

APPLICATION FOR STATION LICENSE
BROADSOUTH COMMUNICATIONS, INC.

WDXX (FM) RADIO STATION
CH 261C2 - 100.1 MHZ - 41.0 KW

SELMA, ALABAMA

July 2012

EXHIBIT A

WDXX Transmission System Calculations

Effective Radiated Power:	41.0 kilowatts (horizontal/vertical)
Antenna:	Electronics Research Model SHPX-5AE 5 bay full wavelength spaced antenna
Horizontal gain	2.7154
Transmission Line: (550 feet)	Andrew Corporation HJ8-50B 3 1/8 inch air dielectric 83.8% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	18.0 kilowatts

Facilities Authorized:	Channel 261C2 - 100.1 MHZ
Effective Radiated Power:	41.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 32° 22' 54" West Longitude 86° 56' 37"
Antenna Center of Radiation:	Above Ground 161.0 meters Above MSL 199.0 meters HAAT 149.0 meters
Antenna Structure Registration #:	1274192