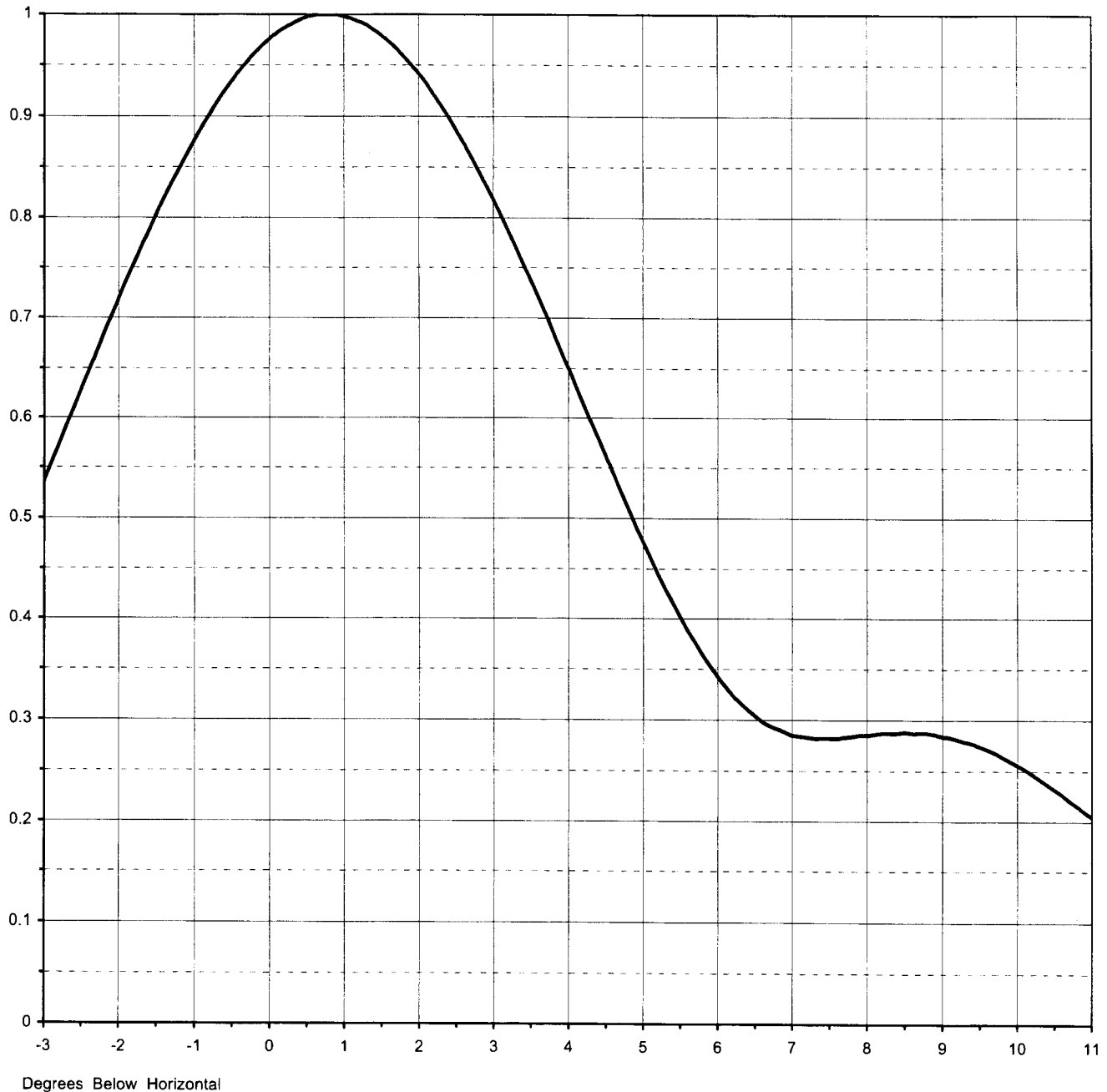


Proposal Number	C-01983		
Date	26-Sep-07		
Call Letters	KDSE_DT	Channel	9
Location	Dickinson, ND		
Customer	Prairie Pulic		
Antenna Type	TW-9B9-R		

ELEVATION PATTERN

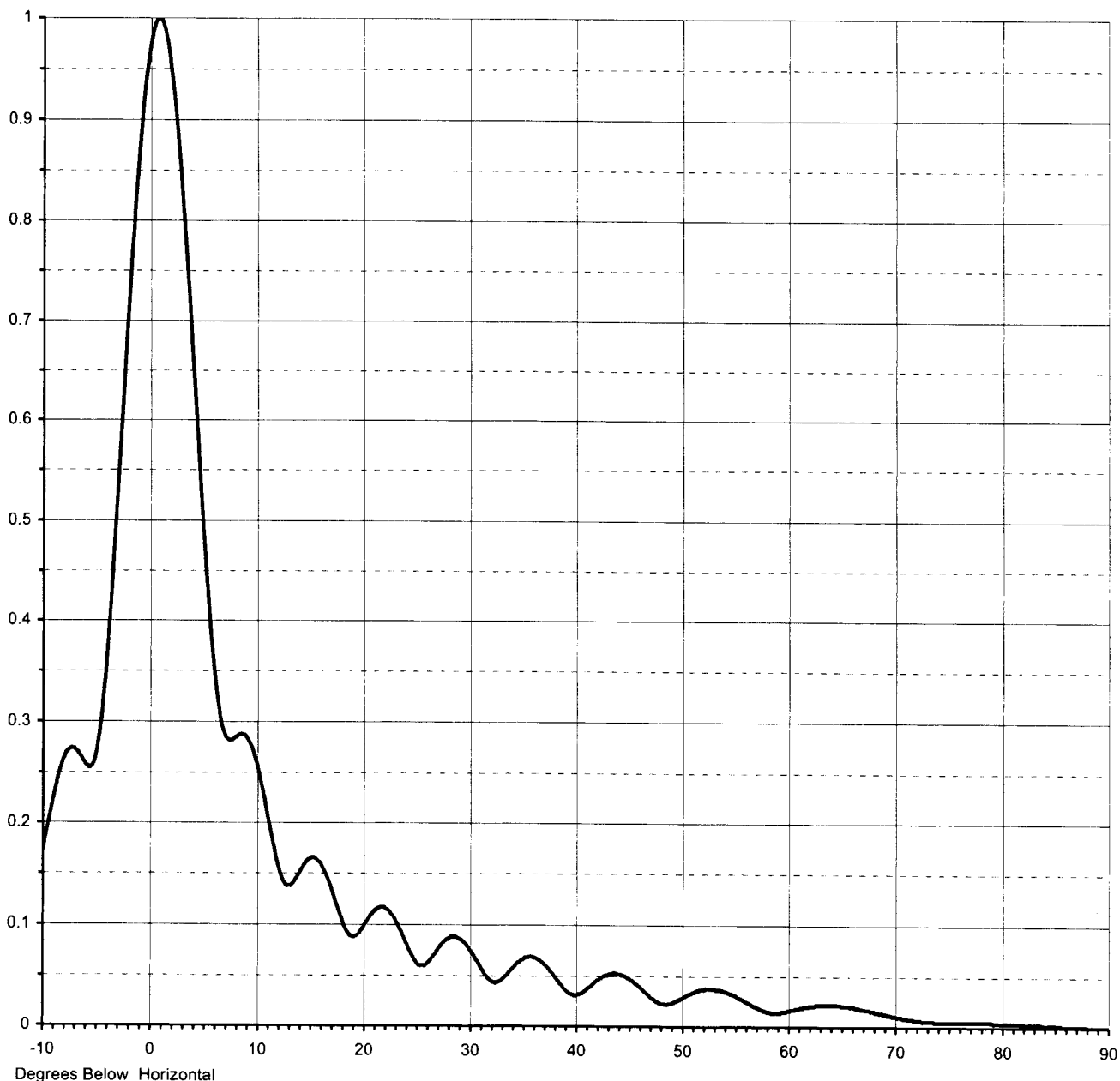
RMS Gain at Main Lobe	9.00	(9.54 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	8.60	(9.34 dB)	Frequency	189.00 MHz
Calculated / Measured	Calculated		Drawing #	19W090075



Proposal Number	C-01983		
Date	26-Sep-07		
Call Letters	KDSE_DT	Channel	9
Location	Dickinson, ND		
Customer	Prairie Pulic		
Antenna Type	TW-9B9-R		

ELEVATION PATTERN

RMS Gain at Main Lobe	9.00	(9.54 dB)	Beam Tilt	0.75 deg
RMS Gain at Horizontal	8.60	(9.34 dB)	Frequency	189.00 MHz
Calculated / Measured	Calculated		Drawing #	19W090075-90





Proposal Number **C-01983**
Date **26-Sep-07**
Call Letters **KDSE_DT** Channel **9**
Location **Dickinson, ND**
Customer **Prairie Pulic**
Antenna Type **TW-9B9-R**

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	0.232	30.5	0.068	51.0	0.034	71.5	0.008
-9.5	0.200	2.6	0.875	10.8	0.221	31.0	0.059	51.5	0.036	72.0	0.007
-9.0	0.226	2.8	0.847	11.0	0.210	31.5	0.051	52.0	0.037	72.5	0.006
-8.5	0.249	3.0	0.818	11.5	0.183	32.0	0.045	52.5	0.038	73.0	0.006
-8.0	0.265	3.2	0.787	12.0	0.159	32.5	0.044	53.0	0.038	73.5	0.006
-7.5	0.273	3.4	0.754	12.5	0.143	33.0	0.046	53.5	0.037	74.0	0.005
-7.0	0.273	3.6	0.721	13.0	0.138	33.5	0.051	54.0	0.035	74.5	0.005
-6.5	0.267	3.8	0.686	13.5	0.141	34.0	0.057	54.5	0.033	75.0	0.005
-6.0	0.258	4.0	0.651	14.0	0.150	34.5	0.063	55.0	0.031	75.5	0.005
-5.5	0.256	4.2	0.615	14.5	0.159	35.0	0.066	55.5	0.028	76.0	0.005
-5.0	0.270	4.4	0.580	15.0	0.164	35.5	0.068	56.0	0.025	76.5	0.005
-4.5	0.308	4.6	0.545	15.5	0.165	36.0	0.068	56.5	0.022	77.0	0.005
-4.0	0.369	4.8	0.510	16.0	0.160	36.5	0.066	57.0	0.020	77.5	0.005
-3.5	0.448	5.0	0.477	16.5	0.150	37.0	0.062	57.5	0.017	78.0	0.005
-3.0	0.536	5.2	0.445	17.0	0.136	37.5	0.057	58.0	0.015	78.5	0.005
-2.8	0.573	5.4	0.416	17.5	0.120	38.0	0.050	58.5	0.014	79.0	0.005
-2.6	0.610	5.6	0.388	18.0	0.105	38.5	0.043	59.0	0.014	79.5	0.004
-2.4	0.647	5.8	0.364	18.5	0.093	39.0	0.037	59.5	0.015	80.0	0.004
-2.2	0.684	6.0	0.343	19.0	0.088	39.5	0.033	60.0	0.016	80.5	0.004
-2.0	0.719	6.2	0.324	19.5	0.090	40.0	0.031	60.5	0.017	81.0	0.004
-1.8	0.754	6.4	0.310	20.0	0.097	40.5	0.033	61.0	0.018	81.5	0.004
-1.6	0.787	6.6	0.298	20.5	0.106	41.0	0.037	61.5	0.020	82.0	0.003
-1.4	0.819	6.8	0.291	21.0	0.112	41.5	0.041	62.0	0.021	82.5	0.003
-1.2	0.848	7.0	0.285	21.5	0.116	42.0	0.046	62.5	0.021	83.0	0.003
-1.0	0.876	7.2	0.283	22.0	0.117	42.5	0.049	63.0	0.022	83.5	0.003
-0.8	0.901	7.4	0.282	22.5	0.113	43.0	0.051	63.5	0.022	84.0	0.002
-0.6	0.924	7.6	0.282	23.0	0.105	43.5	0.053	64.0	0.022	84.5	0.002
-0.4	0.944	7.8	0.284	23.5	0.095	44.0	0.052	64.5	0.022	85.0	0.002
-0.2	0.961	8.0	0.285	24.0	0.083	44.5	0.051	65.0	0.021	85.5	0.002
0.0	0.975	8.2	0.287	24.5	0.072	45.0	0.048	65.5	0.021	86.0	0.001
0.2	0.986	8.4	0.287	25.0	0.063	45.5	0.044	66.0	0.020	86.5	0.001
0.4	0.994	8.6	0.287	25.5	0.060	46.0	0.040	66.5	0.019	87.0	0.001
0.6	0.999	8.8	0.287	26.0	0.062	46.5	0.035	67.0	0.018	87.5	0.001
0.8	1.000	9.0	0.284	26.5	0.068	47.0	0.030	67.5	0.017	88.0	0.000
1.0	0.998	9.2	0.281	27.0	0.075	47.5	0.026	68.0	0.015	88.5	0.000
1.2	0.993	9.4	0.277	27.5	0.082	48.0	0.023	68.5	0.014	89.0	0.000
1.4	0.985	9.6	0.271	28.0	0.086	48.5	0.022	69.0	0.013	89.5	0.000
1.6	0.974	9.8	0.268	28.5	0.088	49.0	0.023	69.5	0.012	90.0	0.000
1.8	0.959	10.0	0.260	29.0	0.087	49.5	0.026	70.0	0.011		
2.0	0.942	10.2	0.252	29.5	0.083	50.0	0.028	70.5	0.010		
2.2	0.922	10.4	0.242	30.0	0.076	50.5	0.031	71.0	0.009		

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