

Appendix G1: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	2.15	0.9721	97.21	0.12	0.48	1
BLE_2M	1.06	1.12	0.9464	94.64	0.24	0.94	1

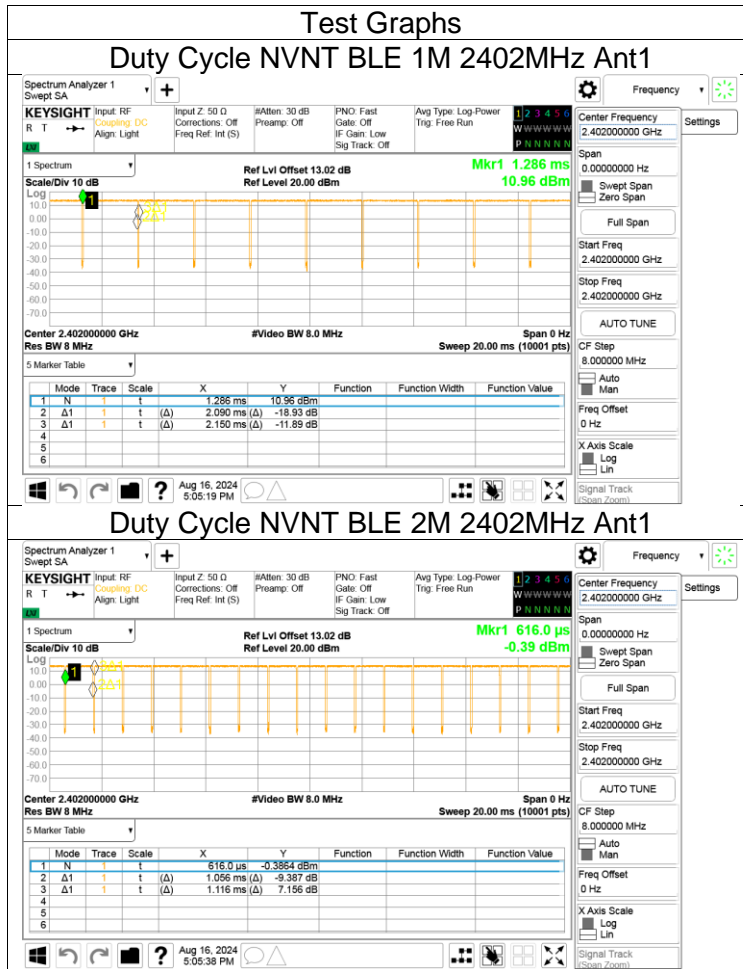
Note:

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

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.

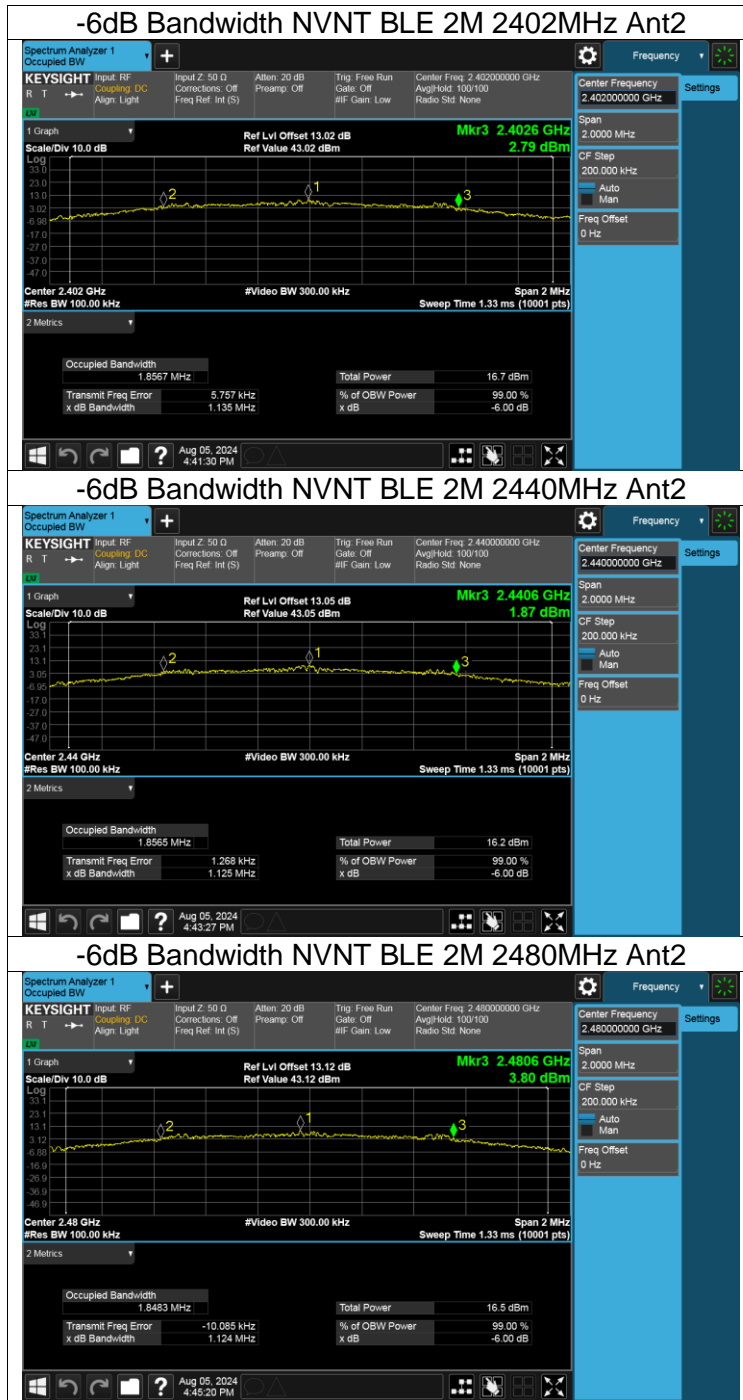


11.2. TEAT DATA FOR ANT2

Appendix A2: -6dB Bandwidth

Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
BLE 1M	2402	Ant2	0.66	≥0.5	Pass
BLE 1M	2440	Ant2	0.67	≥0.5	Pass
BLE 1M	2480	Ant2	0.68	≥0.5	Pass
BLE 2M	2402	Ant2	1.14	≥0.5	Pass
BLE 2M	2440	Ant2	1.12	≥0.5	Pass
BLE 2M	2480	Ant2	1.12	≥0.5	Pass

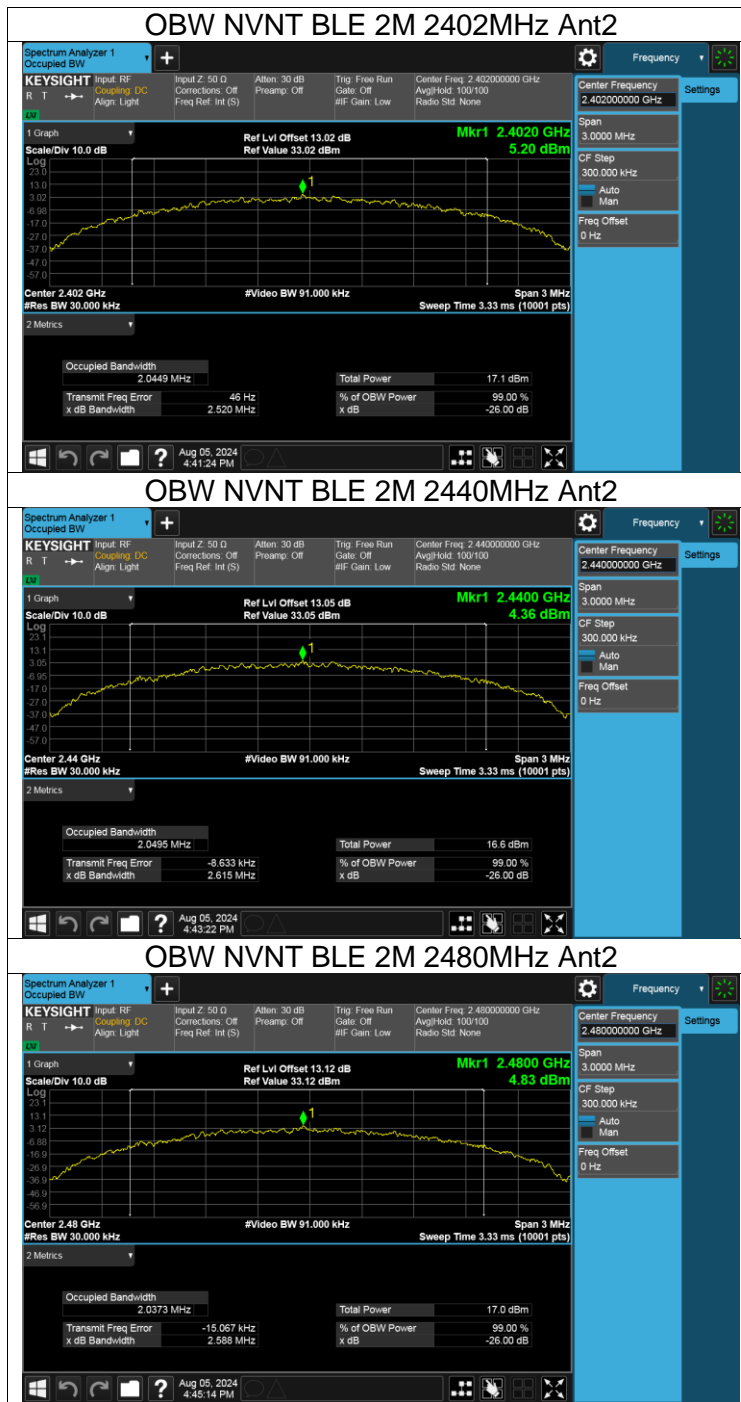




Appendix B2:Occupied Channel Bandwidth

Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
BLE 1M	2402	Ant2	1.041
BLE 1M	2440	Ant2	1.036
BLE 1M	2480	Ant2	1.032
BLE 2M	2402	Ant2	2.045
BLE 2M	2440	Ant2	2.05
BLE 2M	2480	Ant2	2.037



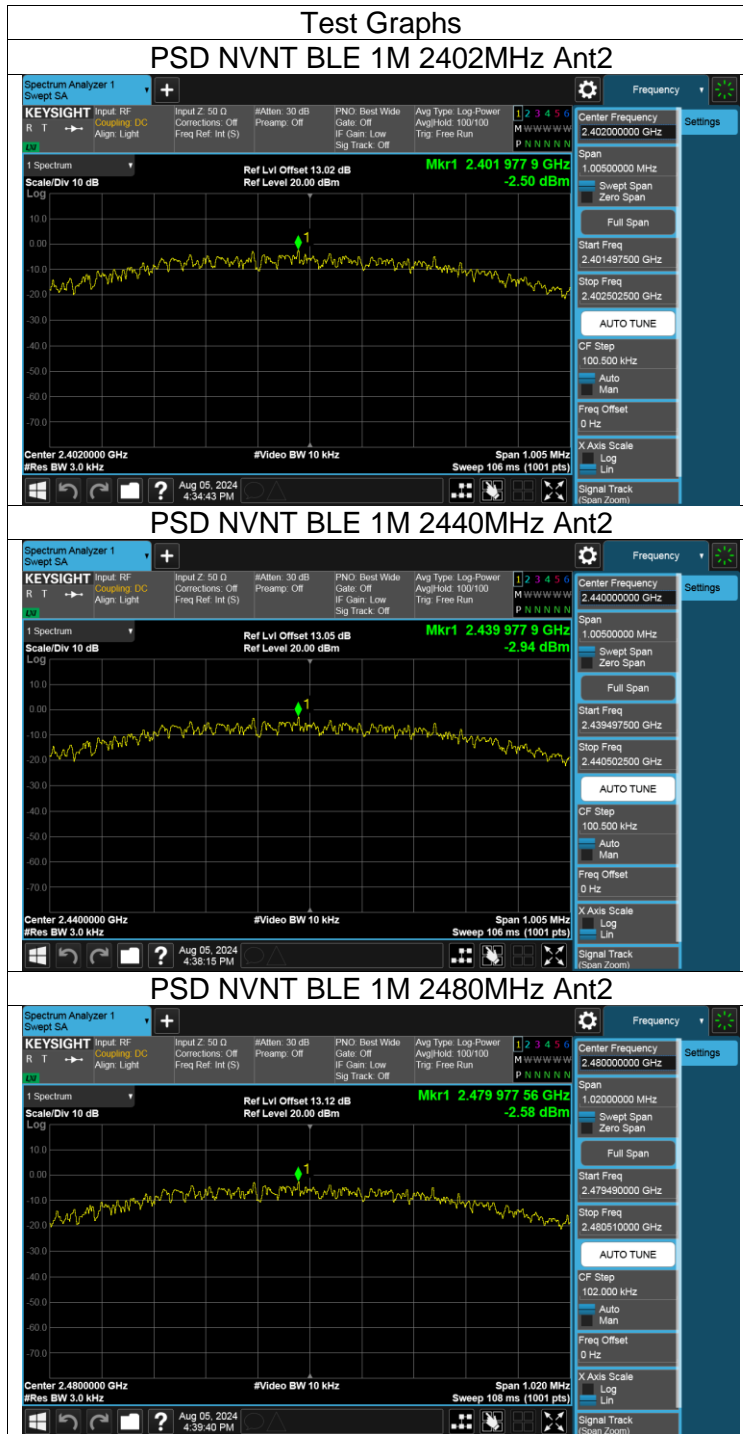


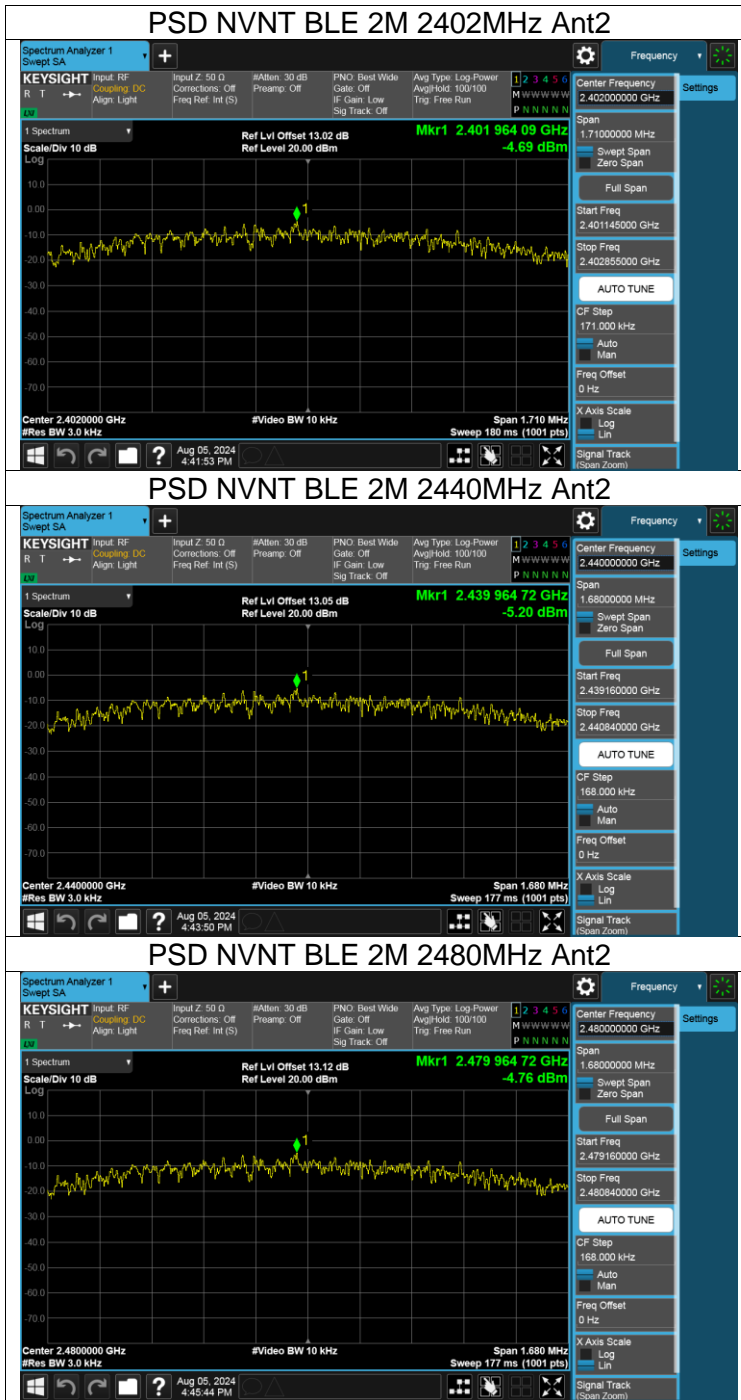
Appendix C2:Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
BLE 1M	2402	Ant2	11.4	≤30	Pass
BLE 1M	2440	Ant2	10.86	≤30	Pass
BLE 1M	2480	Ant2	11.4	≤30	Pass
BLE 2M	2402	Ant2	11.45	≤30	Pass
BLE 2M	2440	Ant2	10.9	≤30	Pass
BLE 2M	2480	Ant2	11.43	≤30	Pass

Appendix D2:Maximum Power Spectral Density Level

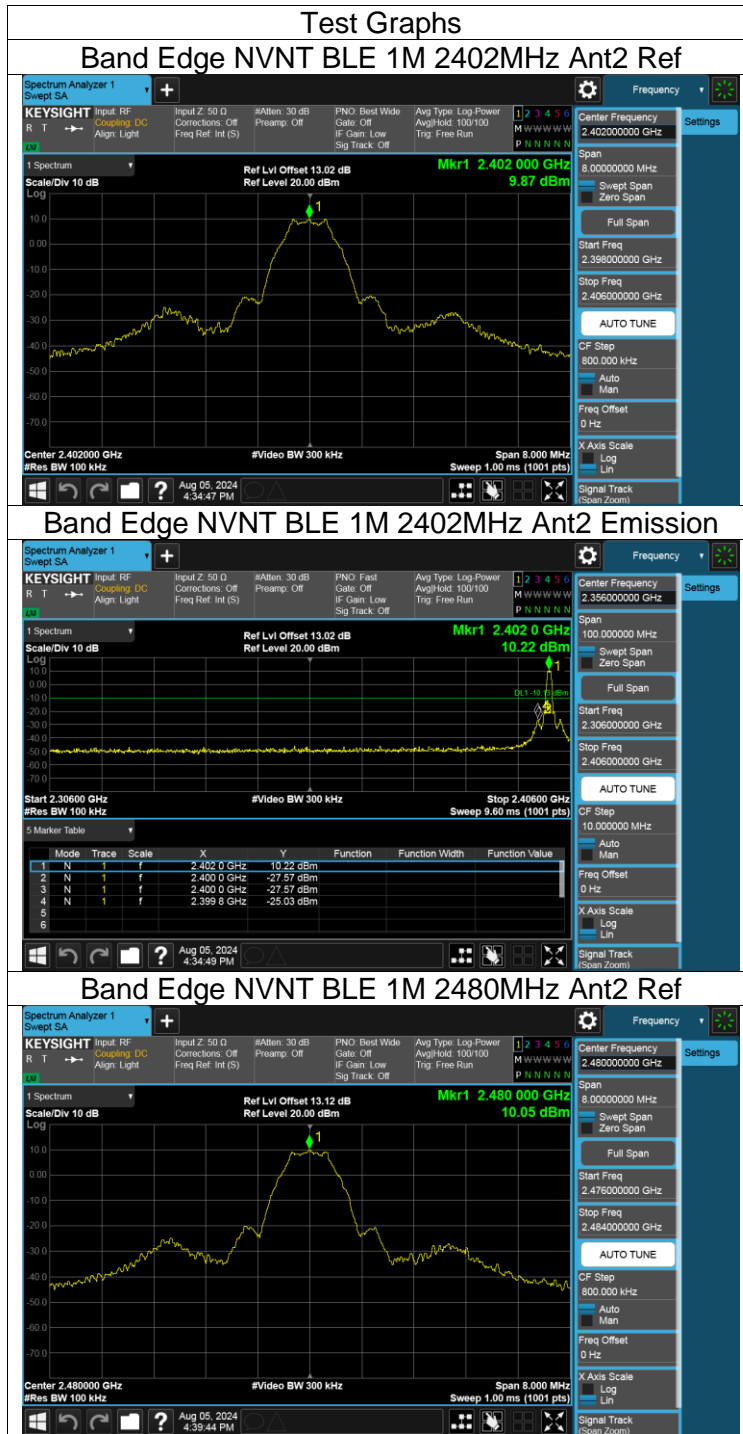
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
BLE 1M	2402	Ant2	-2.5	≤8	Pass
BLE 1M	2440	Ant2	-2.94	≤8	Pass
BLE 1M	2480	Ant2	-2.58	≤8	Pass
BLE 2M	2402	Ant2	-4.69	≤8	Pass
BLE 2M	2440	Ant2	-5.2	≤8	Pass
BLE 2M	2480	Ant2	-4.76	≤8	Pass

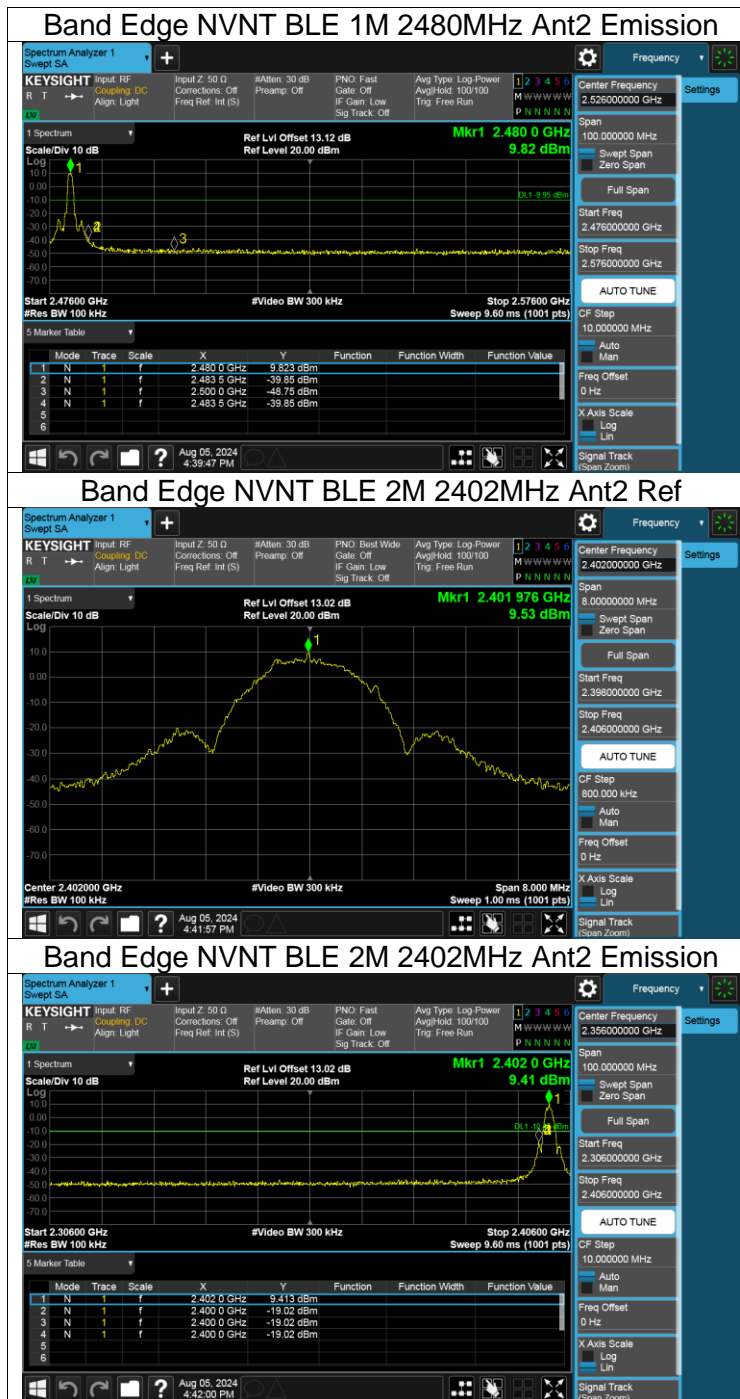


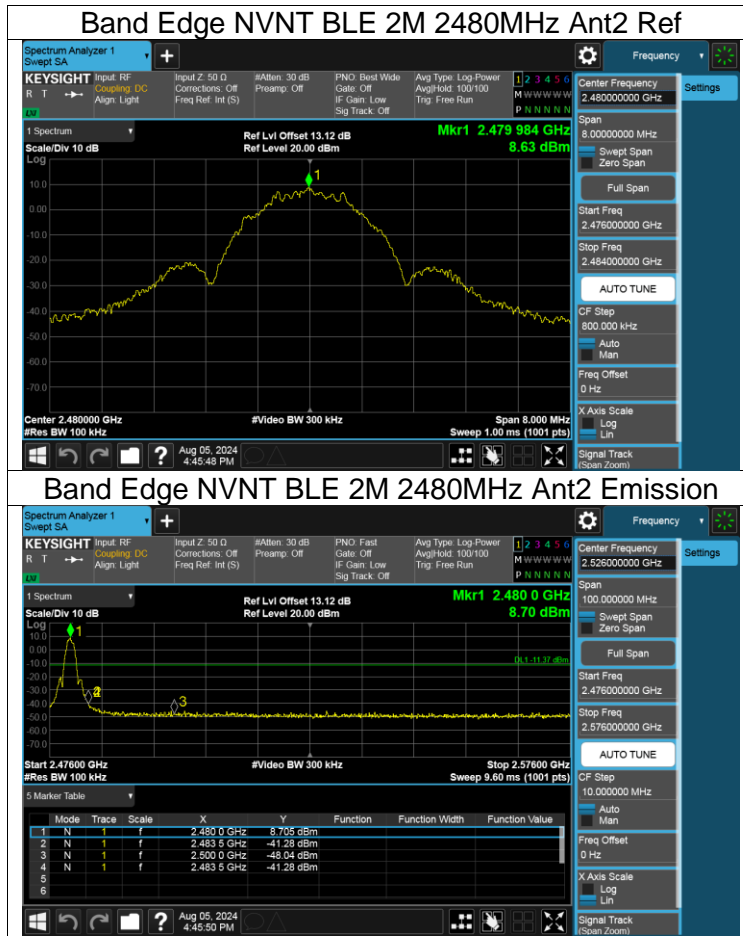


Appendix E2: Band Edge

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	Ant2	-34.89	-20	Pass
BLE 1M	2480	Ant2	-49.9	-20	Pass
BLE 2M	2402	Ant2	-28.55	-20	Pass
BLE 2M	2480	Ant2	-49.91	-20	Pass

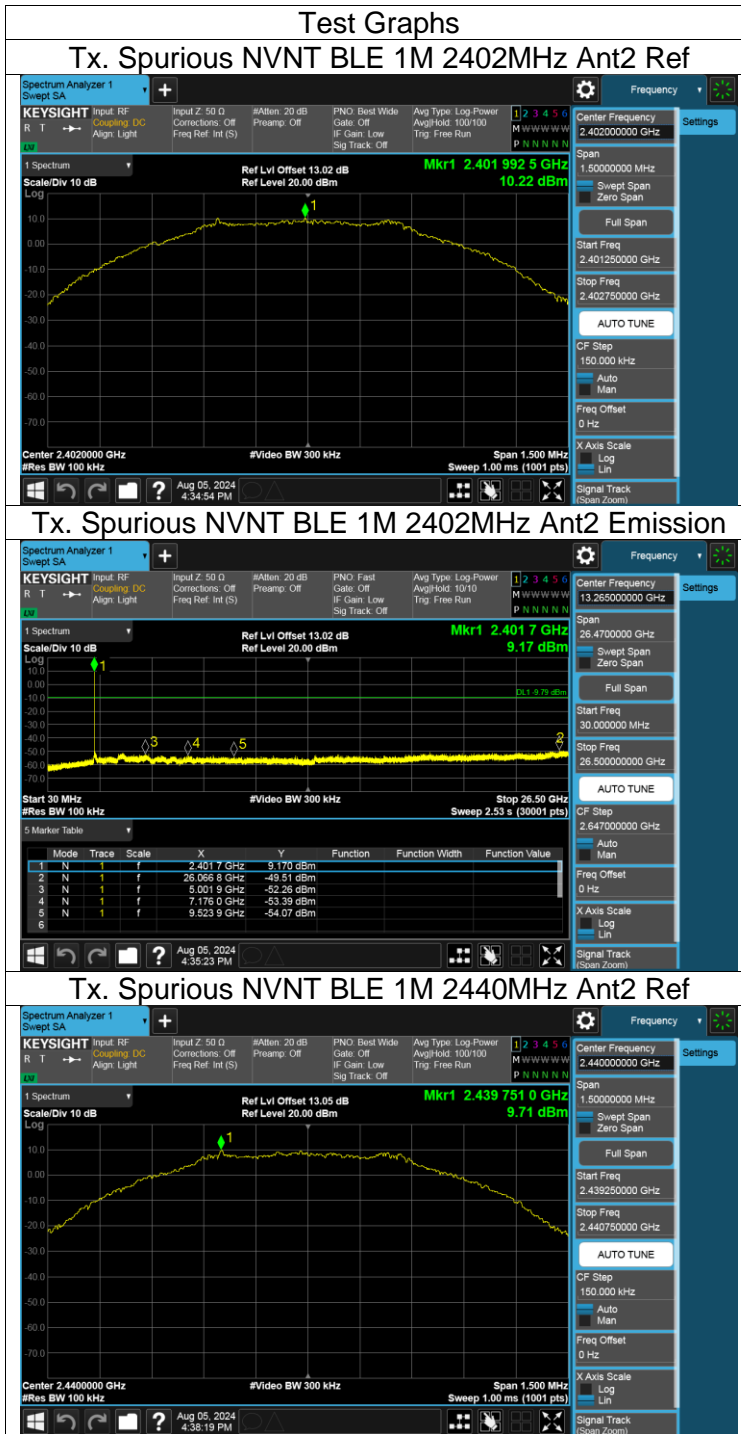




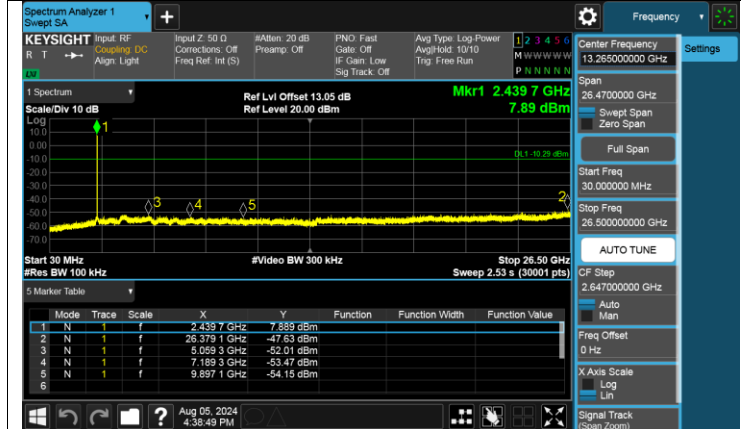


Appendix F2: Conducted RF Spurious Emission

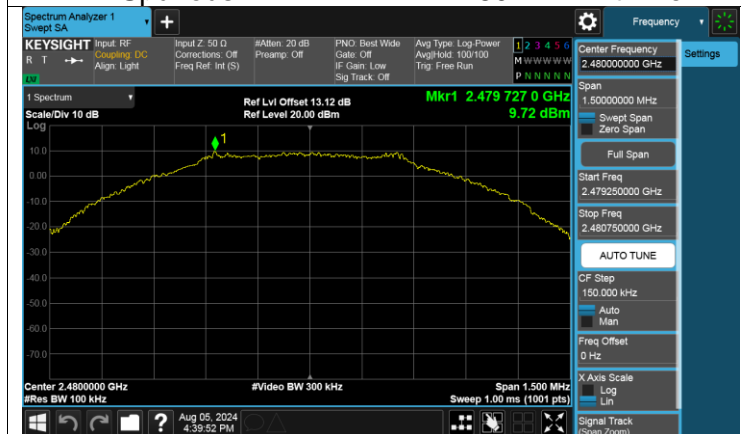
Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
BLE 1M	2402	Ant2	-59.72	-20	Pass
BLE 1M	2440	Ant2	-57.33	-20	Pass
BLE 1M	2480	Ant2	-57.83	-20	Pass
BLE 2M	2402	Ant2	-58.34	-20	Pass
BLE 2M	2440	Ant2	-57.45	-20	Pass
BLE 2M	2480	Ant2	-58.33	-20	Pass



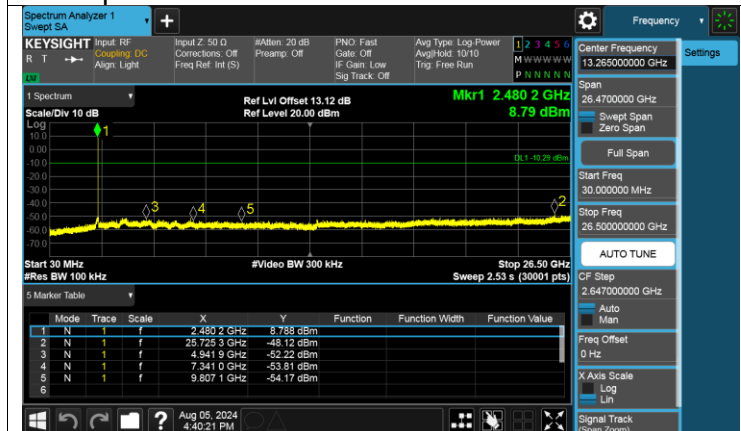
Tx. Spurious NVNT BLE 1M 2440MHz Ant2 Emission

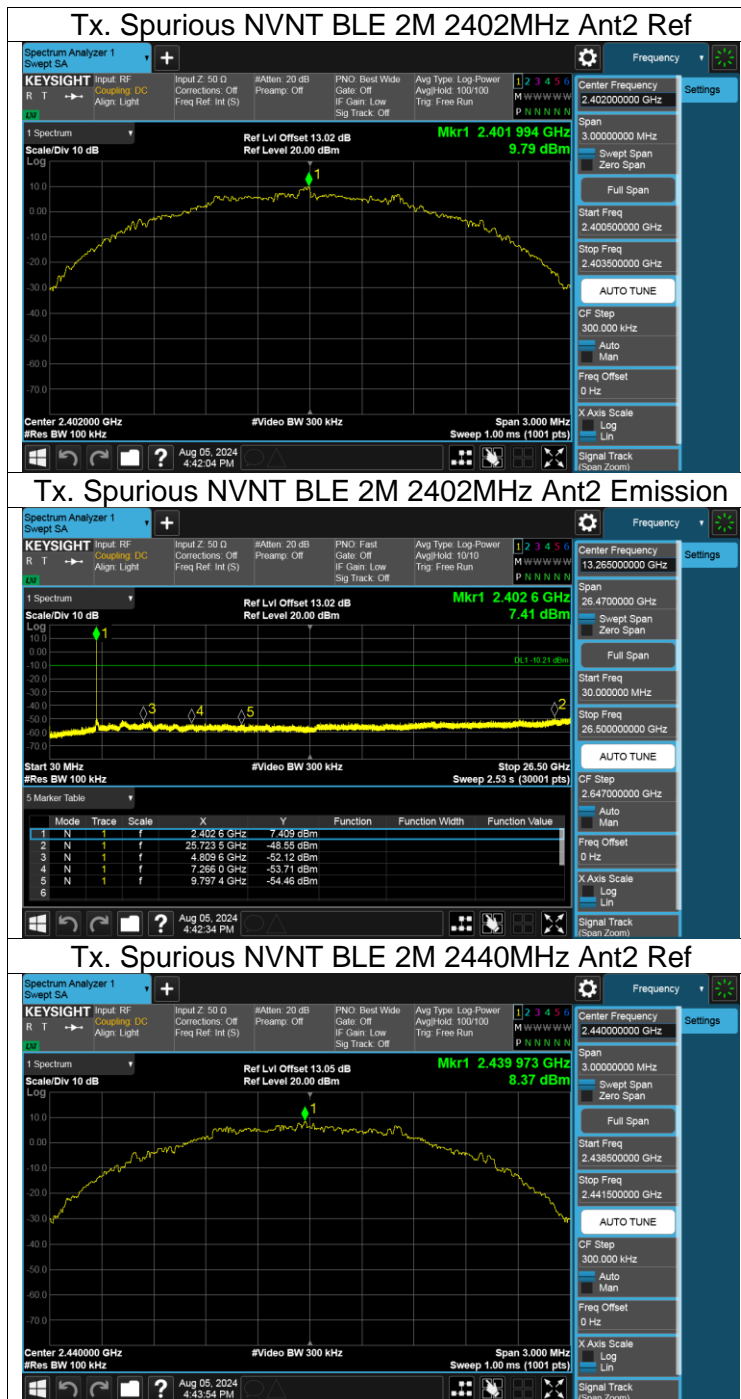


Tx. Spurious NVNT BLE 1M 2480MHz Ant2 Ref



Tx. Spurious NVNT BLE 1M 2480MHz Ant2 Emission

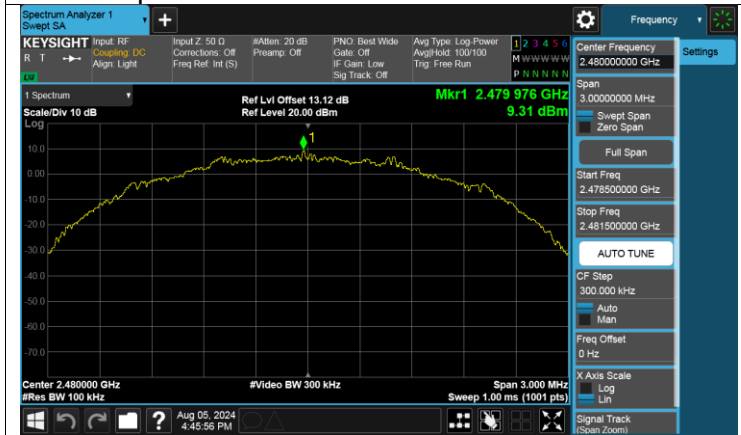




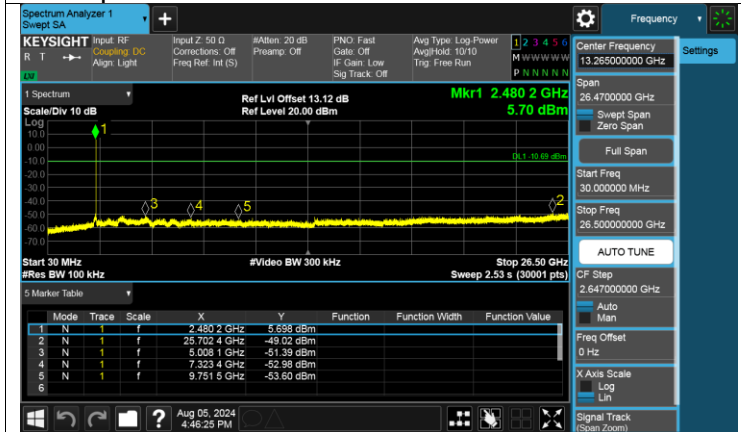
Tx. Spurious NVNT BLE 2M 2440MHz Ant2 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant2 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant2 Emission



Appendix G2: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	2.15	0.9721	97.21	0.12	0.48	1
BLE_2M	1.05	1.11	0.9459	94.59	0.24	0.95	1

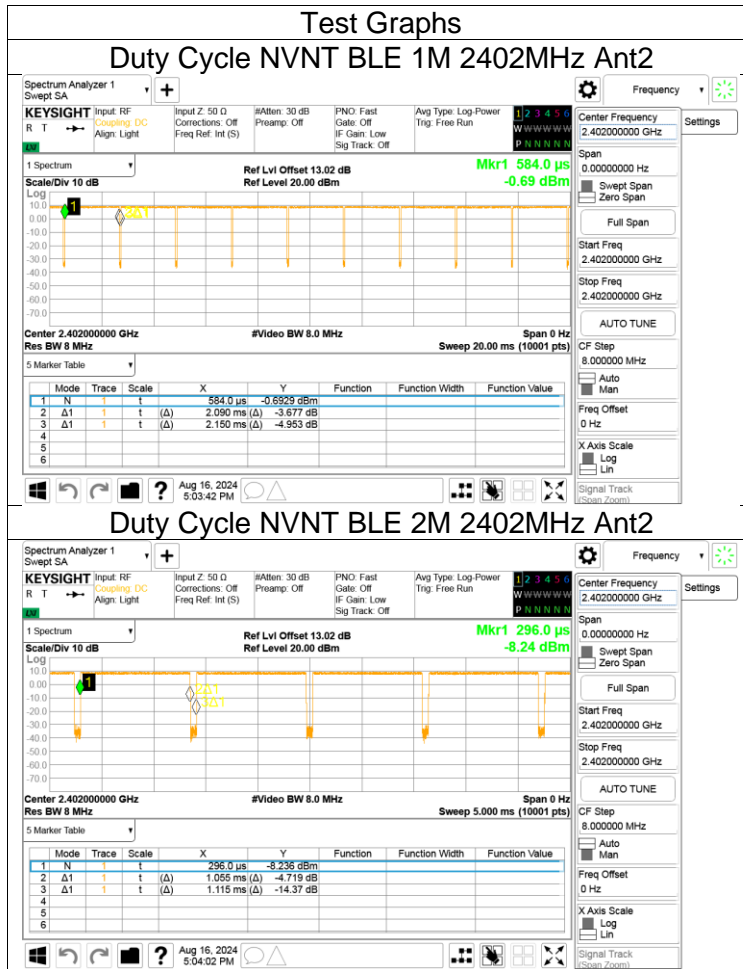
Note:

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

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.



END OF REPORT