

## ELEVATION PATTERN

Proposal No.

Date

Call Letters

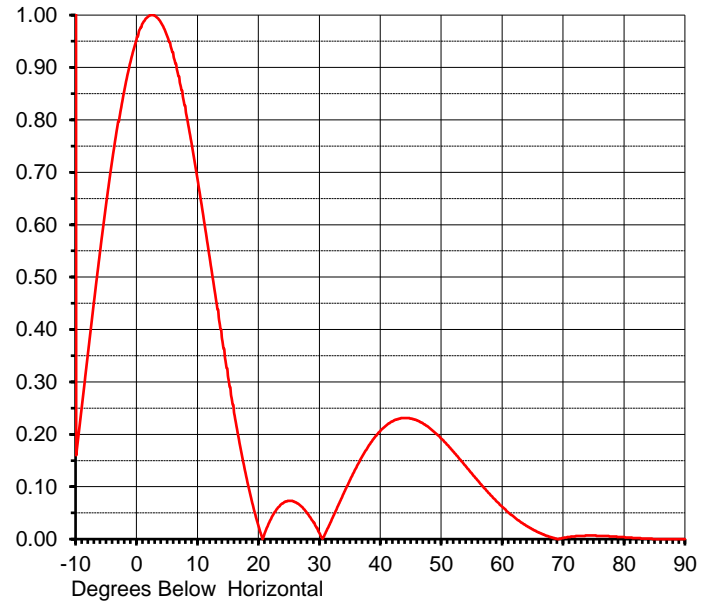
Channel **7**

Frequency **177 MHz**

Antenna Type **TLS-V4-BB-R**

RMS Directivity at Main Lobe **4.02 ( 6.04 dB )**  
 RMS Directivity at Horizontal **3.7 ( 5.68 dB )**  
**Calculated**

Beam Tilt **2.45 deg**  
 Pattern Number **04T040245**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.160	10.0	0.681	30.0	0.010	50.0	0.191	70.0	0.002
-9.0	0.260	11.0	0.606	31.0	0.014	51.0	0.179	71.0	0.004
-8.0	0.361	12.0	0.530	32.0	0.039	52.0	0.166	72.0	0.006
-7.0	0.460	13.0	0.453	33.0	0.064	53.0	0.152	73.0	0.006
-6.0	0.556	14.0	0.378	34.0	0.090	54.0	0.138	74.0	0.007
-5.0	0.647	15.0	0.305	35.0	0.114	55.0	0.124	75.0	0.007
-4.0	0.730	16.0	0.236	36.0	0.137	56.0	0.111	76.0	0.006
-3.0	0.797	17.0	0.172	37.0	0.159	57.0	0.097	77.0	0.006
-2.0	0.862	18.0	0.115	38.0	0.178	58.0	0.084	78.0	0.005
-1.0	0.915	19.0	0.065	39.0	0.194	59.0	0.072	79.0	0.004
0.0	0.959	20.0	0.022	40.0	0.208	60.0	0.061	80.0	0.004
1.0	0.986	21.0	0.013	41.0	0.218	61.0	0.050	81.0	0.003
2.0	0.999	22.0	0.039	42.0	0.225	62.0	0.041	82.0	0.002
3.0	0.998	23.0	0.058	43.0	0.230	63.0	0.032	83.0	0.001
4.0	0.984	24.0	0.069	44.0	0.231	64.0	0.025	84.0	0.001
5.0	0.958	25.0	0.073	45.0	0.230	65.0	0.018	85.0	0.000
6.0	0.920	26.0	0.070	46.0	0.226	66.0	0.012	86.0	0.000
7.0	0.872	27.0	0.062	47.0	0.220	67.0	0.007	87.0	0.000
8.0	0.815	28.0	0.048	48.0	0.212	68.0	0.003	88.0	0.000
9.0	0.751	29.0	0.031	49.0	0.202	69.0	0.000	89.0	0.000
								90.0	0.000

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