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*ADMITTED IN TEXAS

March 11, 1993

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 Business Communications, Inc.
Experimental Authorization KF2XEF
File No. 3054-EX-MR-92
Experimental Report No. 8

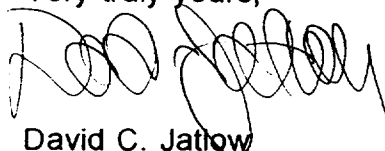
Dear Mr. Wright:

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

The CT3 access technology using the Ericsson DCT900 equipment continues to be used in a variety of experiments and trials.

Ericsson continues to find that its Experimental System using Decentralized Dynamic Channel Allocation and TDMA/TDD technology allows its system to operate without causing interference to existing licensees and without causing dropped calls or interfering with its own system.

Very truly yours,



David C. Jatlow
Counsel for Ericsson Business
Communications, Inc.

Mr. H. Franklin Wright
September 18, 1992
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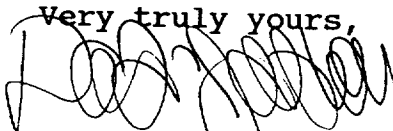
These tests showed that the propagation pattern was modified with the use of antenna diversity thus allowing the portables to more efficiently select the best signal path for communication.

With a TDMA/TDD system the introduction of time delay and echo cancelling has to be addressed. The DCT900 product has incorporated the appropriate solutions which gives excellent voice quality and very low implementation costs.

The testing done to determine voice quality included subjective questioning of users of DCT900 equipment as well as the persons being called. In ascertaining the subjective voice quality, "wireline" quality was used as the benchmark.

Spectrum sharing with like systems to determine the effect on each other when base stations and or portables were in close proximity was also investigated. Tests were carried out with two and three unsynchronized systems installed in the same area using the same frequencies with base station separation of no more that 20 feet. All systems operated well without causing dropped calls or interfering with each other's operation.

Very truly yours,



David C. Jatlow
Counsel for Ericsson Business
Communications, Inc.