



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-CDD	8.36	8.43	0.9917	99.17	0.04	0.12	0.01
11G-CDD	1.39	1.45	0.9586	95.86	0.18	0.72	1
11AX20-CDD	0.31	0.37	0.8378	83.78	0.77	3.23	4
11AX40-CDD	0.19	0.25	0.7600	76.00	1.19	5.26	6
11BE20-CDD	0.56	0.62	0.9032	90.32	0.44	1.79	2
11BE40-CDD	0.54	0.61	0.8852	88.52	0.53	1.85	2

Note:

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

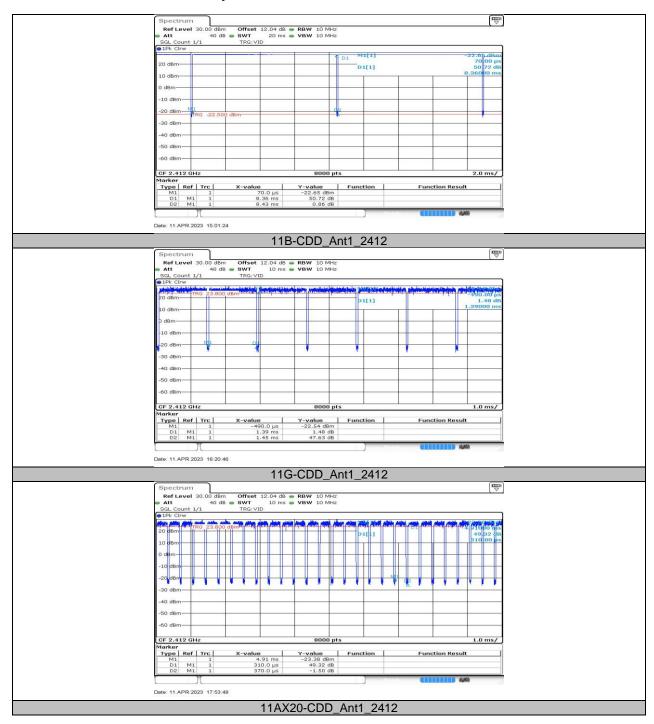
Where: x is Duty Cycle (Linear)

Where: T is On Time

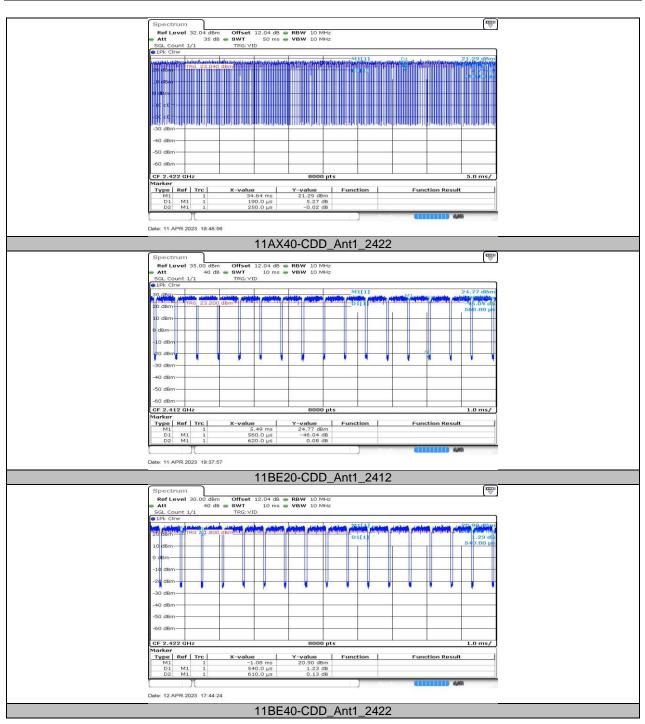
If that calculated VBW is not available on the analyzer then the next higher value should be used. If the EUT is configured to transmit with duty cycle \geq 98%, set VBW \leq RBW/100 (i.e., 10 kHz) but not less than 10 Hz.



11.7.2. Test Graphs







END OF REPORT