

APPLICATION FOR STATION LICENSE
CUMULUS LICENSING LLC
WFAS-FM RADIO STATION
CH 280A - 103.9 MHZ - 0.6 KW
BRONXVILLE, NEW YORK
June 2007

EXHIBIT A

WFAS-FM Transmission System Calculations

Effective Radiated Power:

Horizontal	0.6 kilowatts
Vertical	0.6 kilowatts

Antenna:	Shively Labs - Model 6813-1 1 bay full wavelength spaced
Horizontal gain	0.46

Transmission Line: (600 feet)	Cablewave HCC158-50 1 5/8 inch air dielectric 75.45% Efficiency
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Required Transmitter Power Output To Reach Effective Radiated Power:	1.729 kilowatts
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Facilities Authorized:	Channel 280A - 103.9 MHZ
Effective Radiated Power:	0.6 kilowatts (H/V)
Geographic Coordinates:	North Latitude 41° 01' 32" West Longitude 73° 49' 39"
Antenna Center of Radiation:	Above Ground 134.0 meters Above MSL 265.0 meters HAAT 203.0 meters
Antenna Structure Registration #:	1045228