FCC Part 15

1. **Radiated Emissions (Spurious Emissions inclusive Restricted Bands Requirement)**
2. **Radiated Emissions (Fundamental and Harmonics)**
3. **20dB Bandwidth**
4. **Duty Cycle Factor Computation**

The EUT was exercised by operating in following modes:

1. The circuitry operates with 2 x AA Batteries
2. The EUT is operated by pressing one of the momentary switches. The switch makes contact on the PCB which inputs voltage to the digital encoder input. The digital encoder sends a pulse modulated signal to the RF oscillator section. The RF oscillator section transmits a signal at 433.92 MHz via a PCB antenna
3. The remote control consists of a ZLP32300S28XX Micro-Controller.
4. Key-Pad Scanning Matrix, and a RF Module operating at 433.92 MHz
5. The circuitry uses a 13.56 MHz Crystal Oscillator and a 8 MHz Resonator.
6. The data is generated by the MCU, then FSK modulated at 433.92 MHz carrier to a PWB trace Loop Antenna. A 256 x 8 EPROM is used to store the ID settings.