

PROPOSED OPERATING PARAMETERS

PROPOSED W31AZ-D
CHANNEL 31 – HENDERSONVILLE, NORTH CAROLINA
[AMENDMENT TO BDFCDTL-20060403AQZ]

Transmitter Power Output:	0.35 kw
Transmission Line Efficiency:	80.2%
Antenna Power Gain – Toward Horizon:	14.06
Antenna Power Gain – Main Lobe:	14.06
Effective Radiated Power – Toward Horizon:	4.0 kw
Effective Radiated Power – Main Lobe:	4.0 kw
Transmitter Make and Model:	Type-accepted
Rated Output	0.5 kw
Transmission Line Make and Model:	Andrew LDF7-50A
Size and Type:	1-5/8" foam heliax
Length:	98 feet
Antenna Make and Model:	Andrew AL8
Orientation	0 degrees true
Beam Tilt	1.75 degrees
Radiation Center Above Ground:	28 meters
Radiation Center Above Mean Sea Level:	918 meters