

PROPOSED OPERATING PARAMETERS

PROPOSED WSLF-LP
CHANNEL 44 – PORT ST. LUCIE, FLORIDA

Transmitter Power Output:	2.8 kw
Transmission Line Efficiency:	70.4%
Antenna Power Gain – Toward Horizon:	76.1
Antenna Power Gain – Main Lobe:	76.1
Effective Radiated Power – Toward Horizon:	150 kw
Effective Radiated Power – Main Lobe:	150 kw
Transmitter Make and Model:	Type-accepted
Rated Output	3.0 kw
Transmission Line Make and Model:	Andrew HJ8-50B
Size and Type:	3" air heliax
Length:	355 feet
Antenna Make and Model:	SWR SWDDP12-12-0-0/44
Orientation	45° T
Beam Tilt	0.5 degrees
Effective Height Above Ground:	100 meters
Effective Height Above Mean Sea Level:	110 meters