

APPLICATION FOR STATION LICENSE
MEDIACOM, INC.
W293AK FM TRANSLATOR STATION
CH 293D - 106.5 MHZ - 0.045 KW
RIPLEY, WEST VIRGINIA
May 2010

EXHIBIT A

W293AK Transmission System Calculations

Effective Radiated Power:	0.045 kilowatt (vertical)
Antenna:	Scala FMV-2 2 element vertical dipole antenna
Antenna System Power Gain	2.24 (3.5 dBd)
Transmission Line: (125 feet)	Andrew Corporation LDF4-50A 1/2 inch foam dielectric 81.6% Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.0246 kilowatt (24.6 watts)

Facilities Authorized:	Channel 293D - 106.5 MHz
Effective Radiated Power:	0.045 kilowatt (V)
Geographic Coordinates:	North Latitude 38° 53' 35" West Longitude 81° 46' 51"
Antenna Center of Radiation:	Above Ground 27.0 meters Above MSL 304.0 meters
Antenna Structure Registration #:	N/A