



## SYSTEM SUMMARY

### Antenna:

Type:	DCR-M4C	ERP:	100.0 kW	H Pol ( 20.00 dBk )
Channel:	207	RMS Gain*:	4.4	( 6.43 dB )
Location:	Huntsville, AL	Input Power:	22.73 kW	( 13.57 dBk )

### Transmission Line:

Type:	EIA Style Rigid TL	Attenuation:	0.28 dB
Size:	3-1/8" 50 ohm	Efficiency:	93.8%
Length	305 ft	93 m	

### Transmitter:

Average Power Required: 24.23 kW ( 13.84 dBk )

\* Gain is per polarization with respect to half wave dipole.