

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

K Q 2 X I T
(Call Sign)

XD FX & MO
(Class of station)

S-0230-EX-89
(File number)

NAME MOTOROLA, INC

Within 75 mile radius of Boynton Beach, Florida
(Location of station)

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

Frequency MHz	Authorized Power (watts)	Emission Designator
153.200	500 (ERP)	20K0F2D/F3E/F3D/F1D/F1E
928.9625	500 (ERP)	20K0F2D/F3E/F3D/F1D/F1E
930-931	500 (ERP)	20K0F2D/F3E/F3D/F1D/F1E

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 606 of the Communications Act of 1934.

This authorization effective October 6, 1989 and
will expire 3:00 A.M. EST. April 6, 1990

FEDERAL
COMMUNICATIONS
COMMISSION



MOTOROLA INC.

890290
842-3578

September 13, 1989

Mr. Frank Wright
Chief, Frequency Liaison Branch
Office of Engineering and Technology
Federal Communications Commission
2025 M Street, N.W., Room 7322
Washington, DC 20554

Dear Mr. Wright:

Motorola, Inc. requests a Special Temporary Authority under experimental license KQ2XIT pursuant to Section 5.202(e) for propagation testing under the parameters listed below:

Frequencies:	153.200 MHz, 928.9625 MHz, 930-931 MHz
Power:	500 Watts ERP
Emissions:	20K0F2D, F3E, F3D, F1D, F1E
Frequency Tolerance:	2 ppm @153.200 MHz; 1 ppm @928.9625 MHz and 930-931 MHz
Location:	75 mile radius of Motorola's Boynton Beach (Palm Beach County) paging facility; center coordinates: 26-32-39 North Lat., 80-05-21 West Long.
Duration:	6 months

In Docket No. 79-144 the Commission categorically excluded regularly licensed land mobile and microwave systems from routine environmental processing concerning radio frequency (RF) radiation. While experimental actions were not categorically excluded, the facilities requested in the application are of a similar nature and should not exceed the ANSI standard used by the Commission for public exposure to RF radiation.

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Please call me at (202) 371-6940 if you have any questions or when the authorization is ready so I may pick it up from your office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Stuart E. Overby".

Stuart E. Overby

Manager of Technical Programs-Domestic
Government Relations Office