

APPLICATION FOR STATION LICENSE
GLOBAL NEWS CONSULTANTS, LLC
KHRW RADIO STATION
CH 224C2 - 92.7 MHZ - 2.30 KW
RANCHESTER, WYOMING
February 2011

EXHIBIT A

KHRW Transmission System Calculations

Effective Radiated Power:	
Horizontal	2.30 kilowatts
Vertical	2.30 kilowatts
Antenna:	Electronics Research, Inc. LPX-3E-HW 3 bay half wavelength spaced
Horizontal gain	1.012
Transmission Line:	Andrew Corporation HJ7-50A
(72 feet)	1 5/8 inch air dielectric 96.8% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	2.347 kilowatts

Facilities Authorized:	Channel 224C2 - 92.7 MHZ
Effective Radiated Power:	2.3 kilowatts (H/V)
Geographic Coordinates:	North Latitude 44° 37' 20" West Longitude 107° 06' 57"
Antenna Center of Radiation:	Above Ground 18.0 meters Above MSL 2358.0 meters HAAT 346.0 meters
Antenna Structure Registration Number:	N/A