

APPLICATION FOR STATION LICENSE
ENTERCOM WILKES-BARRE SCRANTON, LLC
WKRZ FM RADIO STATION
CH 253B - 98.5 MHZ - 9.0 kW - ND
FREELAND, PENNSYLVANIA
March 2014

EXHIBIT A

WKRZ Transmission System Calculations:

Effective Radiated Power:	9.0 Kilowatts (H/V)
Antenna:	ERI LP-2C-HW 2 Bay half wavelength spaced
Power Gain:	702
System Losses	
Transmission Line: (435 feet)	Andrew HJ7-50A 1 5/8" air dielectric 0.892 dB loss - Total 0.205 dB loss / 100 ft
Transmitter Switch:	0.2 dB loss
Total Loss:	1.092 dB loss 77.768 % Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	16.48 Kilowatts (16,480 watts)

Channel:	253B - 98.5 MHZ
Effective Radiated Power:	9.0 Kilowatts (H/V)
Geographic Coordinates:	North Latitude 41° 11' 56" West Longitude 75° 49' 06"
Antenna Center of Radiation:	AGL 112.0 meters AMSL 755.0 meters HAAT 341.0 meters
Antenna Structure Registration Number:	1026125