

EXHIBIT 7  
WNYN-LP CH39  
NEW YORK, N.Y. 9/22/03

**CALCULATION OF OCCUPATIONAL RADIATION EXPOSURE  
(CONTROLLED ENVIRONMENTS)**

$$P \text{ (mw/cm sq)} = 33.4 \times .1 \times .1 \times .5 \times 25 / 3.4 \times 3.4 = .36$$
$$\text{Maximum allowed} = 680 / 300 = 2.27$$

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**CALCULATION OF PUBLIC RADIATION EXPOSURE  
(UNCONTROLLED ENVIRONMENTS)**

$$P \text{ (mw/cm sq)} = 33.4 \times .1 \times .1 \times .5 \times 25 / 10.2 \times 10.2 = .04$$
$$\text{Maximum allowed} = 680 / 1500 = .45$$

## Ch 49+ MCI 240 Transmitter Information

Call Letters: Ch 49+ MCI 240  
City: New York, NY  
File Number: new  
Latitude: 40-44-50 N  
Longitude: 073-56-38 W  
ERP: 25.00 kW  
Channel: 49+  
Frequency: 683.0 MHz  
AMSL Height: 213.0 m  
HAAT: 213.0 m  
Elevation: 1.21 m  
Horiz. Antenna Pattern: Directional  
Vert. Elevation Pattern: Yes  
Electrical Beam Tilt: 0.0

Propagation Model: Longley/Rice  
Climate: Continental temperate  
Conductivity: 0.0050  
Dielectric Constant: 15.0  
Refractivity: 301.0  
Receiver Height AG: 10.0 m  
Receiver Gain: 0 dB  
Time Variability: 50.0%  
Situation Variability: 50.0%  
ITM Mode: Broadcast

