



COMMUNICATION TECHNOLOGY

Date
Call Letters
Location
Customer
Antenna Type

18 Mar 2013
KHJK
La Porte, TX
EMF
DCR-M10C

Exhibit No.

Channel **279**

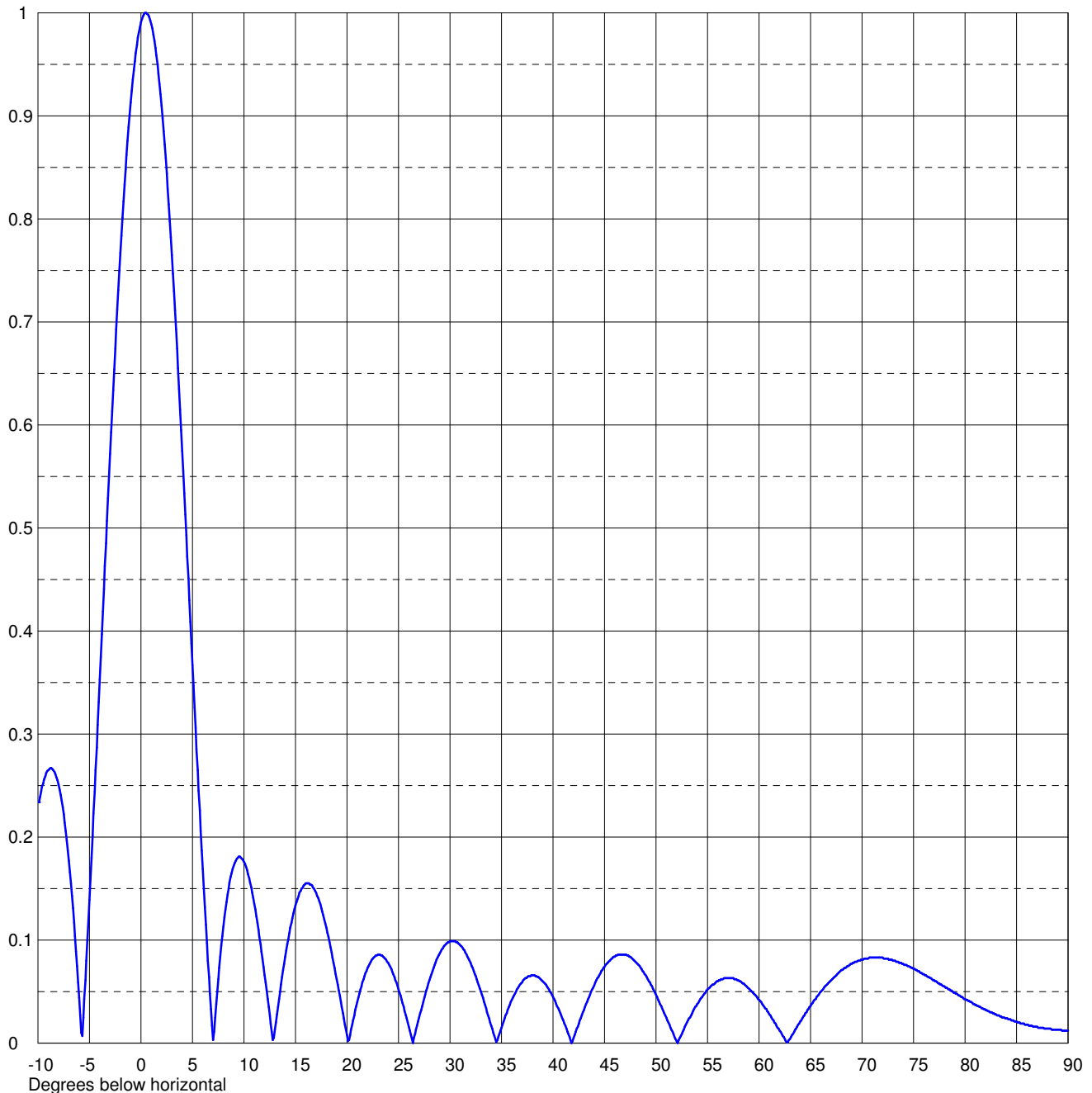
ELEVATION PATTERN

RMS Gain at Main Lobe
RMS Gain at Horizontal
Calculated / Measured

5.1 (7.08 dB)
5.0 (6.99 dB)
Calculated

Beam Tilt
Frequency
Drawing #

0.50 Degrees
103.70 MHz
FC10M9000102050-90



Remarks:



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TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **FC10M9000102050-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.229	2.4	0.859	10.6	0.156	30.5	0.099	51.0	0.025	71.5	0.083
-9.5	0.252	2.6	0.829	10.8	0.146	31.0	0.095	51.5	0.013	72.0	0.083
-9.0	0.265	2.8	0.798	11.0	0.135	31.5	0.088	52.0	0.002	72.5	0.082
-8.5	0.265	3.0	0.765	11.5	0.103	32.0	0.078	52.5	0.009	73.0	0.080
-8.0	0.251	3.2	0.730	12.0	0.066	32.5	0.065	53.0	0.020	73.5	0.079
-7.5	0.222	3.4	0.693	12.5	0.027	33.0	0.050	53.5	0.029	74.0	0.077
-7.0	0.177	3.6	0.655	13.0	0.013	33.5	0.034	54.0	0.038	74.5	0.075
-6.5	0.117	3.8	0.615	13.5	0.050	34.0	0.017	54.5	0.045	75.0	0.072
-6.0	0.044	4.0	0.575	14.0	0.084	34.5	0.001	55.0	0.052	75.5	0.070
-5.5	0.043	4.2	0.534	14.5	0.112	35.0	0.015	55.5	0.057	76.0	0.067
-5.0	0.139	4.4	0.493	15.0	0.134	35.5	0.029	56.0	0.060	76.5	0.064
-4.5	0.244	4.6	0.451	15.5	0.148	36.0	0.042	56.5	0.062	77.0	0.061
-4.0	0.353	4.8	0.409	16.0	0.155	36.5	0.052	57.0	0.063	77.5	0.058
-3.5	0.463	5.0	0.367	16.5	0.154	37.0	0.059	57.5	0.063	78.0	0.055
-3.0	0.572	5.2	0.326	17.0	0.146	37.5	0.064	58.0	0.061	78.5	0.052
-2.8	0.613	5.4	0.285	17.5	0.131	38.0	0.066	58.5	0.058	79.0	0.049
-2.6	0.654	5.6	0.245	18.0	0.112	38.5	0.064	59.0	0.053	79.5	0.046
-2.4	0.693	5.8	0.206	18.5	0.088	39.0	0.060	59.5	0.048	80.0	0.043
-2.2	0.731	6.0	0.169	19.0	0.062	39.5	0.054	60.0	0.042	80.5	0.040
-2.0	0.767	6.2	0.132	19.5	0.035	40.0	0.045	60.5	0.035	81.0	0.037
-1.8	0.801	6.4	0.097	20.0	0.008	40.5	0.034	61.0	0.028	81.5	0.035
-1.6	0.833	6.6	0.064	20.5	0.018	41.0	0.022	61.5	0.020	82.0	0.032
-1.4	0.862	6.8	0.033	21.0	0.040	41.5	0.009	62.0	0.012	82.5	0.030
-1.2	0.889	7.0	0.003	21.5	0.059	42.0	0.005	62.5	0.004	83.0	0.028
-1.0	0.913	7.2	0.025	22.0	0.073	42.5	0.019	63.0	0.004	83.5	0.026
-0.8	0.935	7.4	0.050	22.5	0.082	43.0	0.032	63.5	0.013	84.0	0.024
-0.6	0.953	7.6	0.073	23.0	0.086	43.5	0.045	64.0	0.021	84.5	0.022
-0.4	0.969	7.8	0.095	23.5	0.084	44.0	0.056	64.5	0.029	85.0	0.021
-0.2	0.981	8.0	0.113	24.0	0.078	44.5	0.066	65.0	0.036	85.5	0.019
0.0	0.991	8.2	0.130	24.5	0.067	45.0	0.074	65.5	0.043	86.0	0.018
0.2	0.997	8.4	0.144	25.0	0.052	45.5	0.080	66.0	0.050	86.5	0.017
0.4	1.000	8.6	0.156	25.5	0.035	46.0	0.084	66.5	0.056	87.0	0.016
0.6	0.999	8.8	0.165	26.0	0.016	46.5	0.086	67.0	0.061	87.5	0.015
0.8	0.996	9.0	0.172	26.5	0.005	47.0	0.086	67.5	0.066	88.0	0.014
1.0	0.989	9.2	0.177	27.0	0.025	47.5	0.084	68.0	0.071	88.5	0.013
1.2	0.979	9.4	0.180	27.5	0.044	48.0	0.079	68.5	0.074	89.0	0.013
1.4	0.966	9.6	0.181	28.0	0.061	48.5	0.073	69.0	0.077	89.5	0.012
1.6	0.950	9.8	0.179	28.5	0.076	49.0	0.066	69.5	0.079	90.0	0.012
1.8	0.931	10.0	0.176	29.0	0.087	49.5	0.057	70.0	0.081		
2.0	0.910	10.2	0.171	29.5	0.095	50.0	0.047	70.5	0.082		
2.2	0.885	10.4	0.164	30.0	0.099	50.5	0.036	71.0	0.083		

Remarks: