

# **Exhibit 2**

## **Attestation Statement Cover Letters**

The measurements performed on the test sample for this FCC product Certification were performed by me or by personnel under my direction.

Tim Blom  
Principal Engineer

## Cover Letters

Gentlemen:

This report is being submitted to the Federal Communications Commission for the Certification of equipment pursuant to 2000 Title 47 CFR parts 1, 2, 21, and 74 dated 3-29-2002 Edition.

| FCC Rule Part                          | Description                                                                                                                                                                                                    | Response                                                                                                      |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 0.457dii                               | Records not routinely available for public inspection                                                                                                                                                          | See exhibit 13                                                                                                |
| 0.459                                  | Requests that materials or information submitted to the Commission be withheld from public inspection.                                                                                                         | See exhibit 13                                                                                                |
| 2.1033(c)1                             | The full name and mailing address of the manufacturer of the device and the applicant for certification.                                                                                                       | NextNet Wireless, Inc.<br>9555 James Avenue South,<br>Suite 270<br>Bloomington, MN 55431                      |
| 2.1033(c)2                             | FCC identifier.                                                                                                                                                                                                | PHX-MMDS-CPE2                                                                                                 |
| 2.1033(c)3                             | A copy of the installation and operating instructions.                                                                                                                                                         | See information located within exhibit 8                                                                      |
| 2.1033(c)4                             | Type or types of emission.                                                                                                                                                                                     | 21.905(b): OFDM / 5M80W7D<br>74.936(a): OFDM / 5M80W7D                                                        |
| 2.1033(c)5                             | Frequency range.                                                                                                                                                                                               | 2500 – 2686 MHz                                                                                               |
| 2.1033(c)6<br>21.909(g)2<br>74.939(g)2 | Range of operating power values or specific operating power levels, and description of any means provided for variation of operating power.                                                                    | 0.001 Watts – 2 Watts<br>Power is adjusted by system based on signal level received at the base station site. |
| 2.1033(c)7                             | Maximum power rating as defined in the applicable part(s) of the rules.                                                                                                                                        | 21.909(g)3: 33 dBW EIRP<br>74.939(g)3: 33 dBW EIRP                                                            |
| 2.1033(c)8                             | The dc voltages applied to and dc currents into the several elements of the final radio frequency amplifying device for normal operation over the power range.                                                 | See block diagram in exhibit 4                                                                                |
| 2.1033(c)9                             | Tune-up procedure over the power range, or at specific operating power levels.                                                                                                                                 | See tune-up information in exhibit 12                                                                         |
| 2.1033(c)10                            | A schematic diagram and a description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power. | See schematics in exhibit 5.<br>See circuit descriptions in exhibit 12.                                       |
| 2.1033(c)11                            | A photograph or drawing of the equipment identification plate or label showing the information to be placed thereon.                                                                                           | See exhibit 1                                                                                                 |

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 2.1033(c)12 | Photographs (8"x10") of the equipment of sufficient clarity to reveal equipment construction and layout, including meters, if any, and labels for controls and meters and sufficient views of the internal construction to define component placement and chassis assembly. Insofar as these requirements are met by photographs or drawings contained in instruction manuals supplied with the certification request, additional photographs are necessary only to complete the required showing.                                                                                                                                                        | See photographs in Exhibit 9              |
| 2.1033(c)13 | For equipment employing digital modulation techniques, a detailed description of the modulation system to be used, including the response characteristics (frequency, phase and amplitude) of any filters provided, and a description of the modulating wavetrain, shall be submitted for the maximum rated conditions under which the equipment will be operated.                                                                                                                                                                                                                                                                                        | See Exhibit 12                            |
| 2.1033(c)14 | The data required by §§ 2.1046 through 2.1057, inclusive, measured in accordance with the procedures set out in § 2.1041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | See Test Report measurements in Exhibit 6 |
| 2.1033(c)15 | The application for certification of an external radio frequency power amplifier under part 97 of this chapter need not be accompanied by the data required by paragraph (b)(14) of this section. In lieu thereof, measurements shall be submitted to show compliance with the technical specifications in subpart C of part 97 of this chapter and such information as required by § 2.1060 of this part.                                                                                                                                                                                                                                                | Not applicable                            |
| 2.1033(c)16 | An application for certification of an AM broadcast stereophonic exciter-generator intended for interfacing with existing certified, or formerly type accepted or notified transmitters must include measurements made on a complete stereophonic transmitter.<br>The instruction book must include complete specifications and circuit requirements for interconnecting with existing transmitters. The instruction book must also provide a full description of the equipment and measurement procedures to monitor modulation and to verify that the combination of stereo exciter-generator and transmitter meet the emission limitations of § 73.44. | Not applicable                            |
| 2.1033(c)17 | A single application may be filed for a composite system that incorporates devices subject to certification under multiple rule parts, however, the appropriate fee must be included for each device.                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Not applicable                            |

## Test Report Summary

| CFR Rule Part                      | Requirement                                                    | Test Result |
|------------------------------------|----------------------------------------------------------------|-------------|
| 2.1046<br>21.909(g)2<br>74.939(g)2 | RF Output Power                                                | Pass        |
| 2.1047<br>21.905(b)<br>74.936(a)   | Modulation Characteristics                                     | Pass        |
| 2.1049<br>21.908(d)<br>74.936(e)   | Occupied Bandwidth                                             | Pass        |
| 2.1051                             | Spurious Emissions at Antenna Terminals                        | Pass        |
| 2.1053                             | Field Strength of Spurious Radiation                           | Pass        |
| 2.1055                             | Frequency Stability                                            | Pass        |
| 1.1310                             | Radio Frequency Radiation Exposure Limits                      | Pass        |
| 2.1091                             | Radio Frequency radiation exposure evaluation: mobile devices. | Pass        |

## Exhibit Summary

| Exhibit Section | Contents                                |
|-----------------|-----------------------------------------|
| 1               | FCC ID Label / Location Information     |
| 2               | Attestation Statement and Cover Letters |
| 3               | External Photographs                    |
| 4               | Block Diagrams                          |
| 5               | Schematics                              |
| 6               | Test Report                             |
| 7               | Test Setup Photographs                  |
| 8               | Installation and Operating Manual       |
| 9               | Internal Photographs                    |
| 10              | Parts List                              |
| 11              | RF Exposure Information                 |
| 12              | Operational Description                 |
| 13              | Correspondence                          |