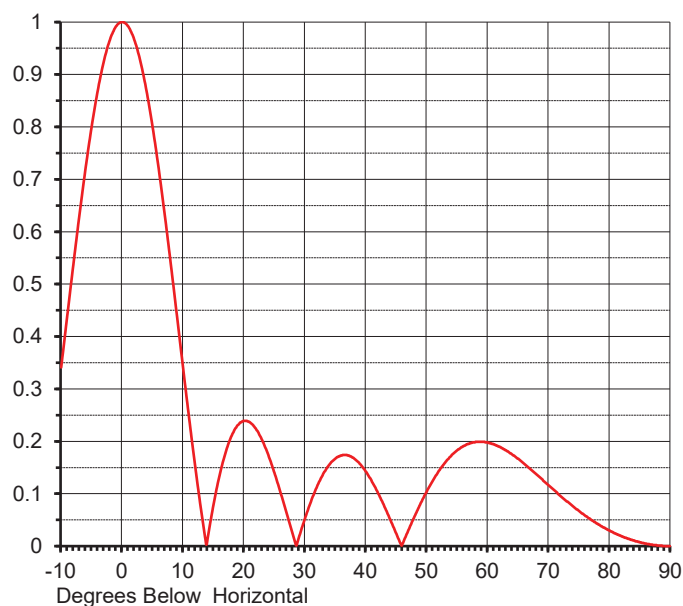
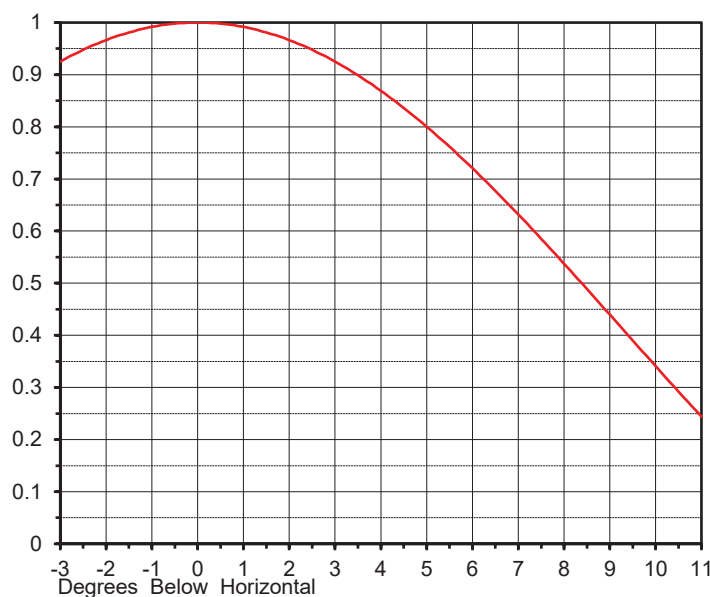


ELEVATION PATTERN

Proposal No. **C-71098-6**
 Date **23-Aug-18**
 Call Letters **WTLW**
 Channel **4**
 Frequency **69 MHz**
 Antenna Type **TF-4MT-H**

RMS Directivity at Main Lobe **4.0 (6.02 dB)**
 RMS Directivity at Horizontal **4.0 (6.02 dB)**
Calculated

Beam Tilt **0.00 deg**
 Pattern Number **04S040000**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.341	10.0	0.341	30.0	0.052	50.0	0.104	70.0	0.116
-9.0	0.440	11.0	0.244	31.0	0.085	51.0	0.125	71.0	0.106
-8.0	0.537	12.0	0.152	32.0	0.114	52.0	0.144	72.0	0.095
-7.0	0.632	13.0	0.066	33.0	0.138	53.0	0.159	73.0	0.085
-6.0	0.721	14.0	0.012	34.0	0.155	54.0	0.172	74.0	0.076
-5.0	0.800	15.0	0.079	35.0	0.167	55.0	0.183	75.0	0.067
-4.0	0.869	16.0	0.135	36.0	0.173	56.0	0.191	76.0	0.058
-3.0	0.925	17.0	0.179	37.0	0.173	57.0	0.196	77.0	0.050
-2.0	0.966	18.0	0.211	38.0	0.168	58.0	0.199	78.0	0.043
-1.0	0.992	19.0	0.231	39.0	0.157	59.0	0.199	79.0	0.036
0.0	1.000	20.0	0.239	40.0	0.142	60.0	0.198	80.0	0.030
1.0	0.992	21.0	0.236	41.0	0.123	61.0	0.194	81.0	0.024
2.0	0.966	22.0	0.223	42.0	0.101	62.0	0.189	82.0	0.019
3.0	0.925	23.0	0.202	43.0	0.077	63.0	0.183	83.0	0.014
4.0	0.869	24.0	0.174	44.0	0.051	64.0	0.175	84.0	0.011
5.0	0.800	25.0	0.140	45.0	0.024	65.0	0.167	85.0	0.007
6.0	0.721	26.0	0.102	46.0	0.004	66.0	0.157	86.0	0.005
7.0	0.632	27.0	0.063	47.0	0.031	67.0	0.147	87.0	0.003
8.0	0.537	28.0	0.023	48.0	0.057	68.0	0.137	88.0	0.001
9.0	0.440	29.0	0.016	49.0	0.082	69.0	0.127	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.