

PROPOSED OPERATING PARAMETERS

PROPOSED W25AA
CHANNEL 25 - ONANCOCK, VIRGINIA

Transmitter Power Output:	1.0 kw
Transmission Line Efficiency:*	62.2%
Antenna Power Gain – Toward Horizon:	50.2
Antenna Power Gain – Main Lobe:	50.2
Effective Radiated Power – Toward Horizon:	31.2 kw
Effective Radiated Power – Main Lobe:	31.2 kw
Transmitter Make and Model:	Type-accepted
Rated Output	1.0 kw
Transmission Line Make and Model:	Standard
Size and Type:	3-1/2" air heliax
Length:	460 feet
Antenna Make and Model:	MCI 955418
Orientation	35°T
Beam Tilt	0.5 degrees
Radiation Center Above Ground:	137.7 meters
Radiation Center Above Mean Sea Level:	151.7 meters

*Includes 0.5 dB combiner loss