

# *Inevitable Technologies Inc.*

**Performance Data: MPR-2 Antenna**

**Test facility: Orbcomm, LLC (Dulles, VA) March 2009**

## **MPR-2 when mounted Horizontally** *(top facing the sky – simulating: roof mount)*

**\* MPR-2 performs at ~83% of a Half Wave Whip \***

### **Messages sent:**

MPR-2: 1,666 messages sent over the test period..

Half Wave Whip: 2,021 messages sent over the test period

### **InevTech's MPR-2 antenna**

50.1% of the messages in the first minute.

72.6% of the messages by the second minute.

95% of the messages in 12 minutes.

98% of the messages in 15 minutes.

99.8% of the messages in 30 minutes.

### **Reference: Half Wave Whip**

48% of the messages in the first minute.

71.9% of the messages by the second minute.

95% of the messages in 8 minutes.

98% of the messages in 12 minutes.

100% of the messages in 26 minutes.

## **MPR-2 mounted Vertically** *(top facing forward – simulating: leading edge of Trailer)*

**\* MPR-2 performs at ~87% of a Half Wave Whip \***

### **Messages sent:**

MPR-2: 1,594 messages sent over the test period.

Half Wave Whip: 1,832 messages sent over the test period.

### **InevTech's MPR-2 antenna**

50% of the messages in the first minute.

74.5% of the messages by the second minute.

95% of the messages in 7 minutes.

98% of the messages in 12 minutes.

99.9% of the messages in 21 minutes.

### **Reference: Half Wave Whip**

54.6% of the messages in the first minute.

77.5% of the messages by the second minute.

95% of the messages in 6 minutes.

98% of the messages in 10 minutes.

100% of the messages in 22 minutes.