

MODIFY BLH-20070327ADZ
OUR THREE SONS BROADCASTING, LLP
WVSZ (FM) RADIO STATION
CH 297A - 107.3 MHZ - 4.5 KW
CHESTERFIELD, SOUTH CAROLINA
February 2008

EXHIBIT A

WVSZ Transmission System Calculations

Effective Radiated Power:	
Horizontal	4.5 kilowatts
Vertical	4.5 kilowatts
Antenna:	Electronics Research, Inc. LPX-5E 5 bay full wavelength spaced antenna
Horizontal gain	2.7154
Transmission Line:	Andrew HJ7-50A
(305 feet)	1 5/8 inch air dielectric 86.0% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	1.927 kilowatts

Facilities Authorized:	Channel 297A - 107.3 MHZ
Effective Radiated Power:	4.5 kilowatts (H/V)
Geographic Coordinates:	North Latitude 34° 43' 12" West Longitude 80° 05' 45"
Antenna Center of Radiation:	Above Ground 93.3 meters Above MSL 184.3 meters HAAT 100.0 meters
Antenna Structure Registration #:	1202689