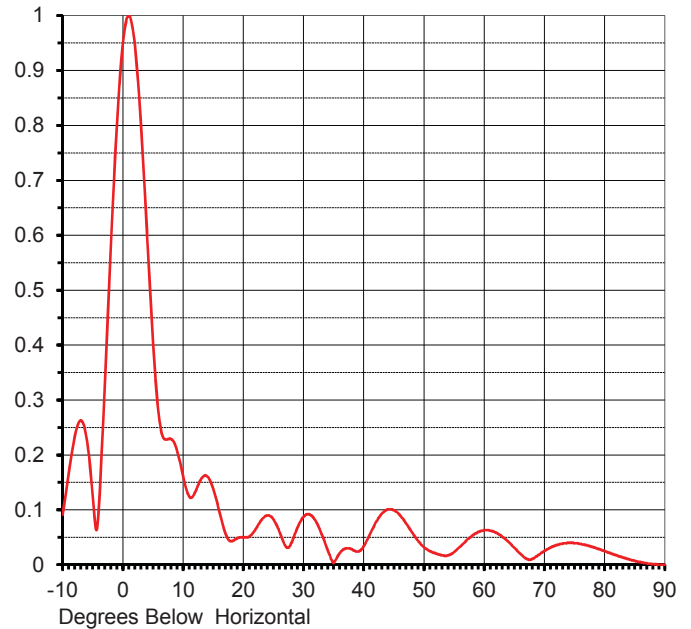
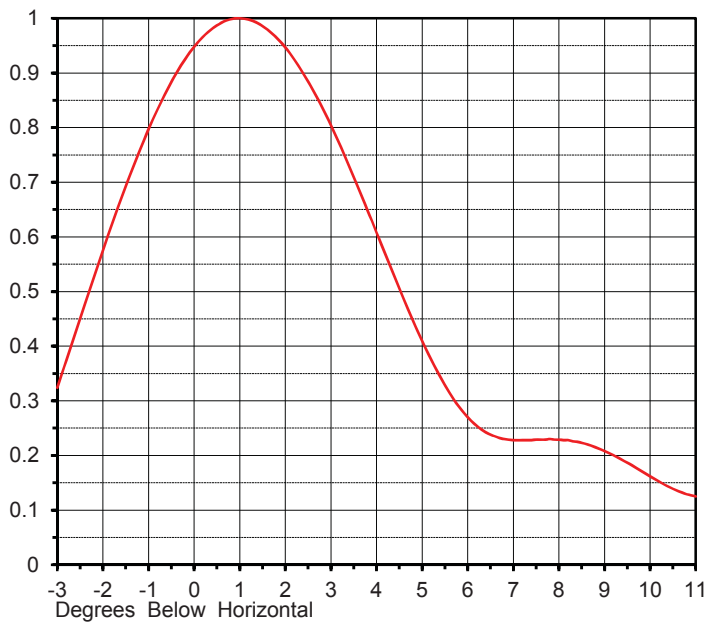


## ELEVATION PATTERN

Proposal No. **C-70289-1**  
 Date **15-Mar-17**  
 Call Letters **WOLO 7**  
 Frequency **177 MHz**  
 Antenna Type **THV-11A7/VP-R C137**

RMS Directivity at Main Lobe **10.80 ( 10.33 dB )**  
 RMS Directivity at Horizontal **9.70 ( 9.87 dB )**  
 Calculated

Beam Tilt **1.00 deg**  
 Drawing Number **11V1080100**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.091	10.0	0.162	30.0	0.087	50.0	0.032	70.0	0.025
-9.0	0.165	11.0	0.125	31.0	0.092	51.0	0.025	71.0	0.031
-8.0	0.232	12.0	0.132	32.0	0.080	52.0	0.020	72.0	0.036
-7.0	0.263	13.0	0.156	33.0	0.056	53.0	0.017	73.0	0.038
-6.0	0.230	14.0	0.161	34.0	0.027	54.0	0.017	74.0	0.040
-5.0	0.125	15.0	0.139	35.0	0.003	55.0	0.023	75.0	0.039
-4.0	0.101	16.0	0.098	36.0	0.021	56.0	0.033	76.0	0.038
-3.0	0.324	17.0	0.058	37.0	0.030	57.0	0.044	77.0	0.035
-2.0	0.575	18.0	0.043	38.0	0.028	58.0	0.053	78.0	0.032
-1.0	0.797	19.0	0.048	39.0	0.024	59.0	0.060	79.0	0.029
0.0	0.948	20.0	0.050	40.0	0.034	60.0	0.063	80.0	0.025
1.0	1.000	21.0	0.051	41.0	0.055	61.0	0.062	81.0	0.021
2.0	0.947	22.0	0.064	42.0	0.077	62.0	0.058	82.0	0.017
3.0	0.804	23.0	0.081	43.0	0.093	63.0	0.051	83.0	0.013
4.0	0.608	24.0	0.090	44.0	0.101	64.0	0.042	84.0	0.010
5.0	0.410	25.0	0.083	45.0	0.099	65.0	0.031	85.0	0.007
6.0	0.270	26.0	0.060	46.0	0.090	66.0	0.020	86.0	0.005
7.0	0.228	27.0	0.034	47.0	0.076	67.0	0.011	87.0	0.003
8.0	0.229	28.0	0.040	48.0	0.059	68.0	0.011	88.0	0.001
9.0	0.208	29.0	0.068	49.0	0.044	69.0	0.018	89.0	0.000
								90.0	0.000

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