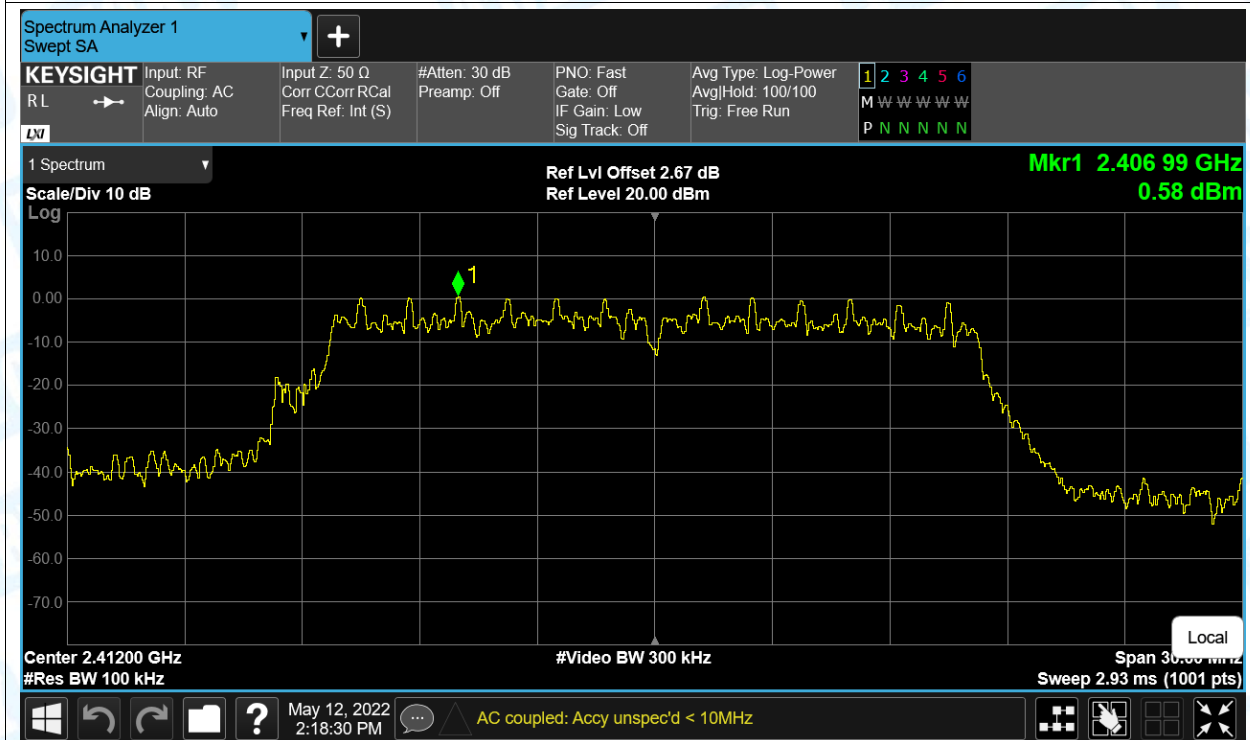
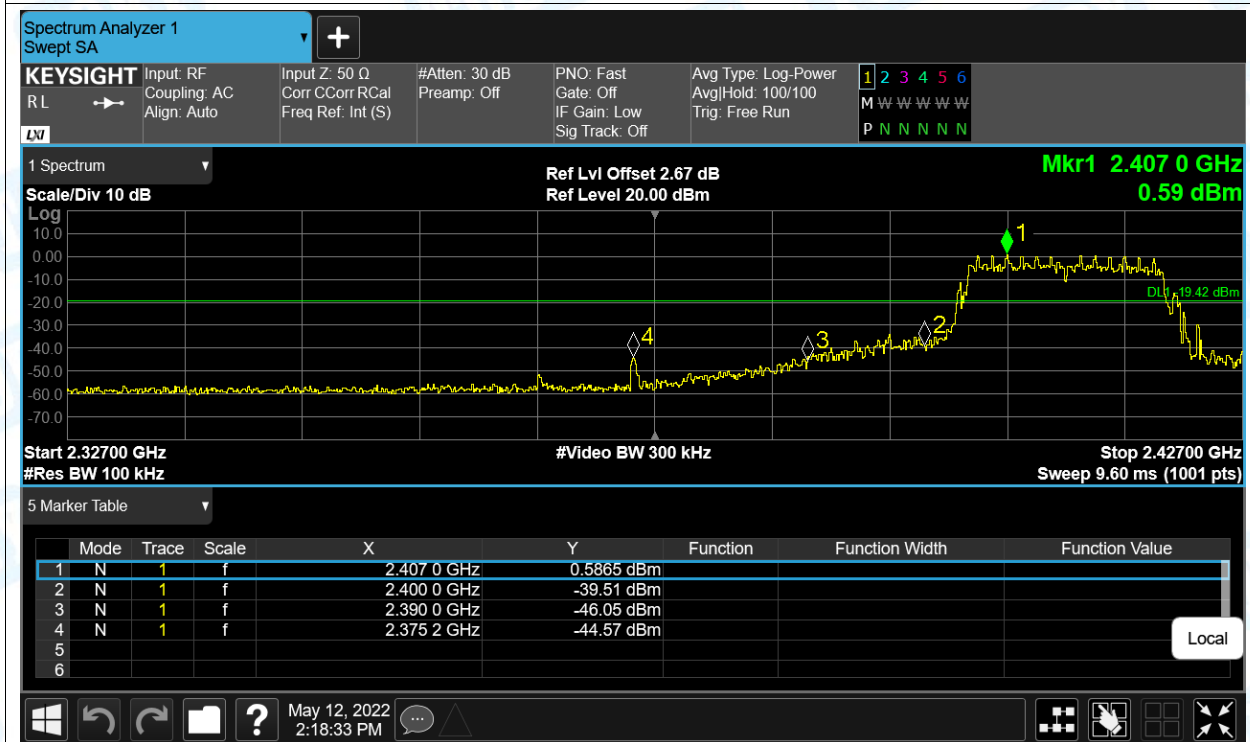
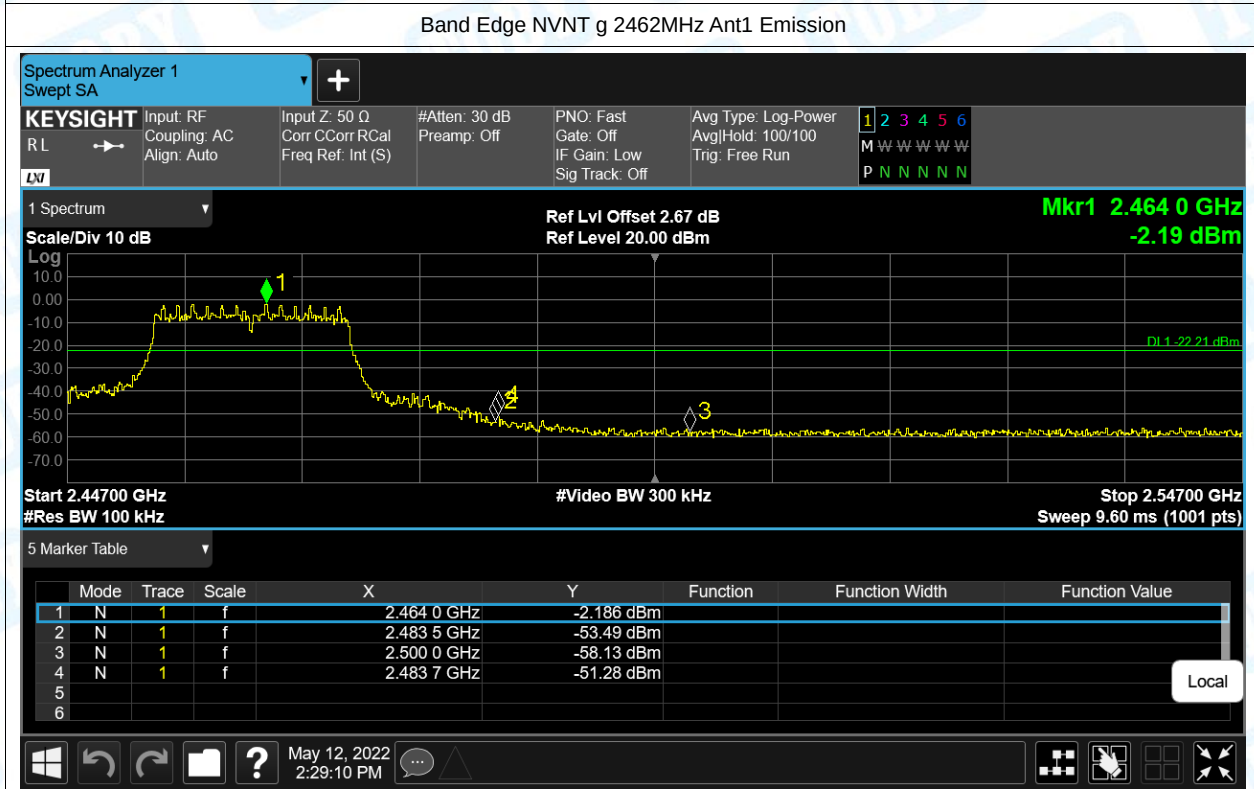
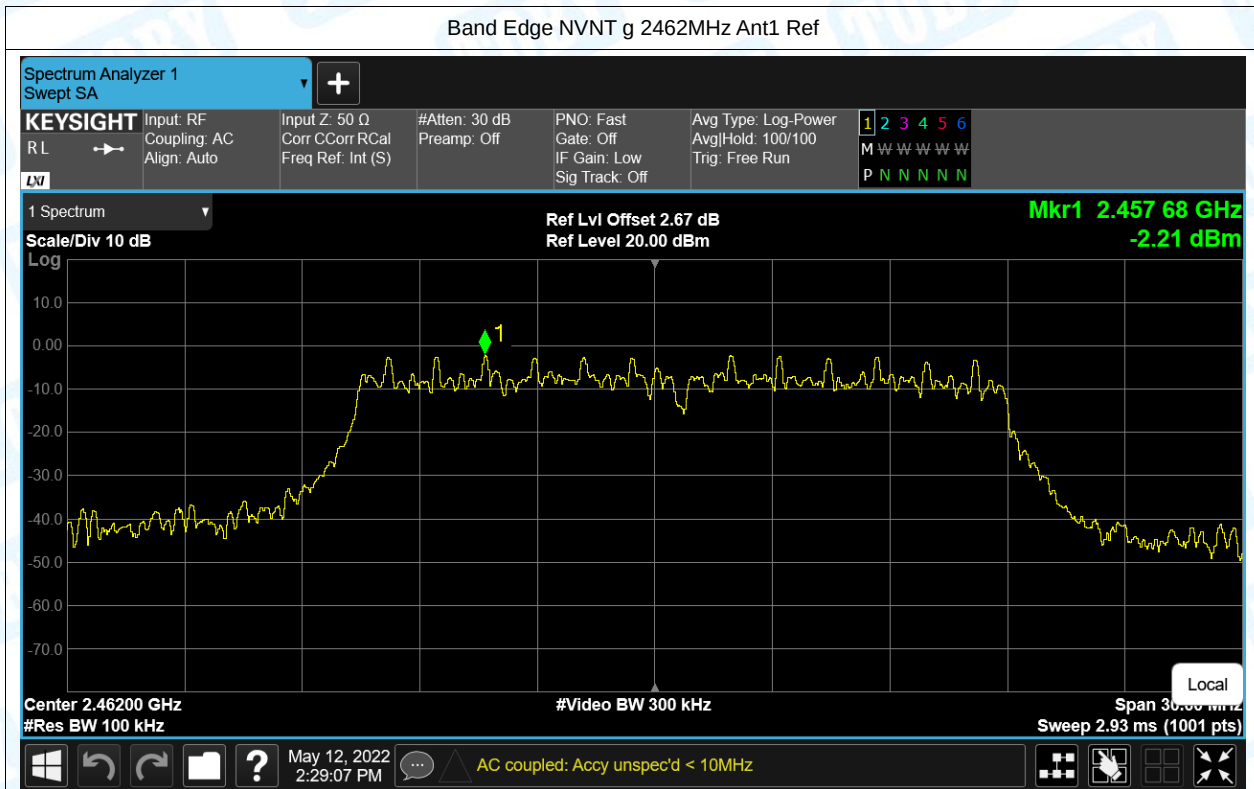


Band Edge NVNT g 2412MHz Ant1 Ref

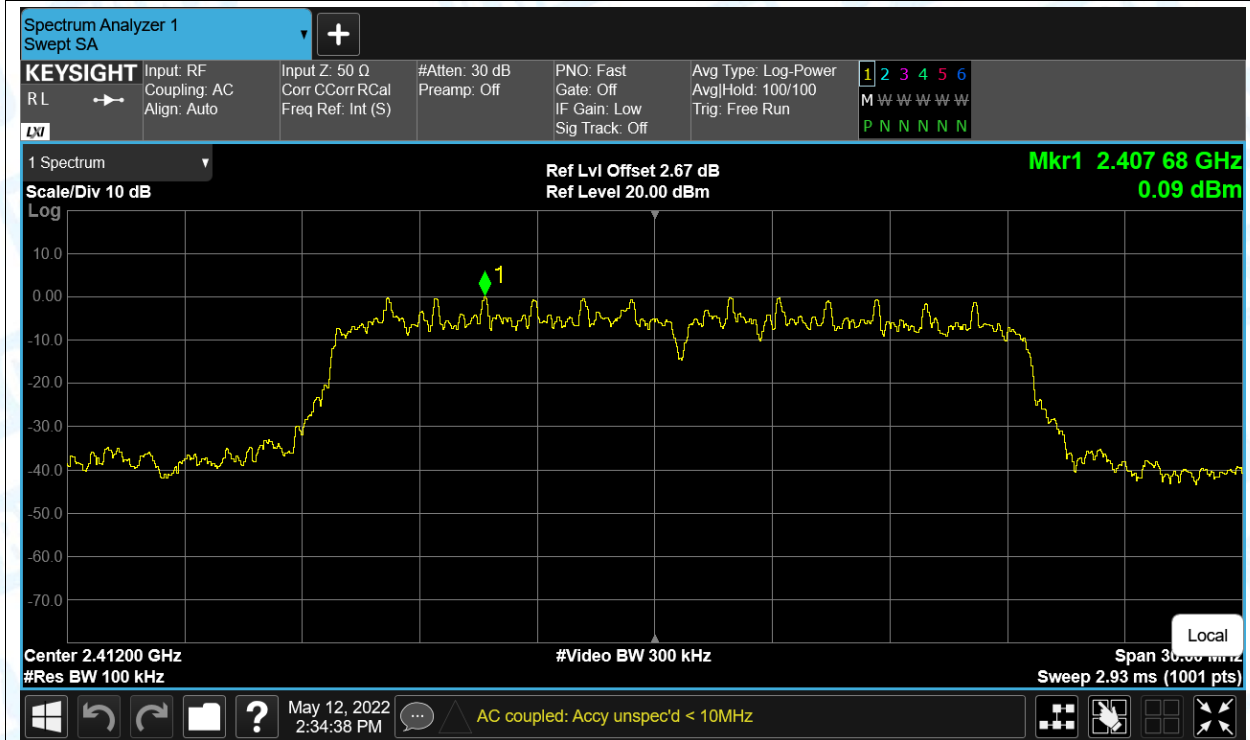


Band Edge NVNT g 2412MHz Ant1 Emission

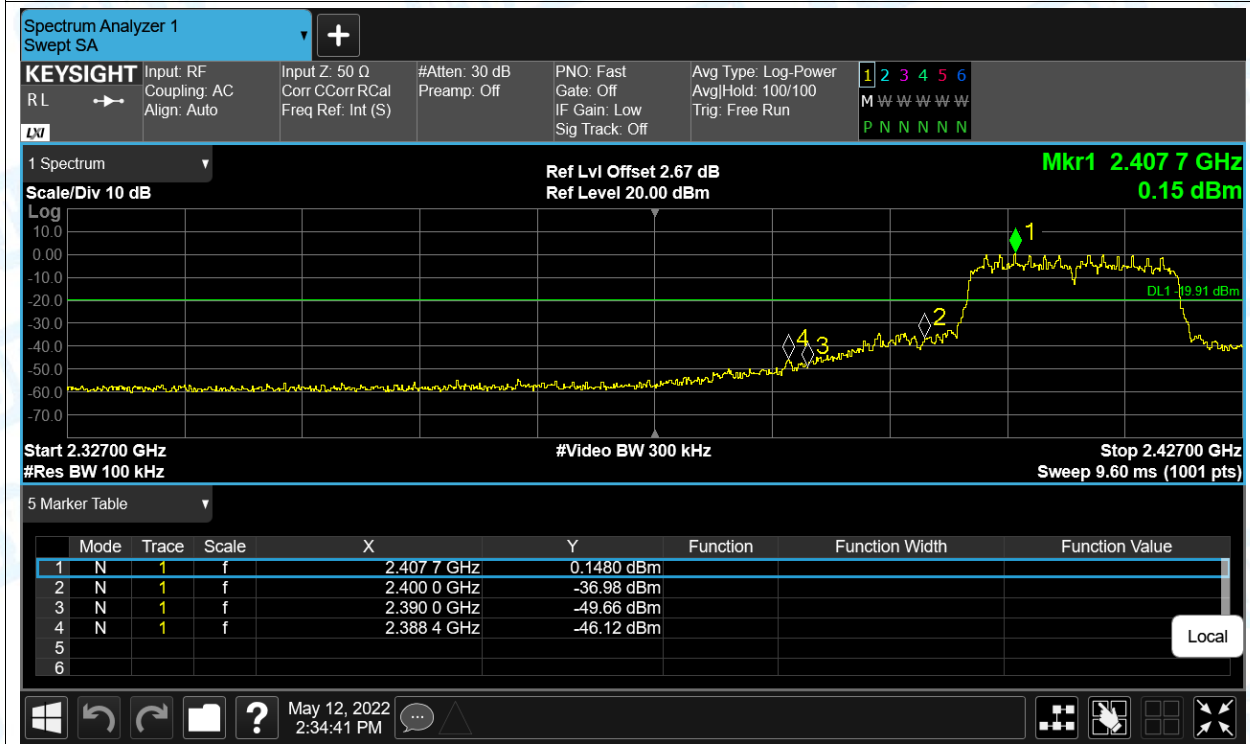




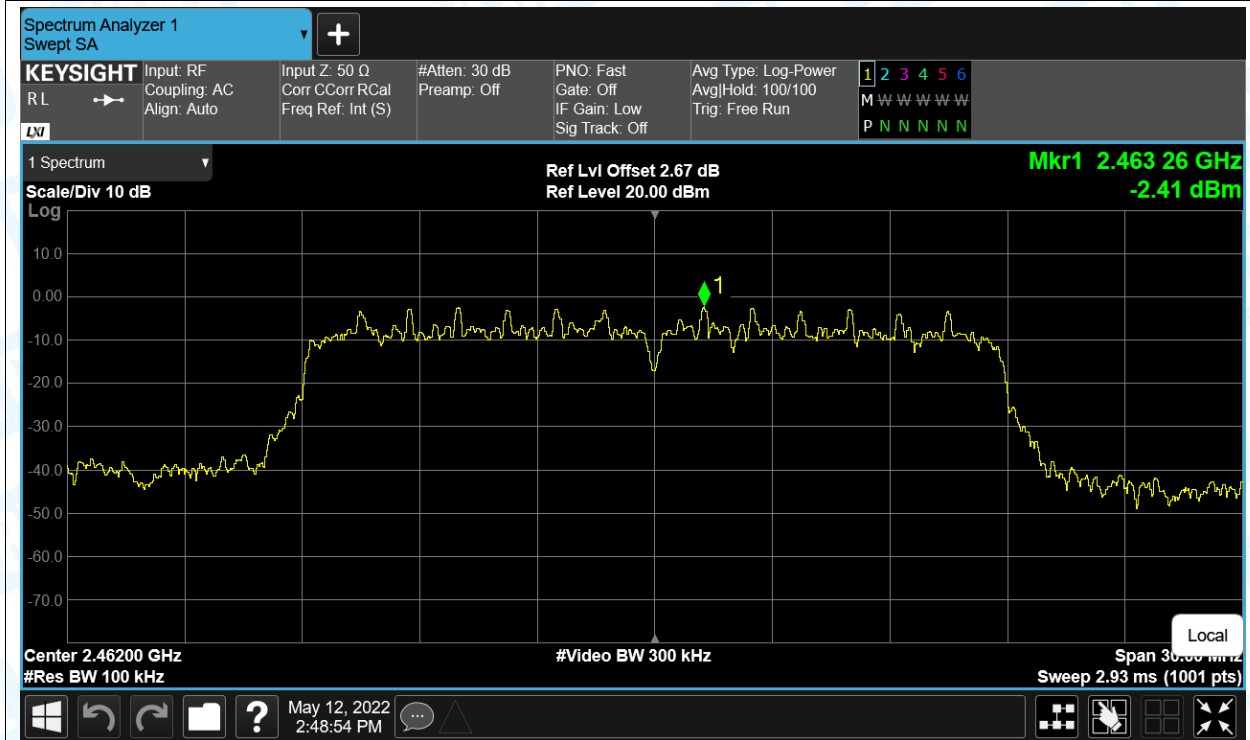
Band Edge NVNT n(HT20) 2412MHz Ant1 Ref



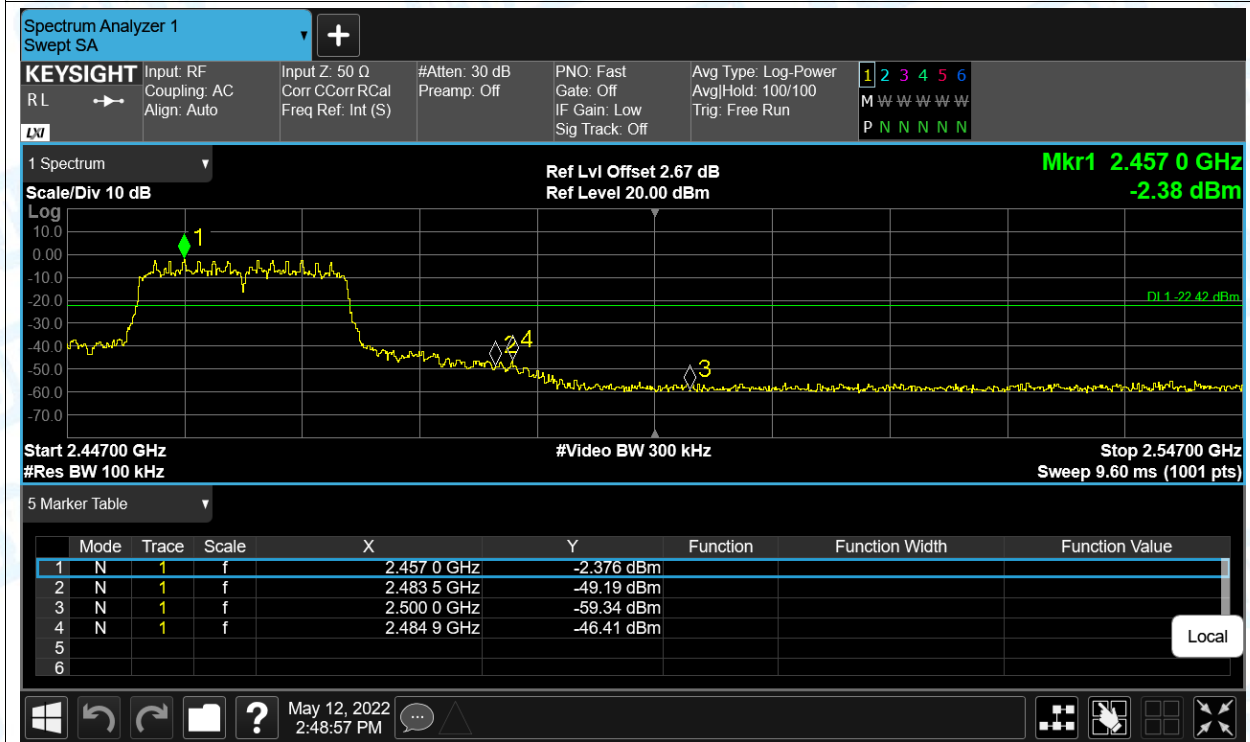
Band Edge NVNT n(HT20) 2412MHz Ant1 Emission



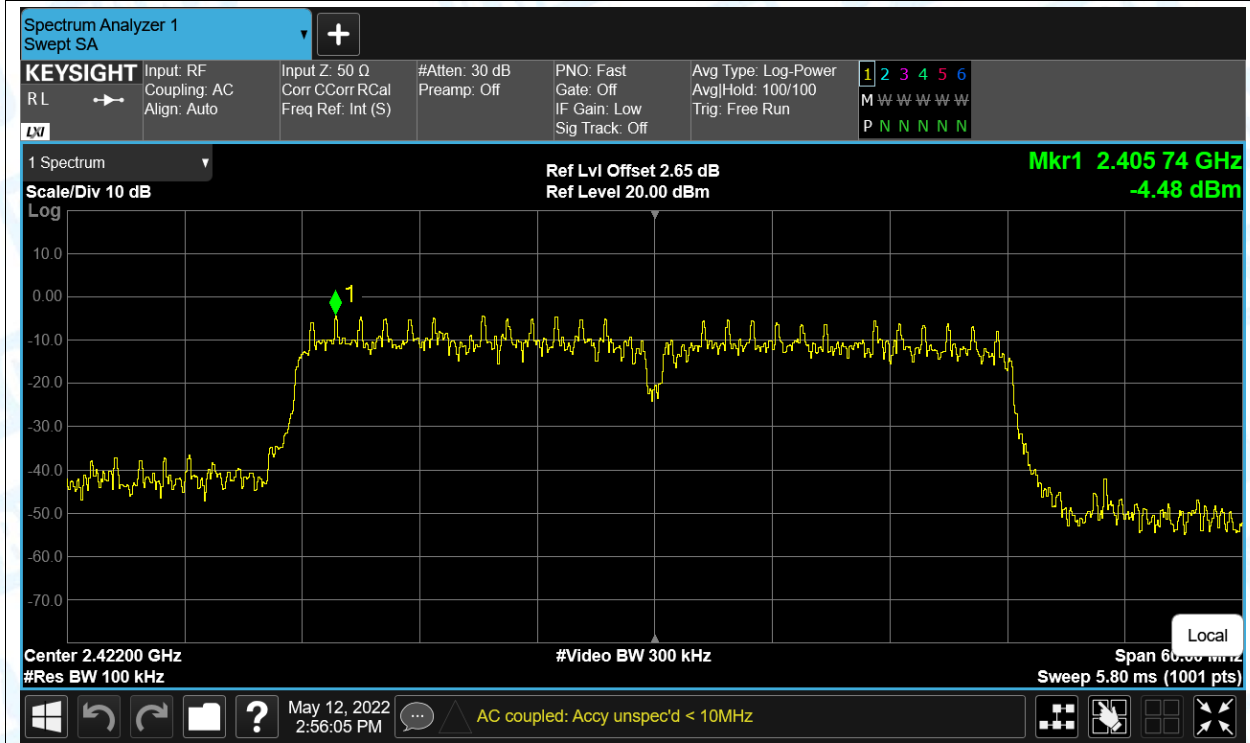
Band Edge NVNT n(HT20) 2462MHz Ant1 Ref



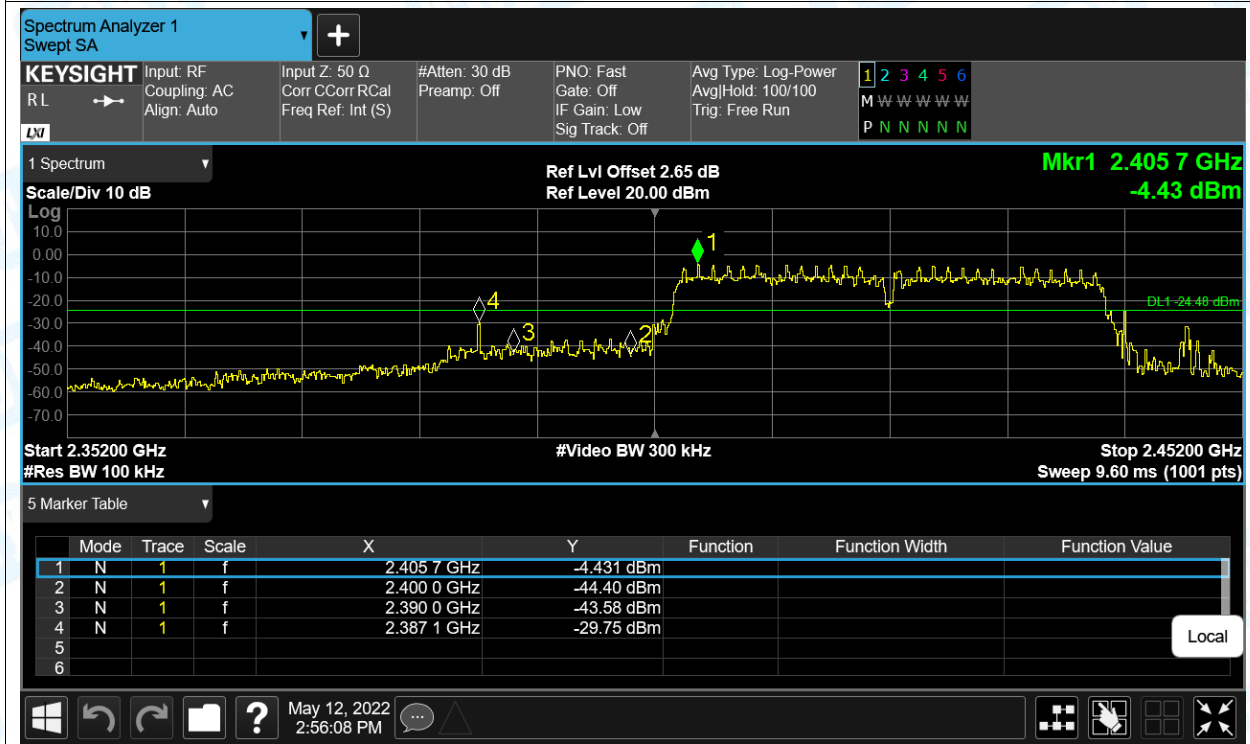
Band Edge NVNT n(HT20) 2462MHz Ant1 Emission



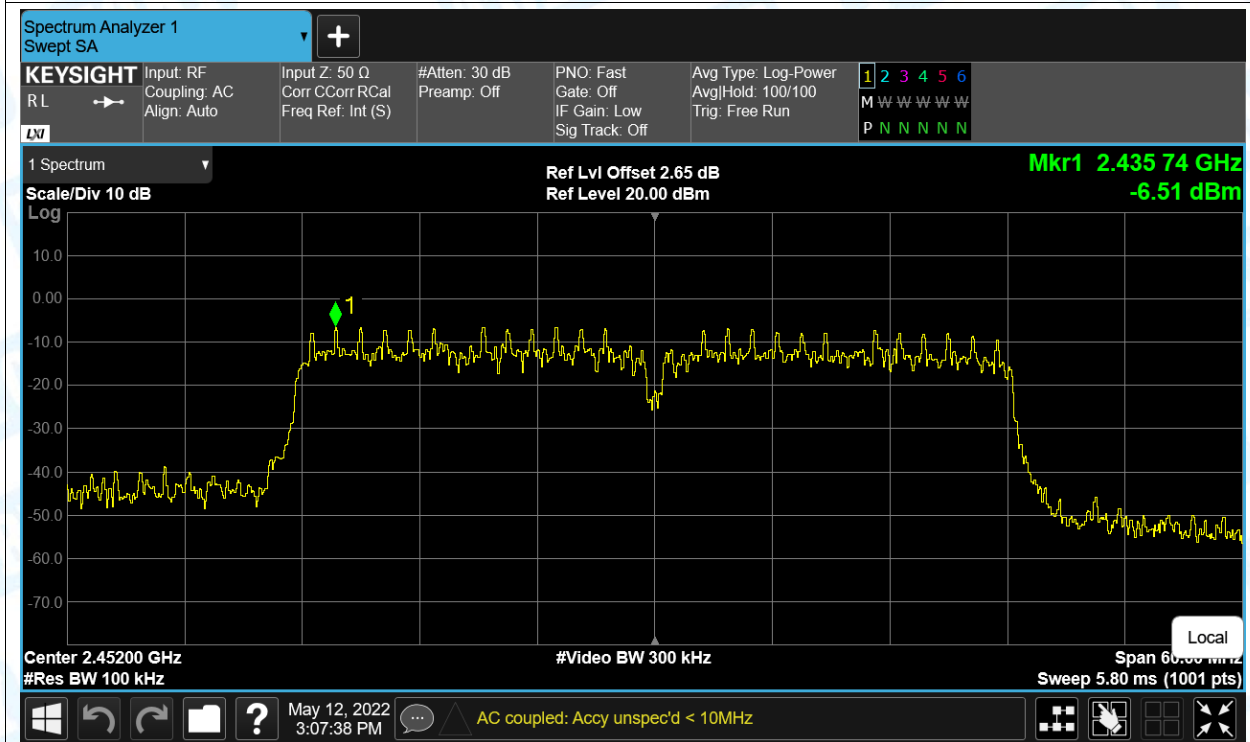
Band Edge NVNT n(HT40) 2422MHz Ant1 Ref



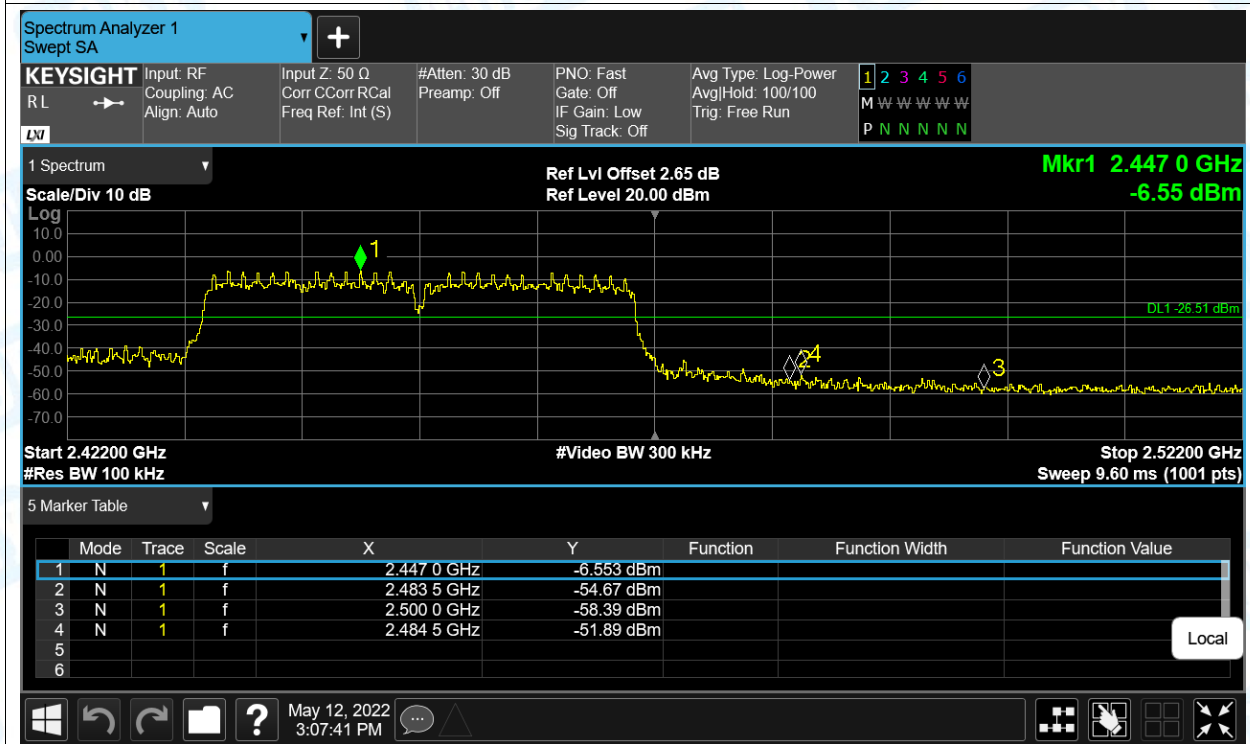
Band Edge NVNT n(HT40) 2422MHz Ant1 Emission



Band Edge NVNT n(HT40) 2452MHz Ant1 Ref



Band Edge NVNT n(HT40) 2452MHz Ant1 Emission



7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.41	-20	Pass
NVNT	b	2437	Ant1	-43.56	-20	Pass
NVNT	b	2462	Ant1	-43.62	-20	Pass
NVNT	g	2412	Ant1	-37.55	-20	Pass
NVNT	g	2437	Ant1	-40.91	-20	Pass
NVNT	g	2462	Ant1	-39.79	-20	Pass
NVNT	n(HT20)	2412	Ant1	-37.12	-20	Pass
NVNT	n(HT20)	2437	Ant1	-39.52	-20	Pass
NVNT	n(HT20)	2462	Ant1	-34.86	-20	Pass
NVNT	n(HT40)	2422	Ant1	-28.9	-20	Pass
NVNT	n(HT40)	2437	Ant1	-36.45	-20	Pass
NVNT	n(HT40)	2452	Ant1	-35.61	-20	Pass



Tx. Spurious NVNT b 2412MHz Ant1 Emission

Spectrum Analyzer 1
Swept SA

KEYSIGHT

Input: RF
Coupling: AC
Align: Auto

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
AvalHold: 10/10
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

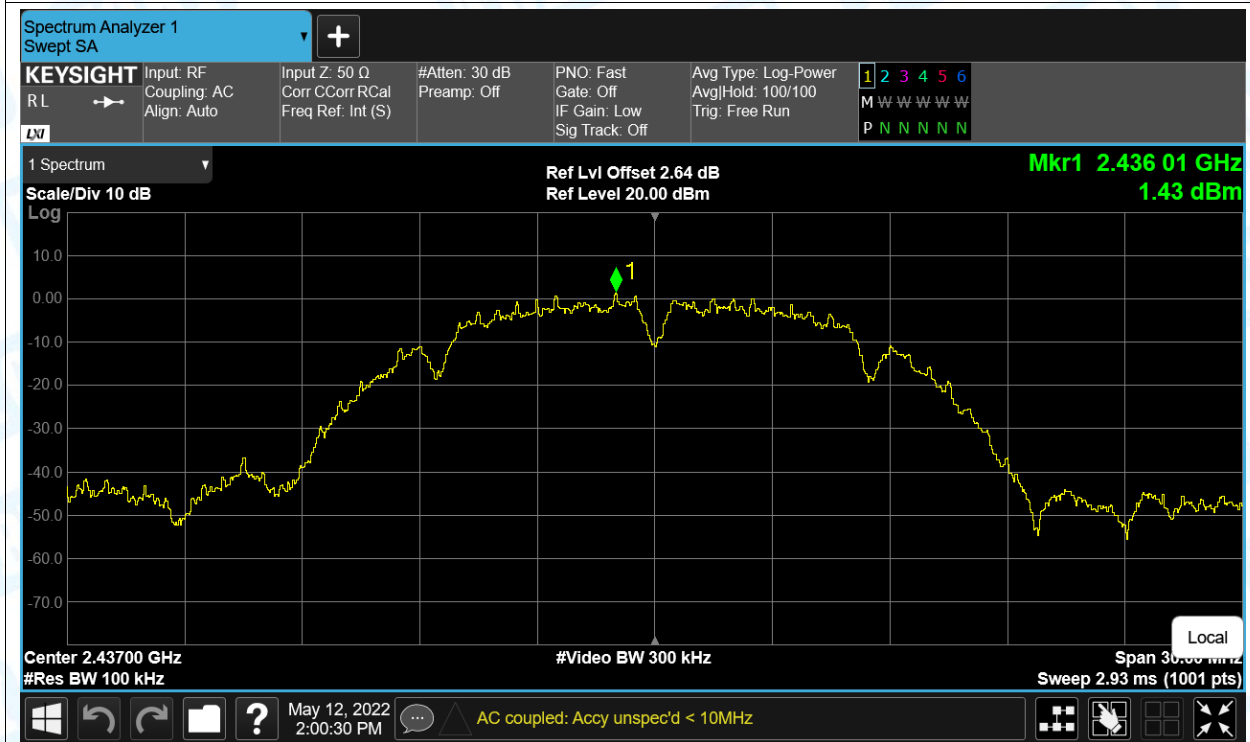
Log

Ref Lvl Offset 2.67 dB
Ref Level 20.00 dBmMkr1 2.412 GHz
0.66 dBmStart 30 MHz
#Res BW 100 kHz
#Video BW 300 kHzStop 26.50 GHz
Sweep ~2.57 s (1001 pts)

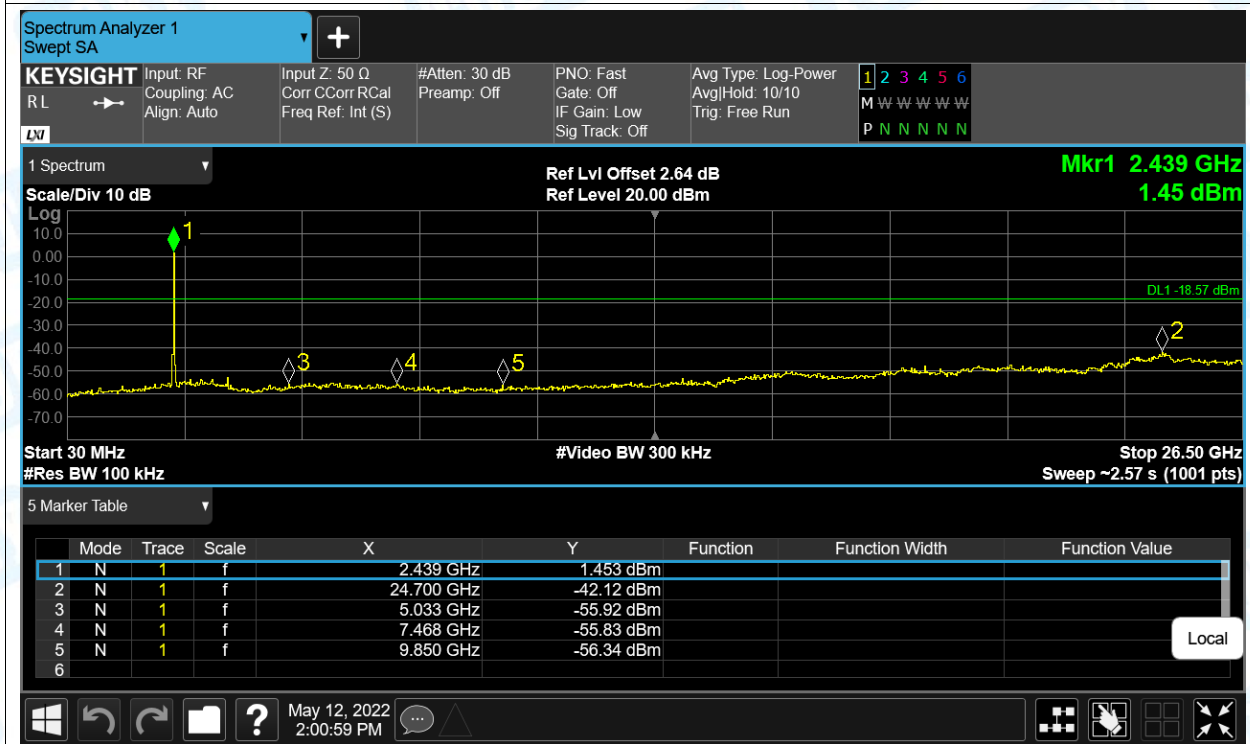
May 12, 2022 1:55:20 PM

Local

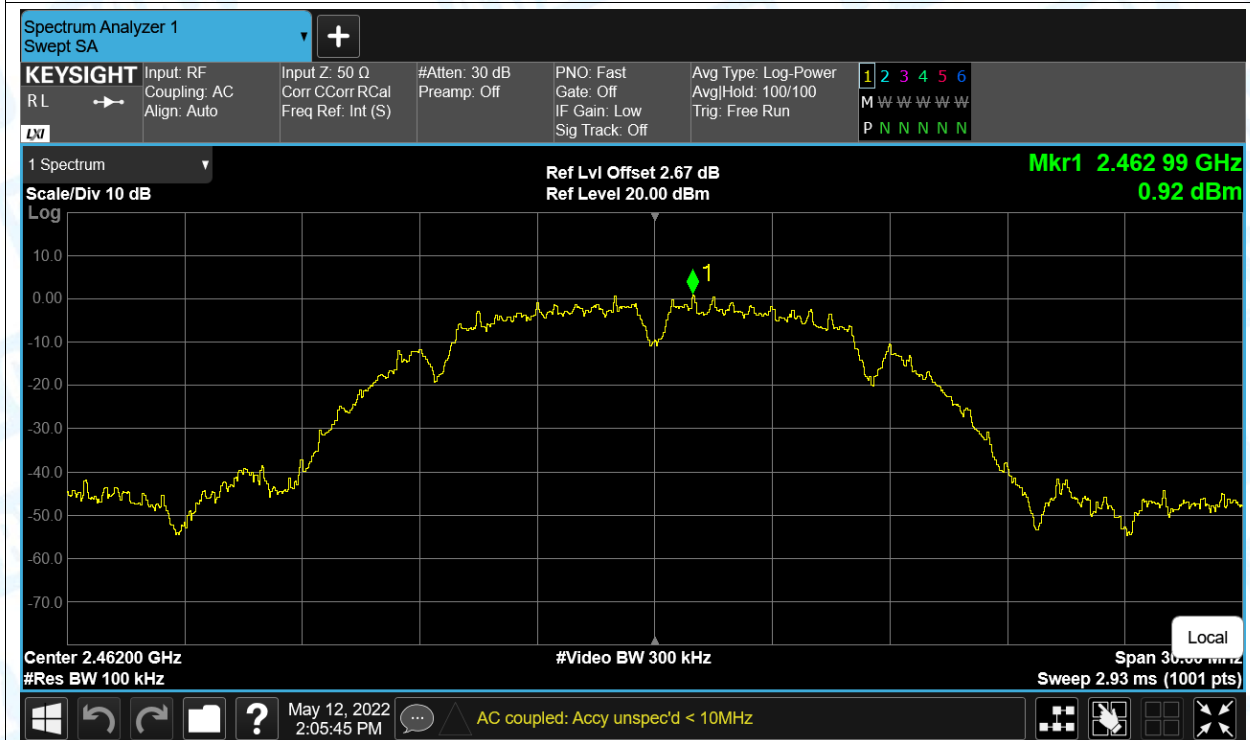
Tx. Spurious NVNT b 2437MHz Ant1 Ref



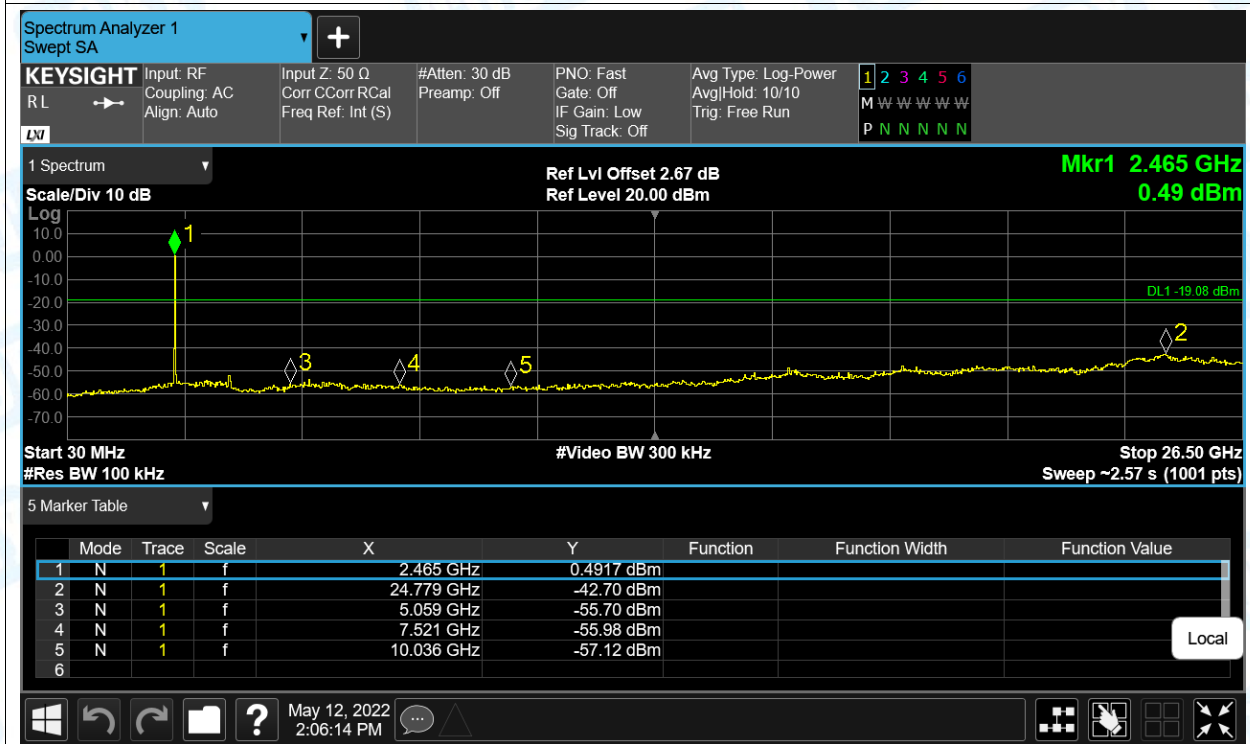
Tx. Spurious NVNT b 2437MHz Ant1 Emission



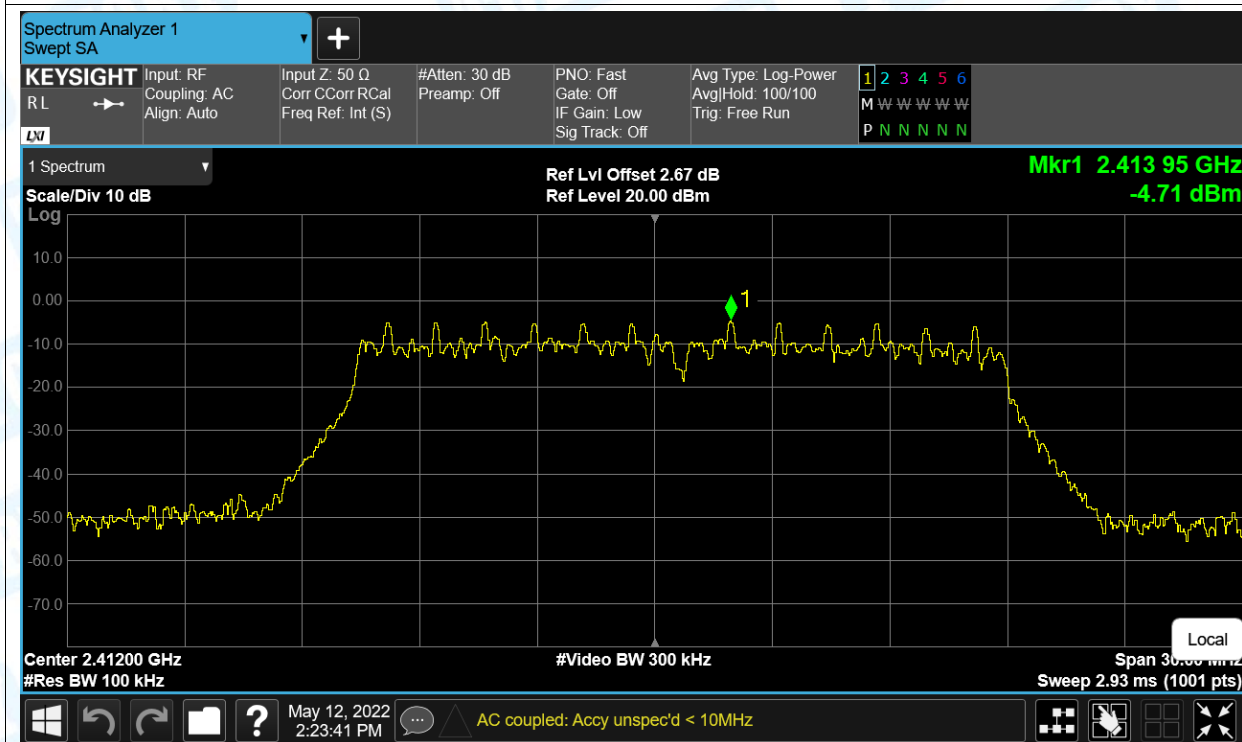
Tx. Spurious NVNT b 2462MHz Ant1 Ref



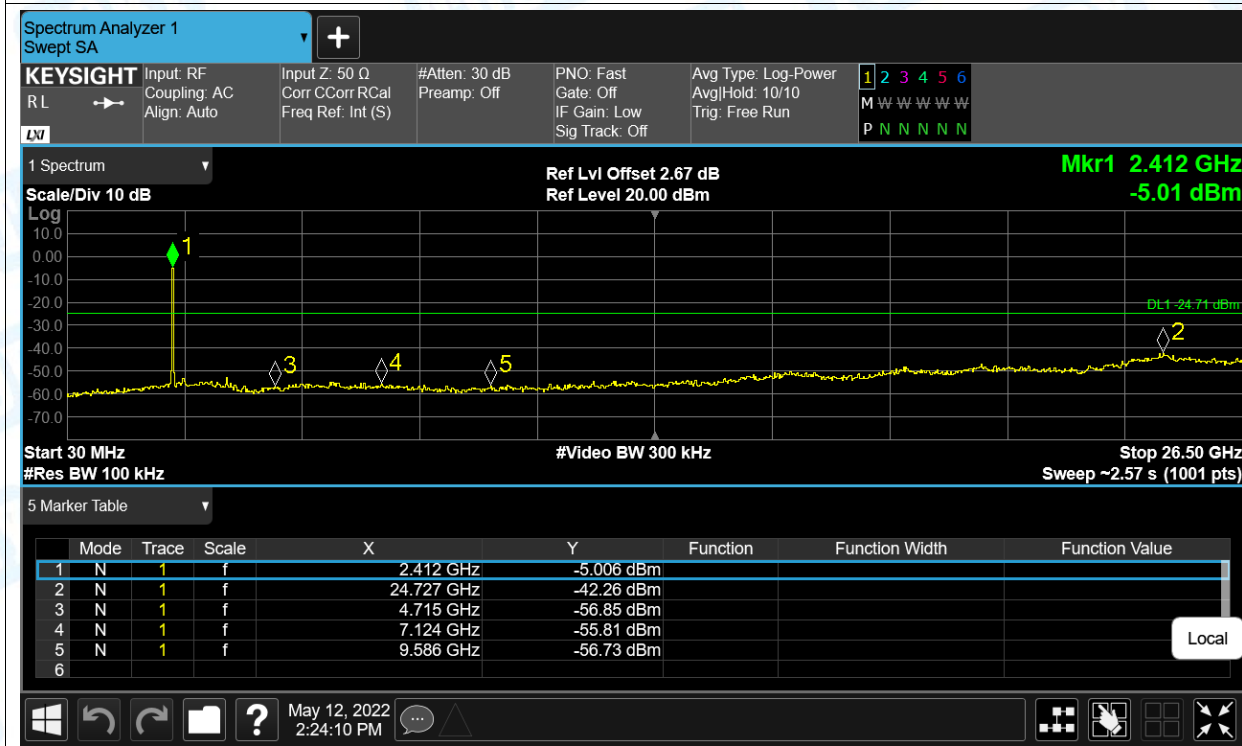
Tx. Spurious NVNT b 2462MHz Ant1 Emission



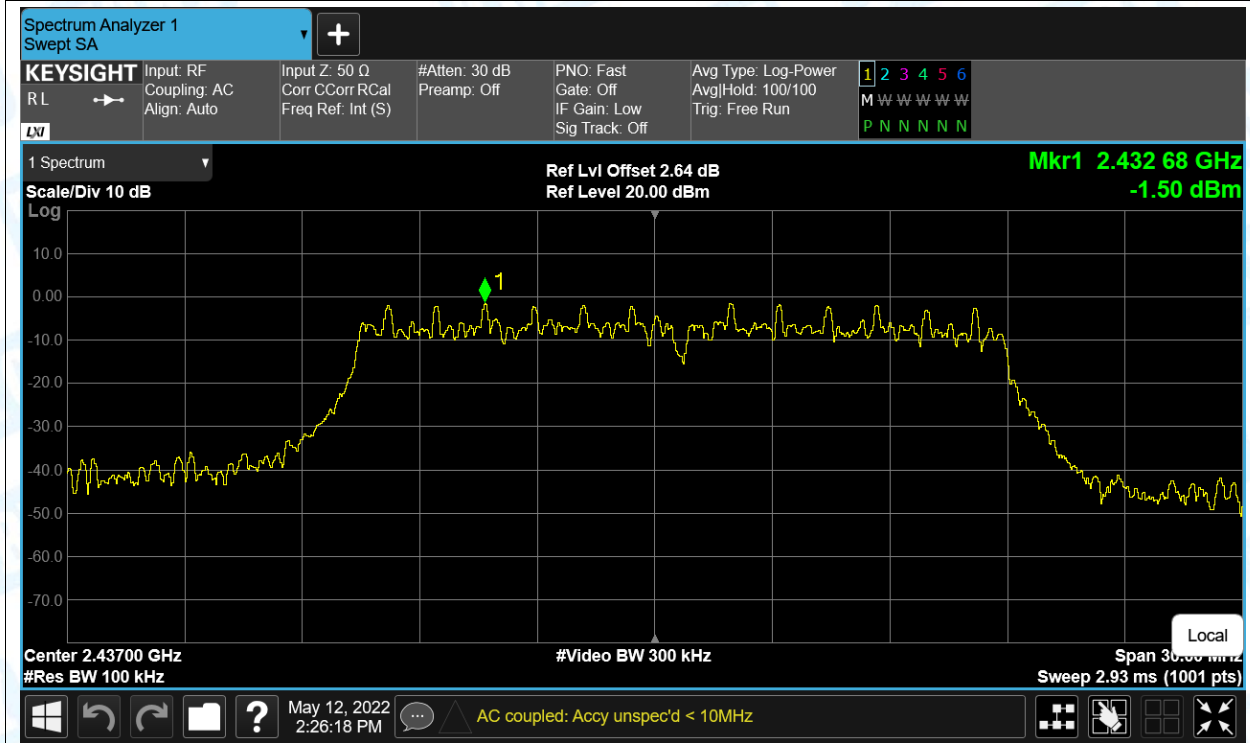
Tx. Spurious NVNT g 2412MHz Ant1 Ref



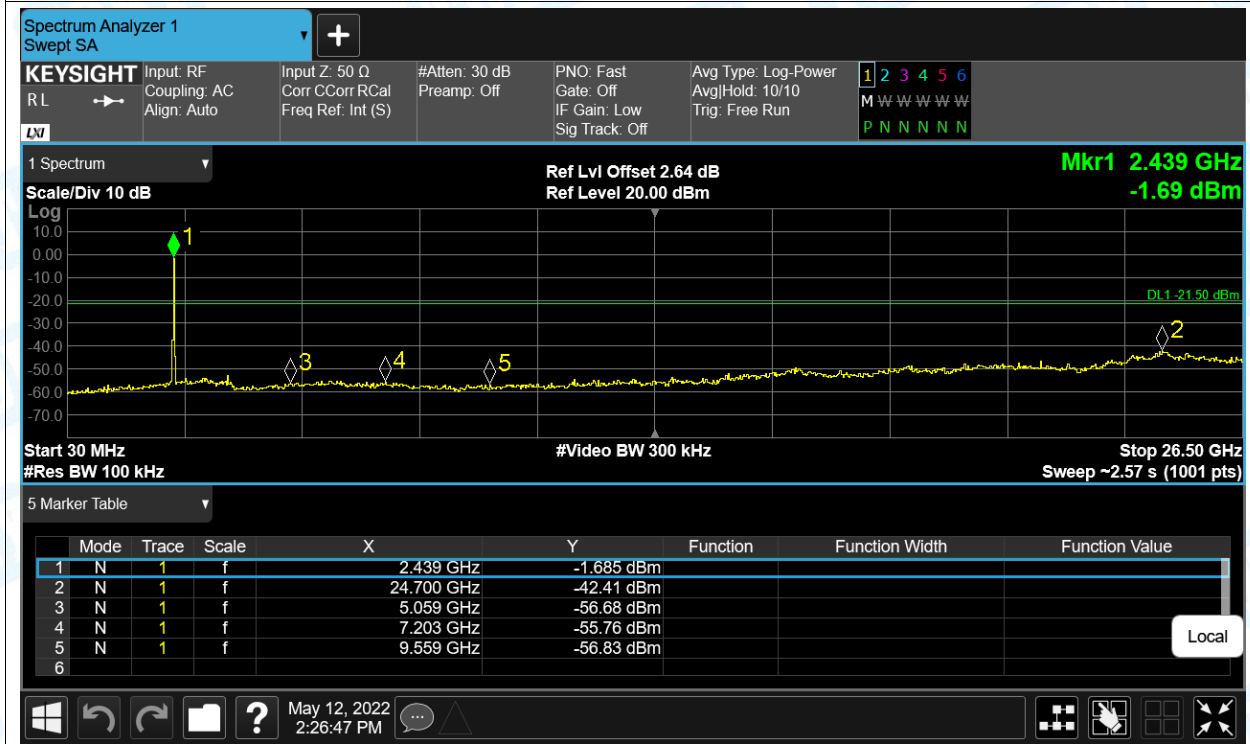
Tx. Spurious NVNT g 2412MHz Ant1 Emission



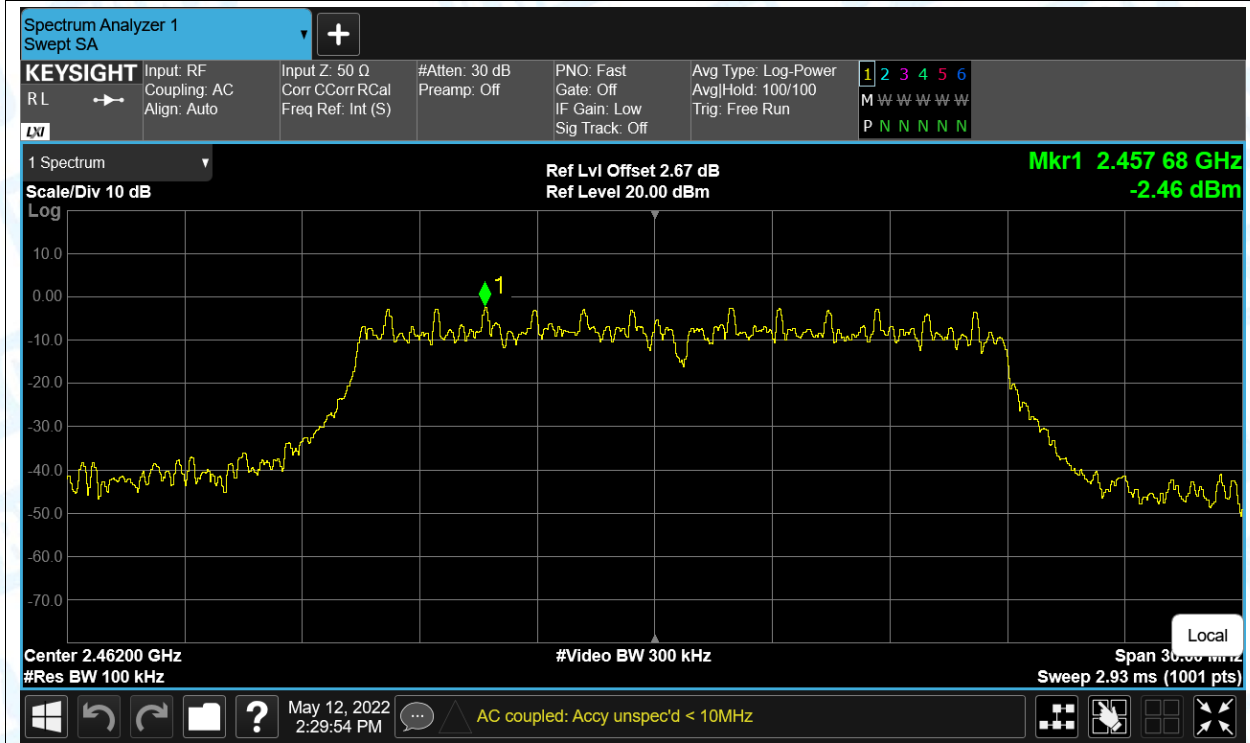
Tx. Spurious NVNT g 2437MHz Ant1 Ref



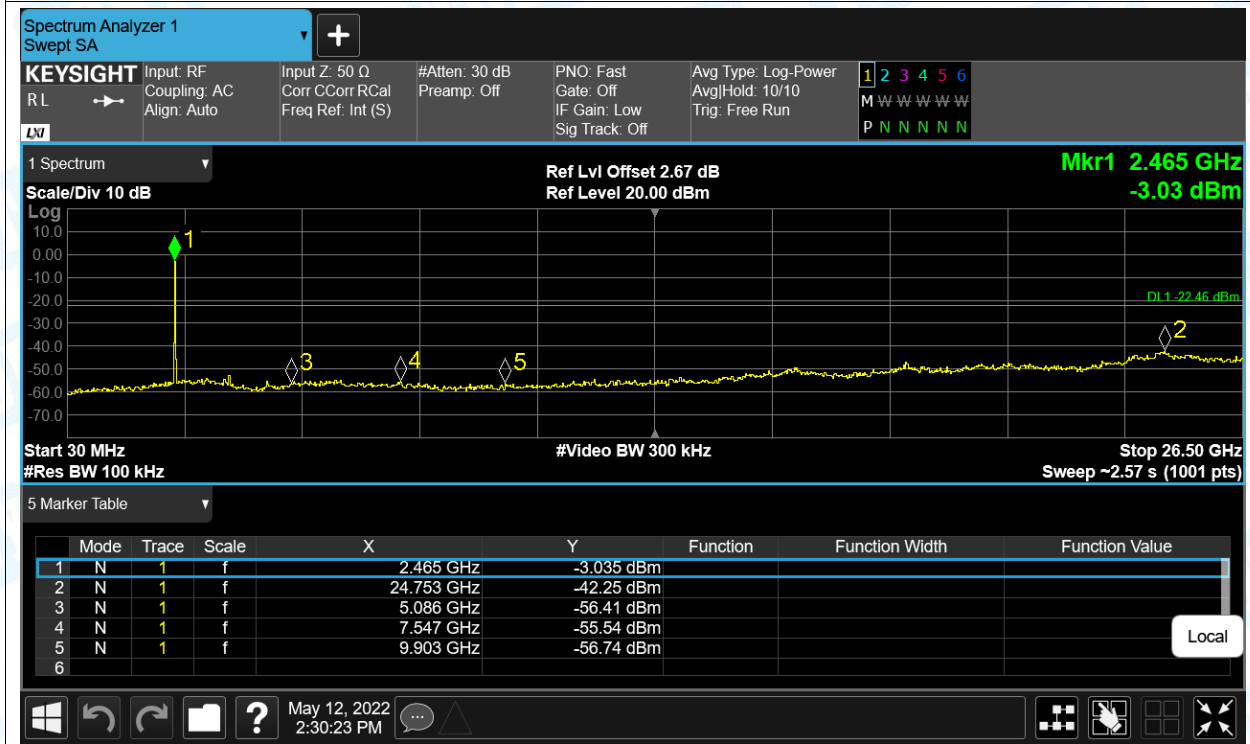
Tx. Spurious NVNT g 2437MHz Ant1 Emission



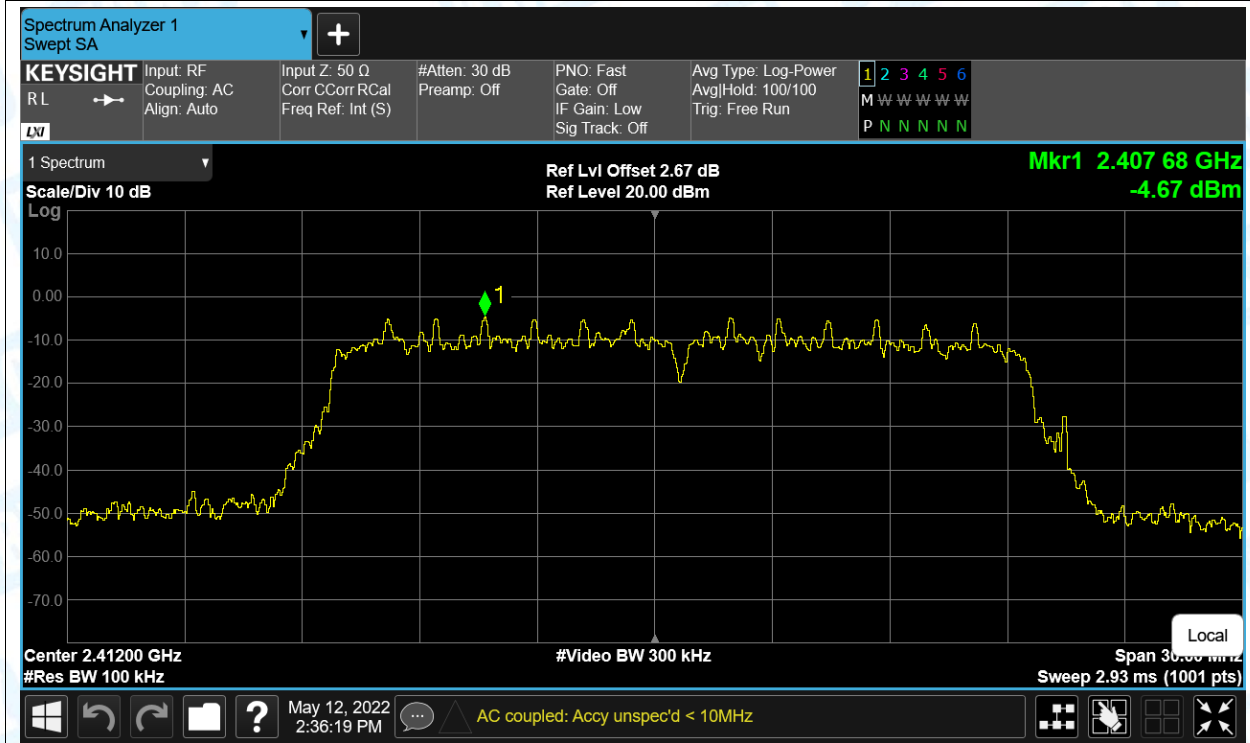
Tx. Spurious NVNT g 2462MHz Ant1 Ref



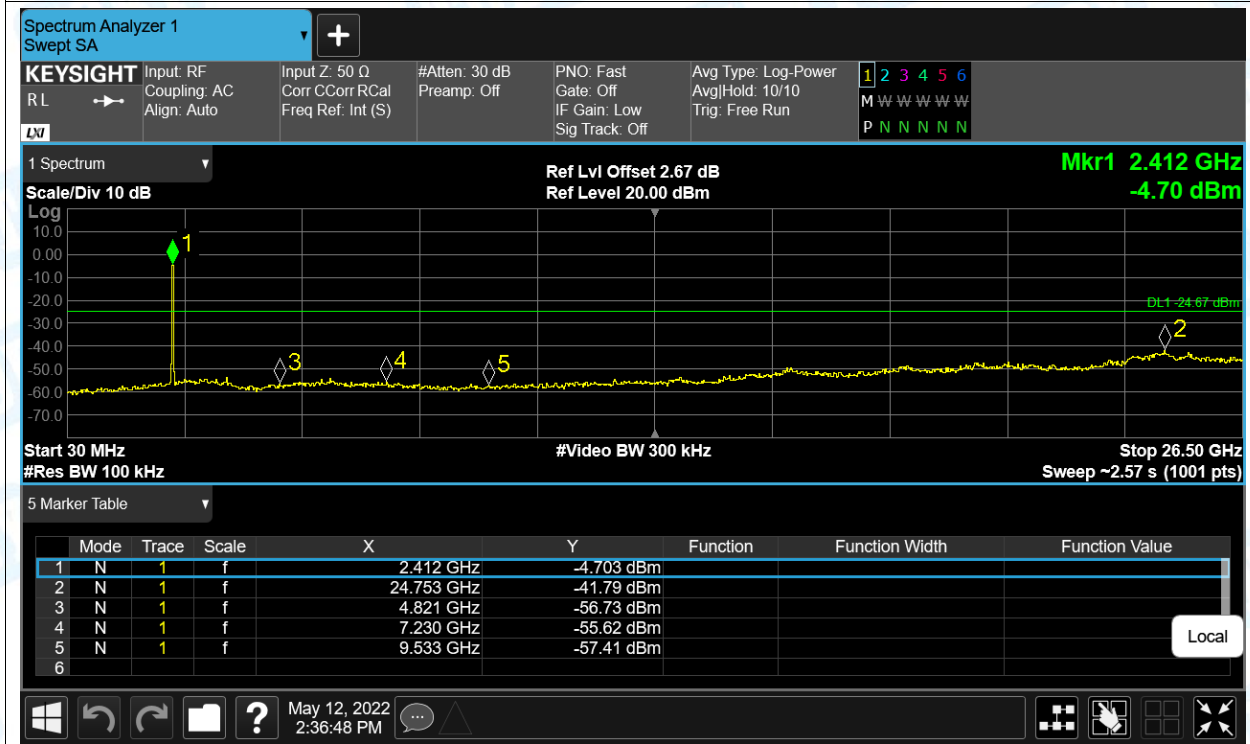
Tx. Spurious NVNT g 2462MHz Ant1 Emission



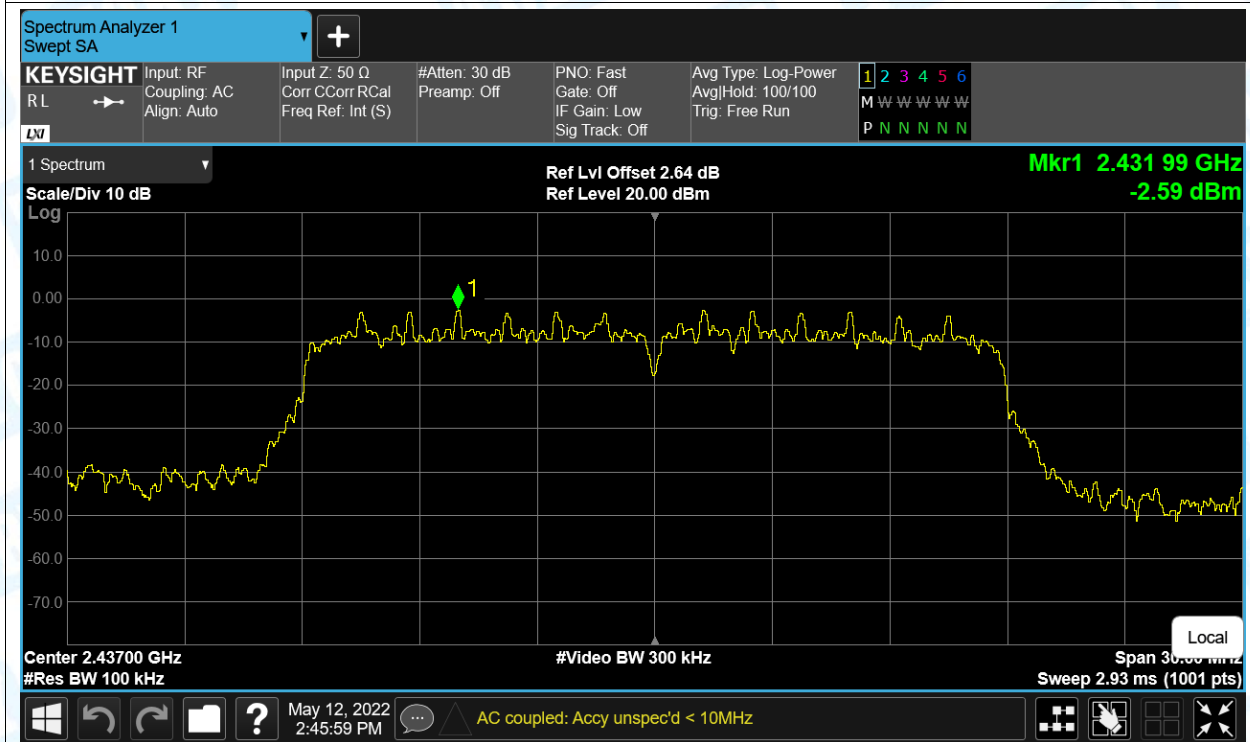
Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Ref



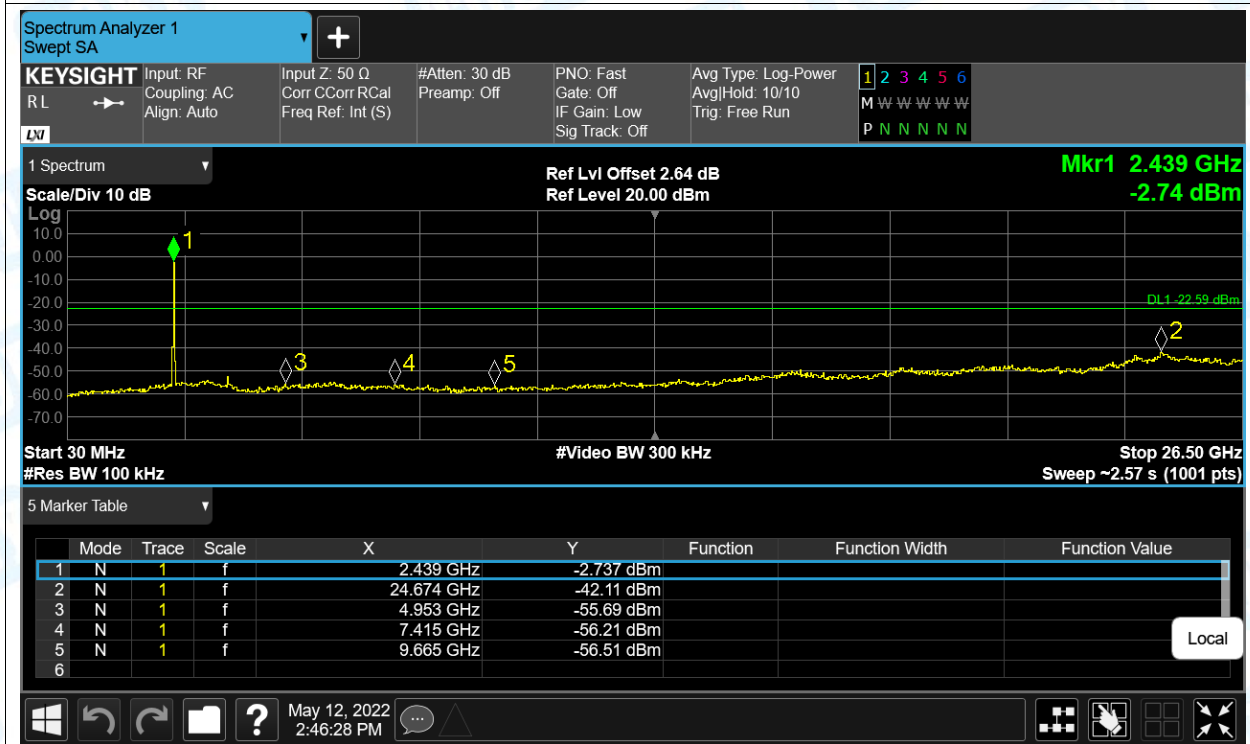
Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Emission



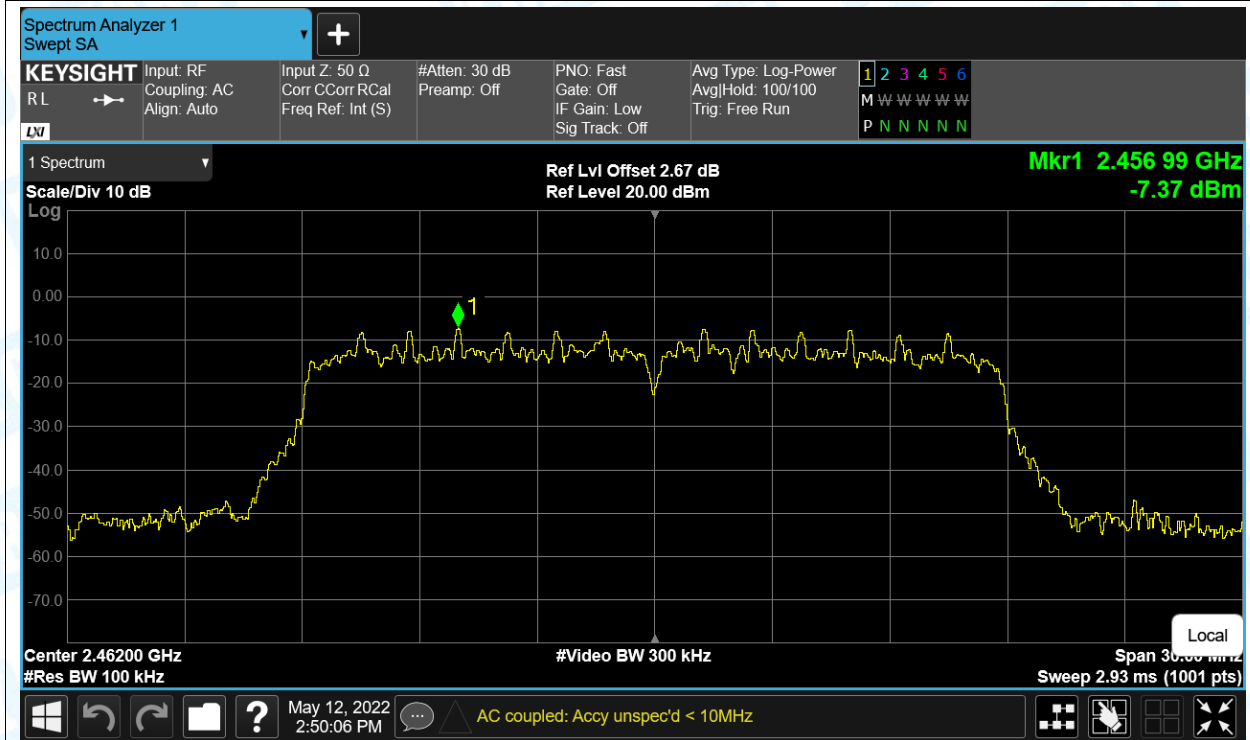
Tx. Spurious NVNT n(HT20) 2437MHz Ant1 Ref



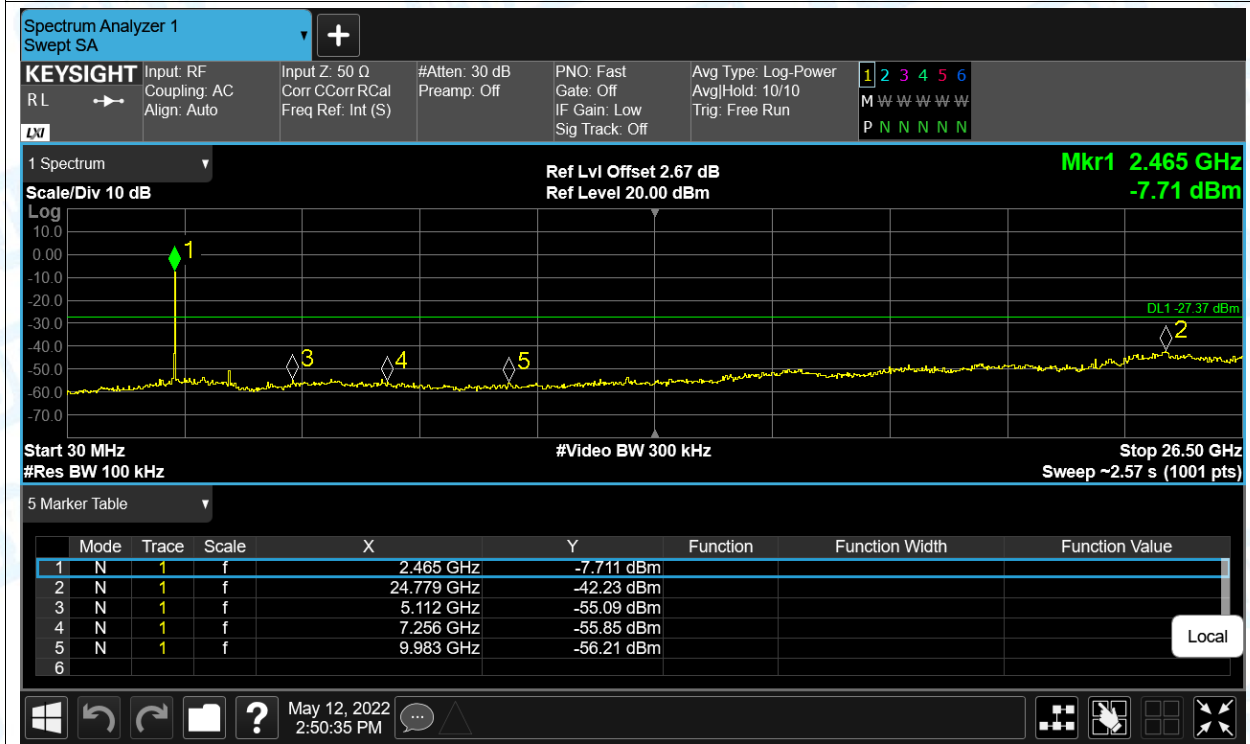
Tx. Spurious NVNT n(HT20) 2437MHz Ant1 Emission

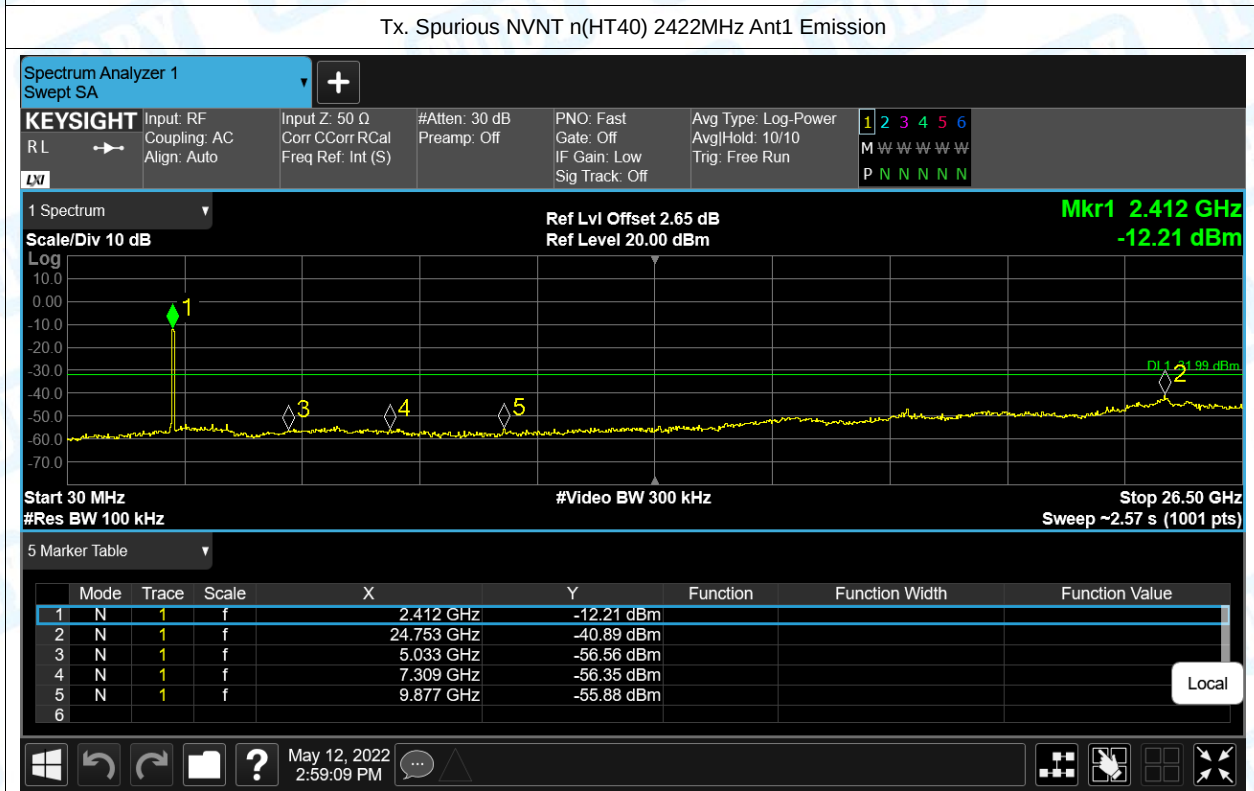
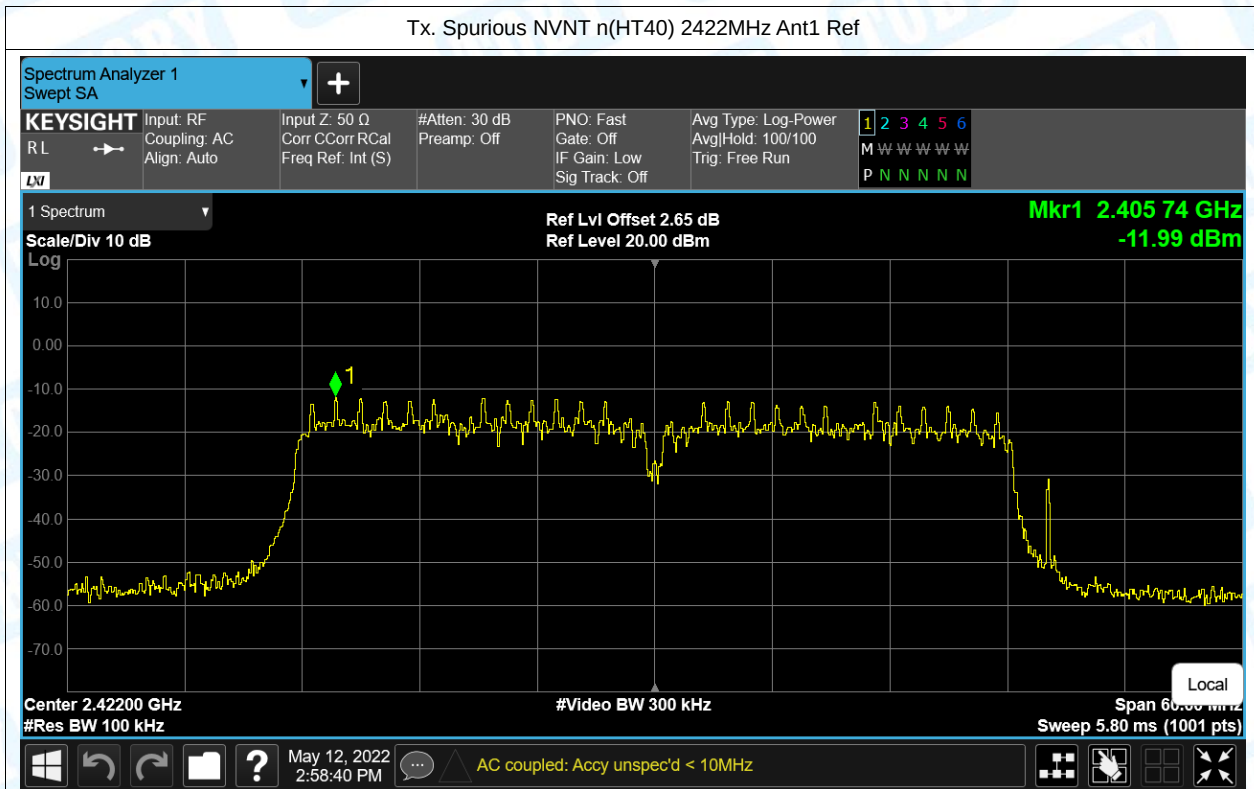


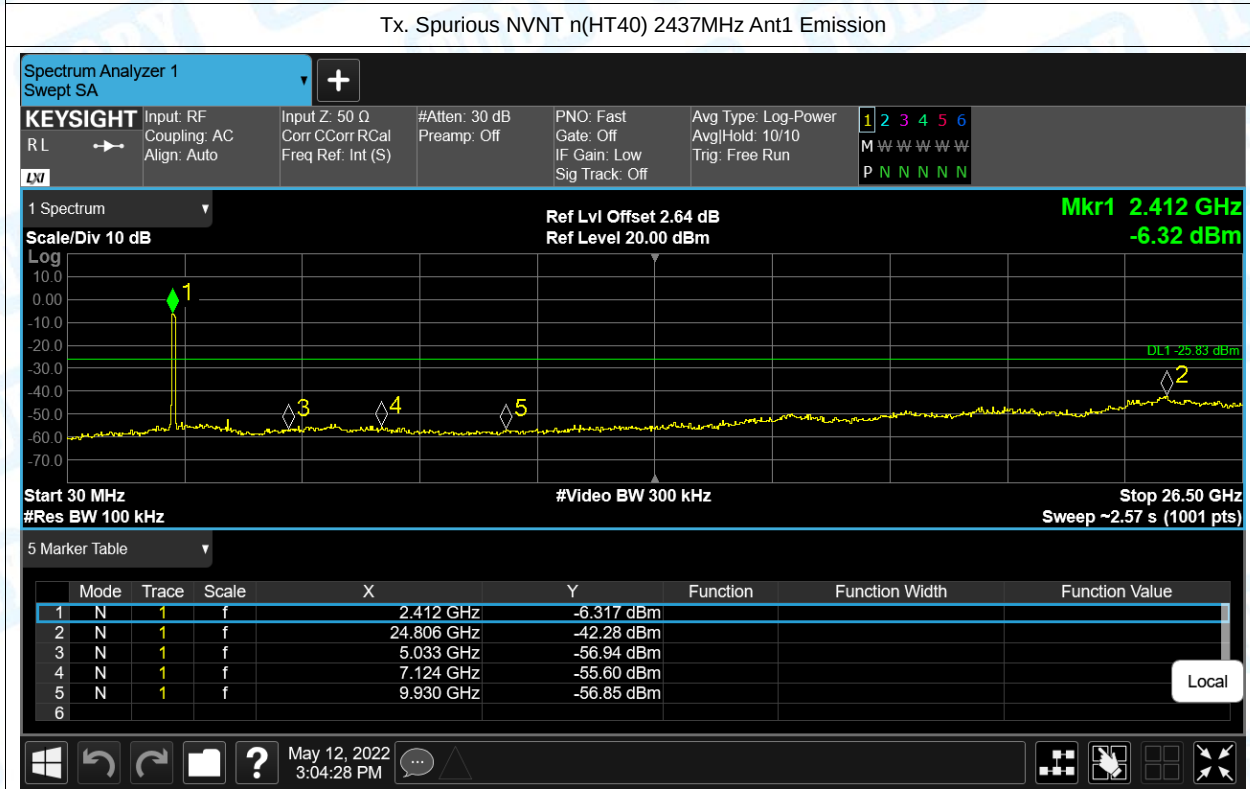
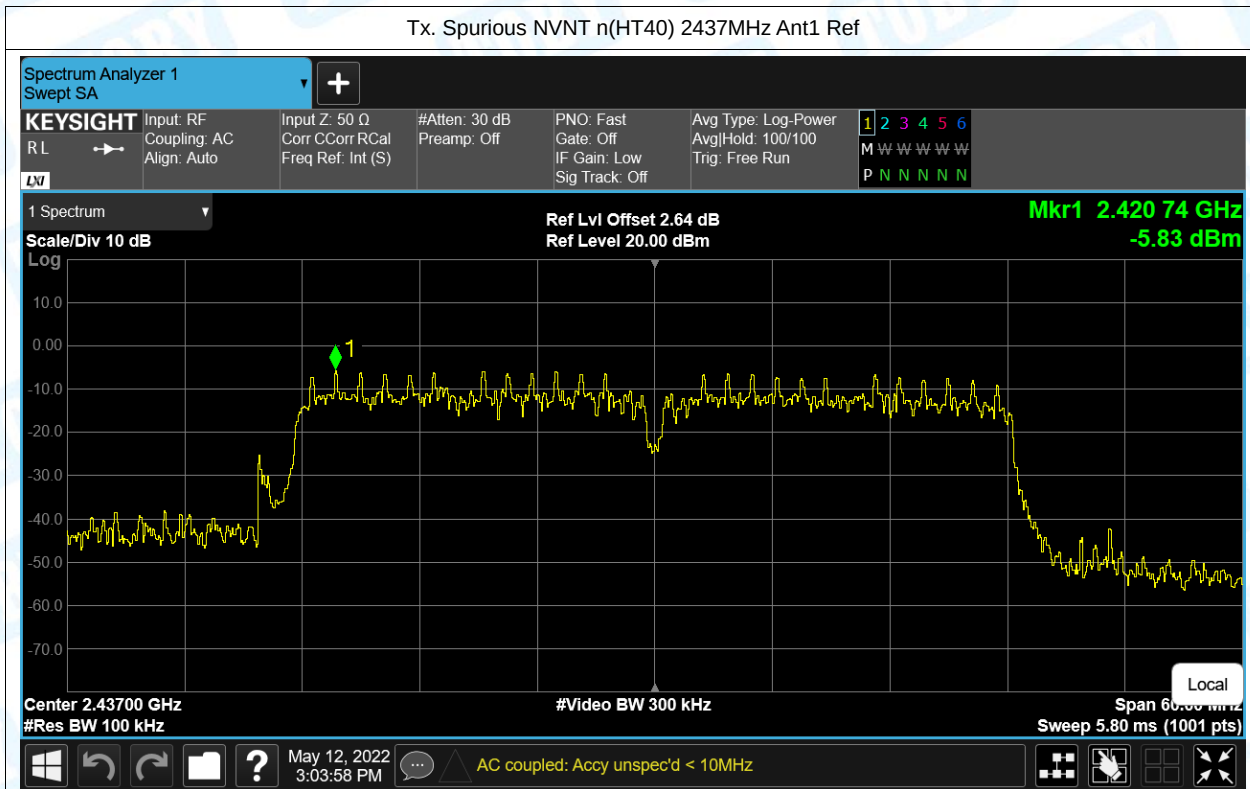
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Ref



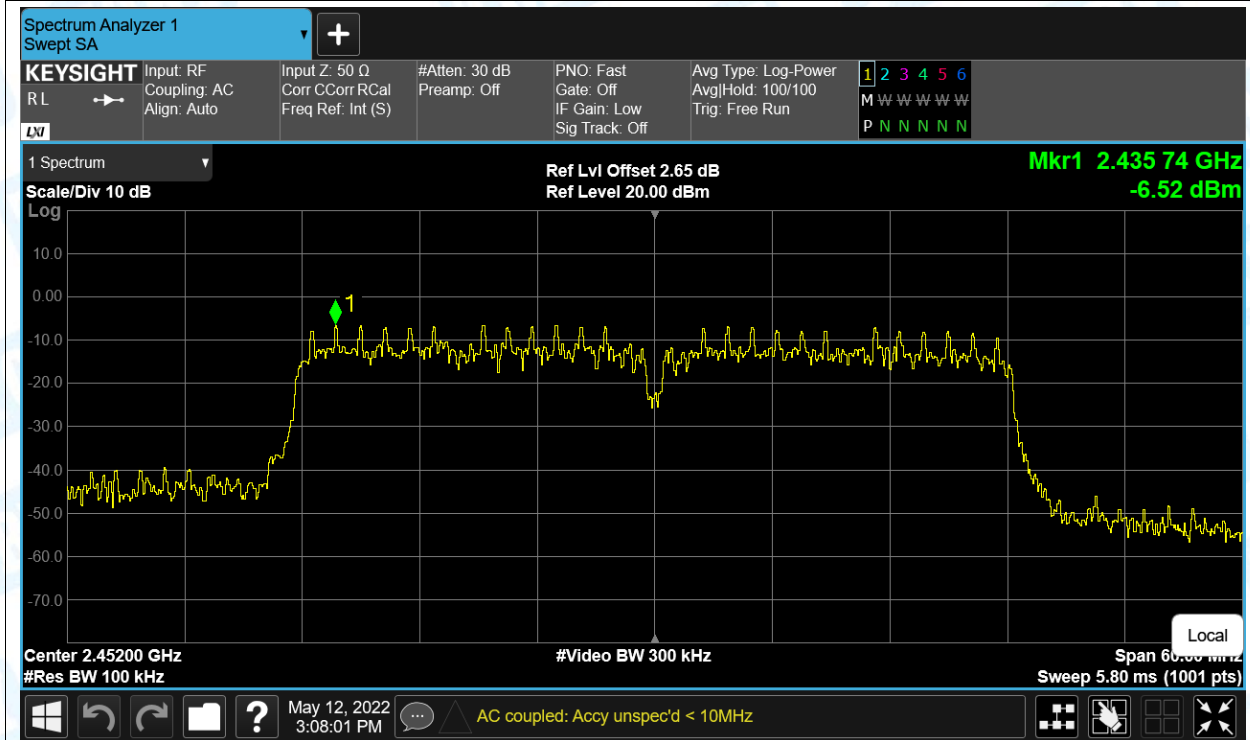
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Emission



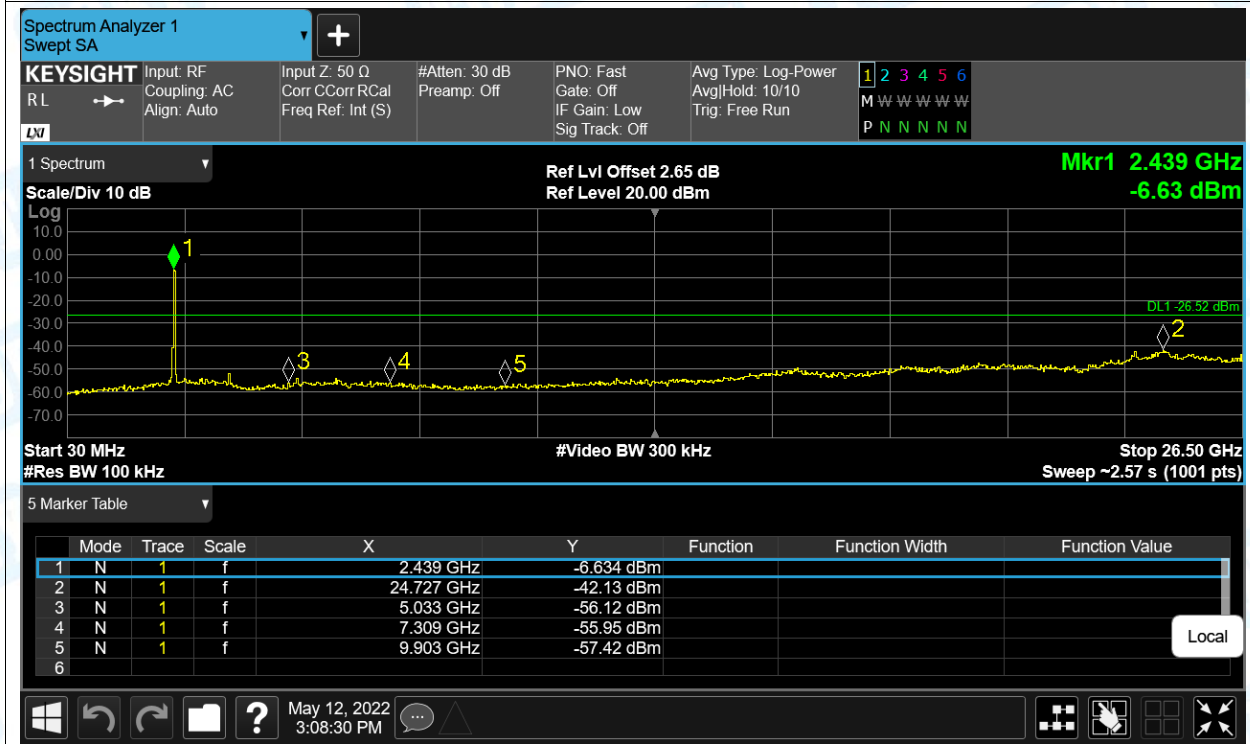




Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Ref



Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Emission



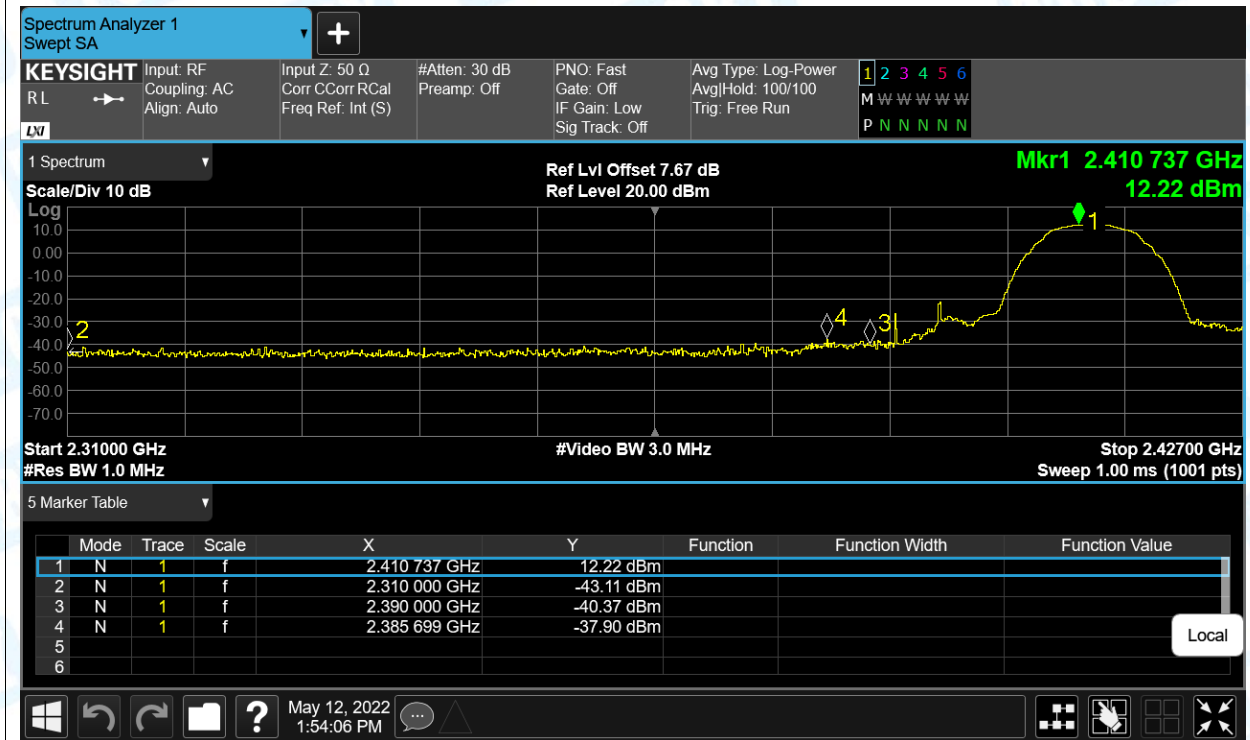
8. Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-43.11	4.17	57.15	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-54.31	4.17	45.95	Average	54	Pass
NVNT	b	2412	Ant1	2385.699	-37.9	4.17	62.36	Peak	74	Pass
NVNT	b	2412	Ant1	2389.677	-51.64	4.17	48.62	Average	54	Pass
NVNT	b	2412	Ant1	2390	-40.37	4.17	59.89	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-51.9	4.17	48.36	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-43.34	4.17	56.92	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-51.5	4.17	48.76	Average	54	Pass
NVNT	b	2462	Ant1	2490.46	-40.97	4.17	59.29	Peak	74	Pass
NVNT	b	2462	Ant1	2487.757	-51.38	4.17	48.88	Average	54	Pass
NVNT	b	2462	Ant1	2500	-44.69	4.17	55.57	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-53.69	4.17	46.57	Average	54	Pass
NVNT	g	2412	Ant1	2310	-42.81	4.17	57.45	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-51.64	4.17	48.62	Average	54	Pass
NVNT	g	2412	Ant1	2389.209	-40.51	4.17	59.75	Peak	74	Pass
NVNT	g	2412	Ant1	2389.56	-48.51	4.17	51.75	Average	54	Pass
NVNT	g	2412	Ant1	2390	-41.07	4.17	59.19	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-48.3	4.17	51.96	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-42.99	4.17	57.27	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-50.37	4.17	49.89	Average	54	Pass
NVNT	g	2462	Ant1	2491.838	-40.73	4.17	59.53	Peak	74	Pass
NVNT	g	2462	Ant1	2484.418	-49.5	4.17	50.76	Average	54	Pass
NVNT	g	2462	Ant1	2500	-44.79	4.17	55.47	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-51.66	4.17	48.6	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2310	-43.58	4.17	56.68	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2310	-51.8	4.17	48.46	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2389.209	-35.42	4.17	64.84	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2389.326	-48.72	4.17	51.54	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2390	-41.35	4.17	58.91	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2390	-48.23	4.17	52.03	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-41.4	4.17	58.86	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-50.76	4.17	49.5	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2484.63	-40.39	4.17	59.87	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.782	-49.88	4.17	50.38	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2500	-42.97	4.17	57.29	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2500	-51.22	4.17	49.04	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2310	-44.51	4.17	55.75	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2310	-51.35	4.17	48.91	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2386.254	-37.99	4.17	62.27	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2389.094	-48.04	4.17	52.22	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2390	-40.75	4.17	59.51	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2390	-48.26	4.17	52	Average	54	Pass

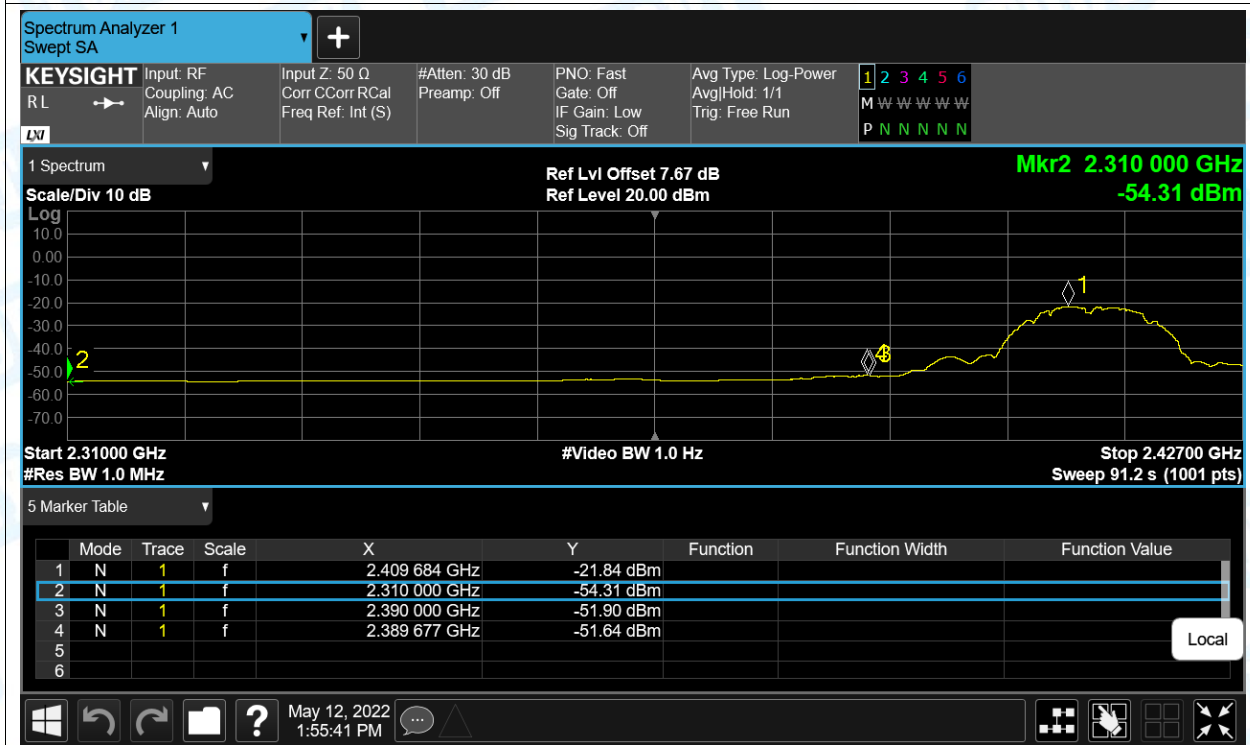
NVNT	n(HT40)	2452	Ant1	2483.5	-39.52	4.17	60.74	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2483.5	-47.4	4.17	52.86	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2495.008	-35.78	4.17	64.48	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2485.414	-46.75	4.17	53.51	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2500	-40.08	4.17	60.18	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2500	-50.94	4.17	49.32	Average	54	Pass

Test Graphs

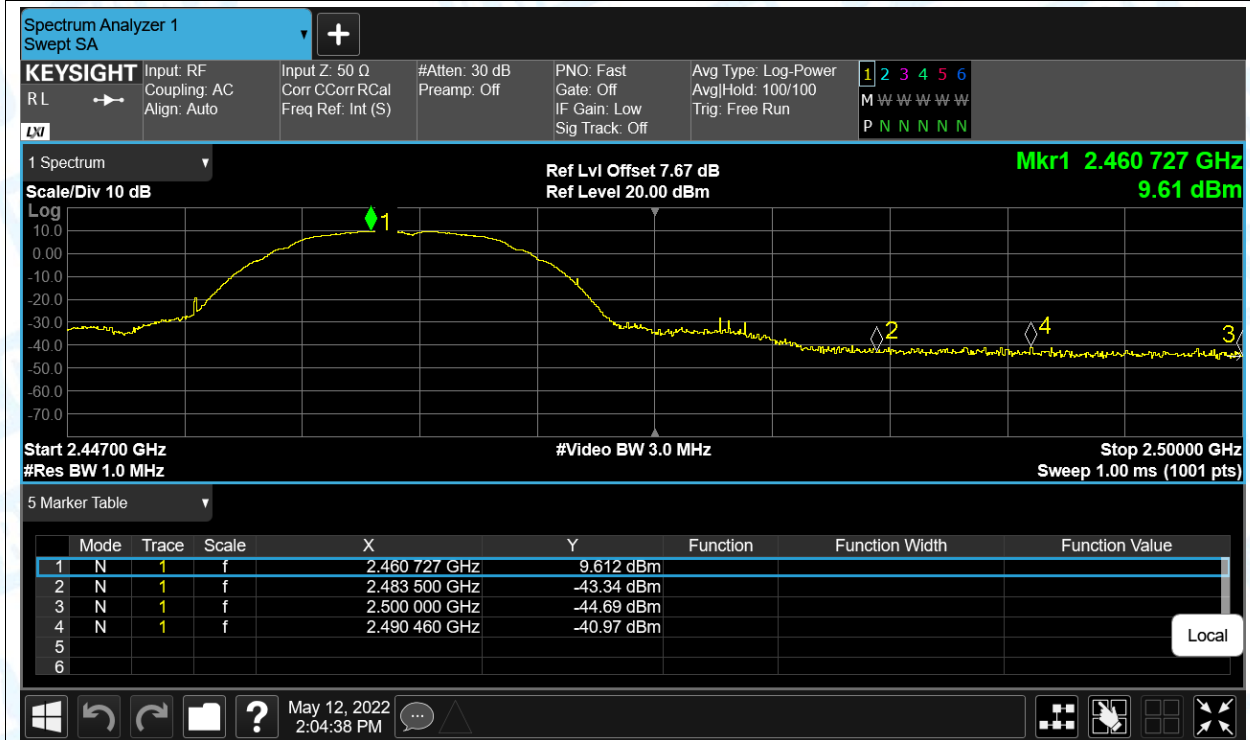
Restrict Band NVNT b 2412MHz Ant1 Peak



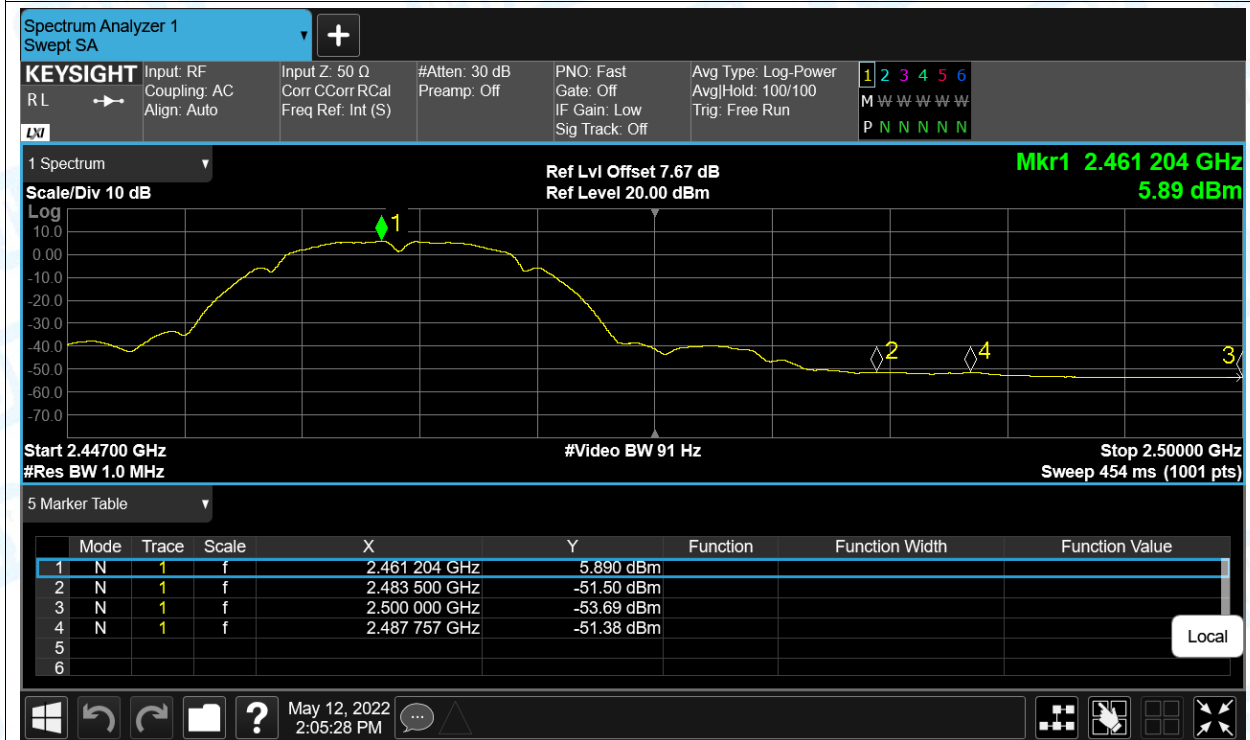
Restrict Band NVNT b 2412MHz Ant1 Average



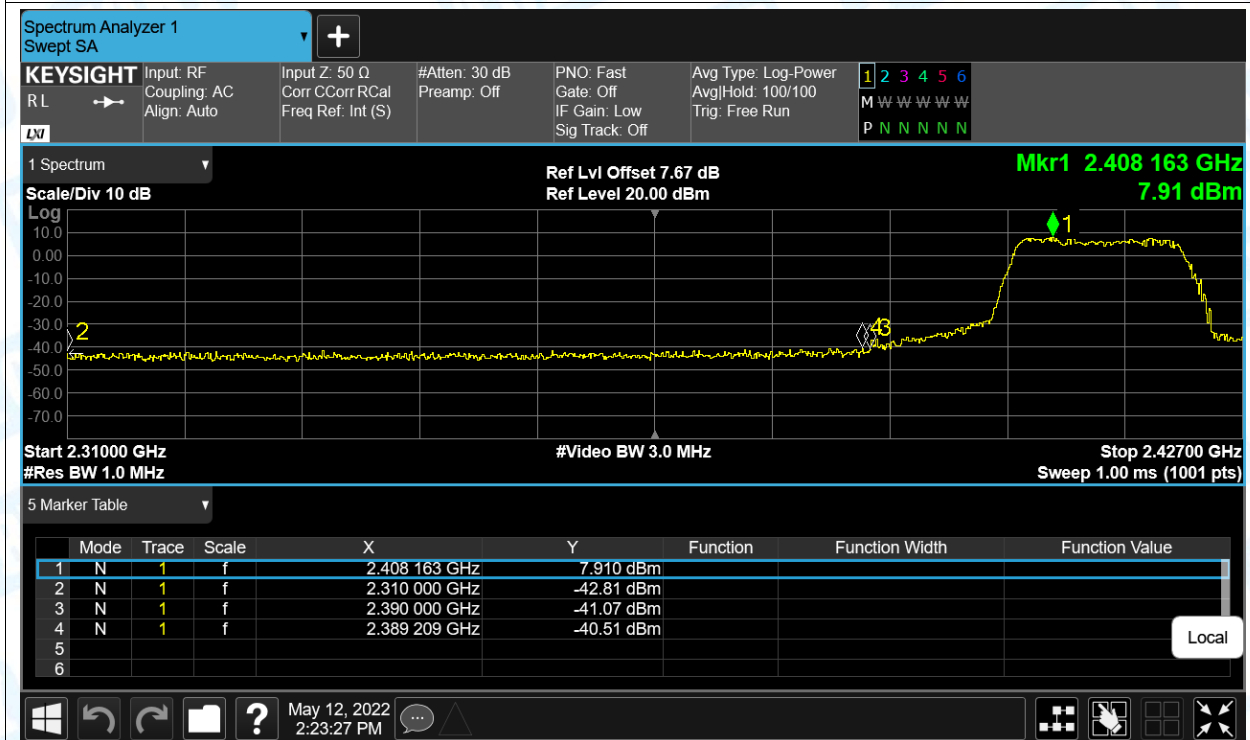
Restrict Band NVNT b 2462MHz Ant1 Peak



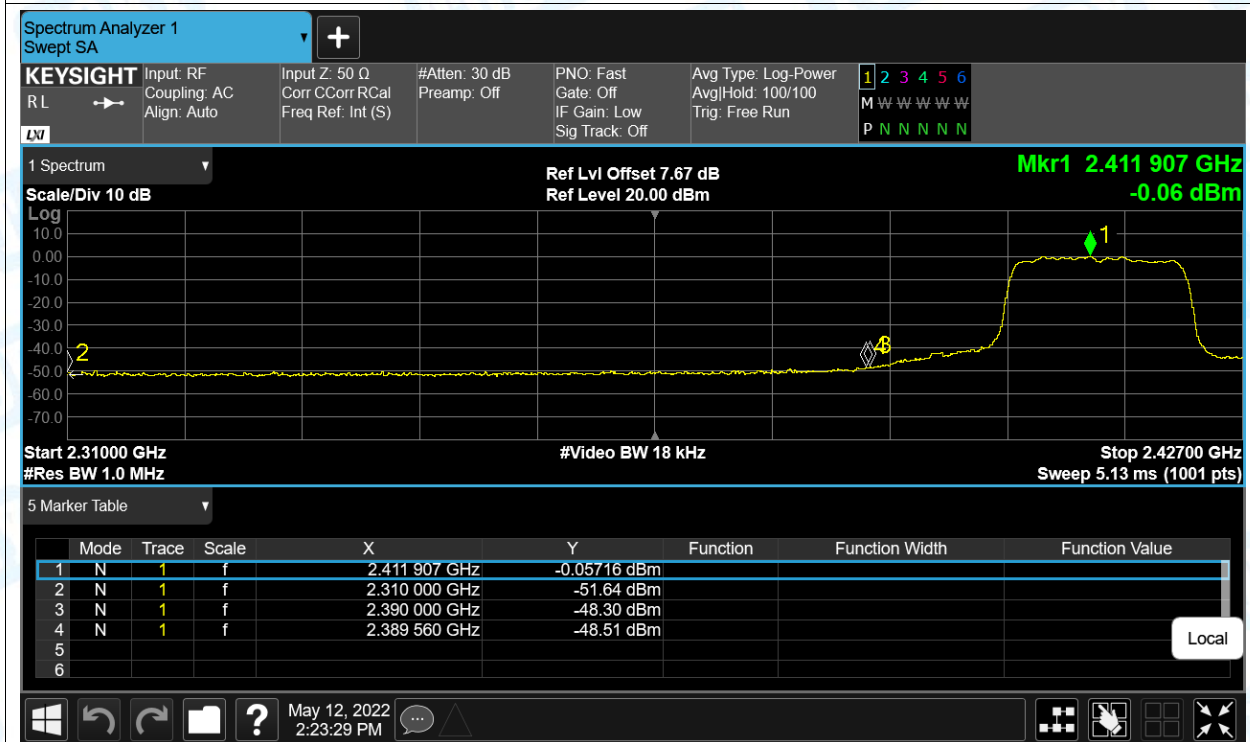
Restrict Band NVNT b 2462MHz Ant1 Average



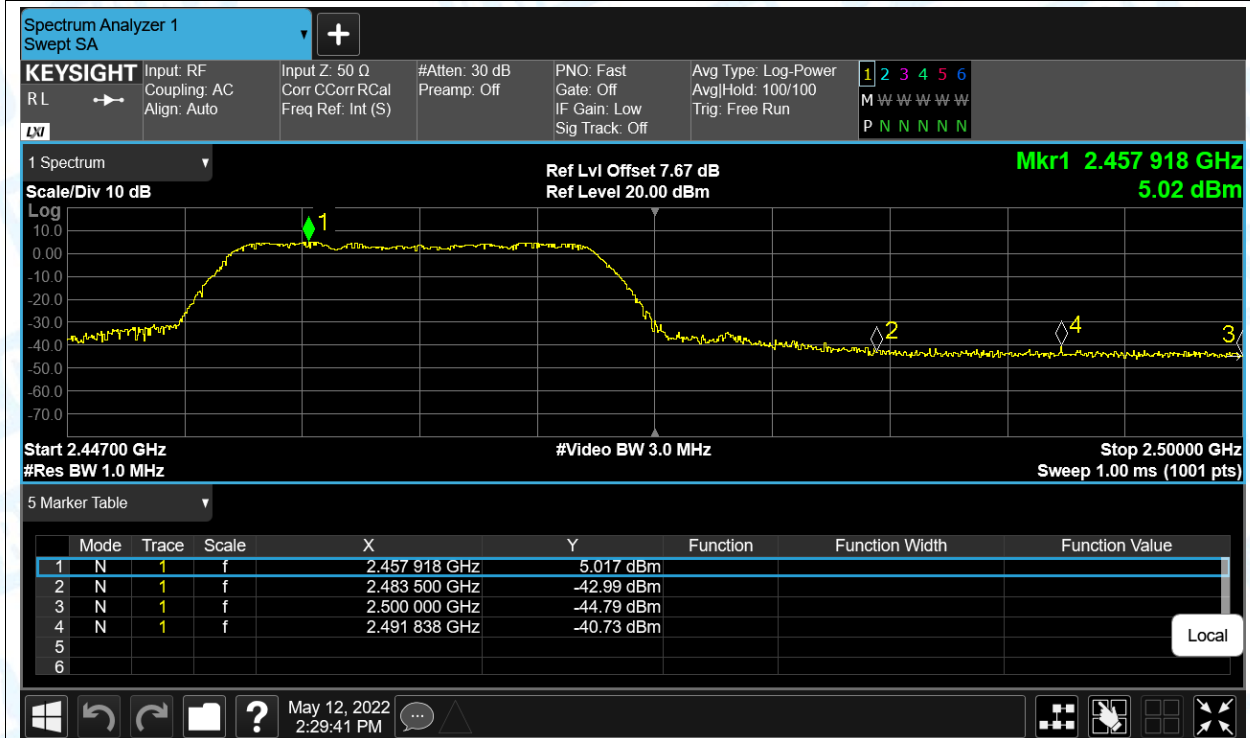
Restrict Band NVNT g 2412MHz Ant1 Peak



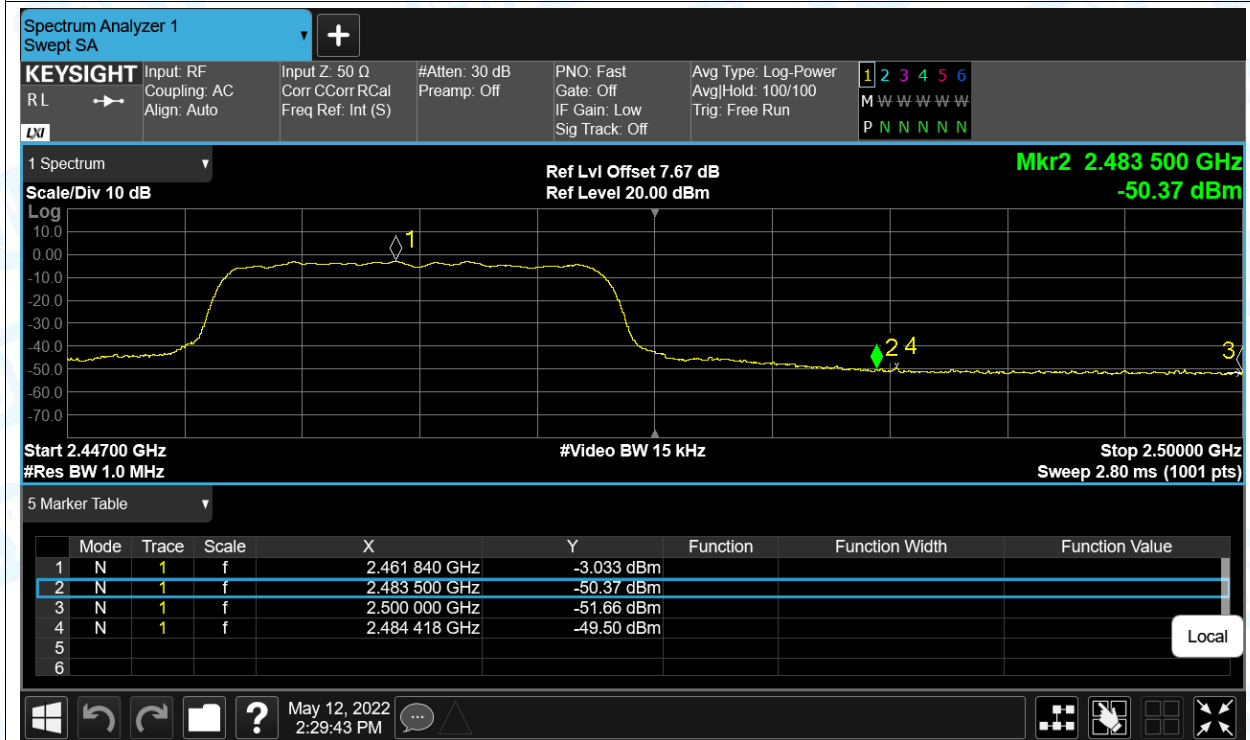
Restrict Band NVNT g 2412MHz Ant1 Average



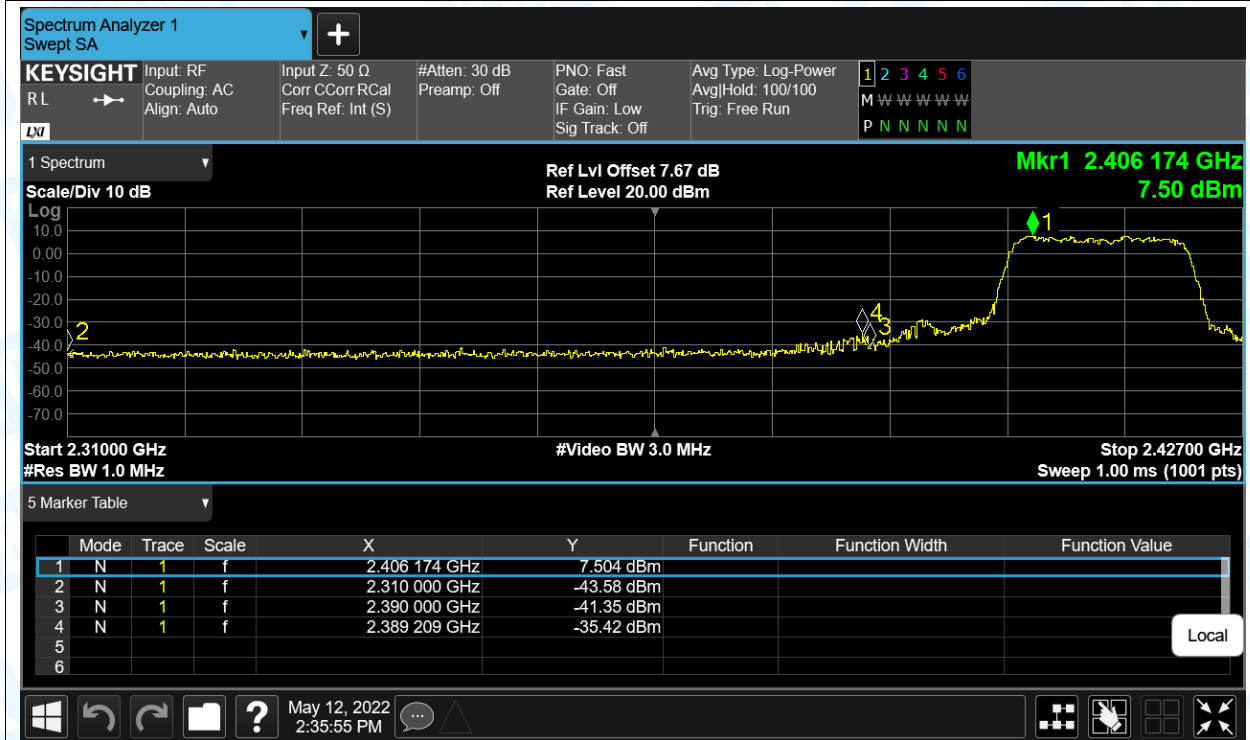
Restrict Band NVNT g 2462MHz Ant1 Peak



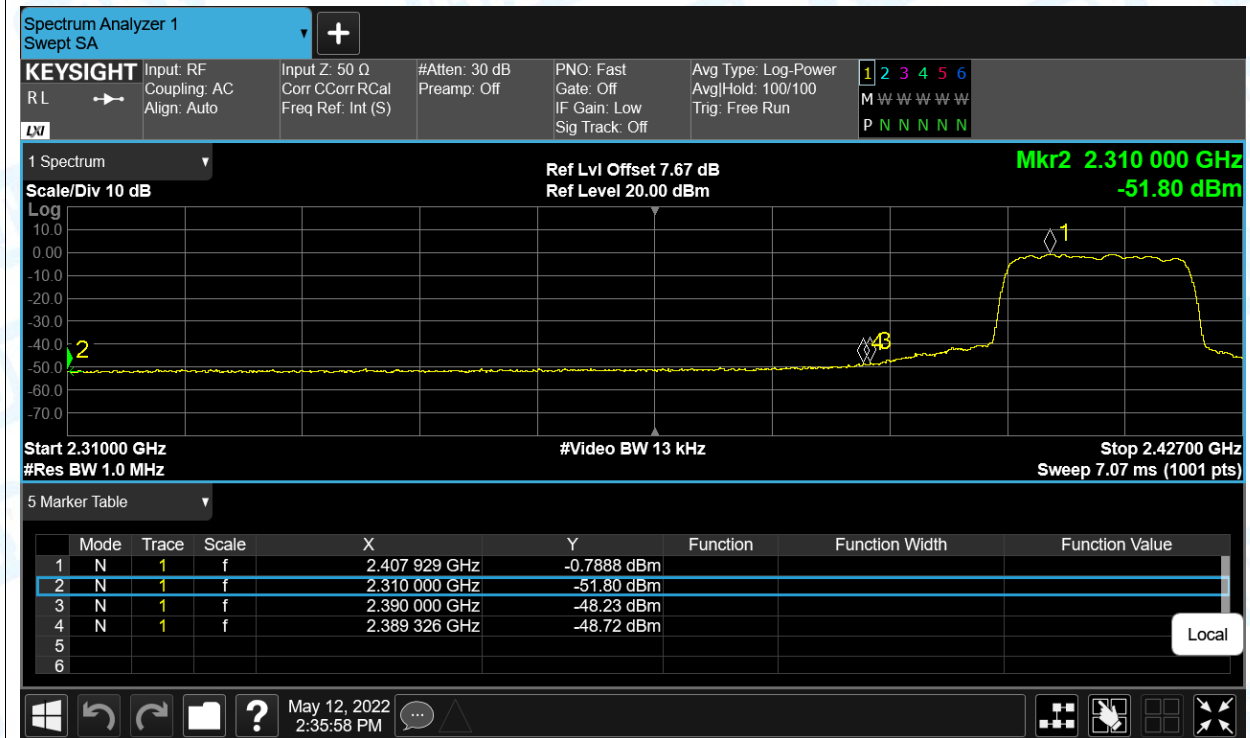
Restrict Band NVNT g 2462MHz Ant1 Average



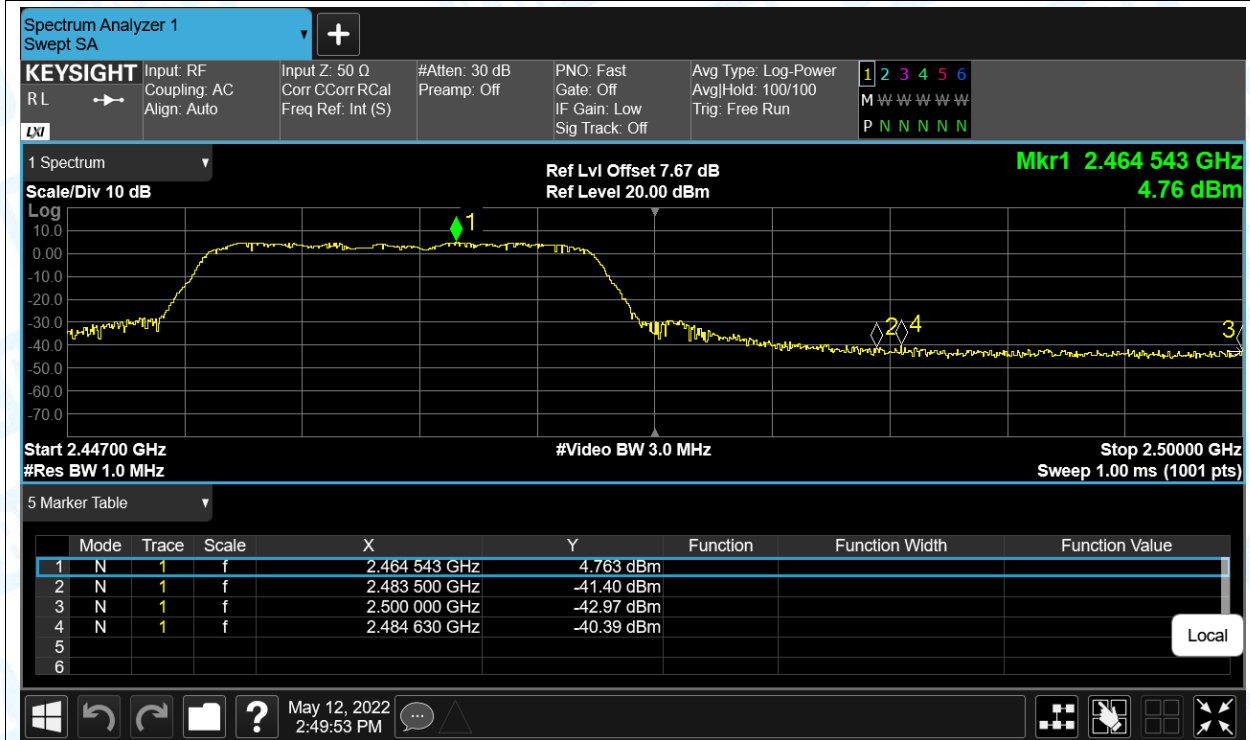
Restrict Band NVNT n(HT20) 2412MHz Ant1 Peak



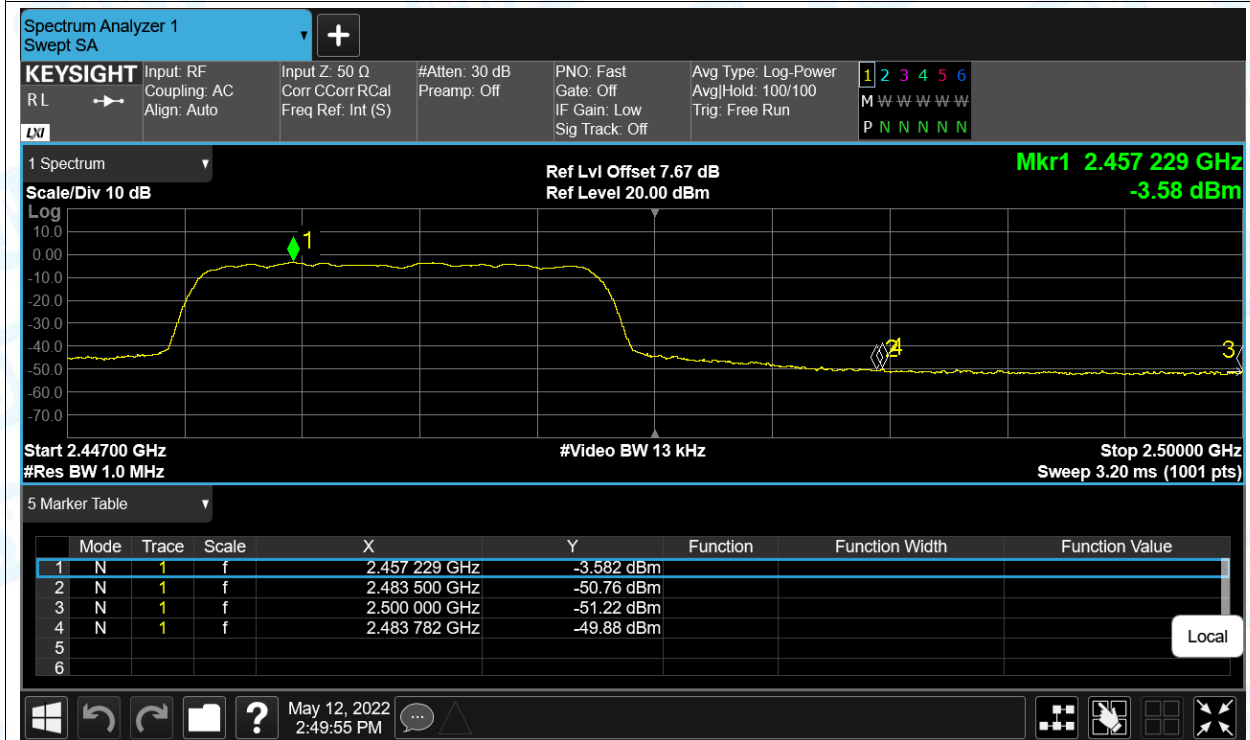
Restrict Band NVNT n(HT20) 2412MHz Ant1 Average



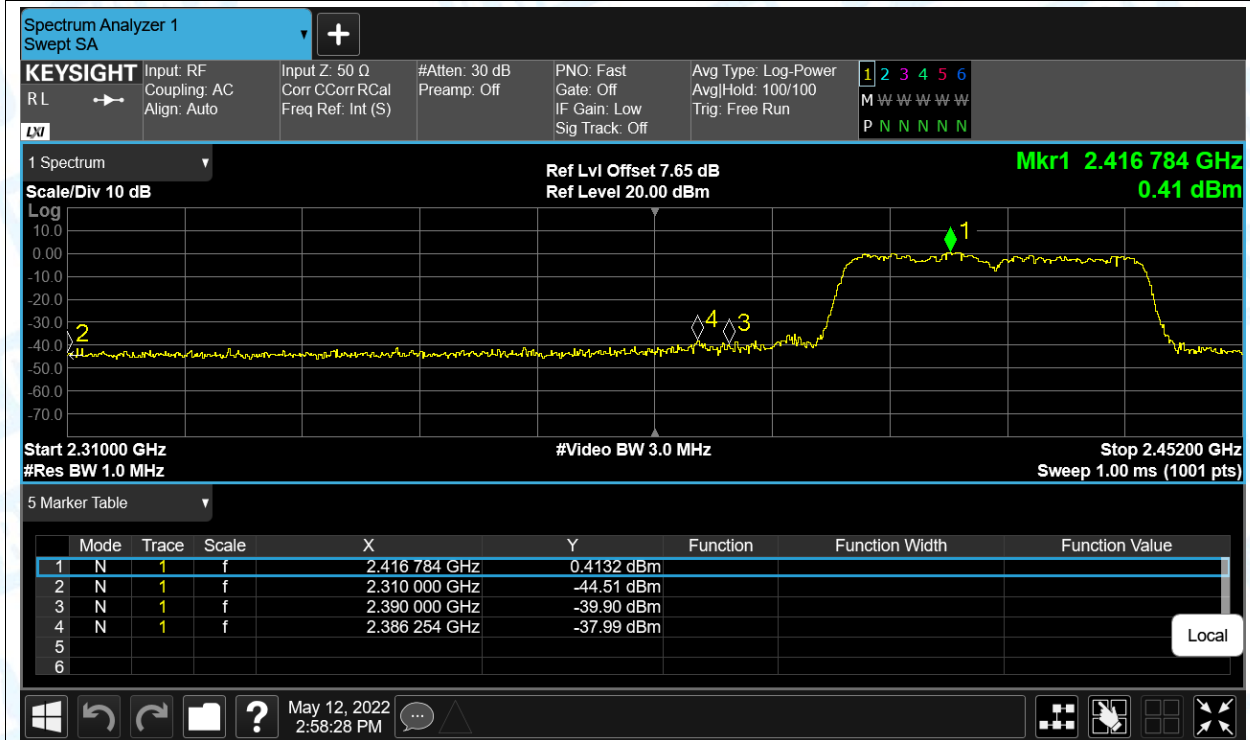
Restrict Band NVNT n(HT20) 2462MHz Ant1 Peak



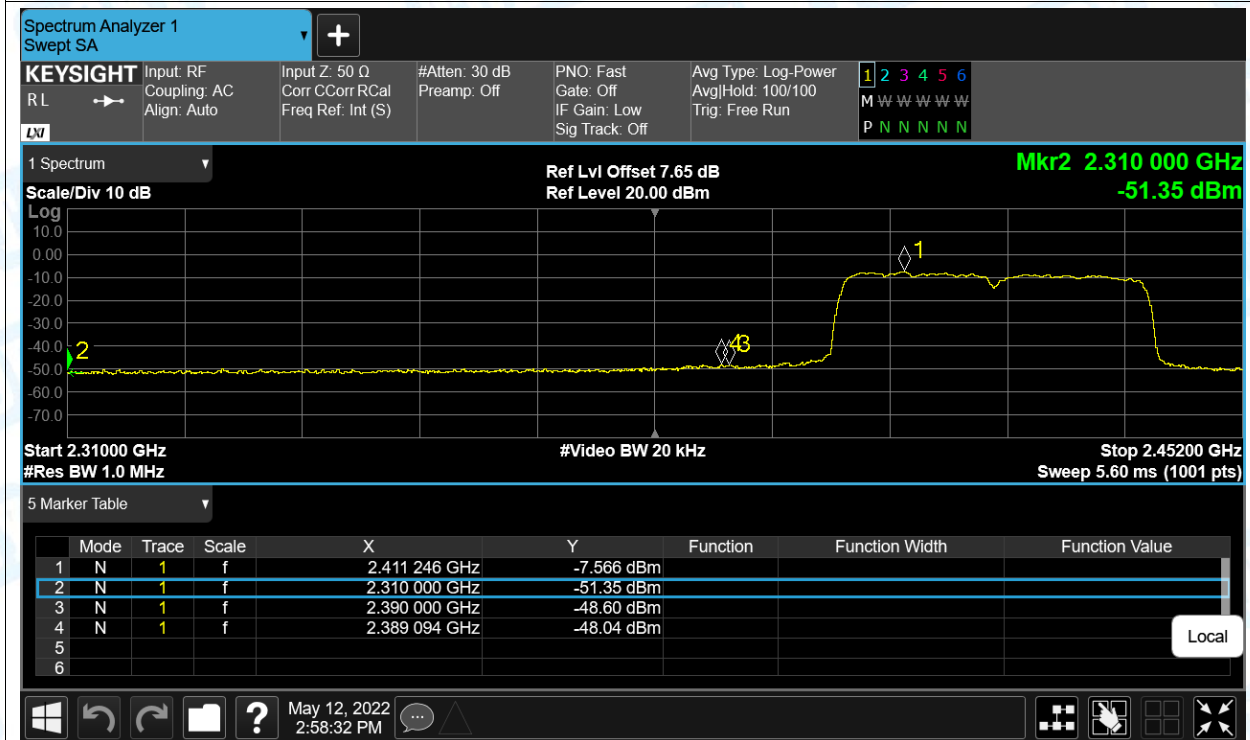
Restrict Band NVNT n(HT20) 2462MHz Ant1 Average



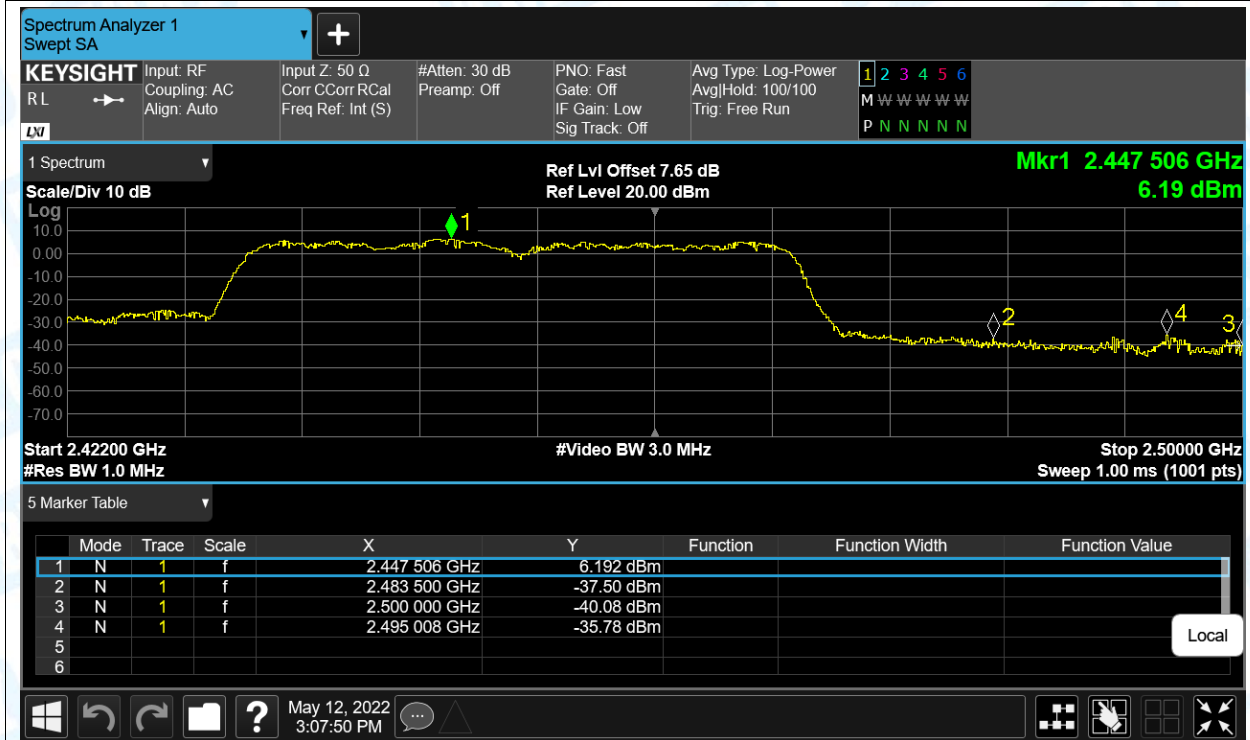
Restrict Band NVNT n(HT40) 2422MHz Ant1 Peak



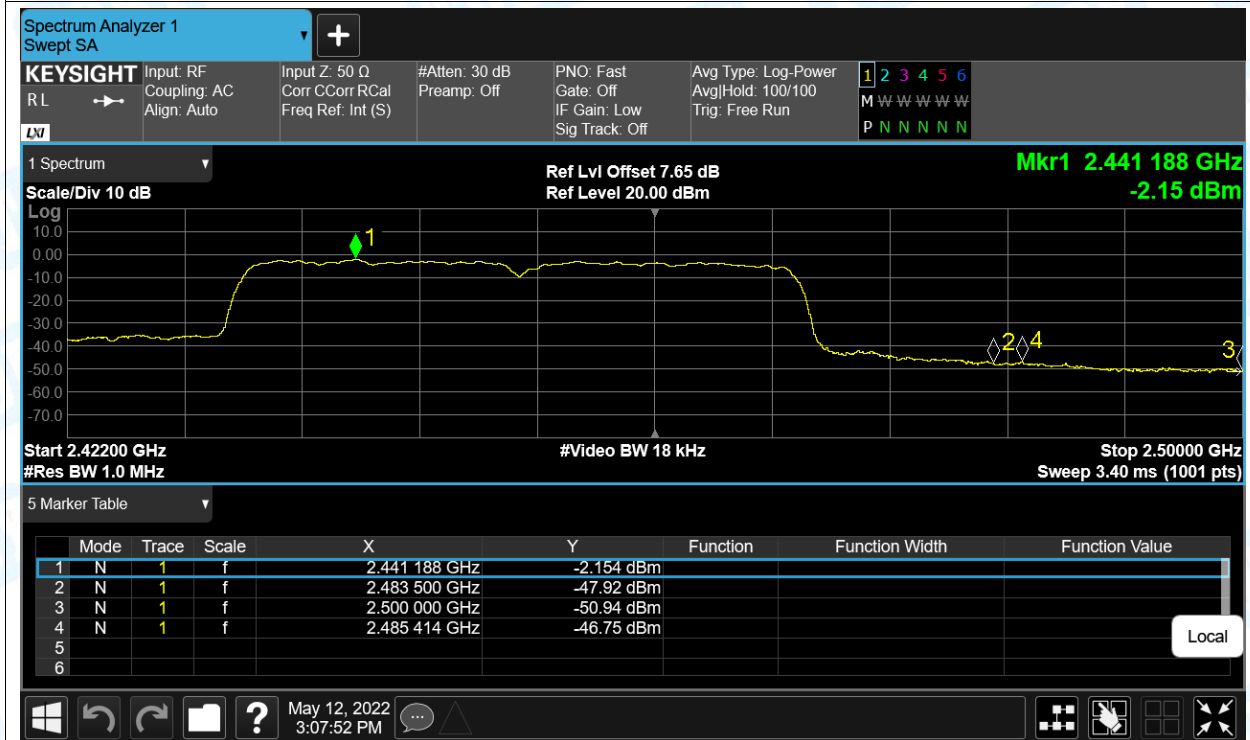
Restrict Band NVNT n(HT40) 2422MHz Ant1 Average



Restrict Band NVNT n(HT40) 2452MHz Ant1 Peak



Restrict Band NVNT n(HT40) 2452MHz Ant1 Average



-----End of the report-----