

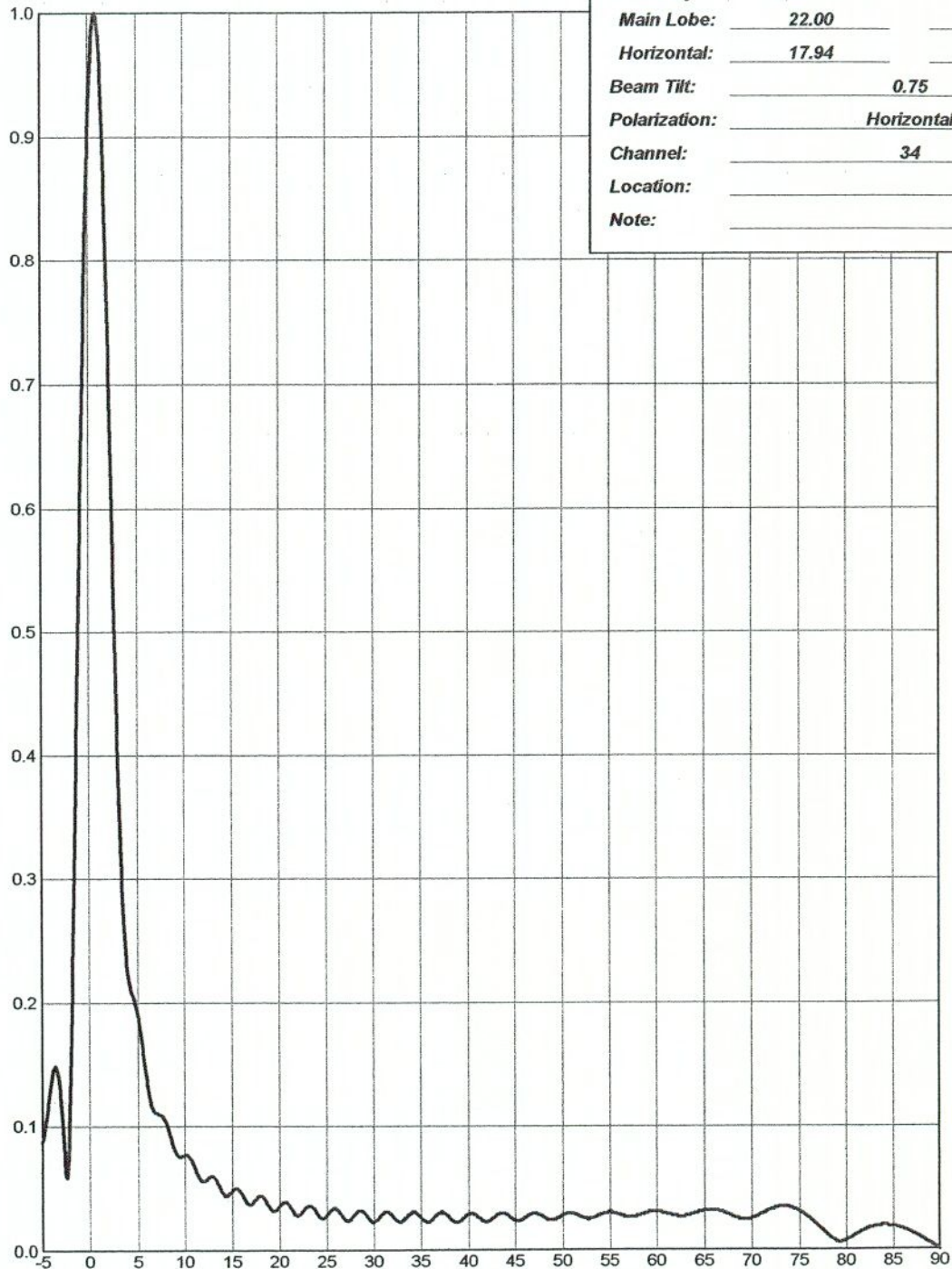


**ANDREW.**

## ELEVATION PATTERN

Type:	ATW22HS3H	
Directivity:	Numeric	dBd
Main Lobe:	22.00	13.42
Horizontal:	17.94	12.54
Beam Tilt:	0.75	
Polarization:	Horizontal	
Channel:	34	
Location:		
Note:		

Relative Field



ANDREW CORPORATION  
10500 W. 153rd Street  
Orland Park, Illinois U.S.A 60462

### EXHIBIT B-1

#### ANTENNA ELEVATION PATTERN

PROPOSED KLUJ-DT  
CHANNEL 34 - HARLINGEN, TEXAS  
[AMENDMENT TO BPEDT-19991021ABU]

SMITH AND FISHER

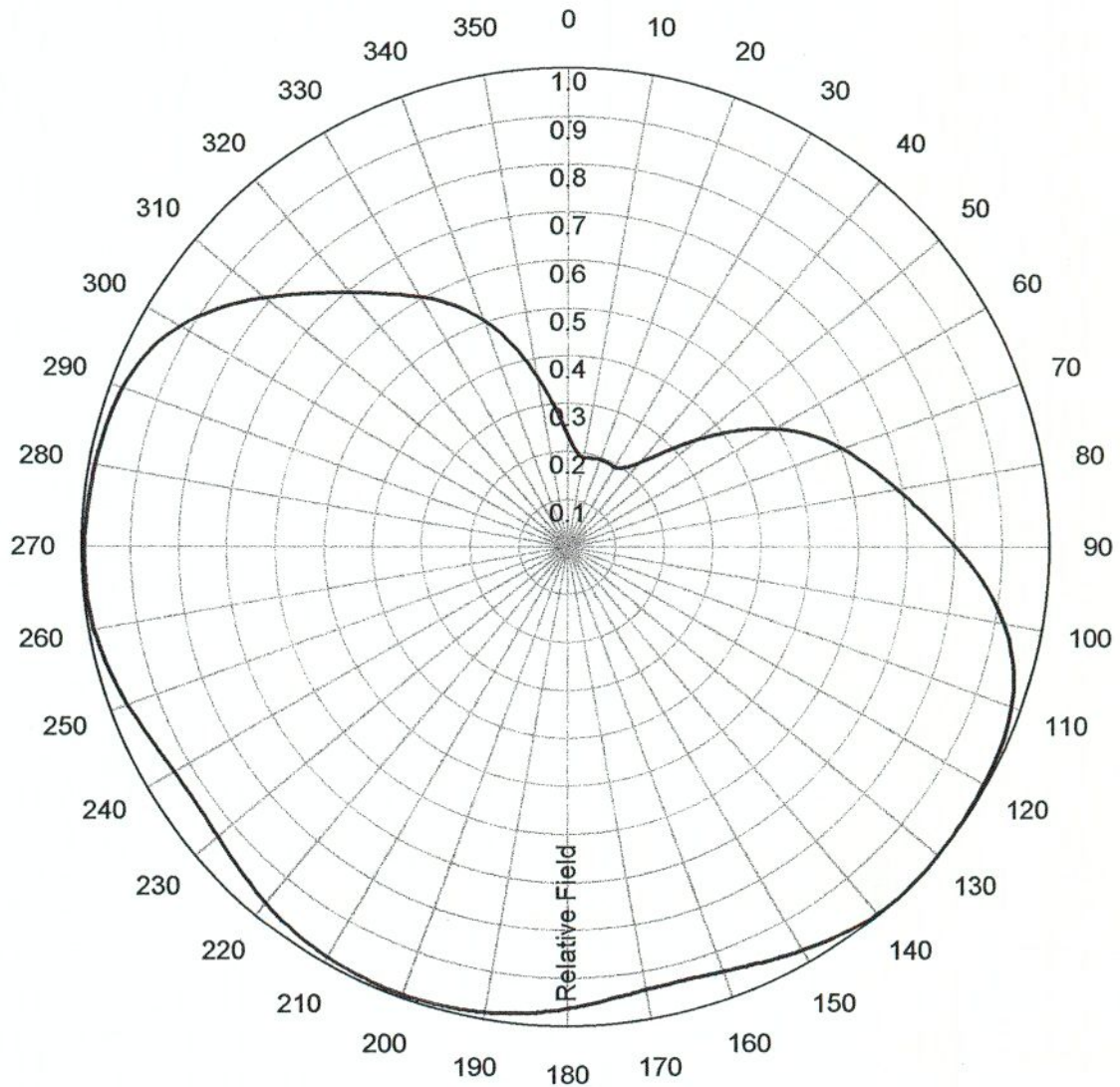


**ANDREW.**

**AZIMUTH PATTERN**

Type: ATW-C1

	Numeric	dBd
Directivity:	<u>1.52</u>	<u>1.82</u>
Peak(s) at:		
Polarization:	<u>Horizontal</u>	
Channel:	<u>34</u>	
Location:		
Note:		



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**EXHIBIT B-2**

**ANTENNA AZIMUTH PATTERN**

**PROPOSED KLUJ-DT  
CHANNEL 34 - HARLINGEN, TEXAS  
[AMENDMENT TO BPEDT-19991021ABU]**

SMITH AND FISHER





**AZIMUTH PATTERN  
FCC FILING FORMAT**

Type: ATW-C1  
Polarization: Horizontal

Angle	Field	ERP (kW)	ERP (dBk)
0	0.235	11.045	10.432
10	0.190	7.220	8.585
20	0.195	7.605	8.811
30	0.193	7.450	8.722
40	0.228	10.397	10.169
50	0.348	24.221	13.842
60	0.495	49.006	16.902
70	0.602	72.482	18.602
80	0.691	95.498	19.800
90	0.803	128.964	21.105
100	0.917	168.181	22.258
110	0.979	191.691	22.826
120	0.993	197.213	22.949
130	0.999	199.604	23.002
140	0.996	198.407	22.976
150	0.972	188.960	22.764
160	0.941	177.099	22.482
170	0.937	175.597	22.445
180	0.963	185.477	22.683
190	0.985	194.048	22.879
200	0.992	196.816	22.941
210	0.987	194.837	22.897
220	0.966	186.634	22.710
230	0.938	175.972	22.454
240	0.935	174.848	22.427
250	0.963	185.477	22.683
260	0.989	195.627	22.914
270	0.994	197.610	22.958
280	0.987	194.837	22.897
290	0.974	189.738	22.782
300	0.921	169.651	22.296
310	0.811	131.546	21.191
320	0.695	96.607	19.850
330	0.604	72.964	18.631
340	0.504	50.804	17.059
350	0.363	26.354	14.209



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**EXHIBIT B-3**

**ANTENNA RELATIVE FIELD VALUES**

**PROPOSED KLUJ-DT  
CHANNEL 34 - HARLINGEN, TEXAS  
[AMENDMENT TO BPEDT-19991021ABU]**

SMITH AND FISHER