

TECHNICAL EXHIBIT
APPLICATION FOR LICENSE
RADIO STATION WIOL(FM)
WAVERLY HALL, GEORGIA
CH 239A 6 KW 70 M

Technical Statement

This Technical Exhibit, of which this statement is part, was prepared on behalf of radio station WIOL(FM) on Channel 239A at Waverly Hall, Georgia. WIOL(FM) has authorization for a new transmitter site and community of license with an antenna height above terrain (HAAT) to 70 meters and its effective radiated power to 6 kilowatts (kW) employing a non-directional antenna.¹ By this instant application, station licensure is requested.

Figure 1 is a tabulation of the transmission system operating parameters.

Charles A. Cooper

April 29, 2010

du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
941.329.6000

¹ See FCC Construction Permit BMPH-20100301ADB.

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RADIO STATION WIOF(FM)
WAVERLY HALL, GEORGIA
CH 239A 6 KW 70 M

WIOF(FM) RF Transmission System Specifications

Description	System
Transmitter Power Output (6.6 kW):	8.2 dBk
<i>Andrew</i> Transmission Line Loss (HJ7-50A) 200 feet:	0.4 dB
<i>ERI LPX-2E</i> Antenna Gain (1.0 Power Gain):	0.0 dB
Effective Radiated Power (6.0 kW):	7.8 dBk