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Technical Report No. 07-027ph

**Test Setup Photos
Xpress-R**

3/14/07

Conducted Emissions



Photograph 1 : Test Setup for Conducted Emissions



Photo 2 : Test Setup for Conducted Emissions

Radiated Emissions

Home Stand



Photograph 3 : Home Cradle Radiated Emissions Setup

FM Direct Adapter



Photograph 4 : FM Direct Adapter Radiated Emissions Setup

Cassette Adapter



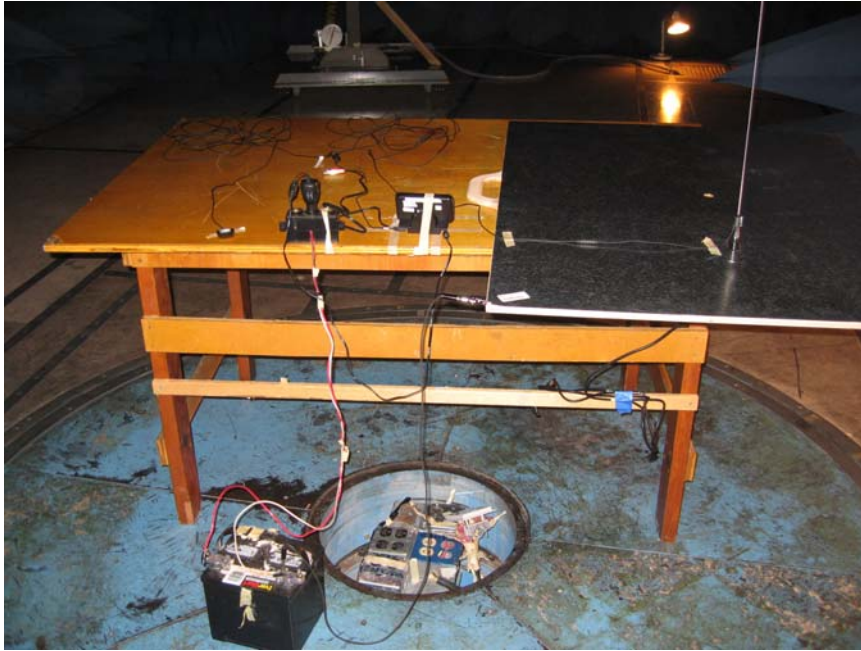
Photograph 5 : XM Cassette Adapter Radiated Emissions Setup

XM Antenna Only



Photograph 6 : XM Antenna Only Radiated Emissions Setup

Intentional Radiator – FM coupler(Sure-Connect)



Photograph 7: Xpress Cradle, Sure-Connect 1.0



Photograph 8 : Universal cradle, Sure-Connect 1.5

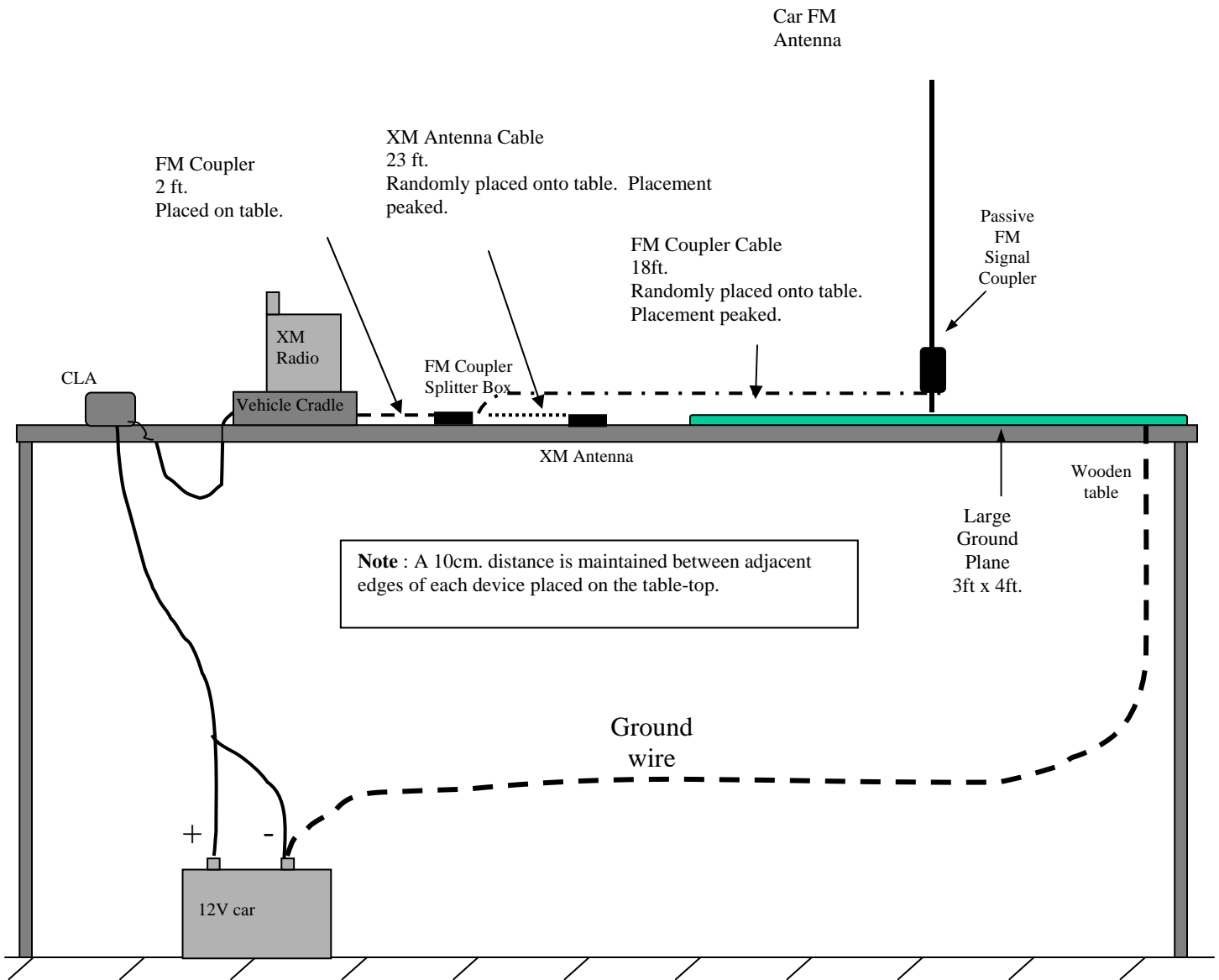


Diagram 1 : Intentional Radiator Measurements

In Vehicle Measurements



Photograph 9 : Lexus SUV



Photograph 10 : Lexus SUV



Photograph 11 : Lexus SUV



Photograph 12 : Toyota Camry



Photograph 13 : Toyota Camry



Photograph 14 : Toyota Camry



Photograph 15: Cadillac Escalade



Photograph 16: Cadillac Escalade



Photograph 17: Cadillac Escalade

Occupied Bandwidth



Photograph 18: Representation of Occupied Bandwidth Setup

End of Report