

RECEIVED

SEP 18 1991

YOUNG & JATLOW  
2300 N STREET, N. W.  
SUITE 600  
WASHINGTON, D. C. 20037

Federal Communications Commission  
Office of the Secretary

TELEPHONE  
(202) 683-9080  
TELEFAX  
(202) 331-8001

DAVID C. JATLOW  
FRANCIS L. YOUNG\*

\*ADMITTED IN TEXAS

September 18, 1991

Mr. H. Franklin Wright  
Federal Communications Commission  
Office of Engineering and Technology  
Frequency Liaison Branch  
Room 7326  
2025 M Street, N.W.  
Washington, D.C.

In re: Ericsson Paging Systems, Inc.  
Experimental Authorization KF2XEF  
File No. 1609-EX-PL-90  
Experimental Report No. 3

Dear Mr. Wright:

Pursuant to the conditions set forth in the above-referenced authorization, this letter will serve as the third Experimental Report of Ericsson Paging Systems, Inc. ("EPS") for Experimental License KF2XEF.

In the quarter preceding this report, EPS conducted field strength measurements in the 940-952 MHz band at an Ericsson facility in Anaheim, California. The measurements were taken at 30 locations inside and outside Ericsson's offices.

The purpose of these tests was to measure the level of signal in the band in which EPS proposes to share spectrum to verify (a) that STL's in the 944-952 MHz band generally avoid transmitting into buildings resulting in negligible signal strength in the 944-952 MHz band inside buildings and (b) that the relative lack of signal strength found inside buildings in the 941-952 MHz band due to the physical shielding of the in-building environment by the buildings themselves will permit the shared use of the 941-952 MHz band inside buildings.

The field strength measurements showed that there was virtually no measurable signal in the 941-952 MHz band at the outside testing locations and the level of signal at the inside testing locations was attenuated to an even greater extent.

RECEIVED  
SEP 21 8 58 PM '91

J & JATLOW

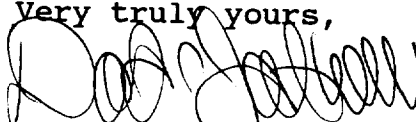
Mr. H. Franklin Wright  
Page Two  
September 18, 1991

Typical outside and inside field strength readings in the 941-952 MHz bands were -65.9 dBm and -85 dBm, respectively.

In addition, on September 11, 1991 EPS filed a request with the FCC for Special Temporary Authority to operate CT-3 equipment in the 862-868 MHz band in the Washington, D.C. and Orange County, California markets at fixed locations to demonstrate this technology. CT-3 equipment will be installed in the Washington, D.C. area during the 4th quarter of 1991, subject to a grant of the STA.

Should there be any questions with regard to this report, kindly communicate directly with the undersigned.

Very truly yours,



David C. Jatlow  
Counsel for Ericsson Paging Systems, Inc.