

MODIFY BLH-19971024KA
WKML LICENSE LIMITED PARTNERSHIP
WKML (FM) RADIO STATION
CH 239C0 - 95.7 MHZ - 100.0 KW (DA)
LUMBERTON, NORTH CAROLINA
April 2012

EXHIBIT A

WKML Transmission System Calculations

Effective Radiated Power:	100.0 kilowatt (horizontal/vertical)
Antenna:	Electronics Research, Inc. SHP-8AC6-DA-SP 8 bay custom spaced antenna
Horizontal gain	5.535 horizontal
Transmission Line: (16.0 feet)	Andrew Corporation MACX 675 6 inch air dielectric - rigid 99.8% Efficiency
Transmission Line: (984.0 feet)	Andrew Corporation HJ11-50 4 inch air dielectric - flex 77.9% Efficiency
Transmission Line: (56.0 feet)	Shively Labs 4 1/6 line 4 1/6 inch air dielectric - rigid 99.063% Efficiency
Branch Combiner:	Shivley Labs - Branch Combiner Insertion loss : 0.2637 dB 94.109% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	24.9 kilowatts

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EXHIBIT A (continued)

Facilities Authorized:	Channel 239C0 - 95.7 MHZ
Effective Radiated Power:	100.0 kilowatts (H/V)
Geographic Coordinates:	North Latitude 34° 46' 50" West Longitude 79° 02' 45"
Antenna Center of Radiation:	Above Ground 312.0 meters Above MSL 368.0 meters HAAT 318.0 meters
Antenna Structure Registration #:	1006418