

APPLICATION FOR STATION LICENSE
SPICEMAN RADIO, LLC
W294AF FM TRANSLATOR
CH 294D - 106.7 MHZ - 0.25 KW
RIPLEY, WEST VIRGINIA
September 2014

EXHIBIT A

W294AF Transmission System Calculations

Effective Radiated Power:	0.25 Kilowatt (Horizontal/Vertical)
Antenna:	Shively 6812-B / 2 Bay
Power Gain	0.99
Transmission Line: (175 feet)	Andrew LDF4-50A 1/2 inch foam dielectric 75.2 % Efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.336 Kilowatt (336 watts)

Facilities Authorized:	Channel 294D - 106.7 MHz
Effective Radiated Power:	0.25 Kilowatt (Horizontal/Vertical)
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 #:	1237405