Appendix B

Duty Cycle

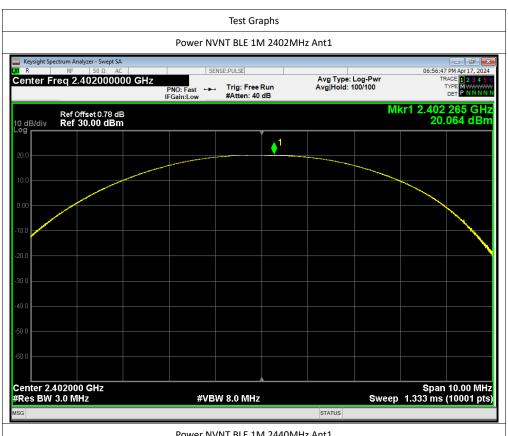
Condition	Mode	Frequency	Antenna	On Time	Period	Duty Cycle	Correction Factor	1/T	Final settingFor VBW
		(MHz)		(ms)	(ms)	(%)	(dB)	(kHz)	(kHz)
NVNT	BLE	2402	Ant1	0.4	0.62	64.52	1.9	2.48	1
	1M								
NVNT	BLE	2440	Ant1	0.4	0.63	63.49	1.97	2.48	1
	1M								
NVNT	BLE	2480	Ant1	0.4	0.63	63.49	1.97	2.49	1
	1M								
NVNT	BLE	2404	Ant1	0.22	0.63	34.92	4.57	4.57	1
	2M								
NVNT	BLE	2440	Ant1	0.22	0.62	35.48	4.5	4.57	1
	2M								
NVNT	BLE	2478	Ant1	0.22	0.63	34.92	4.57	4.58	1
	2M								

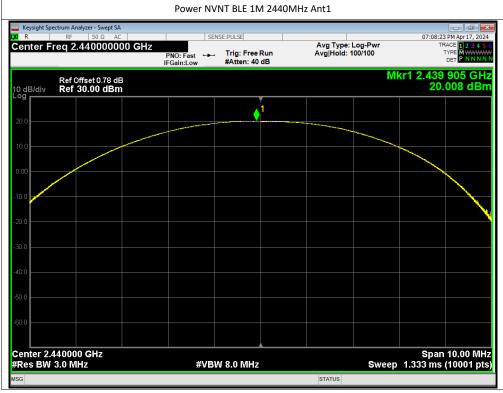
Maximum Conducted Output Power

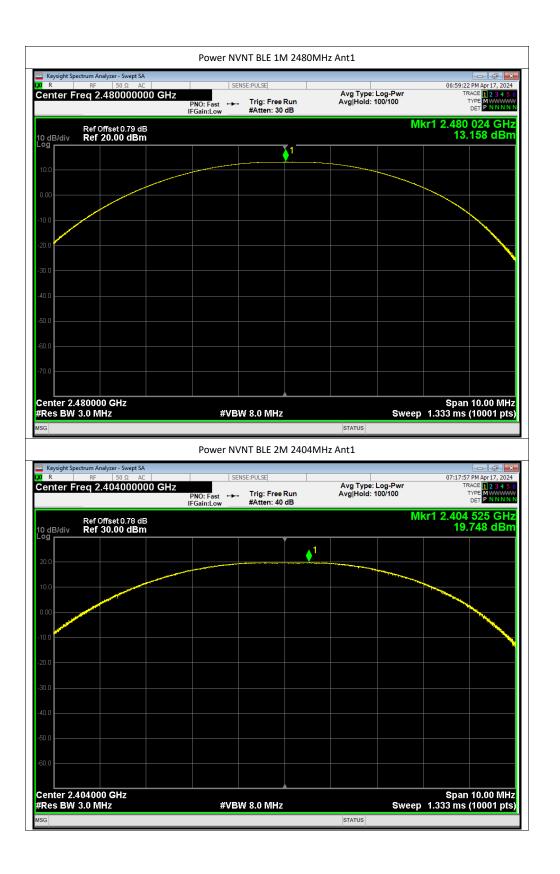
Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	E.I.R.P	E.I.R.P	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	(dBm	Limit	
									(dBm)	
NVNT	BLE	2402	Ant1	20.06	0	20.06	30	21.06	<=36.02	Pass
	1M									
NVNT	BLE	2440	Ant1	20.01	0	20.01	30	21.01	<=36.02	Pass
	1M									
NVNT	BLE	2480	Ant1	13.16	0	13.16	30	14.16	<=36.02	Pass
	1M									
NVNT	BLE	2404	Ant1	19.75	0	19.75	30	20.75	<=36.02	Pass
	2M									
NVNT	BLE	2440	Ant1	19.68	0	19.68	30	20.68	<=36.02	Pass
	2M									
NVNT	BLE	2478	Ant1	14.53	0	14.53	30	15.53	<=36.02	Pass
	2M									

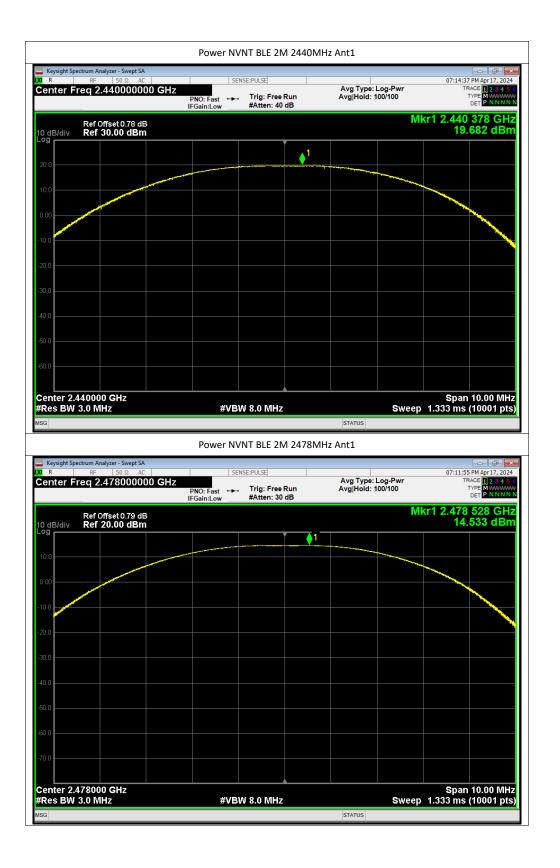
Note1: Antenna Gain: 1 dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain







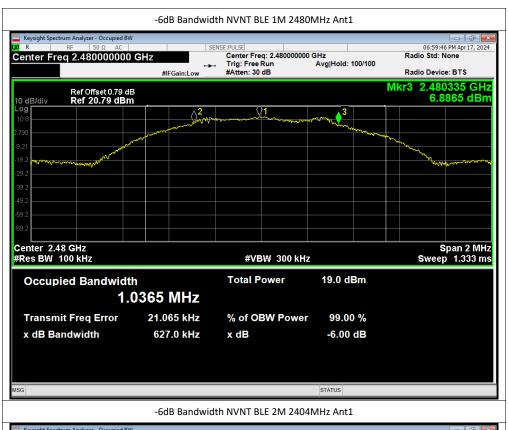


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.66	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.67	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.63	0.5	Pass
NVNT	BLE 2M	2404	Ant1	1.05	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.07	0.5	Pass
NVNT	BLE 2M	2478	Ant1	1.1	0.5	Pass













Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.033
NVNT	BLE 1M	2440	Ant1	1.034
NVNT	BLE 1M	2480	Ant1	1.033
NVNT	BLE 2M	2404	Ant1	2.049
NVNT	BLE 2M	2440	Ant1	2.055
NVNT	BLE 2M	2478	Ant1	2.05



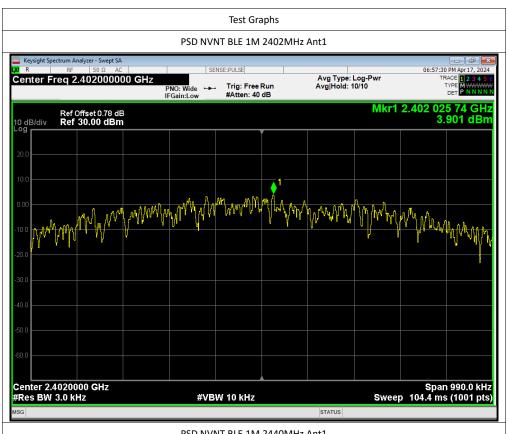


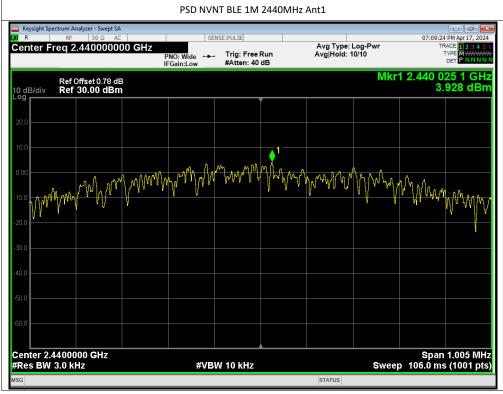


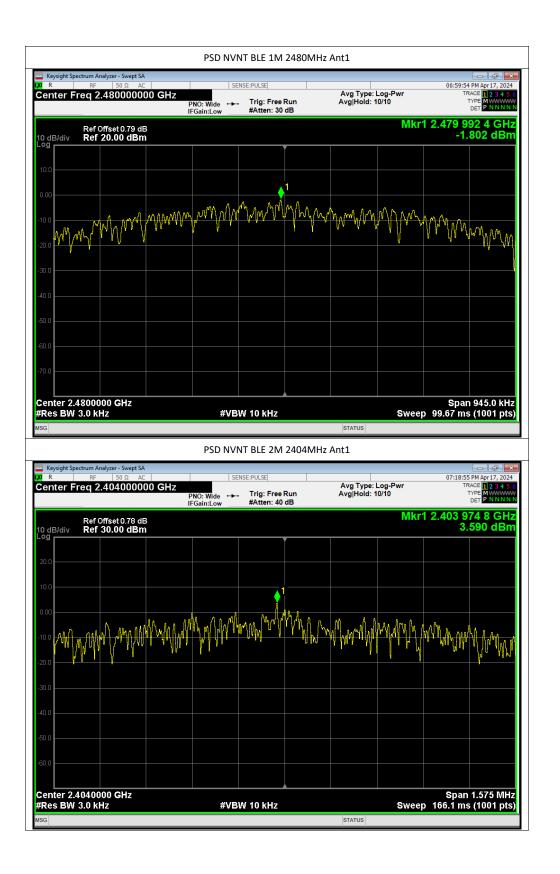


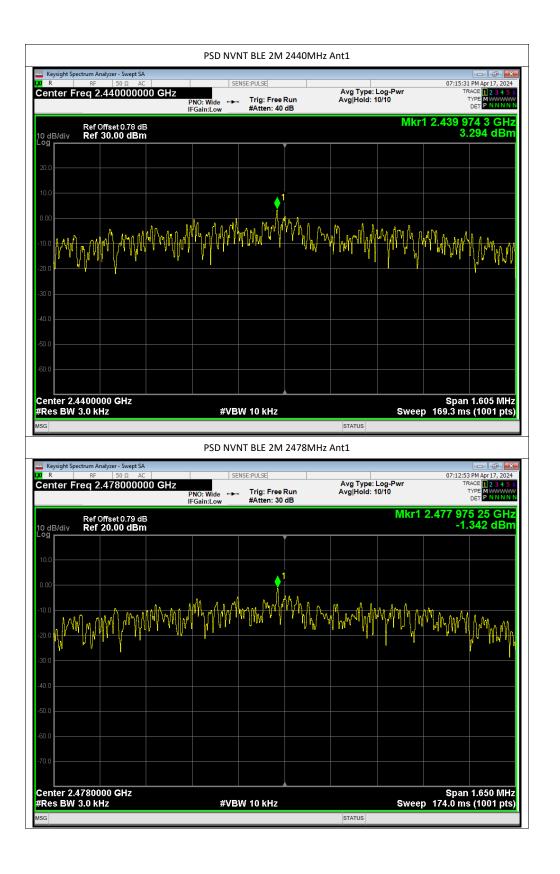
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	3.9	0	3.9	8	Pass
NVNT	BLE 1M	2440	Ant1	3.93	0	3.93	8	Pass
NVNT	BLE 1M	2480	Ant1	-1.8	0	-1.8	8	Pass
NVNT	BLE 2M	2404	Ant1	3.59	0	3.59	8	Pass
NVNT	BLE 2M	2440	Ant1	3.29	0	3.29	8	Pass
NVNT	BLE 2M	2478	Ant1	-1.34	0	-1.34	8	Pass



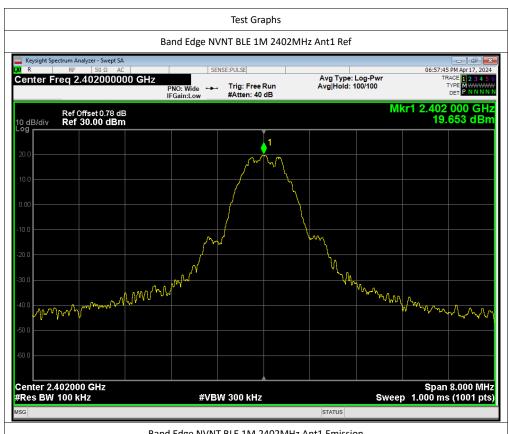


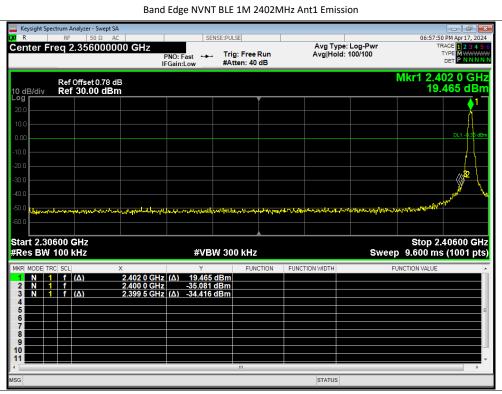


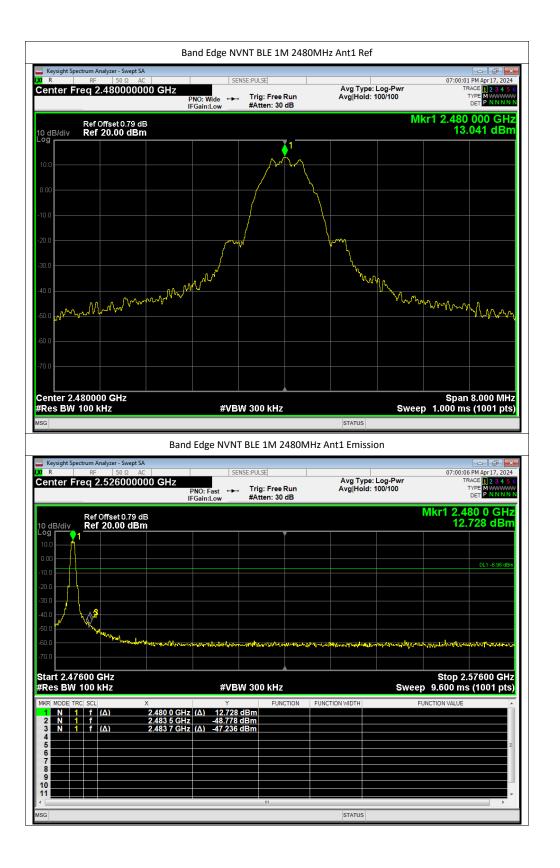


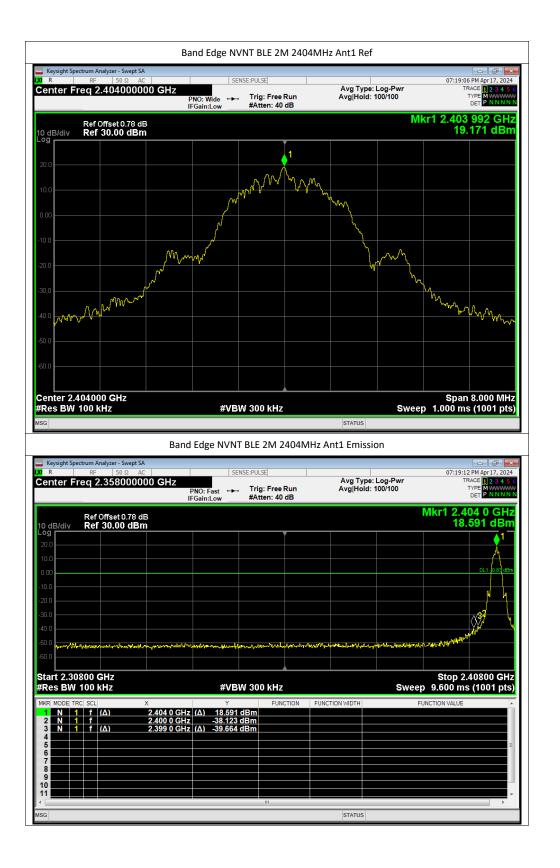
Band Edge

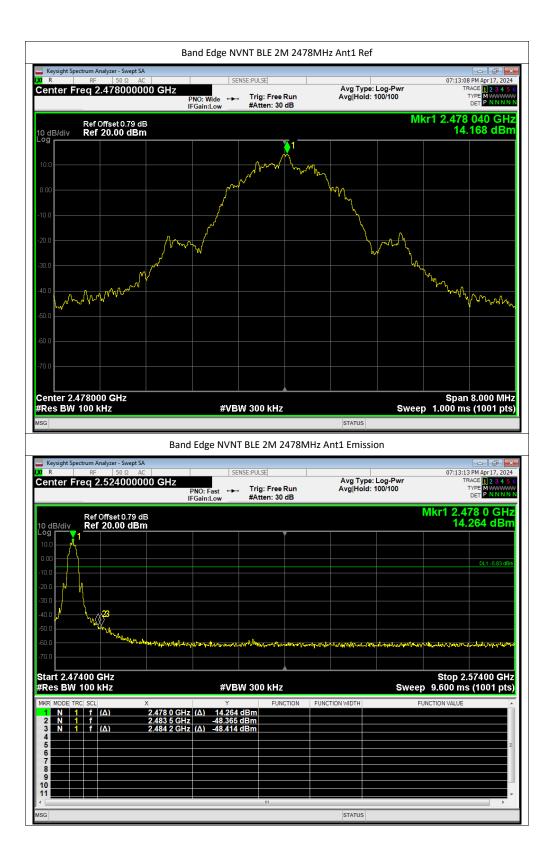
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-54.07	-20	Pass
NVNT	BLE 1M	2480	Ant1	-60.28	-20	Pass
NVNT	BLE 2M	2404	Ant1	-57.29	-20	Pass
NVNT	BLE 2M	2478	Ant1	-62.54	-20	Pass











Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-52.62	-20	Pass
NVNT	BLE 1M	2440	Ant1	-53.23	-20	Pass
NVNT	BLE 1M	2480	Ant1	-56.15	-20	Pass
NVNT	BLE 2M	2404	Ant1	-52.98	-20	Pass
NVNT	BLE 2M	2440	Ant1	-52.62	-20	Pass
NVNT	BLE 2M	2478	Ant1	-57.4	-20	Pass

