

PROPOSED OPERATING PARAMETERS

PROPOSED KPXJ-DT  
CHANNEL 21 – MINDEN, LOUISIANA

Transmitter Power Output:	37.0 kw
Transmission Line Efficiency:	67.6%
Antenna Power Gain – Main Lobe:	40.0
Effective Radiated Power – Main Lobe:	1,000 kw
Transmitter Make and Model:	Type-accepted
Rated Output	40 kw
Transmission Line Make and Model:	Andrew MACX675B
Size and Type:	6-1/8" rigid line
Length:	1,650 feet
Antenna Make and Model:	Andrew ATW20HS3-HSC3-21H
Orientation	135°T
Beam Tilt	0.75 degrees
Effective Height Above Ground:	488 meters
Effective Height Above Mean Sea Level:	564 meters