

11.1. APPENDIX G DUTY CYCLE

Mode	N1 (msec)	N2 (msec)	N3 (msec)	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)
b	1.056	1.210	9.626	8.416	8.57	0.9820	98.20	0.08	/	0.01
g	1.360	1.484	2.880	1.396	1.52	0.9184	91.84	0.37	0.72	1
n20	0.924	1.066	2.464	1.398	1.54	0.9078	90.78	0.42	0.72	1
n40	0.362	0.486	1.136	0.65	0.774	0.8398	83.98	0.76	1.54	2

Note:

On Time=N3-N2

Period=N3-N1

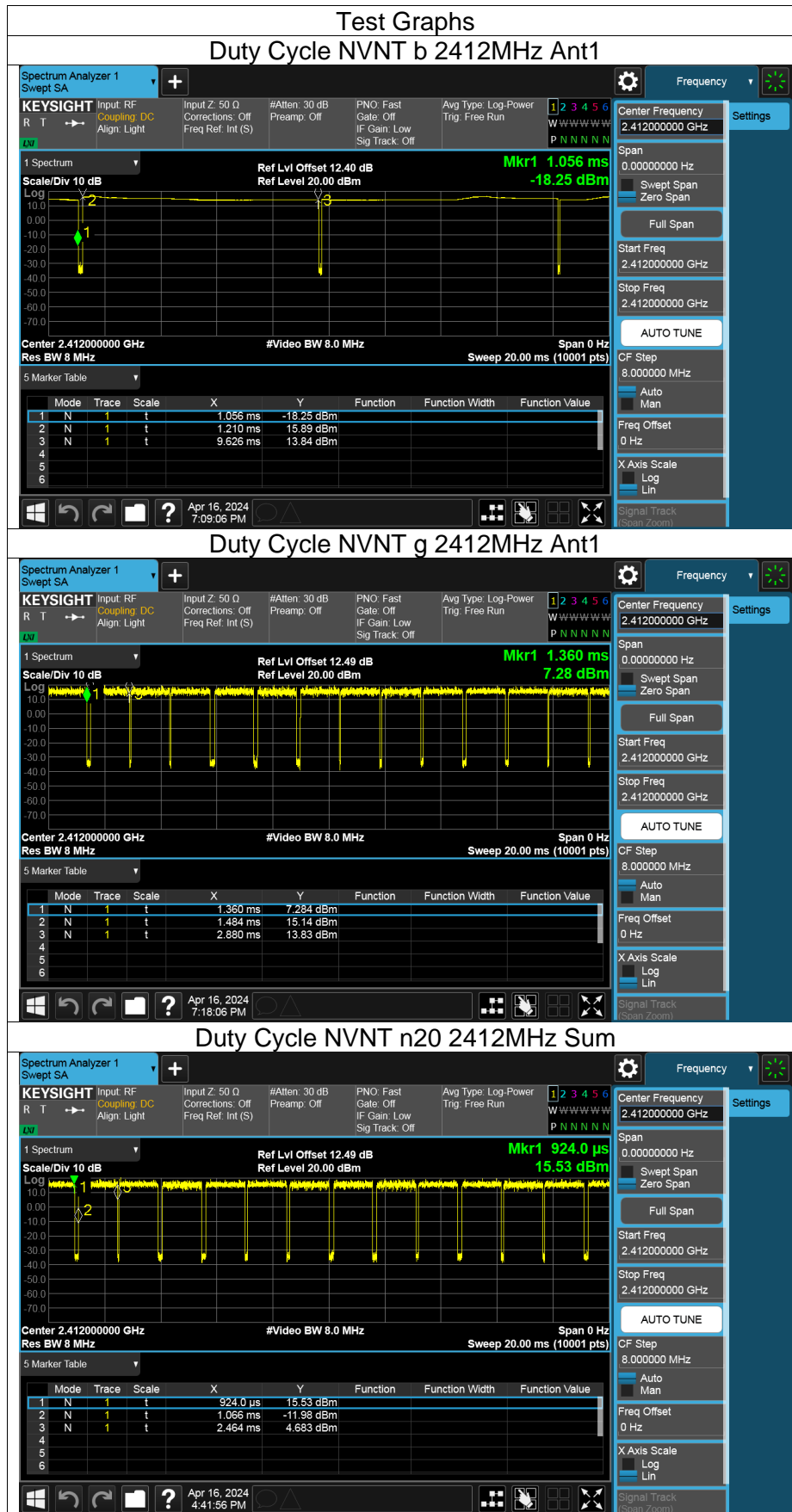
Duty Cycle Correction Factor=10log (1/x).

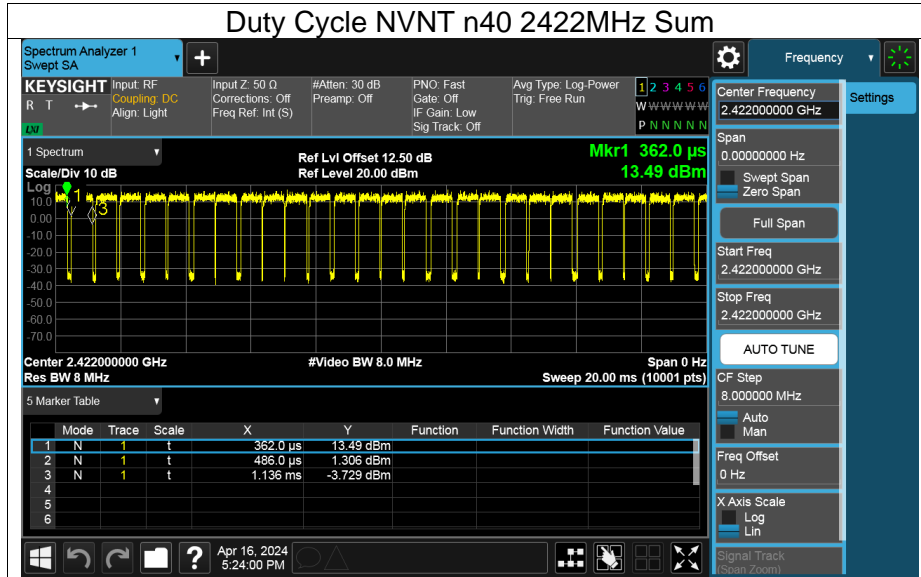
Where: x is Duty Cycle (Linear)

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.





END OF REPORT