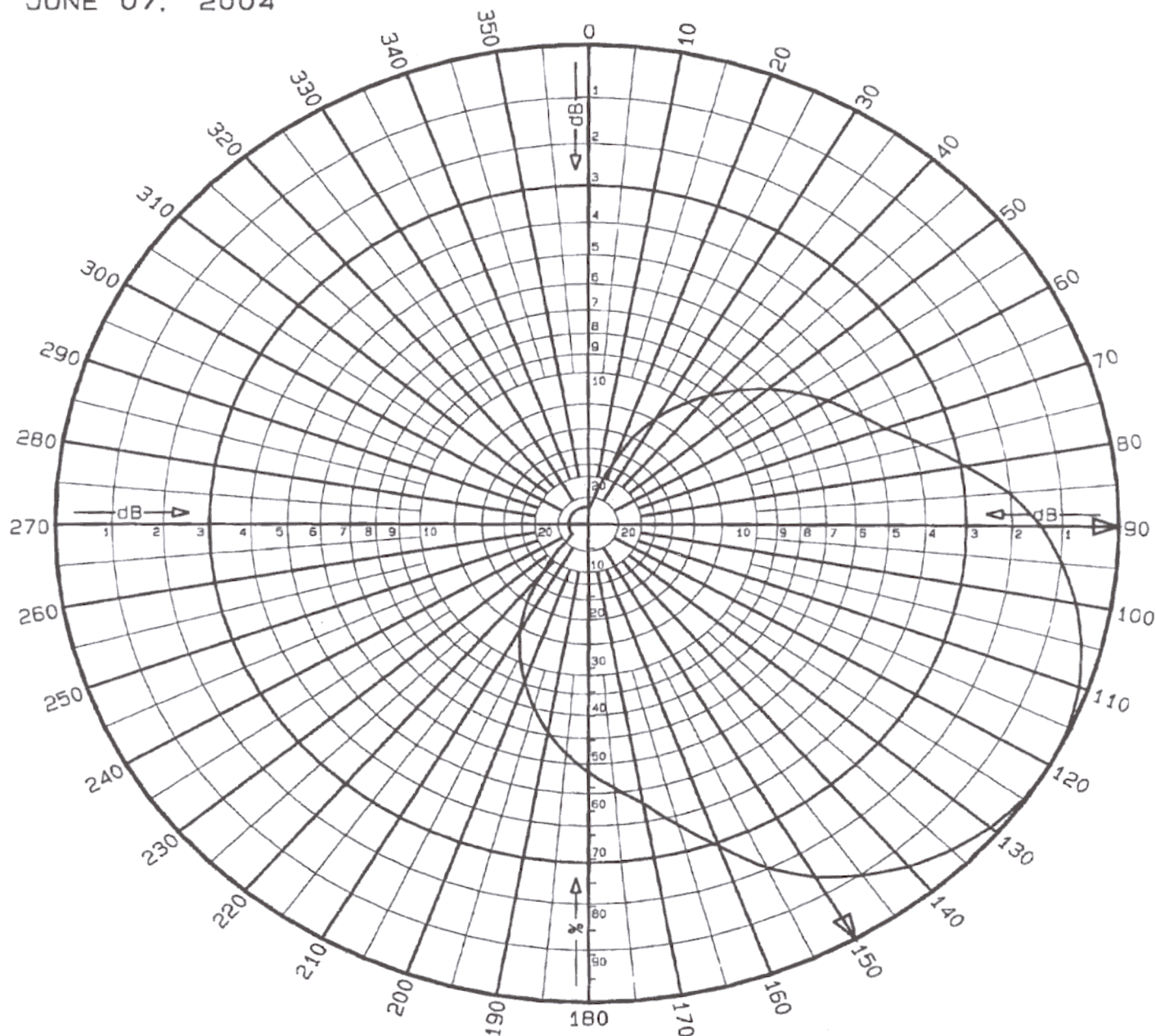


EXHIBIT E-2 Directional Antenna Azimuth Pattern Plot & Tabulation for KQBA

JUNE 07, 2004



TWO CL-FM/VRM LOG-PERIODIC ANTENNAS
ORIENTED AT 90 AND 150 DEGREES
WITH EVEN POWER SPLIT (50/50%)
FREQUENCY: 107.5 MHz.
MAXIMUM ARRAY GAIN: 7.7 dBd
POWER GAIN: 5.9
VERTICAL POLARIZATION
VERTICAL STACK
HORIZONTAL PLANE PATTERN

KATHREIN
SCALA DIVISION

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Medford, OR 97501 (USA) Fax: (541) 779-3991
<http://www.kathrein.com>

EXHIBIT E-2 cont'd page two:

2 X CL-FM/VRM. 90 & 150 DEG
 VERTICAL POLARIZATION - HORIZONTAL PLANE PATTERN

Azimuth	Relative Field	Relative dB	dBd	Power Gain
0	0.037	-28.7	-21.0	0.008
10	0.049	-26.2	-18.5	0.014
20	0.135	-17.4	-9.7	0.107
30	0.257	-11.8	-4.1	0.389
40	0.351	-9.1	-1.4	0.724
50	0.440	-7.1	0.6	1.148
60	0.518	-5.7	2.0	1.585
70	0.591	-4.6	3.1	2.042
80	0.716	-2.9	4.8	3.020
90	0.850	-1.4	6.3	4.266
100	0.932	-0.6	7.1	5.129
110	0.983	-0.2	7.5	5.623
120	1.000	0.0	7.7	5.888
130	0.983	-0.2	7.5	5.623
140	0.932	-0.6	7.1	5.129
150	0.850	-1.4	6.3	4.266
160	0.716	-2.9	4.8	3.020
170	0.591	-4.6	3.1	2.042
180	0.518	-5.7	2.0	1.585
190	0.440	-7.1	0.6	1.148
200	0.351	-9.1	-1.4	0.724
210	0.257	-11.8	-4.1	0.389
220	0.135	-17.4	-9.7	0.107
230	0.049	-26.2	-18.5	0.014
240	0.037	-28.7	-21.0	0.008
250	0.037	-28.7	-21.0	0.008
260	0.037	-28.7	-21.0	0.008
270	0.037	-28.7	-21.0	0.008
280	0.037	-28.7	-21.0	0.008
290	0.037	-28.7	-21.0	0.008
300	0.037	-28.7	-21.0	0.008
310	0.037	-28.7	-21.0	0.008
320	0.037	-28.7	-21.0	0.008
330	0.037	-28.7	-21.0	0.008
340	0.037	-28.7	-21.0	0.008
350	0.037	-28.7	-21.0	0.008