





## ELEVATION PATTERN

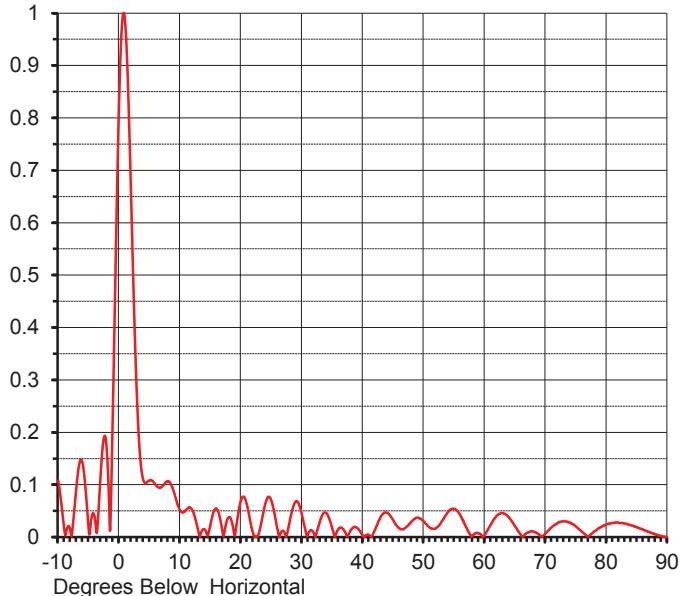
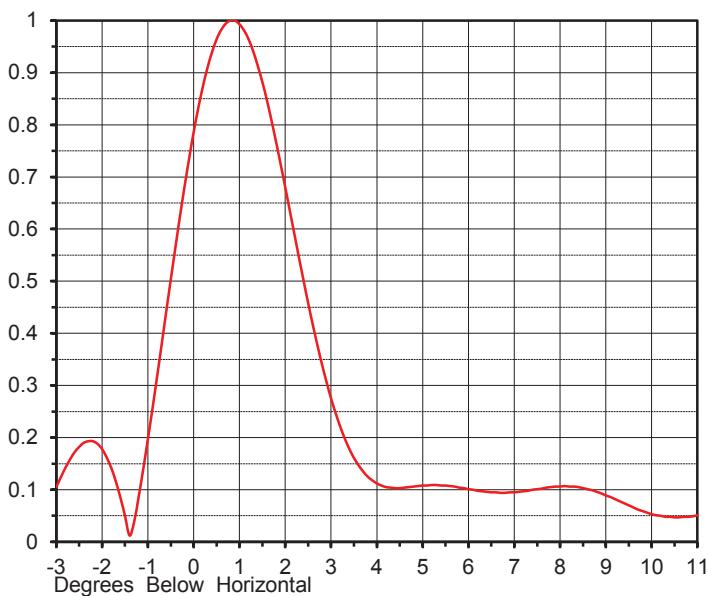
Proposal No. **C-70005-1**  
 Date **9-Mar-17**  
 Call Letters **WPDE**  
 Channel **27**  
 Frequency **551 MHz**  
 Antenna Type **TFU-30GTH/VP-R 04SP**

RMS Directivity at Main Lobe  
 RMS Directivity at Horizontal

**27.0 ( 14.31 dB )**  
**16.7 ( 12.23 dB )**

Calculated

Beam Tilt **0.75 deg**  
 Drawing Number **30G270075**



Angle	Field								
-10.0	0.108	10.0	0.051	30.0	0.043	50.0	0.030	70.0	0.007
-9.0	0.015	11.0	0.052	31.0	0.005	51.0	0.018	71.0	0.019
-8.0	0.012	12.0	0.052	32.0	0.006	52.0	0.017	72.0	0.027
-7.0	0.096	13.0	0.011	33.0	0.032	53.0	0.031	73.0	0.030
-6.0	0.141	14.0	0.015	34.0	0.046	54.0	0.048	74.0	0.027
-5.0	0.017	15.0	0.024	35.0	0.016	55.0	0.054	75.0	0.020
-4.0	0.037	16.0	0.054	36.0	0.015	56.0	0.042	76.0	0.010
-3.0	0.124	17.0	0.008	37.0	0.011	57.0	0.018	77.0	0.001
-2.0	0.162	18.0	0.038	38.0	0.013	58.0	0.003	78.0	0.011
-1.0	0.255	19.0	0.003	39.0	0.018	59.0	0.007	79.0	0.019
0.0	0.832	20.0	0.070	40.0	0.003	60.0	0.004	80.0	0.024
1.0	0.981	21.0	0.061	41.0	0.004	61.0	0.024	81.0	0.027
2.0	0.635	22.0	0.007	42.0	0.014	62.0	0.041	82.0	0.027
3.0	0.247	23.0	0.010	43.0	0.040	63.0	0.046	83.0	0.026
4.0	0.108	24.0	0.064	44.0	0.046	64.0	0.037	84.0	0.023
5.0	0.108	25.0	0.069	45.0	0.032	65.0	0.020	85.0	0.019
6.0	0.100	26.0	0.015	46.0	0.017	66.0	0.003	86.0	0.014
7.0	0.096	27.0	0.011	47.0	0.018	67.0	0.008	87.0	0.010
8.0	0.107	28.0	0.030	48.0	0.030	68.0	0.010	88.0	0.005
9.0	0.086	29.0	0.068	49.0	0.037	69.0	0.004	89.0	0.002
									90.0 0.000

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