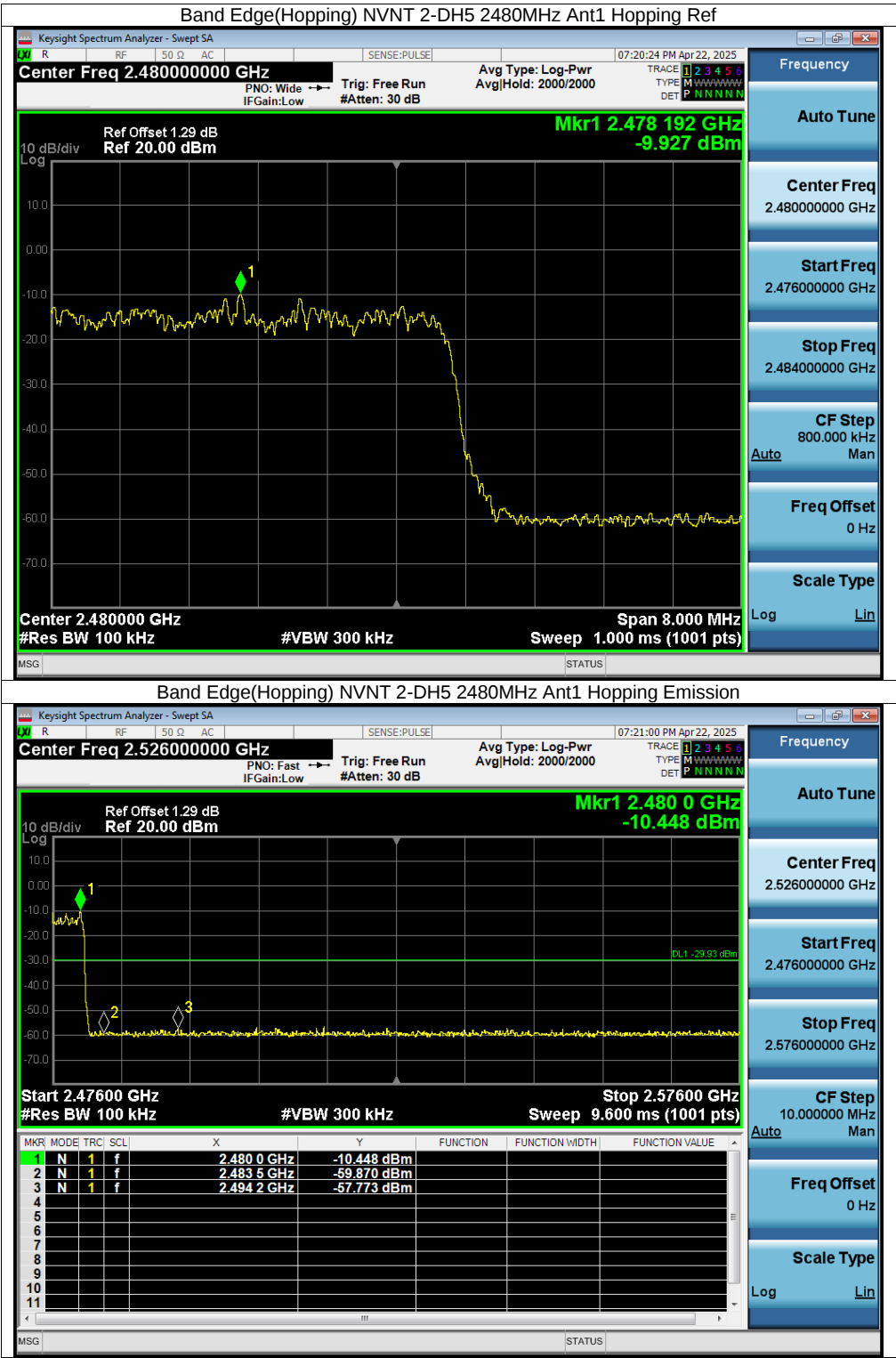
Band Edge(Hopping)

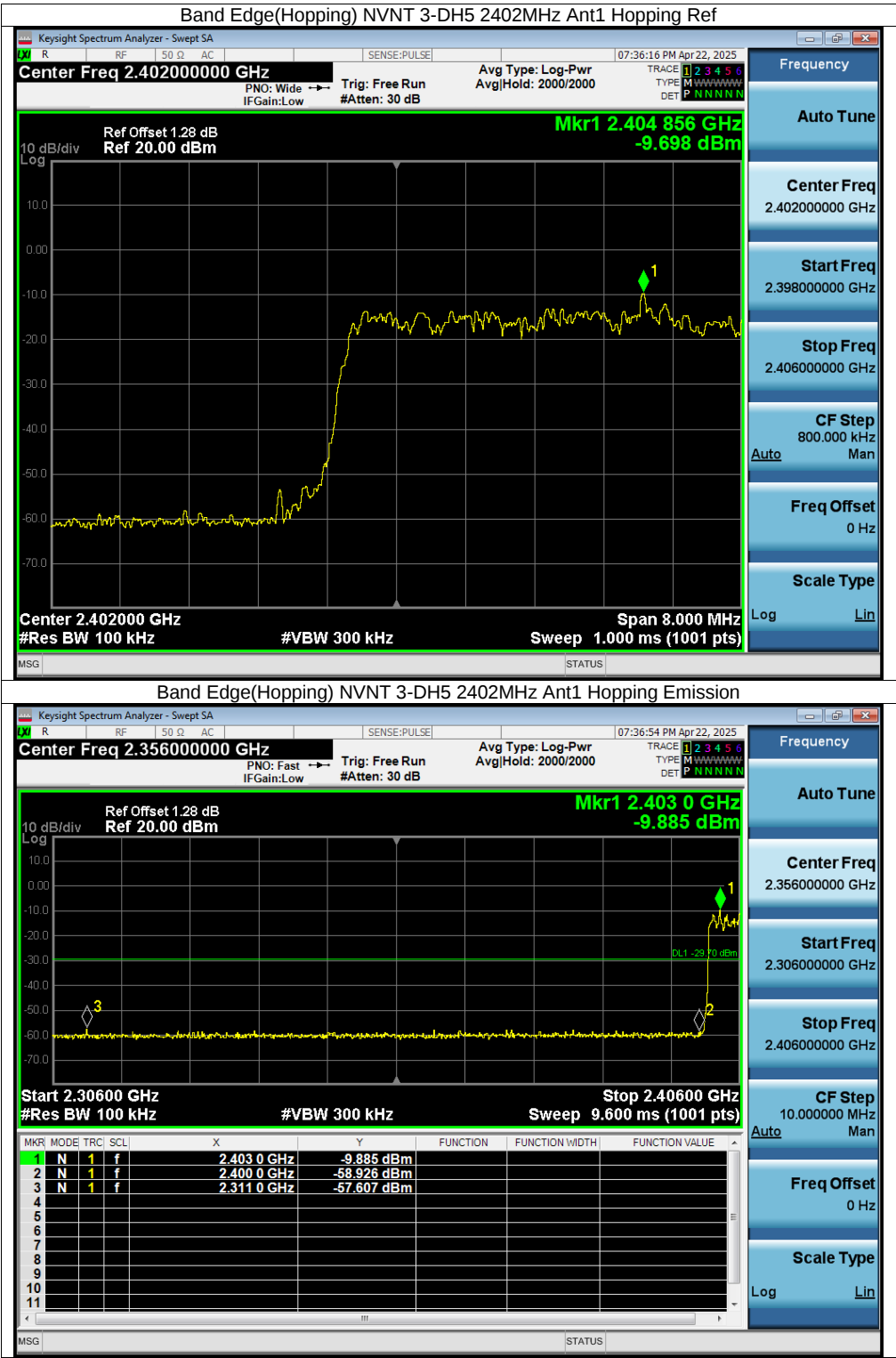
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-48.1	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-48.17	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-48.17	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-47.84	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-47.91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

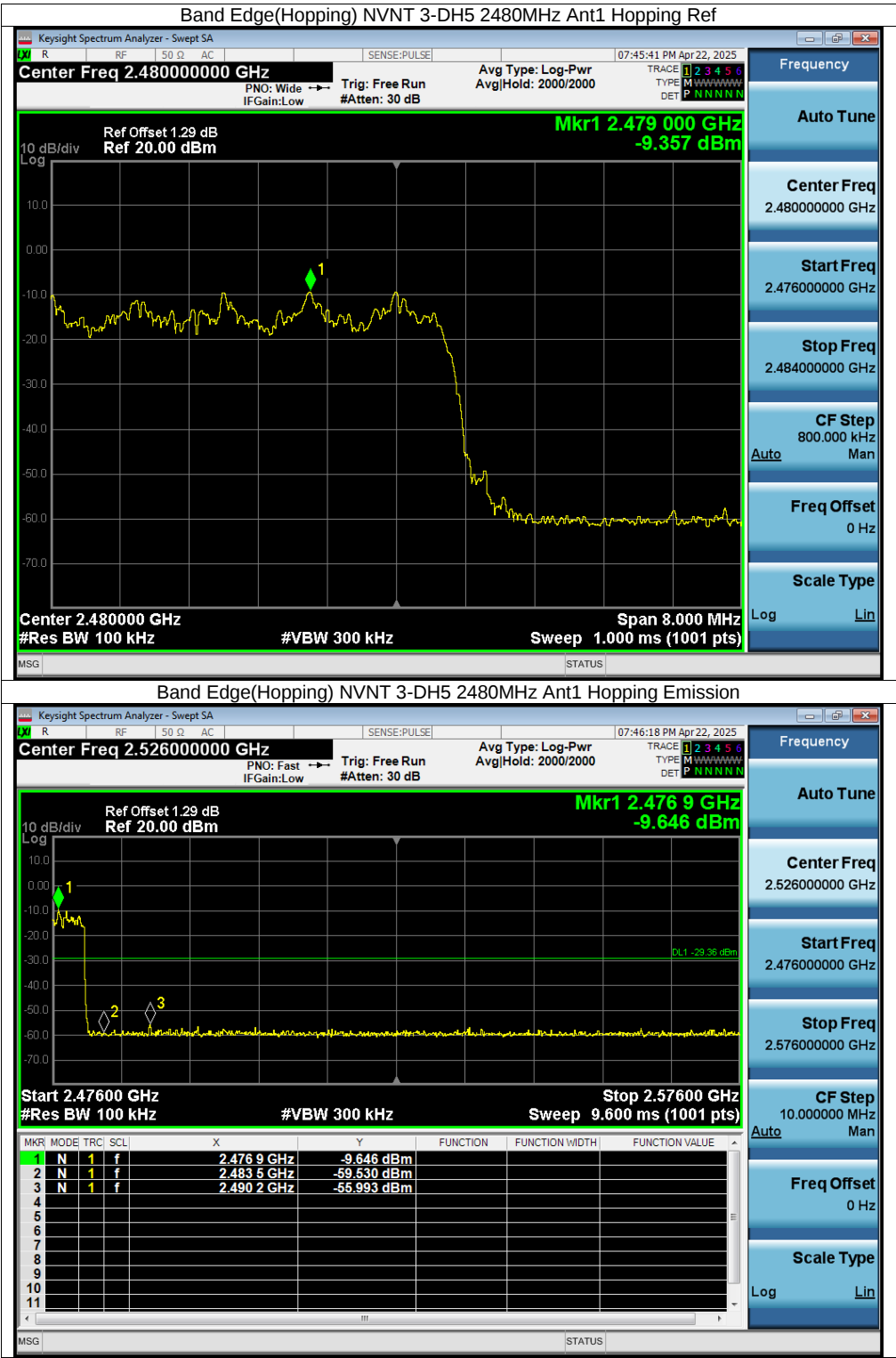






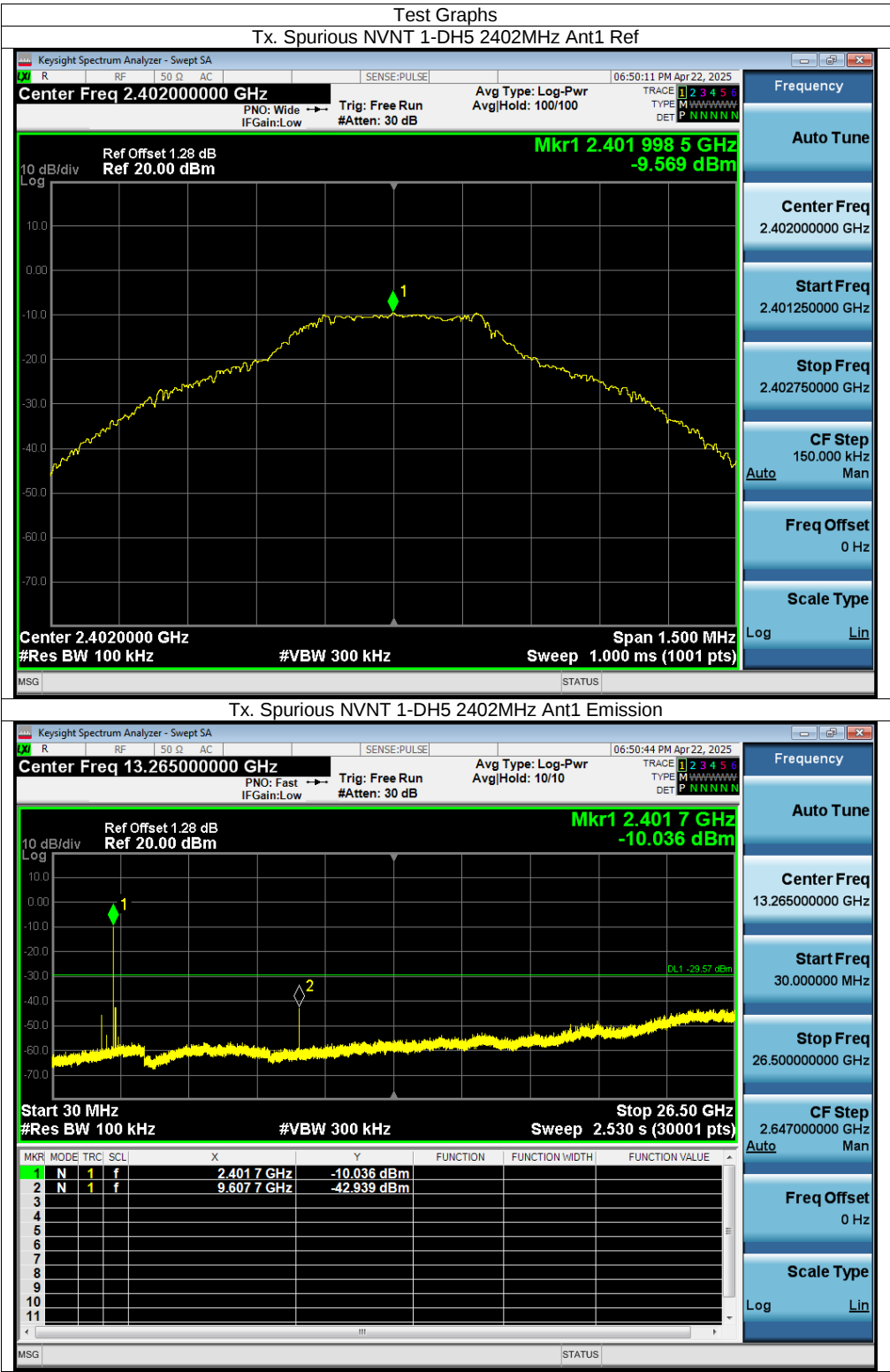


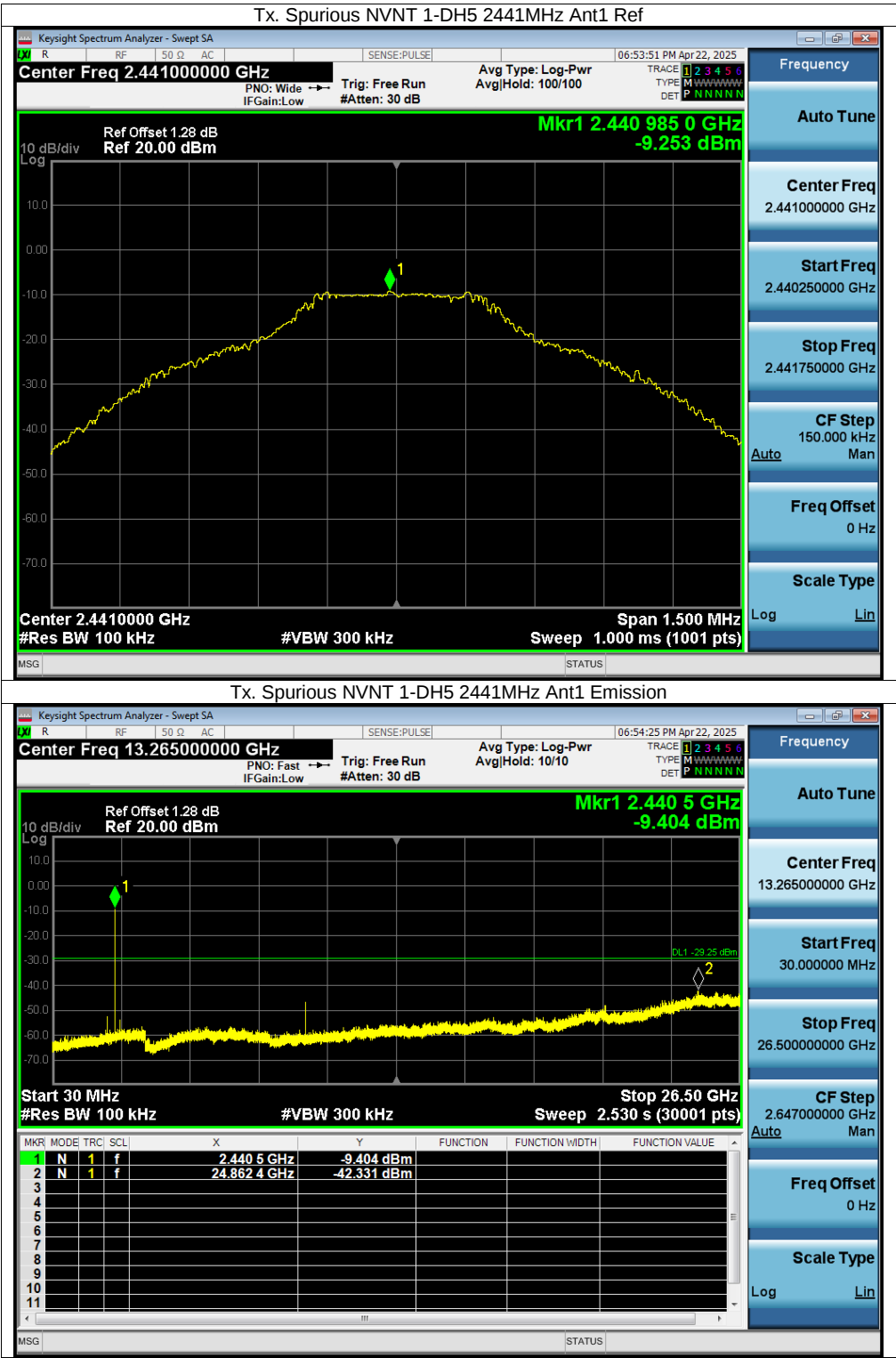


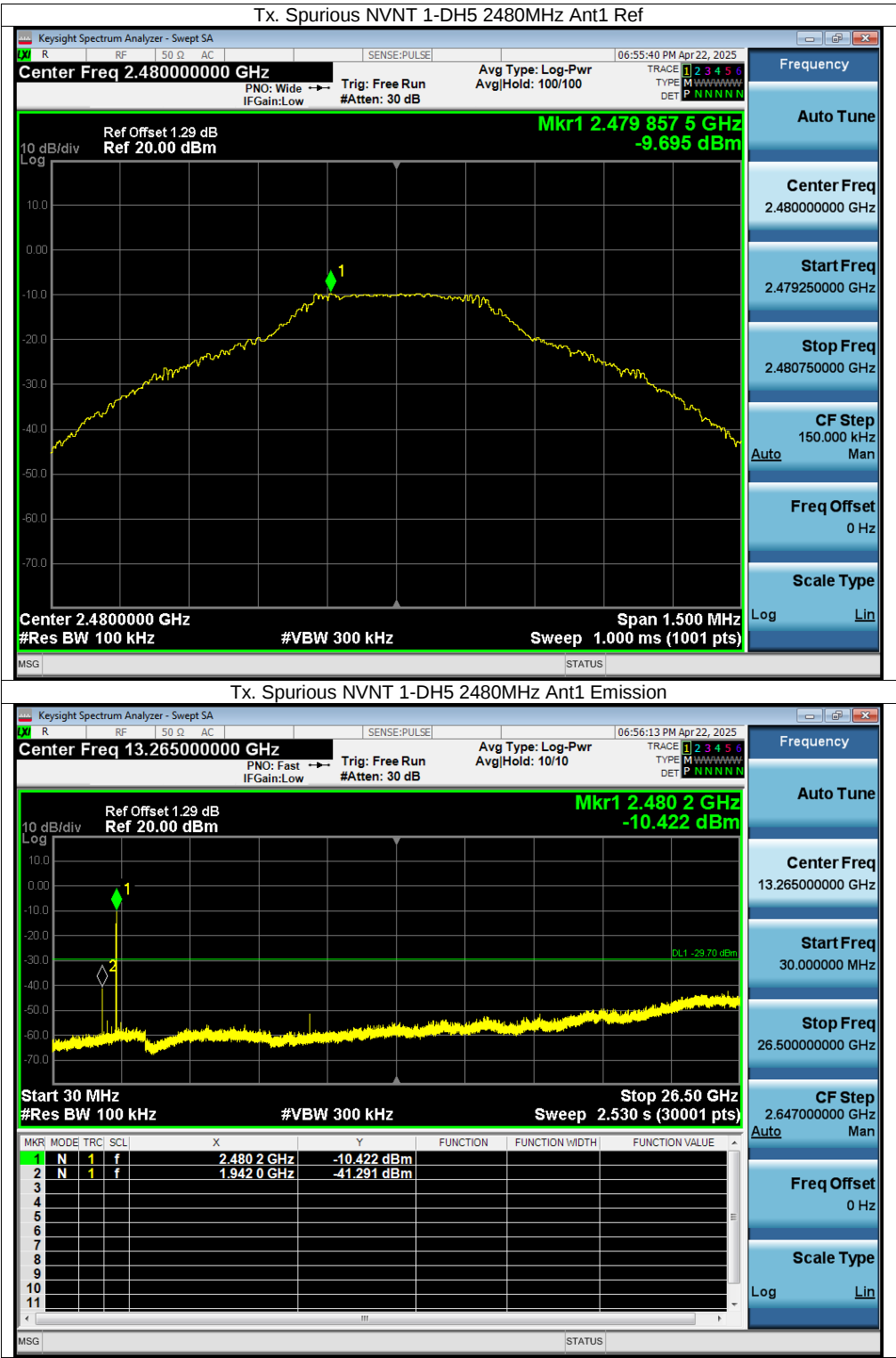


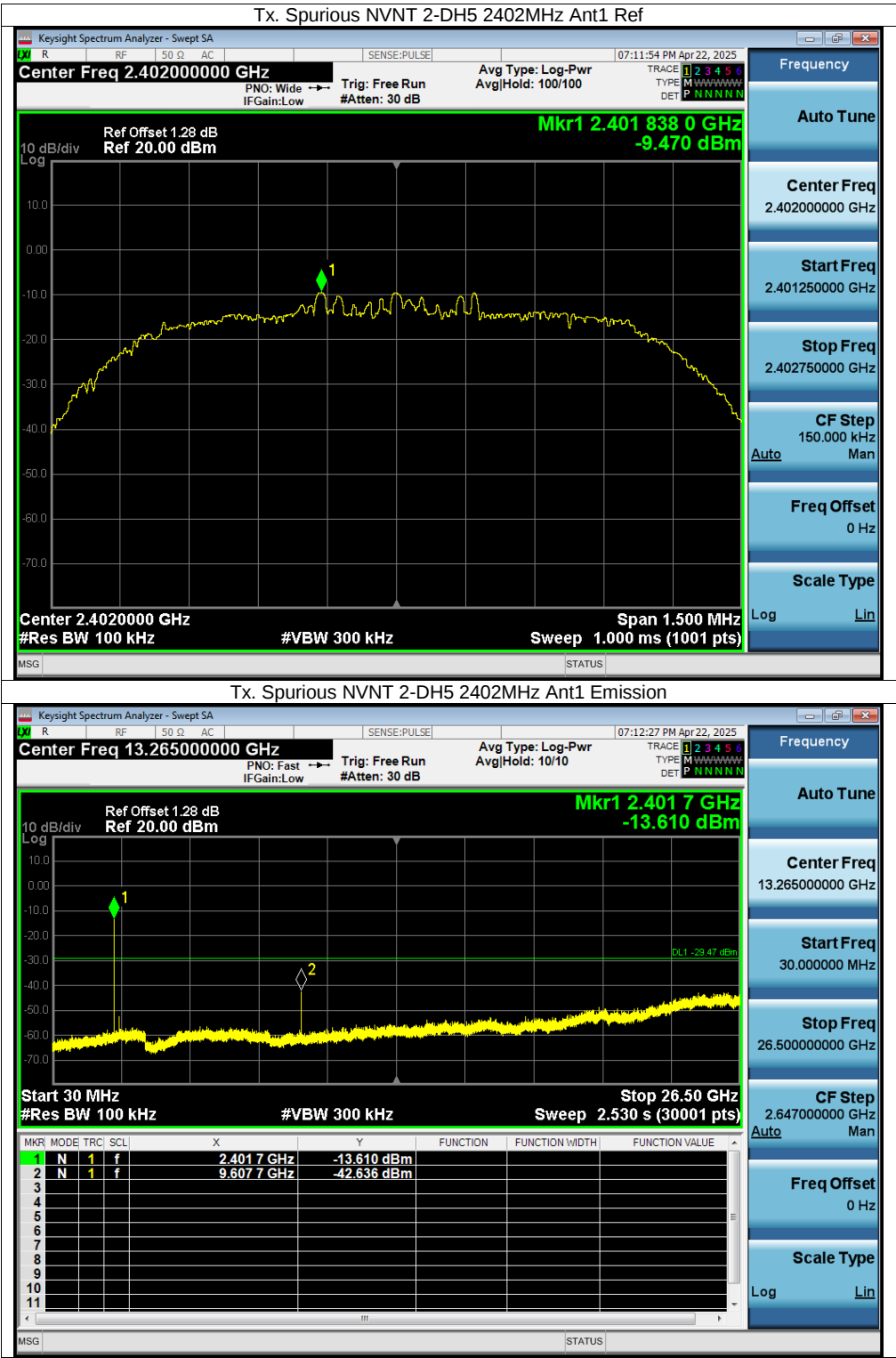
Conducted RF Spurious Emission

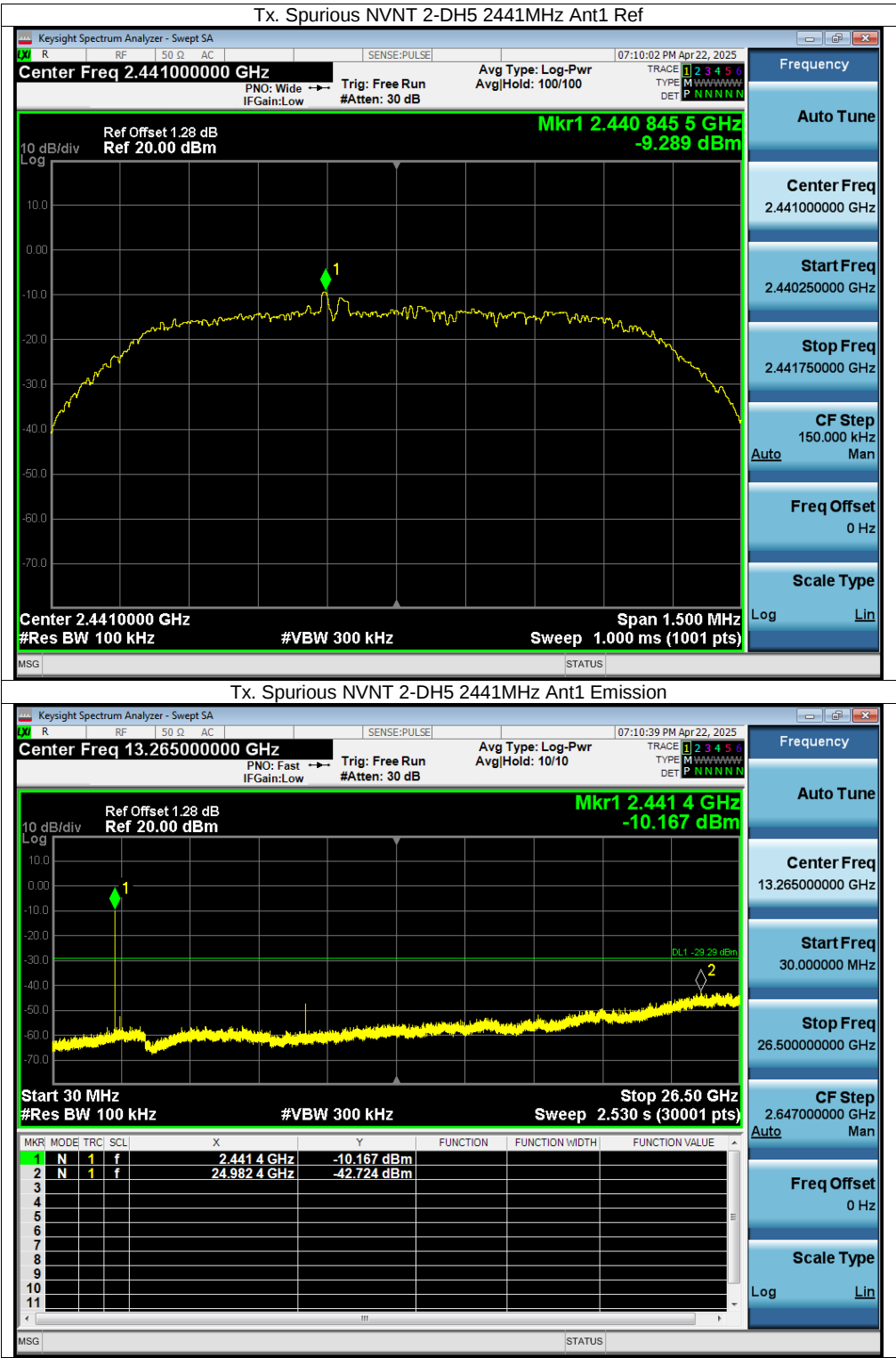
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-33.37	-20	Pass
NVNT	1-DH5	2441	Ant1	-33.08	-20	Pass
NVNT	1-DH5	2480	Ant1	-31.6	-20	Pass
NVNT	2-DH5	2402	Ant1	-33.17	-20	Pass
NVNT	2-DH5	2441	Ant1	-33.43	-20	Pass
NVNT	2-DH5	2480	Ant1	-33.71	-20	Pass
NVNT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

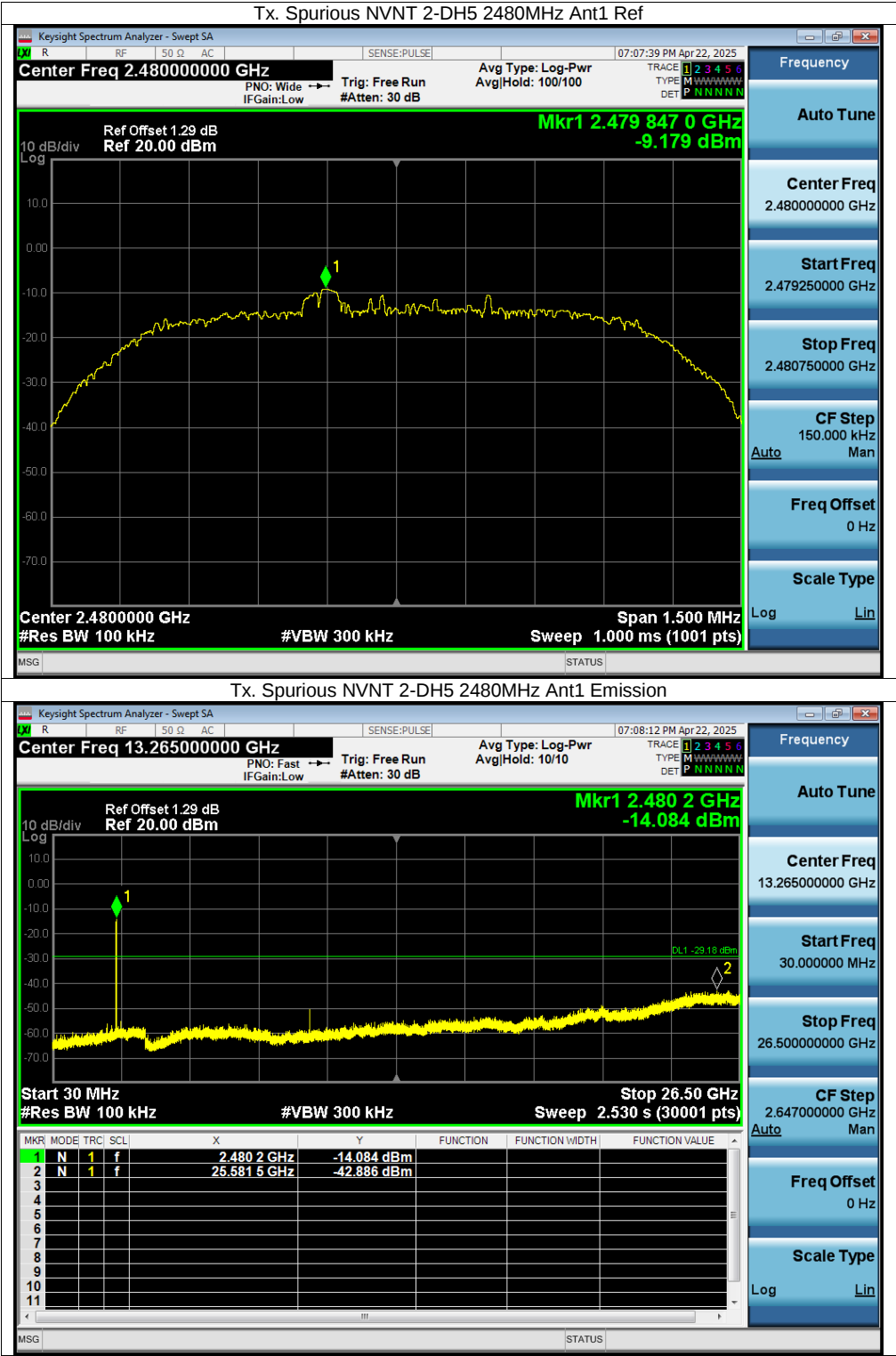




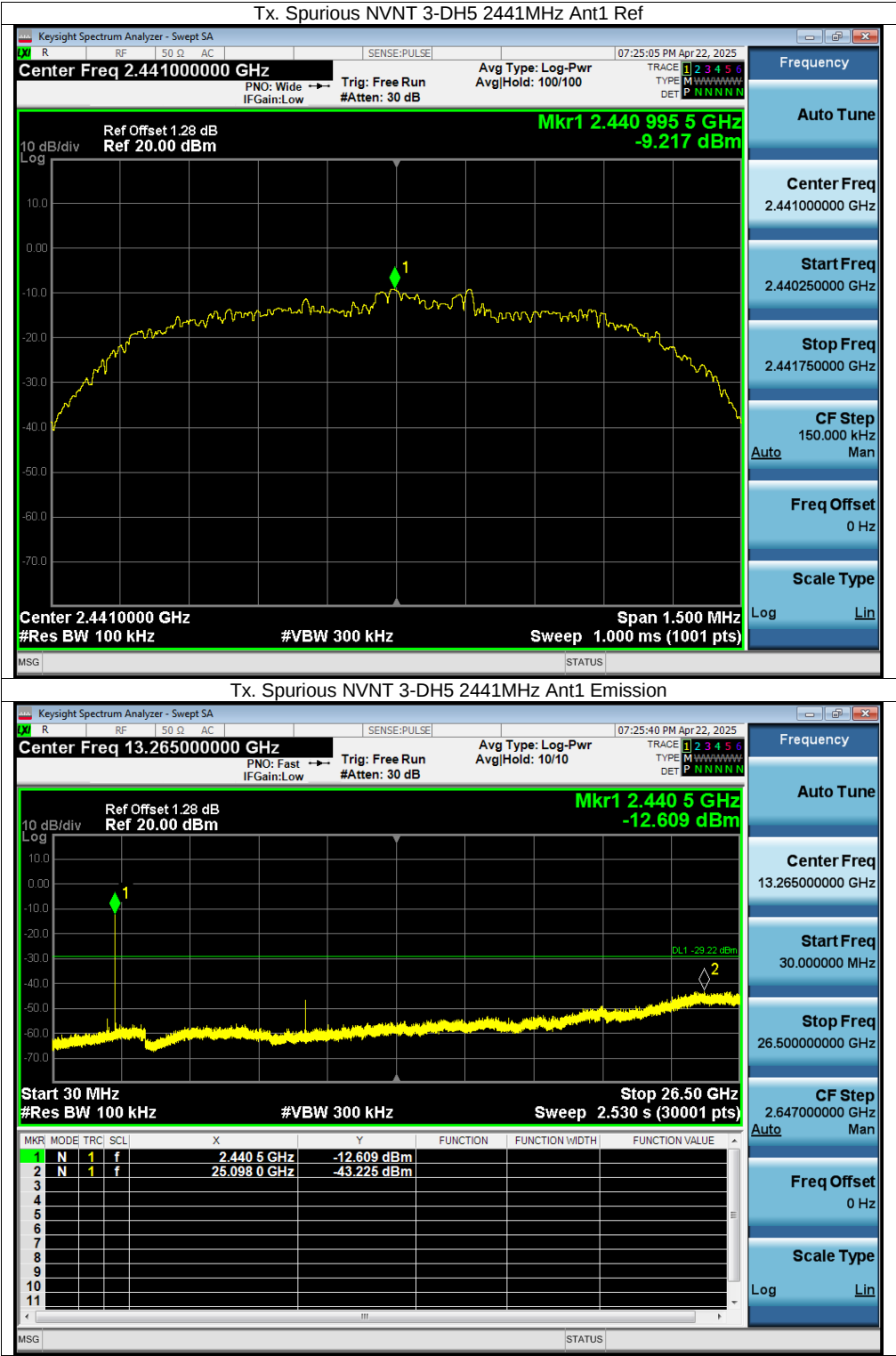


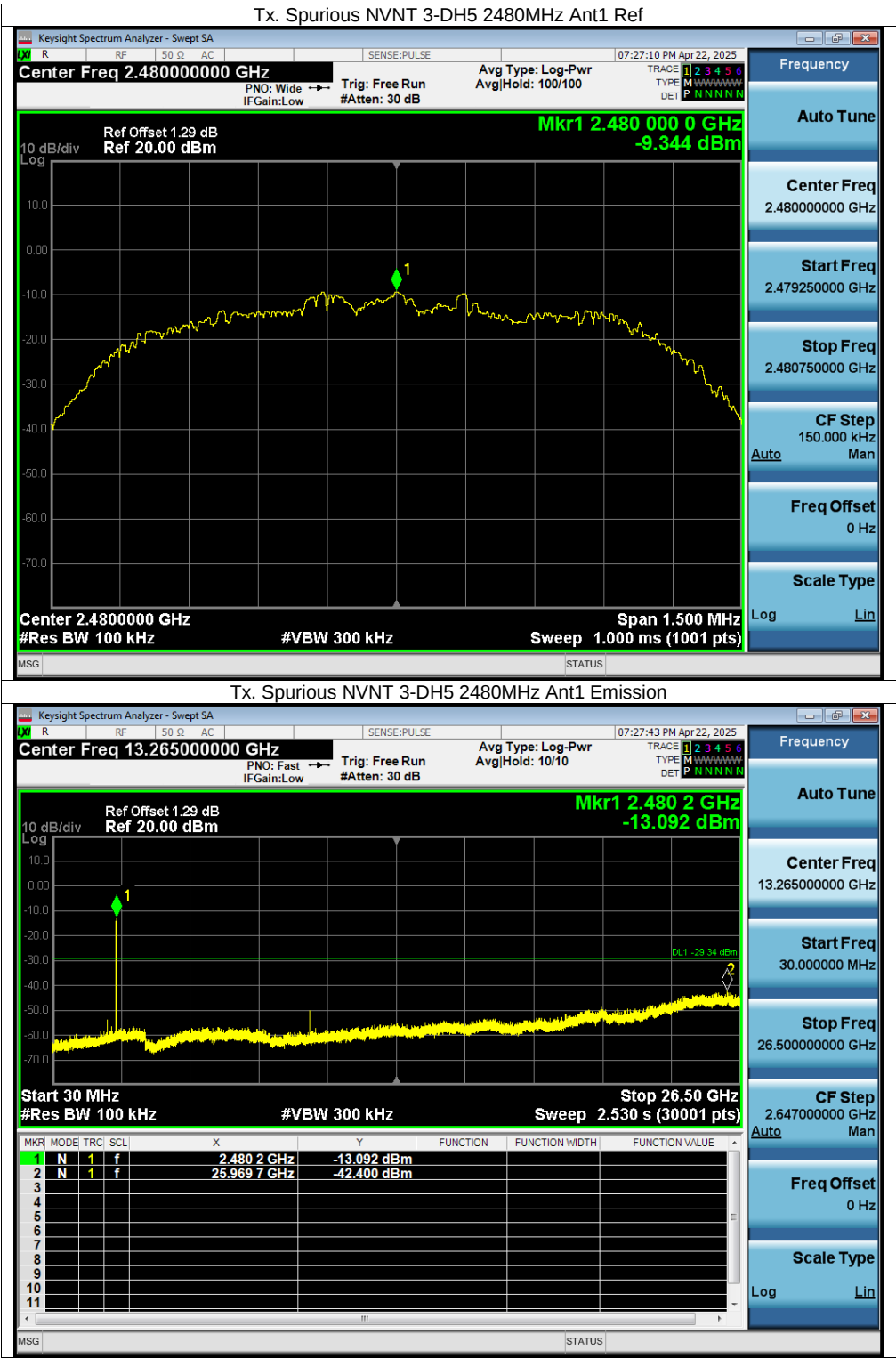












END OF REPORT