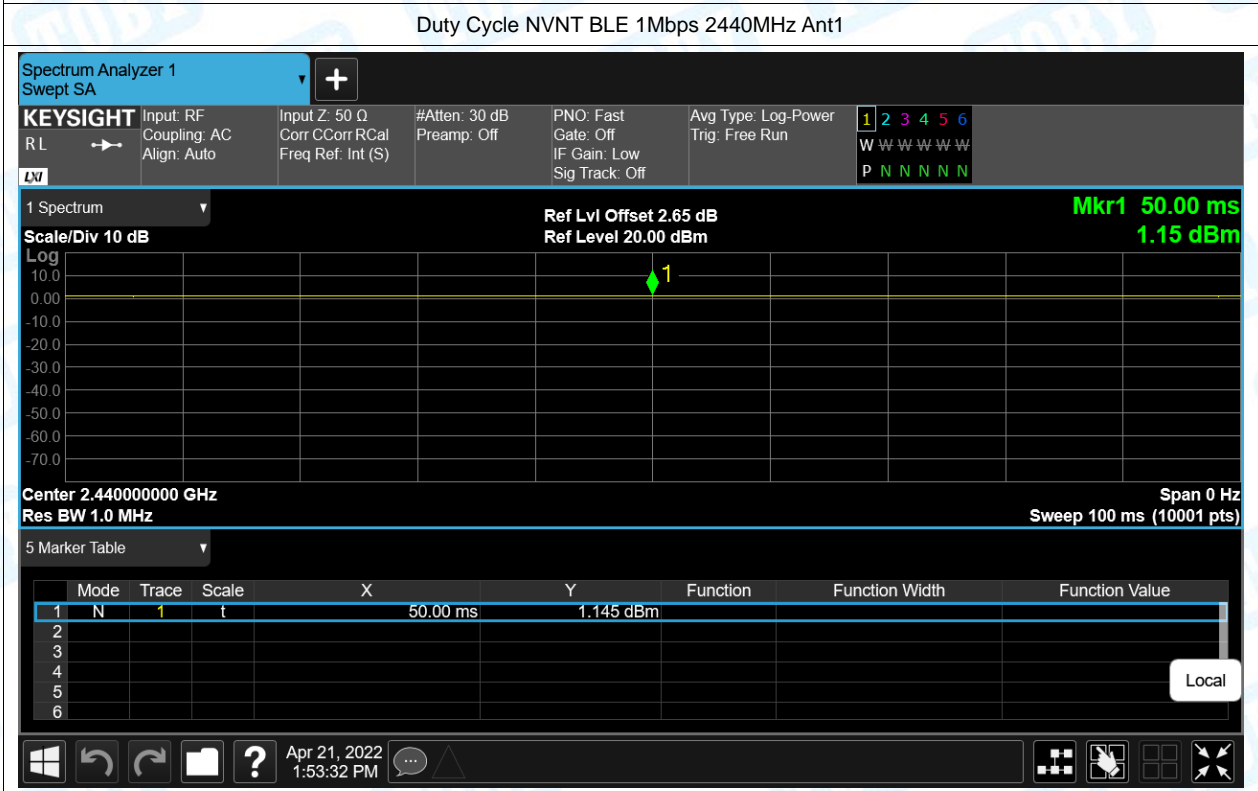
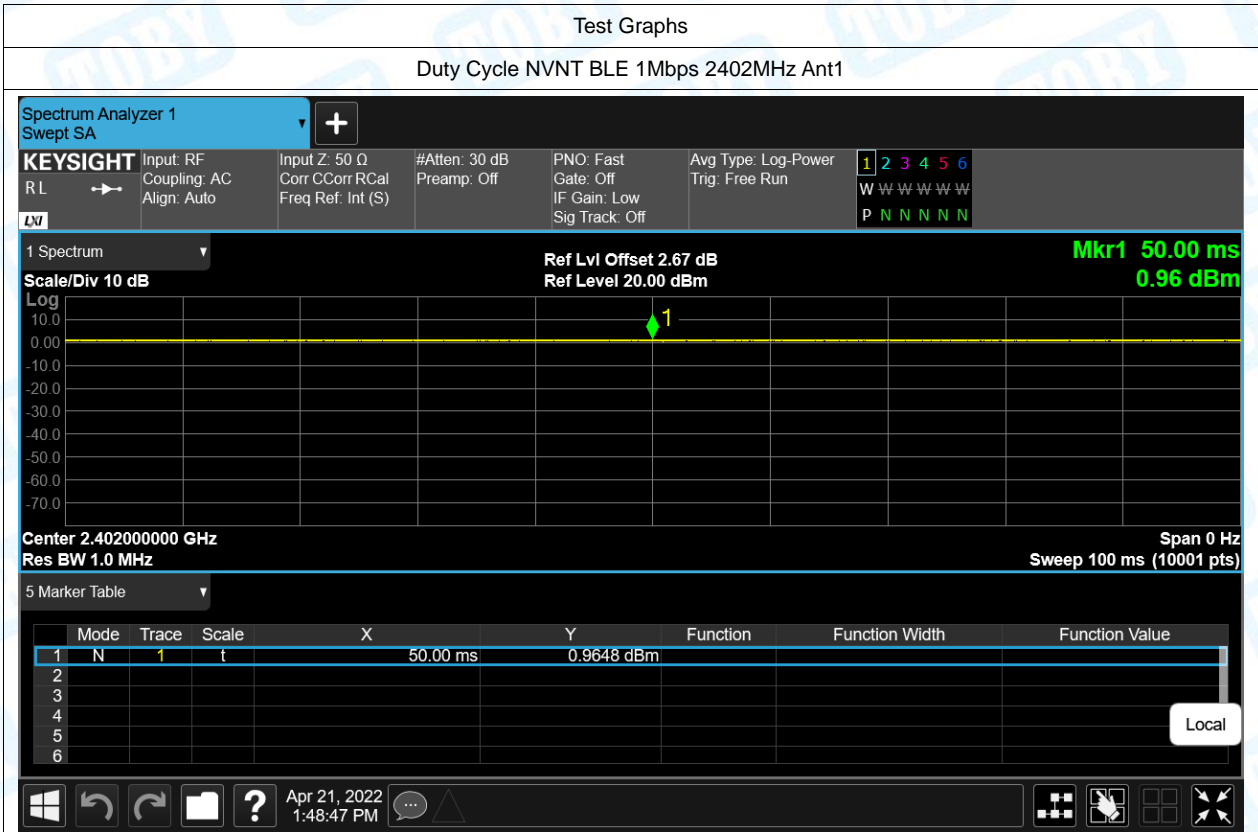


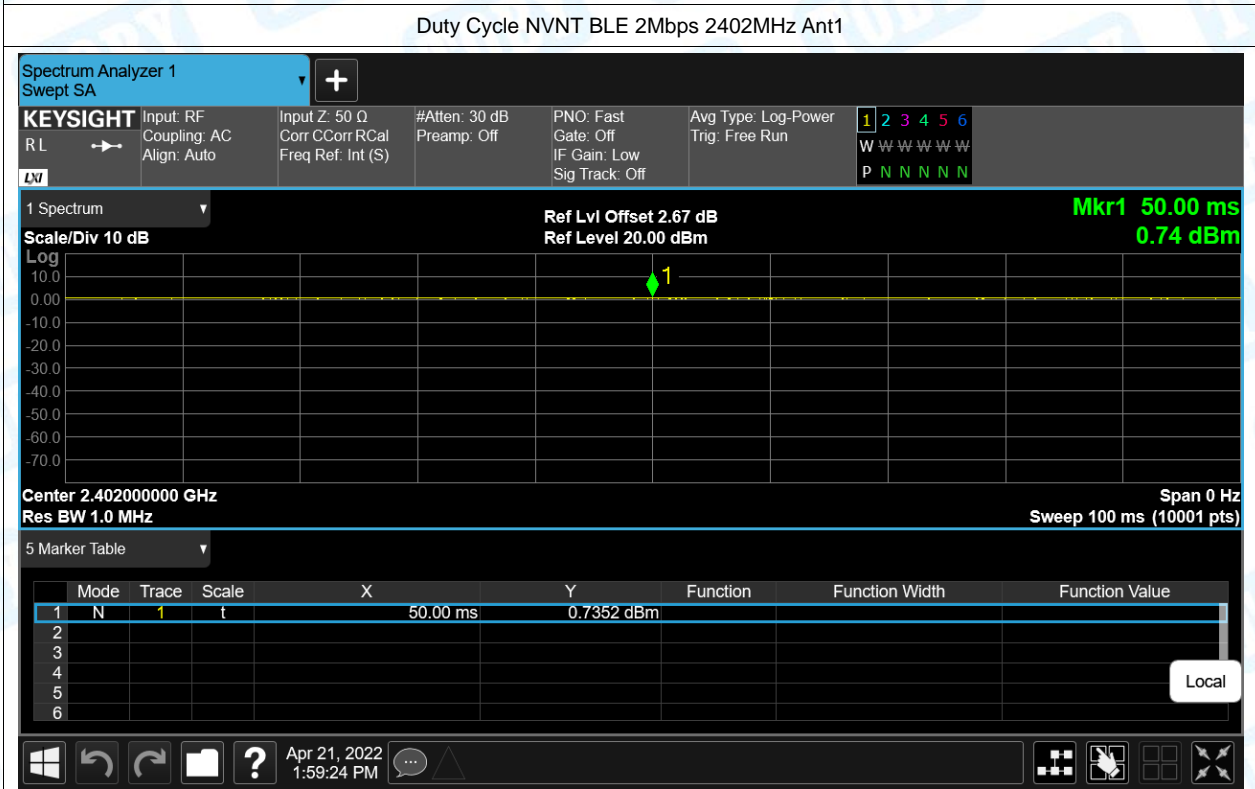
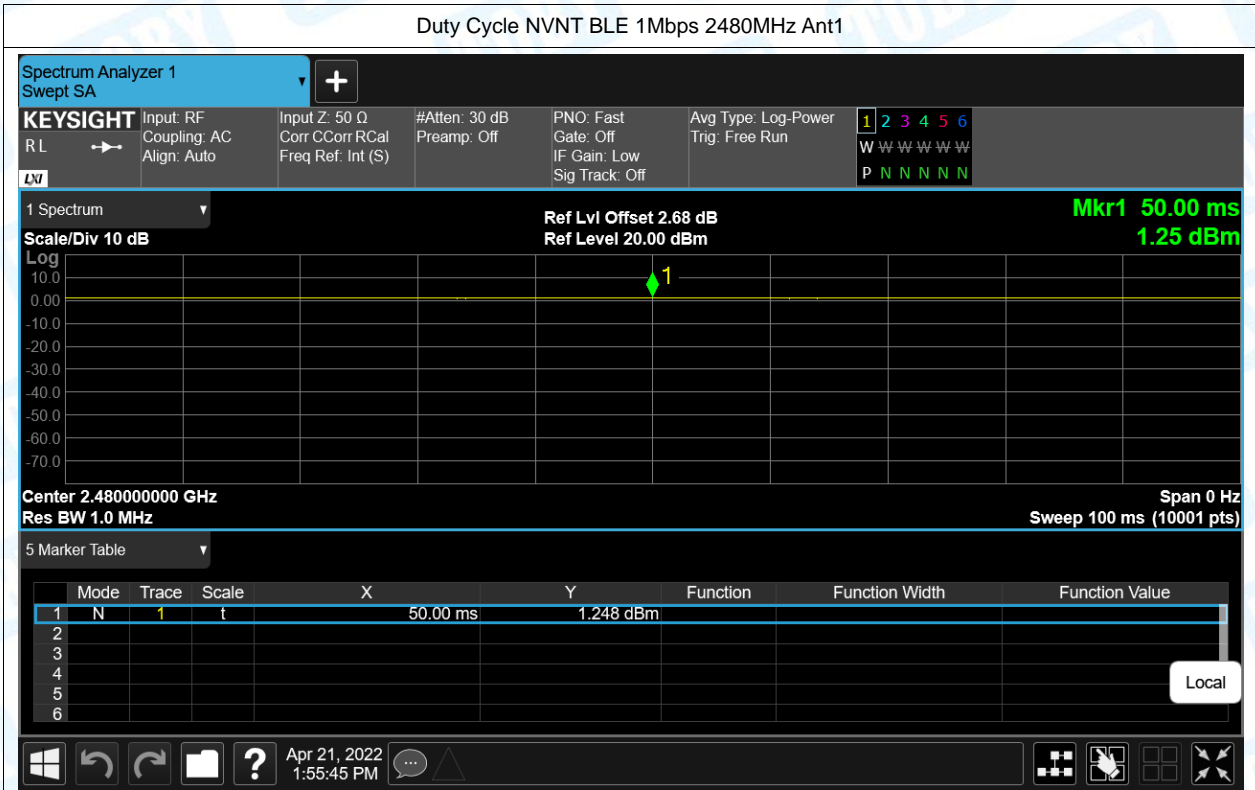
RF Test Data for 0Bluetooth LE (Conducted Measurements)

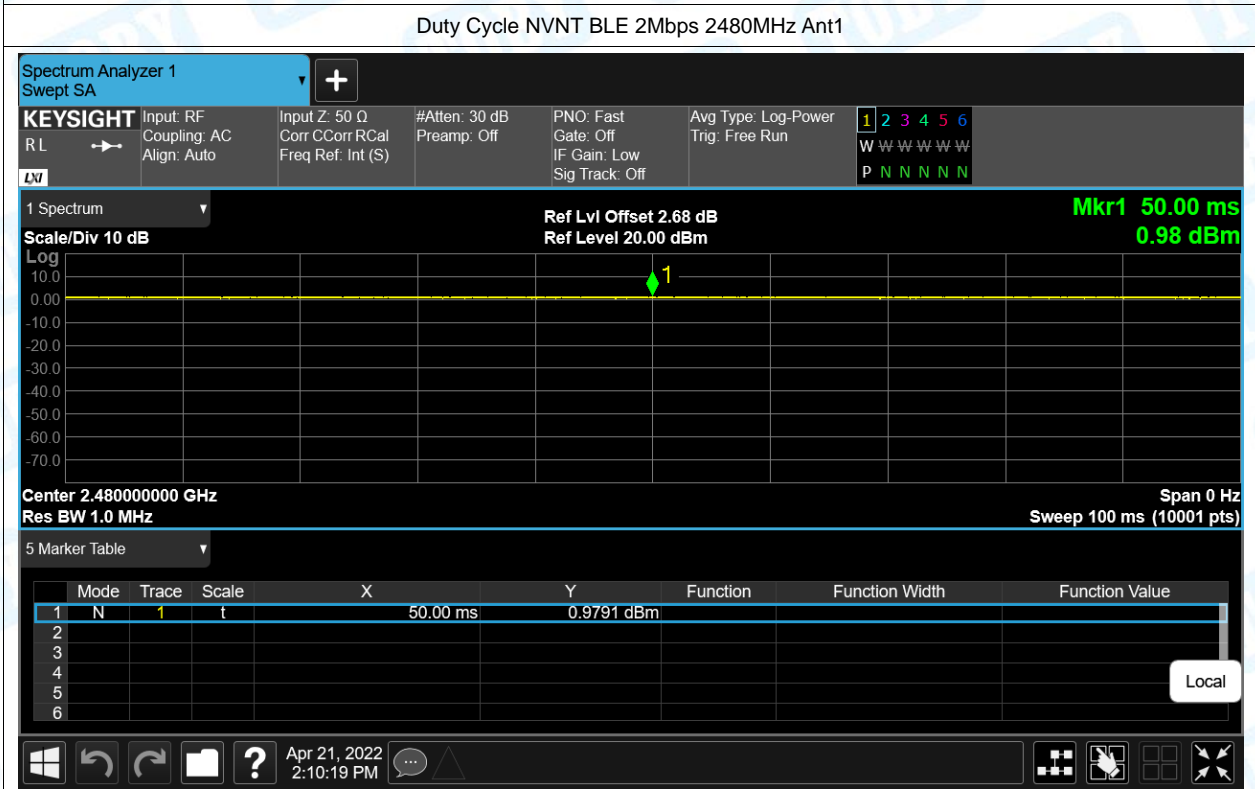
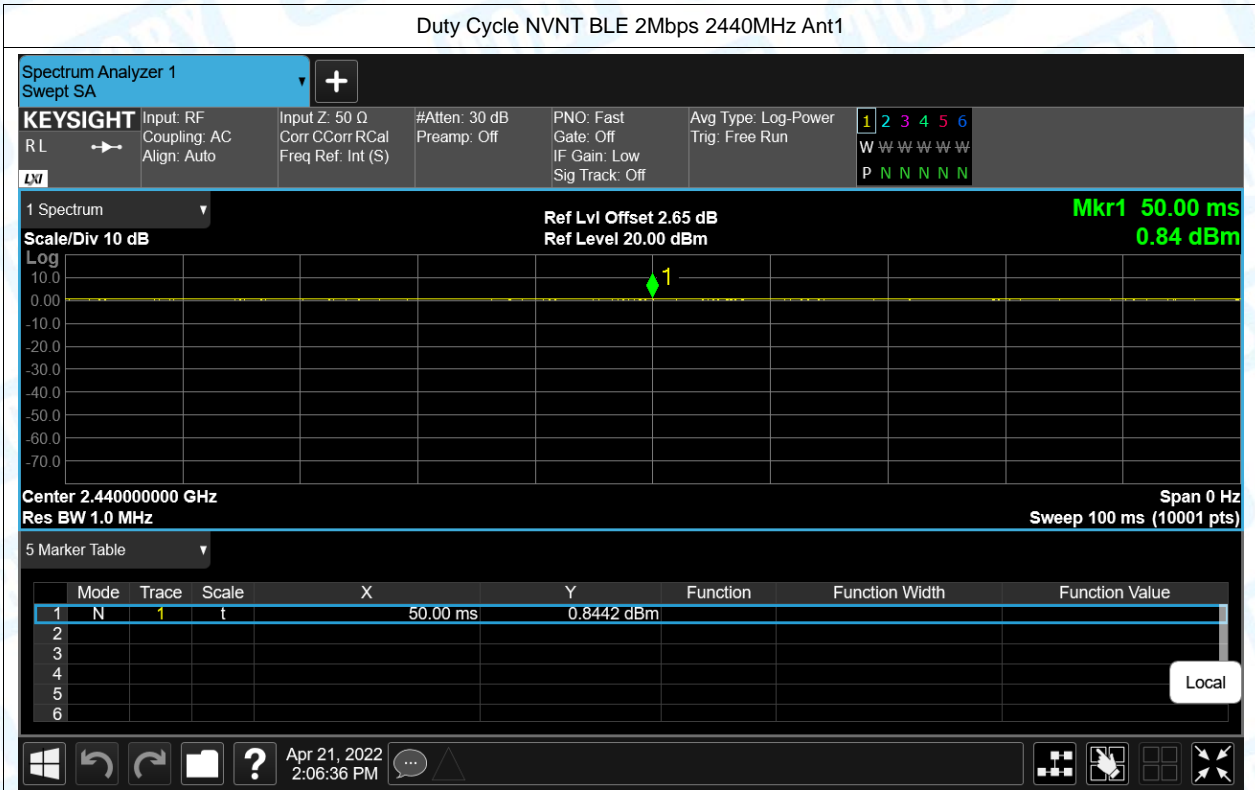
General Description of EUT	
Product Name:	Wireless Lavalier Microphone
Test Model:	Wave W1-C
Sample ID:	202204-0167-1-2#
Environmental Conditions	
Temperature:	24°C
Relative Humidity:	50%
Test Voltage:	DC3.7V
Test Engineer:	Huangjianping
Note: For a more detailed features description, please refer to the report TBR-C-202204-0167-1.	

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1Mbps	2402	Ant1	100	0	0
NVNT	BLE 1Mbps	2440	Ant1	100	0	0
NVNT	BLE 1Mbps	2480	Ant1	100	0	0
NVNT	BLE 2Mbps	2402	Ant1	100	0	0
NVNT	BLE 2Mbps	2440	Ant1	100	0	0
NVNT	BLE 2Mbps	2480	Ant1	100	0	0

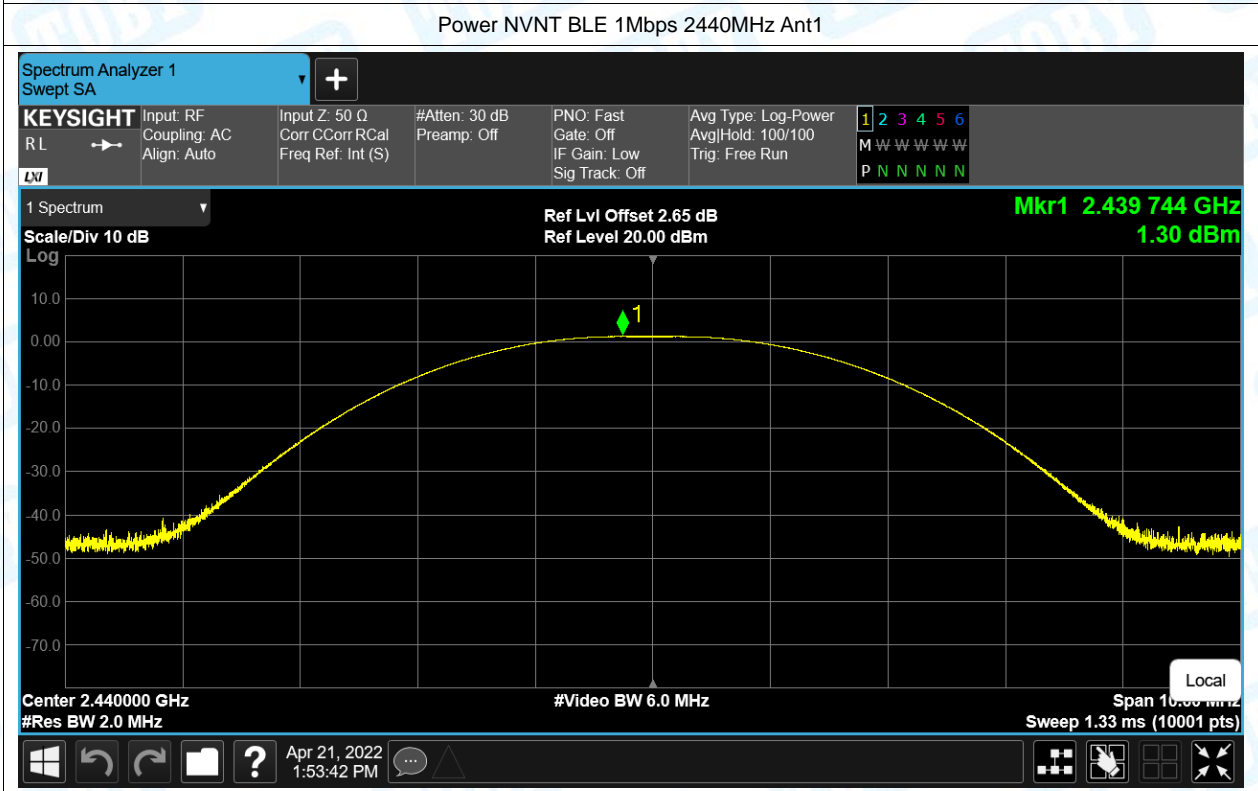
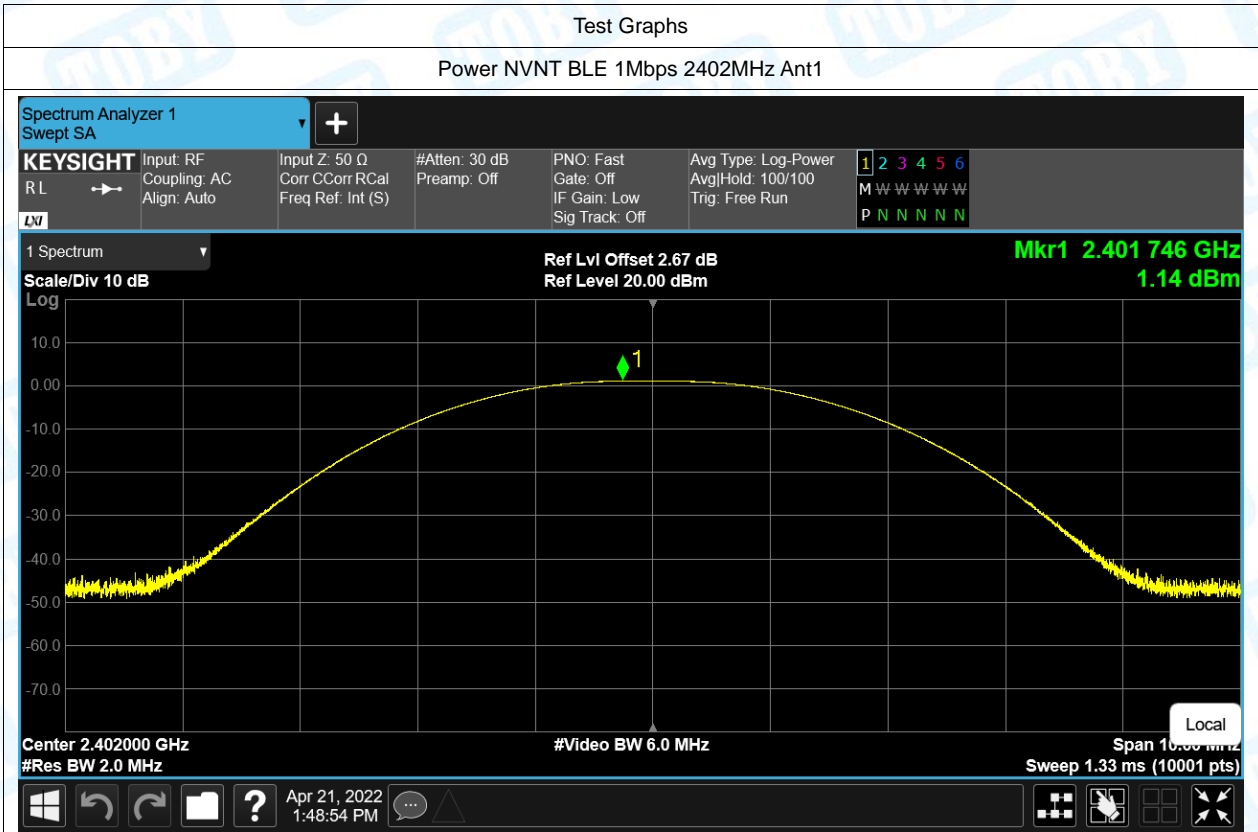


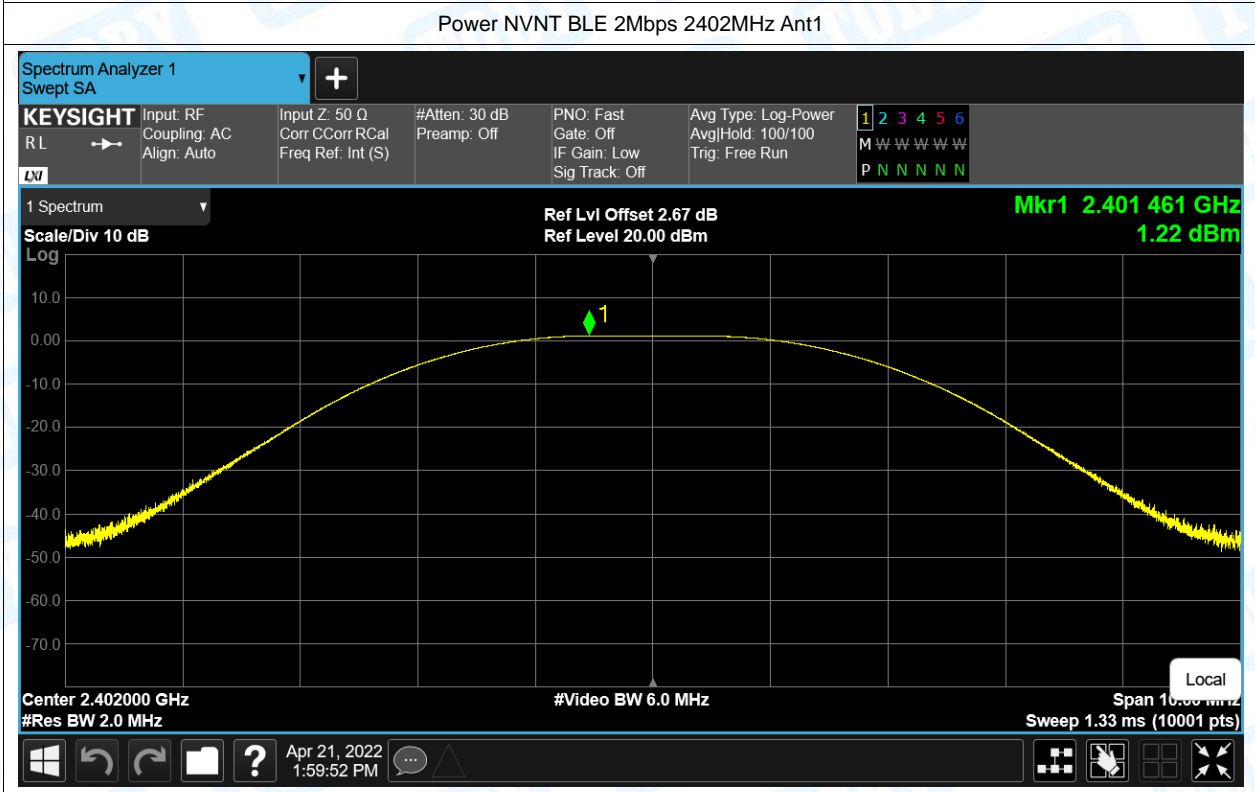
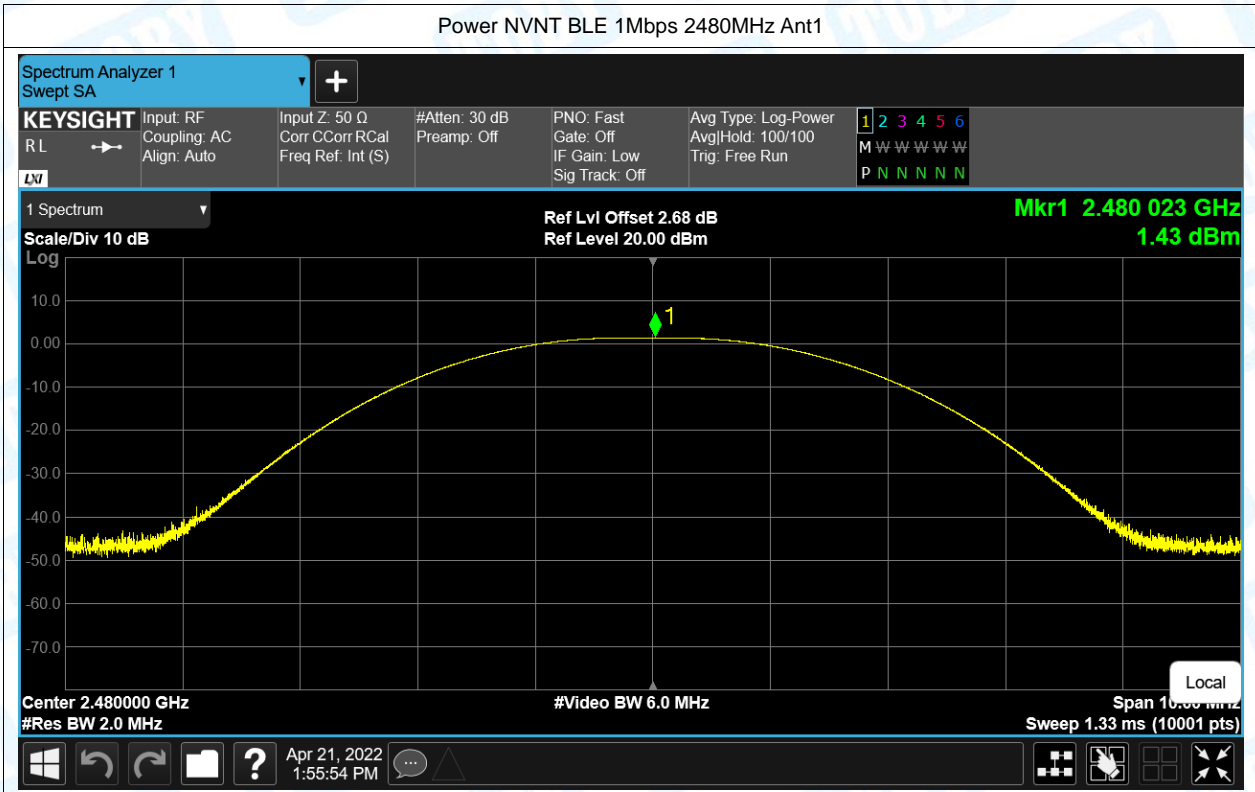


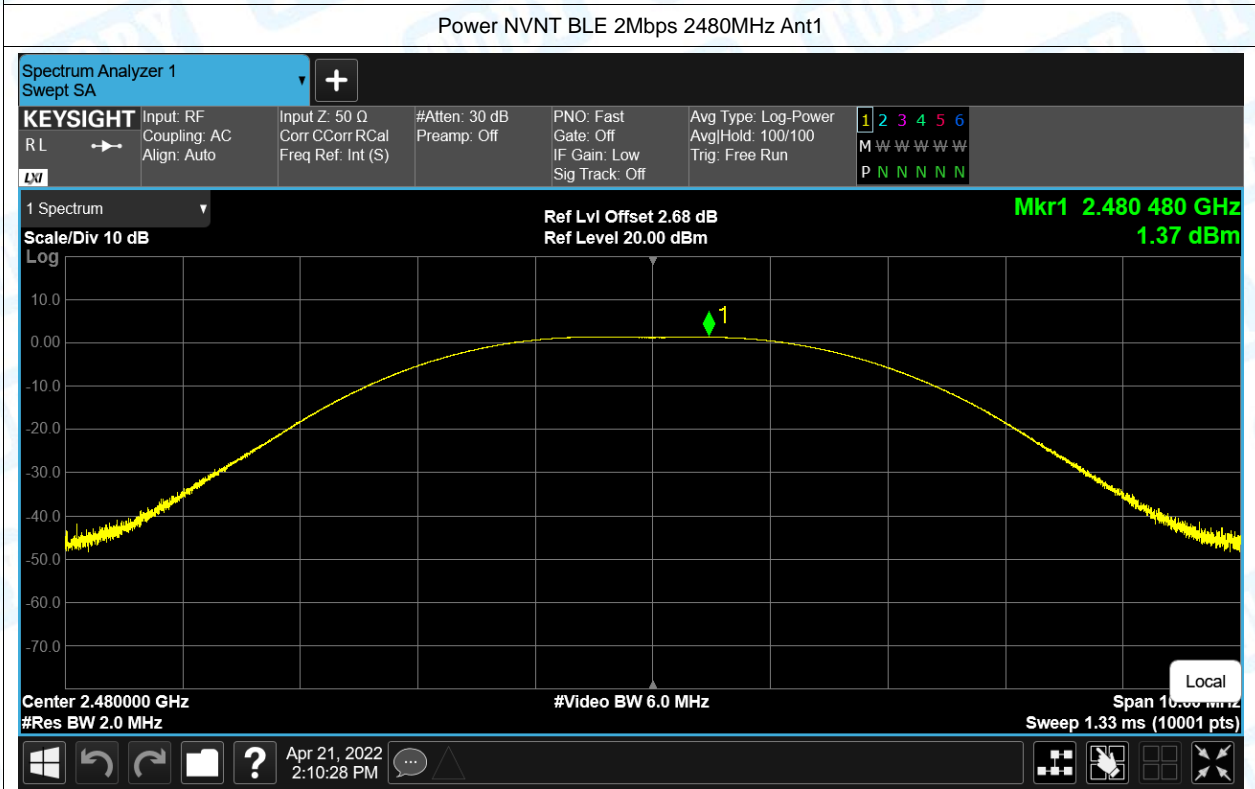
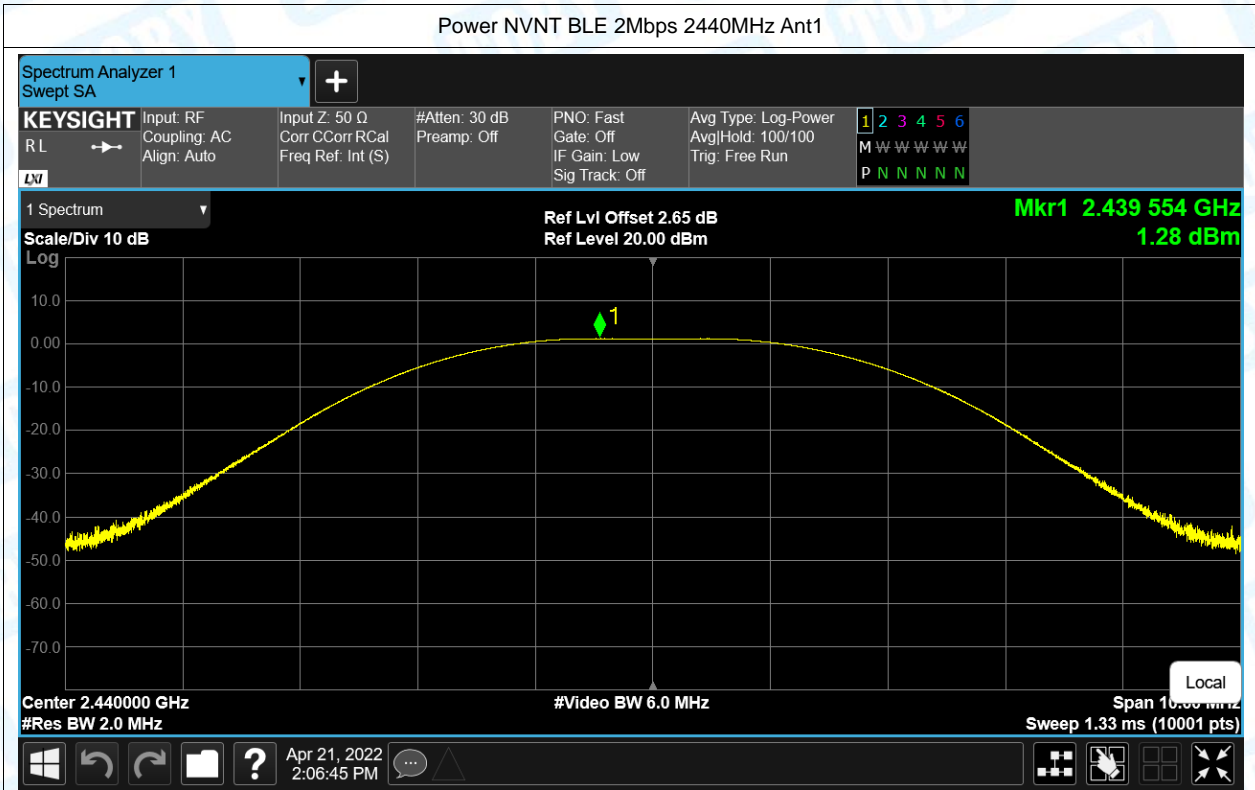


Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	1.14	30	Pass
NVNT	BLE 1Mbps	2440	Ant1	1.30	30	Pass
NVNT	BLE 1Mbps	2480	Ant1	1.43	30	Pass
NVNT	BLE 2Mbps	2402	Ant1	1.22	30	Pass
NVNT	BLE 2Mbps	2440	Ant1	1.28	30	Pass
NVNT	BLE 2Mbps	2480	Ant1	1.37	30	Pass

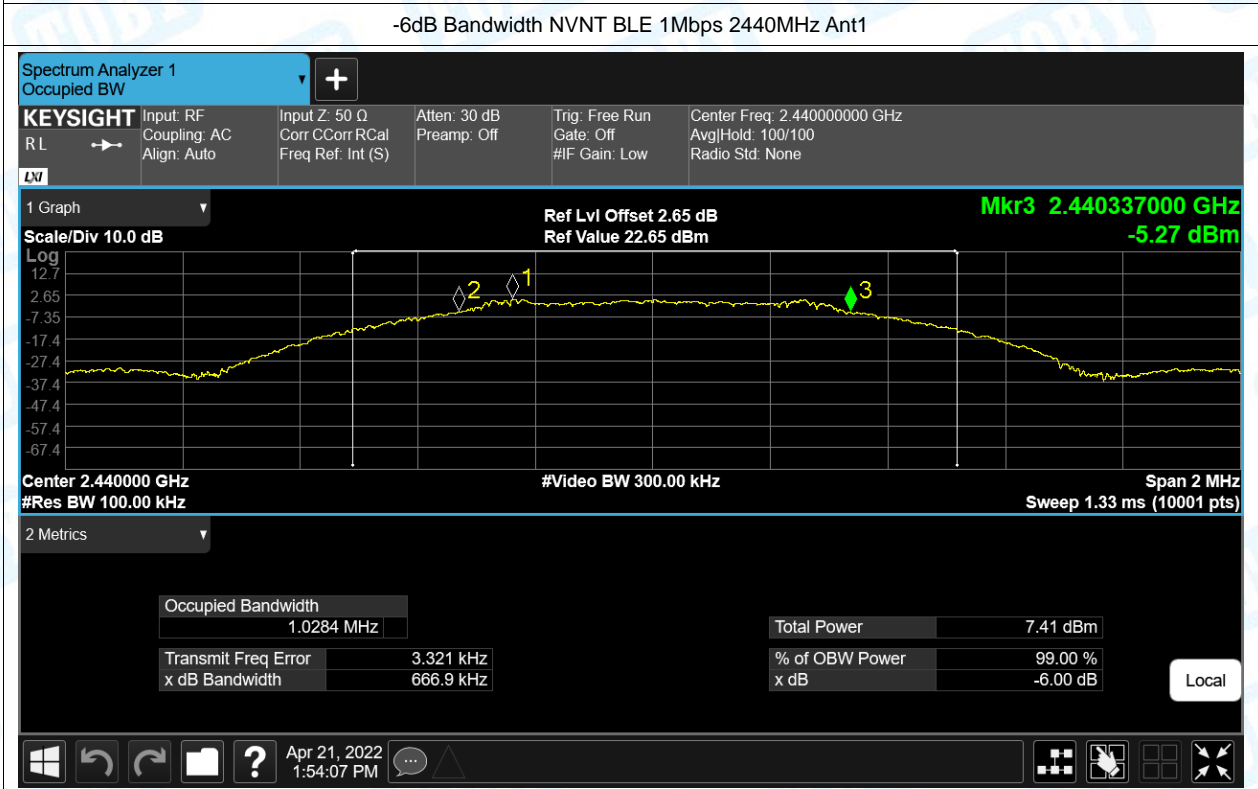
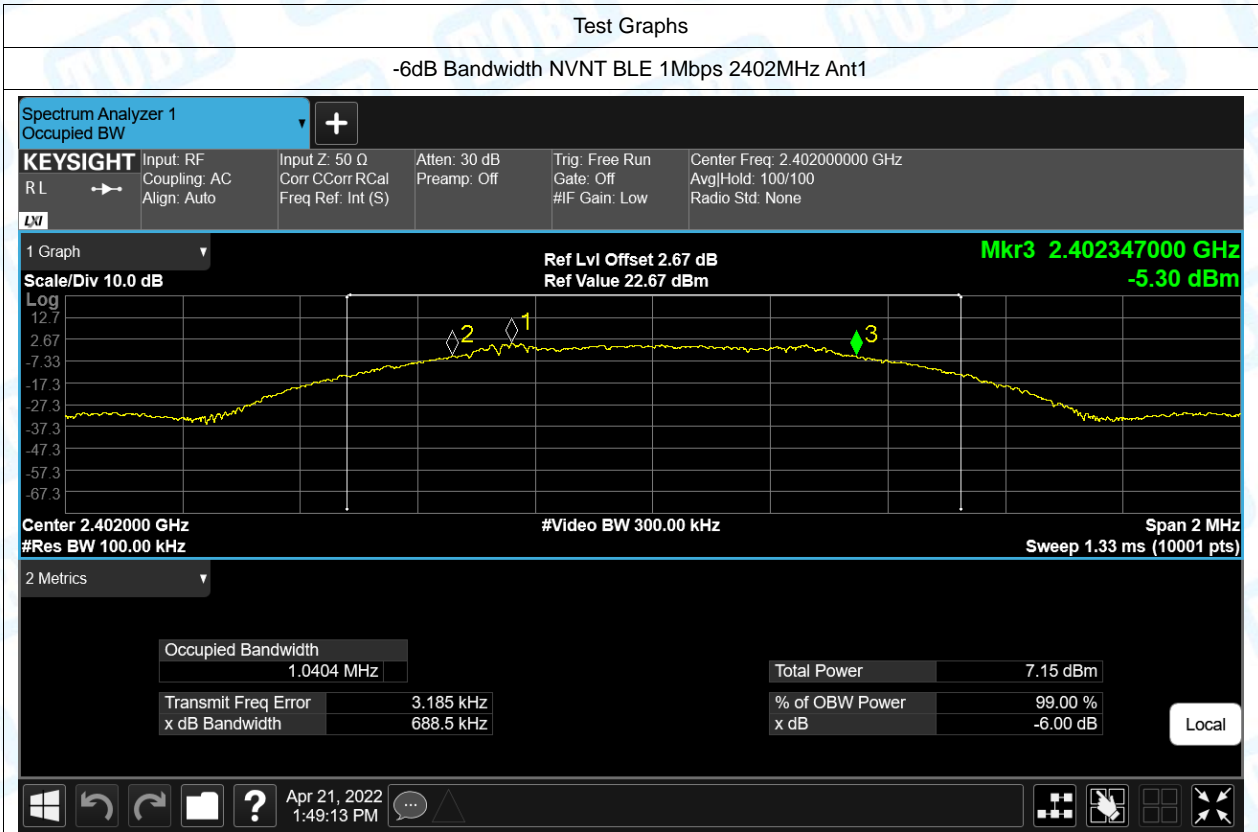


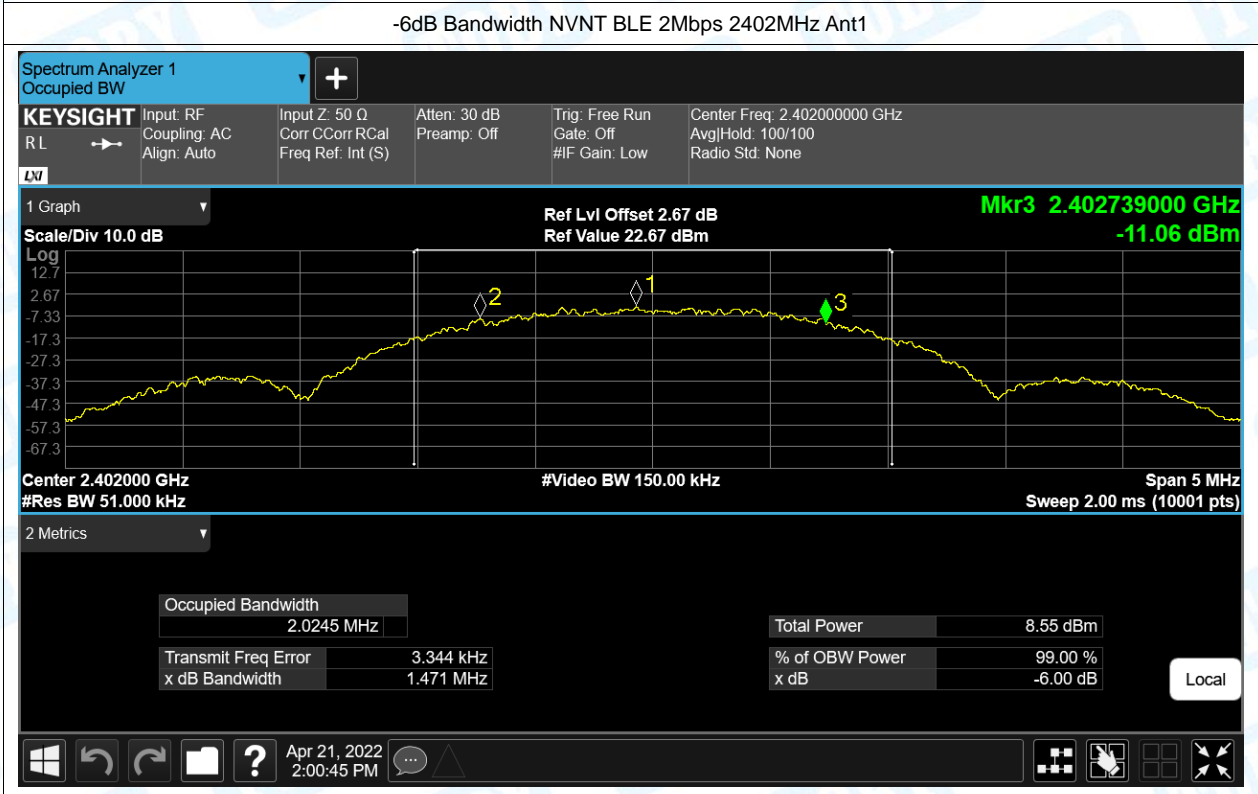
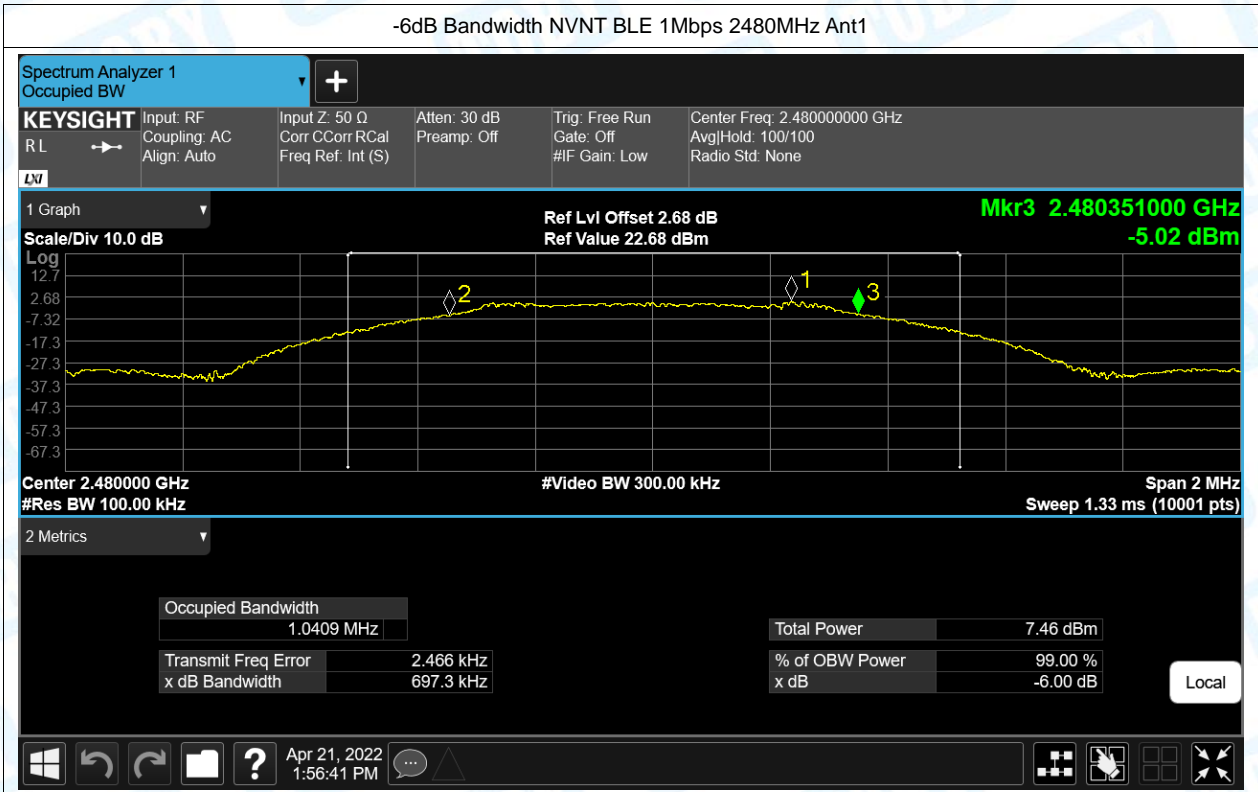


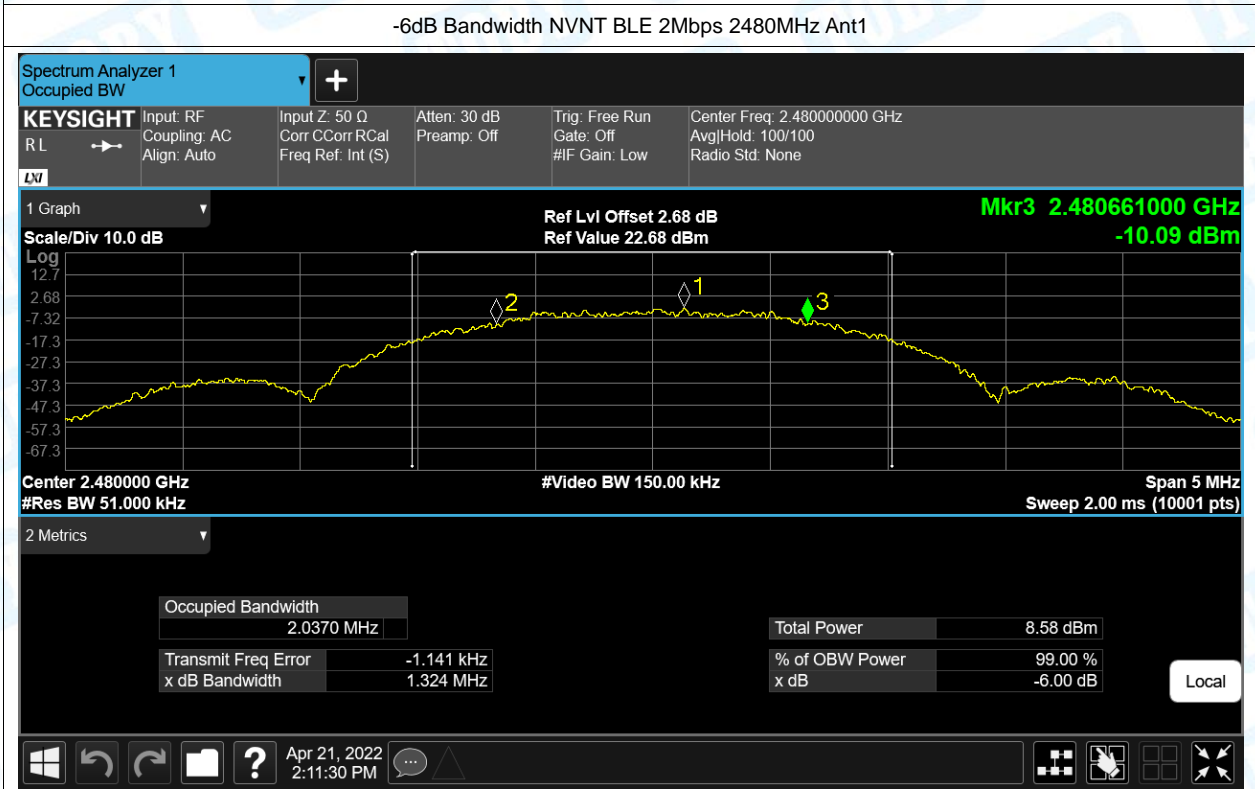


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	0.69	0.5	Pass
NVNT	BLE 1Mbps	2440	Ant1	0.67	0.5	Pass
NVNT	BLE 1Mbps	2480	Ant1	0.7	0.5	Pass
NVNT	BLE 2Mbps	2402	Ant1	1.47	0.5	Pass
NVNT	BLE 2Mbps	2440	Ant1	1.2	0.5	Pass
NVNT	BLE 2Mbps	2480	Ant1	1.32	0.5	Pass

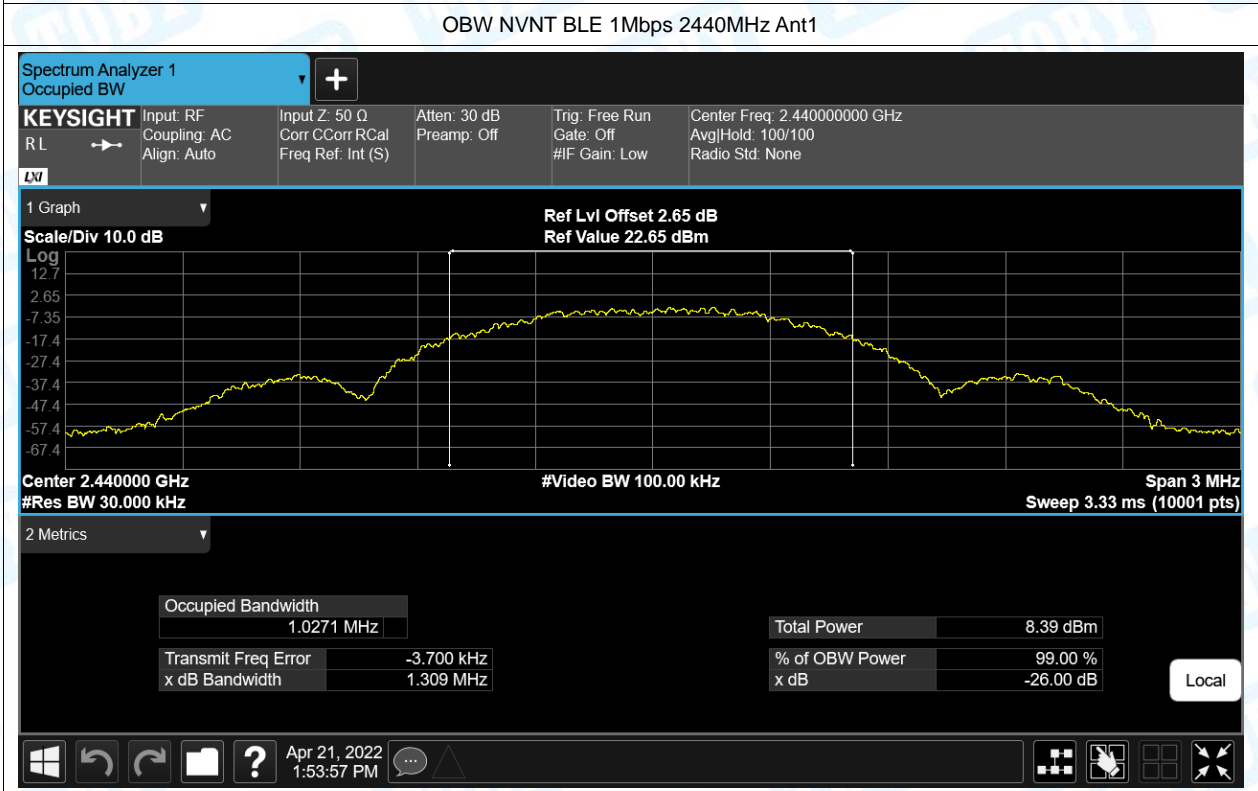
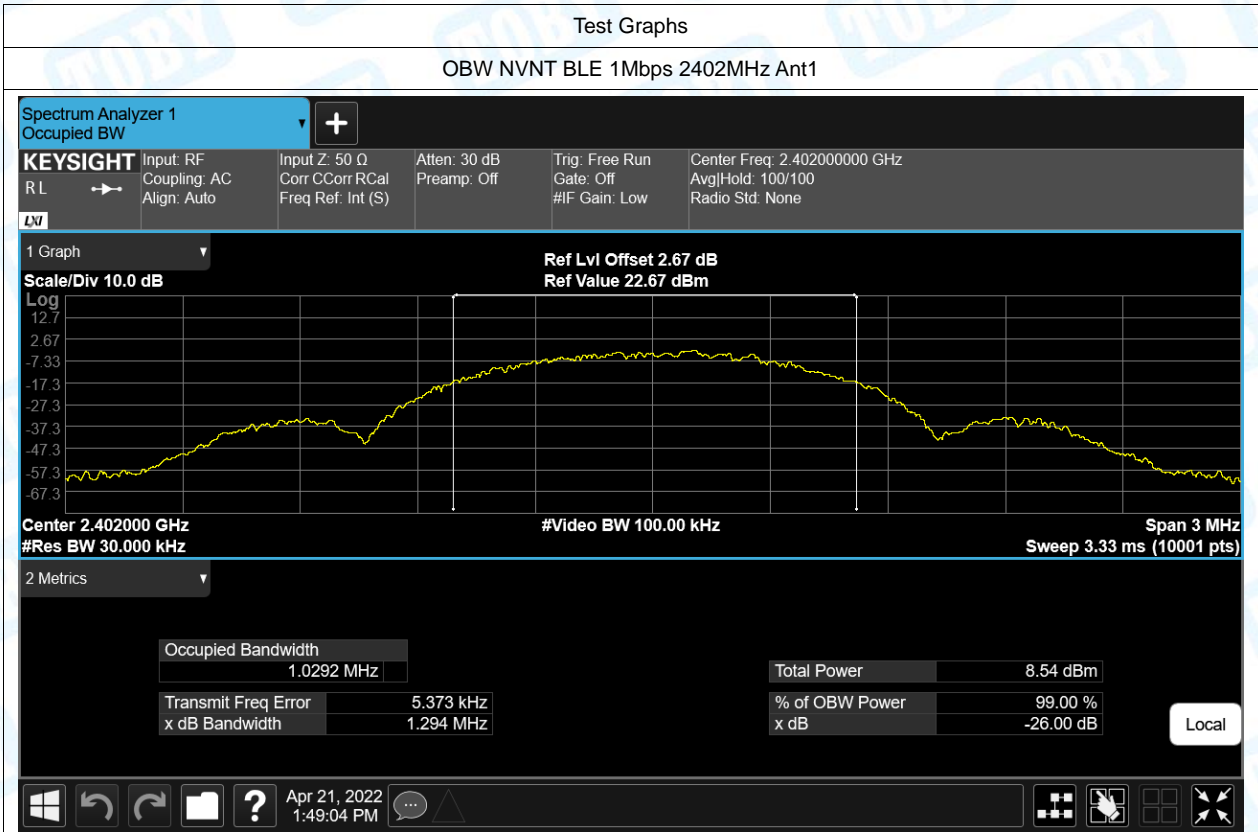


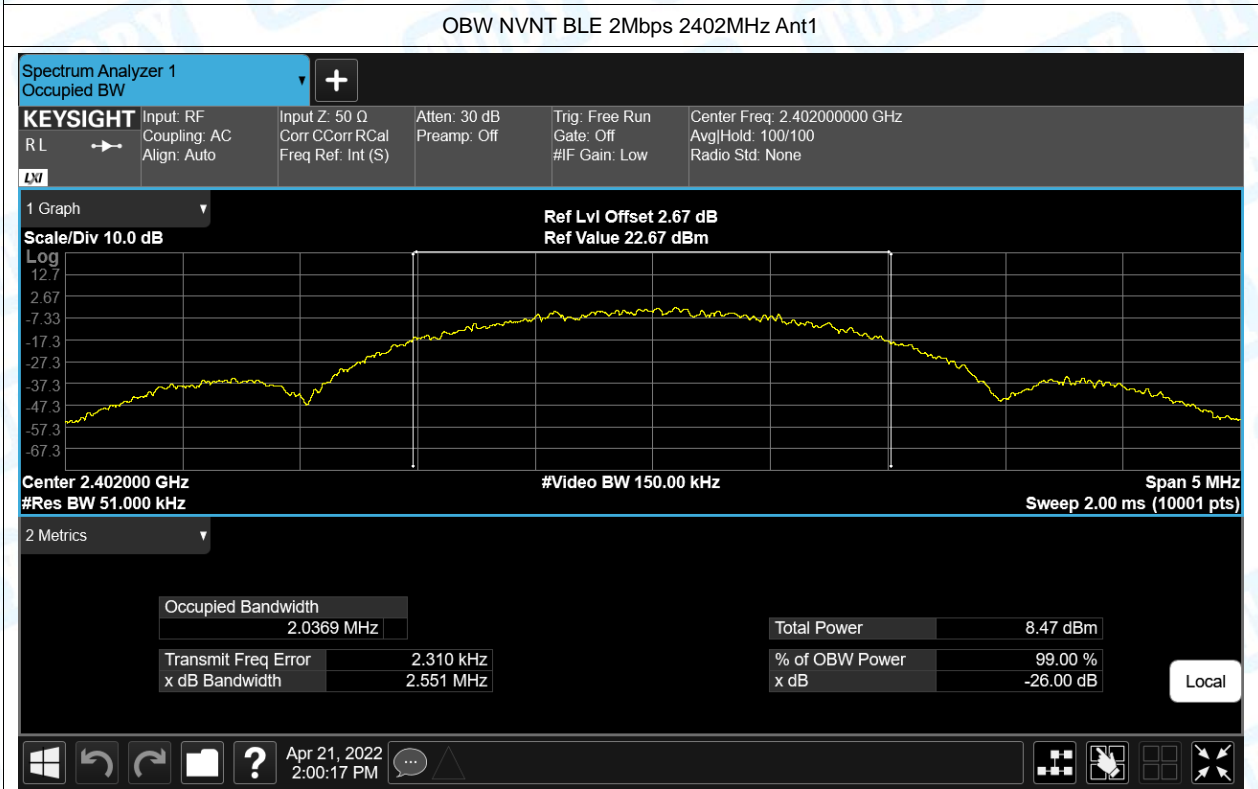
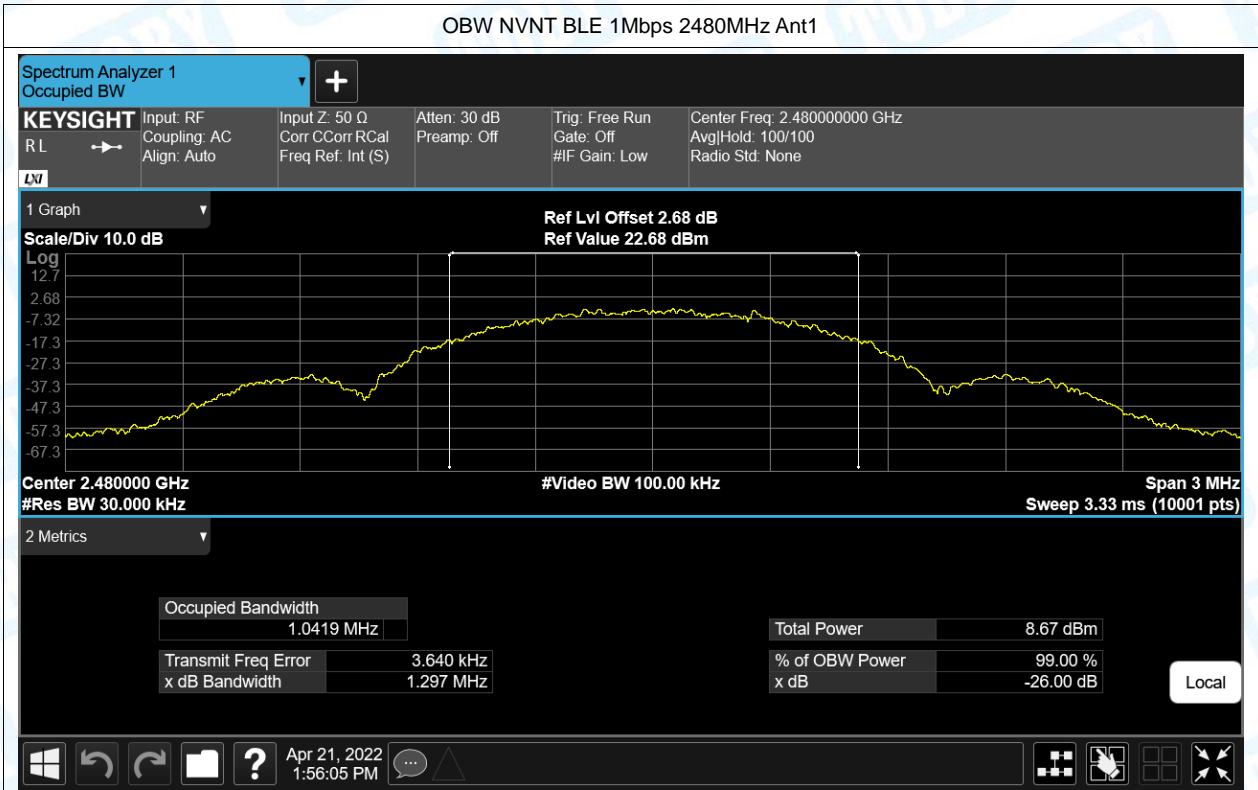


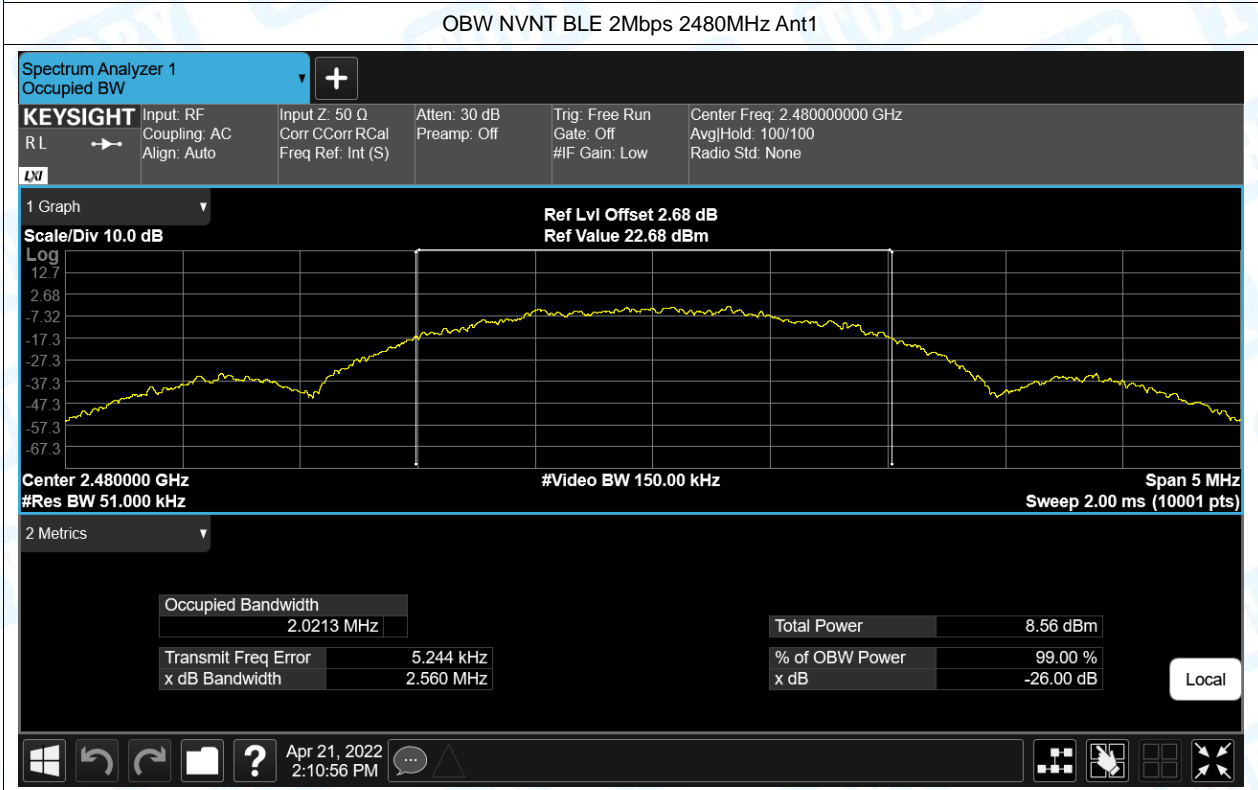
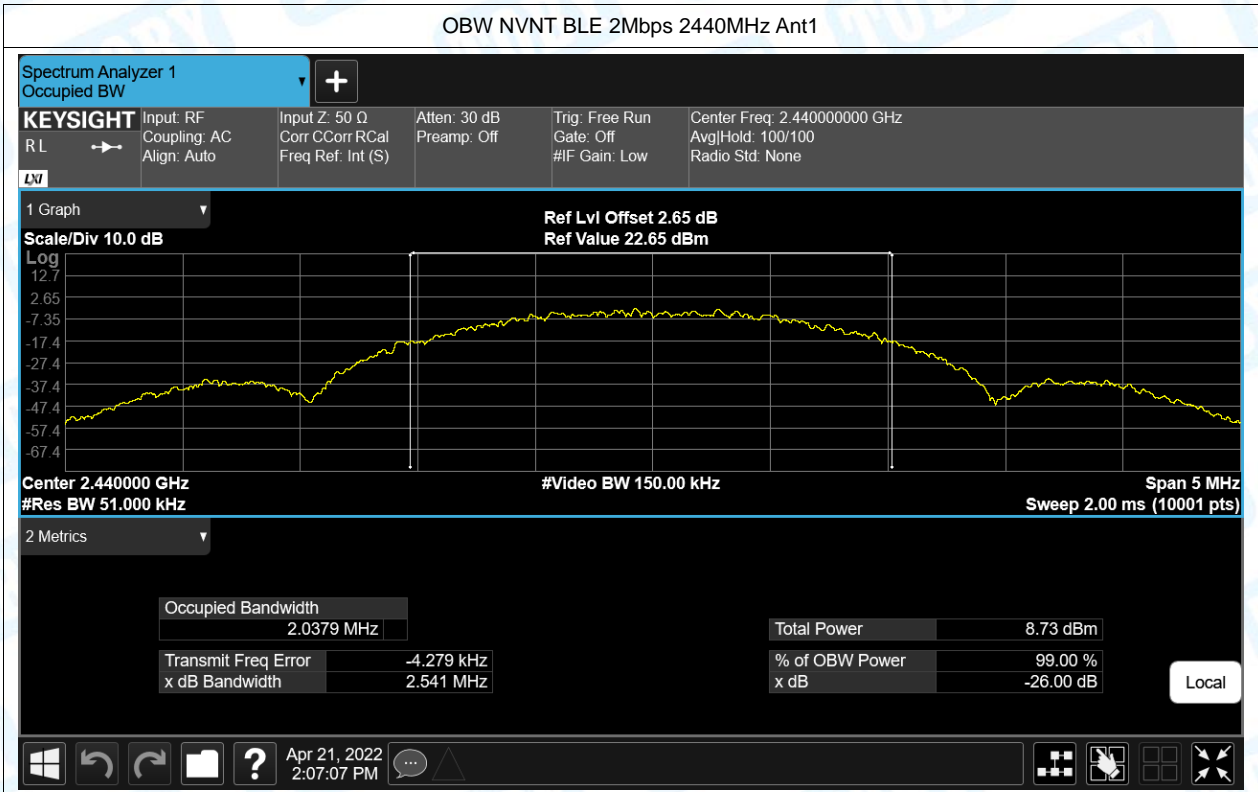


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1Mbps	2402	Ant1	1.029
NVNT	BLE 1Mbps	2440	Ant1	1.027
NVNT	BLE 1Mbps	2480	Ant1	1.042
NVNT	BLE 2Mbps	2402	Ant1	2.037
NVNT	BLE 2Mbps	2440	Ant1	2.038
NVNT	BLE 2Mbps	2480	Ant1	2.021

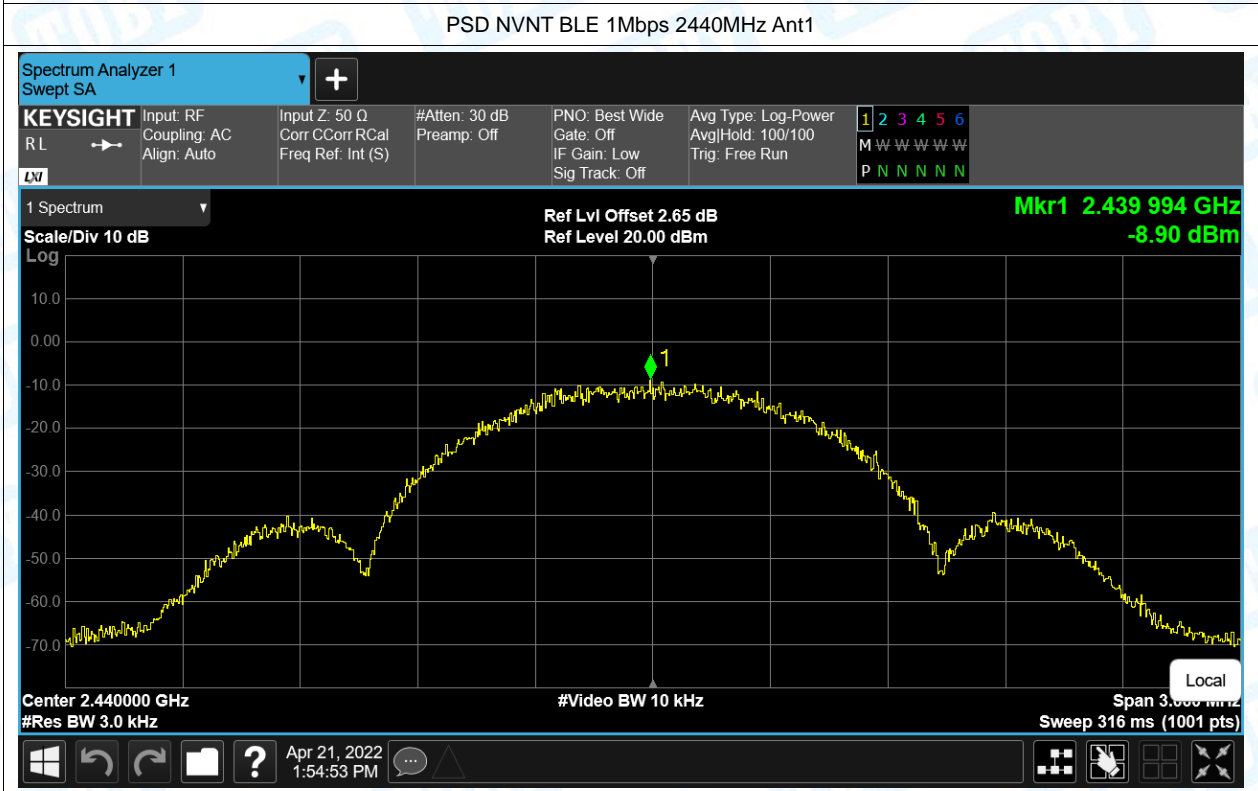
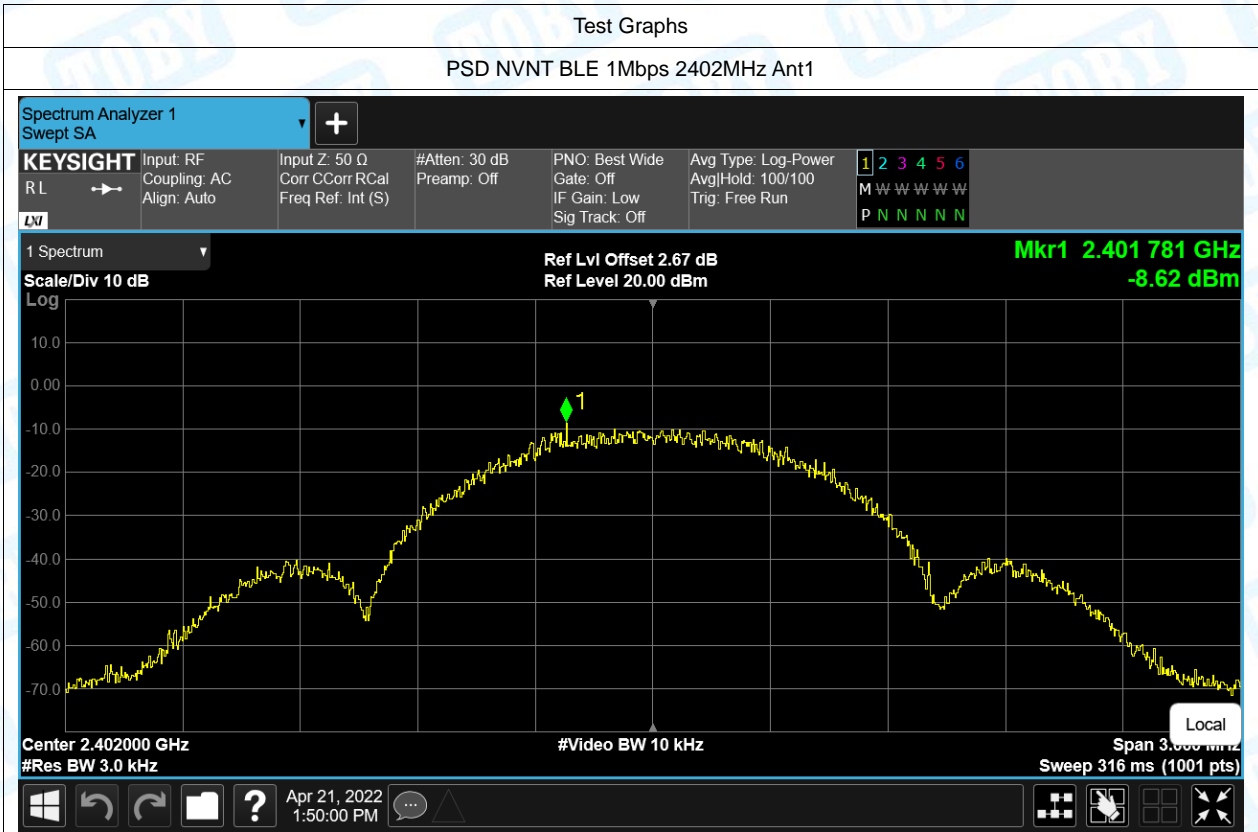


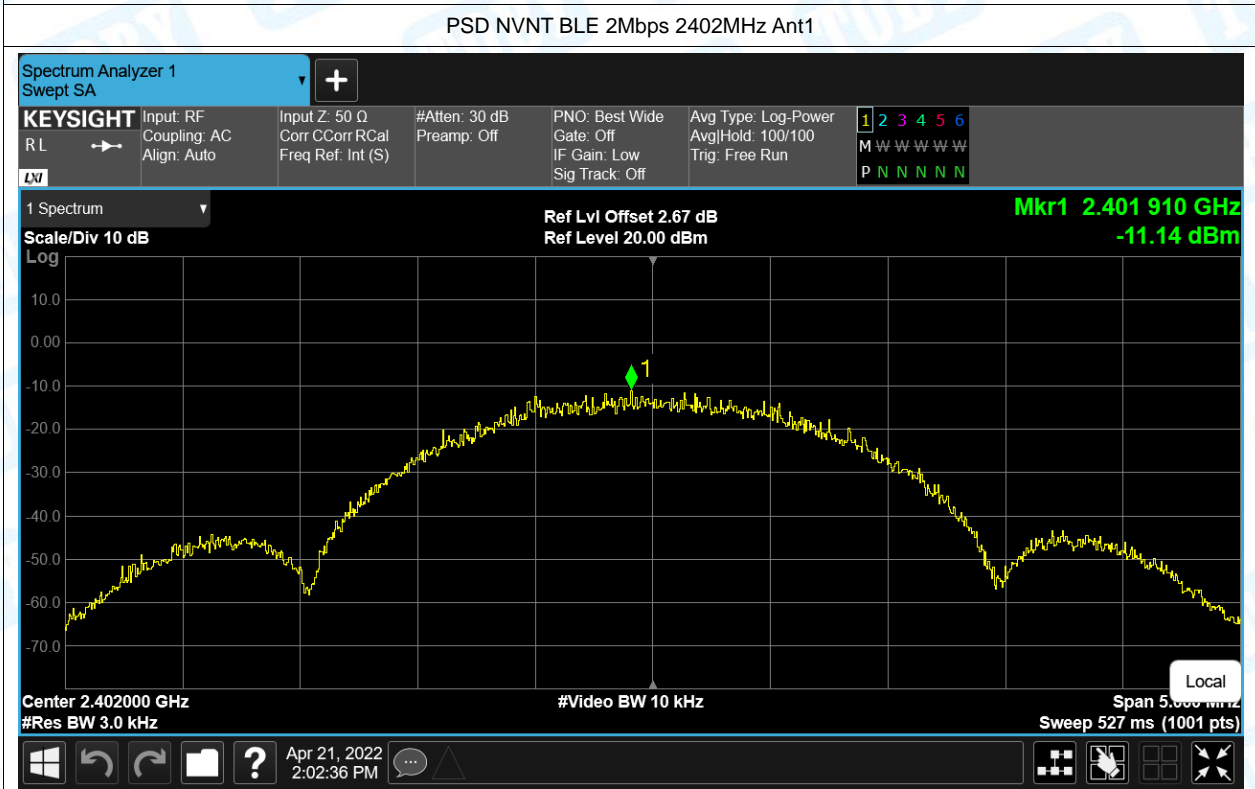
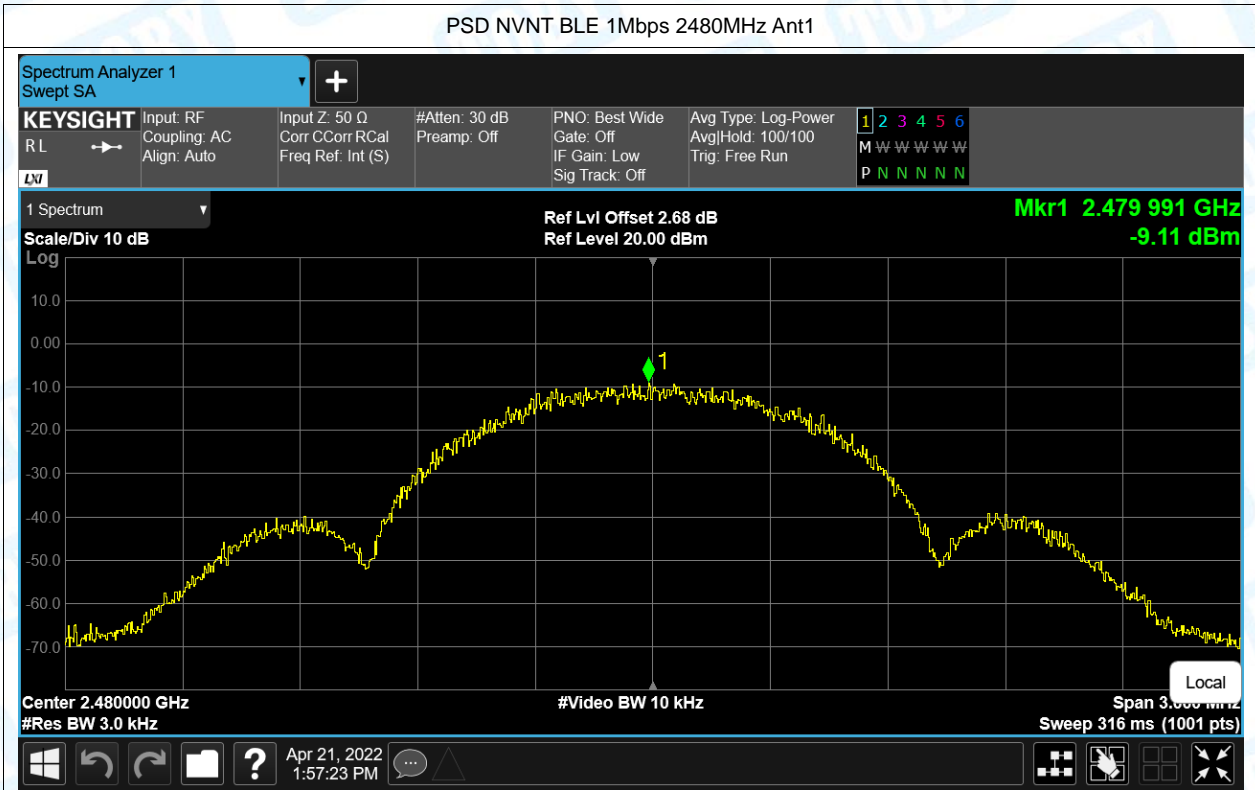


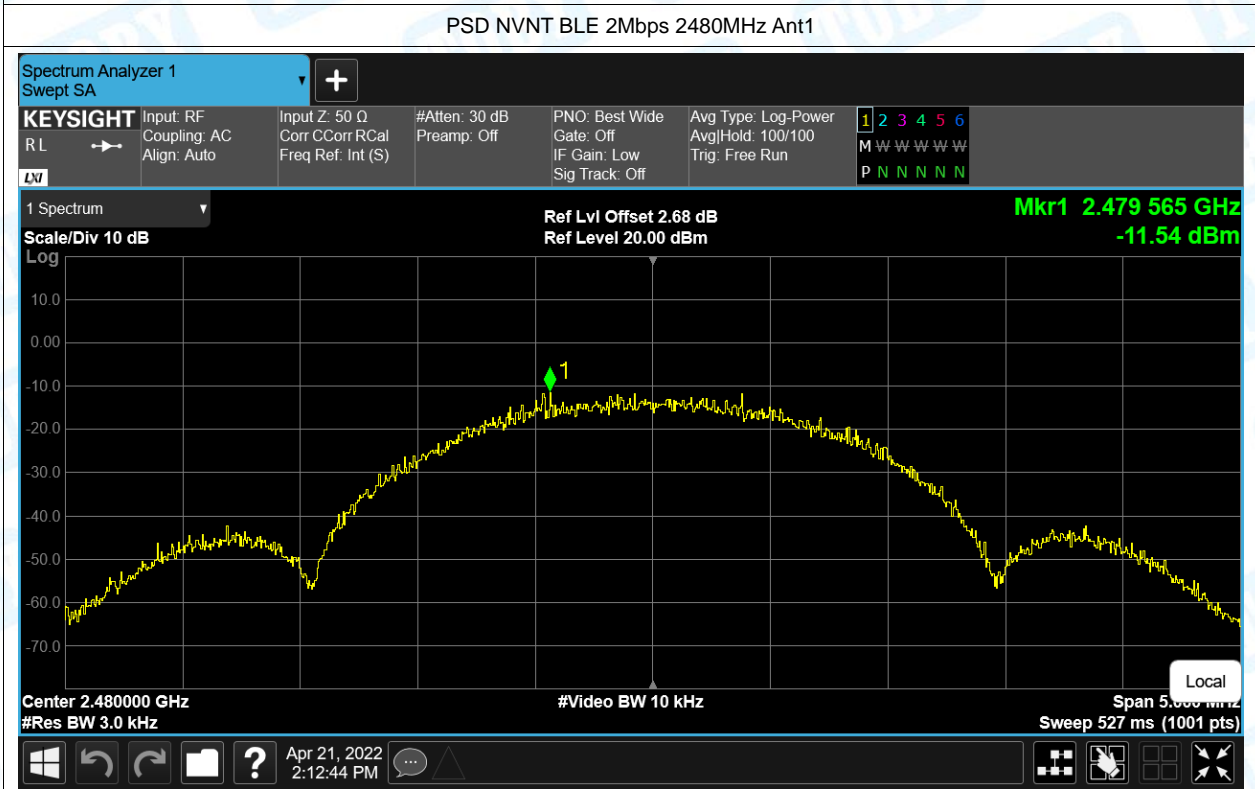
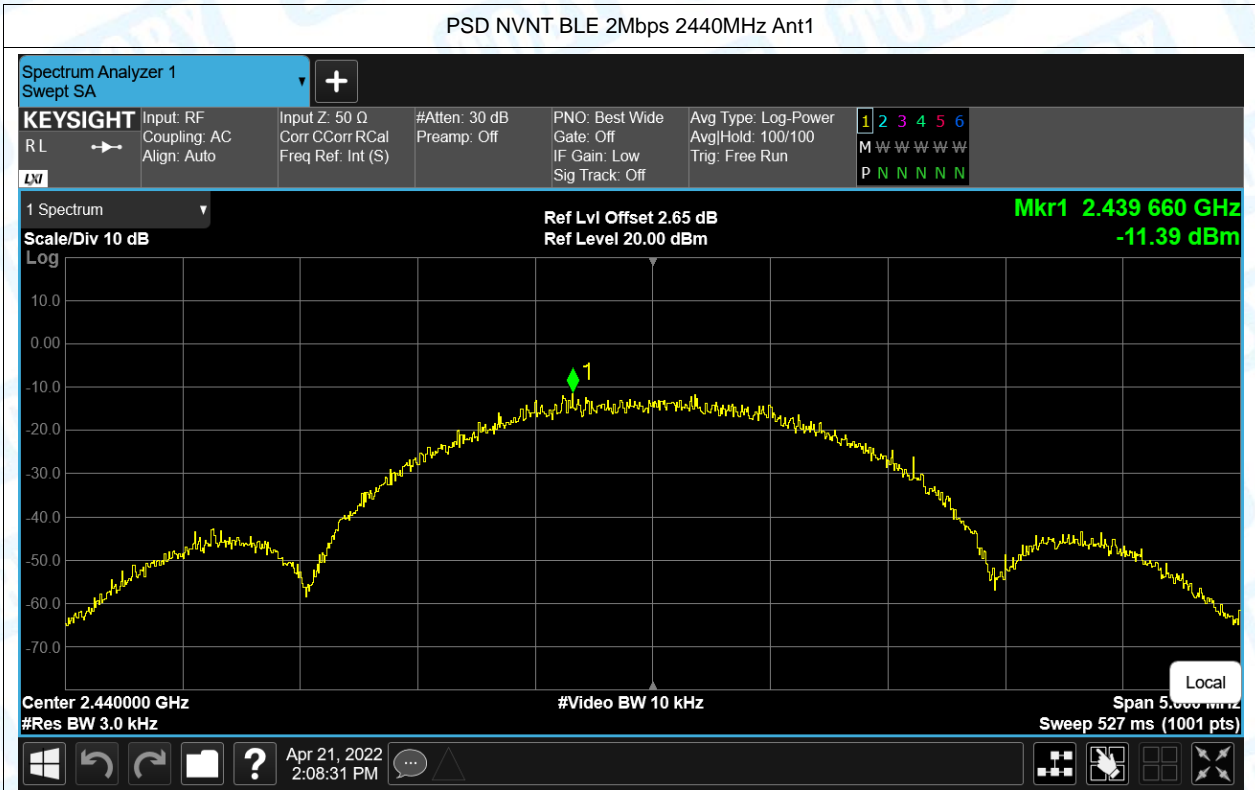


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)/3KHz	Limit (dBm)/3KHz	Verdict
NVNT	BLE 1Mbps	2402	Ant1	-8.62	8	Pass
NVNT	BLE 1Mbps	2440	Ant1	-8.897	8	Pass
NVNT	BLE 1Mbps	2480	Ant1	-9.113	8	Pass
NVNT	BLE 2Mbps	2402	Ant1	-11.145	8	Pass
NVNT	BLE 2Mbps	2440	Ant1	-11.389	8	Pass
NVNT	BLE 2Mbps	2480	Ant1	-11.543	8	Pass

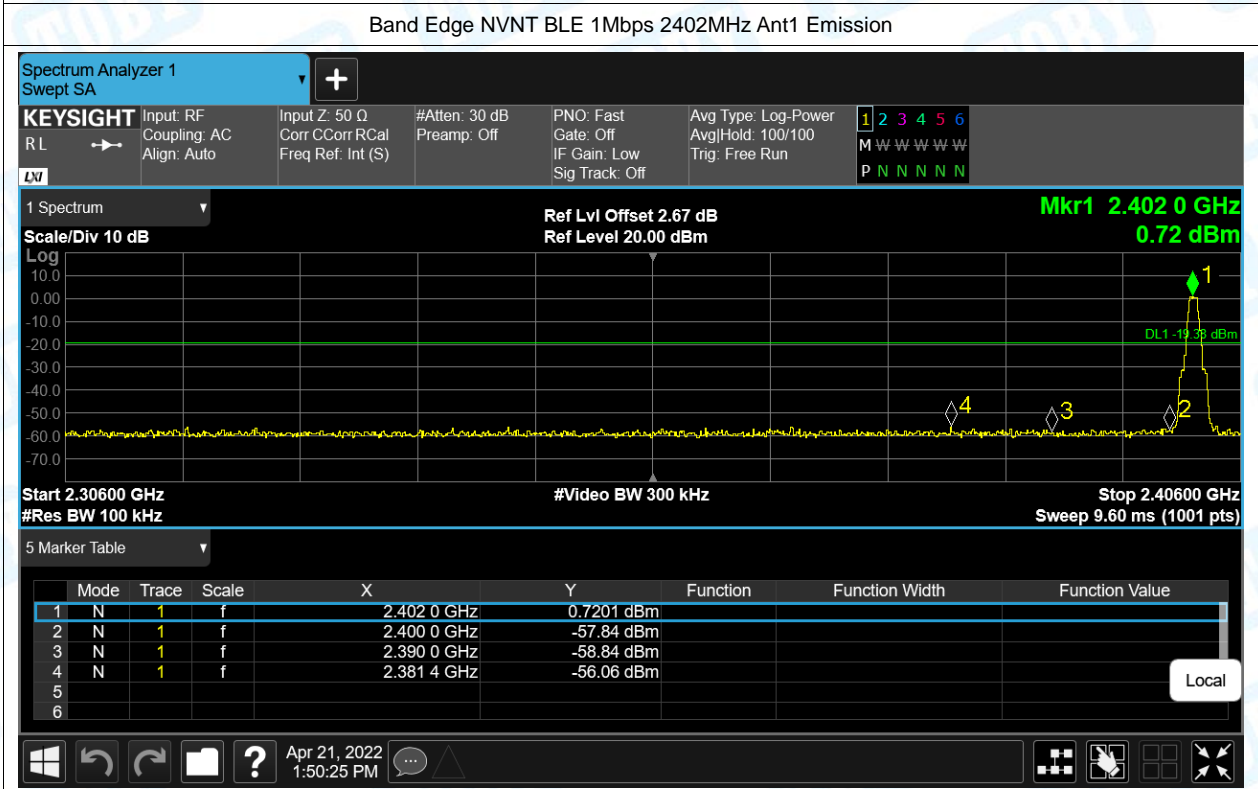
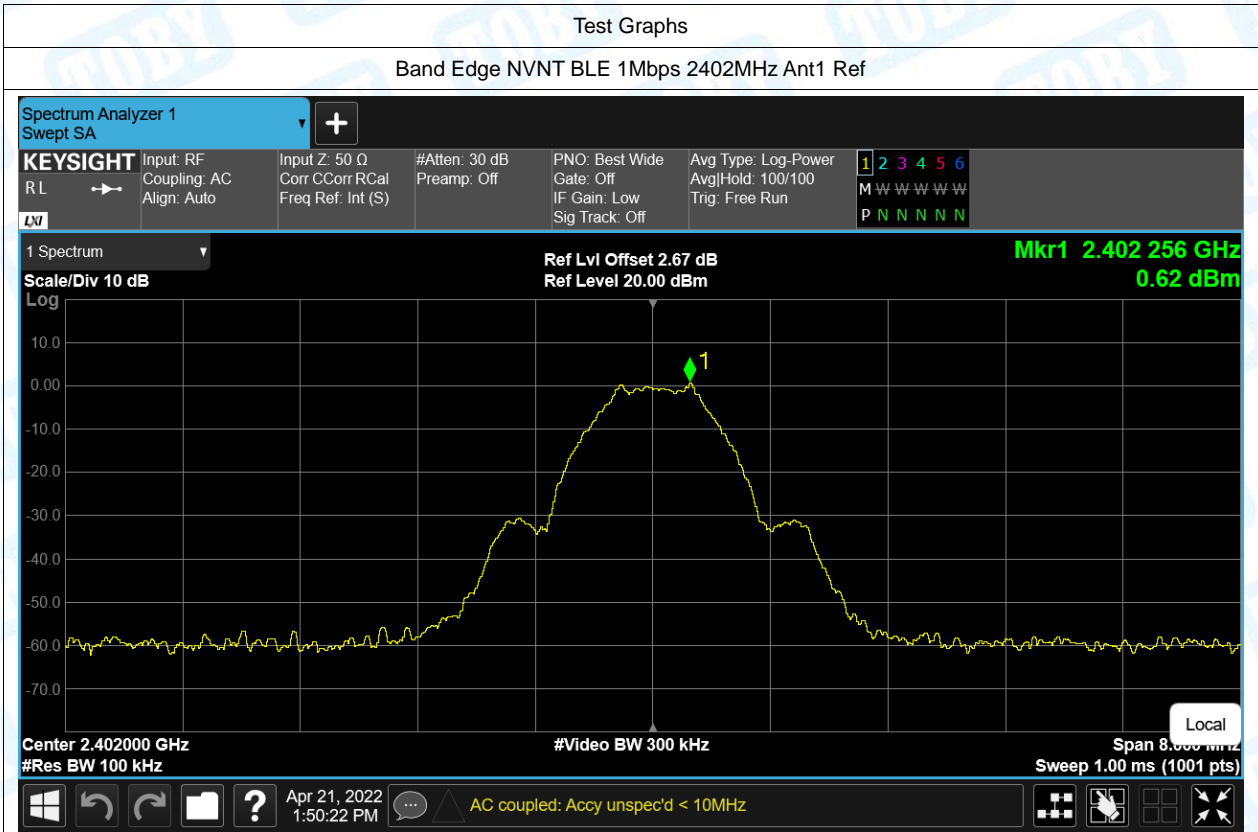


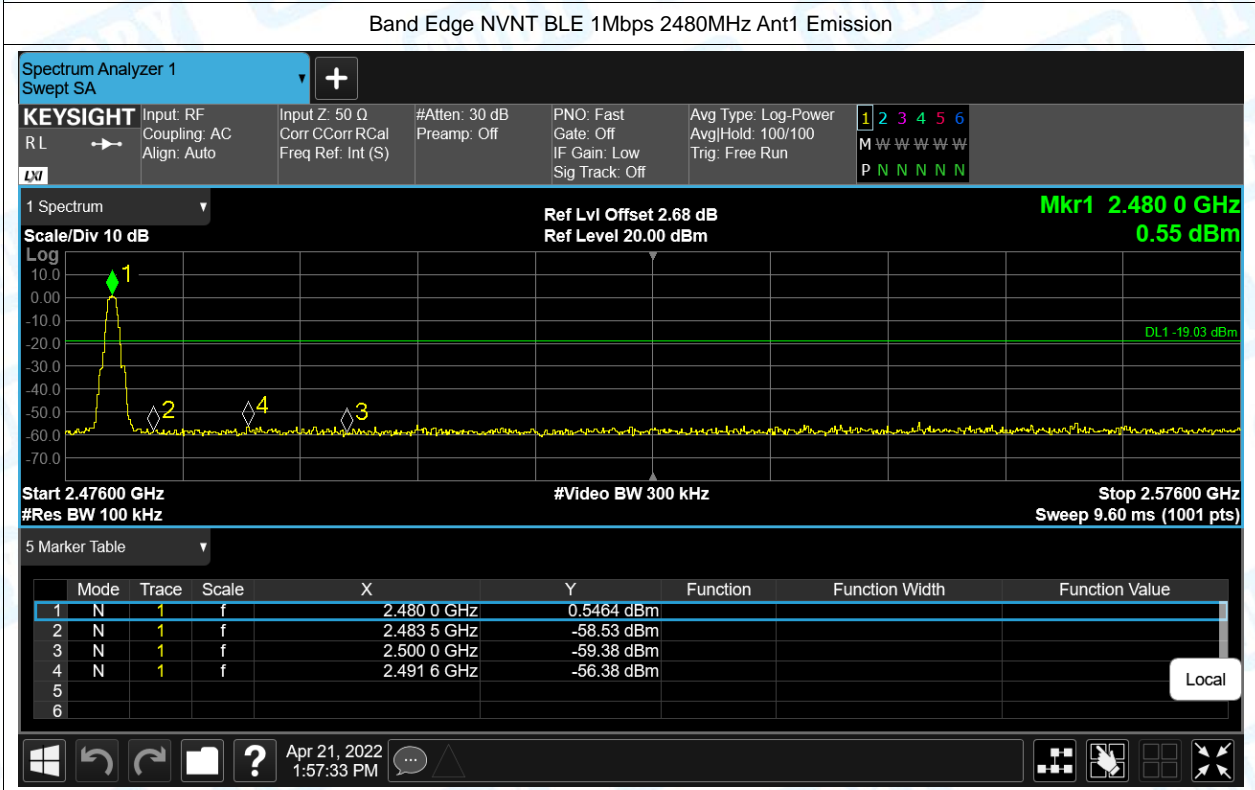
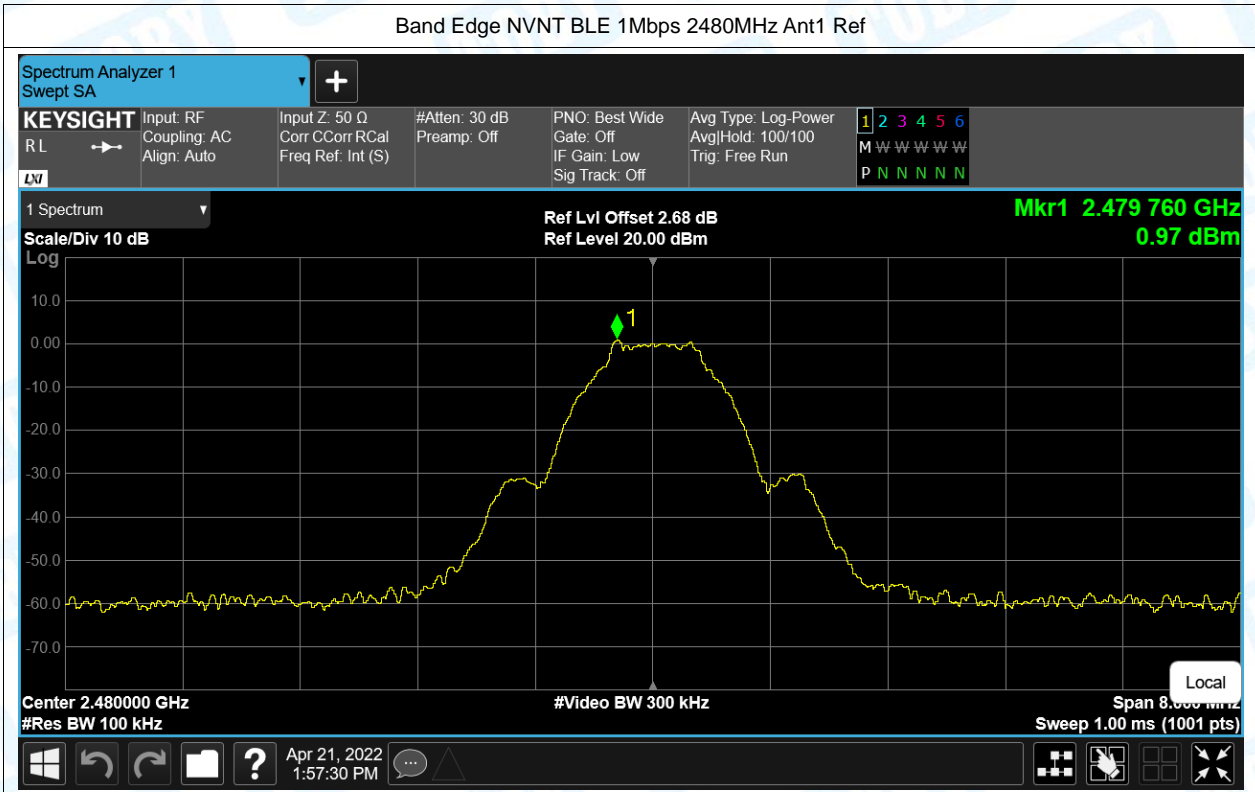


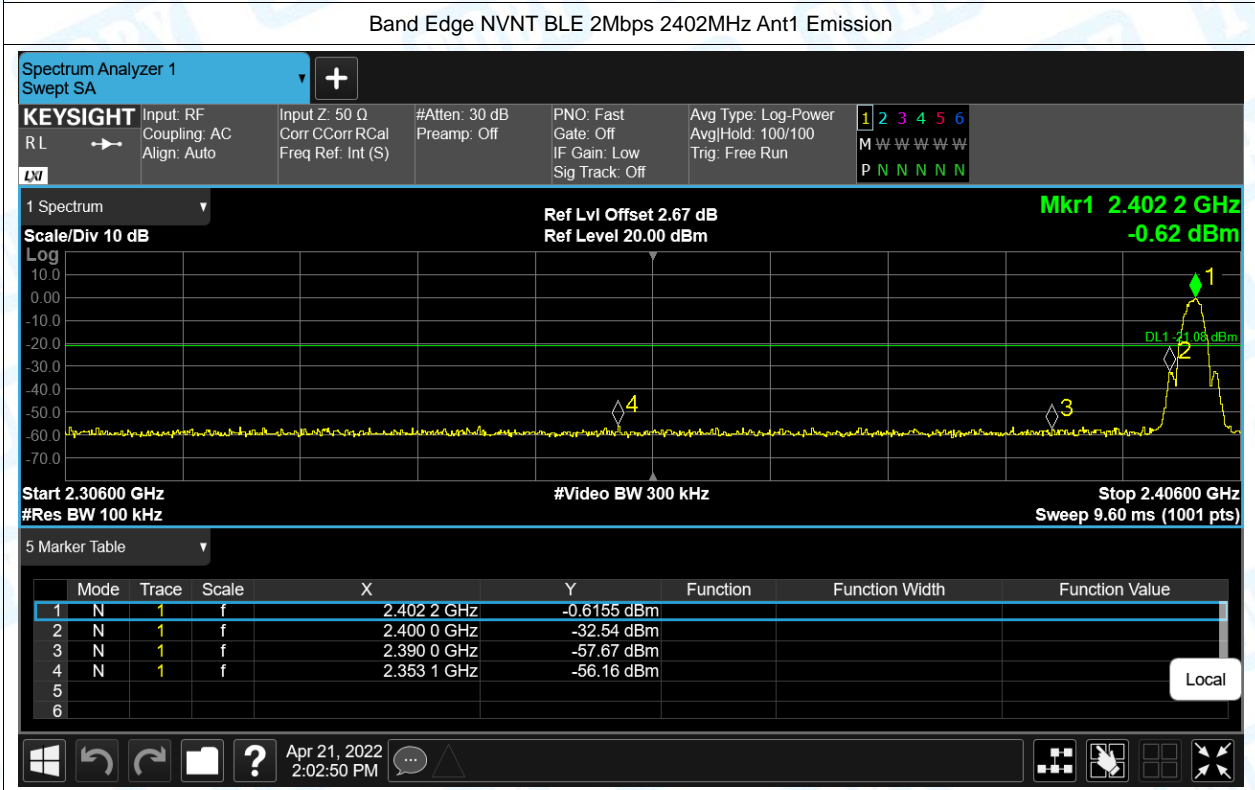
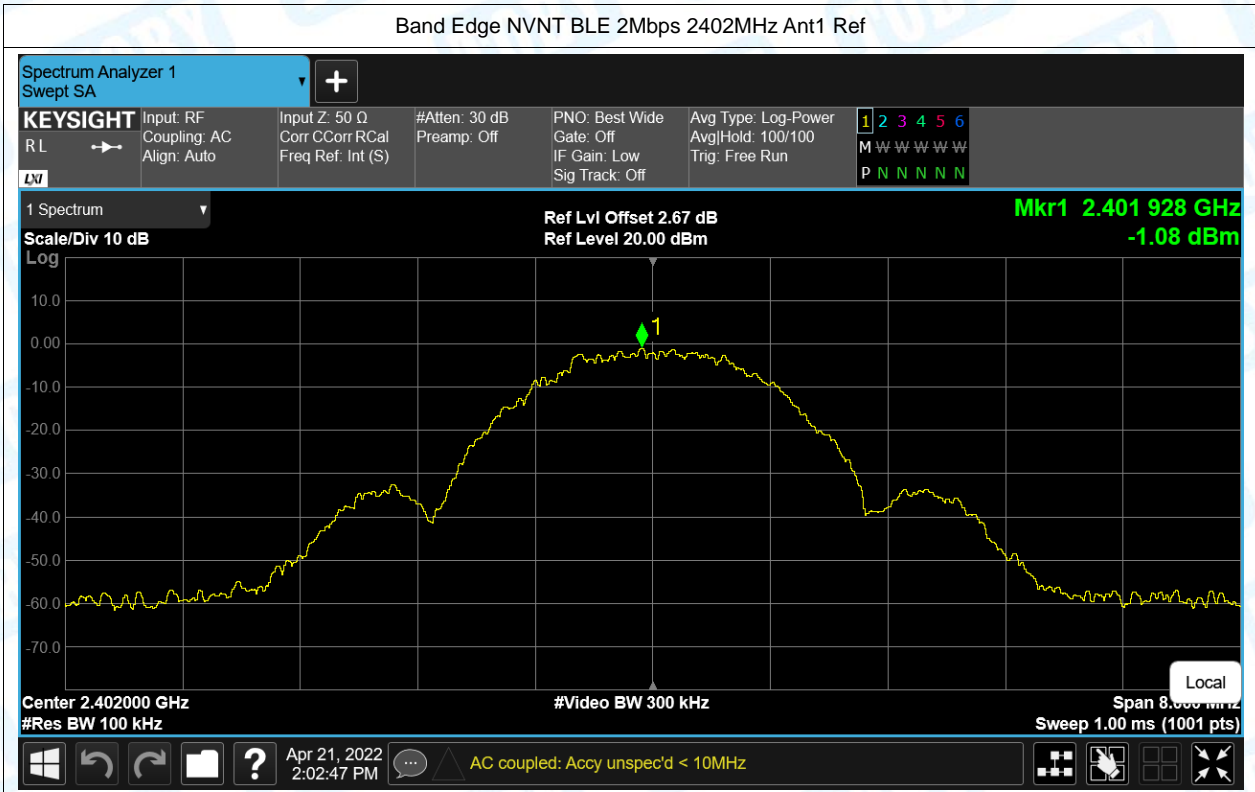


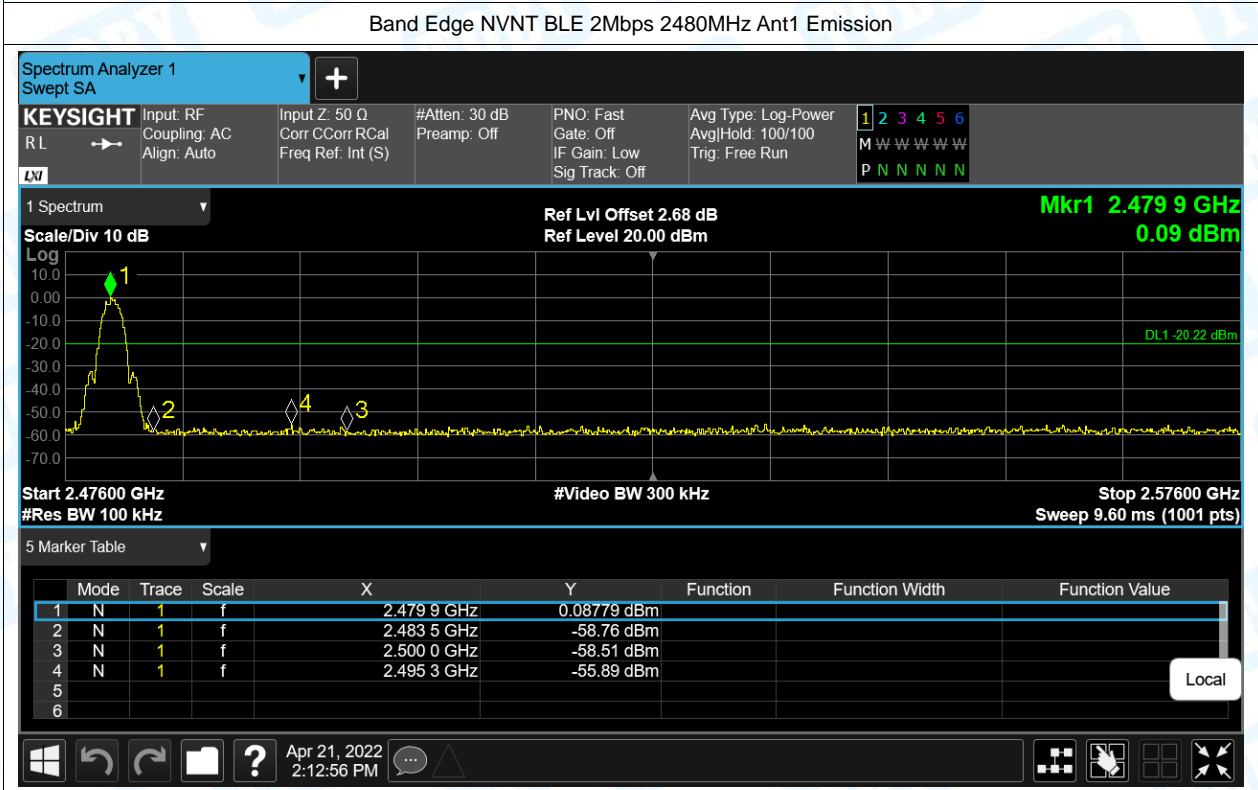
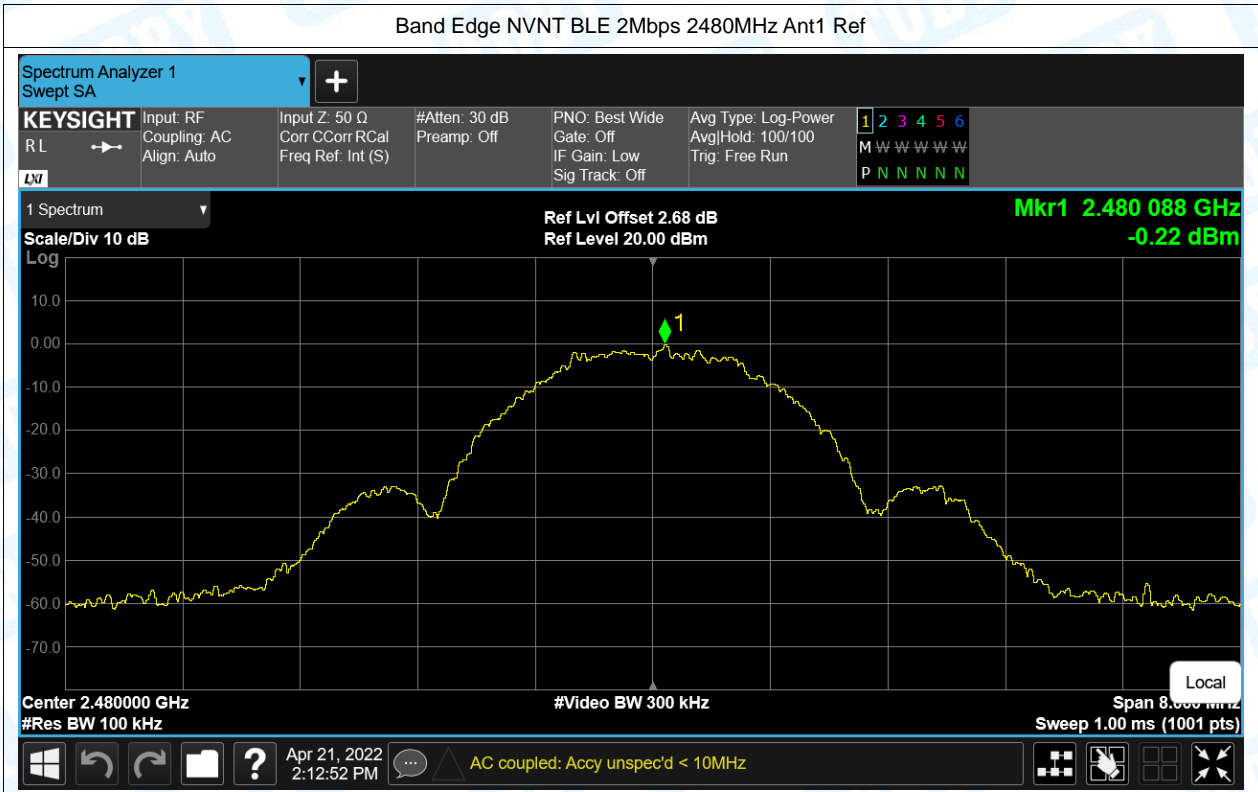
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	-56.68	-20	Pass
NVNT	BLE 1Mbps	2480	Ant1	-57.35	-20	Pass
NVNT	BLE 2Mbps	2402	Ant1	-55.08	-20	Pass
NVNT	BLE 2Mbps	2480	Ant1	-55.67	-20	Pass



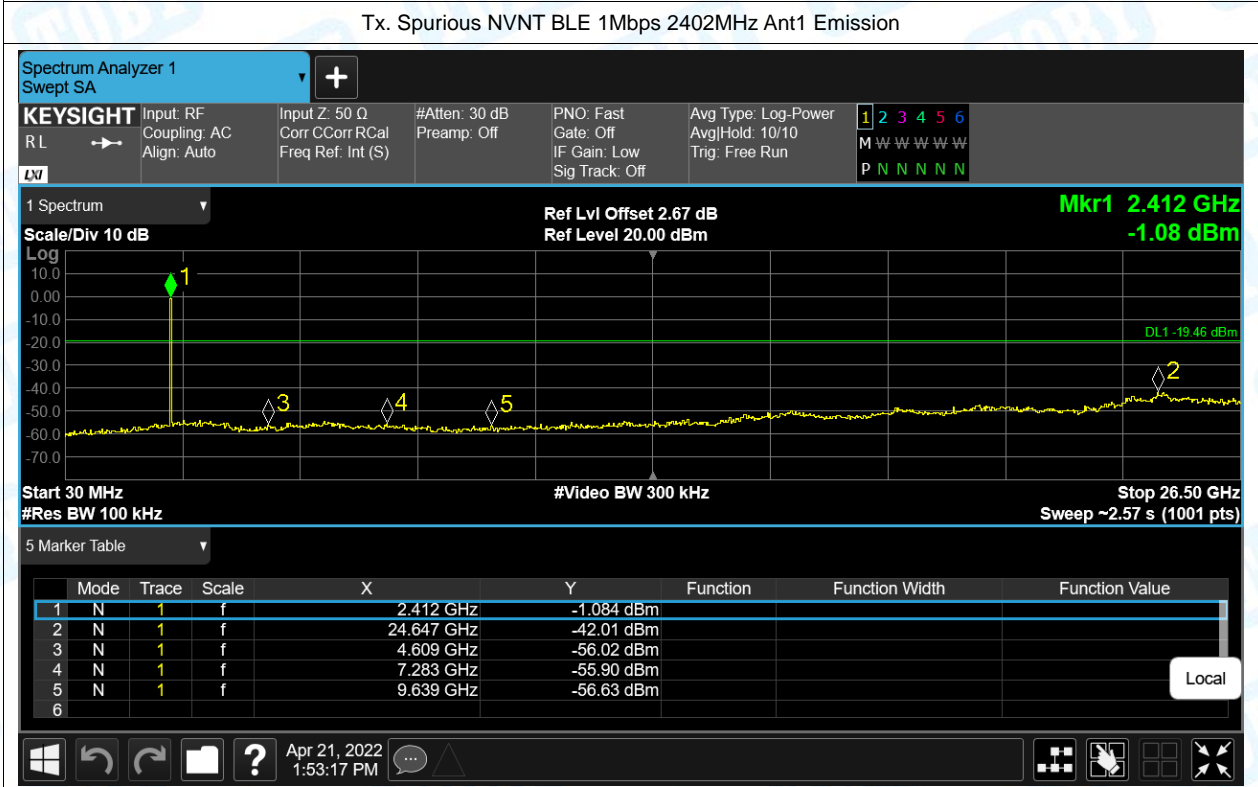
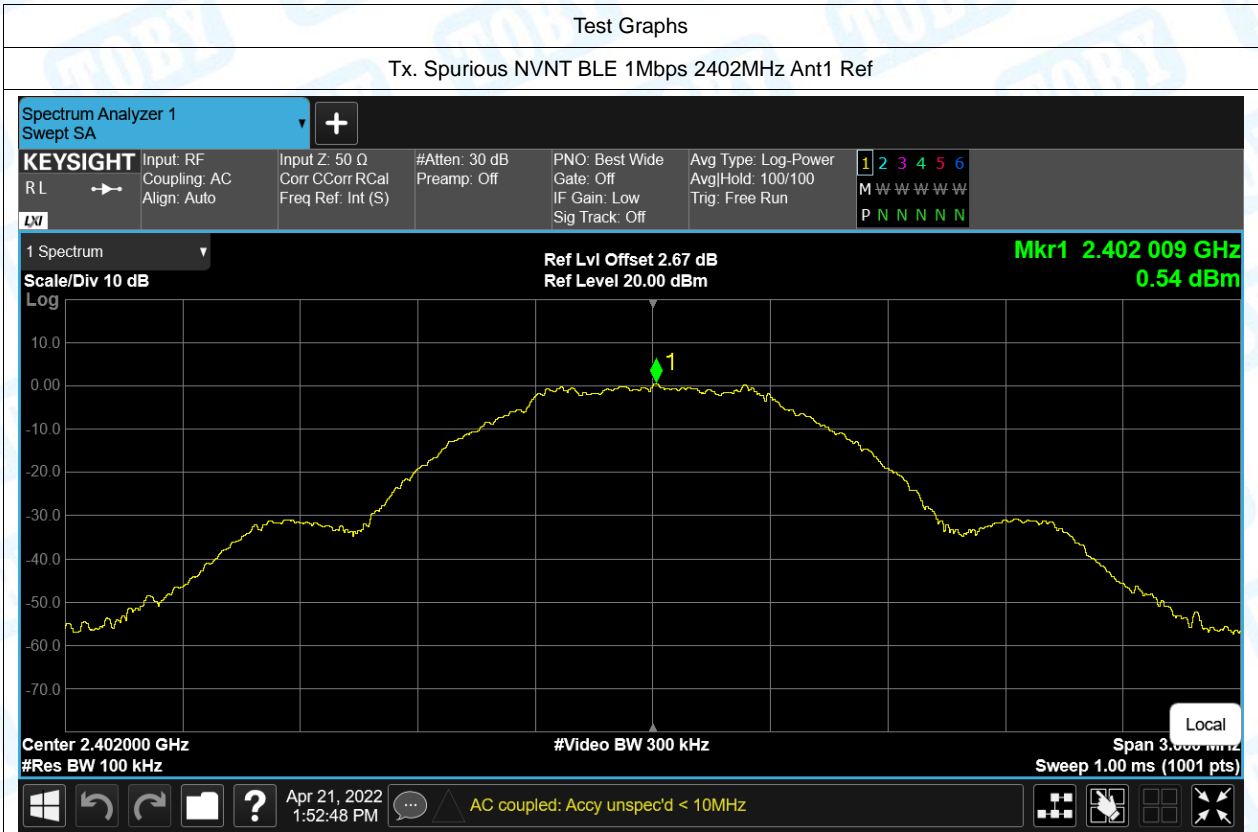


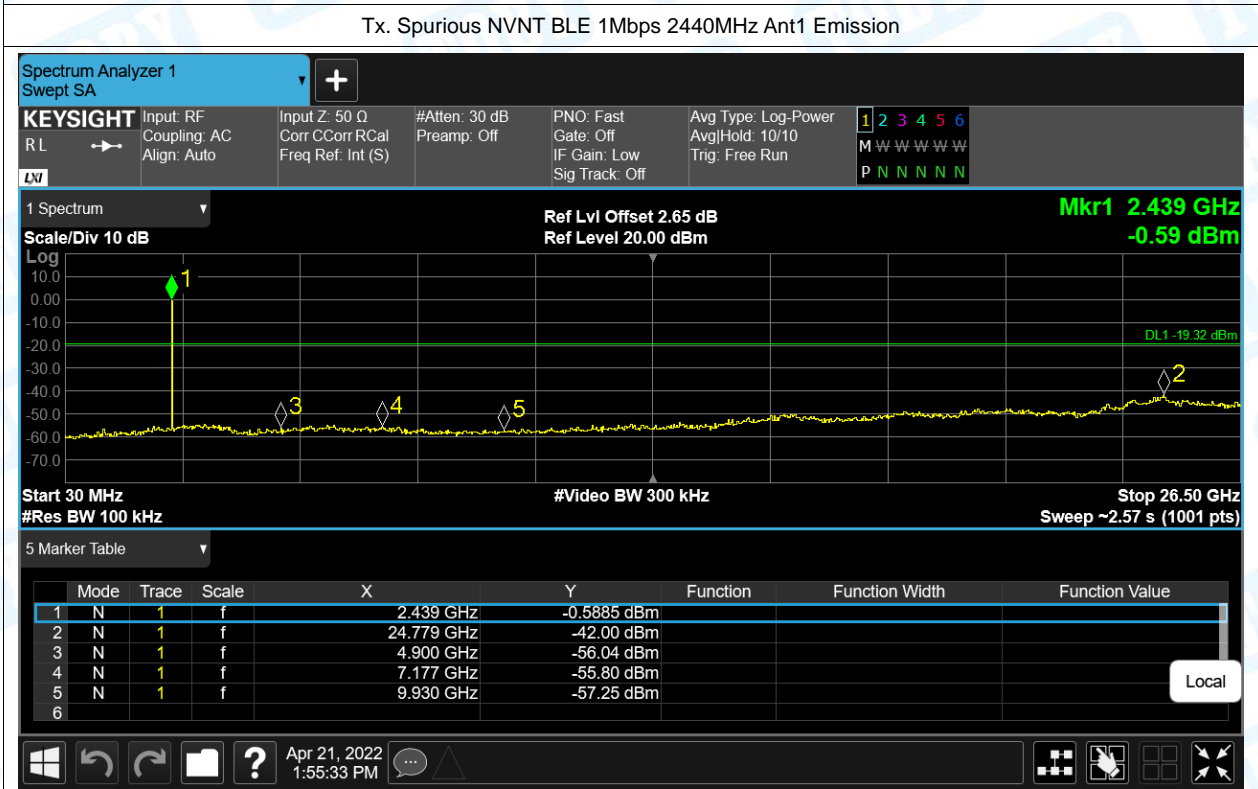
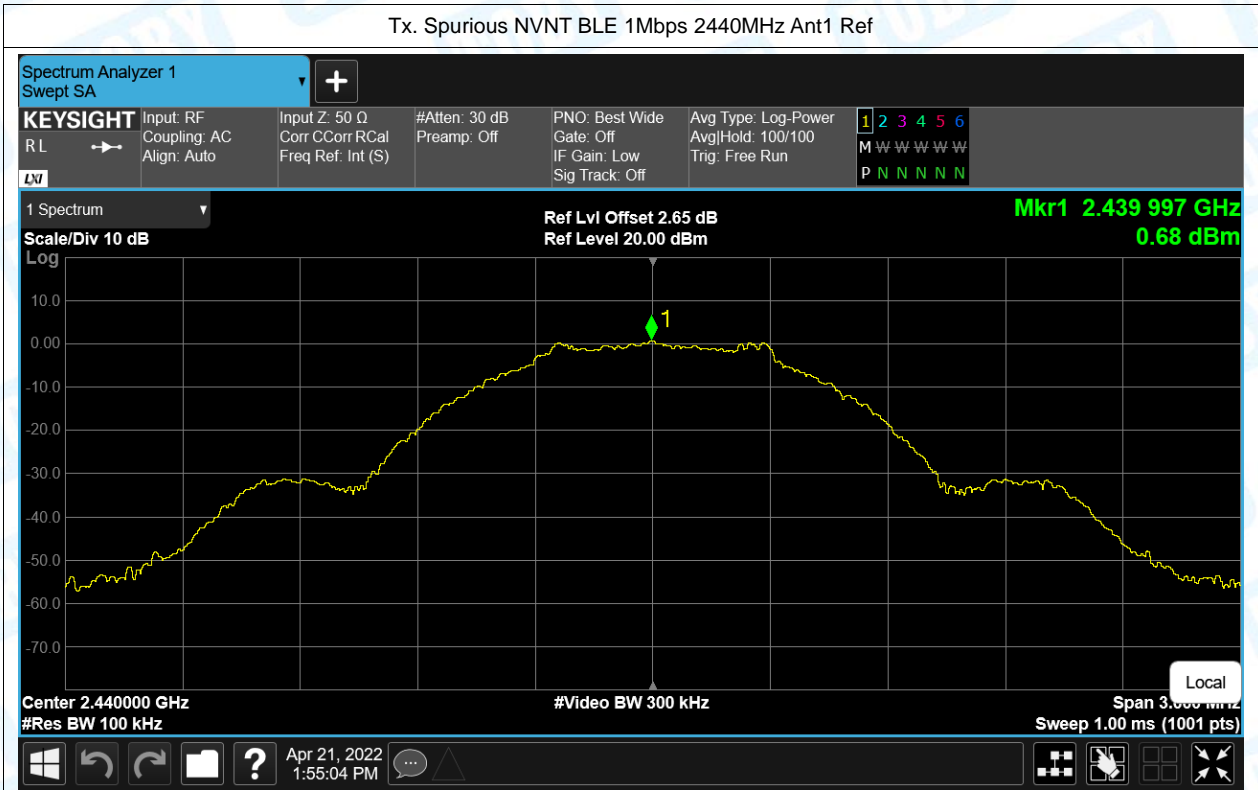


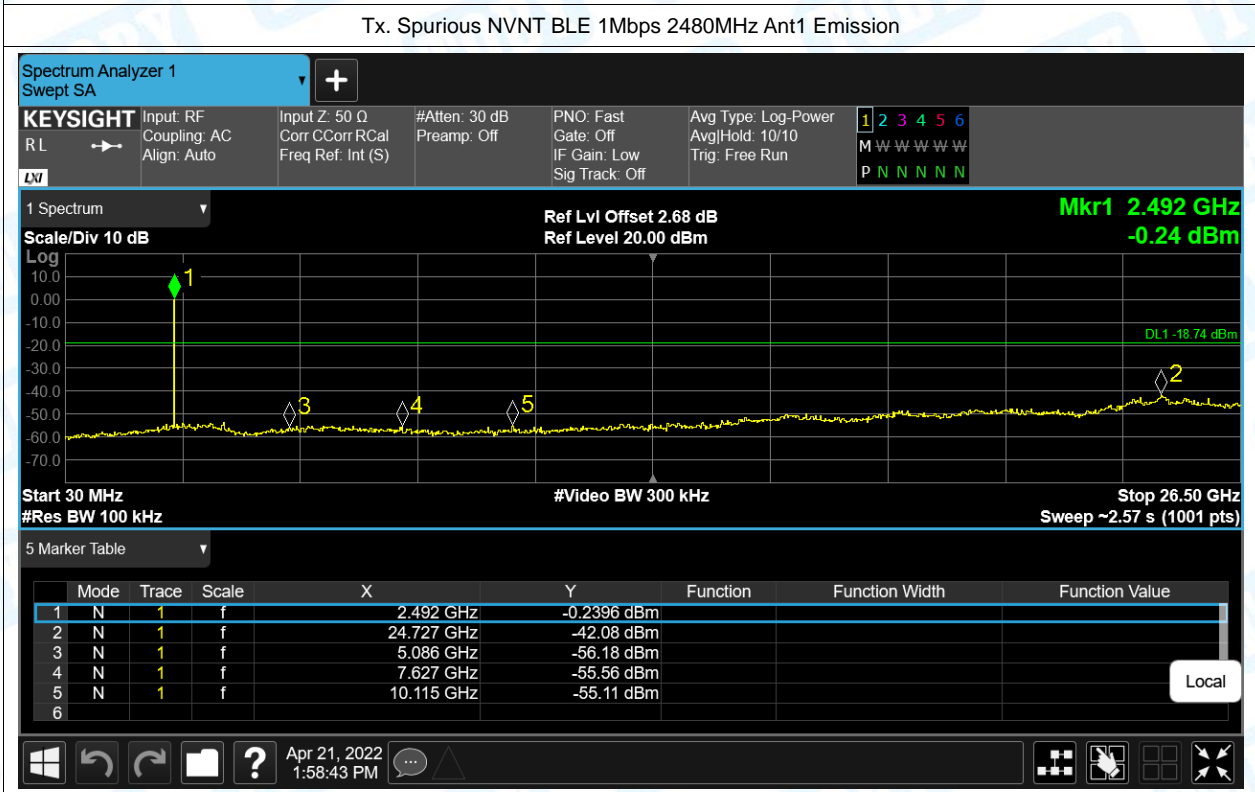
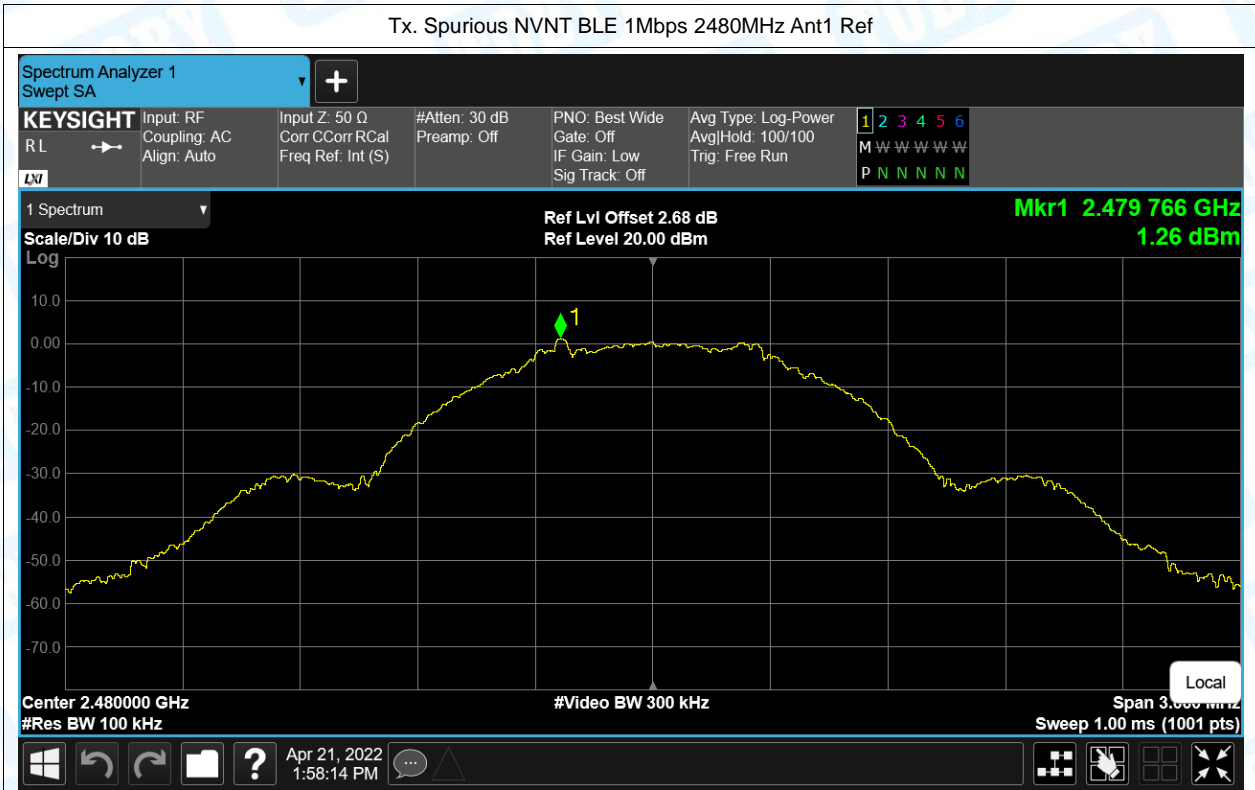


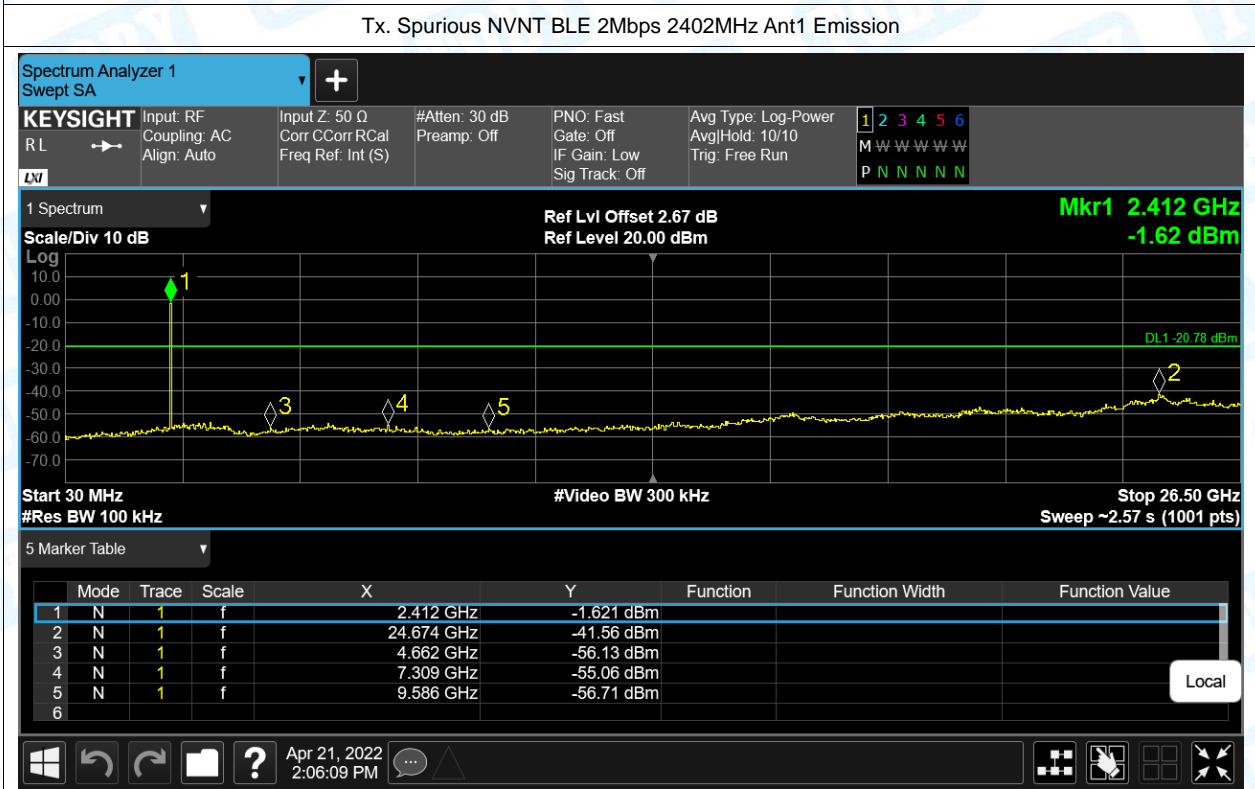
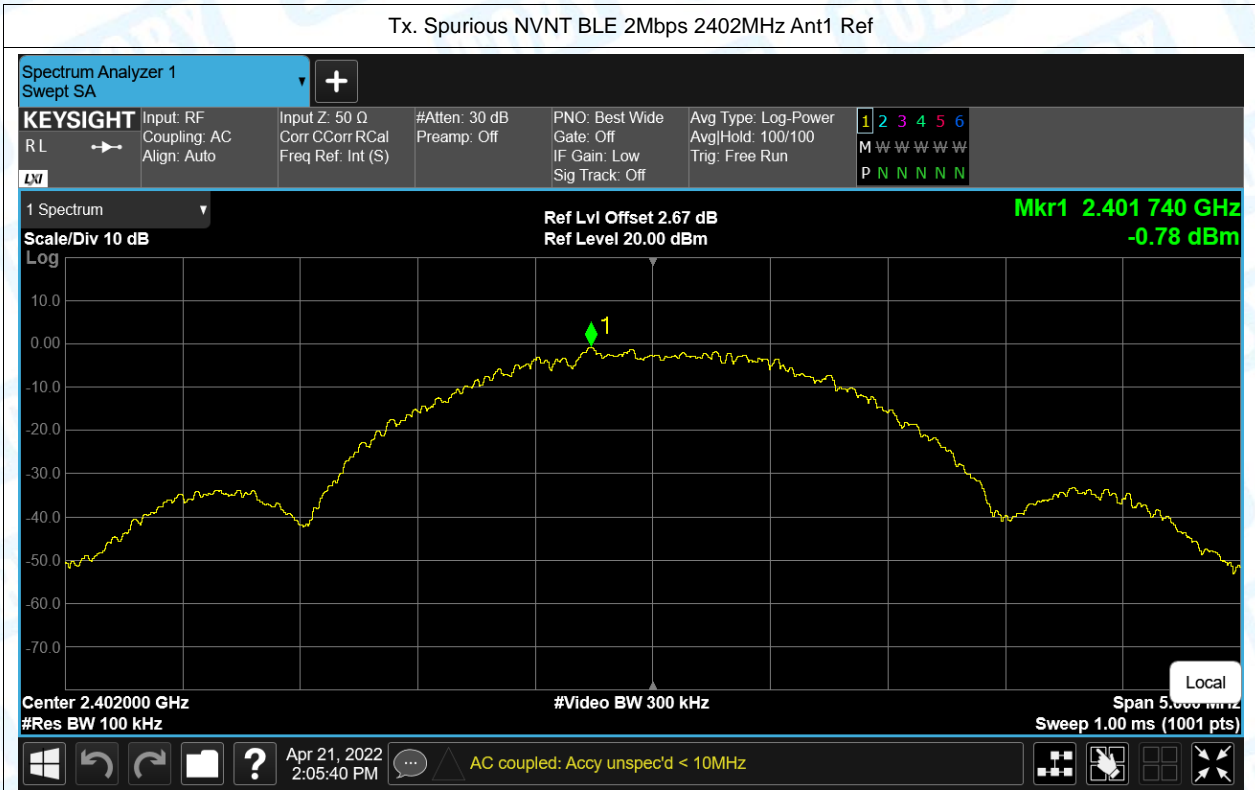
Conducted RF Spurious Emission

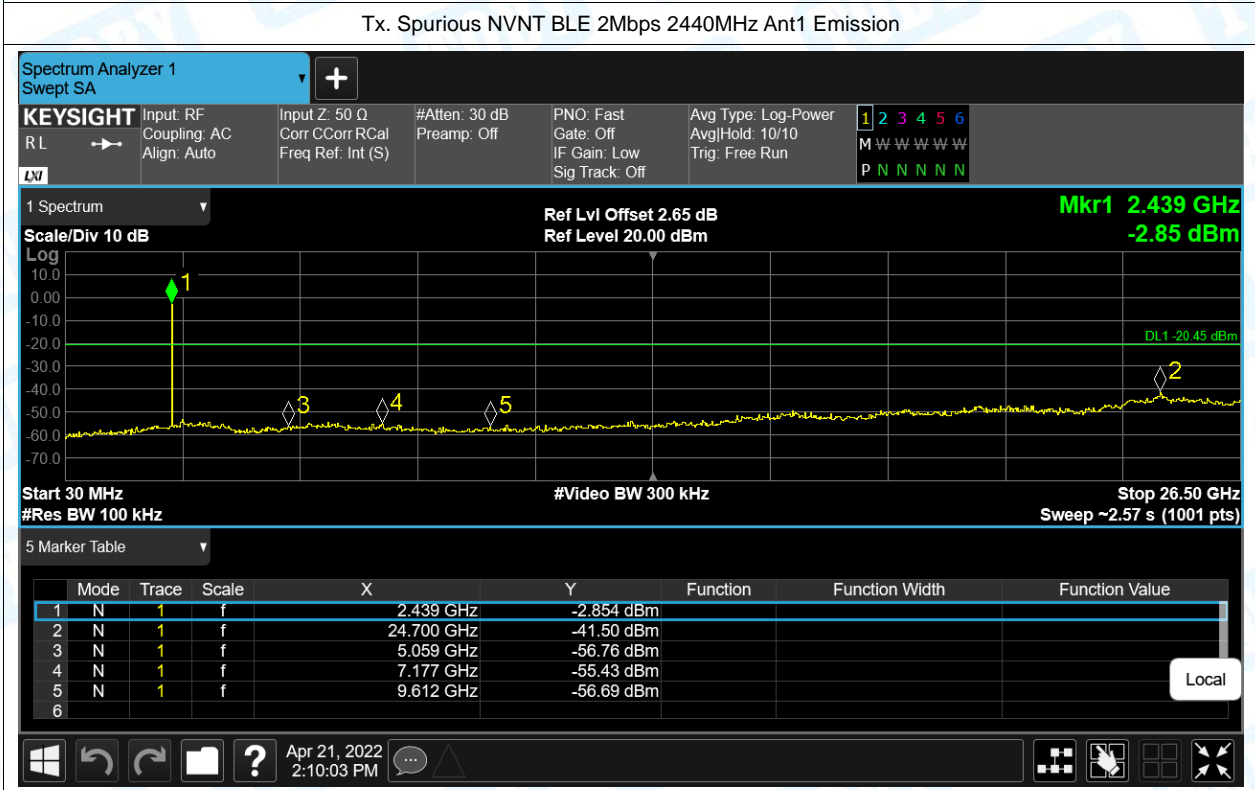
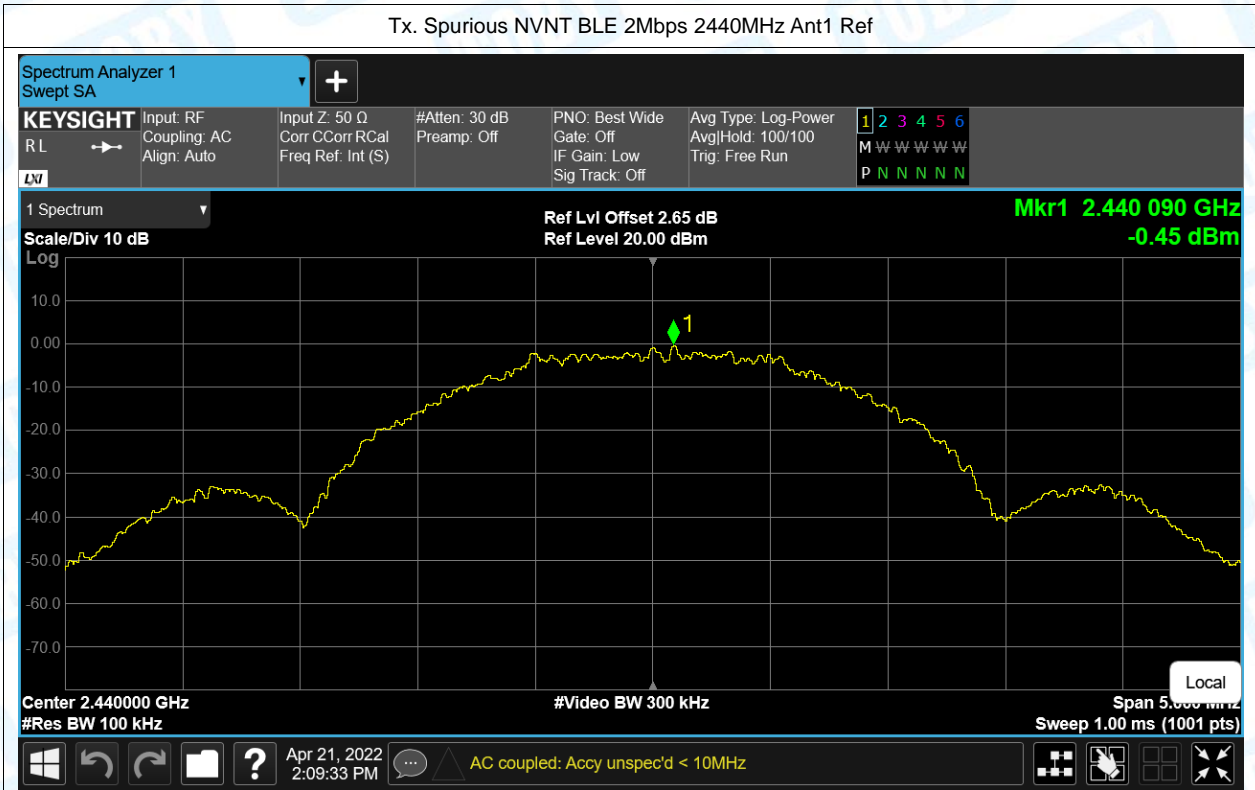
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	-42.55	-20	Pass
NVNT	BLE 1Mbps	2440	Ant1	-42.68	-20	Pass
NVNT	BLE 1Mbps	2480	Ant1	-43.34	-20	Pass
NVNT	BLE 2Mbps	2402	Ant1	-40.78	-20	Pass
NVNT	BLE 2Mbps	2440	Ant1	-41.05	-20	Pass
NVNT	BLE 2Mbps	2480	Ant1	-40.37	-20	Pass

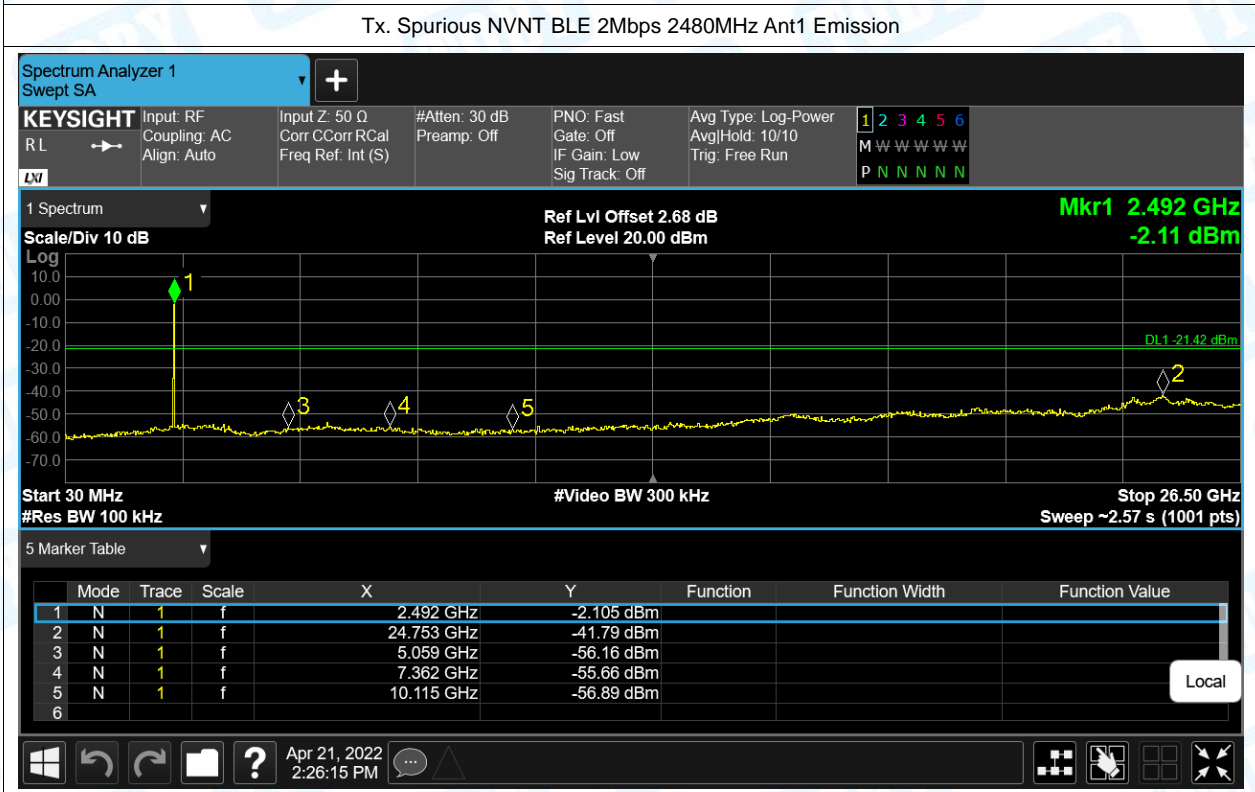
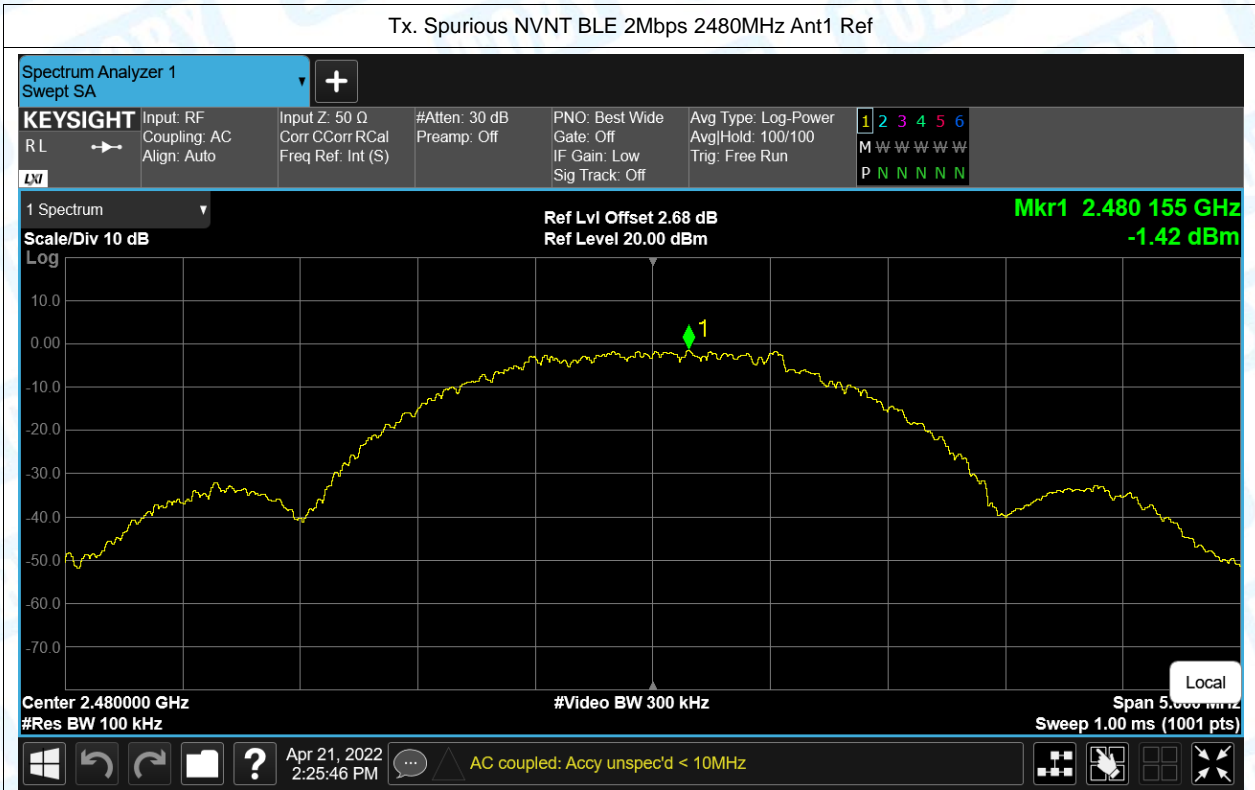








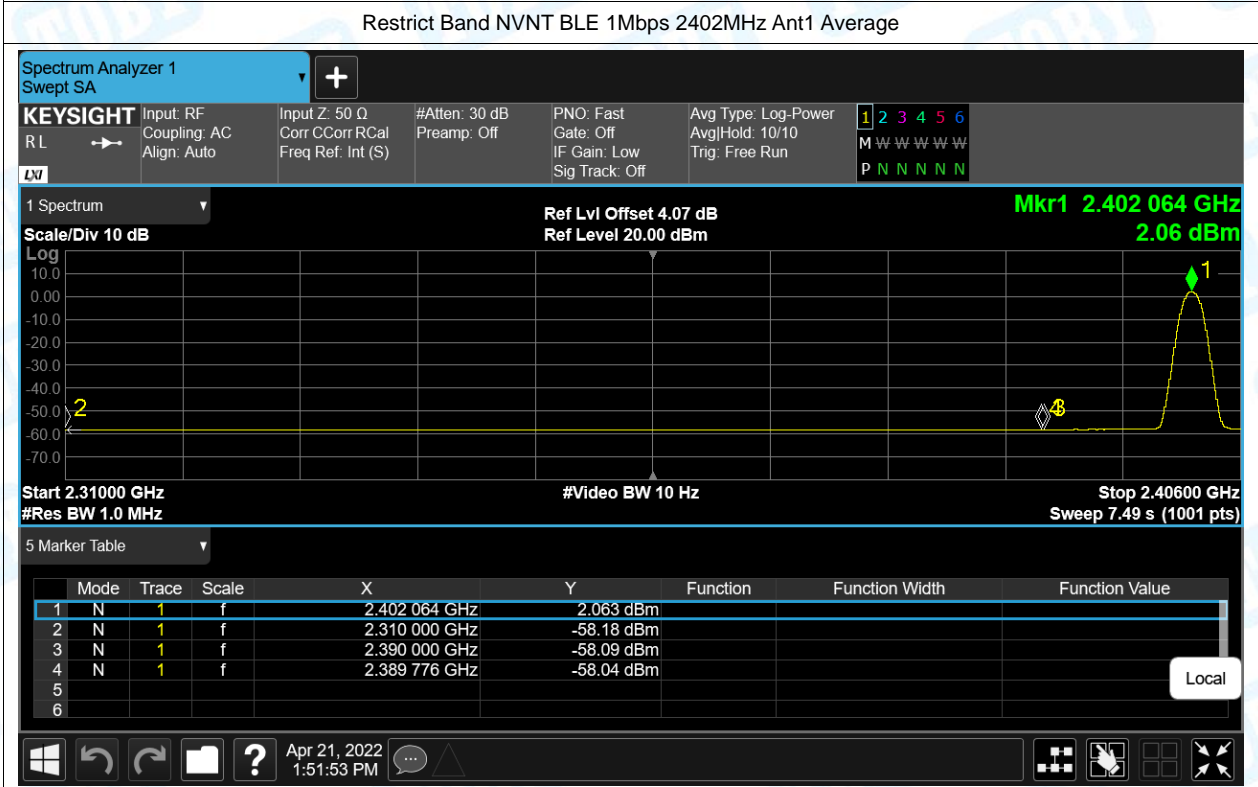
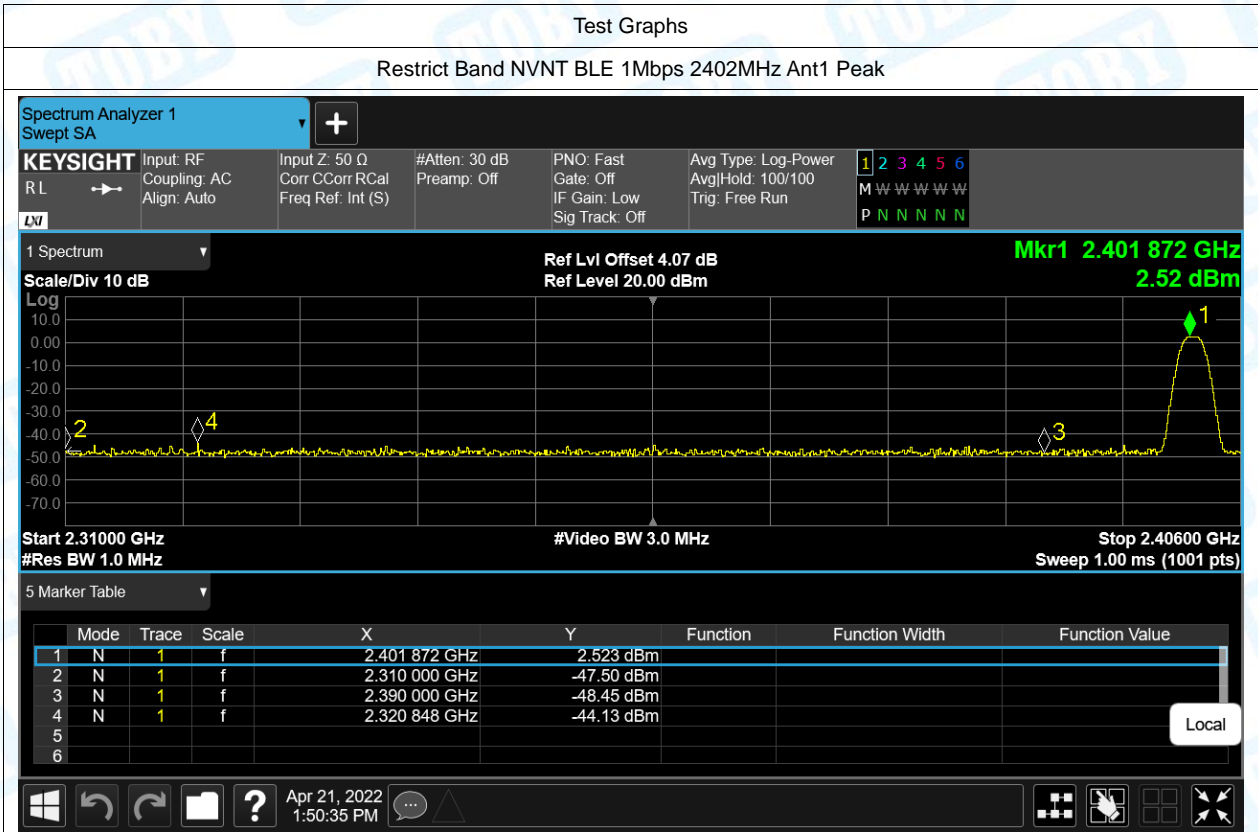




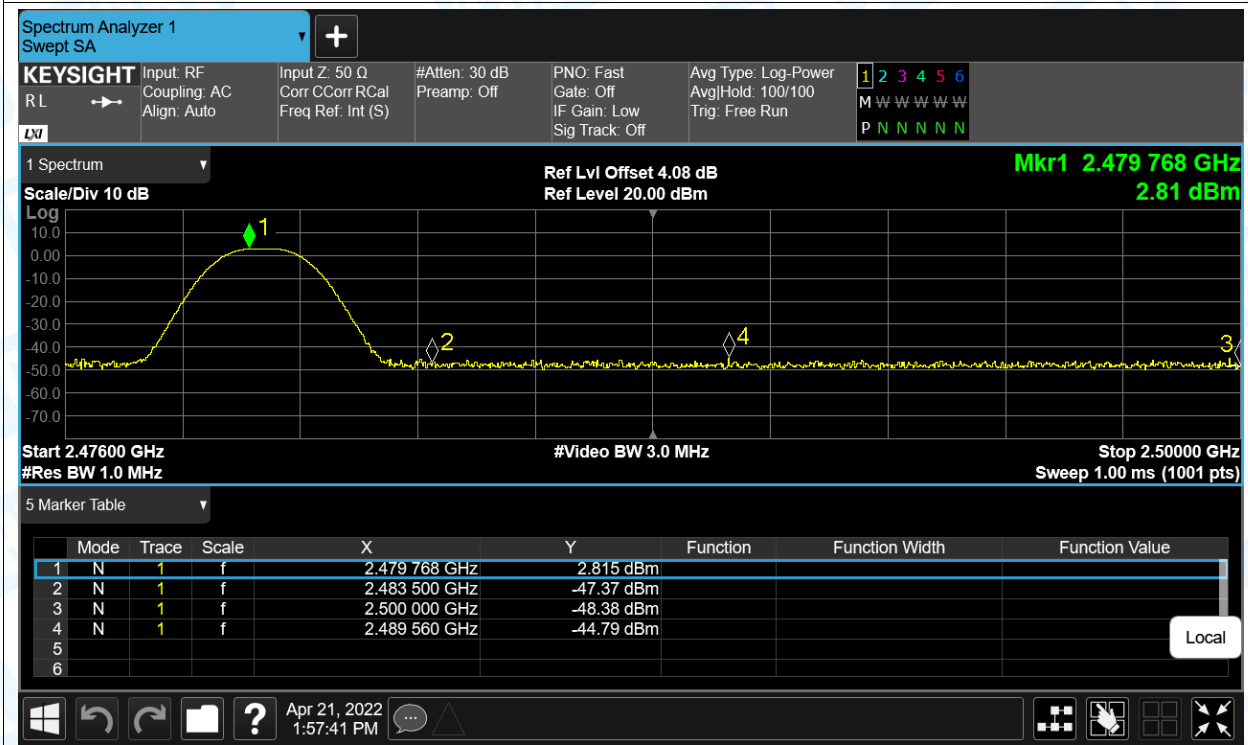
Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	2310	-47.5	2	49.76	Peak	74	Pass
NVNT	BLE 1Mbps	2402	Ant1	2310	-58.18	2	39.08	Average	54	Pass
NVNT	BLE 1Mbps	2402	Ant1	2320.848	-44.13	2	53.13	Peak	74	Pass
NVNT	BLE 1Mbps	2402	Ant1	2389.776	-58.04	2	39.22	Average	54	Pass
NVNT	BLE 1Mbps	2402	Ant1	2390	-48.63	2	48.63	Peak	74	Pass
NVNT	BLE 1Mbps	2402	Ant1	2390	-58.08	2	39.18	Average	54	Pass
NVNT	BLE 1Mbps	2480	Ant1	2483.5	-47.37	2	49.89	Peak	74	Pass
NVNT	BLE 1Mbps	2480	Ant1	2483.5	-57.66	2	39.6	Average	54	Pass
NVNT	BLE 1Mbps	2480	Ant1	2489.56	-44.79	2	52.47	Peak	74	Pass
NVNT	BLE 1Mbps	2480	Ant1	2483.536	-57.65	2	39.61	Average	54	Pass
NVNT	BLE 1Mbps	2480	Ant1	2500	-48.38	2	48.88	Peak	74	Pass
NVNT	BLE 1Mbps	2480	Ant1	2500	-57.86	2	39.4	Average	54	Pass
NVNT	BLE 2Mbps	2402	Ant1	2310	-46.75	2	50.51	Peak	74	Pass
NVNT	BLE 2Mbps	2402	Ant1	2310	-58.2	2	39.06	Average	54	Pass
NVNT	BLE 2Mbps	2402	Ant1	2354.16	-45.39	2	51.87	Peak	74	Pass
NVNT	BLE 2Mbps	2402	Ant1	2389.968	-58.06	2	39.2	Average	54	Pass
NVNT	BLE 2Mbps	2402	Ant1	2390	-48.75	2	48.51	Peak	74	Pass
NVNT	BLE 2Mbps	2402	Ant1	2390	-58.06	2	39.2	Average	54	Pass
NVNT	BLE 2Mbps	2480	Ant1	2483.5	-46.96	2	50.3	Peak	74	Pass
NVNT	BLE 2Mbps	2480	Ant1	2483.5	-55.31	2	41.95	Average	54	Pass
NVNT	BLE 2Mbps	2480	Ant1	2485.576	-44.29	2	52.97	Peak	74	Pass
NVNT	BLE	2480	Ant1	2483.512	-55.31	2	41.95	Average	54	Pass

	2Mbps									
NVNT	BLE 2Mbps	2480	Ant1	2500	-48.5	2	48.76	Peak	74	Pass
NVNT	BLE 2Mbps	2480	Ant1	2500	-57.89	2	39.37	Average	54	Pass



Restrict Band NVNT BLE 1Mbps 2480MHz Ant1 Peak



Restrict Band NVNT BLE 1Mbps 2480MHz Ant1 Average

