

DIRECTIONAL ANTENNA DATA
WYIN-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	0.780	22.61	81.3 km	71.5 km
	10	0.688	21.52		
	20	0.593	20.23		
	30	0.502	18.79		
	40	0.418	17.19		
N045E	45	0.382	16.41	72.3 km	64.1 km
	50	0.346	15.55		
	60	0.278	13.65		
	70	0.217	11.50		
	80	0.164	9.07		
N090E	90	0.129	6.98	60.9 km	52.3 km
	100	0.126	6.78		
	110	0.150	8.29		
	120	0.182	9.97		
	130	0.206	11.05		
N135E	135	0.211	11.26	66.7 km	58.4 km
	140	0.216	11.46		
	150	0.210	11.22		
	160	0.192	10.44		
	170	0.168	9.28		
N180E	180	0.149	8.23	63.3 km	54.8 km
	190	0.151	8.35		
	200	0.178	9.78		
	210	0.224	11.78		
	220	0.282	13.78		
N225E	225	0.316	14.76	70.3 km	62.2 km
	230	0.349	15.63		
	240	0.424	17.32		
	250	0.507	18.87		
	260	0.601	20.35		
N270E	270	0.694	21.60	78.6 km	69.7 km
	280	0.789	22.71		
	290	0.872	23.58		
	300	0.945	24.28		
	310	0.987	24.66		
N315E	315	0.993	24.71	84.5 km	73.9 km
	320	1.000	24.77		
	330	0.985	24.64		
	340	0.936	24.20		
	350	0.864	23.50		

Maximum: N320E 24.77 dBk

Minimum: N096E 06.57 dBk