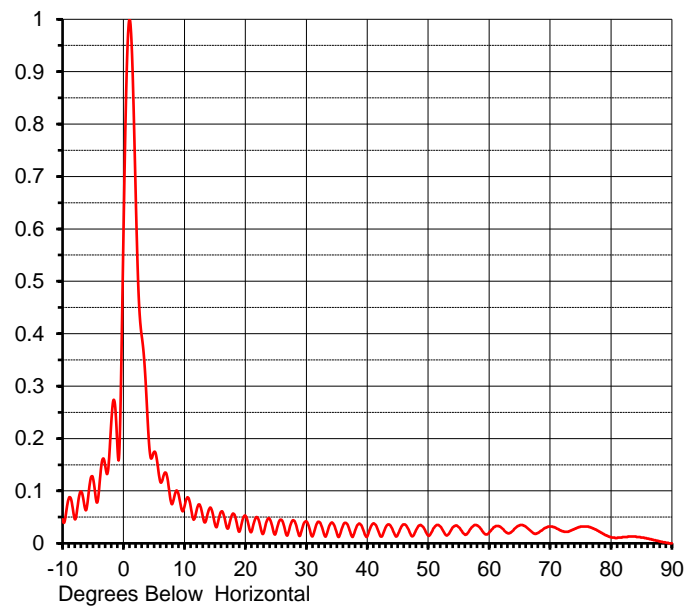
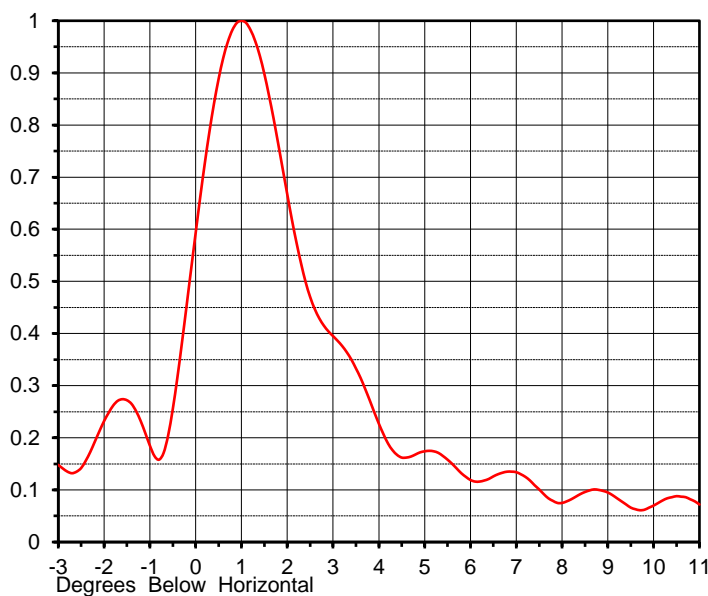


ELEVATION PATTERN

Proposal No. **C-71651-4**
 Date **5-May-21**
 Call Letters **WUCW**
 Channel **22**
 Frequency **521 MHz**
 Antenna Type **TFU-33EBT/VP-R O8 SP**

RMS Directivity at Main Lobe **27.5 (14.39 dB)**
 RMS Directivity at Horizontal **9.7 (9.87 dB)**
Calculated

Beam Tilt **1.00 deg**
 Pattern Number **33E275100**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.046	10.0	0.070	30.0	0.042	50.0	0.015	70.0	0.032
-9.0	0.085	11.0	0.072	31.0	0.013	51.0	0.030	71.0	0.029
-8.0	0.046	12.0	0.063	32.0	0.041	52.0	0.032	72.0	0.023
-7.0	0.099	13.0	0.052	33.0	0.015	53.0	0.015	73.0	0.022
-6.0	0.070	14.0	0.064	34.0	0.038	54.0	0.030	74.0	0.027
-5.0	0.124	15.0	0.037	35.0	0.020	55.0	0.031	75.0	0.032
-4.0	0.104	16.0	0.060	36.0	0.033	56.0	0.017	76.0	0.032
-3.0	0.148	17.0	0.029	37.0	0.029	57.0	0.028	77.0	0.029
-2.0	0.232	18.0	0.057	38.0	0.024	58.0	0.034	78.0	0.023
-1.0	0.185	19.0	0.022	39.0	0.035	59.0	0.022	79.0	0.016
0.0	0.593	20.0	0.053	40.0	0.013	60.0	0.020	80.0	0.012
1.0	1.000	21.0	0.022	41.0	0.038	61.0	0.032	81.0	0.010
2.0	0.667	22.0	0.049	42.0	0.018	62.0	0.030	82.0	0.012
3.0	0.395	23.0	0.020	43.0	0.030	63.0	0.020	83.0	0.013
4.0	0.227	24.0	0.046	44.0	0.030	64.0	0.025	84.0	0.013
5.0	0.174	25.0	0.020	45.0	0.016	65.0	0.034	85.0	0.011
6.0	0.119	26.0	0.044	46.0	0.036	66.0	0.032	86.0	0.009
7.0	0.134	27.0	0.018	47.0	0.020	67.0	0.022	87.0	0.006
8.0	0.075	28.0	0.043	48.0	0.025	68.0	0.020	88.0	0.004
9.0	0.095	29.0	0.015	49.0	0.033	69.0	0.028	89.0	0.001
								90.0	0.000

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