

Tune-Up Procedure

The transmitter is tested during production by measuring the output strength at 2457MHz using a 32Hz message rate. A proprietary calibrated receiver is used to determine RF strength of the unit under test and the number of received messages. The signal received is optimized and a pass/fail threshold is determined by engineering during product development.

This process is repeated after assembly with the production firmware which tests the strength at 2457MHz using a 4.044Hz message rate for F4ECNA01 and a 4.036Hz message rate for F4ECNA00.