

At turn on PWS RF module goes into idle state. Sometime after turn on the power(exactly time depends on is output connected to robot or not) PWS RF module enters into receive state from main loop.

If PWS RF module receives a correct RF packet, it goes into transmit state by interrupt and transmits a reply to that received packet. When transmission is over PWS, RF module goes into idle state by interrupt. Then PWS RF module enters into receive state from main loop again and over. In receive mode, if PWS RF module does not get correct RF packet in 630ms time period, it goes into the idle state by interrupt and then again enters into receive state from main loop.