

**Distance to Interfering Contour for
Second-Adjacent WHHY(FM)
W268BH, Montgomery, AL
(Demonstrating Compliance with §74.1204)**

Angle of Depression (°)	Relative Field	ERP (watts)	Distance to Interfering Contour From Antenna (m)	Horizontal Distance Interfering Contour From Tower (m)	Vertical Clearance of Interfering Contour Above Ground (m)
5	0.984	95.9	6.3	6.2	86.7
10	0.939	87.3	6.0	5.9	87.0
15	0.863	73.7	5.5	5.3	87.5
20	0.782	60.5	5.0	4.7	88.0
25	0.693	47.5	4.4	4.0	88.6
30	0.594	34.9	3.8	3.3	89.2
35	0.478	22.6	3.0	2.5	90.0
40	0.378	14.1	2.4	1.8	90.6
45	0.289	8.3	1.8	1.3	91.2
50	0.216	4.6	1.4	0.9	91.6
55	0.146	2.1	0.9	0.5	92.1
60	0.094	0.9	0.6	0.3	92.4
65	0.056	0.3	0.4	0.2	92.6
70	0.030	0.1	0.2	0.1	92.8
75	0.013	0.0	0.1	0.0	92.9
80	0.004	0.0	0.0	0.0	93.0
85	0.001	0.0	0.0	0.0	93.0
90	0.000	0.0	0.0	0.0	93.0
Minimum Clearance Above Ground Level (m):					86.7

Maximum ERP: 99 watts

Antenna: Jampro JCPB-2 (HW)

Antenna Center AGL: 93 meters

Received Signal from WHHY: 104.3 dBu

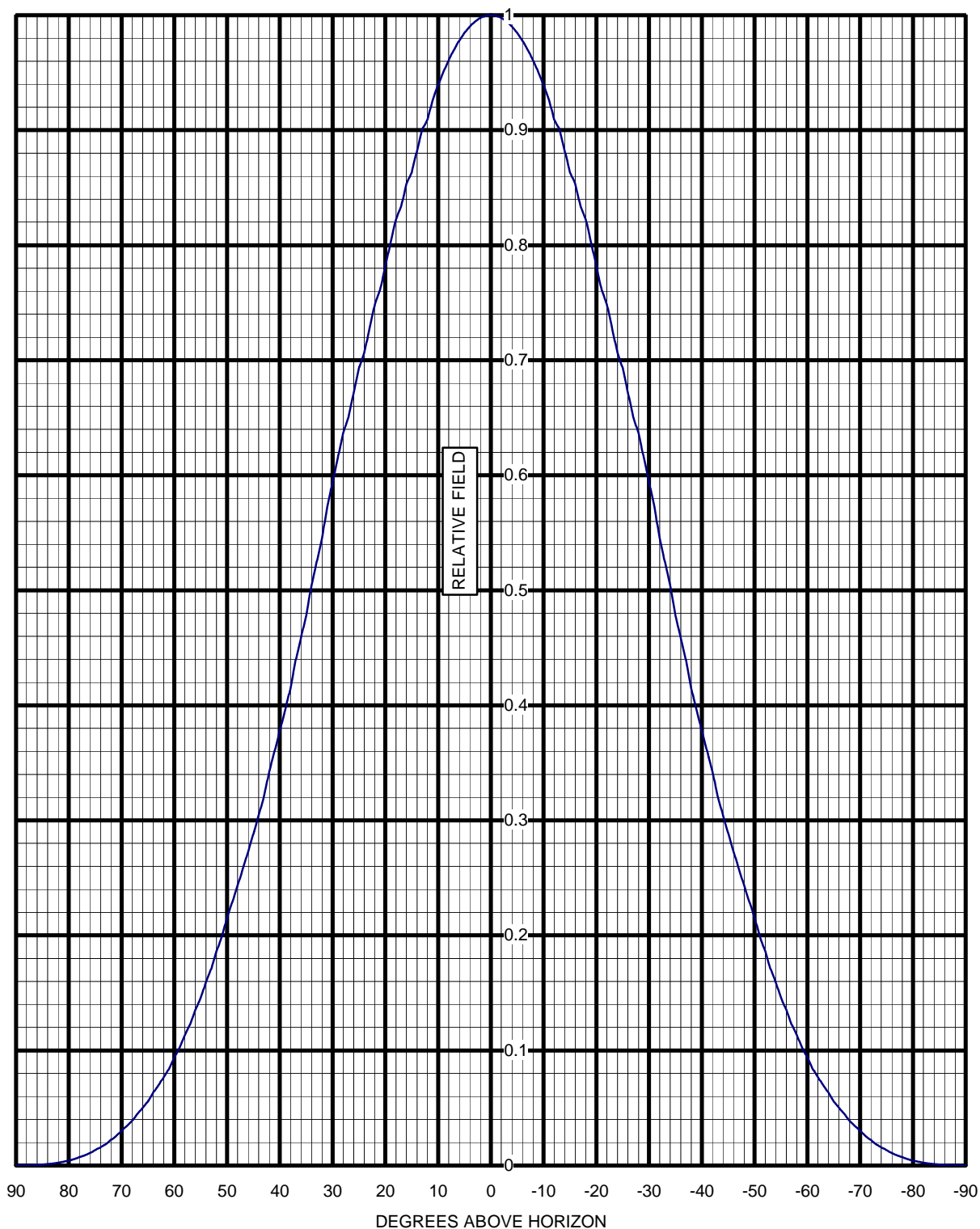
Interfering Contour: 144.3 dBu



6340 Sky Creek Drive
Sacramento, California 95828 USA

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

COMPUTED ELEVATION PATTERN



Customer: Stroh Comm.

Frequency: 101.5 & 107.5 MHz

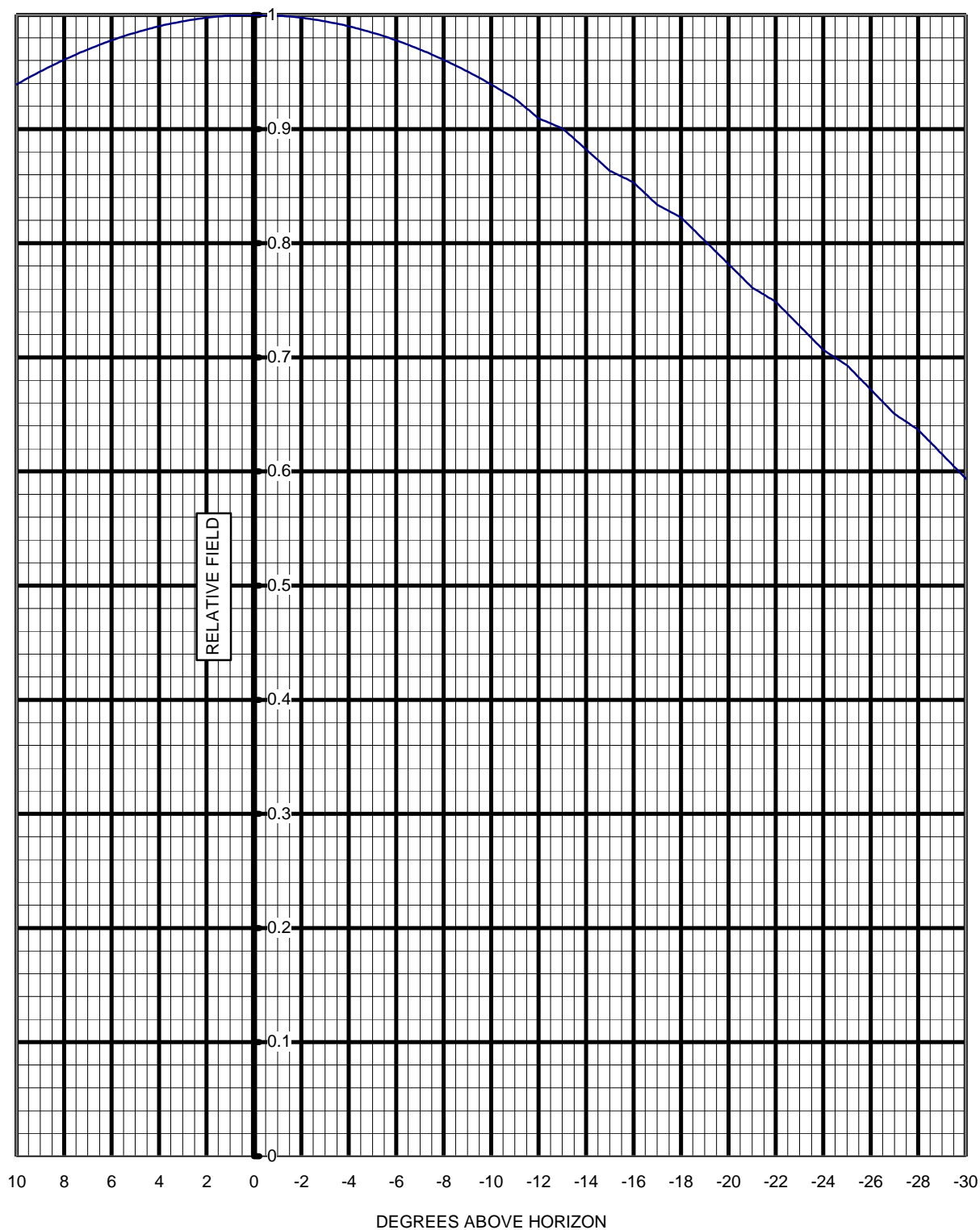
Model: JCPB-2M RFR.5
Description: FM Sidemount Antenna
-0° Beam Tilt, 0% Null Fill



6340 Sky Creek Drive
Sacramento, California 95828 USA

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

COMPUTED ELEVATION PATTERN



Customer: Stroh Comm.

Frequency: 101.5 & 107.5 MHz

Model: JCPB-2M RFR.5
Description: FM Sidemount Antenna
-0° Beam Tilt, 0% 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	0.939	-26	0.672	-61	0.084
9	0.950	-27	0.650	-62	0.077
8	0.961	-28	0.637	-63	0.070
7	0.970	-29	0.615	-64	0.063
6	0.978	-30	0.594	-65	0.056
5	0.984	-31	0.573	-66	0.050
4	0.990	-32	0.545	-67	0.045
3	0.994	-33	0.525	-68	0.039
2	0.997	-34	0.504	-69	0.034
1	0.999	-35	0.478	-70	0.030
0	1.000	-36	0.458	-71	0.026
-1	0.999	-37	0.439	-72	0.022
-2	0.997	-38	0.414	-73	0.019
-3	0.994	-39	0.396	-74	0.016
-4	0.990	-40	0.378	-75	0.013
-5	0.984	-41	0.360	-76	0.011
-6	0.978	-42	0.343	-77	0.009
-7	0.970	-43	0.321	-78	0.007
-8	0.961	-44	0.305	-79	0.005
-9	0.950	-45	0.289	-80	0.004
-10	0.939	-46	0.273	-81	0.003
-11	0.927	-47	0.258	-82	0.002
-12	0.909	-48	0.243	-83	0.002
-13	0.901	-49	0.229	-84	0.001
-14	0.882	-50	0.216	-85	0.001
-15	0.863	-51	0.199	-86	0.000
-16	0.853	-52	0.186	-87	0.000
-17	0.834	-53	0.171	-88	0.000
-18	0.823	-54	0.160	-89	0.000
-19	0.802	-55	0.146	-90	0.000
-20	0.782	-56	0.135		
-21	0.761	-57	0.123		
-22	0.749	-58	0.113		
-23	0.728	-59	0.102		
-24	0.706	-60	0.094		
-25	0.693				

Customer: Stroh Comm.

Frequency: 101.5 & 107.5 MHz

Model: JCPB-2M RFR.5
Description: FM Sidemount Antenna
-0° Beam Tilt, 0% Null Fill