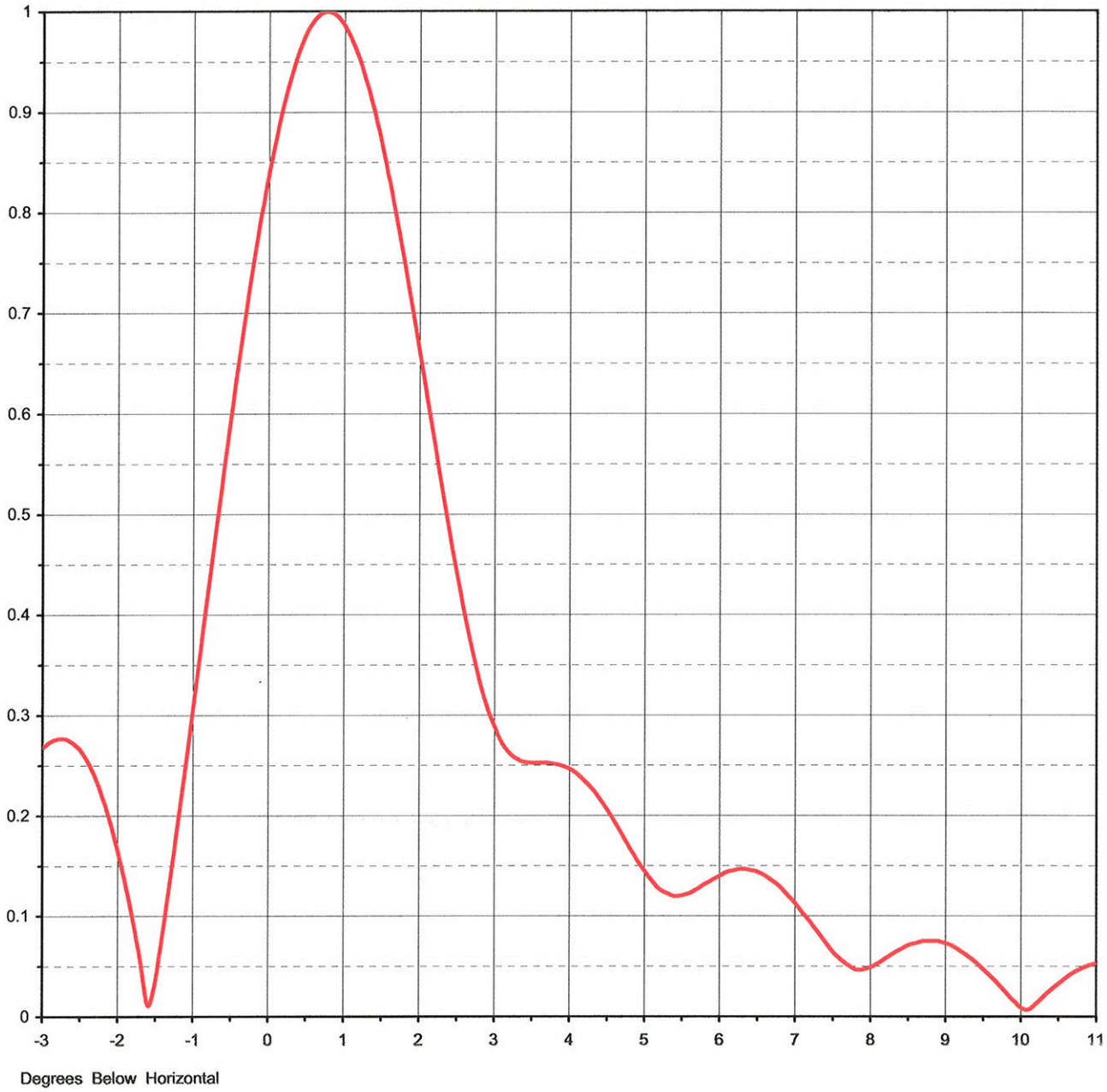
Dielectric

Proposal Number	**C-03642**		
Date	**23-Jul-09**		
Call Letters	**WLPB-DT**	Channel	**25**
Location	**Baton Rouge, LA**		
Customer			
Antenna Type	**TFU-24JTH-R C190**		

ELEVATION PATTERN

RMS Gain at Main Lobe	**22.50 (13.52 dB)**	Beam Tilt	**0.75 deg**
RMS Gain at Horizontal	**15.90 (12.01 dB)**	Frequency	**539.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**24J225075**



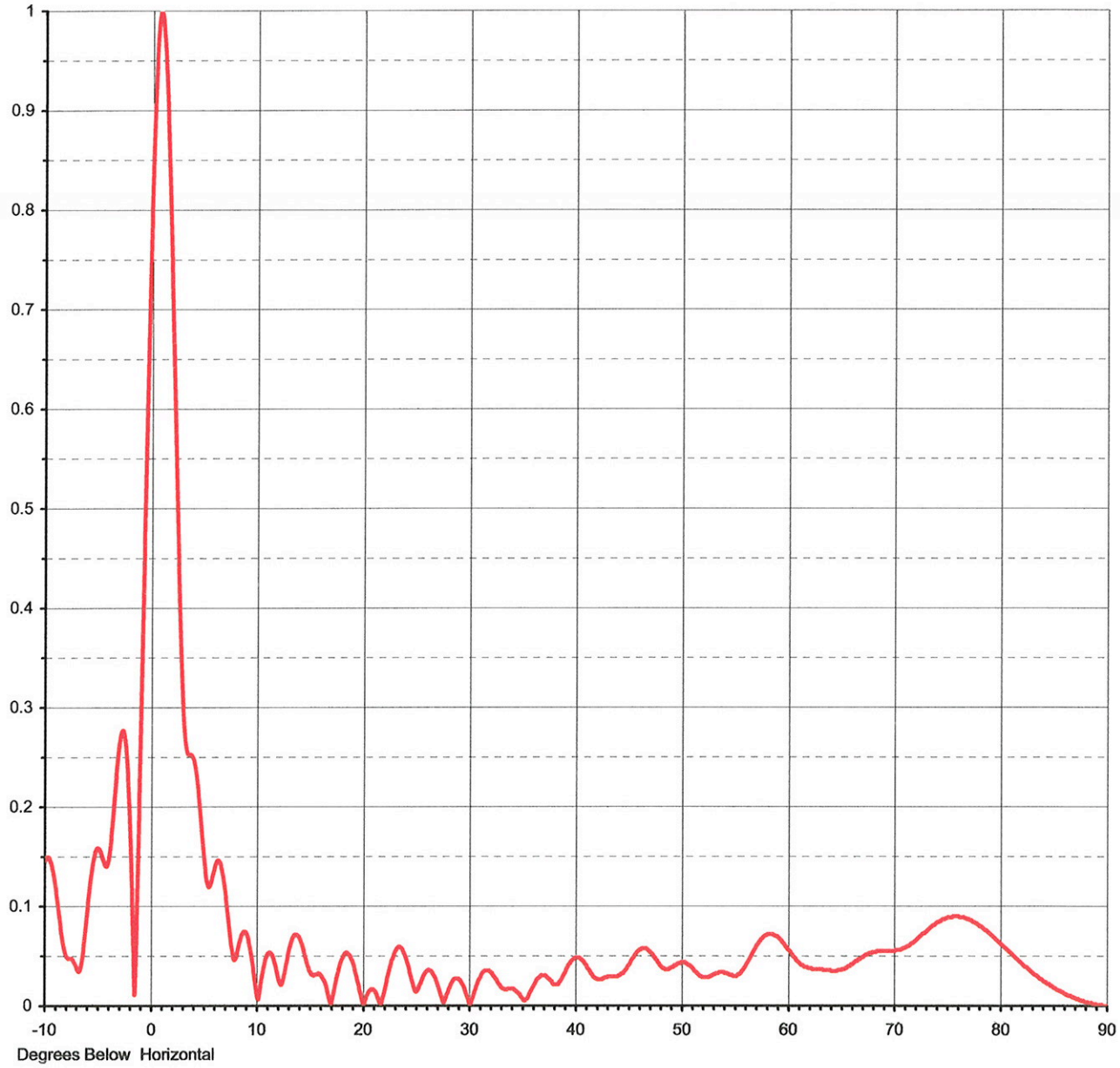
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Dielectric

Proposal Number	**C-03642**
Date	**23-Jul-09**
Call Letters	**WLPB-DT** Channel **25**
Location	**Baton Rouge, LA**
Customer	
Antenna Type	**TFU-24JTH-R C190**

ELEVATION PATTERN

RMS Gain at Main Lobe	**22.50 (13.52 dB)**	Beam Tilt	**0.75 deg**
RMS Gain at Horizontal	**15.90 (12.01 dB)**	Frequency	**539.00 MHz**
Calculated / Measured	**Calculated**	Drawing #	**24J225075-90**



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Dielectric

Proposal Number	**C-03642**		
Date	**23-Jul-09**		
Call Letters	**WLPB-DT**	Channel	**25**
Location	**Baton Rouge, LA**		
Customer			
Antenna Type	**TFU-24JTH-R C190**		

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **24J225075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.146	2.4	0.481	10.6	0.033	30.5	0.014	51.0	0.039	71.5	0.062
-9.5	0.146	2.6	0.401	10.8	0.044	31.0	0.028	51.5	0.033	72.0	0.066
-9.0	0.118	2.8	0.335	11.0	0.051	31.5	0.036	52.0	0.029	72.5	0.071
-8.5	0.076	3.0	0.289	11.5	0.052	32.0	0.035	52.5	0.029	73.0	0.075
-8.0	0.050	3.2	0.263	12.0	0.032	32.5	0.028	53.0	0.031	73.5	0.080
-7.5	0.048	3.4	0.254	12.5	0.025	33.0	0.020	53.5	0.033	74.0	0.084
-7.0	0.038	3.6	0.253	13.0	0.052	33.5	0.017	54.0	0.034	74.5	0.087
-6.5	0.046	3.8	0.252	13.5	0.070	34.0	0.018	54.5	0.032	75.0	0.089
-6.0	0.096	4.0	0.247	14.0	0.070	34.5	0.015	55.0	0.030	75.5	0.090
-5.5	0.143	4.2	0.235	14.5	0.054	35.0	0.009	55.5	0.032	76.0	0.090
-5.0	0.159	4.4	0.217	15.0	0.036	35.5	0.008	56.0	0.039	76.5	0.089
-4.5	0.146	4.6	0.194	15.5	0.032	36.0	0.019	56.5	0.049	77.0	0.087
-4.0	0.149	4.8	0.168	16.0	0.032	36.5	0.028	57.0	0.059	77.5	0.084
-3.5	0.209	5.0	0.145	16.5	0.022	37.0	0.031	57.5	0.067	78.0	0.080
-3.0	0.268	5.2	0.127	17.0	0.002	37.5	0.028	58.0	0.071	78.5	0.076
-2.8	0.277	5.4	0.120	17.5	0.027	38.0	0.022	58.5	0.072	79.0	0.072
-2.6	0.273	5.6	0.123	18.0	0.047	38.5	0.024	59.0	0.070	79.5	0.067
-2.4	0.254	5.8	0.132	18.5	0.054	39.0	0.033	59.5	0.064	80.0	0.062
-2.2	0.218	6.0	0.140	19.0	0.046	39.5	0.043	60.0	0.057	80.5	0.057
-2.0	0.165	6.2	0.146	19.5	0.026	40.0	0.049	60.5	0.050	81.0	0.052
-1.8	0.096	6.4	0.146	20.0	0.004	40.5	0.048	61.0	0.044	81.5	0.047
-1.6	0.012	6.6	0.140	20.5	0.013	41.0	0.042	61.5	0.040	82.0	0.042
-1.4	0.086	6.8	0.129	21.0	0.017	41.5	0.033	62.0	0.038	82.5	0.038
-1.2	0.194	7.0	0.113	21.5	0.007	42.0	0.028	62.5	0.037	83.0	0.033
-1.0	0.309	7.2	0.094	22.0	0.013	42.5	0.027	63.0	0.037	83.5	0.029
-0.8	0.426	7.4	0.074	22.5	0.037	43.0	0.029	63.5	0.036	84.0	0.025
-0.6	0.542	7.6	0.057	23.0	0.054	43.5	0.030	64.0	0.036	84.5	0.022
-0.4	0.653	7.8	0.047	23.5	0.060	44.0	0.030	64.5	0.035	85.0	0.018
-0.2	0.754	8.0	0.049	24.0	0.051	44.5	0.033	65.0	0.037	85.5	0.015
0.0	0.841	8.2	0.058	24.5	0.032	45.0	0.041	65.5	0.039	86.0	0.012
0.2	0.911	8.4	0.067	25.0	0.015	45.5	0.049	66.0	0.042	86.5	0.010
0.4	0.962	8.6	0.073	25.5	0.024	46.0	0.056	66.5	0.046	87.0	0.008
0.6	0.992	8.8	0.075	26.0	0.035	46.5	0.058	67.0	0.049	87.5	0.006
0.8	1.000	9.0	0.073	26.5	0.035	47.0	0.055	67.5	0.052	88.0	0.004
1.0	0.986	9.2	0.065	27.0	0.023	47.5	0.049	68.0	0.054	88.5	0.003
1.2	0.952	9.4	0.054	27.5	0.007	48.0	0.041	68.5	0.055	89.0	0.001
1.4	0.899	9.6	0.040	28.0	0.014	48.5	0.037	69.0	0.055	89.5	0.001
1.6	0.830	9.8	0.032	28.5	0.026	49.0	0.038	69.5	0.055	90.0	0.000
1.8	0.749	10.0	0.016	29.0	0.028	49.5	0.041	70.0	0.055		
2.0	0.661	10.2	0.007	29.5	0.020	50.0	0.044	70.5	0.056		
2.2	0.570	10.4	0.020	30.0	0.004	50.5	0.043	71.0	0.059		

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