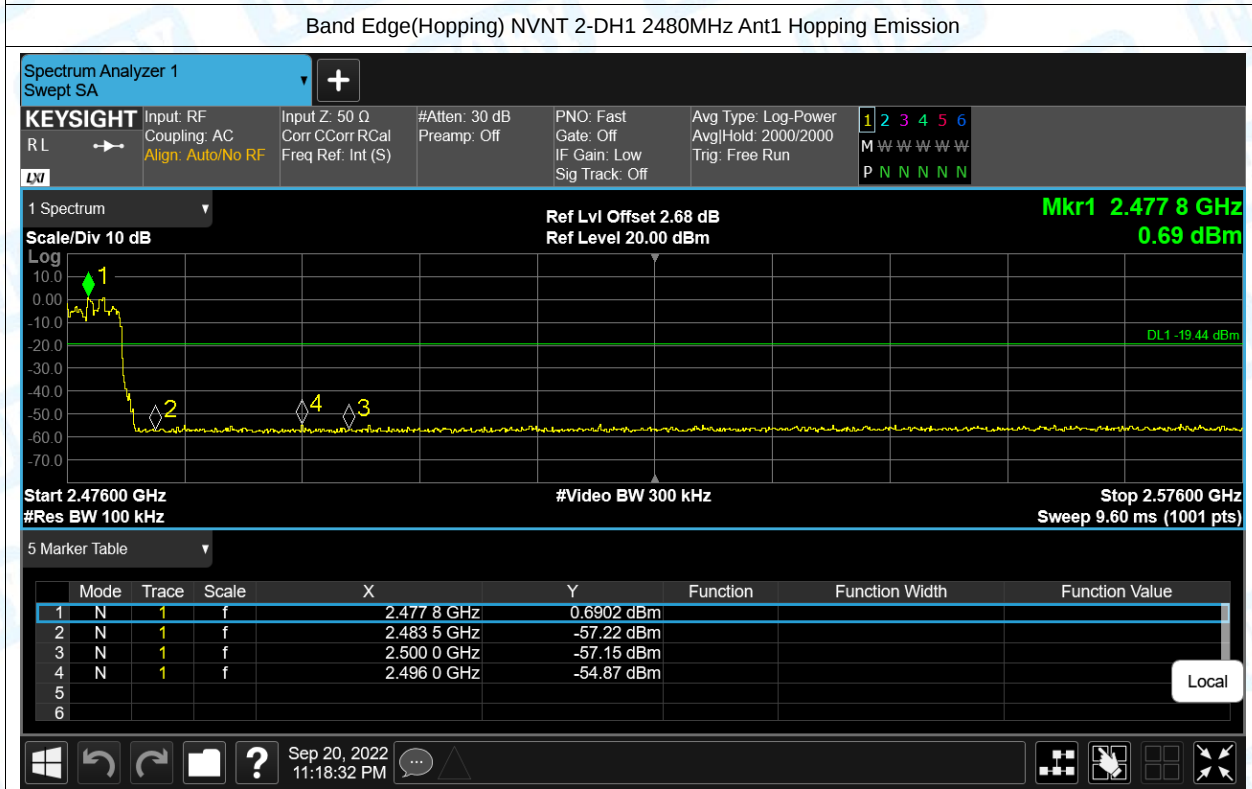
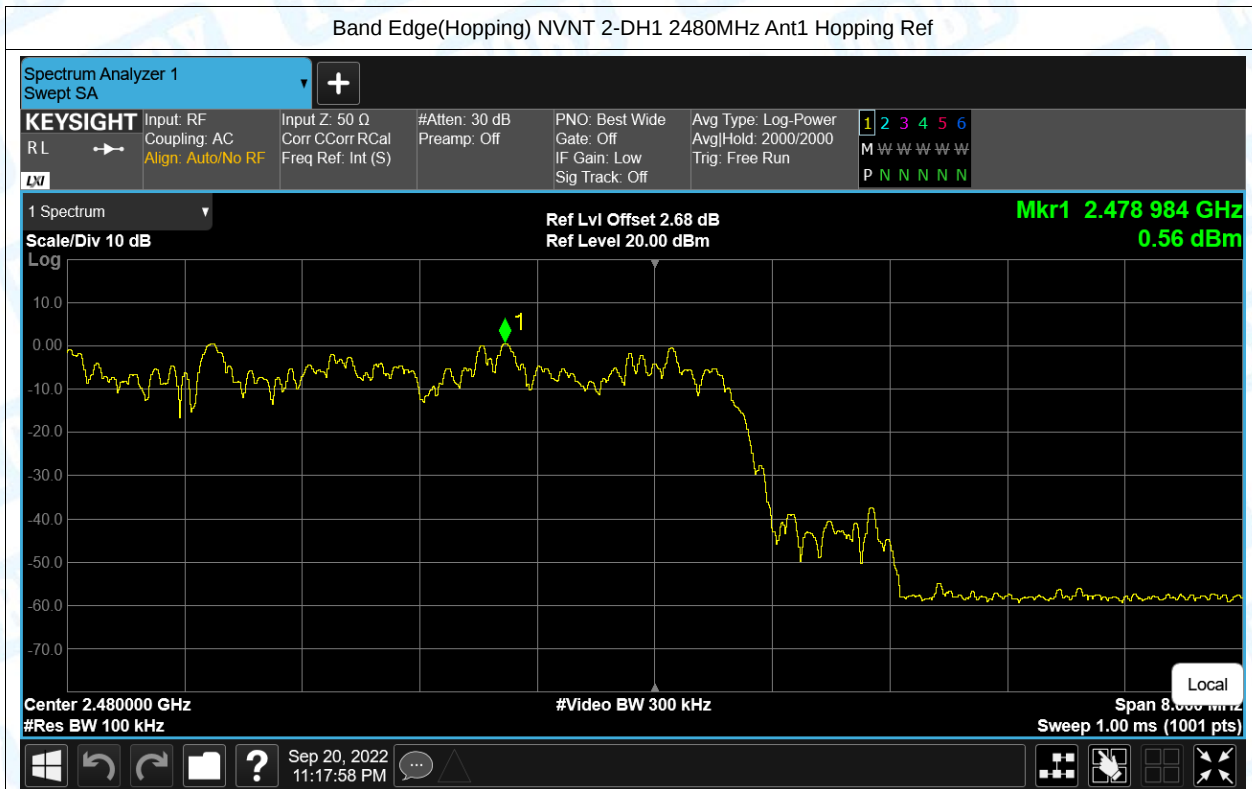
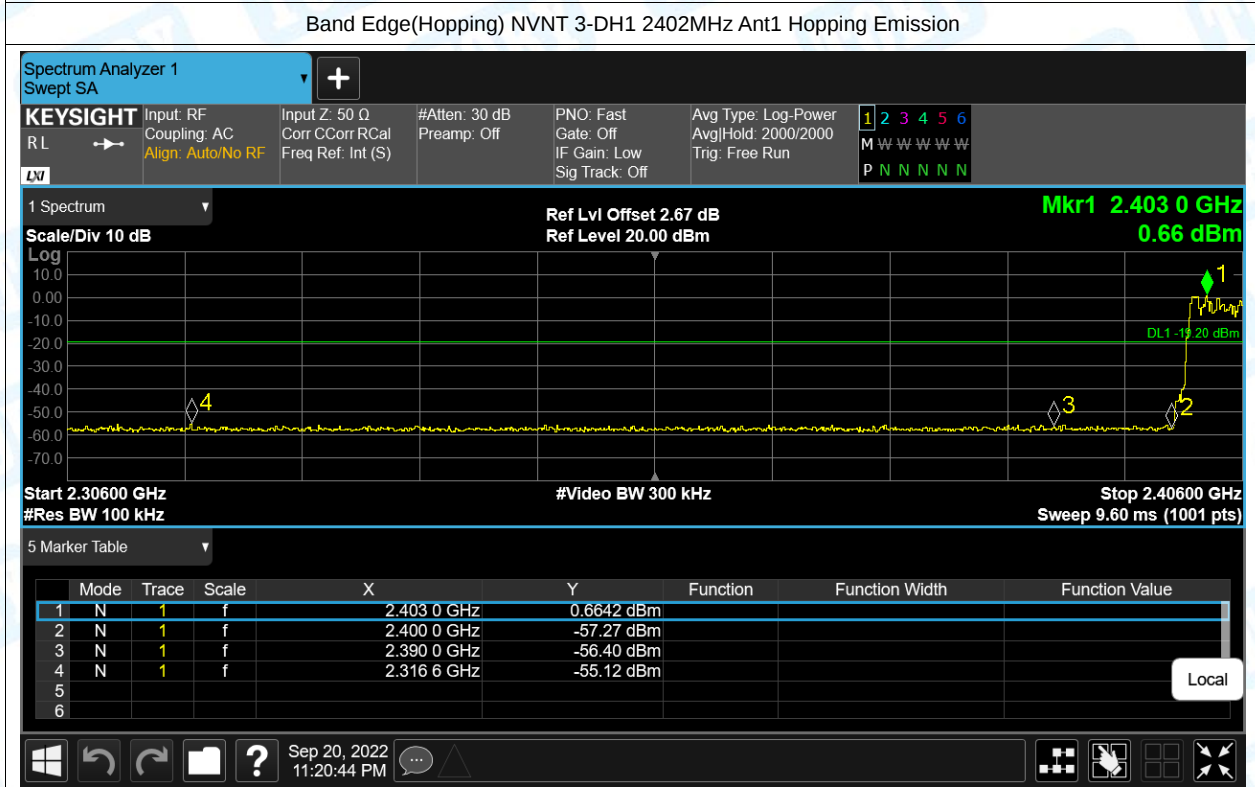
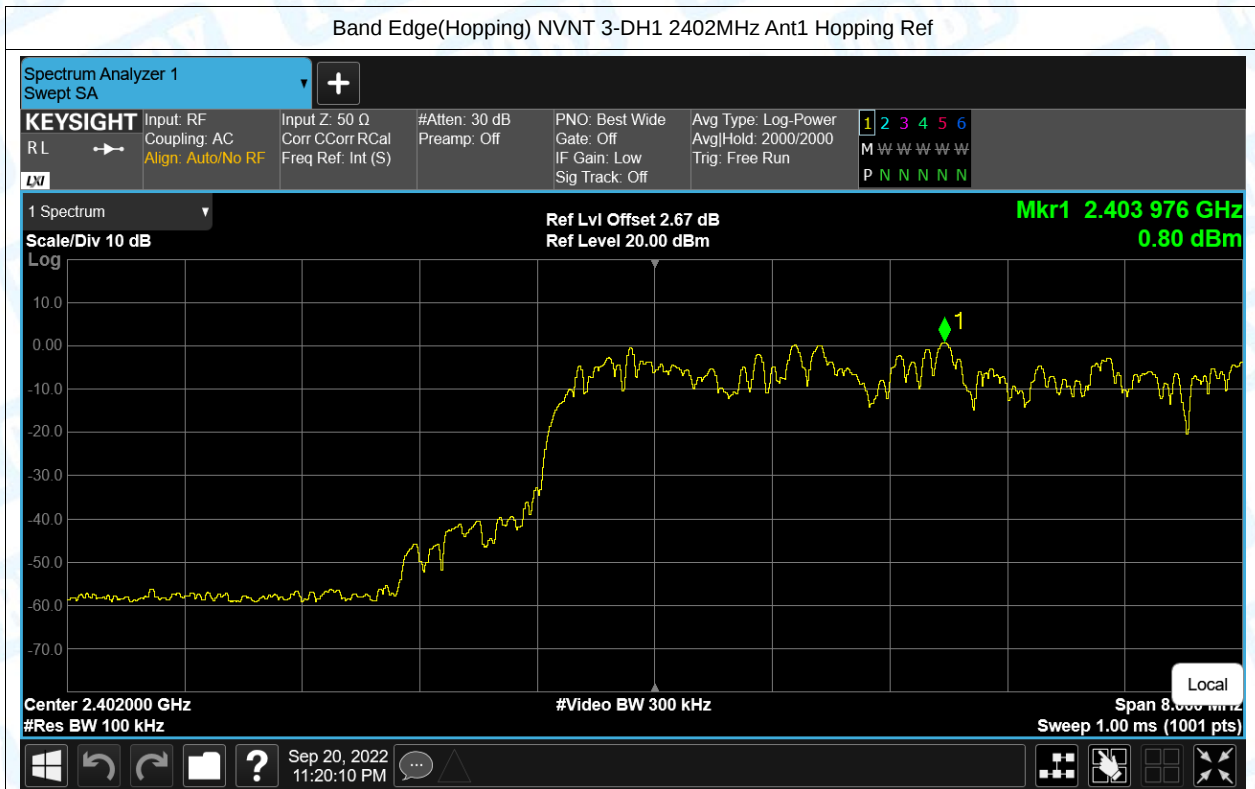
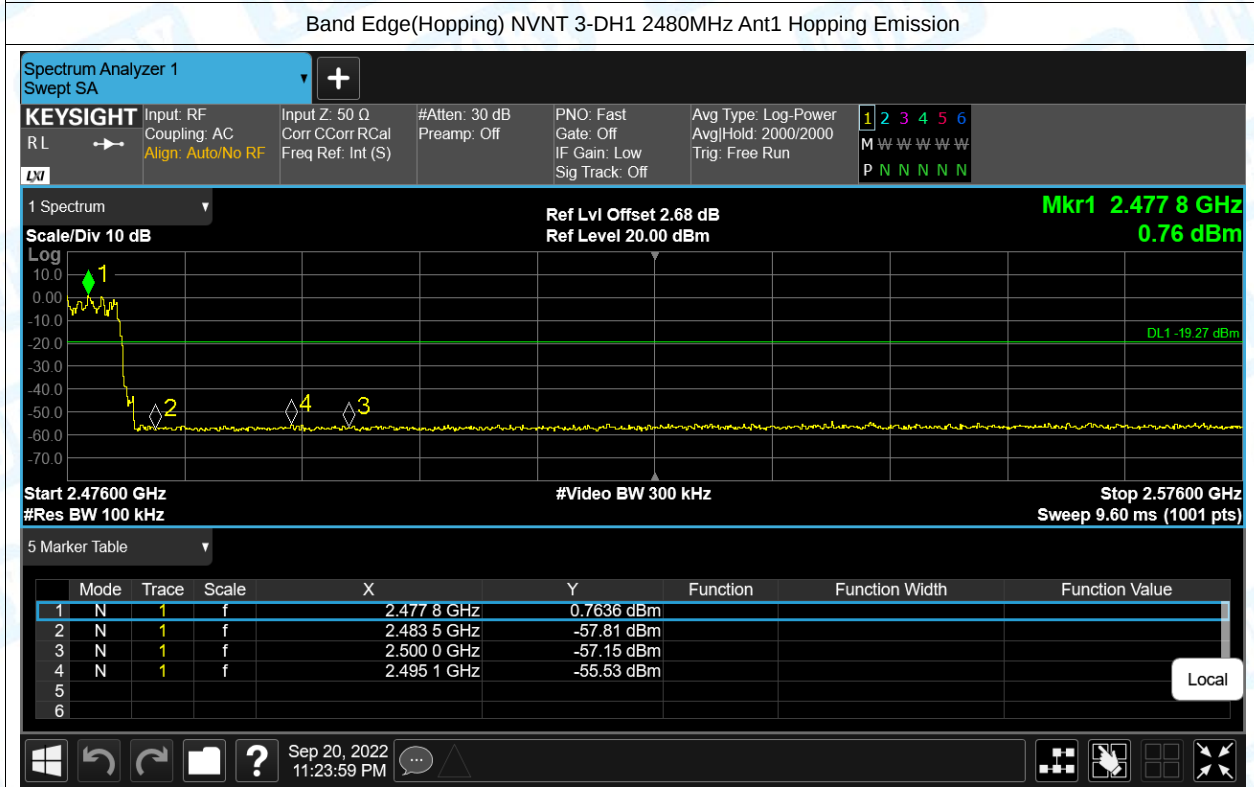
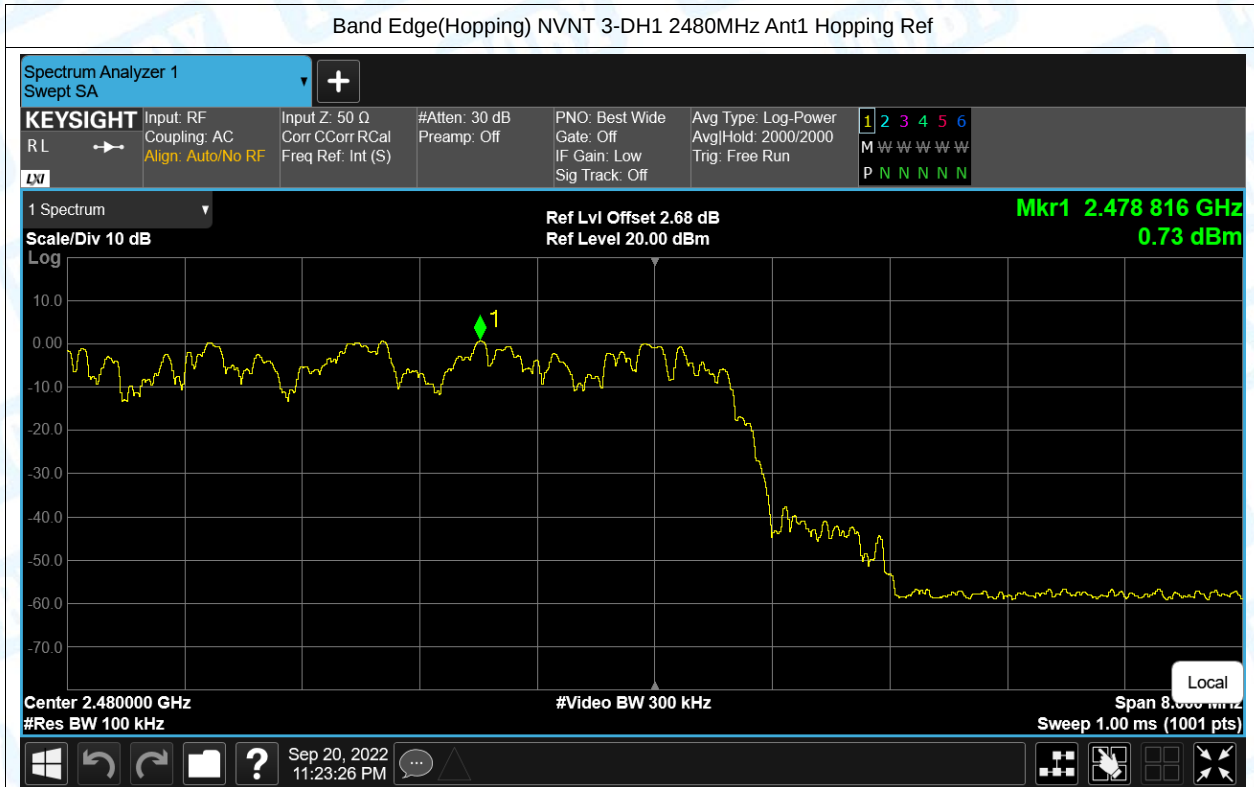


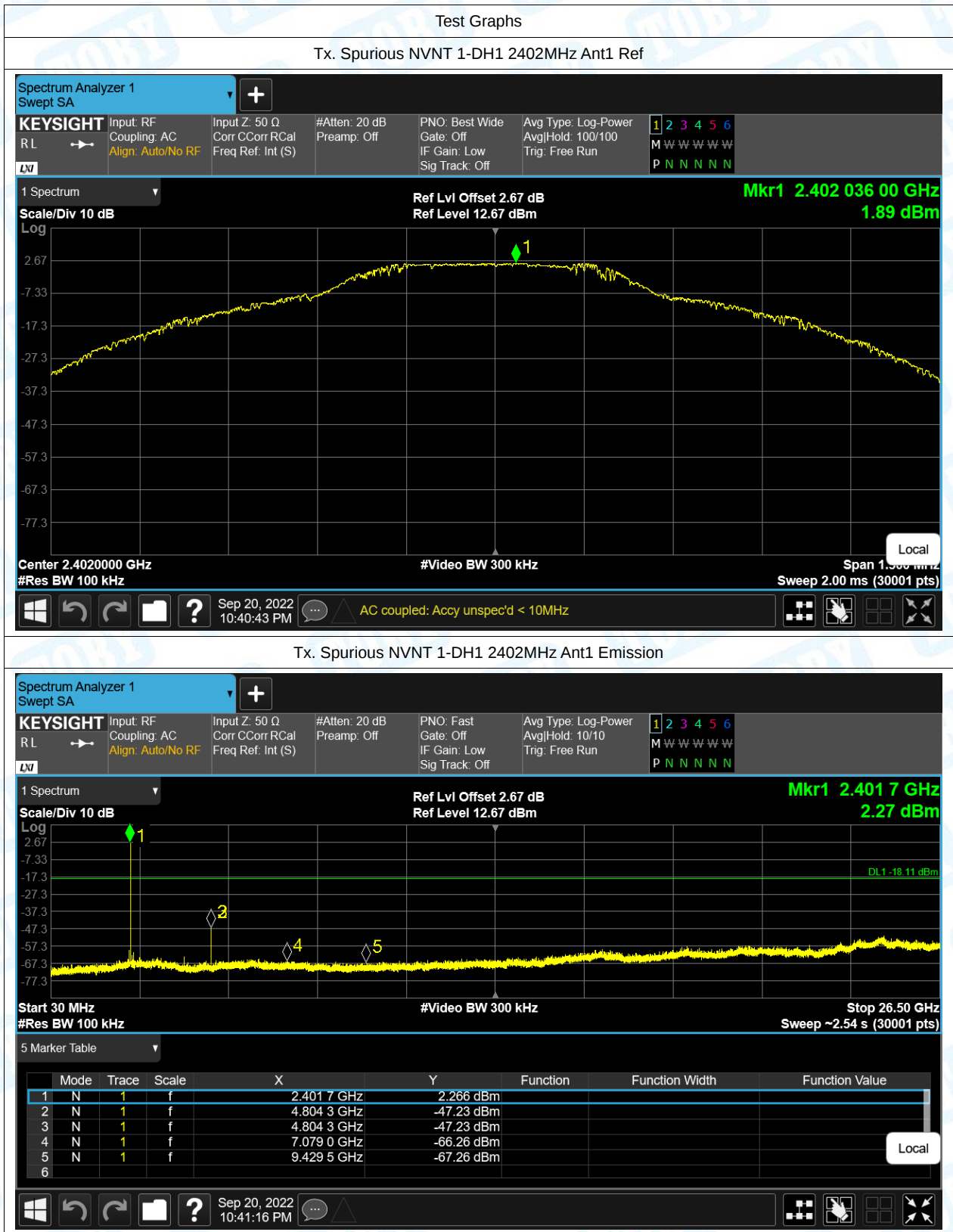


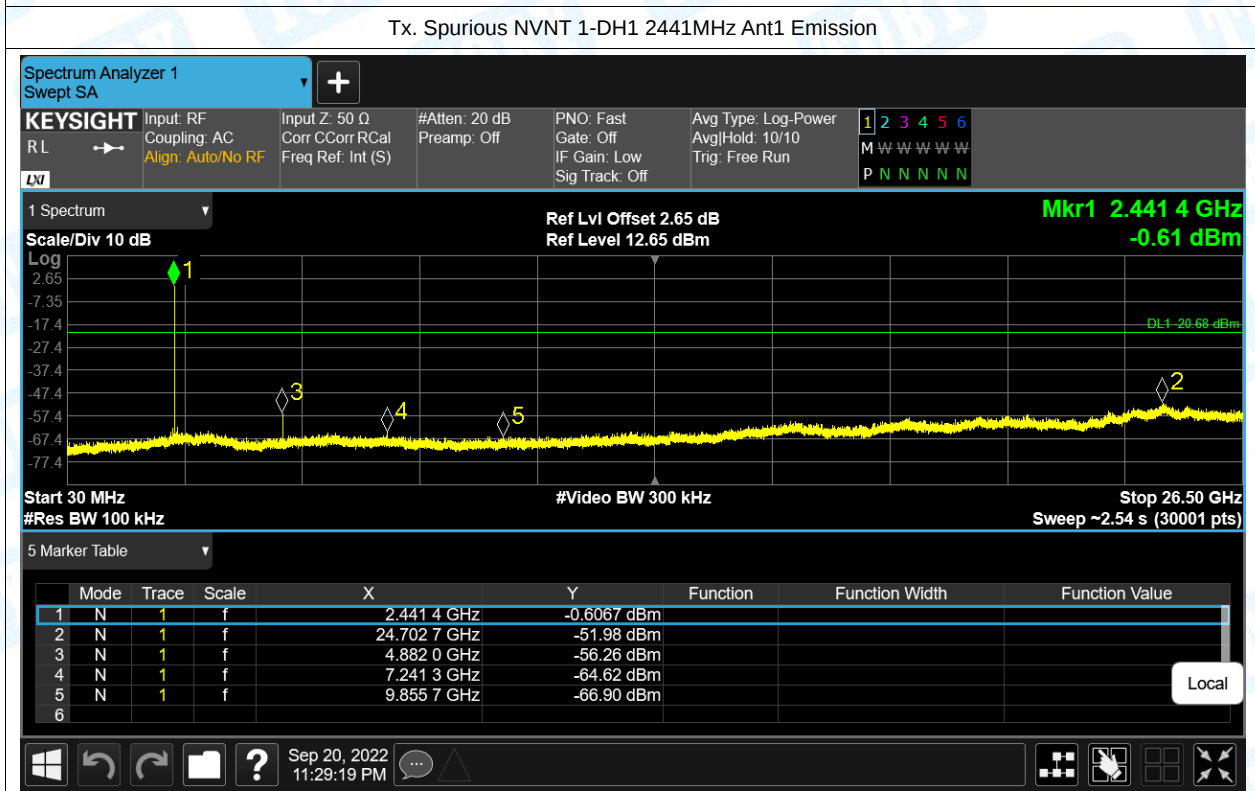
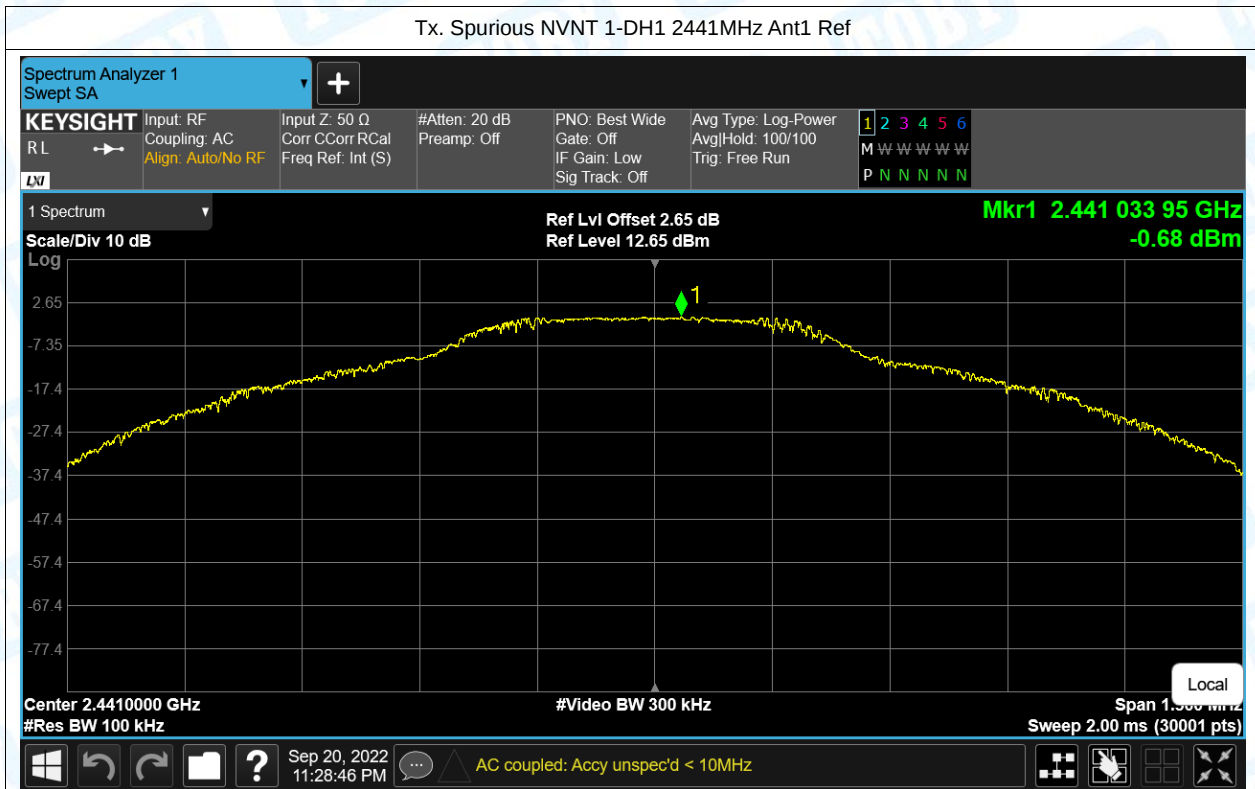


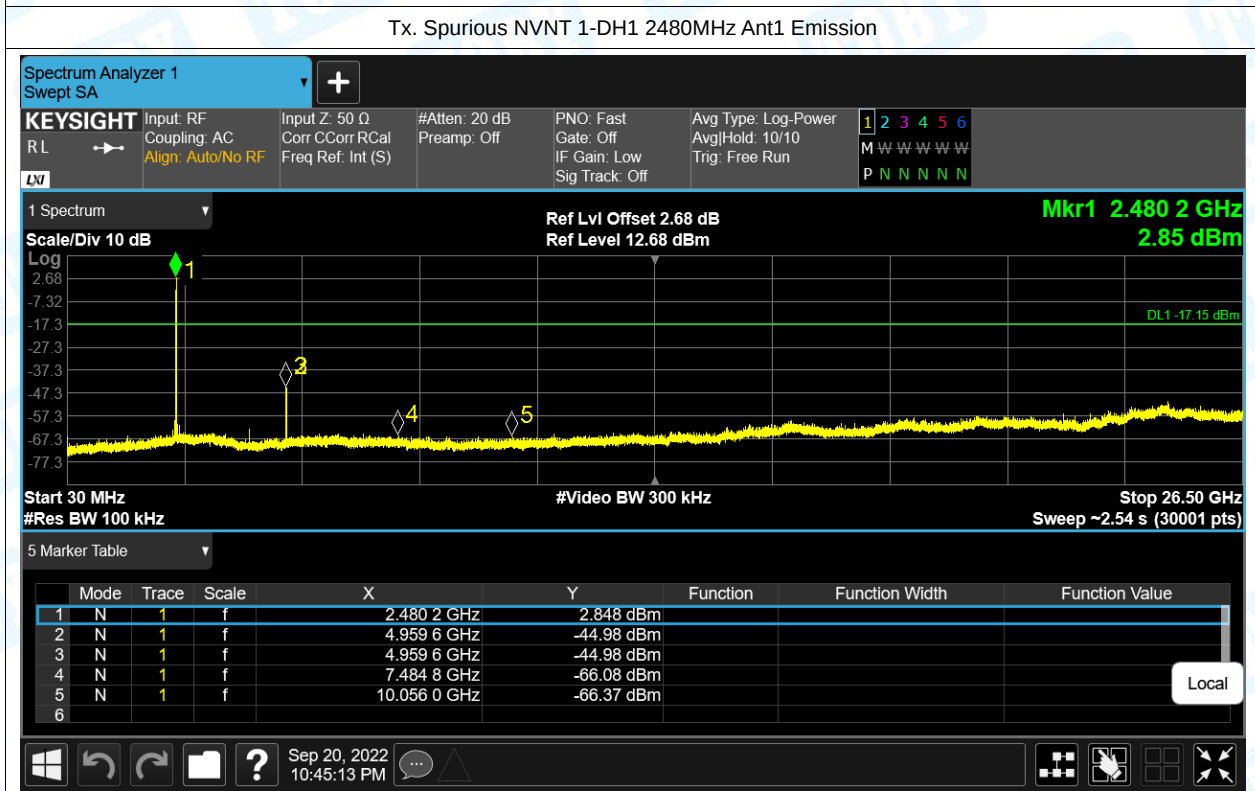
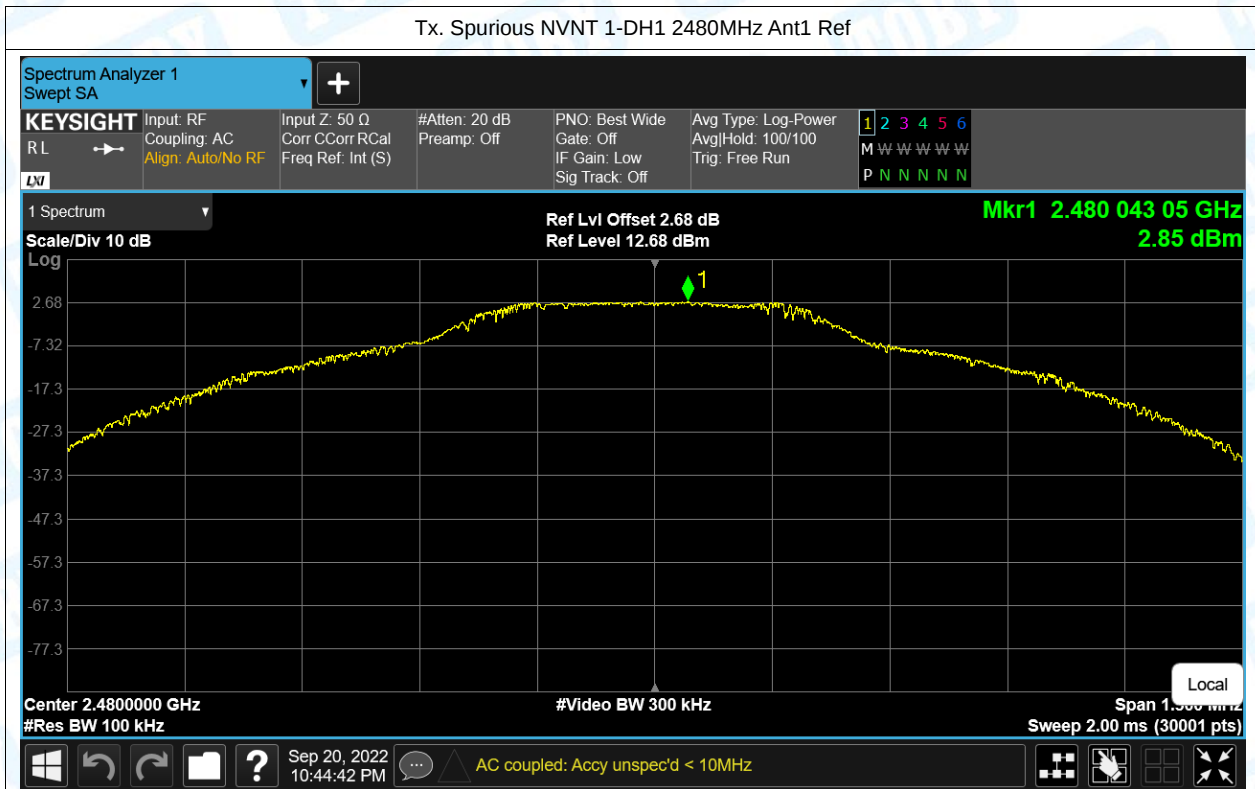


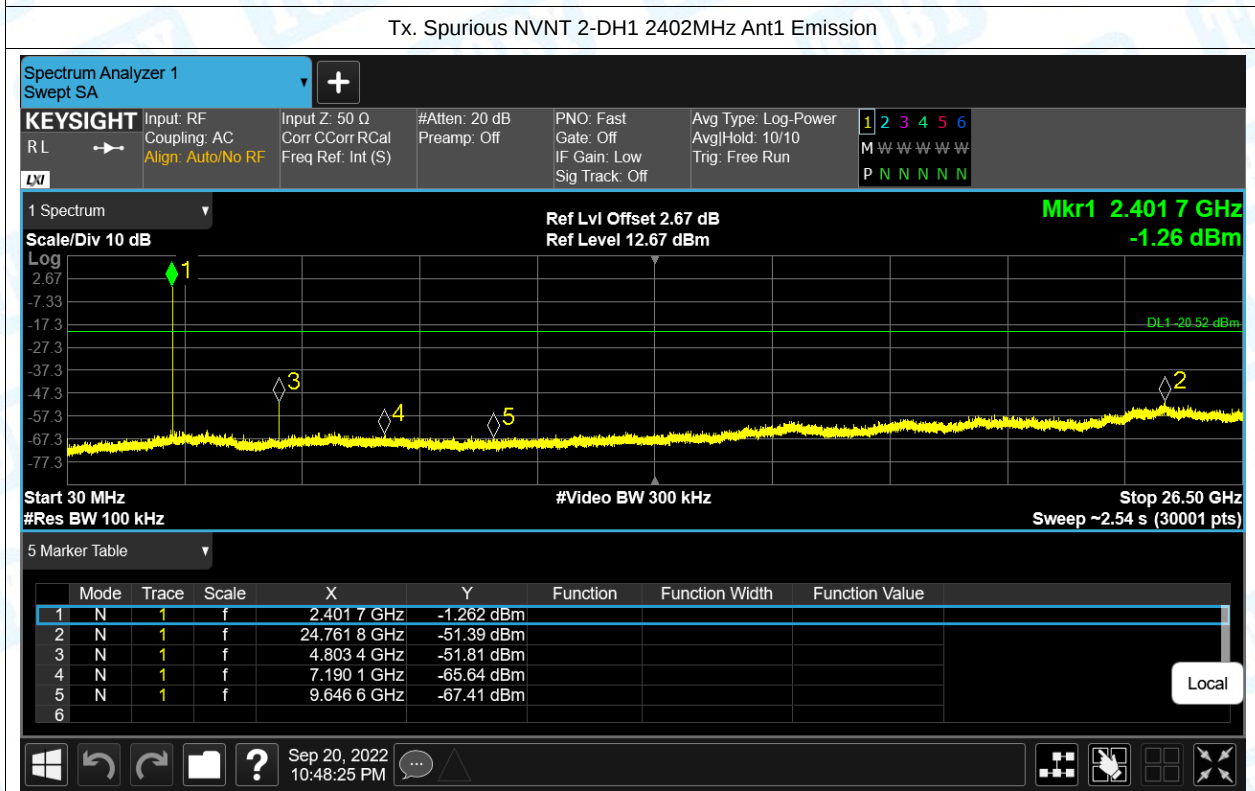
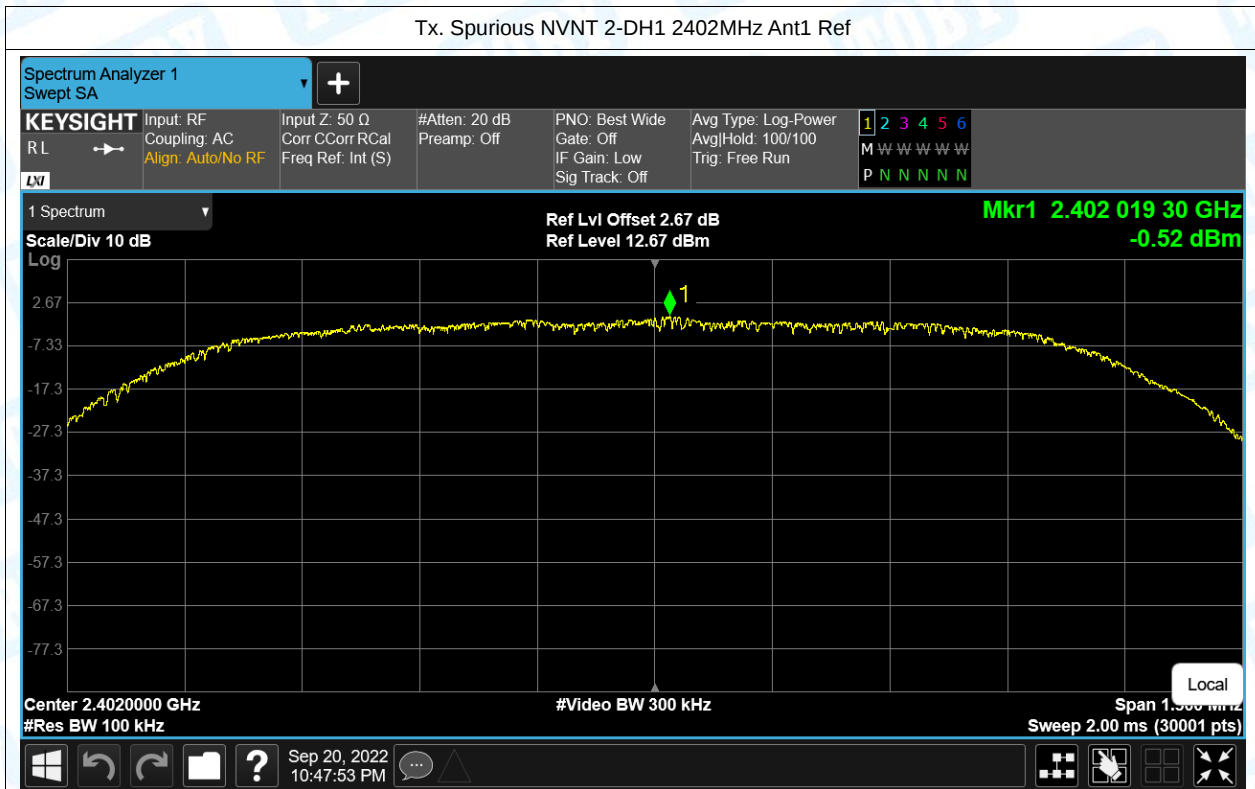
7. Conducted RF Spurious Emission

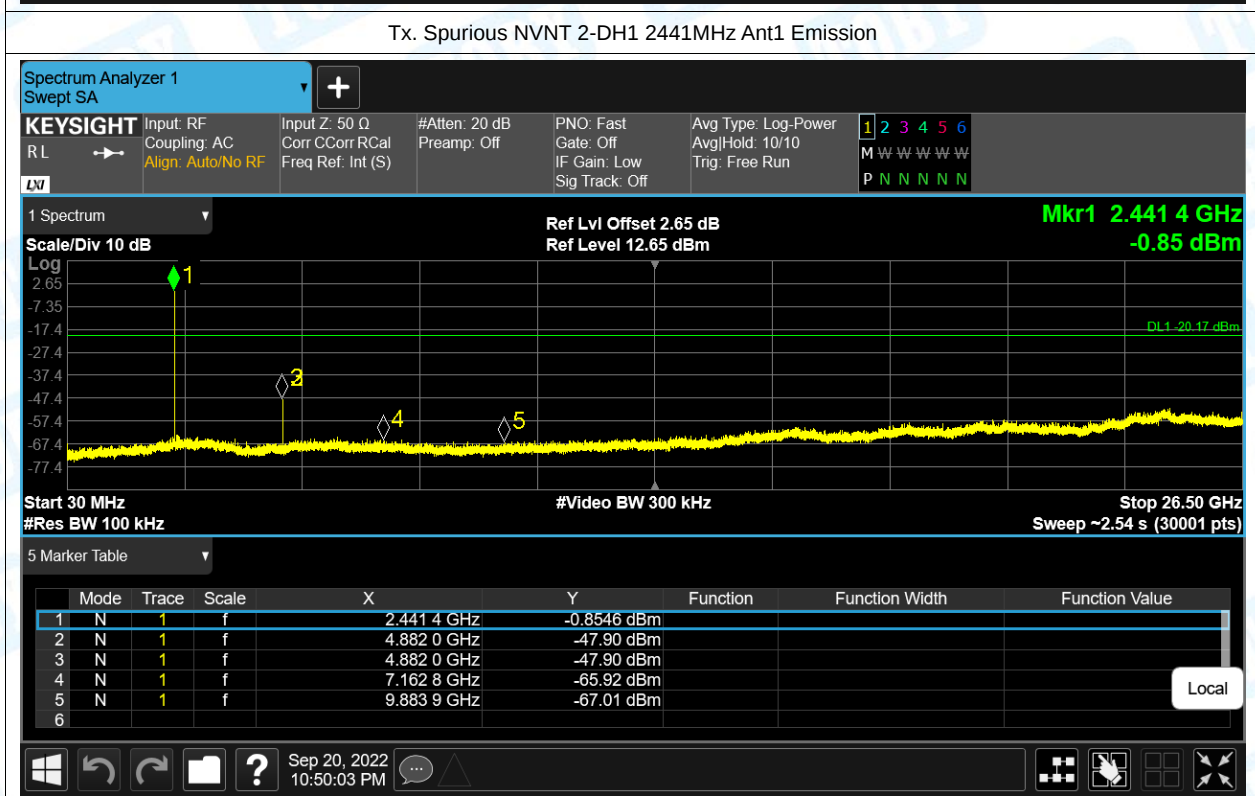
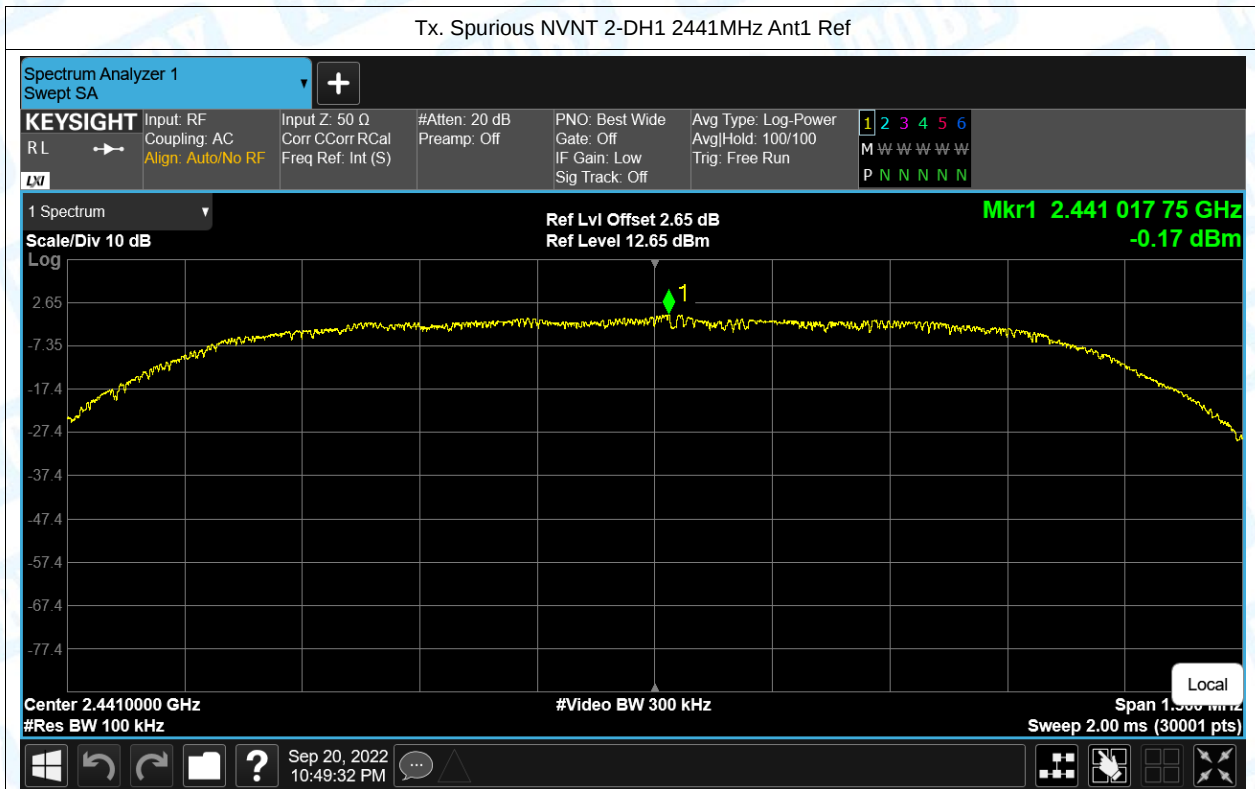
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-49.12	-20	Pass
NVNT	1-DH1	2441	Ant1	-51.3	-20	Pass
NVNT	1-DH1	2480	Ant1	-47.83	-20	Pass
NVNT	2-DH1	2402	Ant1	-50.87	-20	Pass
NVNT	2-DH1	2441	Ant1	-47.73	-20	Pass
NVNT	2-DH1	2480	Ant1	-48.86	-20	Pass
NVNT	3-DH1	2402	Ant1	-49.86	-20	Pass
NVNT	3-DH1	2441	Ant1	-49.54	-20	Pass
NVNT	3-DH1	2480	Ant1	-48.9	-20	Pass



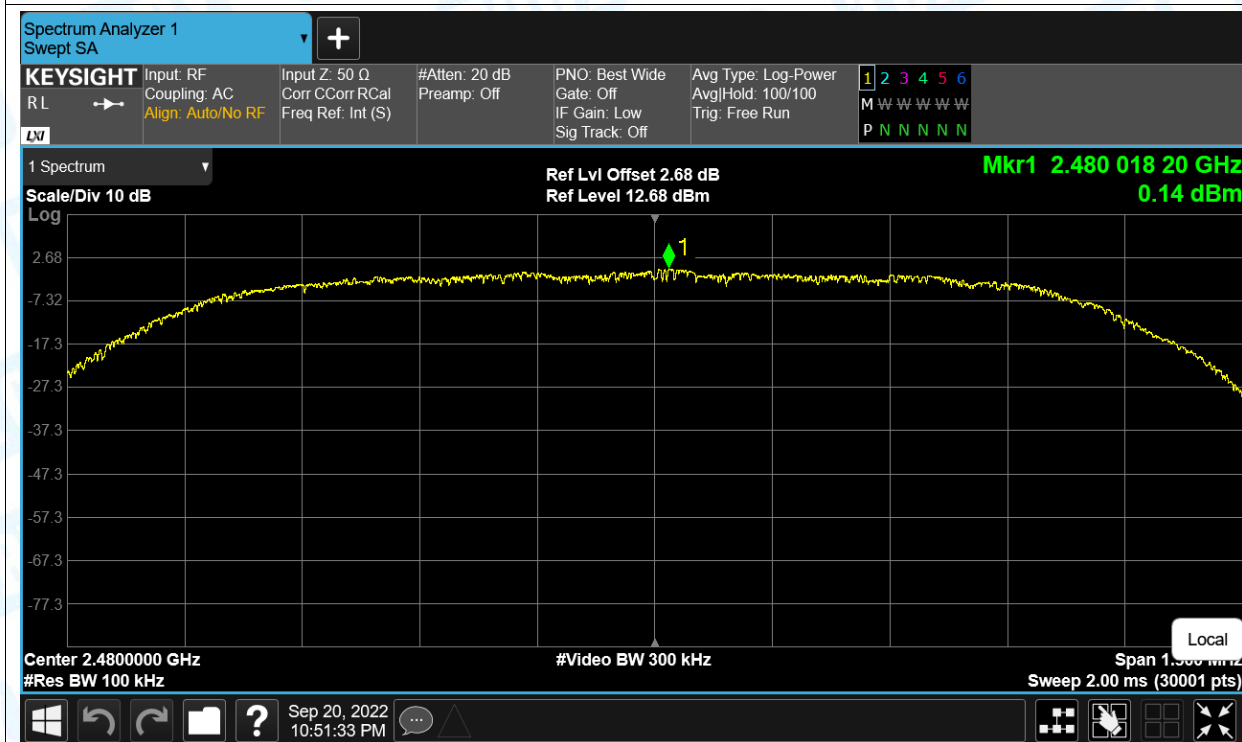




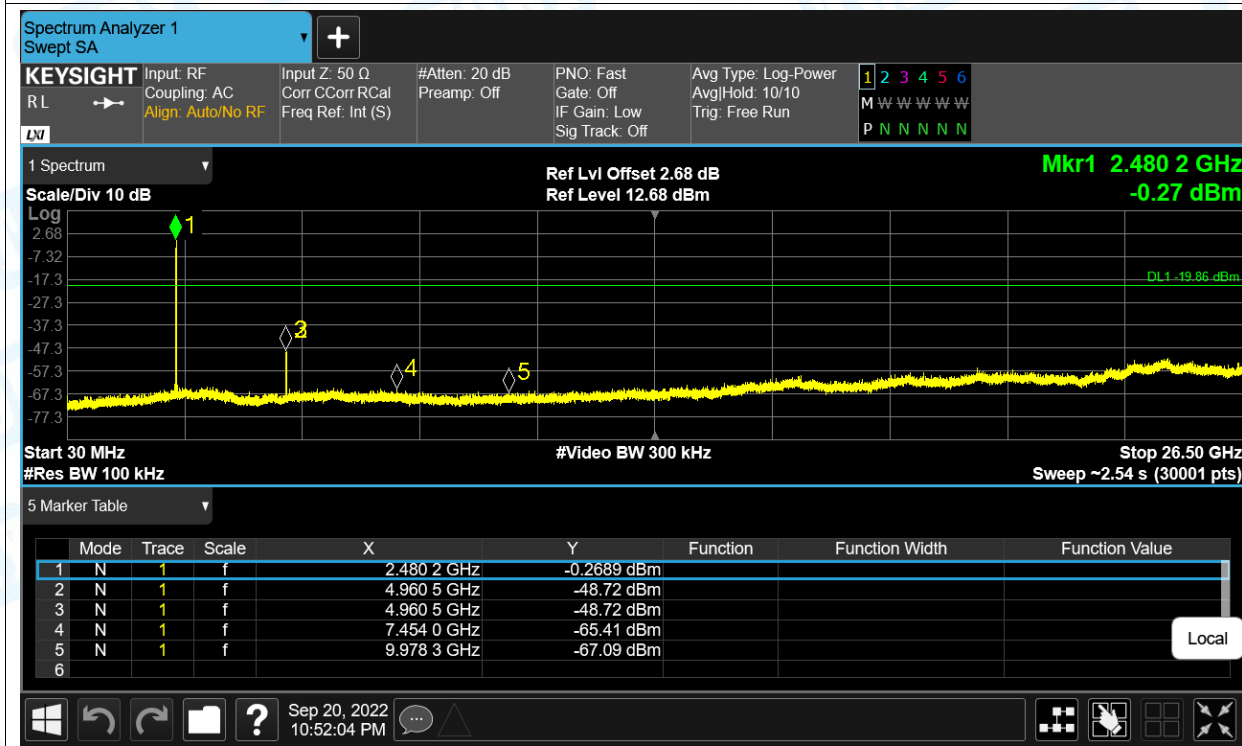


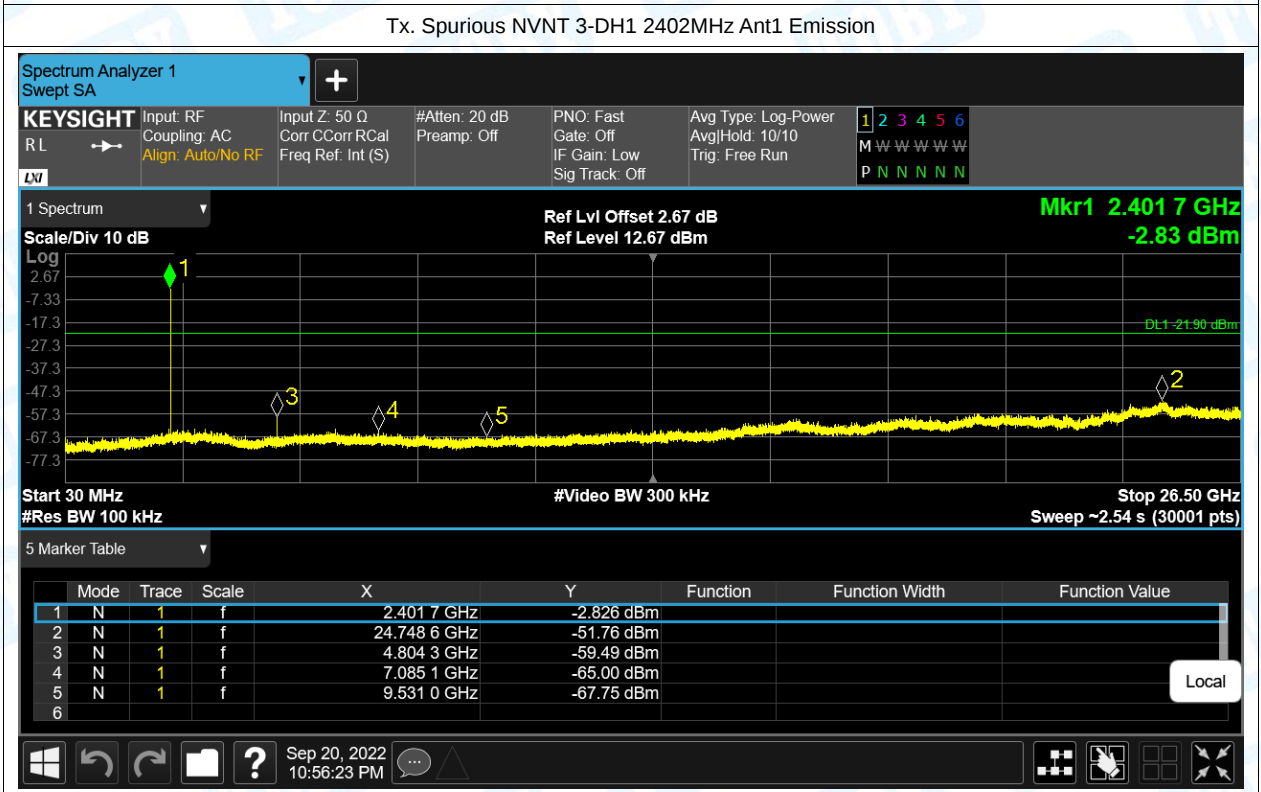
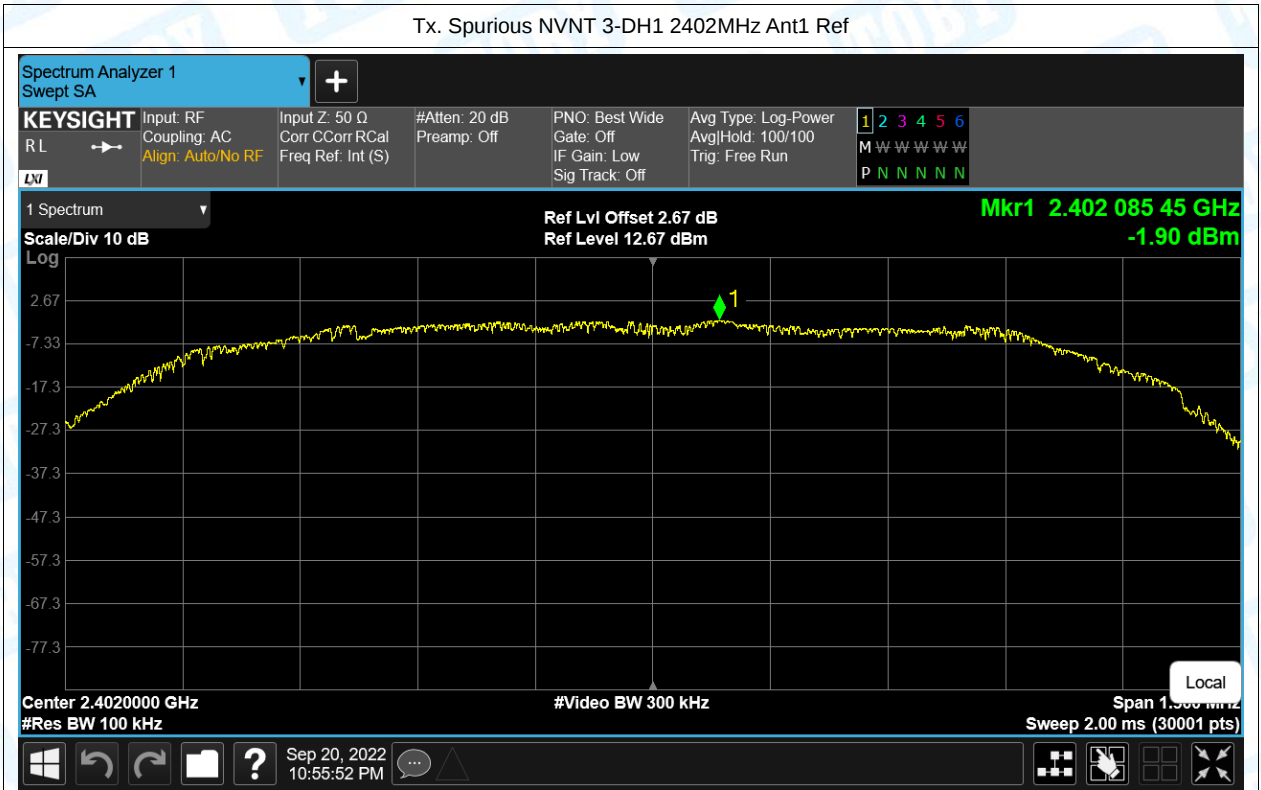


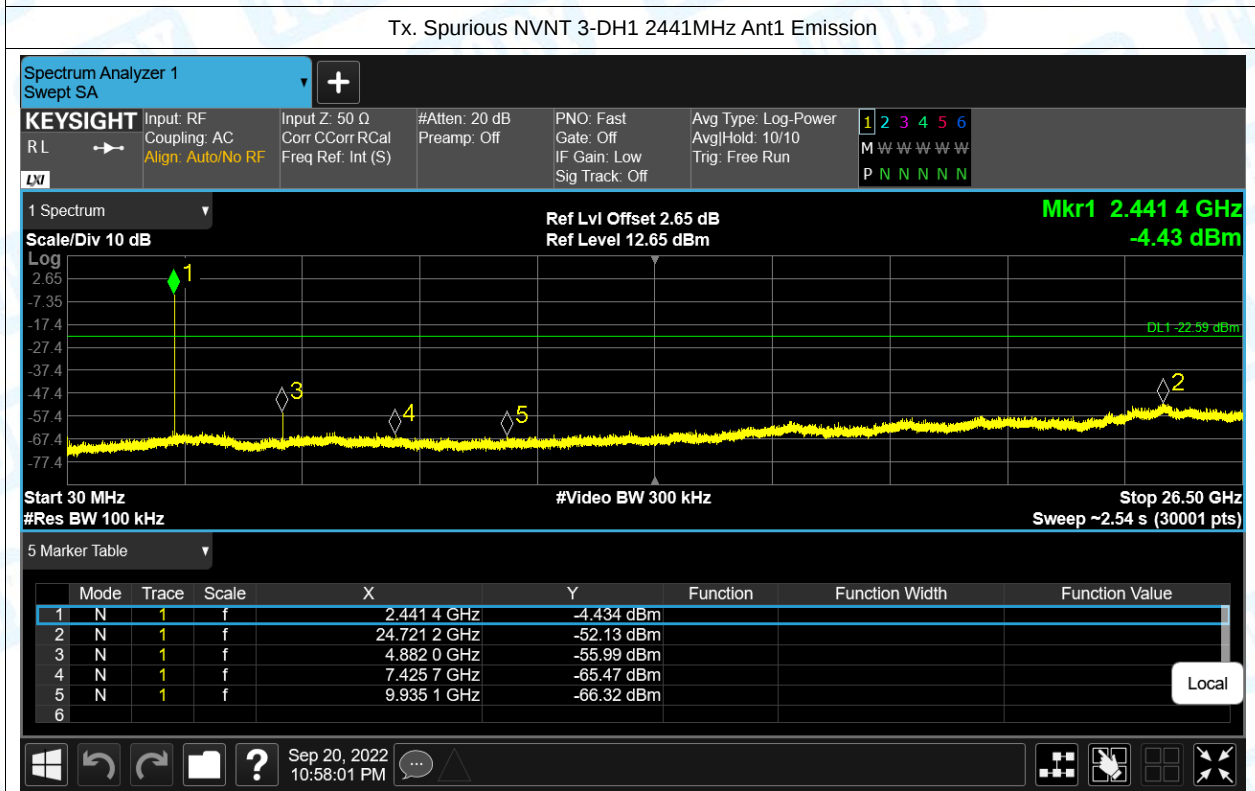
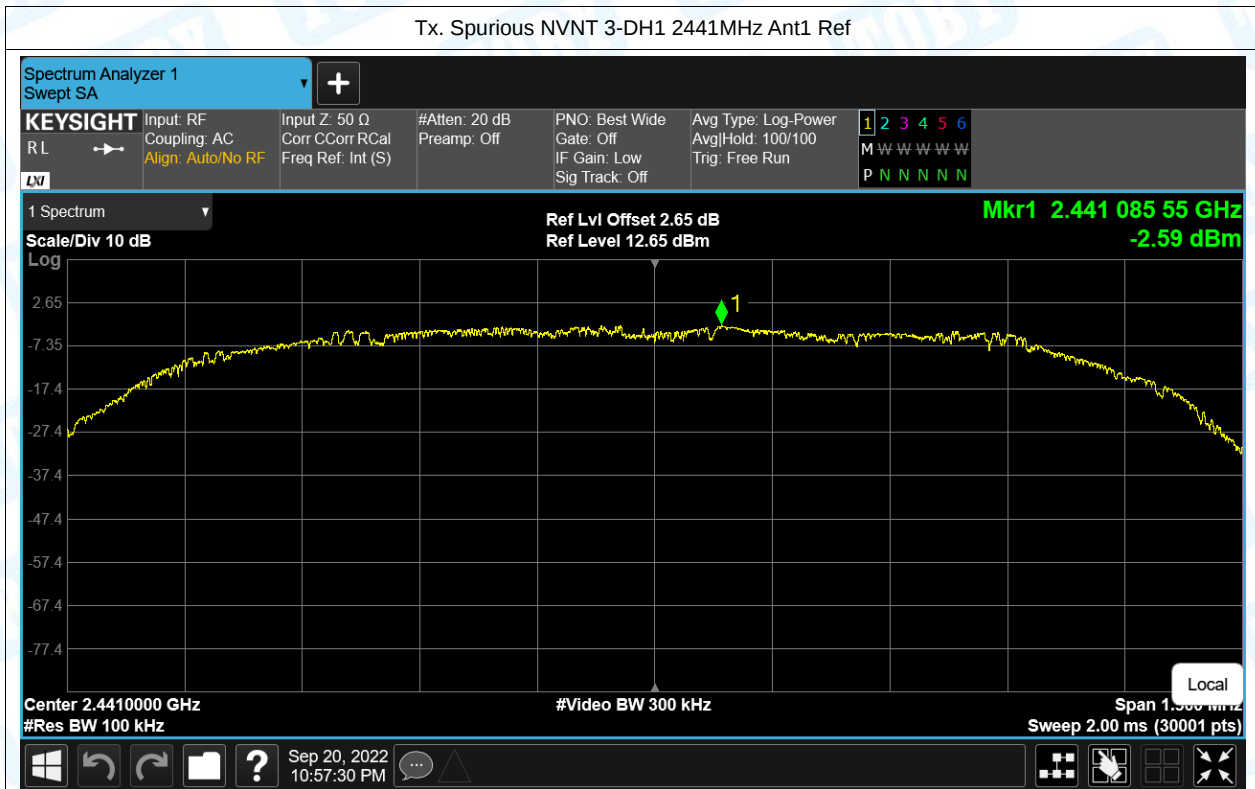
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref

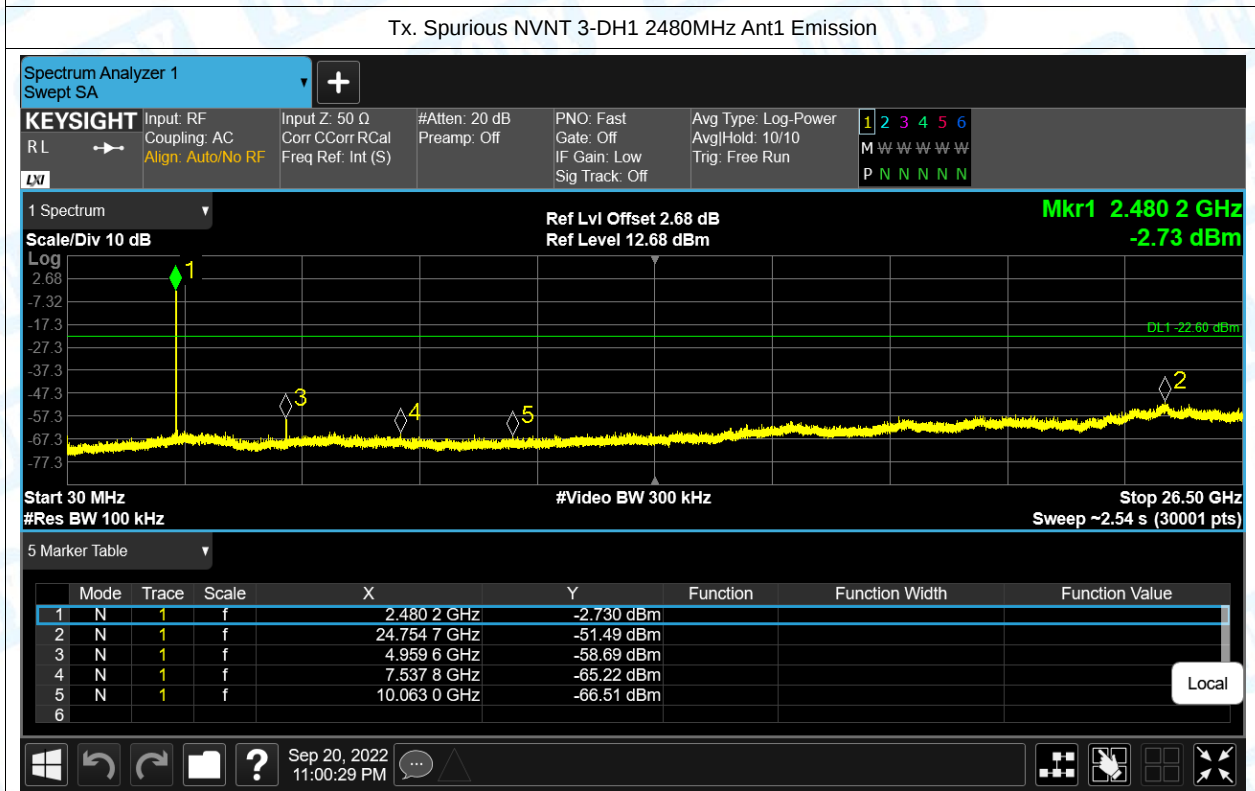
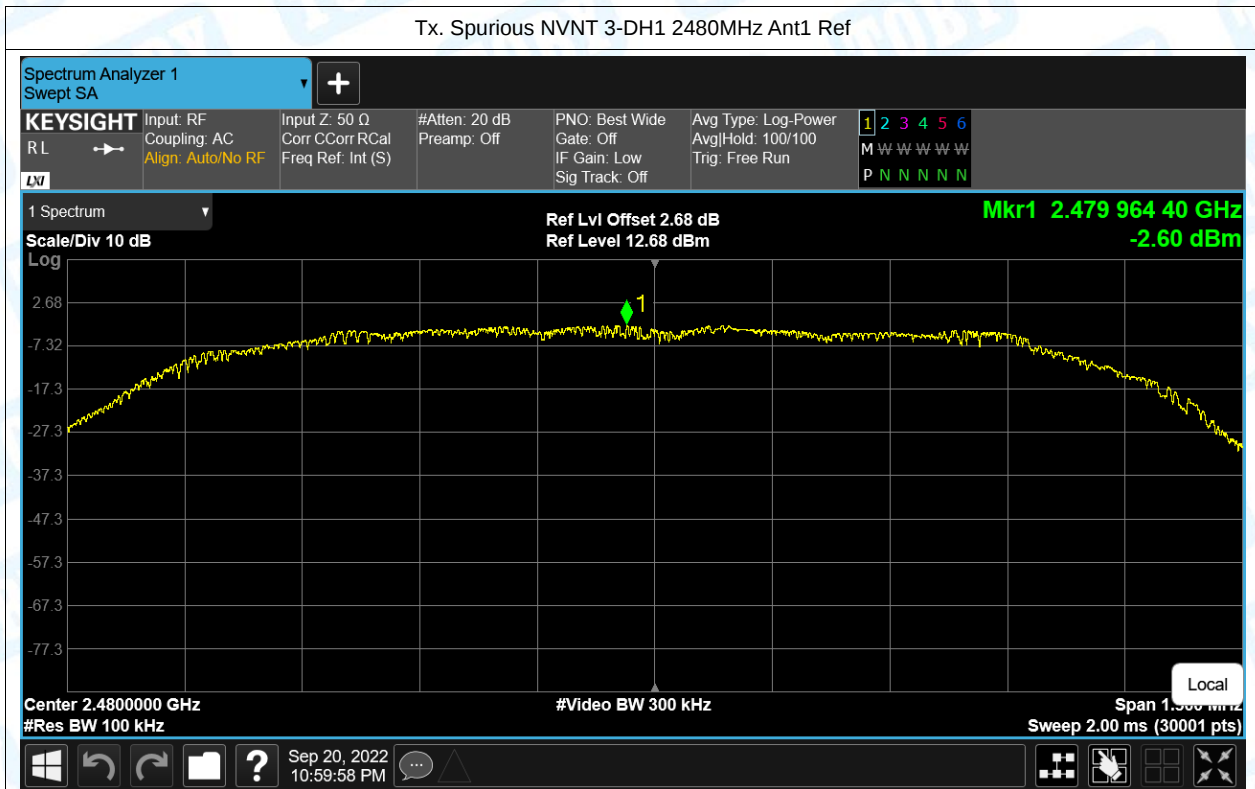


Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission







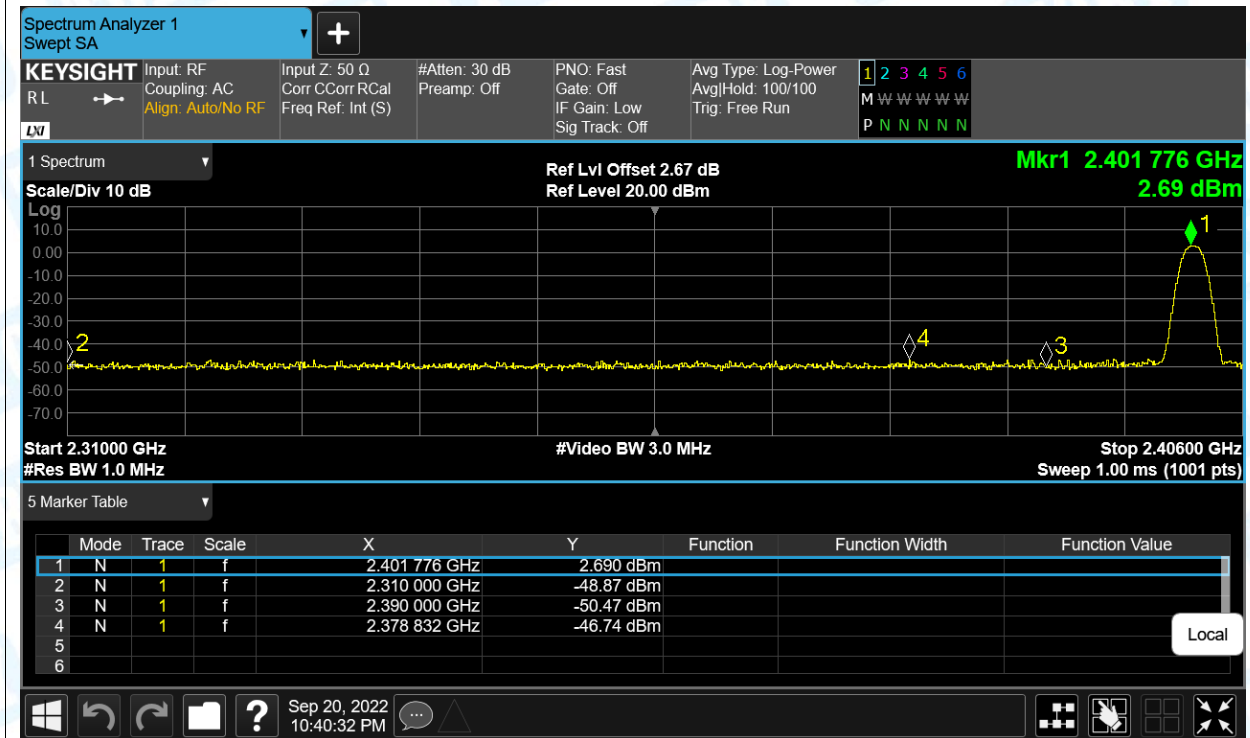


8. Restrict Band

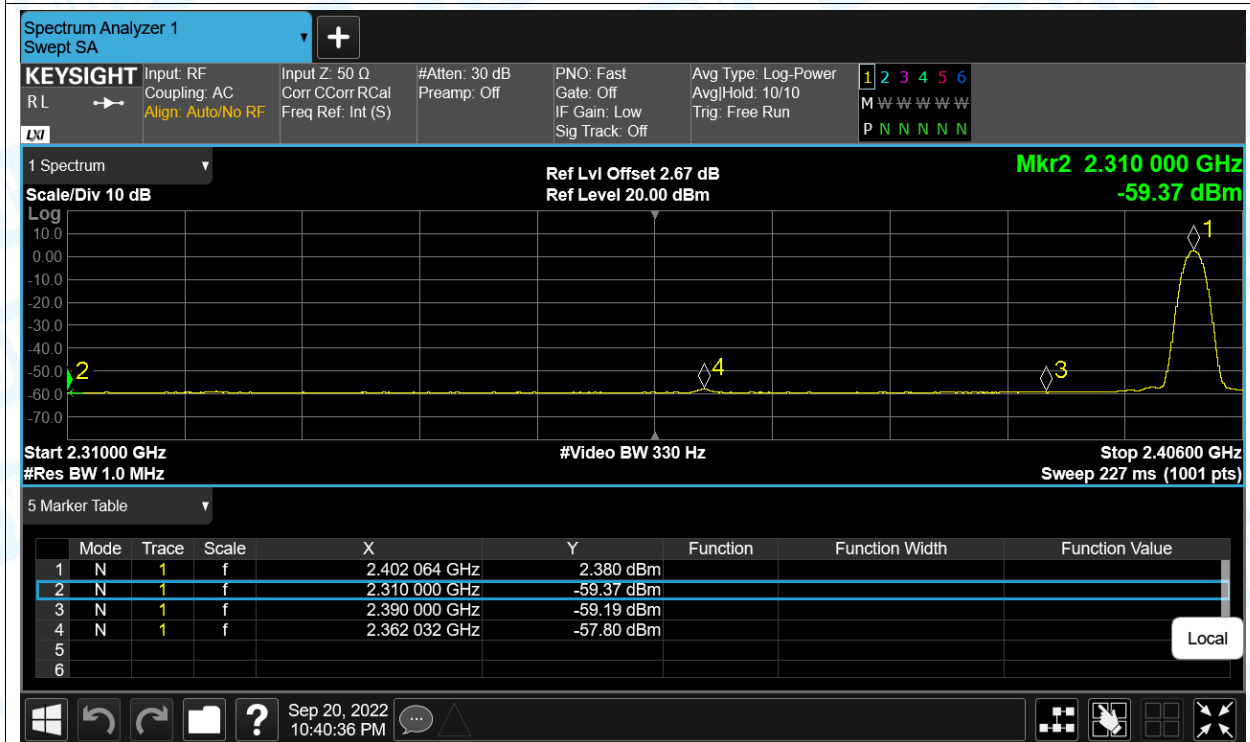
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-48.87	2	48.39	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2310	-59.37	2	37.89	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2378.832	-46.74	2	50.52	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2362.032	-57.8	2	39.46	Average	54	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-50.19	2	47.07	Peak	74	Pass
NVNT	1-DH1	2402	Ant1	No-Hopping	2390	-59.29	2	37.97	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-48.65	2	48.61	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.5	-57.53	2	39.73	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.848	-46.01	2	51.25	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2483.512	-57.53	2	39.73	Average	54	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-49.94	2	47.32	Peak	74	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	2500	-59.04	2	38.22	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-50.35	2	46.91	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2310	-59.7	2	37.56	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2383.824	-45.37	2	51.89	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2362.032	-58.99	2	38.27	Average	54	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-49.19	2	48.07	Peak	74	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	2390	-59.51	2	37.75	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-48.91	2	48.35	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.5	-57.78	2	39.48	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2498.584	-45.18	2	52.08	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2483.512	-57.78	2	39.48	Average	54	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-48.18	2	49.08	Peak	74	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	2500	-59.2	2	38.06	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-50	2	47.26	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2310	-59.43	2	37.83	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2337.84	-46.71	2	50.55	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2362.128	-58.49	2	38.77	Average	54	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-46.35	2	50.91	Peak	74	Pass
NVNT	3-DH1	2402	Ant1	No-Hopping	2390	-59.34	2	37.92	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-48.07	2	49.19	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.5	-58.42	2	38.84	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.584	-46.66	2	50.6	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2483.776	-58.41	2	38.85	Average	54	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-49.06	2	48.2	Peak	74	Pass
NVNT	3-DH1	2480	Ant1	No-Hopping	2500	-59.17	2	38.09	Average	54	Pass

Test Graphs

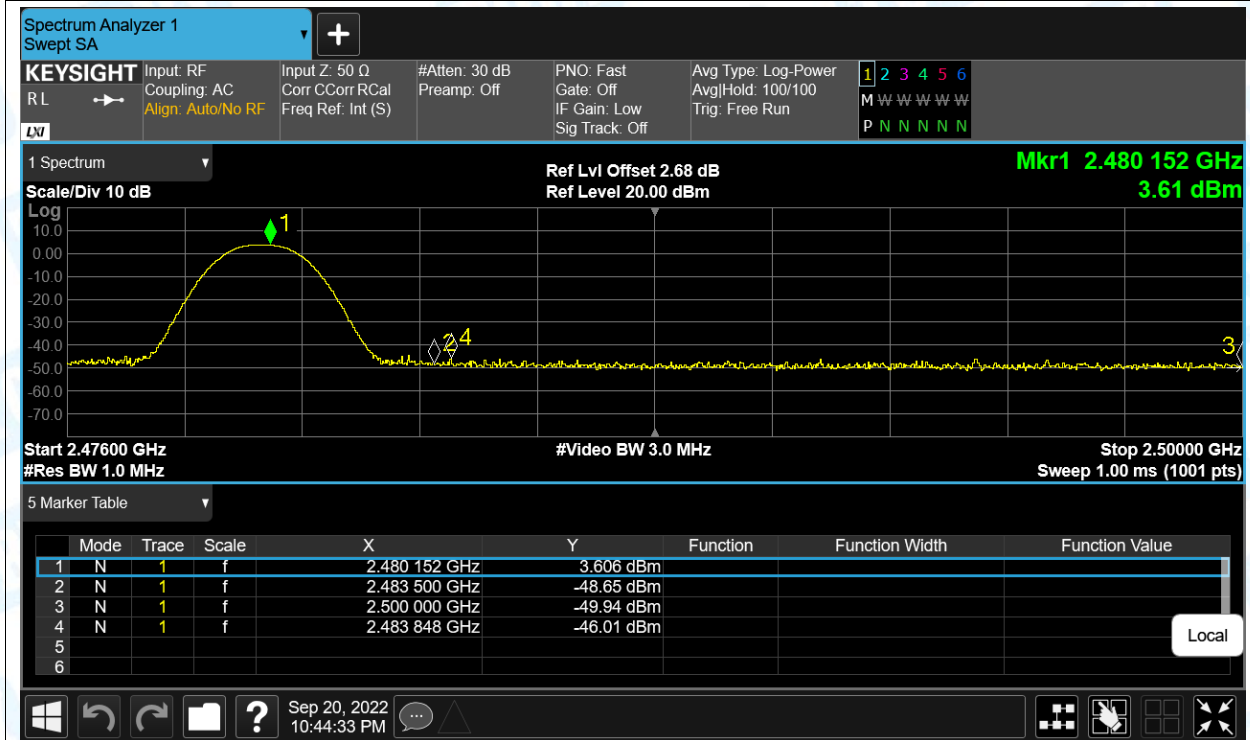
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Peak



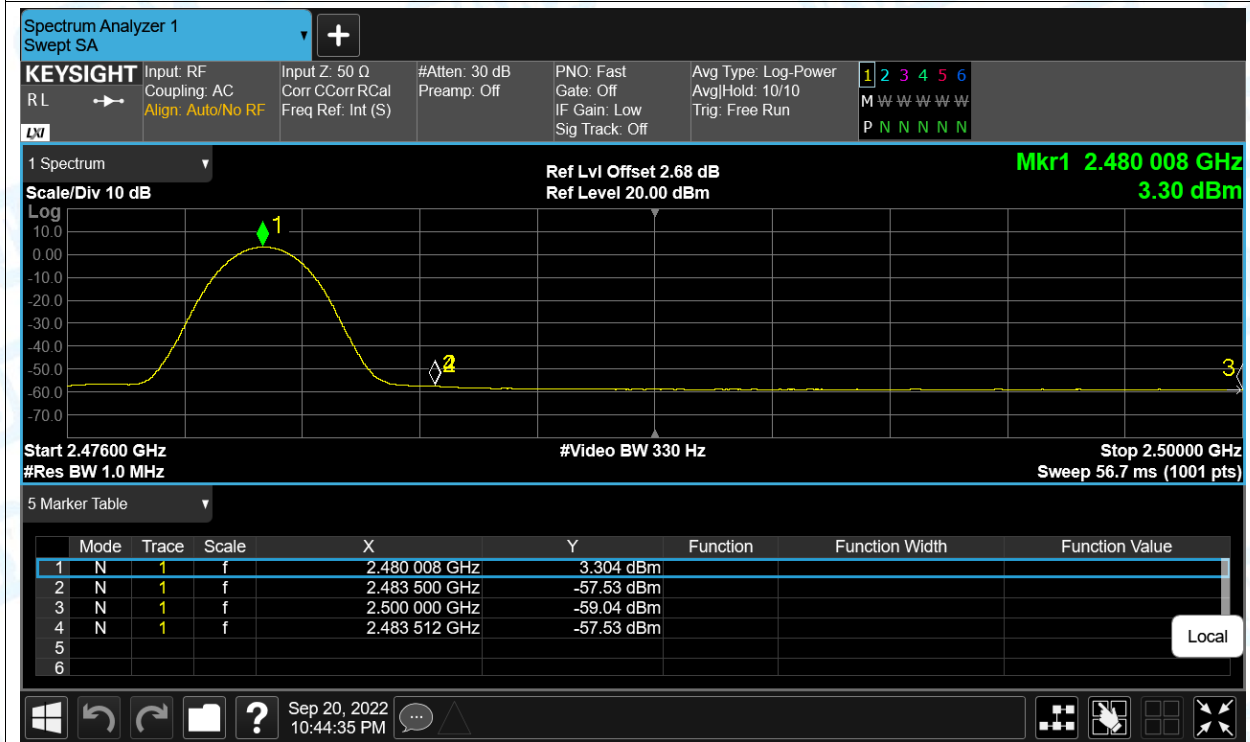
Restrict Band NVNT 1-DH1 2402MHz Ant1 No-Hopping Average

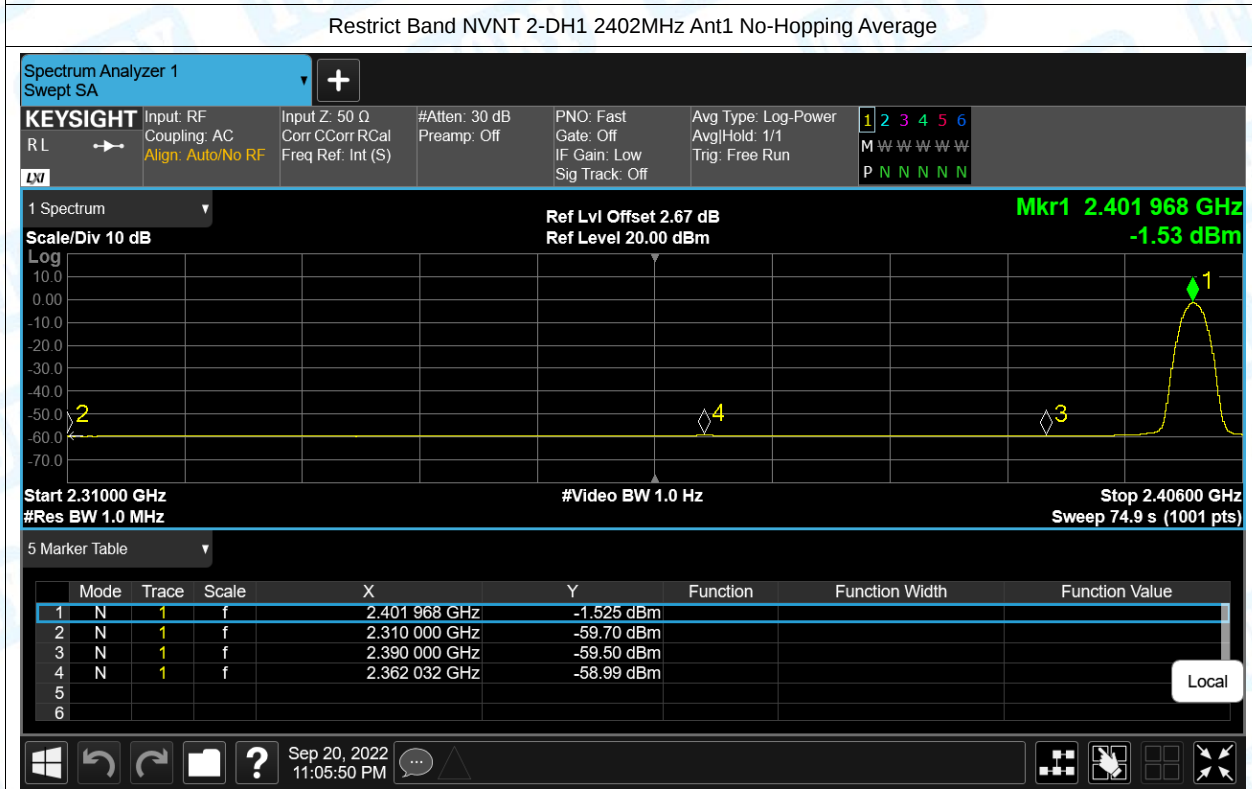
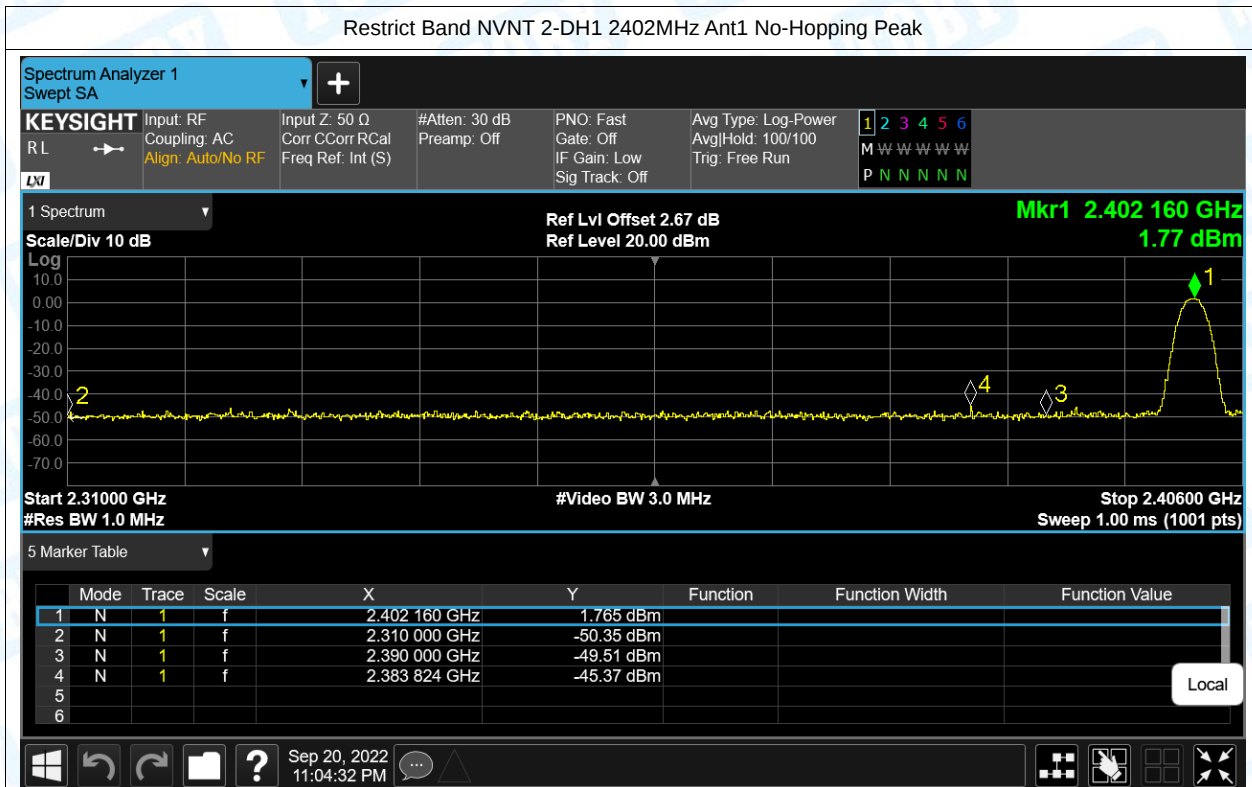


Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Peak

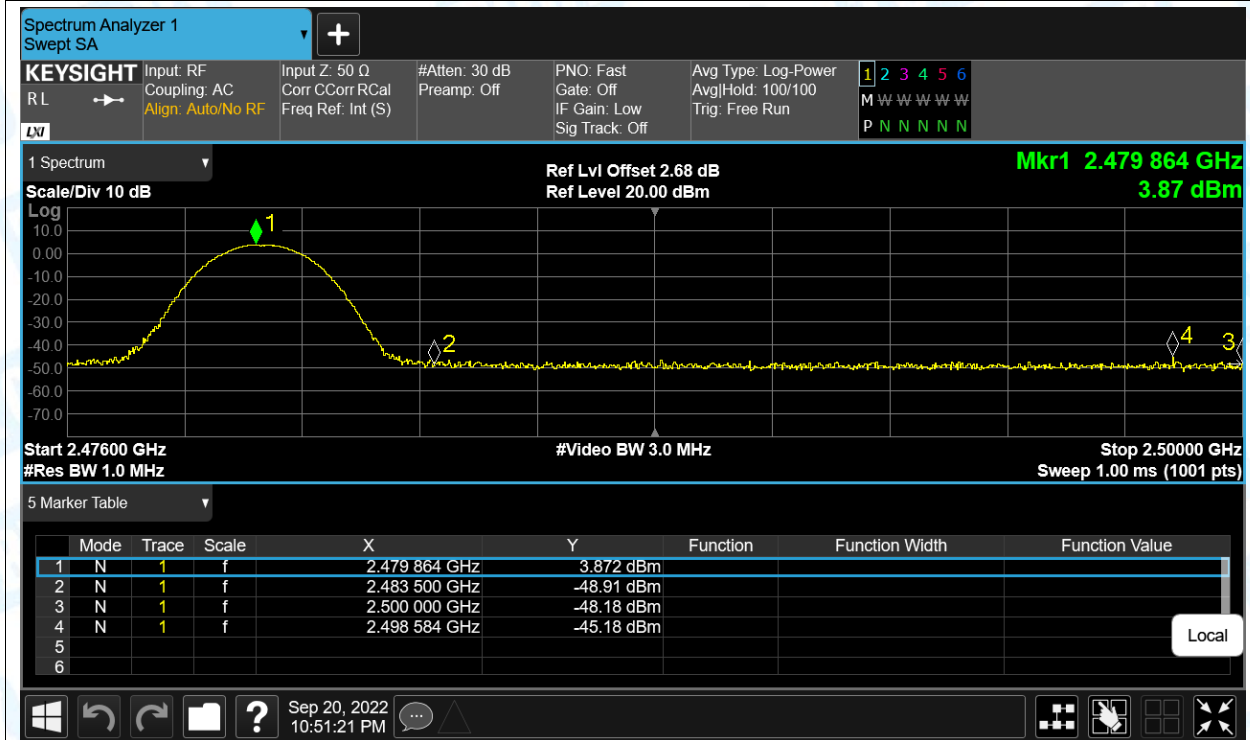


Restrict Band NVNT 1-DH1 2480MHz Ant1 No-Hopping Average

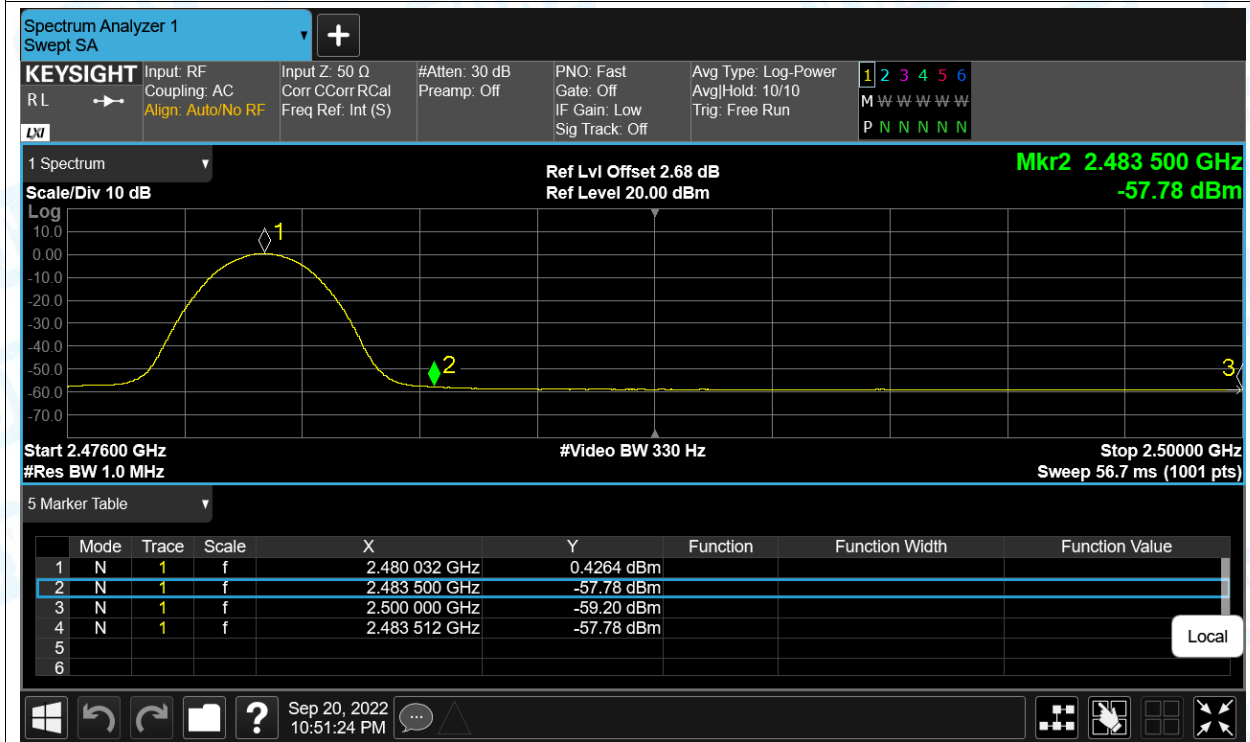




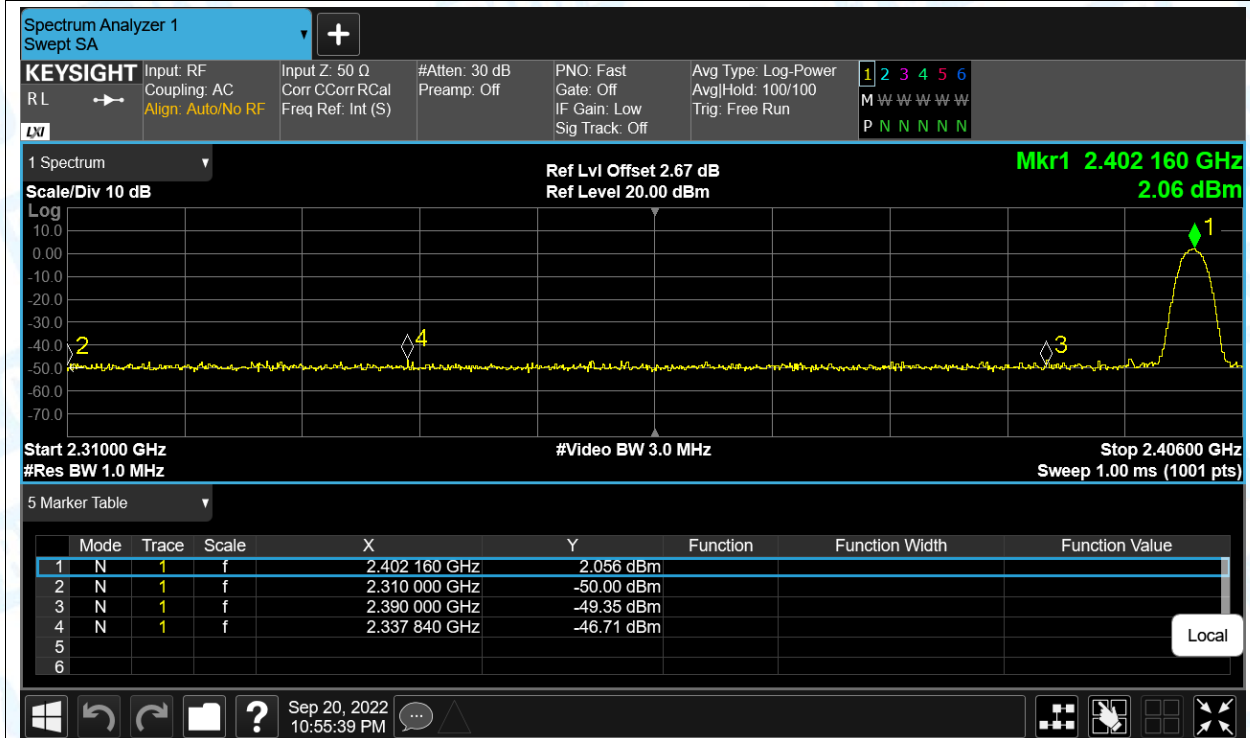
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Peak



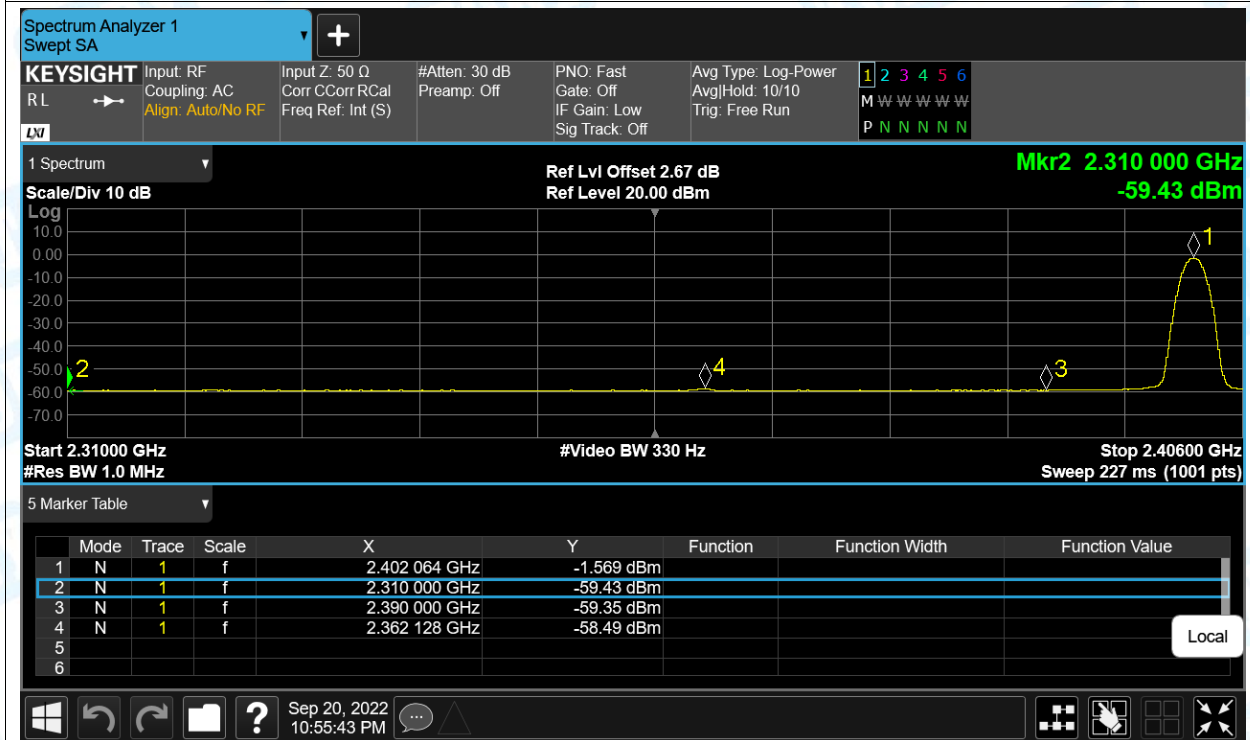
Restrict Band NVNT 2-DH1 2480MHz Ant1 No-Hopping Average

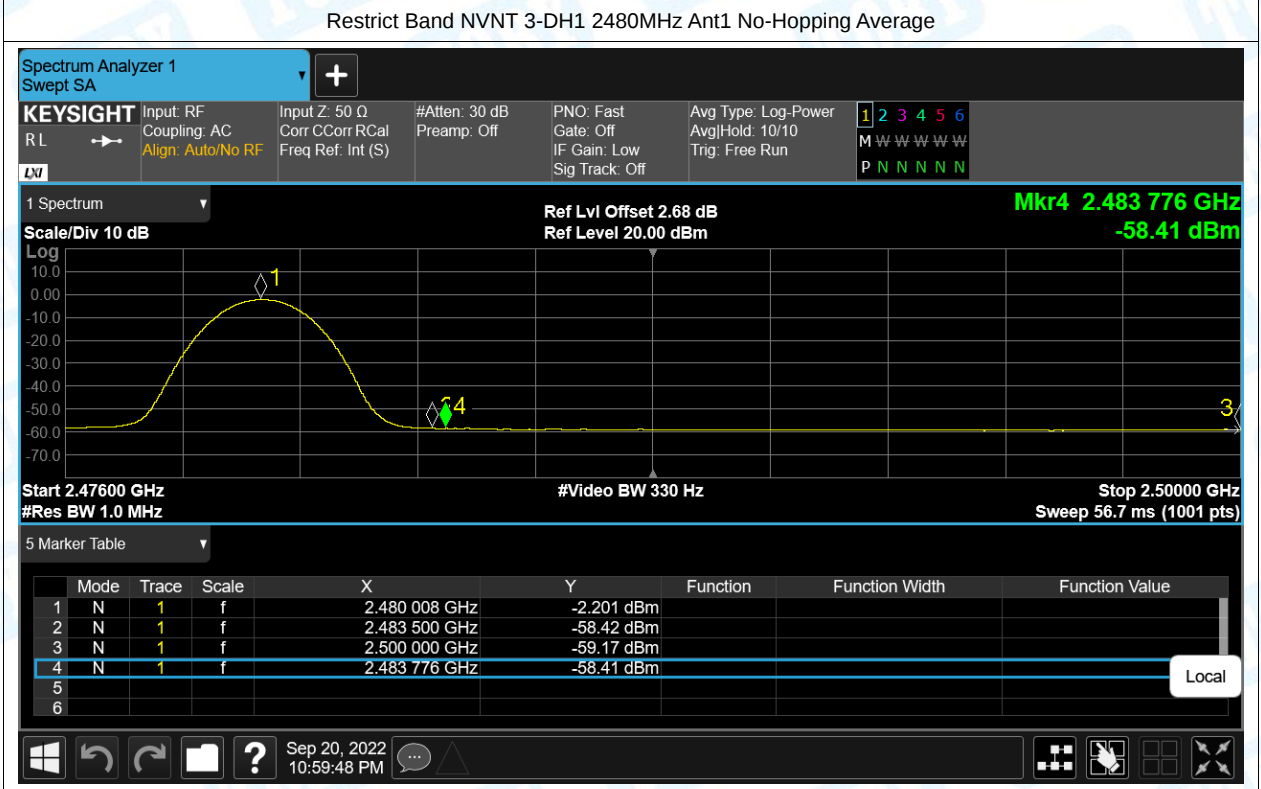
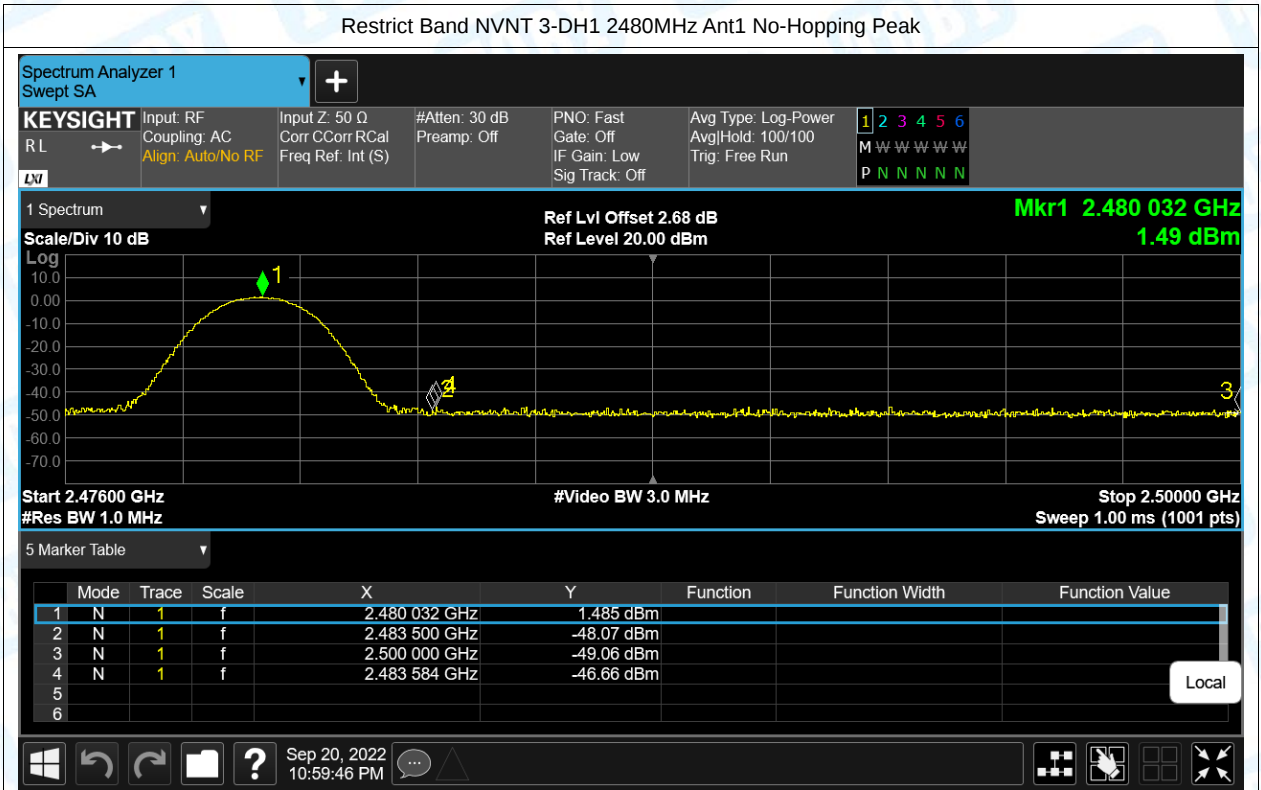


Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Peak



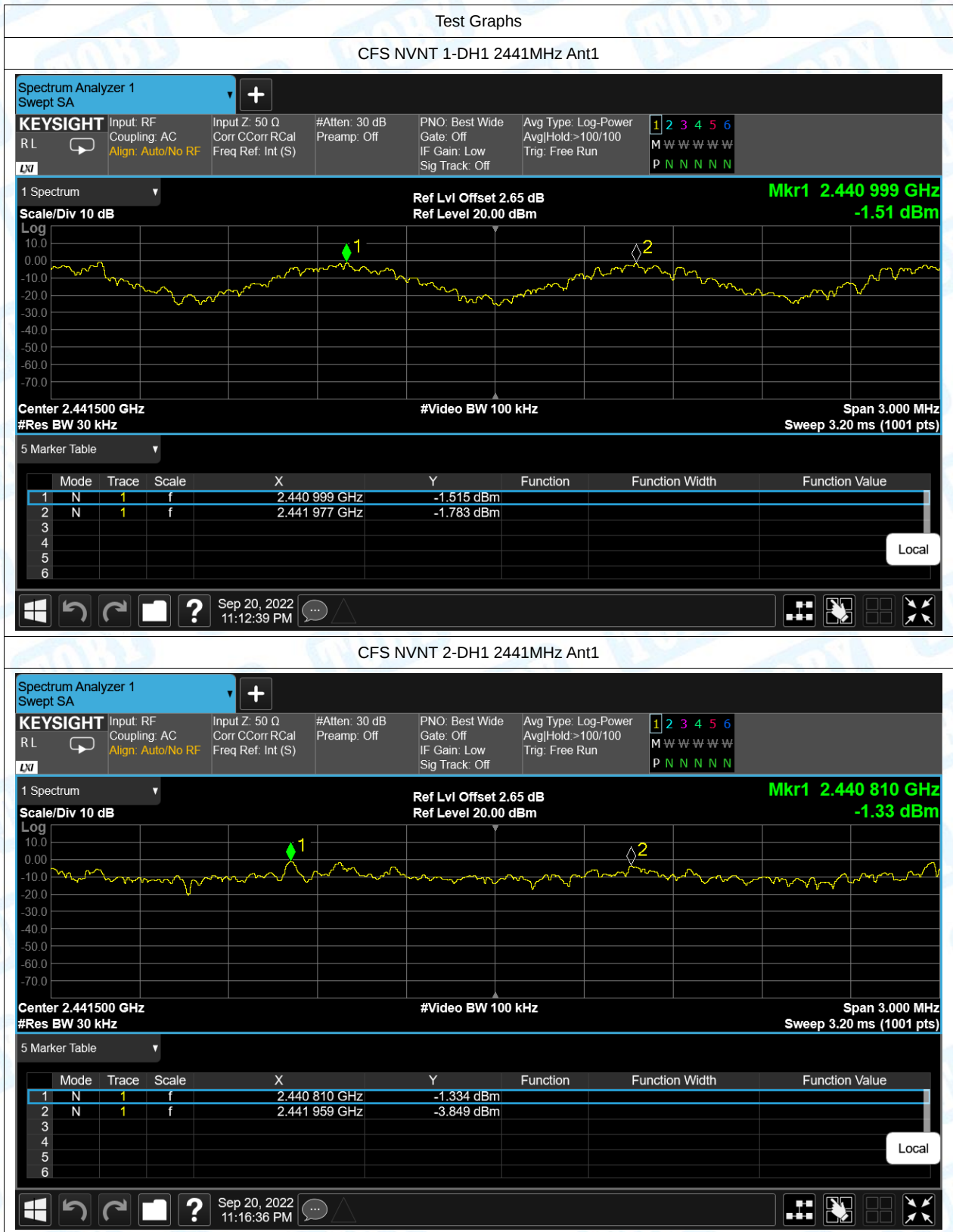
Restrict Band NVNT 3-DH1 2402MHz Ant1 No-Hopping Average





9. Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	Ant1	2440.999	2441.977	0.978	0.633	Pass
NVNT	2-DH1	Ant1	2440.81	2441.959	1.149	0.913	Pass
NVNT	3-DH1	Ant1	2440.972	2441.983	1.011	0.9	Pass



CFS NVNT 2-DH1 2441MHz Ant1

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF
Coupling: AC
Align: Auto/No RF

Input Z: 50 Ω
Corr CCorr RCal
Freq Ref: Int (S)

#Atten: 30 dB
Preamp: Off

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

Avg Type: Log-Power
AvgJHold: >100/100
Trig: Free Run

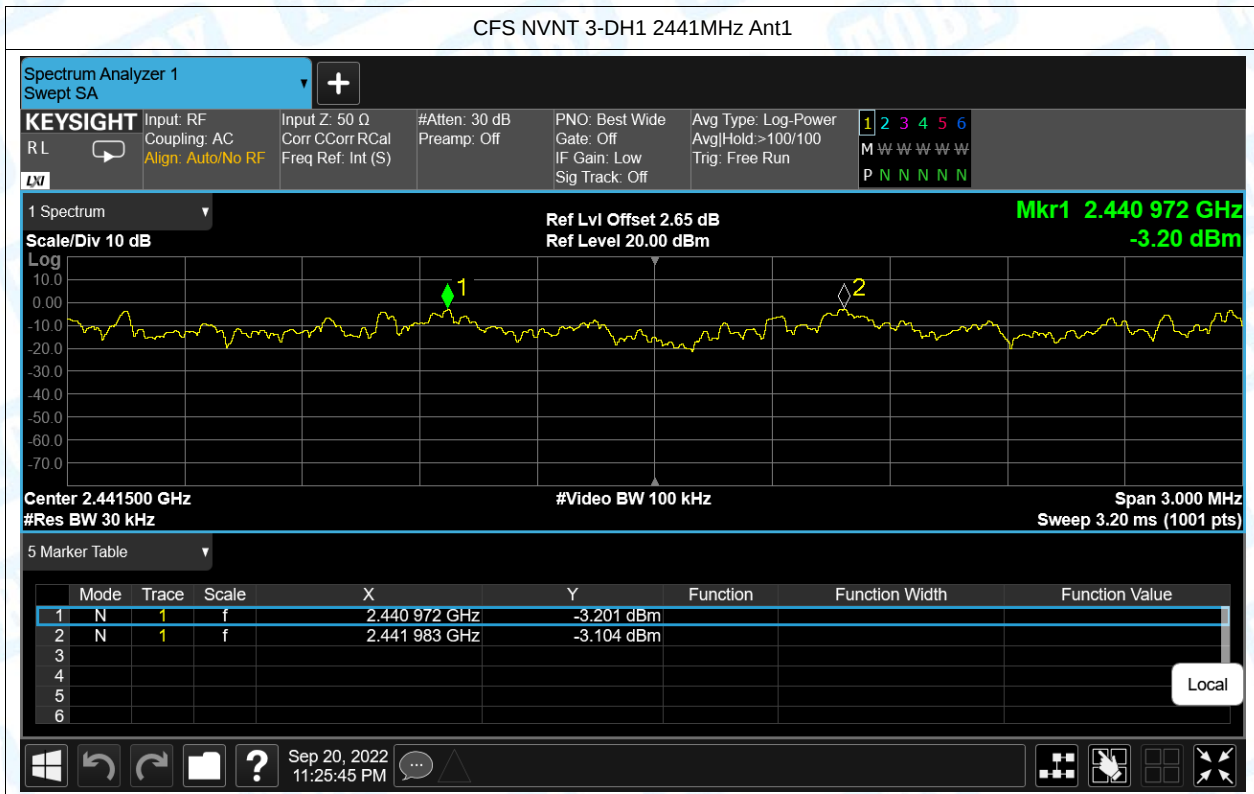
1 2 3 4 5 6
M W W W W W
P N N N N N

1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 2.65 dB
Ref Level 20.00 dBm
Mkr1 2.440 810 GHz
-1.33 dBmCenter 2.441500 GHz
#Res BW 30 kHz
#Video BW 100 kHz
Span 3.000 MHz
Sweep 3.20 ms (1001 pts)

5 Marker Table

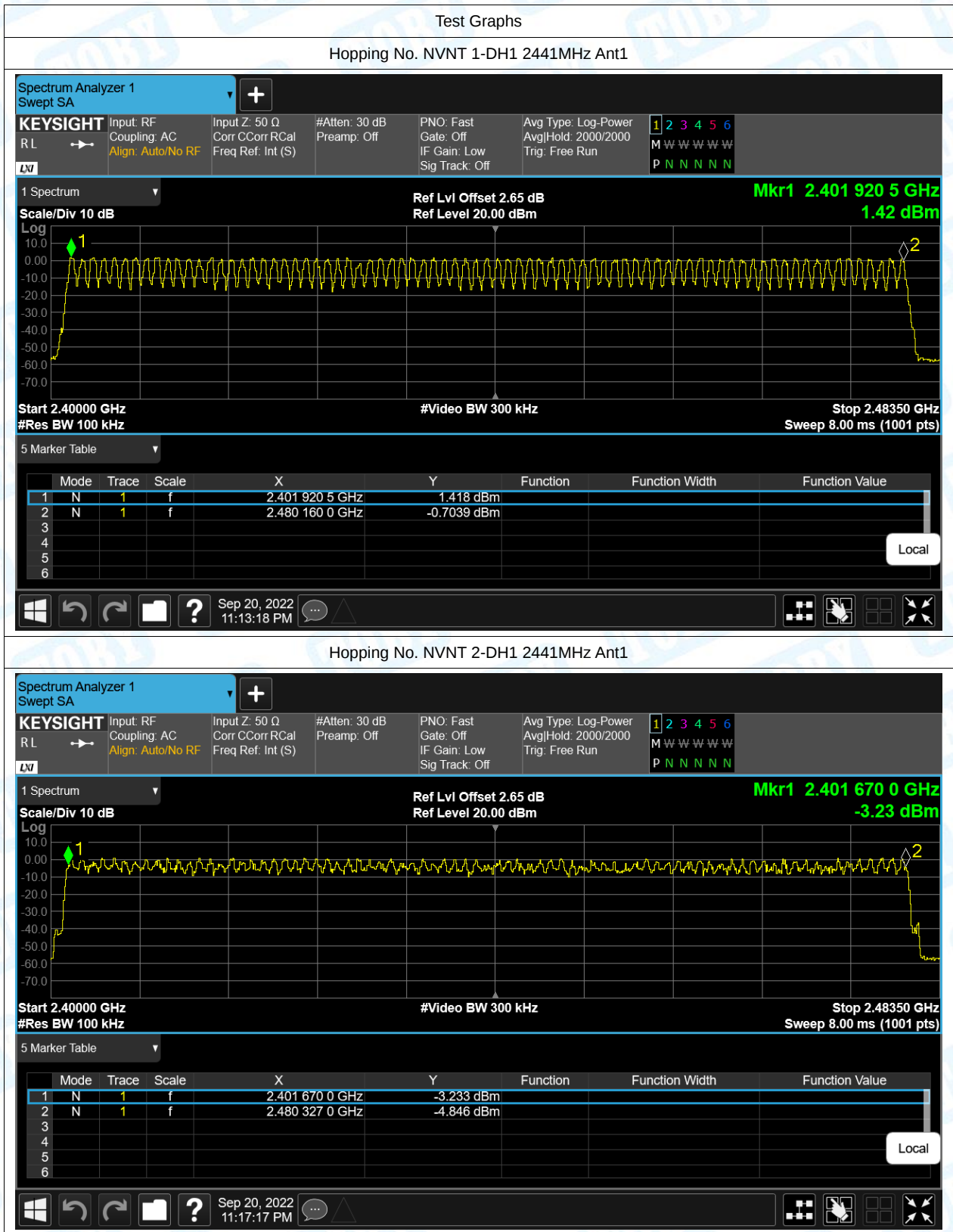
Local

Sep 20, 2022 11:16:36 PM



10. Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass
NVNT	3-DH1	Ant1	79	15	Pass



Hopping No. NVNT 2-DH1 2441MHz Ant1

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF
Coupling: AC
Align: Auto/No RF

Input Z: 50 Ω
Corr CCorr RCal
Freq Ref: Int (S)

#Atten: 30 dB
Preamp: Off

PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off

Avg Type: Log-Power
Avg/Hold: 2000/2000
Trig: Free Run

1 2 3 4 5 6
M W W W W W
P N N N N N

1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 2.65 dB
Ref Level 20.00 dBm
Mkr1 2.401 670 0 GHz
-3.23 dBmStart 2.40000 GHz
#Res BW 100 kHz
#Video BW 300 kHz
Stop 2.48350 GHz
Sweep 8.00 ms (1001 pts)

5 Marker Table

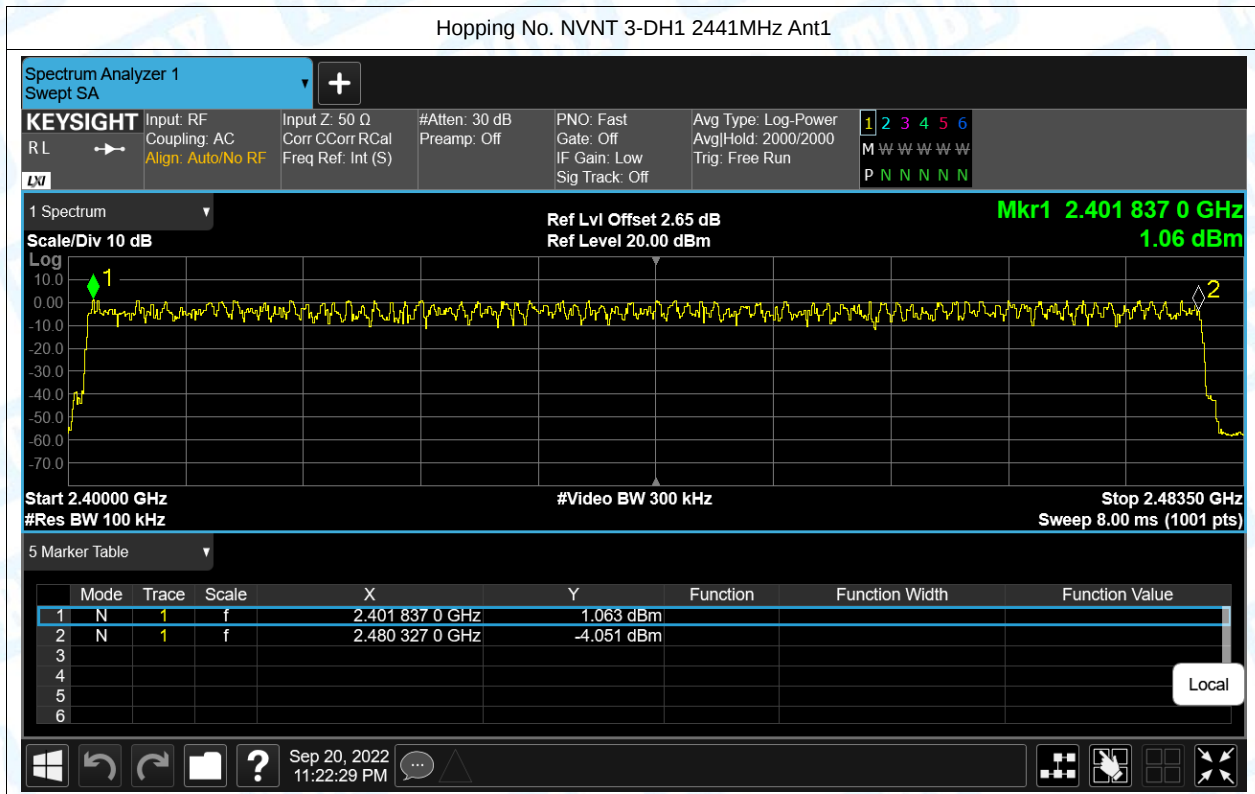
Local

Windows

Navigation icons

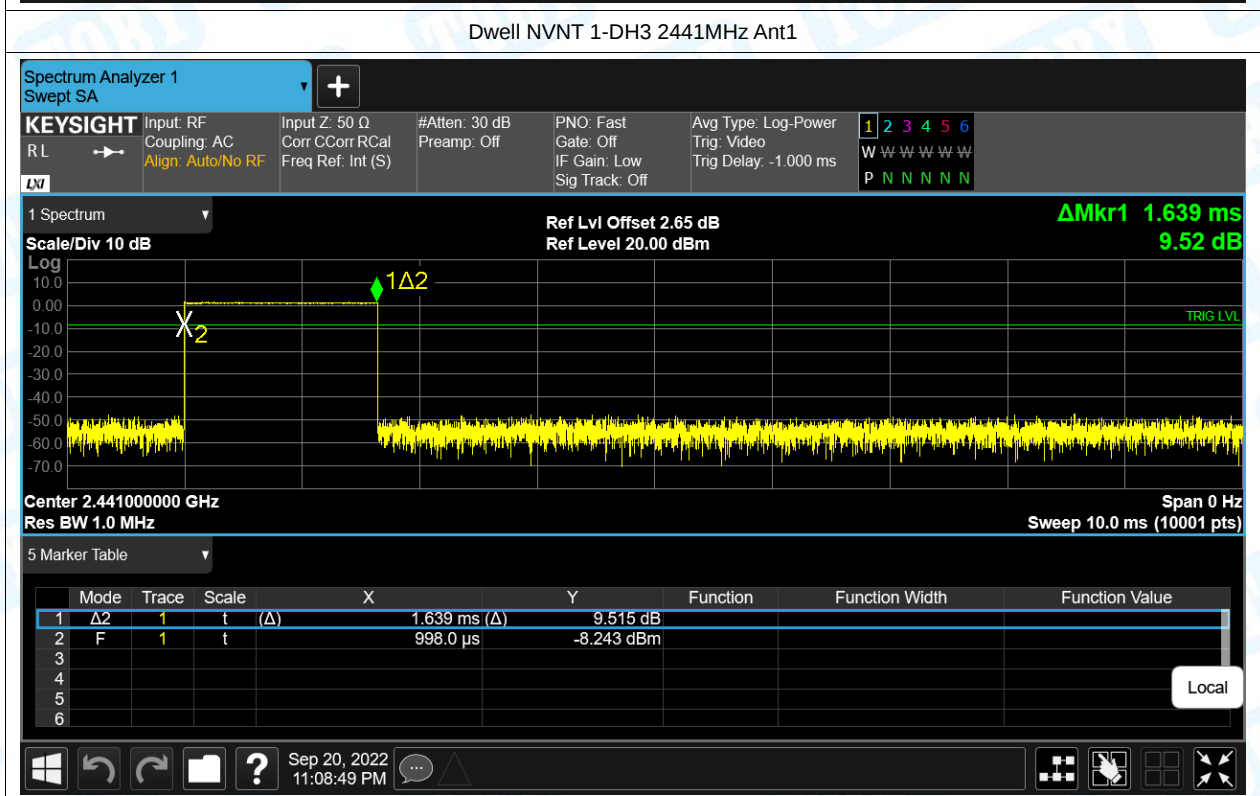
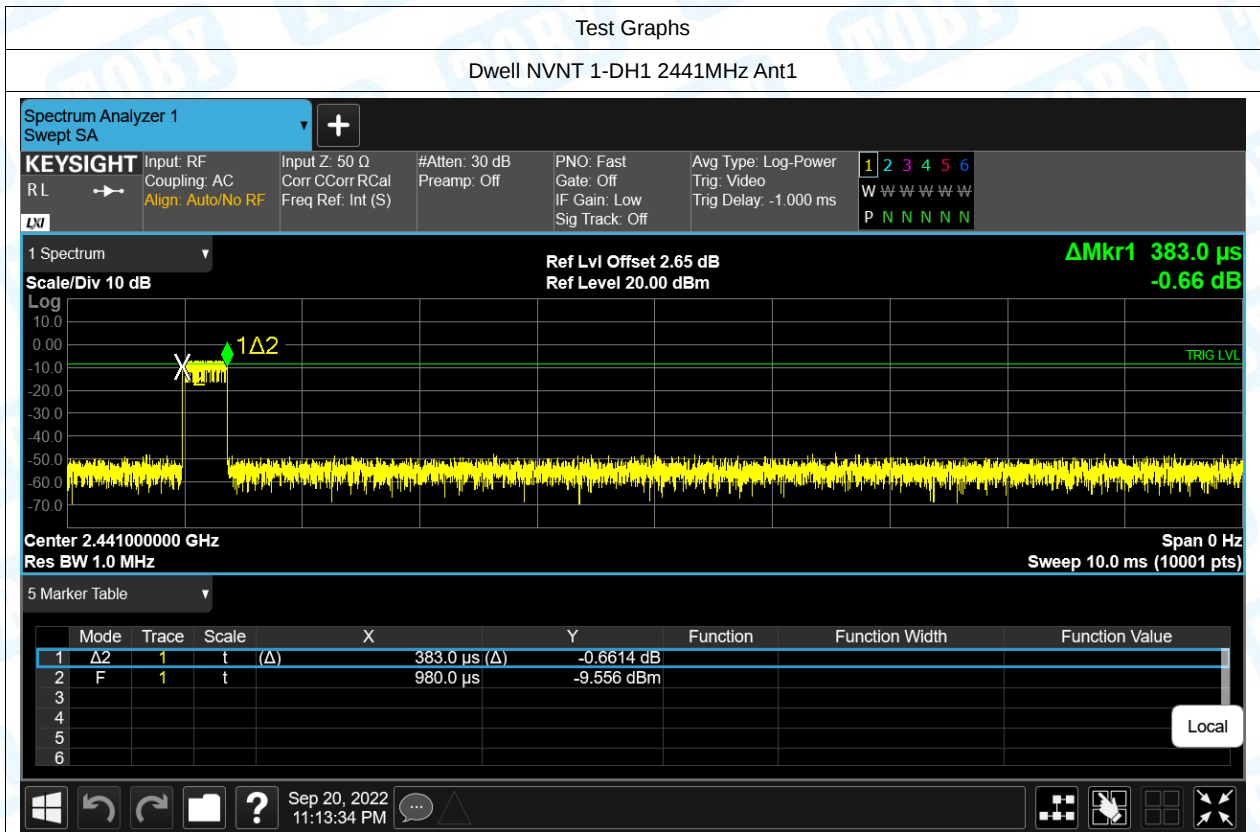
Sep 20, 2022 11:17:17 PM

Display icons

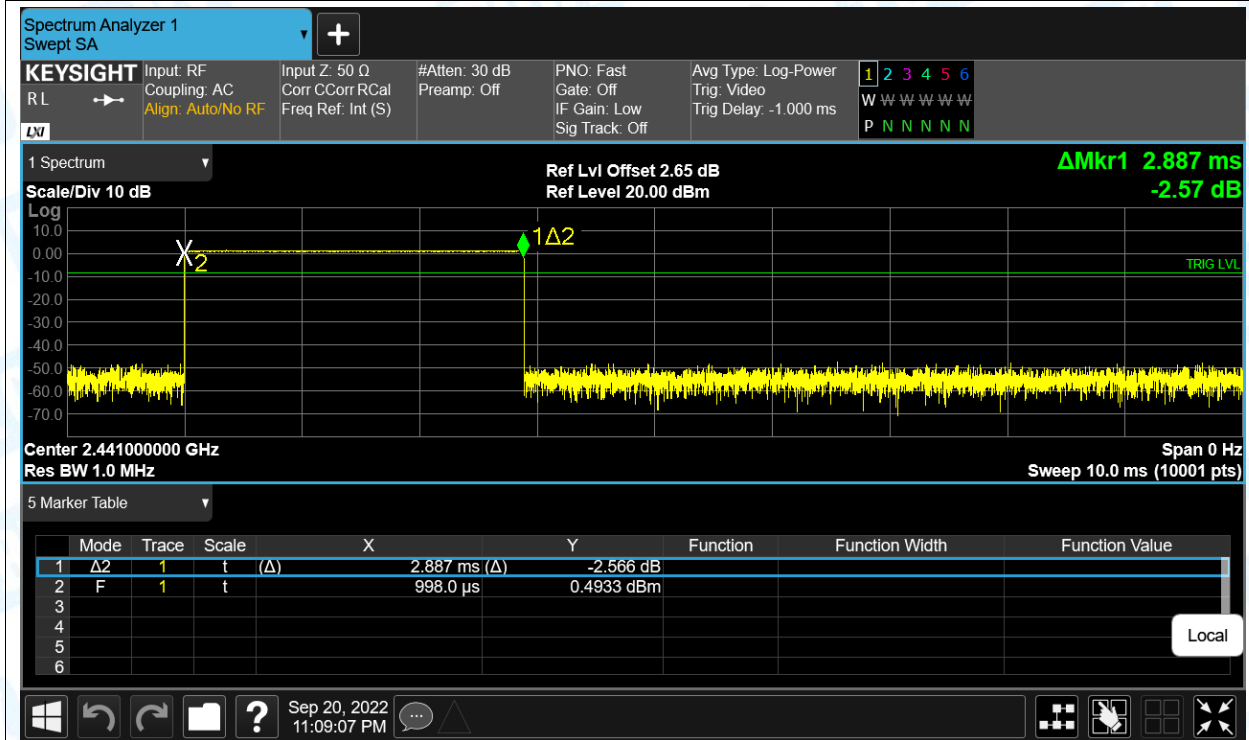


11. Dwell Time

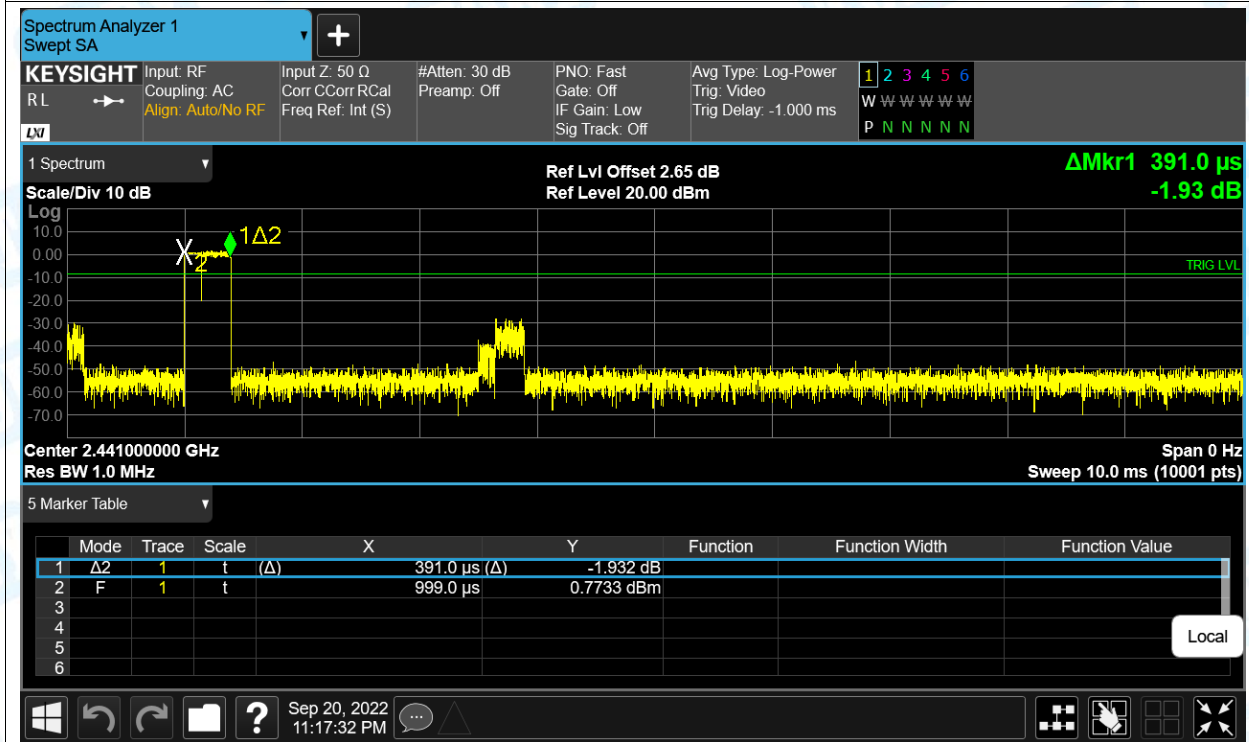
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.383	122.56	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.639	262.24	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.887	307.947	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.391	125.12	31600	400	Pass
NVNT	2-DH3	2441	Ant1	1.644	263.04	31600	400	Pass
NVNT	2-DH5	2441	Ant1	2.892	308.48	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.391	125.12	31600	400	Pass
NVNT	3-DH3	2441	Ant1	1.642	262.72	31600	400	Pass
NVNT	3-DH5	2441	Ant1	2.893	308.587	31600	400	Pass

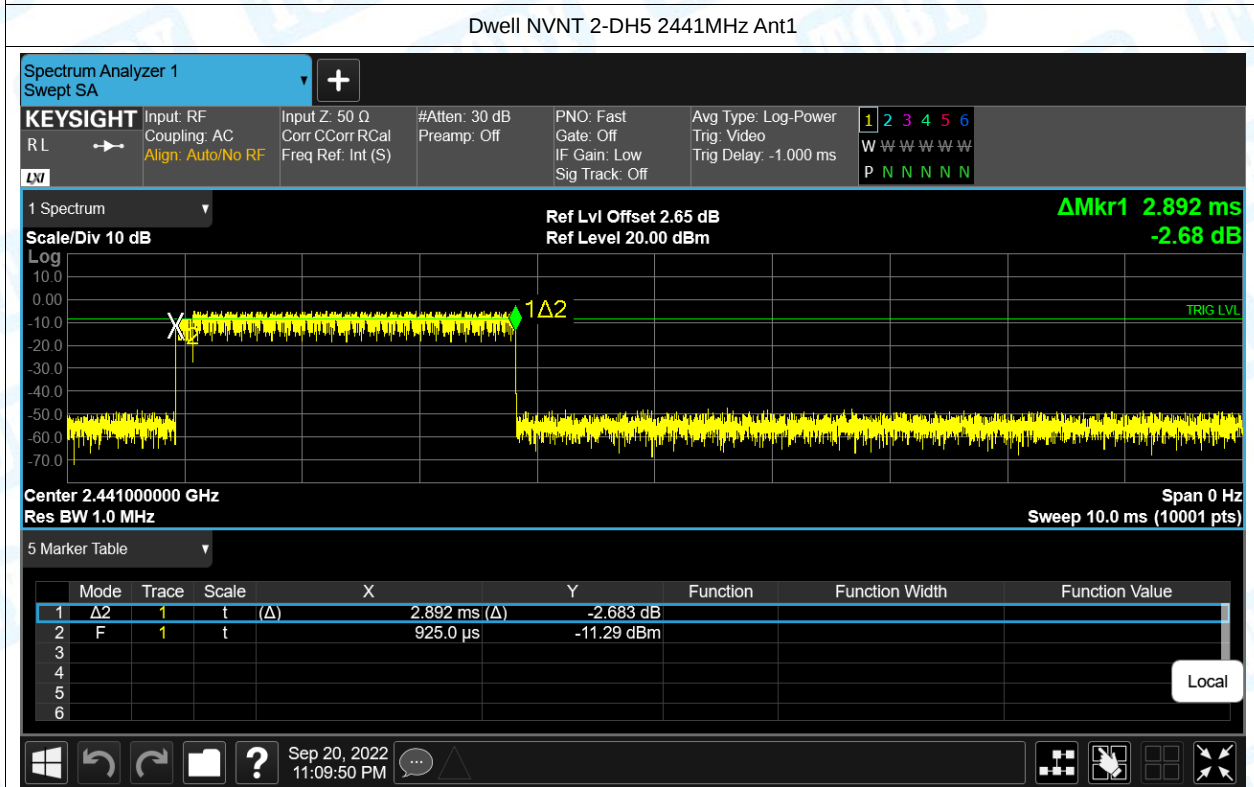


Dwell NVNT 1-DH5 2441MHz Ant1

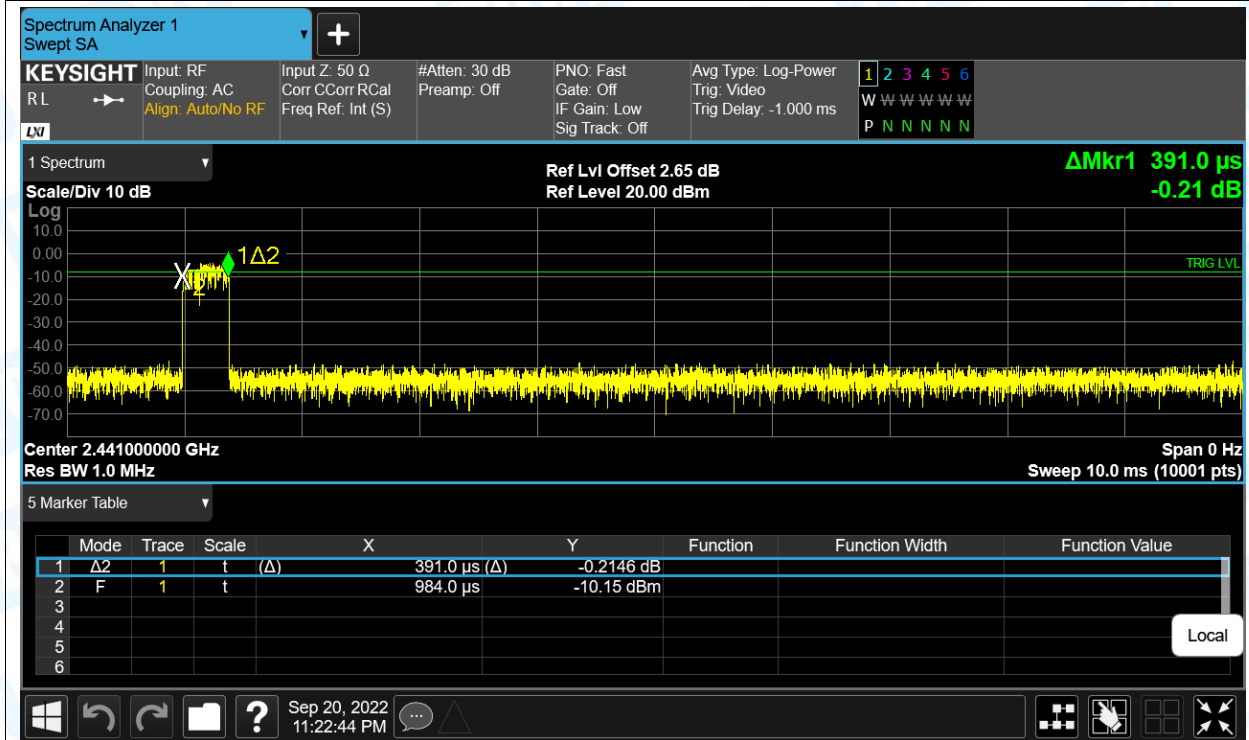


Dwell NVNT 2-DH1 2441MHz Ant1

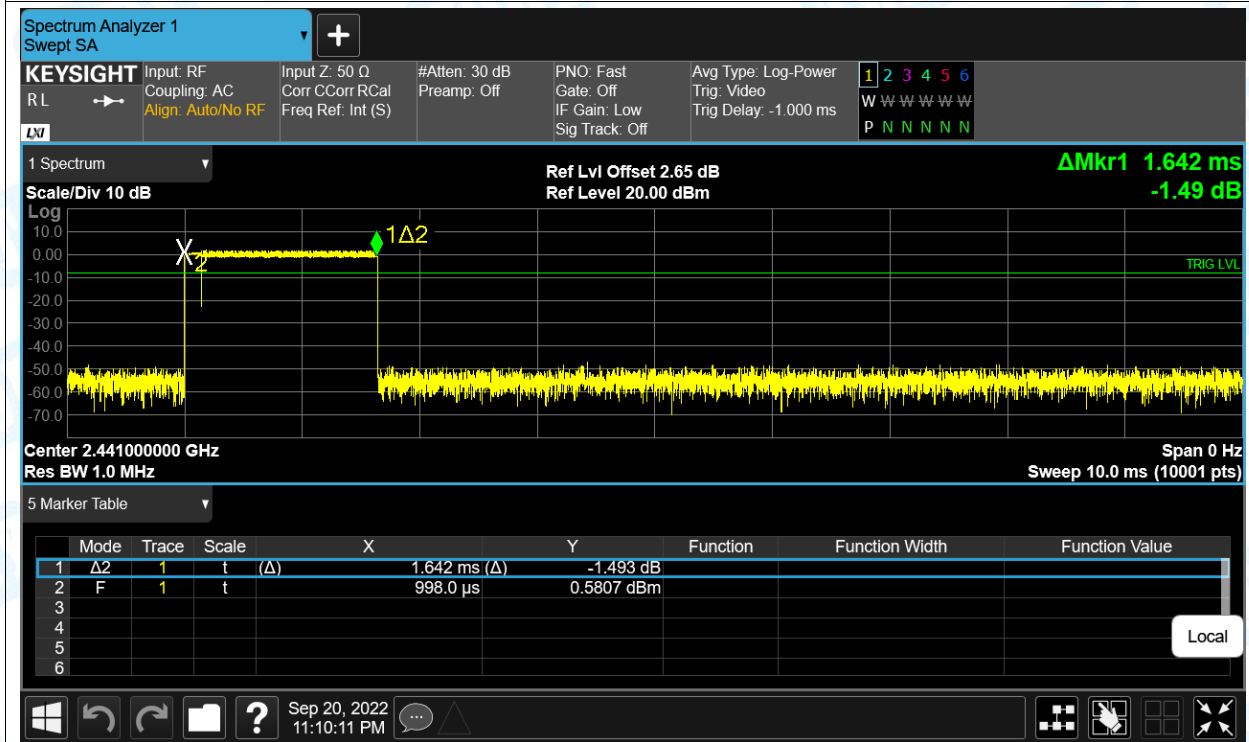


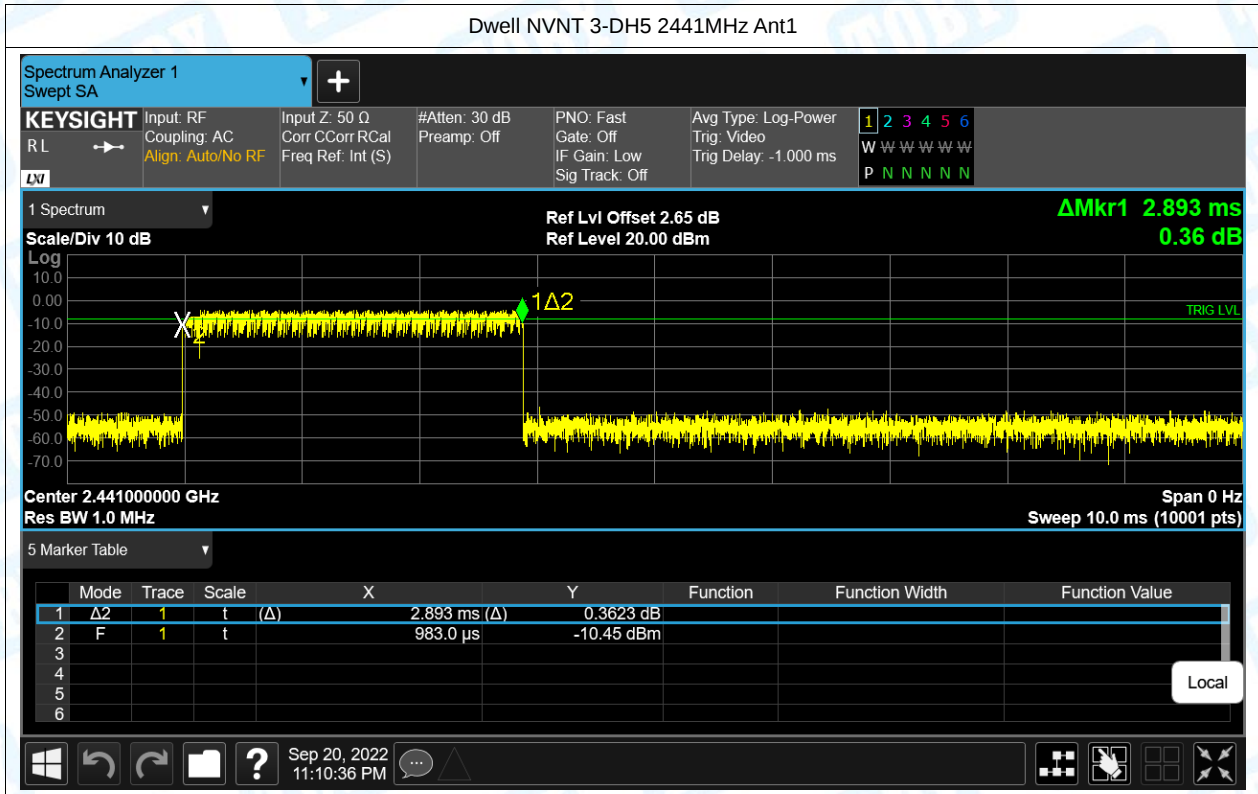


Dwell NVNT 3-DH1 2441MHz Ant1



Dwell NVNT 3-DH3 2441MHz Ant1





-----END OF THE REPORT-----