

SECTION 2.1033(b) (2a). For Part 15 a brief description of the circuit functions of the device.

The 5808LP-1 is a battery powered smoke detector & alarm transmitter and is part of a wireless-alarm system. It is used in conjunction with a receiver (5881) to indicate a possible fire event to the alarm system. The 5808LP-1 is produced in four variants: The 5808L is the standard product, the 5808LT includes a thermal detector, and the 5808LS includes a sounder, and the 5808LST includes both a sounder and thermal detector. The radio circuitry is on the same PCB as the smoke detector and the Radio Frequency circuitry is not affected by the addition of the thermal or sounder options. The messages are standard alarm messages transmitted at 345Mhz +/-82Khz using on-off keyed AM modulation. The 5808LP-1 sends a regular supervision or check-in message, no more often than once per hour.