

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

W A 2 X F N
(Call Sign)

XD FX.MO
(Class of station)

S-3163-EX-98
(File number)

NAME NOKIA, INC.

Nokia House; Irving, TX
(Location of station)

Special Temporary Authority is hereby granted to operate the radio transmitting apparatus described below:

Frequency (MHz)	Authorized Power (watts)	Emission Designator	Class
902 - 915	0.0025 (ERP)	200KG7W	MO
947 - 960	0.0025 (ERP)	200KG7W	FX
1710 - 1785	0.0025 (ERP)	200KG7W	MO
1805 - 1850	0.0025 (ERP)	200KG7W	FX
1850 - 1910	1.22 (ERP)	200KG7W	MO
1930 - 1990	1000 (ERP)	200KG7W	FX

Purpose of Operation: Test and development of PCS equipment.

Special Condition: Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.

This special temporary authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This special temporary authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control by the Government of the United States conferred by Section 706 of the Communications Act of 1934.

This authorization effective January 30, 1998 and
will expire 3:00 A.M. EST. July 30, 1998



S-3163-EX-98

NOKIA

CONNECTING PEOPLE

1850 K St. NW, Suite 1175, Washington, D.C. 20006
PH: 202.887.0145 FX: 202.887.0432

January 9, 1998

Federal Communications Commission
Common Carrier Land Mobile
P.O. Box 358130
Pittsburgh, PA 15251-5130

Dear Sir/Madame:

In accordance with Section 5.202(i) of the Commission's Rules, we request special temporary authority ("STA") to operate a radio facility for the purpose noted below.

The Fee Code for this application is EAE. An authorization of a credit card payment of \$45 and Form 159 are enclosed.

In support of this request, the following is shown:

1. Nokia House
6000 Connection Drive
Irving TX 75039
Main # 972-894-5000
Main Fax # 972-894-5050

Attention: Bill Plummer
Tel. No.: 202/887-1798

2. Need for Special Action

The STA is requested in order to add the new facility, Nokia House, to our current two (2) year experimental license (File number 5878-EX-ML-97). The move to Nokia House commences on January 30, 1998. We have filed an FCC Form 442 application to add this location to our existing license.

will approve 1/8/98

(6018-98)

3. Type of Operation

Network coverage will consist of a low power base station operating within the Nokia House facility. Tests will include, but not limited to, new software release testing, cell coverage enhancement testing, and integration testing with other vendor equipment.

4. Purpose of Operation

Nokia House will be used in order to conduct performance and integration testing on Personal Communication Service (PCS) equipment.

5. Dates of Operation

The trial is planned to commence January 30, 1998 through June 30, 1998.

6. Class of Station/Radio Service

Call Sign	Class of Station
WA2XFN	XD FX, MO

7. Location of Proposed Operation

Site	Geographical Coordinates:
Nokia House 6000 Connection Drive Irving TX 75039 Main: 972-894-5000 Main Fax: 972-894-5050	Latitude: 32.894045 Longitude: 96.965143

8. Equipment to be Used

The equipment to be used consists of Nokia's GSM Base Transmitter Stations (BTS) and companion portable transceivers.

9. Frequencies Desired, Radiated Power

Frequency MHz	Class Stn	Authorized Power
902.00000-915.00000	MO	2.500mW (ERP)
947.00000-960.00000	FX	2.500mW (ERP)
1710.00000-1785.00000	MO	2.500mW (ERP)
1805.00000-1850.00000	FX	2.500mW (ERP)
1850.00000-1910.00000	MO	1.220W (ERP)
1930.00000-1990.00000	FX	1K (ERP)

10. Type of Emission

The emission is 200KG7W

11. Overall Height of Antenna and
Less than six meters

12. Eligibility

The applicant manufacturers equipment for cellular and PCS systems and subscribers.

13. Anti-Drug Abuse Certification

The applicant hereby certifies that neither it, its officers and directors, nor any party with a five percent or greater interest in this request for special temporary authority has been convicted of offences consisting of the distribution or possession of controlled substance as such terms are defined in Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 862.

If there are any questions about this application, please contact the undersigned.

Thank you for your prompt attention to this request.

Respectfully,

A handwritten signature in black ink, appearing to be 'Bill Plummer', written over a horizontal line.

Bill Plummer
Director, Government and Industry Affairs
Nokia, Inc.

DATE: 1/22/98

Dear

- [] No application/filing accompanied your submission.
- [] No remittance accompanied your submission.
- [] No Remittance Advice Form (FCC Form 159) accompanied your submission.
- [] The amount remitted and/or Payment Type Code is incorrect.
- [] The Remittance Advice Form is incomplete.
- [] Multiple transactions are not accepted for this Payment Type Code. Each transaction must be listed separately on the Remittance Advice Form.
- [] When filing for more than one applicant and paying with a single remittance, you must include them all on one Remittance Advice Form. Please use Advice (Continuation Sheet) (FCC Form 159-C) if additional entries are necessary.

Please refer to the enclosed fee filing guide for further instructions, and mail your corrected application, Remittance Advice Form, and payment to the appropriate P.O. Box in Pittsburgh, Pennsylvania.

Enclosure AUTH MEMO

4798264806750018
(0451111)

RESEND

G. No

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FACSIMILE MESSAGE

FACSIMILE MESSAGE

FACSIMILE MESSAGE



**FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF ENGINEERING AND TECHNOLOGY**

2000 M STREET, N.W., SUITE 230
WASHINGTON, D.C. 20554

January 30, 1998 10 26 am

FROM: Carl Huie

Telephone: (202) 418-2430
Fax #: (202) 418-1918

TO:

Name: Bill Plummer
Organization: NOKIA TELECOMMUNICATIONS, INC.
Telephone: (202) 887-0145 x
Fax #: (202) 887-0432

This cover sheet is page 1 of 2 pages

COMMENTS:

Authorization will be mailed after receipt of original application.