

# Shively Labs<sup>®</sup>

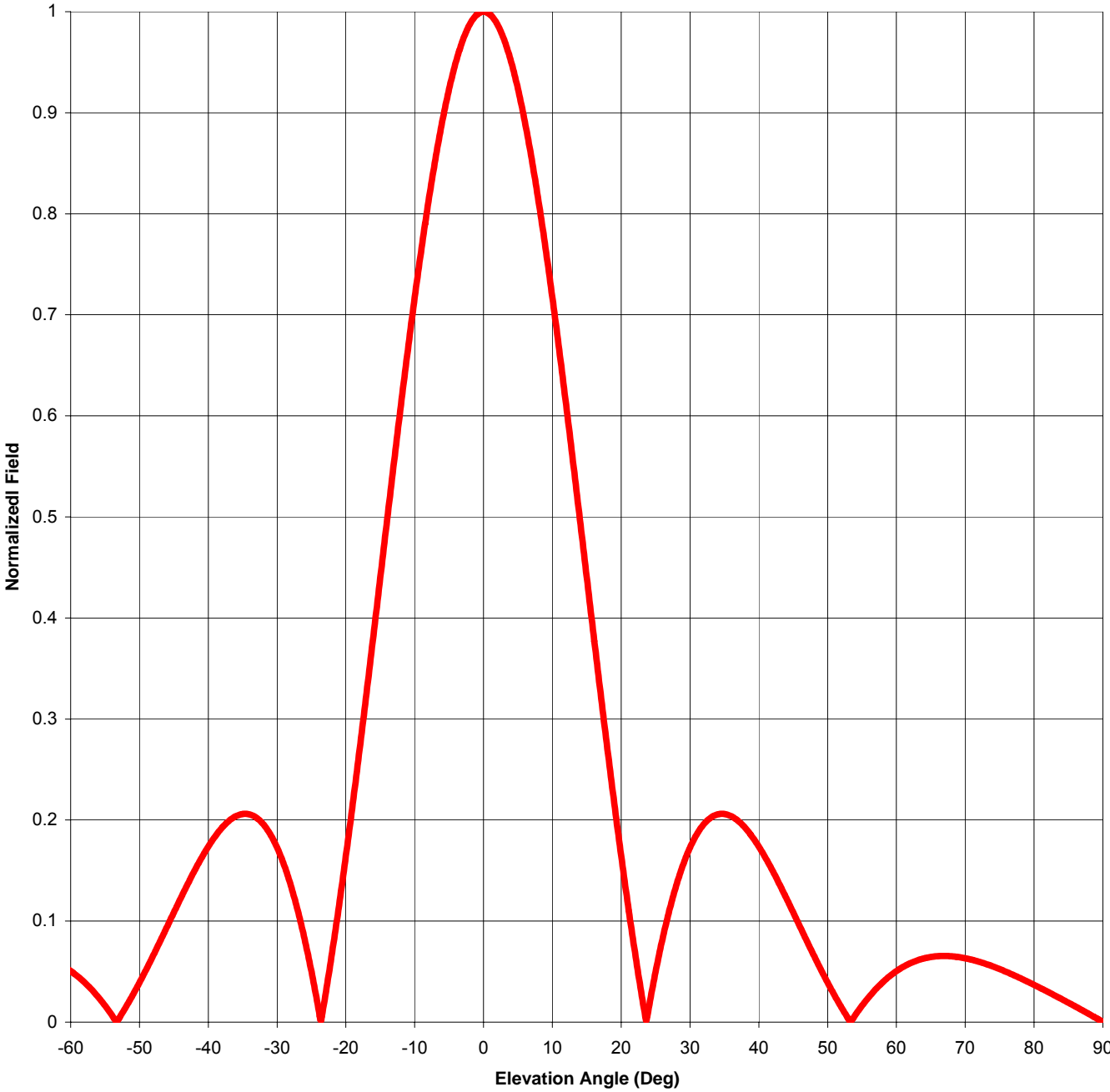
Antenna Mfr.: Shively Labs

Date: 12/30/2004

Antenna Type: 6014, 6015, 6510, 6513, 6600, 68xx 5-Bay, 1/2-wave-spaced

Frequency: 98.1

6014, 6015, 68xx Gain (Max)	1.62	2.10 dB
6510, 6513, 6600 Gain (Max)	3.24	5.10 dB



## Elevation Pattern Tabulation, Sidemount 5-Bay Antennas, Half-Wave-Spaced

Includes Models 6014, 6015, 66xx series except 6602B, 65xx series, 68xx series except 6812B & 6832.

Relative Field at 0° Depression = 1.000

Degrees	Rel. Field
1	0.997
2	0.988
3	0.972
4	0.951
5	0.924
6	0.891
7	0.854
8	0.812
9	0.766
10	0.717
11	0.665
12	0.611
13	0.555
14	0.498
15	0.440
16	0.383
17	0.326
18	0.270

Degrees	Rel. Field
19	0.216
20	0.165
21	0.115
22	0.069
23	0.026
24	0.014
25	0.050
26	0.082
27	0.111
28	0.135
29	0.156
30	0.173
31	0.186
32	0.196
33	0.202
34	0.206
35	0.206
36	0.204

Degrees	Rel. Field
37	0.199
38	0.192
39	0.184
40	0.174
41	0.162
42	0.150
43	0.137
44	0.123
45	0.109
46	0.094
47	0.080
48	0.066
49	0.052
50	0.039
51	0.027
52	0.015
53	0.004
54	0.007

Degrees	Rel. Field
55	0.016
56	0.025
57	0.033
58	0.039
59	0.045
60	0.051
61	0.055
62	0.058
63	0.061
64	0.063
65	0.064
66	0.065
67	0.065
68	0.065
69	0.064
70	0.063
71	0.062
72	0.060

Degrees	Rel. Field
73	0.058
74	0.055
75	0.052
76	0.050
77	0.047
78	0.043
79	0.040
80	0.037
81	0.033
82	0.030
83	0.026
84	0.023
85	0.019
86	0.016
87	0.012
88	0.008
89	0.004
90	0.000