

APPLICATION FOR STATION LICENSE
DOUBLE O RADIO CORPORATION
WPFM-FM RADIO STATION
AUXILIARY ANTENNA SYSTEM
CH 300C1 - 107.9 MHZ - 1.3 KW
PANAMA CITY, FLORIDA
September 2005

EXHIBIT A

WPFM-FM Transmission System Calculations

Effective Radiated Power: Horizontal/Vertical	1.3 kilowatts
Antenna:	Bext/Itelco TFC-2K-3 3 bay full wavelength antenna
Horizontal Gain	1.55
Transmission Line: (125 feet)	Andrew Corp. LDF5-50A 7/8 inch foam dielectric 89.5% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.937 kilowatt
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Facilities Authorized:	Channel 300C1 - 107.9 MHz
Effective Radiated Power:	1.3 kilowatts (H/V)
Geographic Coordinates:	North Latitude 30° 09' 58" West Longitude 85° 45' 21"
Antenna Center of Radiation:	Above Ground 31.0 meters Above MSL 35.0 meters HAAT 35.0 meters
Antenna Structure Registration #:	1201331