

SECTION 2.1033(b) (2a). For Part 15 a statement describing how the device operates.

The 5870API senses motion via the motion sensor chip U4. When motion is detected the micro-controller U1 enables the single chip transmitter U2, U1 also supply's the modulation to U2. U2 is a single chip PLL transmitter with a fixed divide ratio of 32, Whose FDE is crystal YL3, $10.78125 \text{ MHz} \times 32 = 345 \text{ MHz}$) L1, C14, L2, C15, C16, C17, tune U2's output and provide a match for the antenna ANT1.