

EXHIBIT 3

CFS8DL6150RF

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 word format consists of 72 bits,

The duration of each word is 18.31mSec max.

Each word is transmitted 6 times at each transmission event, the words are separated (start to start) by 120mSec.

The total transmission time at each transmission event is 618.31mSec.

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 :

$$72 \text{ bits} \times 50\% \times 254.3\mu\text{Sec} = 9.15\text{mSec}$$

Therefore Duty cycle = $9.15 / 100 \text{ mSec} = .0915 = 9.15\%$

Summary.

Max on-air time = 618.31mSec

Duty cycle for average power calculation = 10%