

Values in Relative Field

Customer: KSAW-LD  
Channel: 28

Model: JUHD-5/3 (15)  
Description: UHF Panel Antenna  
Notes: Horiontally Polarized

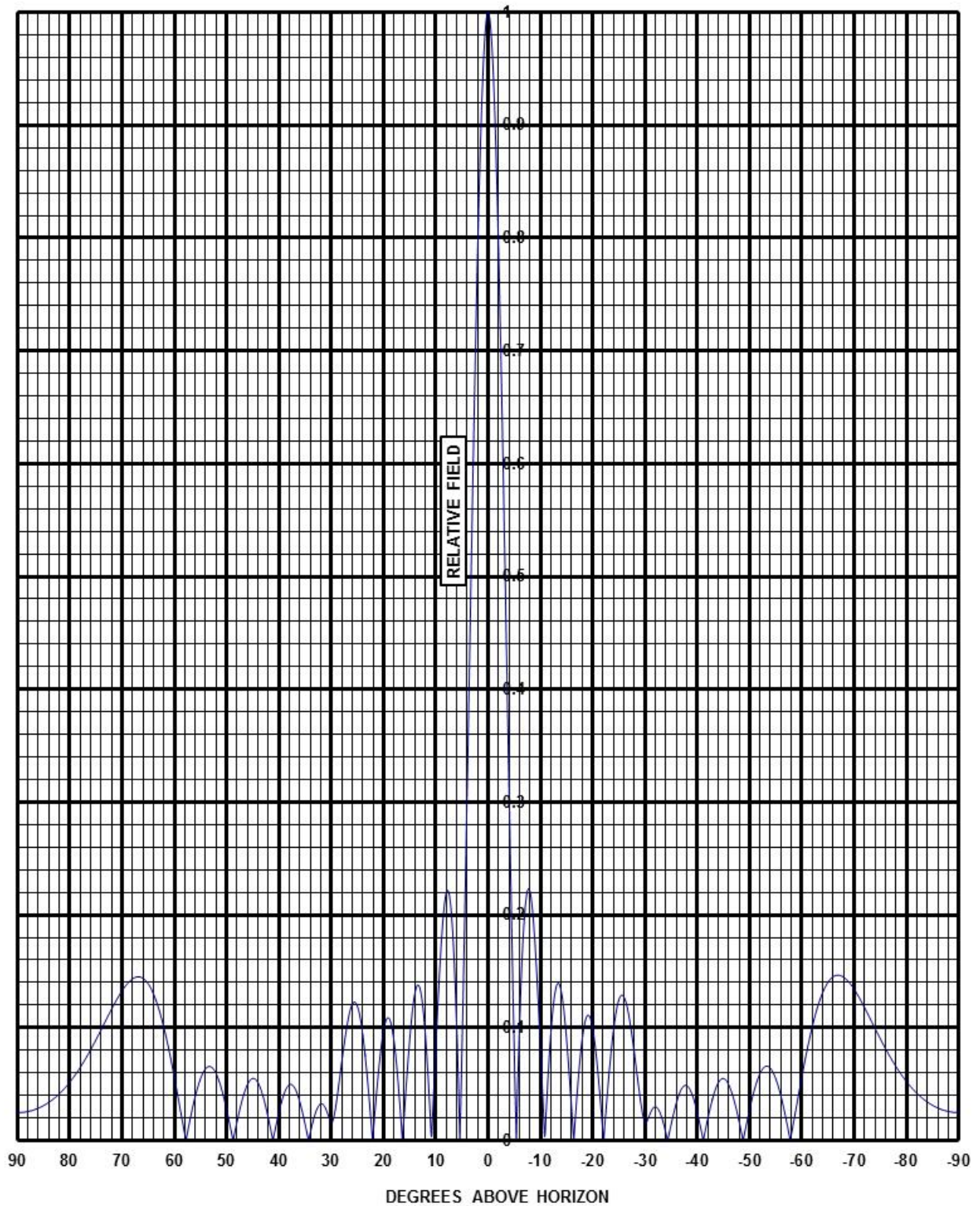


## Azimuth Pattern Tabulation

<u>AZIMUTH</u>	<u>HPOL</u>	<u>dB</u>		<u>AZIMUTH</u>	<u>HPOL</u>	<u>dB</u>
0	0.955	-0.40		180	0.118	-18.54
5	0.925	-0.68		185	0.138	-17.18
10	0.843	-1.48		190	0.191	-14.37
15	0.745	-2.56		195	0.257	-11.81
20	0.678	-3.37		200	0.310	-10.17
25	0.685	-3.29		205	0.333	-9.56
30	0.760	-2.38		210	0.321	-9.86
35	0.863	-1.28		215	0.297	-10.53
40	0.951	-0.44		220	0.305	-10.33
45	0.997	-0.03		225	0.368	-8.68
50	0.989	-0.10		230	0.466	-6.63
55	0.932	-0.61		235	0.570	-4.88
60	0.850	-1.42		240	0.664	-3.56
65	0.777	-2.19		245	0.744	-2.57
70	0.750	-2.49		250	0.810	-1.83
75	0.777	-2.20		255	0.863	-1.28
80	0.832	-1.60		260	0.902	-0.90
85	0.885	-1.06		265	0.921	-0.71
90	0.917	-0.76		270	0.917	-0.76
95	0.921	-0.71		275	0.885	-1.06
100	0.902	-0.90		280	0.832	-1.60
105	0.863	-1.28		285	0.777	-2.20
110	0.810	-1.83		290	0.750	-2.49
115	0.744	-2.57		295	0.777	-2.19
120	0.664	-3.56		300	0.850	-1.42
125	0.570	-4.88		305	0.932	-0.61
130	0.466	-6.63		310	0.989	-0.10
135	0.368	-8.68		315	0.997	-0.03
140	0.305	-10.33		320	0.951	-0.44
145	0.297	-10.53		325	0.863	-1.28
150	0.321	-9.86		330	0.760	-2.38
155	0.333	-9.56		335	0.685	-3.29
160	0.310	-10.16		340	0.678	-3.37
165	0.257	-11.81		345	0.745	-2.56
170	0.191	-14.37		350	0.843	-1.48
175	0.138	-17.18		355	0.925	-0.68

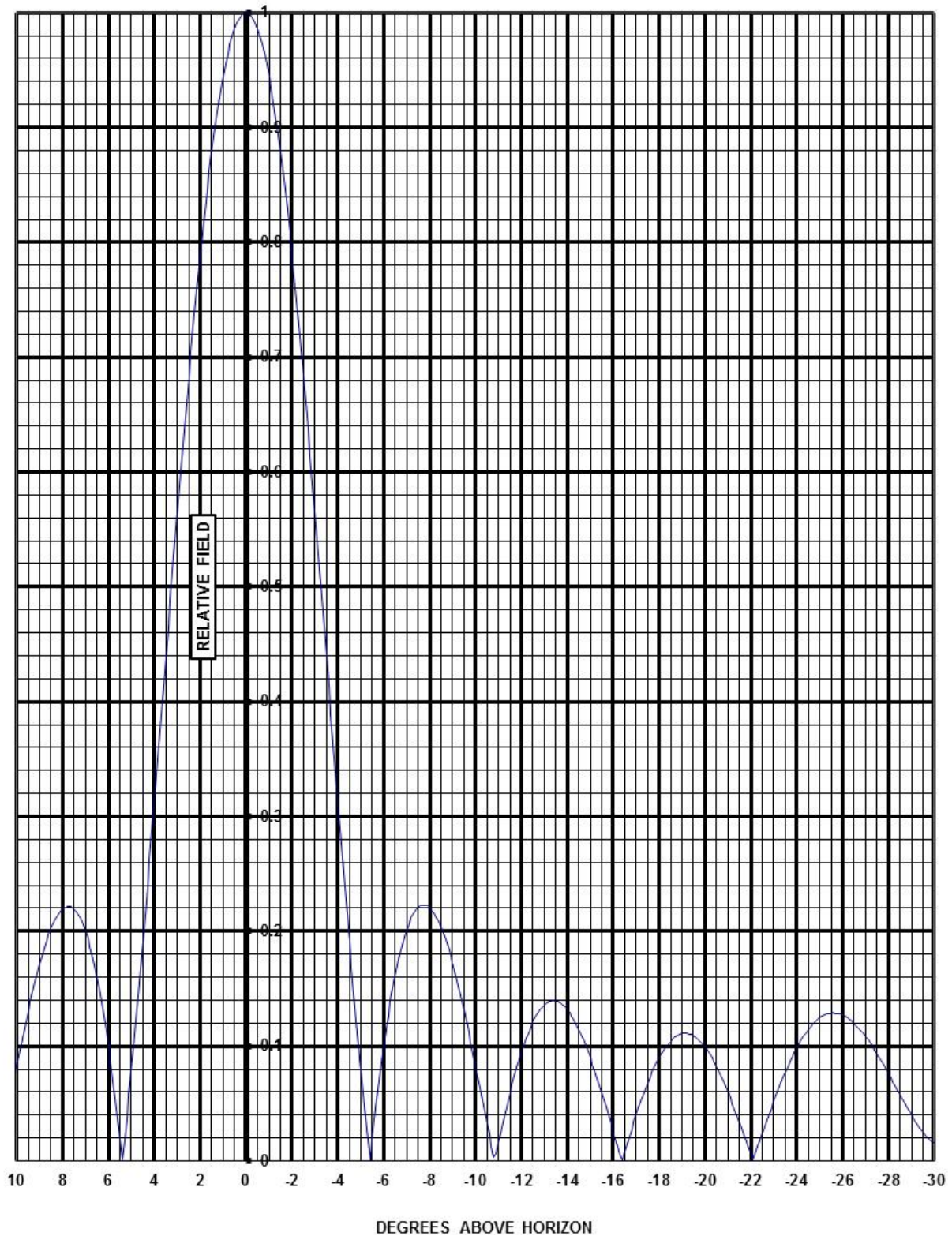
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**-0° Beam Tilt, 0% Null Fill**



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## 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	0.082	-26	0.127	-61	0.080
9	0.171	-27	0.109	-62	0.101
8	0.219	-28	0.076	-63	0.118
7	0.200	-29	0.040	-64	0.131
6	0.100	-30	0.016	-65	0.140
5	0.078	-31	0.024	-66	0.145
4	0.312	-32	0.030	-67	0.147
3	0.564	-33	0.023	-68	0.145
2	0.789	-34	0.007	-69	0.140
1	0.944	-35	0.014	-70	0.134
0	1.000	-36	0.033	-71	0.126
-1	0.945	-37	0.046	-72	0.118
-2	0.790	-38	0.049	-73	0.109
-3	0.565	-39	0.041	-74	0.099
-4	0.313	-40	0.025	-75	0.090
-5	0.079	-41	0.003	-76	0.081
-6	0.100	-42	0.019	-77	0.073
-7	0.201	-43	0.038	-78	0.065
-8	0.221	-44	0.051	-79	0.059
-9	0.173	-45	0.055	-80	0.052
-10	0.083	-46	0.050	-81	0.047
-11	0.016	-47	0.036	-82	0.042
-12	0.095	-48	0.017	-83	0.038
-13	0.136	-49	0.005	-84	0.034
-14	0.132	-50	0.027	-85	0.031
-15	0.090	-51	0.046	-86	0.029
-16	0.026	-52	0.059	-87	0.027
-17	0.040	-53	0.066	-88	0.026
-18	0.090	-54	0.064	-89	0.025
-19	0.111	-55	0.055	-90	0.025
-20	0.099	-56	0.039		
-21	0.060	-57	0.018		
-22	0.005	-58	0.006		
-23	0.052	-59	0.031		
-24	0.099	-60	0.057		
-25	0.125				

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