

**DIRECTIONAL ANTENNA DATA
WXXI-DT AS CONSTRUCTED
TABLE #1**

<u>Actual Bearing</u>	<u>Pattern Azimuth</u>	<u>Relative Field</u>	<u>ERP As Constructed (dBk)</u>	<u>ERP As Authorized (dBk)</u>	<u>CONTOURS(km)</u>	
					<u>41 dBu</u>	<u>48 dBu</u>
N000E	0	0.197	8.44	9.78	55.9 km	47.8 km
	10	0.184	7.85	9.33		
	20	0.226	9.63	10.32		
	30	0.257	10.75	10.79		
	40	0.227	9.67	10.32		
N045E	45	0.202	8.66	9.82	55.9 km	47.9 km
	50	0.183	7.80	9.33		
	60	0.194	8.31	9.78		
	70	0.278	11.43	12.61		
	80	0.393	14.44	15.82		
N090E	90	0.502	16.57	18.40	62.4 km	54.9 km
	100	0.599	18.10	20.31		
	110	0.688	19.30	21.64		
	120	0.778	20.37	22.47		
	130	0.873	21.37	22.90		
N135E	135	0.916	21.79	22.98	65.8 km	58.8 km
	140	0.951	22.12	23.01		
	150	0.993	22.49	22.91		
	160	0.998	22.54	22.68		
	170	0.976	22.34	22.44		
N180E	180	0.944	22.05	22.26	62.7 km	55.6 km
	190	0.918	21.81	22.14		
	200	0.901	21.65	22.10		
	210	0.895	21.59	22.09		
	220	0.908	21.71	22.10		
N225E	225	0.914	21.77	22.11	65.0 km	58.0 km
	230	0.921	21.84	22.14		
	240	0.942	22.03	22.26		
	250	0.974	22.32	22.44		
	260	0.995	22.51	22.68		
N270E	270	0.985	22.42	22.91	65.5 km	58.4 km
	280	0.940	22.02	23.01		
	290	0.865	21.29	22.90		
	300	0.775	20.34	22.47		
	310	0.684	19.25	21.64		
N315E	315	0.639	18.66	21.04	64.4 km	57.1 km
	320	0.593	18.01	20.31		
	330	0.497	16.48	18.40		
	340	0.392	14.42	15.82		
	350	0.280	11.50	12.61		

Maximum: N157E 22.55 dBk

Minimum: N054E 07.56 dBk