



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

Prepared for:

Thi Phan
Consert, Inc.
4700 Falls of Neuse Road, Suite 340
Raleigh, NC 27609 USA
Tel: 919-855-1060
Fax: 919-606-8978

Prepared by:

TUV Rheinland of North America
762 Park Avenue
Youngsville, NC 27596
Tel: (919) 554-3668
Fax: (919) 554-3542
<http://www.tuv.com/>

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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.

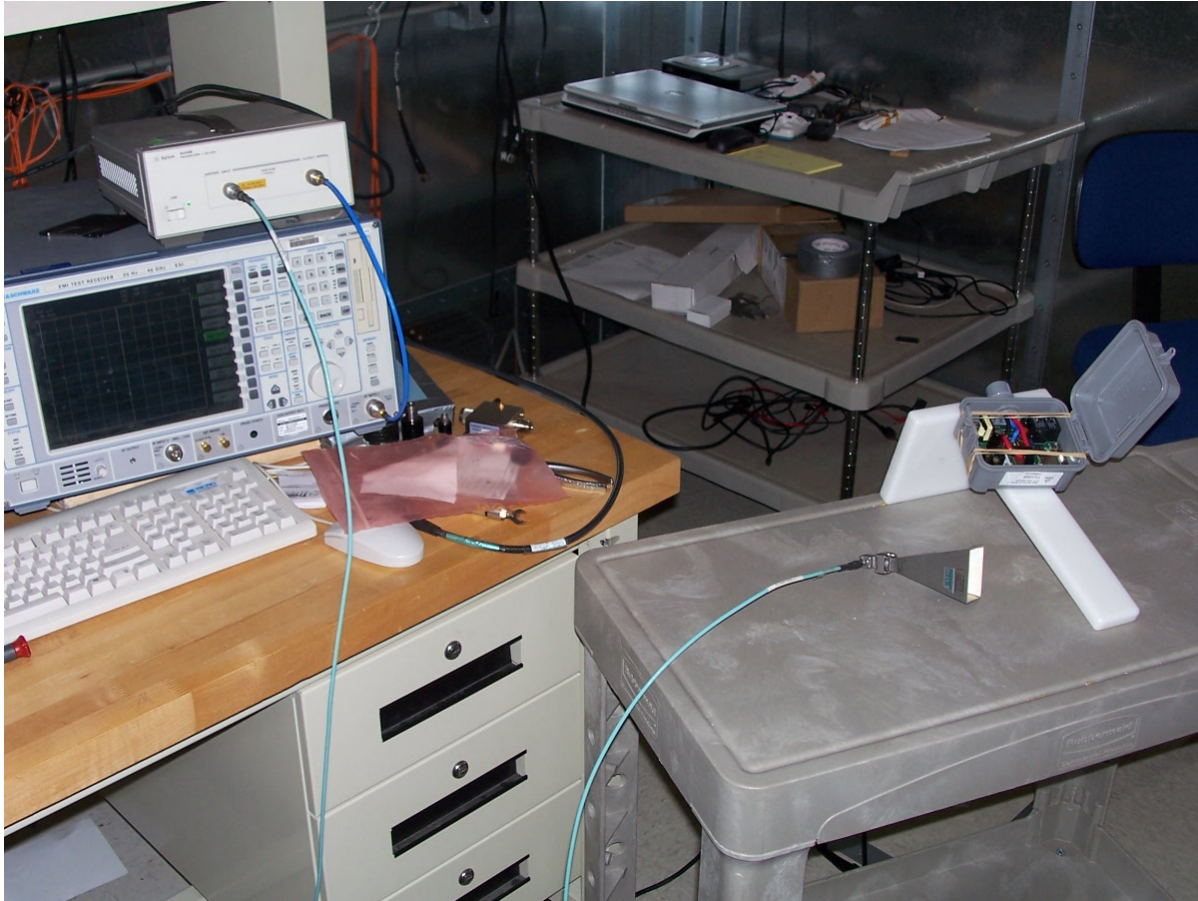


Figure 3: Radiated Emissions at 1m – 18 GHz to 26.5 GHz.

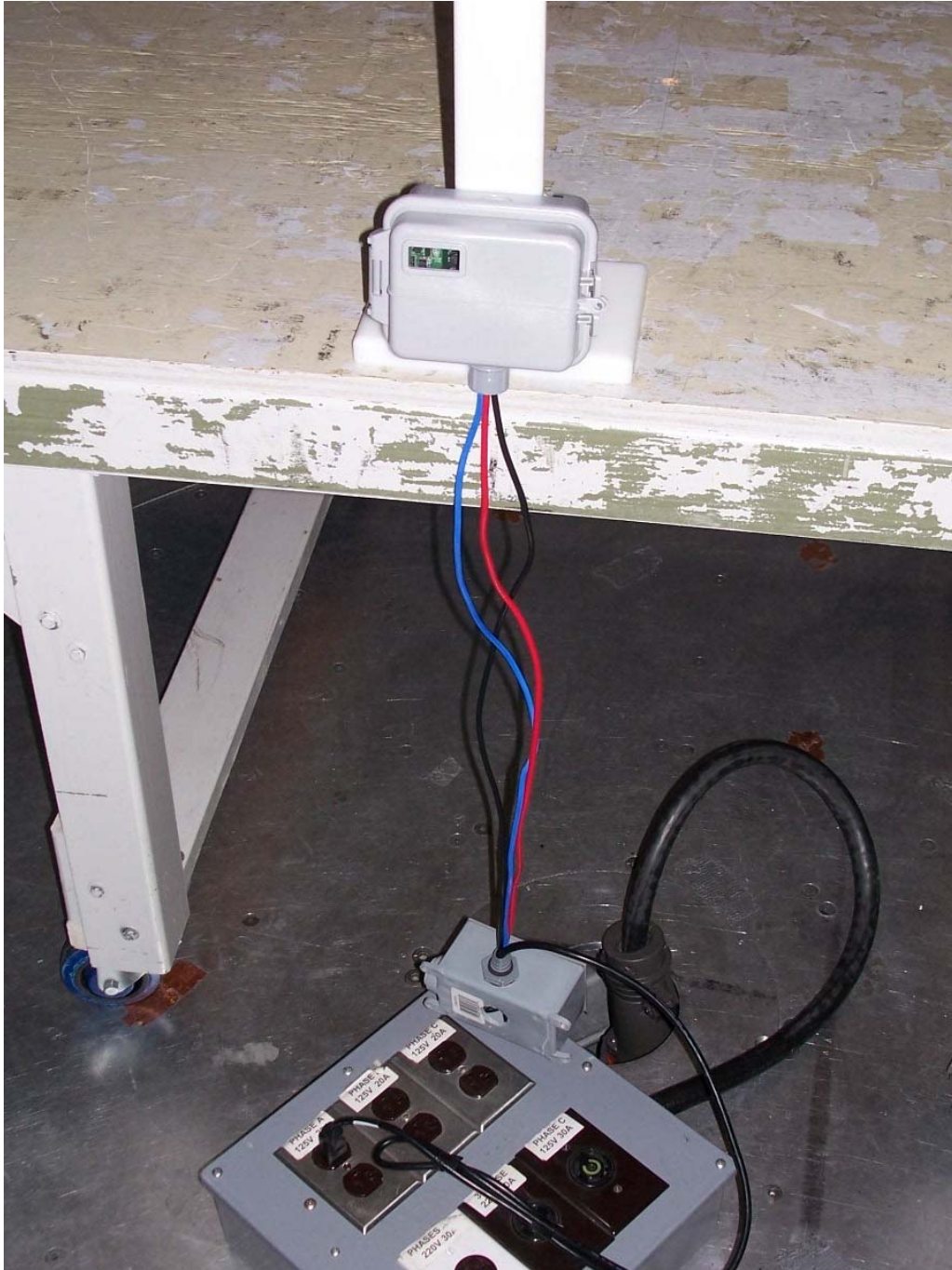


Figure 4: Orientation 1 investigated. (EUT not loaded)

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

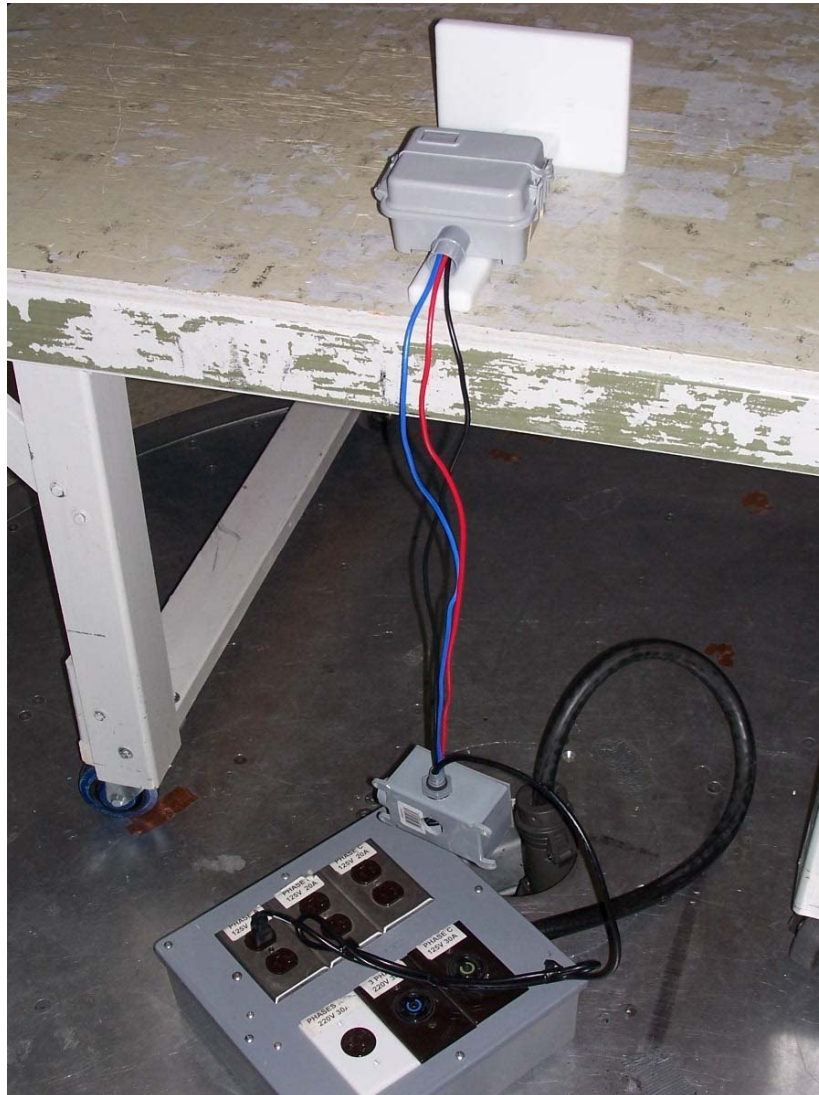


Figure 5: Orientation 2 investigated

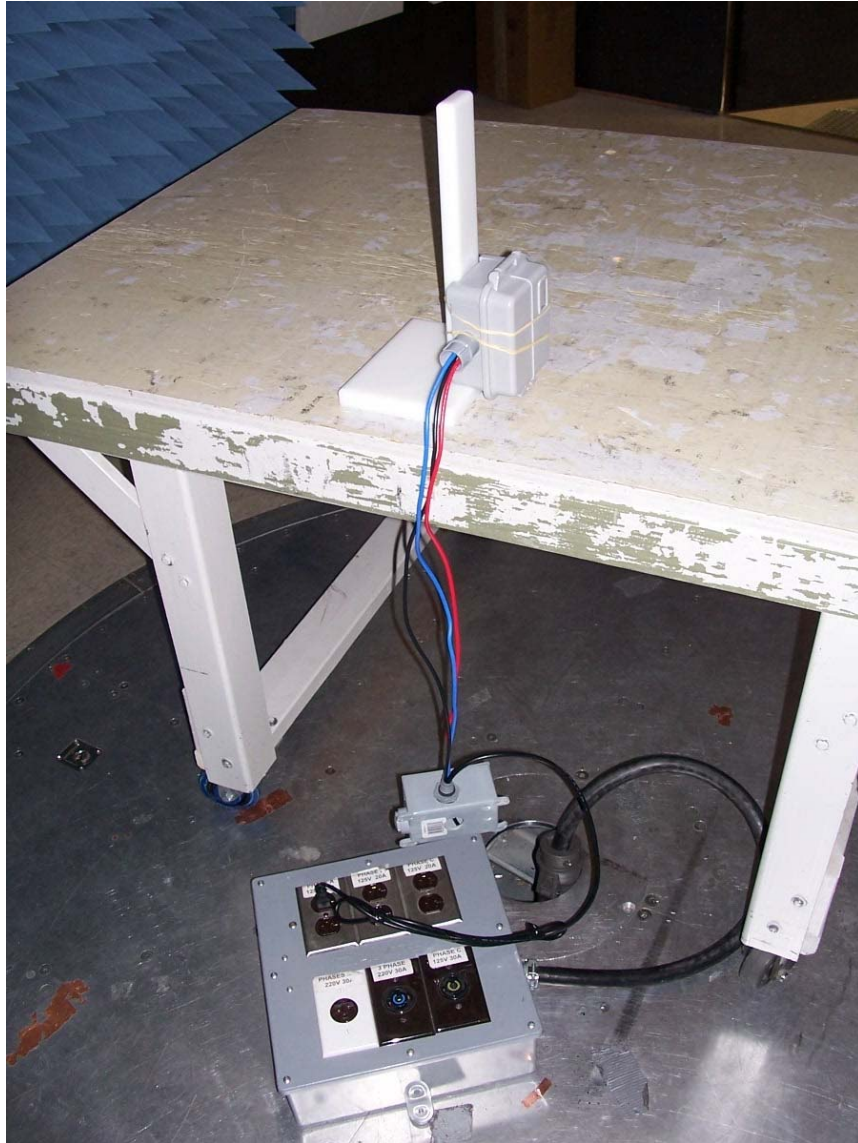


Figure 6: Orientation 3 investigated

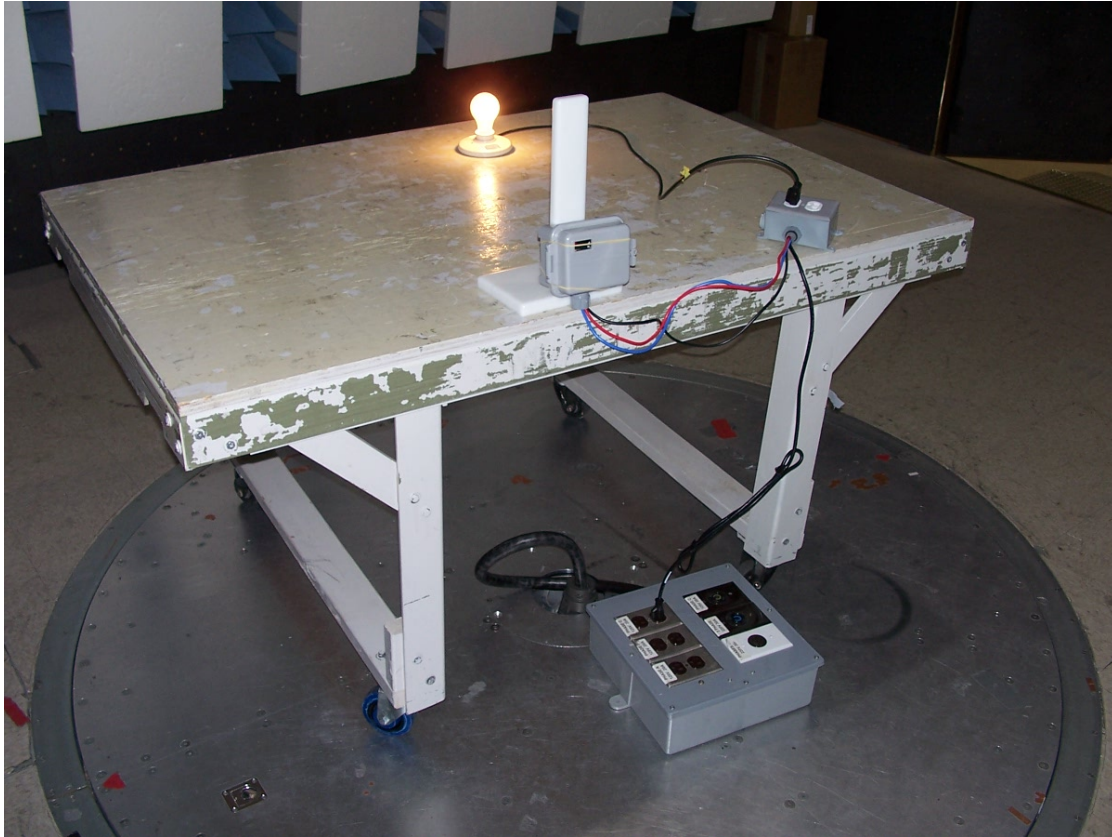


Figure 7: Radiated Emissions Test Setup (EUT with a Load)



Figure 8: Radiated Emissions (1 to 18 GHz)

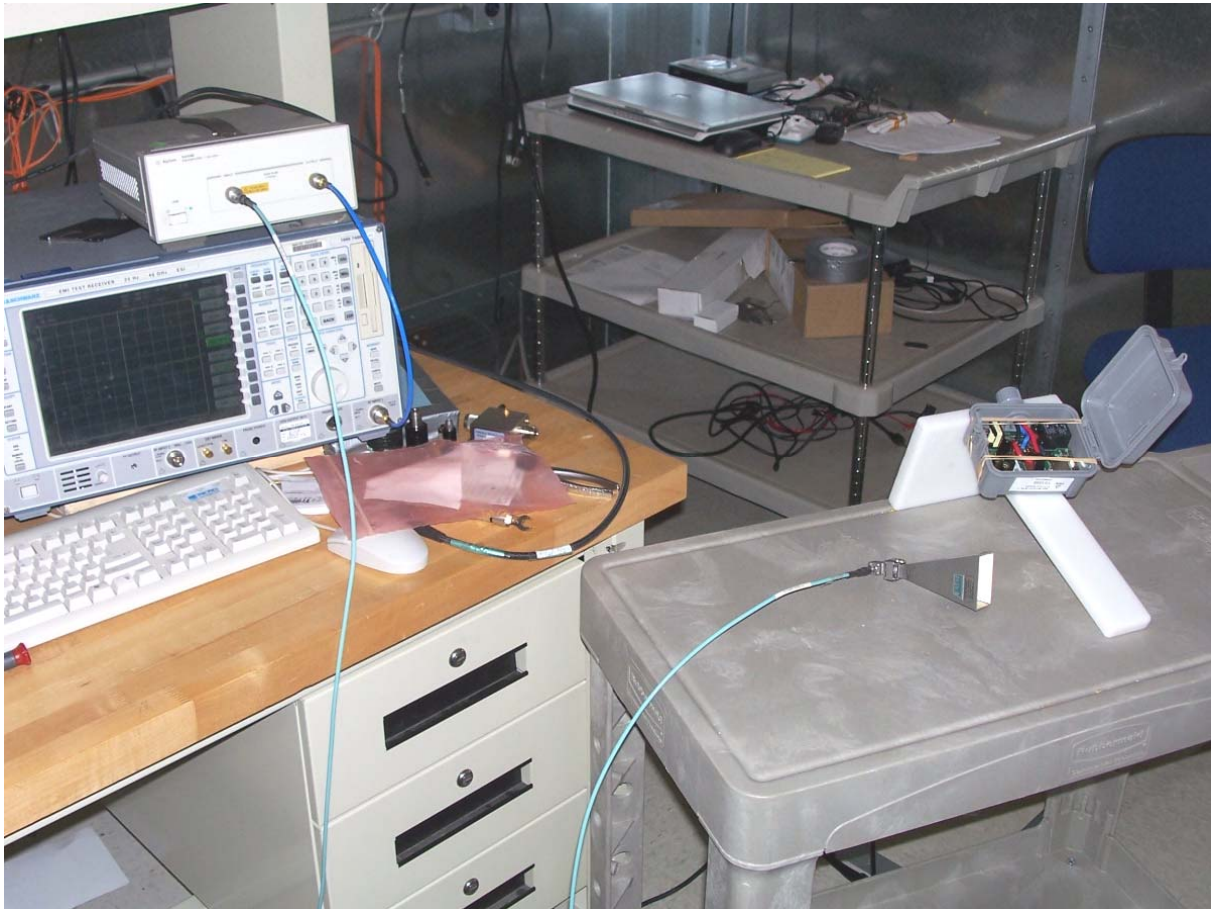


Figure 9: Radiated Emissions Investigated (18 to 25 GHz)

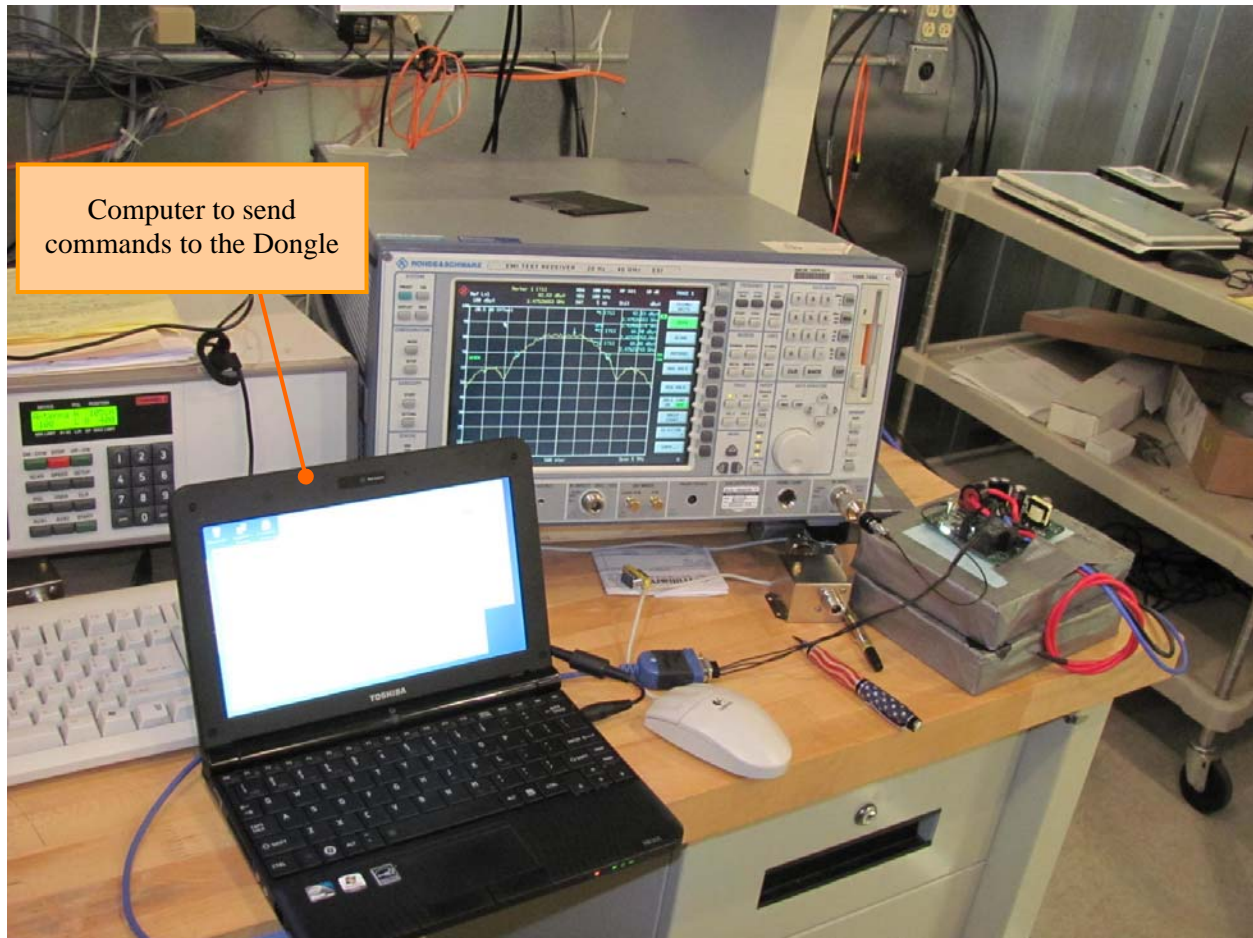


Figure 10: Conducted RF measurements

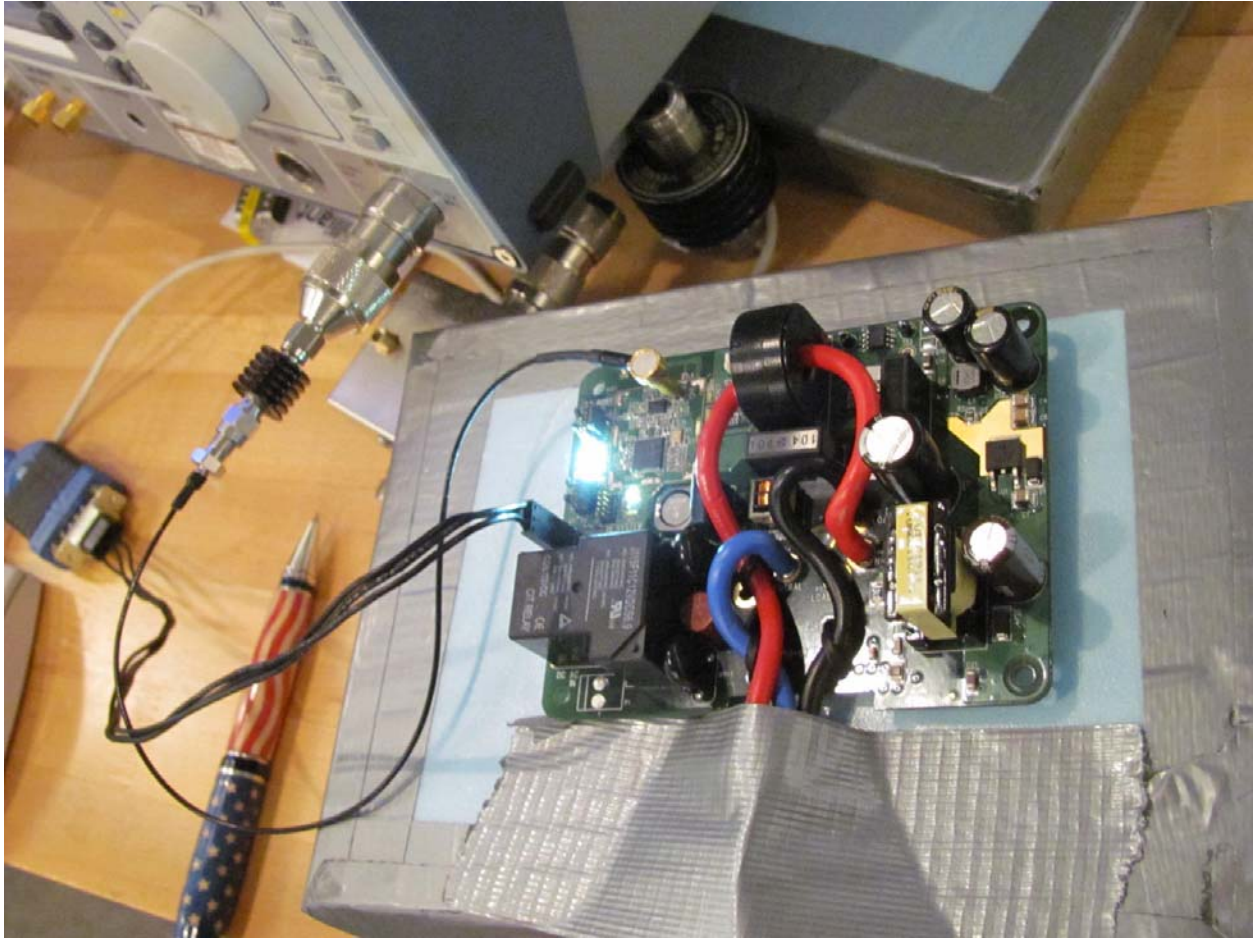


Figure 11 – Close up view of RF Conducted measurements and extreme voltage tests.



Figure 12 – View of Conducted Emissions on AC Mains.