

MODIFICATION OF STATION LICENSE
VERO BEACH FM RADIO PARTNERSHIP
WGNX (FM) RADIO STATION
CH 259C2 - 99.7 MHZ - 50.0 KW
VERO BEACH, FLORIDA
May 2004

EXHIBIT A

WGNX Transmission System Calculations

Effective Radiated Power:	
Horizontal	50.0 kilowatts
Vertical	50.0 kilowatts
Antenna:	Shively Labs 6810-5-SS
	5 bay half wavelength
Horizontal gain	1.62
Transmission Line:	Andrew HJ11-50
(475 feet)	4 inch air dielectric
	88.4% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	34.91 kilowatts
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Facilities Authorized:	Channel 259C2 - 99.7 MHz
Effective Radiated Power:	50.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 27° 44' 07"
	West Longitude 80° 27' 27"
Antenna Center of Radiation:	Above Ground 131.0 meters
	Above MSL 137.0 meters
	HAAT 134.0 meters
FCC Tower Registration Number:	1030532