

APPLICATION FOR STATION LICENSE
WRXK LICENSE LP
W268AH FM TRANSLATOR
CH 268D - 101.5 MHZ - 0.099 KW
BONITA SPRINGS, FLORIDA
November 2012 2012

EXHIBIT A

W268AH Transmission System Calculations

Effective Radiated Power: 0.099 kilowatt (horizontal/vertical)

Antenna: SWR Model FM1
One bay half wavelength antenna

Power Gain 0.442

Transmission Line: Andrew corporation LDF4-50A
(710 feet) 1/2 inch foam dielectric
32.4% Efficiency

Required Transmitter Power Output
To Reach Effective Radiated Power: 0.691 kilowatt (691 watts)

Facilities Authorized: Channel 268D - 101.5 MHz

Effective Radiated Power: 0.099 kilowatt (H/V)

Geographic Coordinates: North Latitude 26° 19' 00"
West Longitude 81° 47' 13"

Antenna Center of Radiation: Above Ground 205.0 meters
Above MSL 210.0 meters

Antenna Structure Registration #: 1027587