

EXHIBIT 3-1**CFS8DL6150RFT****Duty Cycle calculation**

Total number of bytes: 15 bytes

Nominal base band frequency: 4Khz (250usec/bit)

Total time = $15 \times 250\text{usec} \times 8(\text{bits/byte}) = 30 \text{ msec}$

Because of Manchester encoding (50% duty cycle)

On time is: $30\text{msec} \times 0.5 = 15 \text{ msec}$

Therefore, TM2 message Duty Cycle is = $15\text{msec}/100\text{msec} = 15\%$