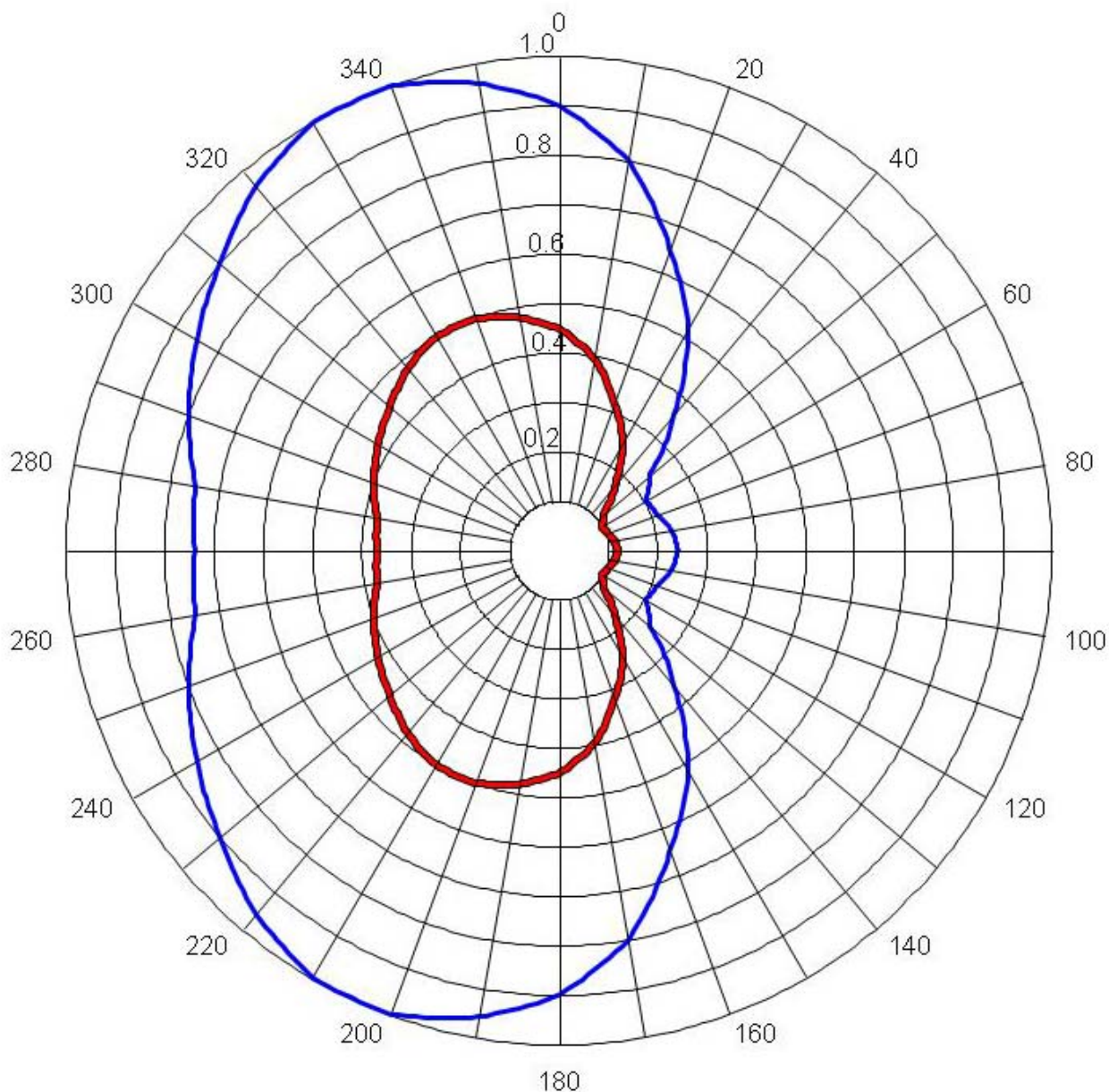




6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182



Values in Relative Field

Customer: WBME-DT
Channel: 48 (674-680 MHz)

Model: JSL-24/48 SEP
Description: UHF Slot Antenna
Notes: Main beam @ 270°, Blue=H-POL, Red=V-POL



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

Azimuth Pattern Tabulation

<u>AZIMUTH</u>	<u>H-Pol</u>	<u>dB</u>	<u>V-Pol</u>	<u>dB</u>
0	0.90	-2.62	0.45	-8.64
10	0.80	-2.50	0.40	-8.52
20	0.65	-1.94	0.33	-7.96
30	0.52	-1.41	0.26	-7.43
40	0.36	-0.92	0.18	-6.94
50	0.24	-0.35	0.12	-6.38
60	0.20	0.00	0.10	-6.02
70	0.21	0.00	0.11	-6.02
80	0.23	-0.35	0.12	-6.38
90	0.24	-0.92	0.12	-6.94
100	0.23	-1.94	0.12	-7.96
110	0.21	-3.74	0.11	-9.76
120	0.20	-5.68	0.10	-11.70
130	0.24	-8.87	0.12	-14.89
140	0.36	-12.40	0.18	-18.42
150	0.52	-13.98	0.26	-20.00
160	0.65	-13.56	0.33	-19.58
170	0.80	-12.77	0.40	-18.79
180	0.90	-12.40	0.45	-18.42
190	0.96	-12.77	0.48	-18.79
200	1.00	-13.56	0.50	-19.58
210	1.00	-13.98	0.50	-20.00
220	0.96	-12.40	0.48	-18.42
230	0.90	-8.87	0.45	-14.89
240	0.85	-5.68	0.43	-11.70
250	0.80	-3.74	0.40	-9.76
260	0.75	-1.94	0.38	-7.96
270	0.74	-0.92	0.37	-6.94
280	0.75	-0.35	0.38	-6.38
290	0.80	0.00	0.40	-6.02
300	0.85	0.00	0.43	-6.02
310	0.90	-0.35	0.45	-6.38
320	0.96	-0.92	0.48	-6.94
330	1.00	-1.41	0.50	-7.43
340	1.00	-1.94	0.50	-7.96
350	0.96	-2.50	0.48	-8.52

Customer: WBME-DT
Channel: 48 (674-680 MHz)

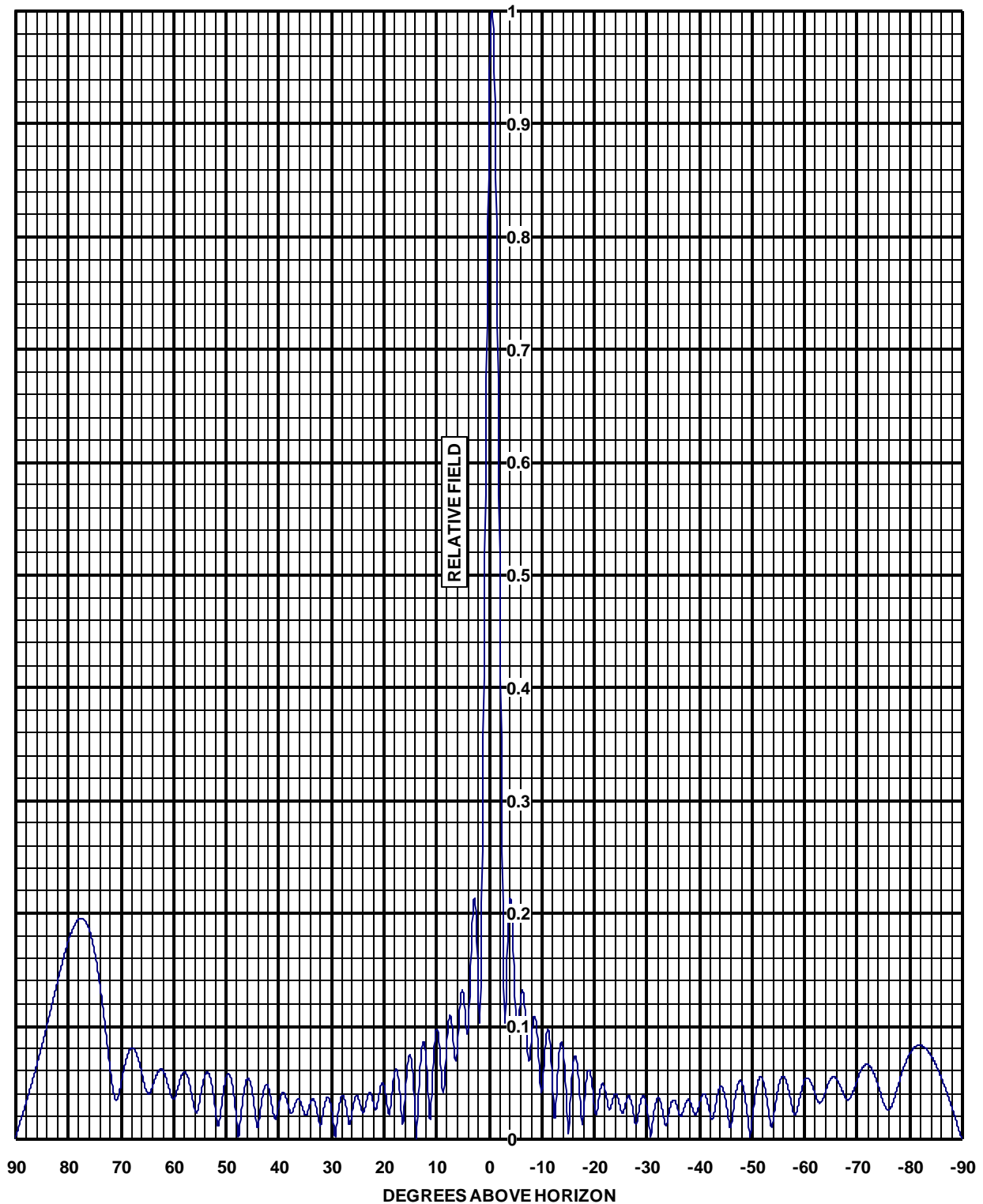
Model: JSL-24/48 SEP
Description: UHF Slot Antenna
Notes: Main beam @ 270°, Blue=H-POL, Red=V-POL



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

COMPUTED ELEVATION PATTERN



Customer: WBME-DT

Channel: 48

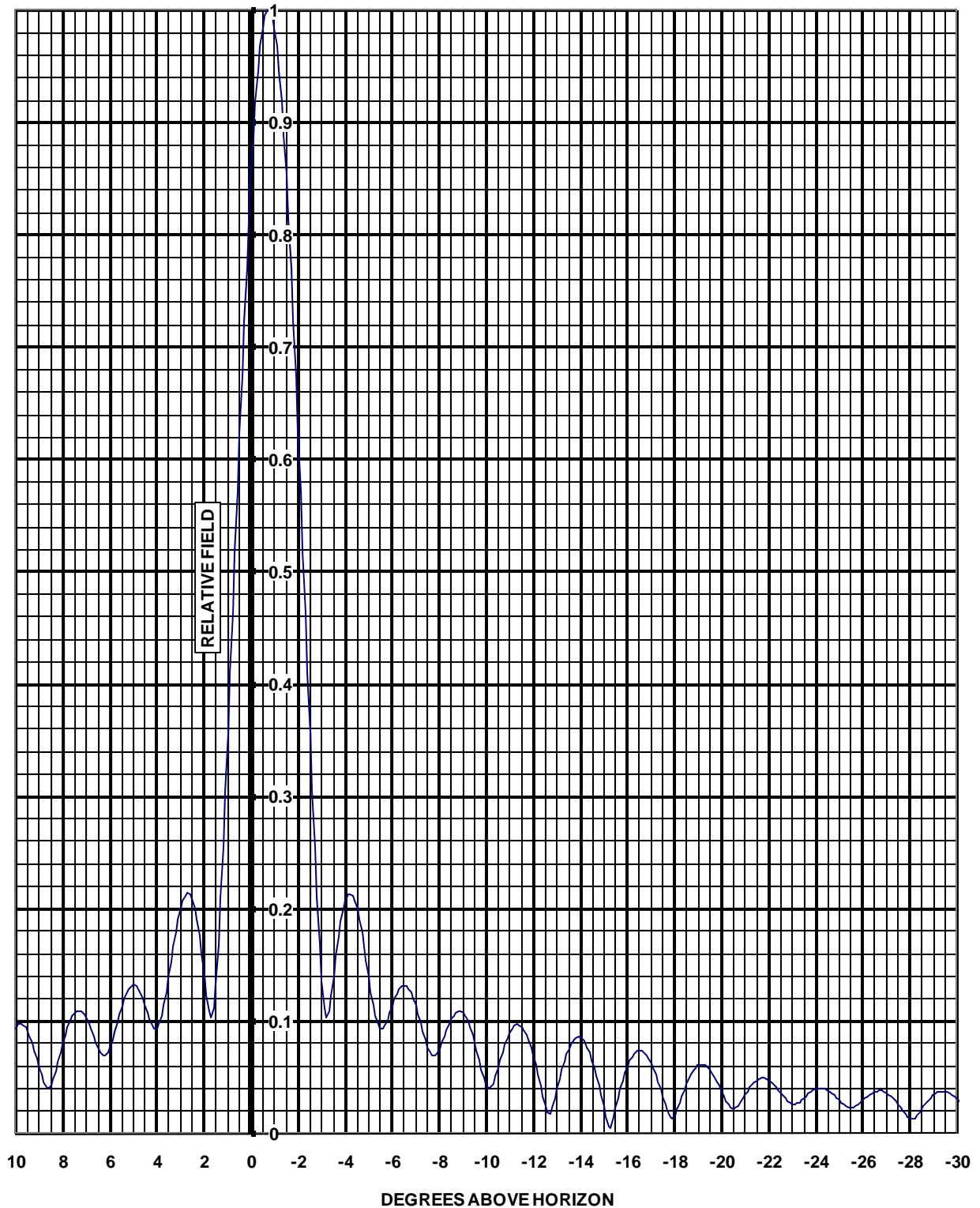
Model: JSL-24/48 SEP
Description: UHF Slot Antenna
-0.75 ° Beam Tilt, 10% Null Fill



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

COMPUTED ELEVATION PATTERN



Customer: WBME-DT

Channel: 48

Model: JSL-24/48 SEP
Description: UHF Slot Antenna
-0.75 ° Beam Tilt, 10% Null Fill



6340 Sky Creek Drive
Sacramento, California 95828 USA

Telephone (916) 383-1177
Fax (916) 383-1182

Elevation Pattern Tabulation

ELEVATION PATTERN TABULATION

RELATIVE FIELD VS ELEVATION ANGLE

<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>	<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>	<u>ELEVATION ANGLE</u>	<u>RELATIVE FIELD</u>
10	0.095	-26	0.029	-61	0.053
9	0.059	-27	0.036	-62	0.041
8	0.079	-28	0.013	-63	0.031
7	0.102	-29	0.033	-64	0.039
6	0.076	-30	0.030	-65	0.051
5	0.132	-31	0.005	-66	0.054
4	0.093	-32	0.034	-67	0.046
3	0.199	-33	0.027	-68	0.036
2	0.140	-34	0.015	-69	0.037
1	0.356	-35	0.034	-70	0.050
0	0.852	-36	0.026	-71	0.061
-1	0.983	-37	0.024	-72	0.065
-2	0.623	-38	0.034	-73	0.061
-3	0.134	-39	0.024	-74	0.049
-4	0.207	-40	0.029	-75	0.034
-5	0.139	-41	0.039	-76	0.025
-6	0.113	-42	0.025	-77	0.032
-7	0.113	-43	0.024	-78	0.048
-8	0.074	-44	0.045	-79	0.063
-9	0.107	-45	0.036	-80	0.074
-10	0.043	-46	0.009	-81	0.080
-11	0.089	-47	0.039	-82	0.083
-12	0.069	-48	0.051	-83	0.081
-13	0.039	-49	0.030	-84	0.075
-14	0.085	-50	0.011	-85	0.066
-15	0.024	-51	0.045	-86	0.056
-16	0.059	-52	0.053	-87	0.043
-17	0.062	-53	0.032	-88	0.029
-18	0.016	-54	0.013	-89	0.015
-19	0.060	-55	0.043	-90	0.000
-20	0.037	-56	0.055		
-21	0.034	-57	0.044		
-22	0.047	-58	0.023		
-23	0.026	-59	0.032		
-24	0.039	-60	0.050		
-25	0.029				

Customer: WBME-DT

Channel: 48

Model: JSL-24/48 SEP
Description: UHF Slot Antenna
-0.75 ° Beam Tilt, 10% Null Fill