

ELEVATION PATTERN

Proposal No.

Date **8-May-18**

Call Letters

Channel

Frequency

Antenna Type **TUM30-C2-8/16H-1 SM**

RMS Directivity at Main Lobe

14.3 (11.55 dB)

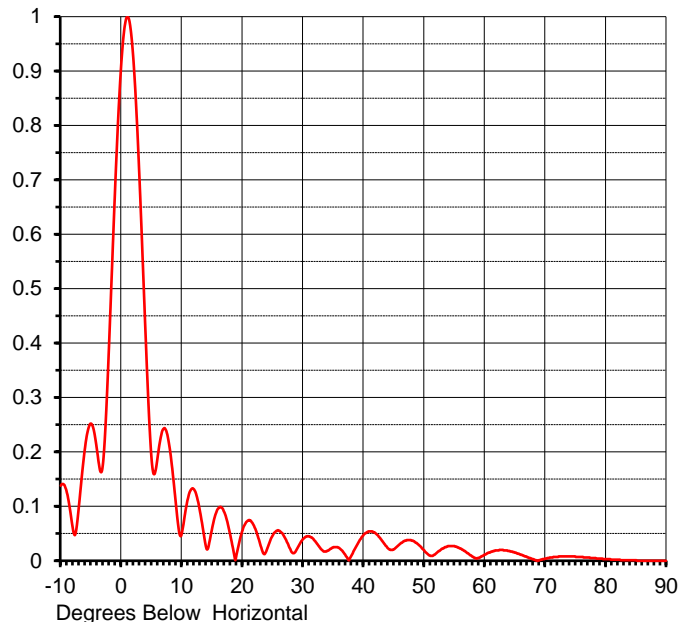
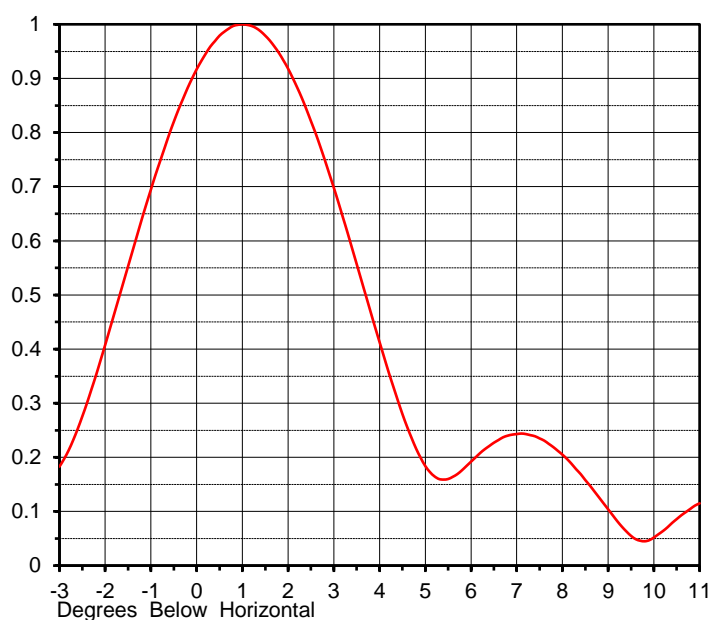
Beam Tilt **1.00 deg**

RMS Directivity at Horizontal

12.0 (10.79 dB)

Pattern Number **08U143100**

Calculated



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.138	10.0	0.052	30.0	0.040	50.0	0.019	70.0	0.004
-9.0	0.125	11.0	0.115	31.0	0.045	51.0	0.009	71.0	0.006
-8.0	0.058	12.0	0.131	32.0	0.036	52.0	0.014	72.0	0.007
-7.0	0.102	13.0	0.089	33.0	0.021	53.0	0.022	73.0	0.008
-6.0	0.208	14.0	0.024	34.0	0.018	54.0	0.027	74.0	0.008
-5.0	0.252	15.0	0.061	35.0	0.025	55.0	0.027	75.0	0.007
-4.0	0.201	16.0	0.096	36.0	0.023	56.0	0.022	76.0	0.007
-3.0	0.183	17.0	0.089	37.0	0.010	57.0	0.015	77.0	0.006
-2.0	0.408	18.0	0.046	38.0	0.010	58.0	0.007	78.0	0.005
-1.0	0.695	19.0	0.011	39.0	0.031	59.0	0.005	79.0	0.004
0.0	0.917	20.0	0.056	40.0	0.048	60.0	0.011	80.0	0.003
1.0	1.000	21.0	0.074	41.0	0.054	61.0	0.016	81.0	0.002
2.0	0.918	22.0	0.061	42.0	0.050	62.0	0.019	82.0	0.002
3.0	0.698	23.0	0.027	43.0	0.037	63.0	0.020	83.0	0.001
4.0	0.413	24.0	0.020	44.0	0.023	64.0	0.018	84.0	0.001
5.0	0.184	25.0	0.047	45.0	0.021	65.0	0.015	85.0	0.001
6.0	0.192	26.0	0.055	46.0	0.031	66.0	0.011	86.0	0.000
7.0	0.243	27.0	0.042	47.0	0.037	67.0	0.007	87.0	0.000
8.0	0.205	28.0	0.018	48.0	0.037	68.0	0.003	88.0	0.000
9.0	0.104	29.0	0.022	49.0	0.030	69.0	0.001	89.0	0.000
								90.0	0.000

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