



12. TEST DATA

12.1. APPENDIX A2: DUTY CYCLE

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
BLE 1M	2.09	2.151	0.9716	97.16	0.12	0.48	1
BLE 2M	1.055	1.115	0.9462	94.62	0.24	0.95	1

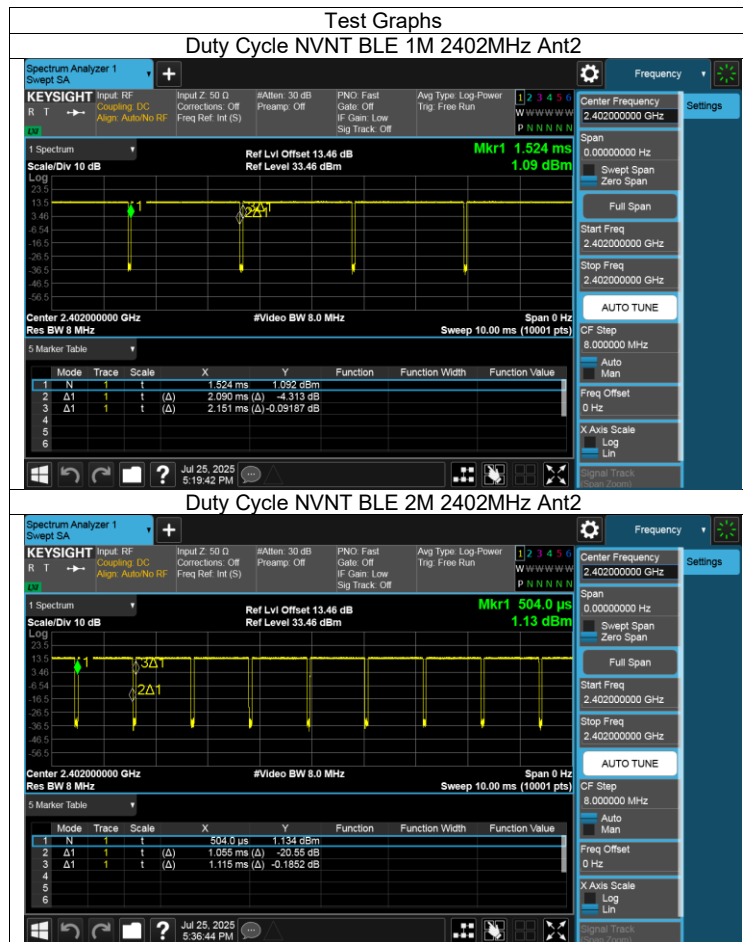
Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

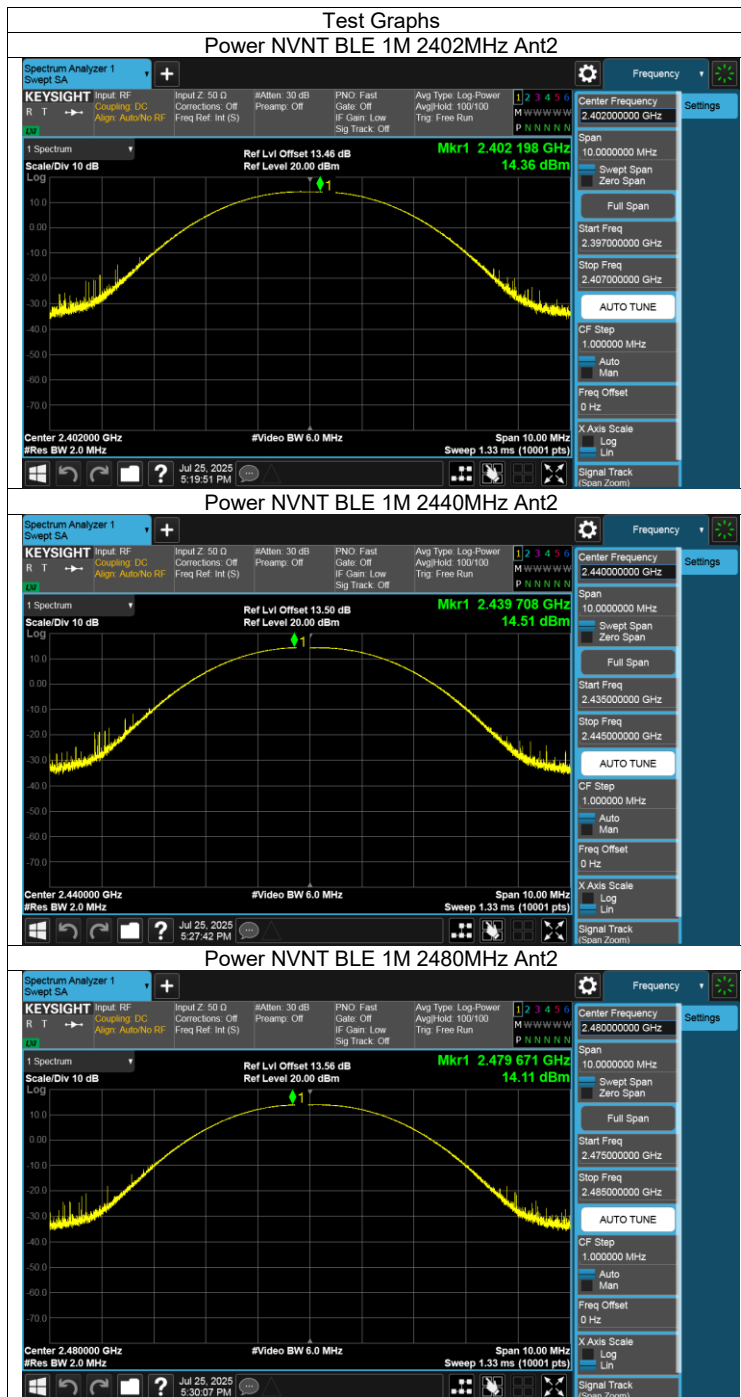
Where: T is On Time

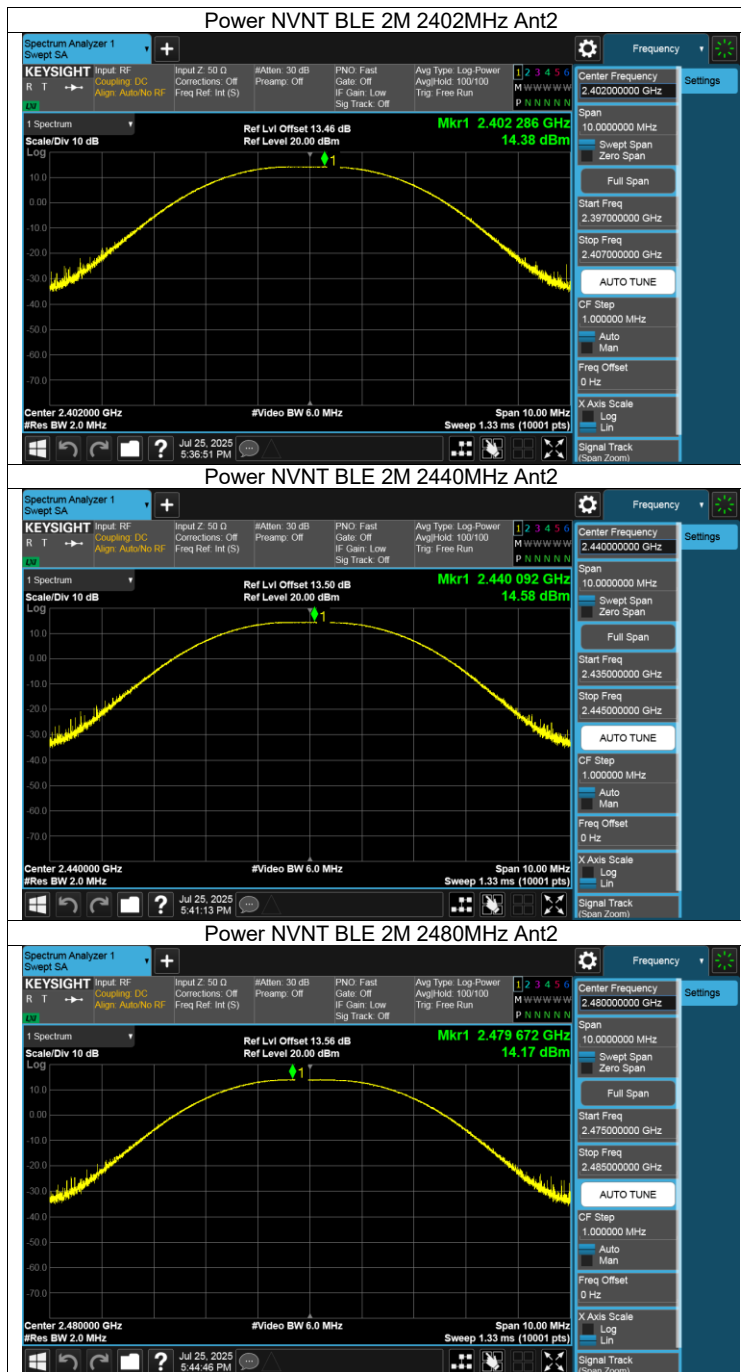
If that calculated VBW is not available on the analyzer then the next higher value should be used.



12.2. APPENDIX B2: MAXIMUM CONDUCTED OUTPUT POWER

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant2	14.36	≤30	Pass
NVNT	BLE 1M	2440	Ant2	14.51	≤30	Pass
NVNT	BLE 1M	2480	Ant2	14.11	≤30	Pass
NVNT	BLE 2M	2402	Ant2	14.38	≤30	Pass
NVNT	BLE 2M	2440	Ant2	14.58	≤30	Pass
NVNT	BLE 2M	2480	Ant2	14.17	≤30	Pass





12.3. APPENDIX C2: -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1M	2402	Ant2	0.673	≥0.5	Pass
NVNT	BLE 1M	2440	Ant2	0.667	≥0.5	Pass
NVNT	BLE 1M	2480	Ant2	0.699	≥0.5	Pass
NVNT	BLE 2M	2402	Ant2	1.074	≥0.5	Pass
NVNT	BLE 2M	2440	Ant2	1.11	≥0.5	Pass
NVNT	BLE 2M	2480	Ant2	1.111	≥0.5	Pass

12.4. APPENDIX D2: OCCUPIED CHANNEL BANDWIDTH

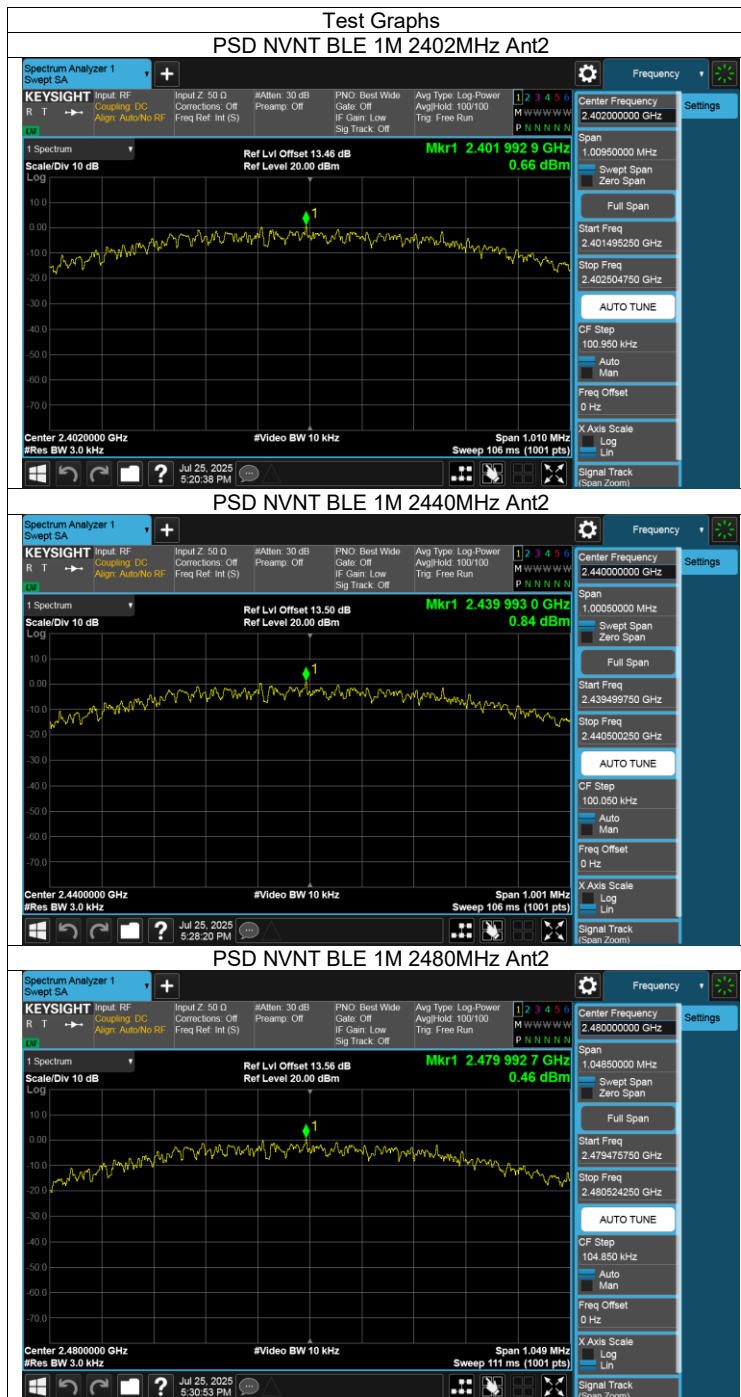
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant2	1.036
NVNT	BLE 1M	2440	Ant2	1.036
NVNT	BLE 1M	2480	Ant2	1.032
NVNT	BLE 2M	2402	Ant2	2.059
NVNT	BLE 2M	2440	Ant2	2.044
NVNT	BLE 2M	2480	Ant2	2.067

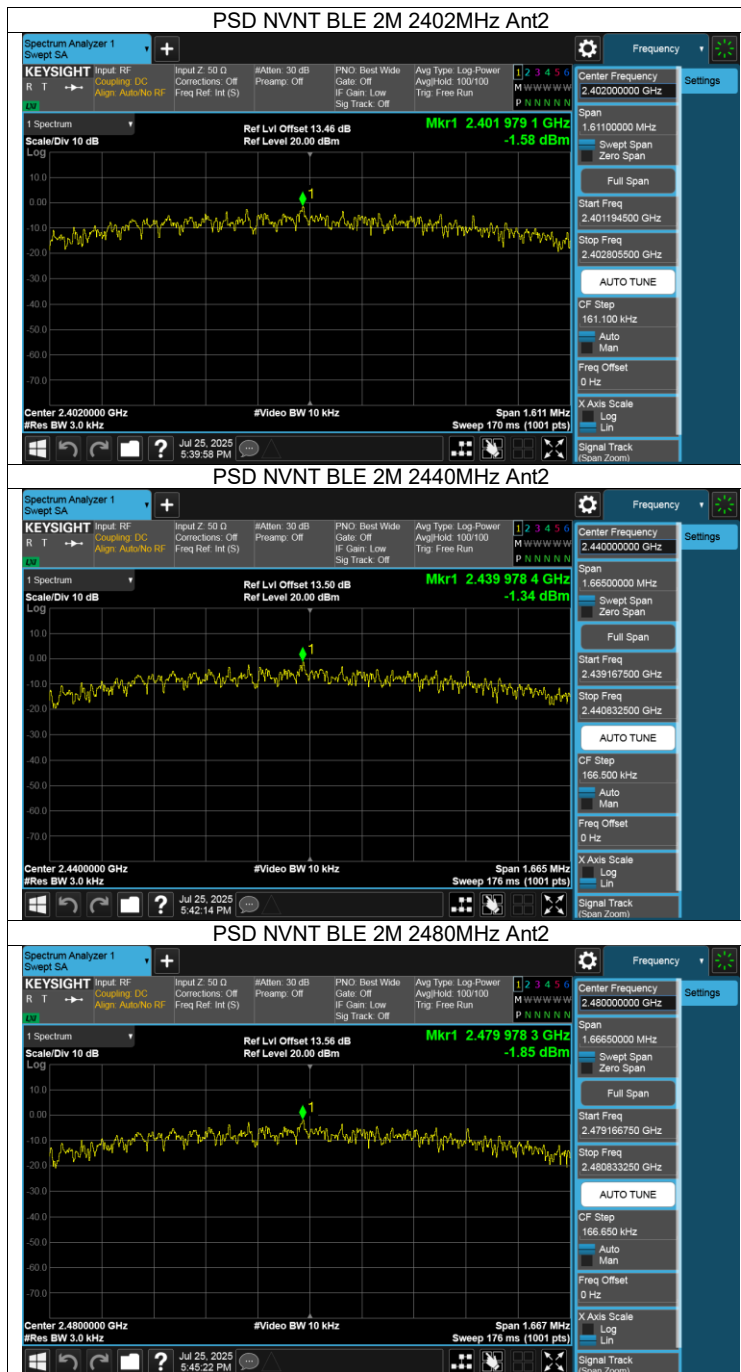




12.5. APPENDIX E2: MAXIMUM POWER SPECTRAL DENSITY LEVEL

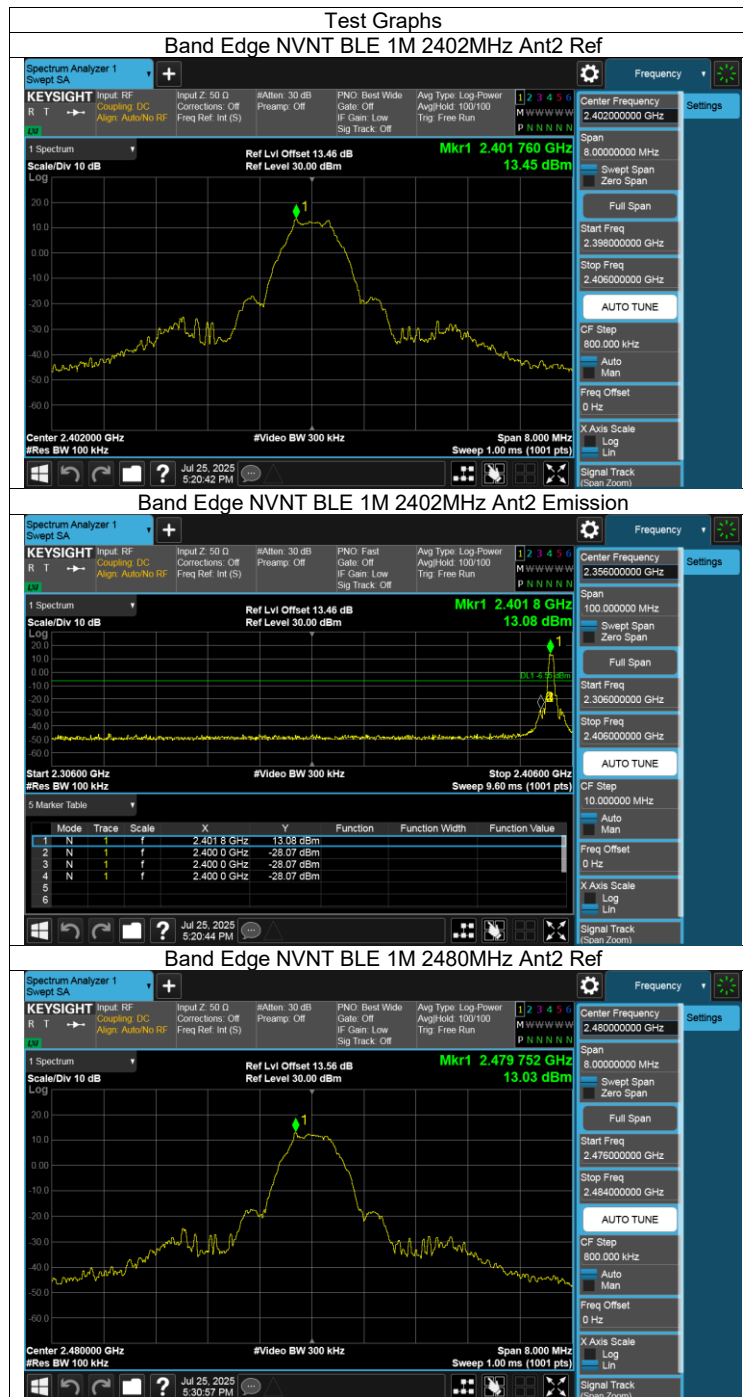
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE 1M	2402	Ant2	0.66	≤8	Pass
NVNT	BLE 1M	2440	Ant2	0.84	≤8	Pass
NVNT	BLE 1M	2480	Ant2	0.46	≤8	Pass
NVNT	BLE 2M	2402	Ant2	-1.58	≤8	Pass
NVNT	BLE 2M	2440	Ant2	-1.34	≤8	Pass
NVNT	BLE 2M	2480	Ant2	-1.85	≤8	Pass



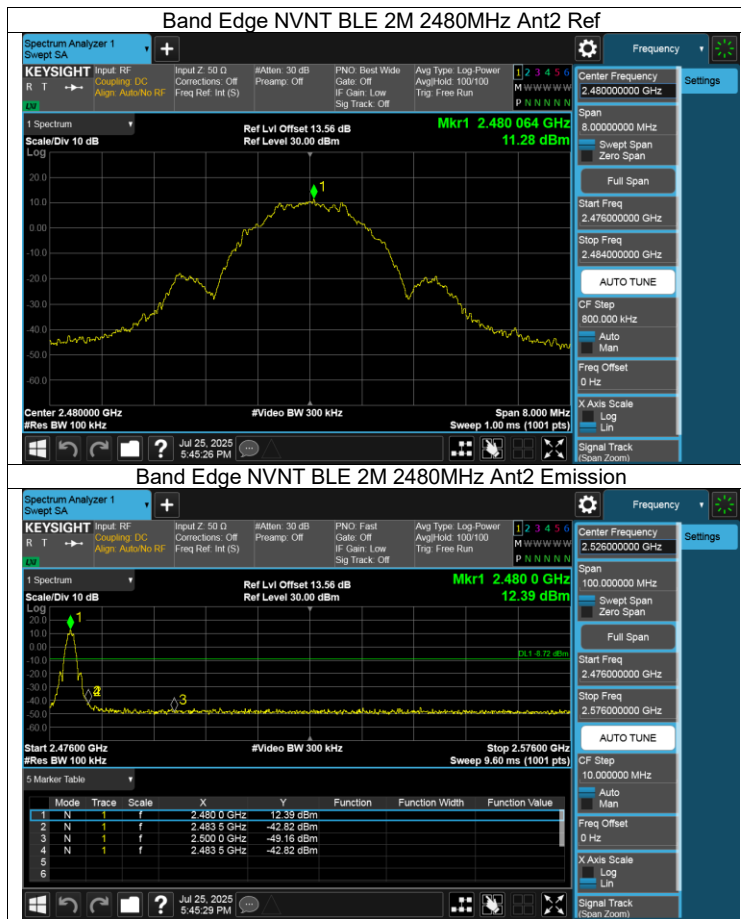


12.6. APPENDIX F2: BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant2	-41.51	-20	Pass
NVNT	BLE 1M	2480	Ant2	-55.01	-20	Pass
NVNT	BLE 2M	2402	Ant2	-31.97	-20	Pass
NVNT	BLE 2M	2480	Ant2	-54.1	-20	Pass

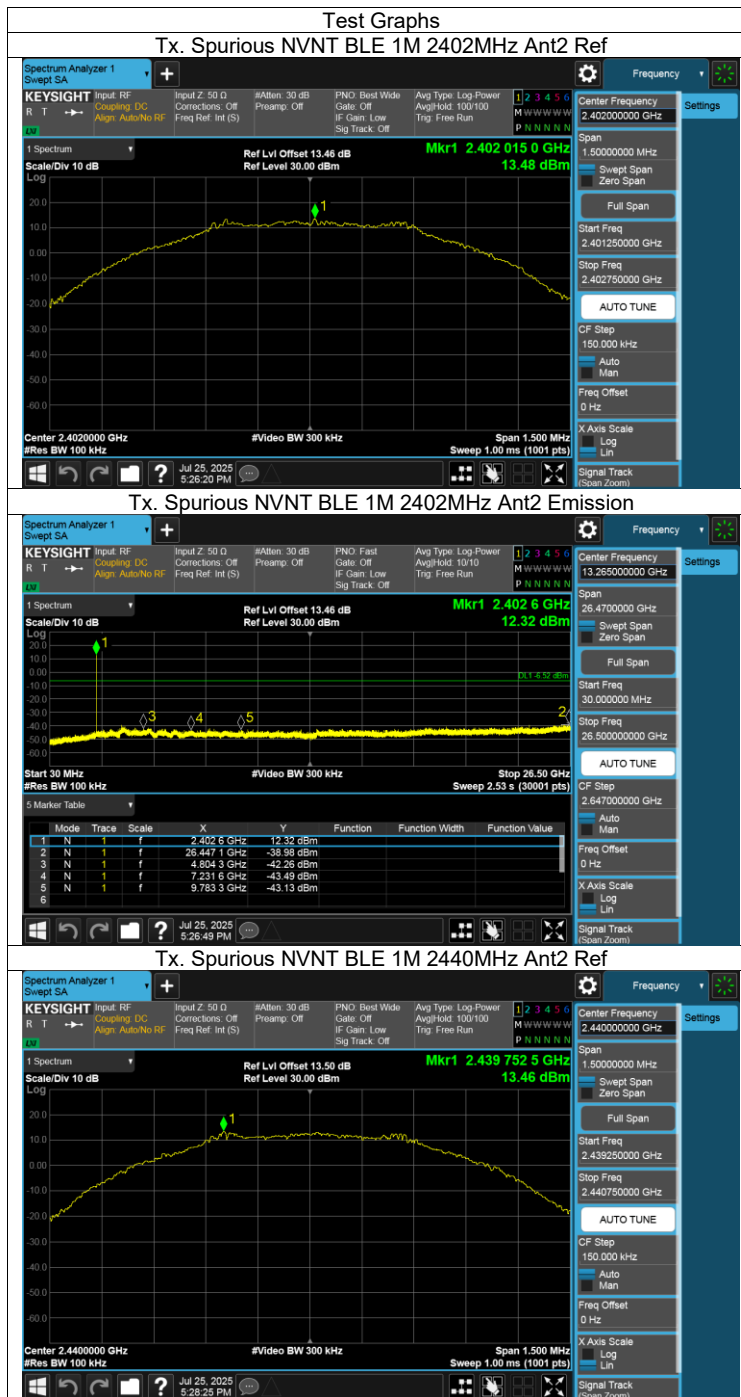




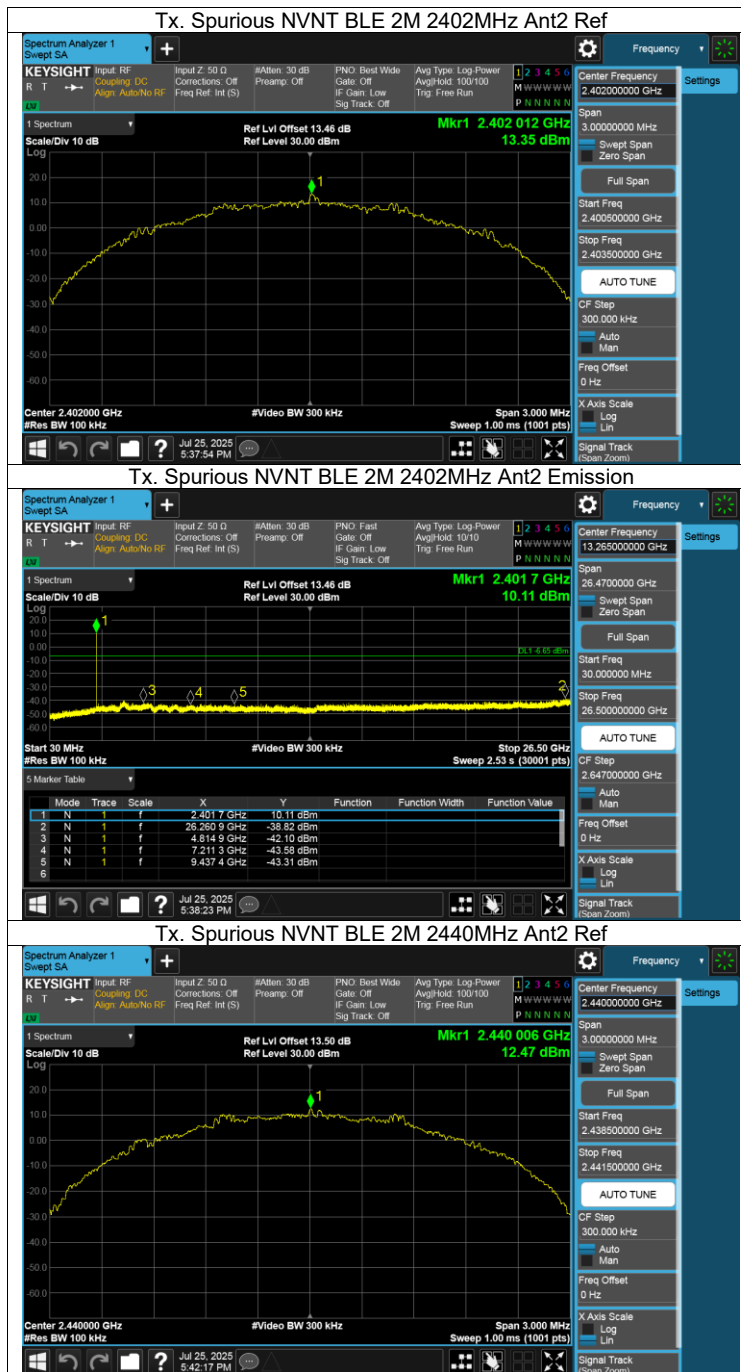


12.7. APPENDIX G2: CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant2	-52.46	-20	Pass
NVNT	BLE 1M	2440	Ant2	-51.37	-20	Pass
NVNT	BLE 1M	2480	Ant2	-51.07	-20	Pass
NVNT	BLE 2M	2402	Ant2	-52.16	-20	Pass
NVNT	BLE 2M	2440	Ant2	-51.52	-20	Pass
NVNT	BLE 2M	2480	Ant2	-50.87	-20	Pass









END OF REPORT