



## 10.7. Appendix G: Duty Cycle

### 10.7.1. Test Result

| Test Mode | On Time<br>(msec) | Period<br>(msec) | Duty Cycle<br>x<br>(Linear) | Duty Cycle<br>(%) | Duty Cycle<br>Correction<br>Factor<br>(dB) | 1/T<br>Minimum<br>VBW<br>(kHz) | Final setting<br>For VBW<br>(kHz) |
|-----------|-------------------|------------------|-----------------------------|-------------------|--------------------------------------------|--------------------------------|-----------------------------------|
| 11b       | 8.425             | 8.597            | 0.9799                      | 98.00             | 0                                          | 0.01                           | 0.01                              |
| 11g       | 1.393             | 1.558            | 0.8941                      | 89.41             | 0.49                                       | 0.72                           | 1                                 |
| 11n HT20  | 1.306             | 1.471            | 0.8878                      | 88.78             | 0.52                                       | 0.77                           | 1                                 |
| 11n HT40  | 0.645             | 0.809            | 0.7973                      | 79.73             | 0.98                                       | 1.55                           | 2                                 |

Note:

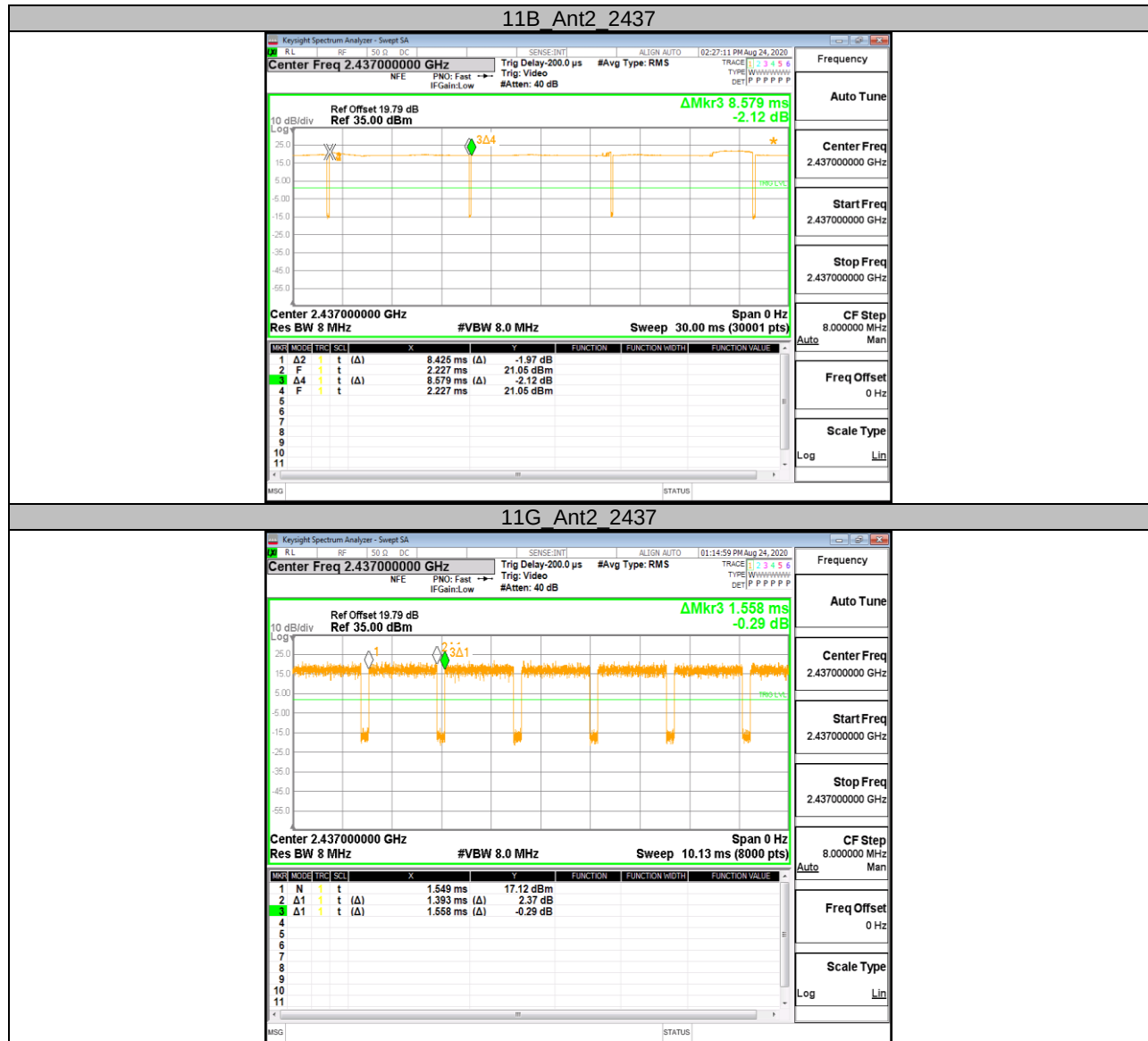
Duty Cycle Correction Factor=10log (1/x).

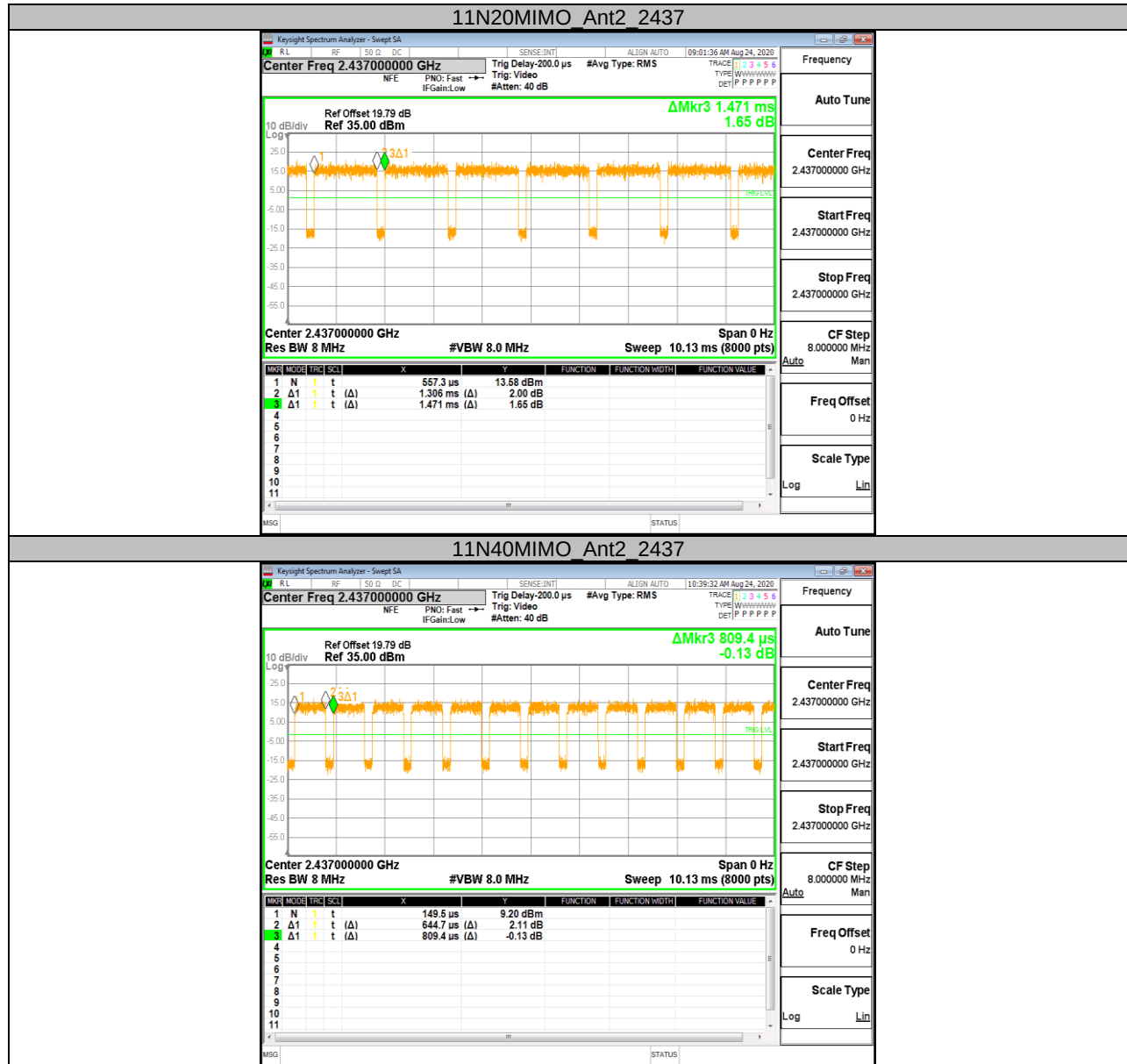
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

## 10.7.2. Test Graphs





END OF REPORT