

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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November 28, 2007

(Reissued February 29, 2008, to further correct site coordinates)

John Low
Box 1416
Los Altos, California 94023

In re: John Low
New, Queen Creek, Arizona
Request for Special Field Test Authority

Dear Mr. Low:

This is in reference to the request filed on November 16, 2007. John Low ("JL") requests special field test authority ("SFTA") pursuant to 47 CFR §73.1515 for operation of a 1 kilowatt test transmitter on 1700 kHz, employing a temporary tower at Queen Creek, Arizona. It is proposed to conduct field strength measurements from two proposed sites pursuant to 47 CFR § 73.1515 and other applicable sections of the Commission's Rules, in connection with planned applications for new or modified AM facilities. The request provides details of the proposed SFTA operation.

Our review confirms that no interference to any other station is likely. SFTA will be granted as requested.

In light of the above, the requested special field test authority IS HEREBY GRANTED. Call Sign KJ6XTL is assigned to the test station. Station KJ6XTL may operate with the following facilities:

Frequency:	1700 kHz
Hours of operation:	Non-critical daytime hours only
Coordinates:	
Site #1:	33° 29' 33" N, 111° 38' 24" W (NAD 1927)
Site #2:	33° 15' 48" N, 111° 36' 20" W (NAD 1927)
Power:	1 kilowatt
Antenna type:	Temporary tower, nondirectional
Radiator height:	63.3° (31 m)
Overall height:	31 meters (100')
Ground system	120 radials, each 44 m in length
Efficiency	288 mV/m/km/kW ¹

Transmissions shall consist of unmodulated carrier plus hourly station identification announcements. Only one site shall be in operation at any given time. 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. § 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 **March 16, 2008**.

Sincerely,

Charles N. Miller, Engineer
Audio Division
Media Bureau

¹ Millivolts per meter at one kilometer for one kilowatt input power. JL must take sufficient measurements to demonstrate the actual efficiency of the test antenna, pursuant to Section 73.186.