

APPLICATION FOR STATION LICENSE
RADIO POWER, INC.
W261AX FM TRANSLATOR
CH 261D -100.1 MHZ - 0.099 KW
PITTSBURGH, PENNSYLVANIA
July 2012

EXHIBIT A

W261AX Transmission System Calculations

Effective Radiated Power:	0.099 kilowatt
Antenna:	SWR FMEC-2DA Two bay circularly polarized directional antenna
Power Gain	0.672
Transmission Line: (425 feet)	Andrew Corporation LDF5-50A 7/8 inch foam dielectric 70.03% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.210 kilowatt (210 watts)

Facilities Authorized:	Channel 269D - 100.1 MHz
Effective Radiated Power:	0.099 kilowatt (Directional)
Geographic Coordinates:	North Latitude 40° 23' 49" West Longitude 79° 57' 33"
Antenna Center of Radiation:	Above Ground 110.0 meters Above MSL 452.0 meters
Antenna Structure Registration #:	1026283