

**FCC ID: PQS-DWM0001**

## Exhibit 1

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

February 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 Modem attachment for Palm m250/m500/m505 or equivalent PDA, model DUALWAVE M.*

Gentlemen,

Enclosed herewith, please find an application for Part 90 Certification on behalf of Wavenet Technology Pty Ltd on their product: *PDA Wireless Modem attachment for Palm*. This is an 800 MHz band transceiver system for wireless data communications on the DataTAC wireless system. Frequency band is limited to 806 MHz to 821 MHz (Motient network). The out put power is fixed (1.622 W ERP). It is a wireless modem attachment for Palm m125/m500/m505/PDA or equivalent PDA. The unit was tested attached with Palm m500.

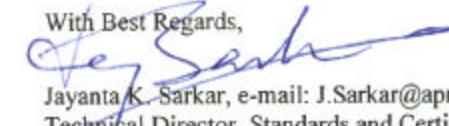
DUALWAVE M was evaluated in three configurations: 1 – Wireless Modem attached to Palm m500; 2 – Wireless Modem attached to Palm m500 and connected to PC; 3 – Wireless Modem (without Palm) connected to PC.

Based on the test data and in submitting this application, we are requesting for certification of the Wireless Modem, model DUALWAVE M under Part 90.

**FCC ID:** PQS-DWM0001  
**PRODUCT:** Wireless Modem attachment for Palm/PDA  
**MODEL:** DUALWAVE M  
**EUT TYPE:** Licensed Non-Broadcast Station transmitter (TNB)  
**TX Frequency:** 806 – 821 MHz  
**MEASURED ERP:** 1.622 W

Enclosed please find Letter of Authorization, Request for Confidentiality, Reports on ERP, Field Strength of Spurious Radiation, Bandwidth/ Bandwidth Limitation, and Spurious Emissions for Antenna Terminal, Frequency Stability and SAR. 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.

With Best Regards,

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

## **EXHIBIT 1b**

### **Equipment Identification**

**FCC ID: PQS-DWM0001**

**MANUFACTURER: Wavenet Technology Pty Ltd**

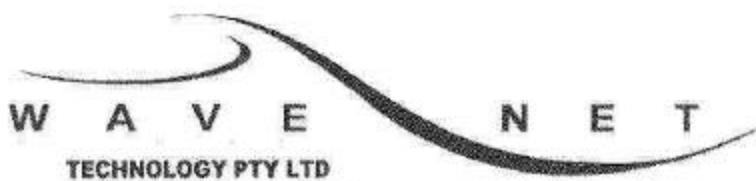
**PRODUCT: Wireless Modem attachment for Palm m125/m250/m500/m505/PDA**

**MODEL: DUALWAVE M**

**EUT TYPE: Licensed Non-Broadcast Station Transmitter (TNB)**

**TX Frequency: 806-821 MHz**

**MEASURED ERP: 1.622 W**



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ABN 88 079 965 003

January 18, 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: PDA Wireless Modem, Dualwave M

FCC ID: PQS-DWM0001

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 black ink, appearing to read 'JOHN THOMPSON'.

JOHN THOMPSON  
Managing Director



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ABN 88 079 965 003

January 18, 2002

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

Gentlemen:

*RE: Wavenet Technology Pty Ltd*  
Product: PDA Wireless Modem, Dualwave M  
Request for Confidentiality

FCC ID: PQS-DWM0001

*Wavenet Technology Pty Ltd*, hereby requests confidentiality of the Block Diagram, Schematic Diagrams, and Parts List 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