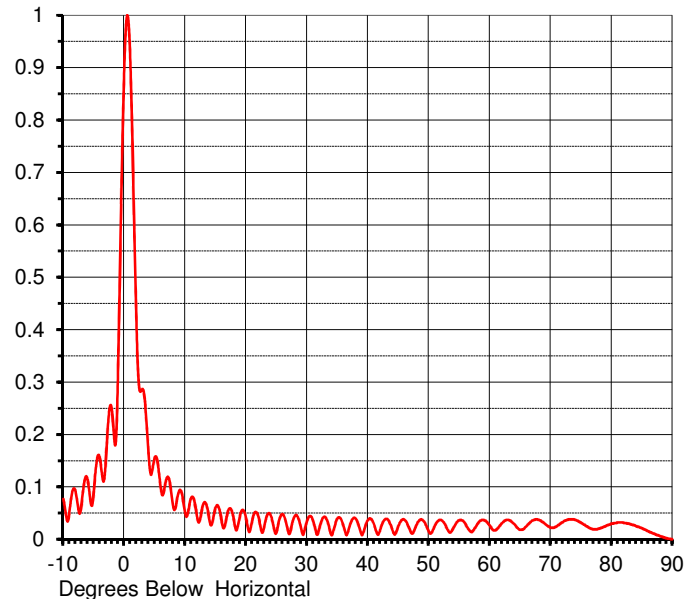
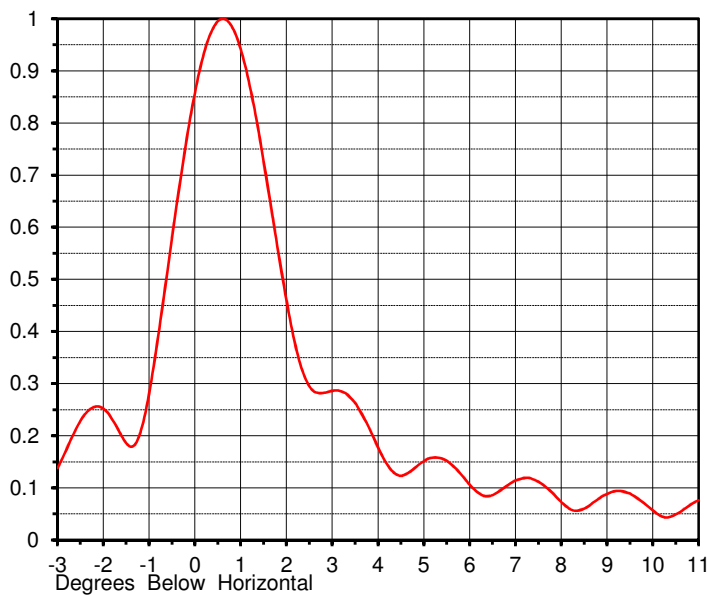


## ELEVATION PATTERN

Proposal No. **C-70271-3**  
 Date **20-Jun-17**  
 Call Letters **WKAS**  
 Channel **36**  
 Frequency **605 MHz**  
 Antenna Type **TFU-29ETT/VP-R 04**

RMS Directivity at Main Lobe **28.0 ( 14.47 dB )**  
 RMS Directivity at Horizontal **22.6 ( 13.54 dB )**  
**Calculated**

Beam Tilt **0.75 deg**  
 Pattern Number **29E280050**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.077	10.0	0.050	30.0	0.035	50.0	0.014	70.0	0.022
-9.0	0.052	11.0	0.079	31.0	0.035	51.0	0.026	71.0	0.025
-8.0	0.092	12.0	0.040	32.0	0.020	52.0	0.037	72.0	0.033
-7.0	0.068	13.0	0.068	33.0	0.042	53.0	0.020	73.0	0.038
-6.0	0.113	14.0	0.036	34.0	0.008	54.0	0.021	74.0	0.037
-5.0	0.091	15.0	0.061	35.0	0.040	55.0	0.036	75.0	0.031
-4.0	0.154	16.0	0.034	36.0	0.025	56.0	0.029	76.0	0.024
-3.0	0.155	17.0	0.053	37.0	0.025	57.0	0.014	77.0	0.019
-2.0	0.244	18.0	0.036	38.0	0.039	58.0	0.030	78.0	0.021
-1.0	0.333	19.0	0.045	39.0	0.008	59.0	0.037	79.0	0.025
0.0	0.899	20.0	0.039	40.0	0.037	60.0	0.026	80.0	0.030
1.0	0.910	21.0	0.036	41.0	0.028	61.0	0.018	81.0	0.032
2.0	0.413	22.0	0.043	42.0	0.018	62.0	0.031	82.0	0.031
3.0	0.287	23.0	0.026	43.0	0.039	63.0	0.037	83.0	0.029
4.0	0.160	24.0	0.047	44.0	0.018	64.0	0.029	84.0	0.025
5.0	0.156	25.0	0.014	45.0	0.026	65.0	0.018	85.0	0.021
6.0	0.097	26.0	0.048	46.0	0.037	66.0	0.025	86.0	0.015
7.0	0.117	27.0	0.011	47.0	0.014	67.0	0.036	87.0	0.010
8.0	0.065	28.0	0.044	48.0	0.028	68.0	0.037	88.0	0.006
9.0	0.092	29.0	0.022	49.0	0.036	69.0	0.030	89.0	0.002
								90.0	0.000

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