

FCC ID: PQS-BM29001

Exhibit 1 for Boomer II 900 MHz

- a) Application overview**
- b) Equipment:**
- c) Authorization Letter /Agent Designated (Jay Sarkar)**
- d) Request for confidentiality**

October 18, 2002

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills road
Columbia, MD 21046

Subject: FCC Part 90 Certification of Wavenet Technology's Wireless OEM Modem Module, Model Boomer II 900 MHz, 896-901 MHz band.

Gentlemen:

Enclosed herewith, please find an application for Part 90 Certification on behalf of Wavenet Technology Pty Ltd. on their product: *Wireless OEM Modem Module*. This is a 900 MHz band transceiver for wireless data communications. It is an OEM product for integration into customer end user equipment as an OEM modem and interfaces to it via the data interface port. This modem provides profile type for 896-901 MHz, J Spectral Mask, 4-Level FSK RDLAP 9.6, 2.5 kHz deviation.

FCC ID:	PQS-BM29001
Product:	Wireless OEM Modem Module
Model:	Boomer II 900 MHz
EUT Type:	Licensed Non-Broadcast Station Transmitter (TNB)
TX Frequency:	896-901 MHz
Measured ERP:	1.556 W at frequency 901 MHz in band 896-901 MHz
Emission Designator:	9K8F1D (Mask J, 896-901 MHz band)
Frequency Stability:	1.5 ppm in 896-901 MHz band

Test Configuration: The OEM module was tested using a whip standard 1/4 wave portable antenna mounted on a ground plane and the unit connected to a test jig (no interference was produced by the test jig).

Enclosed please find letter of authorization, request for confidentiality, test reports. Also please find FCC ID label, photographs, block diagram, schematic, technical description, parts list and tune-up procedure, user manual and the letter for FCC Part 15 compliance and an attestation letter that the wireless modem complies with Part 90.

The integrated customer specific product will have it's own antenna, RF cable and unique FCC ID. This combined product will require its own testing and unique submission to the FCC for approval, which will include SAR testing as the unit will have its own antenna packaging etc. As such, SAR test result is not included.

Based on the test data and submitting this application, we are requesting for certification of this product.

With Best Regards,



Jayanta (Jay) Sarkar, e-mail: J.Sarkar@aprel.com
Technical Director, Standards and Certification
Authorized Agent of Wavenet.

EXHIBIT 1b

Equipment Identification

FCC ID: PQS-BM29001

MANUFACTURER: Wavenet Technology Pty Ltd

FCC ID:	PQS-BM29001
Product:	Wireless OEM Modem Module
Model:	Boomer II 900 MHz
EUT Type:	Licensed Non-Broadcast Station Transmitter (TNB)
TX Frequency:	896-901 MHz
Measured ERP:	1.556 W
Emission Designators:	9K8F1D
Frequency Stability:	1.5 ppm in 896-901 MHz band



140 Burswood Rd. Burswood
Western Australia, 6100
Tel: +61 8 9262 0200 Fax: +61 8 9355 5622
Email: wavenet@wavenet.com.au
Web Site: www.wavenet.com.au
ABN 88 079 965 003

September 27, 2002

Federal Communications Commission
Equipment Authorisation Branch
7435 Oakland Mills Road
Columbia MD 21406

TO WHOM IT MAY CONCERN

RE: *Wavenet Technology PTY Ltd.*
Product: Wireless OEM Modem Module, Boomer II

FCC ID: **PQS-BM29001**

We the undersigned, hereby authorise Jay Sarkar of APREL Laboratories, to act on our behalf in all matters relating to equipment authorisation, including the signing of all documents relating to these matters. Any and all acts carried out by APREL Laboratories on our behalf shall have the same effect as acts of our own.

We also certify that no party to this application is subject to denial of benefits, pursuant to Section 301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C.853(a).

Yours sincerely

A handwritten signature in dark ink, appearing to read "John Thompson", with a long horizontal flourish extending to the right.

JOHN THOMPSON
Managing Director



140 Burswood Rd. Burswood
Western Australia, 6100
Tel: +61 8 9262 0200
Fax: +61 8 9355 5622
Email: wavenet@wavenet.com.au
Web Site: www.wavenet.com.au
ABN 88 079 965 003

12 September 2002

Federal Communications Commission
Equipment Authorisation Branch
7435 Oakland Mills Road
Columbia MD 21406

Gentlemen:

RE: *Wavenet Technology Pty Ltd*
Product: OEM Wireless Modem, Boomer II, FCC ID: PQS-BM29001
Request for Confidentiality

Wavenet Technology Pty Ltd, hereby requests confidentiality of the Block Diagram, Schematic Diagrams, photographs, Parts List and Operational Description Exhibit for the attached test report.

These documents contain detailed system and equipment description and related information about the product, which *Wavenet Technology Pty Ltd* considers to be proprietary, confidential and a custom design and, otherwise, would not release to the general public. Since this design is a basis from which future technological products will evolve, *Wavenet Technology Pty Ltd* considers this information would be of benefit to its competitors and that the disclosure of the information in these documents would give competitors an unfair advantage in the market.

Yours sincerely

JOHN THOMPSON
Managing Director