

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.

NextNet Wireless, Inc. part number: 900-0045-1XXX
NextNet Wireless, Inc model number: OSU-2400-AV

Tim Blom
Principal Engineer
NextNet Wireless, Inc.

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
6A	Test Report (Part 15 compliance)
6B	Test Report (Parts 21/74 compliance)
7	Test Setup Photographs
8	Installation and Operating Manual
9	Internal Photographs
10	Parts List
11	RF Exposure Information
12	Operational Description
13	Correspondence

Cover Letters

Gentlemen:

This report is being submitted to the Federal Communications Commission for the certification of equipment pursuant to 47 CFR Telecommunication CHAPTER I FEDERAL COMMUNICATIONS COMMISSION, Parts 0, 1, 2, 15, 21, and 74 deemed as current in the Federal Register as of August 20, 2004.

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
Part 15 "Application for Certification" requirements		
2.1033(b)	Applications for equipment operating under Parts 11, 15 and 18 of the rules shall be accompanied by a technical report containing the following information:	
2.1033(b)1	The full name and mailing address of the manufacturer of the device and the applicant for certification.	NextNet Wireless, Inc. 9555 James Avenue South, Suite 270 Bloomington, MN 55431
2.1033(b)2	FCC identifier.	PHX-OSU2400A
2.1033(b)3	A copy of the installation and operating instructions.	See Exhibit 8
2.1033(b)4	A brief description of the circuit functions of the device along with a statement describing how the device operates. This statement should contain a description of the ground system and antenna, if any, used with the device.	See Exhibit 12
2.1033(b)5	A block diagram showing the frequency of all oscillators in the device. The signal path and frequency shall be indicated at each block. The tuning range(s) and intermediate frequency(ies) shall be indicated at each block. A schematic diagram is also required for intentional radiators.	See Exhibit 4
2.1033(b)6	A report of measurements showing compliance with the pertinent FCC technical requirements. This report shall identify the test procedure used (e.g., specify the FCC test procedure, or industry	See Test Report measurements in Exhibit 6A

	test procedure that was used), the date the measurements were made, the location where the measurements were made, and the device that was tested (model and serial number, if available). The report shall include sample calculations showing how the measurement results were converted for comparison with the technical requirements.	
2.1033(b)7	A sufficient number of photographs to clearly show the exterior appearance, the construction, the component placement on the chassis, and the chassis assembly. The exterior views shall show the overall appearance, the antenna used with the device (if any), the controls available to the user, and the required identification label in sufficient detail so that the name and FCC identifier can be read. In lieu of a photograph of the label, a sample label (or facsimile thereof) may be submitted together with a sketch showing where this label will be placed on the equipment. Photographs shall be of size A4 (21 cm × 29.7 cm) or 8×10 inches (20.3 cm × 25.4 cm). Smaller photographs may be submitted provided they are sharp and clear, show the necessary detail, and are mounted on A4 (21 cm × 29.7 cm) or 8.5×11 inch (21.6 cm × 27.9 cm) paper. A sample label or facsimile together with the sketch showing the placement of this label shall be on the same size paper.	See Exhibit 1, Exhibit 3, and Exhibit 9
2.1033(b)8	If the equipment for which certification is being sought must be tested with peripheral or accessory devices connected or installed, a brief description of those peripherals or accessories. The peripheral or accessory devices shall be unmodified, commercially available equipment.	See Test Report measurements in Exhibit 6A
2.1033(b)9	For equipment subject to the provisions of part 15 of this chapter, the application shall indicate if the equipment is being authorized pursuant to the transition provisions in §15.37 of this chapter.	Tested to comply with the limits currently in effect on 8/20/2004
2.1033(b)10	Applications for the certification of	Not applicable

	scanning receivers shall include a statement describing the methods used to comply with the design requirements of all parts of §15.121 of this chapter. The application must specifically include a statement assessing the vulnerability of the equipment to possible modification and describing the design features that prevent the modification of the equipment by the user to receive transmissions from the Cellular Radiotelephone Service. The application must also demonstrate compliance with the signal rejection requirement of §15.121 of this chapter, including details on the measurement procedures used to demonstrate compliance.	
2.1033(b)11	Applications for certification of transmitters operating within the 59.0–64.0 GHz band under part 15 of this chapter shall also be accompanied by an exhibit demonstrating compliance with the provisions of §15.255 (g) and (i) of this chapter.	Not applicable
Parts 21 and 74 “Application for Certification” requirements		
2.1033(c)	Applications for equipment other than that operating under parts 15 and 18 of the rules shall be accompanied by a technical report containing the following information:	
2.1033(c)1	The full name and mailing address of the manufacturer of the device and the applicant for certification.	NextNet Wireless, Inc. 9555 James Avenue South, Suite 270 Bloomington, MN 55431
2.1033(c)2	FCC identifier.	PHX-OSU2400A
2.1033(c)3	A copy of the installation and operating instructions to be furnished the user. A draft copy of the instructions may be submitted if the actual document is not available. The actual document shall be furnished to the FCC when it becomes available.	See Exhibit 8
2.1033(c)4	Type or types of emission.	21.905(b): OFDM / 5M53W7D 74.936(a): OFDM / 5M53W7D
2.1033(c)5	Frequency range.	2500 – 2686 MHz
2.1033(c)6	Range of operating power values or	0.001 Watts – 2 Watts

21.909(g)2 74.939(g)2	specific operating power levels, and description of any means provided for variation of operating power.	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(n): 18 dBW EIRP 74.939(p): 18 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 Exhibit 4
2.1033(c)9	Tune-up procedure over the power range, or at specific operating power levels.	See 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 Exhibit 5 and 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 Exhibit 3 and 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 6B
2.1033(c)15	The application for certification of an	Not applicable

	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.	
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. 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
2.1033(d)	Applications for certification of equipment operating under part 20, that a manufacturer is seeking to certify as hearing aid compatible, as set forth in §20.19 of that part, shall include a statement indicating compliance with the test requirements of § 20.19 and indicating the appropriate U-rating for the equipment. The manufacturer of the equipment shall be responsible for maintaining the test results.	Not applicable
2.1033(e)	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. Separate applications must be filed if different FCC Identifiers will be used for each device.	This product certification is for compliance to FCC parts 15.247, 21, and 74.

Test Report Summary Parts 21/74

CFR Rule Part	Requirement	Test Result
1.1310	Radio Frequency Radiation Exposure Limits	Pass
2.1046 21.904(a) 74.935(a)	RF Output Power	Pass
2.1047 21.905(b) 74.936(a)	Modulation Characteristics	Pass
2.1049 21.908(a) 74.936(c)	Occupied Bandwidth	Pass
2.1051	Spurious Emissions at Antenna Terminals	Pass
2.1053	Field Strength of Spurious Radiation	Pass
2.1055	Frequency Stability	Pass
2.1091	Radio Frequency radiation exposure evaluation: mobile devices.	Pass