

APPLICATION FOR STATION LICENSE
CUMULUS LICENSING LLC
WFAF (FM) RADIO STATION
CH 292A - 106.3 MHZ - 0.98 KW
MOUNT KISCO, NEW YORK
October 2006

EXHIBIT A

WFAF Transmission System Calculations

Effective Radiated Power:	
Horizontal/Vertical	0.98 kilowatts
Antenna:	Dielectric Communications DCRH-2E5P 2 bay 1/2 wavelength spaced antenna
Horizontal gain	0.65 ¹
Transmission Line:	Dielectric FL-39
(125 feet)	1 5/8 inch air dielectric 93.9% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	1.6056 kilowatts

Facilities Authorized:	Channel 292A - 106.3 MHz
Effective Radiated Power:	0.98 kilowatts (H/V)
Geographic Coordinates:	North Latitude 41° 11' 09" West Longitude 73° 40' 41"
Antenna Center of Radiation:	Above Ground 22.0 meters Above MSL 261.0 meters HAAT 135.0 meters
Antenna Structure Registration #:	N/A

1) See Exhibit B.