

APPLICATION FOR STATION LICENSE
DOUBLE O CENTRAL NEW YORK CORPORATION
WTBD-FM RADIO STATION
CH 248A - 97.5 MHZ - 6.0 KW
DELHI, NEW YORK
April 2008

EXHIBIT A

WTBD-FM Transmission System Calculations

Effective Radiated Power:	
Horizontal	6.0 kilowatts
Vertical	6.0 kilowatts
Antenna:	Systems with Reliability (SWR) FM 3/3
	3 bay full wavelength spaced antenna
Horizontal gain	1.5
Transmission Line:	Andrew HJ7-50A
(225 feet)	1 5/8 inch air dielectric 90.0% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	4.444 kilowatts

Facilities Authorized:	Channel 248A - 97.5 MHZ
Effective Radiated Power:	6.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 42° 14' 09" West Longitude 74° 57' 12"
Antenna Center of Radiation:	Above Ground 57.0 meters Above MSL 677.0 meters HAAT 100.0 meters
Antenna Structure Registration #:	N/A