





















11.7. Appendix G: Duty Cycle

11.7.1. Test Result

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	12.41	12.55	0.9888	98.88	0.05	0.08	0.01
11G	2.06	2.19	0.9406	94.06	0.27	0.49	0.5
11N20	1.92	2.05	0.9366	93.66	0.28	0.52	1

Note:

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

Where: x is Duty Cycle (Linear)

Where: T is On Time

If the Duty Cycle large than 98%, the VBW will be setting for 10Hz. And 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