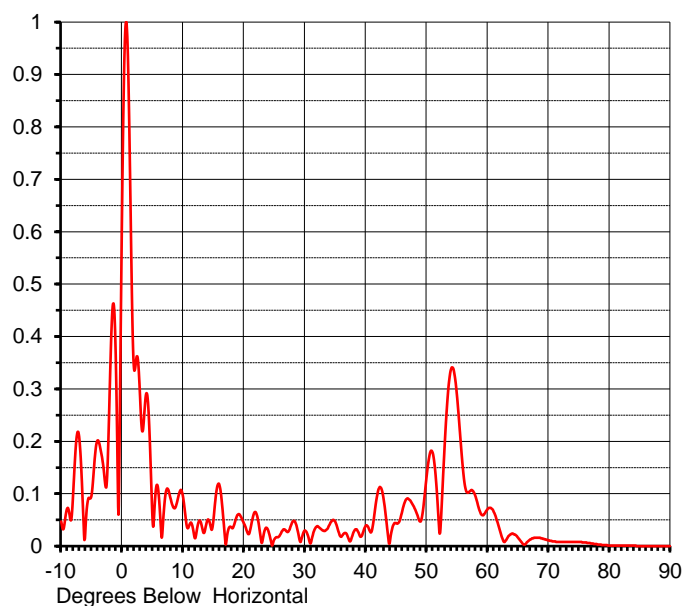
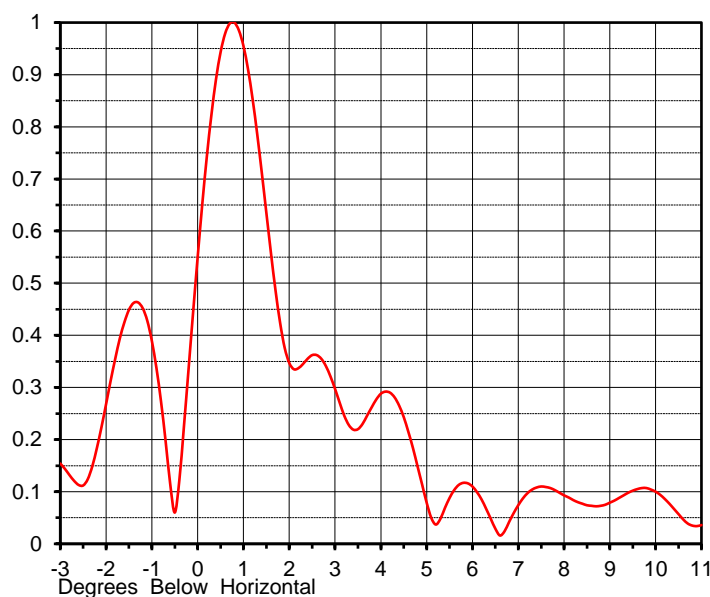


## ELEVATION PATTERN

Proposal No. **C-70873**  
 Date **13-Jun-17**  
 Call Letters **WNED**  
 Channel **31**  
 Frequency **575 MHz**  
 Antenna Type **TUC-O5-16/80H-1**

RMS Directivity at Main Lobe **27.6 ( 14.40 dB )**  
 RMS Directivity at Horizontal **11.7 ( 10.68 dB )**  
**Calculated**

Beam Tilt **0.60 deg**  
 Pattern Number **16U256060**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.047	10.0	0.094	30.0	0.030	50.0	0.136	70.0	0.011
-9.0	0.072	11.0	0.039	31.0	0.007	51.0	0.177	71.0	0.009
-8.0	0.108	12.0	0.015	32.0	0.038	52.0	0.039	72.0	0.008
-7.0	0.203	13.0	0.042	33.0	0.030	53.0	0.206	73.0	0.008
-6.0	0.037	14.0	0.049	34.0	0.040	54.0	0.338	74.0	0.008
-5.0	0.098	15.0	0.051	35.0	0.046	55.0	0.282	75.0	0.008
-4.0	0.202	16.0	0.115	36.0	0.018	56.0	0.140	76.0	0.007
-3.0	0.144	17.0	0.003	37.0	0.019	57.0	0.104	77.0	0.005
-2.0	0.313	18.0	0.035	38.0	0.027	58.0	0.095	78.0	0.003
-1.0	0.337	19.0	0.060	39.0	0.020	59.0	0.060	79.0	0.002
0.0	0.651	20.0	0.043	40.0	0.039	60.0	0.071	80.0	0.001
1.0	0.910	21.0	0.030	41.0	0.030	61.0	0.065	81.0	0.001
2.0	0.335	22.0	0.063	42.0	0.105	62.0	0.030	82.0	0.001
3.0	0.271	23.0	0.008	43.0	0.083	63.0	0.011	83.0	0.001
4.0	0.292	24.0	0.029	44.0	0.013	64.0	0.024	84.0	0.001
5.0	0.050	25.0	0.013	45.0	0.044	65.0	0.016	85.0	0.000
6.0	0.099	26.0	0.023	46.0	0.068	66.0	0.003	86.0	0.000
7.0	0.087	27.0	0.028	47.0	0.090	67.0	0.013	87.0	0.000
8.0	0.089	28.0	0.047	48.0	0.072	68.0	0.016	88.0	0.000
9.0	0.083	29.0	0.019	49.0	0.047	69.0	0.014	89.0	0.000
								90.0	0.000

This document contains proprietary and confidential information of Dielectric. It is to be used solely for the purpose for which it is provided. No disclosure, reproduction, or use of this document or any part of it may be made without the written permission of Dielectric.