



## TABULATION

<u>AZIMUTH</u>	<u>FIELD</u>	<u>AZIMUTH</u>	<u>FIELD</u>
0	0.572	180	0.976
10	0.399	190	0.914
20	0.230	200	0.828
30	0.193	210	0.737
40	0.320	220	0.653
50	0.439	230	0.606
60	0.484	240	0.592
70	0.439	250	0.606
80	0.320	260	0.653
90	0.193	270	0.737
100	0.230	280	0.828
110	0.399	290	0.914
120	0.572	300	0.976
130	0.718	310	1.000
140	0.832	320	0.975
150	0.917	330	0.917
160	0.975	340	0.832
170	1.000	350	0.718

### AZIMUTH PATTERN LIMITS

**Customer: KRCB TV** **Cotati, CA**

**Frequency: DTV= CH23, NTSC=CH22**

**CH23 Gain approx.: 17.05 x / 12.32 dBd**

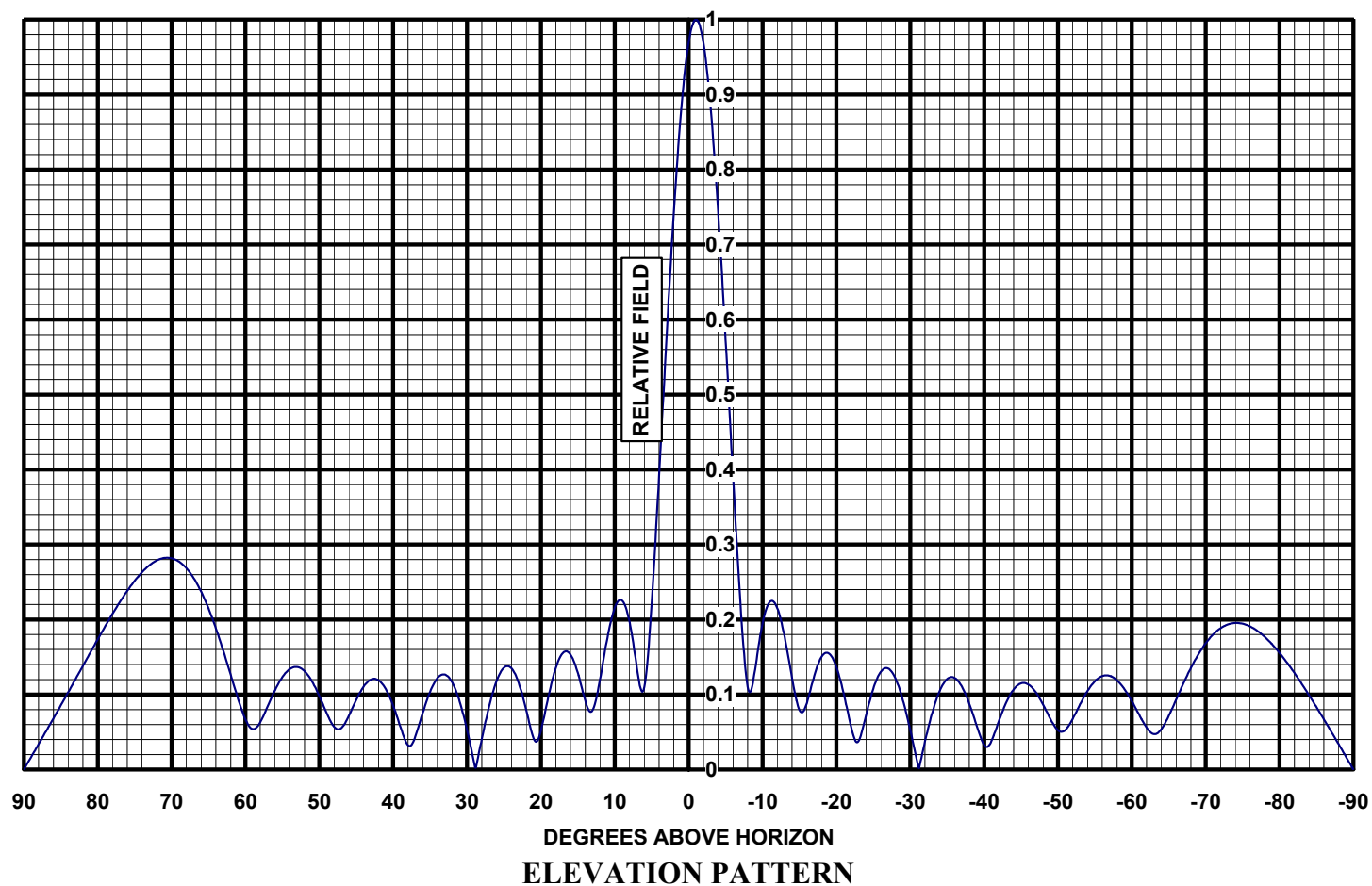
**January 20, 2006**

**Model: JA/MS-8/22-23 SHPN**

**CH22 Gain approx.: 17.15x / 12.34 dBd**



### COMPUTED ELEVATION PATTERN



**Customer KRCB TV**  
**Frequency: CH23 (524-530 MHz).**

**Cotati, CA**  
**1° Tilt & 10% Null Fill**

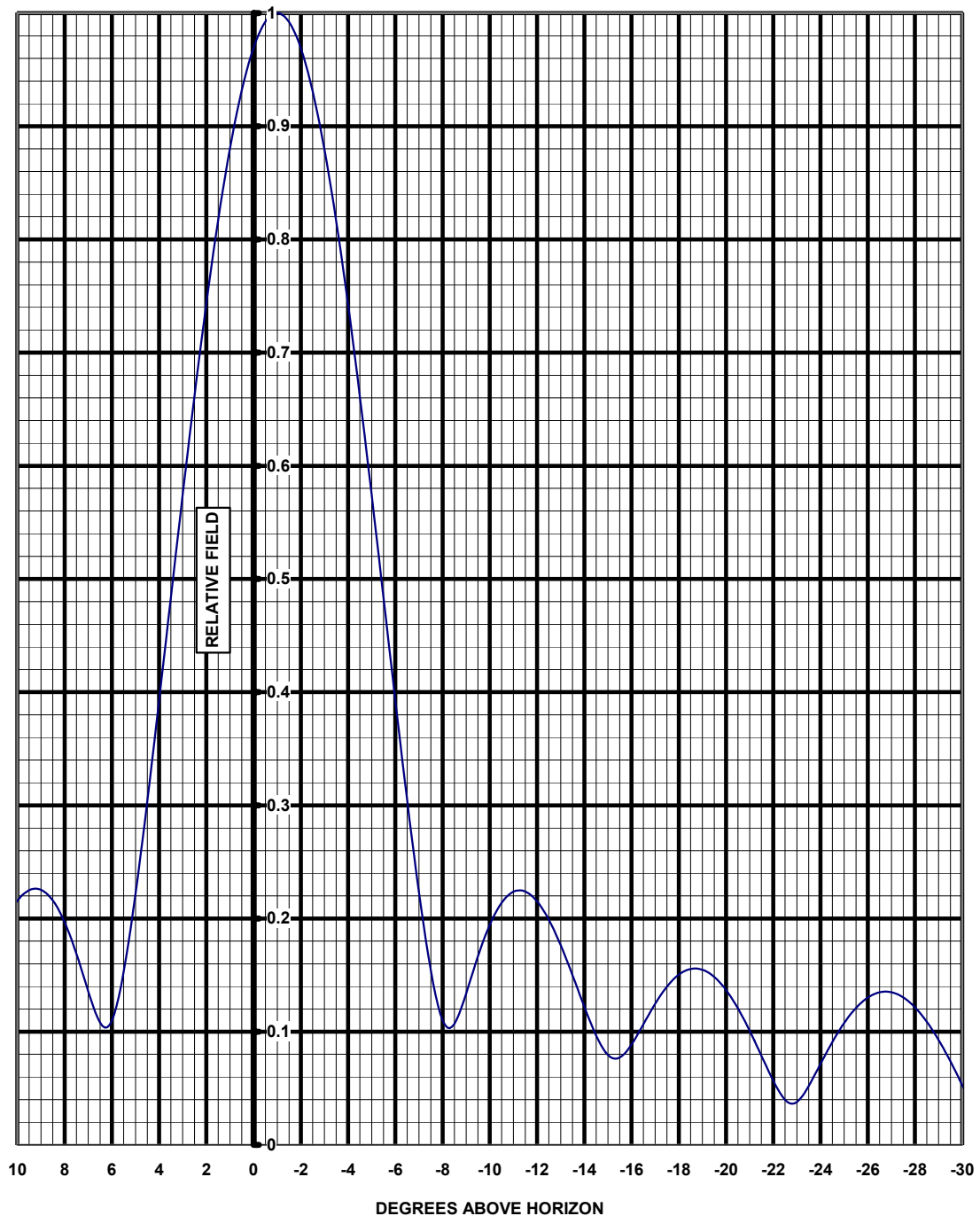
**January 20, 2006**  
**Model: JA/MS-8/22-23 SHPN**

*50 Years of crafting fine TV and FM Antennas.*

6340 Sky Creek Road, Sacramento, CA 95828  
TEL: 916-383-1177 FAX: 916-383-1182 WEB [www.Jampro.com](http://www.Jampro.com)



# ELEVATION PATTERN



## ELEVATION PATTERN

**Customer: KRCB TV**

**Cotati, CA**

**January 20, 2006**

**Frequency: CH 23 (524-530 MHz) 1° Tilt & 10% Null Fill**

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# ELEVATION PATTERN TABULATION

## RELATIVE FIELD VS ELEVATION ANGLE

<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>	<u>dB</u> <u>FIELD</u>	<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>	<u>dB</u> <u>FIELD</u>	<u>ELEVATION</u> <u>ANGLE</u>	<u>RELATIVE</u> <u>FIELD</u>	<u>dB</u> <u>FIELD</u>
10	0.216	-13.323	-26	0.130	-17.709	-61	0.073	-22.739
9	0.225	-12.942	-27	0.135	-17.403	-62	0.056	-25.044
8	0.197	-14.119	-28	0.122	-18.306	-63	0.047	-26.504
7	0.136	-17.352	-29	0.093	-20.658	-64	0.054	-25.384
6	0.110	-19.188	-30	0.053	-25.547	-65	0.072	-22.912
5	0.222	-13.068	-31	0.007	-40.000	-66	0.093	-20.609
4	0.392	-8.125	-32	0.037	-28.530	-67	0.115	-18.774
3	0.574	-4.817	-33	0.076	-22.337	-68	0.136	-17.359
2	0.744	-2.573	-34	0.105	-19.569	-69	0.153	-16.281
1	0.881	-1.105	-35	0.121	-18.368	-70	0.168	-15.475
0	0.969	-0.270	-36	0.122	-18.261	-71	0.180	-14.893
-1	1.000	0.000	-37	0.110	-19.147	-72	0.188	-14.499
-2	0.969	-0.275	-38	0.088	-21.151	-73	0.193	-14.267
-3	0.880	-1.114	-39	0.058	-24.673	-74	0.195	-14.180
-4	0.743	-2.584	-40	0.033	-29.659	-75	0.194	-14.223
-5	0.574	-4.825	-41	0.038	-28.370	-76	0.191	-14.386
-6	0.393	-8.121	-42	0.065	-23.800	-77	0.185	-14.663
-7	0.223	-13.034	-43	0.089	-20.970	-78	0.177	-15.052
-8	0.110	-19.167	-44	0.107	-19.423	-79	0.167	-15.552
-9	0.134	-17.479	-45	0.115	-18.790	-80	0.155	-16.169
-10	0.195	-14.221	-46	0.113	-18.911	-81	0.143	-16.910
-11	0.224	-13.007	-47	0.103	-19.736	-82	0.129	-17.791
-12	0.215	-13.343	-48	0.086	-21.277	-83	0.114	-18.836
-13	0.176	-15.070	-49	0.067	-23.479	-84	0.099	-20.084
-14	0.122	-18.276	-50	0.052	-25.613	-85	0.083	-21.596
-15	0.080	-21.992	-51	0.053	-25.562	-86	0.067	-23.480
-16	0.089	-21.046	-52	0.068	-23.403	-87	0.050	-25.938
-17	0.125	-18.086	-53	0.087	-21.203	-88	0.034	-29.433
-18	0.150	-16.456	-54	0.105	-19.596	-89	0.017	-35.437
-19	0.155	-16.207	-55	0.118	-18.583	-90	0.000	-40.000
-20	0.137	-17.279	-56	0.125	-18.091			
-21	0.101	-19.927	-57	0.125	-18.068			
-22	0.057	-24.903	-58	0.119	-18.497			
-23	0.038	-28.426	-59	0.107	-19.392			
-24	0.072	-22.906	-60	0.091	-20.793			
-25	0.108	-19.355						

## ELEVATION PATTERN

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