

MODIFY BLH-5679
CUMULUS LICENSING LLC
WNUQ (FM) RADIO STATION
CH 269A - 101.7 MHZ - 6.0 KW
ALBANY, GEORGIA
September 2006

EXHIBIT A

WNUQ Transmission System Calculations

Effective Radiated Power: Horizontal/Vertical	6.0 kilowatts
Antenna: Horizontal gain	Harris/Electronics Research, Inc. FML-2E 2 bay full wavelength antenna 0.9971
Transmission Line: (310 feet)	Andrew Corp. HJ7-50B 1 5/8 inch air dielectric 86.1% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	6.988 kilowatts

Facilities Authorized:	Channel 269A - 101.7 MHz
Effective Radiated Power:	6.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 31° 37' 15" West Longitude 84° 09' 11"
Antenna Center of Radiation:	Above Ground 99.0 meters Above MSL 158.0 meters HAAT 91.0 meters
Antenna Structure Registration #:	1020291