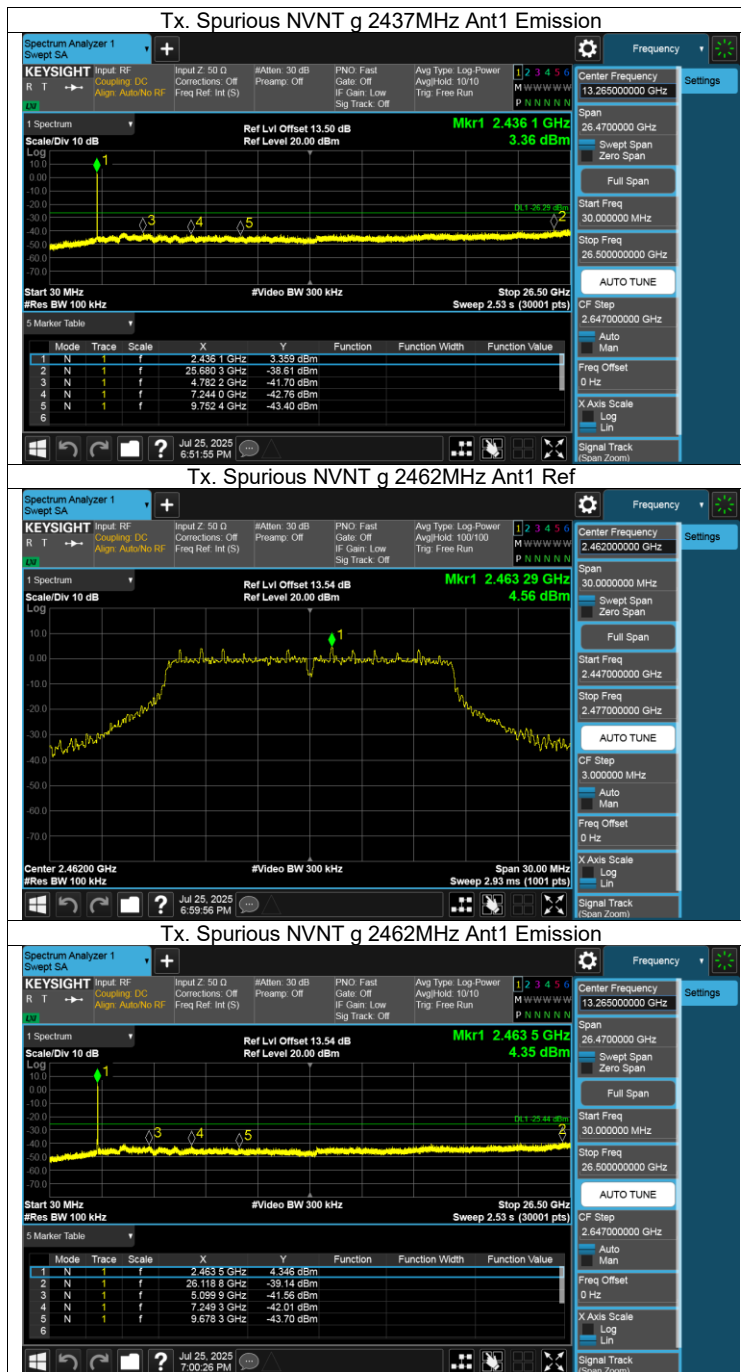
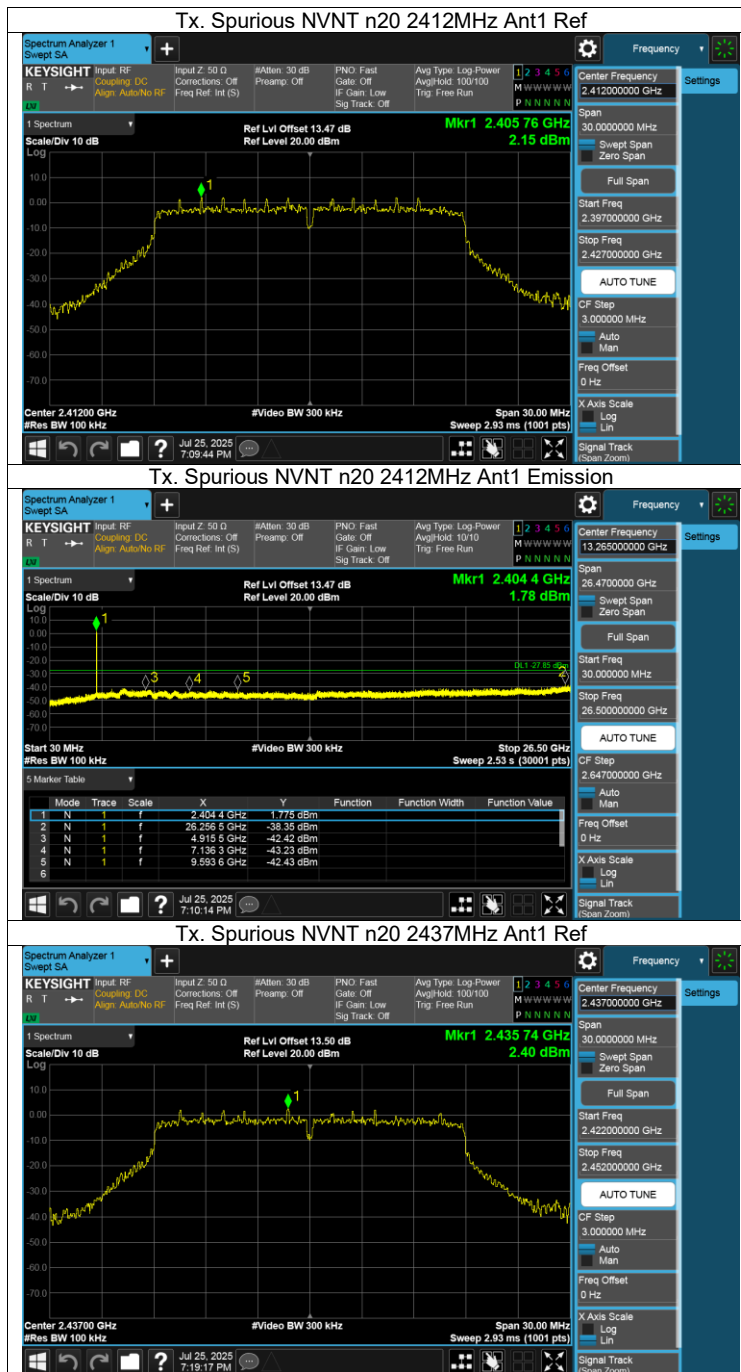
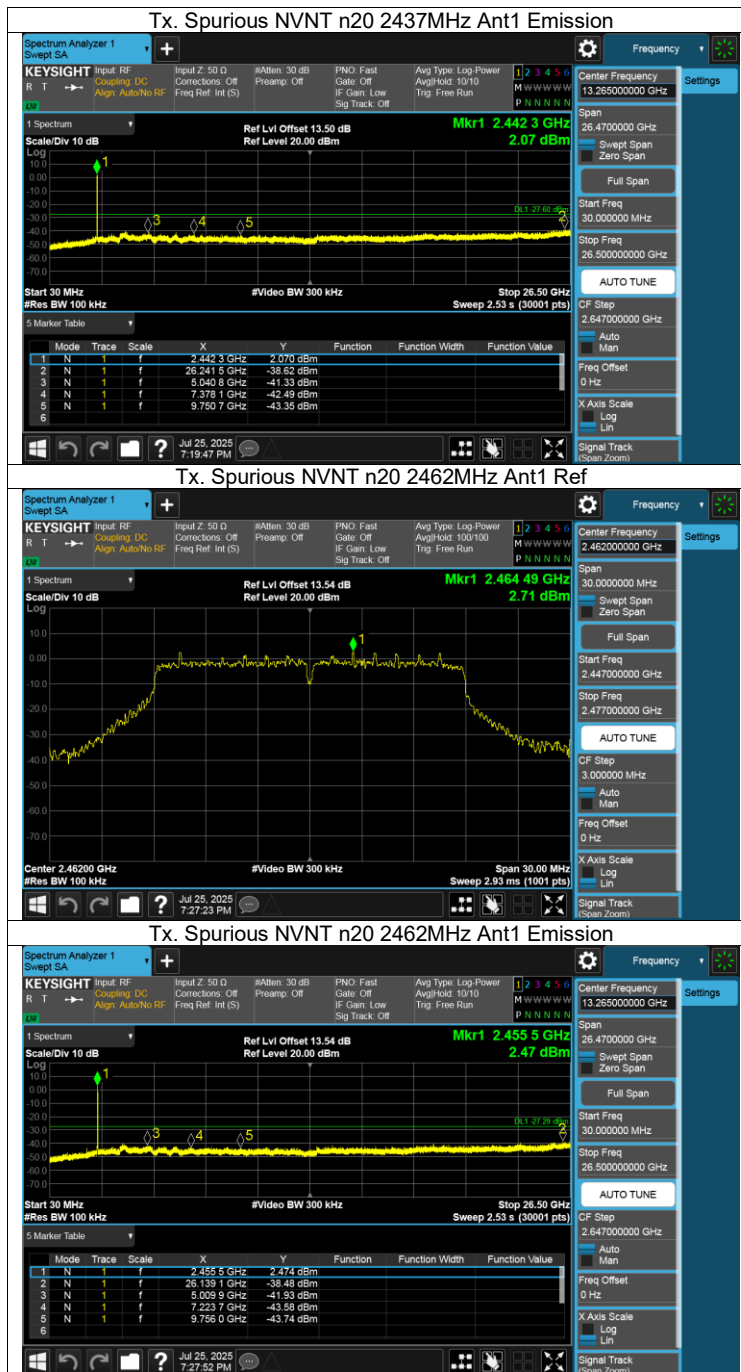
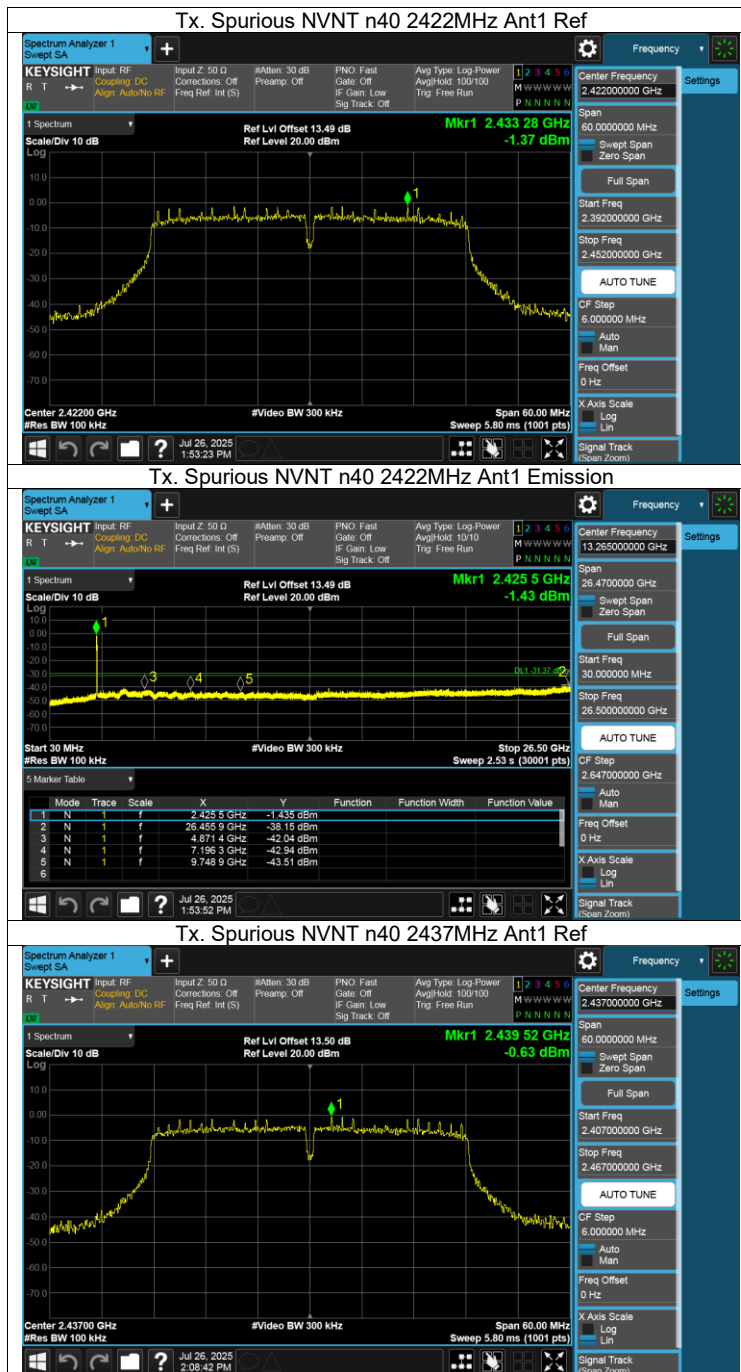


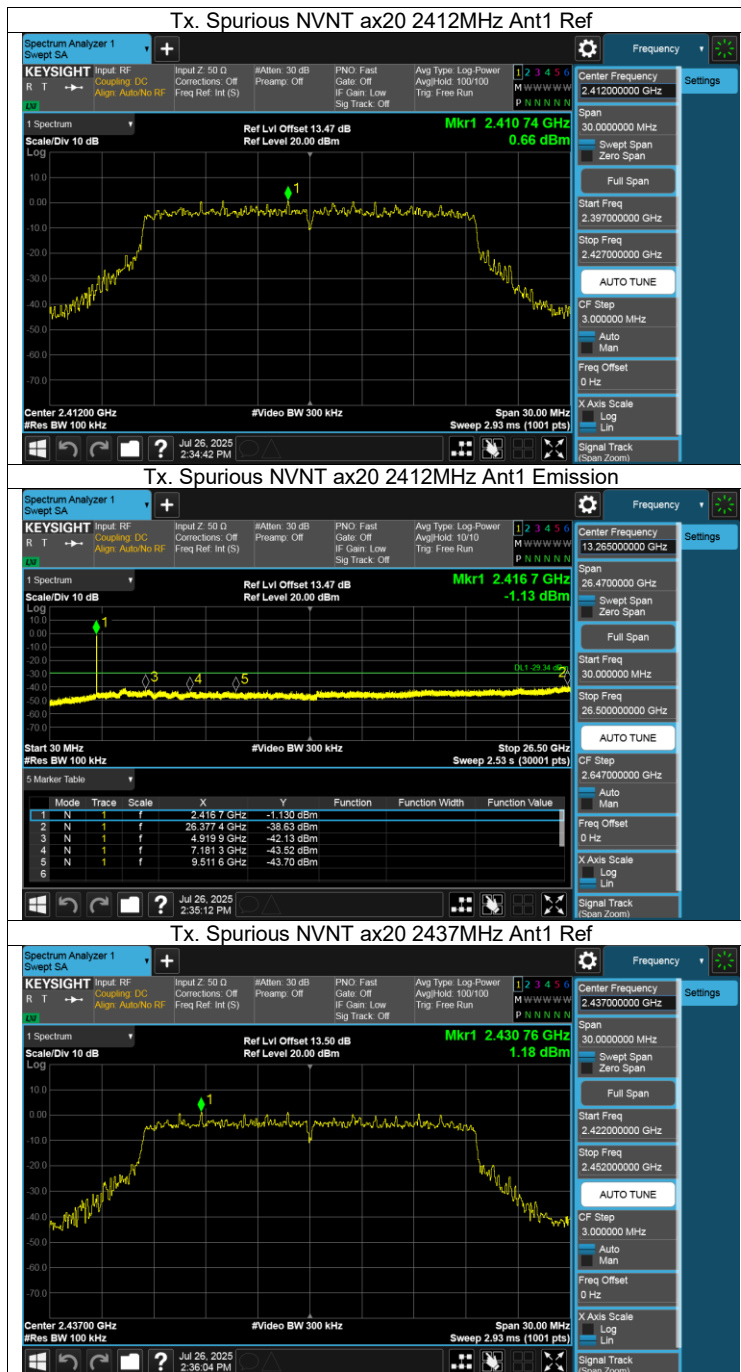


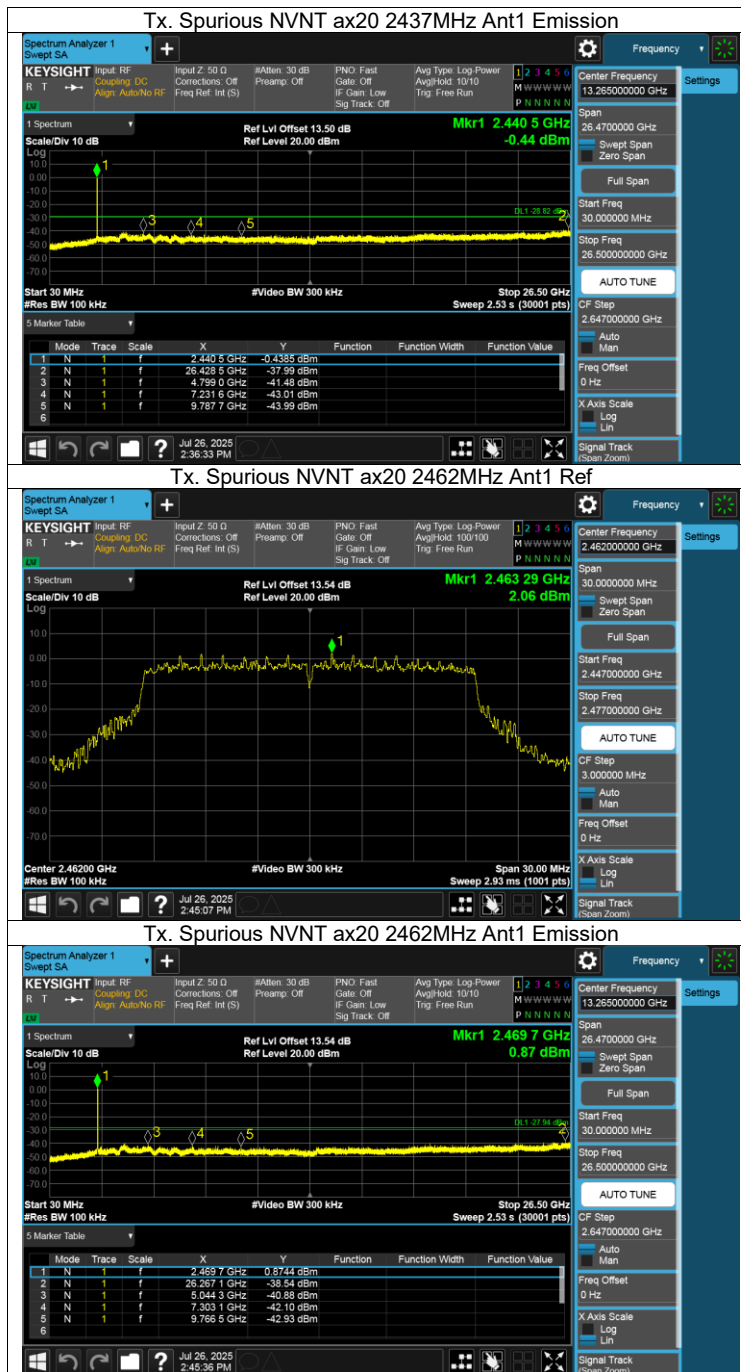












12. TEST DATA-Ant2

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)
b	1.009	1.09	0.9257	92.57	0.34	0.99	1
g	0.616	0.653	0.9433	94.33	0.25	1.62	2
n20	0.613	0.649	0.9445	94.45	0.25	1.63	2
n40	0.613	0.65	0.9431	94.31	0.25	1.63	2
ax20	0.74	0.777	0.9524	95.24	0.21	1.35	2

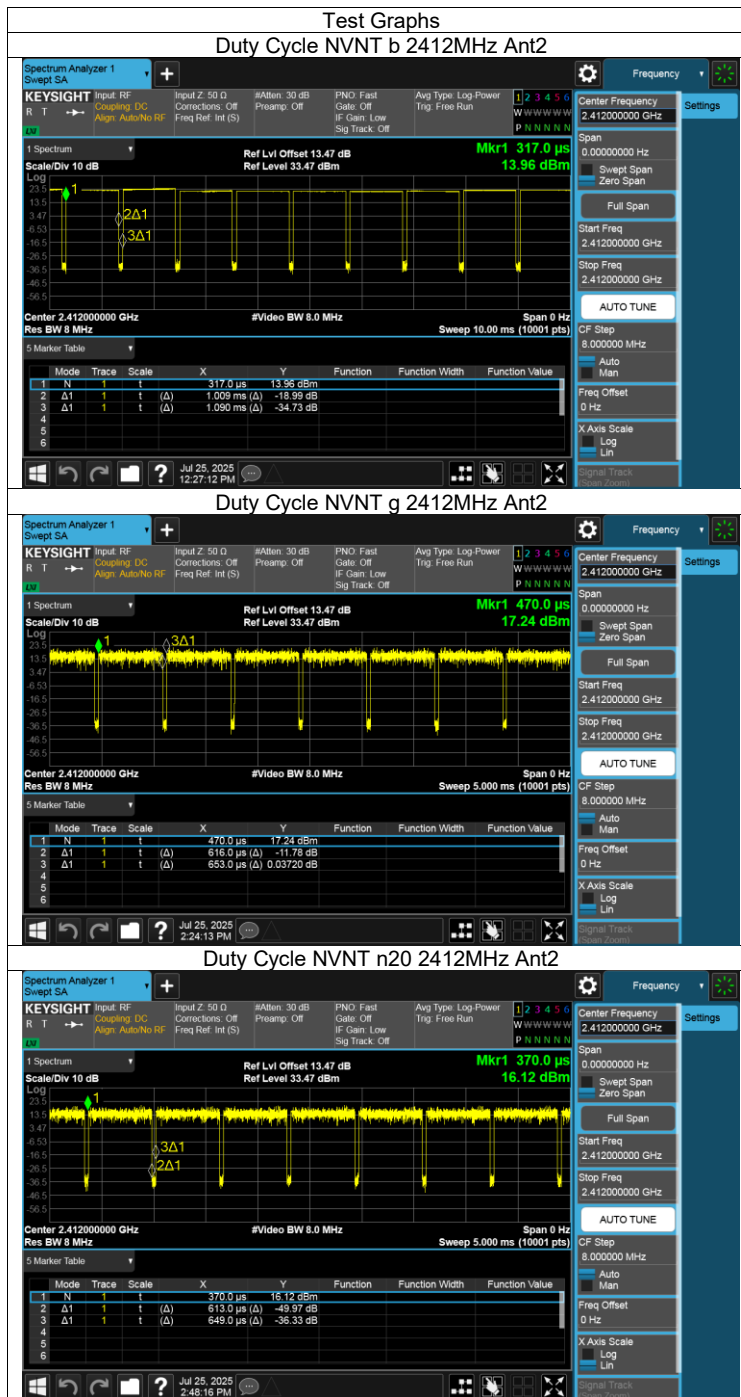
Note:

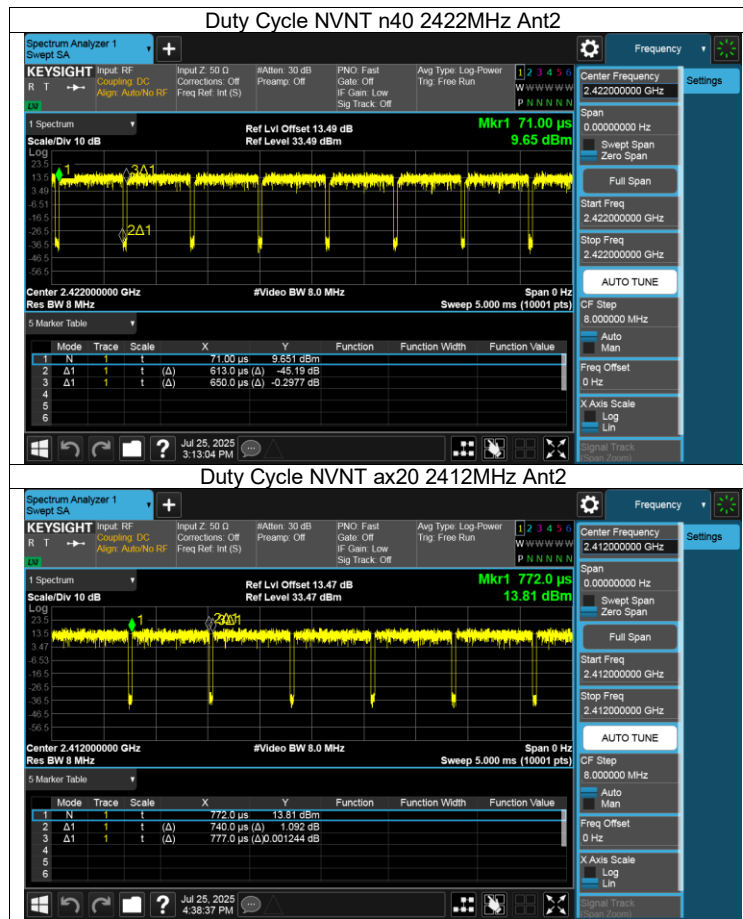
Duty Cycle Correction Factor= $10\log(1/x)$.

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.





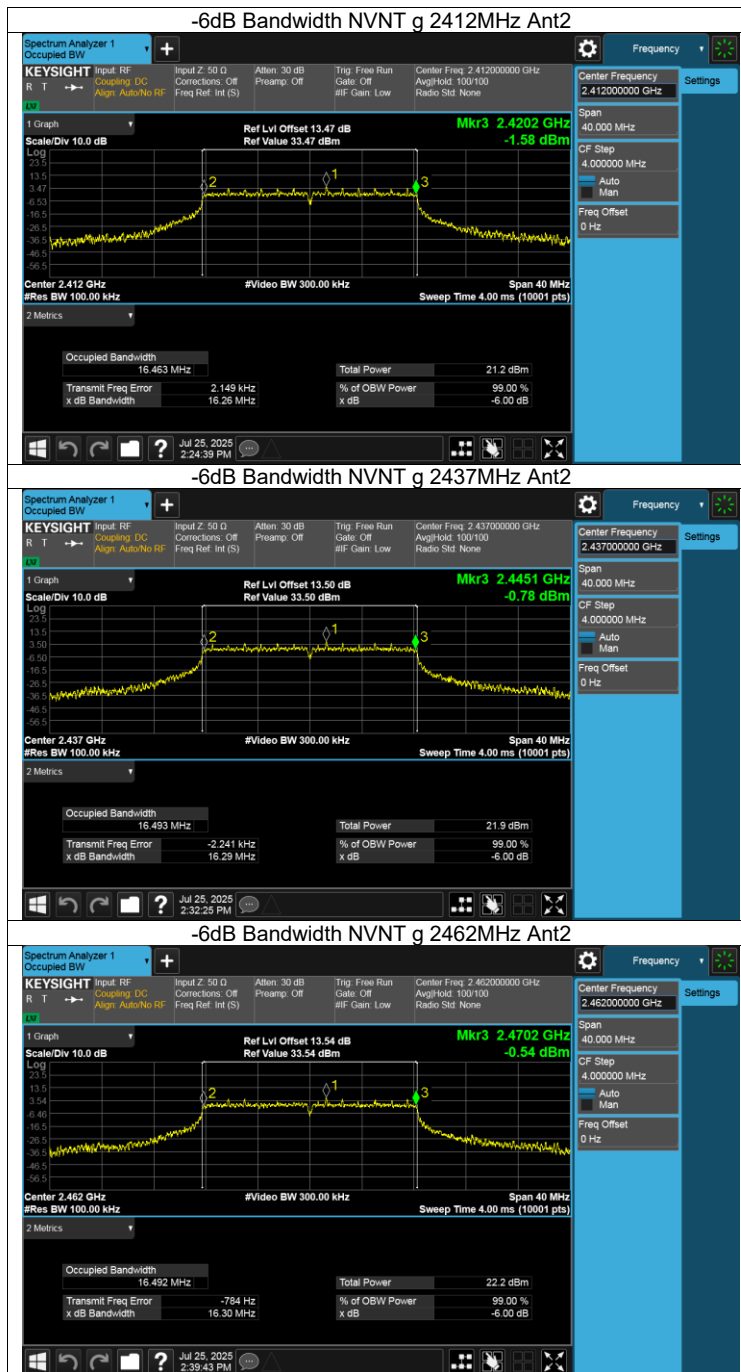
12.2. APPENDIX B2: MAXIMUM CONDUCTED OUTPUT POWER

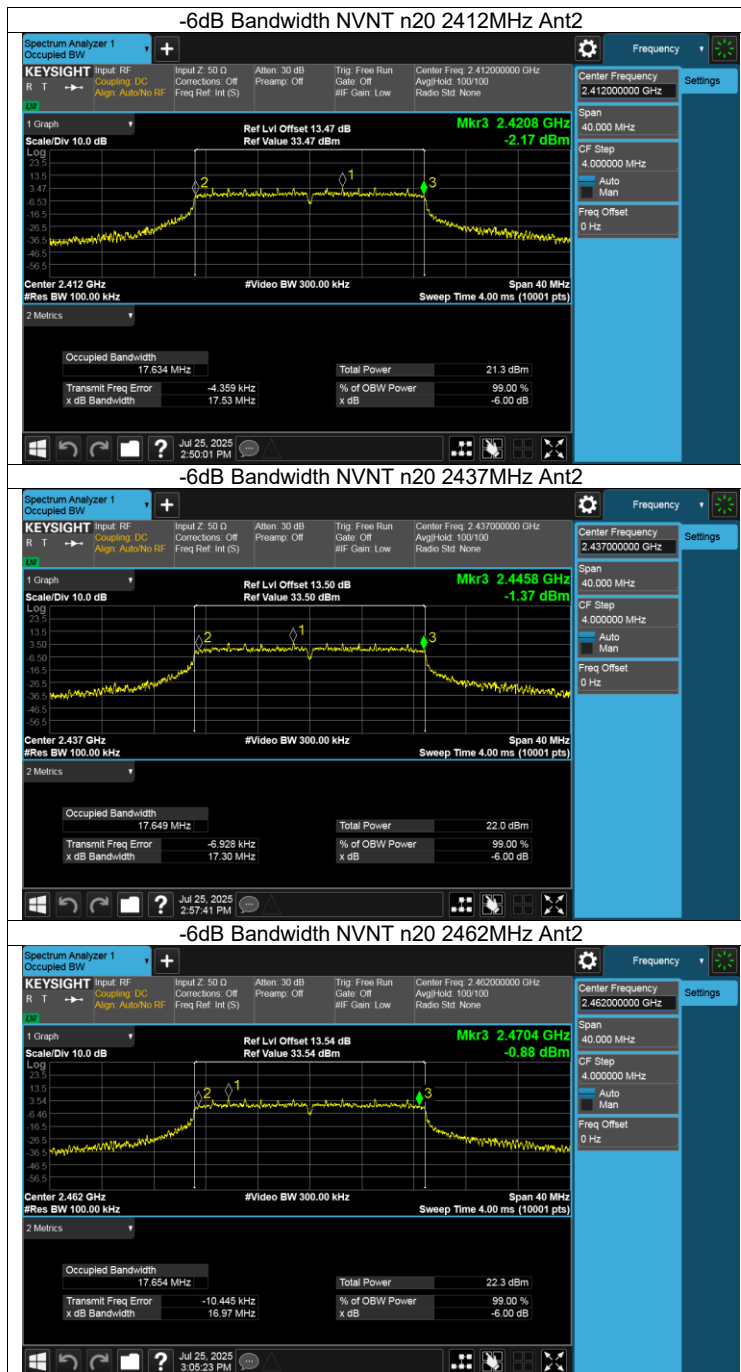
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	18.43	0.34	18.77	≤30	Pass
NVNT	b	2437	Ant2	19.3	0.34	19.64	≤30	Pass
NVNT	b	2462	Ant2	19.76	0.34	20.1	≤30	Pass
NVNT	g	2412	Ant2	15.16	0.25	15.41	≤30	Pass
NVNT	g	2437	Ant2	15.83	0.25	16.08	≤30	Pass
NVNT	g	2462	Ant2	16.14	0.25	16.39	≤30	Pass
NVNT	n20	2412	Ant2	15.22	0.25	15.47	≤30	Pass
NVNT	n20	2437	Ant2	15.79	0.25	16.04	≤30	Pass
NVNT	n20	2462	Ant2	16.2	0.25	16.45	≤30	Pass
NVNT	n40	2422	Ant2	14.92	0.25	15.17	≤30	Pass
NVNT	n40	2437	Ant2	15.31	0.25	15.56	≤30	Pass
NVNT	n40	2452	Ant2	15.35	0.25	15.6	≤30	Pass
NVNT	ax20	2412	Ant2	11.85	0.21	12.06	≤30	Pass
NVNT	ax20	2437	Ant2	12.59	0.21	12.8	≤30	Pass
NVNT	ax20	2462	Ant2	13.07	0.21	13.28	≤30	Pass

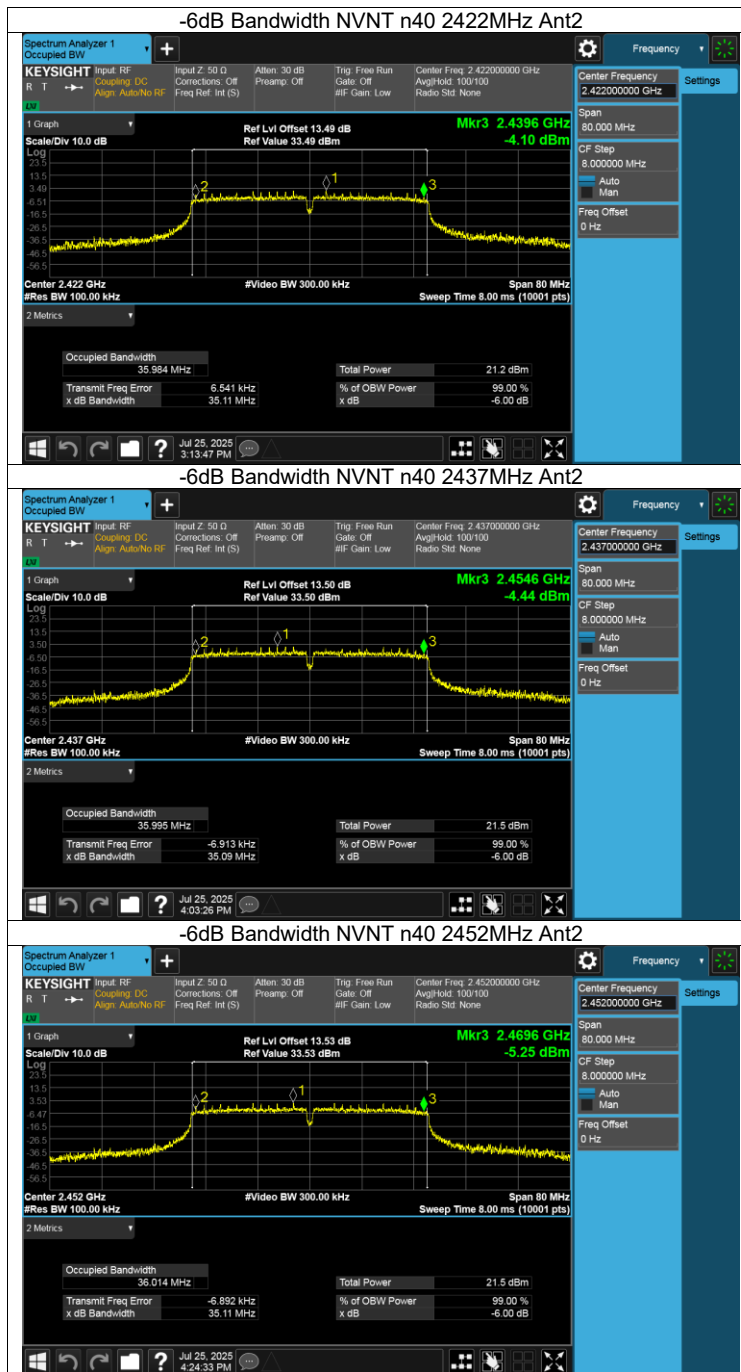
12.3. APPENDIX C2: -6DB BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant2	9.075	≥0.5	Pass
NVNT	b	2437	Ant2	9.523	≥0.5	Pass
NVNT	b	2462	Ant2	9.553	≥0.5	Pass
NVNT	g	2412	Ant2	16.262	≥0.5	Pass
NVNT	g	2437	Ant2	16.289	≥0.5	Pass
NVNT	g	2462	Ant2	16.302	≥0.5	Pass
NVNT	n20	2412	Ant2	17.526	≥0.5	Pass
NVNT	n20	2437	Ant2	17.296	≥0.5	Pass
NVNT	n20	2462	Ant2	16.968	≥0.5	Pass
NVNT	n40	2422	Ant2	35.112	≥0.5	Pass
NVNT	n40	2437	Ant2	35.094	≥0.5	Pass
NVNT	n40	2452	Ant2	35.112	≥0.5	Pass
NVNT	ax20	2412	Ant2	18.84	≥0.5	Pass
NVNT	ax20	2437	Ant2	18.729	≥0.5	Pass
NVNT	ax20	2462	Ant2	18.661	≥0.5	Pass











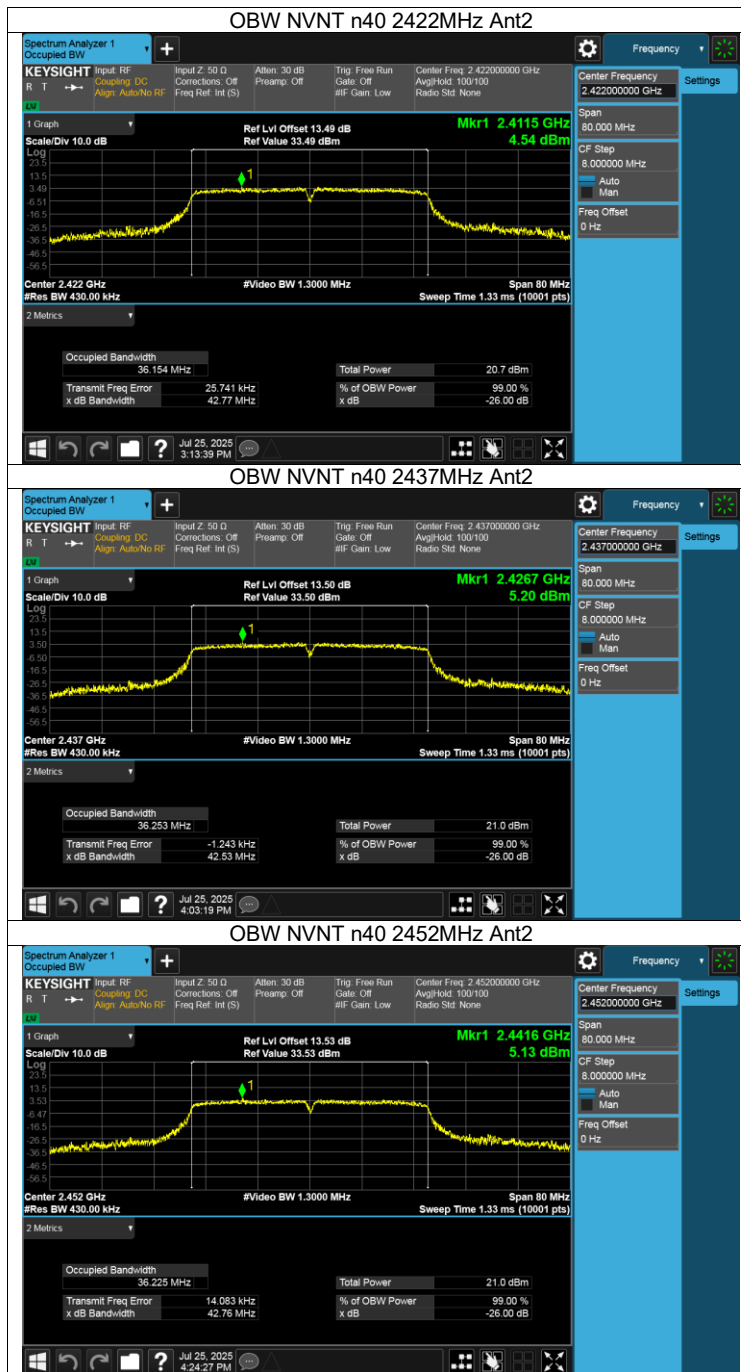
12.4. APPENDIX D2: OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant2	13.111
NVNT	b	2437	Ant2	13.212
NVNT	b	2462	Ant2	13.287
NVNT	g	2412	Ant2	16.648
NVNT	g	2437	Ant2	16.644
NVNT	g	2462	Ant2	16.661
NVNT	n20	2412	Ant2	17.723
NVNT	n20	2437	Ant2	17.734
NVNT	n20	2462	Ant2	17.736
NVNT	n40	2422	Ant2	36.154
NVNT	n40	2437	Ant2	36.253
NVNT	n40	2452	Ant2	36.225
NVNT	ax20	2412	Ant2	18.945
NVNT	ax20	2437	Ant2	18.939
NVNT	ax20	2462	Ant2	18.97











12.5. APPENDIX E2: 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	b	2412	Ant2	-11.04	0.34	-10.7	≤8	Pass
NVNT	b	2437	Ant2	-9.64	0.34	-9.3	≤8	Pass
NVNT	b	2462	Ant2	-9.43	0.34	-9.09	≤8	Pass
NVNT	g	2412	Ant2	-13.79	0.25	-13.54	≤8	Pass
NVNT	g	2437	Ant2	-13.24	0.25	-12.99	≤8	Pass
NVNT	g	2462	Ant2	-12.88	0.25	-12.63	≤8	Pass
NVNT	n20	2412	Ant2	-15.09	0.25	-14.84	≤8	Pass
NVNT	n20	2437	Ant2	-14.43	0.25	-14.18	≤8	Pass
NVNT	n20	2462	Ant2	-13.81	0.25	-13.56	≤8	Pass
NVNT	n40	2422	Ant2	-17.77	0.25	-17.52	≤8	Pass
NVNT	n40	2437	Ant2	-17.65	0.25	-17.4	≤8	Pass
NVNT	n40	2452	Ant2	-17.06	0.25	-16.81	≤8	Pass
NVNT	ax20	2412	Ant2	-18.13	0.21	-17.92	≤8	Pass
NVNT	ax20	2437	Ant2	-17.13	0.21	-16.92	≤8	Pass
NVNT	ax20	2462	Ant2	-16.77	0.21	-16.56	≤8	Pass