

**APPLICATION FOR STATION LICENSE**  
**GLORY COMMUNICATIONS, INC.**  
**WLJI FM RADIO STATION**  
**CH 252C3 - 98.3 MHZ - 16.0 KW**  
**SUMMERTON, SOUTH CAROLINA**  
**November 2008**

**EXHIBIT A**

**WLJI FM Transmission System Calculations**

Effective Radiated Power:

Horizontal	16.0 kilowatt
Vertical	16.0 kilowatt

Antennas:

ERI MPX-3E  
3 bay full wavelength  
Gain 1.5588

Transmission Line:  
(324 feet)

Cablewave HCC300-50  
3" inch air dielectric  
91.0% efficiency

Required Transmitter Power Output  
To Reach Effective Radiated Power:

11.28 kilowatts

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Facilities Authorized:

Channel 252C3 - 98.3 MHz

Effective Radiated Power:

16.0 kilowatts (H/V)

Geographic Coordinates:

North Latitude 33° 42' 58"  
West Longitude 80° 20' 44"

Antenna Center of Radiation:

Above Ground	89.0 meters
Above MSL	142.0 meters
HAAT	100.0 meters

FCC Tower Registration Number:

1046900