

frequency in MHz 181.250  
 down-tilt in .0  
 max / mean in dB 3.75

Alejandro Luciano

<b>SCALE</b> Medford Oregon	2 x 2 DRV Array (small radius)	Typ Nr.
MB 21.1.14 10:39	CH: 8	Bl.:

simulation with typical exactness of +/- 8% of max signal

# Azimuth Radiation Pattern in % and dB at downtilt: .0

f = 181.250MHz

azimuth	%	dB	azimuth	%	dB
0	3.0	-30.4	180	92.3	-.7
5	6.0	-24.5	185	88.9	-1.0
10	10.4	-19.6	190	88.6	-1.1
15	15.4	-16.3	195	87.3	-1.2
20	20.8	-13.6	200	83.1	-1.6
25	27.5	-11.2	205	78.6	-2.1
30	34.8	-9.2	210	73.3	-2.7
35	41.9	-7.6	215	67.8	-3.4
40	48.9	-6.2	220	61.8	-4.2
45	55.5	-5.1	225	55.5	-5.1
50	61.8	-4.2	230	48.9	-6.2
55	67.8	-3.4	235	41.9	-7.6
60	73.2	-2.7	240	34.8	-9.2
65	78.5	-2.1	245	27.6	-11.2
70	83.1	-1.6	250	20.8	-13.6
75	87.3	-1.2	255	15.4	-16.3
80	88.5	-1.1	260	10.5	-19.6
85	88.9	-1.0	265	6.0	-24.5
90	92.3	-.7	270	3.0	-30.3
95	93.5	-.6	275	1.6	-36.0
100	95.1	-.4	280	5.2	-25.6
105	96.4	-.3	285	8.6	-21.3
110	97.1	-.3	290	12.0	-18.4
115	98.4	-.1	295	15.8	-16.0
120	99.4	-.1	300	19.3	-14.3
125	99.7	.0	305	21.7	-13.3
130	99.8	.0	310	23.1	-12.7
135	100.0	.0	315	23.5	-12.6
140	99.8	.0	320	23.1	-12.7
145	99.7	.0	325	21.7	-13.3
150	99.4	-.1	330	19.3	-14.3
155	98.4	-.1	335	15.8	-16.0
160	97.1	-.3	340	12.0	-18.4
165	96.3	-.3	345	8.6	-21.3
170	95.1	-.4	350	5.2	-25.6
175	93.4	-.6	355	1.6	-36.0
180	92.3	-.7	360	3.0	-30.4

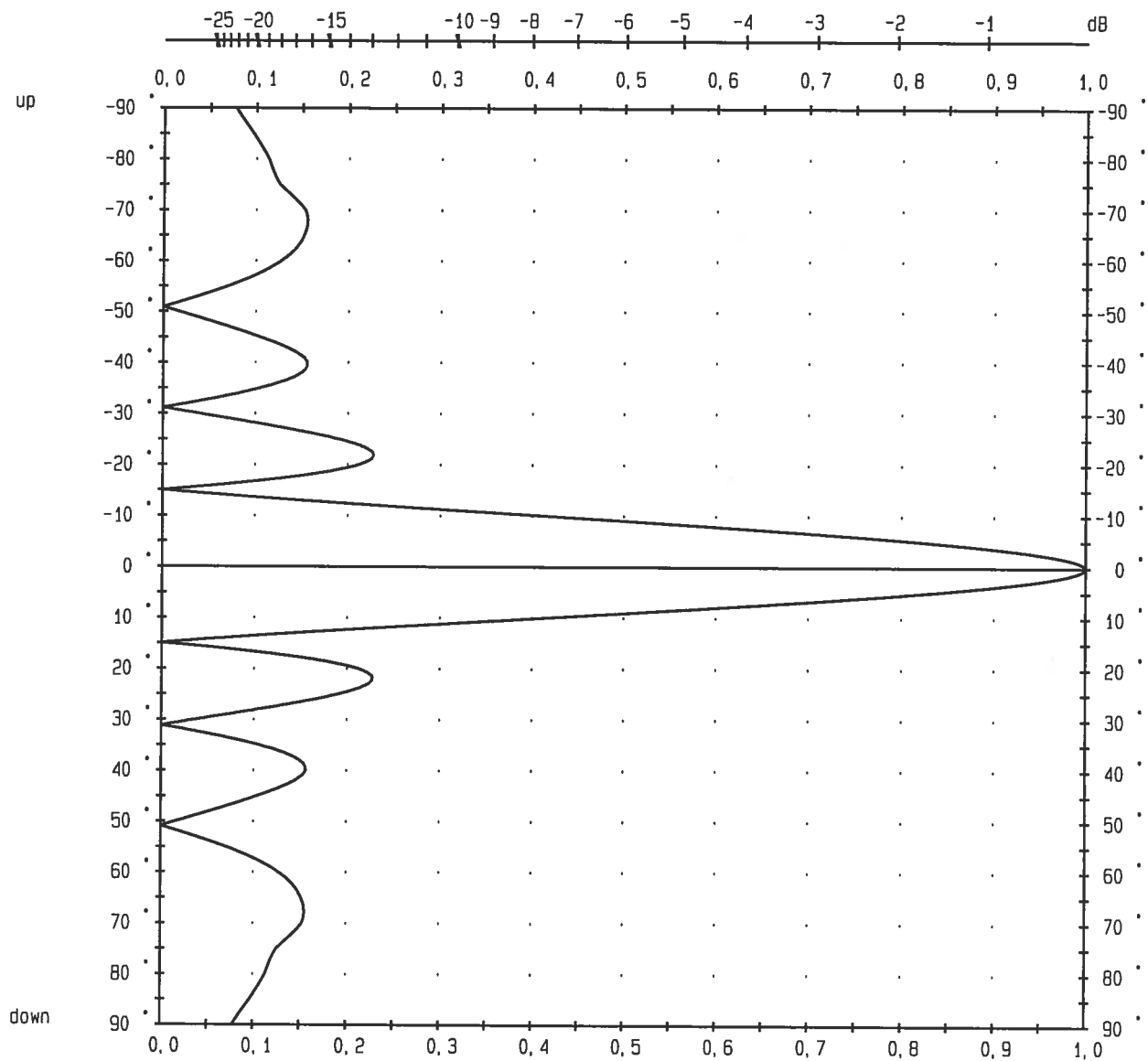
maximum fieldstrength was found at:

azimuth 135.

downtilt 0.

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<b>SCALA</b> Medford Oregon	2 x 2 DRV Array (small radius)	Typ Nr.
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