

MODIFY BLH-19860515KB
ARTISTIC MEDIA PARTNERS, INC.
WBWB FM RADIO STATION
CH 244A - 96.7 MHZ - 1.65 KW
BLOOMINGTON, INDIANA
November 2012

EXHIBIT A

WBWB Transmission System Calculations

Effective Radiated Power:	1.65 kilowatts (H/V)
Antenna:	RCA BFH-2 2 bay half wavelength antenna
Power gain:	0.70 (Horizontal & Vertical)
Transmission Line: (295 feet)	Andrew HJ7-50A 1 5/8 inch air dielectric 87.1% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	2.7 kilowatts

Corrected Facility:	Channel 244A - 96.7 MHz
Effective Radiated Power:	1.65 kilowatts (H/V)
Geographic Coordinates: ¹	North Latitude 39° 09' 45" West Longitude 86° 28' 22"
Antenna Center of Radiation:	Above Ground 84.0 meters Above MSL 348.0 meters HAAT 134.0 meters
Antenna Structure Registration:	1029809

1) Corrected coordinates