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TITLE: GSG_MiFi2200 Sprint RETAIL* (Cover and Pages)

PN: 90025370

ECO 09193

Rev.1 4/08/09- Anette Farrell - INITIAL RELEASE
 APPROVED: Sprint; A.Farrell

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Colors: Pages

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Material -

1) 80# Gloss Book

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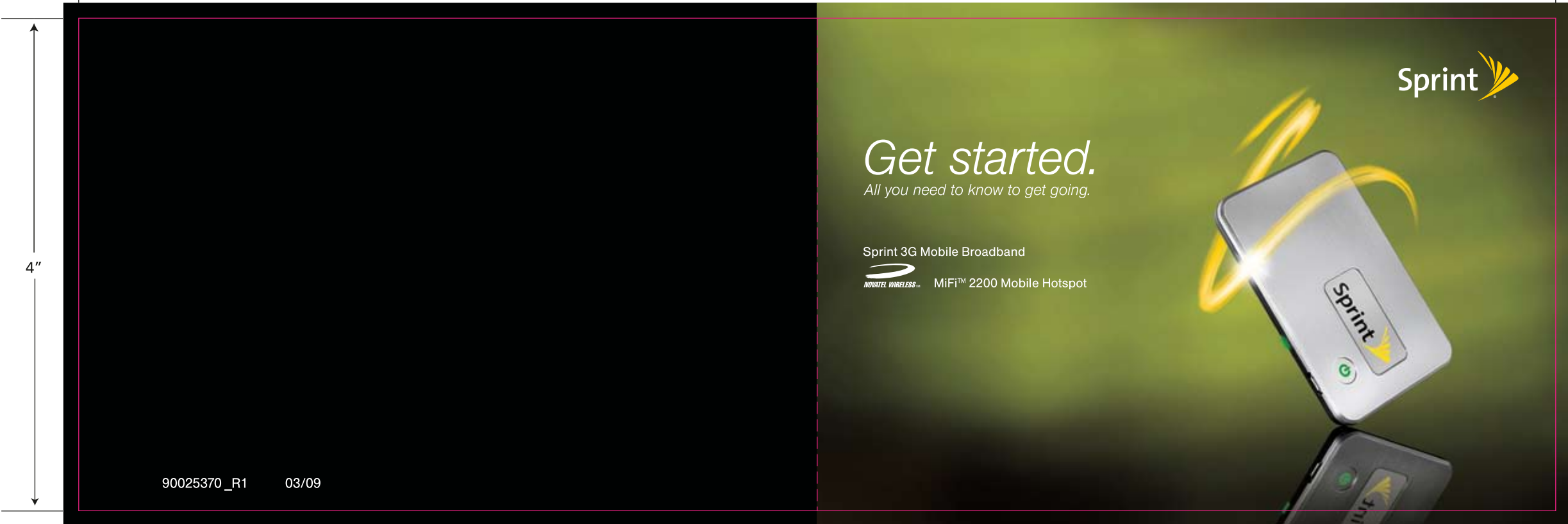
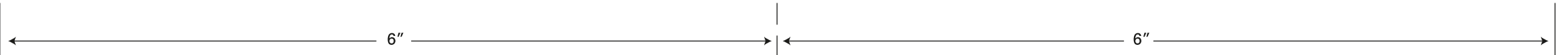
COVER + PAGES (pages are in Framemaker)

DEVICE + LIGHT: 4-COLOR PROCESS

BLACK BACKGROUND: 4-COLOR PROCESS

WHITE TEXT & LOGO: K/O TO SUBSTRATE

SPRINT AHEAD LOGO: K/O TO SUBSTRATE
 "Sprint" + "@"
 Fan SPRINT YELLOW





***MiFi™ 2200 Mobile Hotspot
by Novatel Wireless***



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Your MiFi 2200 Device

Thank you for purchasing a Novatel Wireless MiFi 2200 Mobile Hotspot. This device offers more freedom than ever before. No wires, no cables—just access to your data when you need it. The power of the Internet is truly at your fingertips.



How to Use This Guide

The advantages of Sprint are as clear as each wireless connection you make. With Sprint service, we give you what you really want from a wireless service provider—clear connections, easy-to-understand service plans, and self-servicing options for managing your account. All this is designed to make your life easier and worry-free.

We know you're eager to start using your device right away, and the sections of this guide are designed to help you do just that.

- 1** The first section (page 1) gives an overview of the device package contents.
- 2** The second section (page 3) guides you through the steps required to set up and use your device.
- 3** The third section (page 17) lists technical specifications and regulatory, safety, and warranty information for your device. There is also a glossary of technical terms used in this guide.

Getting More Information About the Device and Service

This guide describes how to set up and use the device. To learn how to use all the features of your device and its browser interface, consult the user guide (available at www.sprint.com) or online help.

Section 1

Introducing the MiFi 2200



Introducing the MiFi 2200

- ◆ *Package Contents (page 2)*
- ◆ *Care and Maintenance (page 2)*

This section introduces your MiFi 2200 device.

Package Contents

Your MiFi 2200 device package contains the following components:

- MiFi 2200 by Novatel Wireless
- AC charger
- Standard Lithium (Li-Ion) battery
- Get Started guide (this document)
- Protective pouch

Care and Maintenance

As with any electronic device, the MiFi 2200 device must be handled with care to ensure reliable operation. Follow these guidelines in using and storing the device:

- Protect the device from liquids, dust, and excessive heat.
- When not in use, store the device in a safe place.
- Do not handle or operate the device while driving or operating a vehicle. Doing so may distract you from properly operating the vehicle. In some jurisdictions, operating communication devices while in control of a vehicle is a criminal offense.

Section 2

***Setting Up and Using the
MiFi 2200 Device***



Section 2A

Setting Up Your Sprint Account

- ◆ *Setting Up Your Device On Your Sprint Account (page 4)*

Setting Up Your Device On Your Sprint Account

Normally your device will be set up on your Sprint account at the time of purchase.

To verify that your device is set up on your Sprint account:

1. Log on to your account at www.sprint.com by entering your username and password.
2. Confirm that the MiFi 2200 device is on your account with a Sprint Mobile Broadband connection plan.

If you don't see your device listed, you will need to contact Sprint Customer Service to complete setting up the device on your account. Have the following available before calling:

- Your Sprint account information.
- The ESN number of your device (located inside the battery compartment under the battery and on the packaging).

Charging the Battery

- ◆ *Inserting and Charging the Battery (page 5)*
- ◆ *Battery Tips (page 7)*

Inserting and Charging the Battery

Important

The battery must be fully charged before using the MiFi 2200 the first time. After the initial use and set up, you may use the device with either battery or AC power.

1. The battery compartment is located on the bottom of the device. Slide open the battery compartment door by firmly pressing in the direction of the arrows.



2. Insert the battery by lining up the gold contact points on the battery with the gold contact points in the battery compartment. Then press down gently until the battery is seated.

Important

Do not tilt the battery sideways to insert it. Tilt it toward the gold contact points as shown.



3. Replace the battery cover and slide it closed while pressing gently until it locks into place.



4. Connect the microUSB end of the AC wall charger to the microUSB port of the device.



5. Plug the other end of the AC wall charger into the appropriate electrical outlet. *Charge at least 2.5 hours to ensure a full initial charge before using the device the first time.*

Note

- You must have a fully charged battery the first time you use the MiFi 2200.
- After the first use, you may use the device while it is connected to the AC wall charger.
- When using battery power, the device lasts up to four hours (when connected to a single device only).
- The battery will discharge more rapidly as additional devices access the MiFi 2200.
- The battery lasts up to 40 hours in standby mode.

Battery Tips

WARNING

Use only Sprint-approved or Novatel Wireless-approved batteries and chargers with your device. The failure to use a Sprint-approved or Novatel Wireless-approved battery and charger may increase the risk that your device will overheat, catch fire, or explode, resulting in serious bodily injury, death, or property damage.

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- **Your device will also work with certain other Sprint-approved chargers, including car chargers.** Sprint-approved batteries and accessories can be found at Sprint Stores; or call 1-866-866-7509 to order. They're also available at www.sprint.com.
- If you connect your device to your computer using a USB data cable, the battery will charge. However, the device will not function as a wireless access point **while connected to your computer.**
- It normally takes at least 2.5 hours to fully charge the battery.

- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- Some batteries perform best after several full charge and discharge cycles.
- When storing your battery, keep it uncharged in a cool, dark, dry place.
- Never expose batteries to temperatures below 14°F (–10°C) or above 113°F (45°C). Never leave the device in an unattended vehicle due to uncontrollable temperatures that may be outside the desired temperature for this device.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.



*Contact your local recycling center
for proper battery disposal.*

Using Your MiFi 2200 Device

- ◆ *Connecting to the MiFi 2200 (page 9)*
- ◆ *Using the Device Outside of the United States (page 10)*
- ◆ *Contacting Sprint Customer Service (page 10)*
- ◆ *Troubleshooting (page 11)*

Connecting to the MiFi 2200

Note *The battery should be fully charged before using the MiFi 2200 for the first time.*

When you press the power button:

- The MiFi 2200 comes on and the power button LED lights up.
- A solid green LED indicates the device is in service and ready to connect.

How to Connect to the MiFi 2200

1. Use your normal Wi-Fi manager on your computer to locate the MiFi 2200 wireless network.

Tip

The steps to connect to a Wi-Fi network vary depending on your operating system and whether you use the native application or third-party software.

*Generally you click an icon (often in the System Tray for Windows or **System Preferences > Network** on a Mac) where you can select "View Available Wireless Networks." If you are unfamiliar with wireless networking on your computer, consult the computer help system.*

2. If multiple wireless networks are found, highlight the one that has "Sprint MiFi 2200" in its name.
3. Click **Connect**.

If this is your first time connecting to the MiFi 2200, continue with these steps.

4. From your computer's Web browser, enter **http://192.168.1.1** into the address window and press the **Enter** or **Return** key.
5. Enter the password "admin" when requested.

An onscreen wizard will launch and guide you through setting up security for your MiFi 2200.

Important

Be sure to record both the Administrative password and the Network Key that you create using the Initial Setup Wizard.

6. Follow the instructions on the screen.
7. After you click Finish, your device will restart and you must reconnect to your wireless network and enter the Network Key you just created.

For details on how to further configure the device with the Web user interface, see “Configuring the MiFi 2200 Device” on page 13.

Using the Device Outside of the United States

Sprint customers can use the MiFi 2200 to browse the Internet and access email and corporate intranets while roaming in Canada, Mexico, and other destinations.

Charges may apply when using the MiFi 2200 outside of the United States. For more information, please visit www.sprint.com.

Contacting Sprint Customer Service

You can reach Sprint Customer Service by:

- Logging on to your account at www.sprint.com.
- Calling us toll-free at **1-888-211-4727** (personal use) or **1-800-927-2199** (business use).
- Writing to us at Sprint Customer Service, P.O. Box 8077, London, KY 40742.

Troubleshooting

For a more complete listing of errors and possible solutions, please visit www.sprint.com/support to find up-to-date FAQs, a Troubleshooting Guide, and a user guide specific to this device.

<i>Problem/error</i>	<i>Solution</i>
The device has no power. (The LED indicator is off and does not come on when the Power button is pressed.)	Ensure the following: <ul style="list-style-type: none">● The battery is properly seated.● The battery is fully charged. Plug in the AC wall adapter for at least 2.5 hours.
I forgot my password.	You can reset the device to factory defaults by using the master reset button (page 12).

<i>Problem/error</i>	<i>Solution</i>
No service is available. Limited or no connectivity.	Try the following: <ul style="list-style-type: none">● Reorient your device.● If you are inside a building or near a structure that may be blocking the signal, change the position or location of the device.● Check with Sprint – a network or account problem may be preventing the device from obtaining service.

Using the Master Reset Button

Your device comes with a master reset button that allows you to return it to its factory default state.

The master reset button is recessed in a hole on the back of the device. You will need a paperclip or similar object to push the button.

1. Make sure the device is powered on.
2. Locate the master reset button on the back of the device near the battery cover.



3. Insert a paperclip into the hole and hold the button down for three seconds until the green LED goes off and then blinks.

Your list of wireless networks will now show the original default network when you first configured your device.

4. Connect to the device again and reconfigure it using the Initial Setup Wizard. (See “Connecting to the MiFi 2200” on page 9.)

Configuring the MiFi 2200 Device

- ◆ *Opening the Browser Interface (page 13)*
- ◆ *Setting Up a Temporary Hotspot (page 15)*

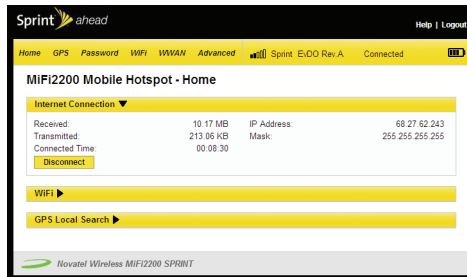
The MiFi 2200 comes with a browser interface that allows you to configure the device. You can select a profile, establish security, and set more advanced settings.

In addition, you can search using GPS technology and provide temporary shared Internet access to a maximum of five Wi-Fi-enabled devices.

The user guide (available from www.sprint.com) and help for the browser interface contain detailed information about these settings.

Opening the Browser Interface

1. Open your Web browser and enter `http://192.168.1.1` into the address window. (If this is the first time you have entered the browser interface or if you have used the master reset button, the Initial Setup Wizard will launch.)
2. Enter the Administrative password into the Login password box in the upper right corner and click **Login**.
3. The Mobile Hotspot Home page will open.



The Home page contains the following sections:








- **Internet Connection:** This section shows information about your current Internet connection, such as bytes sent and received, duration of the connection, and IP address.
- **WiFi:** This section shows information about the WiFi connection such as the profile you are using, its security settings, and the number of users currently connected.

Internet Connection ▼			
Received:	5.33 MB	IP Address:	68.27.62.243
Transmitted:	121.20 KB	Mask:	255.255.255.255
Connected Time:	00:04:19		

WiFi ▼			
Profile:	Secure	IP Address:	192.168.1.1
Network Name:	Sprint MiFi2200 4A1	Mask:	255.255.255.0
Security:	WEP64		
Users :	1 / 5		

GPS Local Search ▶			
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- **GPS Local Search:** This section allows you to use GPS technology to search the area around you.

Internet Connection ▶	
WiFi ▶	
GPS Local Search ▼	
GPS status: Searching	
	<input type="text" value="Enter search term"/> <input type="button" value="Search"/>
	Search for the nearest Sprint store.
	Search for the nearest restaurant.
	Search for the nearest bank.
	Search for the nearest hotel.
	Search for the nearest gas station.
	Search for the nearest coffee shop.

Setting Up a Temporary Hotspot

You can use the device to set up a temporary hotspot to allow a maximum of five devices to connect to your MiFi 2200.

1. Open the browser interface (page 13).
2. Select **WiFi > WiFi Profiles** from the menu bar at the top of the Home screen.
3. Select **Temporary Hotspot** from the Profile list.

The screen that appears shows a new temporary Network Name (SSID) and Network Key.

The screenshot shows the 'WiFi Profile' configuration page on a Sprint MiFi 2200 device. The page title is 'WiFi' and the sub-header is 'WiFi Profile'. Below this, it states 'WiFi Settings are stored in Profiles; there are 3 Profiles.' The 'Profile' dropdown is set to 'Temporary Hotspot'. The 'Network Name (SSID)' field contains 'Sprint.MiFi2200-4A1 Temp'. The '802.11 Mode' is set to '802.11g + 802.11b', 'Channel' is '11', 'Security' is 'WEP 64-bit', 'Authentication' is 'Open Access', and 'Encryption' is '40/64 Bit (10 Hex Digits)'. The 'Network Key' field contains '12345', with a note below it: '5 characters, or 10 HEX characters'. At the bottom, there is a link for 'Generate new values' and two buttons: 'Apply' and 'Revert'.

4. Note the temporary hotspot Network Name and Network Key. In the example shown above, they are “Sprint MiFi2200 A41 Temp” and “12345”.
5. Click **Apply** and then give the Network Name and Network Key that were generated to your workgroup so they can connect to the device. (You can click “Generate new values” to have a different Network Name and Network Key generated.)

Section 3

***Technical Specifications,
Regulatory and Safety
Information, Warranty,
and Glossary***



Technical Specifications

- ◆ *LED Overview (page 18)*
- ◆ *Environmental Specifications (page 19)*
- ◆ *Mechanical Specifications (page 19)*
- ◆ *CDMA Technology (page 20)*

This section describes the LED indicators and various specifications of your MiFi 2200 device.

LED Overview

Your device has a Service Status LED and a Power Button LED, which provide status information about the device. The yellow Sprint LED does not provide status information.

<i>Service Status LED</i>	<i>Indicates</i>
LED not lit	No power to MiFi
LED Green – solid	MiFi powered on but not transmitting or receiving
LED Green – slow blinking	MiFi powered on but no service available
LED Green – intermittent blinking	MiFi transmitting and receiving data; blinking rate proportional to data speed

<i>Power Button LED</i>	<i>Indicates</i>
LED not lit	No power to MiFi
LED Blue – solid	MiFi powered on and roaming
LED Green – solid	MiFi powered on and fully charged
LED Green – glowing	MiFi in hibernate mode
LED Red – blinking	MiFi battery critically low
LED Amber – solid	MiFi battery charging
LED Amber – blinking	MiFi error – see Troubleshooting

Environmental Specifications

Operating temperature	14°F to 113°F
Storage temperature	-4° to 77°F
Vibration stability	5 Hz to 500 Hz, 0.1 octave/second
Drop	3.28 foot drop, no damage – fully operational

Mechanical Specifications

Dimensions (W x D x H)	59mm x 9mm x 89mm
Weight	2.05 oz / 58 g

Battery pack	1150 mAh
LED	Three: Sprint brand, power, and 3G indicators

CDMA Technology

CDMA specification	CDMA Rev A, Rev 0, 1XRTT
Band Designation	800/1900 MHz
Transmit Band	824.7–848.31MHz/ 1851.25–1908.75MHz
Receive Band	869.7–893.31MHz/ 1931.25–1988.75MHz

Regulatory Information

- ◆ *Regulatory Notices (page 21)*
- ◆ *Trademarks (page 23)*
- ◆ *Copyright (page 23)*
- ◆ *Limitation of Liability (page 23)*
- ◆ *Additional Information and Updates (page 24)*

This section contains important regulatory notices about your MiFi 2200 device and also patent and other information.

Regulatory Notices

This device is designed to be activated on the Sprint network and has a software programming lock that, in part, protects many of the device's features and functions against tampering and unauthorized reprogramming. This device will work with Sprint services—service plans and other services/options must be purchased separately. This device operates within the Sprint CDMA frequency band of 800 MHz/1.9 GHz. This device will not operate on any iDEN network. Coverage is not available everywhere. This product meets current FCC Radio Frequency Emission Exposure Guidelines. FCC Equipment Authorization ID number: PKRNVWMIFI2200.

Federal Communications Commission Notice (FCC – United States)



Electronic devices, including computers and wireless modems, generate RF energy incidental to their intended function and are therefore subject to FCC rules and regulations.

This equipment has been tested to, and found to be within the acceptable limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates radio frequency energy and is designed for use in accordance with the manufacturer's user manual. However, there is no guarantee that interference will not occur in any particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

This device complies with Part 15 of the Federal Communications Commission (FCC) Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

WARNING: DO NOT ATTEMPT TO SERVICE THE WIRELESS COMMUNICATION DEVICE YOURSELF. SUCH ACTION MAY VOID THE WARRANTY. THE MIFI 2200 DEVICE IS FACTORY TUNED. NO CUSTOMER CALIBRATION OR TUNING IS REQUIRED. CONTACT SPRINT TECHNICAL SUPPORT FOR INFORMATION ABOUT SERVICING YOUR WIRELESS COMMUNICATION DEVICE.

FCC CAUTION: Any changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

MODIFICATIONS: The FCC requires that you be notified that any changes or modifications made to this device that are not expressly approved by Sprint may void your authority to operate the equipment.

RF Exposure Content

FCC Equipment Authorization ID: **PKRNWWMiFi2200**

This device is only authorized for use in Mobile applications. At least 8 inches (20 cm) of separation between the antenna and the user's body must be maintained at all times.

The FCC has granted an Equipment Authorization for this wireless modem with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.

Trademarks

Sprint and the logo are trademarks of Sprint.

Novatel Wireless, MiFi, and the Novatel Wireless logo are trademarks of Novatel Wireless.

Windows is a registered trademark of Microsoft Corporation.

Mac OS is a trademark of Apple Inc., registered in the United States and other countries.

All other marks are the property of their respective owners.

Copyright

©2009 Sprint. Sprint and the logo are trademarks of Sprint. Other marks are the property of their respective owners.

Limitation of Liability

The information in this manual is subject to change without notice and does not represent a commitment on the part of Novatel Wireless. NOVATEL WIRELESS AND ITS AFFILIATES SPECIFICALLY DISCLAIM LIABILITY FOR ANY AND ALL DIRECT, INDIRECT, SPECIAL, GENERAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUE OR ANTICIPATED PROFITS OR REVENUE ARISING OUT OF THE USE OR INABILITY TO USE ANY NOVATEL WIRELESS PRODUCT, EVEN IF NOVATEL WIRELESS AND/OR ITS AFFILIATES HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH

DAMAGES OR THEY ARE FORESEEABLE OR FOR CLAIMS BY ANY THIRD PARTY.

Notwithstanding the foregoing, in no event shall Novatel Wireless and/or its affiliates aggregate liability arising under or in connection with the Novatel Wireless product, regardless of the number of events, occurrences, or claims giving rise to liability, be in excess of the price paid by the purchaser for the Novatel Wireless product.

Additional Information and Updates

For up-to-date product descriptions, documentation, application notes, firmware upgrades, troubleshooting tips, and press releases, visit www.sprint.com.

Important Safety Information

- ◆ *Important Notice (page 25)*
- ◆ *Safety and Hazards (page 25)*

Important Notice

Because of the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors), or be totally lost. Although significant delays or losses of data are rare when wireless devices such as the MiFi 2200 device are used in a normal manner with a well constructed network, they should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. SPRINT SPECTRUM L.P. accepts no responsibility for damages of any kind resulting from delays or errors in data transmitted or

received using the MiFi 2200 device or for failure of the MiFi 2200 device to transmit or receive such data.

Safety and Hazards

Do not operate the MiFi 2200 device in areas where blasting is in progress, where explosive atmospheres may be present, near medical equipment, life support equipment, or any equipment which may be susceptible to any form of radio interference. In such areas, the MiFi 2200 device **MUST BE POWERED OFF**. It can transmit signals that could interfere with this equipment.

Do not operate the MiFi 2200 device in any aircraft, whether the aircraft is on the ground or in flight. In aircraft, the MiFi 2200 device **MUST BE POWERED OFF**. When operating, it can transmit signals that could interfere with various onboard systems.

The driver or operator of any vehicle should not operate the MiFi 2200 device while in control of a vehicle. Doing so will detract from the driver or operator's control and operation of that vehicle. In some jurisdictions, operating such communications devices while in control of a vehicle is an offense.

Proper Battery Use and Disposal

WARNING

In the event of a battery leak:

- *Do not allow the liquid to come in contact with the skin or the eyes. If contact has been made, wash the affected area with large amounts of water and see medical advice.*
- *See medical advice immediately if a battery has been swallowed.*

Please review the following guidelines for safe and responsible battery use:

- Do not disassemble or open, crush, bend or deform, puncture, or shred.
- Do not modify or remanufacture, attempt to insert foreign object into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard.
- Only use the battery for the system for which it was specified.
- Only use the battery with a charging system that has been qualified with the system per this

standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

- Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.

Section 3D

Novatel Wireless Limited Warranty and Liability

Novatel Wireless warrants for the 12 month period immediately following receipt of the Product by Purchaser that the Product will be free from defects in material and workmanship under normal use. THESE WARRANTIES ARE EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The exclusive remedy for a claim under this warranty shall be limited to the repair or replacement, at Novatel Wireless' option, of defective or non-conforming materials, parts or components. The foregoing warranties do not extend to (I) non-conformities, defects or errors in the Products due to accident, abuse, misuse or negligent use of the Products or use in other than a normal and customary manner,

environmental conditions not conforming to Novatel Wireless' specification, of failure to follow prescribed installation, operating and maintenance procedures, (II) defects, errors or nonconformity's in the Product due to modifications, alterations, additions or changes not made in accordance with Novatel Wireless' specifications or authorized by Novatel Wireless, (III) normal wear and tear, (IV) damage caused by force of nature or act of any third person, (V) shipping damage, (VI) service or repair of Product by the purchaser without prior written consent from Novatel Wireless' (VII) products designated by Novatel Wireless as beta site test samples, experimental, developmental, reproduction, sample, incomplete or out of specification Products, or (VIII) returned products if the original identification marks have been removed or altered.

Section 3E

Glossary

- DNS – Domain Name System. A system for converting host names and domain names into IP addresses on the Internet or on local networks that use the TCP/IP protocol.
- IP address – Internet Protocol address. The address of a device attached to an IP network (TCP/IP network).
- SSID – Service Set Identifier. The named assigned to a wireless Wi-Fi network.
- Wi-Fi – Wireless Fidelity. Refers to any system that uses the 802.11 standard, which was developed by the Institute of Electrical and Electronics Engineers (IEEE) and released in 1997.
- WLAN – Wi-Fi LAN. A typically low-power network that transmits a wireless signal over a span of a few hundred feet and usually only to stationary devices.
- TCP/IP – Transmission Control Protocol/Internet Protocol. A communications protocol developed

under contract from the U.S. Department of Defense to permit dissimilar systems to network.

- WEP – Wired Equivalent Privacy. An IEEE standard security protocol for 802.11 networks. Superseded by WPA and WPA2.
- WPA/WPA2 – Wi-Fi Protected Access. A security protocol for wireless 802.11 networks from the Wi-Fi Alliance.