

frequency in MHz 657.250
 down-tilt in 1.0
 max / mean in dB 4.47

4x2 K723147 Broadband UHF-TV Panel Array

SCALA Medford Oregon	1 deg. EDT & 15% 1st Null Fill @ ch 45	Typ Nr.
mj 29.3.** 9:34		Bl.:

simulation with typical exactness of +/- 0% of max signal

Azimuth Radiation Pattern in % and dB at downtilt: 1.0

f = 657.250MHz

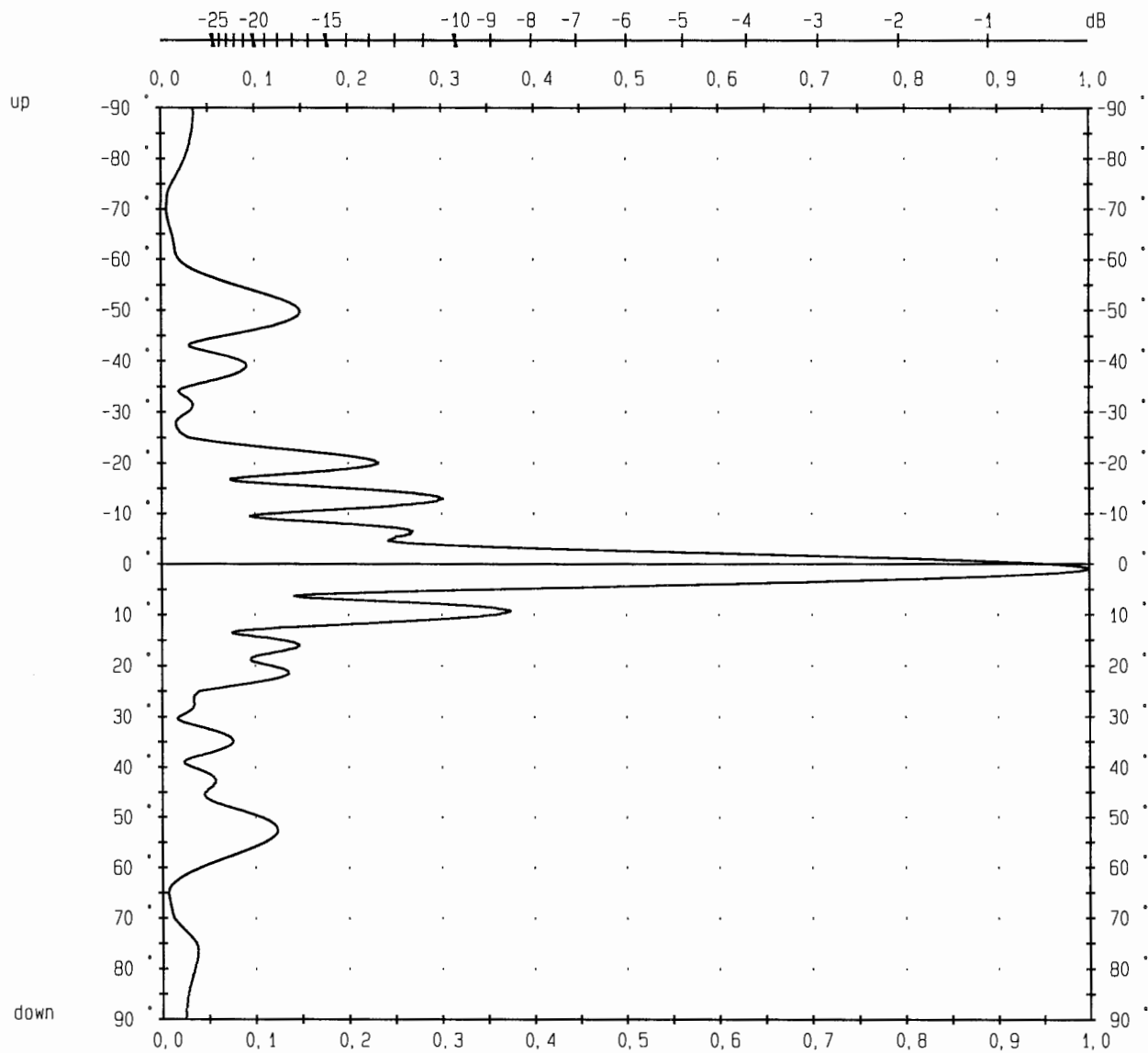
azimuth	%	dB	azimuth	%	dB
0	96.0	-.4	180	13.3	-17.5
5	93.7	-.6	185	12.6	-18.0
10	86.8	-1.2	190	10.6	-19.5
15	77.8	-2.2	195	6.8	-23.3
20	72.0	-2.8	200	2.8	-31.0
25	71.5	-2.9	205	3.0	-30.4
30	75.3	-2.5	210	5.3	-25.4
35	82.7	-1.6	215	8.5	-21.4
40	93.3	-.6	220	9.5	-20.4
45	99.7	.0	225	10.9	-19.2
50	99.2	-.1	230	16.1	-15.9
55	95.6	-.4	235	21.2	-13.5
60	90.8	-.8	240	21.9	-13.2
65	84.3	-1.5	245	22.6	-12.9
70	76.3	-2.3	250	26.1	-11.7
75	68.2	-3.3	255	29.8	-10.5
80	60.7	-4.3	260	33.9	-9.4
85	53.3	-5.5	265	39.1	-8.2
90	45.9	-6.8	270	45.9	-6.8
95	39.1	-8.2	275	53.3	-5.5
100	33.9	-9.4	280	60.7	-4.3
105	29.8	-10.5	285	68.2	-3.3
110	26.1	-11.7	290	76.5	-2.3
115	22.6	-12.9	295	84.1	-1.5
120	22.0	-13.2	300	90.8	-.8
125	21.2	-13.5	305	95.5	-.4
130	16.1	-15.9	310	99.2	-.1
135	10.9	-19.2	315	99.7	.0
140	9.5	-20.4	320	93.2	-.6
145	8.5	-21.4	325	82.5	-1.7
150	5.3	-25.5	330	75.3	-2.5
155	3.1	-30.3	335	71.5	-2.9
160	2.8	-31.0	340	71.9	-2.9
165	6.9	-23.2	345	77.5	-2.2
170	10.6	-19.5	350	87.0	-1.2
175	12.6	-18.0	355	93.6	-.6
180	13.3	-17.5	360	96.0	-.4

maximum fieldstrength was found at:

azimuth 46.
downtilt 1.

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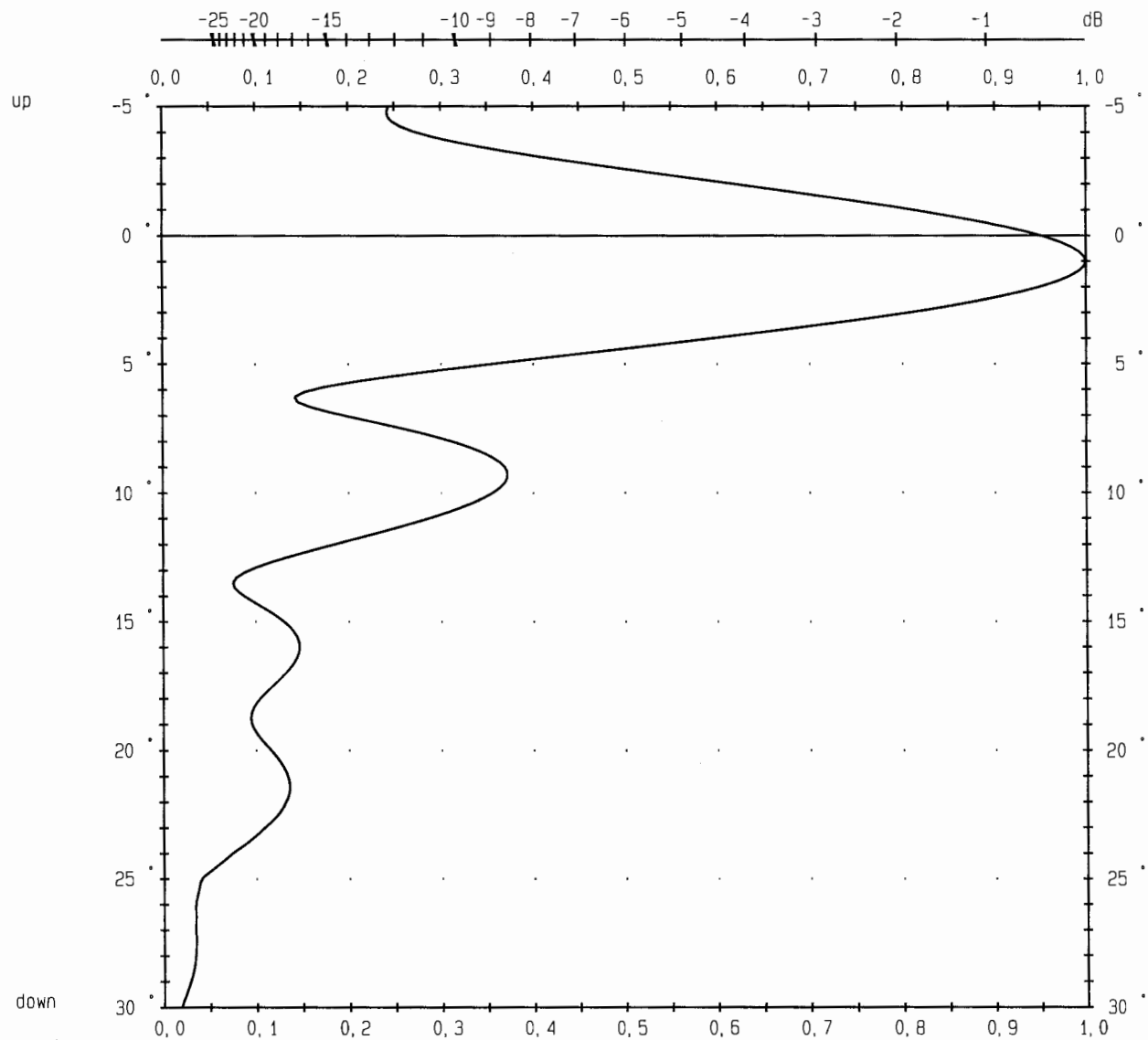
<div>SCALA</div> <div>Medford Oregon</div>	1 deg. EDT & 15% 1st Null Fill @ ch 45	Typ Nr.
mj 29.3.** 9:34		Bl.:



frequency in MHz 657.250
 azimut in ° .0
 omni-dir in dBd 10.01

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mj 29.3.** 9:34		B1.:



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