



**RETLIF  
TESTING  
LABORATORIES**

Put Us To The Test™

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Harleysville, PA 19438 USA  
Tel: (215) 256-4133 • Fax: (215) 256-4130 • [www.retlif.com](http://www.retlif.com)

## **Retlif Testing Laboratories Report No. R-3578P-6B**

**For**

**Siemens Mobility, Inc.  
On-Board Radio**

**FCC ID: 2A8HRS25441-B57-A3**

**Test Setup Photographs**



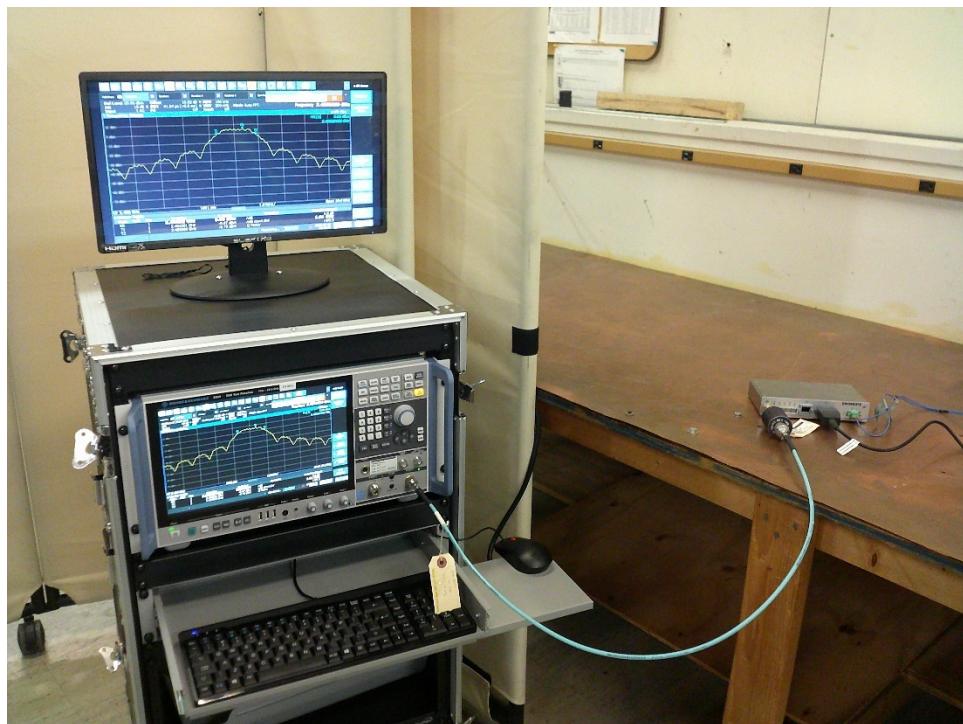
**40 YEARS OF TESTING EXCELLENCE**

**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

**Test Photographs  
Minimum 6 dB Bandwidth**



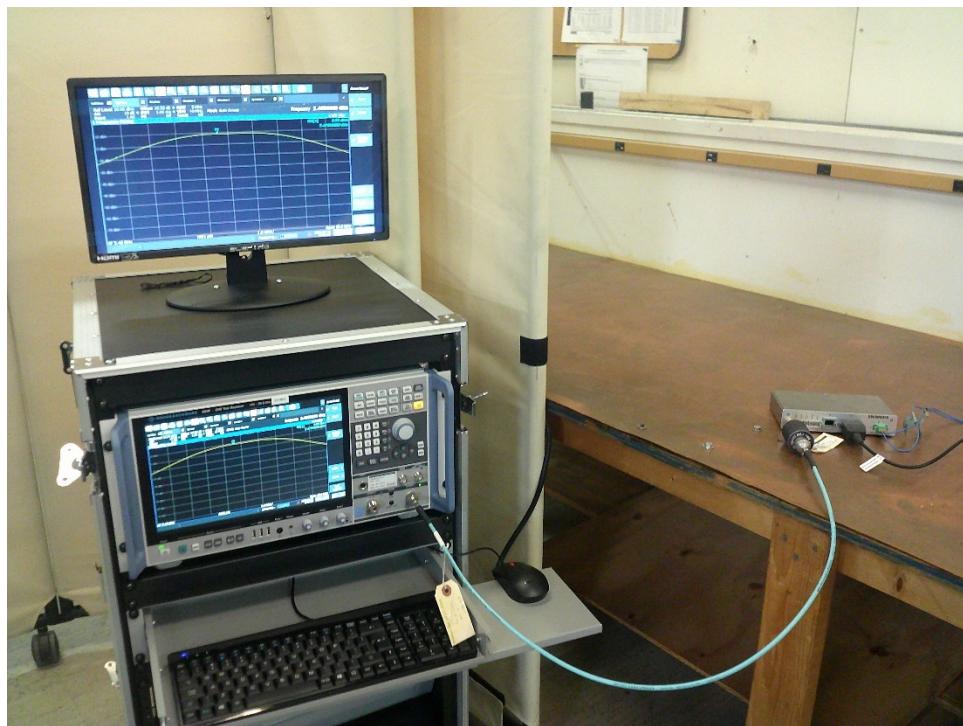
Test Setup



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**Test Photographs**  
**Maximum Peak Conducted Output Power**



Test Setup



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## Test Photographs Out of Band Emissions



Out of Band Emissions-Conducted, Test Setup



Out of Band Emissions-Radiated, Test Setup



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**Test Photographs  
Power Spectral Density**



**Test Setup**



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## Test Photographs Radiated Emissions



EUT Configuration, 30 MHz to 1 GHz



EUT Configuration, Above 1 GHz



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## Test Photographs Radiated Emissions



Horizontal Antenna Polarization, 30 MHz to 200 MHz



Vertical Antenna Polarization, 30 MHz to 200 MHz



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## Test Photographs Radiated Emissions



Horizontal Antenna Polarization, 200 MHz to 1 GHz



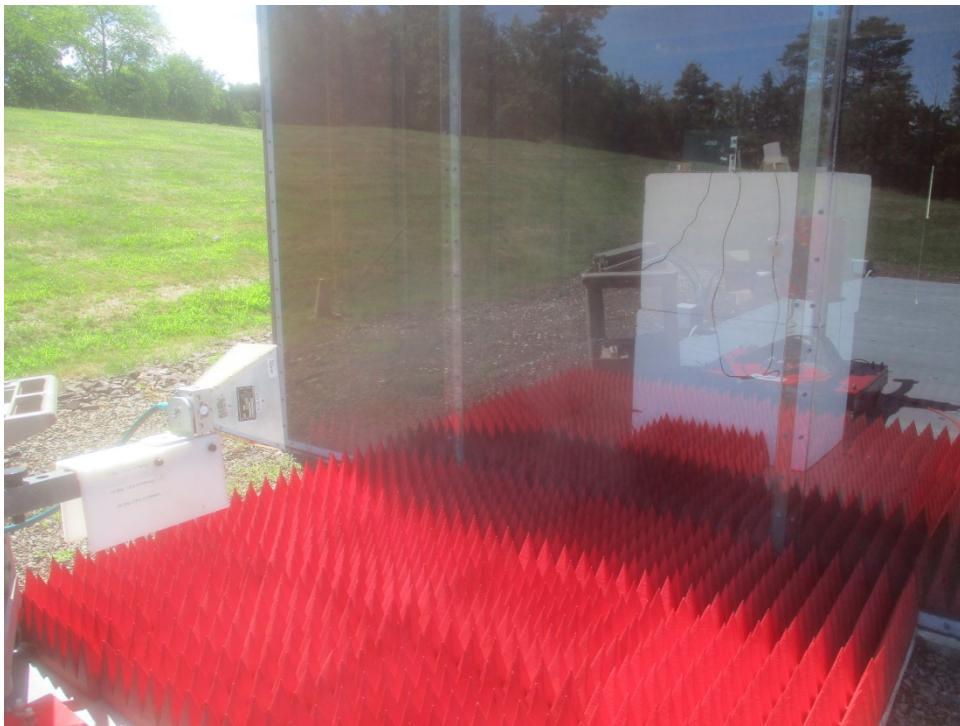
Vertical Antenna Polarization, 200 MHz to 1 GHz



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## Test Photographs Radiated Emissions



Horizontal Antenna Polarization, Above 1 GHz



Vertical Antenna Polarization, Above 1 GHz



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