



## 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= $10\log(1/x)$ .

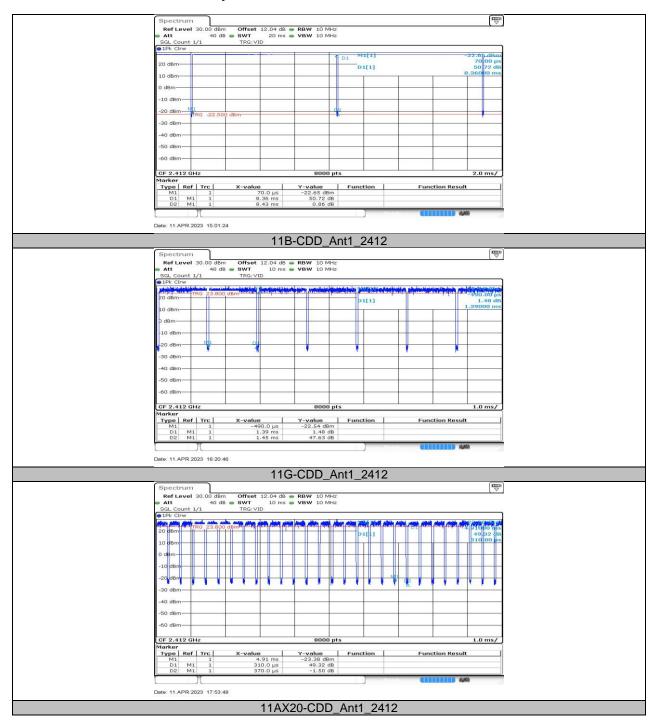
Where: x is Duty Cycle (Linear)

Where: T is On Time

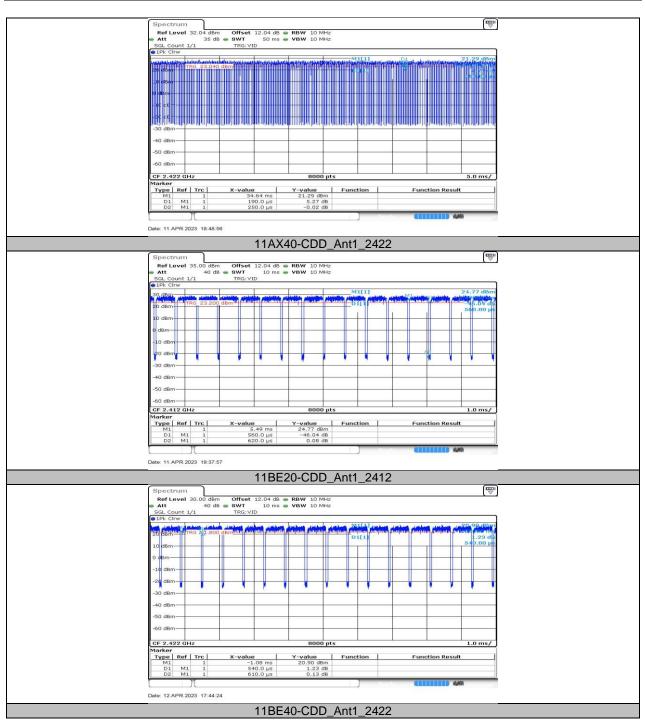
If that calculated VBW is not available on the analyzer then the next higher value should be used. If the EUT is configured to transmit with duty cycle  $\geq$  98%, set VBW  $\leq$  RBW/100 (i.e., 10 kHz) but not less than 10 Hz.



## 11.7.2. Test Graphs







## END OF REPORT