



# Test Setup Photos

**EUT Name:** Hand-Held Interrogator

**EUT Model:** PI900W

**FCC ID:** G8JHHI05

**IC ID:** 4557C-HHI05

FCC Title 47, Part 15C, RSS-210 Issue 8, ANSI C63.10:2009

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### Test Setup Photos:

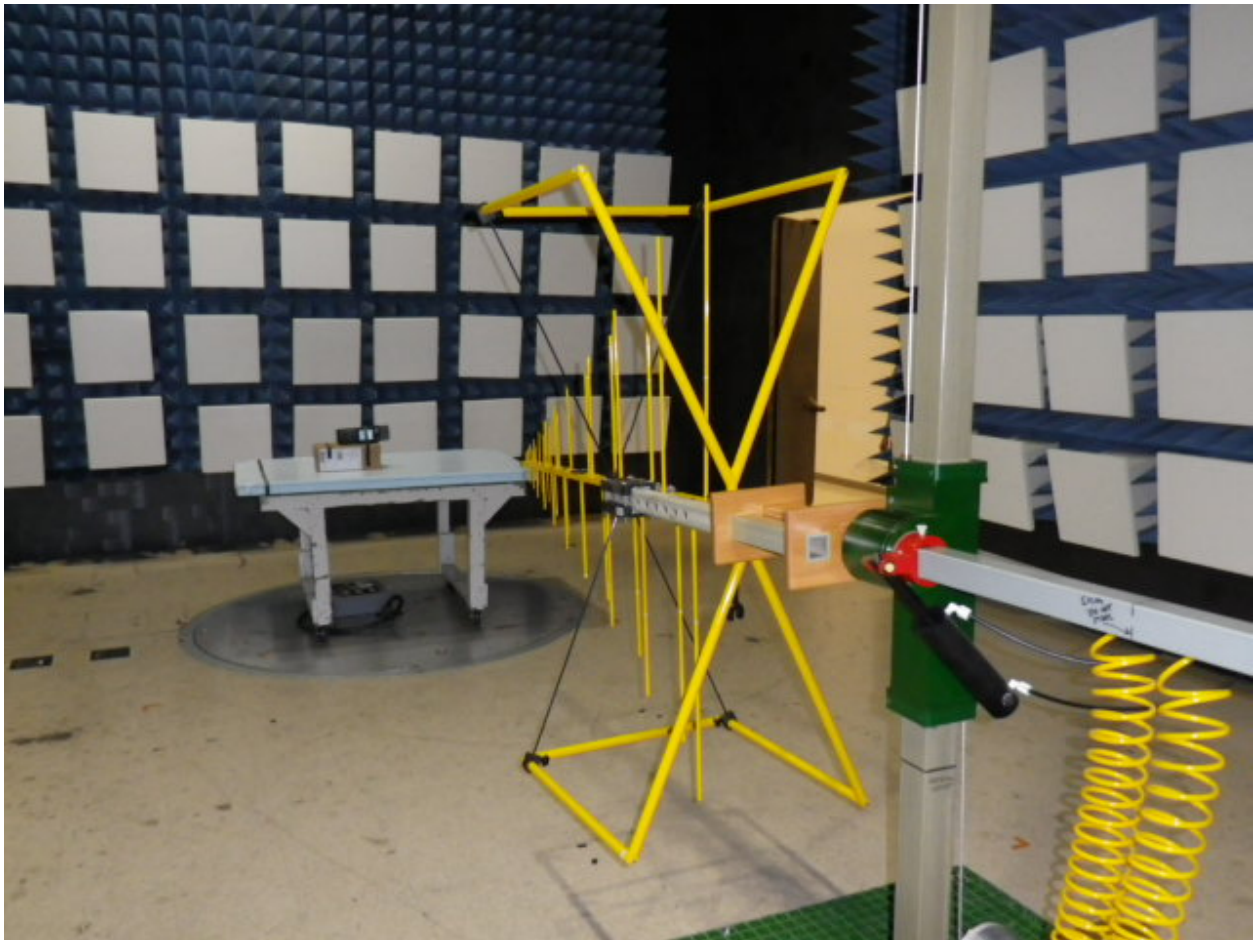


Figure 1: Typical Radiated Emissions – 30 MHz to 1000 MHz.



Figure 2: Typical Radiated Emissions at 3m – 1 GHz to 18 GHz.



Figure 3: Orientation 1 investigated.

Each orientation was rotated through 360° with the receiving antenna in Horizontal and then Vertical.  
The emissions were monitored using a spectrum analyzer to determine the worst-case orientation.



Figure 4: Orientation 2 investigated

NOTE: This orientation yielded the highest emissions and it confirmed the manual manipulation of the antenna around the apparatus.



Figure 5: Orientation 3 investigated



Figure 6: Orientation 1 with whip antenna investigated

Each orientation was rotated through 360° with the receiving antenna in Horizontal and then Vertical.

The emissions were monitored using a spectrum analyzer to determine the worst-case orientation.

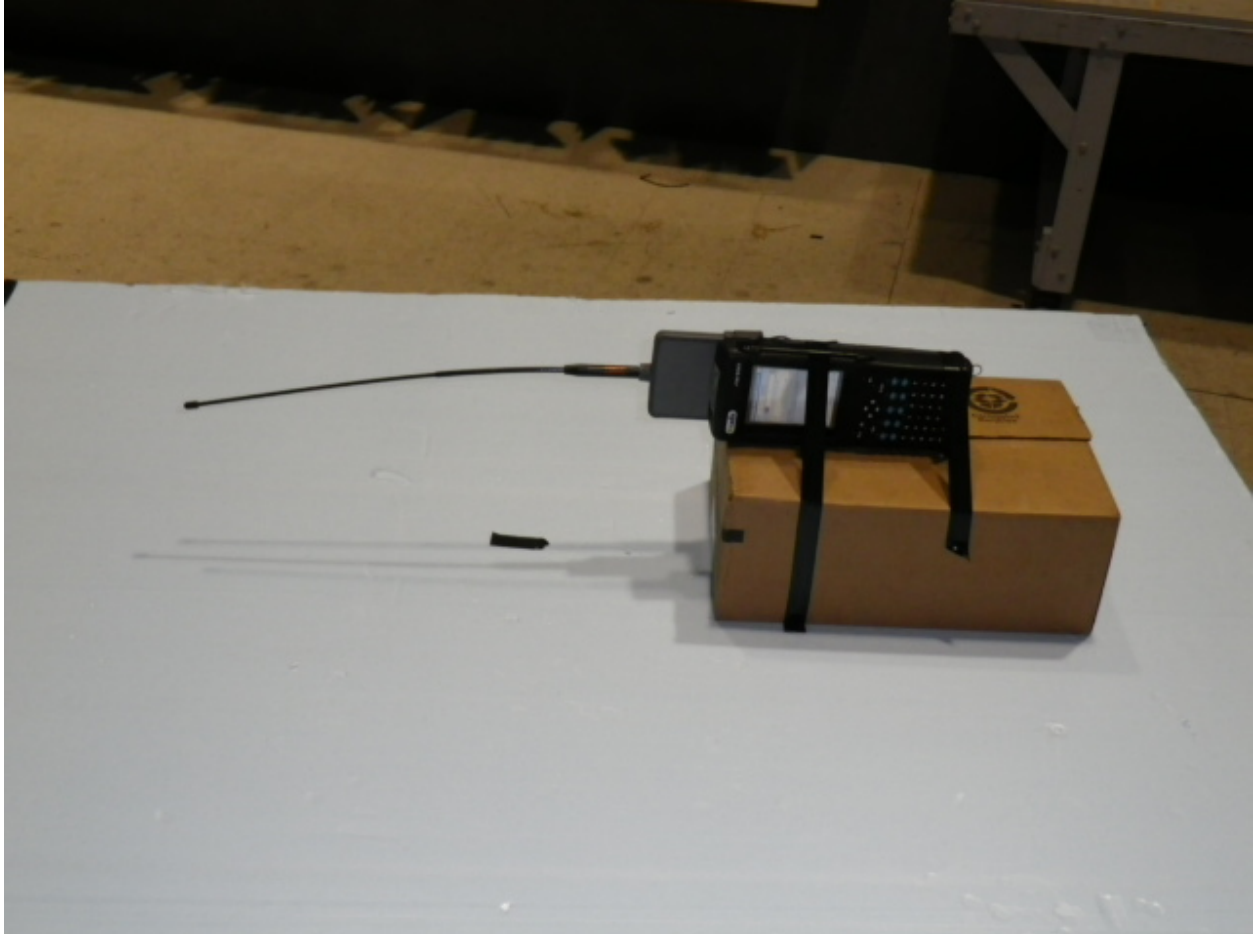


Figure 7: Orientation 2 with whip antenna investigated

NOTE: This orientation yielded the highest emissions and it confirmed the manual manipulation of the antenna around the apparatus.



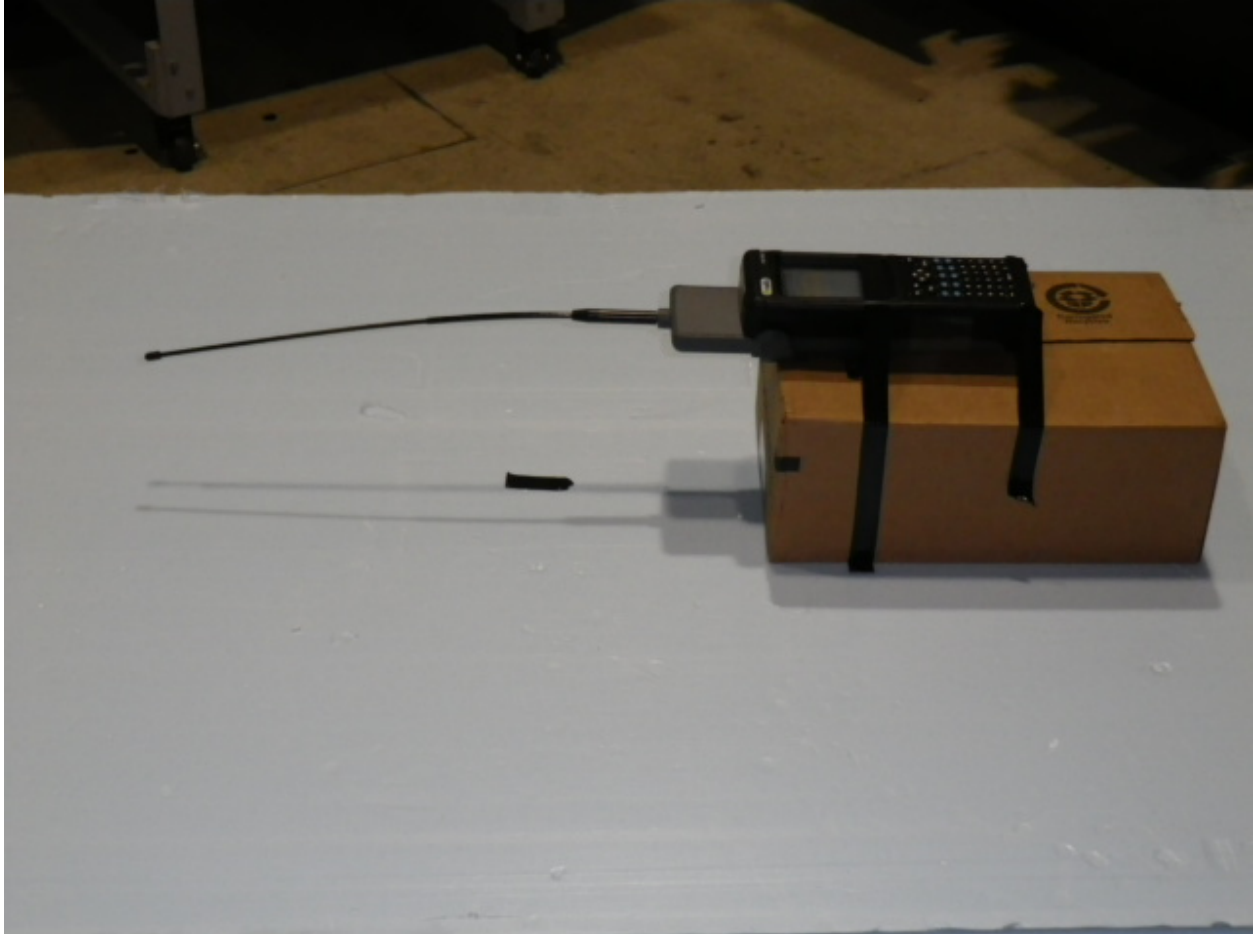


Figure 8: Orientation 3 with whip antenna investigated



Figure 9: Typical Conducted RF Measurements