



# Test Setup Photos

**EUT Name:** Zigbee Transmitter/Receiver

**EUT Model:** Limited Modular Device

**FCC ID:** YJ4CMGYZCDCZ31

FCC Title 47, Part 15, SubpartC, RSS-210 Issue 8, ANSI C63.4:2009

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### Test Setup Photos:



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



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

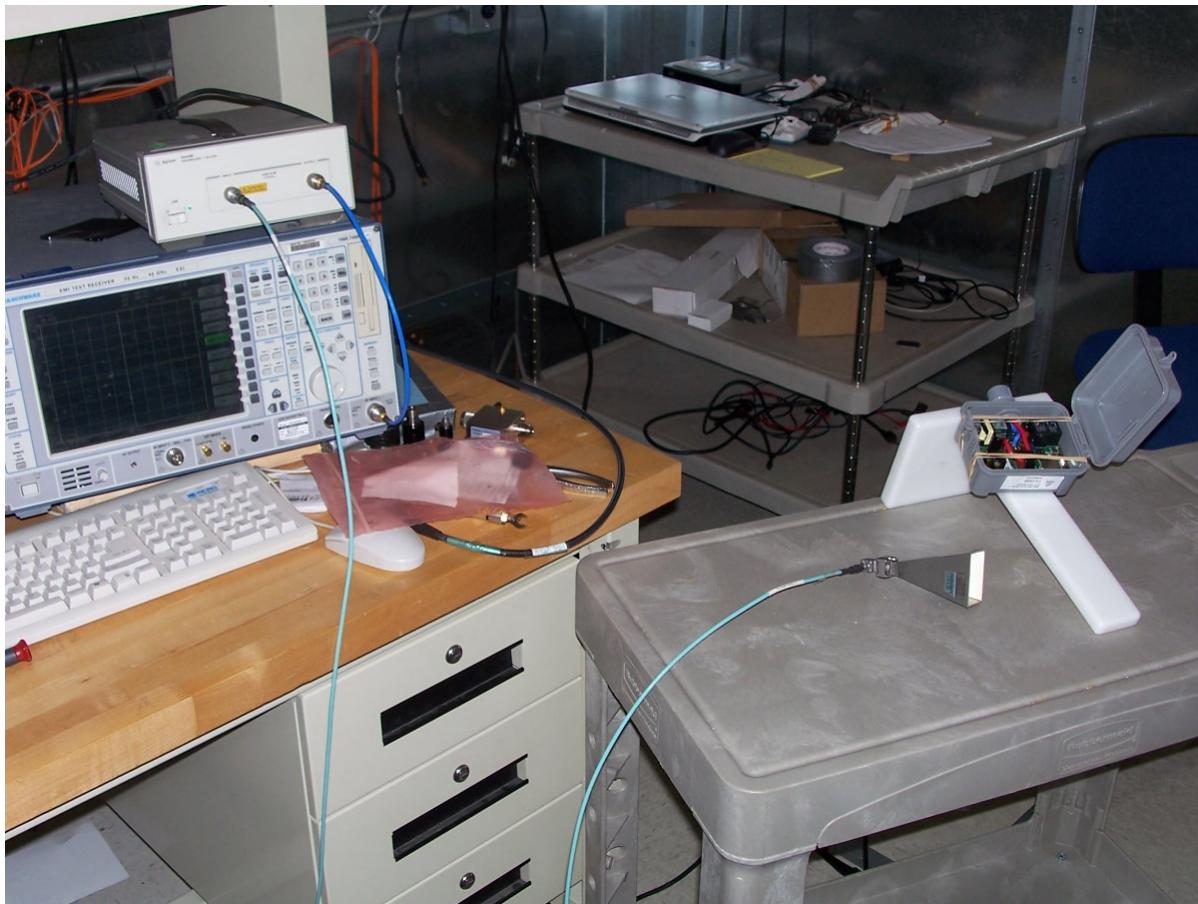


Figure 3: Radiated Emissions at 1m – 18 GHz to 26.5 GHz.

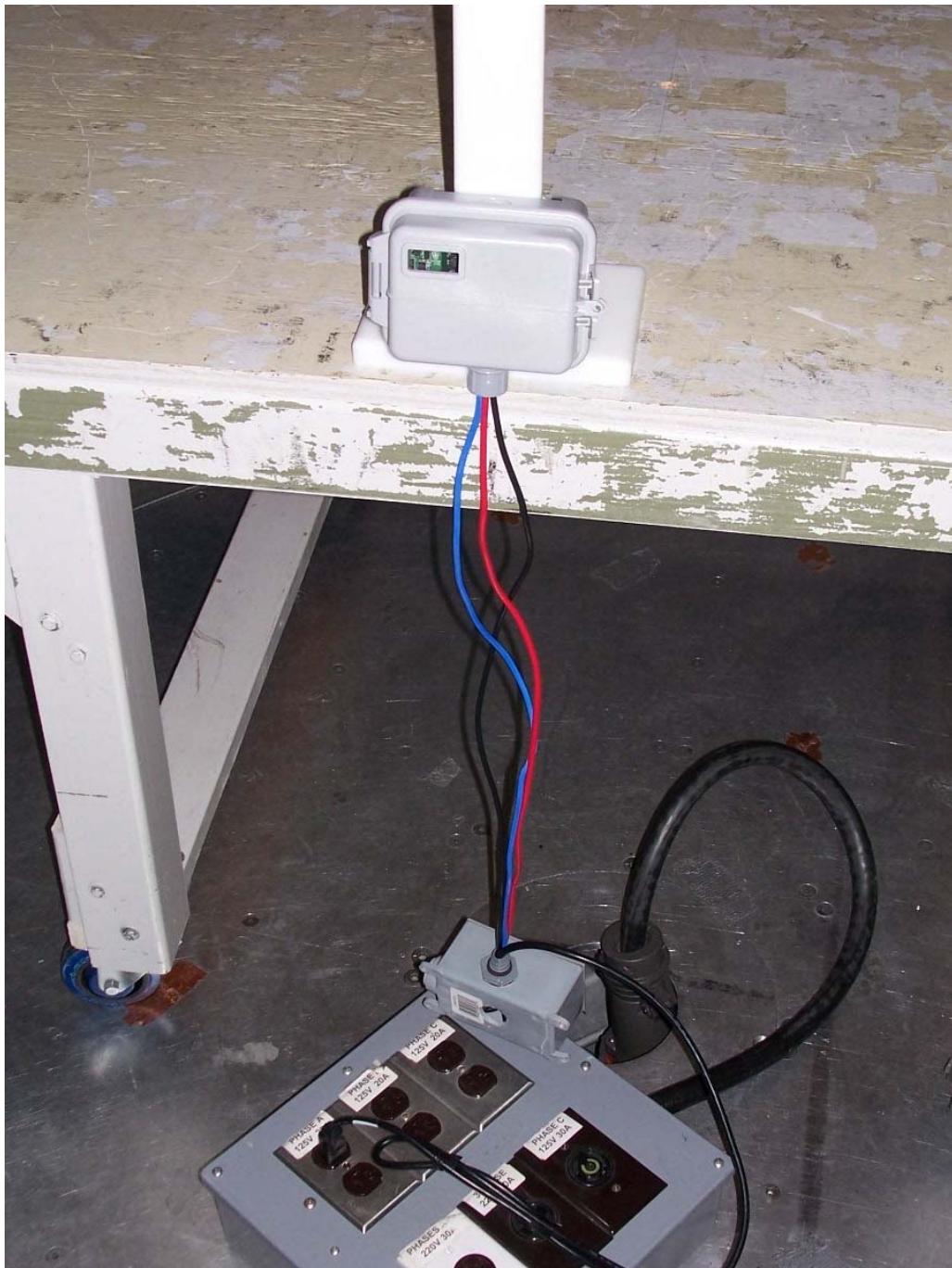


Figure 4: Orientation 1 investigated. (EUT not loaded)

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

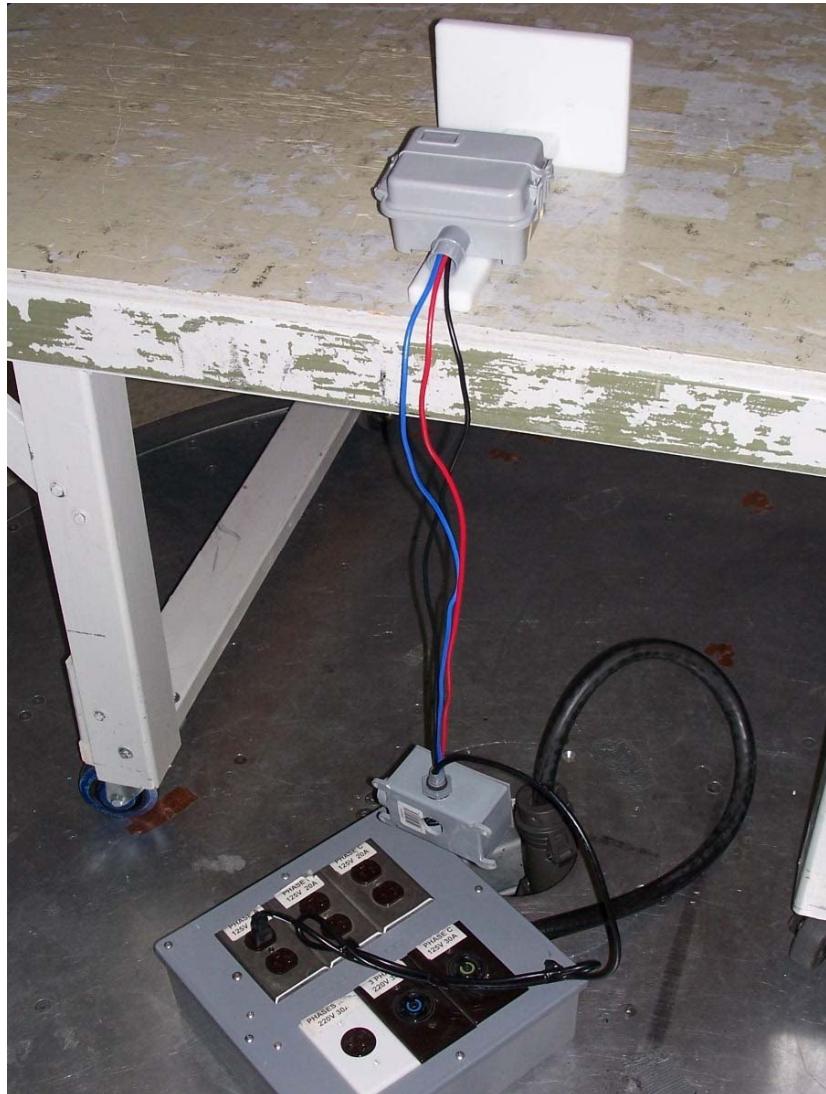


Figure 5: Orientation 2 investigated

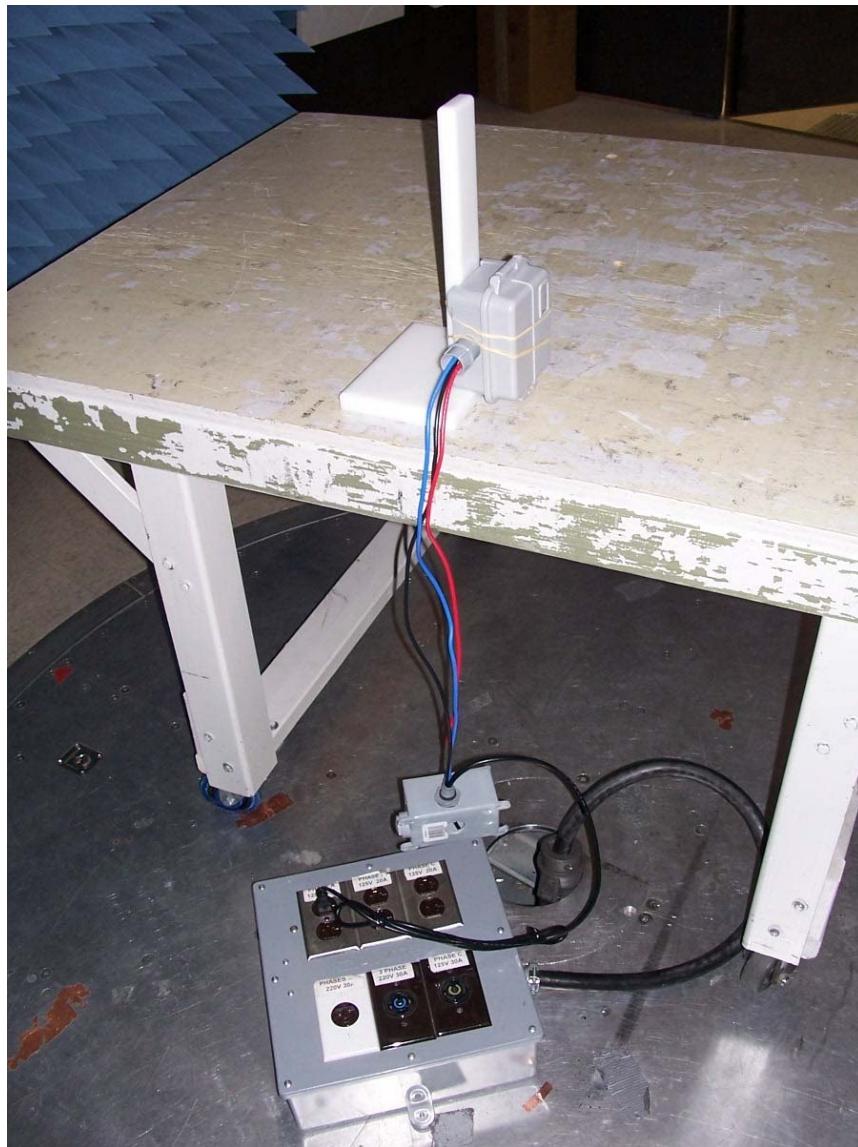


Figure 6: Orientation 3 investigated

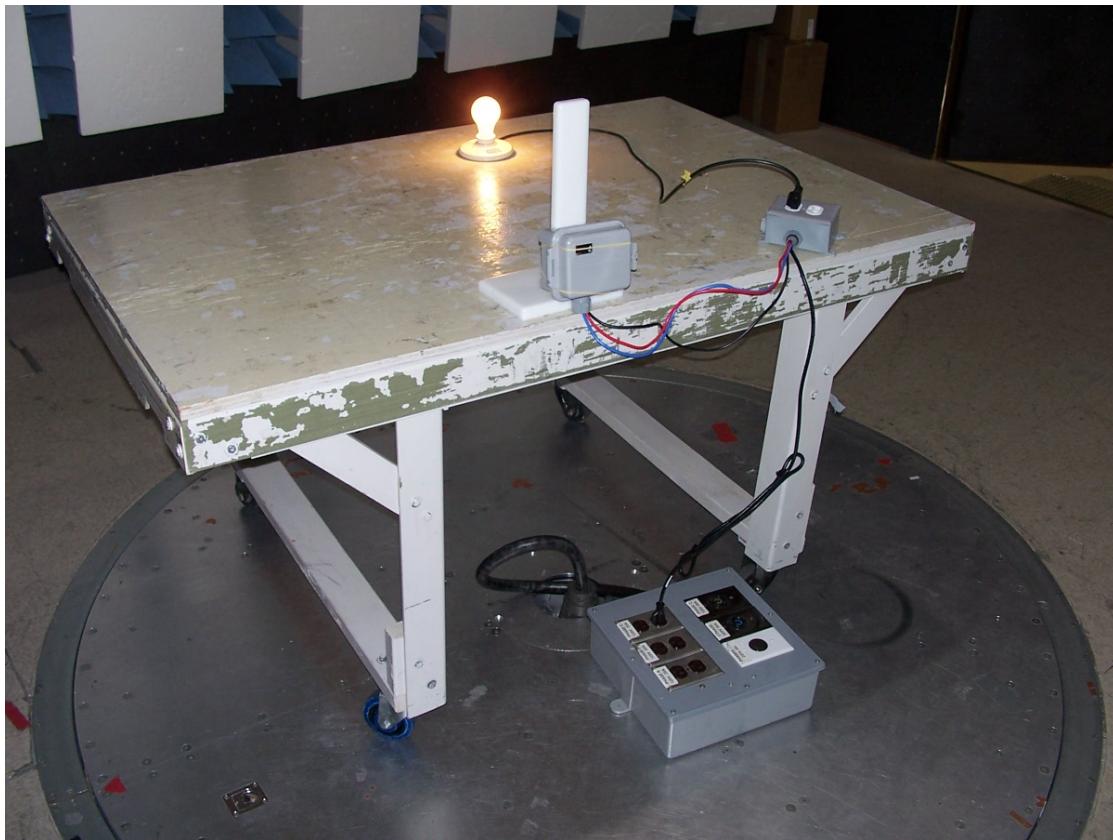


Figure 7: Radiated Emissions Test Setup (EUT with a Load)



Figure 8: Radiated Emissions (1 to 18 GHz)



Figure 9: Radiated Emissions Investigated (18 to 25 GHz)

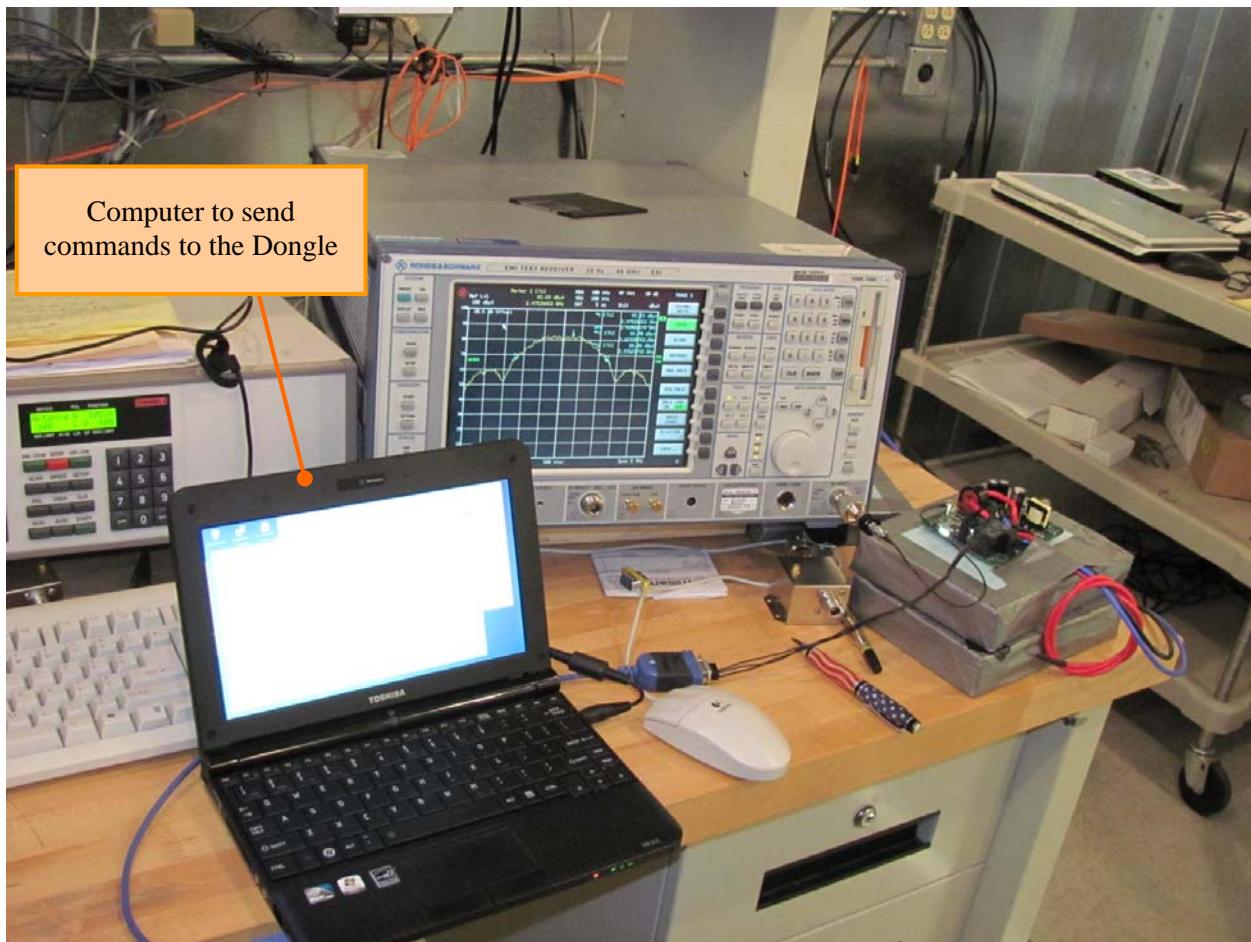


Figure 10: Conducted RF measurements



Figure 11 – Close up view of RF Conducted measurements and extreme voltage tests.

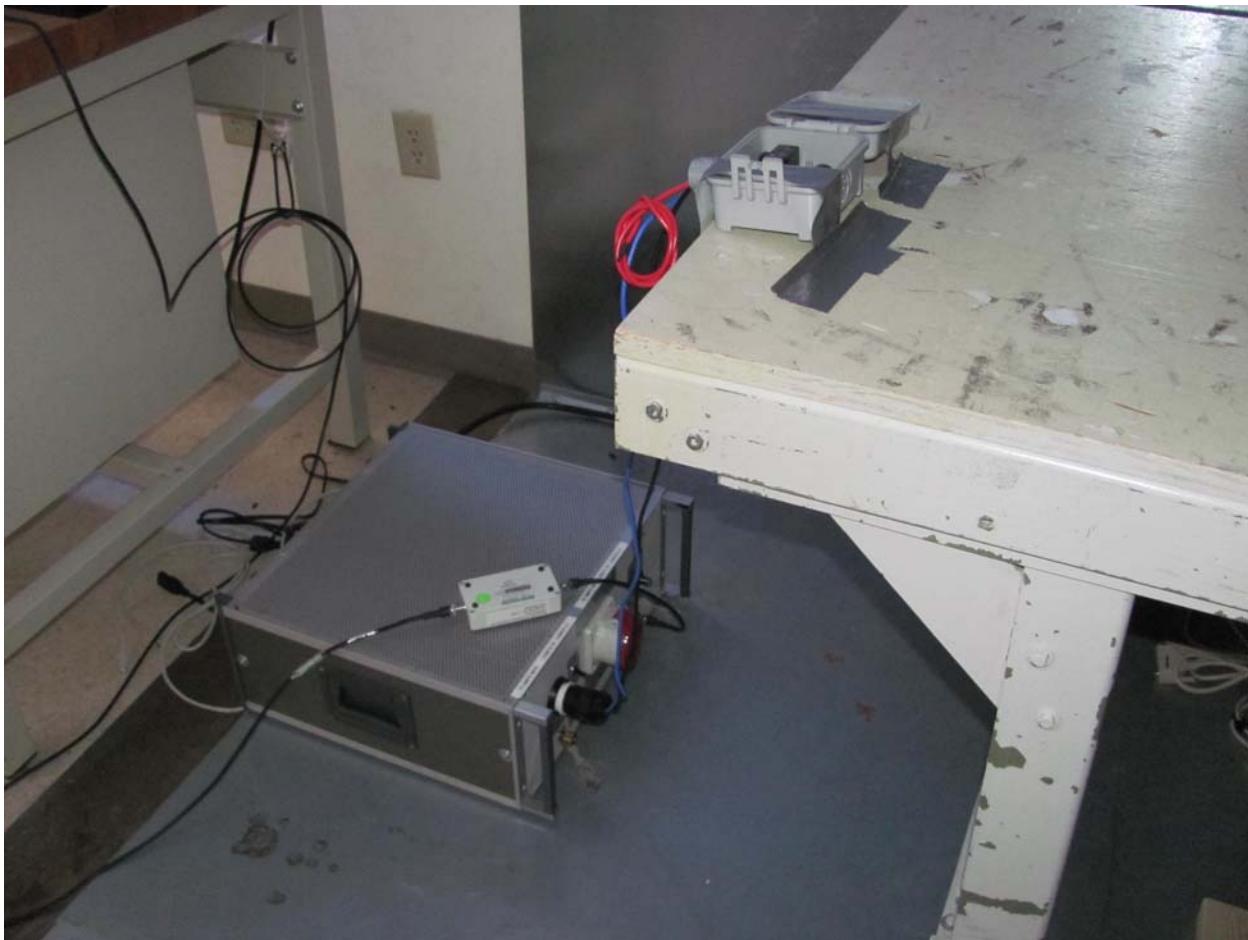


Figure 12 – View of Conducted Emissions on AC Mains.