

PROPOSED OPERATING PARAMETERS

PROPOSED WARP-CA  
CHANNEL 20 – TAMPA, FLORIDA

Transmitter Power Output:	3.7 kw
Transmission Line Efficiency:	58.5%
Antenna Power Gain – Toward Horizon:	69.33
Antenna Power Gain – Main Lobe:	69.33
Effective Radiated Power – Toward Horizon:	150 kw
Effective Radiated Power – Main Lobe:	150 kw
Transmitter Make and Model:	Type-accepted
Rated Output	4.0 kw
Transmission Line Make and Model:	Andrew HJ7-50A
Size and Type:	1-5/8" air heliax
Length:	480 feet*
Antenna Make and Model:	Andrew ALP24L3-HSBR
Orientation	345°T
Beam Tilt	0.75 degrees
Effective Height Above Ground:	140 meters
Effective Height Above Mean Sea Level:	142 meters

\*Assumed