

ELEVATION PATTERN

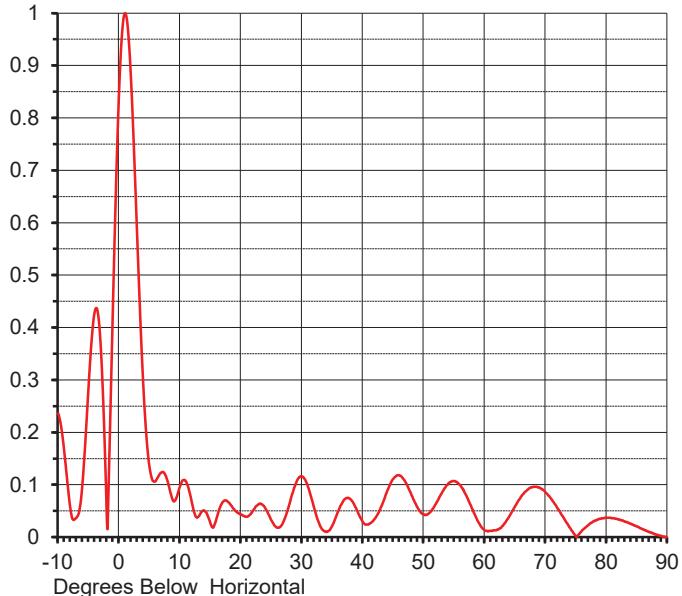
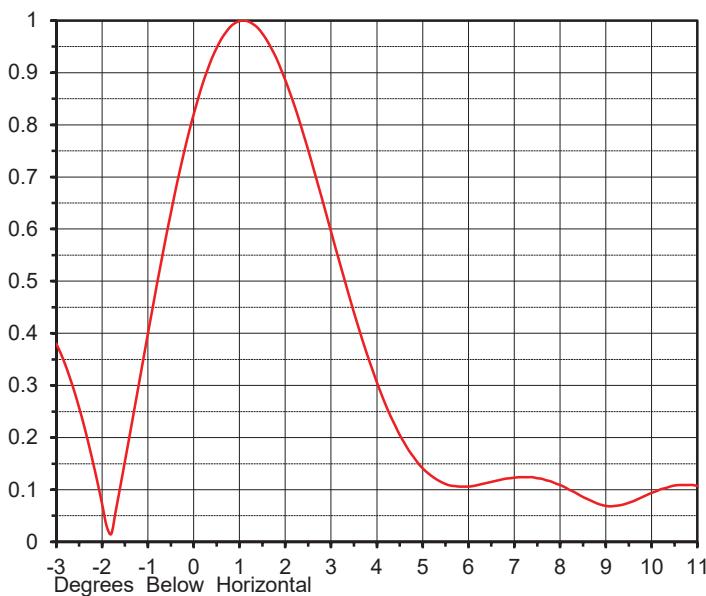
Proposal No. C-70300
 Date 17-Mar-17
 Call Letters WTIC
 Channel 34
 Frequency 593 MHz
 Antenna Type TFU-18DSC/VP-R C170

RMS Directivity at Main Lobe
 RMS Directivity at Horizontal

16.0 (12.04 dB)
10.8 (10.33 dB)

Calculated

Beam Tilt 1.00 deg
 Pattern Number 18Q160100



Angle	Field								
-10.0	0.236	10.0	0.097	30.0	0.116	50.0	0.043	70.0	0.085
-9.0	0.163	11.0	0.106	31.0	0.096	51.0	0.047	71.0	0.072
-8.0	0.055	12.0	0.063	32.0	0.056	52.0	0.064	72.0	0.054
-7.0	0.037	13.0	0.039	33.0	0.021	53.0	0.085	73.0	0.036
-6.0	0.104	14.0	0.050	34.0	0.010	54.0	0.102	74.0	0.018
-5.0	0.289	15.0	0.026	35.0	0.022	55.0	0.107	75.0	0.001
-4.0	0.430	16.0	0.036	36.0	0.050	56.0	0.099	76.0	0.013
-3.0	0.361	17.0	0.067	37.0	0.072	57.0	0.079	77.0	0.023
-2.0	0.030	18.0	0.066	38.0	0.072	58.0	0.053	78.0	0.031
-1.0	0.447	19.0	0.051	39.0	0.052	59.0	0.028	79.0	0.035
0.0	0.851	20.0	0.043	40.0	0.029	60.0	0.013	80.0	0.037
1.0	1.000	21.0	0.039	41.0	0.025	61.0	0.012	81.0	0.036
2.0	0.862	22.0	0.051	42.0	0.036	62.0	0.014	82.0	0.034
3.0	0.563	23.0	0.063	43.0	0.058	63.0	0.022	83.0	0.030
4.0	0.283	24.0	0.055	44.0	0.088	64.0	0.039	84.0	0.025
5.0	0.133	25.0	0.032	45.0	0.111	65.0	0.059	85.0	0.020
6.0	0.107	26.0	0.018	46.0	0.118	66.0	0.078	86.0	0.015
7.0	0.124	27.0	0.030	47.0	0.105	67.0	0.090	87.0	0.010
8.0	0.105	28.0	0.065	48.0	0.080	68.0	0.096	88.0	0.005
9.0	0.068	29.0	0.102	49.0	0.056	69.0	0.094	89.0	0.002
								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.