

PROPOSED OPERATING PARAMETERS

PROPOSED KTNC-DT
CHANNEL 63 - CONCORD, CALIFORNIA
[MODIFICATION OF BPCDT-19991019ABG]

Transmitter Power Output:	10.0 kw
Transmission Line Efficiency:	84.0%
Antenna Power Gain – Toward Horizon:	28.2
Antenna Power Gain – Main Lobe:	28.2
Effective Radiated Power – Toward Horizon:	237 kw
Effective Radiated Power – Main Lobe:	237 kw
Transmitter Make and Model:	Type-accepted
Rated Output	10.0 kw
Transmission Line Make and Model:	Andrew MACXLine
Size and Type:	3" rigid
Length:	280 feet
Antenna Make and Model:	Andrew ALP16M4-HSOC-63
Orientation	Omnidirectional
Beam Tilt	1.0 degrees
Effective Height Above Ground:	75 meters
Effective Height Above Mean Sea Level:	1,166 meters