



**RETLIF
TESTING
LABORATORIES**

Put Us To The Test™

3131 Detwiler Road
Harleysville, PA 19438 USA
Tel: (215) 256-4133 • Fax: (215) 256-4130 • www.retlif.com

Siemens Mobility, Inc.

**Train Guard Mass Transit Zub Wayside Equipment
50 kHz Control Circuit and 850 kHz Data Receiving Circuit with Vehicle Coupling Coil (VCC)**

FCC ID: 2A8HRS25442-MX-A1

Test Setup Photographs



40 YEARS OF TESTING EXCELLENCE

Corporate Headquarters:
795 Marconi Avenue
Ronkonkoma, NY 11779 USA
Tel: (631) 737-1500
Fax: (631) 737-1497

101 New Boston Road
Goffstown, NH 03045 USA
Tel: (603) 497-4600
Fax: (603) 497-5281

Washington Regulatory Compliance
1600 North Oak Street, #1710
Arlington, VA 22209 USA
Tel: (703) 528-3895

**15.209 Radiated Emissions Limits
Test Photographs, 50 kHz at 10 Meters**



EUT Configuration



Retlif Testing Laboratories

Siemens Mobility, Inc.
FCC ID: 2A8HRS25442-MX-A1
Report No. R-3578P-3

**15.209 Radiated Emissions Limits
Test Photographs, 50 kHz at 10 Meters**



Parallel Antenna Polarization



Perpendicular Antenna Polarization



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**15.209 Radiated Emissions Limits
Test Photographs, 50 kHz at 10 Meters**



Horizontal Antenna Polarization



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**15.209 Radiated Emissions Limits
Test Photographs, 850 kHz at 3 Meters**



EUT Configuration



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**15.209 Radiated Emissions Limits
Test Photographs, 850 kHz at 3 Meters**



Parallel Antenna Polarization



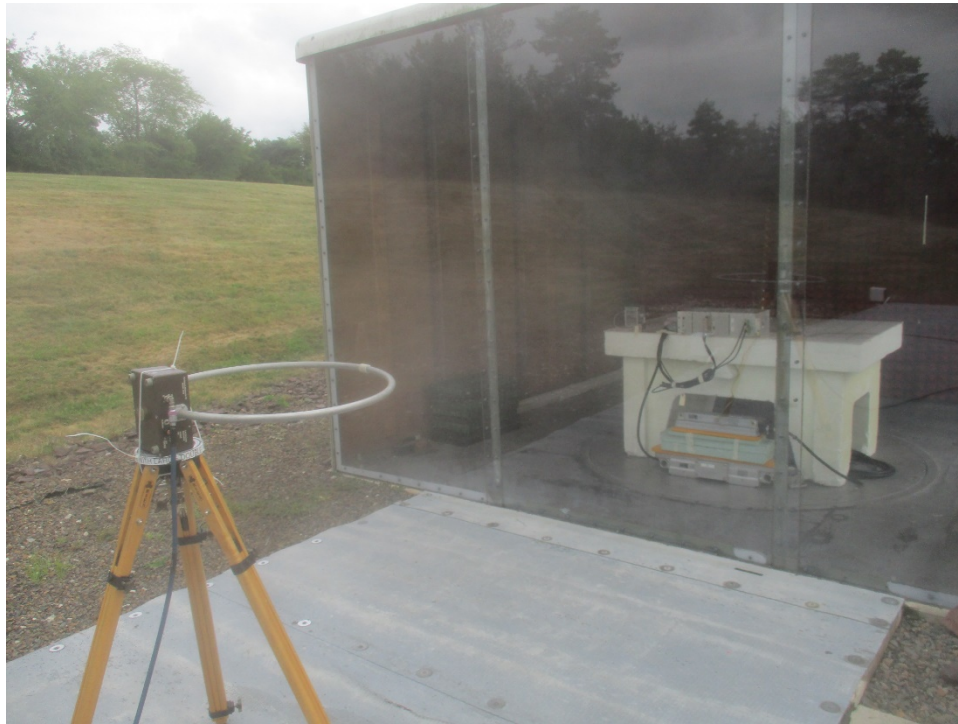
Perpendicular Antenna Polarization



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Report No. R-3578P-3

**15.209 Radiated Emissions Limits
Test Photographs, 850 kHz at 3 Meters**



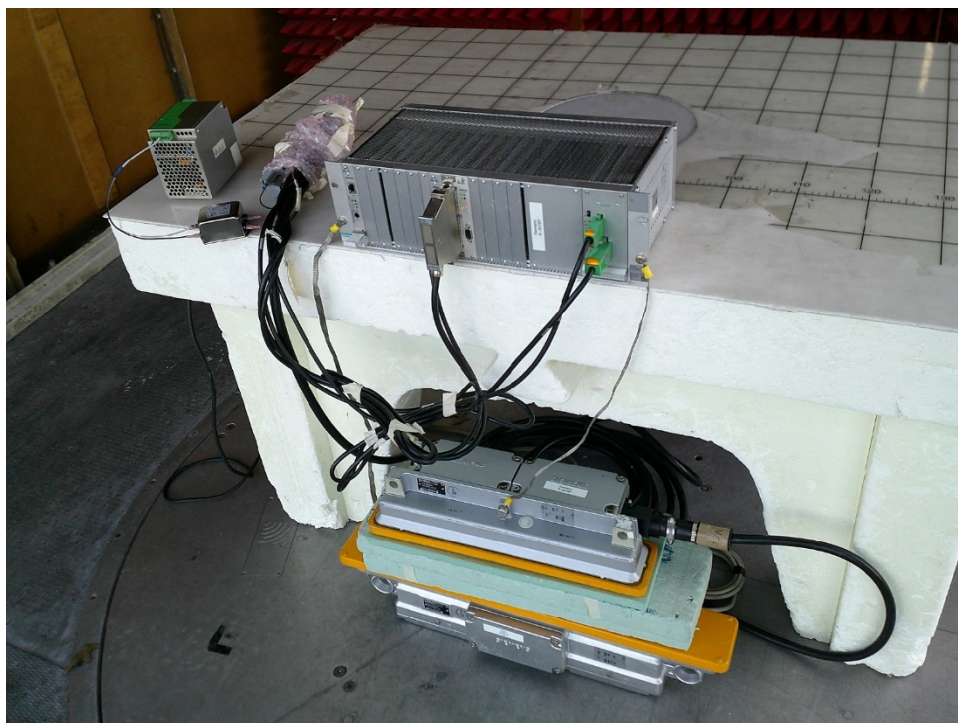
Horizontal Antenna Polarization



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**15.109(a) / 15.209(a), Radiated Emissions
Test Photographs**



EUT Configuration



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**15.109(a) / 15.209(a), Radiated Emissions
Test Photographs**



Horizontal Antenna Polarization, 30 to 200 MHz



Vertical Antenna Polarization, 30 to 200 MHz



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**15.109(a) / 15.209(a), Radiated Emissions
Test Photographs**



Horizontal Antenna Polarization, 200 MHz to 1 GHz



Vertical Antenna Polarization, 200 MHz to 1 GHz



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