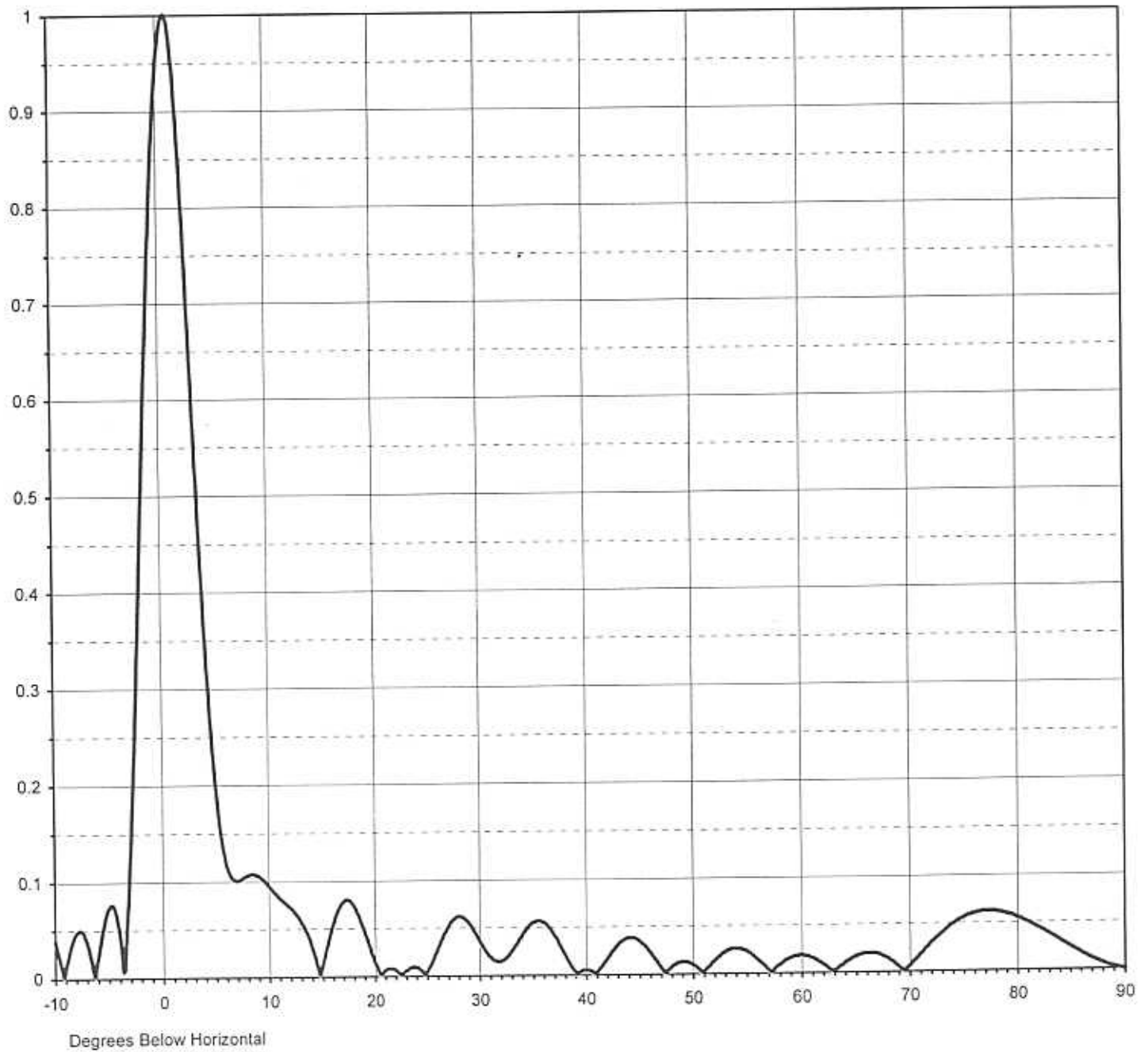


Date 10-Jun-99
Call Letters
Location
Customer
Antenna Type TFU-18GTH

Channe 24

ELEVATION PATTERN

RMS Gain at Main Lobe	16.0 (12.04 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	14.3 (11.55 dB)	Frequency	533.00 MHz
Calculated / Measured	Calculated	Drawing #	18G160075-90



Date **10-Jun-99**
 Call Letters Channel **24**
 Location
 Customer
 Antenna Type **TFU-18GTH**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **8G160075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.037	2.4	0.773	10.6	0.087	30.5	0.027	51.0	0.000	71.5	0.024
-9.5	0.015	2.6	0.724	10.8	0.085	31.0	0.019	51.5	0.006	72.0	0.030
-9.0	0.009	2.8	0.673	11.0	0.082	31.5	0.015	52.0	0.012	72.5	0.035
-8.5	0.032	3.0	0.621	11.5	0.077	32.0	0.014	52.5	0.017	73.0	0.040
-8.0	0.046	3.2	0.569	12.0	0.072	32.5	0.017	53.0	0.021	73.5	0.045
-7.5	0.048	3.4	0.518	12.5	0.066	33.0	0.023	53.5	0.024	74.0	0.049
-7.0	0.036	3.6	0.468	13.0	0.058	33.5	0.031	54.0	0.025	74.5	0.053
-6.5	0.011	3.8	0.420	13.5	0.047	34.0	0.040	54.5	0.025	75.0	0.056
-6.0	0.021	4.0	0.374	14.0	0.032	34.5	0.048	55.0	0.023	75.5	0.058
-5.5	0.052	4.2	0.332	14.5	0.013	35.0	0.054	55.5	0.019	76.0	0.060
-5.0	0.072	4.4	0.293	15.0	0.008	35.5	0.056	56.0	0.014	76.5	0.061
-4.5	0.072	4.6	0.258	15.5	0.030	36.0	0.054	56.5	0.009	77.0	0.062
-4.0	0.041	4.8	0.226	16.0	0.050	36.5	0.049	57.0	0.003	77.5	0.062
-3.5	0.024	5.0	0.199	16.5	0.066	37.0	0.041	57.5	0.002	78.0	0.061
-3.0	0.125	5.2	0.175	17.0	0.076	37.5	0.031	58.0	0.008	78.5	0.060
-2.8	0.175	5.4	0.155	17.5	0.079	38.0	0.021	58.5	0.012	79.0	0.059
-2.6	0.228	5.6	0.139	18.0	0.074	38.5	0.011	59.0	0.015	79.5	0.057
-2.4	0.286	5.8	0.126	18.5	0.063	39.0	0.003	59.5	0.017	80.0	0.055
-2.2	0.347	6.0	0.116	19.0	0.048	39.5	0.002	60.0	0.018	80.5	0.052
-2.0	0.410	6.2	0.109	19.5	0.031	40.0	0.004	60.5	0.017	81.0	0.050
-1.8	0.474	6.4	0.104	20.0	0.015	40.5	0.003	61.0	0.015	81.5	0.047
-1.6	0.538	6.6	0.101	20.5	0.003	41.0	0.001	61.5	0.012	82.0	0.044
-1.4	0.602	6.8	0.100	21.0	0.005	41.5	0.007	62.0	0.008	82.5	0.040
-1.2	0.664	7.0	0.100	21.5	0.007	42.0	0.015	62.5	0.004	83.0	0.037
-1.0	0.723	7.2	0.100	22.0	0.006	42.5	0.023	63.0	0.000	83.5	0.034
-0.8	0.779	7.4	0.101	22.5	0.001	43.0	0.029	63.5	0.005	84.0	0.030
-0.6	0.829	7.6	0.103	23.0	0.004	43.5	0.034	64.0	0.009	84.5	0.027
-0.4	0.875	7.8	0.104	23.5	0.008	44.0	0.037	64.5	0.013	85.0	0.023
-0.2	0.914	8.0	0.105	24.0	0.008	44.5	0.037	65.0	0.016	85.5	0.020
0.0	0.946	8.2	0.106	24.5	0.005	45.0	0.034	65.5	0.018	86.0	0.017
0.2	0.971	8.4	0.107	25.0	0.002	45.5	0.029	66.0	0.019	86.5	0.014
0.4	0.988	8.6	0.106	25.5	0.012	46.0	0.022	66.5	0.019	87.0	0.011
0.6	0.998	8.8	0.106	26.0	0.025	46.5	0.015	67.0	0.018	87.5	0.009
0.8	1.000	9.0	0.105	26.5	0.038	47.0	0.007	67.5	0.016	88.0	0.006
1.0	0.994	9.2	0.103	27.0	0.049	47.5	0.000	68.0	0.013	88.5	0.004
1.2	0.981	9.4	0.101	27.5	0.057	48.0	0.006	68.5	0.009	89.0	0.002
1.4	0.960	9.6	0.099	28.0	0.061	48.5	0.010	69.0	0.004	89.5	0.001
1.6	0.933	9.8	0.098	28.5	0.060	49.0	0.012	69.5	0.001	90.0	0.000
1.8	0.900	10.0	0.095	29.0	0.055	49.5	0.012	70.0	0.006		
2.0	0.862	10.2	0.092	29.5	0.046	50.0	0.009	70.5	0.012		
2.2	0.819	10.4	0.090	30.0	0.036	50.5	0.005	71.0	0.018		