

FCC Application - Experimental Radio Service
Motorola, Inc.

EXHIBIT NO. 1
Item No. 3

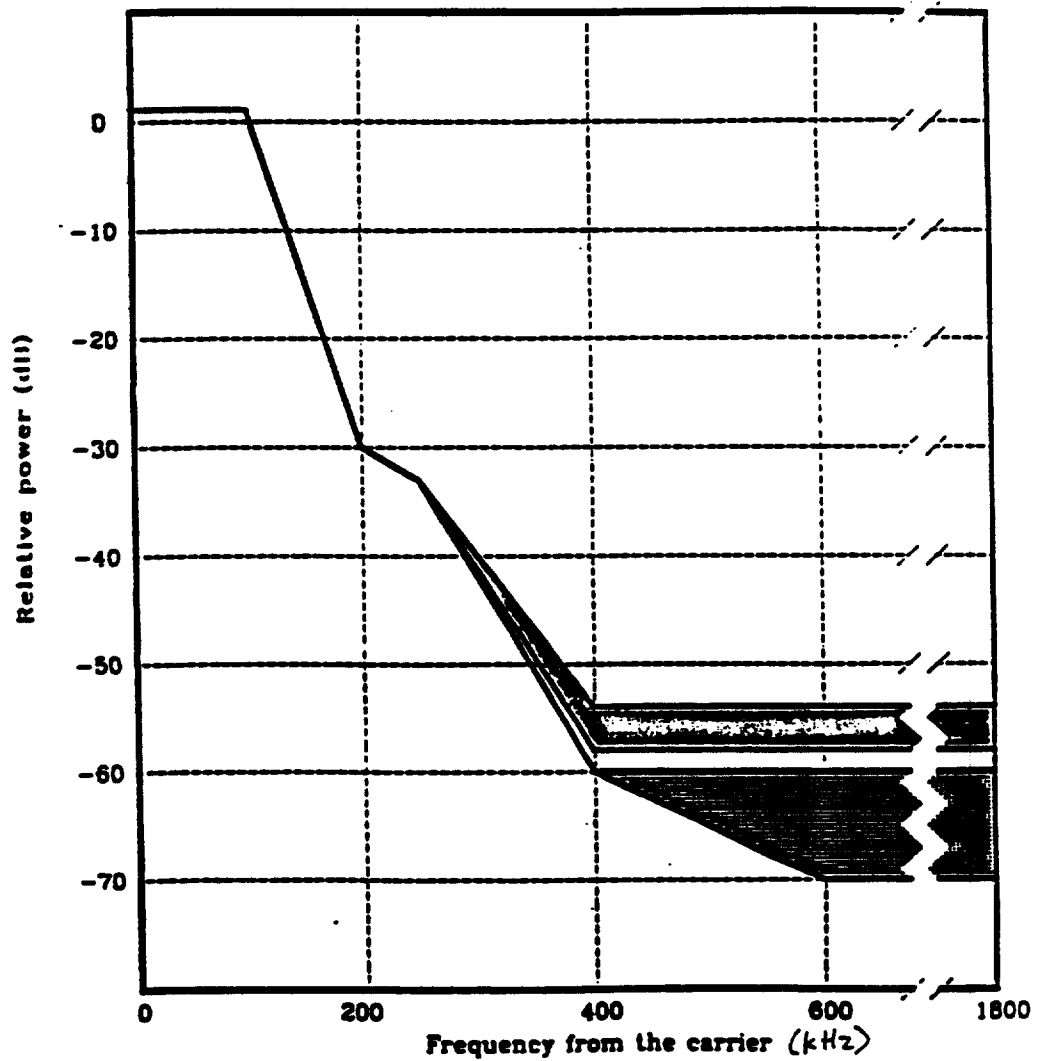
Addition of 23 mobile stations and a fixed transmit/receive base station, with identical radio specifications to those noted in the current license, File No. 1193-EX-MR-89. This makes a total of 25 mobile stations and 3 base stations. Location of the base stations and mobiles are detailed in Exhibit No. 3

FCC Application – Experimental Radio Service
Motorola, Inc.

EXHIBIT NO. 2
Item No. 4(g)

Rec.05.05 (version 3.5.0)

ANNEX 1: SPECTRUM CHARACTERISTICS
(spectrum due to the modulation)



- Integral antenna transmitters
- Antenna connector transmitters

FCC Application - Experimental Radio Service
Motorola, Inc.

EXHIBIT NO.3

Item No. 5(b) - 5(e)

fixed location:

Motorola (Corporate Tower)

1303 E. Algonquin Road

Schaumburg (Cook) Illinois: Lat.: 42 03 45 N Long.: 88 03 08 W

Motorola (Arlington Ridge)

3215B Wilke Road

Arlington Heights (Cook) Illinois: Lat.: 42 08 20 N Long.: 87 59 40 W

Motorola (Subscriber)

600 N. U.S. Hwy. 45

Libertyville (Lake) Illinois: Lat.: 42 17 21 N Long.: 88 00 00 W

mobile:

Up to 25 mobile within 20 mile radius of each above fixed location.

**FCC Application – Experimental Radio Service
Motorola, Inc.**

EXHIBIT NO. 4

Item No. 10(a) – 10(c)

- (a) This authorization is requested to allow us to operate a testbed for field testing of a Pan–European Digital Cellular (PEDC) system. Our proposed system consists of two (2) transmit/receive base stations operating in the 900 MHz band. Our testing will consist mainly of drive testing, i.e. using mobile stations (cellular telephones) to perform system tests.
- (b) The objective of our experiment is to verify the operation of a Pan–European Digital Cellular system.
- (c) Our proposed experiment (i.e. field testing) is a critical phase in the development of PEDC systems, which will ultimately improve digital cellular communications and provide a cellular system standard for Europe.

FCC Application - Experimental Radio Service
Motorola, Inc.

EXHIBIT No. 5
Item No. 15(e)

NOTE: This Exhibit ONLY applies for the Fixed Arlington Heights Location

