

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

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|---|---|
| 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) |

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|------------------------------|--|
| 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 |