

FCC Application – Experimental Radio Service

Motorola Inc.

EXHIBIT NO.1

Item No.4a

The base station will be capable of transmitting 2110 MHz through 2170 MHz and the mobile will be capable of transmitting at 1920 MHz through 1980 MHz. The entire band is not required for testing, only a portion of each band is requested as follows:

Both frequency bands be of equal length

The start of the base station band will be at 190 MHz above the start of the mobile station.

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EXHIBIT NO. 2

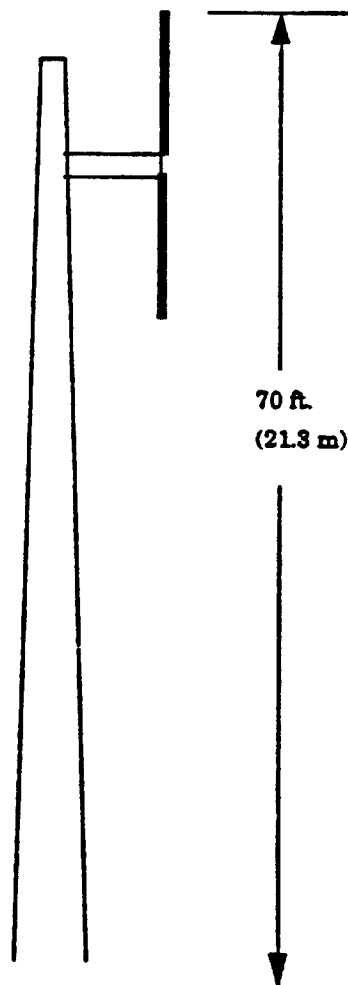
Item No. 10(a) – 10(c)

- a) This authorization is requested to allow us to operate a test bed for field testing of a 3G UMTS system. Our proposed system consists of one (1) transmit base station and one (1) mobile station to perform system tests.
- b) The object of our experiment is to verify the operation of the 3G UMTS system.
- c) Our proposed experiment (i.e. field testing) is to test the performance which can not be duplicated in a lab environment.

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EXHIBIT NO.3

Item No. 15(e)



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**EXHIBIT NO.4
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.
