

**APPLICATION FOR STATION LICENSE**  
**DOUBLE O CENTRAL NEW YORK CORPORATION**  
**WBKT RADIO STATION**  
**CH 237A - 95.3 MHZ - 0.47 KW**  
**NORWICH, NEW YORK**  
**May 2005**

**EXHIBIT A**

**WBKT Transmission System Calculations**

Effective Radiated Power:

Horizontal	0.470 kilowatts
Vertical	0.470 kilowatts

Antenna:

Shively Labs  
6813-2  
2 bay half wavelength spaced  
0.7

Horizontal gain

Transmission Line:  
(317 feet)

Cablewave Systems HCC 158-50J  
1 5/8 inch air dielectric  
86.3% Efficiency

Required Transmitter Power Output  
To Reach Effective Radiated Power:

0.778 kilowatts

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Facilities Authorized:

Channel 237A - 95.3 MHz

Effective Radiated Power:

0.47 kilowatts (H/V)

Geographic Coordinates:

North Latitude	42° 26' 08"
West Longitude	75° 30' 47"

Antenna Center of Radiation:

Above Ground	95.0 meters
Above MSL	677.0 meters
HAAT	256.0 meters

Antenna Structure Registration #:

1004180