

APPLICATION FOR STATION LICENSE
CARTIER COMMUNICATIONS INC.
W274BI FM TRANSLATOR STATION
CH 274D - 102.7 MHz - 0.25 KW
MALONE, NEW YORK
November 2011

EXHIBIT A

W274BI Transmission System Calculations

Effective Radiated Power:	0.250 kilowatt
Antenna:	SWR FMEC/2 LPFM Broadcast Antenna
Antenna System Power Gain:	1.0
Transmission Line: (125 feet)	Andrew Corporation LDF4-50A 7/8 inch foam dielectric 89.8% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.278 kilowatt (278 watts)

Facilities Authorized:	Channel 274D - 102.7 MHz
Effective Radiated Power:	0.25 kilowatt
Geographic Coordinates:	North Latitude 44° 49' 39" West Longitude 74° 22' 44"
Antenna Center of Radiation:	Above Ground 34.0 meters Above MSL 366.0 meters
FCC Tower ASRN:	1009976