



MOTOROLA INC.

February 28, 1990

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 new experimental license to perform 800 MHz band testing in and around our Schaumburg, Illinois campus as detailed on the attached FCC Form 442. Expeditious processing of this request would be appreciated as Motorola needs to start testing as soon as possible.

The 821-824/866-869 MHz band has been allocated for public safety use, pursuant to frequency assignment plans developed by public safety regional committees and approved by the Commission. In the Chicago area (Region 54), such a plan was developed by the Southern Lake Michigan 800 MHz Regional Planning Committee under the leadership of Mr. Ted Vratny, and was subsequently approved by the Commission. While all the frequencies in the band are earmarked for particular users, actual implementation of these systems will occur gradually over the next several years. Accordingly, specific frequencies within the 821-824/866-869 MHz band can still be safely used for testing as long as adequate coordination with the regional planning group exists to avoid co- and adjacent-channel interference.

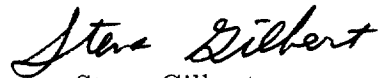
Mr. Vratny has agreed to assist Motorola in identifying specific frequencies within the 821-824/866-869 MHz band for testing that will avoid interference to regularly licensed users. Therefore, Motorola recommends granting the requested license for the entire 821-824/866-869 MHz band with a condition that prior to operation, Motorola must coordinate use

with the convener of Region 54.

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.

Please call me at (708) 576-0247 or Stu Overby in the Motorola Government relations Office at (202) 371-6940 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Steve Gilbert".

Steve Gilbert

Room 2240

Comm. Sector Research

cc: Ted Vratny