



Date

Call Letters

Location

Customer

Antenna Type

Channel **27****TFU-31JTH 04****ELEVATION PATTERN**

RMS Gain at Main Lobe

31.0 (14.91 dB)

Beam Tilt

0.75 Degrees

RMS Gain at Horizontal

17.7 (12.48 dB)

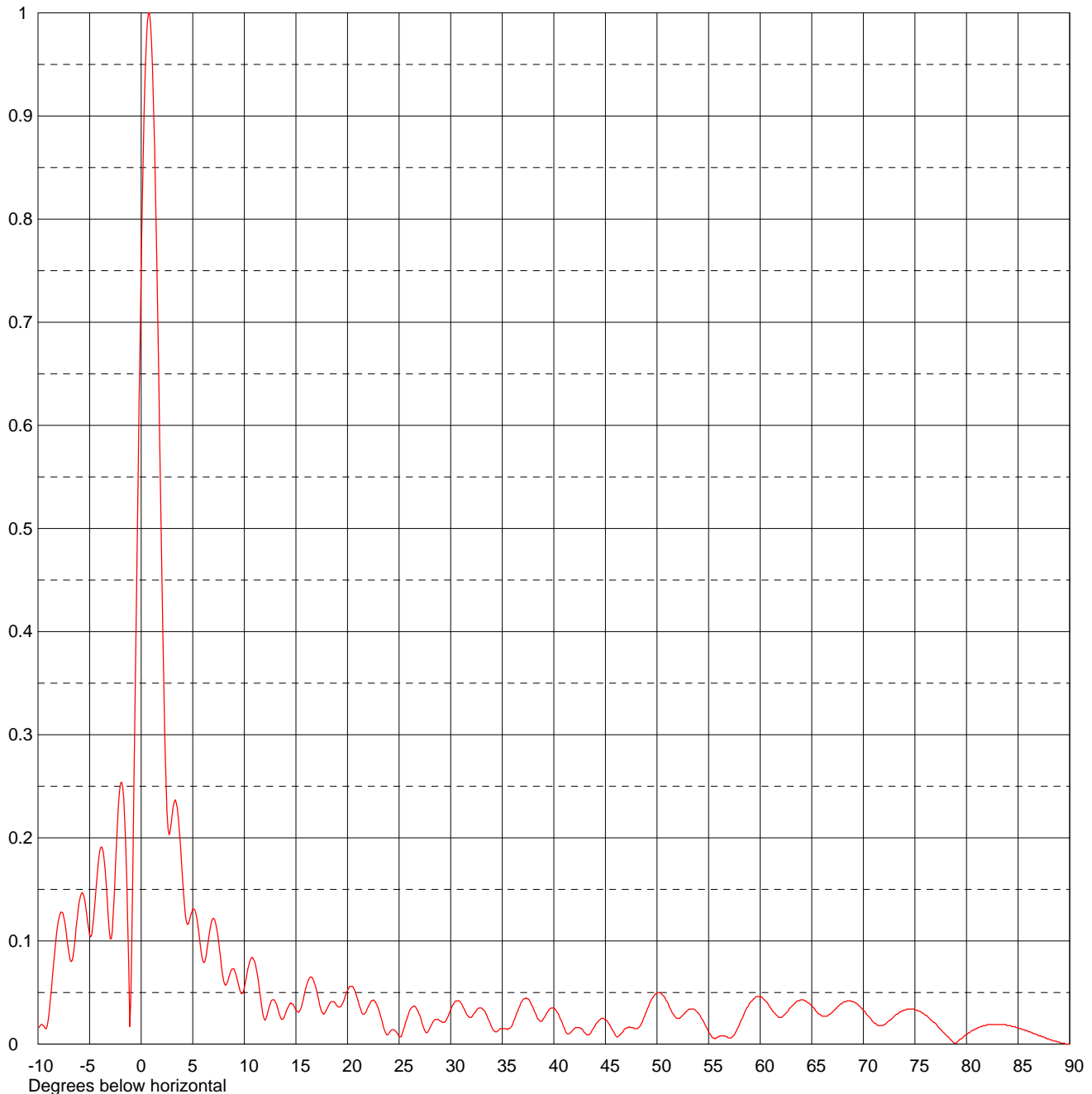
Frequency

551.00 MHz

Calculated / Measured

Calculated

Drawing #

31J310075-90

Remarks:



Date

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Antenna Type

Channel **27****TFU-31JTH 04****TABULATION OF ELEVATION PATTERN**Elevation Pattern Drawing # **31J310075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.014	2.4	0.254	10.6	0.082	30.5	0.042	51.0	0.041	71.5	0.018
-9.5	0.018	2.6	0.209	10.8	0.084	31.0	0.040	51.5	0.030	72.0	0.019
-9.0	0.024	2.8	0.206	11.0	0.080	31.5	0.030	52.0	0.025	72.5	0.023
-8.5	0.077	3.0	0.222	11.5	0.050	32.0	0.026	52.5	0.028	73.0	0.027
-8.0	0.121	3.2	0.235	12.0	0.023	32.5	0.033	53.0	0.033	73.5	0.031
-7.5	0.123	3.4	0.234	12.5	0.039	33.0	0.035	53.5	0.034	74.0	0.033
-7.0	0.088	3.6	0.219	13.0	0.041	33.5	0.028	54.0	0.030	74.5	0.034
-6.5	0.093	3.8	0.193	13.5	0.026	34.0	0.016	54.5	0.022	75.0	0.033
-6.0	0.138	4.0	0.162	14.0	0.030	34.5	0.012	55.0	0.012	75.5	0.032
-5.5	0.141	4.2	0.134	14.5	0.040	35.0	0.015	55.5	0.006	76.0	0.028
-5.0	0.106	4.4	0.118	15.0	0.033	35.5	0.014	56.0	0.007	76.5	0.024
-4.5	0.135	4.6	0.117	15.5	0.035	36.0	0.019	56.5	0.008	77.0	0.020
-4.0	0.188	4.8	0.125	16.0	0.056	36.5	0.032	57.0	0.006	77.5	0.014
-3.5	0.170	5.0	0.131	16.5	0.065	37.0	0.043	57.5	0.009	78.0	0.009
-3.0	0.102	5.2	0.130	17.0	0.052	37.5	0.044	58.0	0.019	78.5	0.004
-2.8	0.110	5.4	0.122	17.5	0.031	38.0	0.035	58.5	0.031	79.0	0.001
-2.6	0.148	5.6	0.107	18.0	0.034	38.5	0.024	59.0	0.040	79.5	0.005
-2.4	0.194	5.8	0.090	18.5	0.041	39.0	0.025	59.5	0.045	80.0	0.009
-2.2	0.232	6.0	0.080	19.0	0.037	39.5	0.033	60.0	0.046	80.5	0.013
-2.0	0.253	6.2	0.081	19.5	0.039	40.0	0.035	60.5	0.042	81.0	0.015
-1.8	0.250	6.4	0.093	20.0	0.052	40.5	0.028	61.0	0.035	81.5	0.017
-1.6	0.219	6.6	0.107	20.5	0.056	41.0	0.016	61.5	0.029	82.0	0.019
-1.4	0.159	6.8	0.118	21.0	0.043	41.5	0.010	62.0	0.026	82.5	0.019
-1.2	0.070	7.0	0.122	21.5	0.029	42.0	0.015	62.5	0.030	83.0	0.019
-1.0	0.045	7.2	0.118	22.0	0.036	42.5	0.016	63.0	0.036	83.5	0.019
-0.8	0.179	7.4	0.107	22.5	0.043	43.0	0.011	63.5	0.041	84.0	0.018
-0.6	0.326	7.6	0.091	23.0	0.034	43.5	0.010	64.0	0.043	84.5	0.017
-0.4	0.477	7.8	0.074	23.5	0.016	44.0	0.018	64.5	0.041	85.0	0.016
-0.2	0.623	8.0	0.061	24.0	0.010	44.5	0.024	65.0	0.037	85.5	0.014
0.0	0.755	8.2	0.057	24.5	0.014	45.0	0.024	65.5	0.031	86.0	0.012
0.2	0.865	8.4	0.061	25.0	0.007	45.5	0.017	66.0	0.027	86.5	0.010
0.4	0.945	8.6	0.068	25.5	0.016	46.0	0.008	66.5	0.027	87.0	0.008
0.6	0.991	8.8	0.073	26.0	0.032	46.5	0.010	67.0	0.031	87.5	0.007
0.8	1.000	9.0	0.073	26.5	0.037	47.0	0.015	67.5	0.036	88.0	0.005
1.0	0.972	9.2	0.067	27.0	0.028	47.5	0.016	68.0	0.040	88.5	0.003
1.2	0.910	9.4	0.059	27.5	0.013	48.0	0.015	68.5	0.042	89.0	0.002
1.4	0.820	9.6	0.051	28.0	0.016	48.5	0.020	69.0	0.041	89.5	0.001
1.6	0.708	9.8	0.049	28.5	0.024	49.0	0.032	69.5	0.038	90.0	0.000
1.8	0.584	10.0	0.055	29.0	0.022	49.5	0.044	70.0	0.033		
2.0	0.458	10.2	0.065	29.5	0.022	50.0	0.050	70.5	0.027		
2.2	0.343	10.4	0.075	30.0	0.033	50.5	0.048	71.0	0.021		

Remarks: