

APPLICATION FOR STATION LICENSE
AMEND BLH-20031017ACG
WXTU LICENSE LIMITED PARTNERSHIP
WXTU (FM) RADIO STATION
CH 223B - 92.5 MHZ - 15.0 KW (DA)
PHILADELPHIA, PENNSYLVANIA
March 2006

EXHIBIT A

WXTU Transmission System Calculations

Effective Radiated Power:

Horizontal	15.0 kilowatts
Vertical	12.4 kilowatts

Antenna:

	Tenneplex/Kathrein Model 756 664
	2 bay full wavelength (3 radiators per bay)
Horizontal gain	1.875
Vertical gain	1.553

Transmission Line:
(1,025 feet)

Cablewave HCC-300-50J
3 inch air dielectric
74.4% Efficiency

Required Transmitter Power Output
To Reach Effective Radiated Power:

10.75 kilowatts

Facilities Authorized:

Channel 223B - 92.5 MHz

Effective Radiated Power:

15.0 kilowatts (H/V)

Geographic Coordinates:

North Latitude	40° 02' 19"
West Longitude	75° 14' 14"

Antenna Center of Radiation:

Above Ground	267.0 meters
Above MSL	343.0 meters
HAAT	279.0 meters

Antenna Structure Registration #:

1026755