

Thomas N. Cokenias *EMC & Radio Type Approvals*
Test & Consulting Services for Commercial, Military, International Compliance
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3 April 2000

Federal Communications Commission
445 12th St. S.W.
Washington DC 20554

Attention: Carl Huie

Re: Application for STA

Applicant: Wireless Inc.
 5452 Betsy Ross Drive
 Santa Clara CA 95054-1101

Equipment: 3400 - 3600 MHz TDMA Data Transceiver (Not for use in the USA)
Model Number: Wavenet 3500

Dear Mr. Huie

An application for an STA has been submitted for this product via the website. Per section 5.56 of the Rules:

1. Applicant name and address are shown above
2. Wireless Inc. has developed this digital data transceiver product for use in Europe and Asia; it will not be sold for use in the US because there is no allocation in Part 2 for this type of device. In order to demonstrate and test the product to potential customer specification, field trials are required. Wireless Inc. is a US company located in Santa Clara, CA, and performing these tests in the US more efficient and cost effective than setting up a field trial in another country.
3. An internet service provider network will be simulated. Refer to page 1-4 of the user manual, submitted as an attachment to the STA application.
4. The purpose of the operation is to determine and then demonstrate that the Wavenet 3500 performs as designed when deployed in a typical multi-radio configuration.
5. Proposed times of operation are as close to 24 hrs a day as possible.
6. Other identification: 0126ST2000
7. Location details are in the STA filing and in a Word document attachment *3500 Field Trial Site Information*
8. Refer to user manual for full description of the equipment to be used.
9. Frequencies desired:

Central Unit = TX 3536.875-3549.125 MHz / RX 3436.875-3449.125 MHz
Remote Unit = TX 3436.875-3449.125 MHz / RX 3536.875-3549.125 MHz

10. Power output: Central Site = 23 dBm + 17 dBi = 40 dBi
Remote Site = 23 dBm + 18 dBi = 41 dBi

11. Type of emissions: 4QAM 0.5

12. Overall height of antennas: refer to STA application and attachment *3500 Field Trial Site Information*

If you have questions or need further information please don't hesitate to call. I act as agent for Equipment Authorization applications for Wireless products and have been asked to act as agent with respect to this STA application as well.

Sincerely,

THOMAS N. COKENIAS
EMC Consultant and Agent for Wireless Inc.