

DUTY CYCLE: 3.9 s

Functions of radio, data rate, timer (24.6 ms) and DDS are controlled by the microcontroller.

The algorithm develops as follows:

RF enable
Configuring RF, DDS, etc (26 ms max.)
RF PREAMBLE (24.6 ms x 8 bits)
RF DATA (24.6 ms x 149 bits)
RF disable

Total bit data rate: 157 bits x 24.6 ms

The configuration time is 26 ms

The total time then is 3888 ms (3.9 seconds) when the RF part is ON.

