

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 | 8.38 | 8.76 | 0.9566 | 95.66 | 0.19 | 0.12 | 1 |
| 11G | 1.39 | 1.42 | 0.9789 | 97.89 | 0.09 | 0.72 | 1 |
| 11N20SISO | 1.3 | 1.67 | 0.7784 | 77.84 | 1.09 | 0.77 | 1 |
| 11N40SISO | 0.34 | 0.36 | 0.9444 | 94.44 | 0.25 | 2.94 | 3 |
| 11AX20SISO | 1.01 | 1.05 | 0.9619 | 96.19 | 0.17 | 0.99 | 1 |
| 11AX40SISO | 0.53 | 0.56 | 0.9464 | 94.64 | 0.24 | 1.89 | 2 |

Note:

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

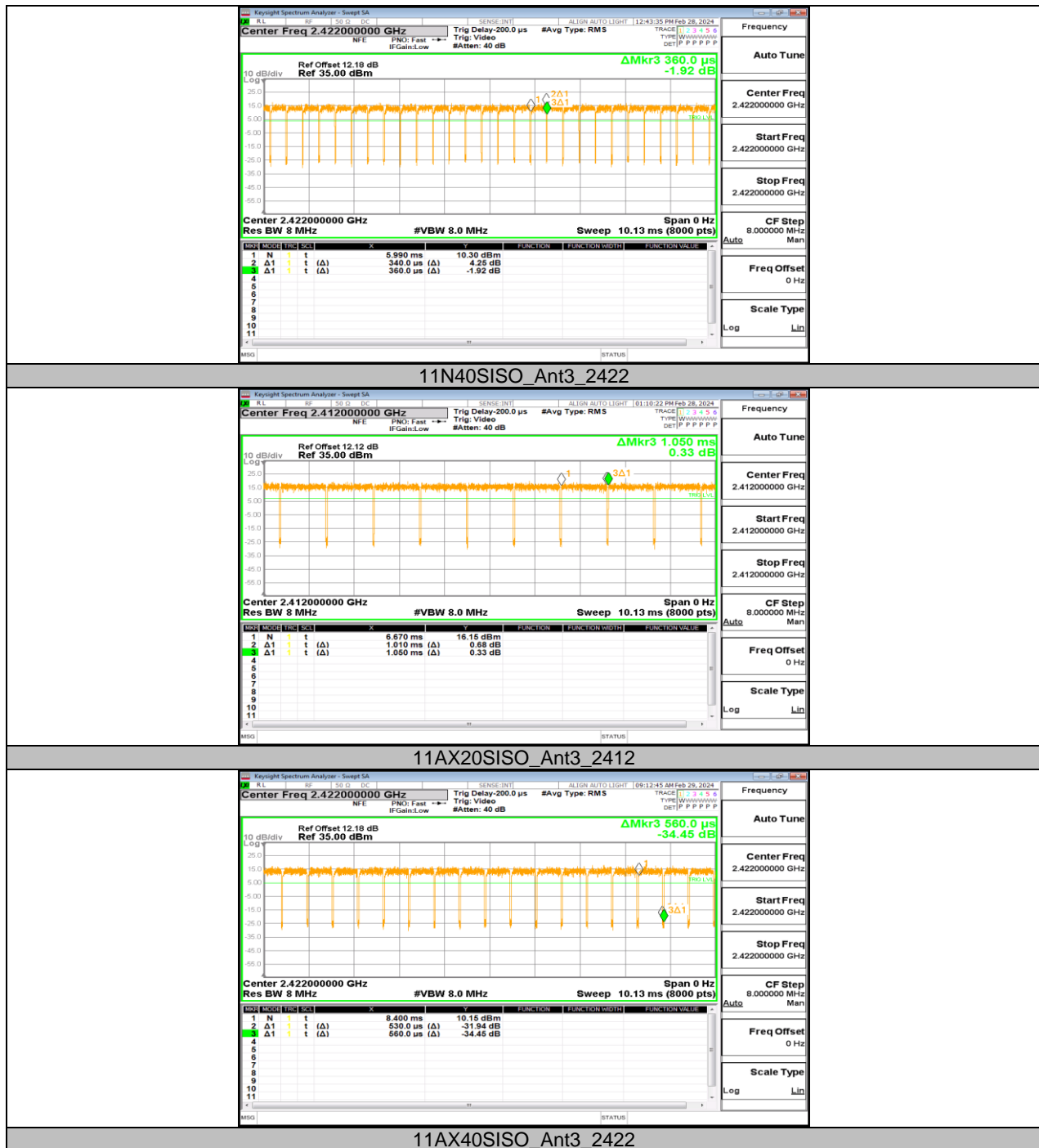
Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs





END OF REPORT