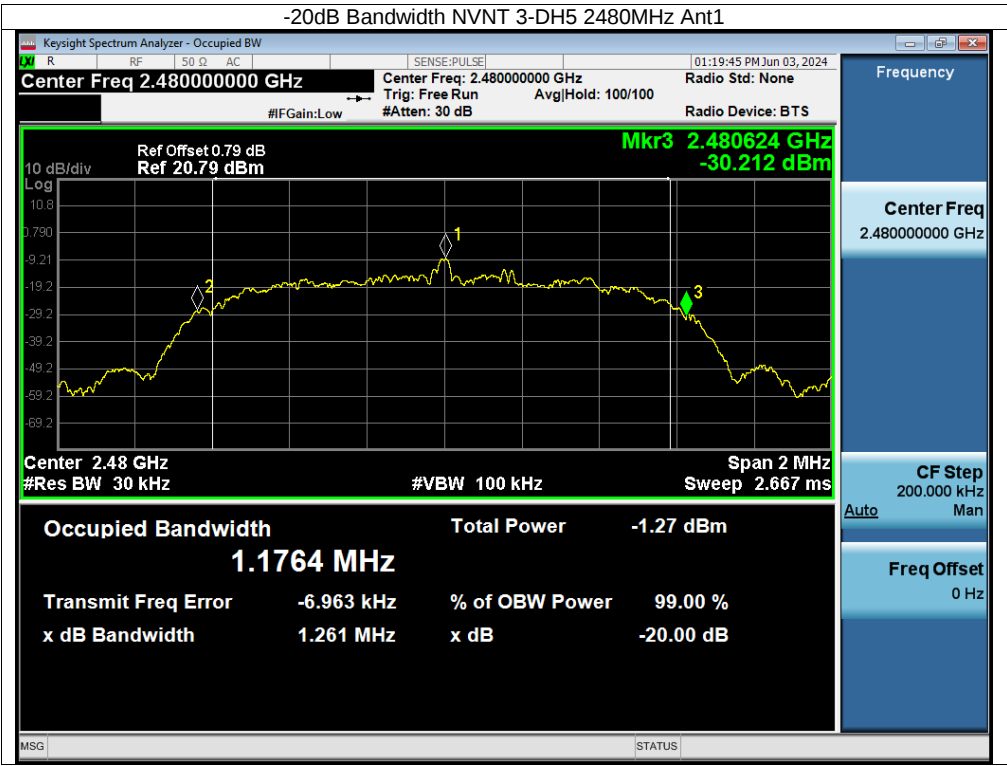




Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.862
NVNT	1-DH5	2441	Ant1	0.868
NVNT	1-DH5	2480	Ant1	0.853
NVNT	2-DH5	2402	Ant1	1.179
NVNT	2-DH5	2441	Ant1	1.179
NVNT	2-DH5	2480	Ant1	1.181
NVNT	3-DH5	2402	Ant1	1.186
NVNT	3-DH5	2441	Ant1	1.202
NVNT	3-DH5	2480	Ant1	1.191





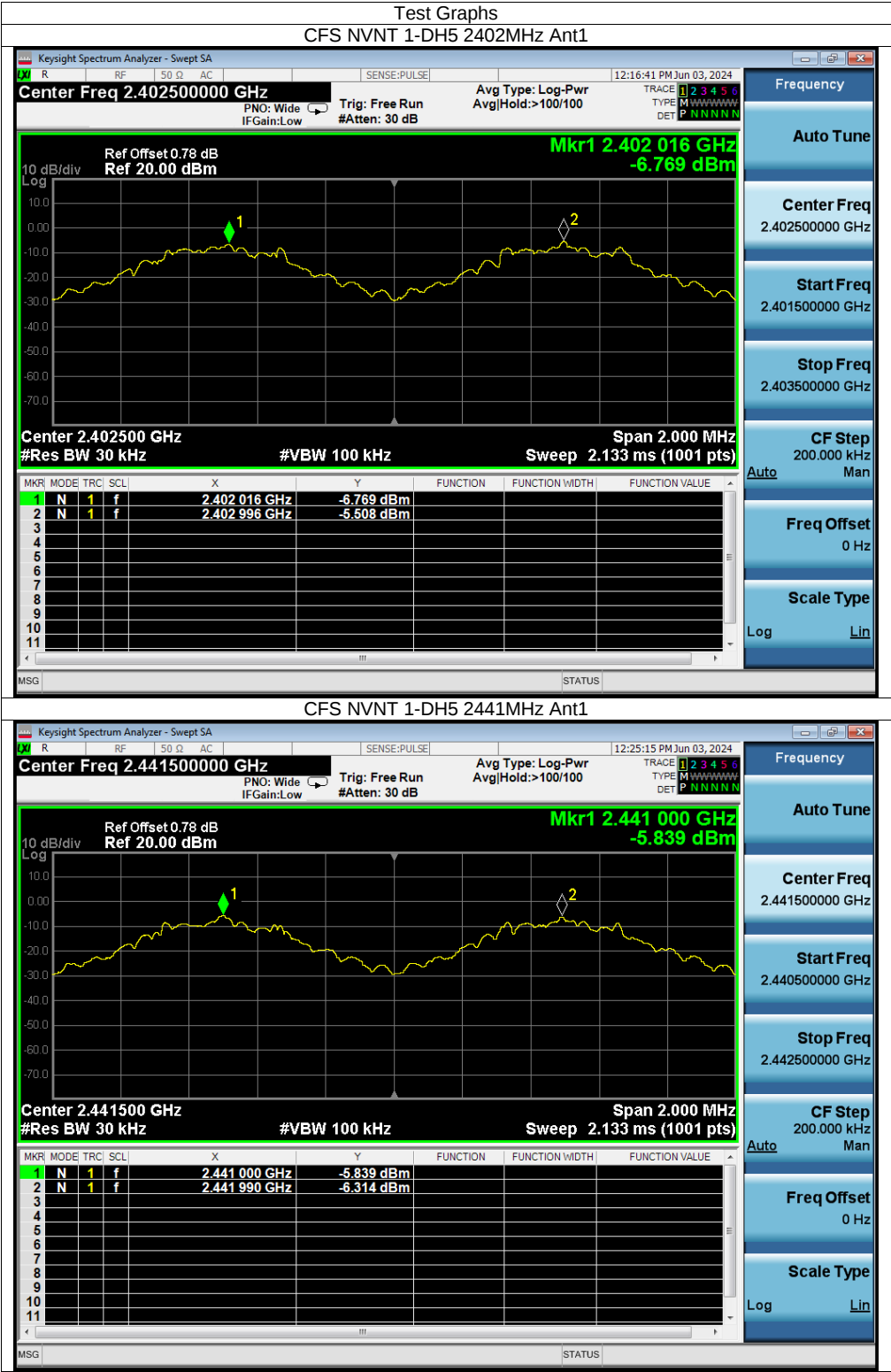


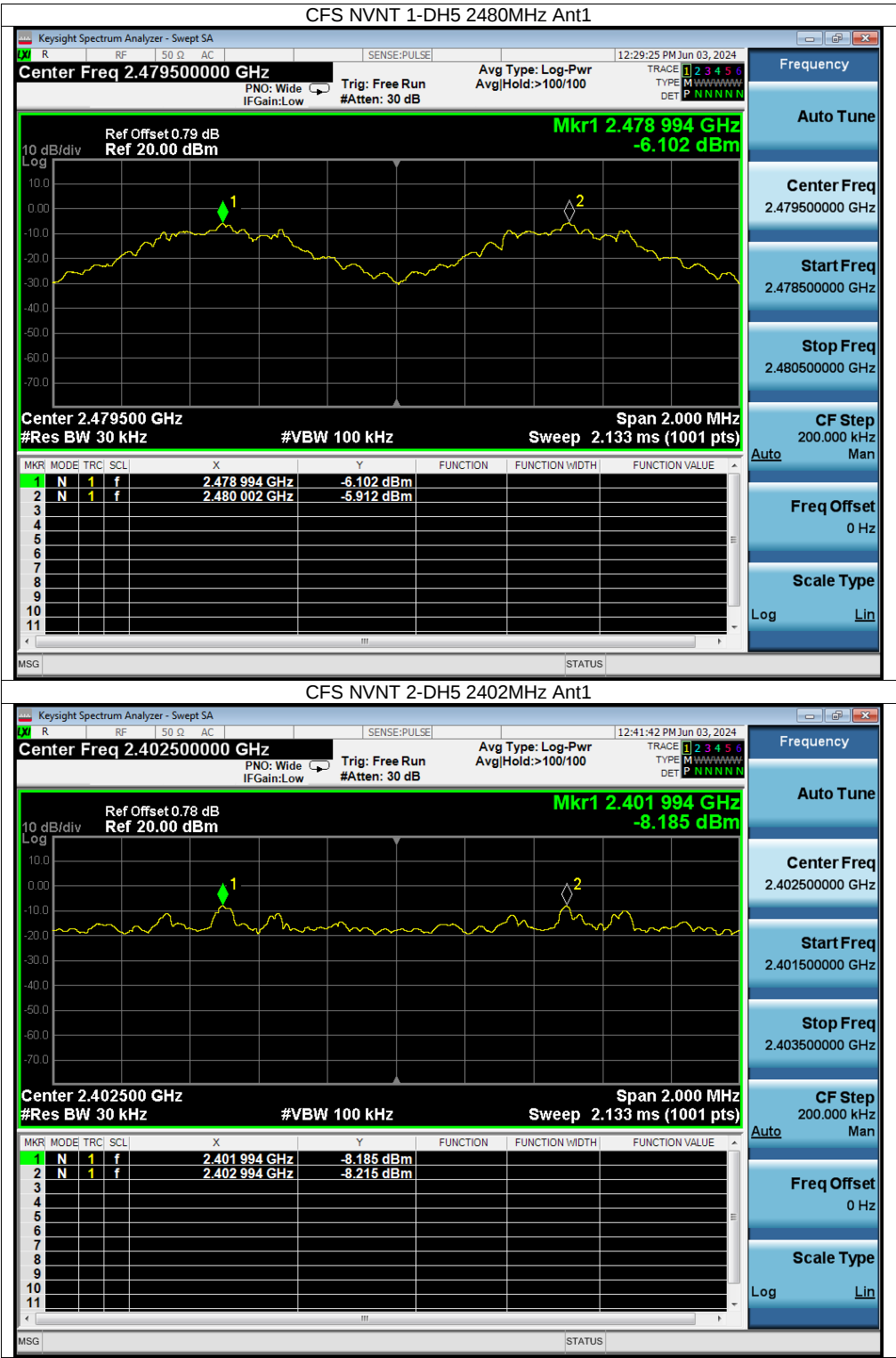


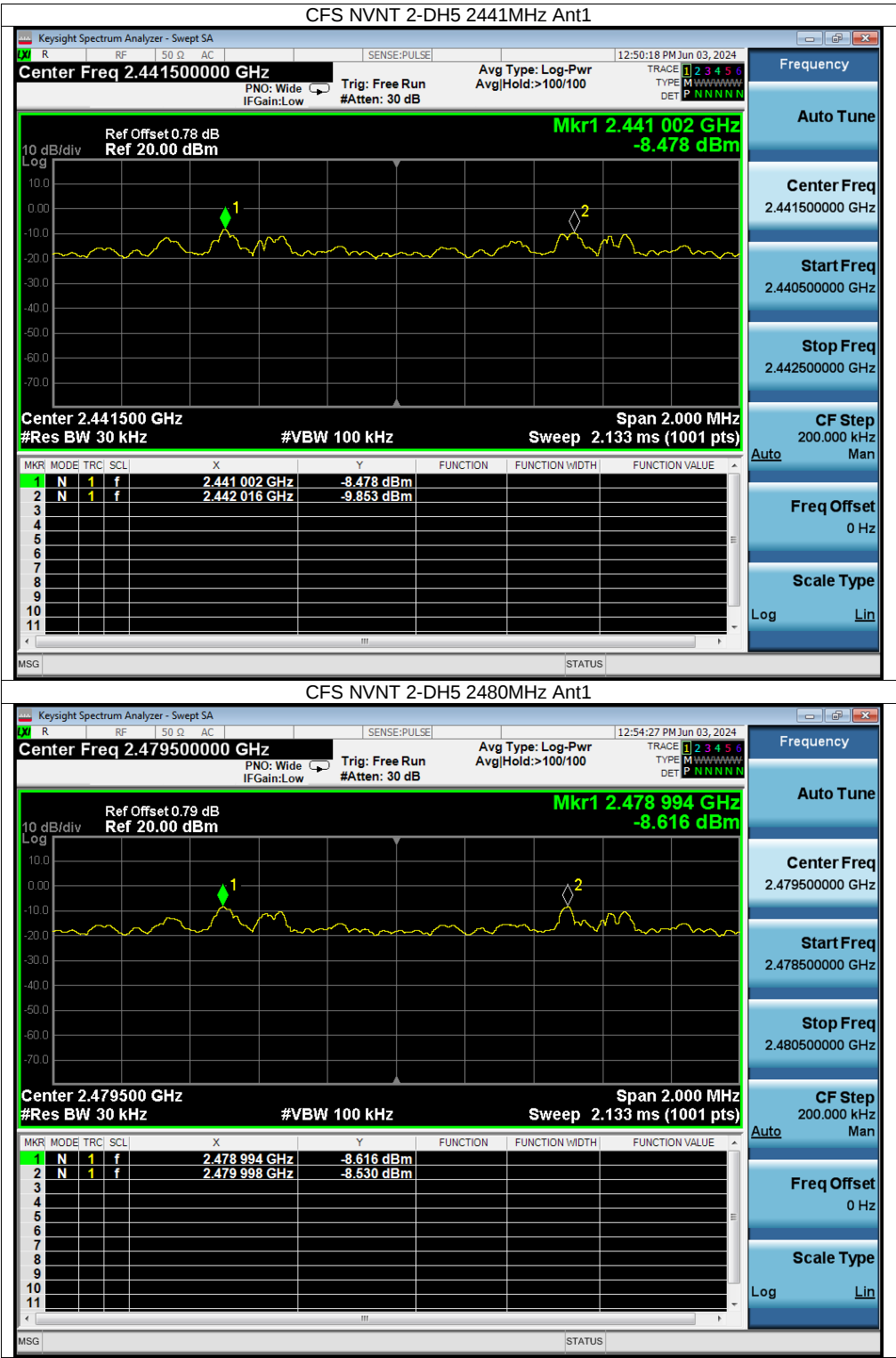


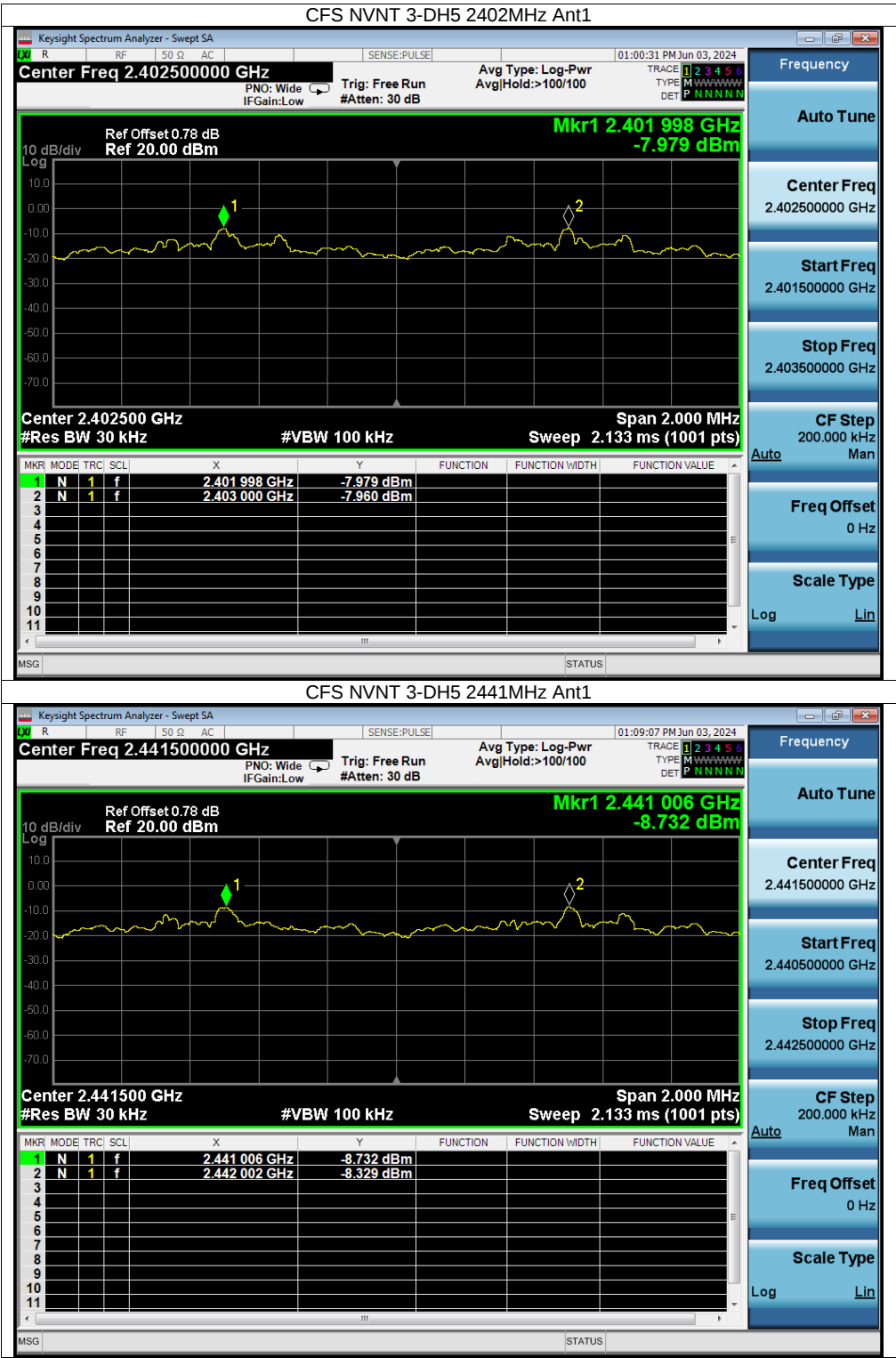
Carrier Frequencies Separation

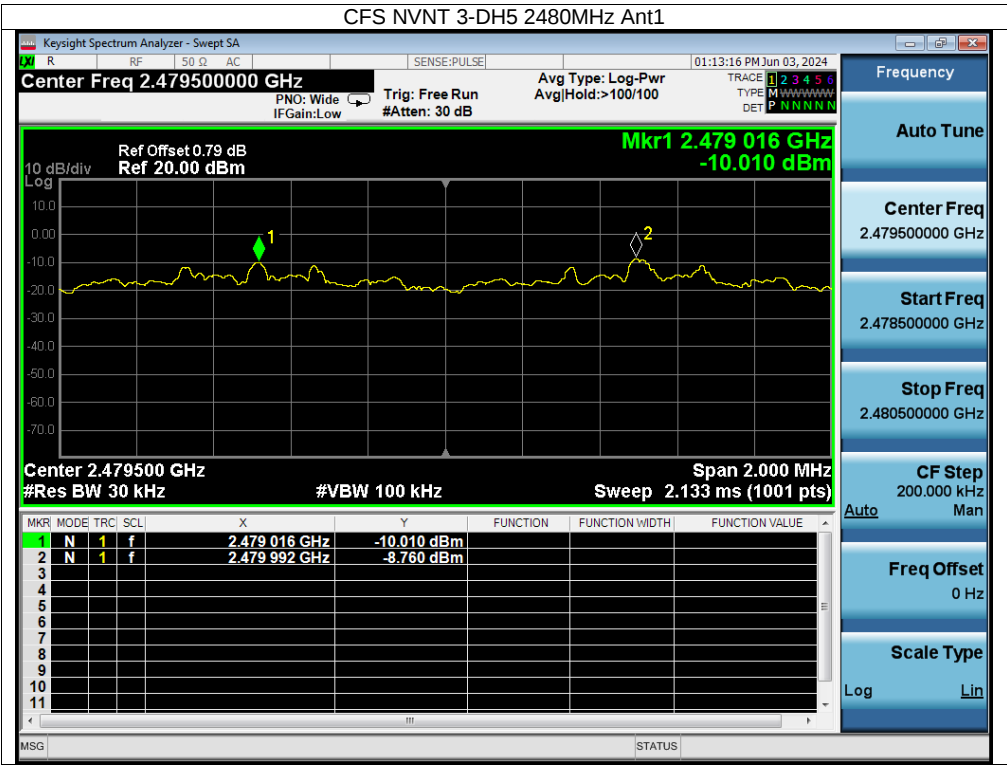
Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	Ant1	2402.016	2402.996	0.98	0.633	Pass
NVNT	1-DH5	Ant1	2441	2441.99	0.99	0.627	Pass
NVNT	1-DH5	Ant1	2478.994	2480.002	1.008	0.633	Pass
NVNT	2-DH5	Ant1	2401.994	2402.994	1	0.887	Pass
NVNT	2-DH5	Ant1	2441.002	2442.016	1.014	0.84	Pass
NVNT	2-DH5	Ant1	2478.994	2479.998	1.004	0.847	Pass
NVNT	3-DH5	Ant1	2401.998	2403	1.002	0.853	Pass
NVNT	3-DH5	Ant1	2441.006	2442.002	0.996	0.88	Pass
NVNT	3-DH5	Ant1	2479.016	2479.992	0.976	0.84	Pass





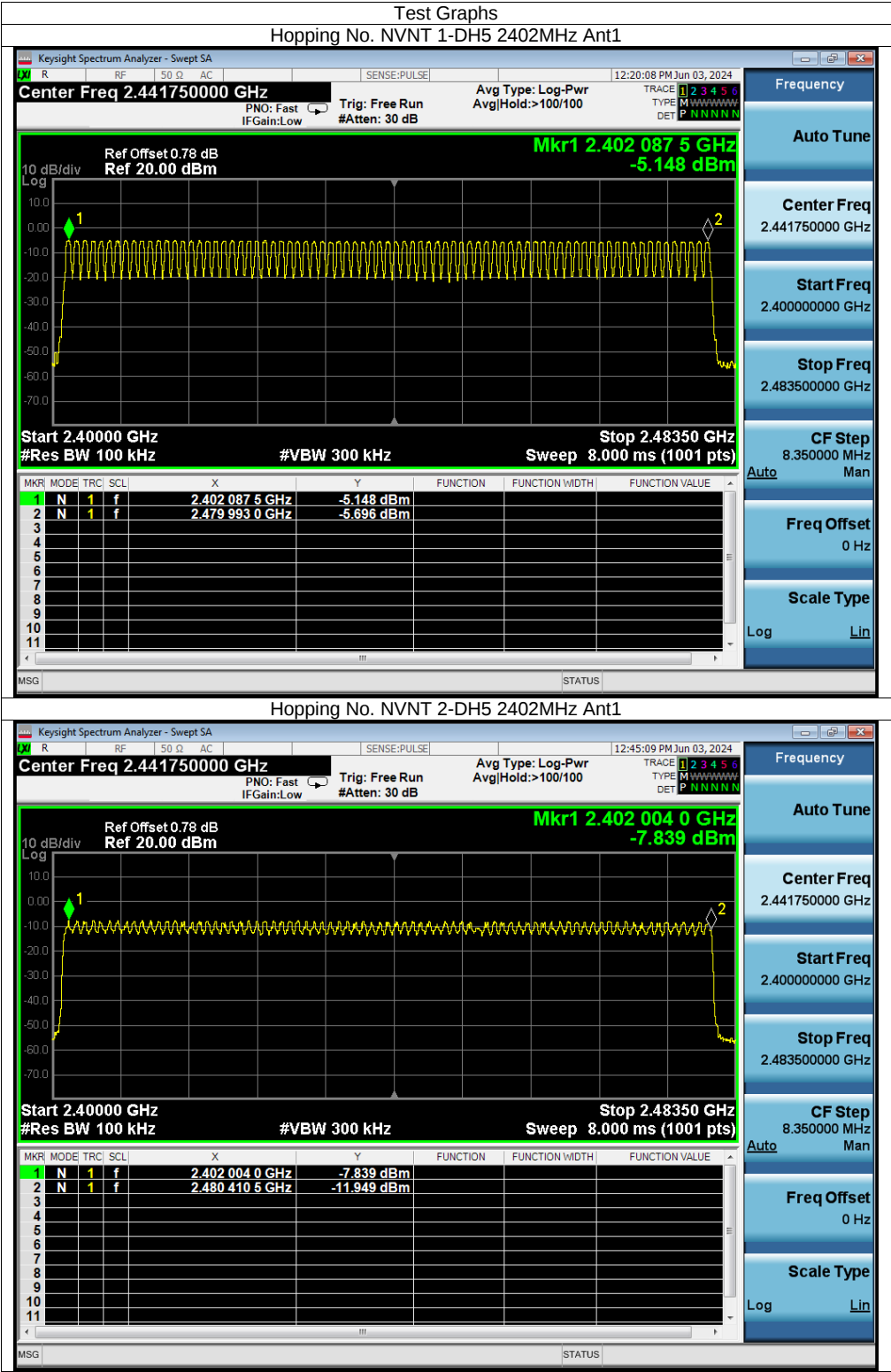


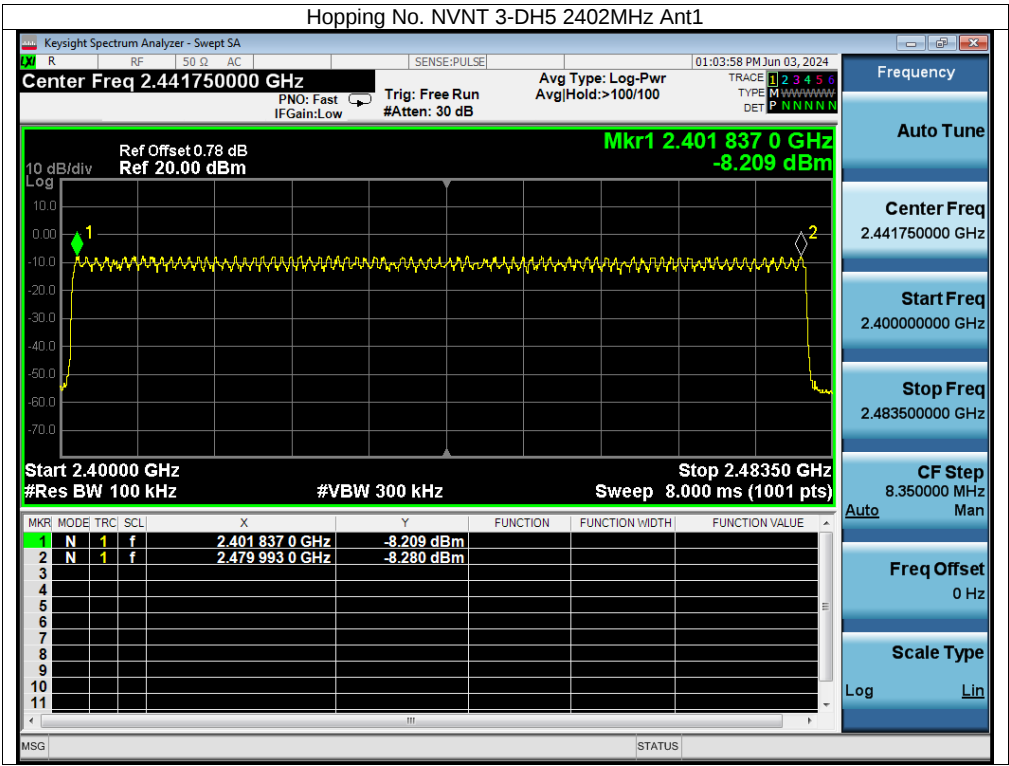




Number of Hopping Channel

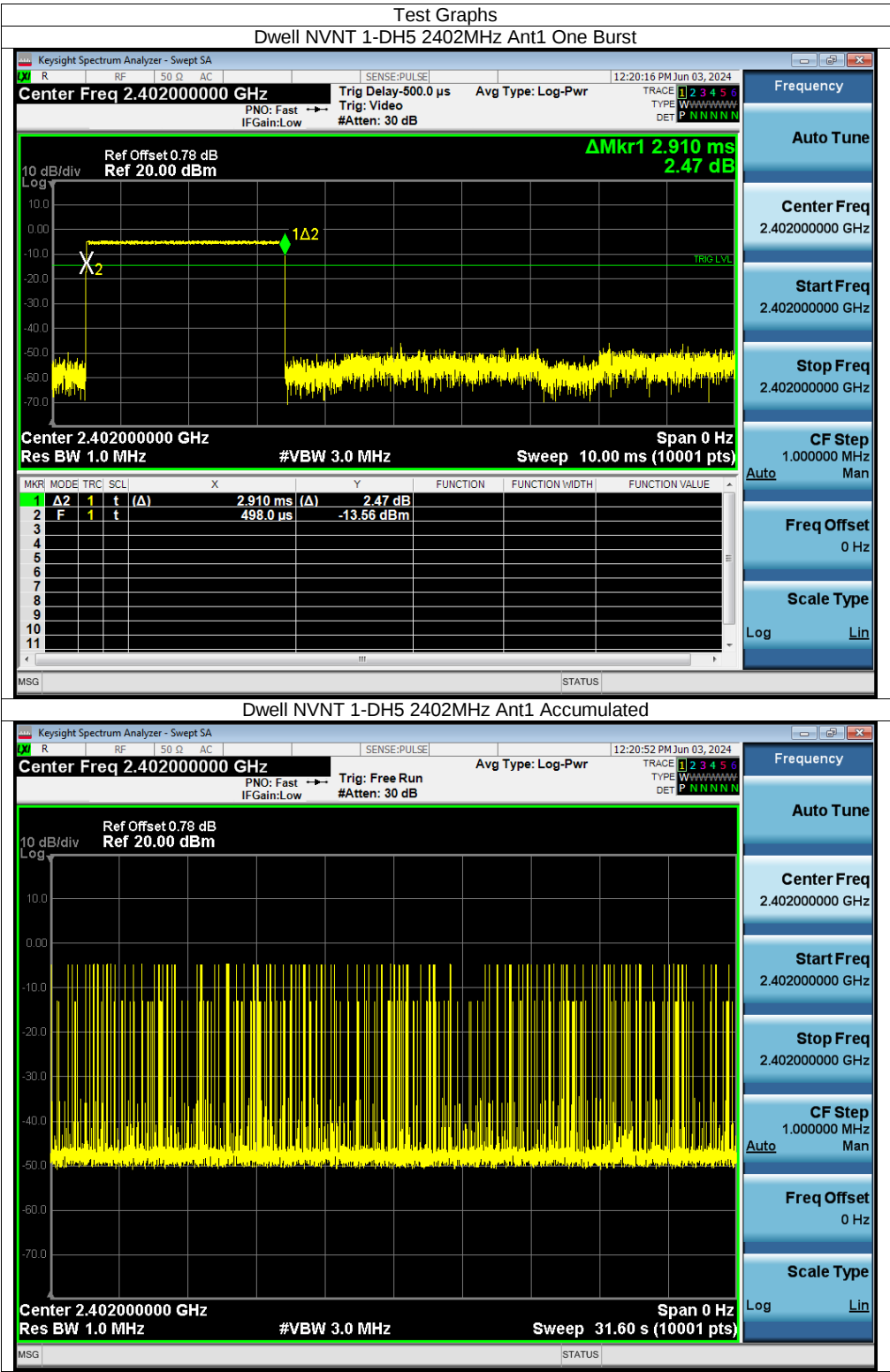
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

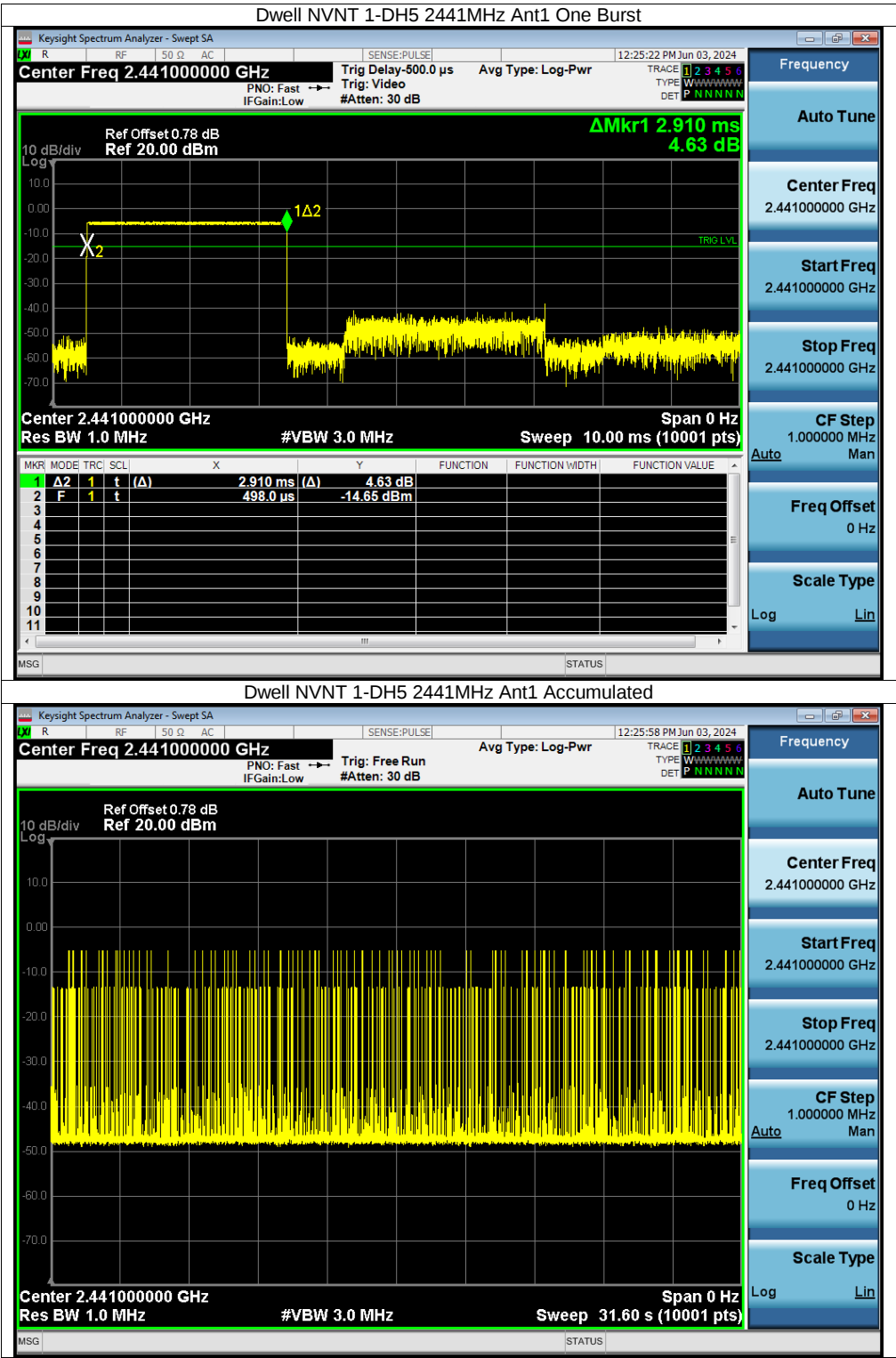


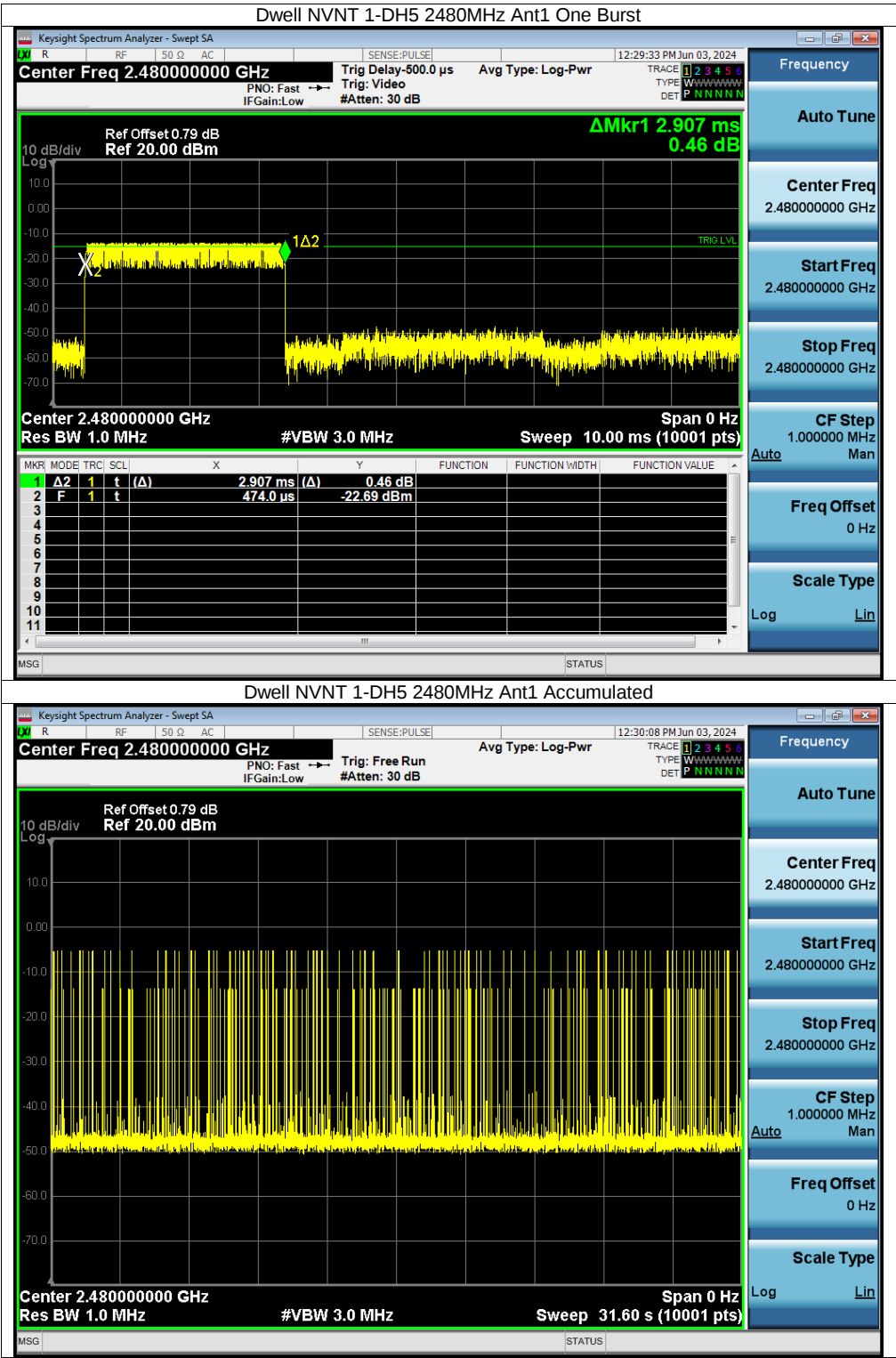


Dwell Time

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	2.91	340.47	117	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.91	293.91	101	31600	400	Pass
NVNT	1-DH5	2480	Ant1	2.907	296.514	102	31600	400	Pass
NVNT	2-DH5	2402	Ant1	2.916	323.676	111	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.916	282.852	97	31600	400	Pass
NVNT	2-DH5	2480	Ant1	2.916	306.18	105	31600	400	Pass
NVNT	3-DH5	2402	Ant1	2.914	323.454	111	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.913	297.126	102	31600	400	Pass
NVNT	3-DH5	2480	Ant1	2.914	288.486	99	31600	400	Pass







Dwell NVNT 1-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

12:30:08 PM Jun 03, 2024

TRACE 1 2 3 4 5 6

TYPE W W W W W W W W

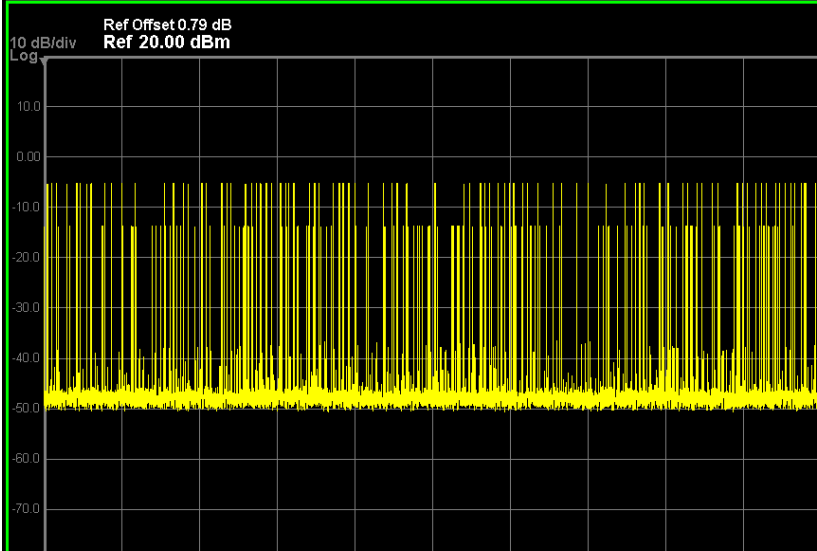
DET P N N N N N

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

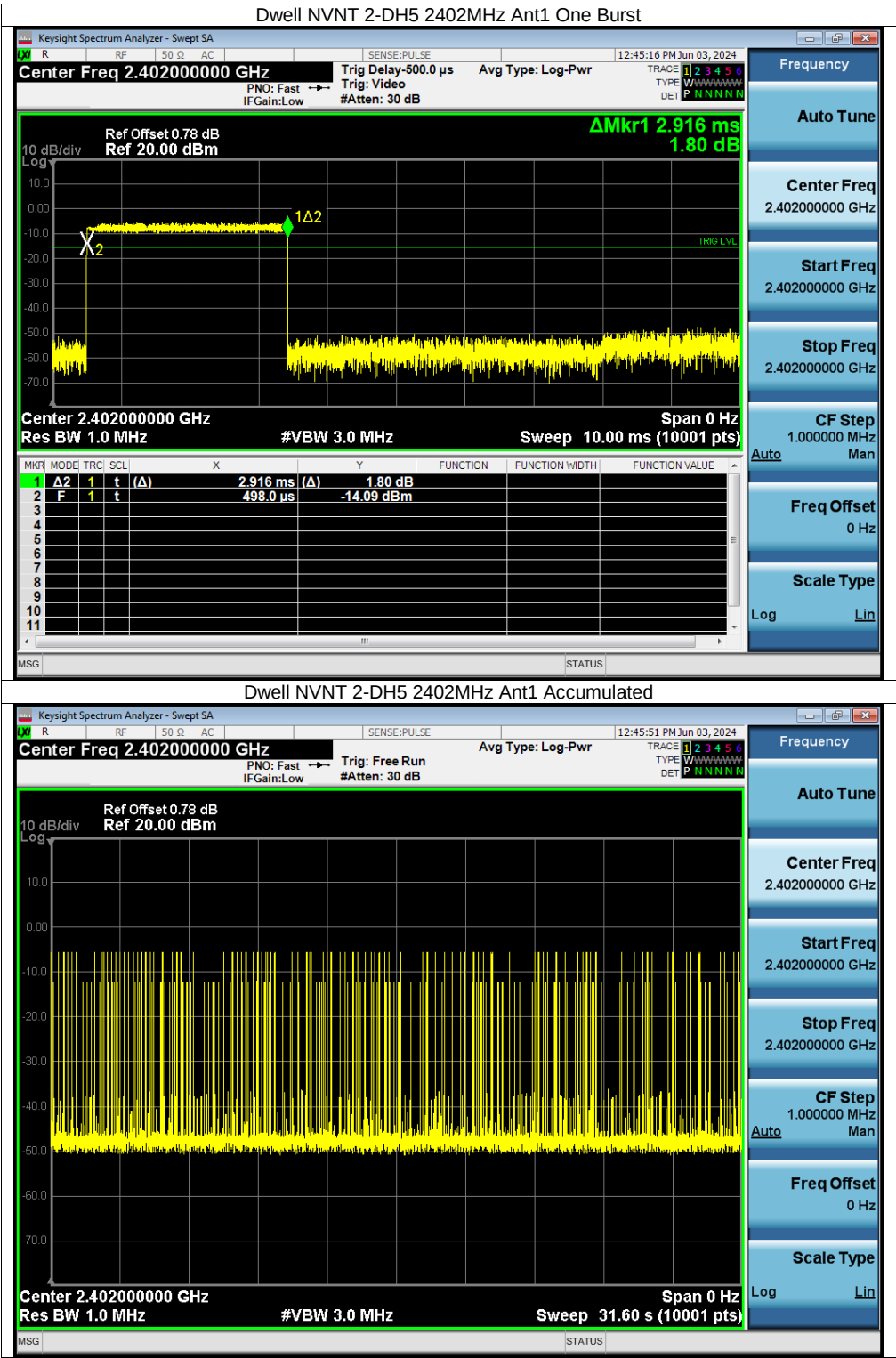
CF Step 1.000000 MHz

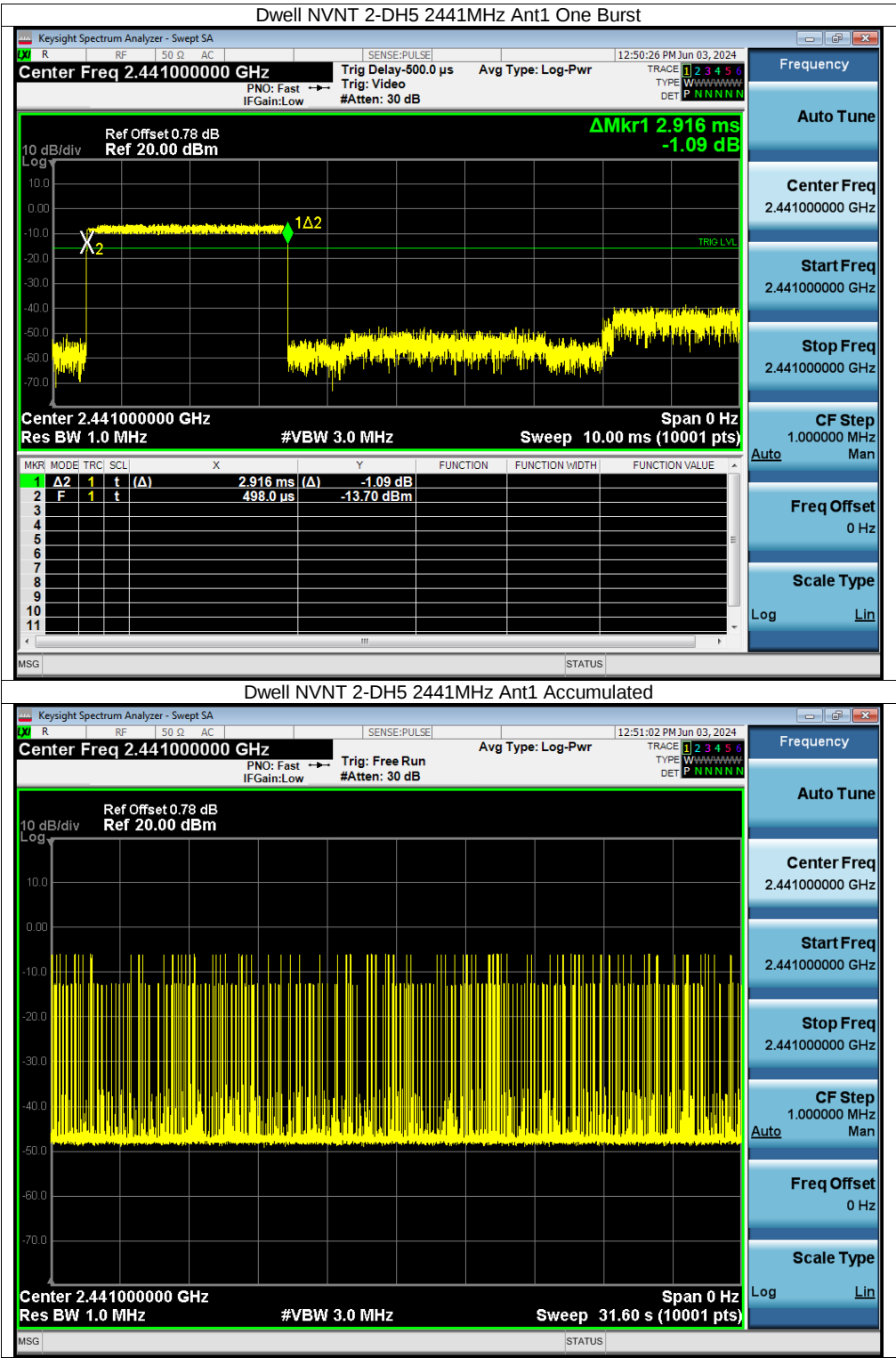
Auto Man

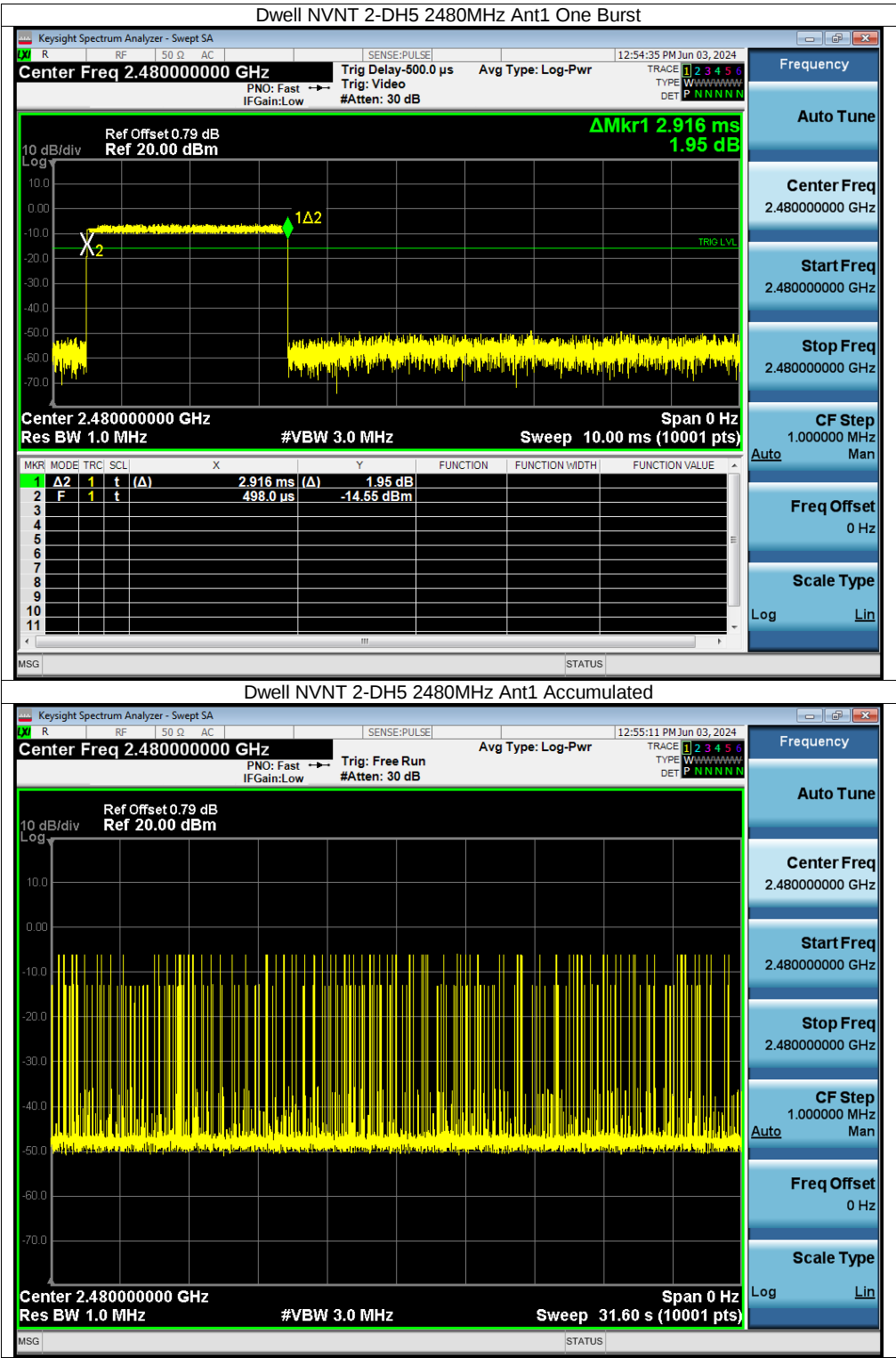
Freq Offset 0 Hz

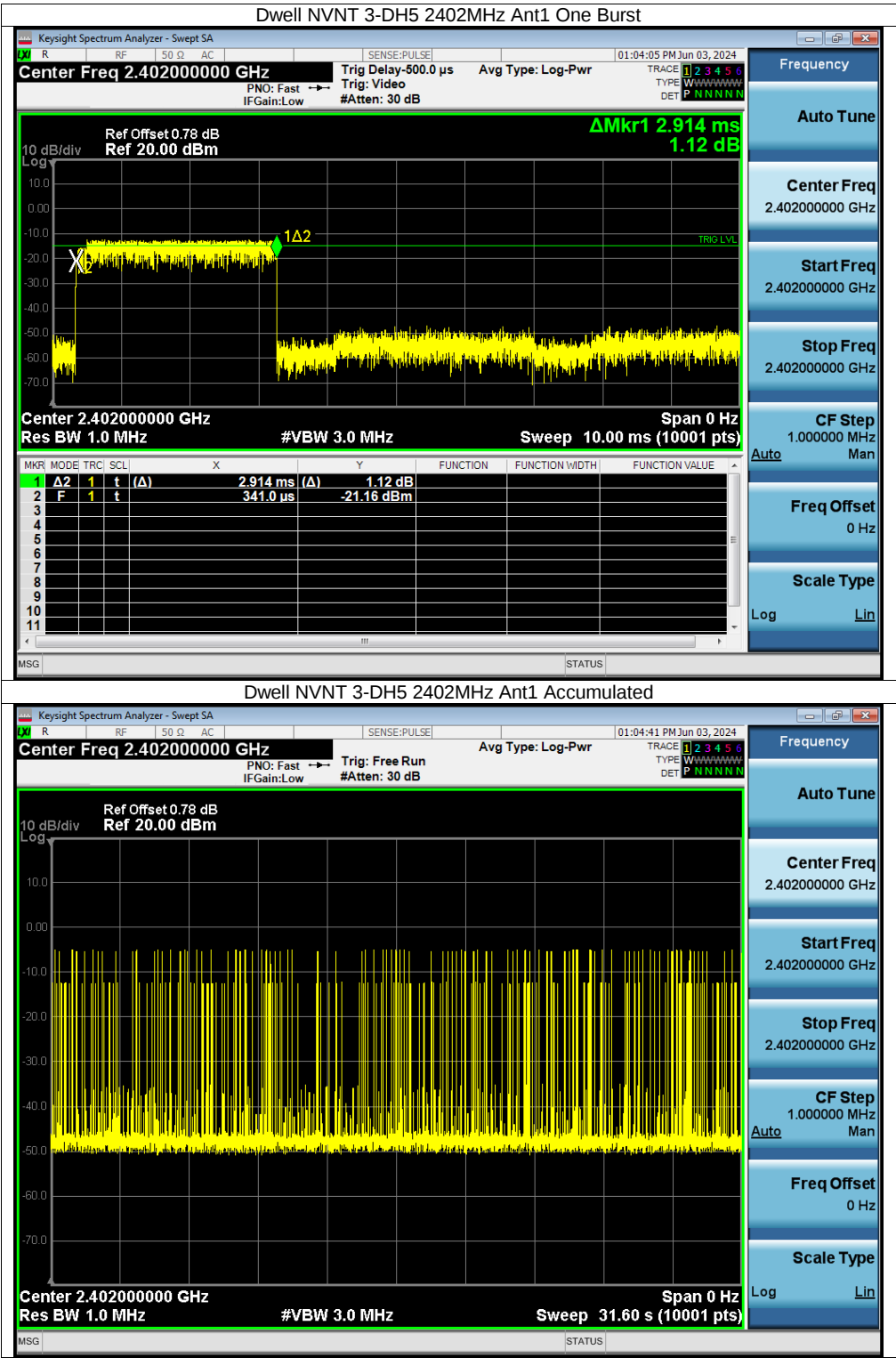
Scale Type

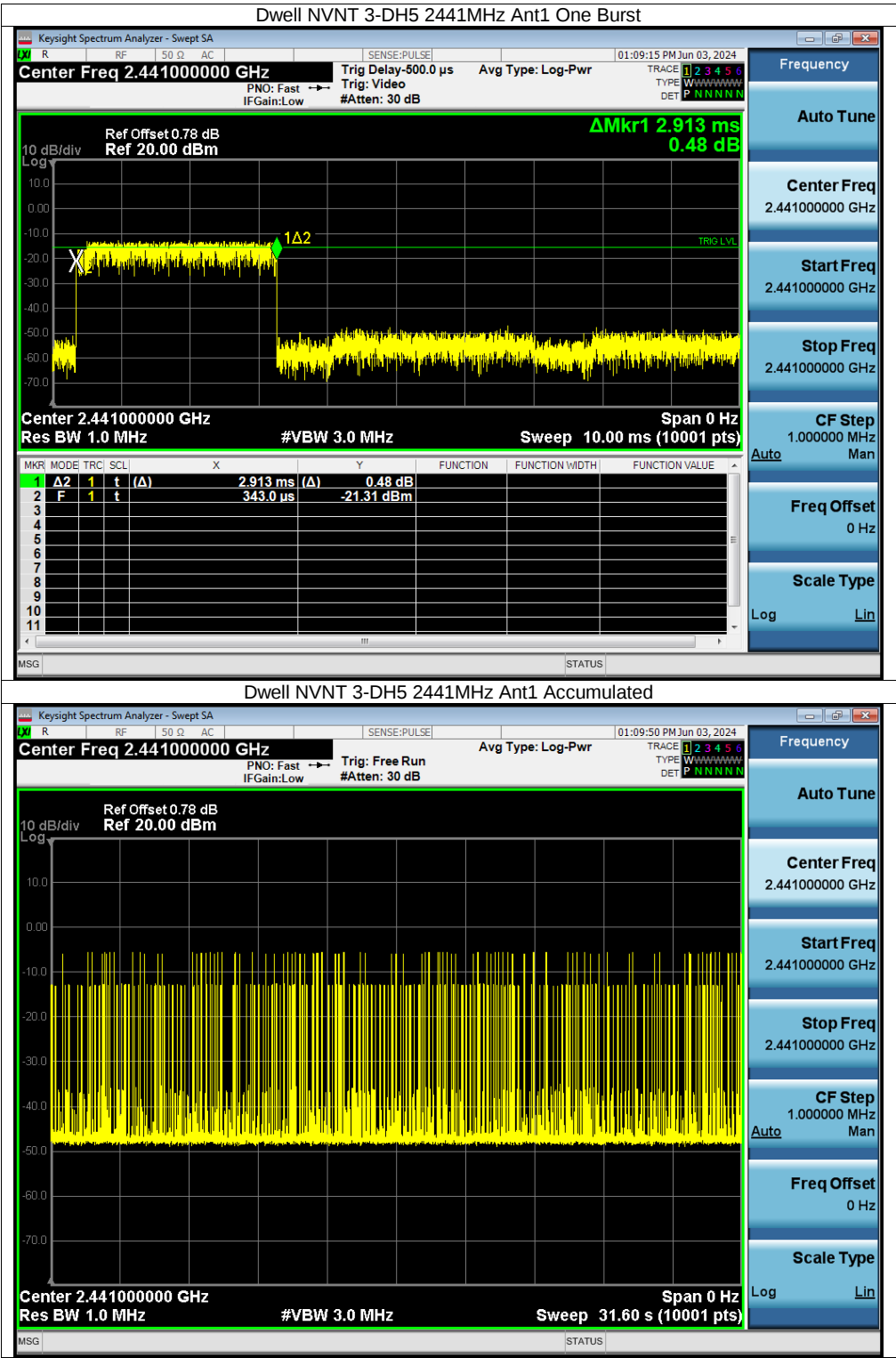
Log Lin

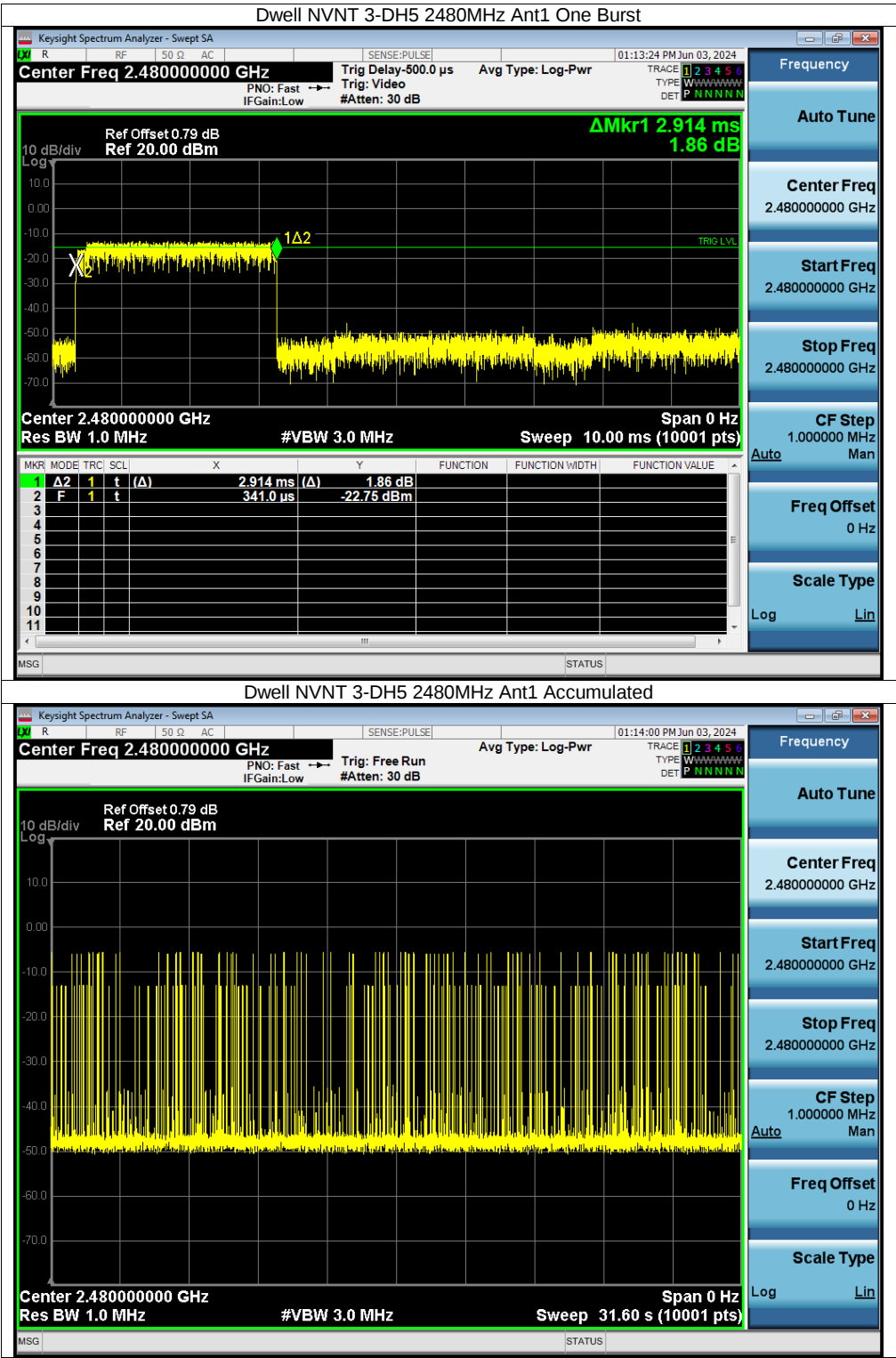






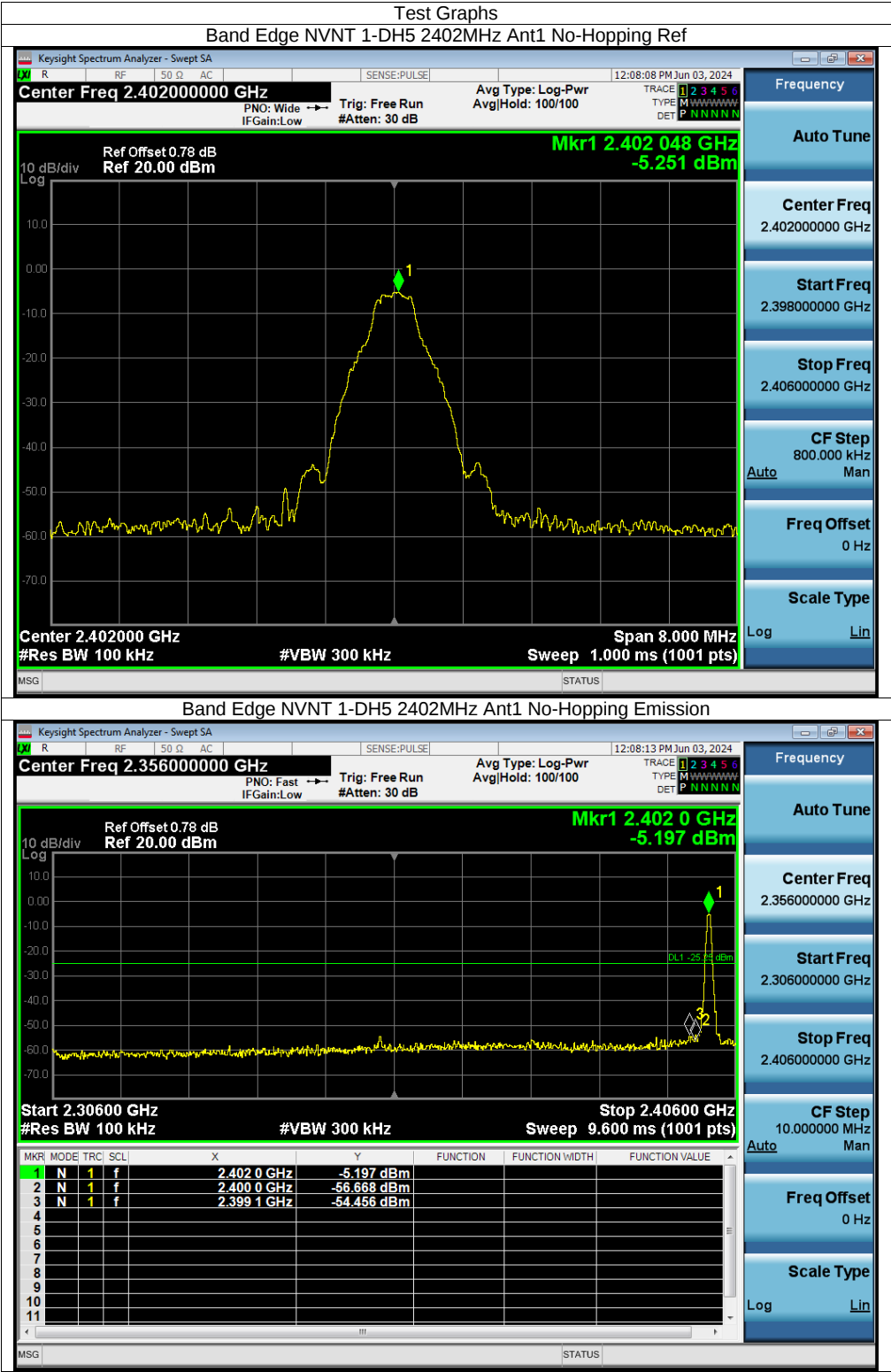


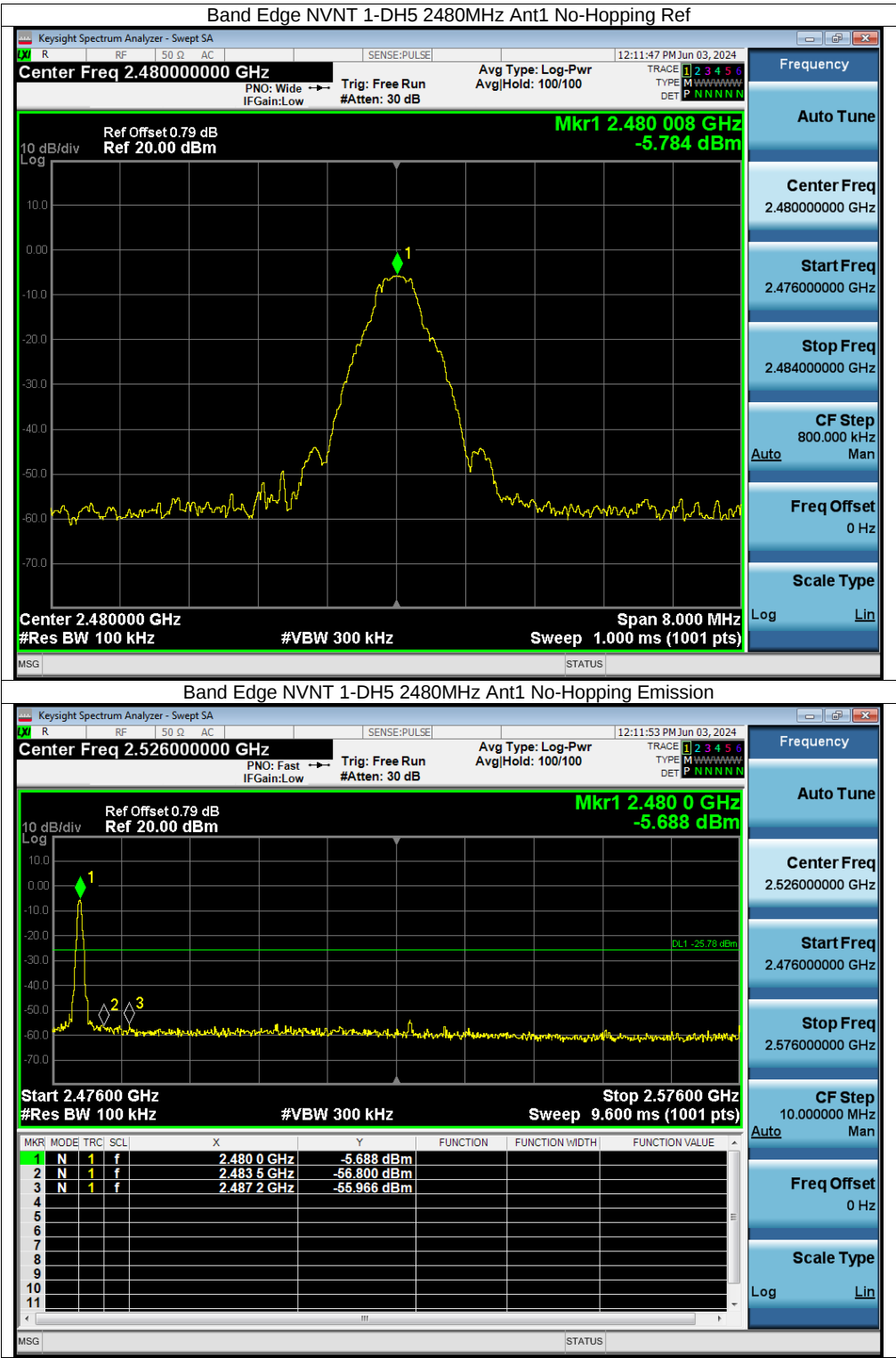


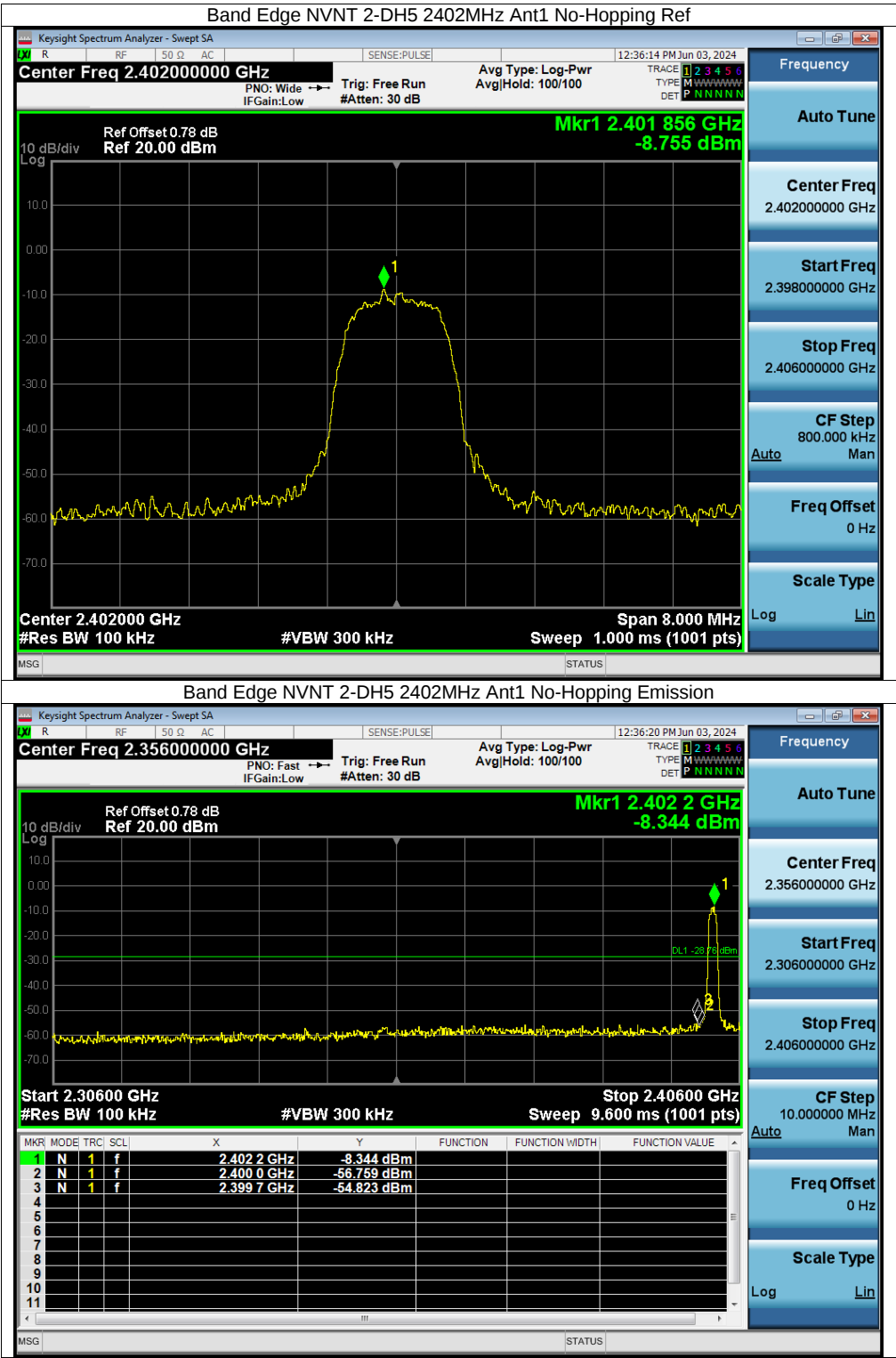


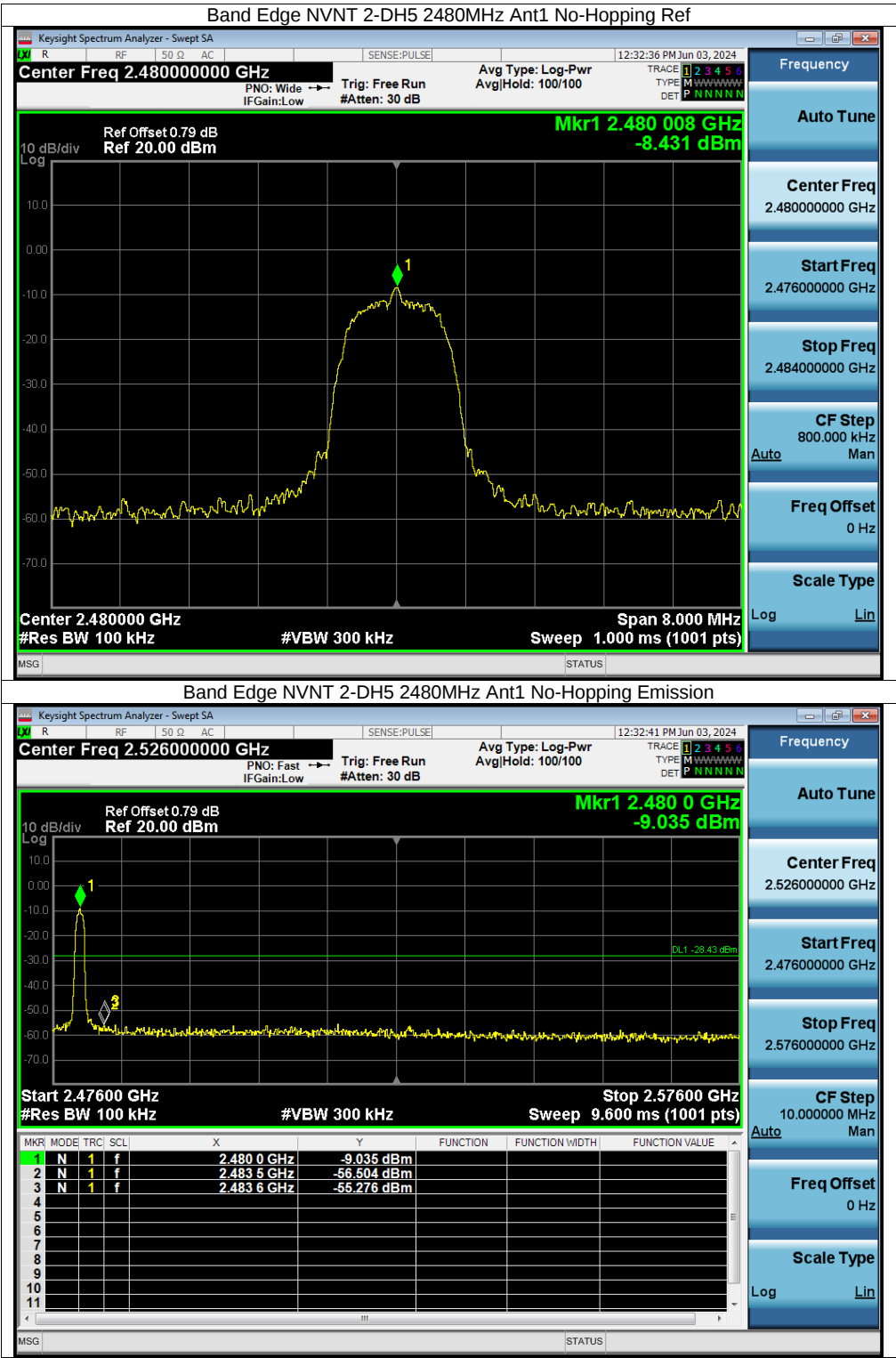
Band Edge

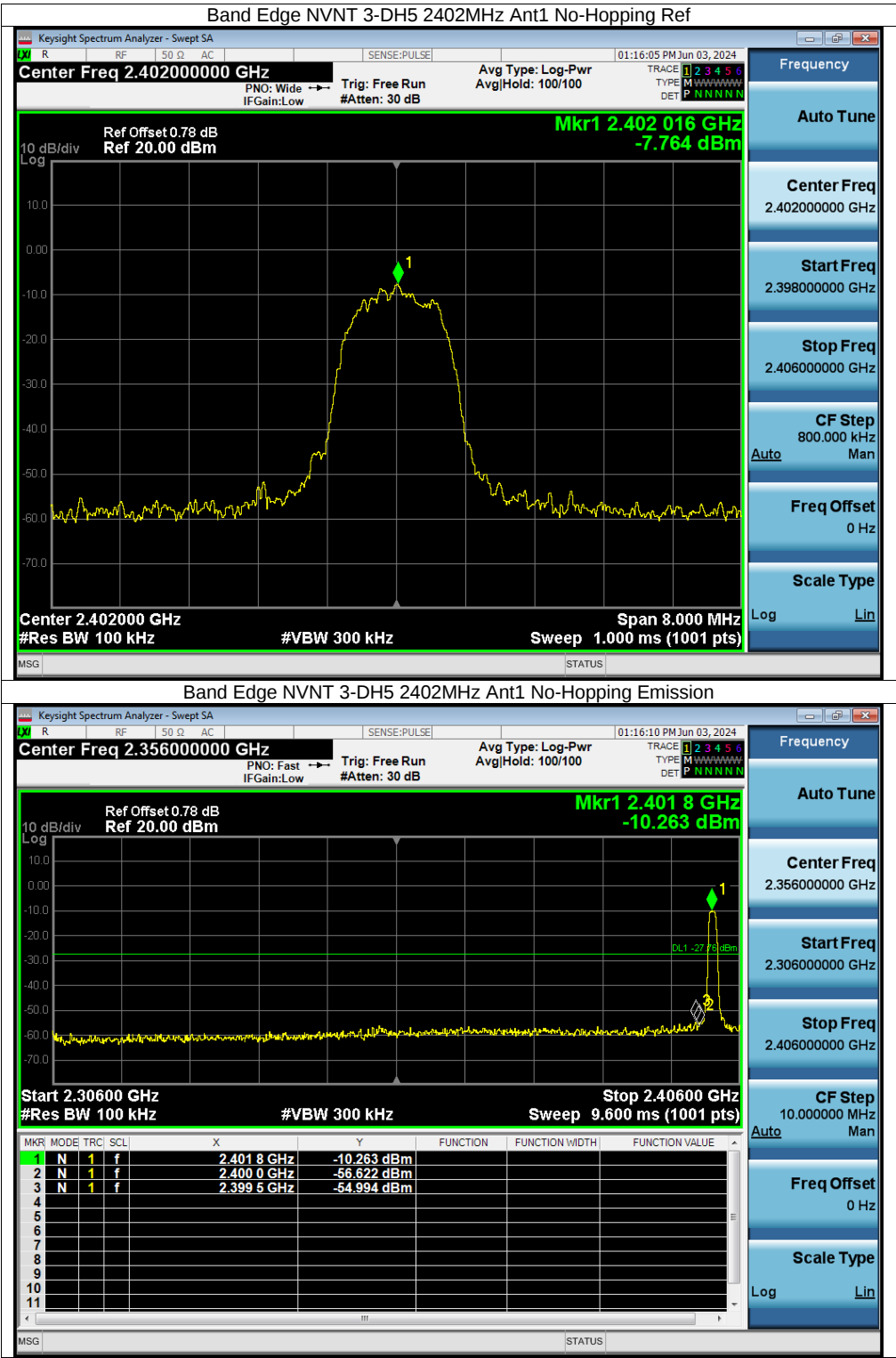
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-49.21	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-50.19	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-46.07	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-46.85	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-47.23	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-46.68	-20	Pass

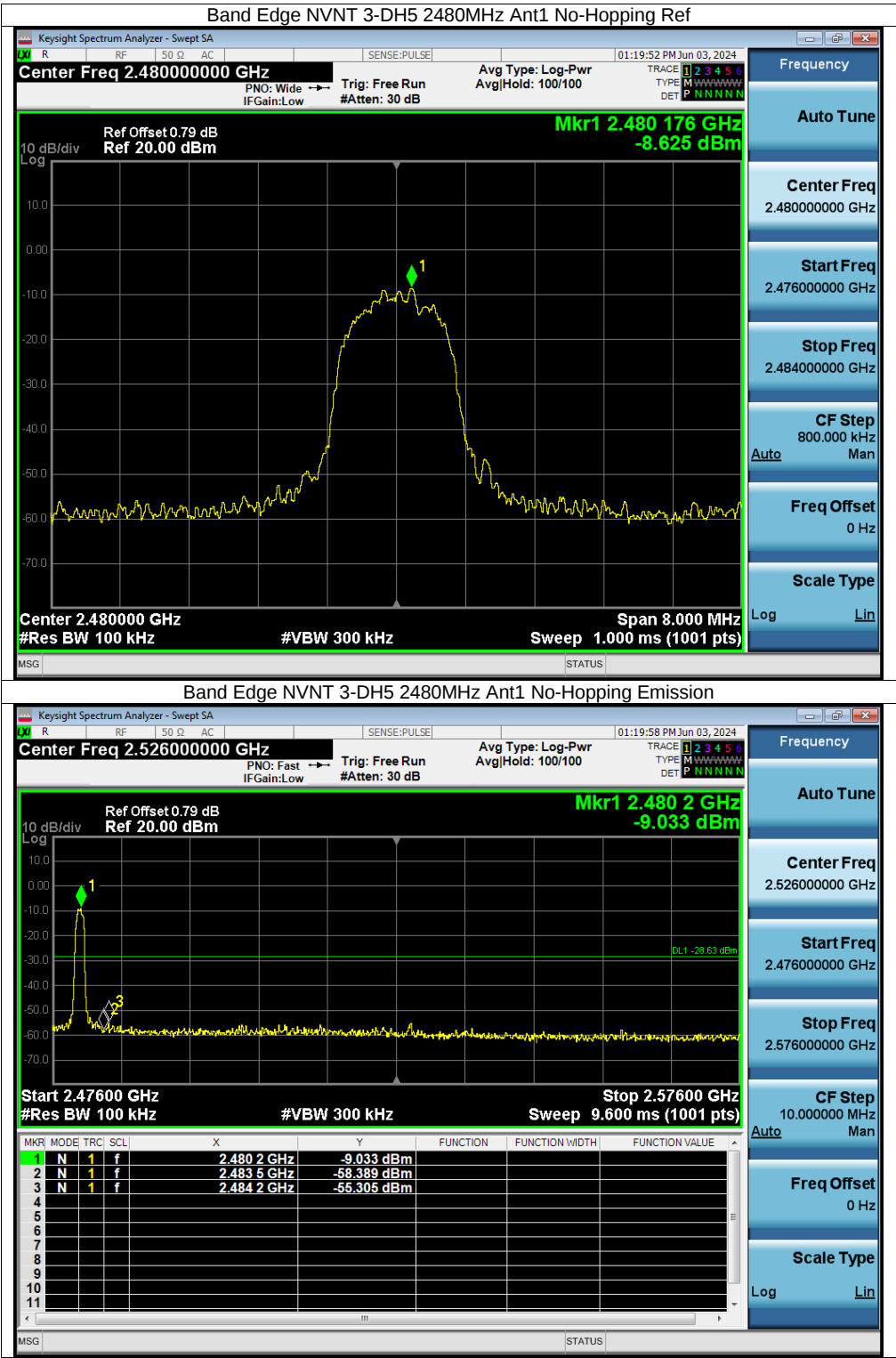






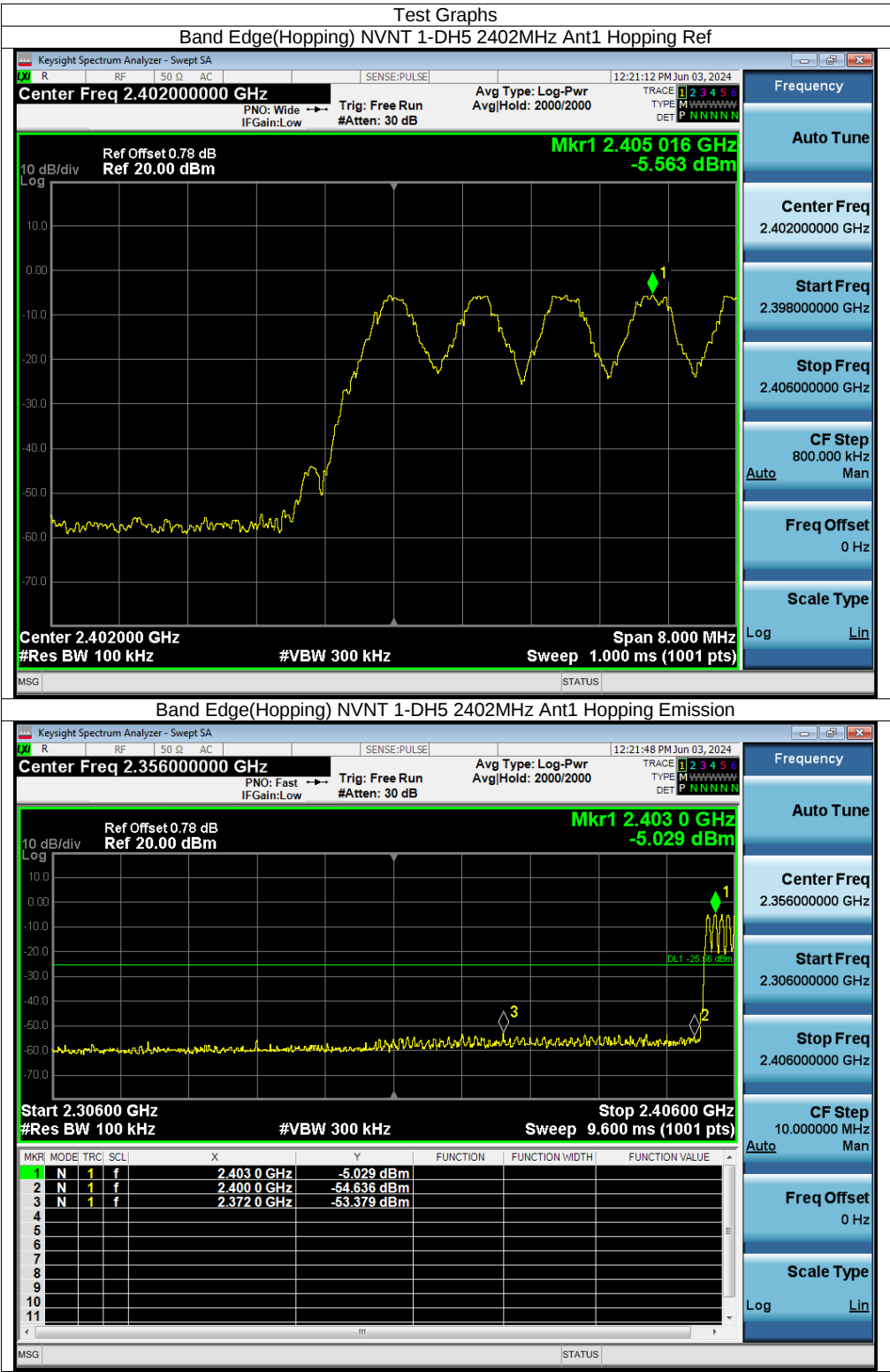




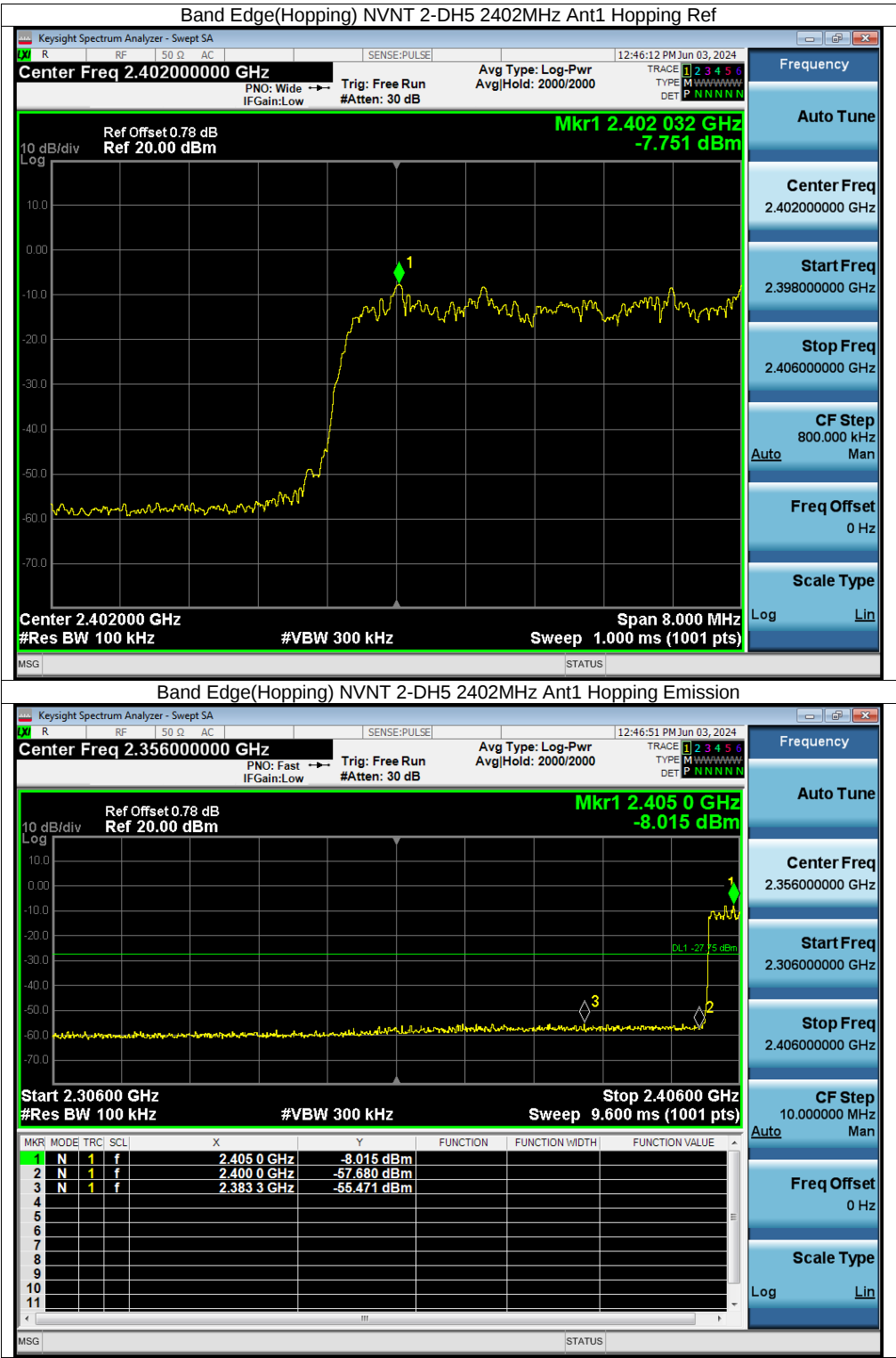


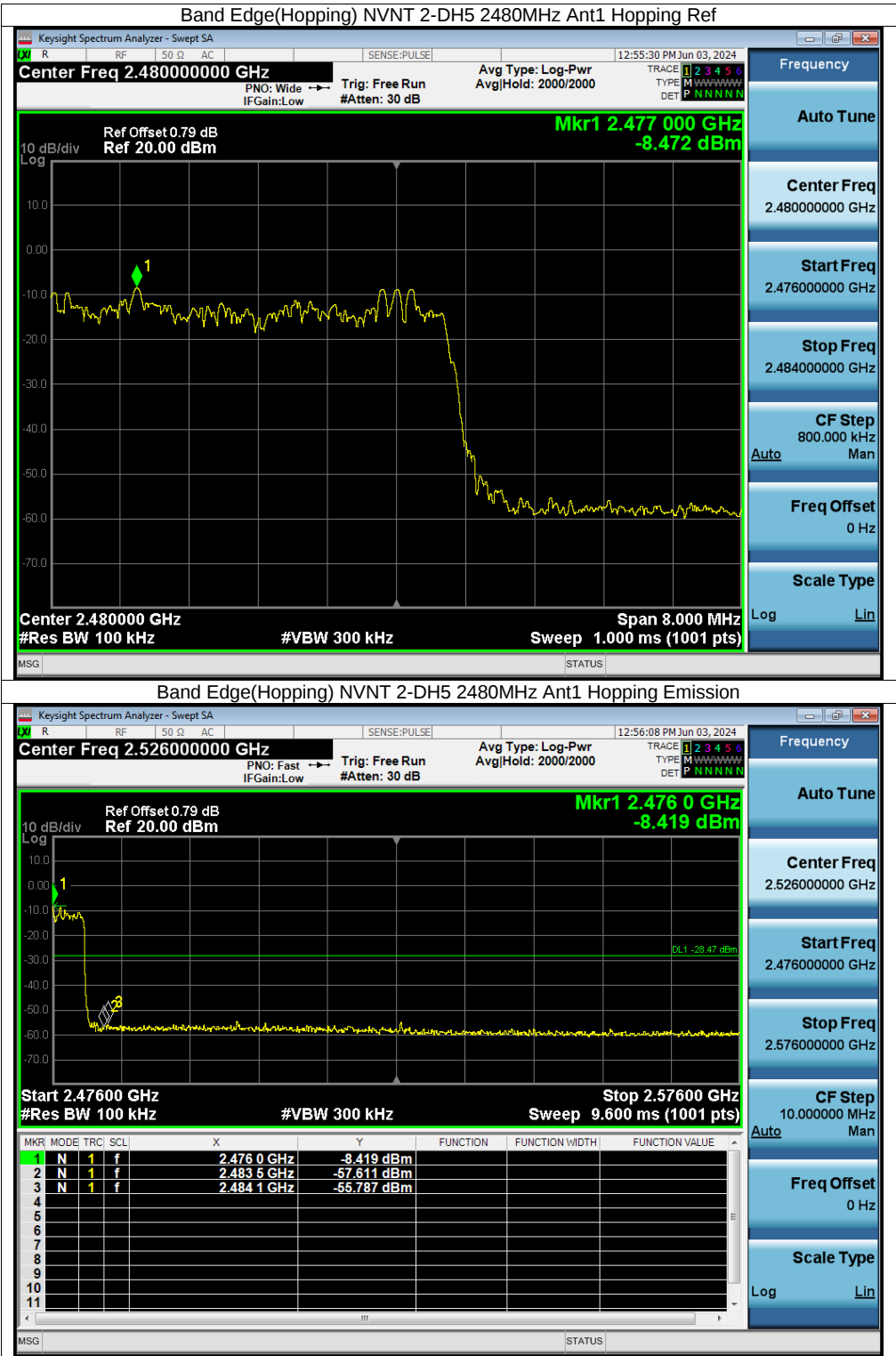
Band Edge(Hopping)

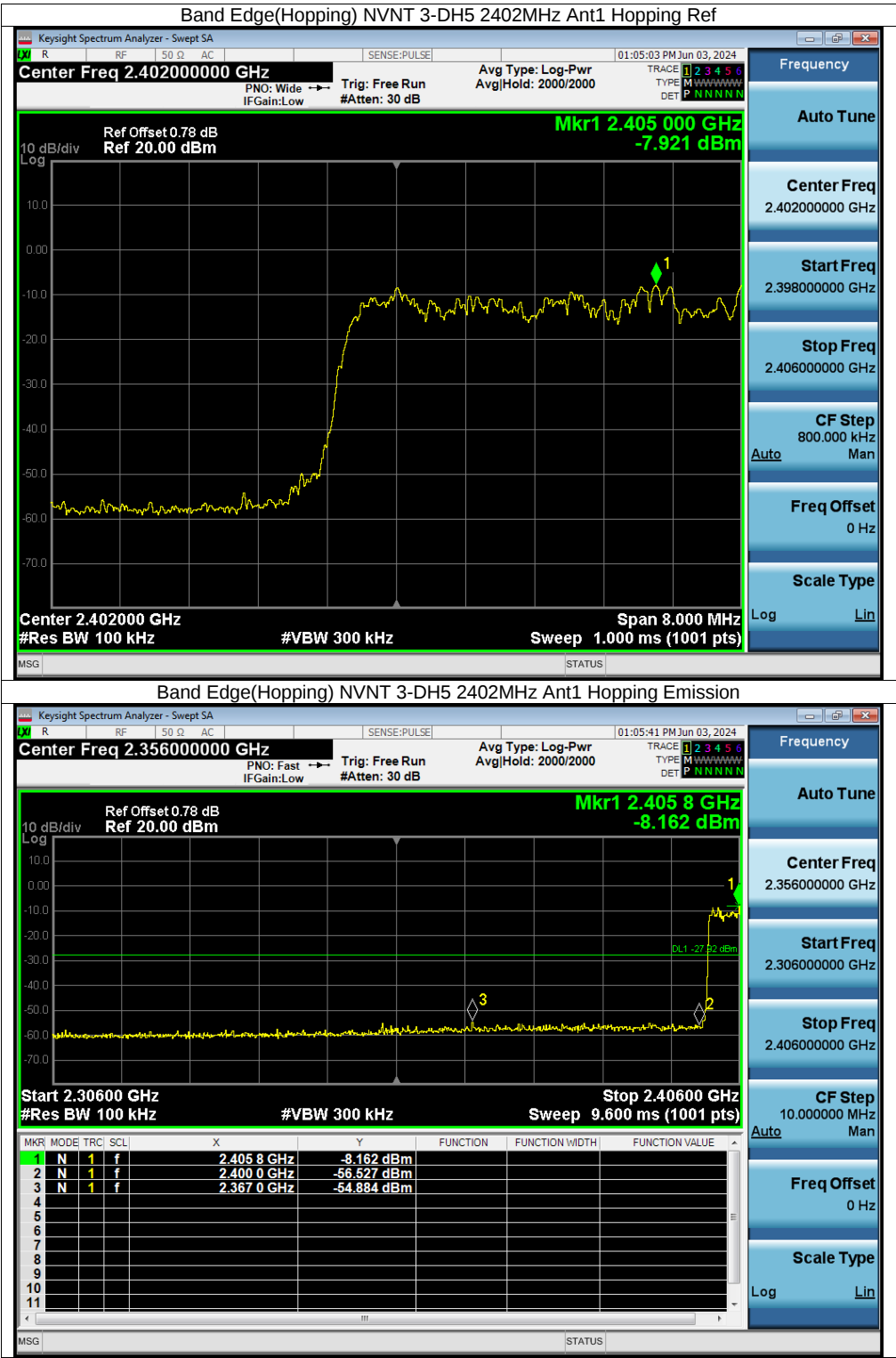
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-47.82	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-47.69	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-47.72	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-47.32	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-46.96	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-46.13	-20	Pass







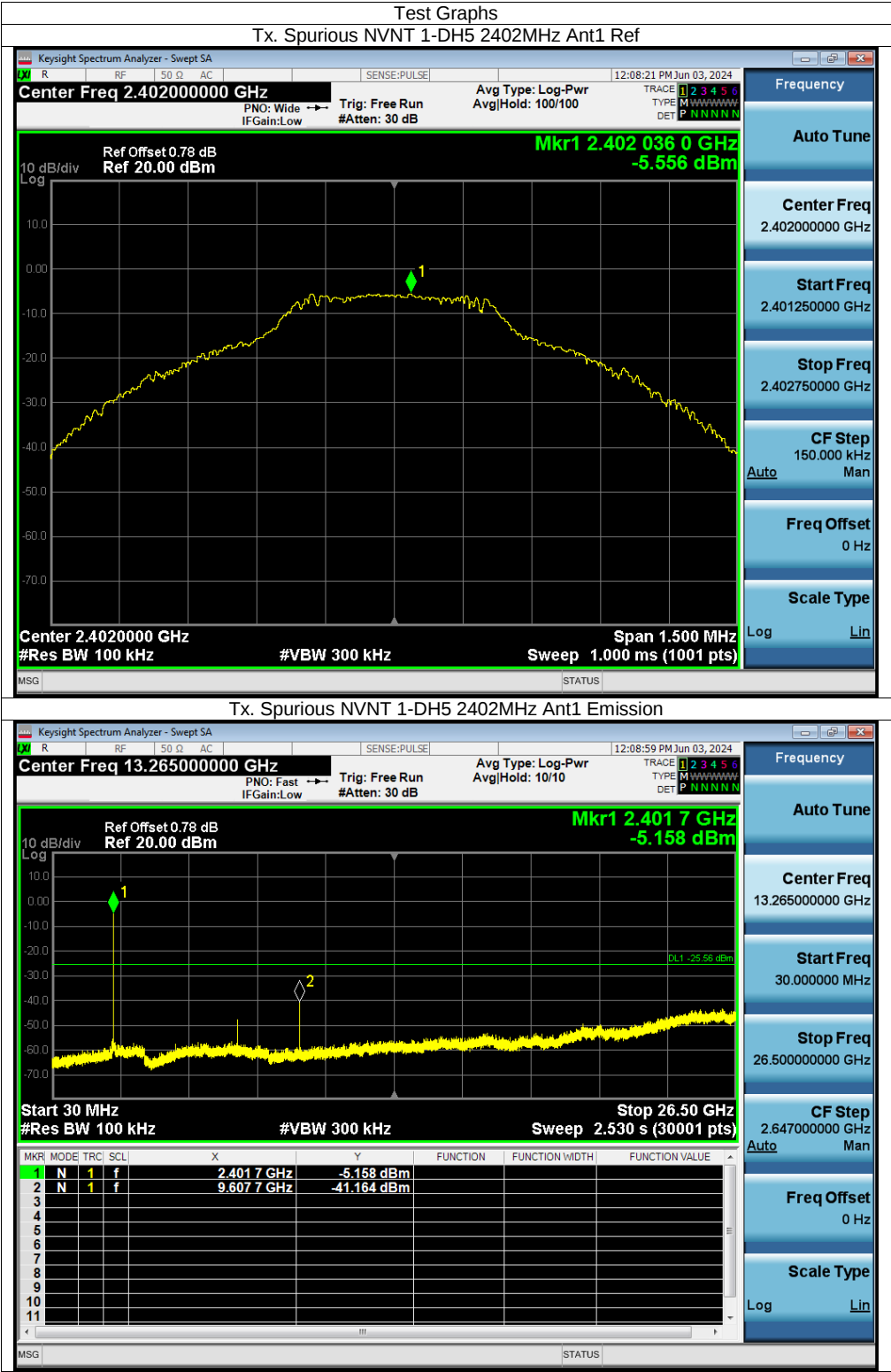


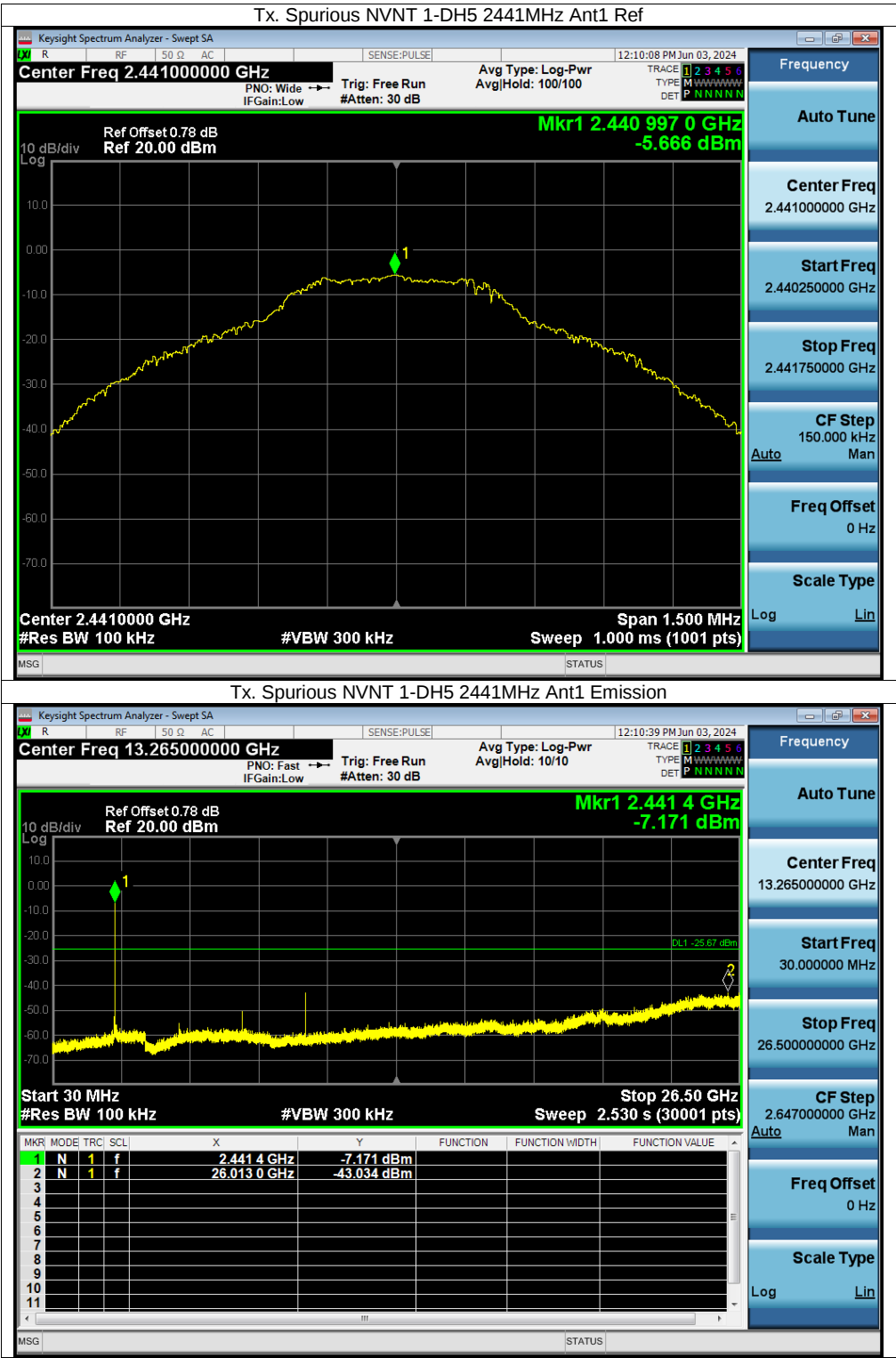


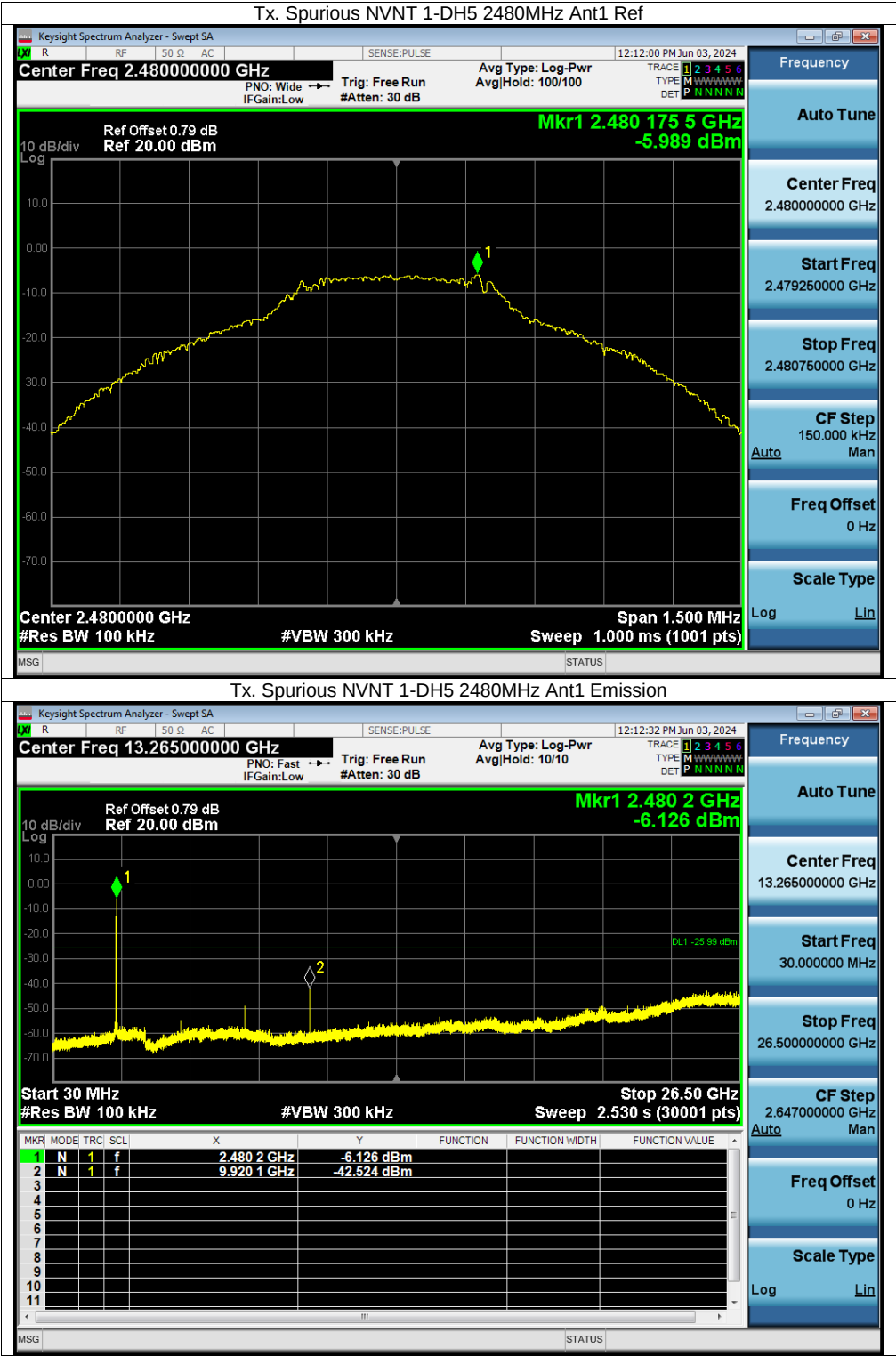


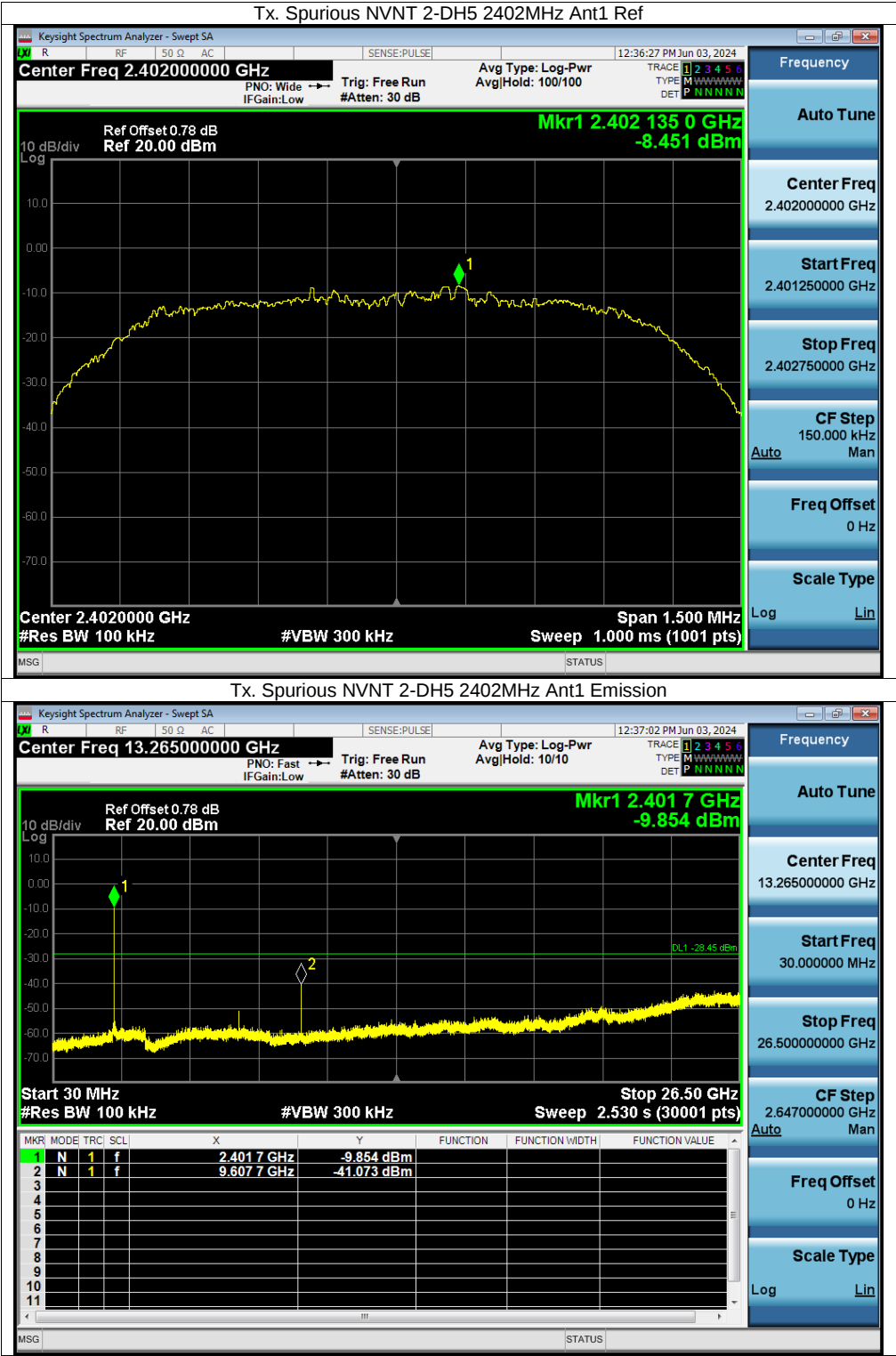
Conducted RF Spurious Emission

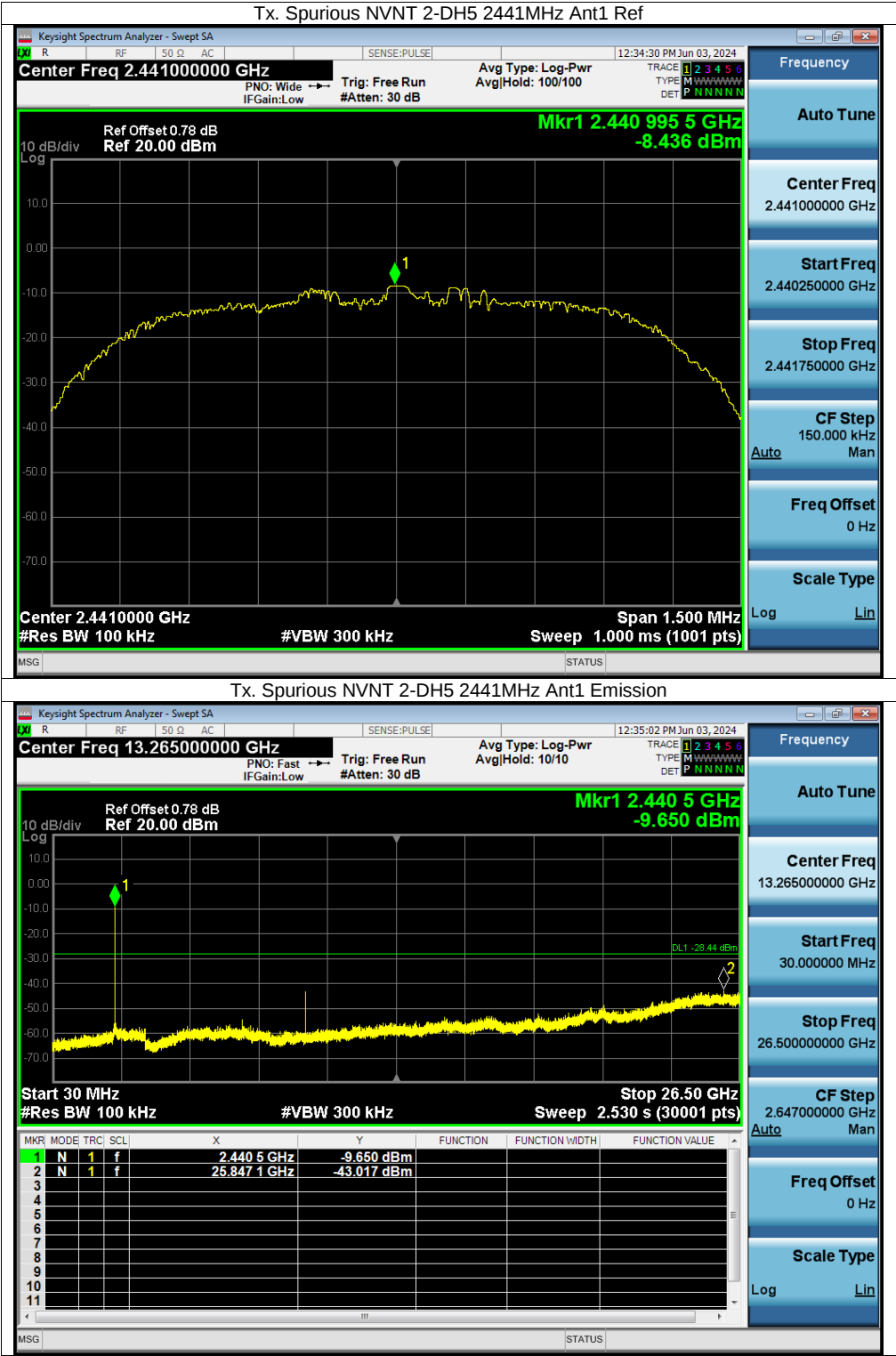
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-35.6	-20	Pass
NVNT	1-DH5	2441	Ant1	-37.36	-20	Pass
NVNT	1-DH5	2480	Ant1	-36.53	-20	Pass
NVNT	2-DH5	2402	Ant1	-32.62	-20	Pass
NVNT	2-DH5	2441	Ant1	-34.58	-20	Pass
NVNT	2-DH5	2480	Ant1	-33.68	-20	Pass
NVNT	3-DH5	2402	Ant1	-32.84	-20	Pass
NVNT	3-DH5	2441	Ant1	-34.34	-20	Pass
NVNT	3-DH5	2480	Ant1	-33.4	-20	Pass

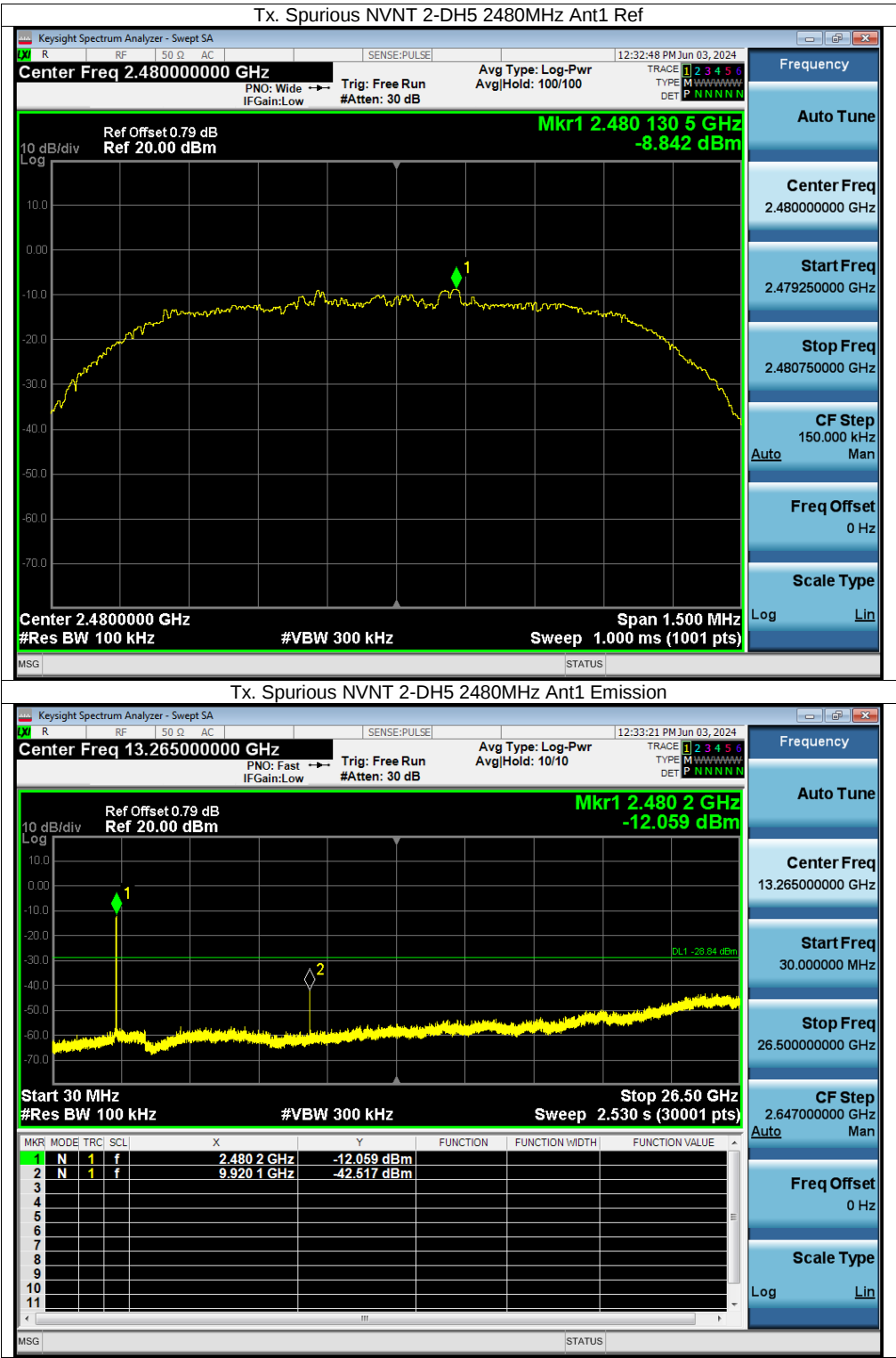


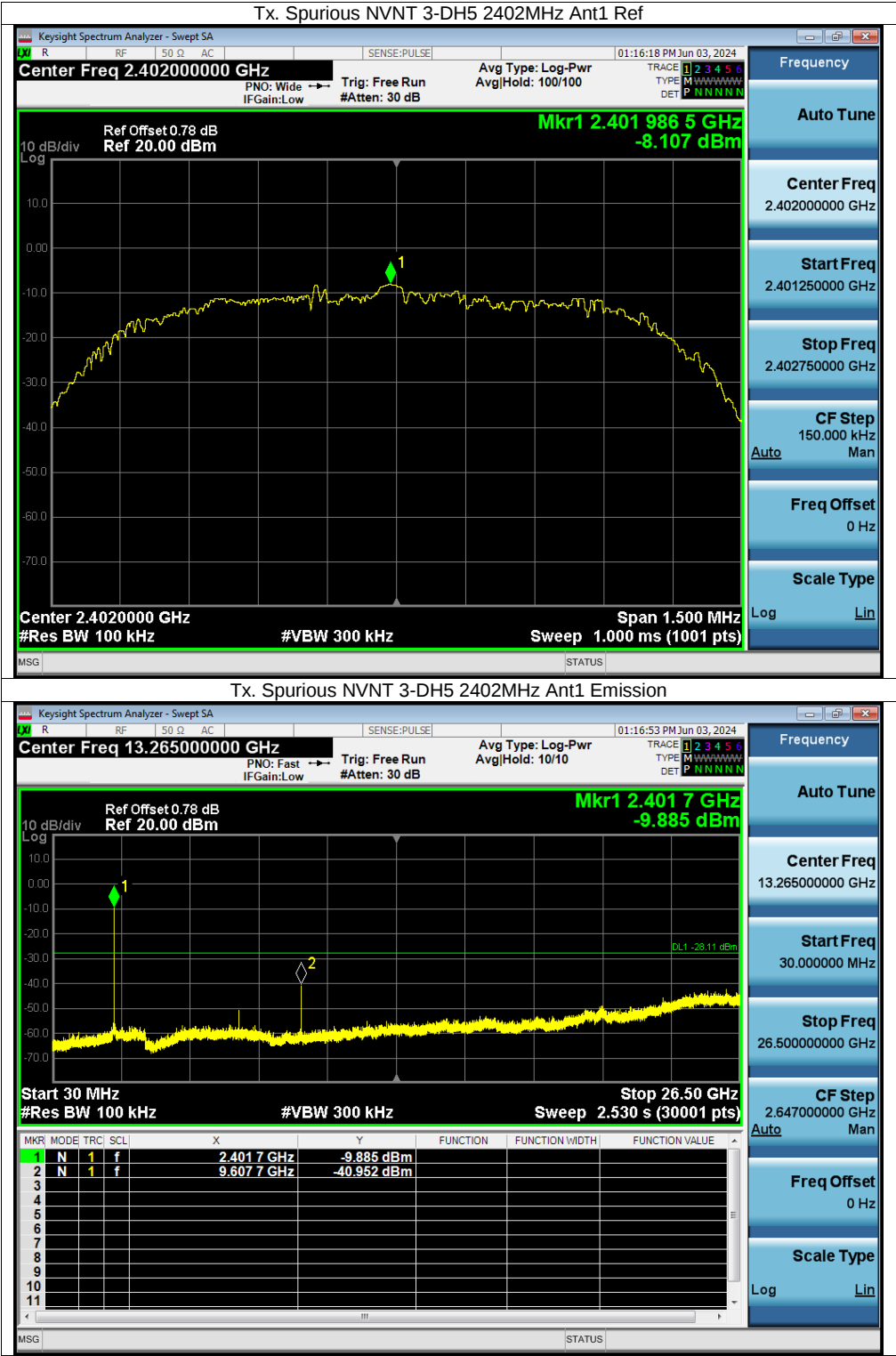


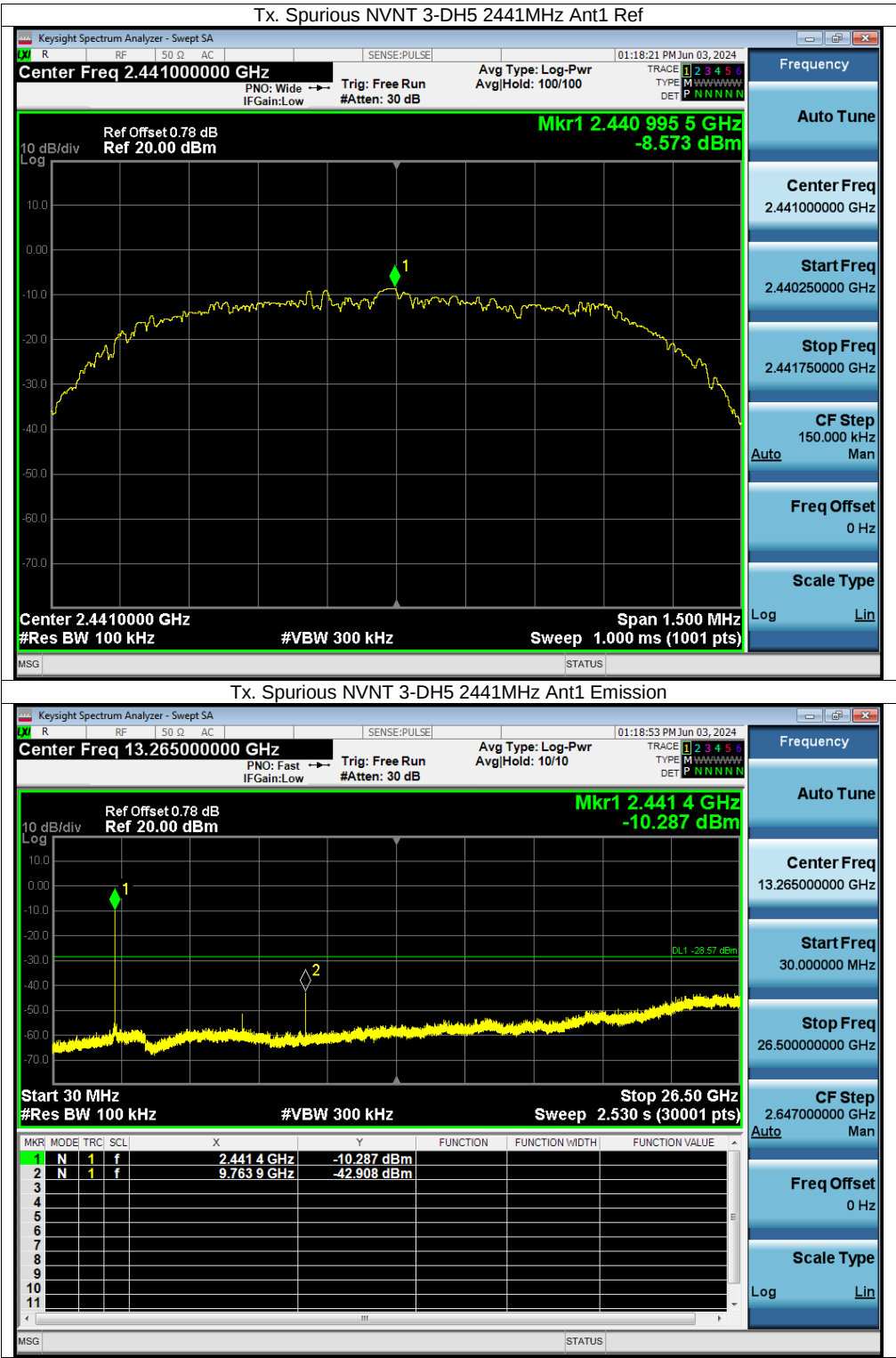


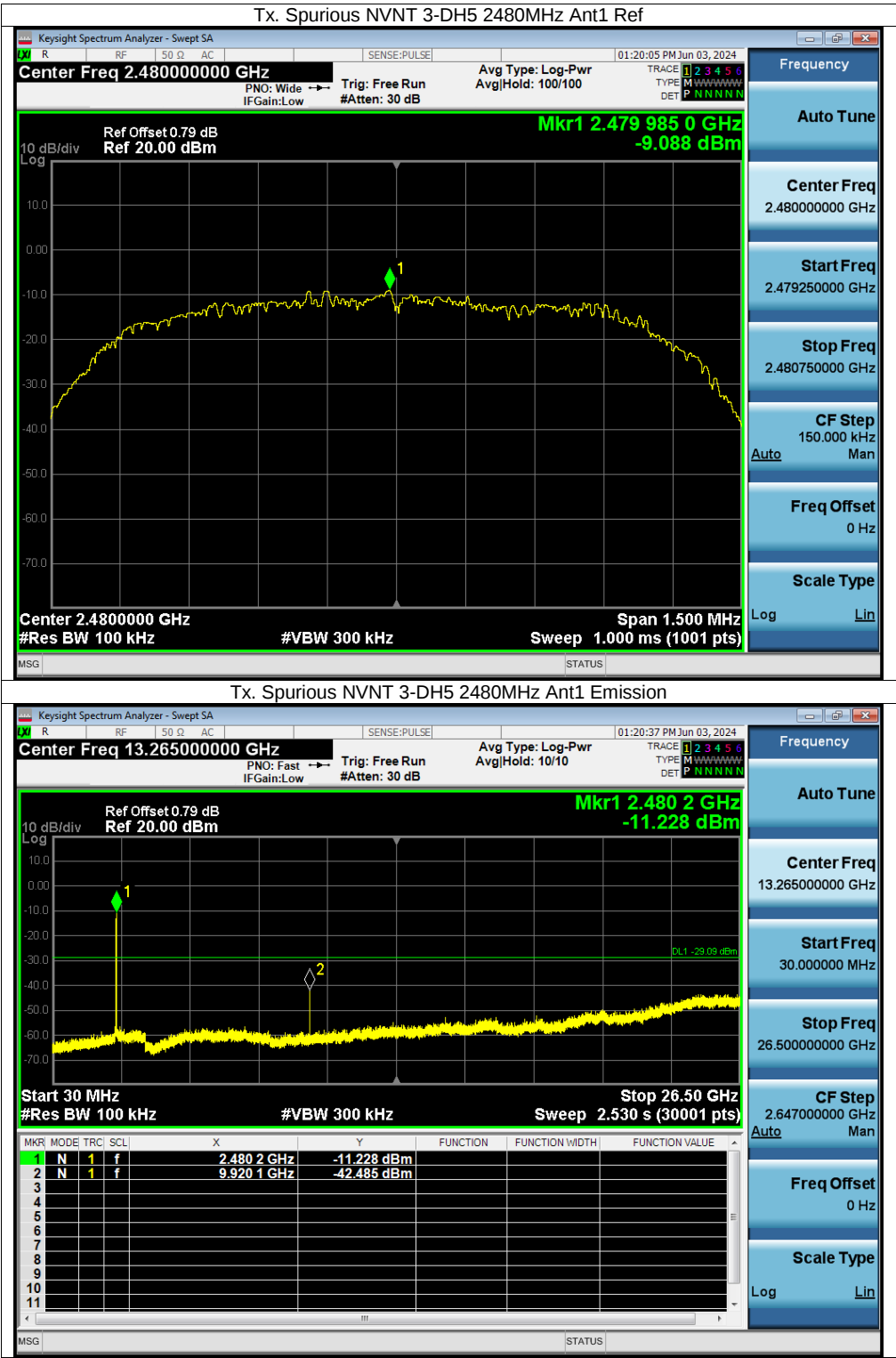










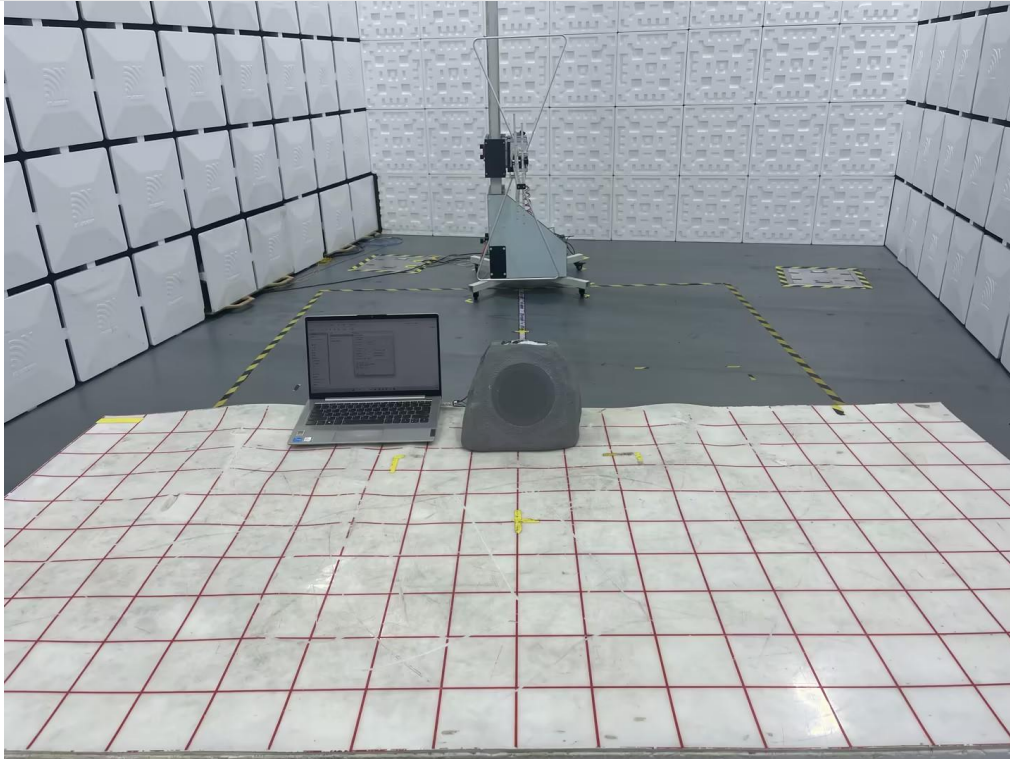


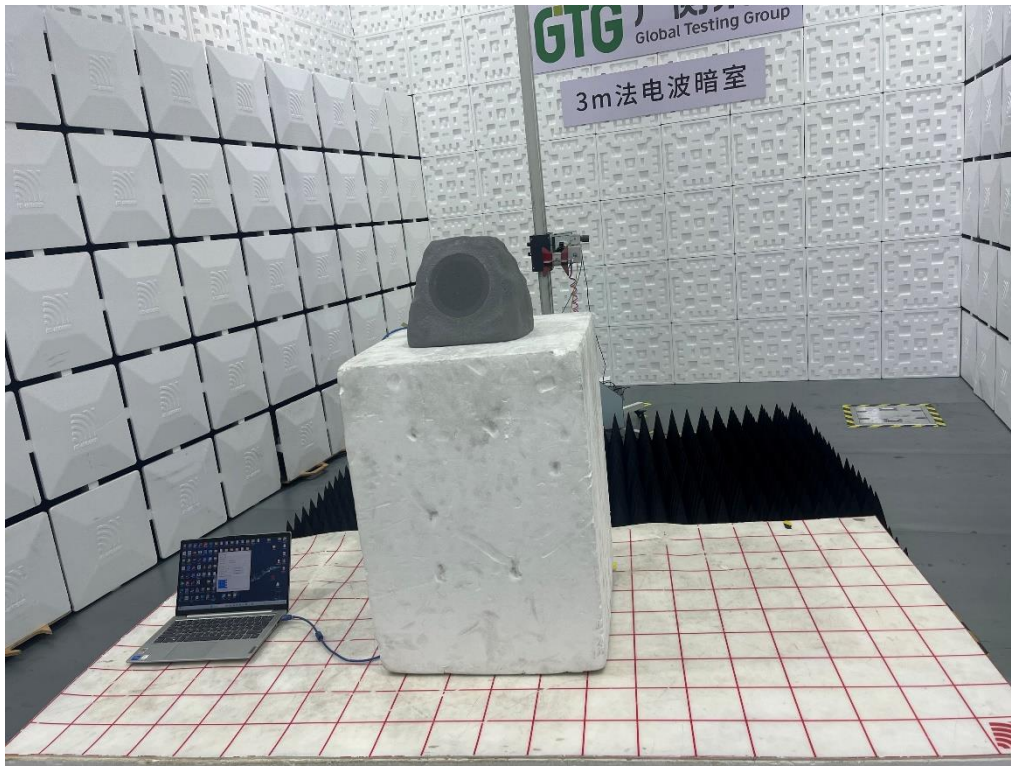
APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION

AC Power Line Conducted Emission



Radiated Band edge and Spurious Emission





END OF REPORT