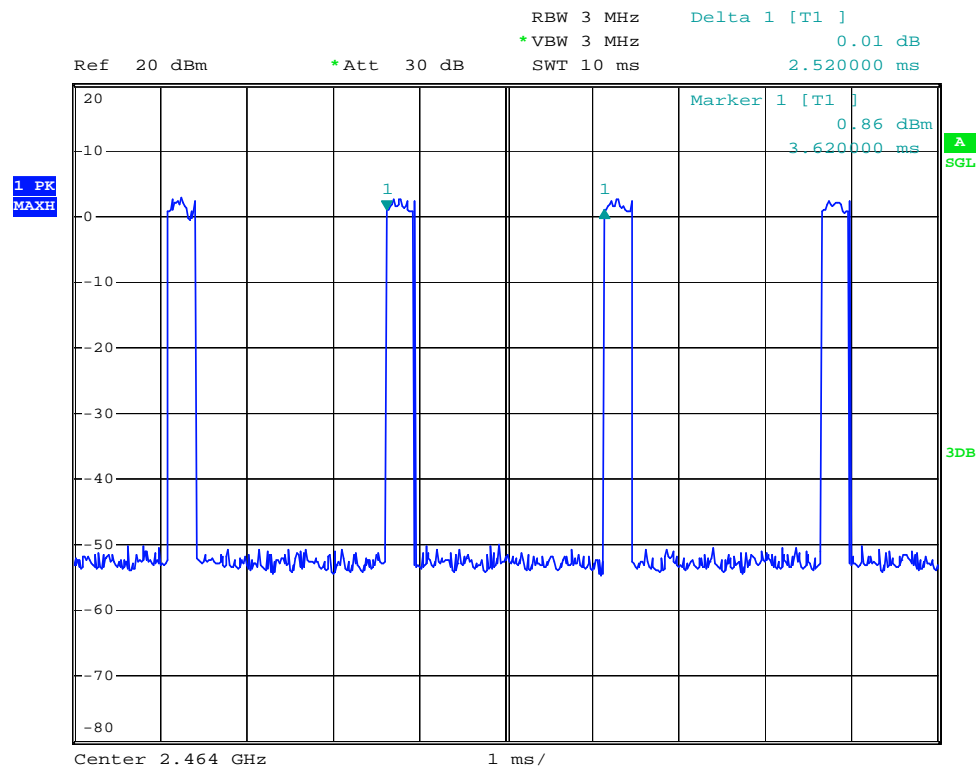
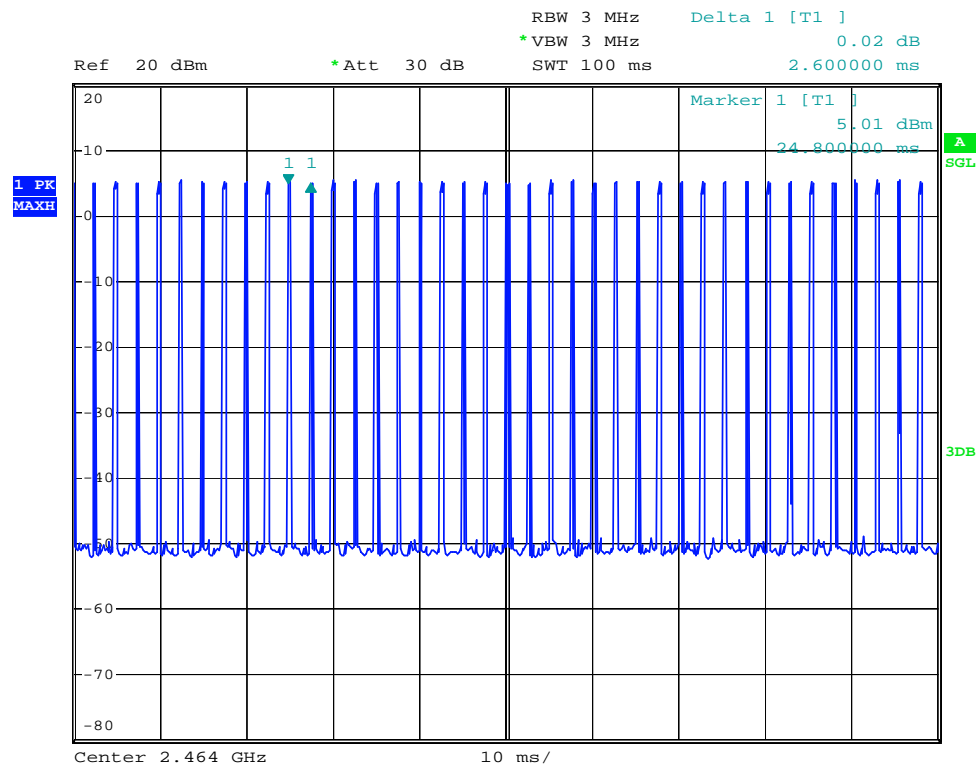
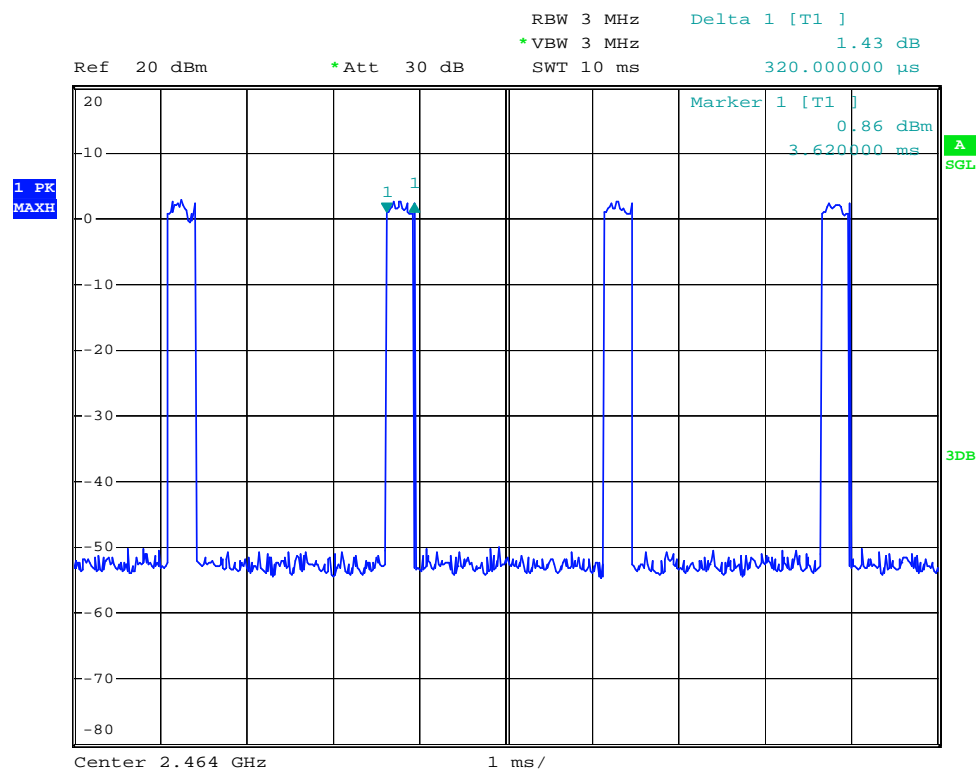


Average Factor Calculation:





The duration of one cycle = 2.52 ms

Effective period of the cycle = 320us

Duty Cycle = $320\text{us} / 2.52\text{ ms} = 0.12698$ or 12.698%

Therefore, the averaging factor is found by $20 \log_{10} 0.12698 = -17.9\text{ dB}$