

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	8.19	8.24	0.9939	99.39	0.03	/	0.01
11G	1.36	1.41	0.9645	96.45	0.16	0.74	1
11N20MIMO	1.27	1.33	0.9549	95.49	0.20	0.79	1
11N40MIMO	0.63	0.69	0.9130	91.30	0.40	1.59	2
11AX20MIMO	1.17	1.18	0.9915	99.15	0.04	/	0.01
11AX40MIMO	0.61	0.62	0.9839	98.39	0.07	/	0.01

Note:

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

Where: x is Duty Cycle (Linear)

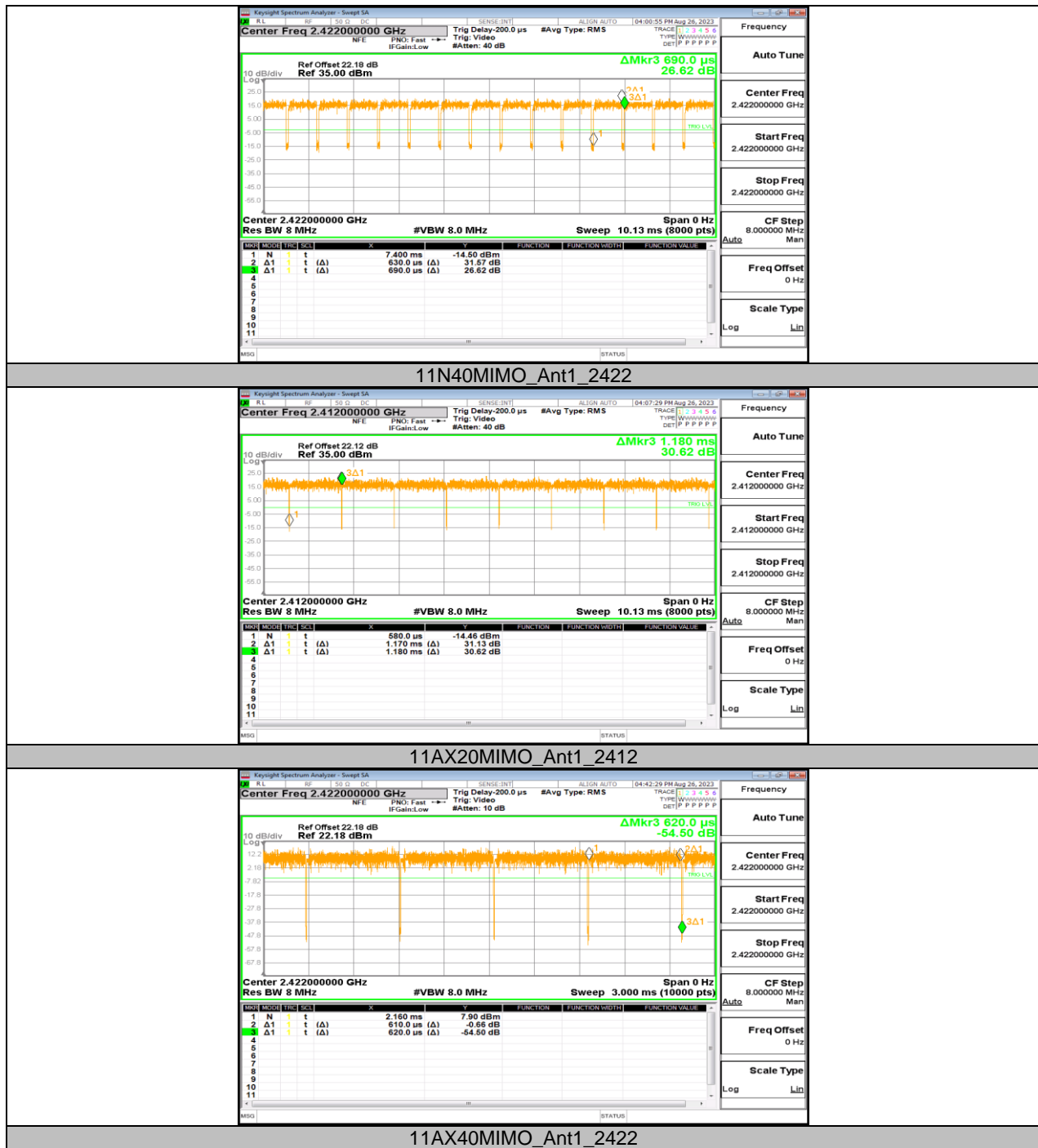
Where: T is On Time

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 $D \geq 98\%$, then set $VBW \leq RBW / 100$ (i.e., 10 kHz), but not less than 10 Hz.

11.7.2. Test Graphs





END OF REPORT