

APPLICATION FOR STATION LICENSE
AND PROGRAM TEST AUTHORITY
EAST CAROLINA RADIO, INC.
WOBX-FM RADIO STATION
CH 251C2 - 98.1 MHZ - 50.0 kW
MANTEO, NORTH CAROLINA
December 2014

TECHNICAL STATEMENT

This Technical Statement was prepared on behalf of East Carolina Radio, Inc. ("East Carolina"), licensee of radio station WOBX-FM, Channel 251C2, Manteo, North Carolina. East Carolina is filing this application for station license and program test authority to cover the outstanding construction permit (BPH-20140328ABQ). The detailed calculation of the transmitter power output for WOBX-FM is attached as Exhibit A. Exhibit B is an updated radio frequency radiation exposure study that demonstrates compliance with the Commission's guidelines for human exposure to radio frequency radiation.

The outstanding construction permit has three special operating conditions or restrictions. Condition #1 states:

"If the antenna is mounted on an existing tower that is not base-insulated or detuned at the AM frequency, the permittee shall submit a certification to this effect.

If the antenna is mounted on an existing tower that is base-insulated or detuned at the frequency of the AM Station(s) listed below, the applicant shall notify the AM station. If necessary, the AM station may determine operating power by a method described in Section 73.51(a)(1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for readjustment and continued maintenance of any detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both before and after the installation of the antenna and transmission line on the tower, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected. The results of the partial proofs shall be submitted to the Commission with the application for license to cover this permit.

WOBX(AM), Facility Id# 73367, Wanchese, NC."

East Carolina is aware of its responsibility in this matter. WOBX (AM) is currently operating under Special Temporary Authority (BESTA-20140917AAJ) and is expected to apply to relocate in the immediate future.

Condition #2 states:

"The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines."

Condition #3 states:

"Permittee has specified use of the antenna listed below to demonstrate compliance with the FCC radiofrequency electromagnetic field exposure guidelines. If any other type or size of antenna is to be used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. SECTION 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC Form 302-FM, application for license, BEFORE program tests will be authorized. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines."

Jampro Double V (EPA Type 2), six sectioned antenna"

East Carolina is utilizing a different type antenna; therefore, Exhibit B is a revised RF field showing to demonstrate continued compliance with the FCC's guidelines.

Based on the foregoing, it is believed that East Carolina Radio, Inc., is in compliance with the Commission's rules and requests Program Test Authority to operate WOBX-FM at 50.0 kilowatts, as authorized under BPH-20140328ABQ.