

2002 Edmund Halley Drive

Reston, VA 20191 USA

(703) 620-6300

FAX (703) 476-2720

<http://www.comsearch.com>



COMSEARCH®

March 12, 2001

Mr. Johan Ekstrom
Ericsson, Inc.
740 East Campbell Road
Richardson, Texas 75081

**Re: Ericsson, Inc.
Temporary Demonstrations of UMTS Equipment in Plano, TX**

Dear Mr. Ekstrom:

Comsearch has completed the frequency coordination for Ericsson's temporary PCS operations in Plano, TX, for the time period starting from April 15, 2001 through April 30, 2001. The specific frequencies coordinated are listed on the attachment.

In order to avoid harmful interference with microwave systems and to comply with the FCC rules and regulations, we have analyzed the temporary operation using Comsearch's spectrum management tools against other microwave systems within the FCC required coordination distance. The calculations used in our analysis follow the guidelines specified in TIA Telecommunications Systems Bulletin (TSB) 10-F, "Interference Criteria for Microwave Systems." Specifically, it includes both threshold degradation and carrier-to-interference (C/I) methodologies for analog and video microwave receivers, and threshold-to-interference (T/I) methods for digital microwave receivers. Industry accepted propagation models are used in order to compute the interfering levels into microwave receivers.

Thank you for the opportunity to provide you with our services. If you have any questions or require additional information, please call me at (703) 476-2705, or send e-mail to nbeekhuy@comsearch.com.

Sincerely,
COMSEARCH

Nilanthi Beekhuysen
Supervisor, Spectrum Sharing Engineering

Enclosures



Frequency Assignments for Ericsson, Inc.

Site Address

6300 Legacy Drive
Plano, TX

Base Coordinates

Latitude: 33-04-40.0 N
Longitude: 96-48-51.0

Maximum Mobile Radius of Operation

2 km

Maximum Antenna Height

20 m

Technology

UMTS

Max Power

30 dBm

Spectrum Requested

5 MHz Channel

Spectrum Assigned

5 MHz Channel

Frequencies Assigned

2117.5 MHz/1927.5MHz

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SUPPLEMENTAL SHOWING, PARTS 21.100(d) and 101.103(d)

ERICSSON, INC.
1.9 GHz / 2.1 GHz 3G (UMTS) Microwave System
Temporary Operations
Dates of Operation: April 15 - 30, 2001

Dear Frequency Coordinator:

PURSUANT TO PART 21.100(d) AND 101.103(d) OF THE FCC RULES AND REGULATIONS, THE ABOVE REFERENCED MICROWAVE ROUTE WAS COORDINATED WITH THE EXISTING LICENSEES AND APPLICANTS WHOSE FACILITIES COULD BE AFFECTED. COORDINATION DATA WAS FORWARDED ON March 12, 2001.

THE FOLLOWING CARRIERS OR THEIR DESIGNATED COORDINATION AGENTS WERE NOTIFIED:

360 DEGREE COMM CO OF TEXAS LTD PARTNER
AT&T COMMUNICATIONS
AT&T WIRELESS SERVICES - AR, LA, OK, TX
BRAZOS CELLULAR COMMUNICATIONS, LTD.
CENTRAL TELEPHONE COMPANY OF TEXAS
COMSEARCH
DALLAS SMSA LIMITED PARTNERSHIP
DOBSON CELLULAR OF TEXAS, INC.
HUFFMAN COMMUNICATIONS
METROPLEX TELEPHONE COMPANY
MICROWAVE TELECOMMUNICATIONS INC TEXAS
MID TEX CELLULAR LTD
MOBILE PHONE OF TEXAS INC
MOBILECOMM
NORTHEAST TEXAS CELLULAR TELEPHONE CO
OKLAHOMA #9 RURAL CELLULAR INC
OKLAHOMA RSA #9 LTD PARTNERSHIP
PRICE COMMUNICATIONS
TELETOUCH CORPORATION
TEXAHOMA CELLULAR LIMITED PARTNERSHIP
TEXAS RSA #10B3 LIMITED PARTNERSHIP
TEXAS RSA #10B4 LIMITED PARTNERSHIP
TEXAS RSA #11B LIMITED PARTNERSHIP
TEXAS RSA 10B1 LIMITED PARTNERSHIP

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1.9 GHz / 2.1 GHz 3G (UMTS) Microwave System
Temporary Operations
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Dear Frequency Coordinator:

(CONT'D)

TEXAS RSA 10B2 LIMITED PARTNERSHIP
TEXAS RSA 6 LIMITED PARTNERSHIP
TEXAS RSA 7B1 LTD PARTNERSHIP
TEXAS RSA 7B2 LIMITED PARTNERSHIP
TEXAS RSA 9B1 LIMITED PARTNERSHIP
TEXAS RSA 9B4 LIMITED PARTNERSHIP
TYLER-LONGVIEW-MARSHALL MSA LTD PARTNERS
U S CELLULAR TELEPHONE - GREATER TULSA
US CELLULAR OPER. CO OF LAWTON, LP
USCOC OF OKLAHOMA RSA #10, INC.
WWC LICENSE L.L.C.
WWC TEXAS RSA LIMITED PARTNERSHIP
YUMA ARIZONA RSA LP (PAGING)

THERE ARE NO UNRESOLVED INTERFERENCE OBJECTIONS WITH THE STATIONS
CONTAINED IN THESE APPLICATIONS.

RESPECTFULLY SUBMITTED,

COMSEARCH



NILANTHI I. BEEKHUYSEN
SUPERVISOR, SPECTRUM SHARING ENGINEERING
MICROWAVE AND SATELLITE SERVICES