

Point Six , Inc.

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To Whom It May Concern:

The Point Six, Inc. wireless IR Door transmitter (model Point Sensor IR Door) transmits a 15-16 millisecond packet once each 30-10 seconds. This is identical to the data packet timing of a previously certified "M5ZWOW".

The packet consists of transmitter-on/transmitter-off timing that represents the serial number and pressure data. The duty cycle is approximately 50%. The packet time can vary with serial number between 14-16 milliseconds. The packet data is controlled by a microprocessor whose timing is based on a ceramic resonator that is very stable. The packet below (figure #2) illustrates a typical data packet, the worst case, 16 milliseconds, cannot be shown because serial number would have to be forced to make this so. Figure #1 illustrates the overall timing; a packet is sent each 10 seconds in this worst case.

The batteries used during the tests were new and are standard 3.6 Volt Lithium cells. The batteries were 3.6 Volt Lithium chemistry, which has a flat discharge curve from new to about 90% used. In this application the battery requires about 5 years to discharge to the point that it cannot be used. The battery was used for no other purpose and had operated in the test unit for only a short time when the test was performed.

The label will be Flexcon 2 mil PM200S mylar with a Flexcon 1 mil PM100C Polyester laminate.

John I. Compton
President, Point Six, inc.

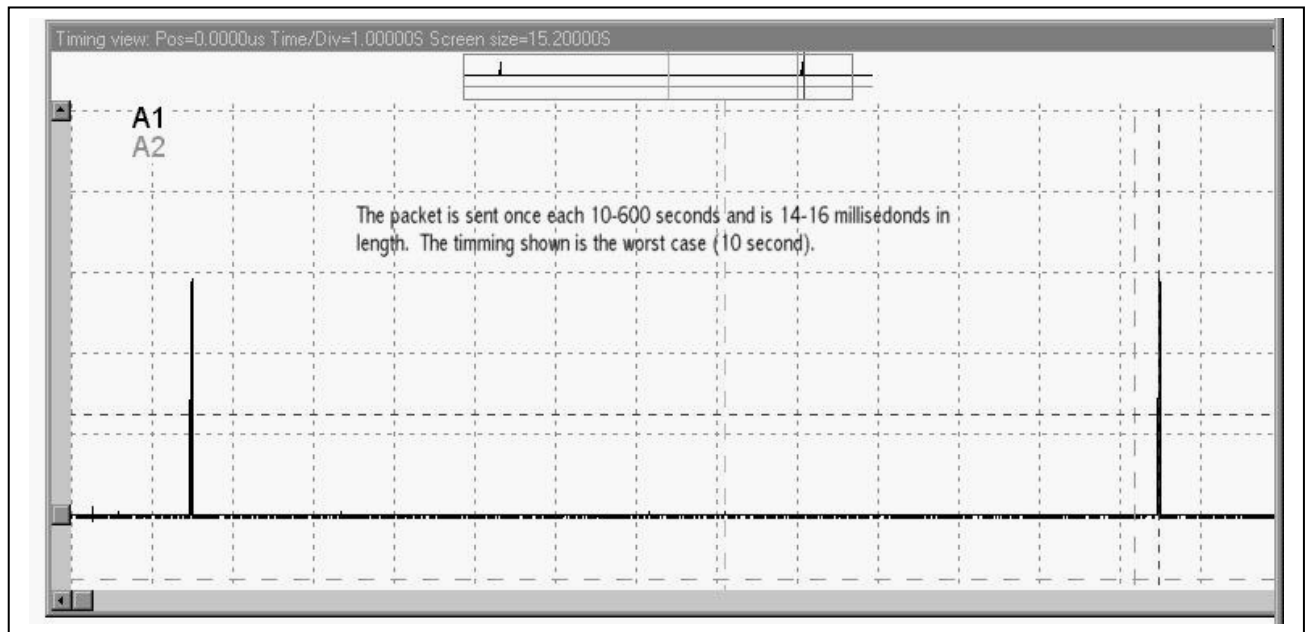


Figure #1 Overall timing

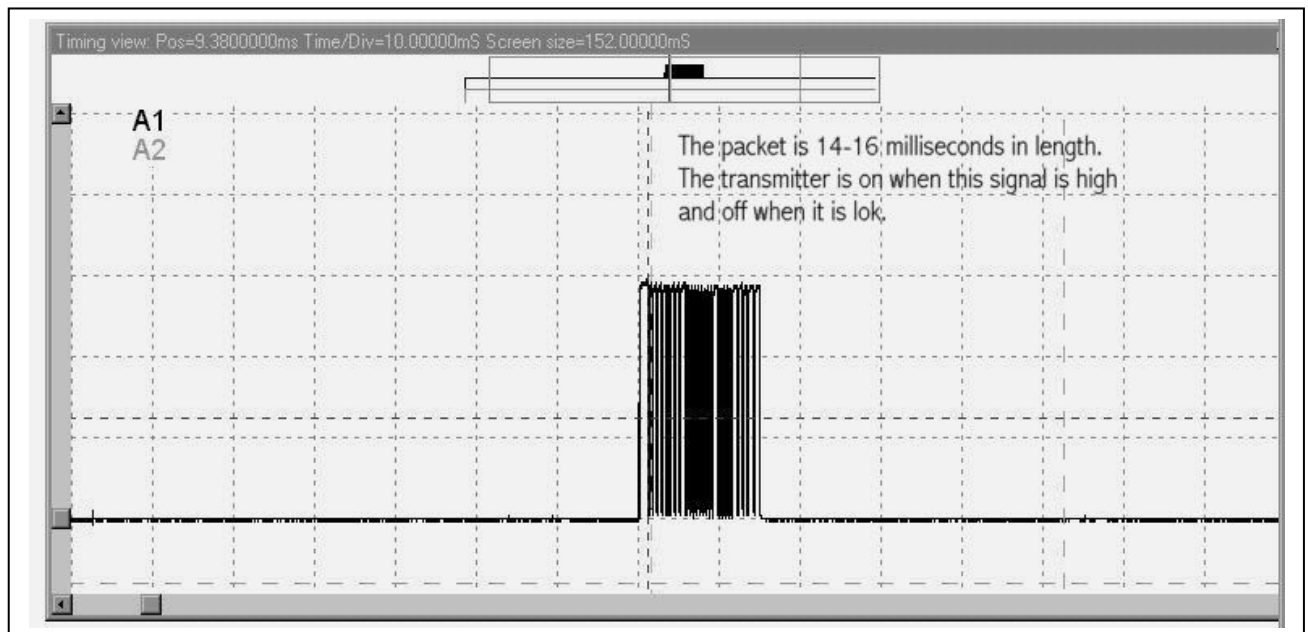


Figure #2 Packet Timing