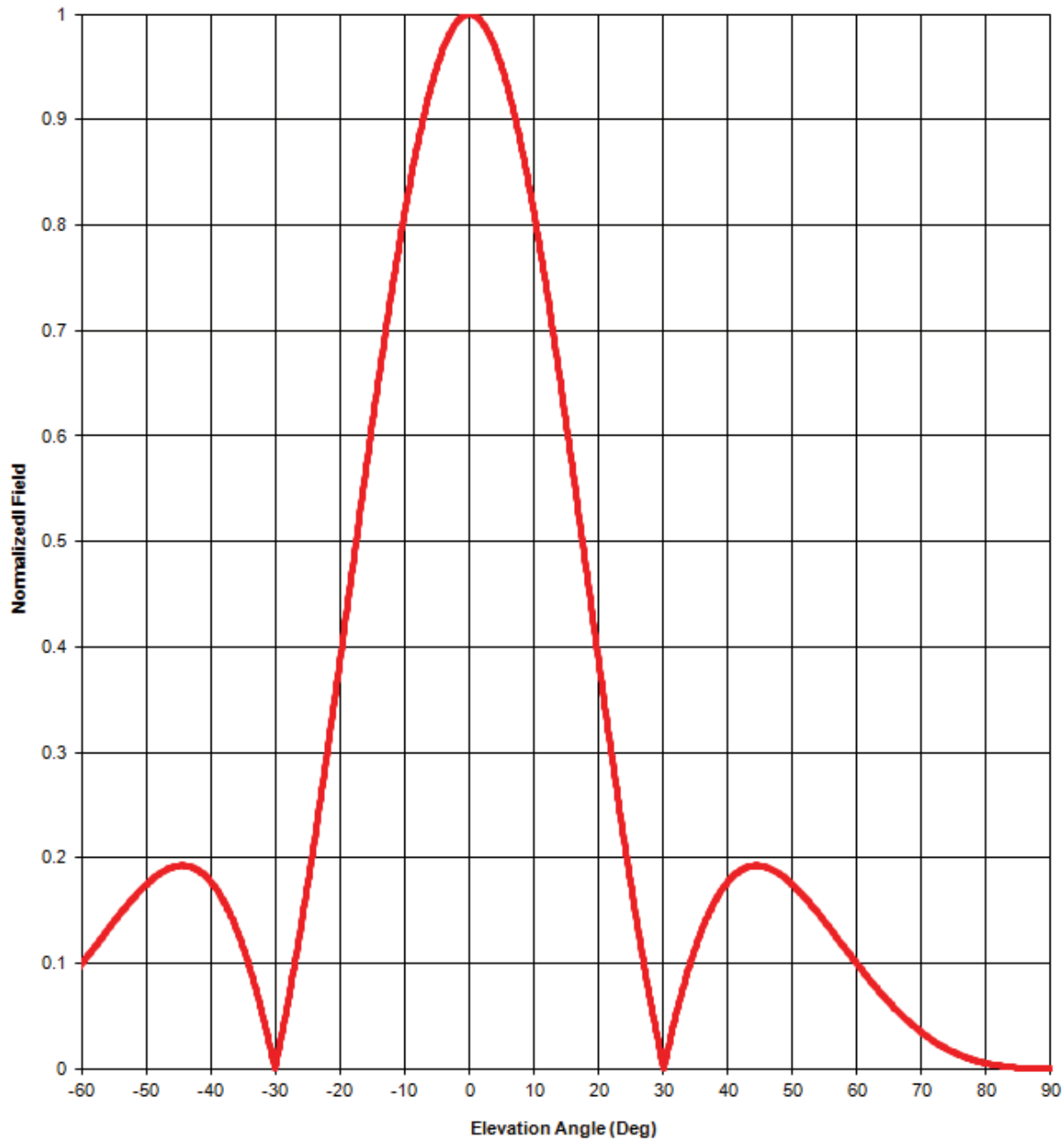


## Elevation pattern



Antenna models: 6014, 6015, 6020, 6510, 6513, 6600, & 68xx except 6832, 4-bay half-wave-spaced

Test frequency: 98.1 MHz

Gain (maximum):

	Power	dB
6014, 6015, 68xx:	1.32	1.19 dB
6510, 6513, 6600:	2.64	4.19 dB

[Document No. 68xx-4-bay hw \(130628\)](#)

A Division of Howell Laboratories, Inc., P. O. Box 389, Bridgton, Maine 04009 USA

(207) 647-3327

1-888-SHIVELY

Fax: (207)647-8273

An Employee-Owned Company

[www.shively.com](http://www.shively.com)

[sales@shively.com](mailto:sales@shively.com)

Certified to ISO-9001

Degrees	Rel. Field	Degrees	Rel. Field	Degrees	Rel. Field	Degrees	Rel. Field	Degrees	Rel. Field
1	0.998	19	0.433	37	0.147	55	0.140	73	0.022
2	0.992	20	0.388	38	0.159	56	0.132	74	0.019
3	0.982	21	0.343	39	0.169	57	0.123	75	0.016
4	0.968	22	0.299	40	0.177	58	0.115	76	0.013
5	0.950	23	0.257	41	0.184	59	0.107	77	0.011
6	0.929	24	0.215	42	0.188	60	0.099	78	0.008
7	0.905	25	0.175	43	0.191	61	0.092	79	0.007
8	0.877	26	0.137	44	0.193	62	0.084	80	0.005
9	0.846	27	0.100	45	0.192	63	0.077	81	0.004
10	0.812	28	0.066	46	0.191	64	0.070	82	0.003
11	0.776	29	0.033	47	0.188	65	0.063	83	0.002
12	0.738	30	0.003	48	0.185	66	0.056	84	0.001
13	0.697	31	0.026	49	0.180	67	0.050	85	0.001
14	0.655	32	0.052	50	0.175	68	0.045	86	0.001
15	0.612	33	0.075	51	0.169	69	0.039	87	0.000
16	0.568	34	0.096	52	0.162	70	0.034	88	0.000
17	0.523	35	0.115	53	0.155	71	0.030	89	0.000
18	0.478	36	0.132	54	0.147	72	0.026	90	0.000

## Elevation Pattern Tabulation

Antenna models: 6014, 6015, 6020, 6510, 6513, 6600, & 68xx except 6832, 4-bay full-wave-spaced.

Relative Field at 0° Depression = 1.000