

Revised Duty Cycle Calculation for AeroScout T2 Tag

P_{ON} – Transmitter maximum “ON” time: 500 μ sec

P_{OFF} – Transmitter minimum “OFF” time: 99.5msec

$$\text{Duty Cycle factor} = 10 \log \frac{P_{ON}}{P_{ON} + P_{OFF}} = 10 \log \frac{0.5}{100} = -23dB$$