

PROPOSED OPERATING PARAMETERS

PROPOSED CLASS A STATION WIRE-CA
CHANNEL 40 – ATLANTA, GEORGIA

Transmitter Power Output:	5.4 kw
Transmission Line Efficiency:	51.5%
Antenna Power Gain – Toward Horizon:	54.3
Antenna Power Gain – Main Lobe:	54.3
Effective Radiated Power – Toward Horizon:	150.0 kw
Effective Radiated Power – Main Lobe:	150.0 kw
Transmitter Make and Model:	Type-accepted
Rated Output	10 kw
Transmission Line Make and Model:	Andrew HJ11-50
Size and Type:	4" air heliax
Length:	875 feet
Antenna Make and Model:	Andrew ALP3203-HSOC
Orientation	Omnidirectional
Beam Tilt	0.5 degrees
Effective Height Above Ground:	259.0 meters
Effective Height Above Mean Sea Level:	523.3 meters