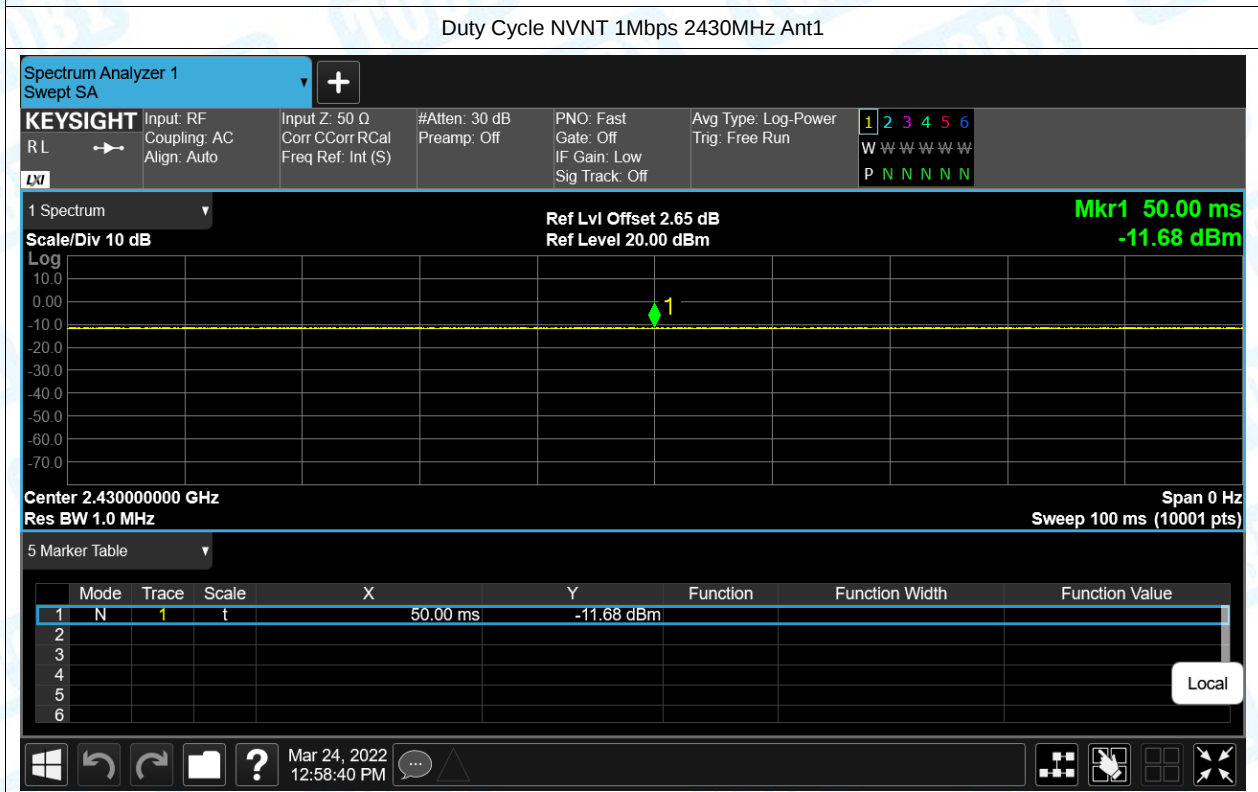
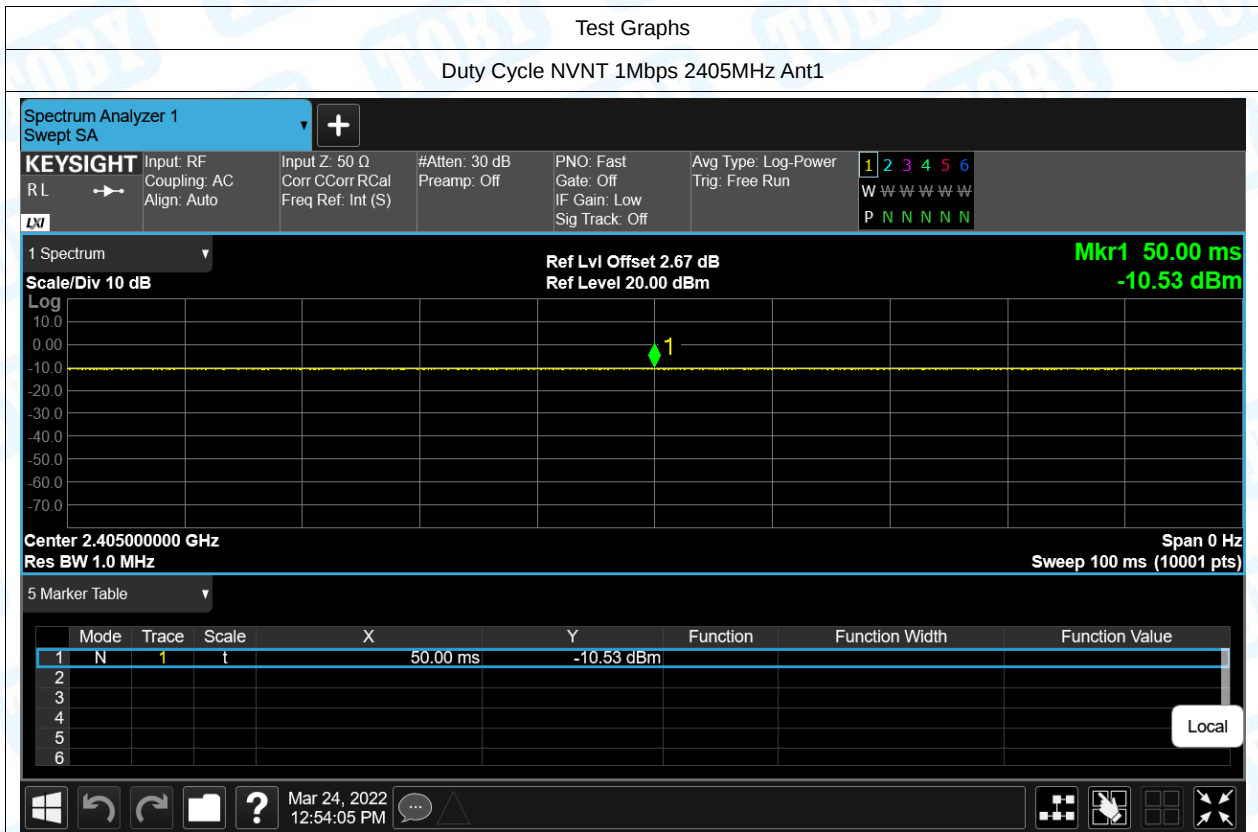


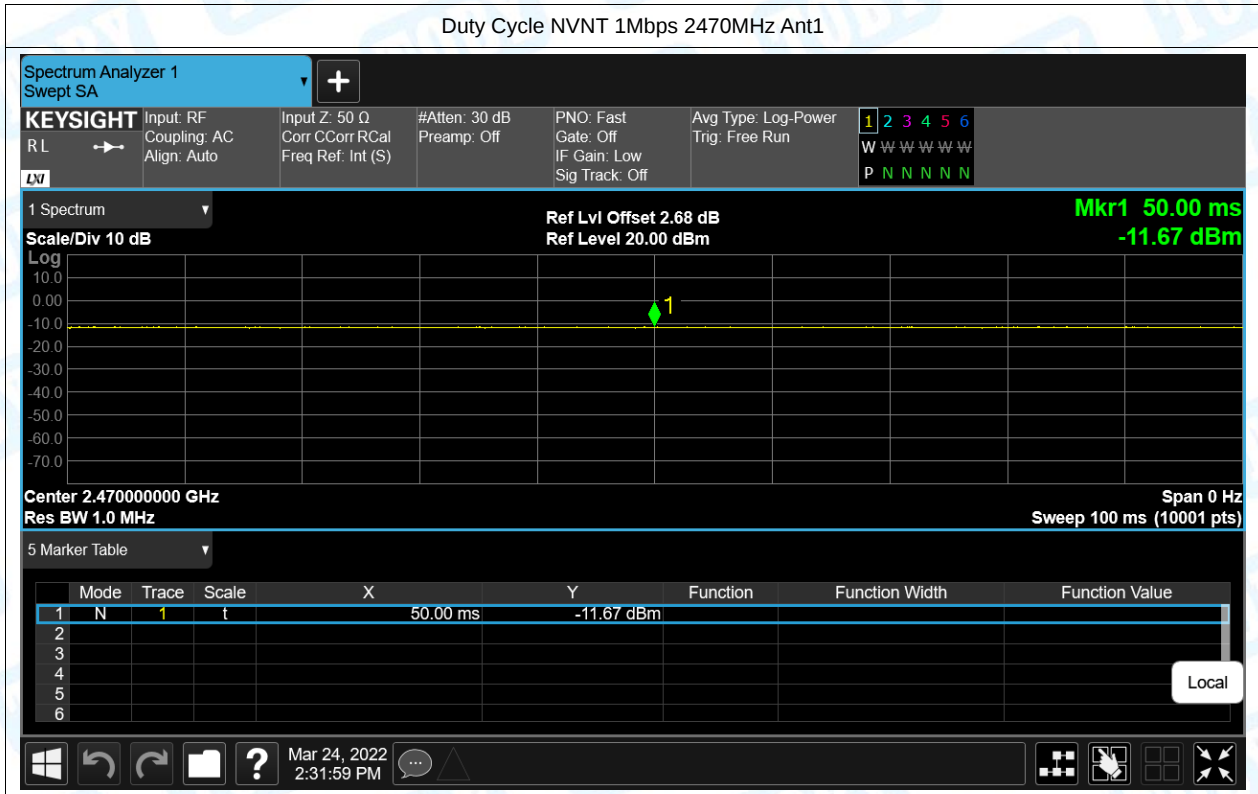
RF Test Data for 2.4G (Conducted Measurements)

General Description of EUT	
Product Name:	2.4G Wireless Numeric Keypad
Test Model:	NK606
Sample ID:	202202-0250-1-2#
Environmental Conditions	
Temperature:	24℃
Relative Humidity:	50%
Test Voltage:	DC3.7V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202202-0250-1.	

Duty Cycle

Condition	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	2405	Ant1	100	0	0
NVNT	2430	Ant1	100	0	0
NVNT	2470	Ant1	100	0	0



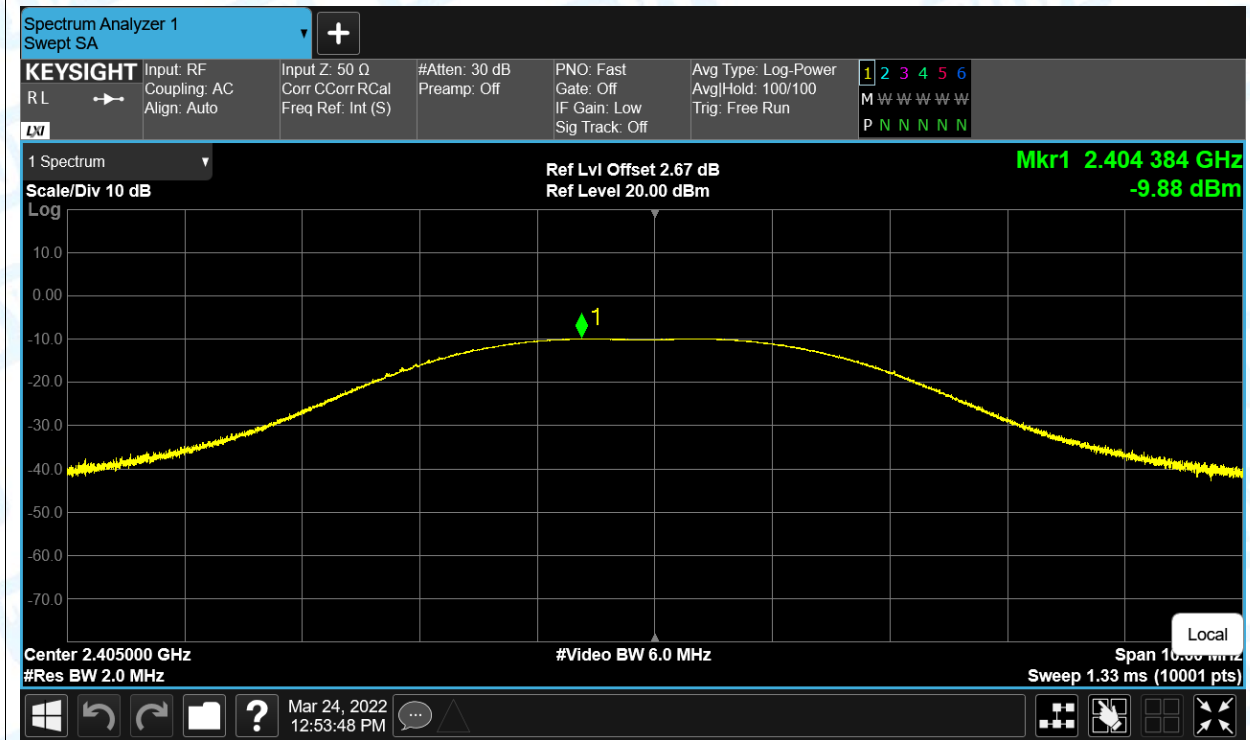


Maximum Conducted Output Power

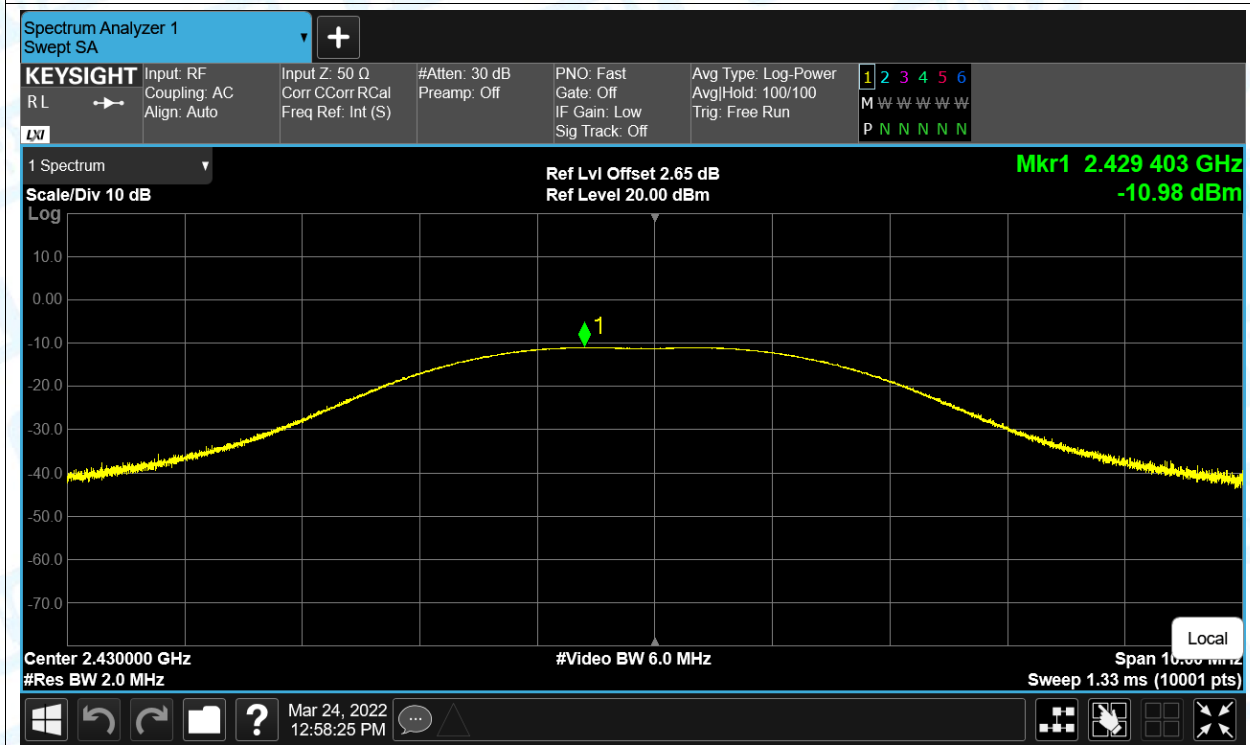
Condition	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	2405	Ant1	-9.881	30	Pass
NVNT	2430	Ant1	-10.983	30	Pass
NVNT	2470	Ant1	-10.95	30	Pass

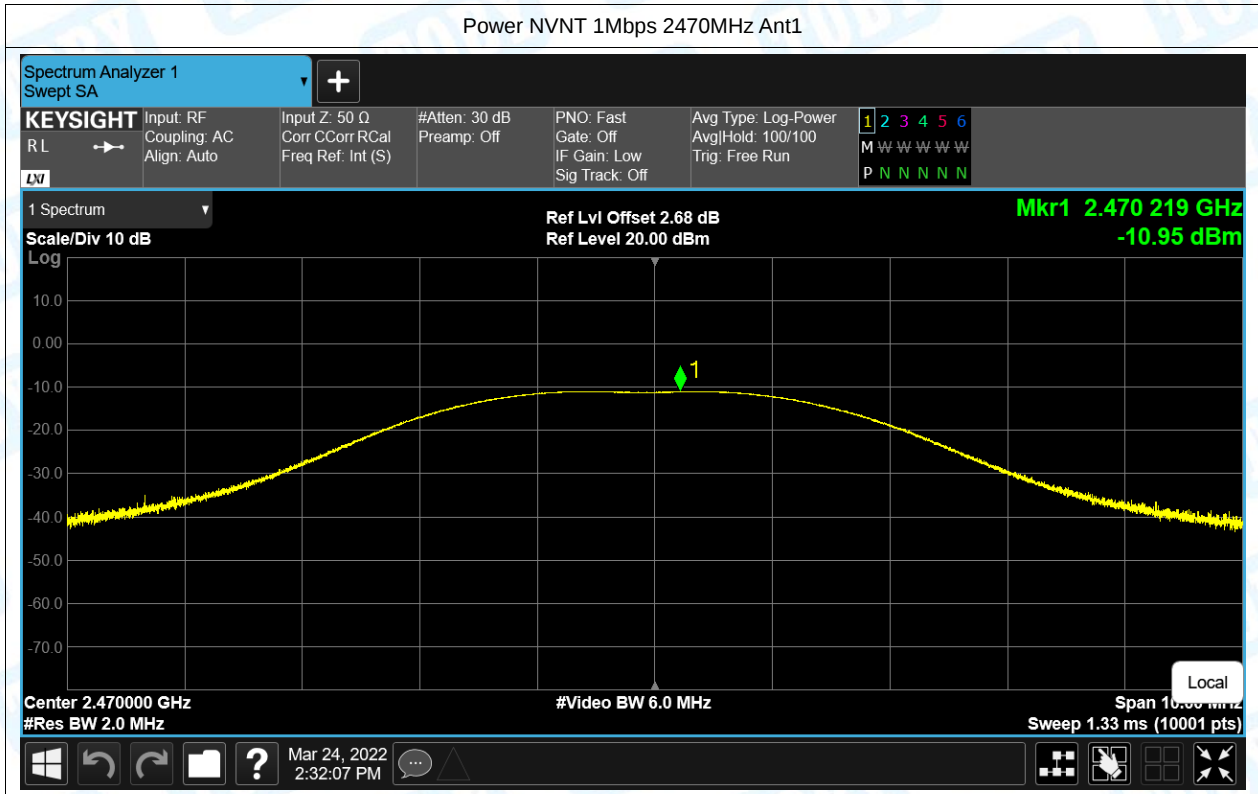
Test Graphs

Power NVNT 1Mbps 2405MHz Ant1



Power NVNT 1Mbps 2430MHz Ant1

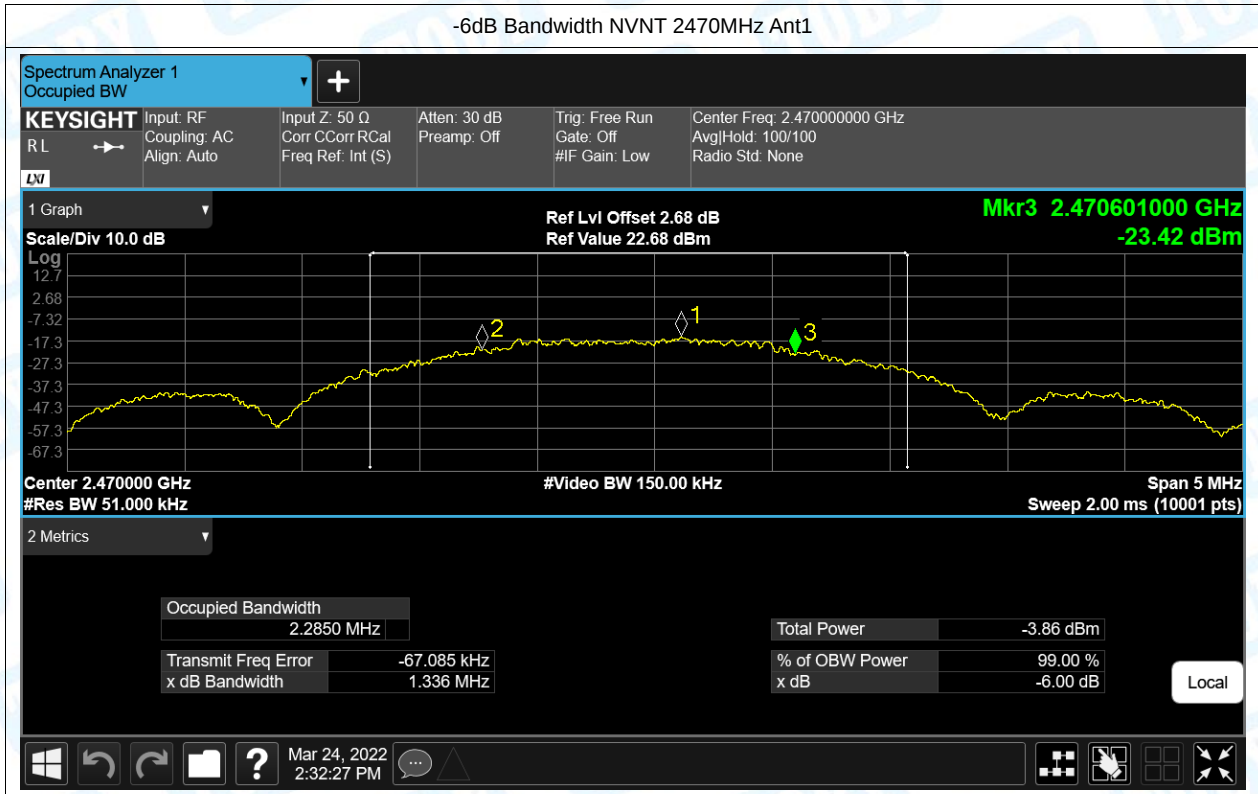




-6dB Bandwidth

Condition	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	2405	Ant1	1.37	0.5	Pass
NVNT	2430	Ant1	1.35	0.5	Pass
NVNT	2470	Ant1	1.34	0.5	Pass



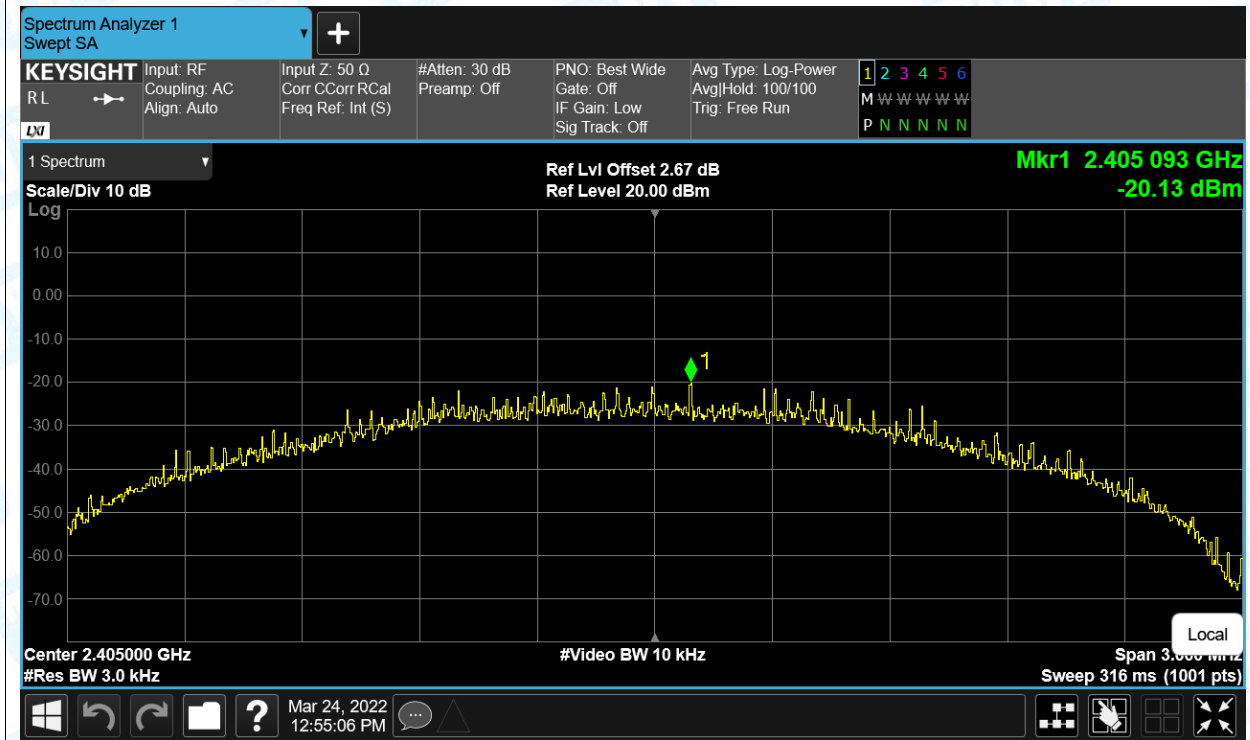


Maximum Power Spectral Density Level

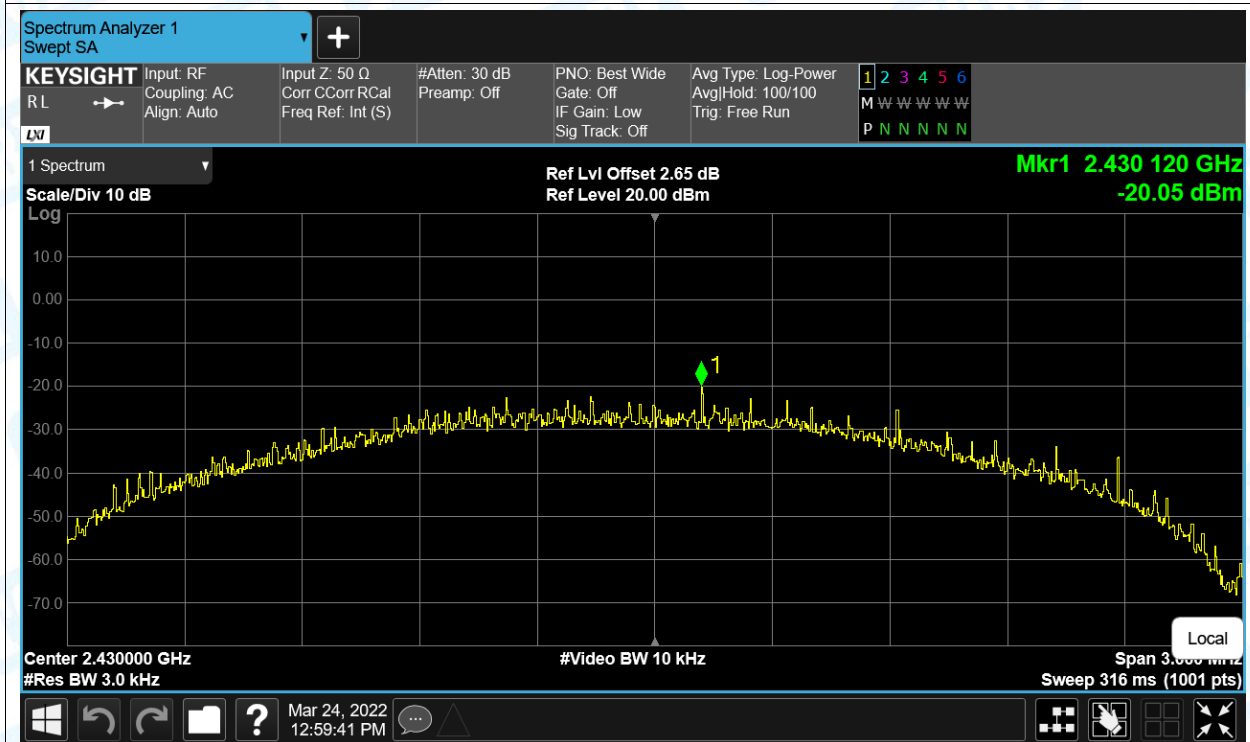
Condition	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	2405	Ant1	-20.134	8	Pass
NVNT	2430	Ant1	-20.053	8	Pass
NVNT	2470	Ant1	-19.793	8	Pass

Test Graphs

PSD NVNT 2405MHz Ant1



PSD NVNT 2430MHz Ant1





Band Edge

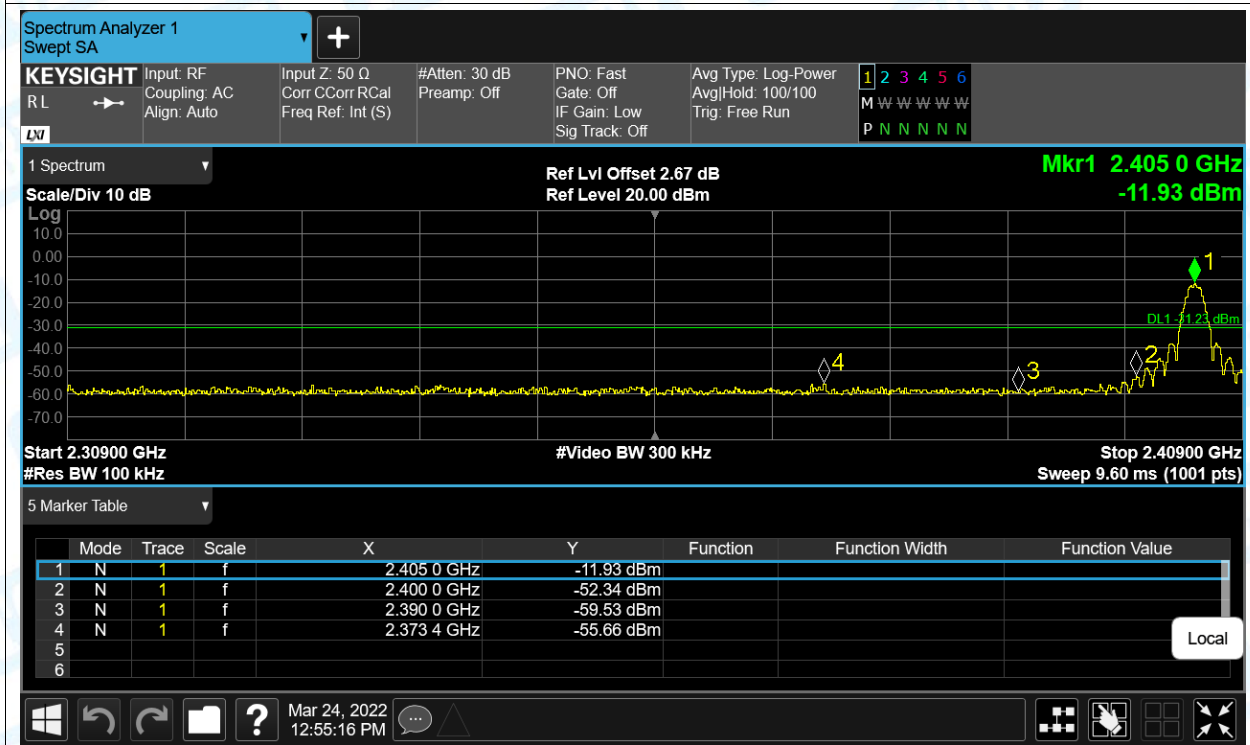
Condition	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2405	Ant1	-44.43	-20	Pass
NVNT	2470	Ant1	-42.3	-20	Pass

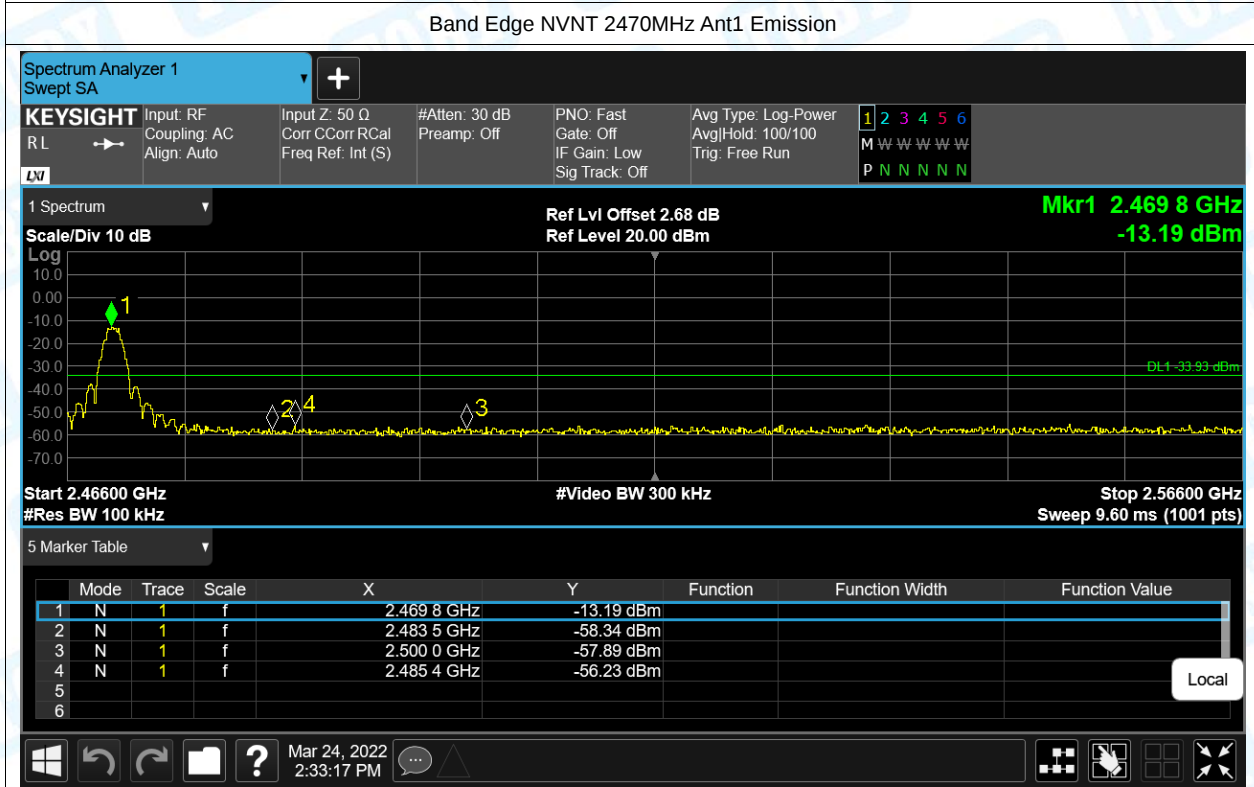
Test Graphs

Band Edge NVNT 2405MHz Ant1 Ref



Band Edge NVNT 2405MHz Ant1 Emission



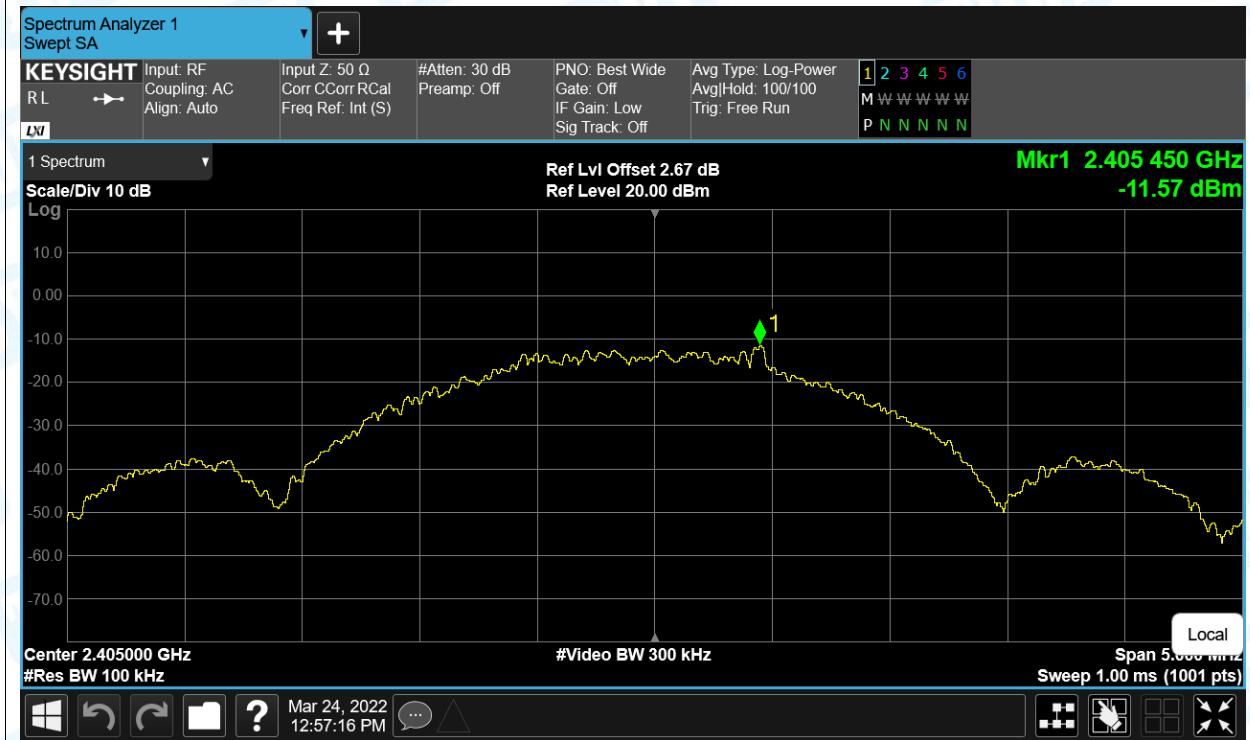


Conducted RF Spurious Emission

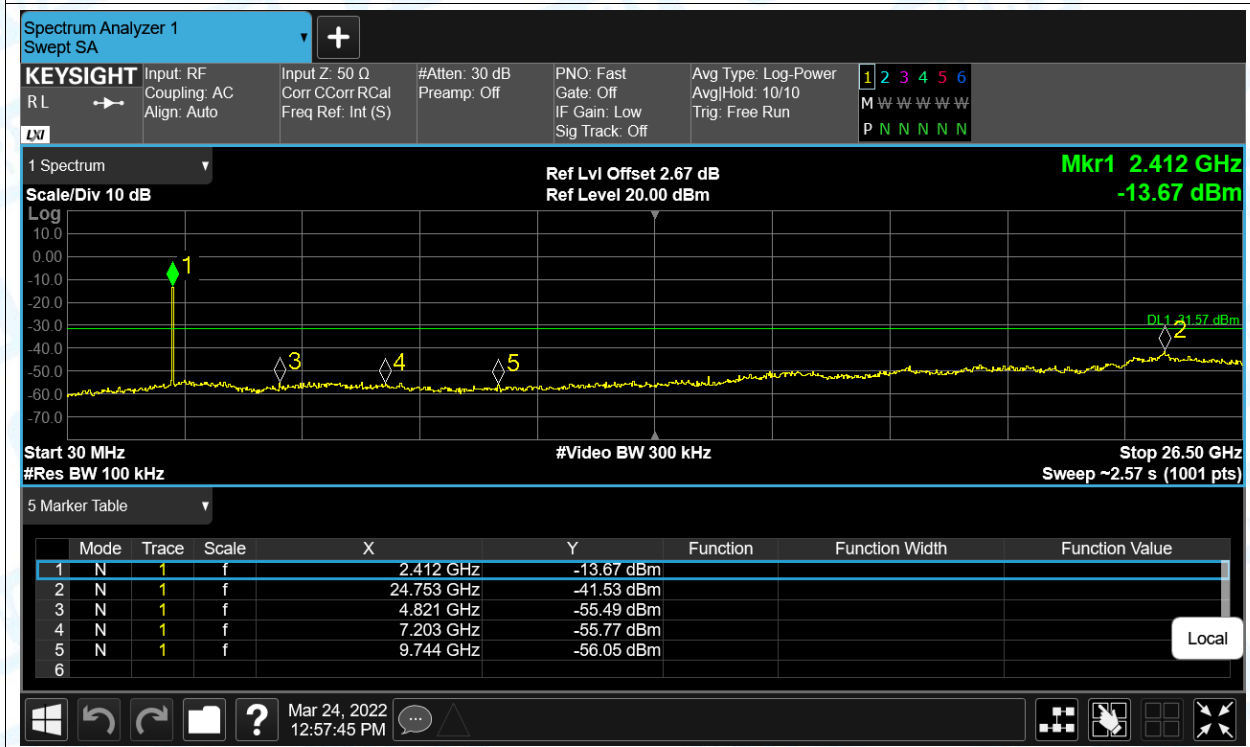
Condition	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	2405	Ant1	-29.96	-20	Pass
NVNT	2430	Ant1	-29.04	-20	Pass
NVNT	2470	Ant1	-28.15	-20	Pass

Test Graphs

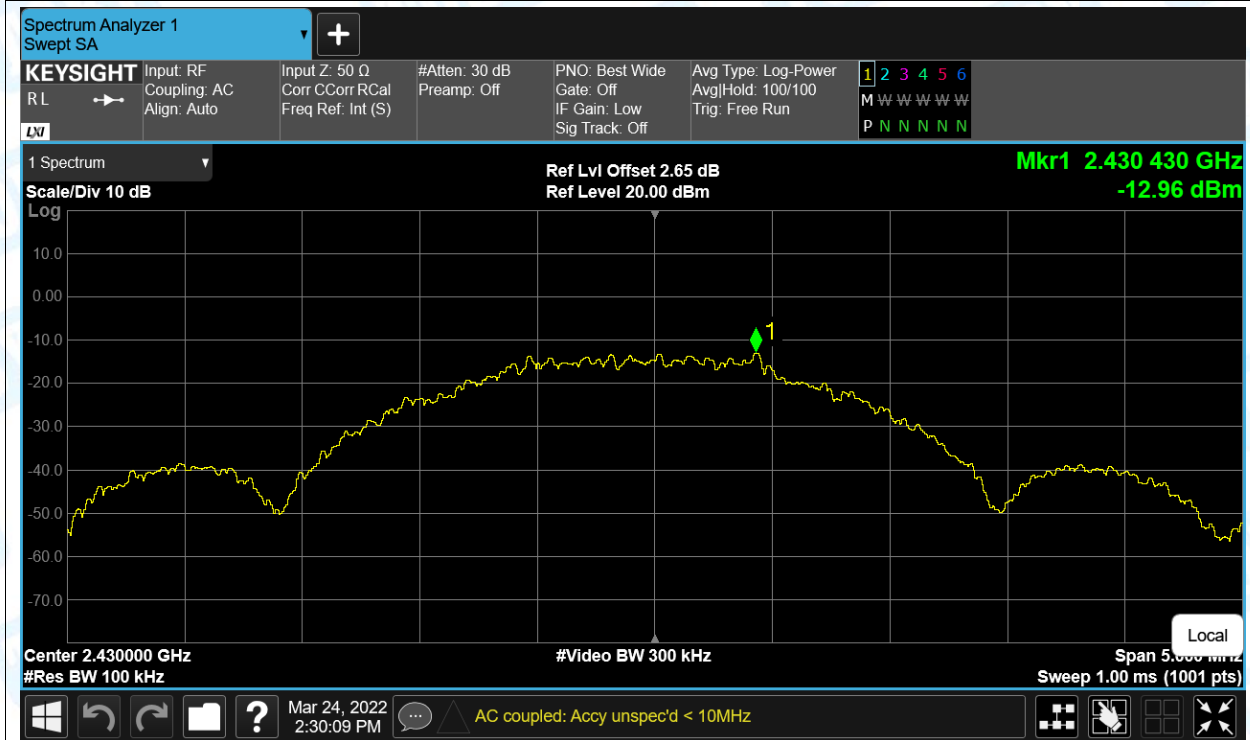
Tx. Spurious NVNT 2405MHz Ant1 Ref



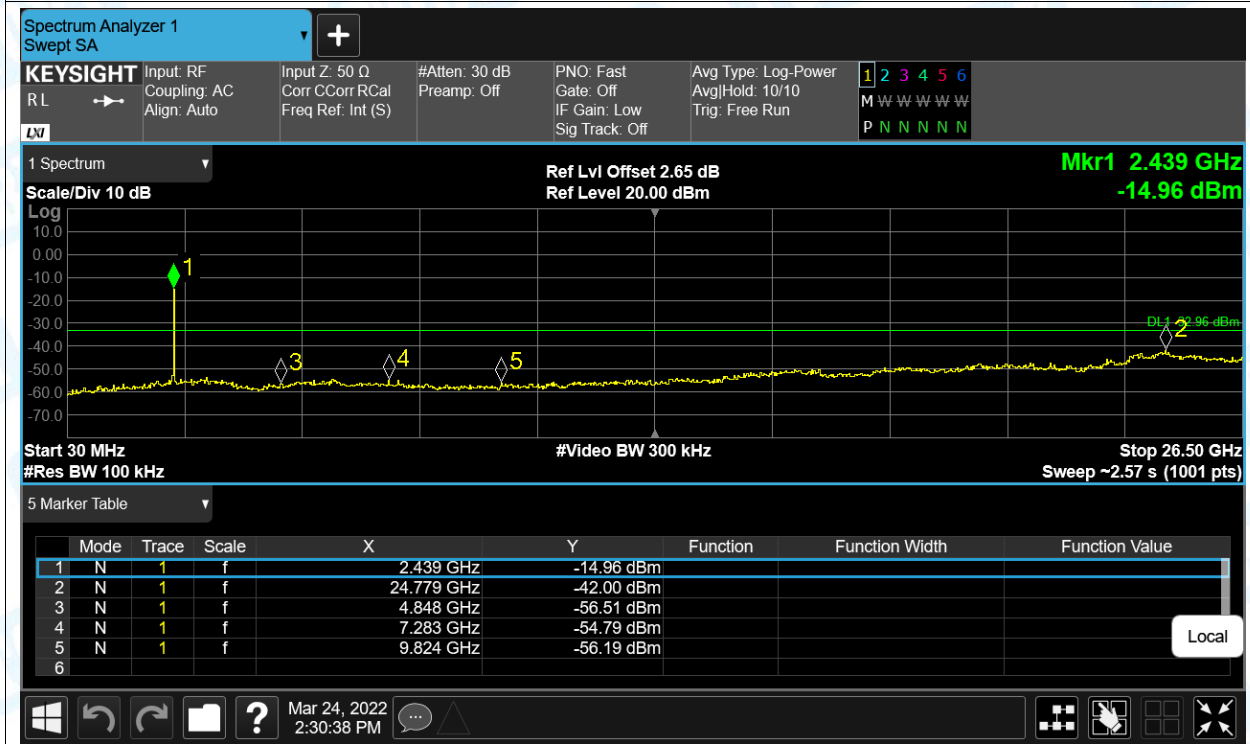
Tx. Spurious NVNT 2405MHz Ant1 Emission

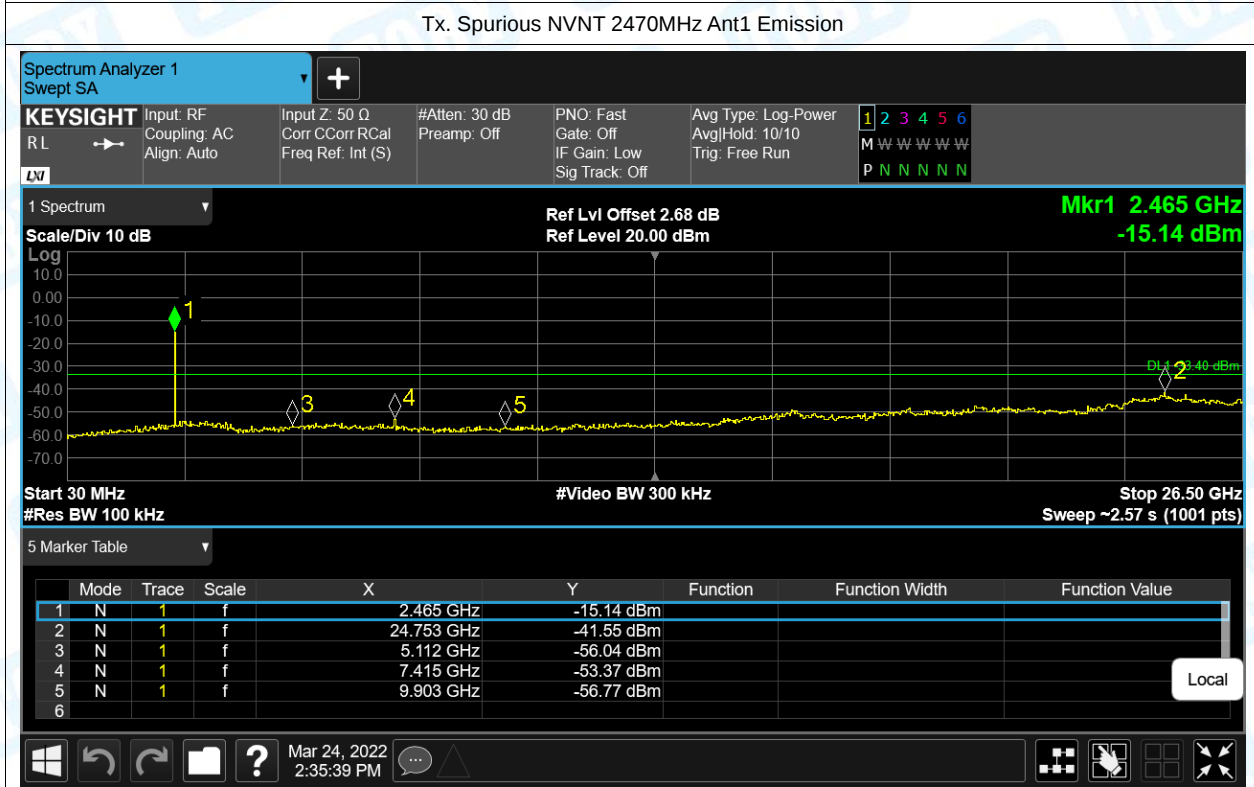
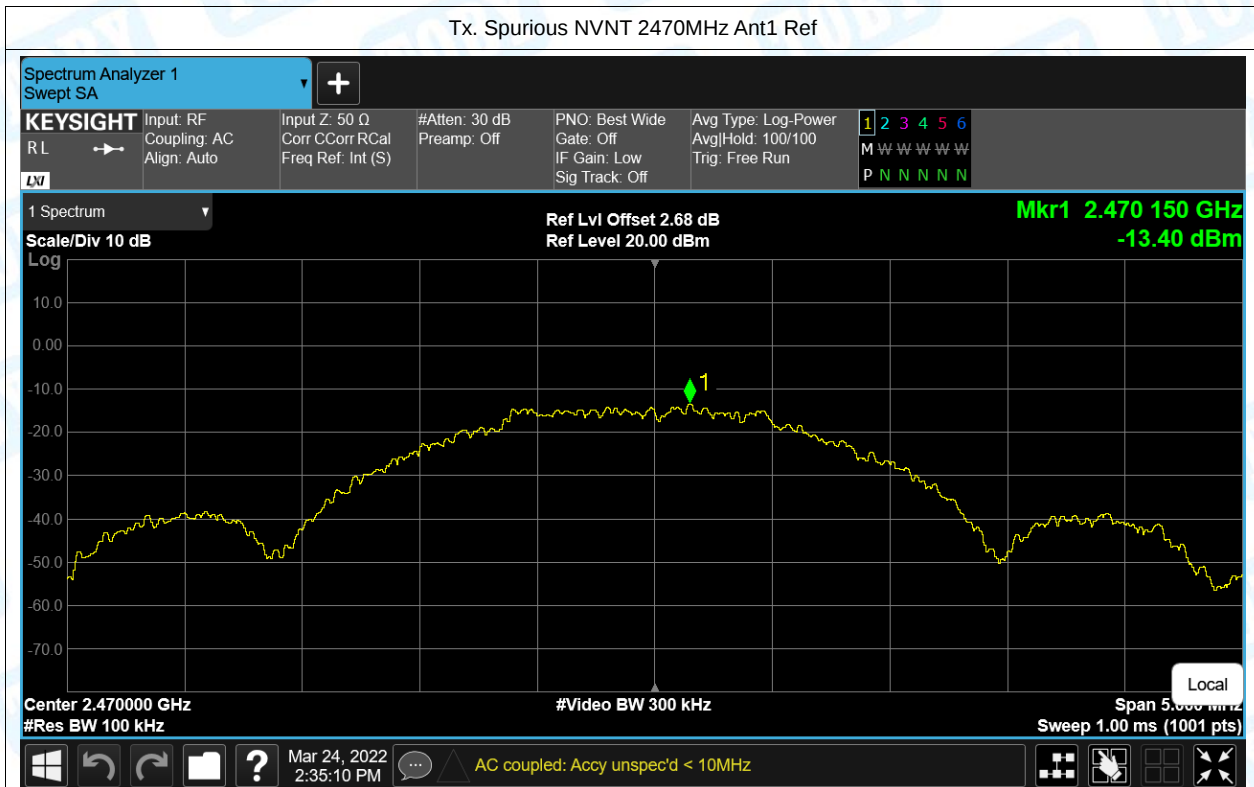


Tx. Spurious NVNT 2430MHz Ant1 Ref



Tx. Spurious NVNT 2430MHz Ant1 Emission



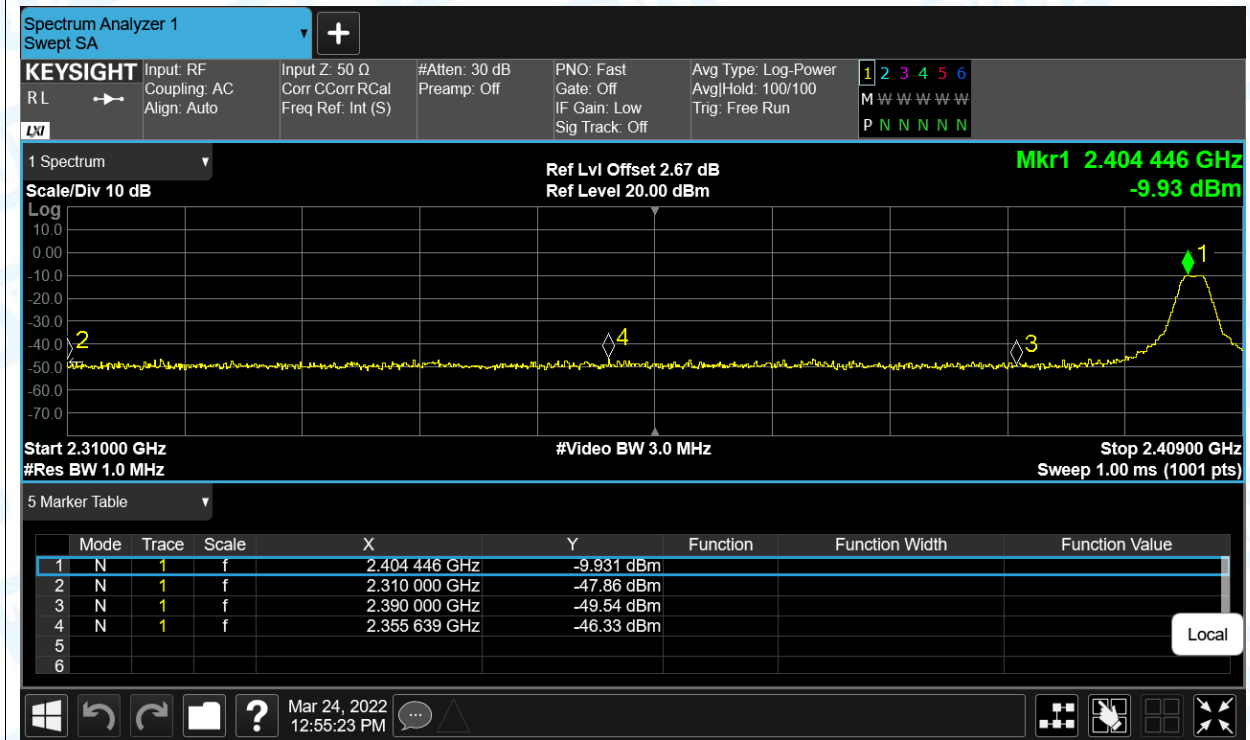


Restrict Band

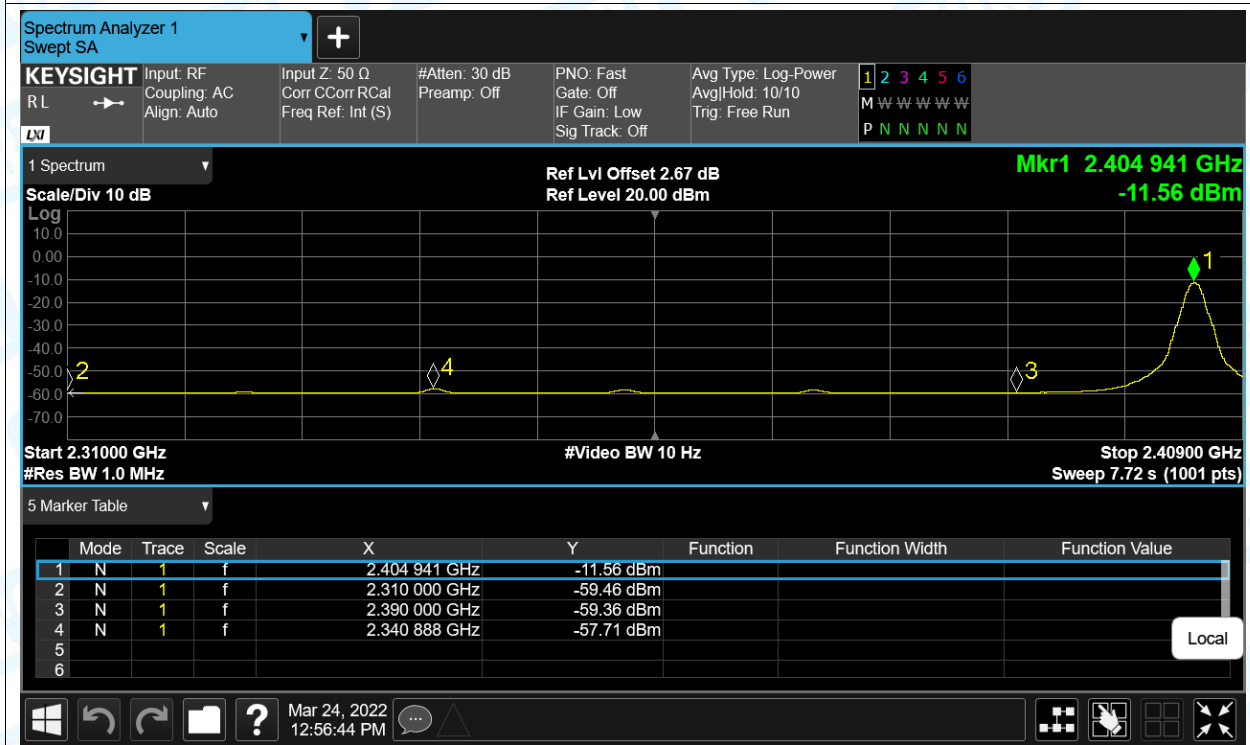
Condition	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	2405	Ant1	2310	-47.86	2	49.4	Peak	74	Pass
NVNT	2405	Ant1	2310	-59.46	2	37.8	Average	54	Pass
NVNT	2405	Ant1	2355.639	-46.33	2	50.93	Peak	74	Pass
NVNT	2405	Ant1	2340.888	-57.71	2	39.55	Average	54	Pass
NVNT	2405	Ant1	2390	-48.15	2	49.11	Peak	74	Pass
NVNT	2405	Ant1	2390	-59.36	2	37.9	Average	54	Pass
NVNT	2470	Ant1	2483.5	-48.92	2	48.34	Peak	74	Pass
NVNT	2470	Ant1	2483.5	-59.06	2	38.2	Average	54	Pass
NVNT	2470	Ant1	2494.832	-45.81	2	51.45	Peak	74	Pass
NVNT	2470	Ant1	2485.652	-59	2	38.26	Average	54	Pass
NVNT	2470	Ant1	2500	-48.99	2	48.27	Peak	74	Pass
NVNT	2470	Ant1	2500	-59.09	2	38.17	Average	54	Pass

Test Graphs

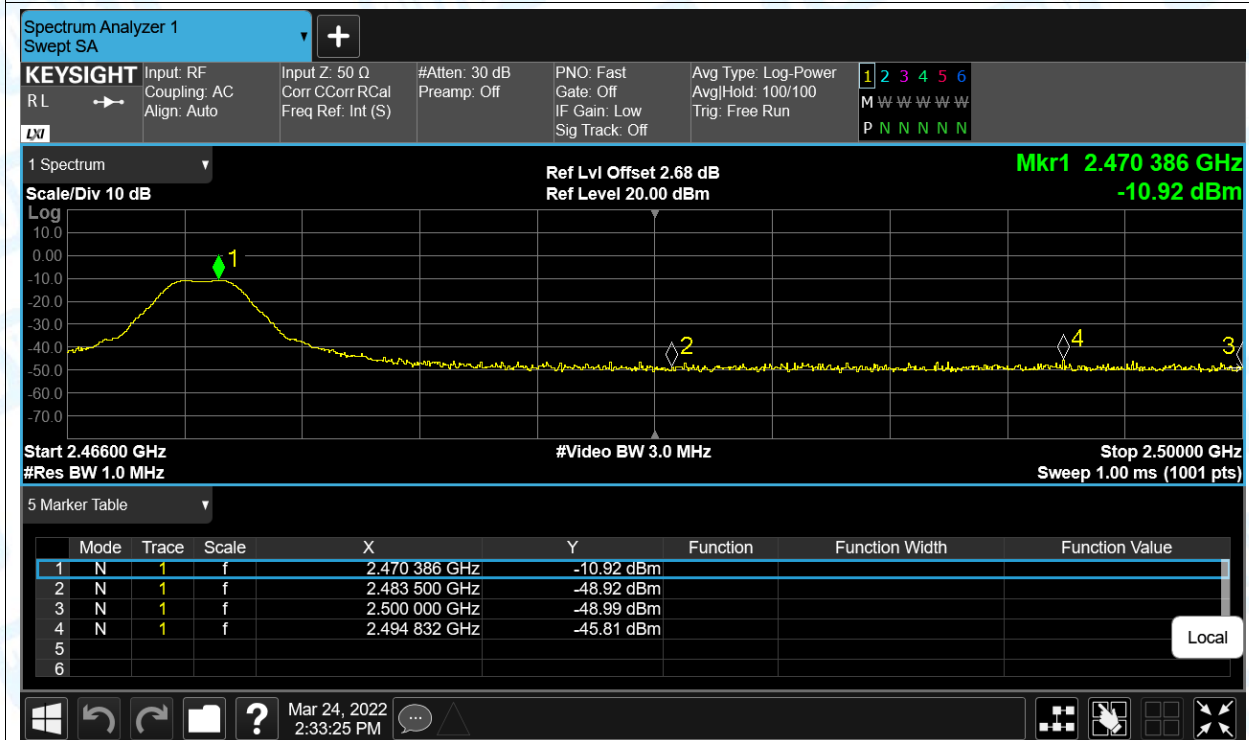
Restrict Band NVNT 2405MHz Ant1 Peak



Restrict Band NVNT 2405MHz Ant1 Average



Restrict Band NVNT 2470MHz Ant1 Peak



Restrict Band NVNT 2470MHz Ant1 Average

