

EXHIBIT 3

CFS8DL5800RL-1

Message protocol, timing and duty cycle calculation.

The data output is phase encoded Manchester which has inherent 50% duty cycle.

The transmitted data rate is 3.95 kBs +/-0.5%, i.e. each bit is 253.1uS duration typical and 254.3uS max.

The worst case data format consists of 120 bits,

The duration of each word is 30.51 mSec max.

Each word is transmitted 6 times at each transmission event, the words are separated (start to start) by 102mSec.

The total **max transmission time** at each transmission event is **540.51mSec**.

The duty cycle over a 100mSec measuring period is calculated as follows:

Duty Cycle = Actual RF transmission ON time / 100mSec (interval)

Actual transmission ON time = 120 bits X 50% X 254.3uSec = 15.26mSec

Therefore Duty cycle = 15.26 / 100 mSec = .1526 = **15.26%**