

PROPOSED OPERATING PARAMETERS

PROPOSED K18EG  
CHANNEL 22 – EUREKA SPRINGS, ARKANSAS

Transmitter Power Output:	0.93 kw
Transmission Line Efficiency:	77.2%
Antenna Power Gain – Toward Horizon:	13.94
Antenna Power Gain – Main Lobe:	13.94
Effective Radiated Power – Toward Horizon:	10.0 kw
Effective Radiated Power – Main Lobe:	10.0 kw
Transmitter Make and Model:	Type-accepted
Rated Output	1.0 kw
Transmission Line Make and Model:	Andrew HJ7-50A
Size and Type:	1-5/8" air heliax
Length:	230 feet
Antenna Make and Model:	RFT LP-1900-B-8
Orientation	Omnidirectional
Beam Tilt	1.0 degrees
Radiation Center Above Ground:	64 meters
Radiation Center Above Mean Sea Level:	564 meters