



**FCC External 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  
Battery Field Service Unit (BFSU)  
[FCC ID: OWS – 923]**

**models  
Battery Field Service Unit with External Antenna  
Battery Field Service Unit with Internal Antenna**

**report number  
20050629-02-F15**

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

**judgement  
Complies as tested**

**tests and report by  
ITC Engineering Services, Inc.  
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## PART 1 GENERAL INFORMATION

|                                                       |                                                                                                                                                                                                                                    |                                                                                                                                     |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type<br/>Model</b>                         | Battery Field Service Unit(BFSU)<br>BFSU with External Antenna<br>BFSU with Internal Antenna.                                                                                                                                      |                                                                                                                                     |
| <b>Manufacturer's Name<br/>Manufacturer's Address</b> | Silver Spring Networks Inc.<br>13000 West Silver Springs Drive<br>Butler, WI 53007<br>United States<br>Tel: +1 (262) 364-5317                                                                                                      | Fax: +1 (262) 783-0205<br>email :<br><a href="mailto:juan.luglio@silverspringnetworks.com">juan.luglio@silverspringnetworks.com</a> |
| <b>Contact</b>                                        | Juan Luglio, PhD                                                                                                                                                                                                                   |                                                                                                                                     |
| <b>Test Laboratory</b>                                | ITC Engineering Services, Inc.<br>9959 Calaveras Road,<br>PO Box 543<br>Sunol, CA 94586-0543<br>Email: <a href="mailto:docs@itcemc.com">docs@itcemc.com</a><br>Web Site: <a href="http://www.itcemc.com">http://www.itcemc.com</a> | Tel: +1(925) 862-2944<br>Fax: +1(925) 862-9013                                                                                      |
| <b>Test Number and Report Numbers</b>                 | 20050629 – 02                                                                                                                                                                                                                      | 20050629 – 02 – F15                                                                                                                 |
| <b>Test Date(s) &amp; Issue Date</b>                  | July 08 – July 12, 2005                                                                                                                                                                                                            | July 19, 2005                                                                                                                       |
| <b>Test Engineer(s)</b>                               | Femi Ojo and Robert Kershaw                                                                                                                                                                                                        |                                                                                                                                     |
| <b>Chief Engineer</b>                                 | Michael Gbadebo, P.E                                                                                                                                                                                                               |                                                                                                                                     |
| <b>Documentation</b>                                  | George Brown.                                                                                                                                                                                                                      |                                                                                                                                     |
| <b>Test Results</b>                                   | <input checked="" type="checkbox"/> Complies as Tested                                                                                                                                                                             | <input type="checkbox"/> Fail                                                                                                       |

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Product: Battery Field Service Unit (BFSU)  
Models: BFSU with External Antenna  
BFSU with Internal Antenna

## PART 2 External Photographs.



Figure 1: EUT Top View (with external antenna)



Figure 2: EUT Top View (with internal antenna)



Figure 3: EUT Front View



Figure 4: EUT Rear View