



Test Setup Photos

EUT Name: Firefly RFID Expansion Card

EUT Model: Wireless interface

FCC ID: SD8FFP466M12P1

IC ID: 10968A-FFP466M12P1

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 1 GHz shown, front view



Figure 2: Typical Radiated Emissions – 30 MHz to 1 GHz shown, rear view



Figure 3: Typical Radiated Emissions – Above 1 GHz shown, Front view



Figure 4: Typical Radiated Emissions – Above 1 GHz shown, rear view



Figure 5: Radiated Emissions – Orientation A

Investigation for highest emissions

Orientation A provided the highest emissions

Notes: The cover was removed to allow access to the EUT.

The handheld unit and charger IS NOT the EUT. They are used as the host equipment for the EUT.



Figure 6: Radiated Emissions – Orientation B
Investigation for highest emissions



Figure 7: Radiated Emissions – Orientation C
Investigation for highest emissions

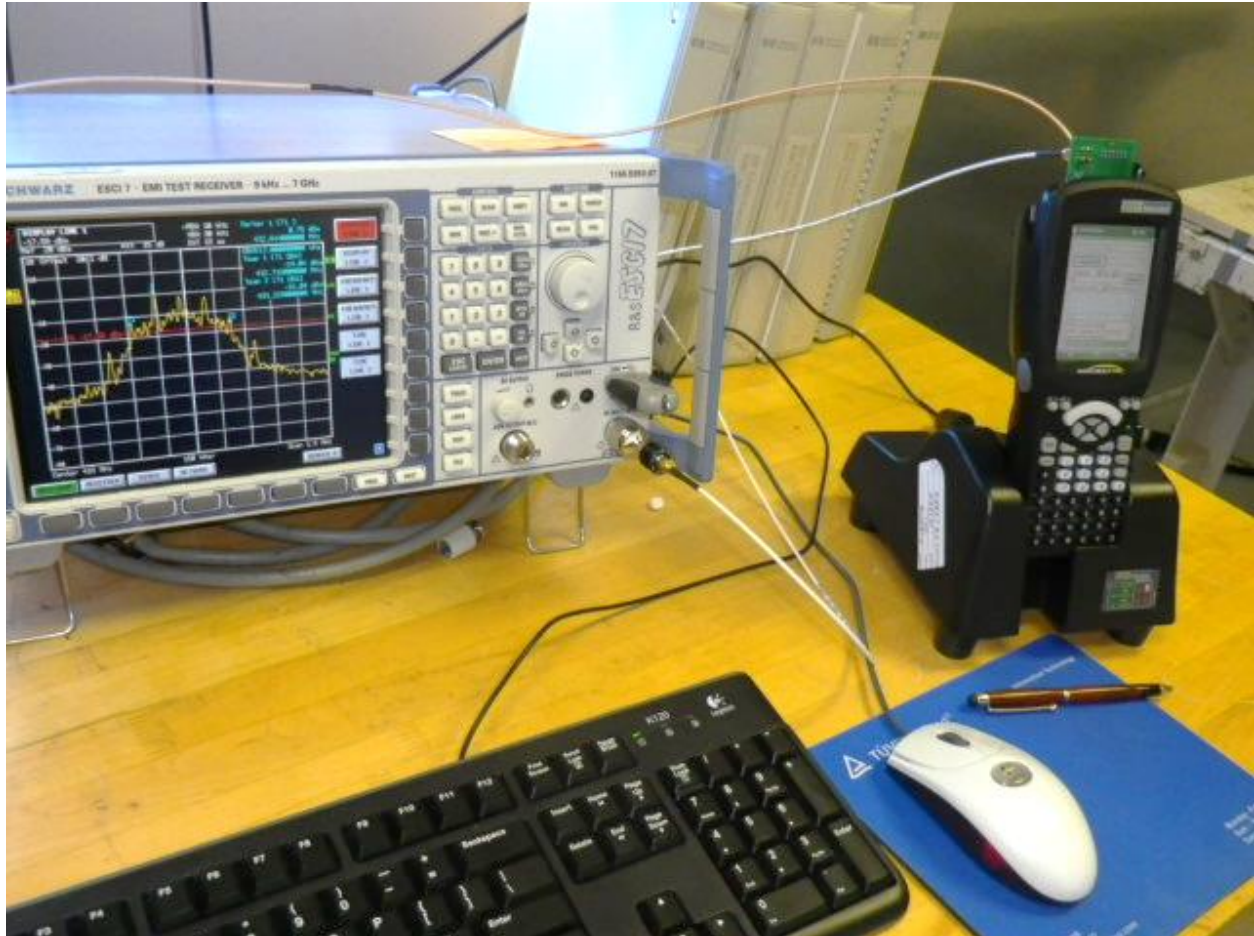


Figure 8: Typical Conducted measurements at the antenna ports.

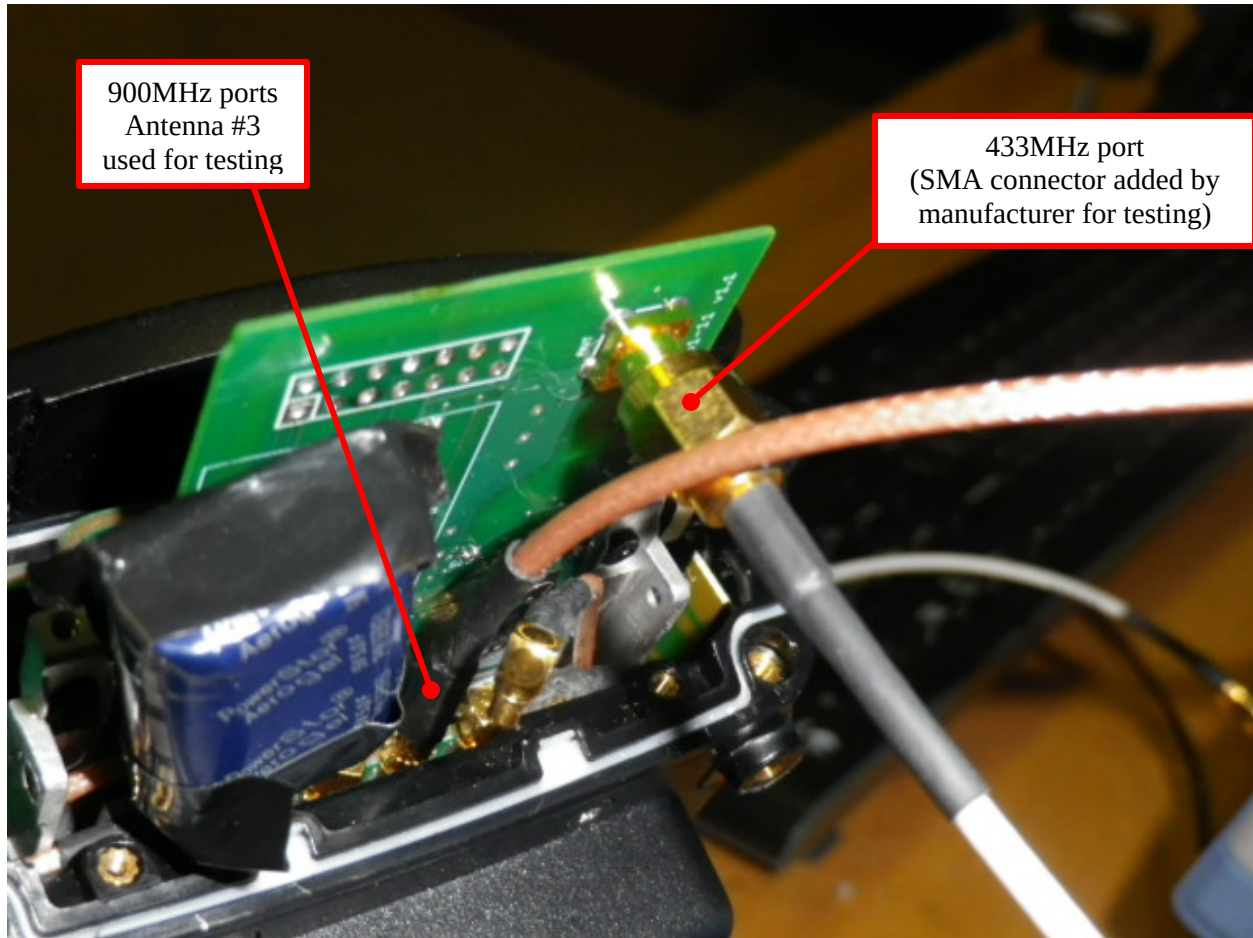


Figure 9: Antenna connections at the EUT.



Figure 10: Antenna Modification: 433MHz antenna cut from circuit for conducted measurements.



Figure 11: Other 900 MHz antenna ports investigated.