

Appendix G1:Duty Cycle

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Final setting For VBW (kHz)
11B	32.19	32.21	0.9994	99.94	0.00	0.01
11G	5.36	5.38	0.9963	99.63	0.02	0.01
11N20MIMO	4.96	4.99	0.9940	99.40	0.03	0.01
11N40MIMO	2.41	2.43	0.9918	99.18	0.04	0.01
11AX20MIMO	4.97	4.99	0.9960	99.60	0.02	0.01

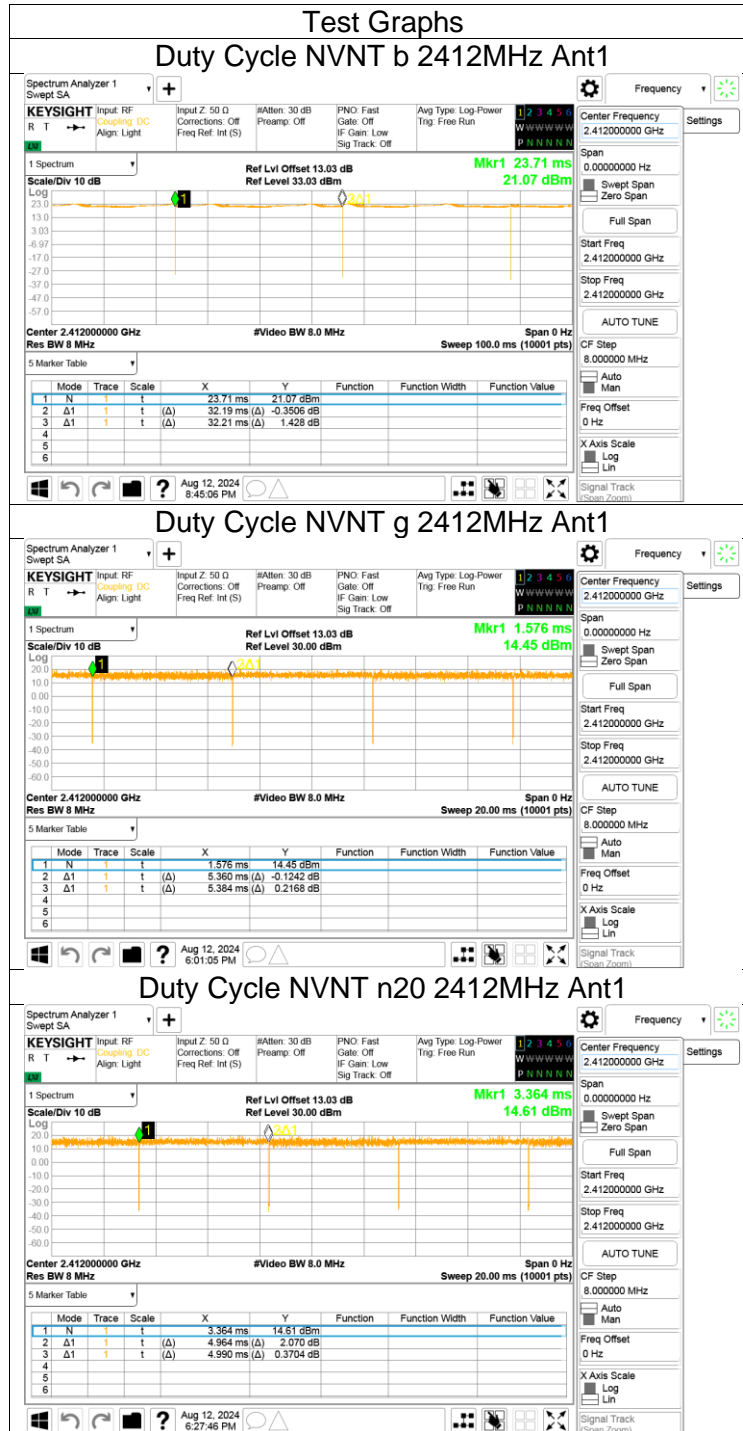
Note:

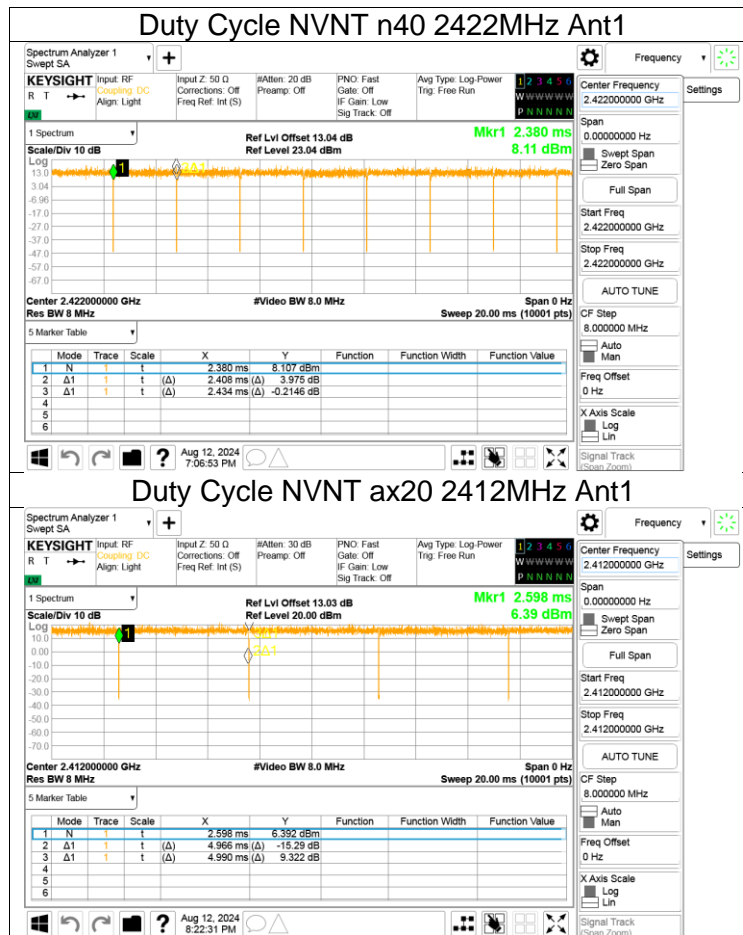
Duty Cycle Correction Factor= $10\log(1/x)$.

Where: x is Duty Cycle (Linear)

Where: T is On Time

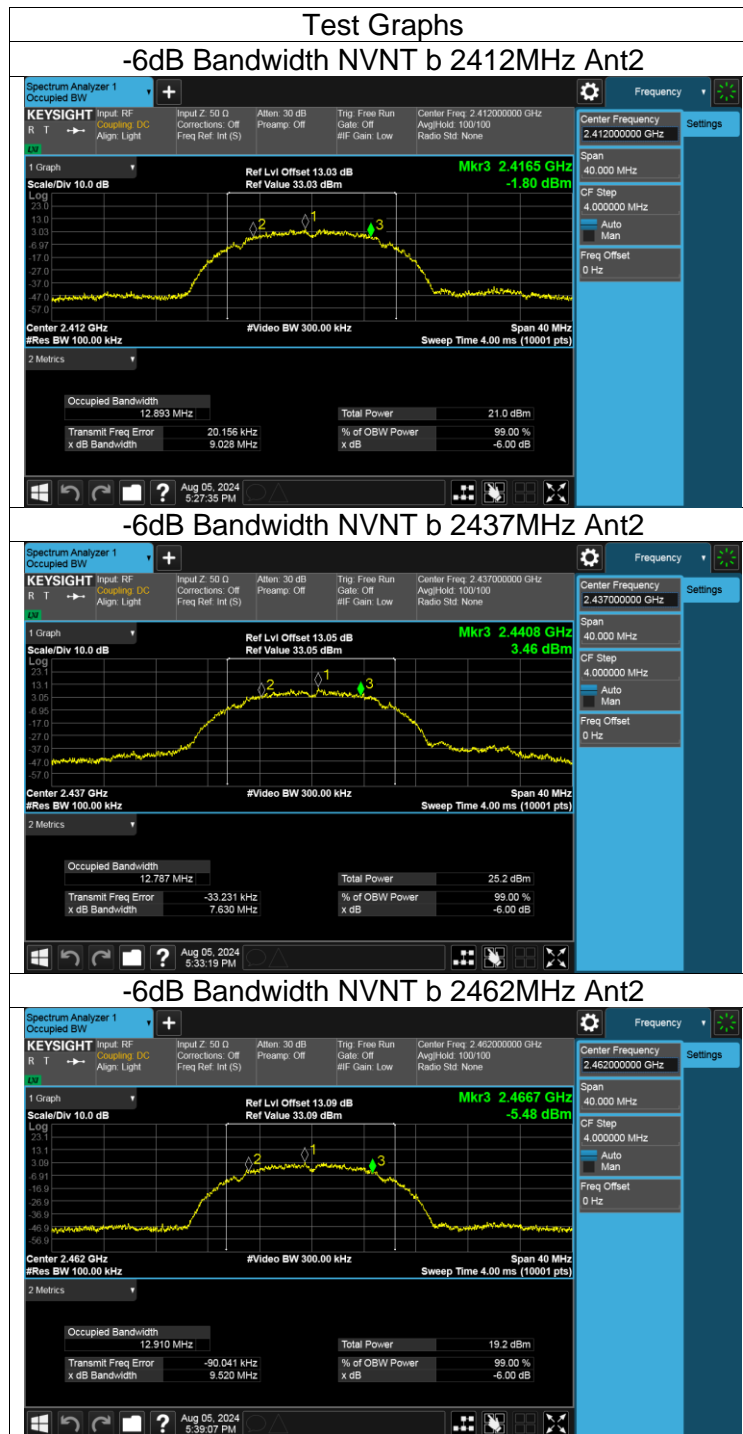
If that calculated VBW is not available on the analyzer then the next higher value should be used.

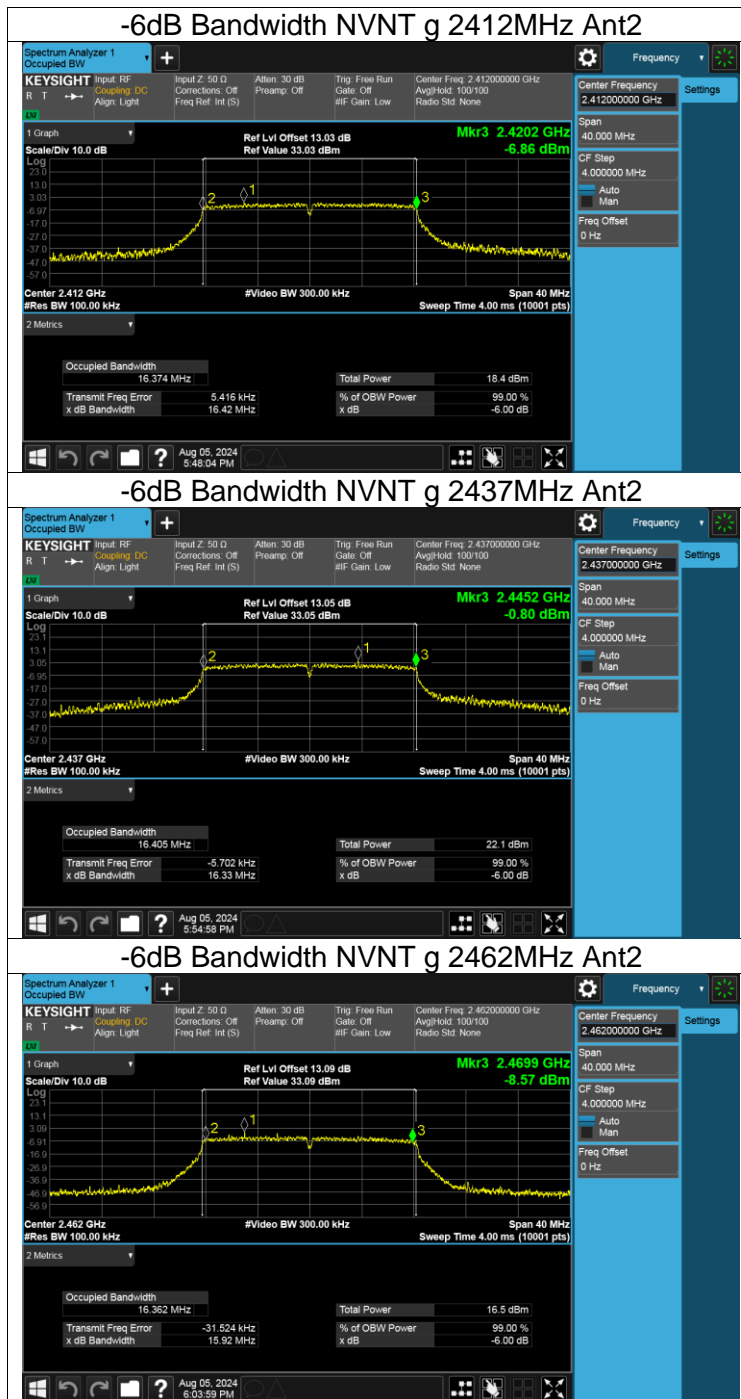


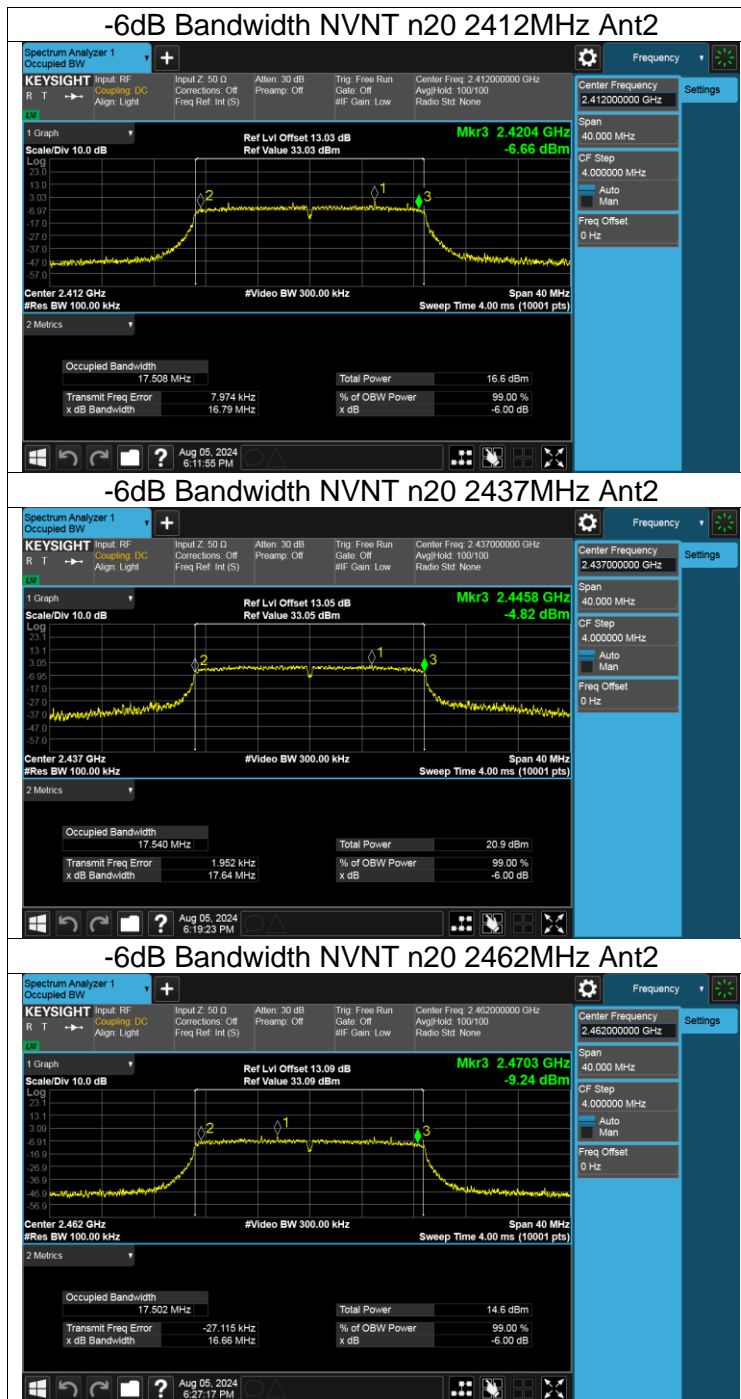


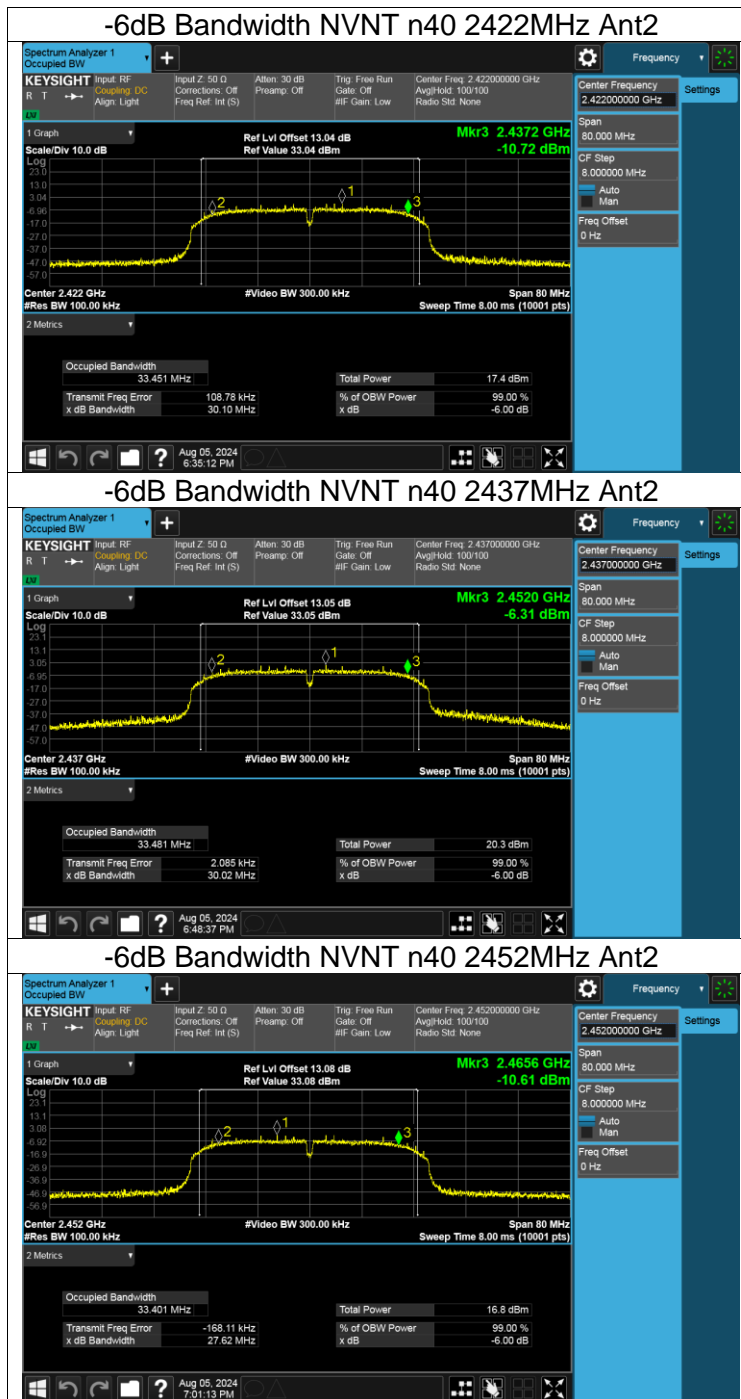
11.2. TEST DATA FOR ANT2**Appendix A2:-6dB Bandwidth**

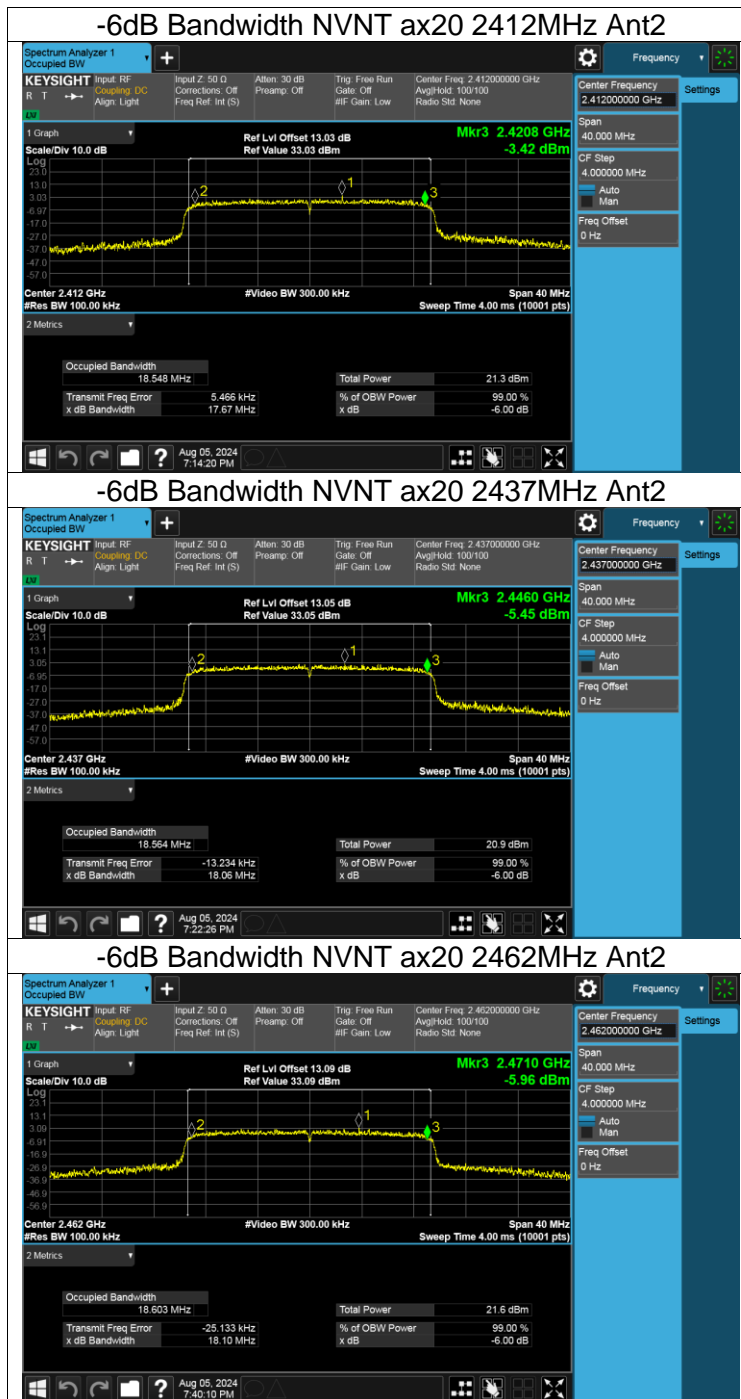
Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
b	2412	Ant2	9.03	≥0.5	Pass
b	2437	Ant2	7.63	≥0.5	Pass
b	2462	Ant2	9.52	≥0.5	Pass
g	2412	Ant2	16.42	≥0.5	Pass
g	2437	Ant2	16.33	≥0.5	Pass
g	2462	Ant2	15.92	≥0.5	Pass
n20	2412	Ant2	16.79	≥0.5	Pass
n20	2437	Ant2	17.64	≥0.5	Pass
n20	2462	Ant2	16.66	≥0.5	Pass
n40	2422	Ant2	30.1	≥0.5	Pass
n40	2437	Ant2	30.02	≥0.5	Pass
n40	2452	Ant2	27.62	≥0.5	Pass
ax20	2412	Ant2	17.67	≥0.5	Pass
ax20	2437	Ant2	18.06	≥0.5	Pass
ax20	2462	Ant2	18.1	≥0.5	Pass









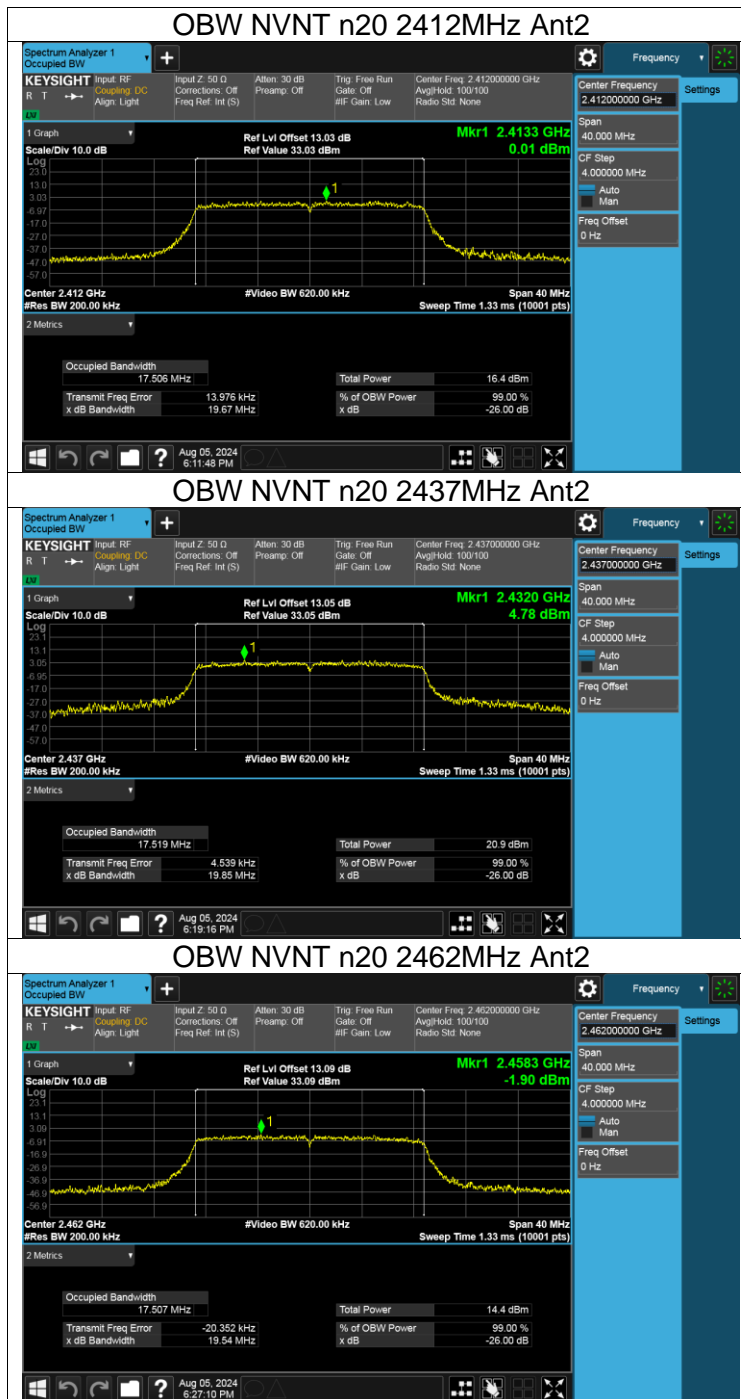


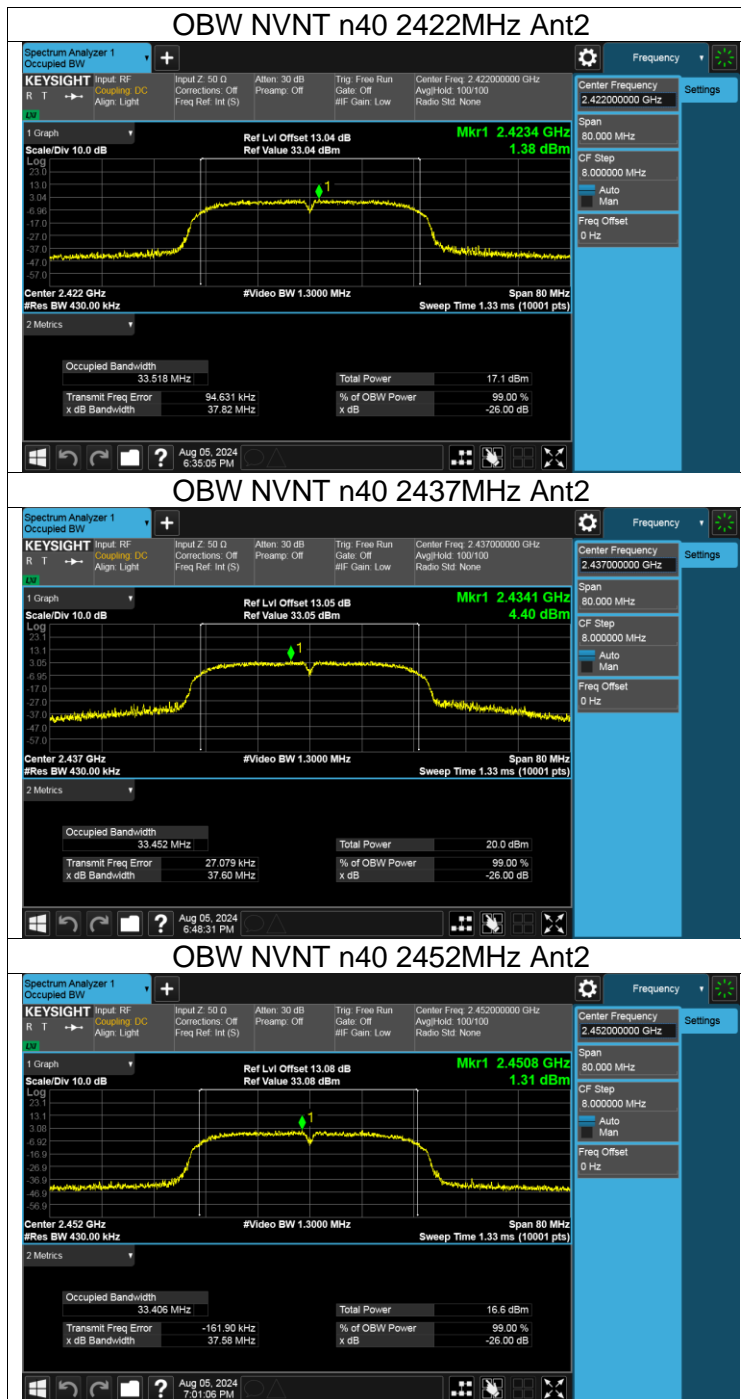
Appendix B2:Occupied Channel Bandwidth

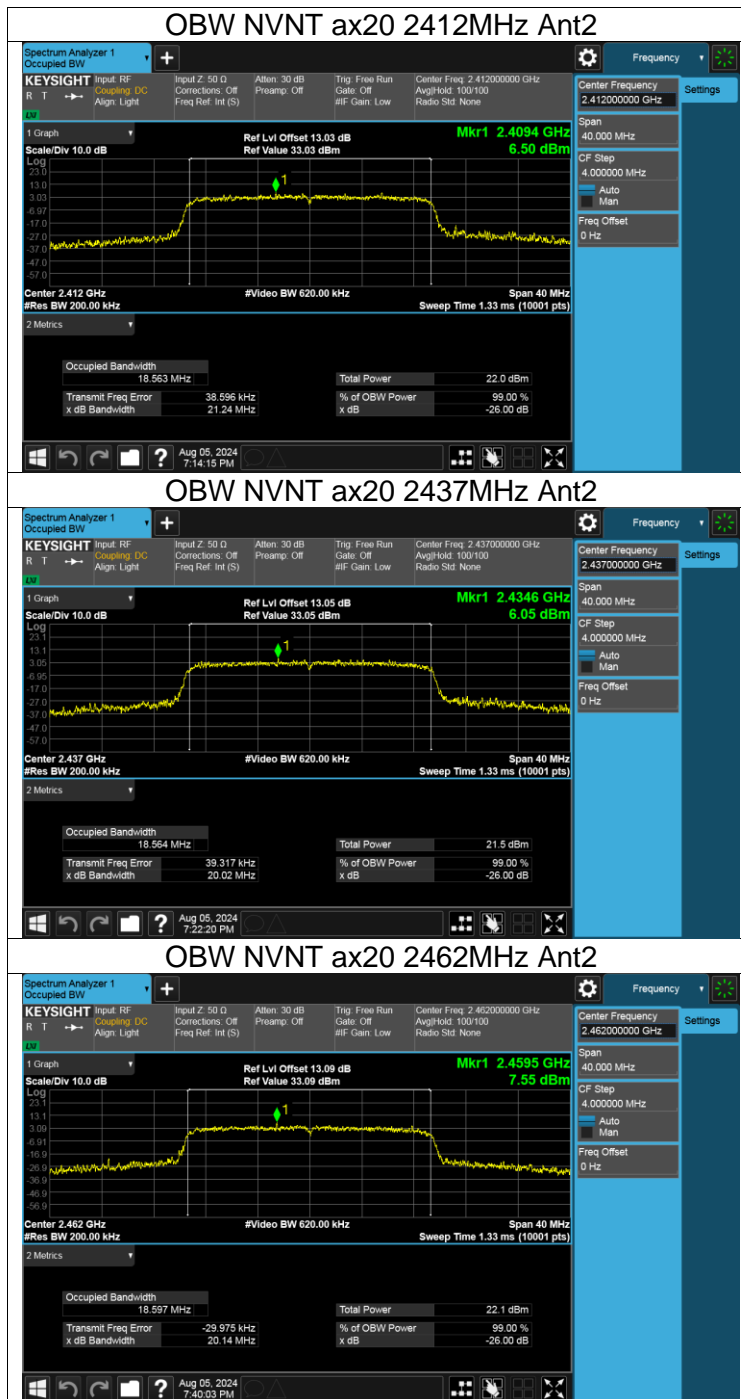
Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
b	2412	Ant2	12.899
b	2437	Ant2	12.846
b	2462	Ant2	12.855
g	2412	Ant2	16.415
g	2437	Ant2	16.508
g	2462	Ant2	16.414
n20	2412	Ant2	17.506
n20	2437	Ant2	17.519
n20	2462	Ant2	17.507
n40	2422	Ant2	33.518
n40	2437	Ant2	33.452
n40	2452	Ant2	33.406
ax20	2412	Ant2	18.563
ax20	2437	Ant2	18.564
ax20	2462	Ant2	18.597











Appendix C2:Maximum Conducted Output Power

Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
b	2412	Ant2	13.92	≤30	Pass
b	2437	Ant2	13.91	≤30	Pass
b	2462	Ant2	14.3	≤30	Pass
g	2412	Ant2	12.91	≤30	Pass
g	2437	Ant2	12.3	≤30	Pass
g	2462	Ant2	12.84	≤30	Pass
n20	2412	Ant2	11.22	≤30	Pass
n20	2437	Ant2	10.99	≤30	Pass
n20	2462	Ant2	11.27	≤30	Pass
n40	2422	Ant2	10.17	≤30	Pass
n40	2437	Ant2	10.05	≤30	Pass
n40	2452	Ant2	10.2	≤30	Pass
ax20	2412	Ant2	14.13	≤30	Pass
ax20	2437	Ant2	13.64	≤30	Pass
ax20	2462	Ant2	13.64	≤30	Pass

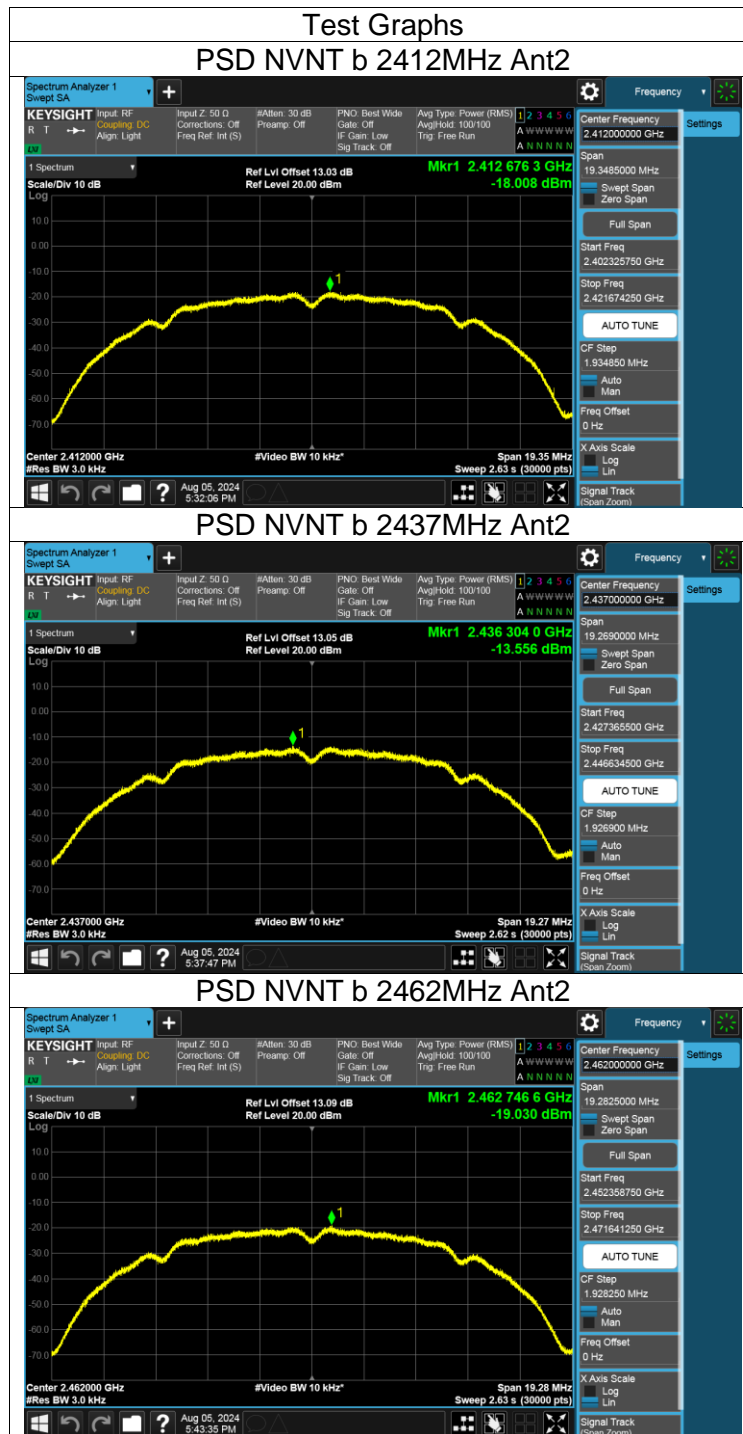
Note: 1. Conducted Power=Meas. Level+ Correction Factor

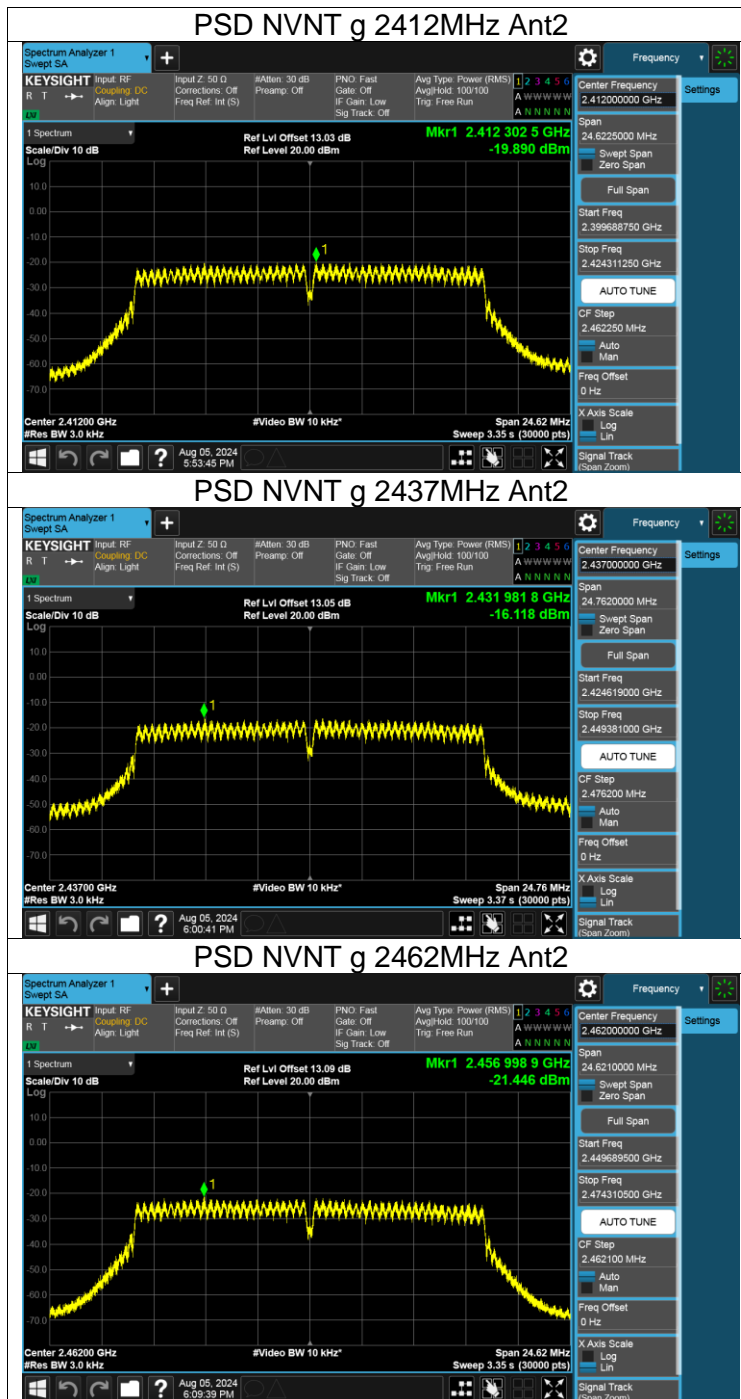
2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

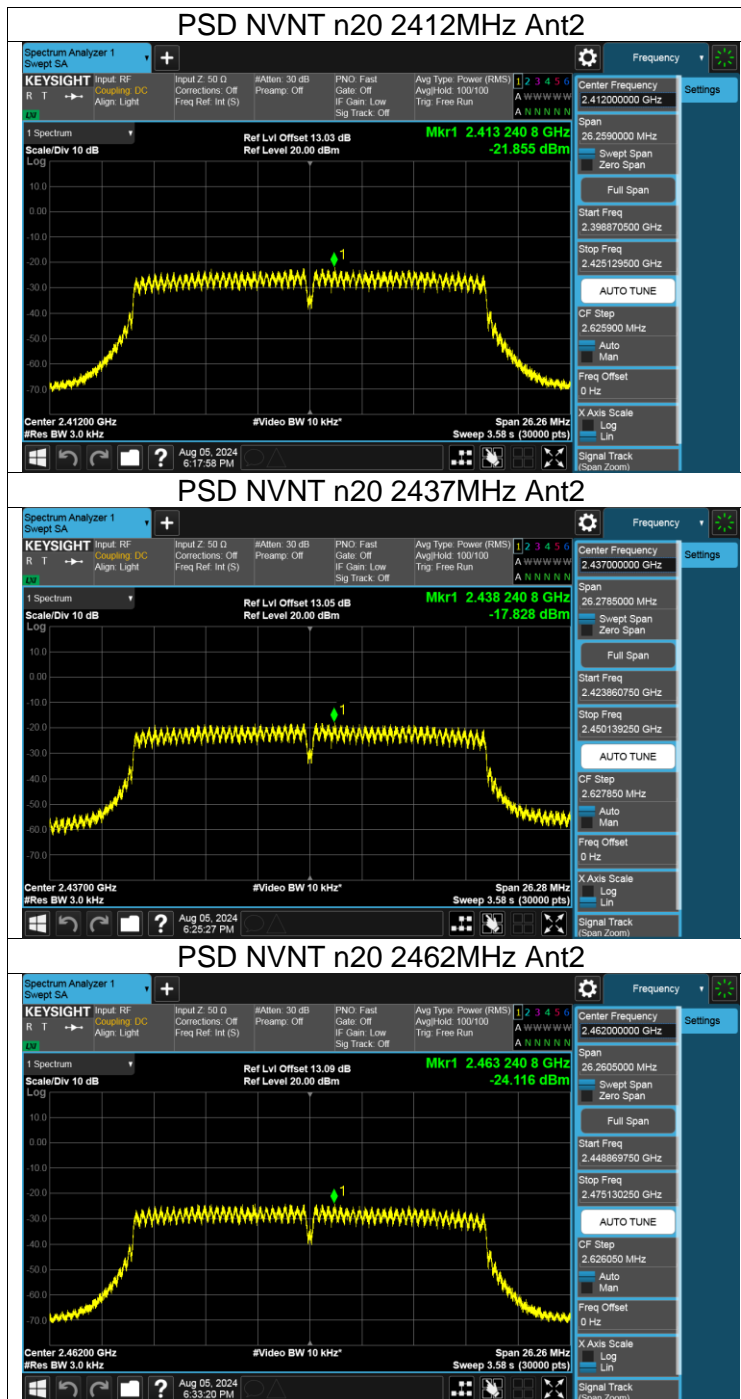
Appendix D2:Maximum Power Spectral Density Level

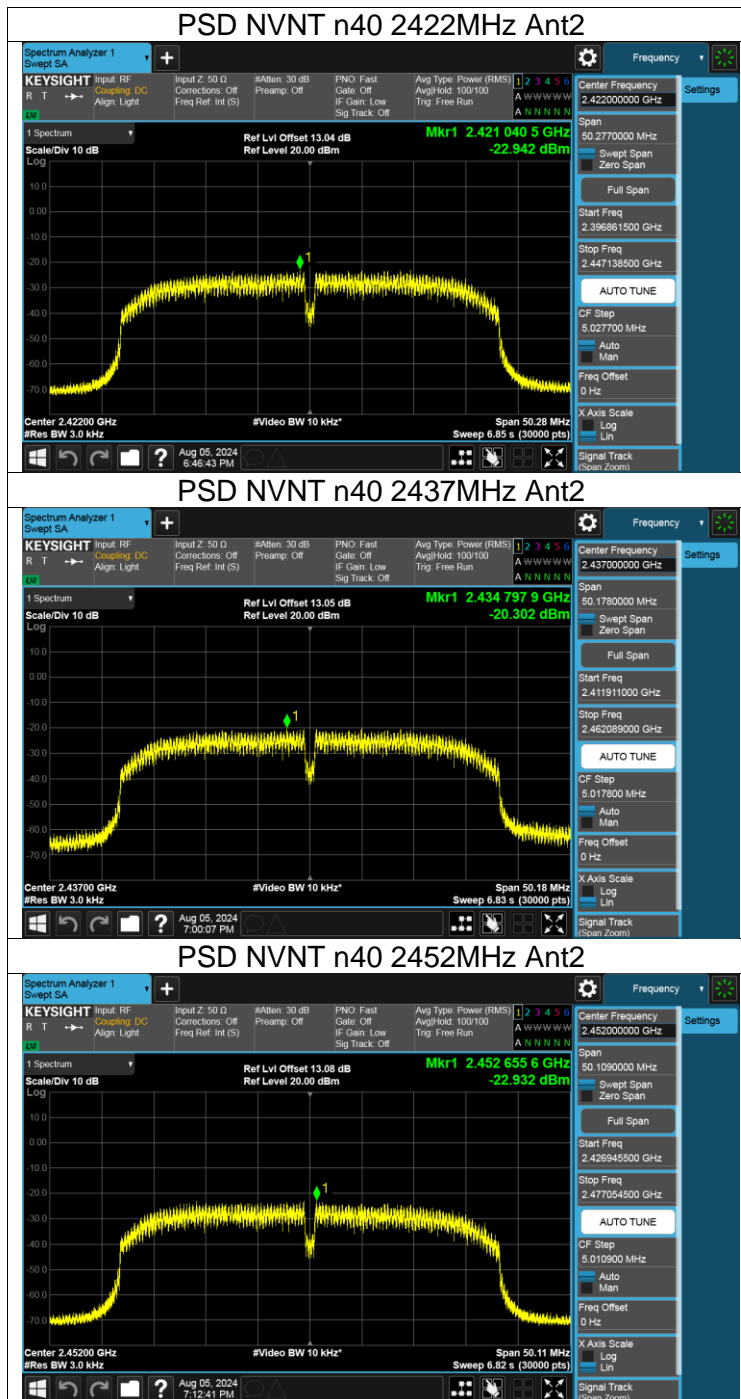
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant2	-18.01	≤8	Pass
b	2437	Ant2	-13.56	≤8	Pass
b	2462	Ant2	-19.03	≤8	Pass
g	2412	Ant2	-19.89	≤8	Pass
g	2437	Ant2	-16.12	≤8	Pass
g	2462	Ant2	-21.45	≤8	Pass
n20	2412	Ant2	-21.86	≤8	Pass
n20	2437	Ant2	-17.83	≤8	Pass
n20	2462	Ant2	-24.12	≤8	Pass
n40	2422	Ant2	-22.94	≤8	Pass
n40	2437	Ant2	-20.3	≤8	Pass
n40	2452	Ant2	-22.93	≤8	Pass
ax20	2412	Ant2	-9.63	≤8	Pass
ax20	2437	Ant2	-9.96	≤8	Pass
ax20	2462	Ant2	-15.62	≤8	Pass

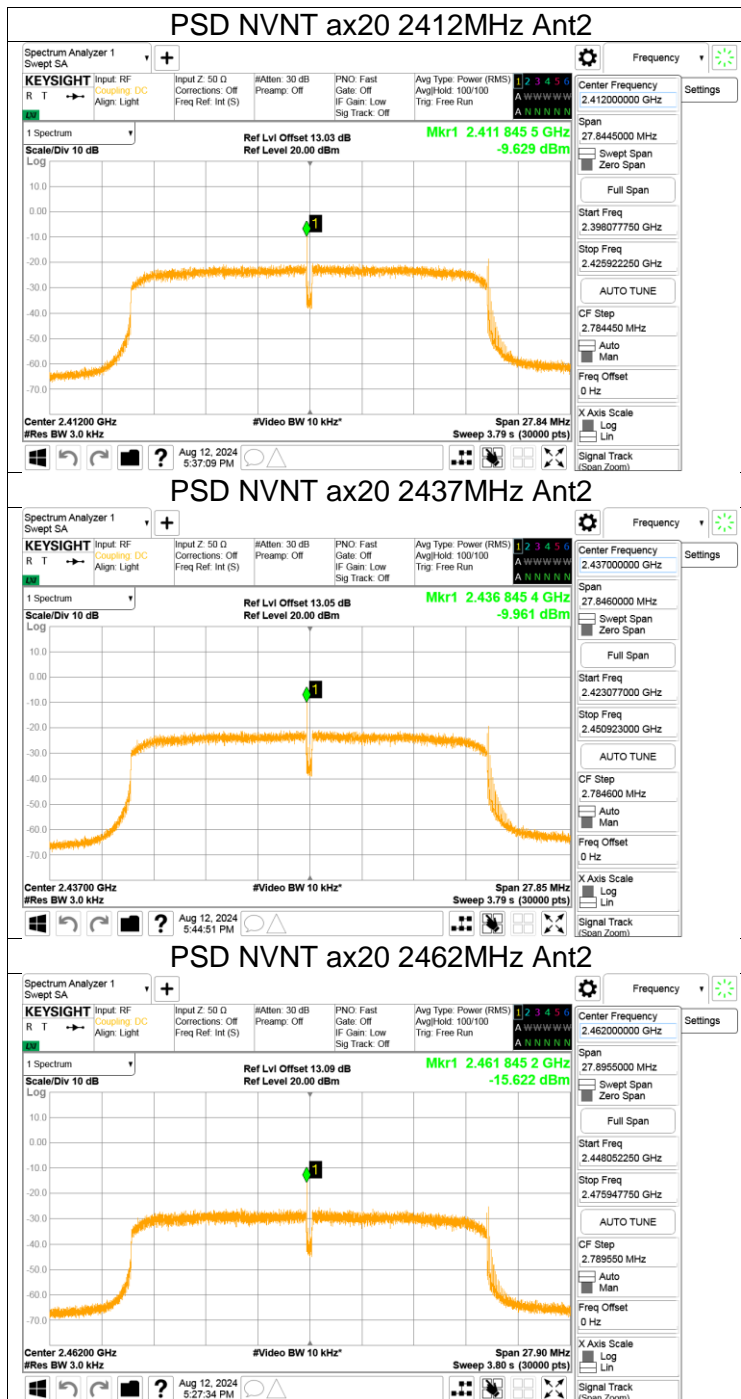
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.











Appendix E2:Band Edge

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
b	2412	Ant2	-51.24	-30	Pass
b	2462	Ant2	-49.16	-30	Pass
g	2412	Ant2	-37.98	-30	Pass
g	2462	Ant2	-50.7	-30	Pass
n20	2412	Ant2	-43.78	-30	Pass
n20	2462	Ant2	-50.59	-30	Pass
n40	2422	Ant2	-43.97	-30	Pass
n40	2452	Ant2	-48.46	-30	Pass
ax20	2412	Ant2	-33.22	-30	Pass
ax20	2462	Ant2	-38.01	-30	Pass

