

From: Bette N. Rinehart

To: John Kennedy

Date: February 07, 2008

Subject: FCC File # 0080-EX-RR-2007

Message:

To: John Kennedy

From: John Gilbert

Email: johng@motorola.com

Date: February 07, 2008

Reference number : 6056

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Mr, Kennedy,

The frequency 416.75 MHz is currently being used by Motorola for field testing by a combination of approximately a dozen mobile and portable radios. Testing occurs at various times, primarily between the hours of 0700 and 1900 CST and primarily Monday to Friday.

Mobile antennas used are unity gain, non-directional, $\frac{1}{4}$ wave mobile antennas. The mobile radios have a maximum of 40 Watts of output power. Our portable radios use a $\frac{1}{4}$ wave antenna and have a maximum of 4 watts of output power. Current area of operation is confined to within a 25 KM radius of our corporate campus, located in Schaumburg, Illinois (NL 42-03-54; WL 88-02-54).

To prevent any possibility of interfering with a Federal Government agency, I would suggest that we discontinue use of this frequency (and the FNE transmit side at 407.95 MHz). As you know, I have no visibility to NTIA frequency usage data and am unable to make an informed frequency recommendation. Would it be possible for the NTIA/Commission to assign a new frequency pair in this same band with the same operating parameters as the existing grant? Maintaining a T-R separation of 8.8 MHz and keeping a pair-to-pair minimum spacing of 300 KHz will work best for our fixed station transmit combiner equipment.

Some potential candidate frequency pairs for consideration would be:

FX	MO
406.75	415.55
407.85	416.65
408.35	417.15
409.25	418.05

Thank you for your assistance with this license renewal.

John Gilbert

Distinguished Member of the Technical Staff

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