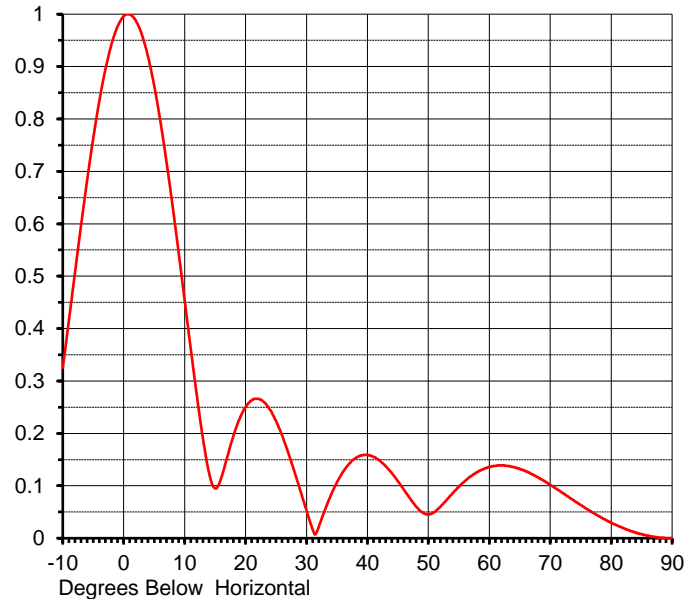


ELEVATION PATTERN

Proposal No. **C-71661-1**
 Date **21-Dec-20**
 Call Letters **KQCK**
 Channel **11**
 Frequency **201 MHz**
 Antenna Type **TLS-V4M-R**

RMS Directivity at Main Lobe **4.3 (6.33 dB)**
 RMS Directivity at Horizontal **4.3 (6.33 dB)**
Calculated

Beam Tilt **0.75 deg**
 Pattern Number **04T043075-11**



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.325	10.0	0.454	30.0	0.053	50.0	0.045	70.0	0.102
-9.0	0.415	11.0	0.362	31.0	0.017	51.0	0.050	71.0	0.094
-8.0	0.506	12.0	0.273	32.0	0.021	52.0	0.060	72.0	0.087
-7.0	0.597	13.0	0.191	33.0	0.053	53.0	0.073	73.0	0.079
-6.0	0.683	14.0	0.125	34.0	0.082	54.0	0.086	74.0	0.071
-5.0	0.763	15.0	0.095	35.0	0.107	55.0	0.098	75.0	0.063
-4.0	0.834	16.0	0.115	36.0	0.127	56.0	0.109	76.0	0.056
-3.0	0.895	17.0	0.155	37.0	0.142	57.0	0.118	77.0	0.049
-2.0	0.943	18.0	0.195	38.0	0.152	58.0	0.126	78.0	0.042
-1.0	0.977	19.0	0.227	39.0	0.158	59.0	0.132	79.0	0.036
0.0	0.996	20.0	0.250	40.0	0.159	60.0	0.136	80.0	0.030
1.0	0.999	21.0	0.263	41.0	0.155	61.0	0.138	81.0	0.024
2.0	0.988	22.0	0.266	42.0	0.148	62.0	0.139	82.0	0.019
3.0	0.960	23.0	0.260	43.0	0.137	63.0	0.138	83.0	0.015
4.0	0.919	24.0	0.245	44.0	0.124	64.0	0.136	84.0	0.011
5.0	0.864	25.0	0.224	45.0	0.109	65.0	0.132	85.0	0.008
6.0	0.797	26.0	0.196	46.0	0.092	66.0	0.128	86.0	0.005
7.0	0.720	27.0	0.163	47.0	0.076	67.0	0.122	87.0	0.003
8.0	0.636	28.0	0.128	48.0	0.060	68.0	0.116	88.0	0.001
9.0	0.547	29.0	0.090	49.0	0.049	69.0	0.109	89.0	0.000
								90.0	0.000

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