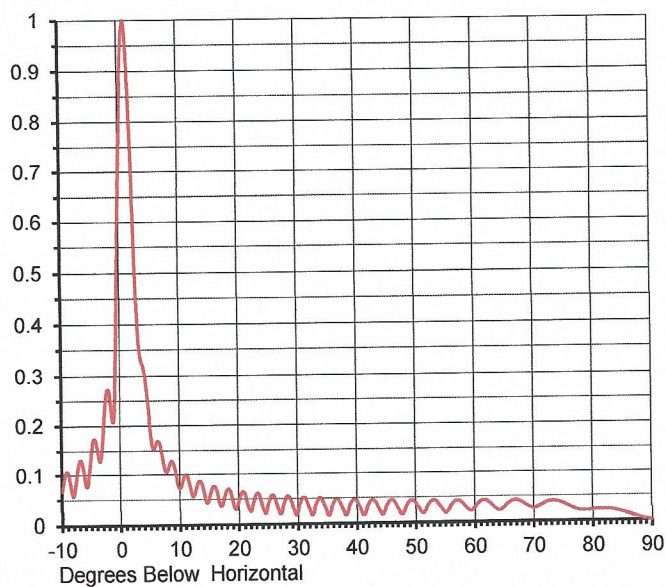
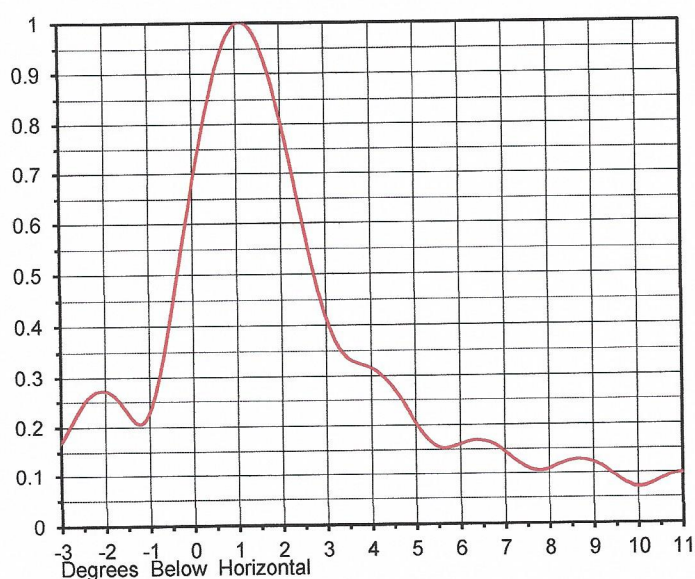


ELEVATION PATTERN

Proposal No. **C-71519-3**
 Date **28-Jul-20**
 Call Letters **KSTC**
 Channel **30**
 Frequency **569 MHz**
 Antenna Type **TFU-25EST/VP-R 04**

RMS Directivity at Main Lobe **22.3 (13.48 dB)**
 RMS Directivity at Horizontal **12.0 (10.79 dB)**
 Calculated

Beam Tilt **1.00 deg**
 Pattern Number **252100**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.066	10.0	0.071	30.0	0.027	50.0	0.037	70.0	0.026
-9.0	0.102	11.0	0.099	31.0	0.051	51.0	0.018	71.0	0.031
-8.0	0.060	12.0	0.059	32.0	0.024	52.0	0.033	72.0	0.037
-7.0	0.129	13.0	0.082	33.0	0.037	53.0	0.044	73.0	0.040
-6.0	0.081	14.0	0.065	34.0	0.048	54.0	0.033	74.0	0.039
-5.0	0.148	15.0	0.054	35.0	0.016	55.0	0.018	75.0	0.035
-4.0	0.151	16.0	0.071	36.0	0.040	56.0	0.034	76.0	0.029
-3.0	0.184	17.0	0.035	37.0	0.043	57.0	0.043	77.0	0.023
-2.0	0.268	18.0	0.068	38.0	0.015	58.0	0.035	78.0	0.020
-1.0	0.254	19.0	0.041	39.0	0.041	59.0	0.022	79.0	0.020
0.0	0.733	20.0	0.049	40.0	0.042	60.0	0.029	80.0	0.022
1.0	1.000	21.0	0.057	41.0	0.015	61.0	0.041	81.0	0.023
2.0	0.763	22.0	0.026	42.0	0.039	62.0	0.042	82.0	0.023
3.0	0.388	23.0	0.059	43.0	0.043	63.0	0.031	83.0	0.022
4.0	0.310	24.0	0.033	44.0	0.018	64.0	0.022	84.0	0.019
5.0	0.190	25.0	0.041	45.0	0.034	65.0	0.029	85.0	0.016
6.0	0.163	26.0	0.052	46.0	0.045	66.0	0.039	86.0	0.012
7.0	0.137	27.0	0.019	47.0	0.025	67.0	0.042	87.0	0.008
8.0	0.112	28.0	0.052	48.0	0.023	68.0	0.038	88.0	0.005
9.0	0.117	29.0	0.038	49.0	0.043	69.0	0.029	89.0	0.002
								90.0	0.000

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