

TECHNICAL STATEMENT

This Technical Statement was prepared in support of an application filed by SSR Communications, Inc., licensee of station WYAB and holder of outstanding construction permit BPH-20070222ABD. This application simultaneously seeks full-power program test authority as well as a license to cover the outstanding construction permit. The WYAB facilities have been constructed as authorized in the construction permit.

Special Conditions

The construction permit listed seven special conditions or restrictions, all of which are satisfied as follows:

1. SSR Communications restates that it will, as necessary, reduce or suspend transmitter output power to protect workers at the site or on the tower from radiofrequency electromagnetic fields in excess of FCC guidelines.
2. SSR Communications acknowledges that the facility was authorized pursuant to §73.215 of the Commission's rules.
3. SSR Communications acknowledges that is modified to specify channel 280A at Flora, MS and that channel 226A at Benton, MS is deleted.
4. A directional antenna system proof-of-performance is attached to this application.
5. An affidavit from a licensed surveyor establishing that the directional antenna has been oriented at the proper azimuth is attached to this application.
6. An affidavit from a qualified engineer that the directional antenna was installed pursuant to the manufacturer's instructions is attached to this application.
7. The measured antenna system proof-of-performance taken in conjunction with the calculated transmitter output power ensures that the field strength of neither the horizontally nor vertically polarized radiation component exceed at any azimuth the value authorized by the construction permit. The transmitter output power calculation is included in this Transmission System Specifications section of this Technical Statement.

Transmission System Specifications

Transmitter Output Power:	2.61 kilowatts
Transmission Line:	Dielectric Communications FL-39
Description:	1-5/8 inch air dielectric
Length:	375 feet
Efficiency:	82.4 %
Antenna:	Shively Labs 6810-3-DA
Horizontal Gain:	2.793
Maximum Effective Radiated Power:	6.0 kilowatts