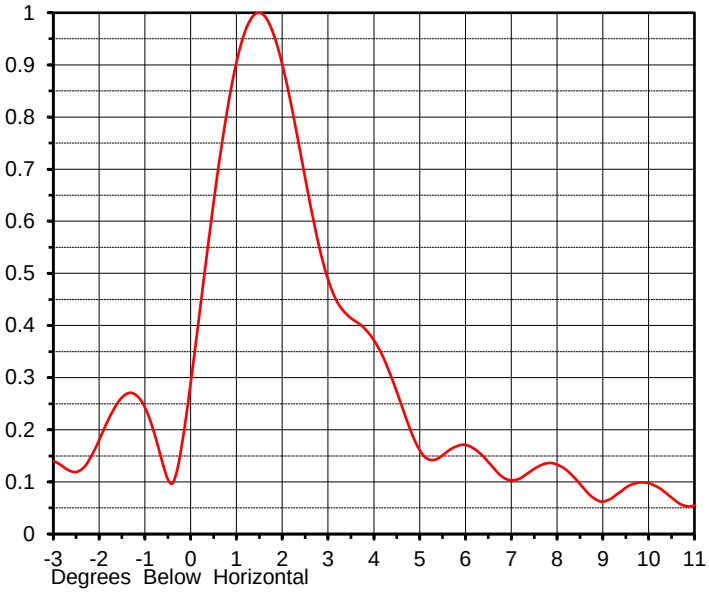
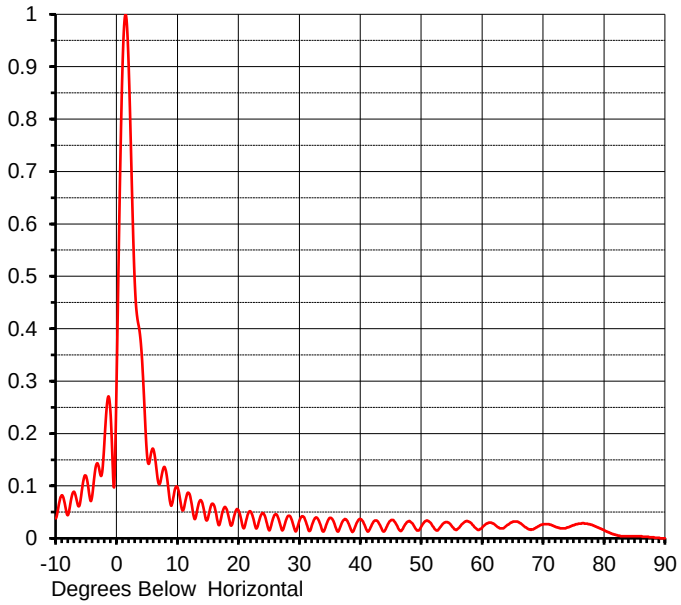
ELEVATION PATTERN

Proposal No.	**C-71658-5**
Date	**30-Mar-21**
Call Letters	**KSTC**
Channel	**30**
Frequency	**569 MHz**
Antenna Type	**TFU-31EBT/VP-R O8 SP**

RMS Directivity at Main Lobe	**26.2 (14.18 dB)**	Beam Tilt	**1.50 deg**
RMS Directivity at Horizontal	**2.2 (3.42 dB)**	Pattern Number	**31E262150**
	Calculated		





Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.038	10.0	0.098	30.0	0.033	50.0	0.022	70.0	0.027
-9.0	0.082	11.0	0.055	31.0	0.034	51.0	0.034	71.0	0.027
-8.0	0.044	12.0	0.084	32.0	0.022	52.0	0.022	72.0	0.022
-7.0	0.089	13.0	0.040	33.0	0.038	53.0	0.019	73.0	0.019
-6.0	0.066	14.0	0.070	34.0	0.013	54.0	0.031	74.0	0.021
-5.0	0.119	15.0	0.038	35.0	0.039	55.0	0.024	75.0	0.025
-4.0	0.080	16.0	0.063	36.0	0.020	56.0	0.018	76.0	0.028
-3.0	0.140	17.0	0.030	37.0	0.030	57.0	0.030	77.0	0.028
-2.0	0.180	18.0	0.057	38.0	0.030	58.0	0.031	78.0	0.026
-1.0	0.243	19.0	0.027	39.0	0.017	59.0	0.019	79.0	0.021
0.0	0.290	20.0	0.054	40.0	0.037	60.0	0.020	80.0	0.016
1.0	0.905	21.0	0.021	41.0	0.017	61.0	0.029	81.0	0.010
2.0	0.901	22.0	0.051	42.0	0.028	62.0	0.027	82.0	0.006
3.0	0.488	23.0	0.019	43.0	0.030	63.0	0.019	83.0	0.004
4.0	0.372	24.0	0.048	44.0	0.014	64.0	0.024	84.0	0.004
5.0	0.161	25.0	0.016	45.0	0.034	65.0	0.031	85.0	0.004
6.0	0.171	26.0	0.045	46.0	0.025	66.0	0.031	86.0	0.004
7.0	0.103	27.0	0.021	47.0	0.018	67.0	0.022	87.0	0.003
8.0	0.133	28.0	0.040	48.0	0.033	68.0	0.016	88.0	0.002
9.0	0.062	29.0	0.026	49.0	0.020	69.0	0.021	89.0	0.001
								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.