



Appendix B

RF Test Data for BT LE(Conducted Measurement)

Product Name: Tablet

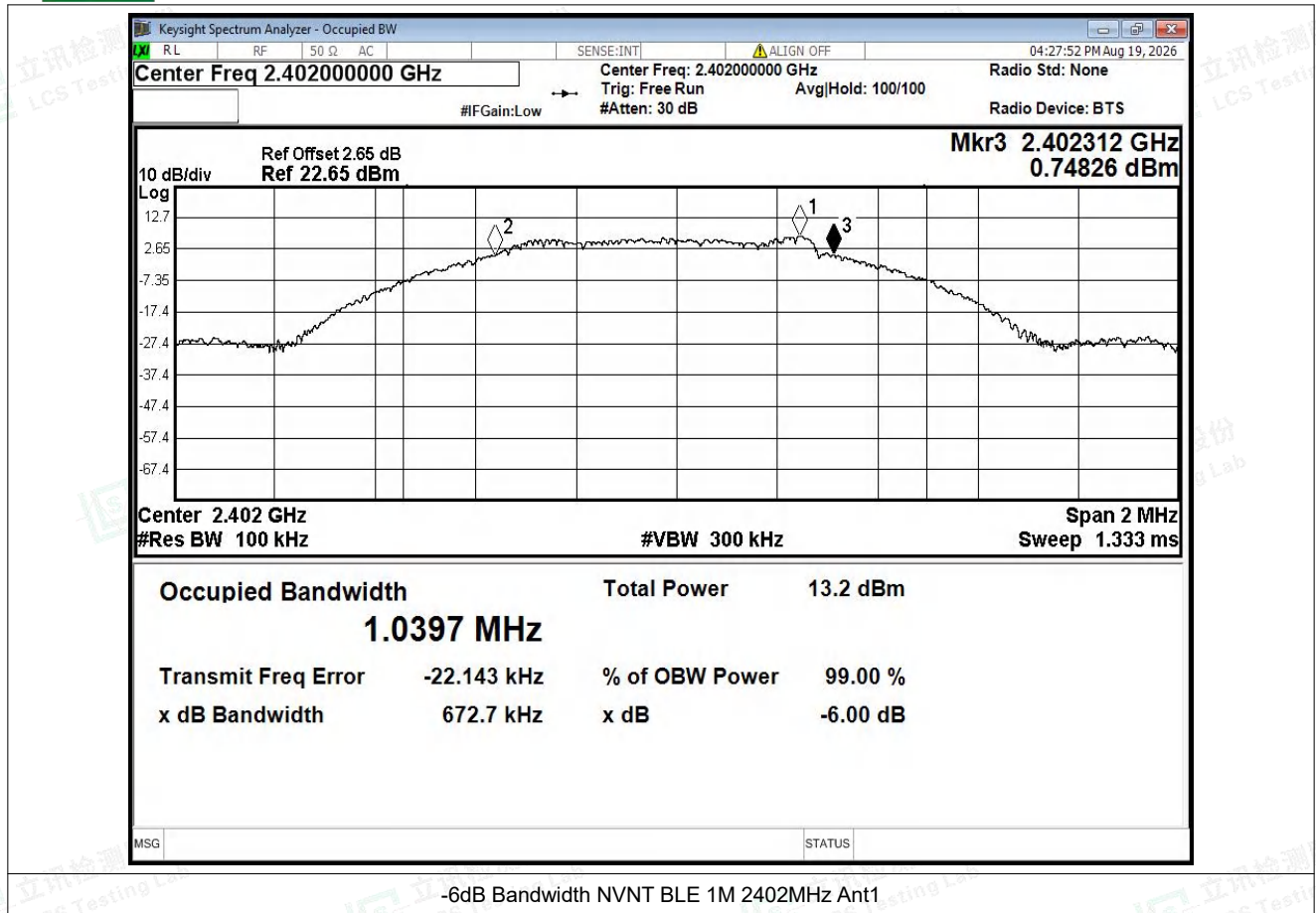
Test Model: 8WC1

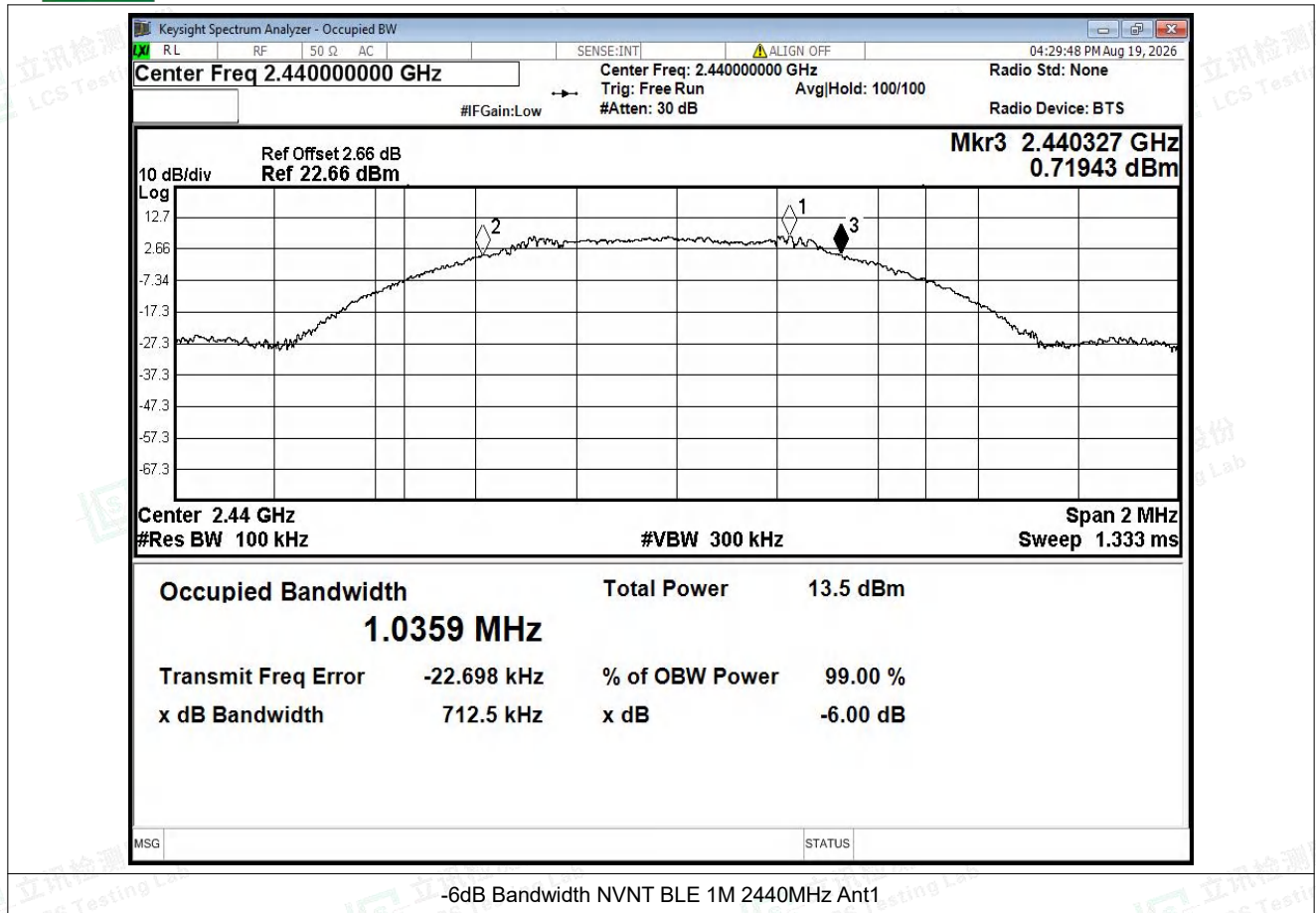
Environmental Conditions	
Temperature:	24.5° C
Relative Humidity:	53.0%
ATM Pressure:	100.0 kPa
Test Engineer:	Faith Li
Supervised by:	Can Kun

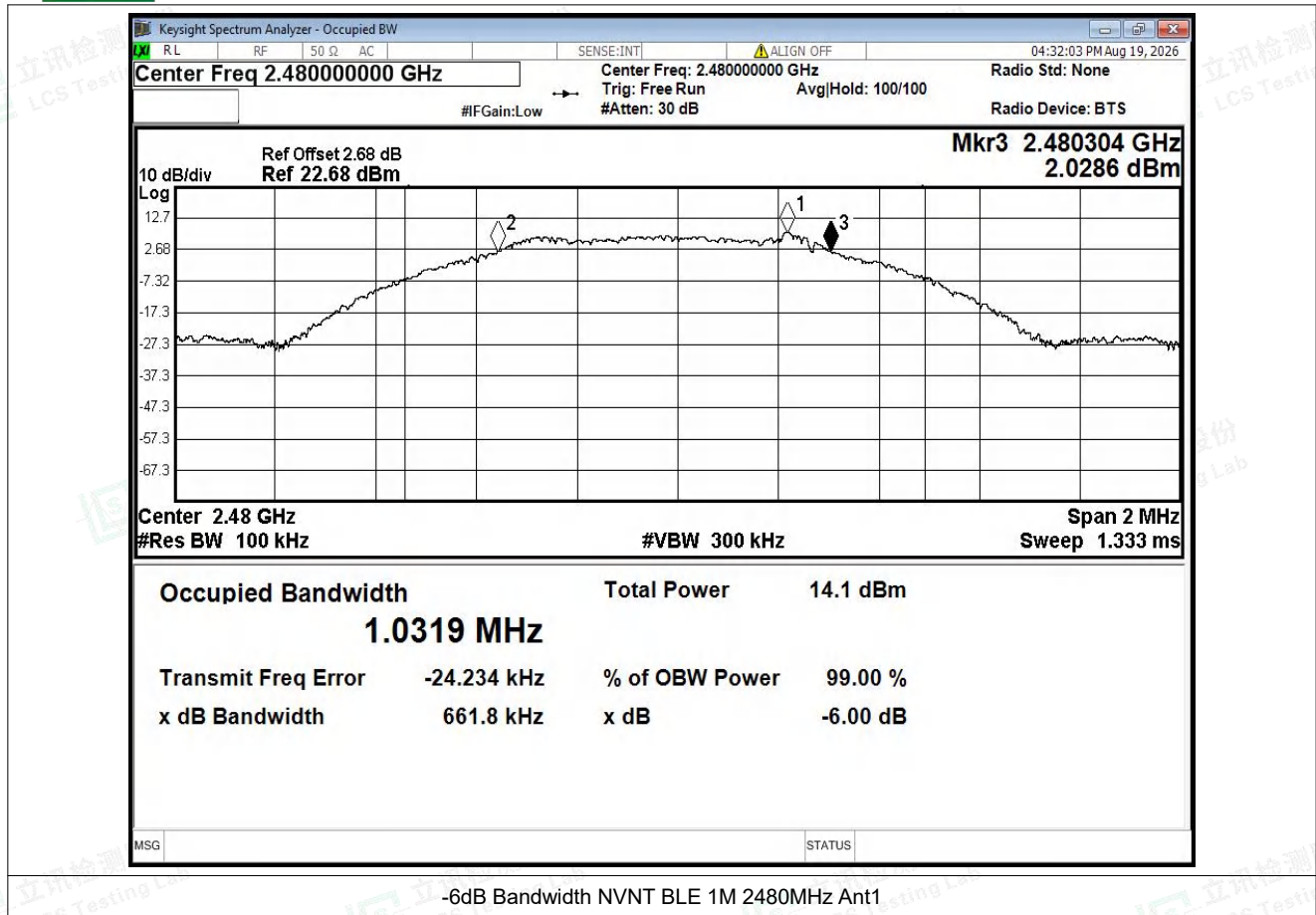


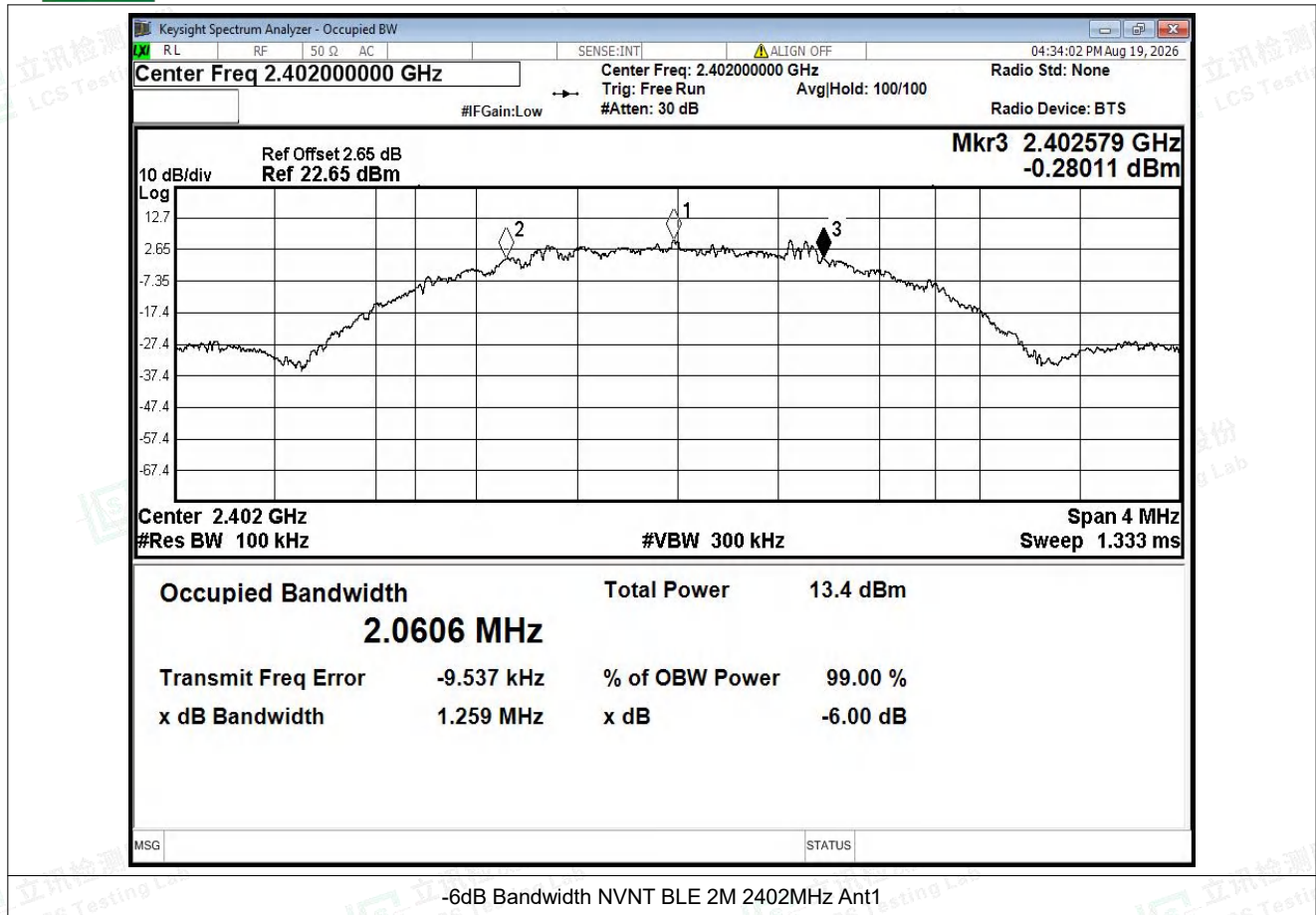
B.1 -6dB Bandwidth

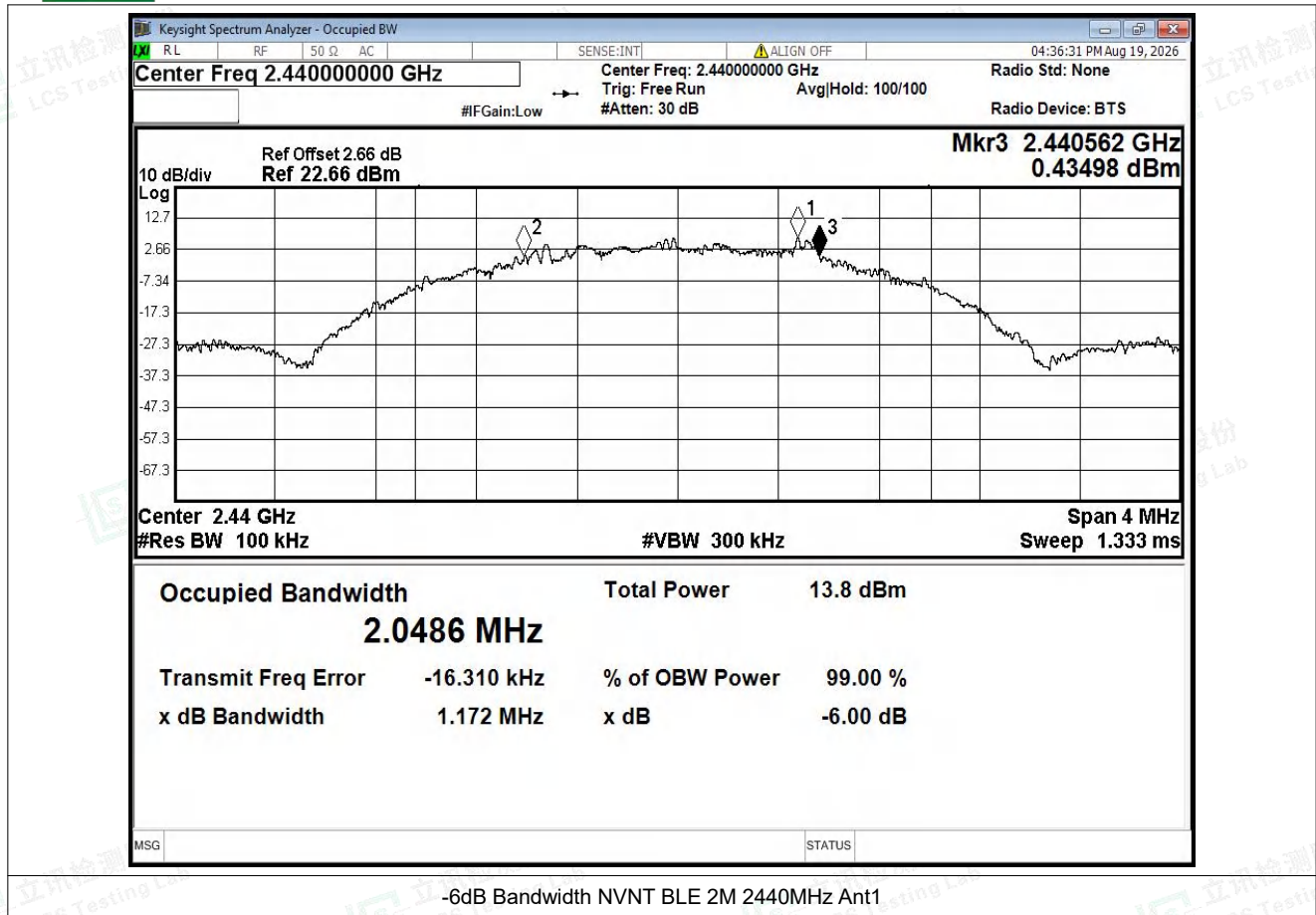
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.6727	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.7125	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.6618	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.259	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.172	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.346	0.5	Pass

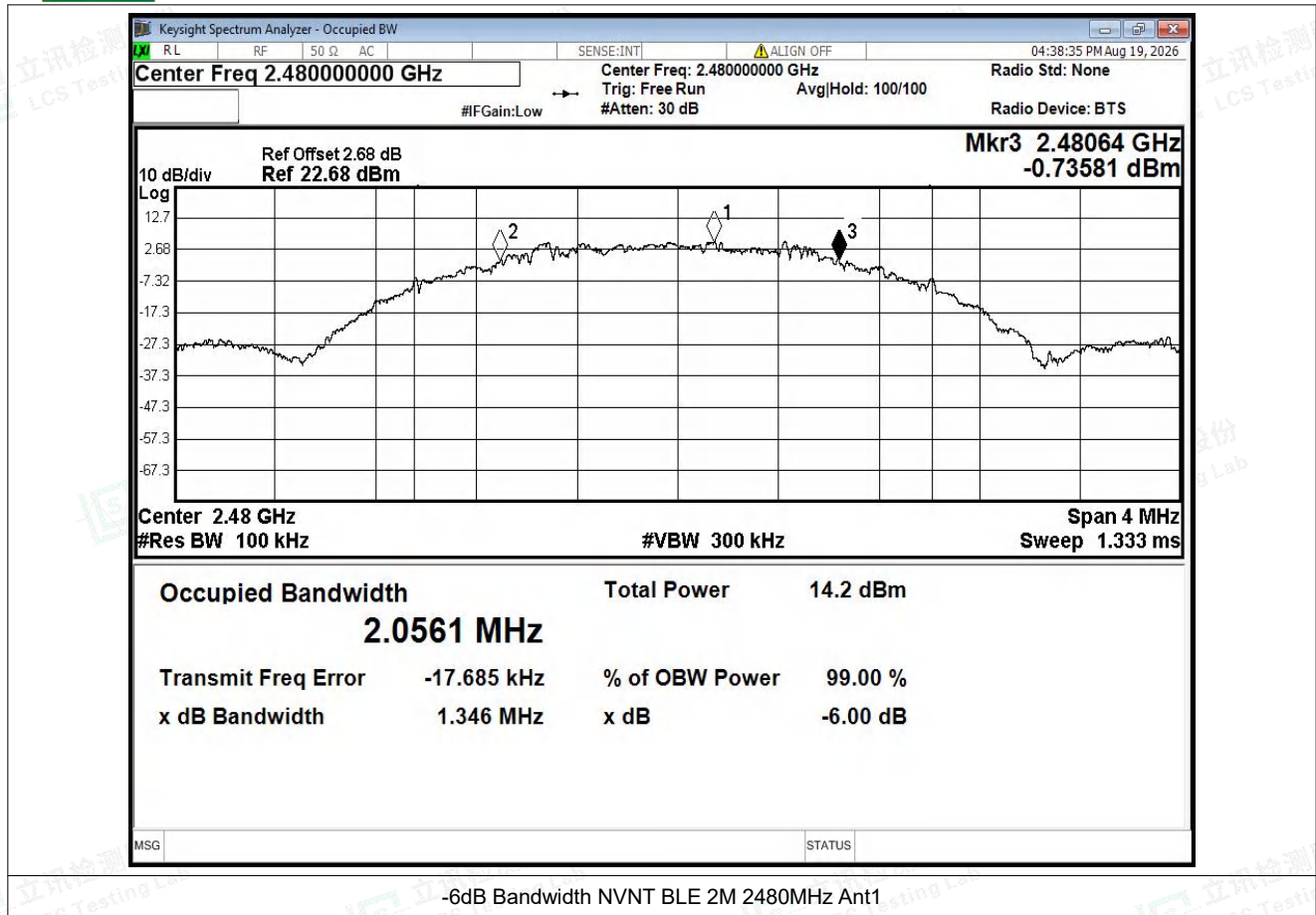








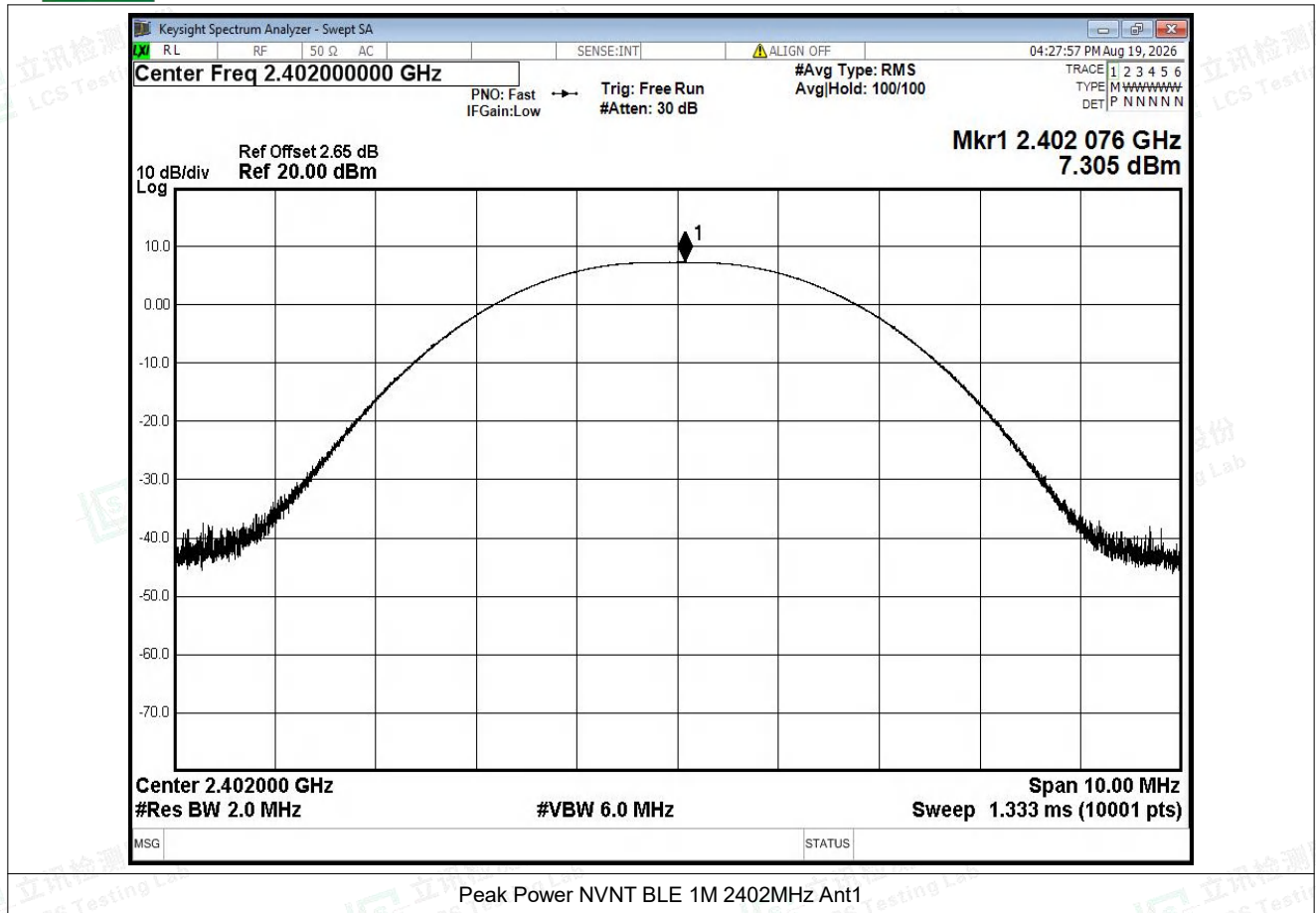


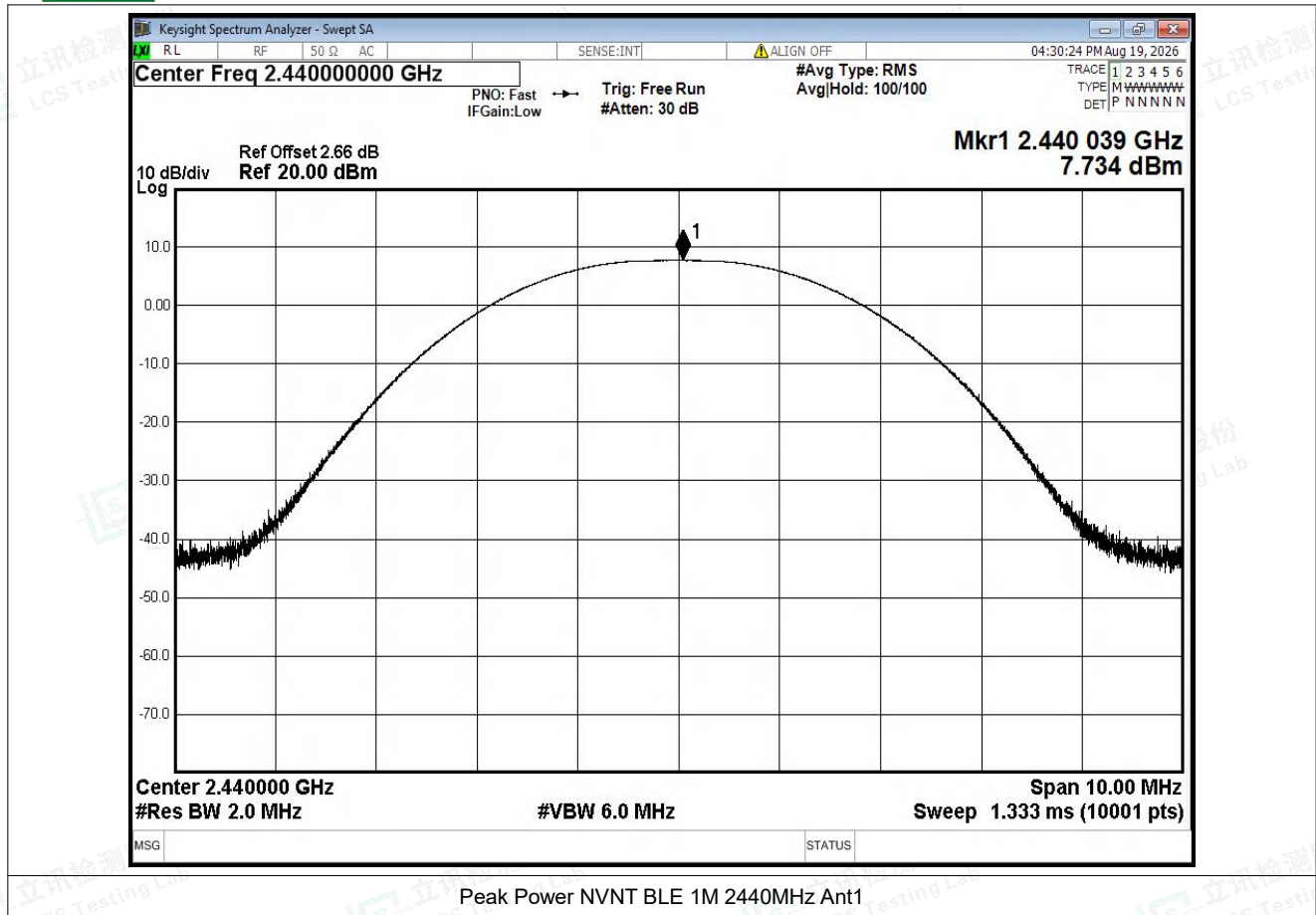


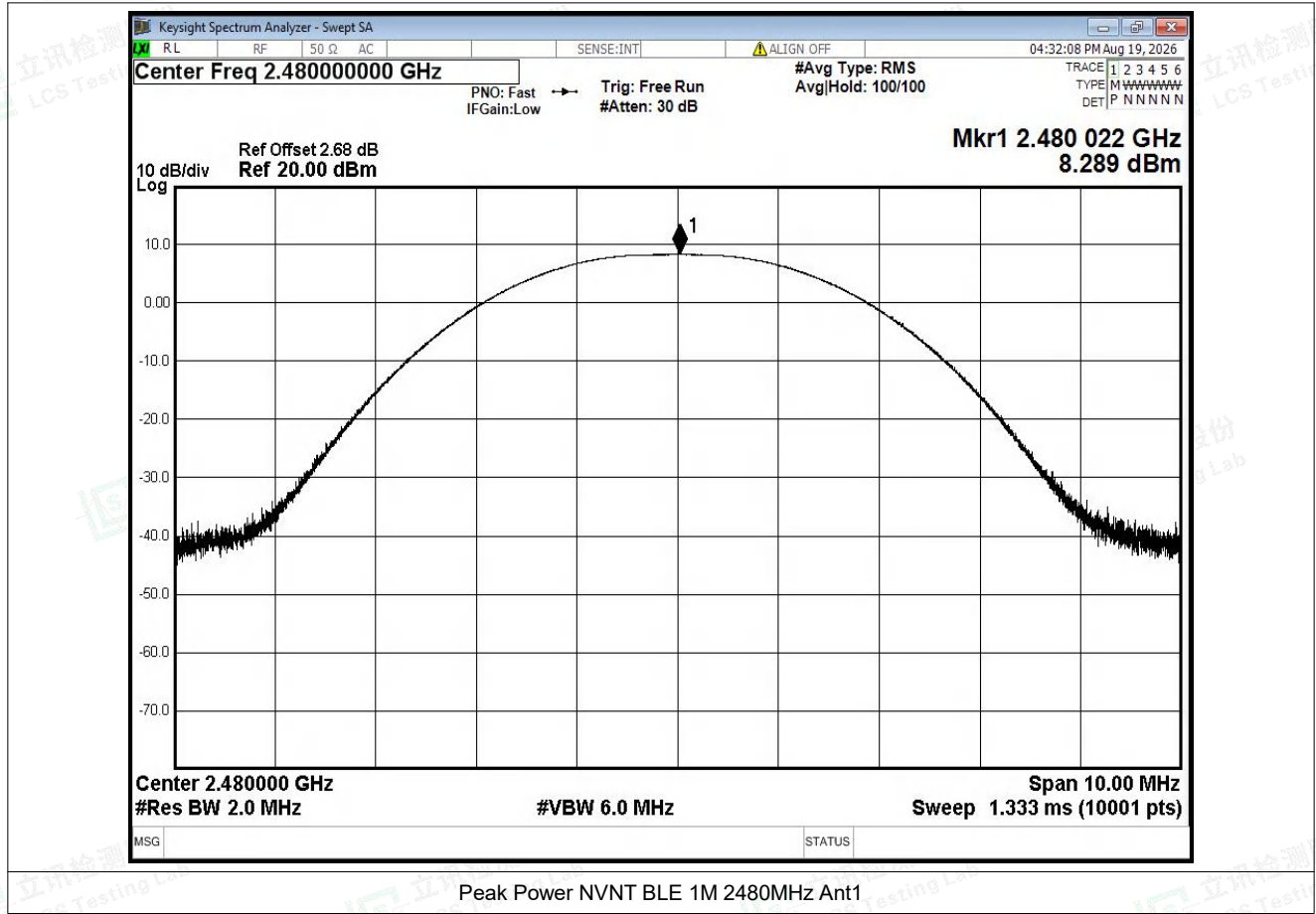


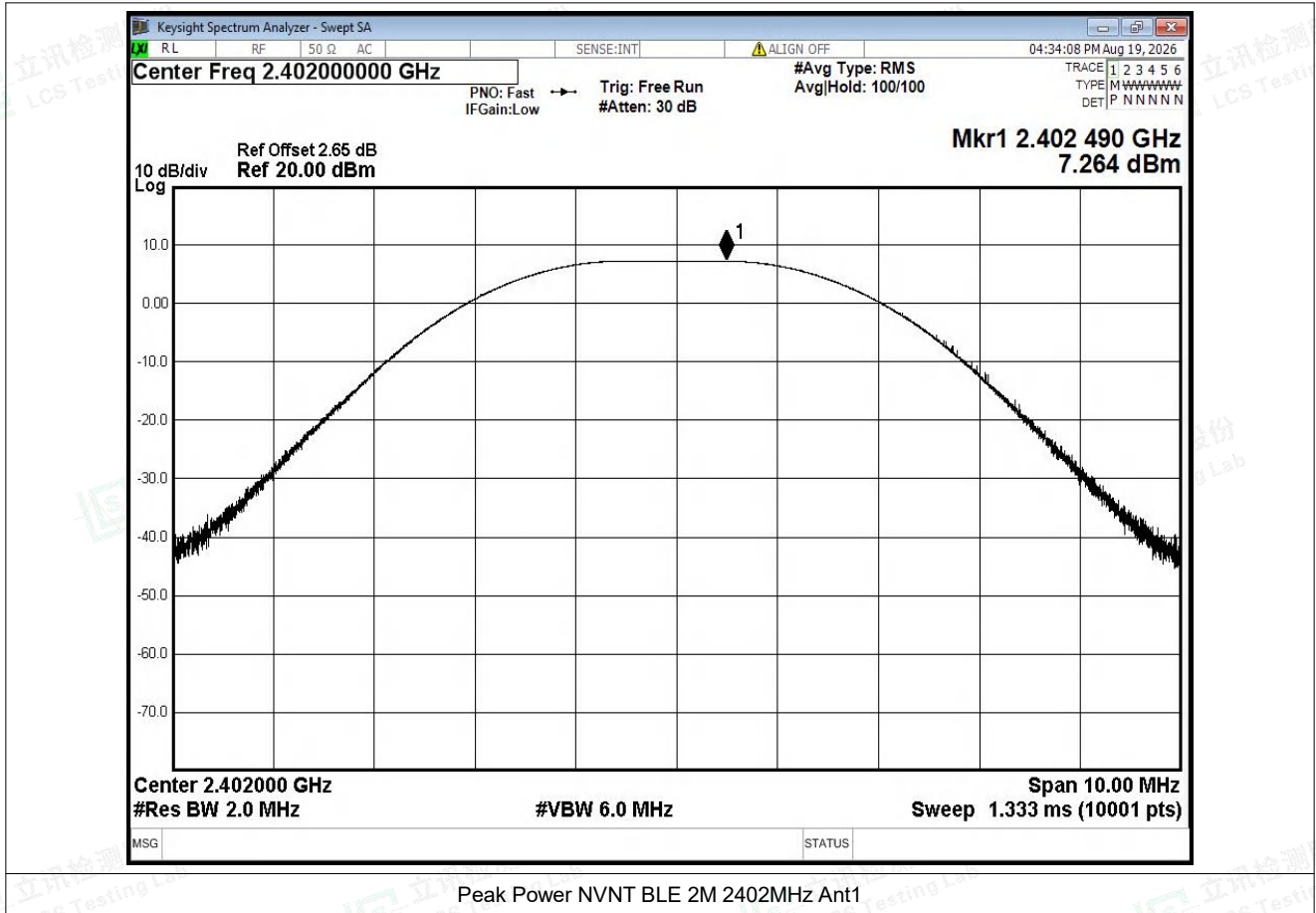
B.2 Maximum Peak Conducted Output Power

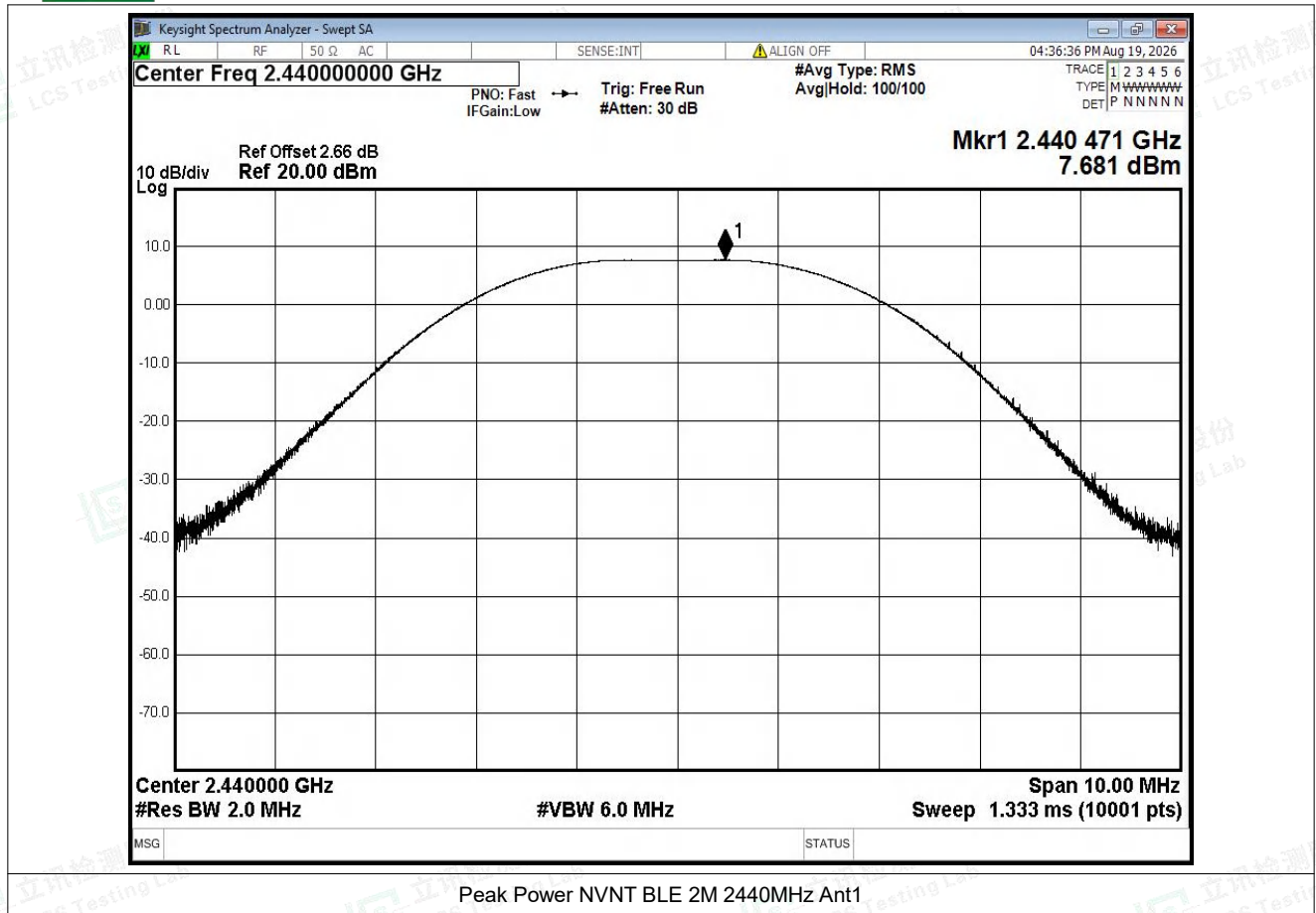
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit Conducted(dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	7.31	30	Pass
NVNT	BLE 1M	2440	Ant1	7.73	30	Pass
NVNT	BLE 1M	2480	Ant1	8.29	30	Pass
NVNT	BLE 2M	2402	Ant1	7.26	30	Pass
NVNT	BLE 2M	2440	Ant1	7.68	30	Pass
NVNT	BLE 2M	2480	Ant1	8.23	30	Pass

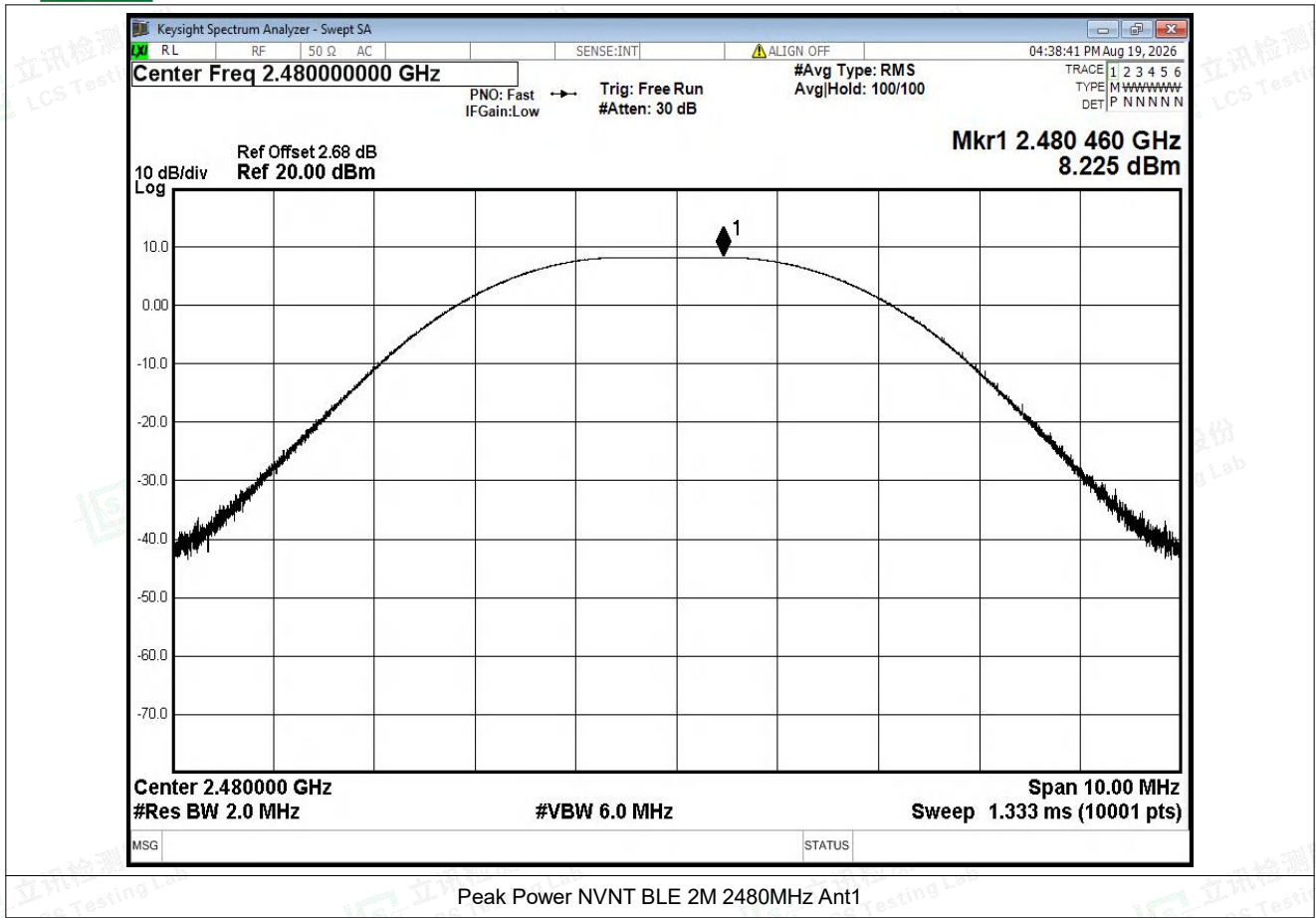








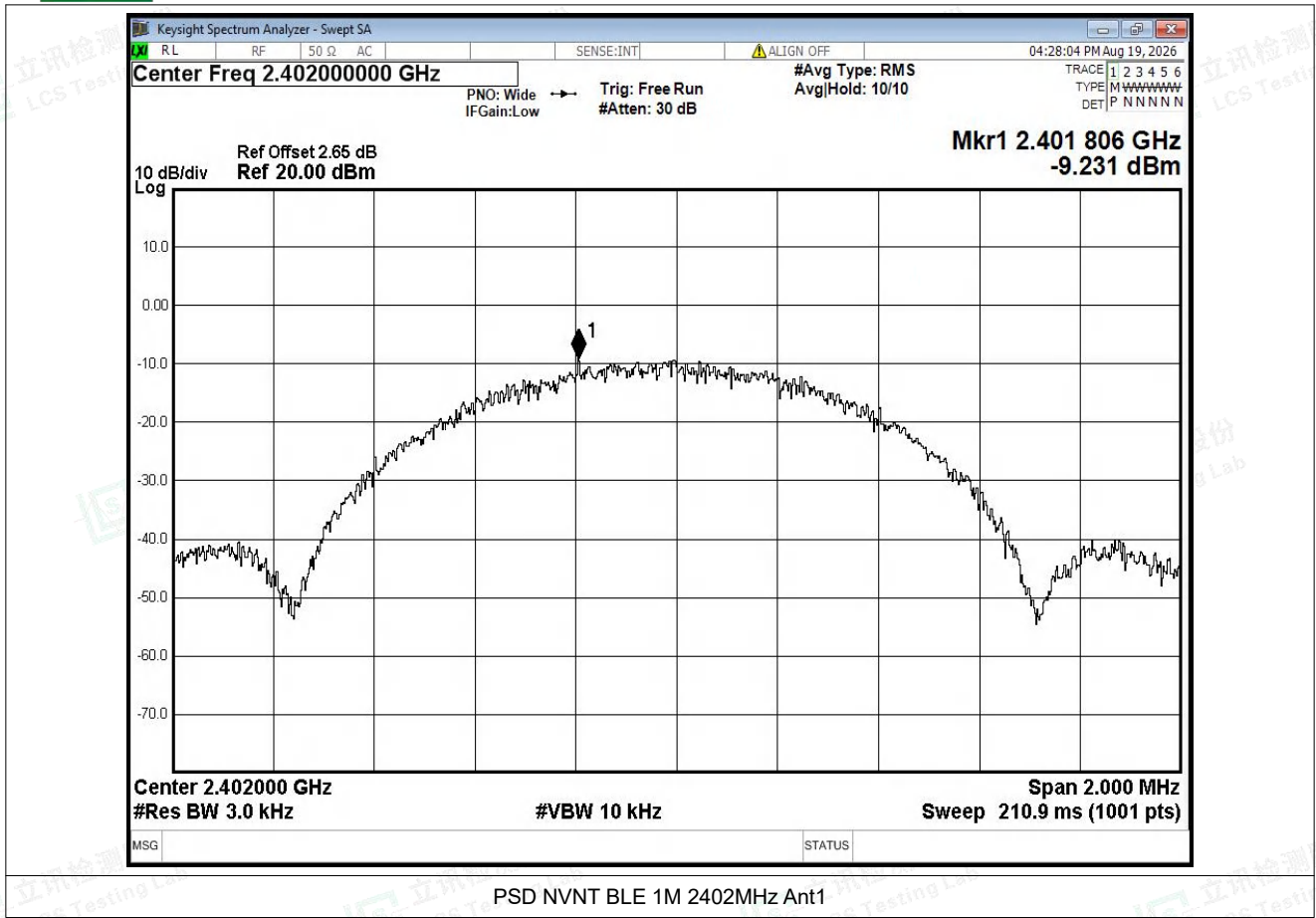


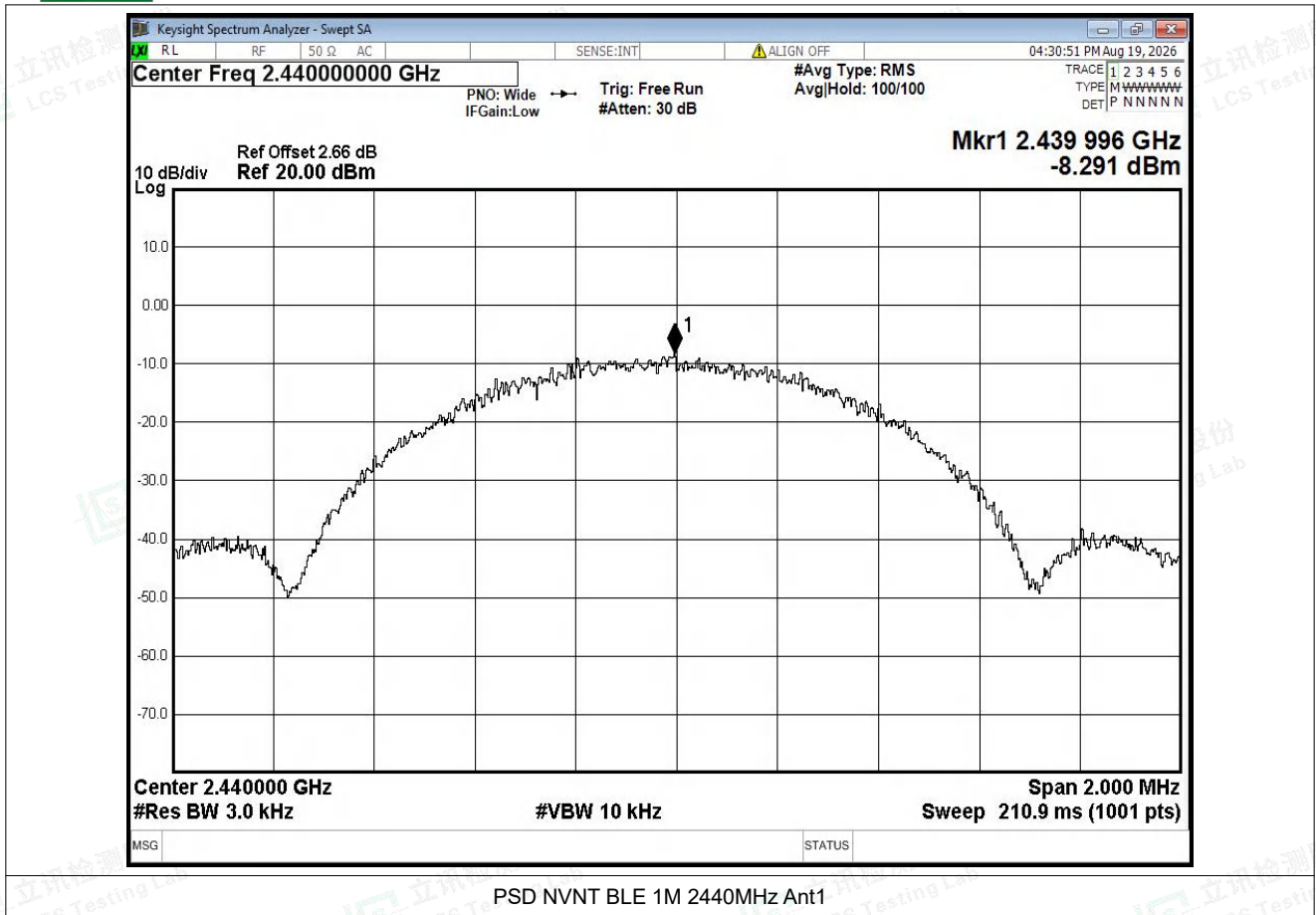


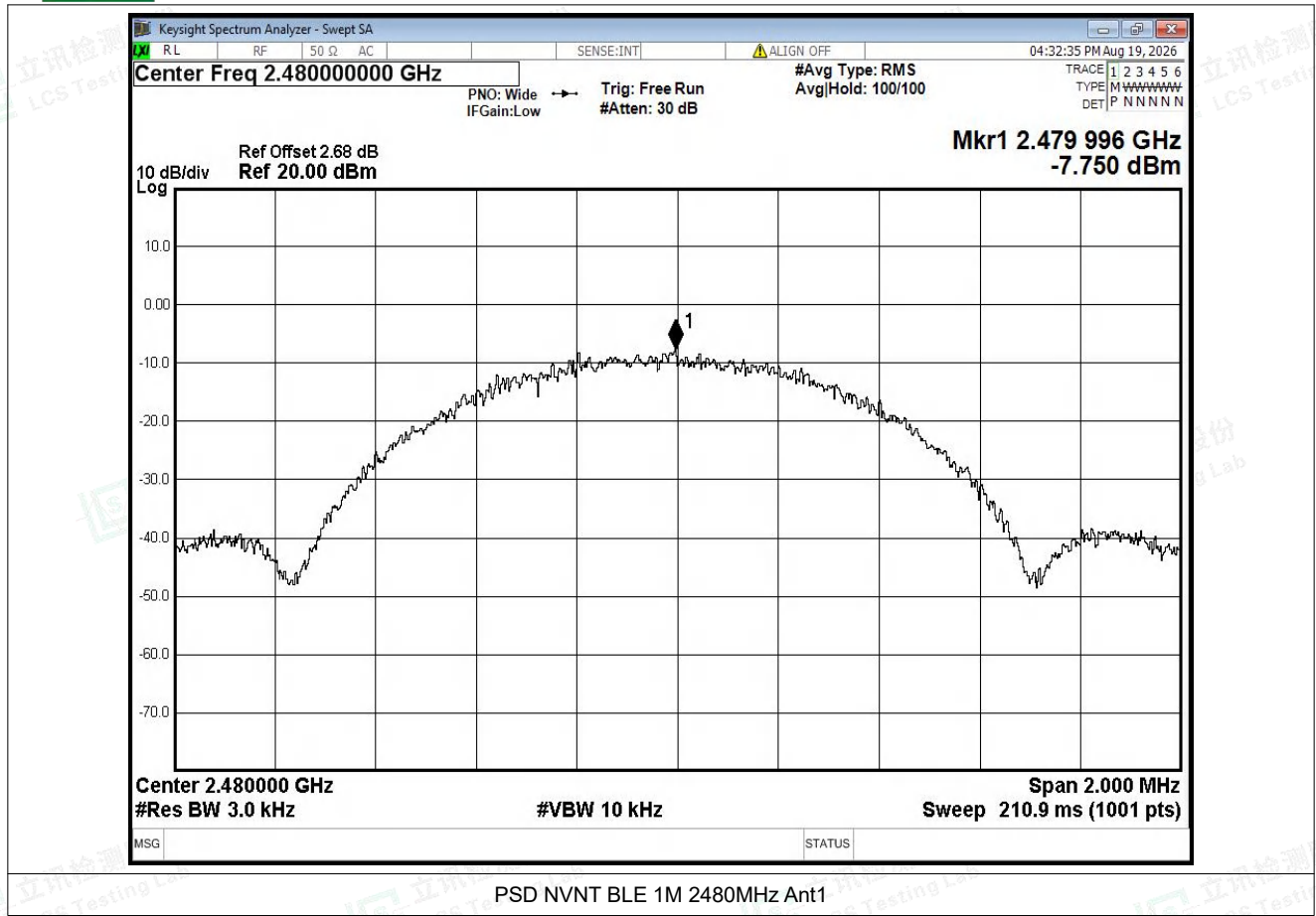


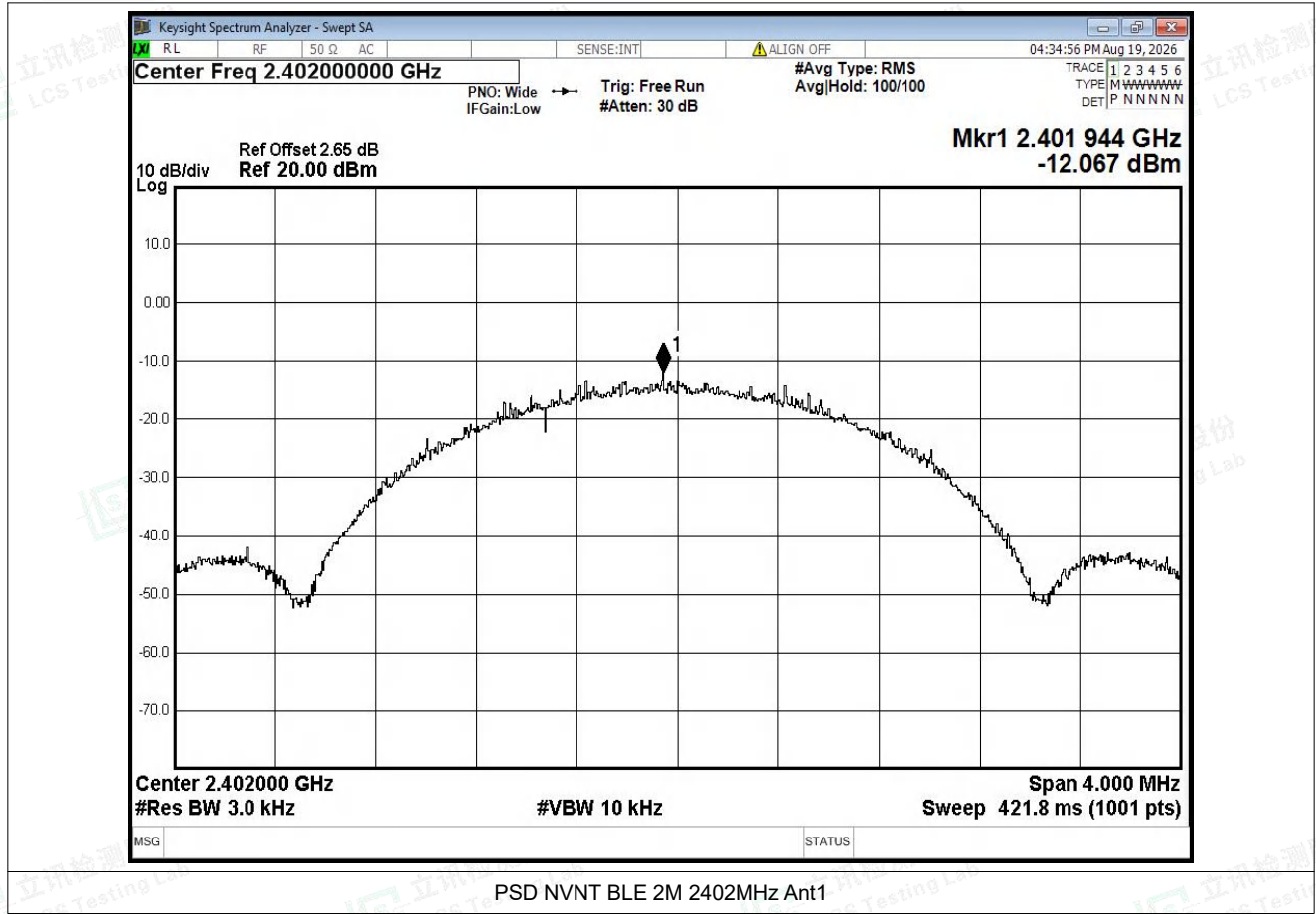
B.3 Maximum Power Spectral Density Level

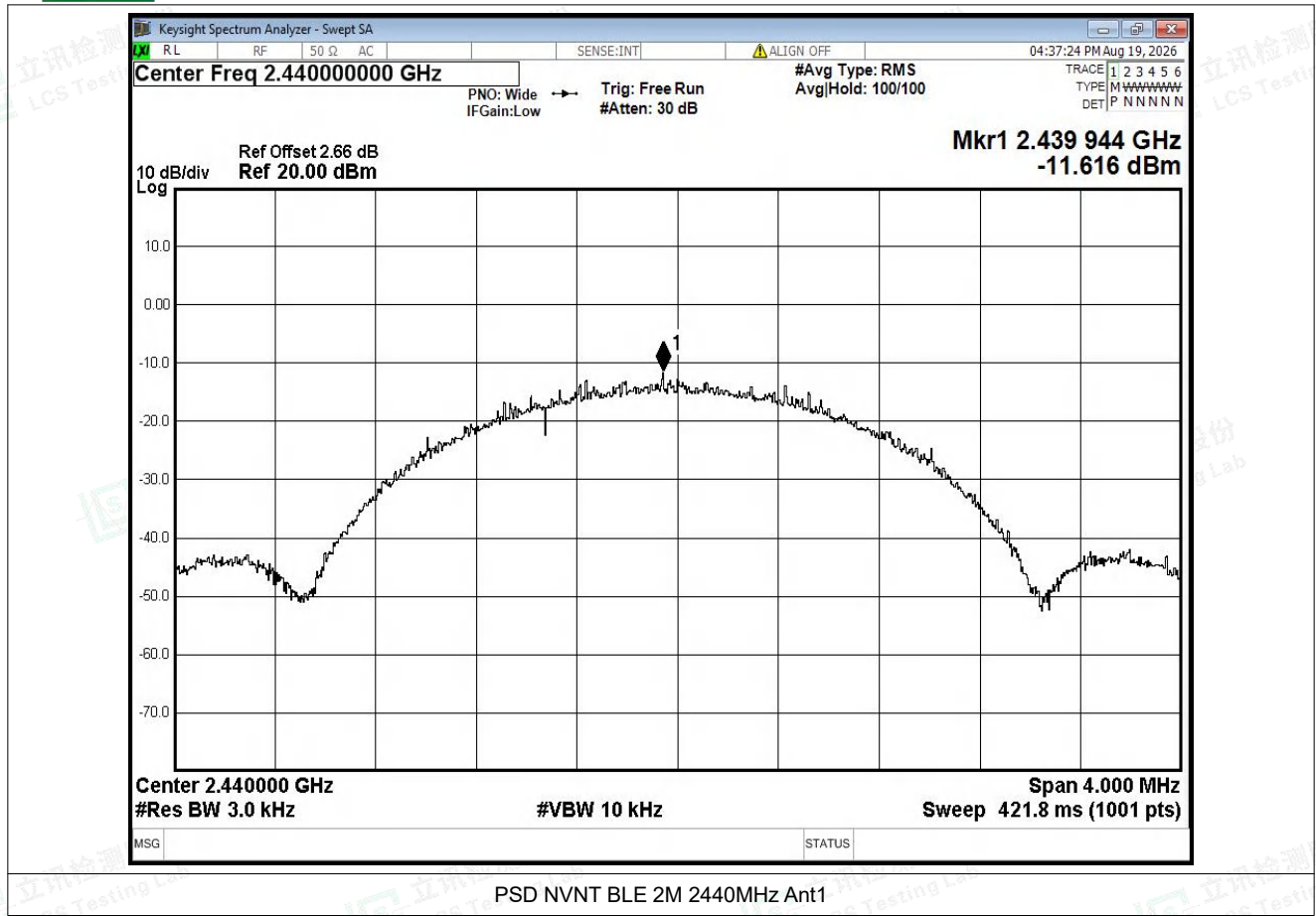
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	-9.23	8	Pass
NVNT	BLE 1M	2440	Ant1	-8.29	8	Pass
NVNT	BLE 1M	2480	Ant1	-7.75	8	Pass
NVNT	BLE 2M	2402	Ant1	-12.07	8	Pass
NVNT	BLE 2M	2440	Ant1	-11.62	8	Pass
NVNT	BLE 2M	2480	Ant1	-11.06	8	Pass

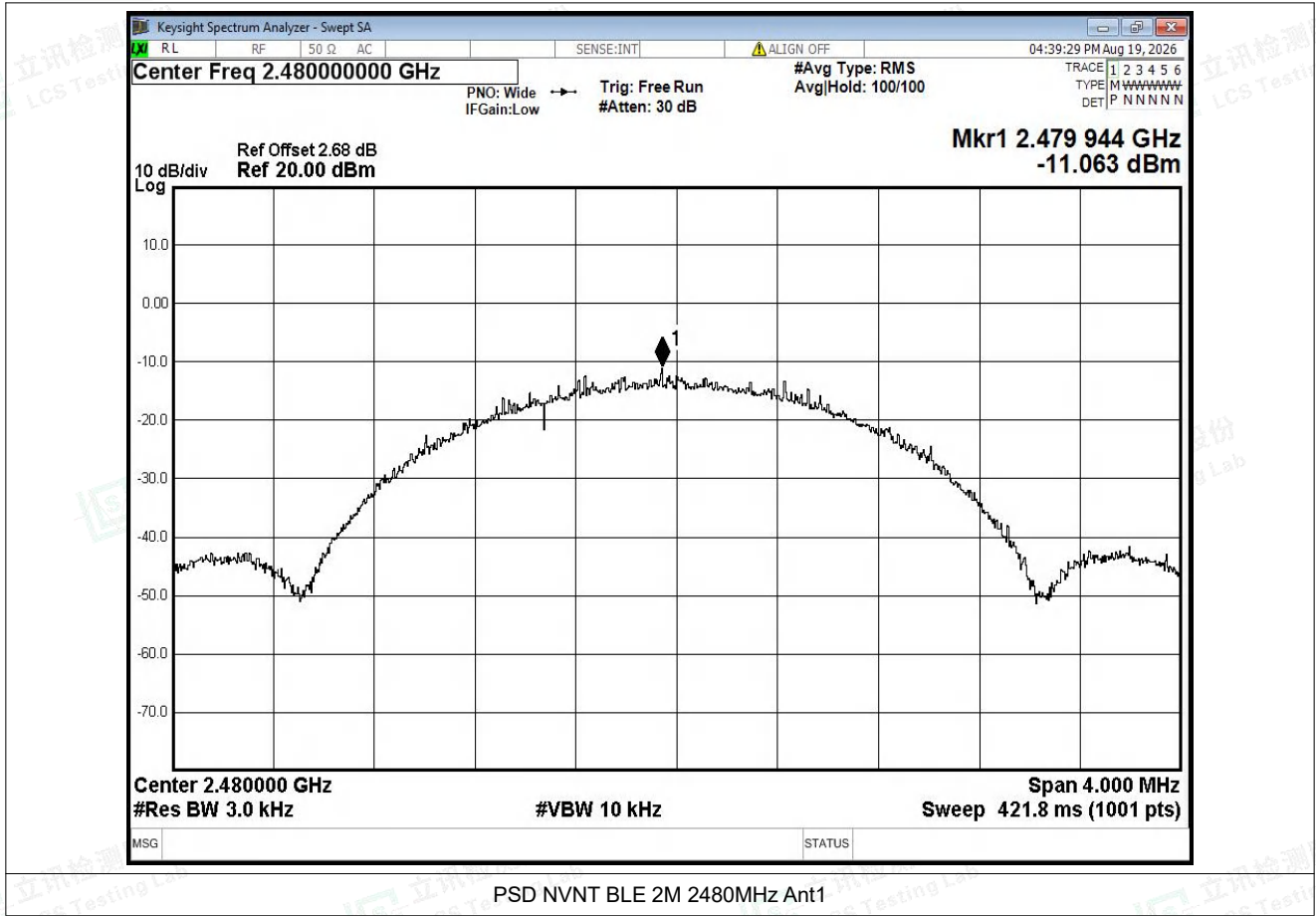








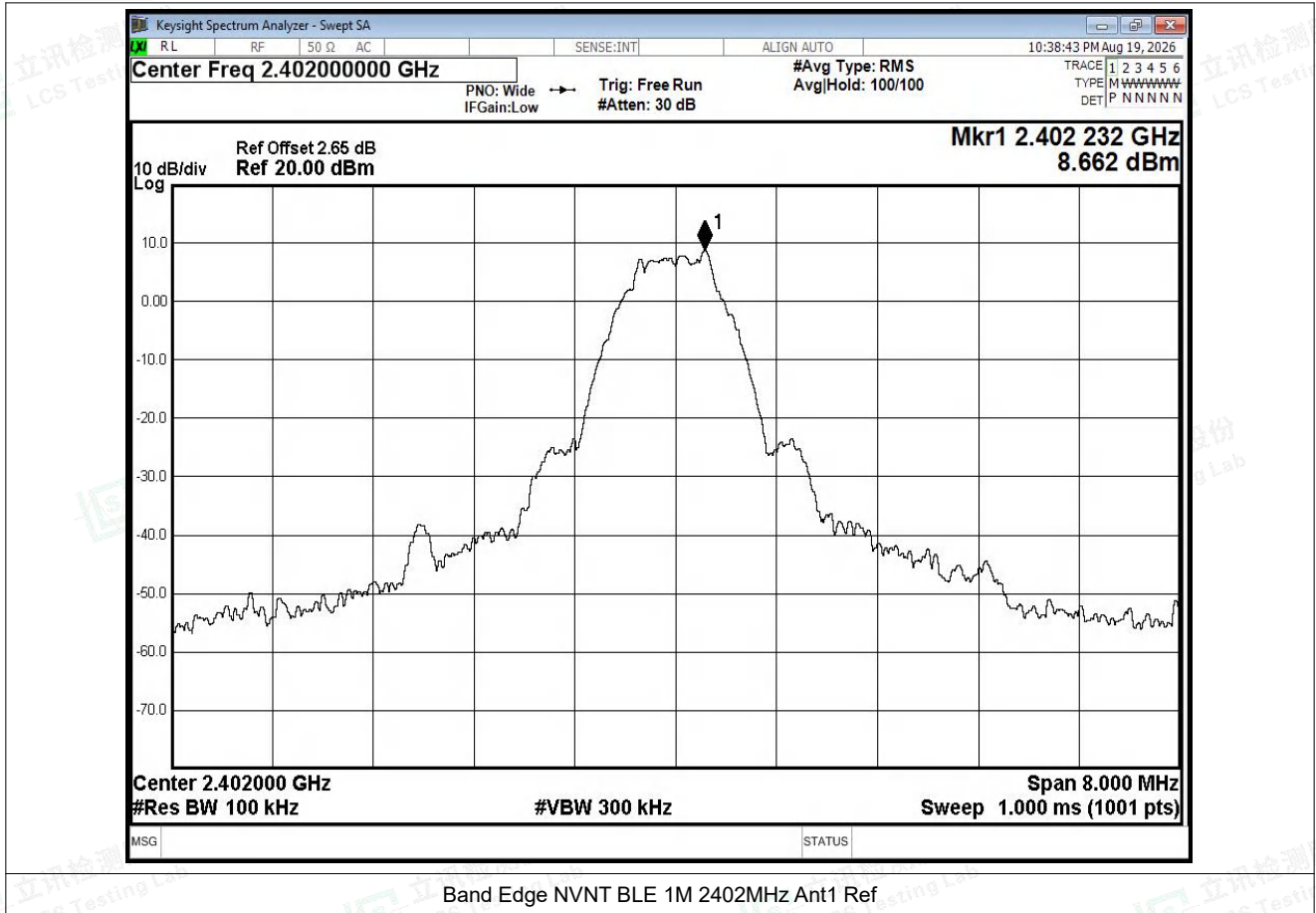


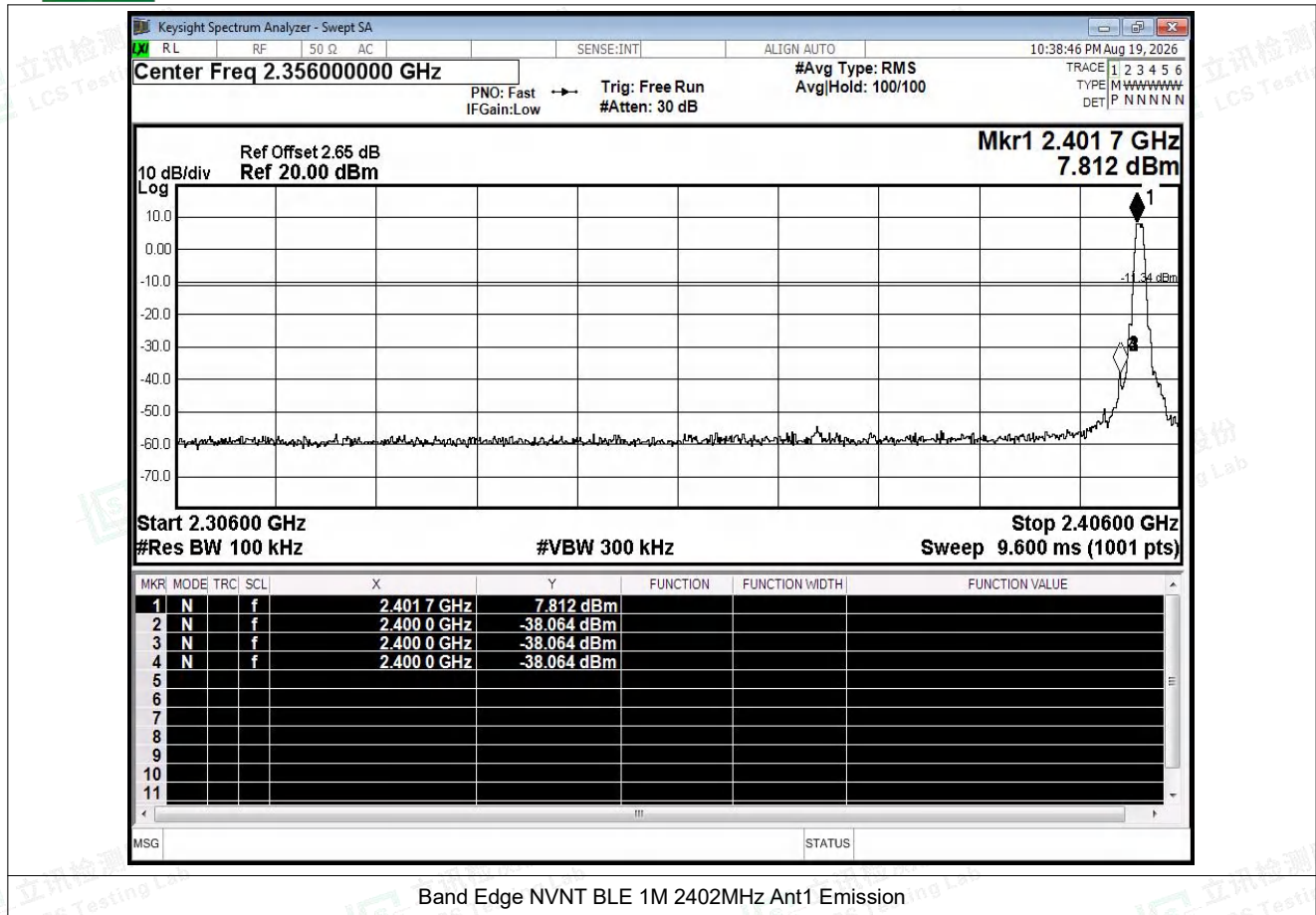


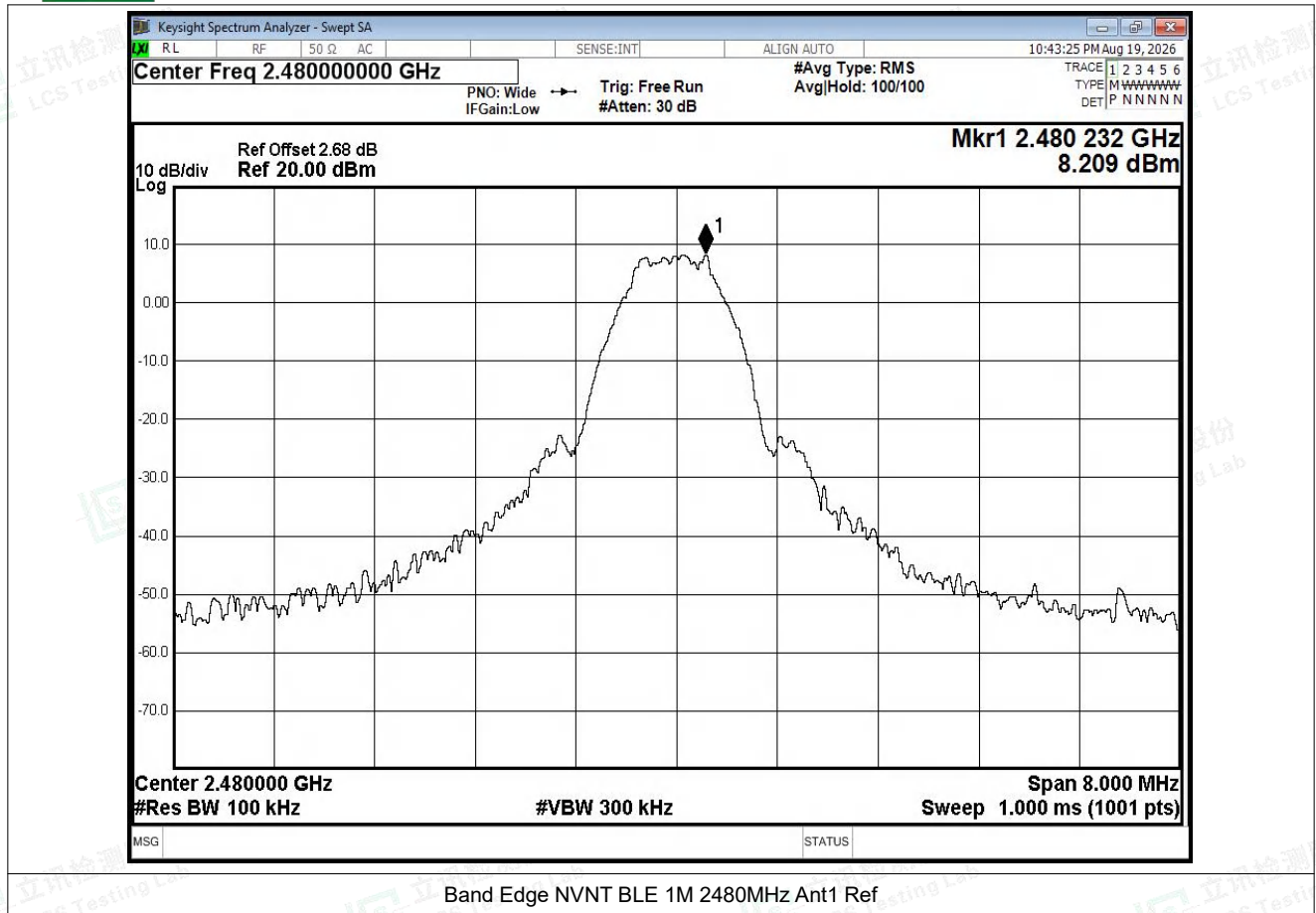


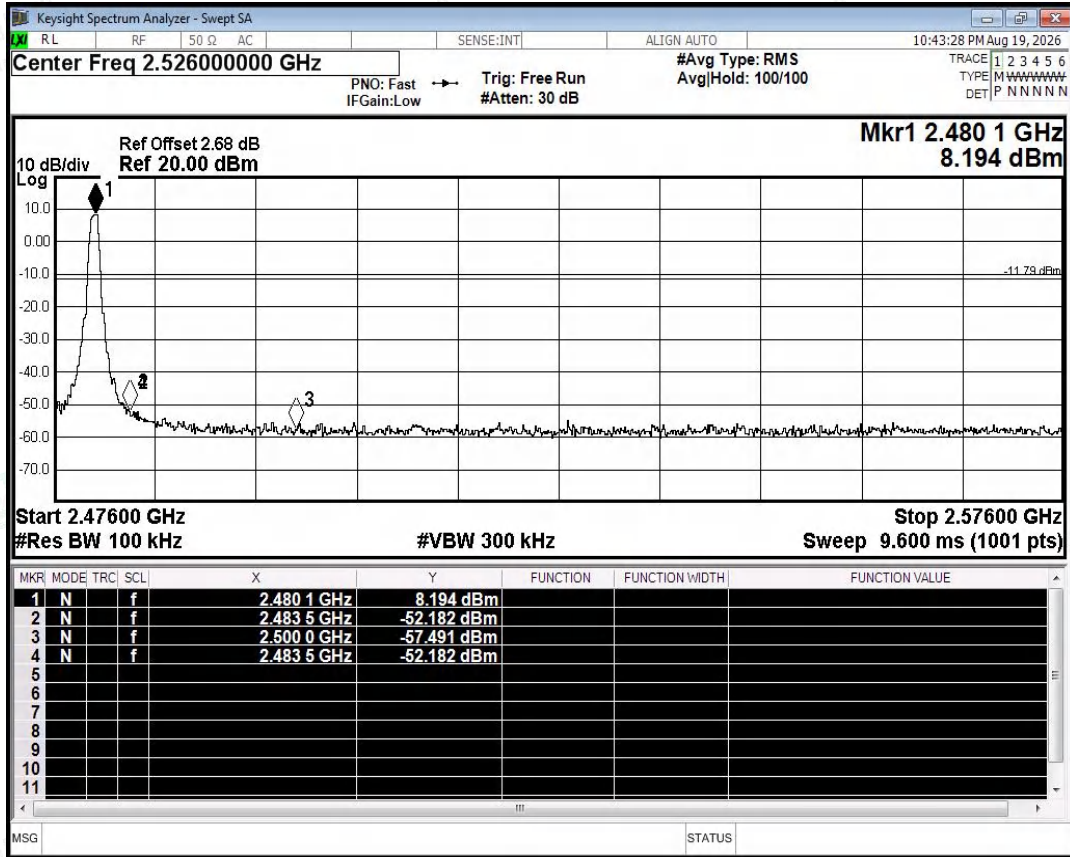
B.4 Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-46.72	-20	Pass
NVNT	BLE 1M	2480	Ant1	-60.39	-20	Pass
NVNT	BLE 2M	2402	Ant1	-33.04	-20	Pass
NVNT	BLE 2M	2480	Ant1	-56.55	-20	Pass

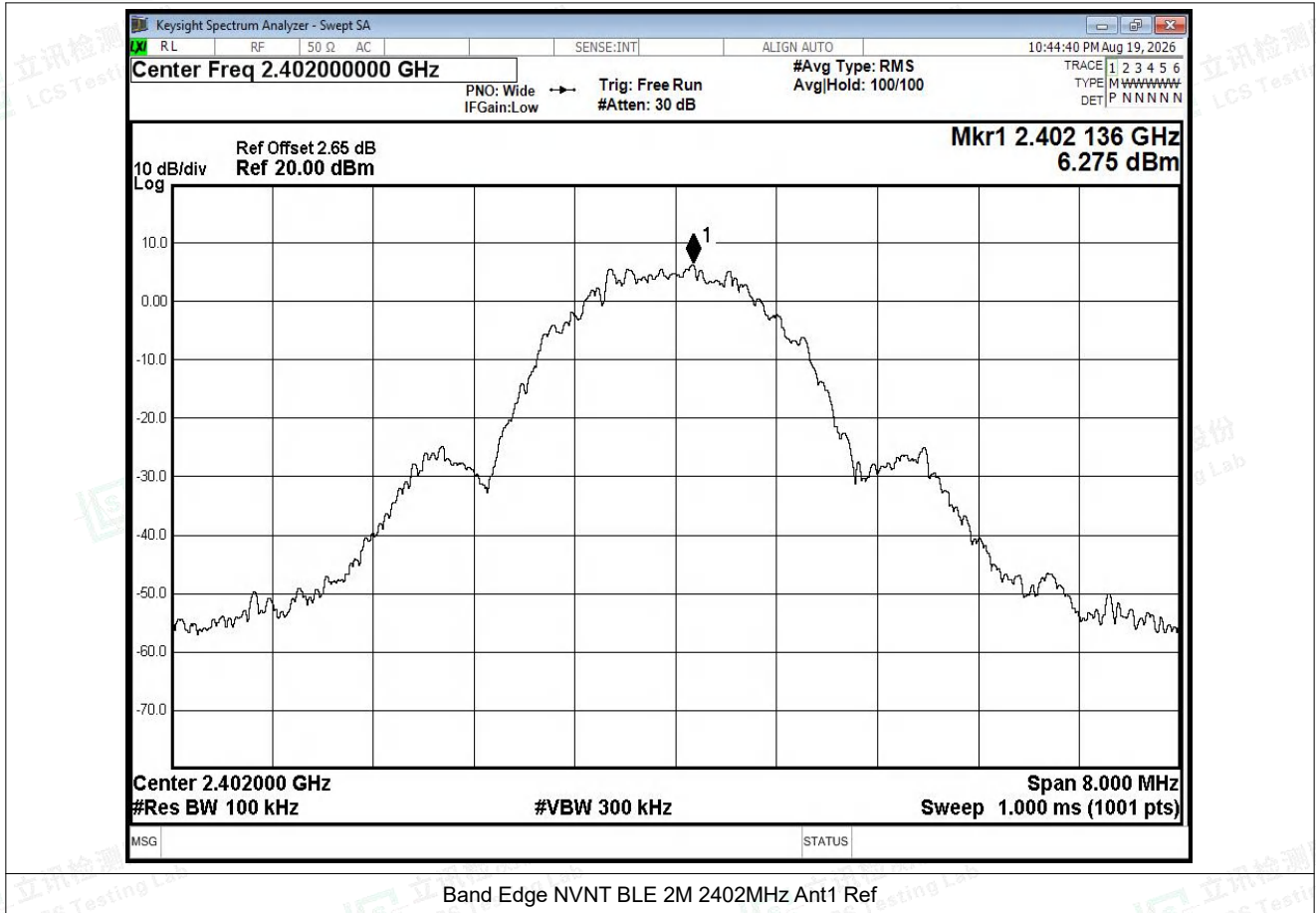


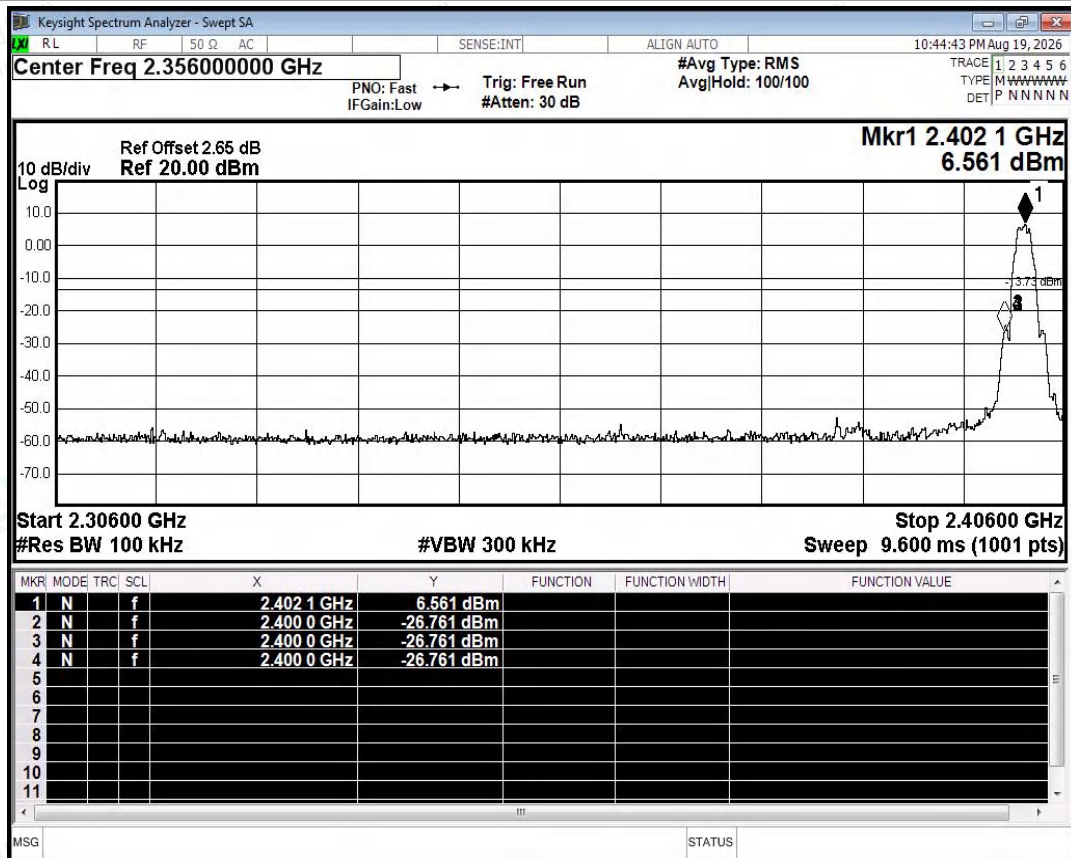




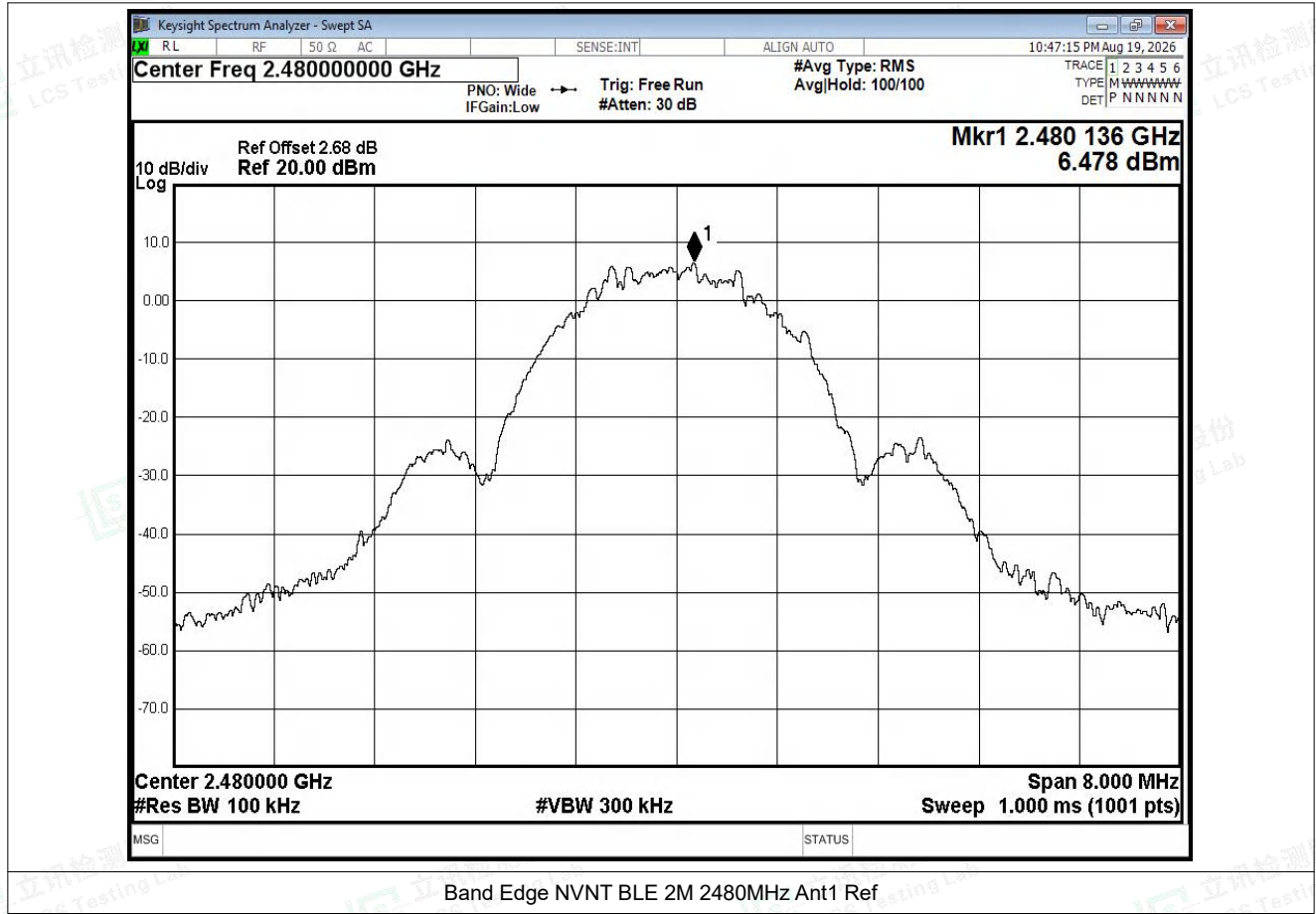


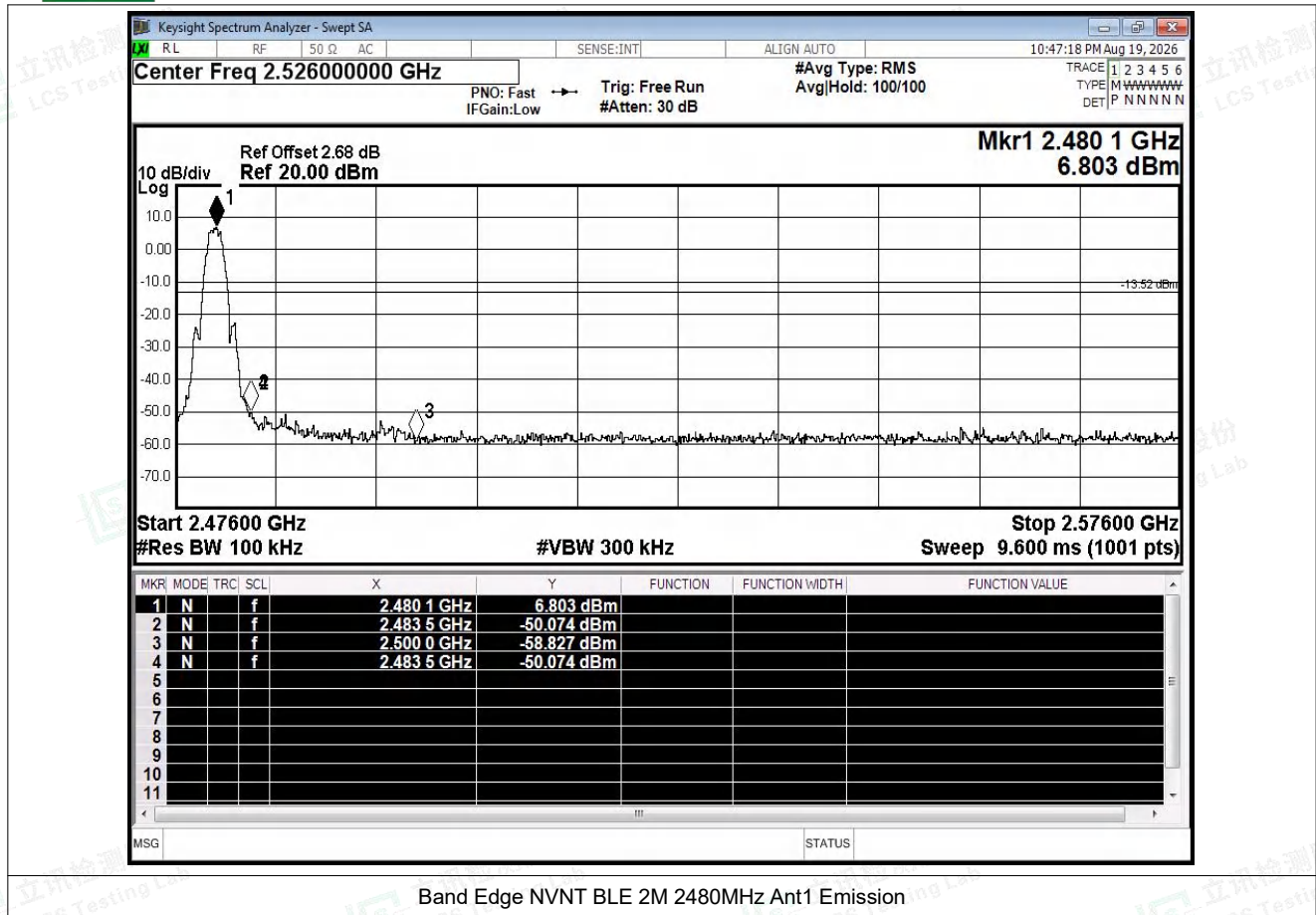
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission





Band Edge NVNT BLE 2M 2402MHz Ant1 Emission

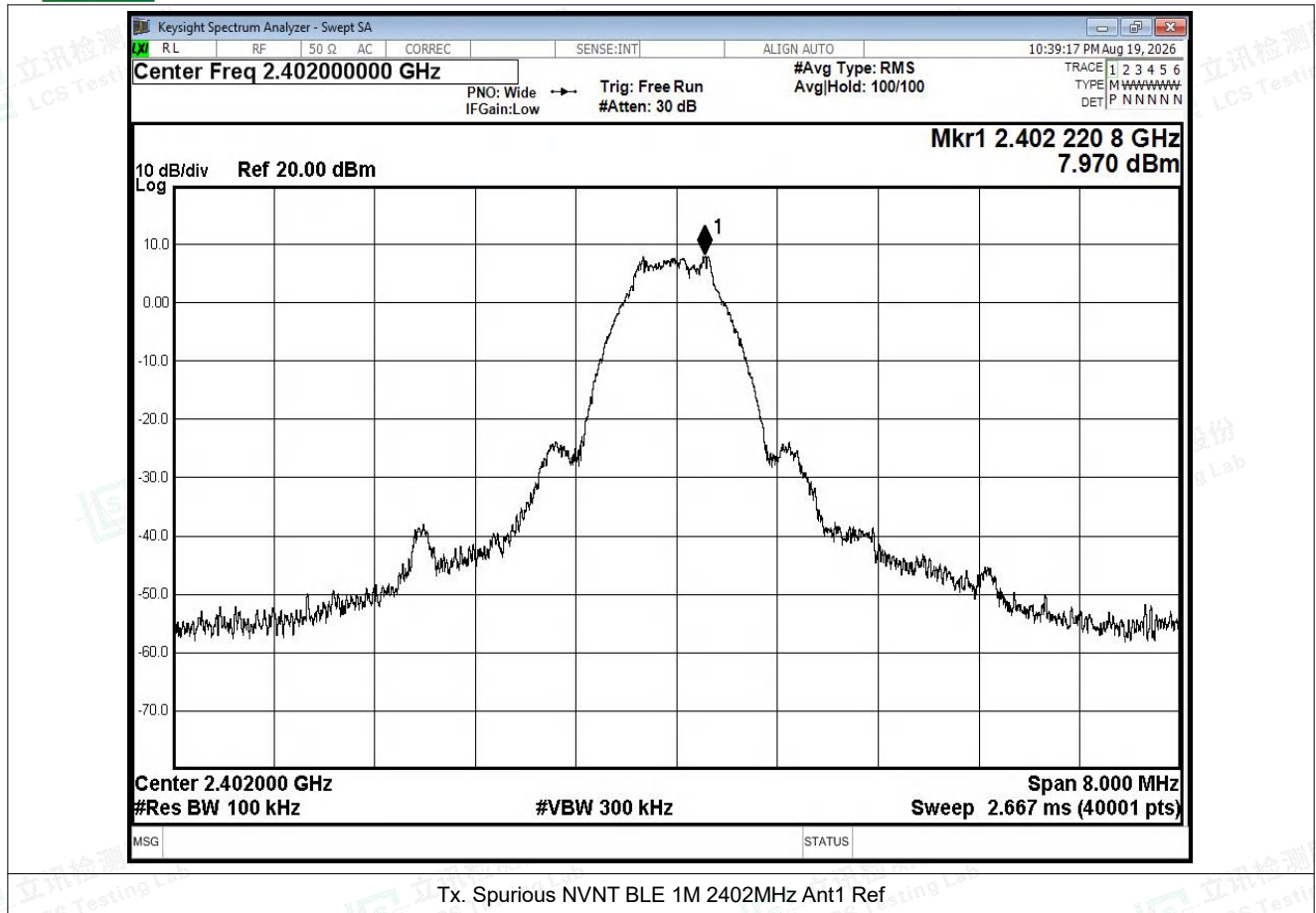


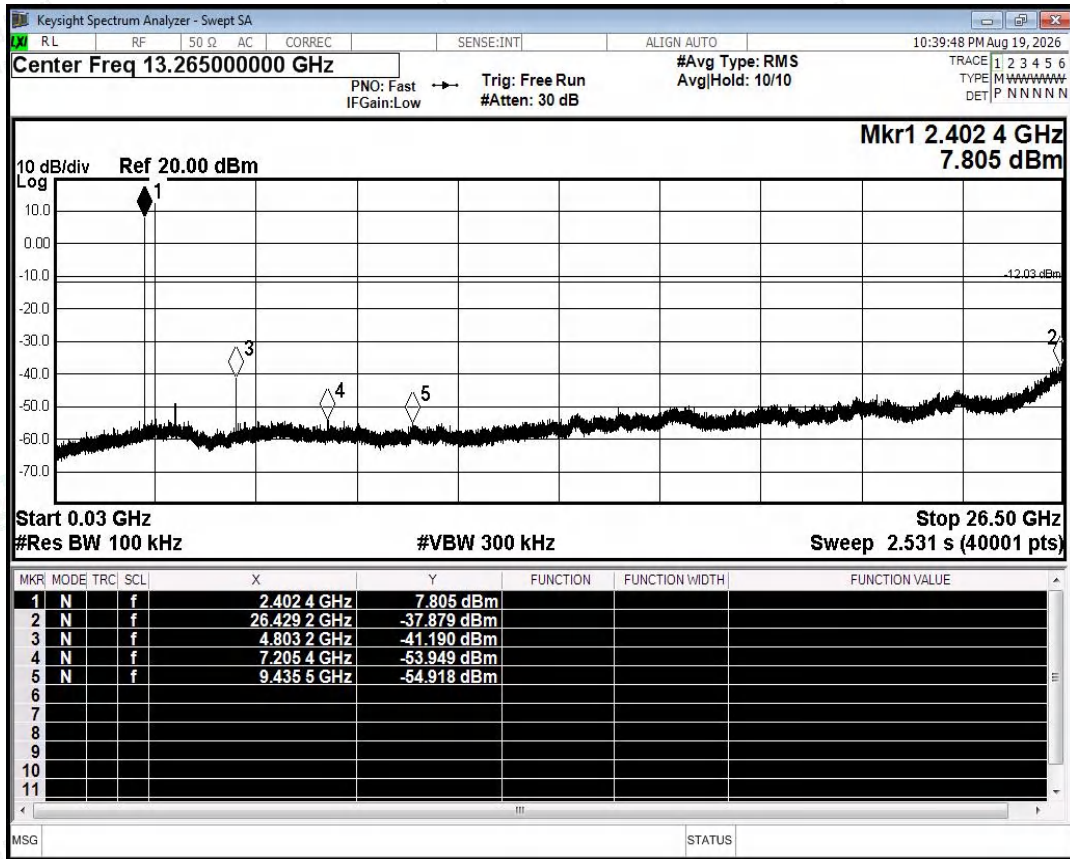




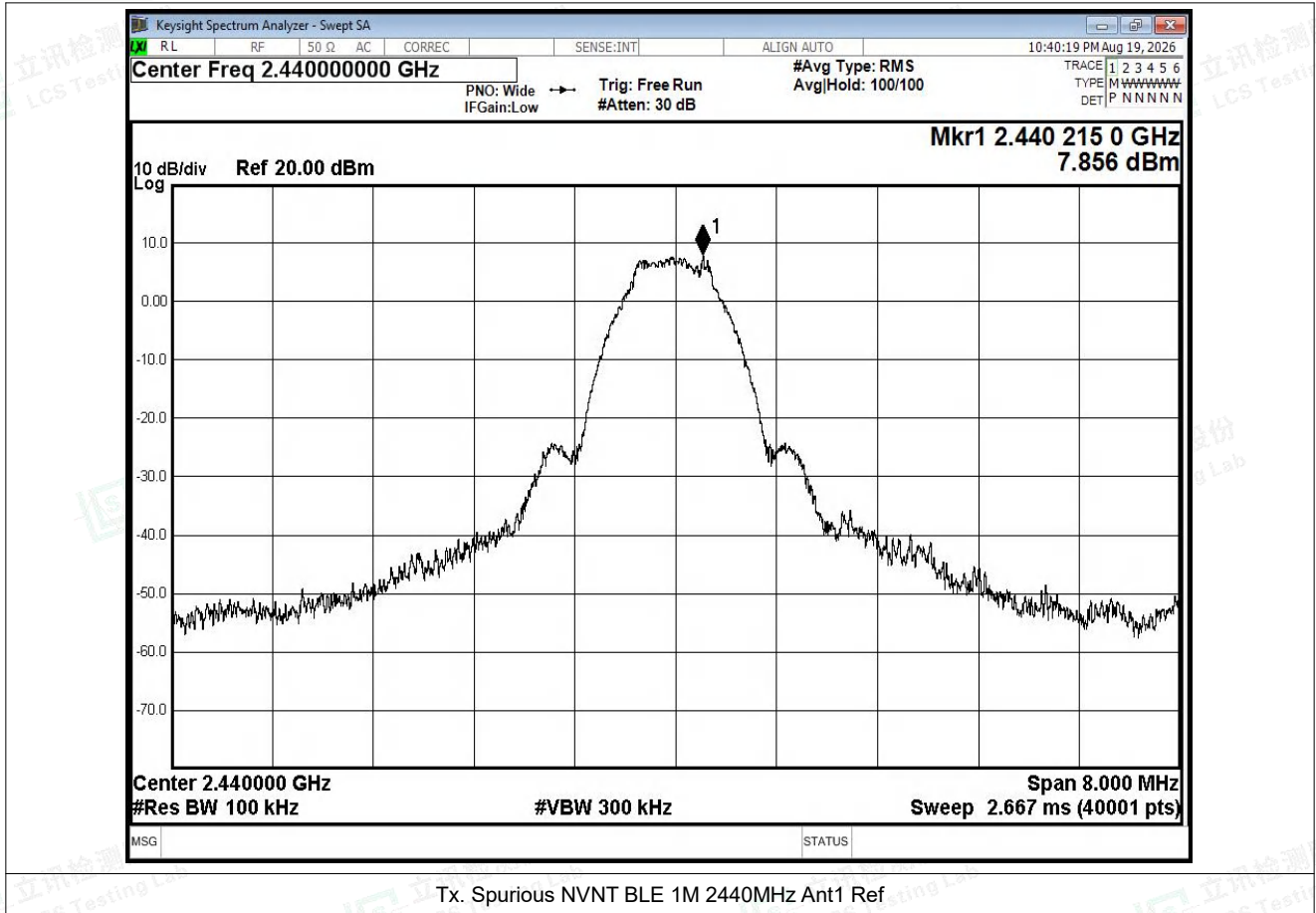
B.5 Conducted RF Spurious Emission

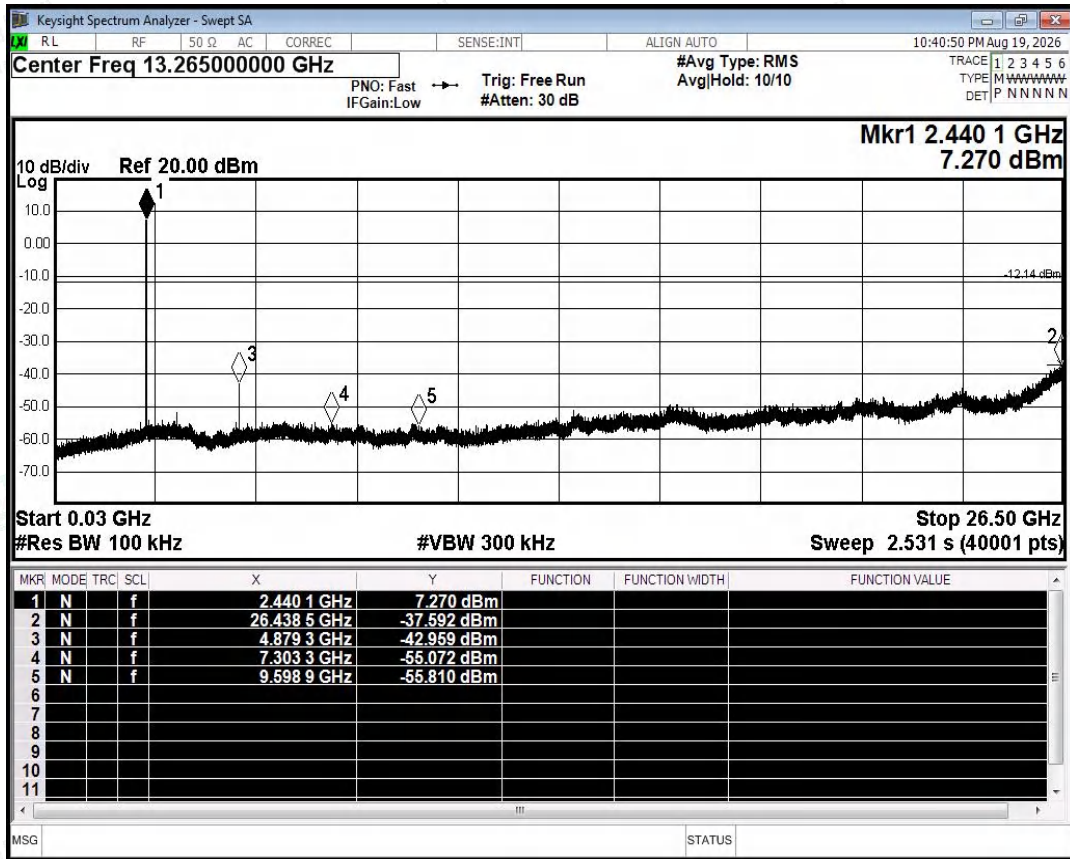
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-45.84	-20	Pass
NVNT	BLE 1M	2440	Ant1	-45.45	-20	Pass
NVNT	BLE 1M	2480	Ant1	-45.76	-20	Pass
NVNT	BLE 2M	2402	Ant1	-46.09	-20	Pass
NVNT	BLE 2M	2440	Ant1	-49.77	-20	Pass
NVNT	BLE 2M	2480	Ant1	-54.36	-20	Pass



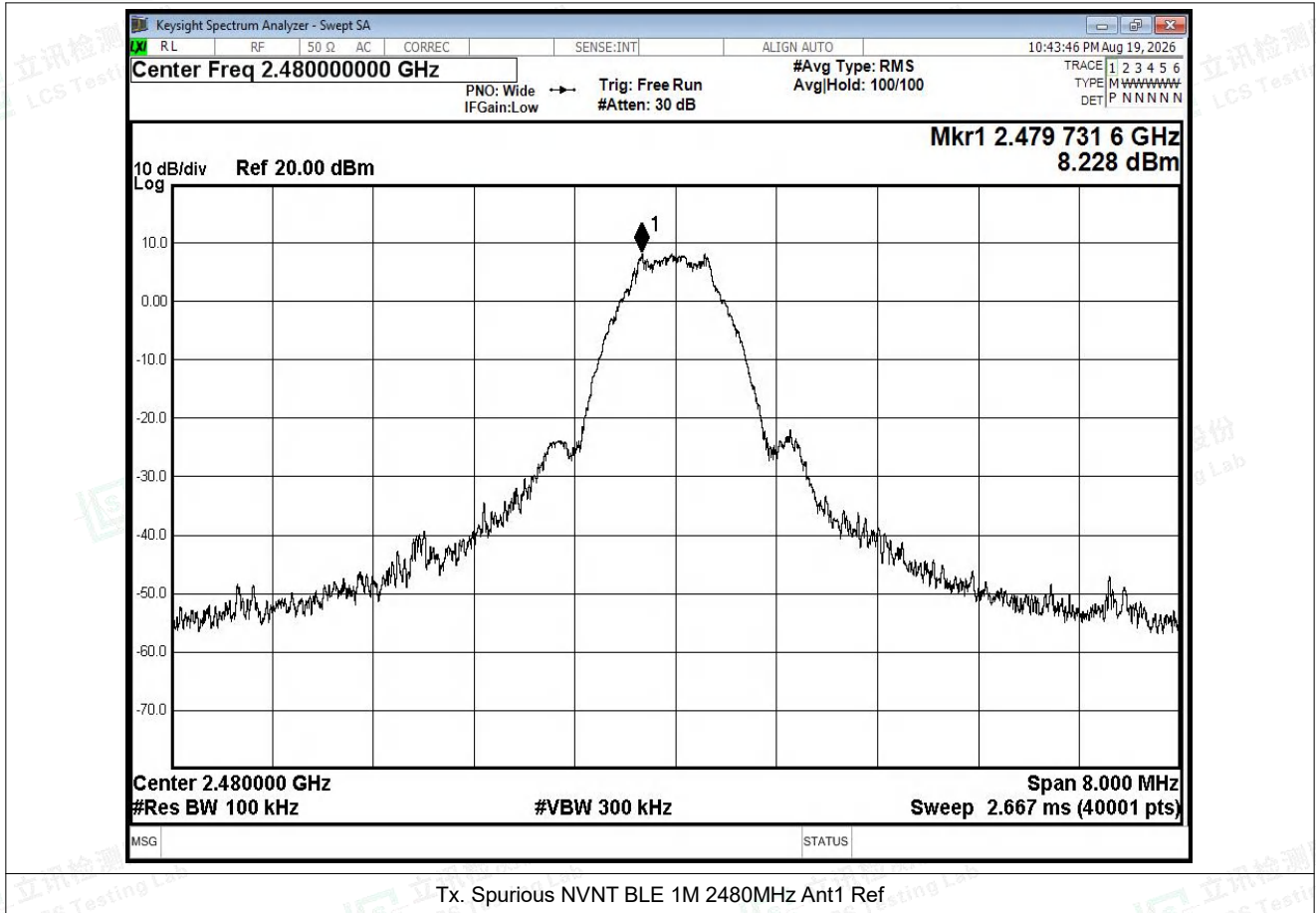


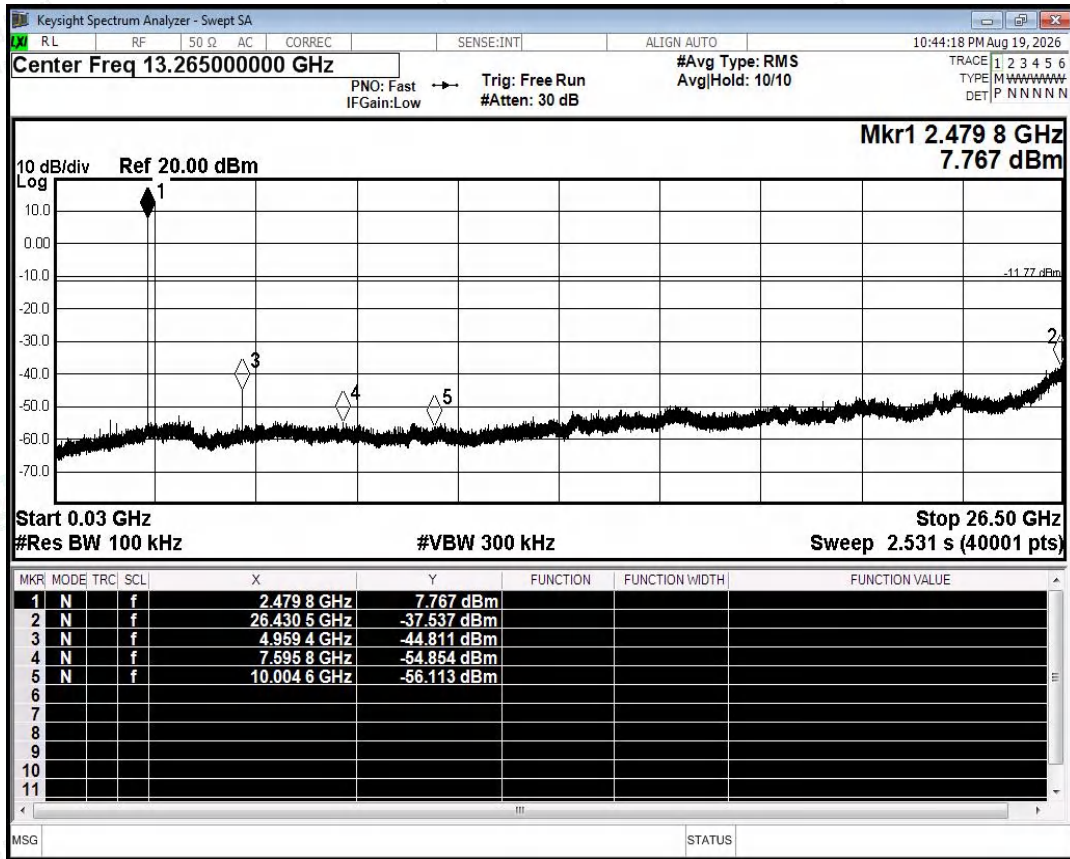
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



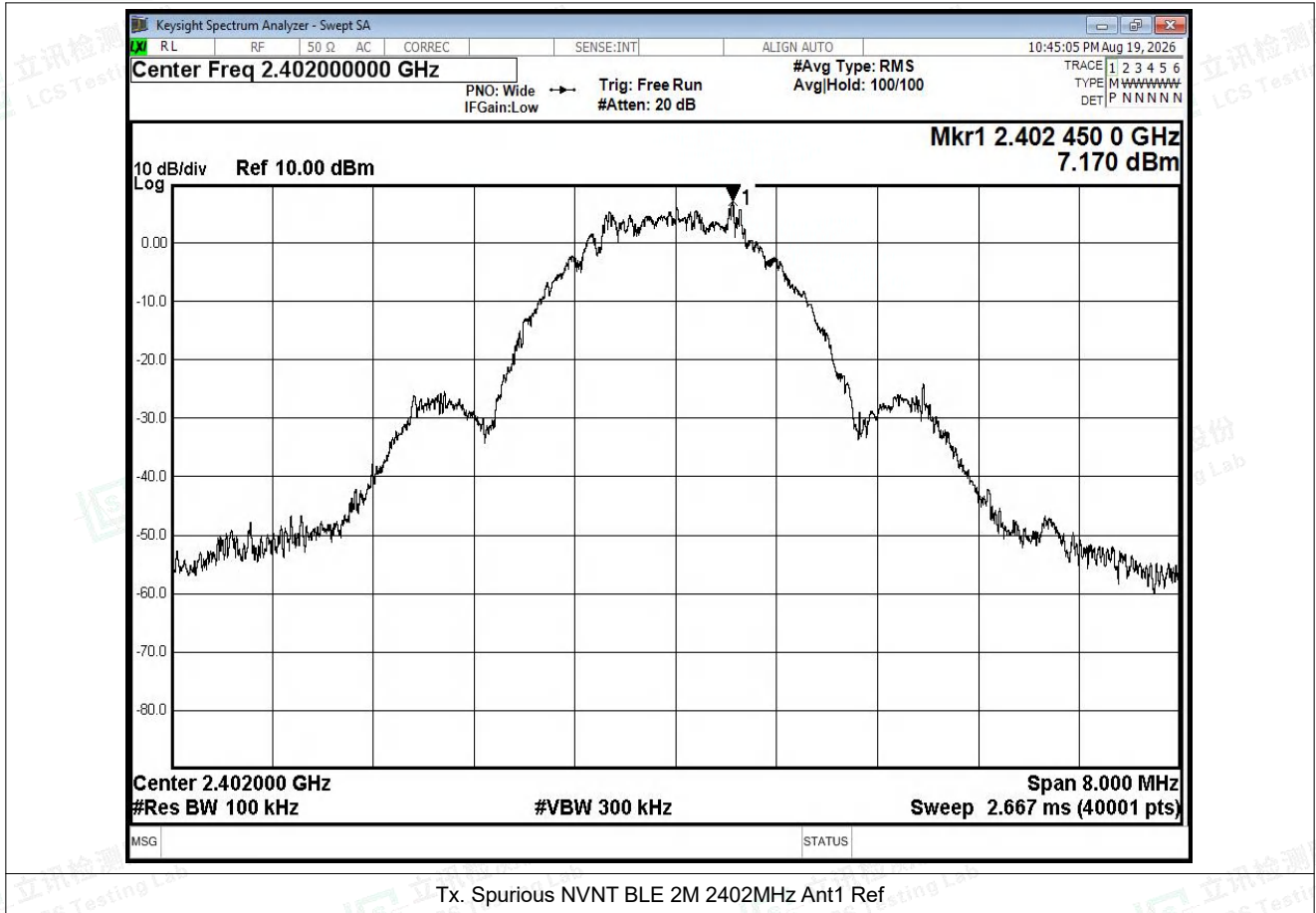


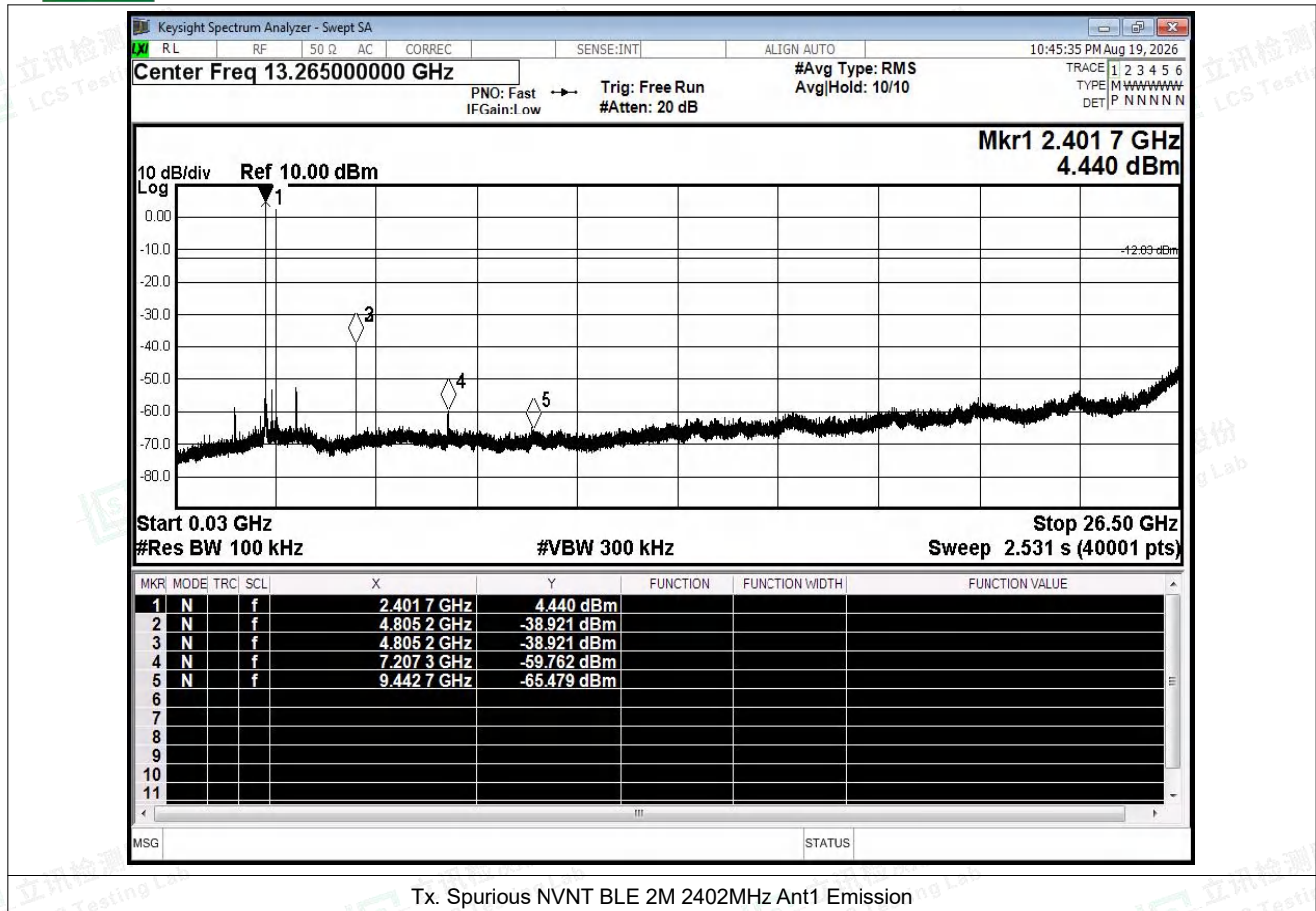
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission

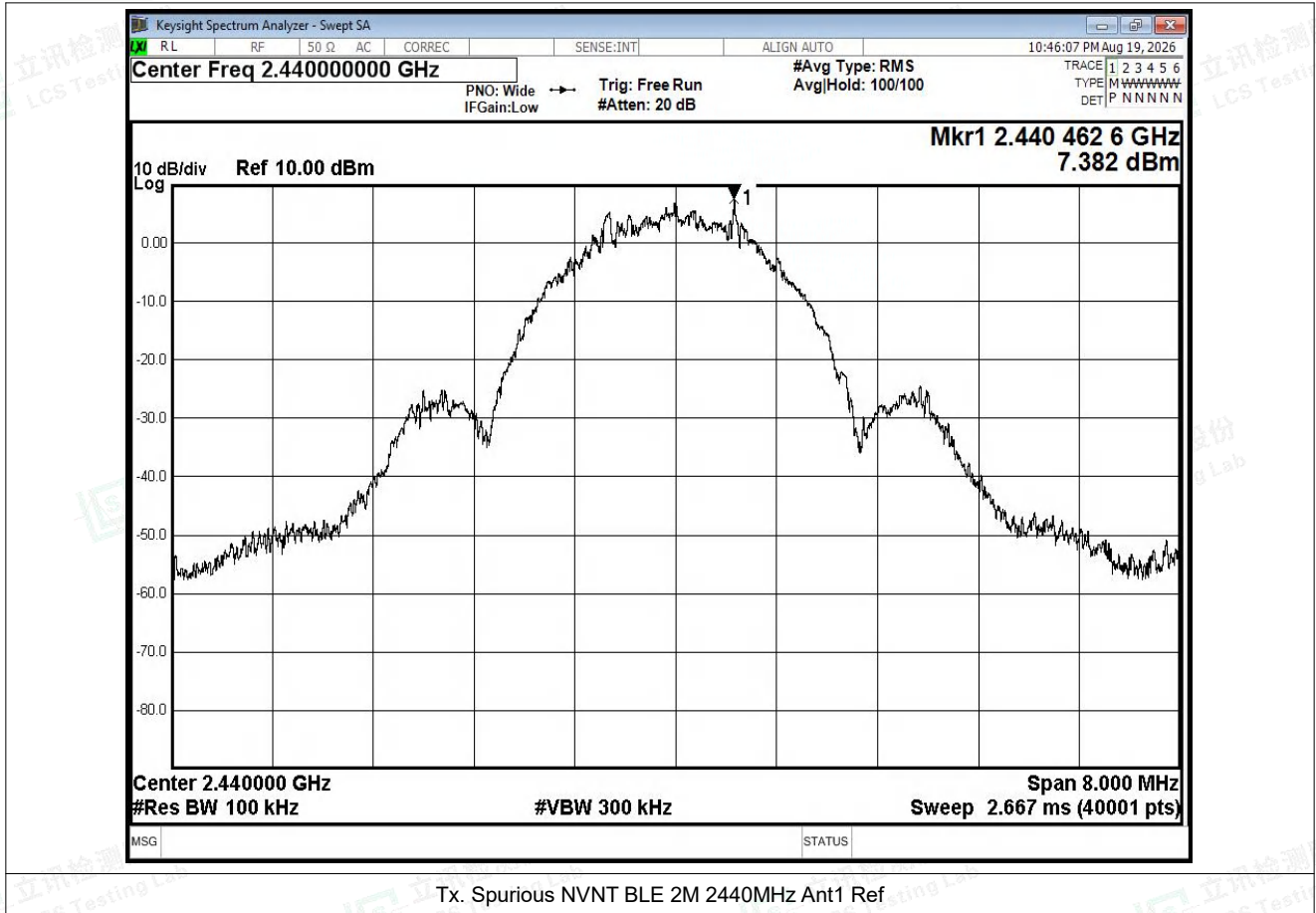


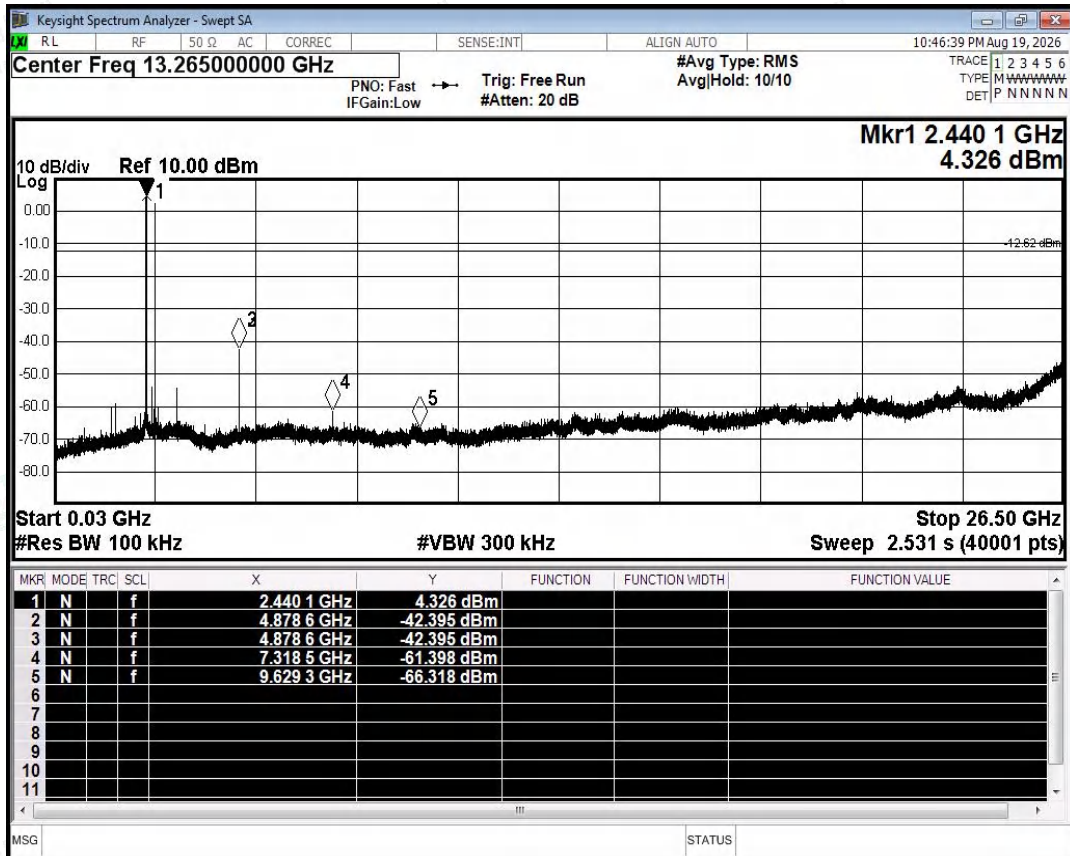


Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission

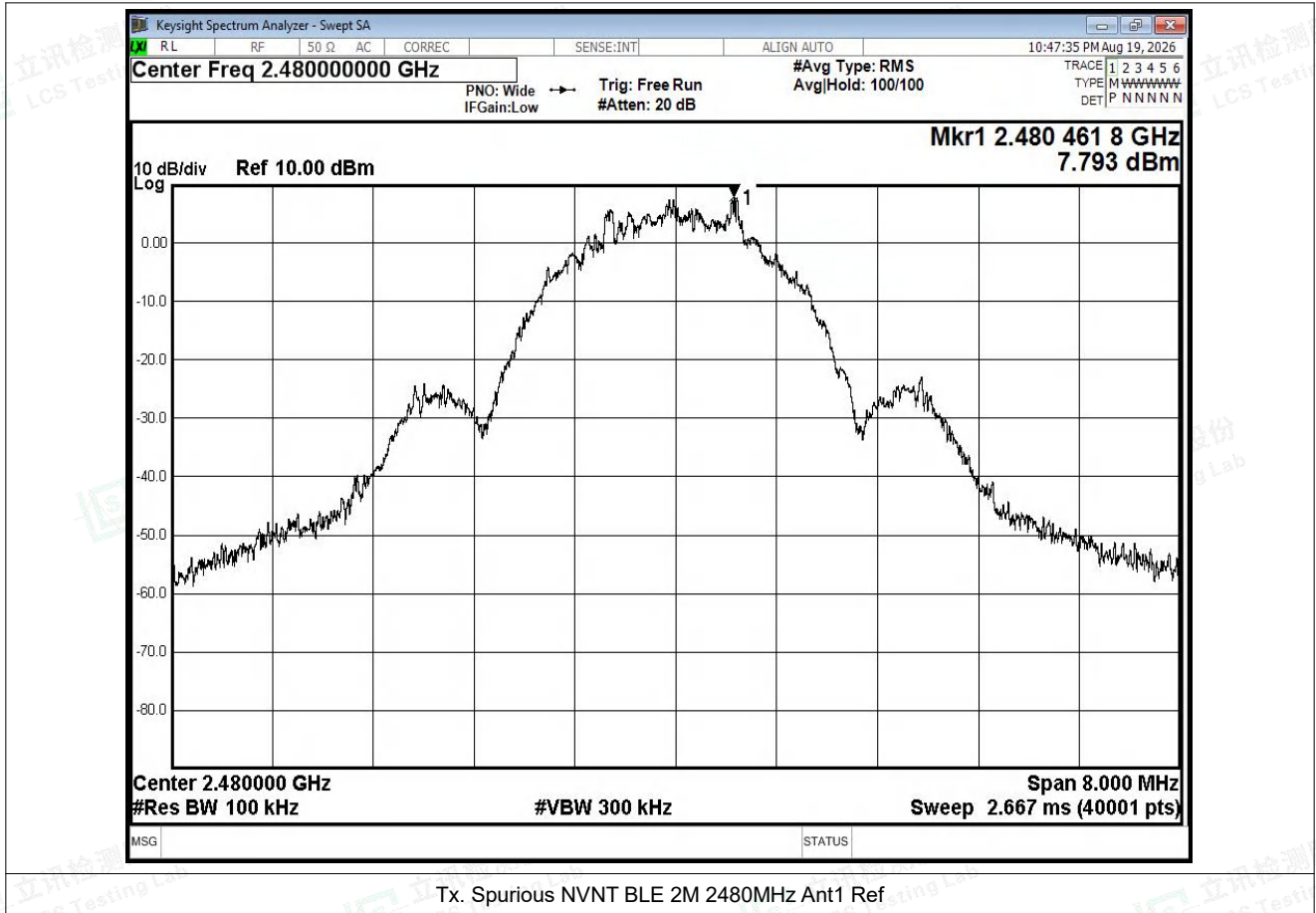


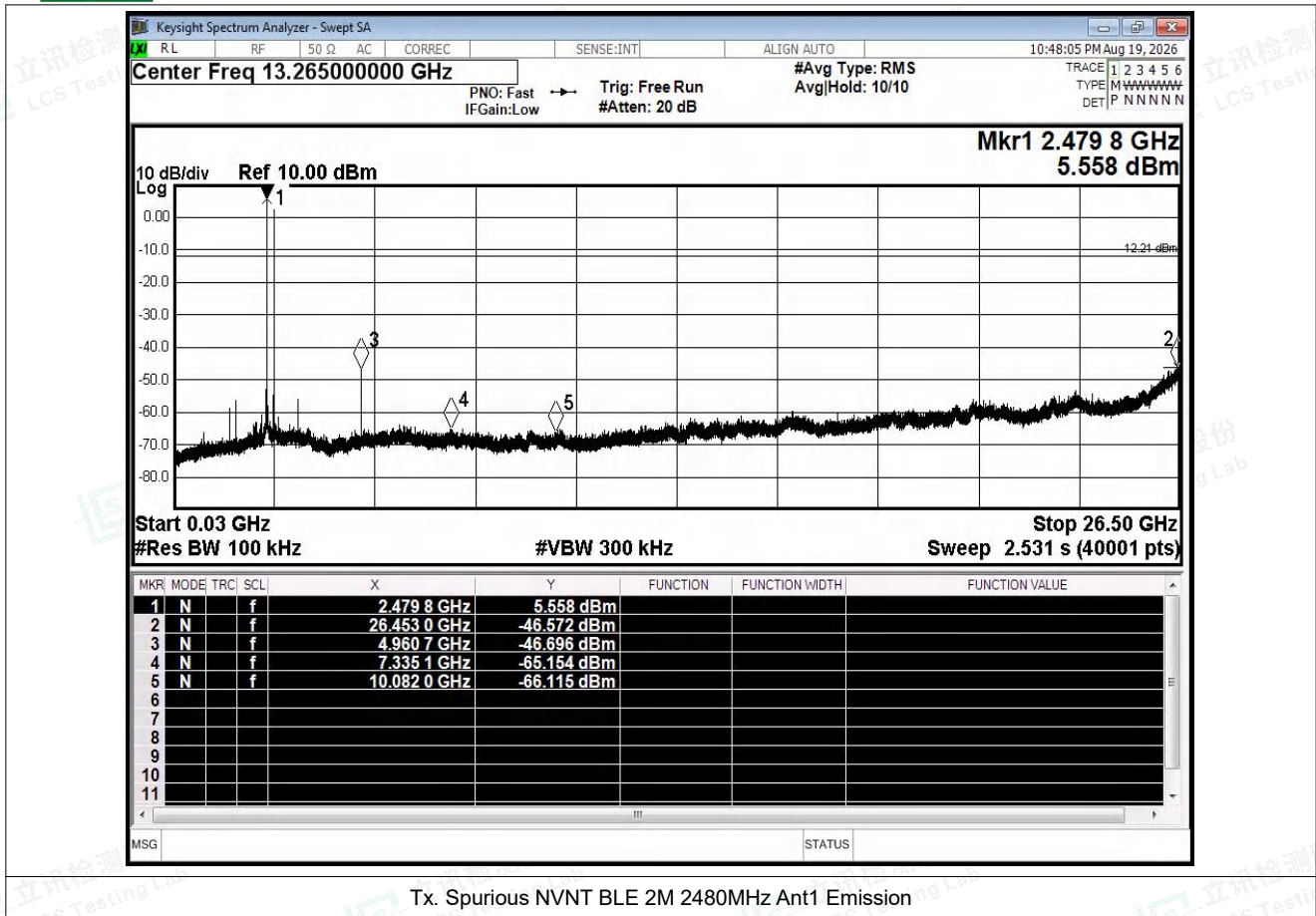






Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission

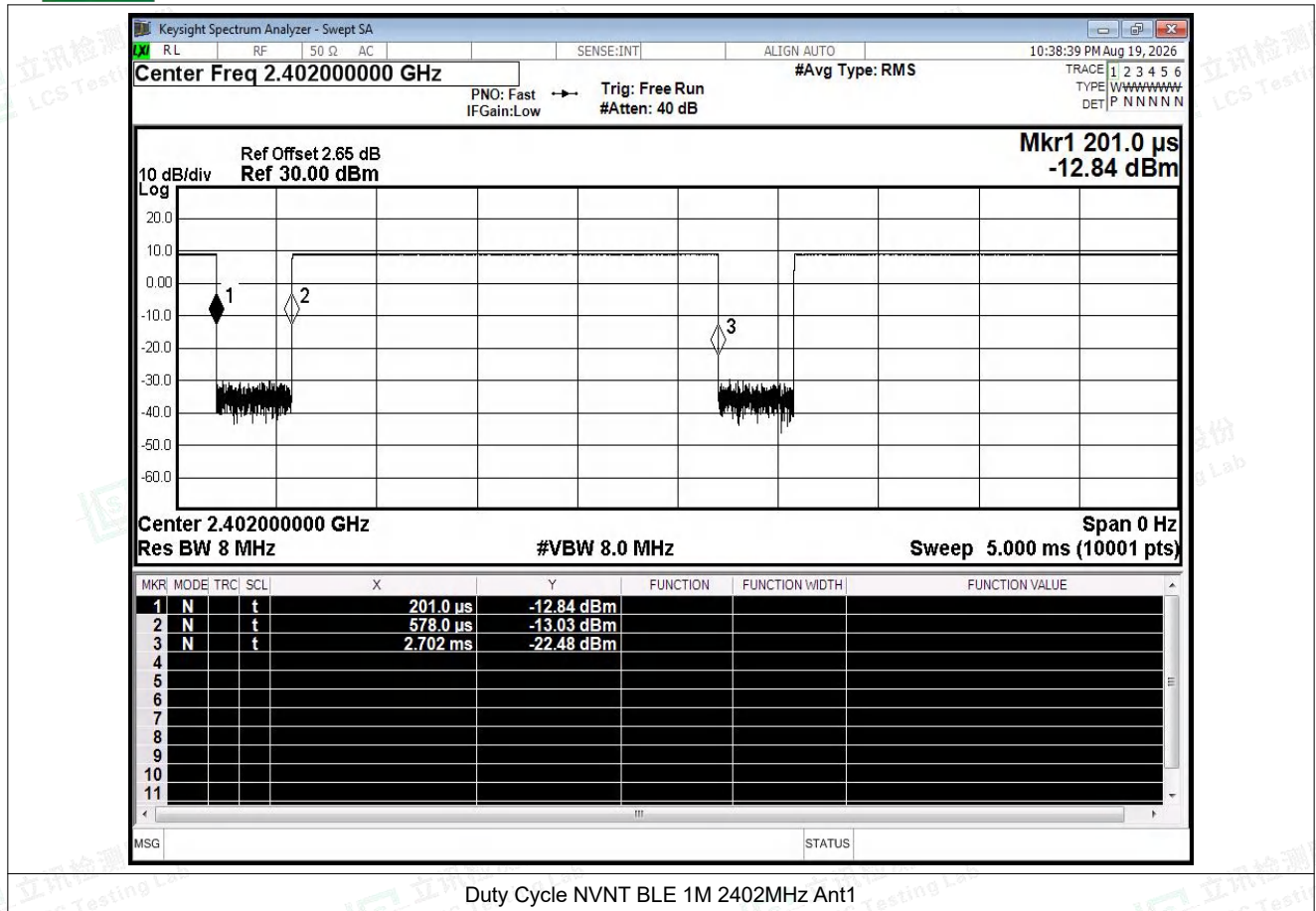


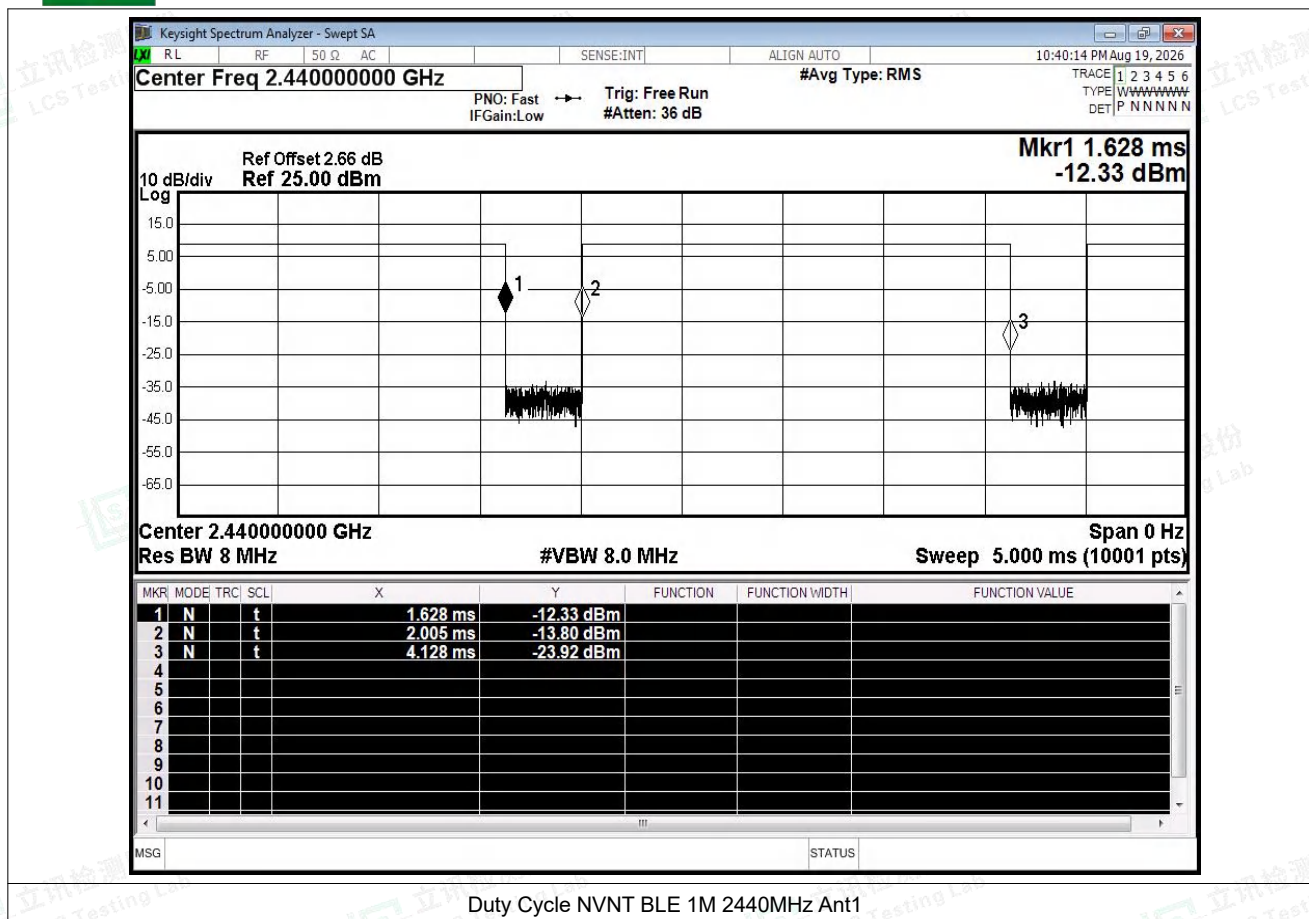


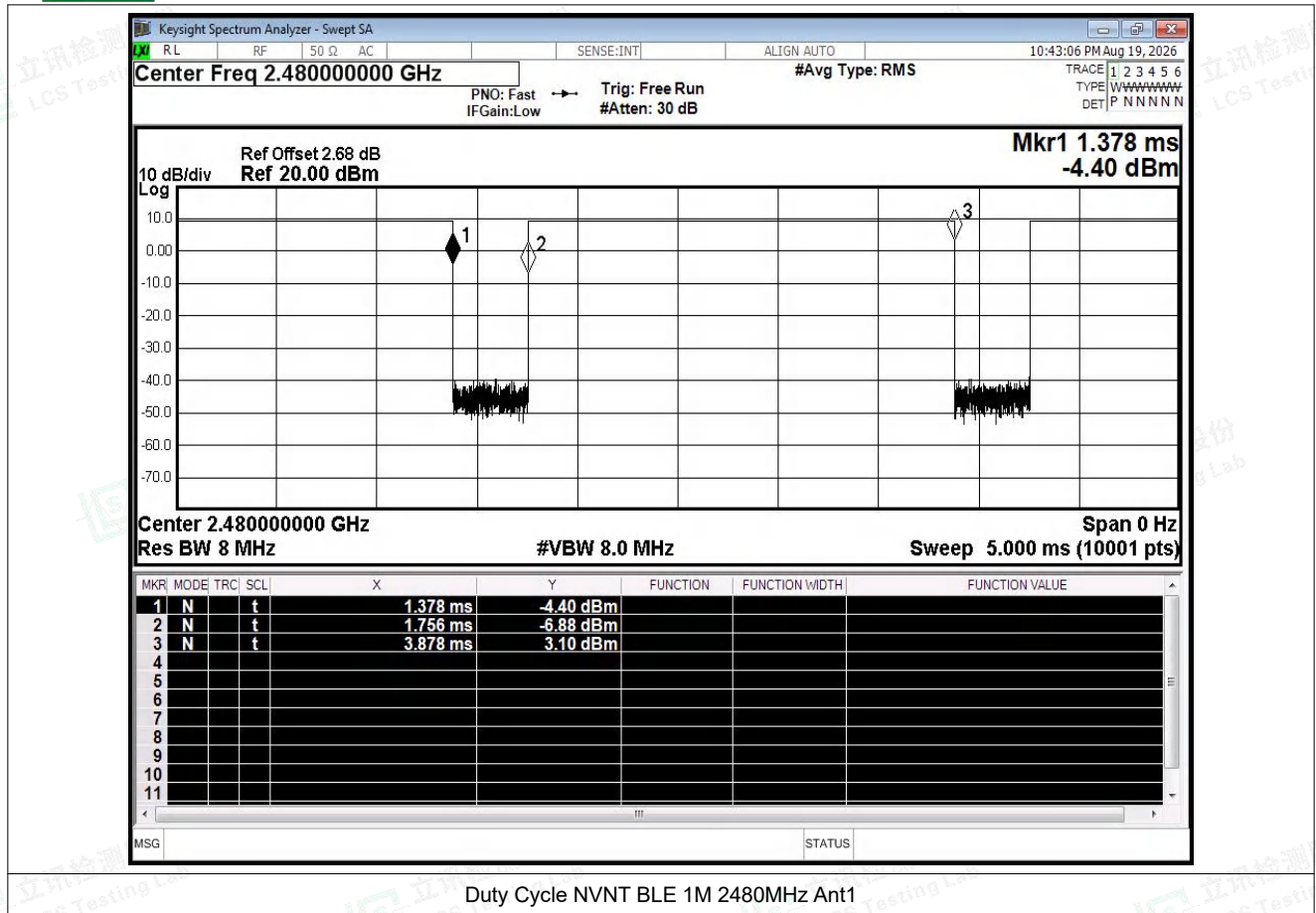


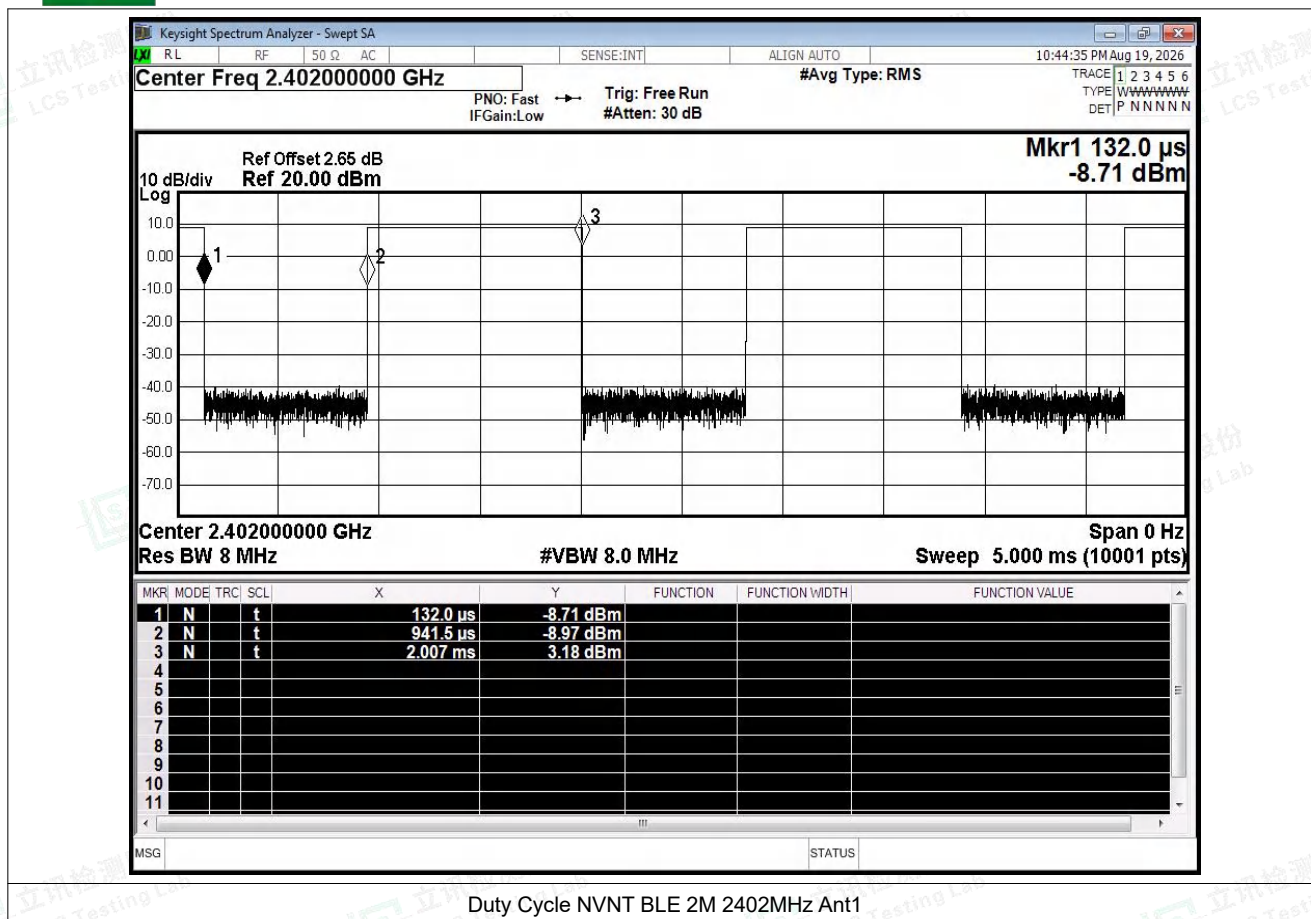
B.6 Duty Cycle

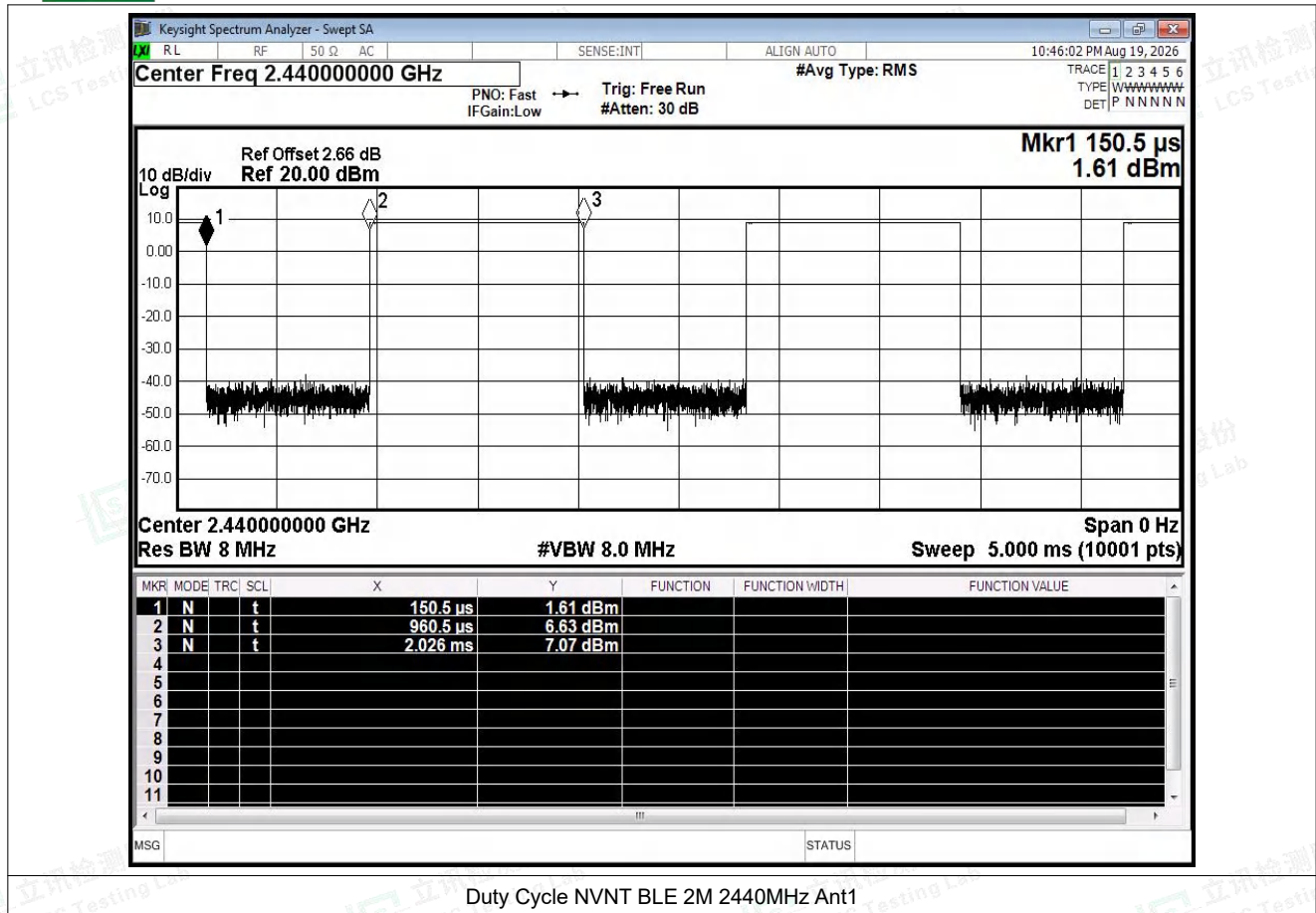
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	84.92	0.71	0.47
NVNT	BLE 1M	2440	Ant1	84.92	0.71	0.47
NVNT	BLE 1M	2480	Ant1	84.9	0.71	0.47
NVNT	BLE 2M	2402	Ant1	56.83	2.45	0.94
NVNT	BLE 2M	2440	Ant1	56.8	2.46	0.94
NVNT	BLE 2M	2480	Ant1	56.8	2.46	0.94

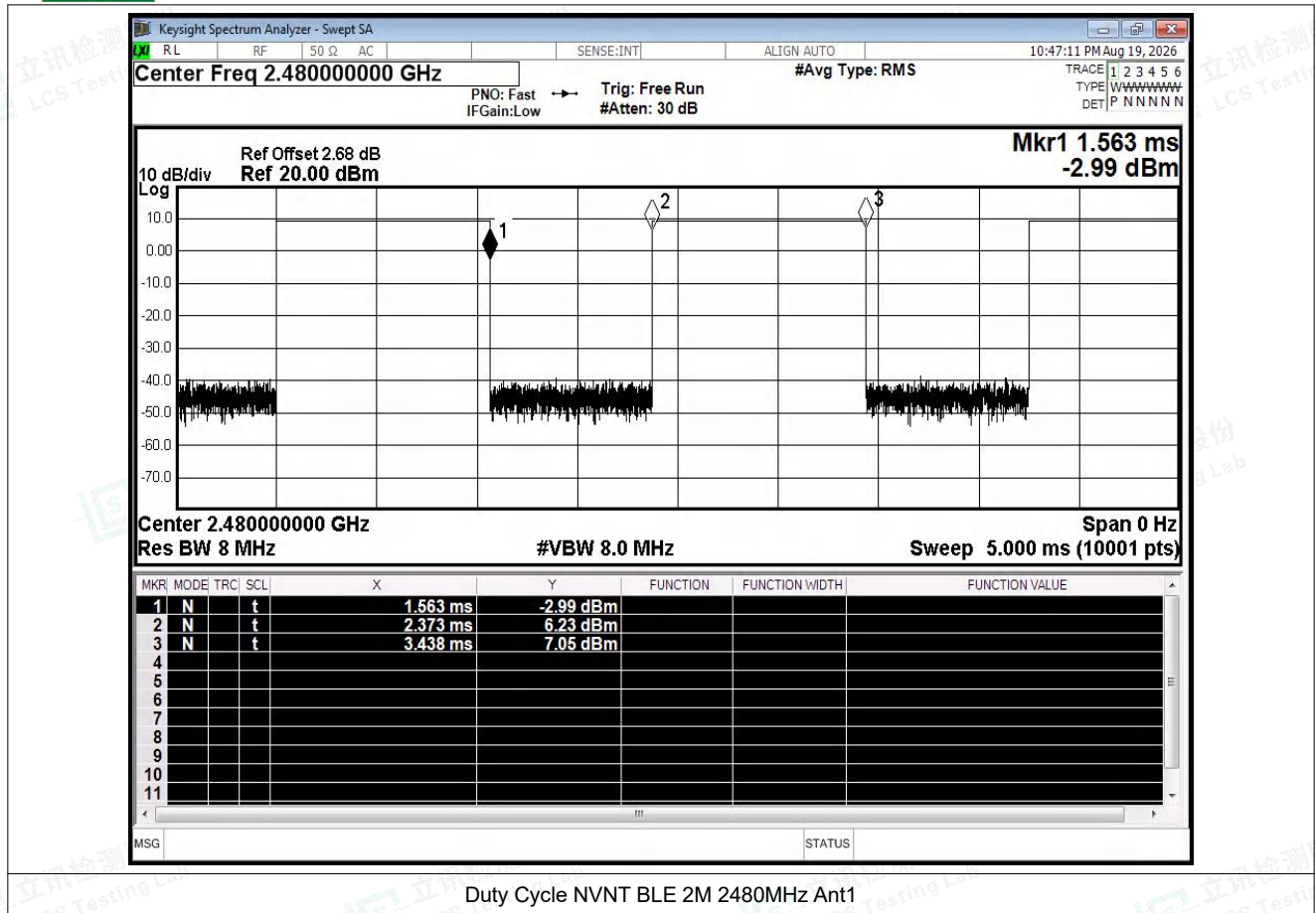








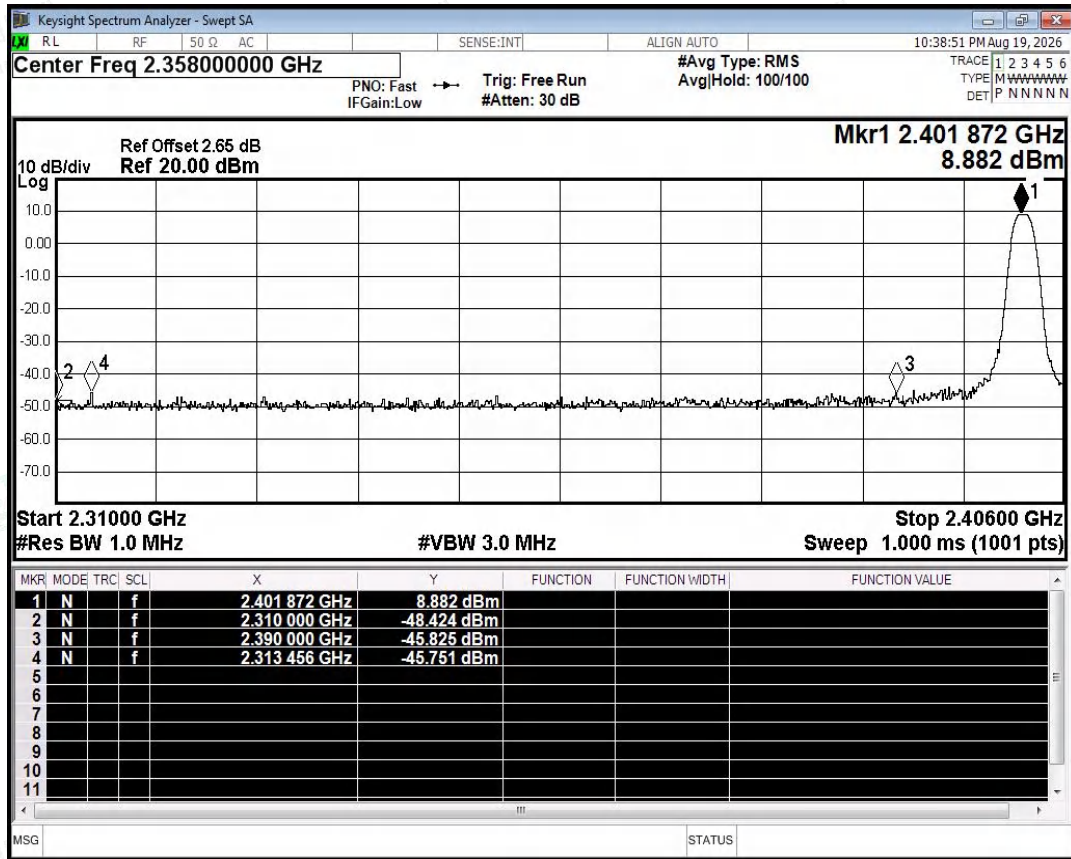




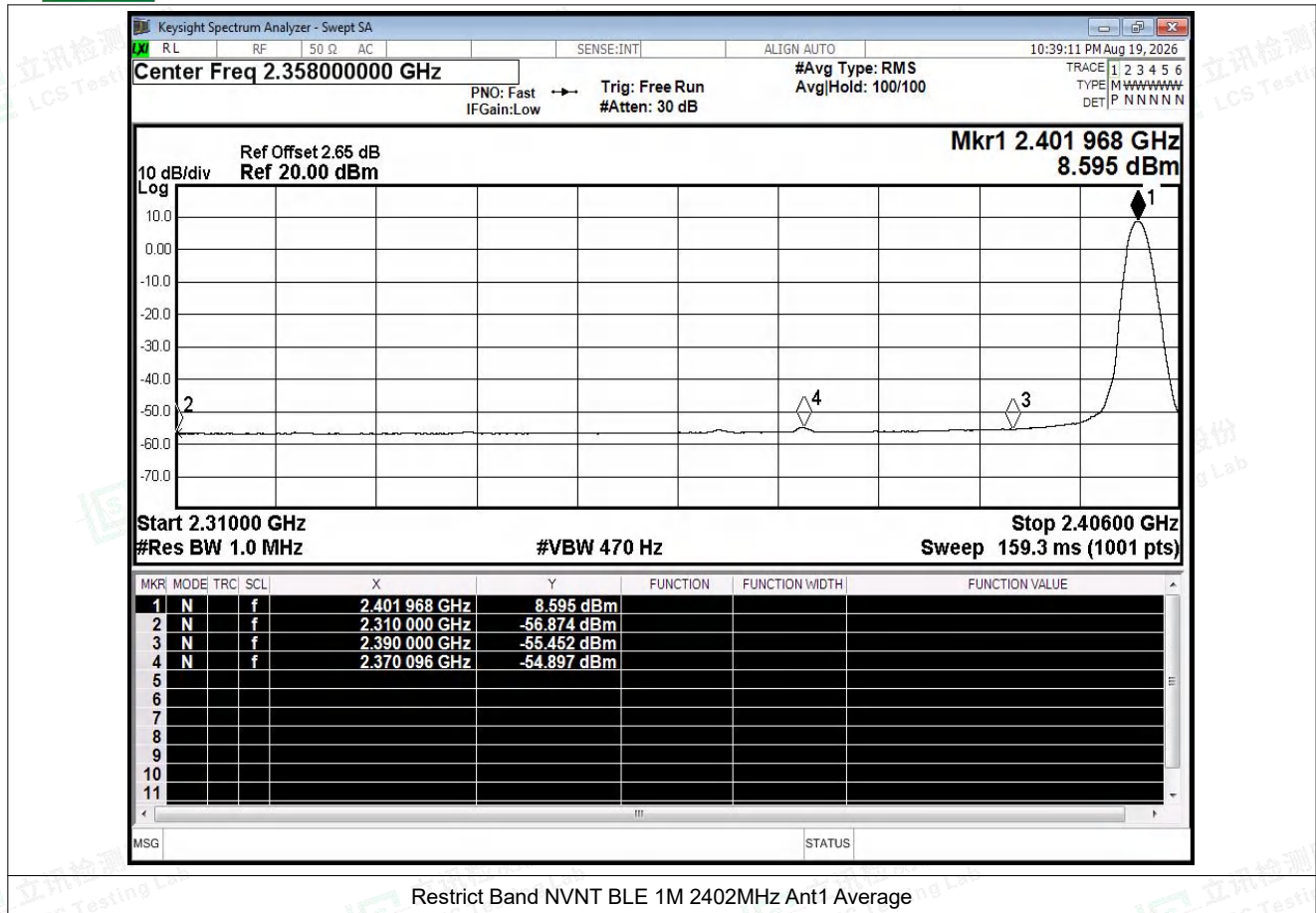


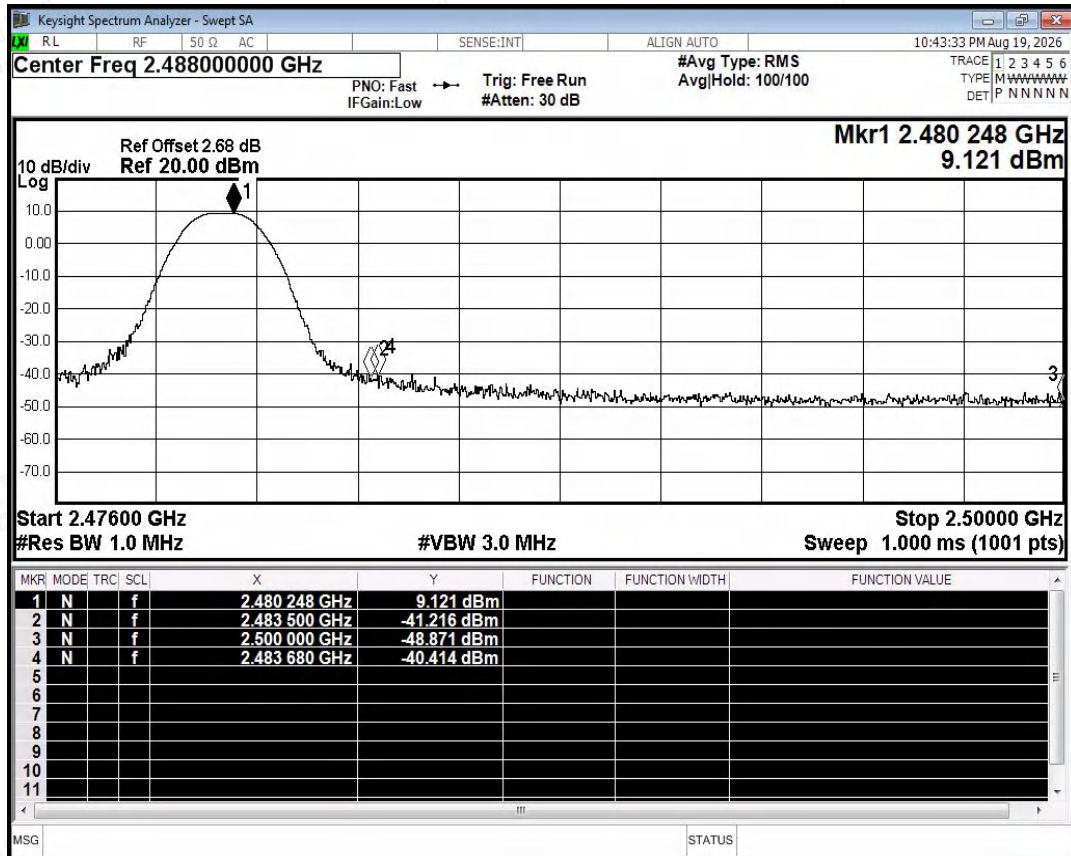
B.7 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE 1M	2402	Ant1	2310	-48.42	2.68	49.52	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2310	-56.87	2.68	41.07	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2313.456	-45.75	2.68	52.19	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2370.096	-54.89	2.68	43.05	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2390	-47.7	2.68	50.24	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2390	-55.44	2.68	42.50	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-41.21	2.68	56.73	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-46.14	2.68	51.80	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.68	-40.41	2.68	57.53	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.512	-46.14	2.68	51.80	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2500	-48.87	2.68	49.07	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2500	-55.42	2.68	42.52	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2310	-49.36	2.68	48.58	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2310	-56.69	2.68	41.25	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2385.84	-45.2	2.68	52.74	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2385.36	-53.29	2.68	44.65	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2390	-48.86	2.68	49.08	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2390	-55.27	2.68	42.67	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-44.33	2.68	53.61	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-48.15	2.68	49.79	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2483.536	-44.18	2.68	53.76	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.512	-48.15	2.68	49.79	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2500	-48.6	2.68	49.34	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2500	-56.3	2.68	41.64	Average	54	Pass

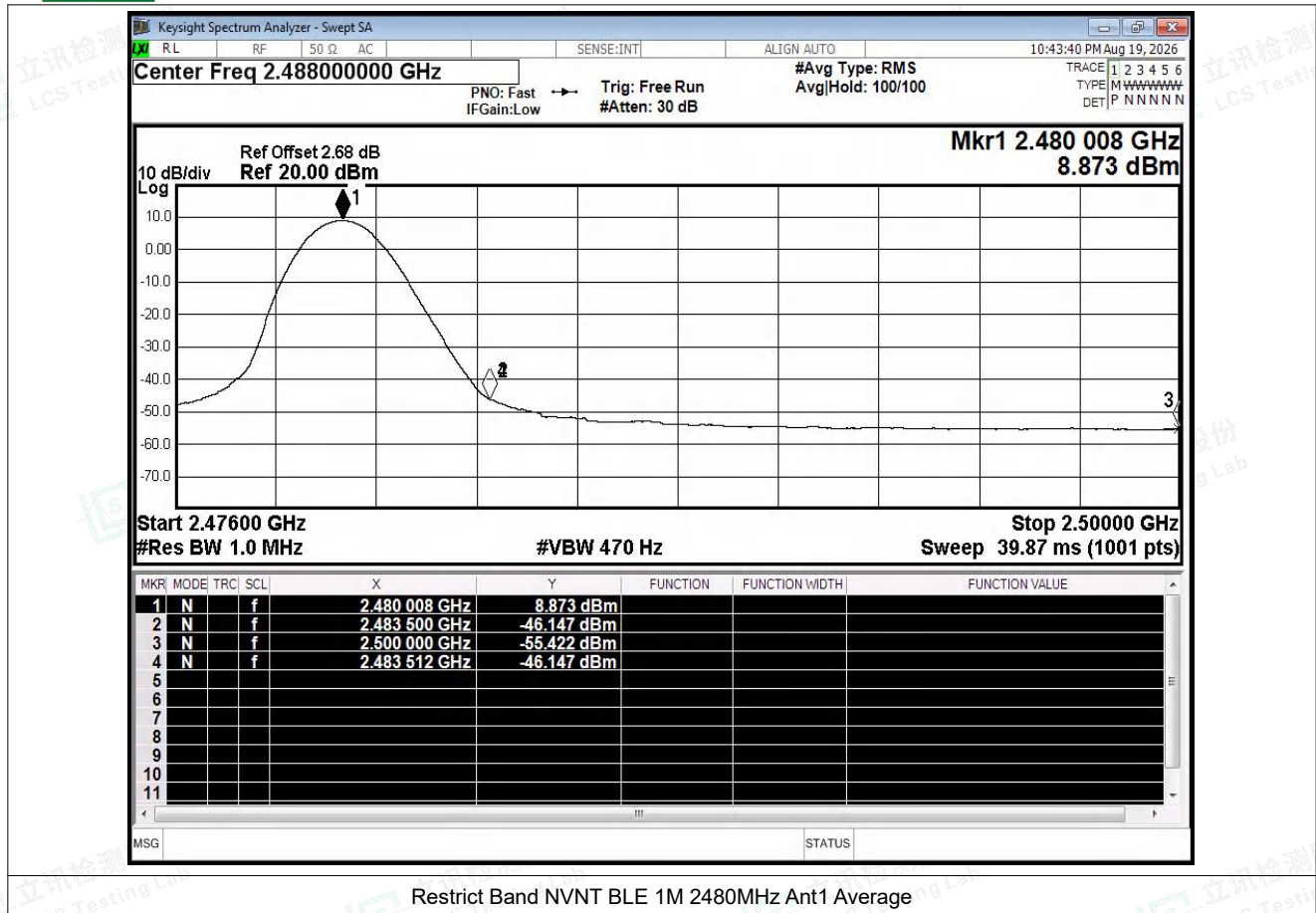


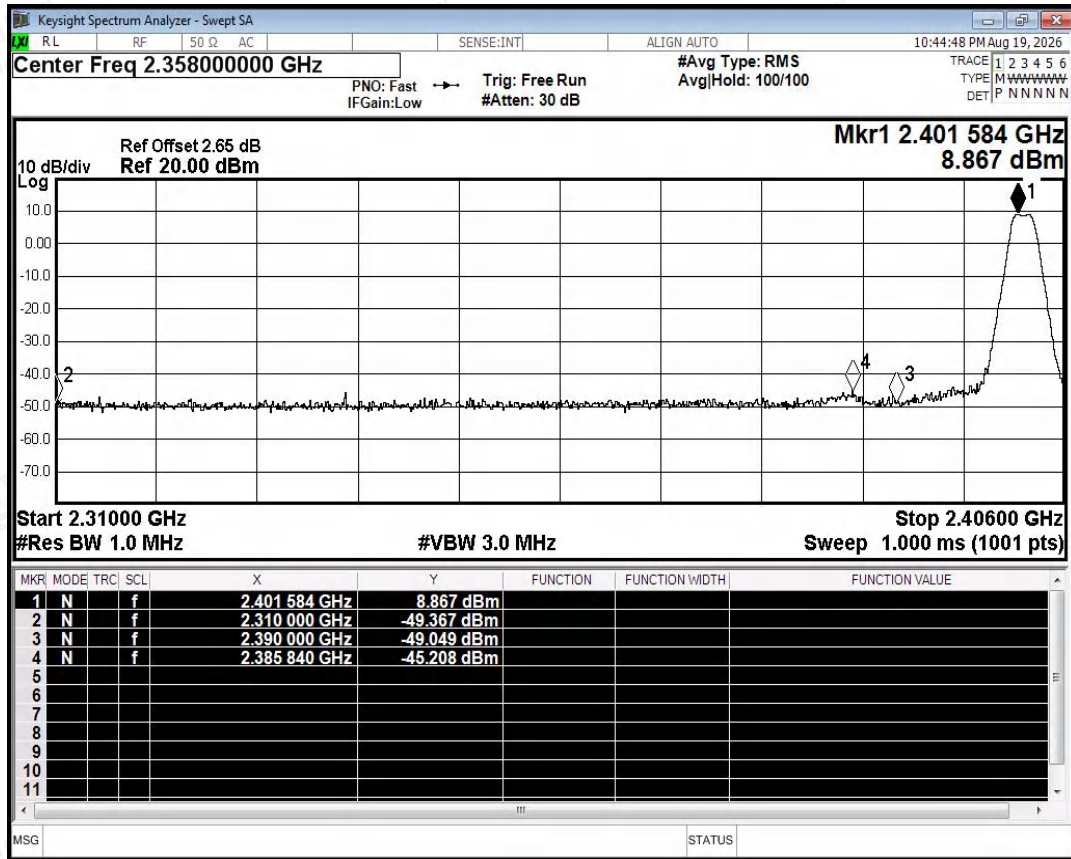
Restrict Band NVNT BLE 1M 2402MHz Ant1 Peak



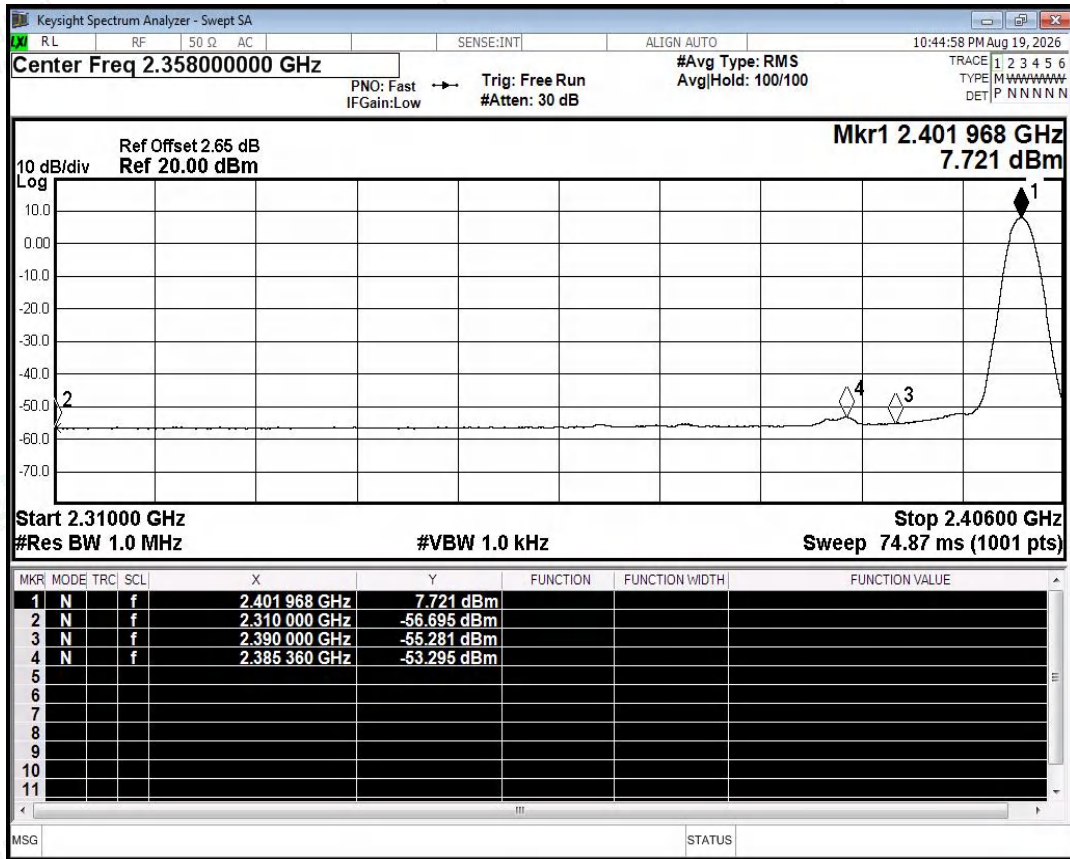


Restrict Band NVNT BLE 1M 2480MHz Ant1 Peak

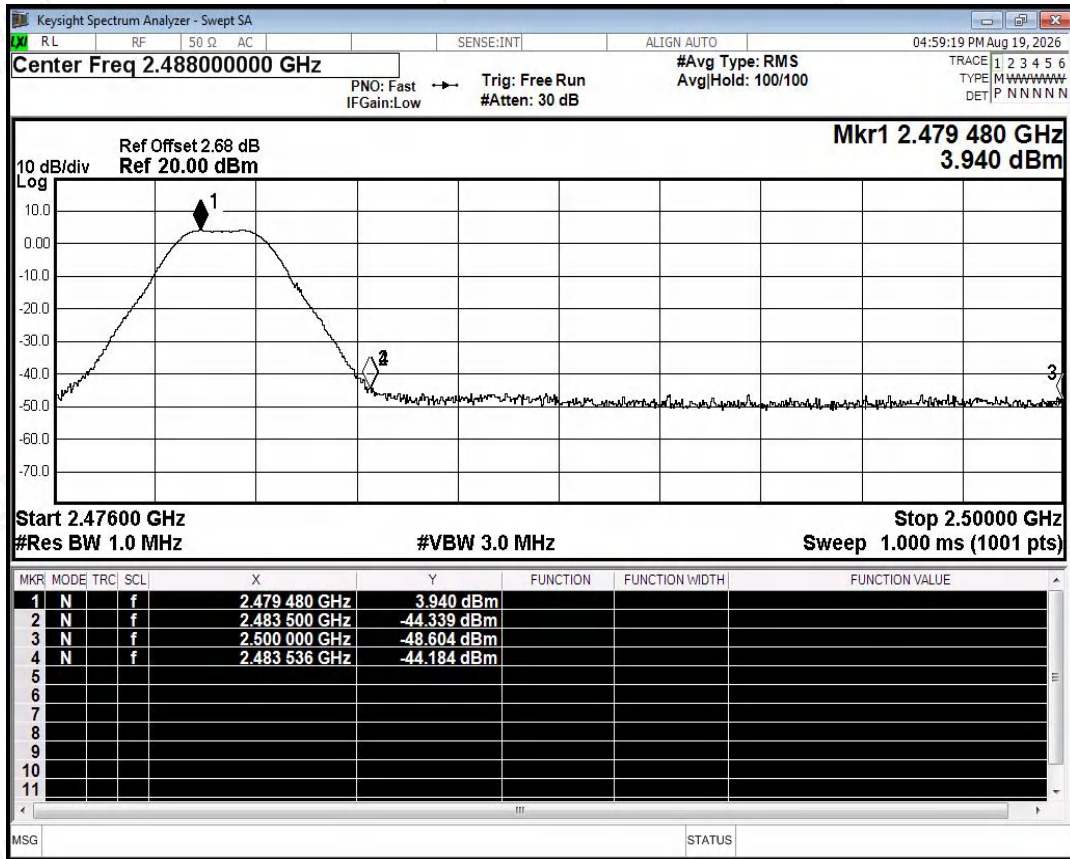




Restrict Band NVNT BLE 2M 2402MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2402MHz Ant1 Average



Restrict Band NVNT BLE 2M 2480MHz Ant1 Peak

