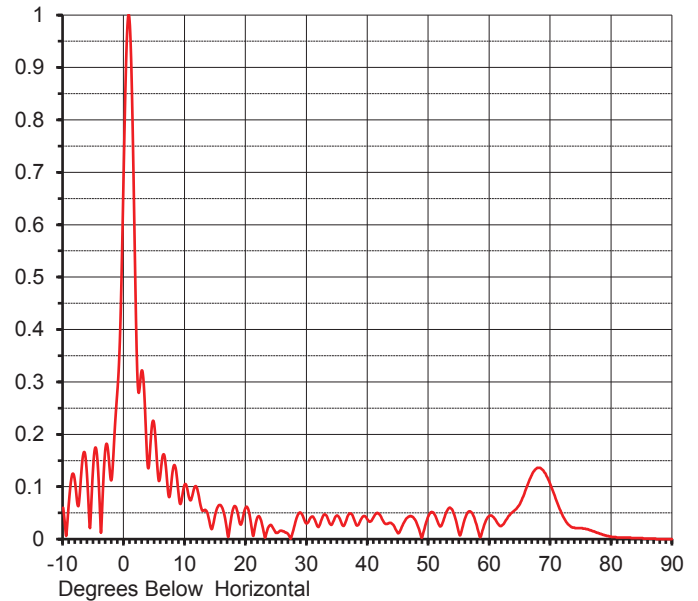
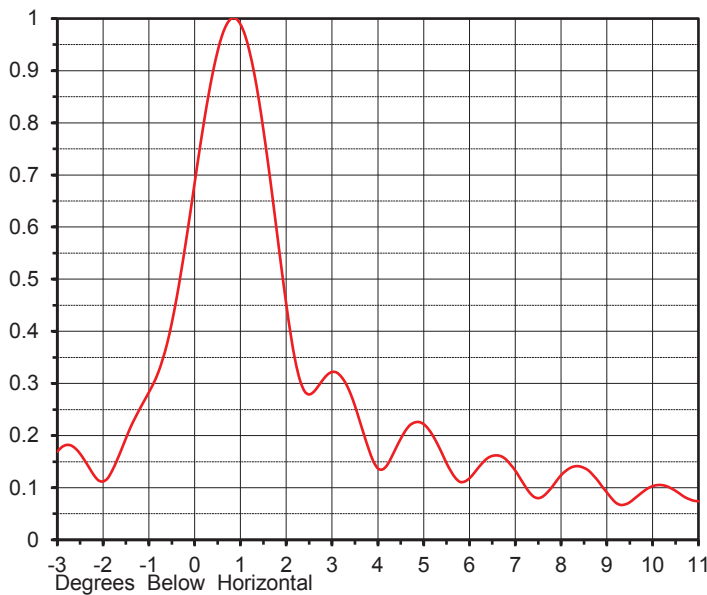


ELEVATION PATTERN

Proposal No. **C-70671-3**
 Date **21-Apr-17**
 Call Letters **KATU**
 Channel **24**
 Frequency **533 MHz**
 Antenna Type **TUM25-O4-16/64H-2-R-T**

RMS Directivity at Main Lobe **28.3 (14.52 dB)**
 RMS Directivity at Horizontal **15.7 (11.96 dB)**
Calculated

Beam Tilt **0.75 deg**
 Pattern Number **16U283075**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.060	10.0	0.105	30.0	0.030	50.0	0.045	70.0	0.103
-9.0	0.078	11.0	0.075	31.0	0.043	51.0	0.046	71.0	0.072
-8.0	0.104	12.0	0.096	32.0	0.025	52.0	0.025	72.0	0.044
-7.0	0.130	13.0	0.054	33.0	0.047	53.0	0.054	73.0	0.027
-6.0	0.104	14.0	0.034	34.0	0.027	54.0	0.052	74.0	0.021
-5.0	0.151	15.0	0.049	35.0	0.045	55.0	0.010	75.0	0.021
-4.0	0.065	16.0	0.062	36.0	0.025	56.0	0.041	76.0	0.019
-3.0	0.178	17.0	0.008	37.0	0.049	57.0	0.051	77.0	0.015
-2.0	0.118	18.0	0.061	38.0	0.030	58.0	0.020	78.0	0.011
-1.0	0.300	19.0	0.030	39.0	0.040	59.0	0.023	79.0	0.007
0.0	0.744	20.0	0.061	40.0	0.037	60.0	0.045	80.0	0.004
1.0	0.968	21.0	0.017	41.0	0.043	61.0	0.036	81.0	0.003
2.0	0.392	22.0	0.043	42.0	0.046	62.0	0.026	82.0	0.003
3.0	0.321	23.0	0.009	43.0	0.029	63.0	0.042	83.0	0.003
4.0	0.135	24.0	0.027	44.0	0.029	64.0	0.054	84.0	0.002
5.0	0.213	25.0	0.012	45.0	0.011	65.0	0.068	85.0	0.002
6.0	0.128	26.0	0.015	46.0	0.033	66.0	0.097	86.0	0.001
7.0	0.119	27.0	0.008	47.0	0.044	67.0	0.125	87.0	0.001
8.0	0.132	28.0	0.027	48.0	0.031	68.0	0.136	88.0	0.000
9.0	0.080	29.0	0.050	49.0	0.007	69.0	0.127	89.0	0.000
								90.0	0.000

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