





## 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	8.378	8.439	0.993	99.3%	0.03	0.12	0.5
11g	1.390	1.455	0.955	95.5%	0.20	0.72	1.0
11n HT20	1.297	1.362	0.952	95.2%	0.21	0.77	1.0
11n HT40	0.645	0.709	0.910	91.0%	0.41	1.55	2.0

Note:

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

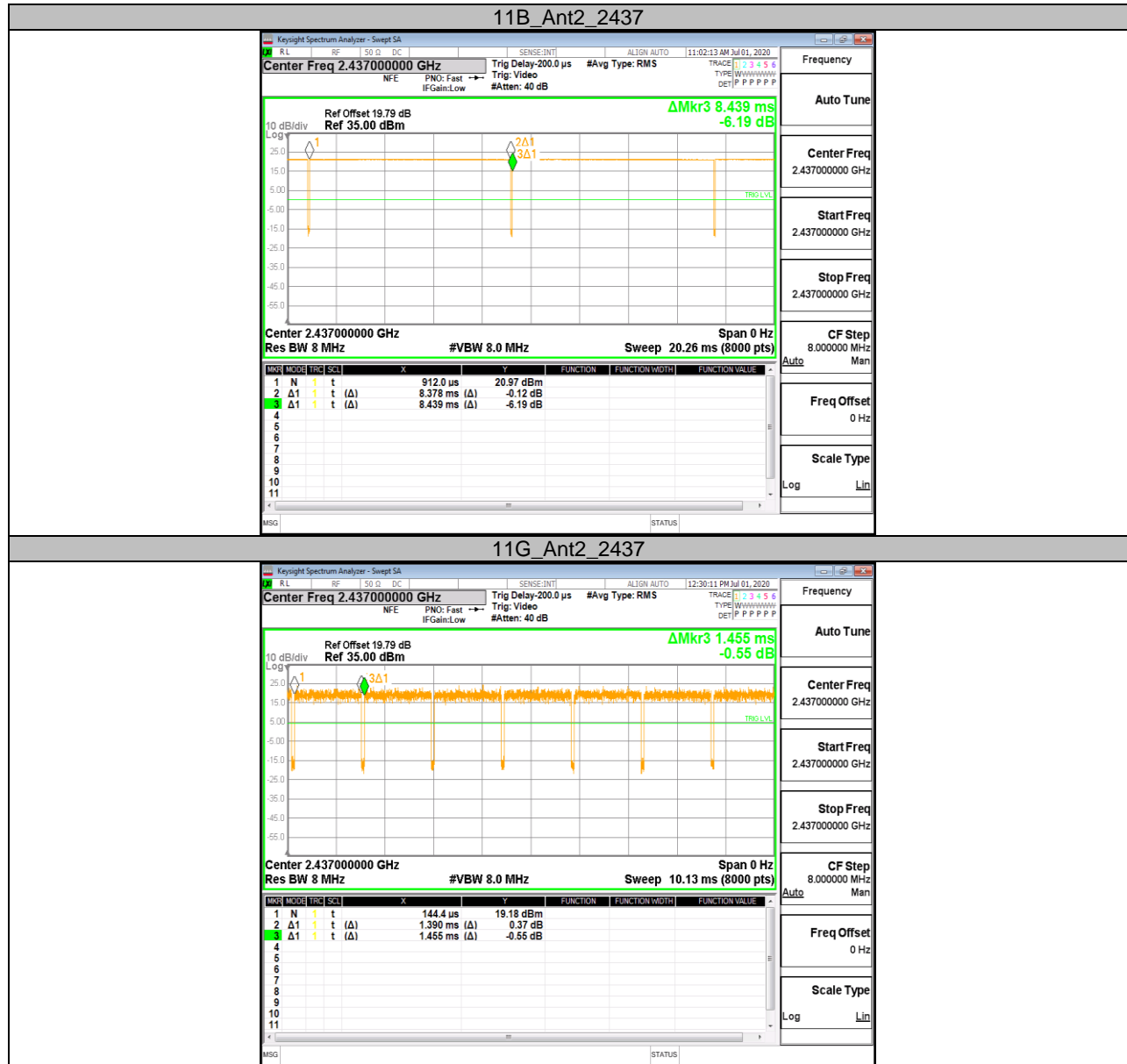
Where: x is Duty Cycle (Linear)

Where: T is On Time

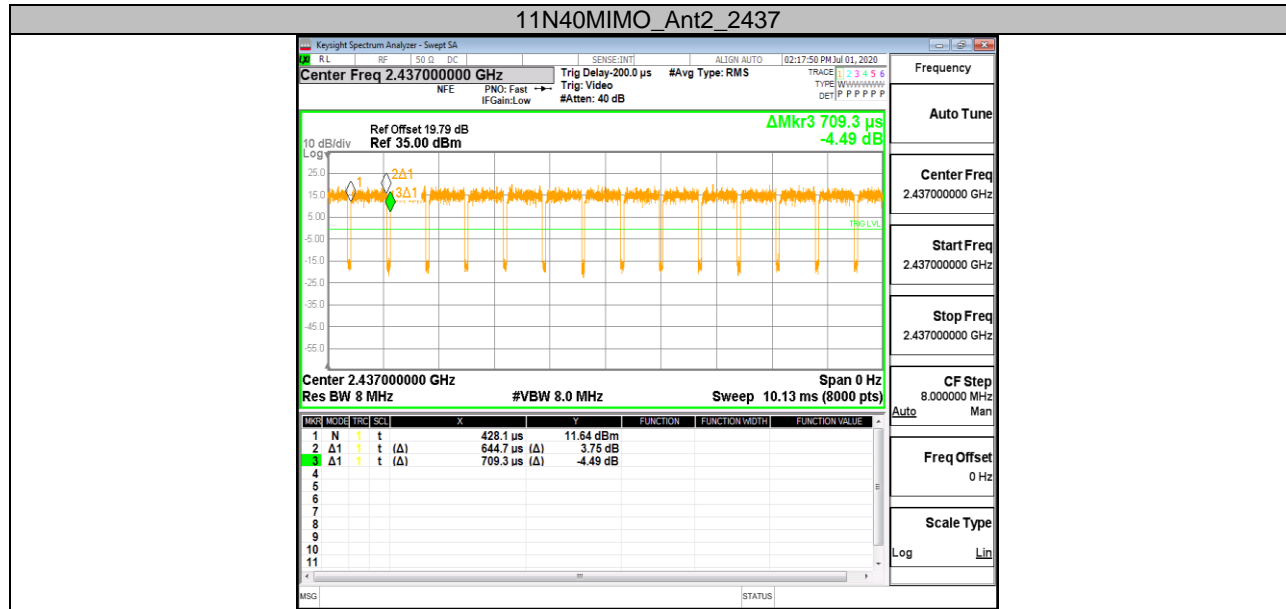
If that calculated VBW is not available on the analyzer then the next higher value should be used.



### 11.7.1. Test Graphs







END OF REPORT