

frequency in MHz 193.250
down-tilt in 0
max / mean in dB 3.53

SCALA Medford Oregon	2 x 2 K52 31 57 Panel Array Channel - 10	Typ Nr.
		Bl.

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

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

f = 193.250MHz

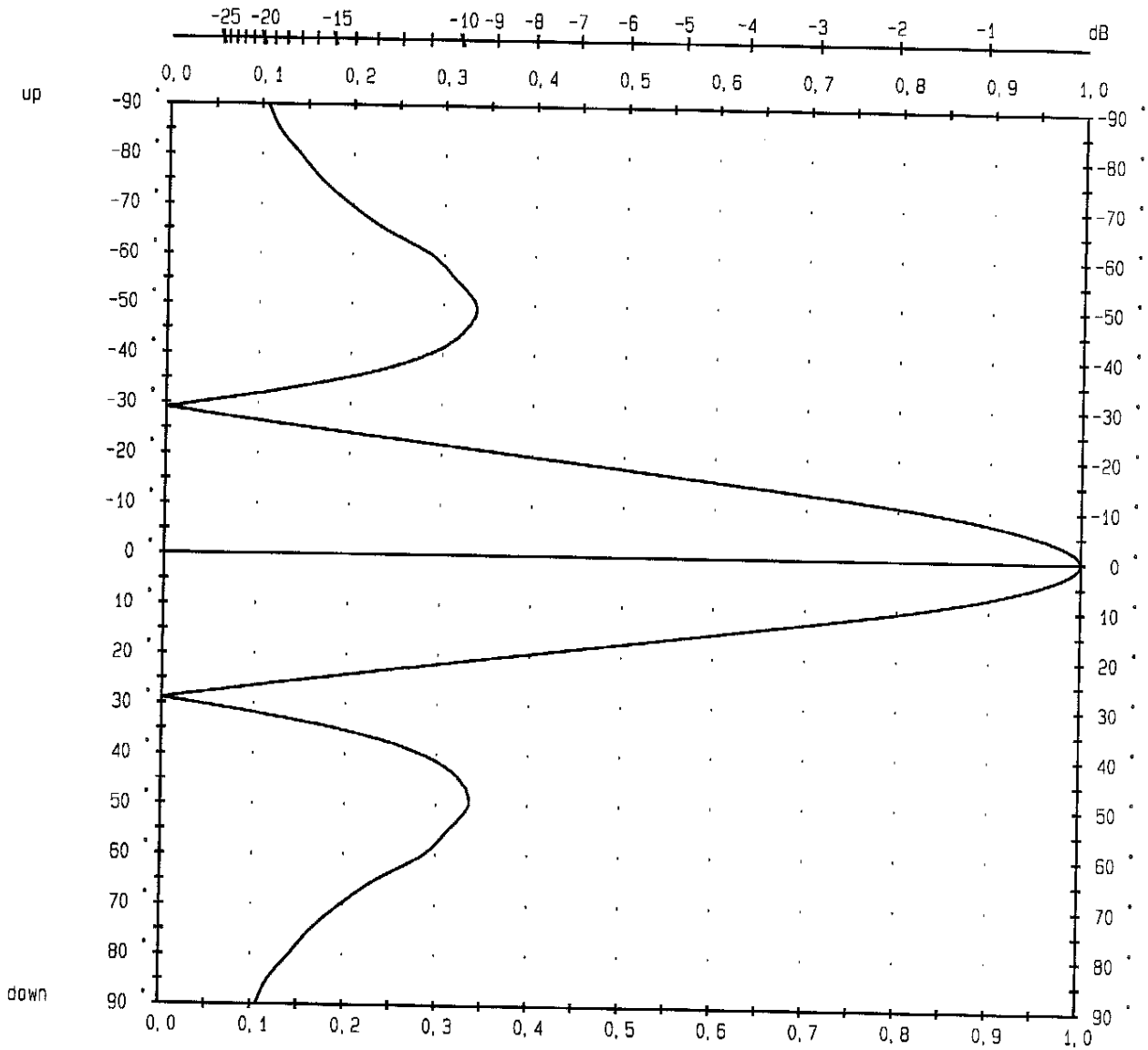
azimuth	%	dB	azimuth	%	dB
0	34.8	-9.2	180	20.7	-13.7
5	34.8	-9.2	185	20.7	-13.7
10	33.0	-9.6	190	17.8	-15.0
15	28.9	-10.8	195	13.8	-17.2
20	37.6	-8.5	200	12.6	-18.0
25	46.5	-6.6	205	11.8	-18.5
30	61.2	-4.3	210	20.9	-13.6
35	75.1	-2.5	215	25.2	-12.0
40	84.0	-1.5	220	28.1	-11.0
45	89.3	-1.0	225	30.1	-10.4
50	92.4	-.7	230	33.7	-9.5
55	93.9	-.5	235	38.1	-8.4
60	95.6	-.4	240	44.3	-7.1
65	97.6	-.2	245	55.8	-5.1
70	98.5	-.1	250	66.2	-3.6
75	99.3	-.1	255	73.6	-2.7
80	99.9	.0	260	80.3	-1.9
85	99.5	.0	265	86.8	-1.2
90	96.3	-.3	270	91.7	-.8
95	91.7	-.8	275	96.3	-.3
100	86.8	-1.2	280	99.5	.0
105	80.2	-1.9	285	99.9	.0
110	73.6	-2.7	290	99.4	-.1
115	66.2	-3.6	295	98.5	-.1
120	55.8	-5.1	300	97.6	-.2
125	44.3	-7.1	305	95.6	-.4
130	38.1	-8.4	310	94.0	-.5
135	33.7	-9.5	315	92.4	-.7
140	30.1	-10.4	320	89.3	-1.0
145	28.1	-11.0	325	84.0	-1.5
150	25.2	-12.0	330	75.1	-2.5
155	20.9	-13.6	335	61.2	-4.3
160	11.8	-18.5	340	46.5	-6.7
165	12.6	-18.0	345	37.6	-8.5
170	13.9	-17.2	350	28.9	-10.8
175	17.8	-15.0	355	33.1	-9.6
180	20.7	-13.7	360	34.8	-9.2

maximum fieldstrength was found at:

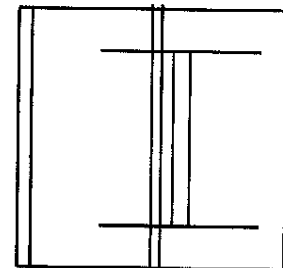
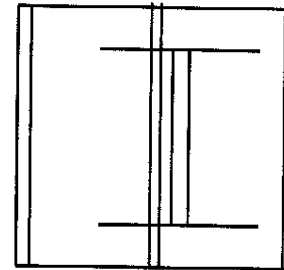
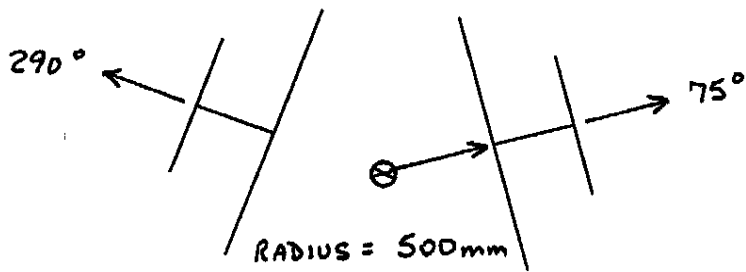
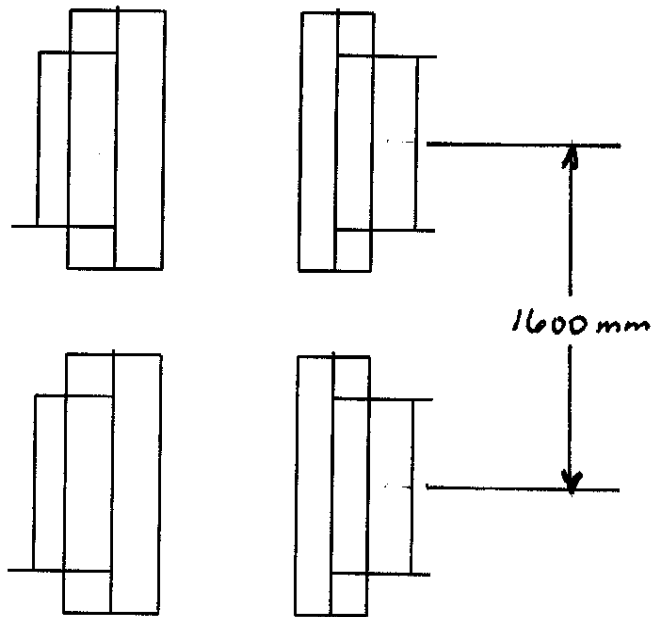
azimuth 283.

downtilt 0.

SCALA Medford Oregon GS 7.6. 2 13:8	2 x 2 K52 31 57 Panel Array Channel - 10	Typ Nr.
		81.:



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		Bl.



1 meter

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