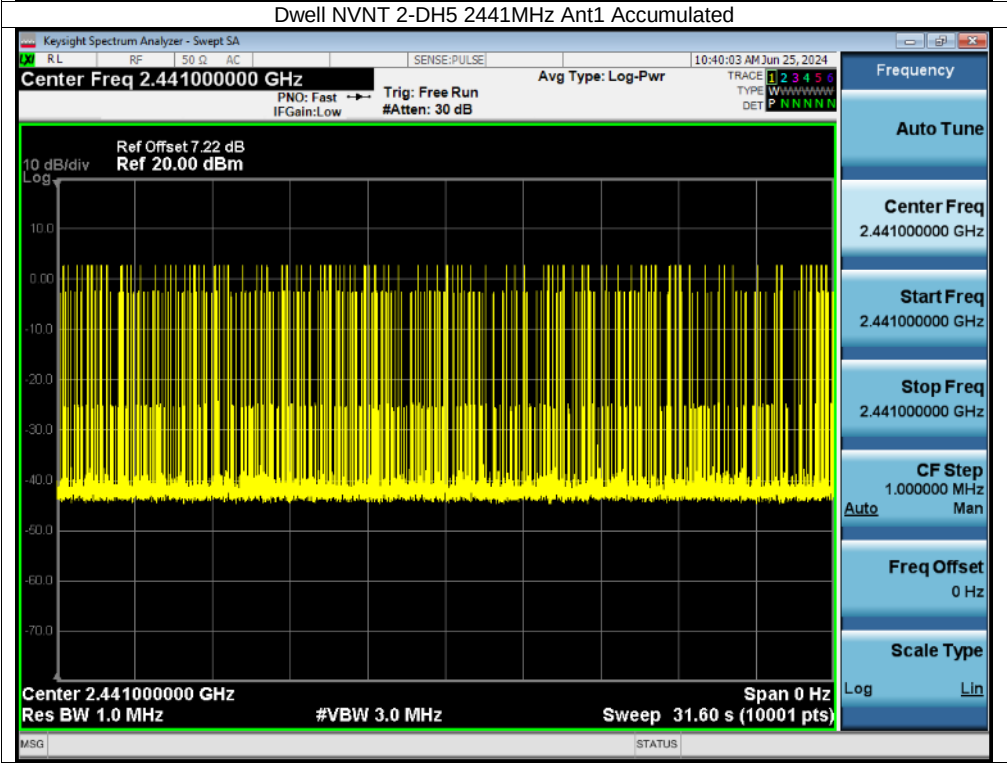
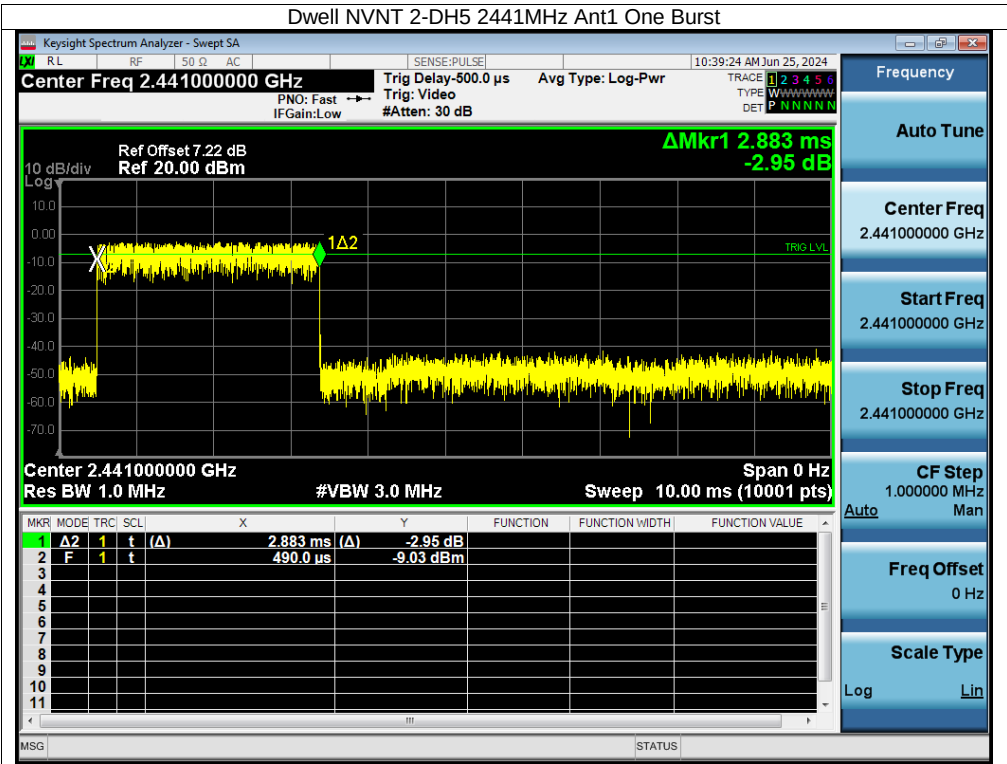
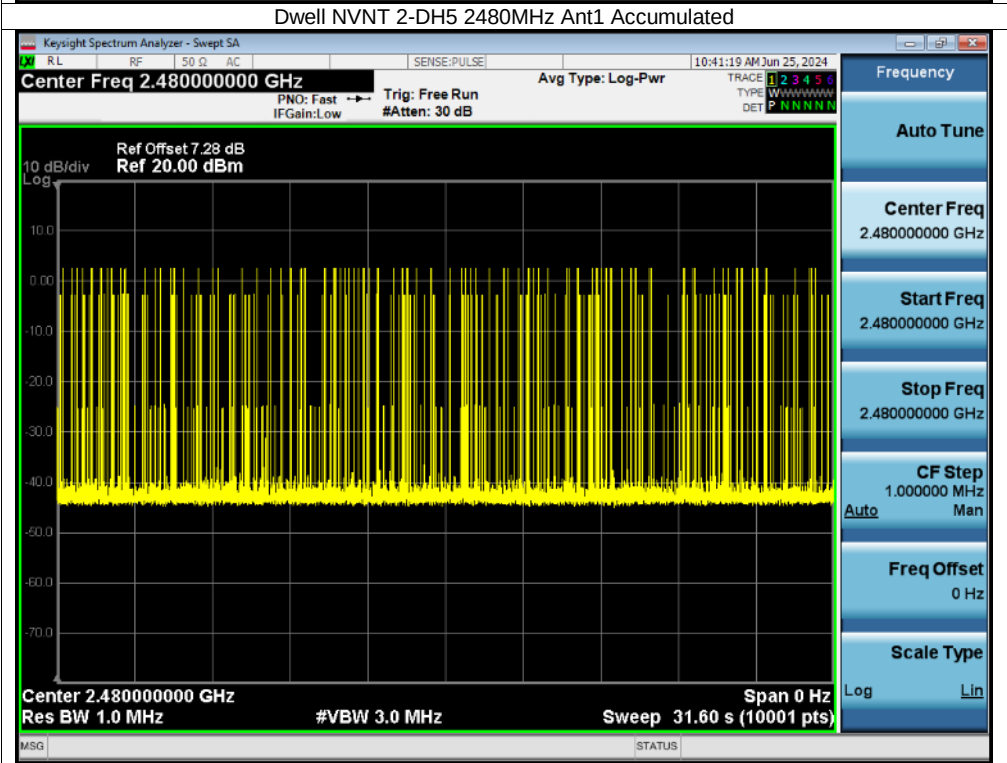
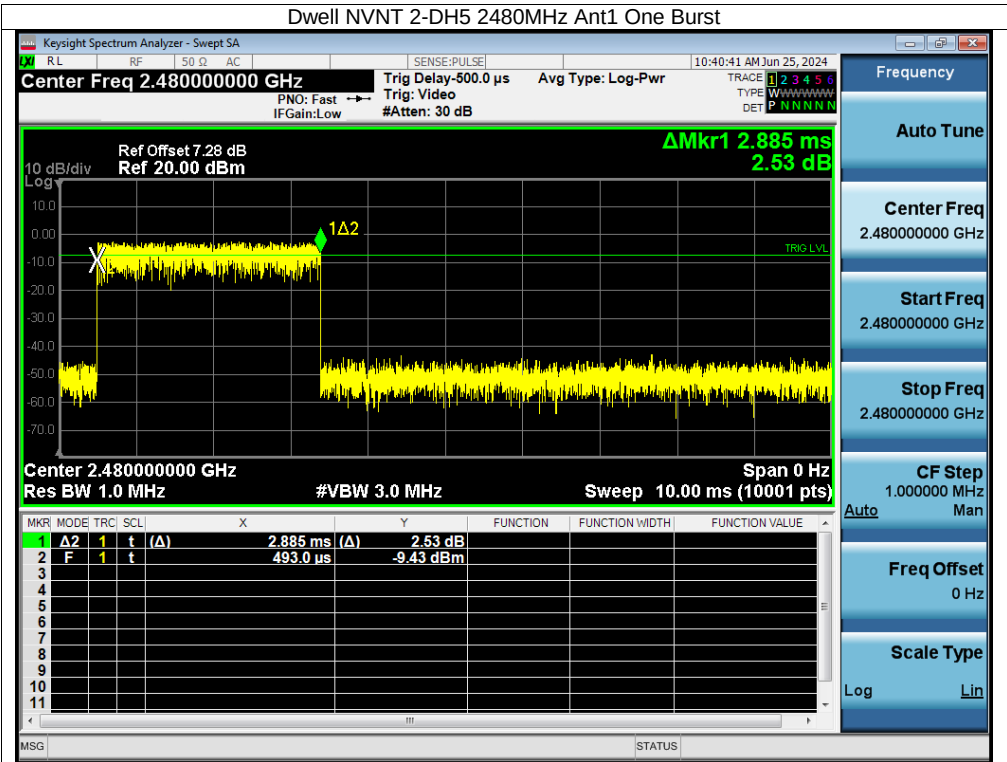
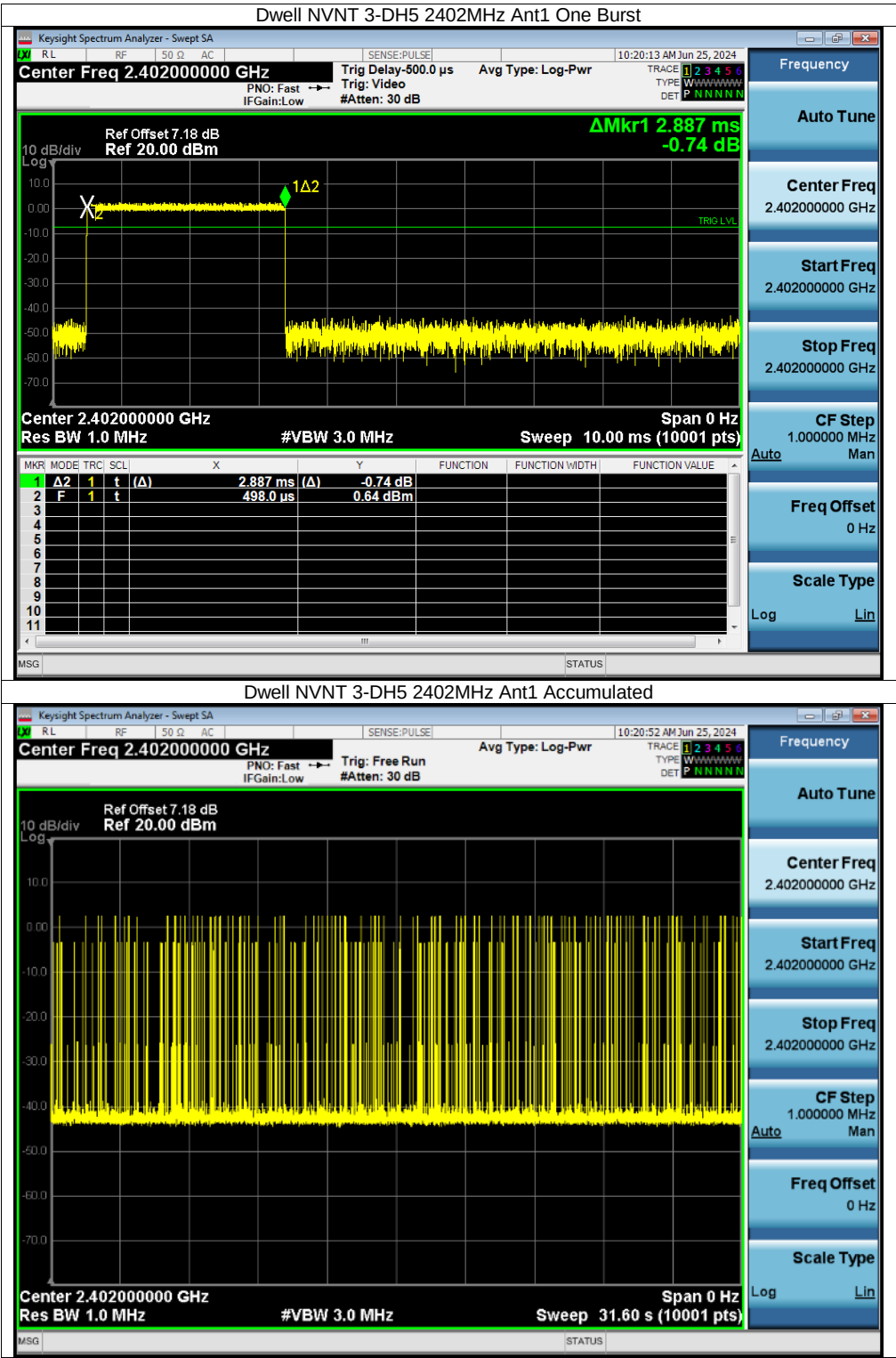
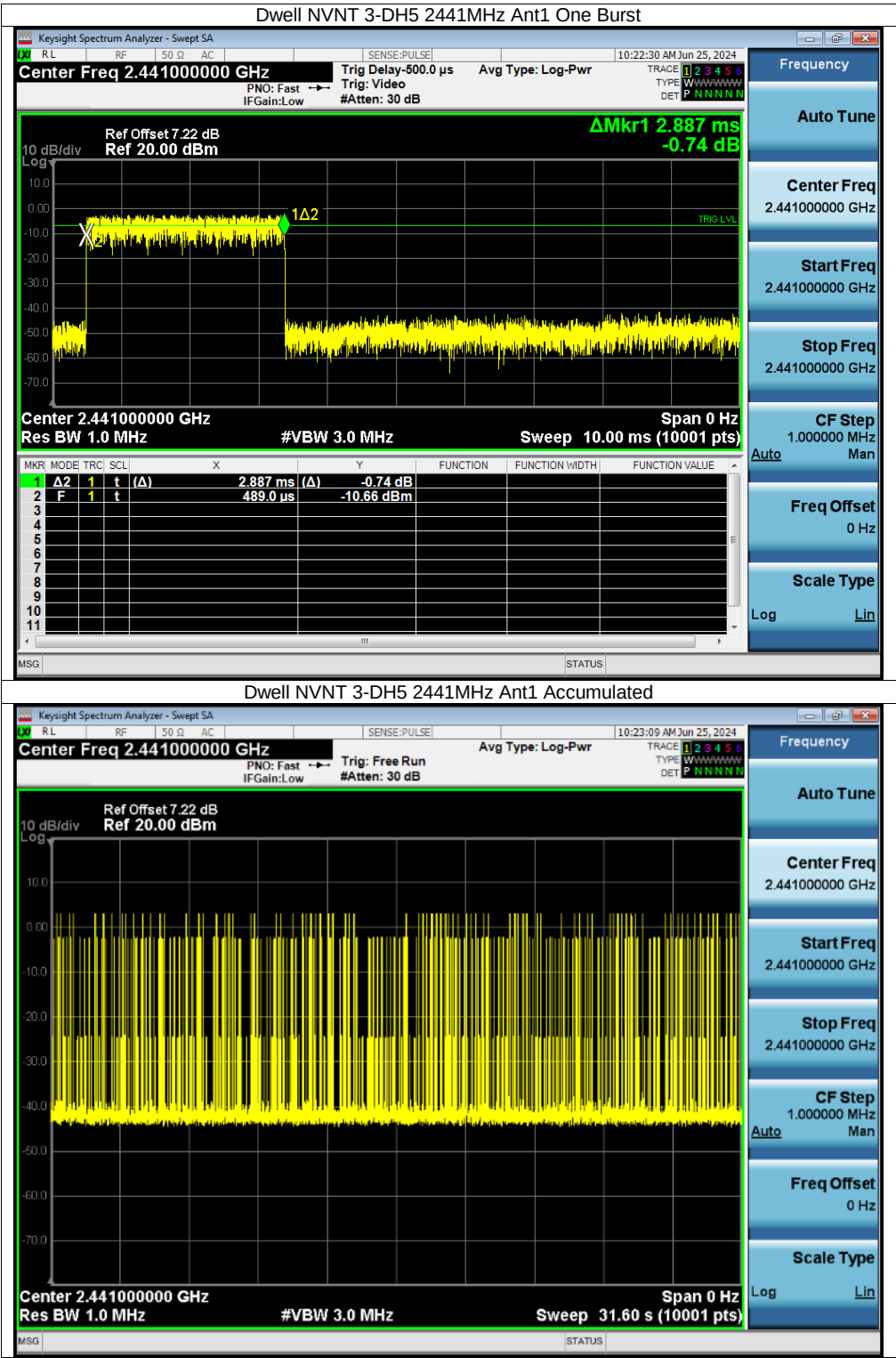
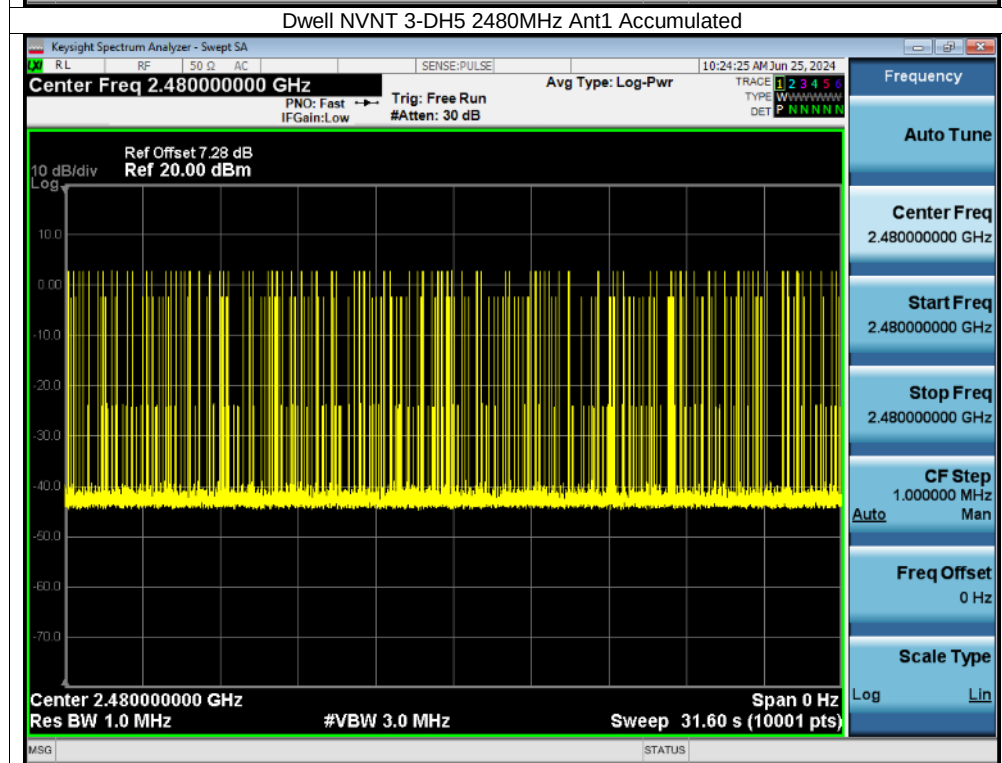






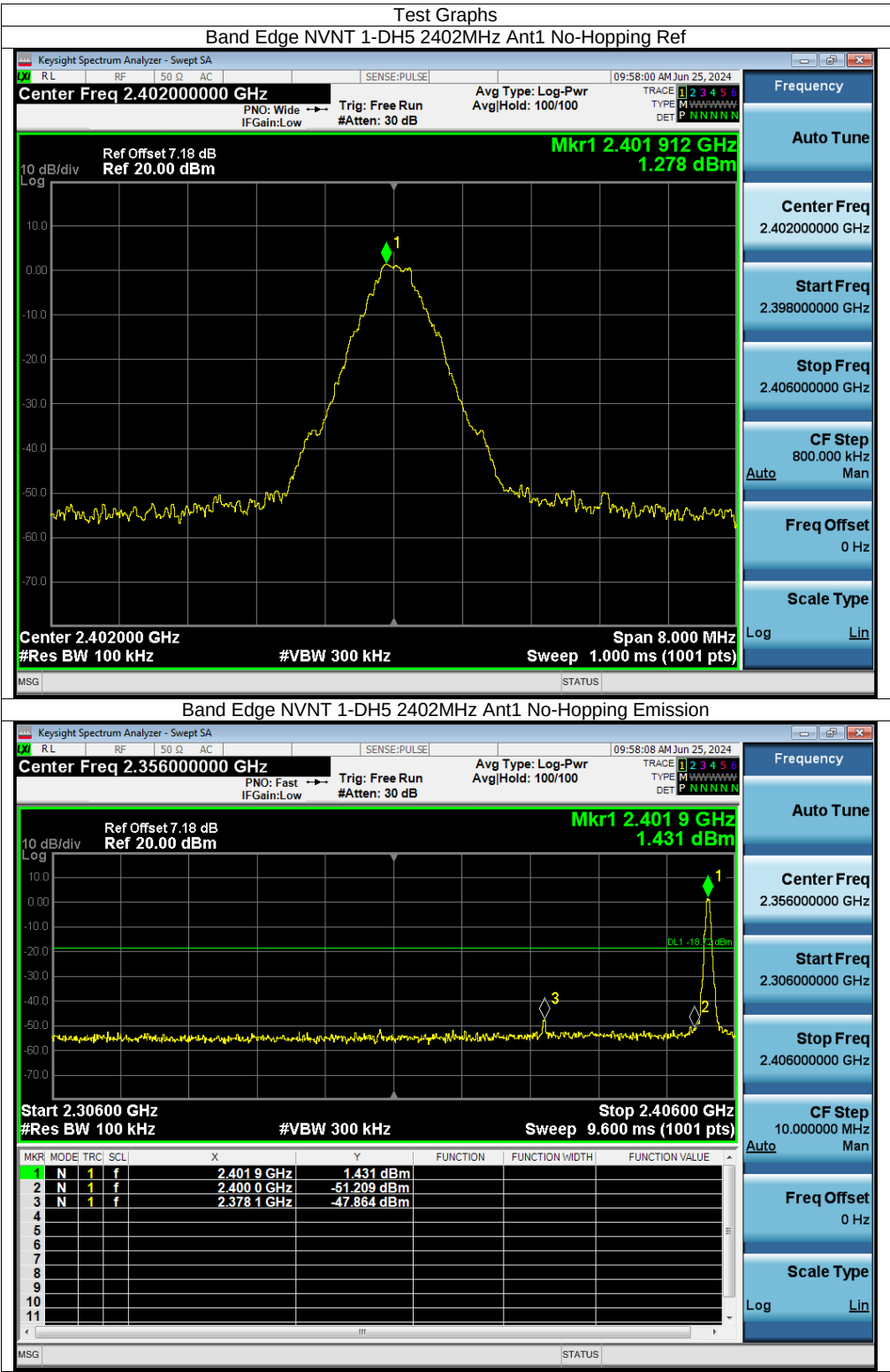


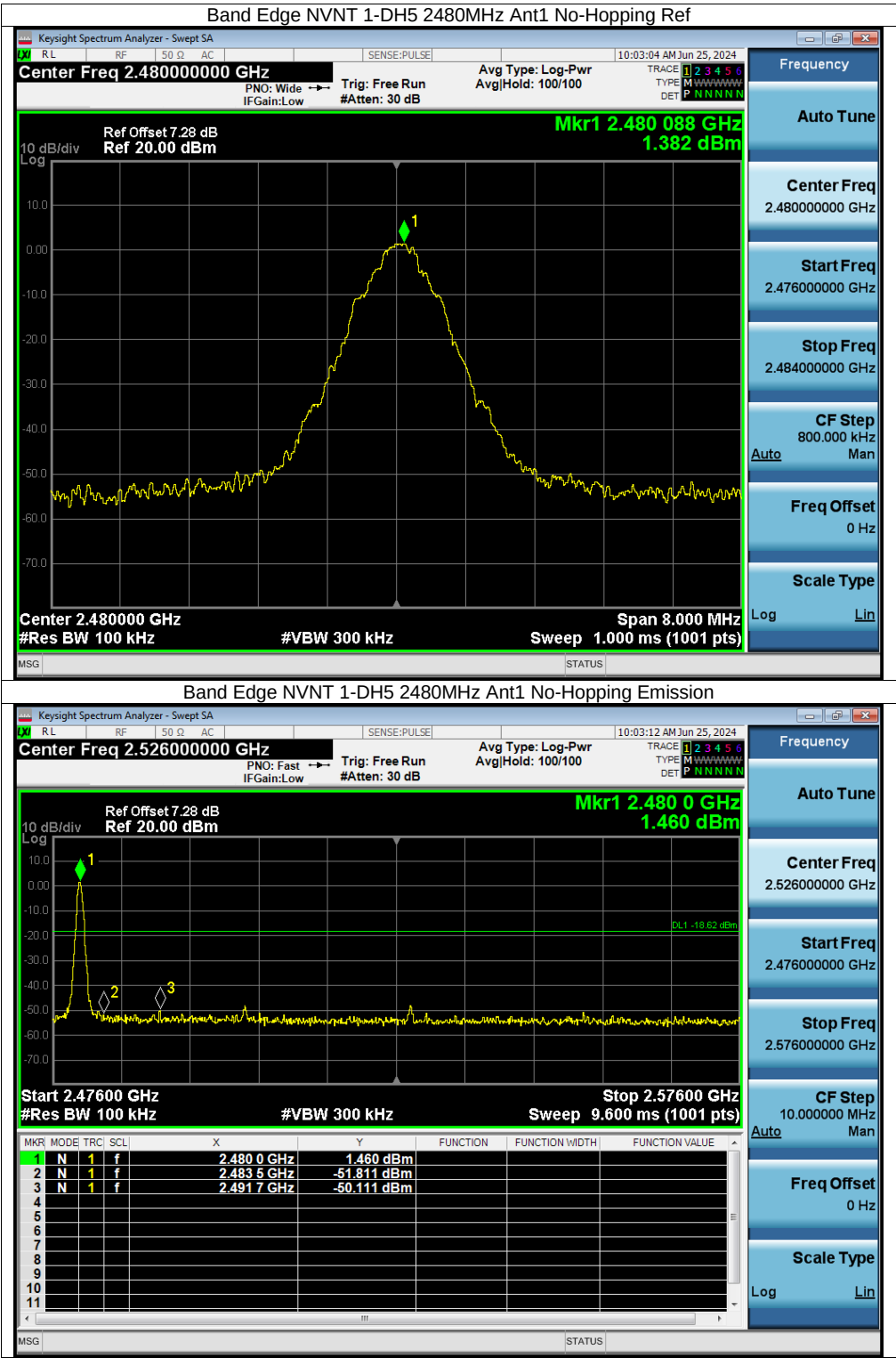


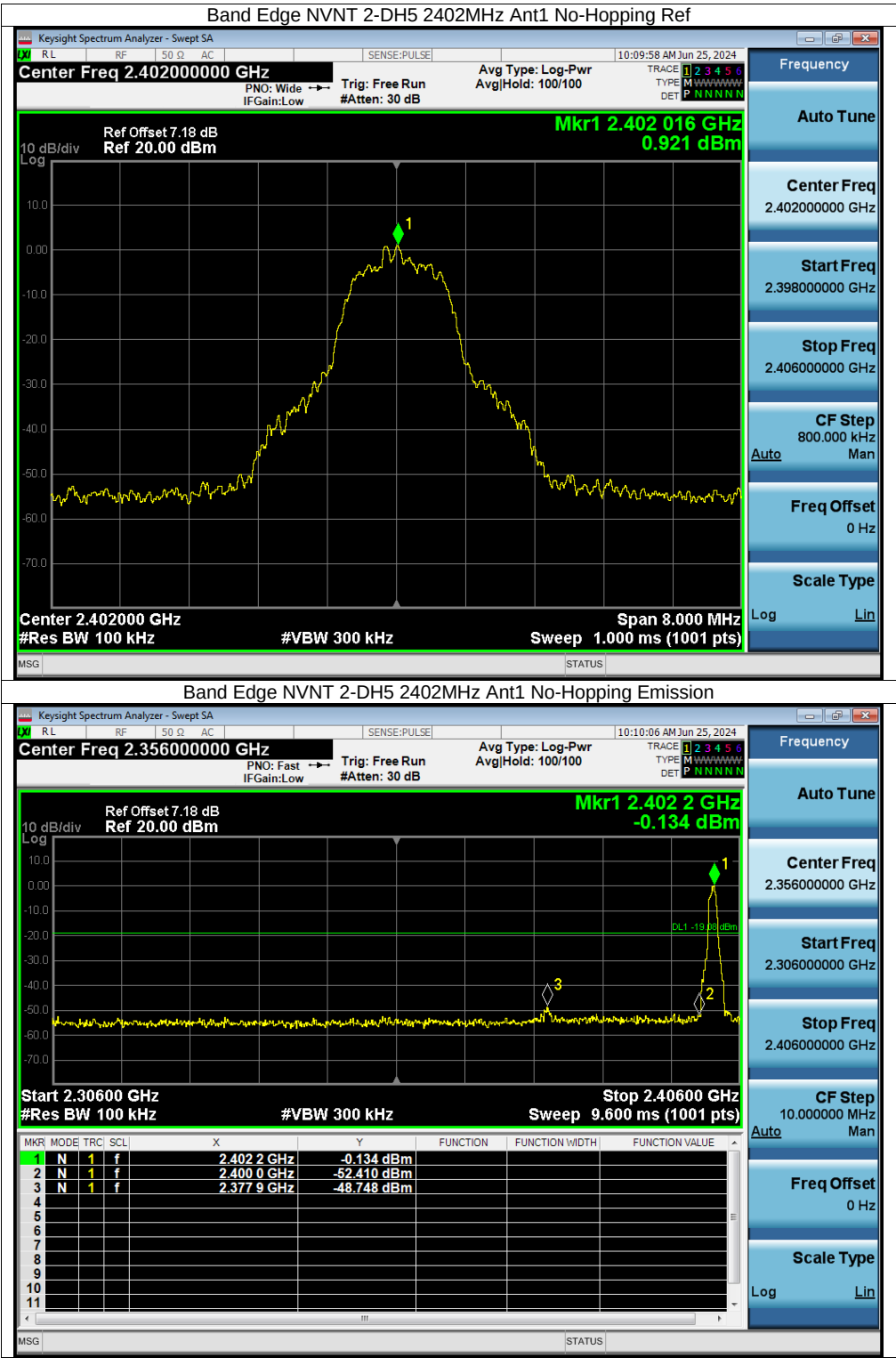


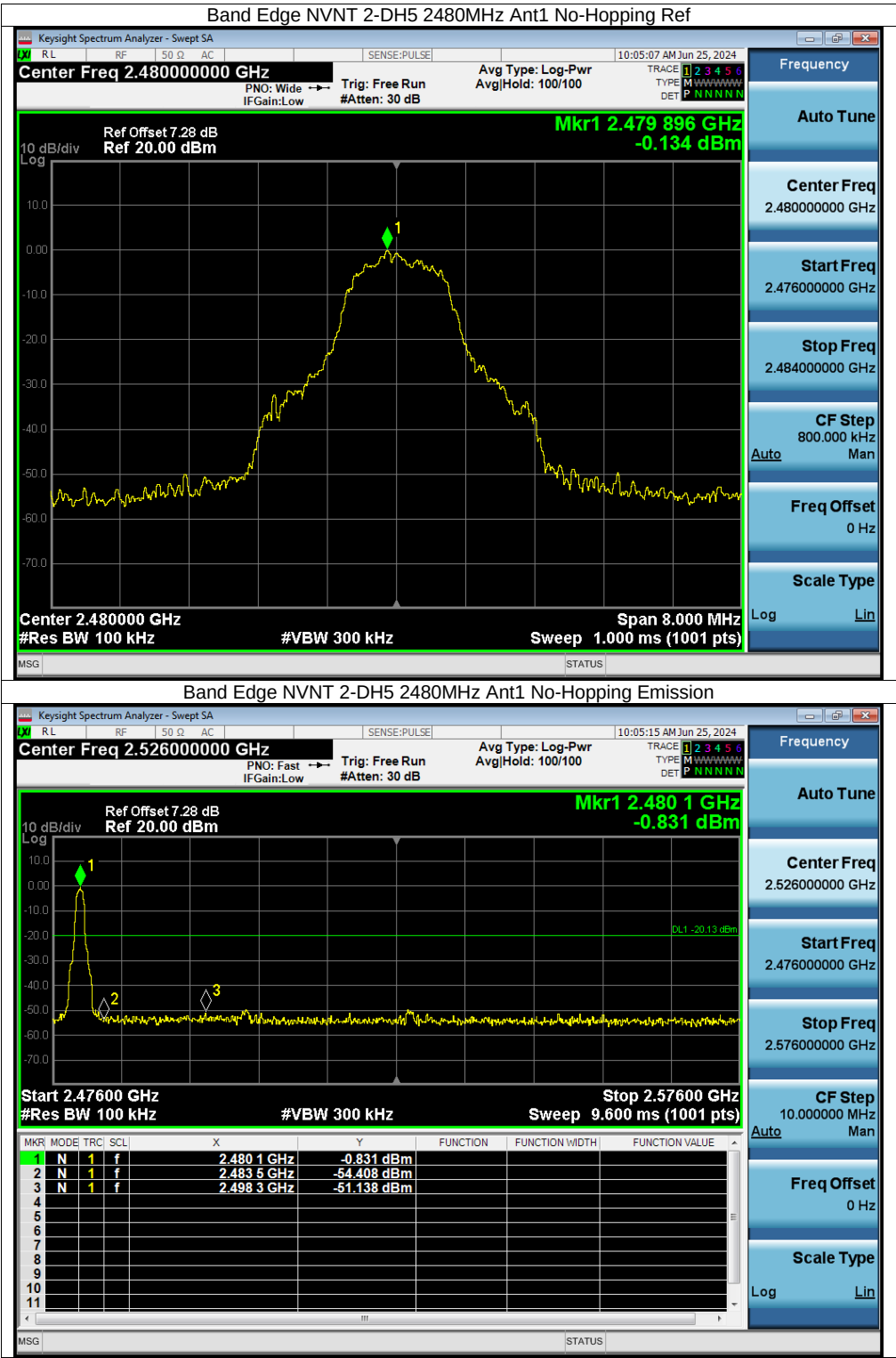
Band Edge

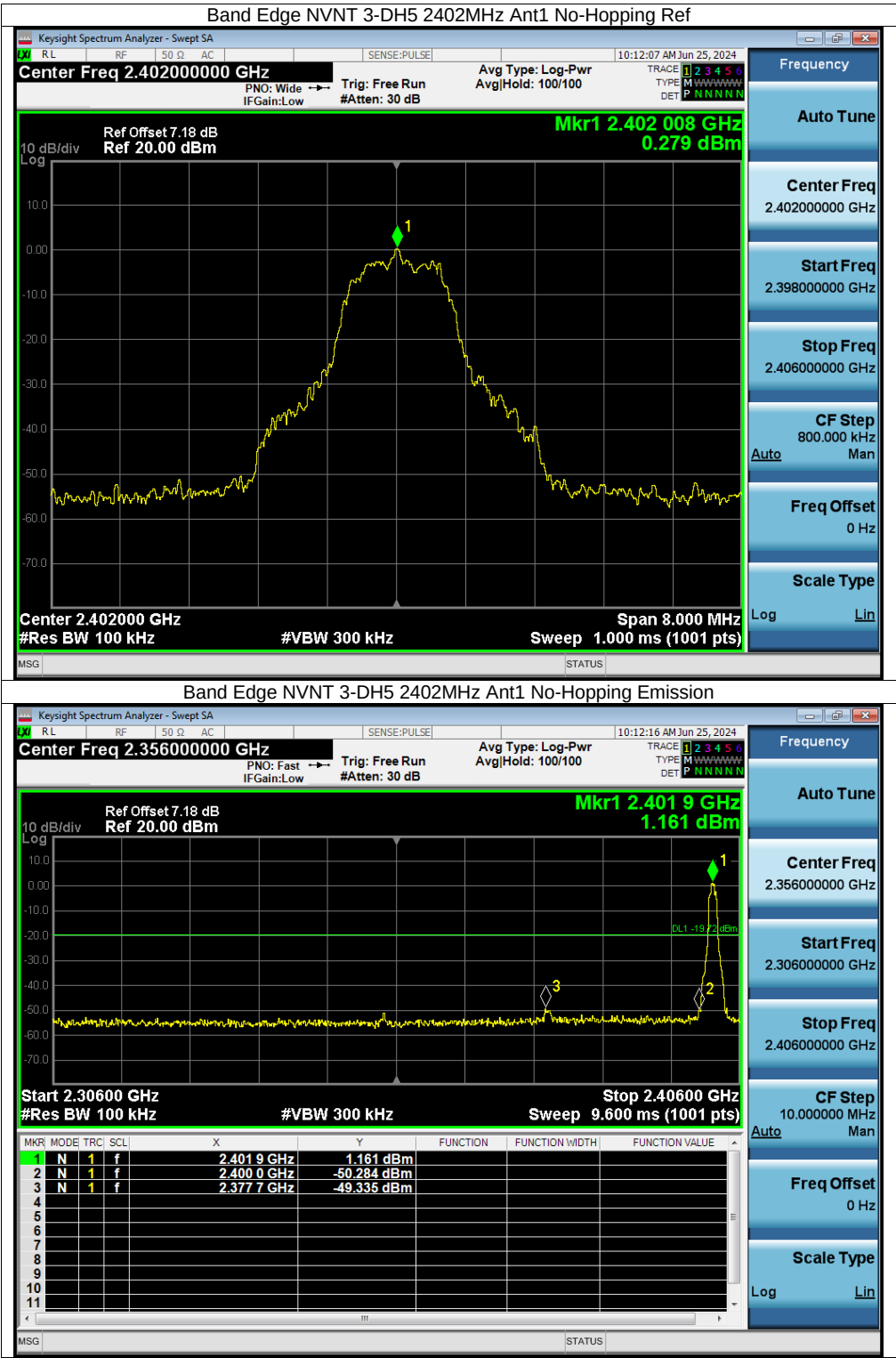
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-49.138	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-51.492	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-49.671	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-51.006	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-49.619	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-52.356	-20	Pass

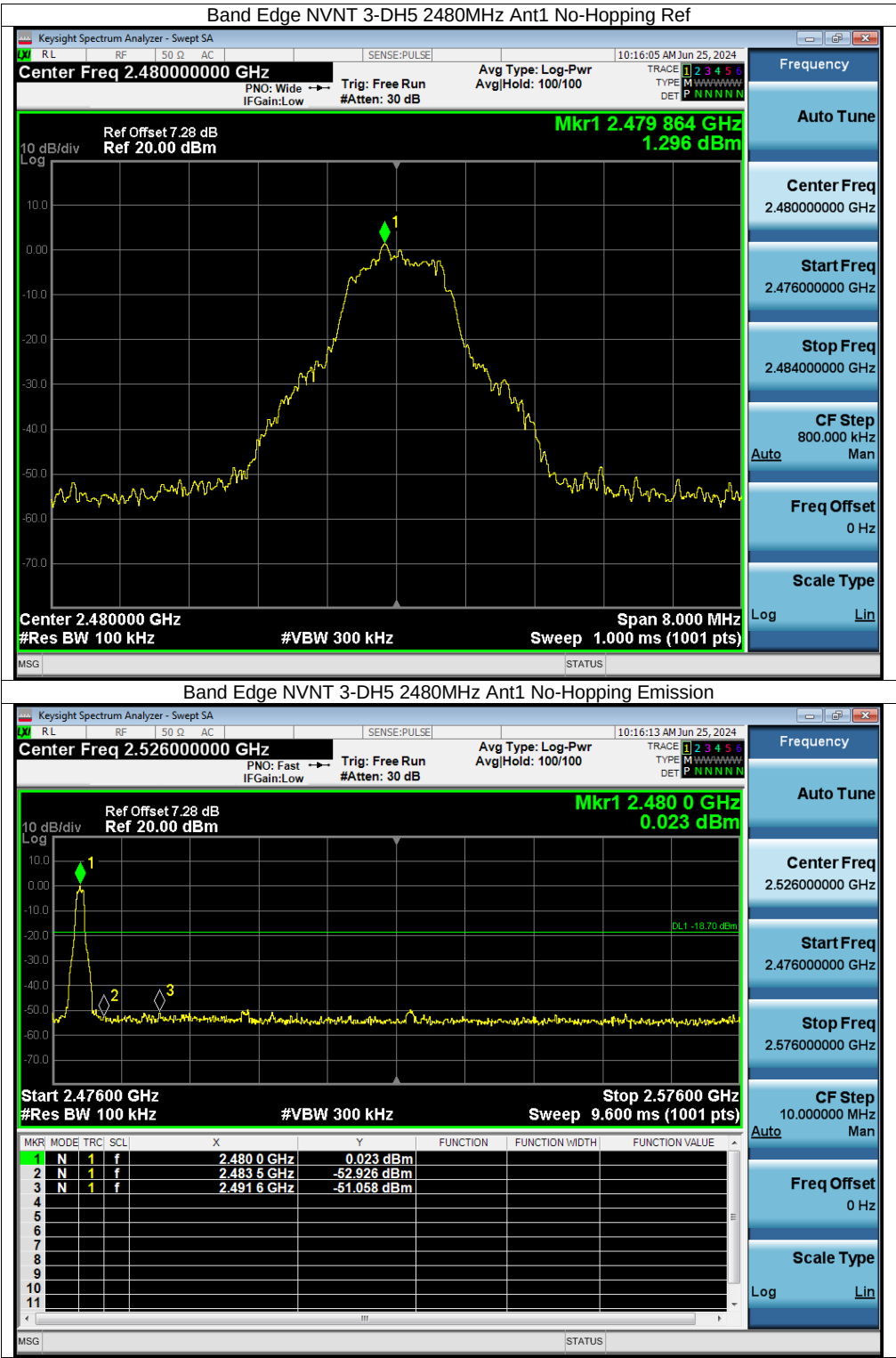






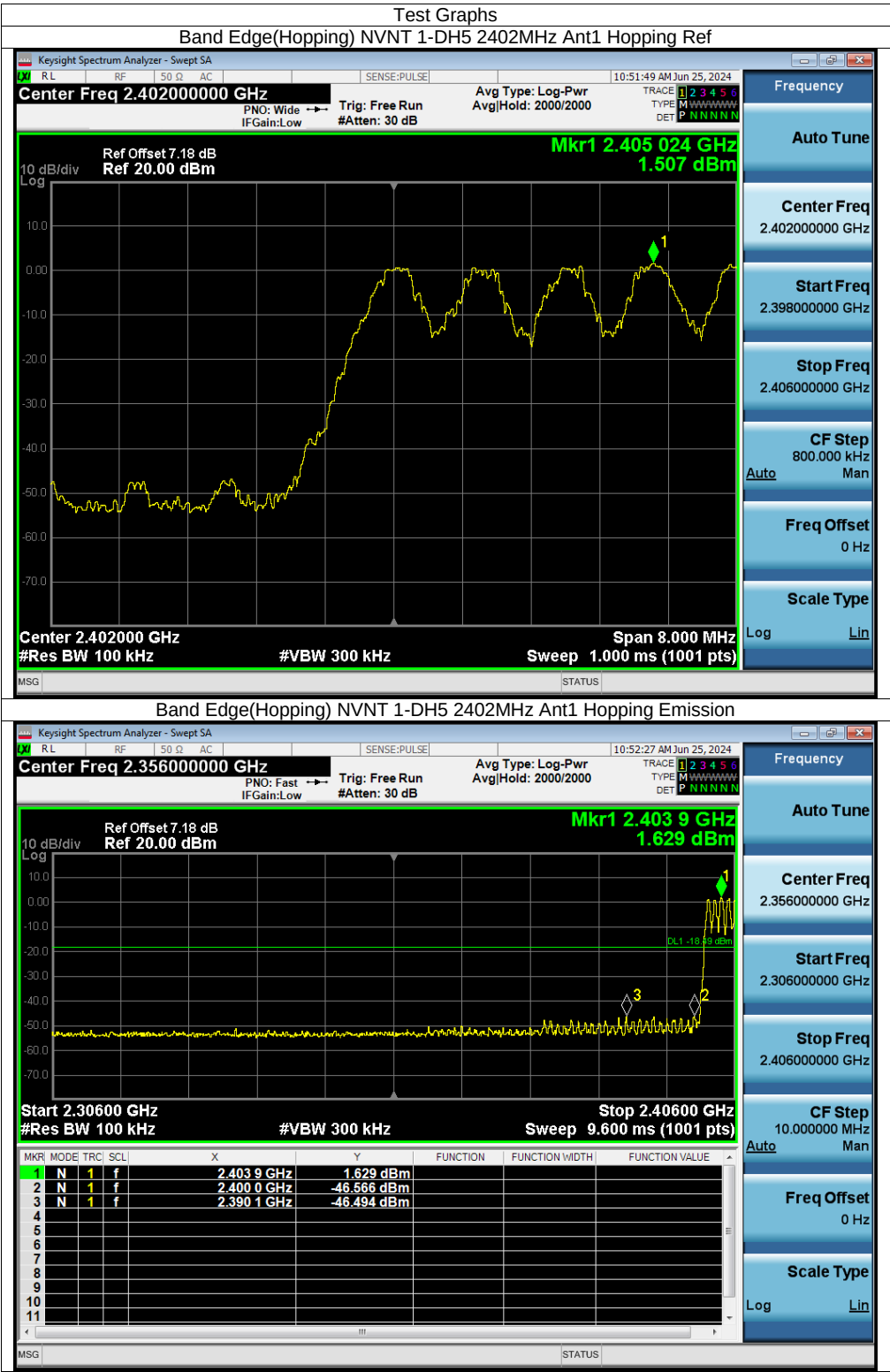






Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-47.997	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-47.45	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-48.29	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-49.131	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-48.799	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-48.607	-20	Pass



Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission

Keysight Spectrum Analyzer - Swept SA

RLRF50ΩACSENSE:PULSE

10:52:27 AM Jun 25, 2024

Center Freq 2.356000000 GHz

PNO: Fast → Trig: Free Run Avg Type: Log-Pwr

IFGain:Low #Atten: 30 dB AvgHld: 2000/2000

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 7.18 dB

Ref 20.00 dBm

Mkr1 2.403 9 GHz

1.629 dBm

Start 2.30600 GHz Stop 2.40600 GHz

#Res BW 100 kHz #VBW 300 kHz Sweep 9.600 ms (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq 2.356000000 GHz

Start Freq 2.306000000 GHz

Stop Freq 2.406000000 GHz

CF Step 10.000000 MHz

Auto Man

Freq Offset 0 Hz

Scale Type Log Lin



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission

KeySight Spectrum Analyzer - Swept SA

RLRF50QACSENSE:PULSE

10:56:01 AM Jun 25, 2024

Center Freq 2.526000000 GHz

PNO: Fast → Trig: Free Run Avg Type: Log-Pwr

IFGain:Low #Atten: 30 dB AvgHold: 2000/2000

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 7.28 dB

Ref 20.00 dBm

Mkr1 2.479 0 GHz

1.263 dBm

Start 2.47600 GHz Stop 2.57600 GHz

#Res BW 100 kHz #VBW 300 kHz Sweep 9.600 ms (1001 pts)

MSG STATUS

Frequency

Auto Tune

Center Freq 2.526000000 GHz

Start Freq 2.476000000 GHz

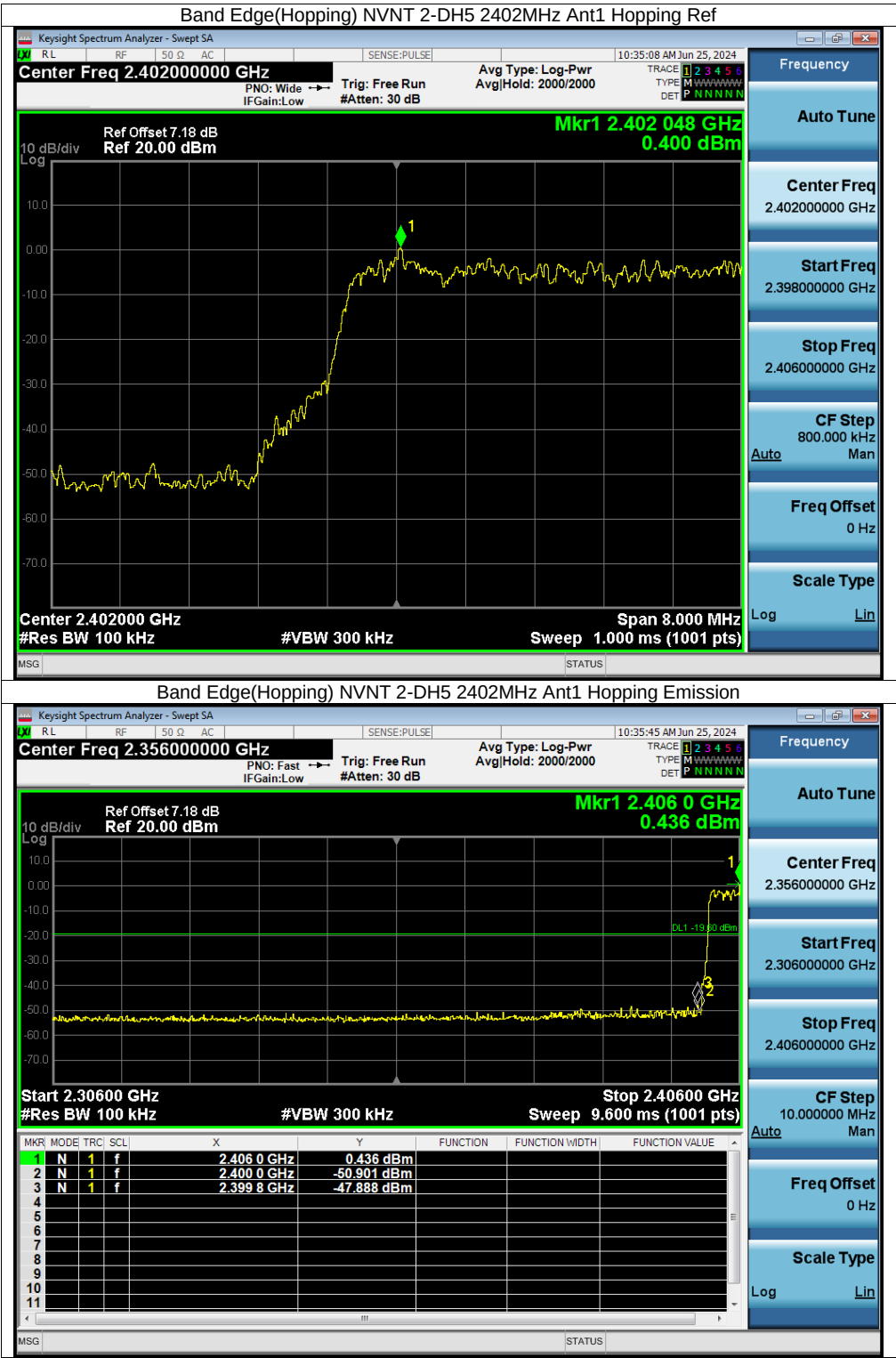
Stop Freq 2.576000000 GHz

CF Step 10.000000 MHz

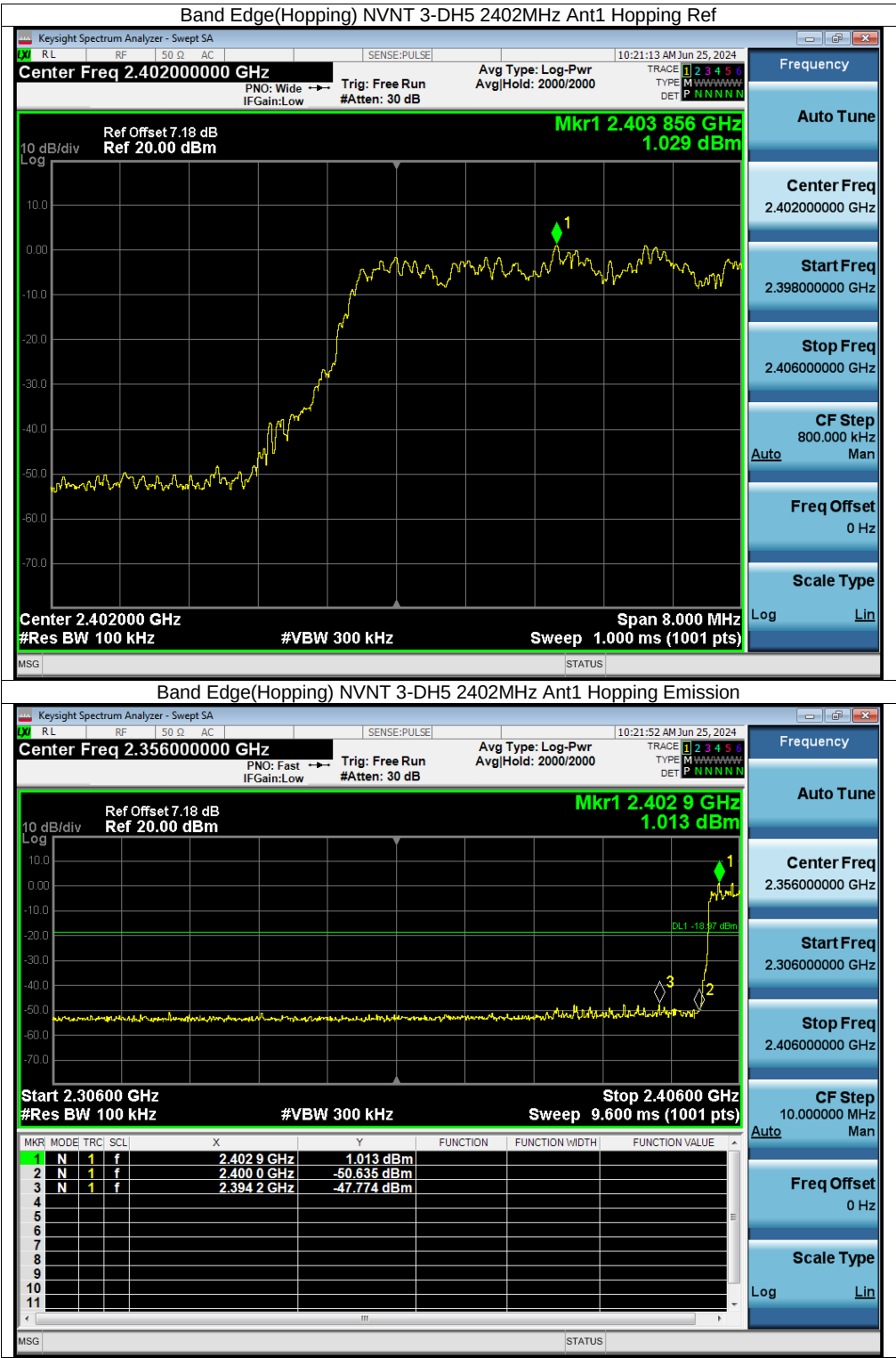
Auto Man

Freq Offset 0 Hz

Scale Type Log Lin







Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission

KeySight Spectrum Analyzer - Swept SA

RLRF50QACSENSE:PULSE

10:21:52 AM Jun 25, 2024

Center Freq 2.356000000 GHz

PNO: Fast → Trig: Free Run Avg Type: Log-Pwr

IFGain:Low #Atten: 30 dB AvgHold: 2000/2000

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P N N N N N N

Ref Offset 7.18 dB

Ref 20.00 dBm

Mkr1 2.402 9 GHz

1.013 dBm

Start 2.30600 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.40600 GHz Sweep 9.600 ms (1001 pts)

MSGSTATUS

Frequency

Auto Tune

Center Freq 2.356000000 GHz

Start Freq 2.306000000 GHz

Stop Freq 2.406000000 GHz

CF Step 10.000000 MHz

Auto Man

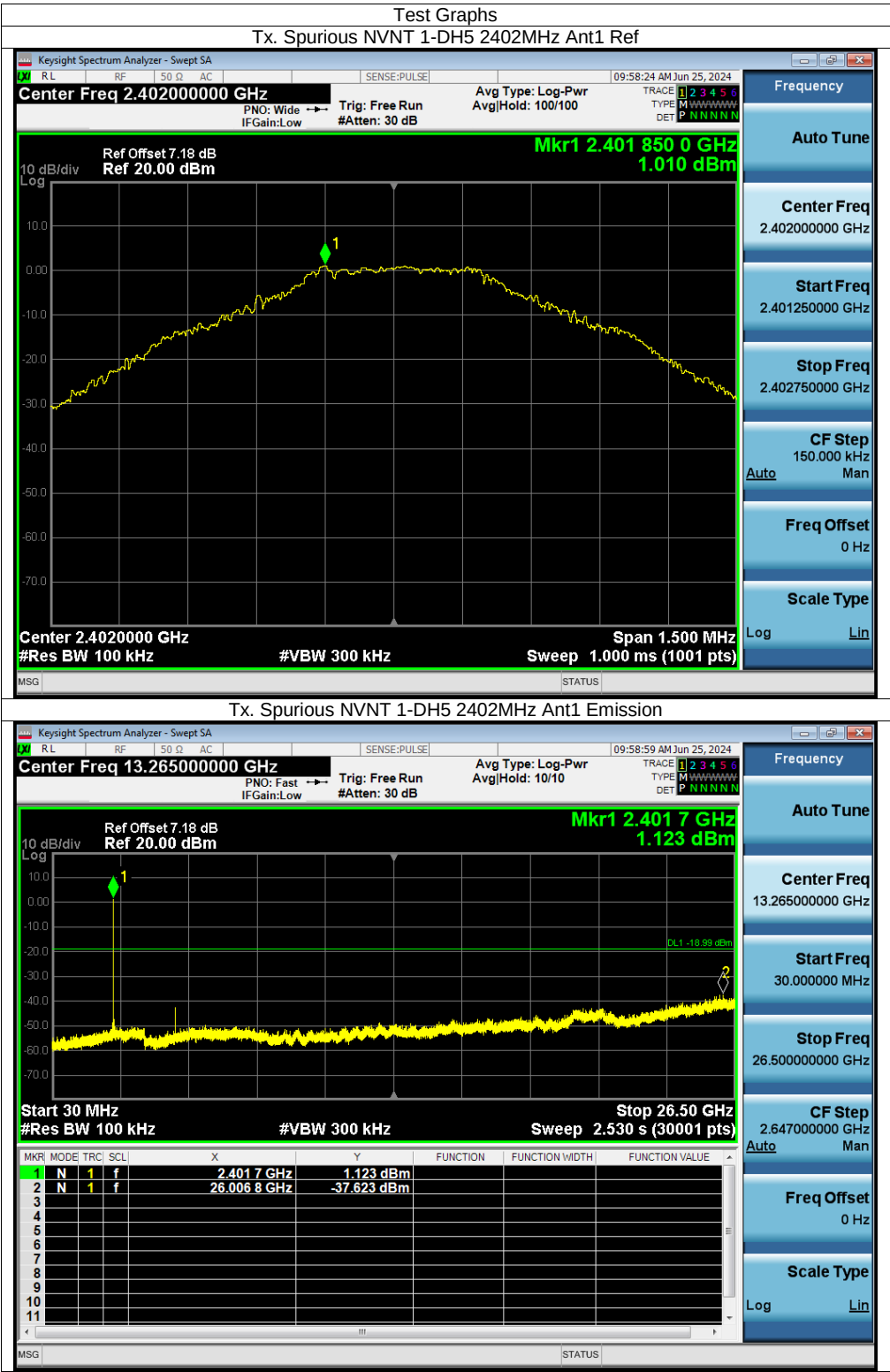
Freq Offset 0 Hz

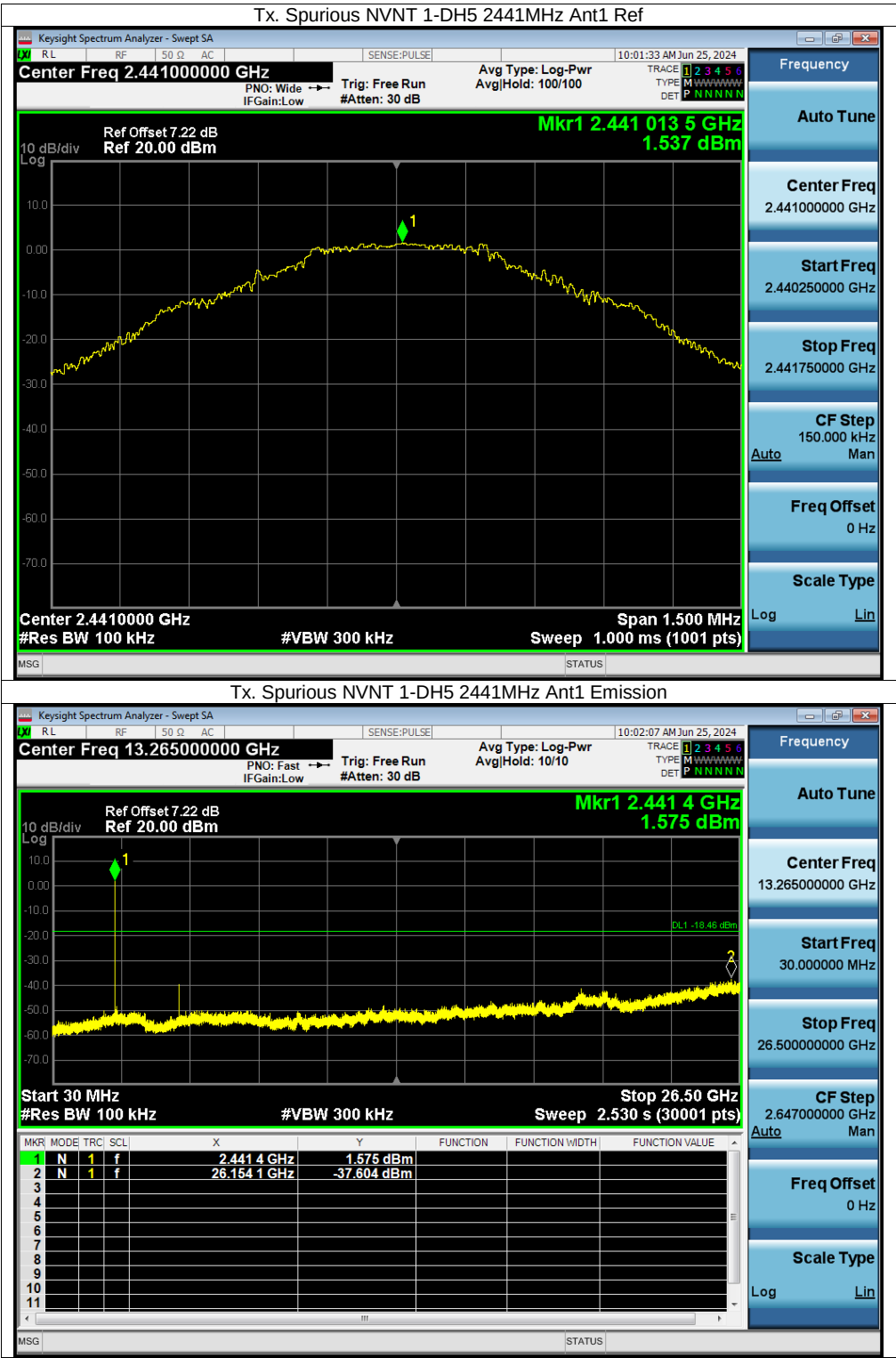
Scale Type Log Lin

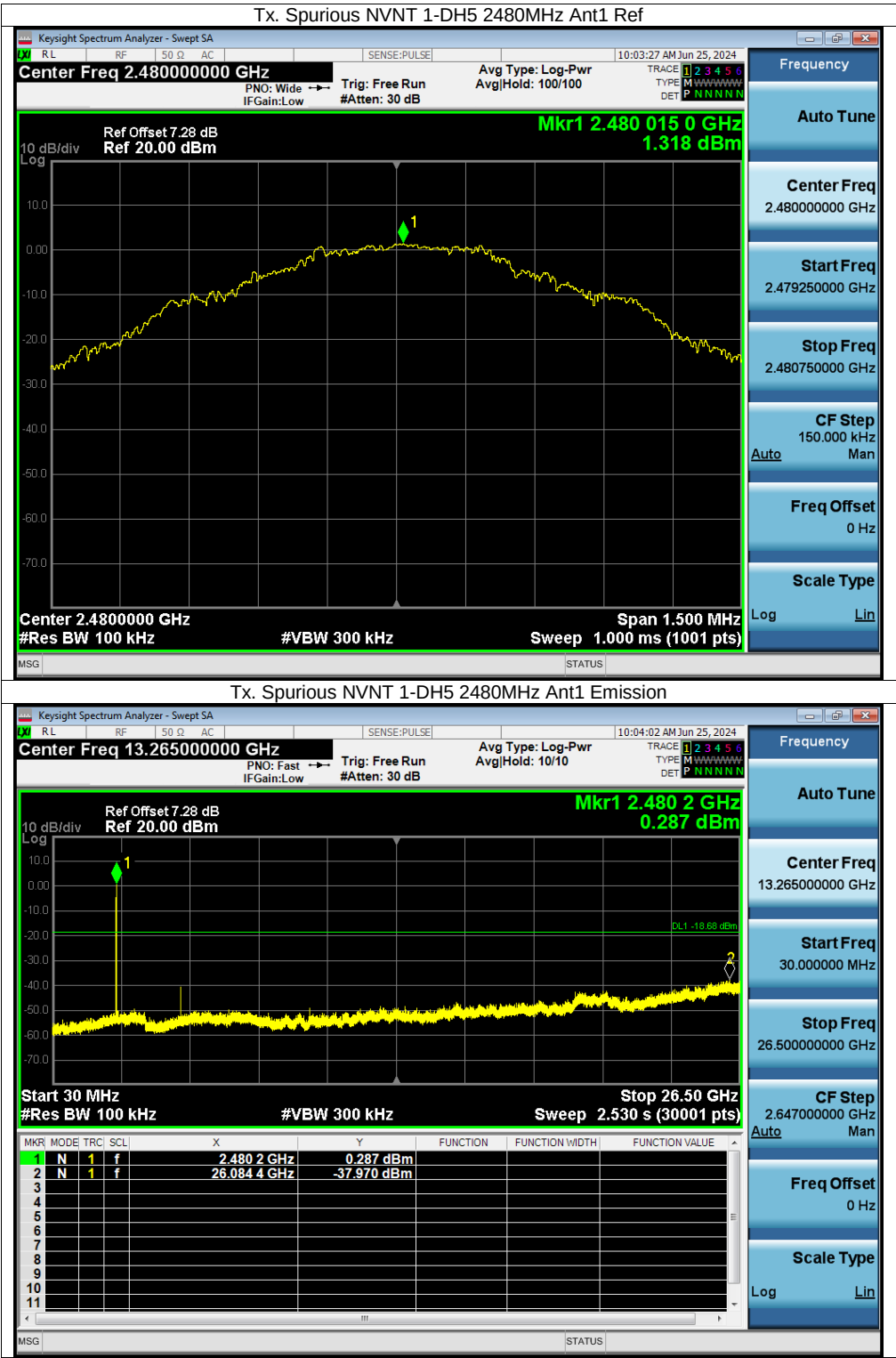


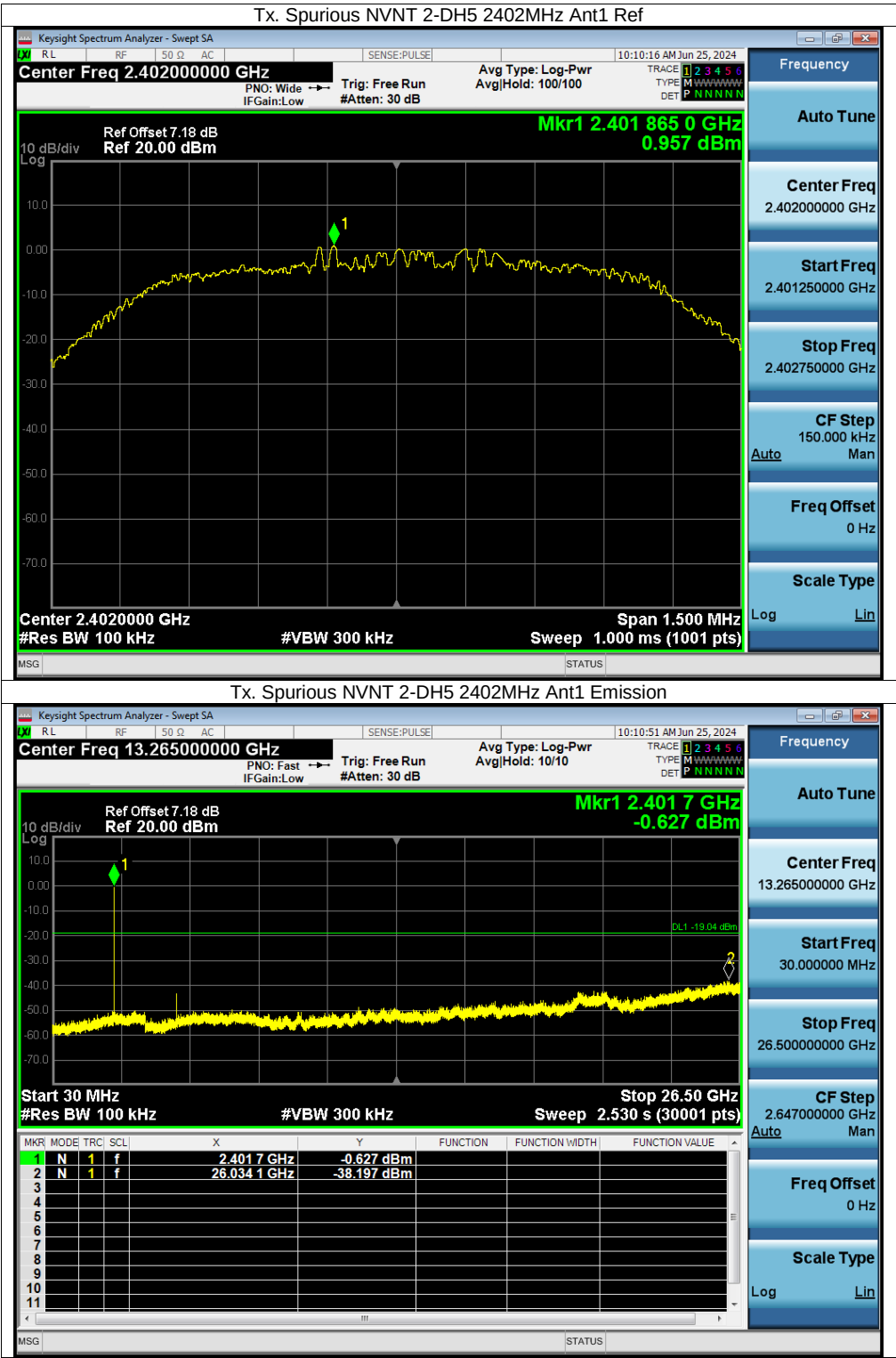
Conducted RF Spurious Emission

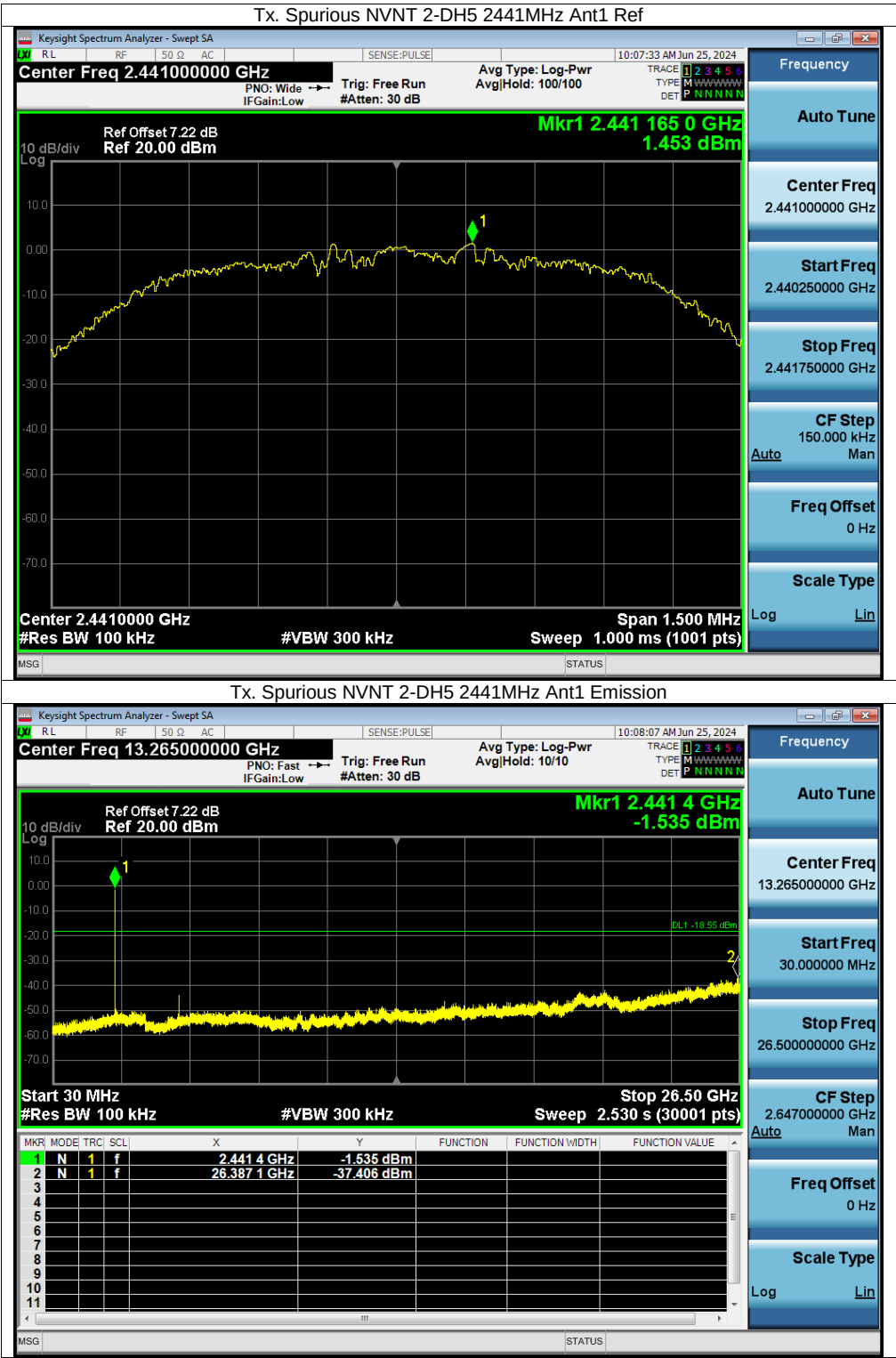
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-38.63	-20	Pass
NVNT	1-DH5	2441	Ant1	-39.14	-20	Pass
NVNT	1-DH5	2480	Ant1	-39.29	-20	Pass
NVNT	2-DH5	2402	Ant1	-39.16	-20	Pass
NVNT	2-DH5	2441	Ant1	-38.86	-20	Pass
NVNT	2-DH5	2480	Ant1	-39.1	-20	Pass
NVNT	3-DH5	2402	Ant1	-38.98	-20	Pass
NVNT	3-DH5	2441	Ant1	-38.99	-20	Pass
NVNT	3-DH5	2480	Ant1	-38.41	-20	Pass

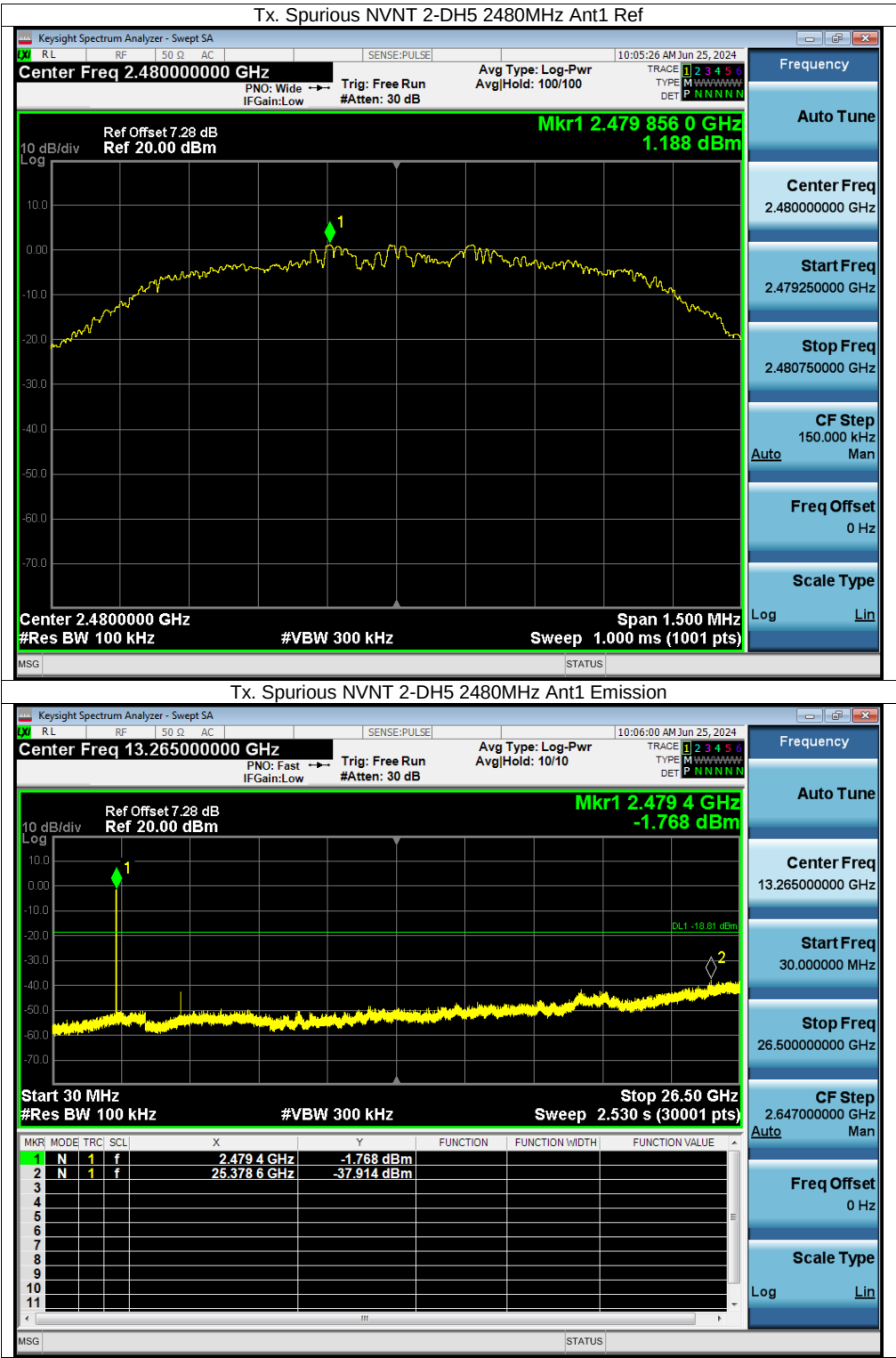


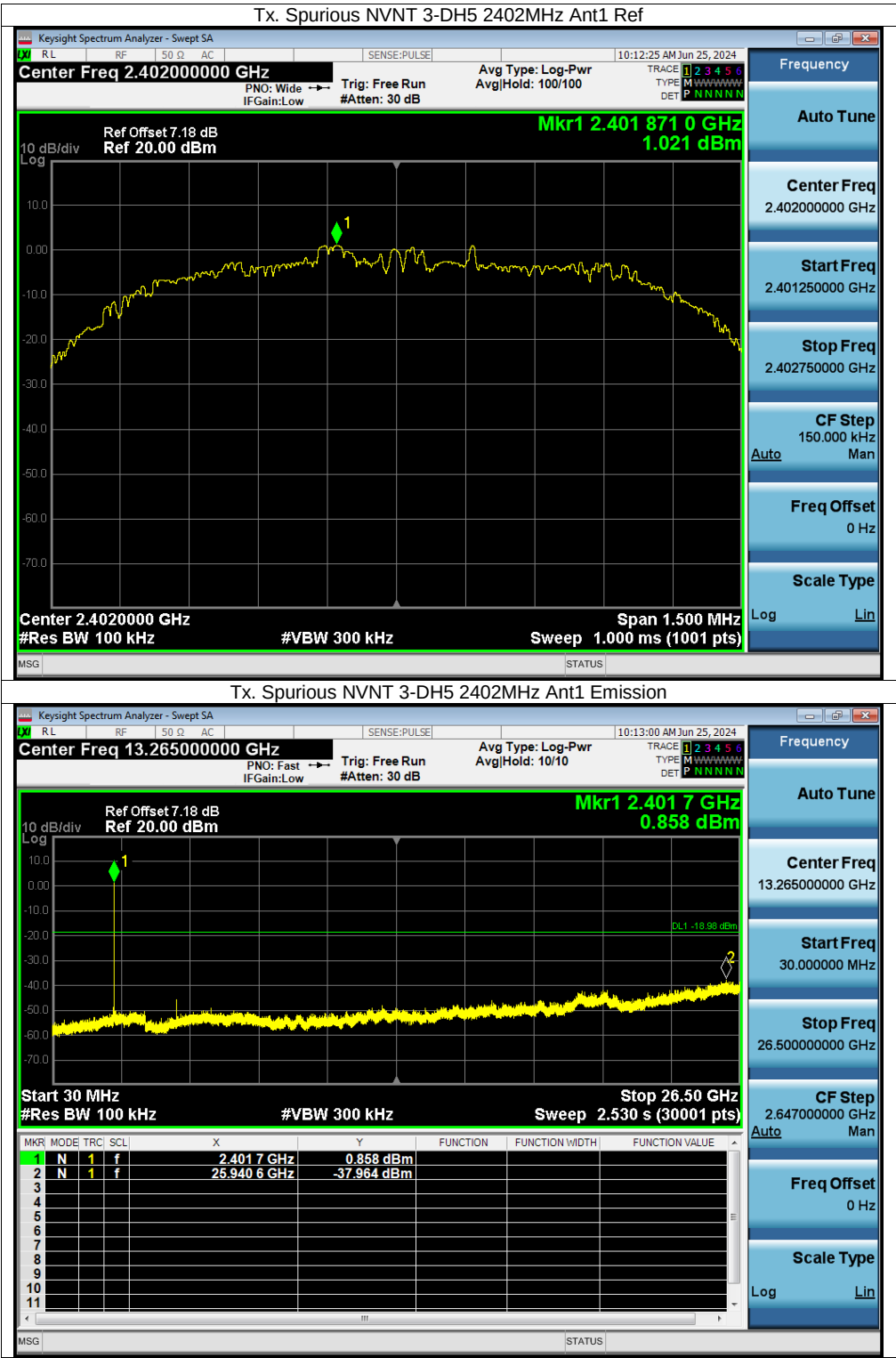


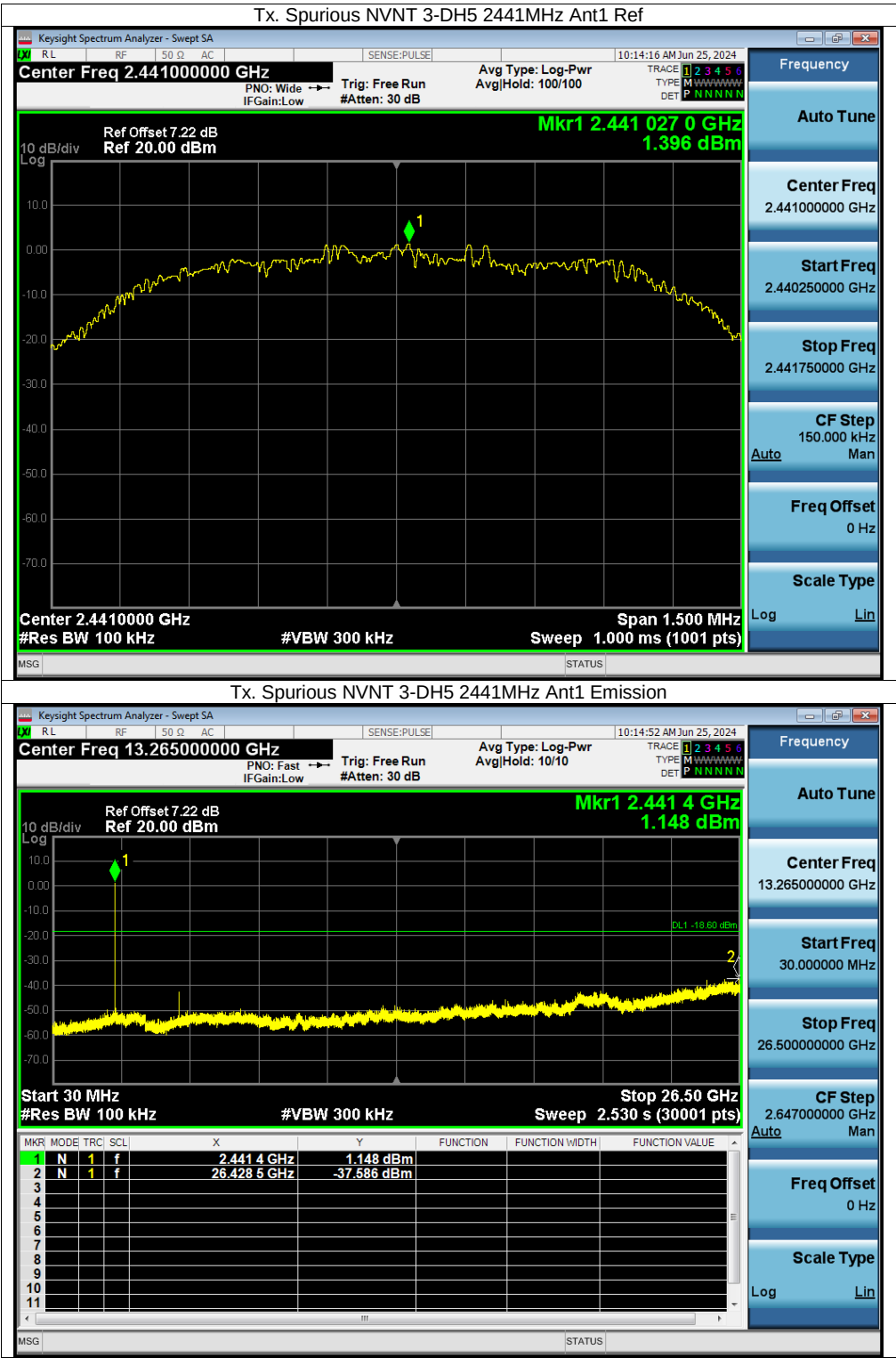


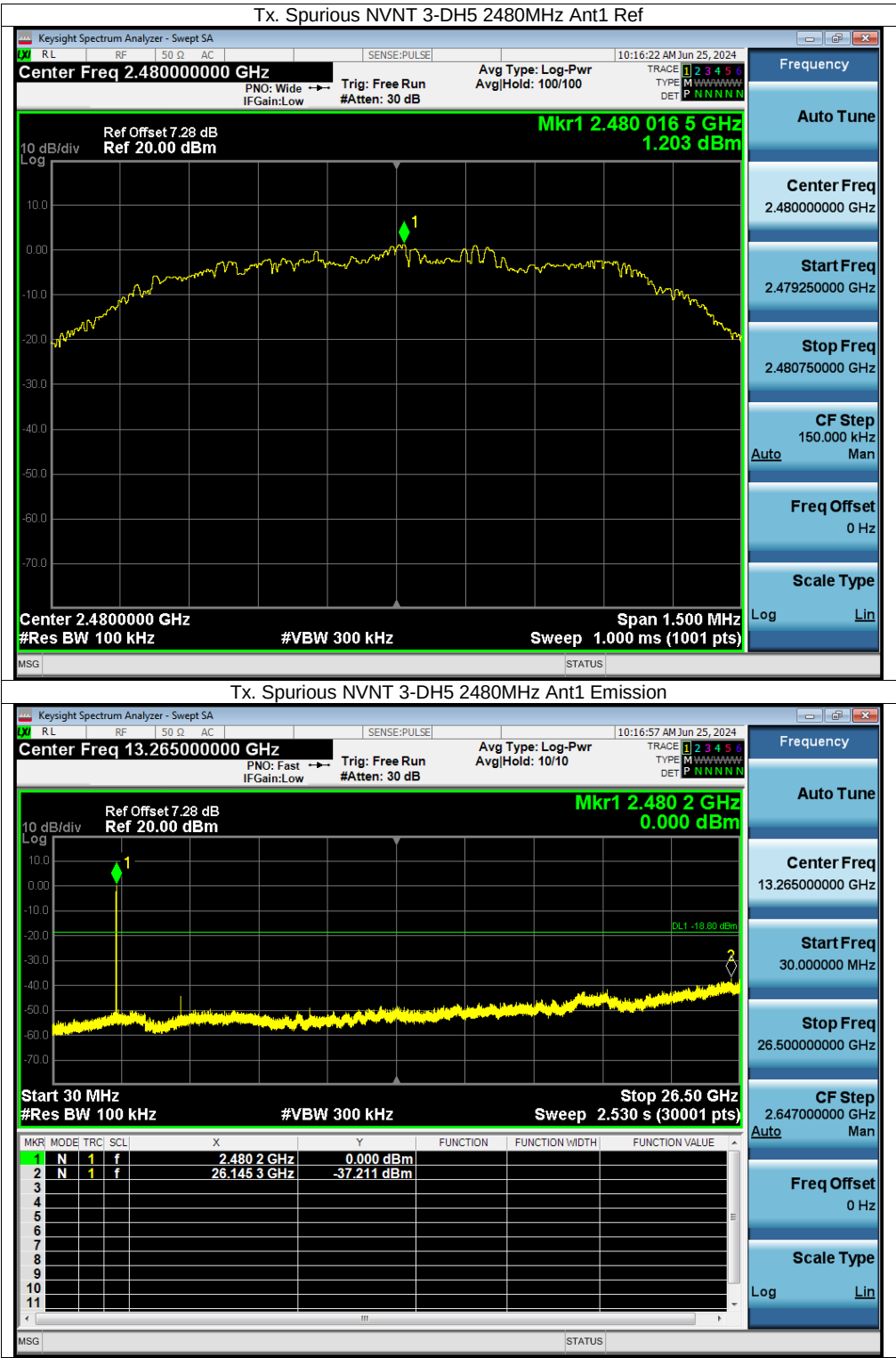










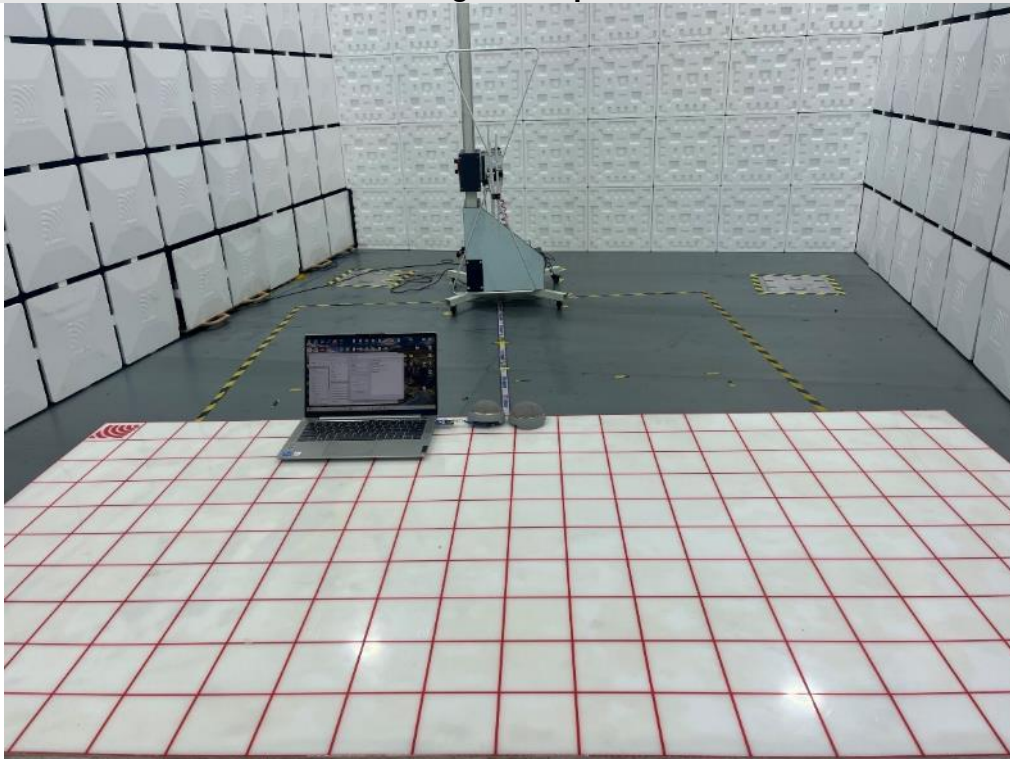


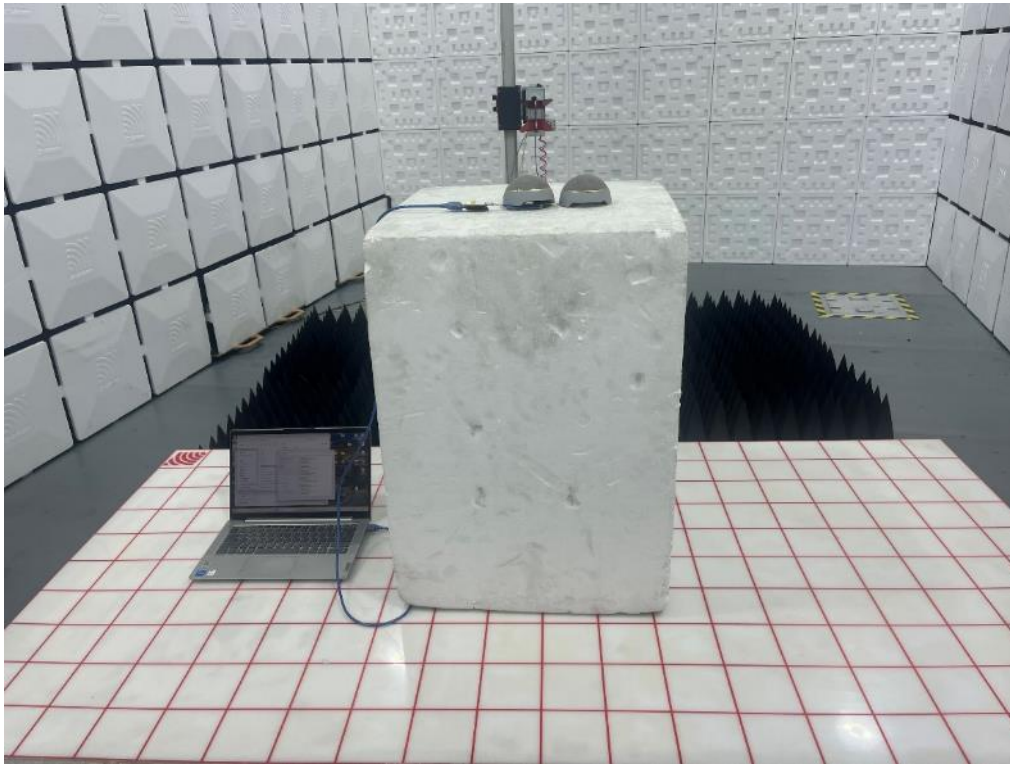
APPENDIX: PHOTOGRAPHS OF TEST CONFIGURATION

AC Power Line Conducted Emission



Radiated Band edge and Spurious Emission



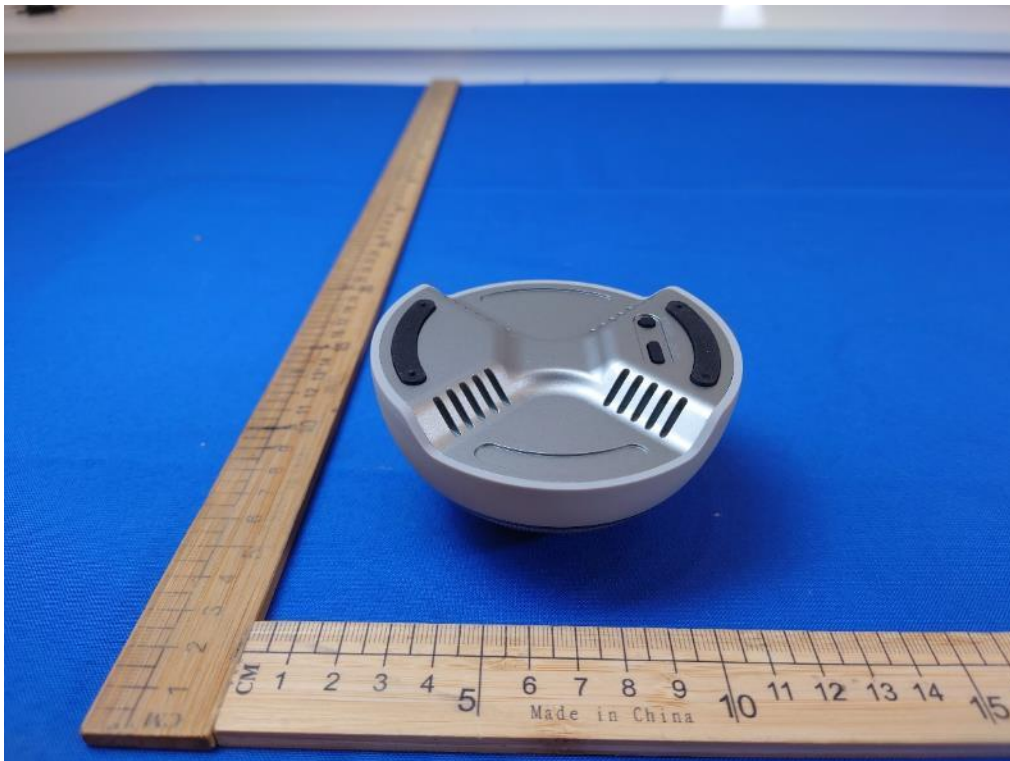


APPENDIX: PHOTOGRAPHS OF THE EUT

External



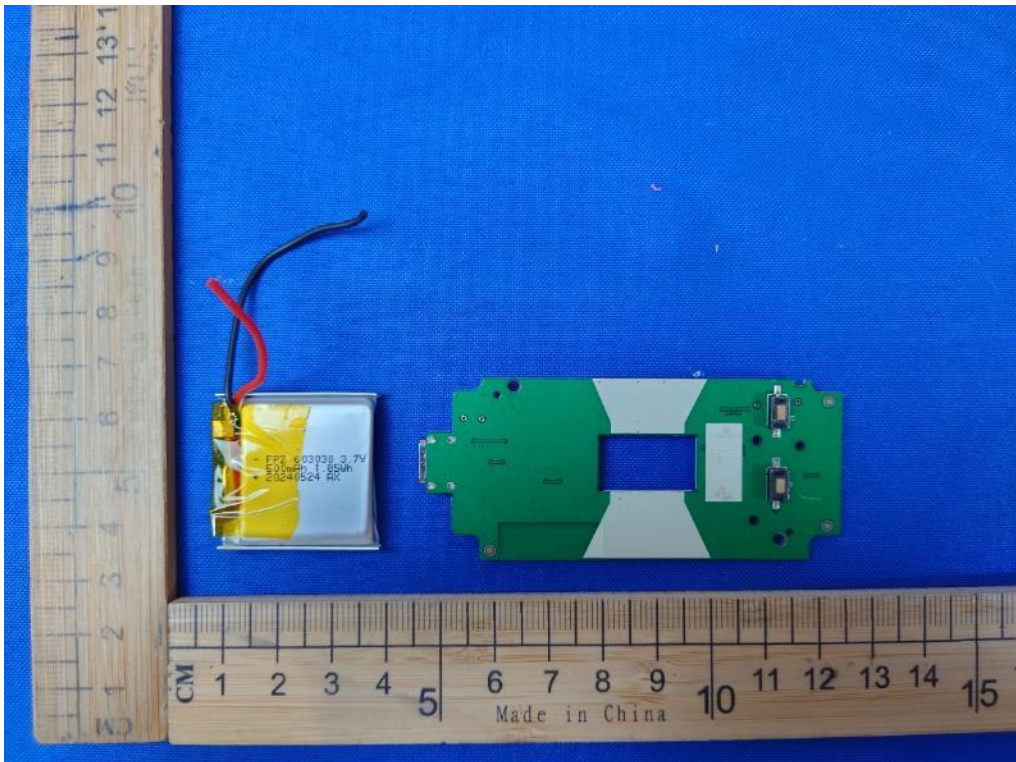
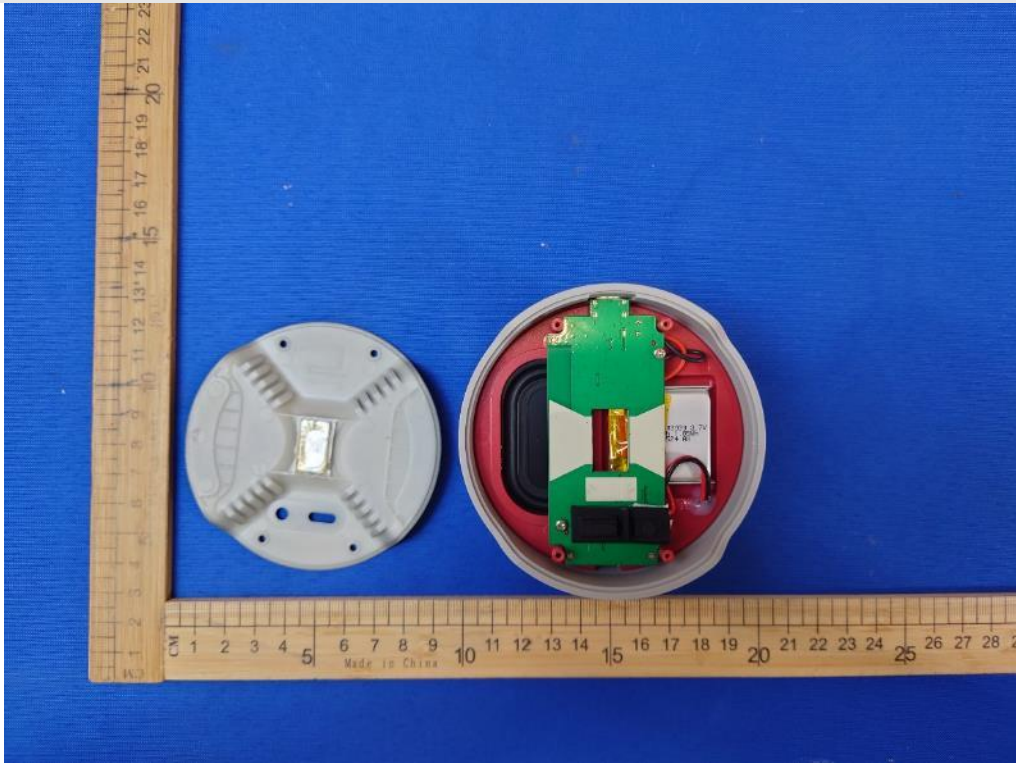


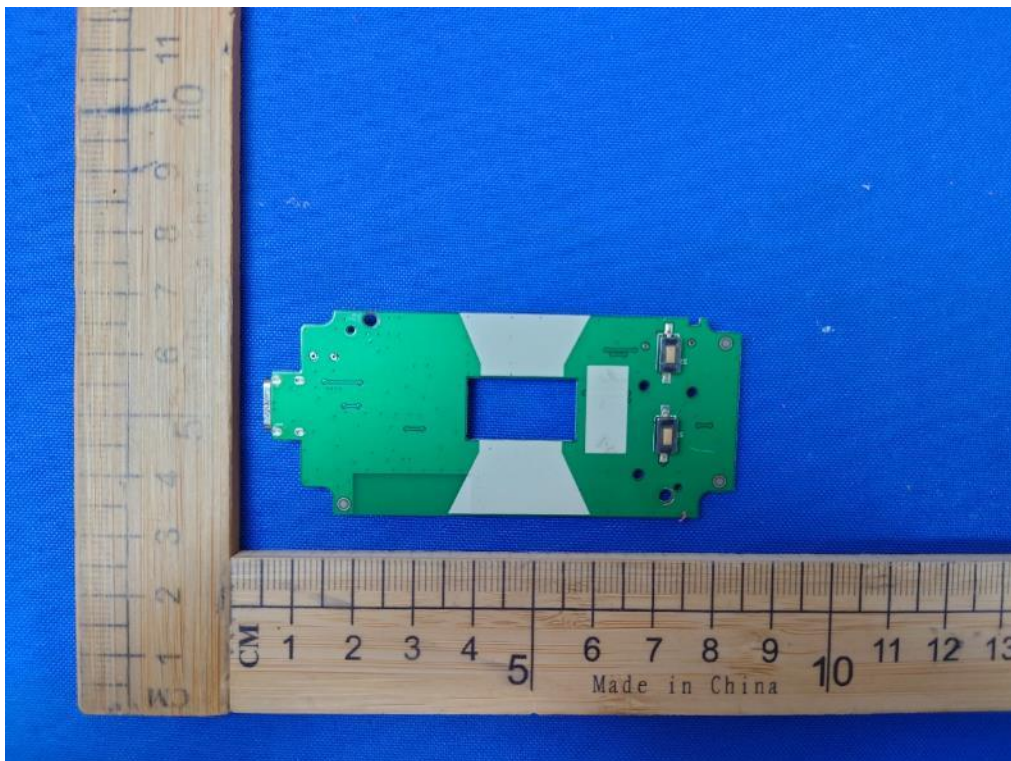
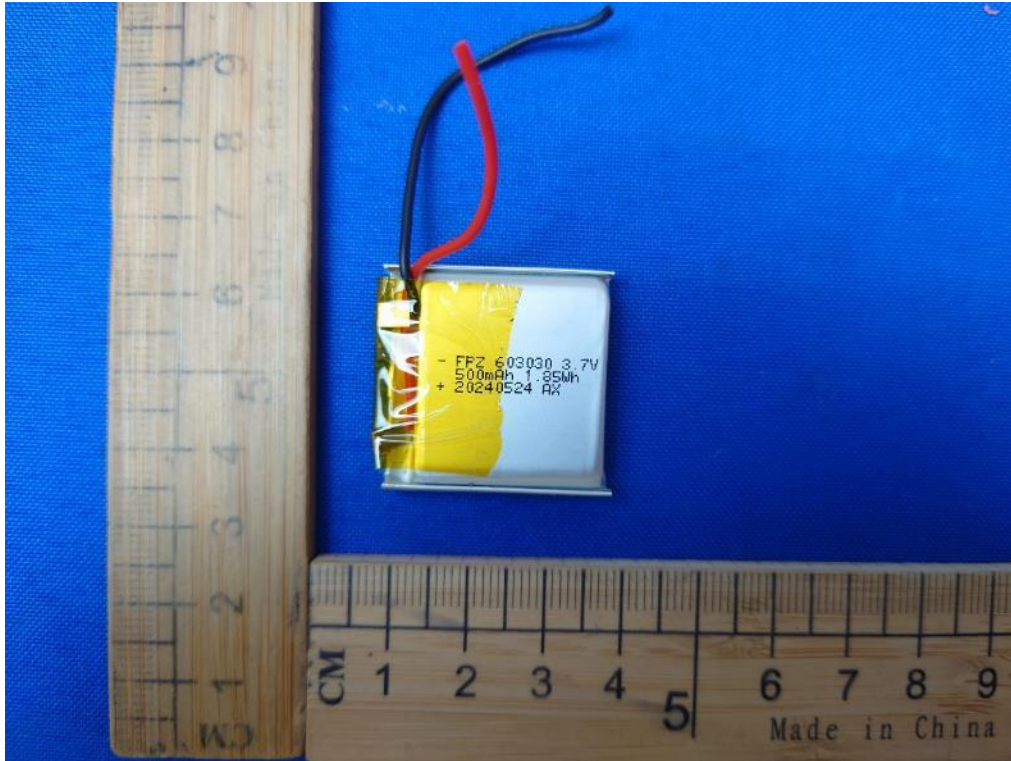


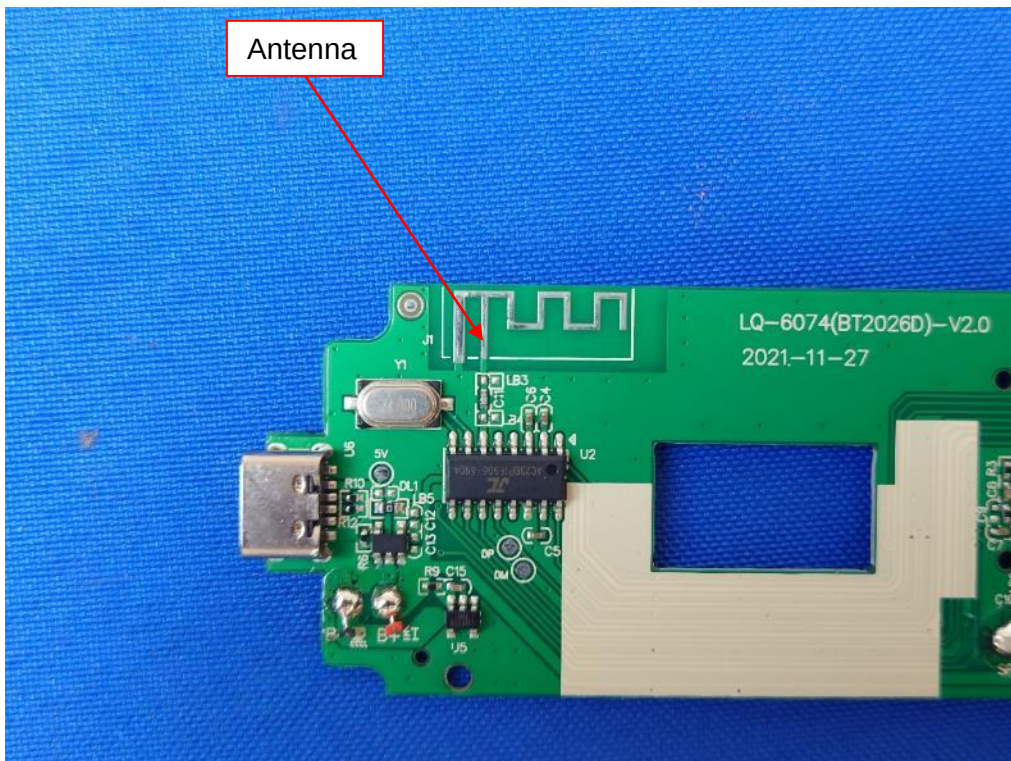
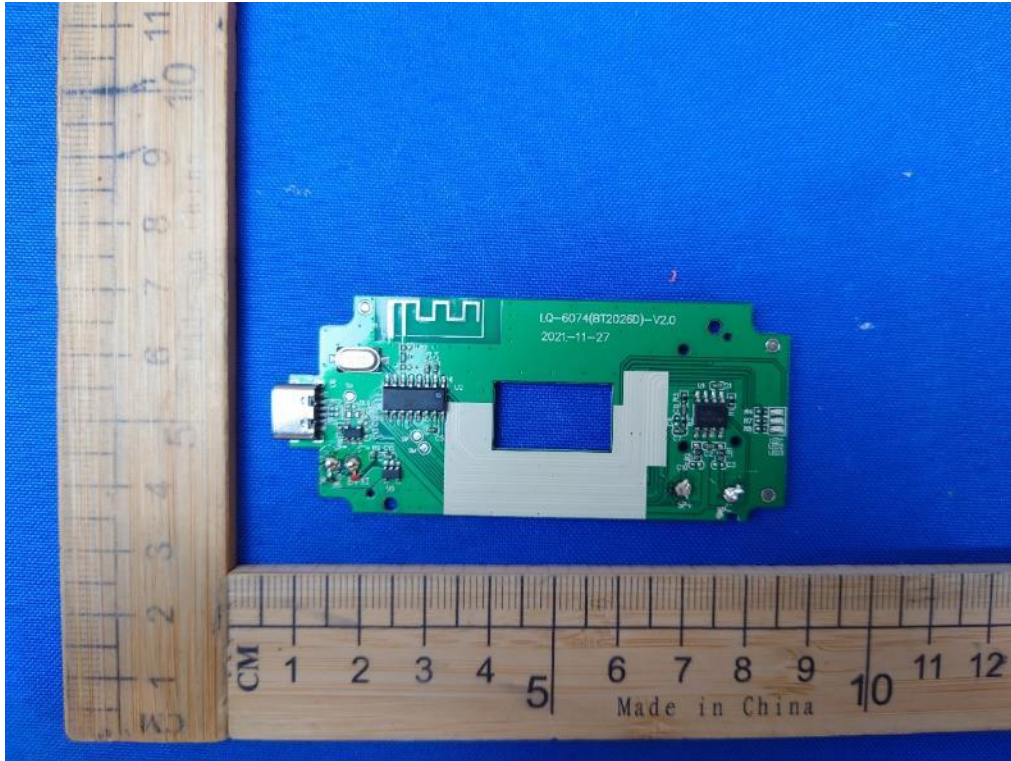




Internal







END OF REPORT