

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)