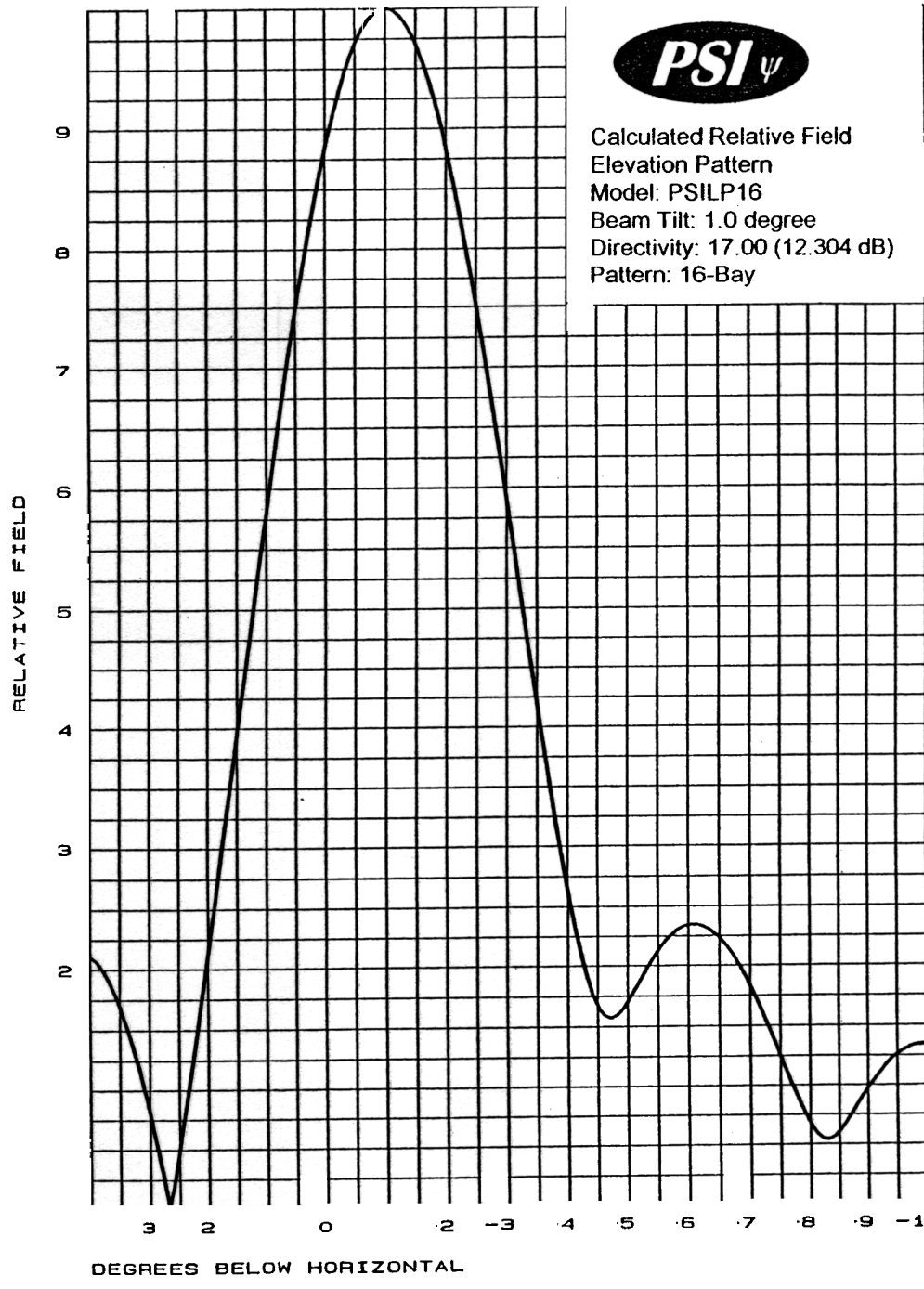


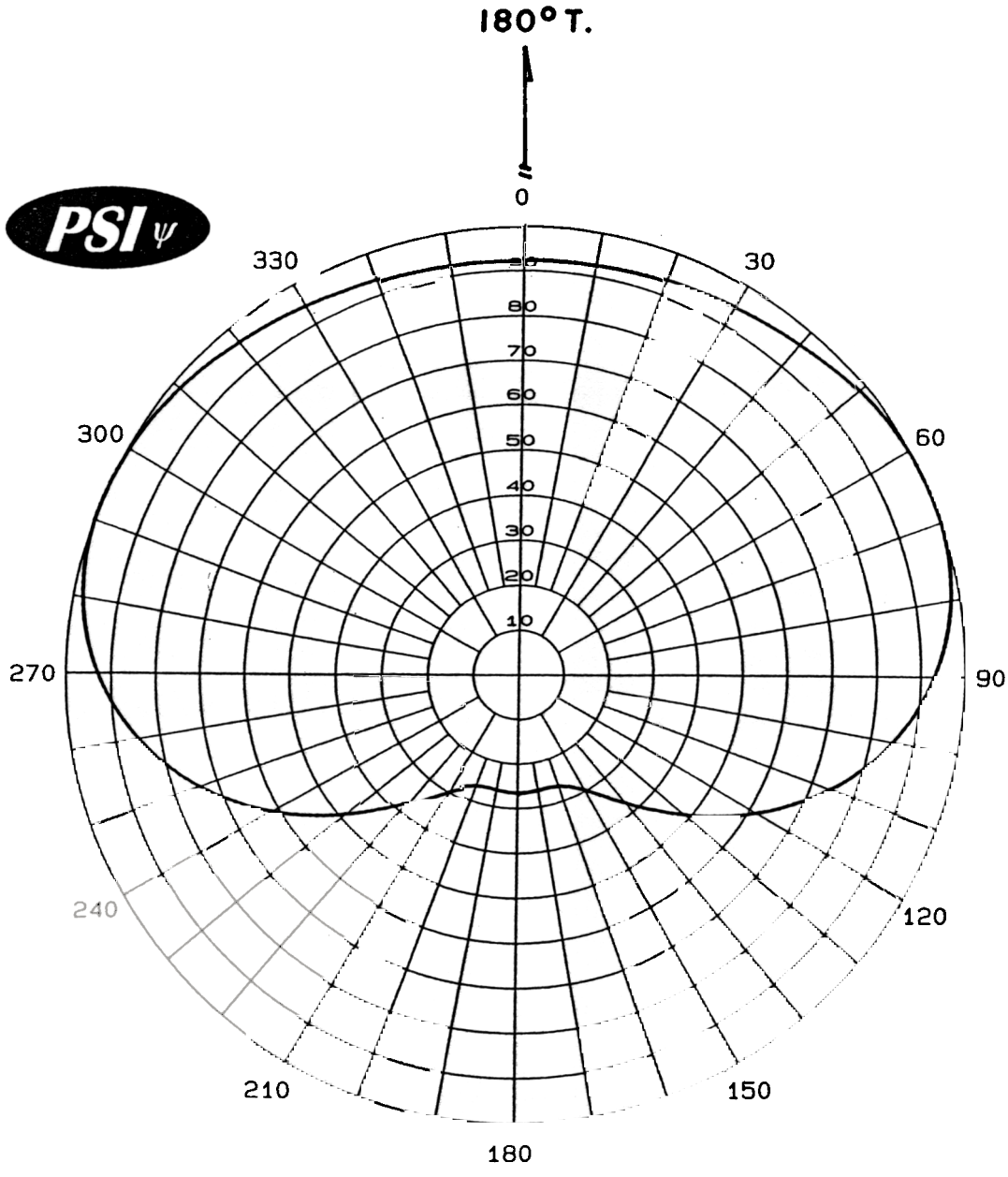
EXHIBIT B-1

ANTENNA ELEVATION PATTERN

PROPOSED WBHQ-DT
CHANNEL 39 – SUMTER, SOUTH CAROLINA

[MODIFICATION OF BMPCDT-20010524AAG]

SMITH AND FISHER



NOTE : ANTENNA WILL BE MOUNTED SUCH THAT 0° ON GRAPH WILL BE ORIENTED AT 180° T.

Calculated Relative Field
Azimuth Plane Pattern
Low Power UHF Slot
Antenna Type: PSILP
Pattern Type: EC
Directivity: 1.627 (2.114 dB)
Date: 7/1/97
Rev. 0

EXHIBIT B-2

ANTENNA AZMUTH PATTERN

PROPOSED WBHQ-DT
CHANNEL 39 – SUMTER, SOUTH CAROLINA

[MODIFICATION OF BMPCDT-20010524AAG]

SMITH AND FISHER

EXHIBIT B-3

ANTENNA RADIATION VALUES

PROPOSED WBHQ-DT
CHANNEL 39 – SUMTER, SOUTH CAROLINA

[MODIFICATION OF BMPCDT-20010524AAG]

Azimuth (° T)	Relative Field	ERP (dbk)	Azimuth (° T)	Relative Field	ERP (dbk)
0	0.26	15.3	180	0.93	26.4
10	0.26	15.3	190	0.93	26.4
20	0.26	15.3	200	0.94	26.5
30	0.30	16.5	210	0.94	26.5
40	0.38	18.6	220	0.96	26.6
50	0.49	20.8	230	0.98	26.8
60	0.62	22.8	240	1.00	27.0
70	0.74	24.4	250	1.00	27.0
80	0.84	25.5	260	0.98	26.8
90	0.92	26.3	270	0.92	26.3
100	0.98	26.8	280	0.84	25.5
110	1.00	27.0	290	0.74	24.4
120	1.00	27.0	300	0.62	22.8
130	0.98	26.8	310	0.49	20.8
140	0.96	26.6	320	0.38	18.6
150	0.94	26.5	330	0.30	16.5
160	0.94	26.5	340	0.26	15.3
170	0.93	26.4	350	0.26	15.3