

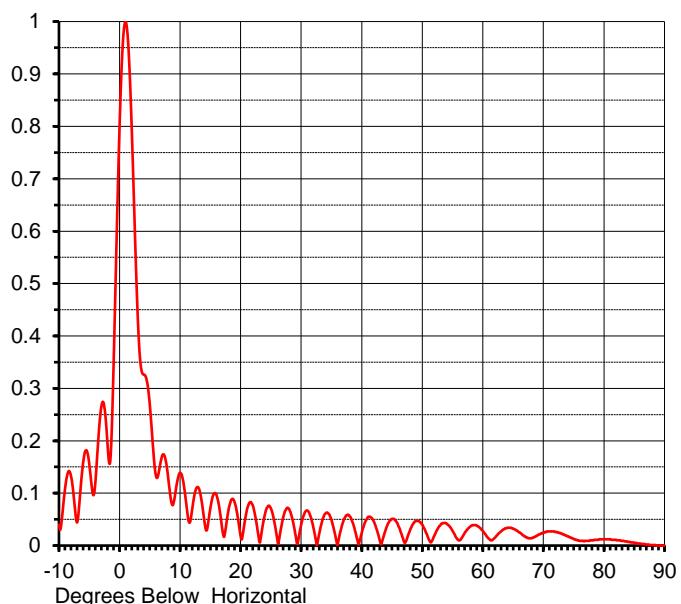
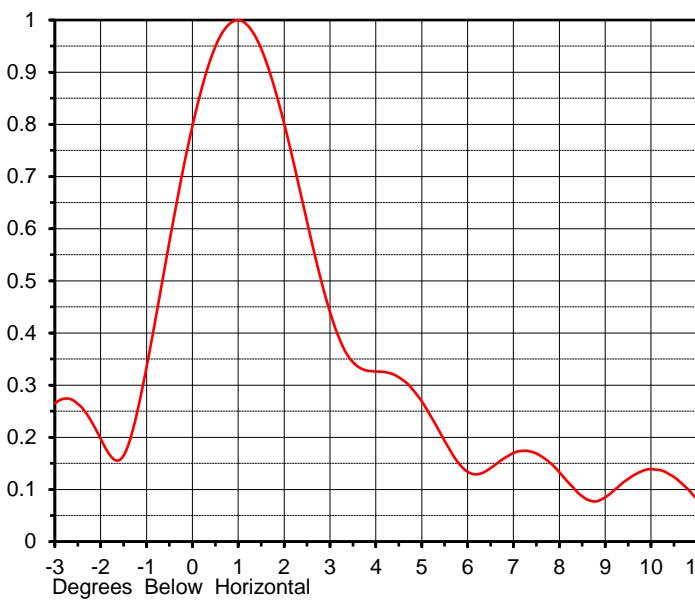
ELEVATION PATTERN

Proposal No. C-71828-4
 Date 28-Apr-22
 Call Letters KMPH
 Channel 28
 Frequency 557 MHz
 Antenna Type TFU-21ETT/VP-R 4C170

RMS Directivity at Main Lobe
 RMS Directivity at Horizontal

20.0 (13.01 dB)
12.7 (11.04 dB)
Calculated

Beam Tilt 1.00 deg
 Pattern Number 21E200100



Angle	Field								
-10.0	0.040	10.0	0.139	30.0	0.040	50.0	0.040	70.0	0.025
-9.0	0.108	11.0	0.082	31.0	0.067	51.0	0.014	71.0	0.027
-8.0	0.132	12.0	0.069	32.0	0.035	52.0	0.019	72.0	0.026
-7.0	0.044	13.0	0.111	33.0	0.024	53.0	0.039	73.0	0.023
-6.0	0.159	14.0	0.048	34.0	0.061	54.0	0.042	74.0	0.018
-5.0	0.156	15.0	0.071	35.0	0.049	55.0	0.028	75.0	0.013
-4.0	0.119	16.0	0.097	36.0	0.001	56.0	0.010	76.0	0.009
-3.0	0.265	17.0	0.029	37.0	0.048	57.0	0.024	77.0	0.009
-2.0	0.197	18.0	0.068	38.0	0.056	58.0	0.037	78.0	0.010
-1.0	0.335	19.0	0.083	39.0	0.024	59.0	0.038	79.0	0.011
0.0	0.797	20.0	0.018	40.0	0.024	60.0	0.028	80.0	0.012
1.0	1.000	21.0	0.066	41.0	0.054	61.0	0.013	81.0	0.012
2.0	0.802	22.0	0.077	42.0	0.046	62.0	0.015	82.0	0.011
3.0	0.440	23.0	0.014	43.0	0.009	63.0	0.027	83.0	0.009
4.0	0.326	24.0	0.059	44.0	0.032	64.0	0.034	84.0	0.007
5.0	0.269	25.0	0.071	45.0	0.051	65.0	0.032	85.0	0.005
6.0	0.134	26.0	0.016	46.0	0.039	66.0	0.025	86.0	0.004
7.0	0.170	27.0	0.052	47.0	0.007	67.0	0.017	87.0	0.002
8.0	0.133	28.0	0.070	48.0	0.030	68.0	0.014	88.0	0.001
9.0	0.085	29.0	0.024	49.0	0.047	69.0	0.019	89.0	0.000
									90.0 0.000

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