

FCC Application - Experimental Radio Service
Motorola, Inc.

EXHIBIT NO. 1

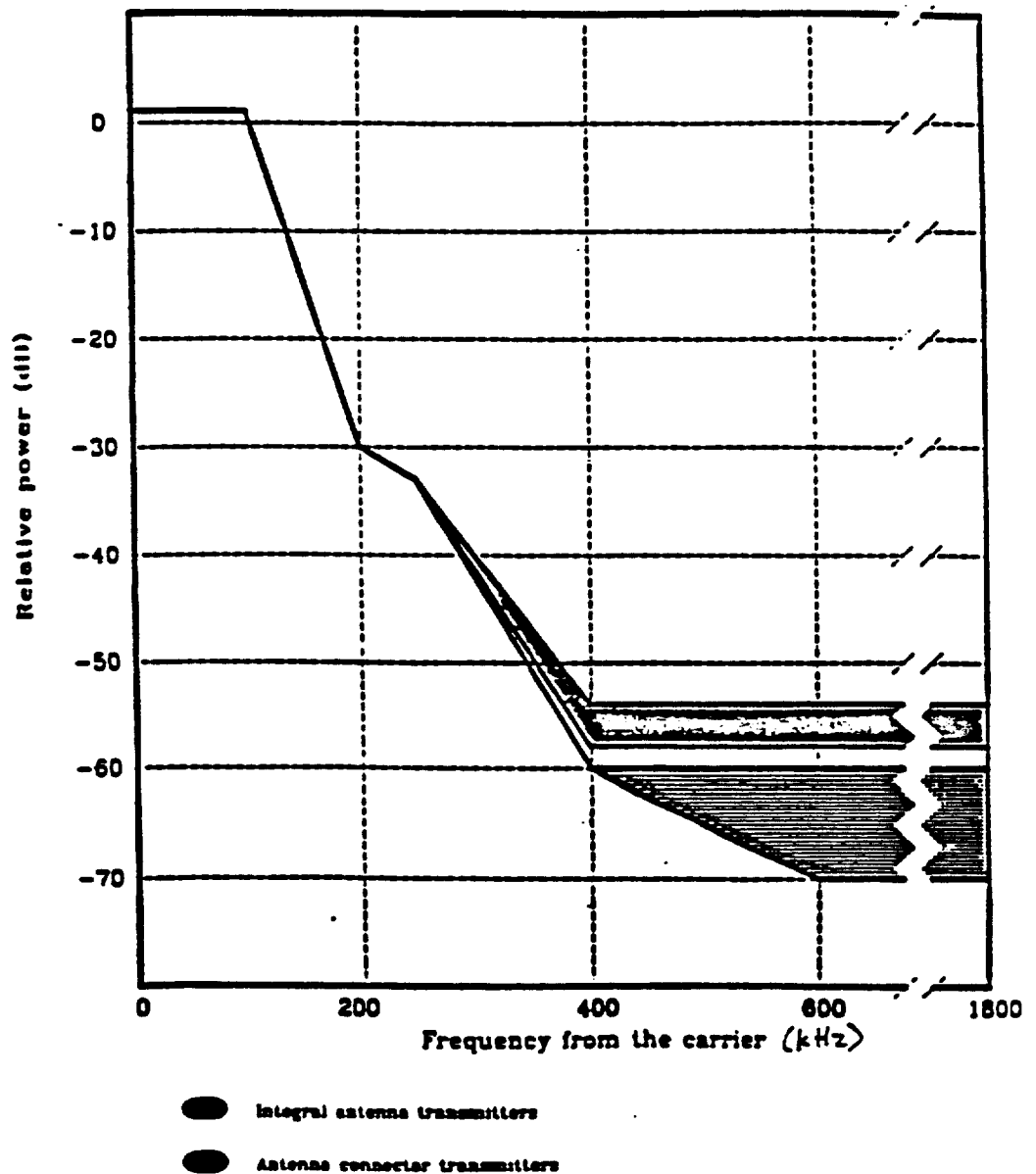
Item No. 3

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

EXHIBIT NO. 2
Item No. 4(g)

Rev.05.05 (version 3.5.0)

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



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**EXHIBIT NO.3
ITEM No. 5(b) – 5(e)**

Fixed location:

Motorola (Corporate Tower)
1303 E Algonquin Road
Schaumburg (Cook County) Illinois: Lat.: 42 03 45 N Long. : 88 03 08 W

Motorola (Arlington Ridge)
3215 N. Wilke Road
Arlington Heights (Cook County) Illinois: Lat.: 42 08 00.9 N Long. : 88 00 5.7 W

Motorola (Subscriber)
600 N. U.S. Hwy. 45
Libertyville (Lake County) Illinois: Lat.: 42 17 21 N Long. : 88 00 00 W

Mobile:

Up to (25) twenty five mobiles used within a 20 mile radius of each above fixed location.

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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.

EXHIBIT No. 5
Item No. 15(e)

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

