

FEDERAL COMMUNICATIONS COMMISSION
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MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
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July 10, 2007

Benjamin F. Dawson III, P.E.
Hatfield & Dawson
9500 Greenwood Ave., N.
Seattle, Washington 98103

Re: WD2XUM, El Centro, California
Hatfield & Dawson
Special Temporary Authorization

Dear Mr. Dawson:

This is in reference to the request filed July 3, 2007, on behalf of Hatfield & Dawson ("H&D"). H&D requests special temporary authority ("STA") to operate Experimental Station WD2XUM at variance from its authorization.

In support of the request, H&D states that the experimental authorization for Station WD2XUM allows operation on three AM frequencies, with operation during daytime hours limited to 1000 watts or less, for the purpose of testing military antenna equipment. H&D states that the military has identified a requirement to conduct a "heat test" of the equipment, which cannot be performed under the terms of the existing authorization. H&D requests STA to operate Station WD2XUM during daytime hours on 1680 kHz, with power not to exceed 10 kilowatts.

Our review indicates that the Public Interest would be served by grant of the requested STA, and that interference to other stations is not likely to occur.

Accordingly, the request for STA IS HEREBY GRANTED. Station WD2XUM may operate with the following facilities:

Geographic coordinates:	32° 53' 24" N, 115° 47' 14" W (NAD 1927)
Frequency:	1680 kHz ± 20 Hz
Modulation:	10K0A3E, as necessary for test purposes ¹
Operating hours:	Daytime only ²
Operating power:	Not to exceed 10 kilowatts
Antenna overall height:	Not to exceed 50 meters

¹ Test tones, recorded music, voice or simulated voice signals may be employed for test purposes; however, program material intended for reception by the public shall not be broadcast.

² Daytime hours, local standard time: July, 4:45 a.m. - 7:00 p.m.; August, 5:00 a.m. - 6:30 p.m.; September, 5:30 a.m. - 5:45 p.m. To the extent possible, consistent with test objectives, operation shall avoid the daytime critical hours (the first and last two hours of daytime).

When operating pursuant to this authority, Station WD2XUM shall be identified in accordance with 47 CFR Section 73.1201. It will be necessary to reduce power or cease operation if complaints of interference are received. H&D must use whatever means are necessary to protect workers and the public from exposure to radio frequency radiation in excess of the Commission's exposure guidelines. *See* 47 CFR Section 1.1310.

This authority expires on **September 15, 2007**.

Sincerely,

A handwritten signature in dark ink, appearing to read "Charles N. Miller", with a long horizontal flourish extending to the right.

Charles N. Miller, Engineer
Audio Division
Media Bureau

cc: James Burtle, OET