



Date

Call Letters

Location

Customer

Antenna Type

Channel **10****TW-9B10****ELEVATION PATTERN**

RMS Gain at Main Lobe

**9.0 (9.54 dB)**

Beam Tilt

**0.75 Degrees**

RMS Gain at Horizontal

**8.6 (9.34 dB)**

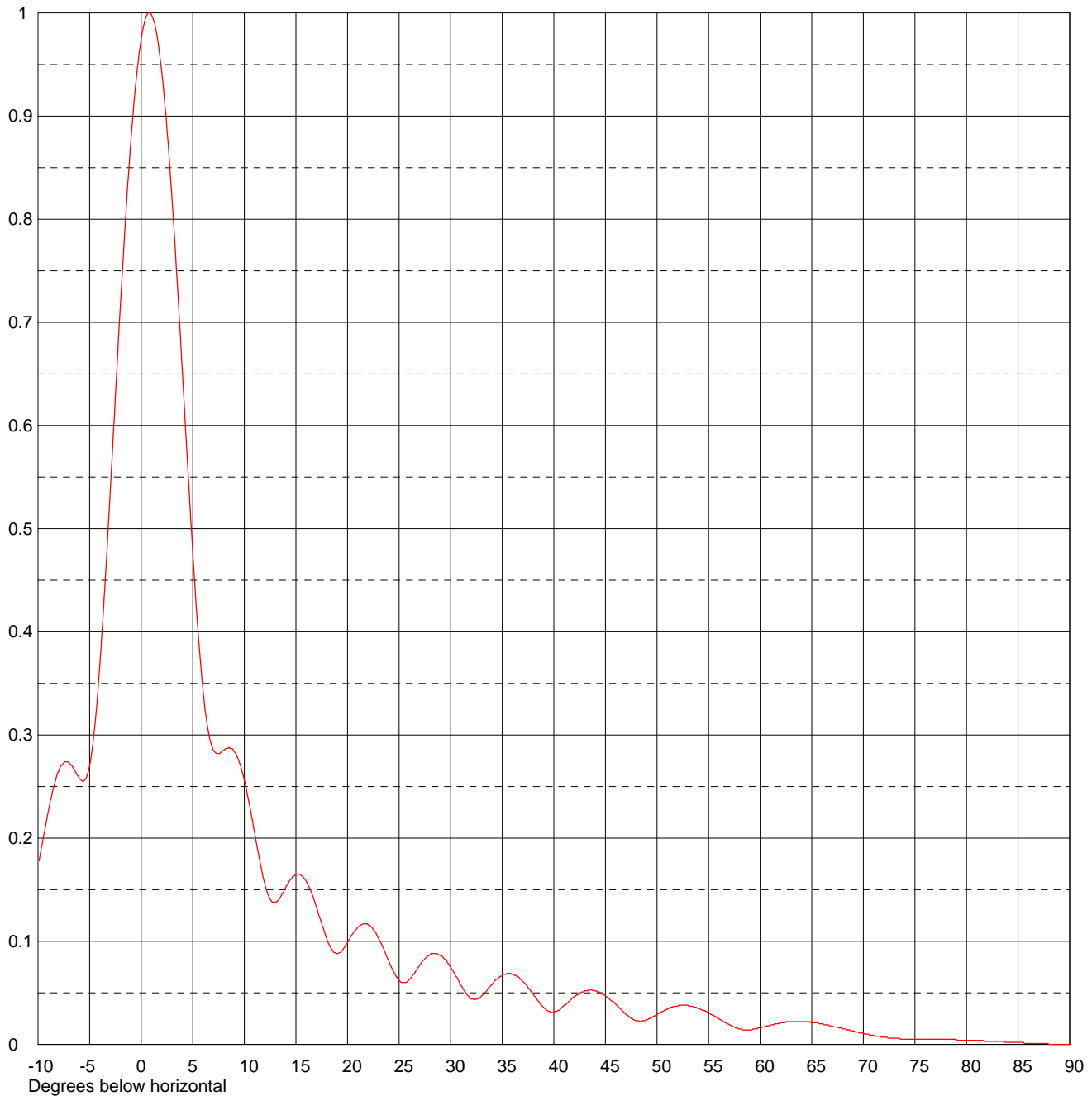
Frequency

**195.00 MHz**

Calculated / Measured

**Calculated**

Drawing #

**19W090075-90**

Remarks:



Date

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Antenna Type **TW-9B10**Channel **10****TABULATION OF ELEVATION PATTERN**Elevation Pattern Drawing # **19W090075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.173	2.4	0.900	10.6	0.227	30.5	0.066	51.0	0.034	71.5	0.008
-9.5	0.200	2.6	0.875	10.8	0.216	31.0	0.057	51.5	0.036	72.0	0.007
-9.0	0.226	2.8	0.847	11.0	0.205	31.5	0.050	52.0	0.037	72.5	0.006
-8.5	0.249	3.0	0.818	11.5	0.178	32.0	0.044	52.5	0.038	73.0	0.006
-8.0	0.265	3.2	0.787	12.0	0.155	32.5	0.044	53.0	0.038	73.5	0.006
-7.5	0.273	3.4	0.754	12.5	0.141	33.0	0.047	53.5	0.037	74.0	0.005
-7.0	0.273	3.6	0.721	13.0	0.138	33.5	0.052	54.0	0.035	74.5	0.005
-6.5	0.267	3.8	0.686	13.5	0.143	34.0	0.058	54.5	0.033	75.0	0.005
-6.0	0.258	4.0	0.651	14.0	0.152	34.5	0.063	55.0	0.031	75.5	0.005
-5.5	0.256	4.2	0.615	14.5	0.160	35.0	0.067	55.5	0.028	76.0	0.005
-5.0	0.270	4.4	0.580	15.0	0.165	35.5	0.069	56.0	0.025	76.5	0.005
-4.5	0.308	4.6	0.545	15.5	0.164	36.0	0.068	56.5	0.022	77.0	0.005
-4.0	0.369	4.8	0.510	16.0	0.158	36.5	0.066	57.0	0.019	77.5	0.005
-3.5	0.448	5.0	0.477	16.5	0.147	37.0	0.061	57.5	0.017	78.0	0.005
-3.0	0.536	5.2	0.445	17.0	0.133	37.5	0.055	58.0	0.015	78.5	0.005
-2.8	0.573	5.4	0.416	17.5	0.117	38.0	0.049	58.5	0.014	79.0	0.005
-2.6	0.610	5.6	0.388	18.0	0.102	38.5	0.042	59.0	0.014	79.5	0.004
-2.4	0.647	5.8	0.364	18.5	0.092	39.0	0.036	59.5	0.015	80.0	0.004
-2.2	0.684	6.0	0.343	19.0	0.088	39.5	0.032	60.0	0.016	80.5	0.004
-2.0	0.719	6.2	0.324	19.5	0.091	40.0	0.031	60.5	0.017	81.0	0.004
-1.8	0.754	6.4	0.310	20.0	0.099	40.5	0.033	61.0	0.019	81.5	0.004
-1.6	0.787	6.6	0.298	20.5	0.107	41.0	0.038	61.5	0.020	82.0	0.003
-1.4	0.819	6.8	0.291	21.0	0.114	41.5	0.042	62.0	0.021	82.5	0.003
-1.2	0.848	7.0	0.285	21.5	0.117	42.0	0.046	62.5	0.022	83.0	0.003
-1.0	0.876	7.2	0.283	22.0	0.116	42.5	0.050	63.0	0.022	83.5	0.003
-0.8	0.901	7.4	0.282	22.5	0.111	43.0	0.052	63.5	0.022	84.0	0.002
-0.6	0.924	7.6	0.282	23.0	0.103	43.5	0.053	64.0	0.022	84.5	0.002
-0.4	0.944	7.8	0.284	23.5	0.093	44.0	0.052	64.5	0.022	85.0	0.002
-0.2	0.961	8.0	0.285	24.0	0.081	44.5	0.050	65.0	0.021	85.5	0.002
0.0	0.975	8.2	0.287	24.5	0.070	45.0	0.047	65.5	0.021	86.0	0.001
0.2	0.986	8.4	0.287	25.0	0.062	45.5	0.043	66.0	0.020	86.5	0.001
0.4	0.994	8.6	0.287	25.5	0.060	46.0	0.039	66.5	0.019	87.0	0.001
0.6	0.999	8.8	0.287	26.0	0.063	46.5	0.034	67.0	0.018	87.5	0.001
0.8	1.000	9.0	0.284	26.5	0.069	47.0	0.029	67.5	0.017	88.0	0.000
1.0	0.998	9.2	0.281	27.0	0.077	47.5	0.025	68.0	0.015	88.5	0.000
1.2	0.993	9.4	0.277	27.5	0.083	48.0	0.023	68.5	0.014	89.0	0.000
1.4	0.985	9.6	0.271	28.0	0.087	48.5	0.022	69.0	0.013	89.5	0.000
1.6	0.974	9.8	0.264	28.5	0.088	49.0	0.024	69.5	0.012	90.0	0.000
1.8	0.959	10.0	0.256	29.0	0.086	49.5	0.026	70.0	0.011		
2.0	0.942	10.2	0.247	29.5	0.082	50.0	0.029	70.5	0.010		
2.2	0.922	10.4	0.237	30.0	0.075	50.5	0.032	71.0	0.009		

Remarks: