

Azimuth Pattern Details

Customer: KHSL-TV

Model: JA/MS-16 SHBP

Type: UHF Slot Antenna

Channel: 43 (644-650 MHz)

Notes: Horizontally Polarized, 16-bay Slot Antenna

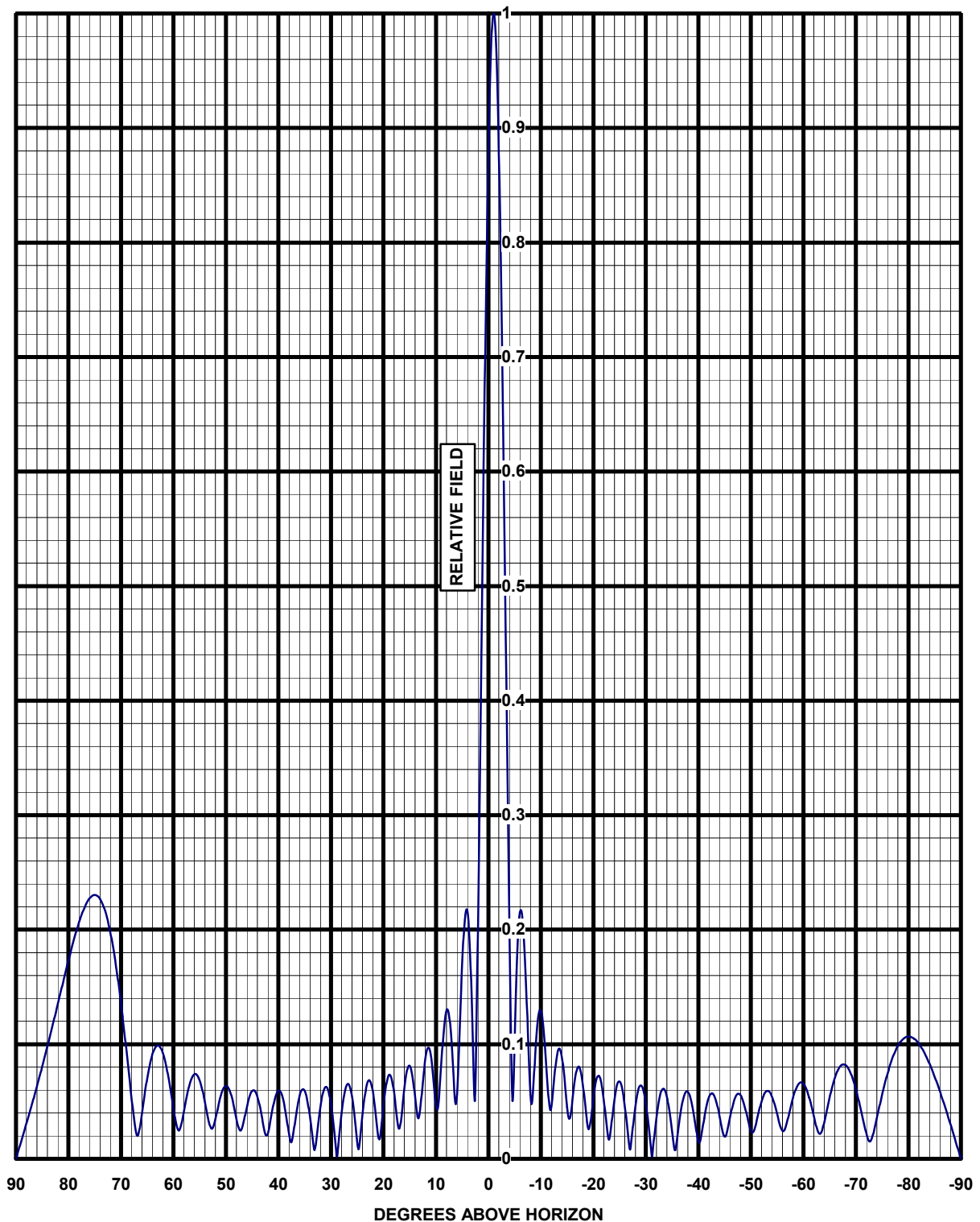
<u>Azimuth</u>	<u>Relative Field</u>
0	0.574
10	0.443
20	0.347
30	0.258
40	0.148
50	0.042
60	0.042
70	0.042
80	0.042
90	0.042
100	0.042
110	0.042
120	0.042
130	0.148
140	0.258
150	0.347
160	0.443
170	0.574
180	0.715
190	0.846
200	0.944
210	1.000
220	0.960
230	0.811
240	0.624
250	0.562
260	0.615
270	0.615
280	0.562
290	0.624
300	0.811
310	0.960
320	1.000
330	0.940
340	0.846
350	0.715



6340 Sky Creek Drive
Sacramento, California 95828 USA

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

COMPUTED ELEVATION PATTERN



Customer: KHSL-DT

Channel: 43

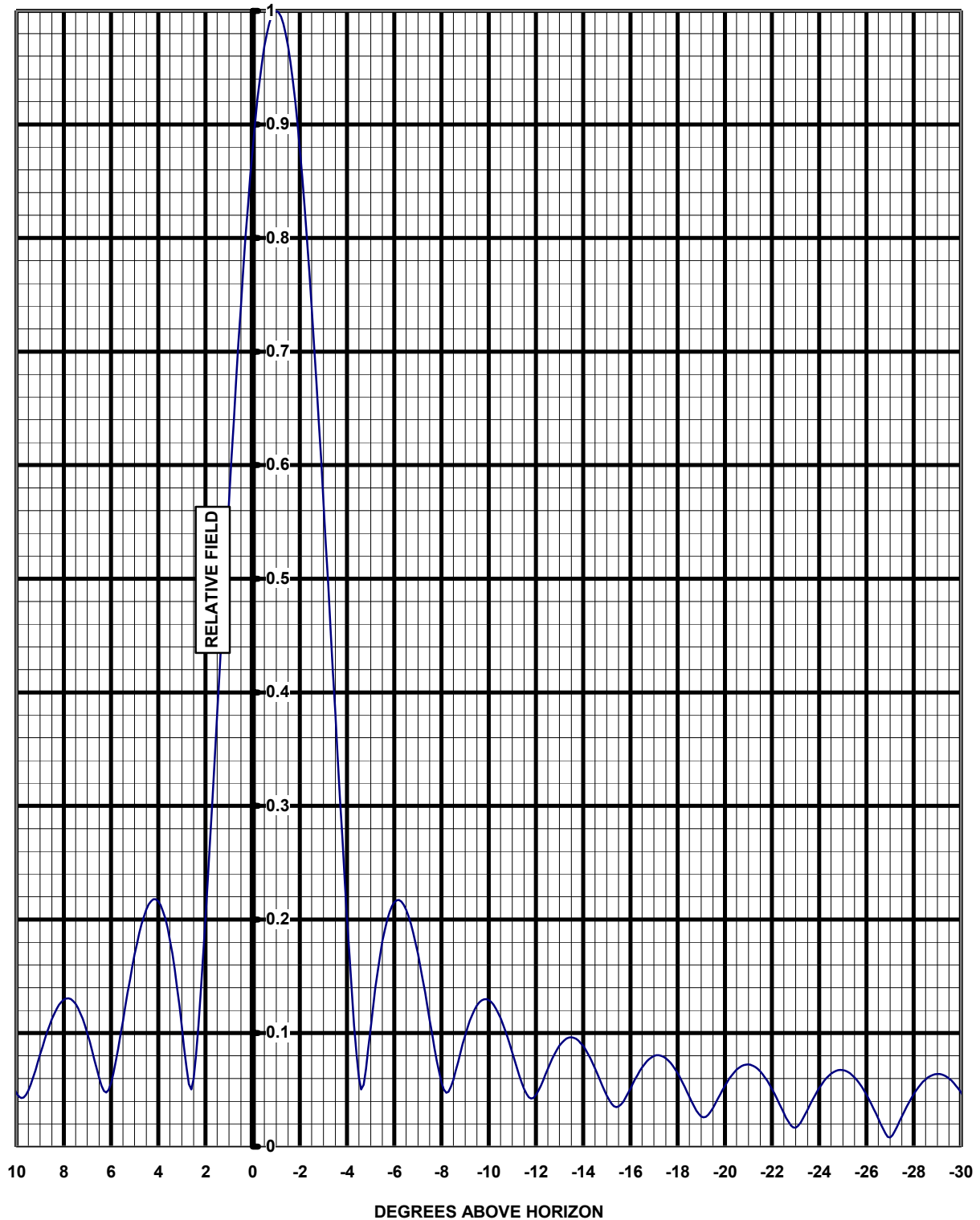
Model: JA/MS-16/43 SHBP
Description: UHF Slot Antenna
-1° Beam Tilt, 5% Null Fill



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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	0.047	-26	0.046	-61	0.055
9	0.081	-27	0.008	-62	0.037
8	0.129	-28	0.046	-63	0.022
7	0.100	-29	0.064	-64	0.032
6	0.056	-30	0.048	-65	0.053
5	0.169	-31	0.007	-66	0.071
4	0.216	-32	0.036	-67	0.081
3	0.106	-33	0.060	-68	0.082
2	0.200	-34	0.054	-69	0.075
1	0.568	-35	0.023	-70	0.061
0	0.879	-36	0.020	-71	0.042
-1	1.000	-37	0.050	-72	0.022
-2	0.878	-38	0.058	-73	0.017
-3	0.567	-39	0.042	-74	0.036
-4	0.201	-40	0.015	-75	0.056
-5	0.105	-41	0.033	-76	0.074
-6	0.215	-42	0.054	-77	0.088
-7	0.170	-43	0.055	-78	0.099
-8	0.057	-44	0.038	-79	0.105
-9	0.098	-45	0.019	-80	0.107
-10	0.129	-46	0.035	-81	0.105
-11	0.083	-47	0.053	-82	0.100
-12	0.045	-48	0.056	-83	0.093
-13	0.089	-49	0.042	-84	0.083
-14	0.089	-50	0.025	-85	0.072
-15	0.045	-51	0.031	-86	0.059
-16	0.051	-52	0.050	-87	0.045
-17	0.080	-53	0.059	-88	0.030
-18	0.065	-54	0.055	-89	0.015
-19	0.027	-55	0.039	-90	0.000
-20	0.053	-56	0.024		
-21	0.072	-57	0.034		
-22	0.051	-58	0.053		
-23	0.017	-59	0.065		
-24	0.052	-60	0.066		
-25	0.067				

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