

**MODIFICATION OF STATION LICENSE**  
**QANTUM OF FLORENCE LICENSE COMPANY, LLC**  
**WEGX (FM) RADIO STATION**  
**CH 225C - 92.9 MHZ - 100.0 KW**  
**DILLON, SOUTH CAROLINA**  
**September 2014**

**EXHIBIT A**

**WEGX Transmission System Calculations:**

Effective Radiated Power:	100.0 Kilowatts (Horizontal/Vertical)
Antenna:	Electronics Research, Inc. SHPX-10AC 10 bay full wavelength spaced
Power Gain:	5.68
Transmission Line: (1,645 feet)	Dielectric 3 1/8 " Air Dielectric Rigid Coax 70.3% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	25.04 Kilowatts (25,040 watts)