NARRATIVE STATEMENT FOR QUESTION 7

A) Motorola is developing new 4G/3G mobile devices that will operate on WiMAX frequencies. Motorola will conduct performance testing of these devices inside their Plantation, Florida facility using three mini-cell sites. Each cell site will be equipped with a combination of Sectors and RF carriers. An outside consulting firm, Wireless Spectrum Resources, Inc., has been employed to monitor the WiMAX spectrum from 3.4 to 3.6 Ghz for any current users. (See attached Report) Since no current activity was detected, applicant is requesting authorization to begin testing. Motorola will periodically conduct off-the-air monitoring to insure that no interference is caused to any new users of this band.

B) Specific objectives of this testing will be to subject these new devices to a real-world environment which will recreate and resolve field reported problems

C) This program will provide a contribution to the utilization of the radio are by providing the general public with a reliable WiMAX device that can be used for their communications requirements.

WIRELESS SPECTRUM RESOURCES, INC.

INNOVATIVE SOLUTIONS FOR YOUR COMMUNICATIONS NEEDS

August 6, 2007

Khosrow Rafo
System Engineering Manager
Motorola, Inc.
IDENT/WLAN Subscriber Group/GTSS
8000 W. Sunrise Blvd.
Plantation, Fl. 33322-9947

Dear Mr. Raof:

On June 20, Wireless Spectrum Resources, Inc. with the assistance of Ruddy Diaz of your department conducted off the air measurements on the frequency bands 3.4 to 3.6 Ghz and 2.5 to 2.69 Ghz from the roof of the Motorola plant in Plantation, Florida.

The measurements for the frequency band 3.4 to 3.6 Ghz were conducted using your new Anrtisu spectrum analyzer, a 16 dBi sector antenna and appropriate coax to connect the two. The antenna was raised to a height of approximately 12 feet above the roof. Measurements were made with the antenna pointed in the North, East, South and West direction. At the time of the measurements no signals were observed in this frequency band from any direction. Thus it appears at that time no RF operations were being conducted in the 3.4 to 3.6 Ghz band. It would appear that this band is not being used in the local area and thus could be used for your proposed testing once a Experimental Radio Station License is obtained.

Measurements were also conducted as you requested in the frequency band of 2.5 to 2.69 Ghz. Again the Anritsu spectrum analyzer was used and a 16 dBi sector antenna and appropriate coax cable to connect the two was used. The antenna was raised to an approximate height of 12 feet above the roof. Measurements were made with the antenna pointed in the North, East, South and West direction. The spectrum analyzer display for each antenna direction was recorded and is attached. Since most signal activity in this band was noted with the antenna point South, a second scan from 2550 to 2590 MHz. Was conducted to insure that no activity was observed at your location. See attached screen print.

At the time these 2.5 to 2.69 Ghz. measurements were made, no signals were observed with the analyzer at your location for the band 2550 to 2590 MHz. Based on these observations, the present band plan channels C3, D3, C4 and D4 are not being used by any of the local licensees and could be used for your testing.

Submitted by
John L. Theimer
President

cc: Kevin Halvorsen, Solayer Media, Inc.

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