

DIRECTIONAL ANTENNA DATA
WPTO-DT
TABLE #1

<u>Actual Bearing</u>	<u>Pattern Azimuth</u>	<u>Relative Field</u>	<u>ERP (dBk)</u>	<u>CONTOURS(km)</u>	
				<u>41 dBu</u>	<u>48 dBu</u>
N000E	0	1.000	26.02	82.9 km	73.0 km
	10	0.977	25.82		
	20	0.917	25.27		
	30	0.842	24.53		
	40	0.766	23.71		
N045E	45	0.768	23.73	84.5 km	73.9 km
	50	0.768	23.73		
	60	0.779	23.85		
	70	0.828	24.38		
	80	0.885	24.96		
N090E	90	0.911	25.21	88.3 km	76.7 km
	100	0.880	24.91		
	110	0.788	23.95		
	120	0.673	22.58		
	130	0.560	20.98		
N135E	135	0.510	20.17	77.4 km	68.6 km
	140	0.467	19.41		
	150	0.430	18.69		
	160	0.452	19.12		
	170	0.495	19.91		
N180E	180	0.521	20.36	75.6 km	67.4 km
	190	0.511	20.19		
	200	0.477	19.59		
	210	0.446	19.01		
	220	0.468	19.43		
N225E	225	0.507	20.12	74.3 km	66.5 km
	230	0.560	20.98		
	240	0.688	22.77		
	250	0.810	24.19		
	260	0.891	25.02		
N270E	270	0.918	25.28	82.6 km	72.8 km
	280	0.885	24.96		
	290	0.834	24.44		
	300	0.793	24.01		
	310	0.777	23.83		
N315E	315	0.791	23.98	78.8 km	70.2 km
	320	0.816	24.25		
	330	0.885	24.96		
	340	0.949	25.57		
	350	0.779	23.85		

Maximum: N000E 26.02 dBk

Minimum: N150E 18.69 dBk

POWER(kw)
400