

PROPOSED OPERATING PARAMETERS

PROPOSED WNAB-DT
CHANNEL 23 - NASHVILLE, TENNESSEE
[MODIFICATION OF BPCDT-19991014ABF]

ERP	350 kw
Site Elevation AMSL	243.2 meters
Overall Structure Height AGL	381.4 meters
Radiation Center Height AGL	307 meters
Radiation Center Height AMSL	550 meters
Radiation Center Height AAT	367 meters
Antenna Structure Registration Number	1224078
Antenna Type	Directional
Geographic Coordinates	36-15-50 N 86-47-39 W

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Transmitter power output	9.54 kw
Transmission line loss	2.69 kw
Input to antenna	6.85 kw
Antenna gain (maximum)	51.10
Effective radiated power (maximum)	350 kw

Transmitter make and model:	Type-accepted
Rated Power:	10 kw

Transmission line	
Make and model:	Dielectric 6-1/8" Rigid coaxial
Length:	1200 feet
Attenuation:	0.12 db/100 feet

Antenna	
Make and model:	Harris TWSC-28C/SM
Type:	Directional @ 223° T
RCAGL	1007 feet
Beam Tilt	1.0°