

APPLICATION FOR STATION LICENSE
URBAN RADIO LICENSES, LLC
WJZE (FM) RADIO STATION
CH 247A - 97.3 MHZ - 4.3 KW (DA)
OAK HARBOR, OHIO
December 2006

TECHNICAL STATEMENT

This Technical Statement was prepared on behalf of Urban Radio Licenses, LLC (“URL”), licensee of radio station WJZE, Channel 247A, Oak Harbor, Ohio. URL has an outstanding permit to make minor changes in the WJZE facilities (BMPH-20061103ACK). URL herein submits a license application to cover the outstanding permit. URL is operating WJZE under limited program test authority at 50% of its authorized directional antenna power. It is requested that the Commission review this submission and authorize full power operation for WJZE. A calculation of the transmitter power output of the WJZE transmitter is attached as Exhibit A.

There are six operating conditions/restrictions on the WJZE permit. The first four conditions relate to the use of a directional antenna system for WJZE. Attached as Exhibit B is an antenna proof of performance from Electronics Research, Inc. (“ERI”), the manufacturer of the WJZE antenna system, demonstrating the compliance of the antenna system with the requirements and limits contained in the permit. The measured pattern (composite of horizontal and vertical) is within 85% of the envelope pattern submitted with the construction permit

application. Further, attached as Exhibit C is a statement from an engineer that the antenna was assembled and installed in accordance with ERI's specifications. Finally, attached as Exhibit D is a verification from a Land Surveyor that the antenna is oriented as specified by ERI.¹ Further, as detailed in Exhibit B, the power of WJZE at 250° and 260° is below the required limits; the relative field at 250° is 0.276, a power level of 0.33 kilowatt (horizontal), and a relative field of 0.296 or 0.38 kilowatt (vertical); the relative field at 260° is 0.286, a power of 0.0.35 kilowatts, and a relative field of 0.270 or 0.31 kilowatt (vertical).

The fifth condition states that URL will reduce the power of WJZE, or cease operation as needed, to insure that persons with access to the tower will not be exposed to radio frequency radiation levels in excess of the Commission's guidelines. URL will comply with this requirement. The final condition states that the WJZE permit was granted pursuant to §73.215 of the rules. URL acknowledges this condition.

Based on the foregoing, it is believed that WJZE is operating in compliance with the Commission's rules and that all conditions have been met. Therefore, URL is operating WJZE, at 50% power, awaiting Commission approval for full power operation.

1) 65.0° true orientation.