

frequency in MHz 519.250
 down-tilt in ° .0
 max / mean in dB 4.37

du Treil, Lundin & Rackley, Inc.

SCALA Medford Oregon	2 x 2 K723147 Panel Array	Typ Nr.
MB 25.3. 9 9:12	CH 22	Bl.:

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

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

f = 519.250MHz

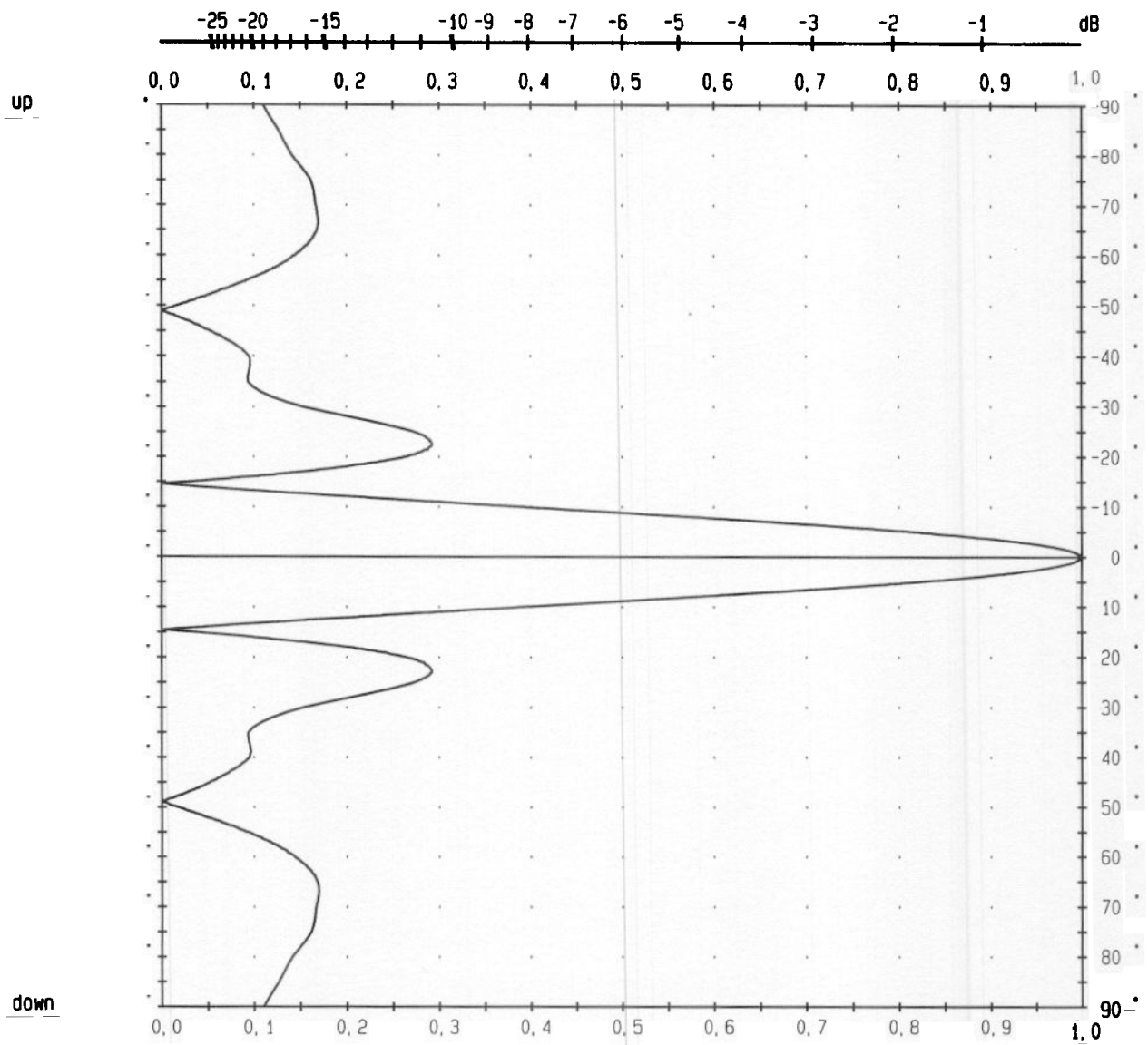
azimuth	%	dB	azimuth	%	dB
0	49.9	-6.0	180	75.6	-2.4
5	44.0	-7.1	185	70.0	-3.1
10	39.9	-8.0	190	63.7	-3.9
15	35.2	-9.1	195	57.4	-4.8
20	29.3	-10.7	200	50.4	-6.0
25	23.0	-12.8	205	41.1	-7.7
30	15.9	-16.0	210	30.1	-10.4
35	8.7	-21.2	215	19.5	-14.2
40	2.0	-33.8	220	11.3	-18.9
45	4.5	-26.9	225	9.3	-20.7
50	9.0	-21.0	230	10.8	-19.3
55	10.9	-19.2	235	11.6	-18.7
60	9.0	-20.9	240	10.8	-19.3
65	4.5	-26.9	245	9.3	-20.7
70	2.1	-33.6	250	11.3	-18.9
75	8.6	-21.3	255	19.5	-14.2
80	15.9	-16.0	260	30.1	-10.4
85	23.0	-12.8	265	41.0	-7.7
90	29.3	-10.7	270	50.4	-6.0
95	35.2	-9.1	275	57.4	-4.8
100	39.9	-8.0	280	63.7	-3.9
105	44.0	-7.1	285	70.0	-3.1
110	49.9	-6.0	290	75.6	-2.4
115	57.4	-4.8	295	80.0	-1.9
120	66.8	-3.5	300	85.5	-1.4
125	75.9	-2.4	305	90.6	-.9
130	84.2	-1.5	310	95.0	-.4
135	91.2	-.8	315	98.7	-.1
140	96.2	-.3	320	100.0	.0
145	98.9	-.1	325	99.0	-.1
150	100.0	.0	330	96.3	-.3
155	98.6	-.1	335	91.4	-.8
160	95.0	-.4	340	84.2	-1.5
165	90.6	-.9	345	76.0	-2.4
170	85.5	-1.4	350	66.9	-3.5
175	80.0	-1.9	355	57.5	-4.8
180	75.6	-2.4	360	49.9	-6.0

maximum fieldstrength was found at:

azimuth 150.
downtilt 0.

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S C A L A Medford Oregon MB 25.3. 9 9:12	2 x 2 K723147 Panel Array CH 22	Typ Nr.
		01.:



frequency in MHz 519.250
 azimuth in ° 150.0
 omni-dir in dBd 6.58

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SCALA Medford Oregon	2 x 2 K723147 Panel Array	Typ Nr.
MB 25.3. 9 9: 11	CH 22	Bl.: