

ELEVATION PATTERN

Top 2 sections of TLP-24

Proposal No.

Date **22-Oct-19**

Call Letters **WCDC**

Channel **36**

Frequency **605 MHz**

Antenna Type **TLP top 2 sections**

RMS Directivity at Main Lobe

17.33 (12.39 dB)

Beam Tilt

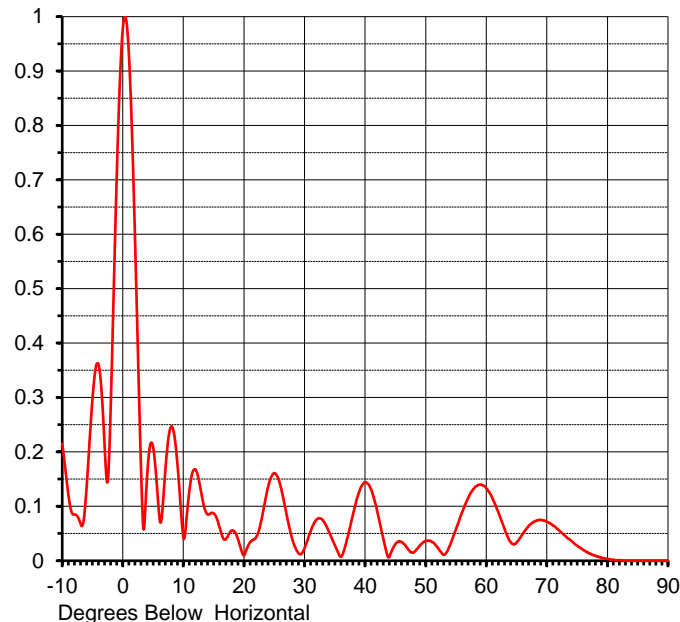
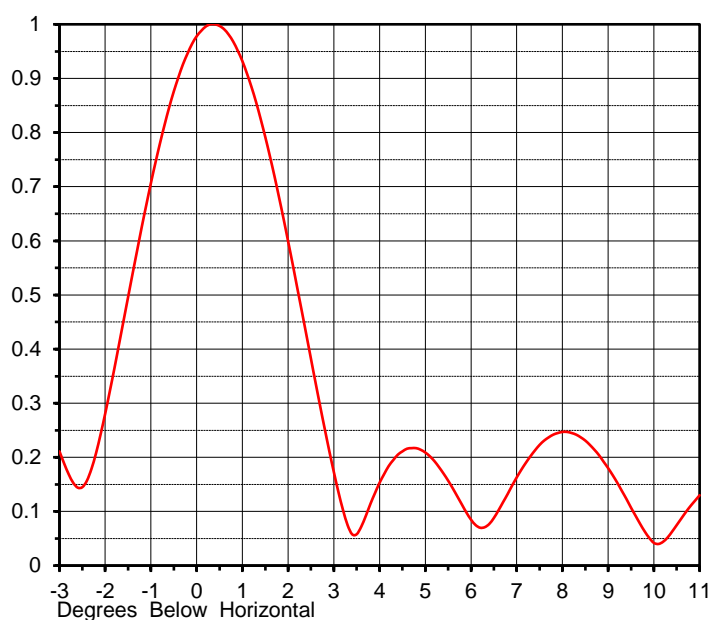
0.35 deg

RMS Directivity at Horizontal

16.6 (12.20 dB)

Pattern Number

Calculated



Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.215	10.0	0.042	30.0	0.023	50.0	0.036	70.0	0.072
-9.0	0.123	11.0	0.130	31.0	0.054	51.0	0.035	71.0	0.065
-8.0	0.085	12.0	0.168	32.0	0.076	52.0	0.024	72.0	0.056
-7.0	0.069	13.0	0.122	33.0	0.075	53.0	0.011	73.0	0.046
-6.0	0.131	14.0	0.085	34.0	0.054	54.0	0.028	74.0	0.037
-5.0	0.298	15.0	0.087	35.0	0.029	55.0	0.058	75.0	0.028
-4.0	0.360	16.0	0.061	36.0	0.007	56.0	0.089	76.0	0.020
-3.0	0.211	17.0	0.039	37.0	0.039	57.0	0.115	77.0	0.014
-2.0	0.281	18.0	0.055	38.0	0.085	58.0	0.133	78.0	0.009
-1.0	0.707	19.0	0.040	39.0	0.126	59.0	0.140	79.0	0.006
0.0	0.978	20.0	0.010	40.0	0.144	60.0	0.133	80.0	0.003
1.0	0.932	21.0	0.034	41.0	0.131	61.0	0.115	81.0	0.002
2.0	0.599	22.0	0.043	42.0	0.091	62.0	0.089	82.0	0.001
3.0	0.173	23.0	0.081	43.0	0.041	63.0	0.059	83.0	0.000
4.0	0.153	24.0	0.136	44.0	0.007	64.0	0.035	84.0	0.000
5.0	0.209	25.0	0.161	45.0	0.031	65.0	0.033	85.0	0.000
6.0	0.085	26.0	0.139	46.0	0.035	66.0	0.049	86.0	0.000
7.0	0.163	27.0	0.087	47.0	0.023	67.0	0.064	87.0	0.000
8.0	0.247	28.0	0.039	48.0	0.015	68.0	0.072	88.0	0.000
9.0	0.180	29.0	0.014	49.0	0.027	69.0	0.075	89.0	0.000
								90.0	0.000

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