

PROPOSED OPERATING PARAMETERS
LOW POWER TELEVISION STATION KUVR-CA
CHANNEL 46 - RENO, NEVADA

Transmitter Power Output:	5.0 kw
Transmission Line Efficiency:	72.6%
Antenna Power Gain – Toward Horizon:	3.00
Antenna Power Gain – Main Lobe:	25.88
Effective Radiated Power – Toward Horizon:	10.9 kw
Effective Radiated Power – Main Lobe:	93.9 kw
Transmitter Make and Model:	Type-accepted
Rated Ouput	5.0 kw
Transmission Line Make and Model:	Andrew HJ12-50
Size and Type:	2-1/4" air heliax
Length:	297 feet
Antenna Make and Model:	Andrew ALP16L2-HSW
Orientation	105 degrees true
Beam Tilt	2.5 degrees
Effective Height Above Ground:	23 meters
Effective Height Above Mean Sea Level:	2963 meters