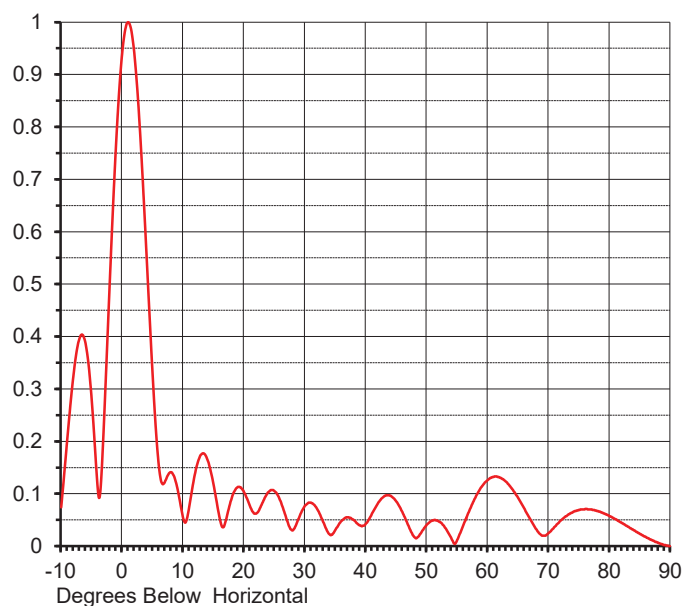
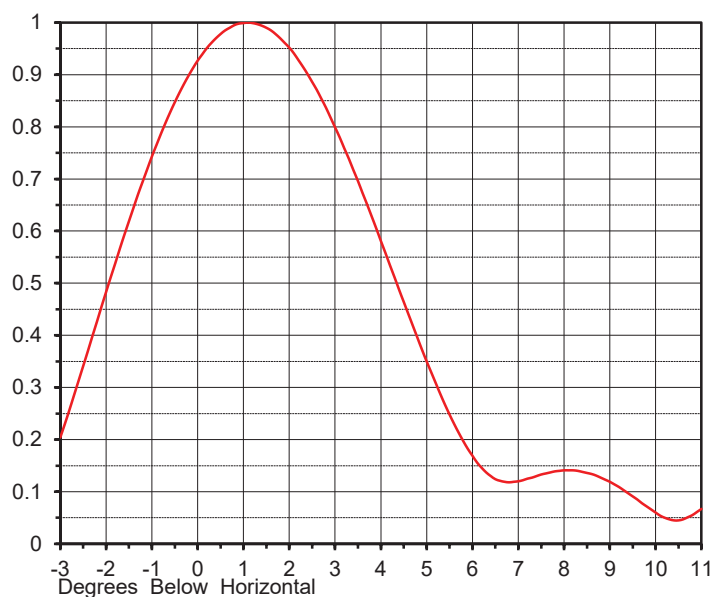


ELEVATION PATTERN

Proposal No. **C-70301-1**
 Date **11-Apr-17**
 Call Letters **WCCT**
 Channel **33**
 Frequency **587 MHz**
 Antenna Type **TFU-11JTH/VP-R O4 (SP)**

RMS Directivity at Main Lobe **11.2 (10.49 dB)**
 RMS Directivity at Horizontal **9.9 (9.96 dB)**
Calculated

Beam Tilt **1.00 deg**
 Pattern Number **11J112100**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.074	10.0	0.054	30.0	0.077	50.0	0.041	70.0	0.025
-9.0	0.204	11.0	0.074	31.0	0.083	51.0	0.049	71.0	0.037
-8.0	0.324	12.0	0.140	32.0	0.071	52.0	0.047	72.0	0.049
-7.0	0.396	13.0	0.175	33.0	0.046	53.0	0.035	73.0	0.058
-6.0	0.387	14.0	0.165	34.0	0.023	54.0	0.016	74.0	0.065
-5.0	0.281	15.0	0.118	35.0	0.031	55.0	0.012	75.0	0.069
-4.0	0.110	16.0	0.054	36.0	0.048	56.0	0.040	76.0	0.071
-3.0	0.230	17.0	0.048	37.0	0.055	57.0	0.068	77.0	0.070
-2.0	0.511	18.0	0.092	38.0	0.050	58.0	0.093	78.0	0.067
-1.0	0.765	19.0	0.113	39.0	0.040	59.0	0.113	79.0	0.063
0.0	0.939	20.0	0.103	40.0	0.043	60.0	0.126	80.0	0.057
1.0	1.000	21.0	0.076	41.0	0.062	61.0	0.132	81.0	0.051
2.0	0.941	22.0	0.062	42.0	0.082	62.0	0.131	82.0	0.044
3.0	0.780	23.0	0.082	43.0	0.095	63.0	0.123	83.0	0.037
4.0	0.558	24.0	0.103	44.0	0.096	64.0	0.109	84.0	0.030
5.0	0.329	25.0	0.105	45.0	0.085	65.0	0.092	85.0	0.023
6.0	0.156	26.0	0.086	46.0	0.065	66.0	0.072	86.0	0.017
7.0	0.122	27.0	0.051	47.0	0.039	67.0	0.051	87.0	0.011
8.0	0.141	28.0	0.030	48.0	0.017	68.0	0.032	88.0	0.006
9.0	0.114	29.0	0.053	49.0	0.024	69.0	0.020	89.0	0.002
								90.0	0.000

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