

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
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May 23, 2008

James E. Whedbee
5816 NE Buttonwood Tree Lane
Gladstone, Missouri 64119

In re: James E. Whedbee
Gladstone, Missouri
Request for Special Field Test Authority

Dear Mr. Whedbee:

This is in reference to the request filed on May 21, 2008, for special field test authority ("SFTA") pursuant to 47 CFR §73.1515. It is proposed to operate a 10 watt test transmitter on 1700 kHz, employing a temporary antenna at Gladstone, Missouri, geographic coordinates 39°12' 01" N, 94° 32' 06" W (NAD 1927), in connection with Mr. Whedbee's work with the Kansas City, Missouri School District. It is proposed to conduct a one-day test transmission for the purpose of comparing the propagation characteristics of analog and digital signals.

Our review confirms that no interference to any other station is likely. The planned program of testing is likely to provide information useful to the Commission in connection with the implementation of terrestrial digital radio broadcasting, in MM Docket No. 99-325; thus, the public interest would be served by grant of the requested SFTA.

In light of the above, the request for SFTA IS HEREBY GRANTED. Call Sign KC5XMO is assigned to the test station. Station KC5XMO may operate with the following facilities:

Frequency:	1700 kHz
Hours of operation:	Non-critical daytime hours only
Coordinates:	39°12' 01" N, 94° 32' 06" W (NAD 1927)
Power:	10 watts
Modulation:	1K00N0N, 6K00A3E, 6K25J2E
Antenna type:	Temporary antenna, nondirectional
Radiator height:	3 meters
Overall height:	3 meters (10')

Operation shall be limited to one day of testing between June 1 and June 16, 2008. In order to permit the use of approximately one hour each of digital and analog modulation during the test, waiver of Section 73.1515(c)(2) is granted. Transmissions shall include hourly station identification announcements pursuant to 47 C.F.R. Section 73.1201. A report detailing the methodology employed and the results obtained must be submitted within sixty days following

the conclusion of the experimental operation pursuant to 47 C.F.R. Section 73.1515(c)(7). It will be necessary to reduce power or cease operation if complaints of interference are received. It will be necessary to reduce power or cease operation to protect persons having access to the site from radio frequency radiation in excess of FCC guidelines.

This special field test authority expires **June 16, 2008**.

Sincerely,

A handwritten signature in black ink, appearing to read "Charles N. Miller". The signature is fluid and cursive, with a long horizontal stroke at the end.

Charles N. Miller, Engineer
Audio Division
Media Bureau