



**FCC Test Setup Photographs
for
47CFR15, Subpart B for Unintentional Radiators, per Section 101
Equipment authorization of unintentional radiators, *and*
47CFR15, Subpart C for Intentional Radiators, per Section 247
Operation within the bands 902 to 928 MHz**

on
CDMA Gateway
[FCC ID: OWS - 918]

models
**CDMA Gateway without Bandpass Filter
CDMA Gateway with Bandpass Filter**

report number
20050512-02-F15

manufacturer
**Silver Spring Networks, Inc.
13000 West Silver Spring Drive
Butler, WI 53007**

judgement
Complies

tests and report by
**ITC Engineering Services, Inc. (ITC)
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Sunol, California 94586
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PART 1 General

SECTION 1.1 TEST INFORMATION

GENERAL INFORMATION

Product Type	CDMA Gateway	
Model	CDMA Gateway without Bandpass filter CDMA Gateway with Bandpass filter	
Manufacturer's Name	Silver Spring Networks Inc.	
Manufacturer's Address	13000 West Silver Springs Drive Butler, WI 53007 United States	
Contact	Tel: +1 (262) 364-5317 Juan Luglio, PhD	Fax: +1 (262) 783-0200 email : juan.luglio@silverspringnetworks.com
Test Laboratory	ITC Engineering Services, Inc. 9959 Calaveras Road, PO Box 543 Sunol, CA 94586-0543 Email: docs@itcemc.com Web Site: http://www.itcemc.com	
	Tel: +1(925) 862-2944 Fax: +1(925) 862-9013	
Test Number and Report Numbers	20050512-03	20050512-03-F15
Test Date(s) & Issue Date	June 09 –June 22,2005	June 22, 2005
Test Engineer(s)	Femi Ojo and Robert Kershaw	
Chief Engineer	Michael Gbadebo, P.E	
Documentation	George Brown.	
Test Results	☒ Complies as Tested	☐ Fail

PART 2 Test Setup photographs

Radiated Emissions Test Setup Photographs



Figure 1: Radiated Emissions Test Setup (Below 1 GHz) Front View



Figure 2 Radiated Emissions Test Setup (Below 1 GHz) Rear View

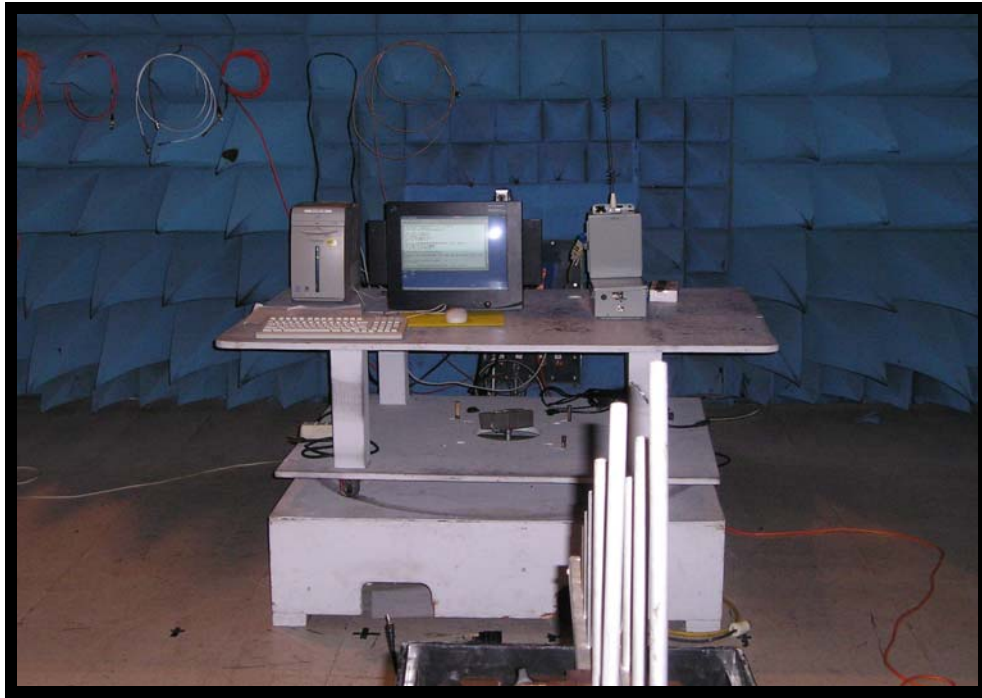


Figure 3: Radiated Emissions Test Setup at 10 meters (Above 1 GHz) Front View



Figure 4: Radiated Emissions Test Setup at 10 meters (Above 1 GHz) Rear View

RF Conducted Measurements Setup Photographs



Figure 5 Test Setup Photo – Front View

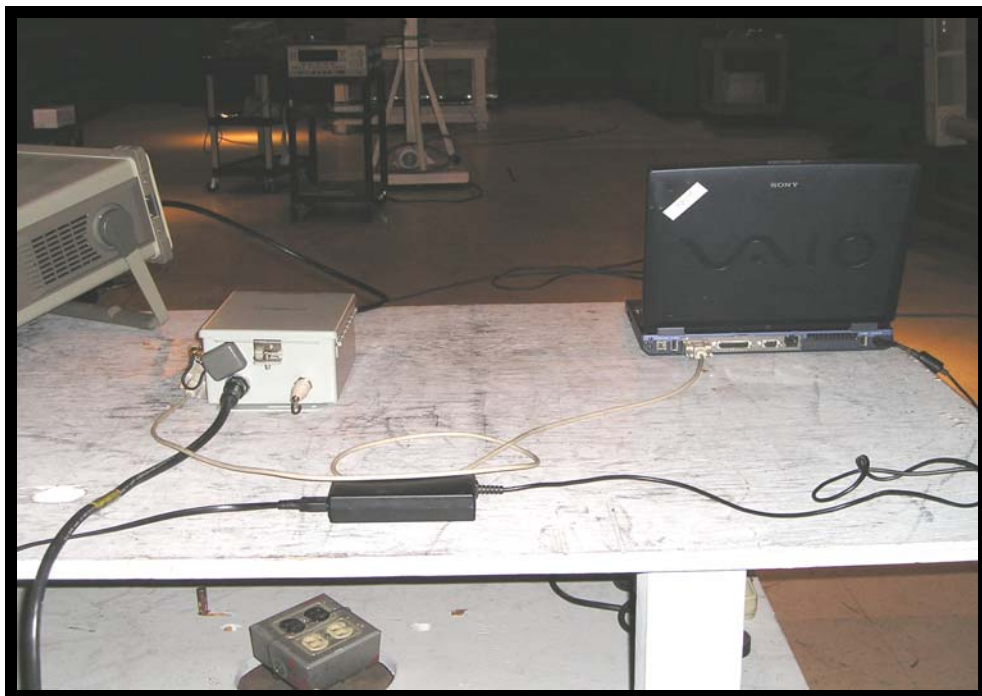


Figure 6 Test Setup Photo (Rear View)

RF Radiated Measurements



Figure 7: Power Spectral Density Test Setup (Front view)



Figure 8: Power Spectral density Test Setup (Rear View)



Figure 9: Spurious Emissions Front View (Below 1 GHz)



Figure 10: Spurious Emissions Rear View (Below 1 GHz)



Figure 11: Spurious Emissions Front View (Above 1 GHz)



Figure 12: Spurious Emissions Rear View (Above 1 GHz)