

11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

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)
11b	8.35	8.39	0.9952	99.52	0.02	0.12	0.01
11g	1.38	1.42	0.9718	97.18	0.12	0.72	1
11n HT20	1.29	1.34	0.9627	96.27	0.17	0.78	1
11n HT40	0.64	0.69	0.9275	92.75	0.33	1.56	2

Note:

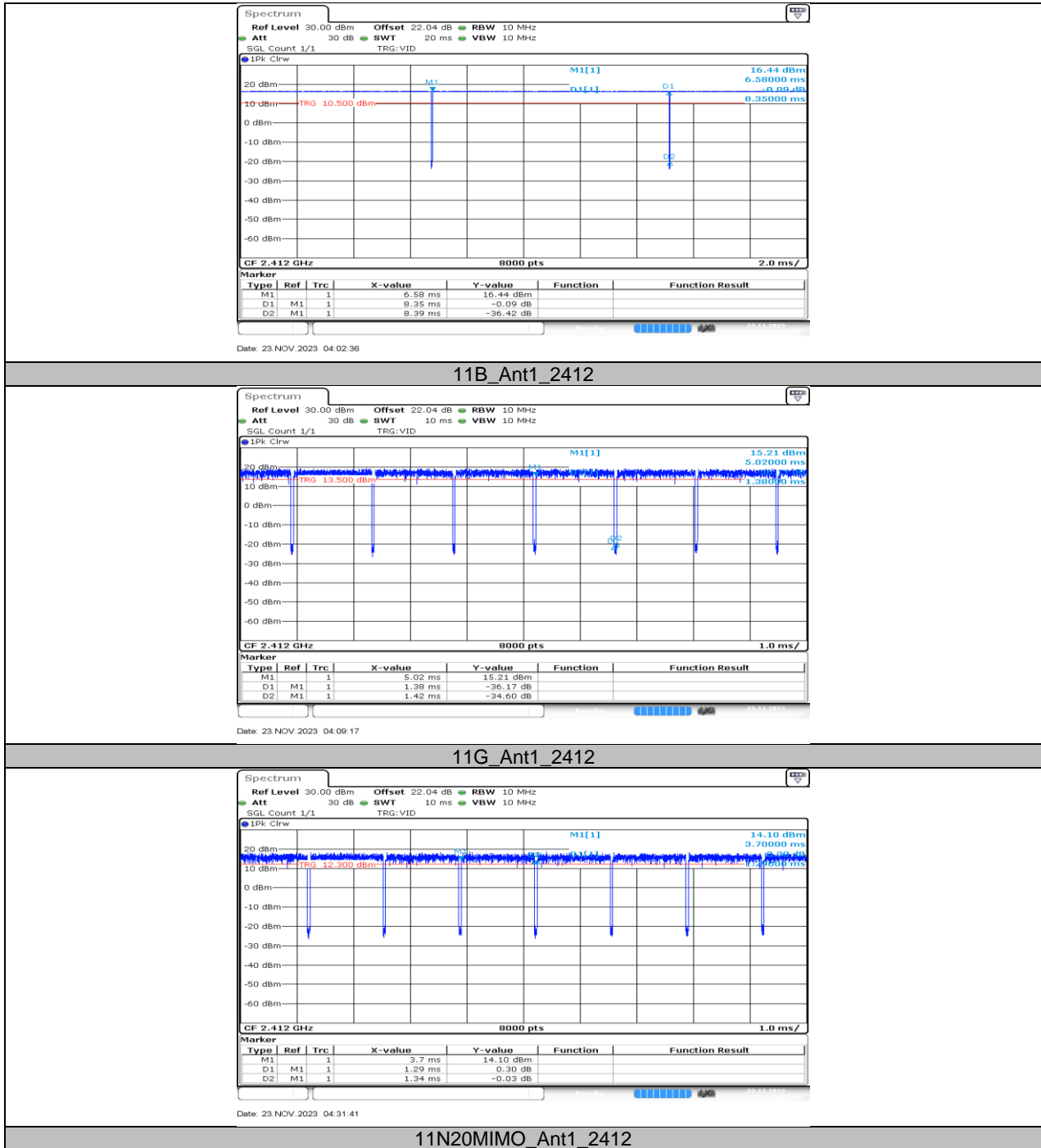
Duty Cycle Correction Factor=10log (1/x).

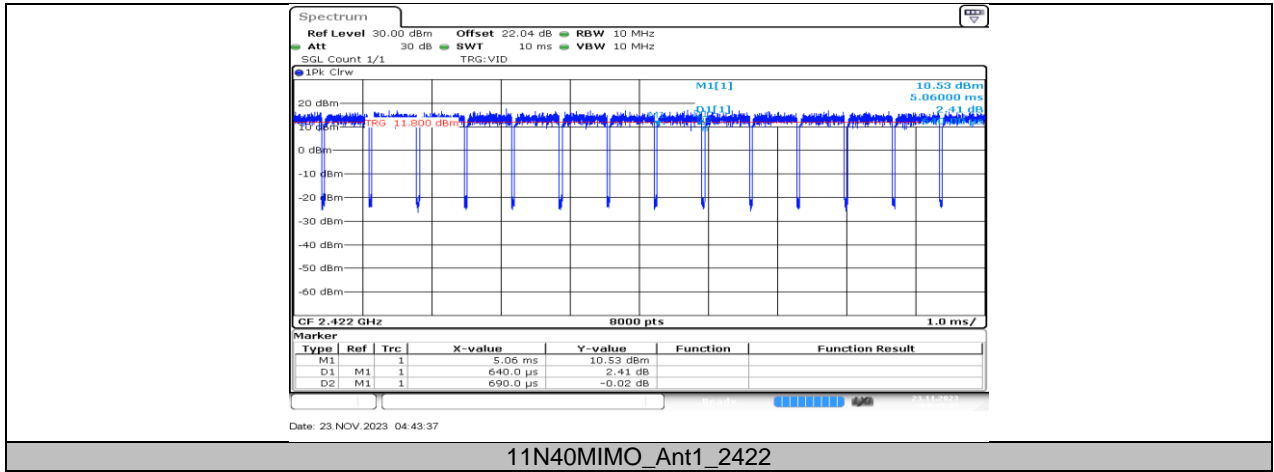
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

11.7.2. Test Graphs





END OF REPORT