

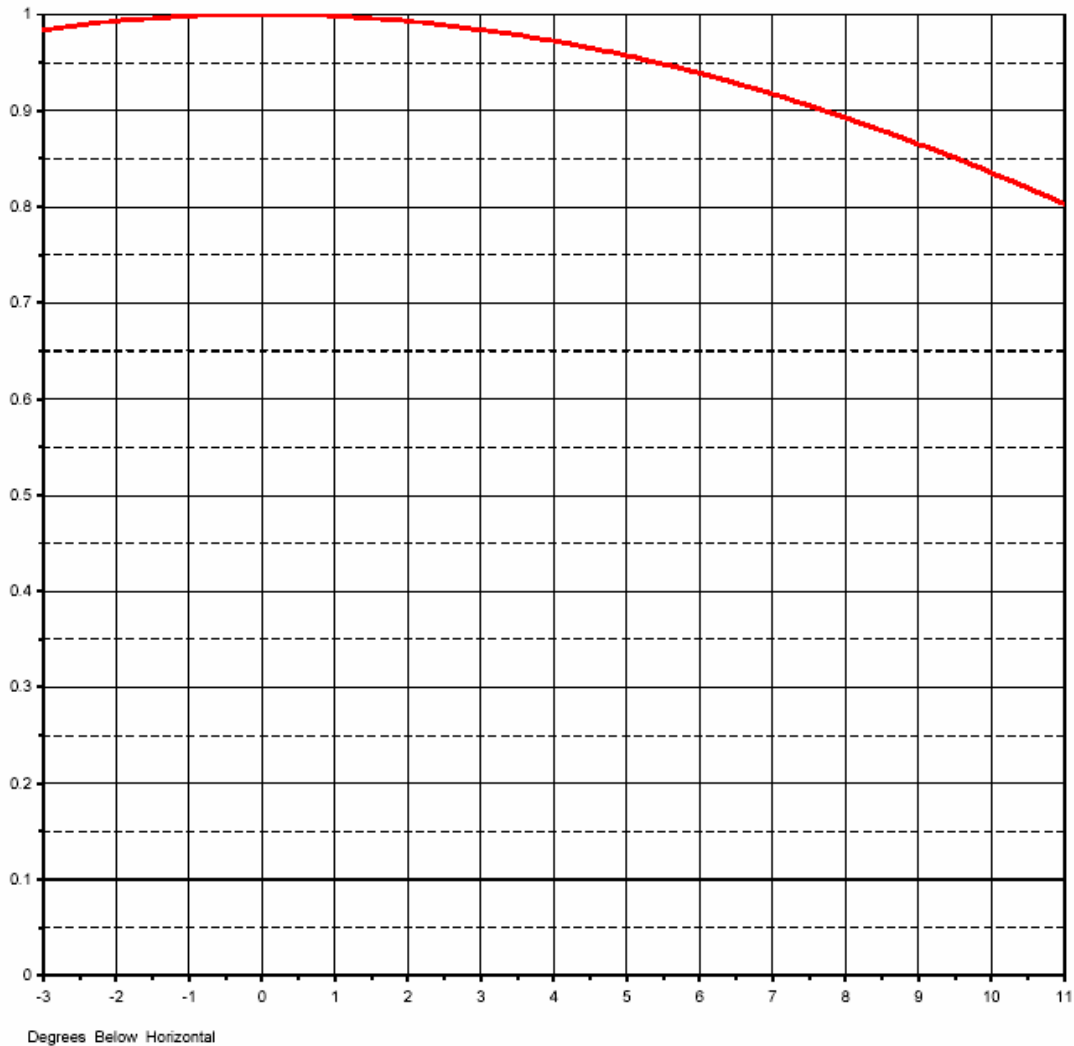


Proposal Number **DCA-10509**
Date **16-Mar-04**
Call Letters
Location **Santa Fe, NM**
Customer
Antenna Type **TLS-V2-R**

Channel **9**

ELEVATION PATTERN

RMS Gain at Main Lobe	2.10	(3.22 dB)	Beam Tilt	0.00 deg
RMS Gain at Horizontal	2.10	(3.22 dB)	Frequency	189.00 MHz
Calculated / Measured	Calculated		Drawing #	02S021000



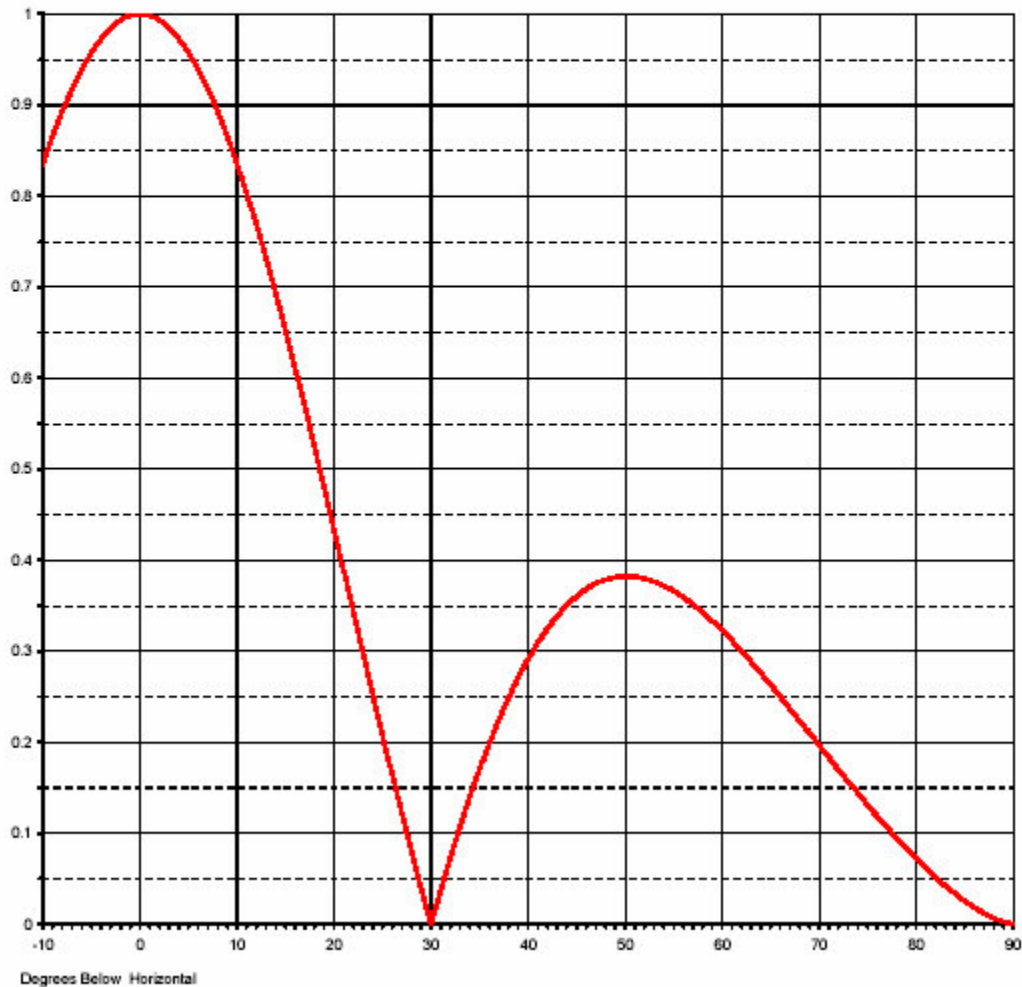


Proposal Number **DCA-10509**
Date **16-Mar-04**
Call Letters
Location **Santa Fe, NM**
Customer
Antenna Type **TLS-V2-R**

Channel **9**

ELEVATION PATTERN

RMS Gain at Main Lobe	2.10	(3.22 dB)	Beam Tilt	0.00 deg
RMS Gain at Horizontal	2.10	(3.22 dB)	Frequency	189.00 MHz
Calculated / Measured	Calculated		Drawing #	02S021000-90





Proposal Number **DCA-10509**
 Date **16-Mar-04**
 Call Letters **Channel 9**
 Location **Santa Fe, NM**
 Customer
 Antenna Type **TLS-V2-R**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **02S021000-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.835	2.4	0.990	10.6	0.820	30.5	0.015	51.0	0.382	71.5	0.176
-9.5	0.851	2.6	0.988	10.8	0.813	31.0	0.034	51.5	0.381	72.0	0.170
-9.0	0.865	2.8	0.986	11.0	0.806	31.5	0.052	52.0	0.380	72.5	0.163
-8.5	0.879	3.0	0.984	11.5	0.789	32.0	0.070	52.5	0.379	73.0	0.157
-8.0	0.893	3.2	0.982	12.0	0.772	32.5	0.087	53.0	0.377	73.5	0.150
-7.5	0.905	3.4	0.980	12.5	0.754	33.0	0.104	53.5	0.375	74.0	0.144
-7.0	0.917	3.6	0.978	13.0	0.735	33.5	0.120	54.0	0.372	74.5	0.137
-6.5	0.928	3.8	0.975	13.5	0.716	34.0	0.136	54.5	0.370	75.0	0.131
-6.0	0.939	4.0	0.973	14.0	0.697	34.5	0.152	55.0	0.367	75.5	0.125
-5.5	0.948	4.2	0.970	14.5	0.677	35.0	0.167	55.5	0.364	76.0	0.118
-5.0	0.957	4.4	0.967	15.0	0.657	35.5	0.181	56.0	0.360	76.5	0.112
-4.5	0.965	4.6	0.964	15.5	0.636	36.0	0.195	56.5	0.356	77.0	0.106
-4.0	0.973	4.8	0.961	16.0	0.615	36.5	0.209	57.0	0.352	77.5	0.100
-3.5	0.979	5.0	0.957	16.5	0.594	37.0	0.222	57.5	0.348	78.0	0.095
-3.0	0.984	5.2	0.954	17.0	0.572	37.5	0.234	58.0	0.344	78.5	0.089
-2.8	0.986	5.4	0.950	17.5	0.550	38.0	0.246	58.5	0.339	79.0	0.083
-2.6	0.988	5.6	0.947	18.0	0.528	38.5	0.258	59.0	0.334	79.5	0.078
-2.4	0.990	5.8	0.943	18.5	0.506	39.0	0.269	59.5	0.329	80.0	0.072
-2.2	0.992	6.0	0.939	19.0	0.483	39.5	0.279	60.0	0.324	80.5	0.067
-2.0	0.993	6.2	0.935	19.5	0.461	40.0	0.289	60.5	0.318	81.0	0.062
-1.8	0.994	6.4	0.931	20.0	0.438	40.5	0.298	61.0	0.313	81.5	0.057
-1.6	0.996	6.6	0.926	20.5	0.416	41.0	0.307	61.5	0.307	82.0	0.052
-1.4	0.997	6.8	0.922	21.0	0.393	41.5	0.315	62.0	0.301	82.5	0.047
-1.2	0.998	7.0	0.917	21.5	0.370	42.0	0.323	62.5	0.295	83.0	0.043
-1.0	0.998	7.2	0.913	22.0	0.347	42.5	0.330	63.0	0.289	83.5	0.038
-0.8	0.999	7.4	0.908	22.5	0.324	43.0	0.337	63.5	0.283	84.0	0.034
-0.6	0.999	7.6	0.903	23.0	0.302	43.5	0.343	64.0	0.277	84.5	0.030
-0.4	1.000	7.8	0.898	23.5	0.279	44.0	0.349	64.5	0.269	85.0	0.026
-0.2	1.000	8.0	0.893	24.0	0.257	44.5	0.354	65.0	0.263	85.5	0.022
0.0	1.000	8.2	0.887	24.5	0.234	45.0	0.359	65.5	0.256	86.0	0.018
0.2	1.000	8.4	0.882	25.0	0.212	45.5	0.364	66.0	0.250	86.5	0.015
0.4	1.000	8.6	0.877	25.5	0.190	46.0	0.367	66.5	0.243	87.0	0.012
0.6	0.999	8.8	0.871	26.0	0.168	46.5	0.371	67.0	0.237	87.5	0.009
0.8	0.999	9.0	0.865	26.5	0.147	47.0	0.374	67.5	0.230	88.0	0.007
1.0	0.998	9.2	0.860	27.0	0.125	47.5	0.376	68.0	0.223	88.5	0.004
1.2	0.998	9.4	0.854	27.5	0.104	48.0	0.378	68.5	0.217	89.0	0.002
1.4	0.997	9.6	0.848	28.0	0.084	48.5	0.380	69.0	0.210	89.5	0.001
1.6	0.996	9.8	0.845	28.5	0.063	49.0	0.381	69.5	0.203	90.0	0.000
1.8	0.994	10.0	0.839	29.0	0.043	49.5	0.382	70.0	0.196		
2.0	0.993	10.2	0.832	29.5	0.023	50.0	0.382	70.5	0.190		
2.2	0.992	10.4	0.826	30.0	0.004	50.5	0.382	71.0	0.183		