

APPLICATION FOR AUXILIARY STATION LICENSE
CROSS COUNTRY COMMUNICATIONS, LLC
WLKW-FM RADIO STATION
CH 237A - 95.3 MHZ - 0.43 KW
CELORON, NEW YORK
December 2011

EXHIBIT A

WLKW-FM Auxiliary Transmission System Calculations

Effective Radiated Power:	0.43 kilowatt (H/V)
Antenna:	Systems With Reliability SWR FM1/1 1 bay
Power gain:	0.442
Transmission Line: (94 feet)	Andrew LDF5-50A 7/8 inch foam dielectric 92.5 % Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	1.052 kilowatts (1,052 watts)

Facilities Authorized:	Channel 237A - 95.3 MHz
Effective Radiated Power:	0.43 kilowatts (H/V)
Geographic Coordinates:	North Latitude 42° 05' 46" West Longitude 79° 14' 35"
Antenna Center of Radiation:	Above Ground 44.0 meters Above MSL 463.0 meters HAAT 7.0 meters
Antenna Structure Registration #:	N/A