

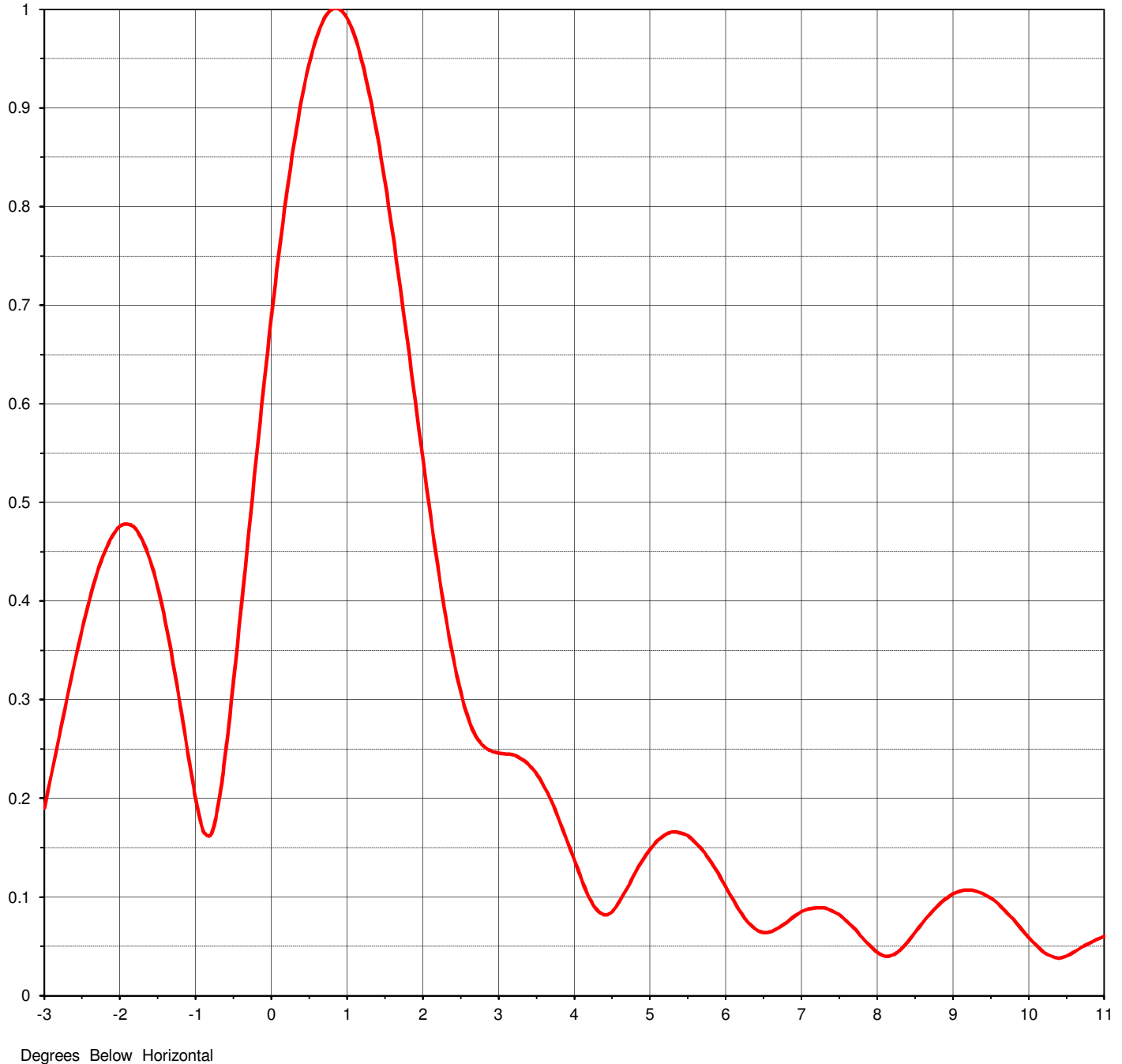


Proposal Number	<b>CS 0822</b>	
Date	<b>19-Jan-10</b>	
Call Letters		Channel <b>43</b>
Location	<b>Albany, NY</b>	
Customer		
Antenna Type	<b>TUD-O5-12/60H-1-B</b>	

## ELEVATION PATTERN

RMS Directivity at Main Lobe	<b>26.38 ( 14.21 dB )</b>
RMS Directivity at Horizontal	<b>12.50 ( 10.97 dB )</b>
Calculated / Measured	<b>Calculated</b>

Beam Tilt	<b>0.90 deg</b>
Frequency	<b>647.00 MHz</b>
Drawing #	<b>12U264090</b>

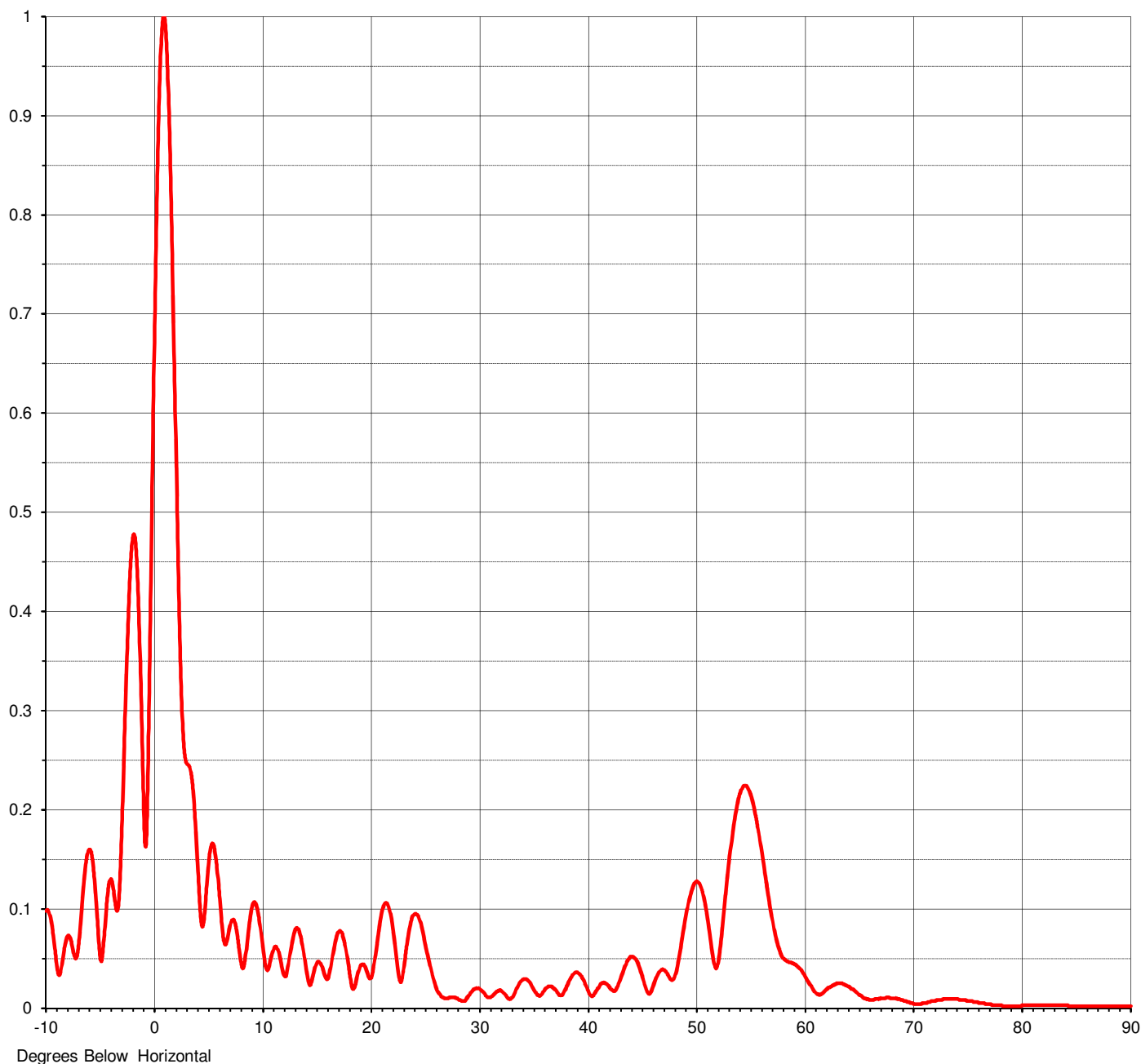




Proposal Number	CS 0822	
Date	19-Jan-10	
Call Letters		Channel 43
Location	Albany, NY	
Customer		
Antenna Type	TUD-O5-12/60H-1-B	

## ELEVATION PATTERN

RMS Directivity at Main Lobe	26.38 ( 14.21 dB )	Beam Tilt	0.90 deg
RMS Directivity at Horizontal	12.50 ( 10.97 dB )	Frequency	647.00 MHz
Calculated / Measured	Calculated	Drawing #	12U264090-90





Proposal Number **CS 0822**  
Date **19-Jan-10**  
Call Letters Channel **43**  
Location **Albany, NY**  
Customer  
Antenna Type **TUD-O5-12/60H-1-B**

## TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **12U264090-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.098	2.4	0.343	10.6	0.040	30.5	0.015	51.0	0.096	71.5	0.006
-9.5	0.085	2.6	0.281	10.8	0.049	31.0	0.011	51.5	0.058	72.0	0.007
-9.0	0.042	2.8	0.253	11.0	0.057	31.5	0.015	52.0	0.043	72.5	0.008
-8.5	0.048	3.0	0.246	11.5	0.058	32.0	0.018	52.5	0.087	73.0	0.009
-8.0	0.073	3.2	0.244	12.0	0.034	32.5	0.013	53.0	0.140	73.5	0.009
-7.5	0.058	3.4	0.234	12.5	0.049	33.0	0.010	53.5	0.185	74.0	0.009
-7.0	0.065	3.6	0.212	13.0	0.077	33.5	0.020	54.0	0.214	74.5	0.008
-6.5	0.129	3.8	0.178	13.5	0.075	34.0	0.028	54.5	0.224	75.0	0.007
-6.0	0.160	4.0	0.138	14.0	0.044	34.5	0.028	55.0	0.217	75.5	0.006
-5.5	0.123	4.2	0.099	14.5	0.024	35.0	0.020	55.5	0.195	76.0	0.005
-5.0	0.049	4.4	0.082	15.0	0.044	35.5	0.013	56.0	0.163	76.5	0.005
-4.5	0.095	4.6	0.096	15.5	0.043	36.0	0.017	56.5	0.127	77.0	0.004
-4.0	0.130	4.8	0.124	16.0	0.029	36.5	0.022	57.0	0.093	77.5	0.003
-3.5	0.098	5.0	0.148	16.5	0.052	37.0	0.019	57.5	0.066	78.0	0.003
-3.0	0.190	5.2	0.163	17.0	0.076	37.5	0.013	58.0	0.051	78.5	0.002
-2.8	0.263	5.4	0.165	17.5	0.071	38.0	0.019	58.5	0.047	79.0	0.002
-2.6	0.337	5.6	0.155	18.0	0.041	38.5	0.031	59.0	0.045	79.5	0.002
-2.4	0.402	5.8	0.136	18.5	0.020	39.0	0.036	59.5	0.041	80.0	0.003
-2.2	0.450	6.0	0.110	19.0	0.040	39.5	0.031	60.0	0.034	80.5	0.003
-2.0	0.476	6.2	0.084	19.5	0.042	40.0	0.019	60.5	0.024	81.0	0.003
-1.8	0.474	6.4	0.067	20.0	0.030	40.5	0.012	61.0	0.016	81.5	0.003
-1.6	0.441	6.6	0.065	20.5	0.057	41.0	0.020	61.5	0.014	82.0	0.003
-1.4	0.379	6.8	0.074	21.0	0.094	41.5	0.026	62.0	0.018	82.5	0.003
-1.2	0.293	7.0	0.085	21.5	0.106	42.0	0.022	62.5	0.022	83.0	0.003
-1.0	0.200	7.2	0.089	22.0	0.085	42.5	0.017	63.0	0.025	83.5	0.003
-0.8	0.163	7.4	0.086	22.5	0.042	43.0	0.028	63.5	0.025	84.0	0.003
-0.6	0.249	7.6	0.075	23.0	0.035	43.5	0.043	64.0	0.022	84.5	0.002
-0.4	0.392	7.8	0.059	23.5	0.074	44.0	0.052	64.5	0.018	85.0	0.002
-0.2	0.544	8.0	0.044	24.0	0.094	44.5	0.049	65.0	0.013	85.5	0.002
0.0	0.688	8.2	0.041	24.5	0.090	45.0	0.035	65.5	0.010	86.0	0.002
0.2	0.812	8.4	0.054	25.0	0.067	45.5	0.017	66.0	0.008	86.5	0.002
0.4	0.909	8.6	0.074	25.5	0.043	46.0	0.020	66.5	0.009	87.0	0.002
0.6	0.972	8.8	0.091	26.0	0.022	46.5	0.034	67.0	0.010	87.5	0.002
0.8	1.000	9.0	0.103	26.5	0.012	47.0	0.039	67.5	0.011	88.0	0.002
1.0	0.991	9.2	0.107	27.0	0.010	47.5	0.032	68.0	0.010	88.5	0.002
1.2	0.946	9.4	0.103	27.5	0.011	48.0	0.030	68.5	0.009	89.0	0.002
1.4	0.872	9.6	0.093	28.0	0.010	48.5	0.054	69.0	0.008	89.5	0.002
1.6	0.774	9.8	0.085	28.5	0.007	49.0	0.087	69.5	0.006	90.0	0.002
1.8	0.662	10.0	0.068	29.0	0.012	49.5	0.114	70.0	0.004		
2.0	0.545	10.2	0.051	29.5	0.019	50.0	0.127	70.5	0.004		
2.2	0.434	10.4	0.040	30.0	0.020	50.5	0.121	71.0	0.005		

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