

2400L H-V 2400L H-H 2400L H-V

Newport/87
CW freq:
2/20/2003E
rotator
position in

Max gain: 1.336

degrees	dB	dB	dB
0.02	-18.755	-7.678	-1.118
1.702	-18.916	-7.868	-0.869
3.769	-19.2	-8.062	-0.591
5.853	-19.412	-8.199	-0.334
7.914	-19.402	-8.302	-0.128
10.013	-19.406	-8.398	0.087
12.059	-19.521	-8.472	0.286
14.138	-19.467	-8.525	0.481
16.202	-19.28	-8.52	0.641
18.315	-19.117	-8.514	0.796
20.401	-19.11	-8.5	0.919
22.502	-18.972	-8.424	1.018
24.573	-18.839	-8.379	1.104
26.641	-18.678	-8.298	1.184
28.725	-18.669	-8.199	1.235
30.788	-18.551	-8.074	1.283
32.836	-18.614	-7.998	1.305
34.913	-18.529	-7.887	1.336
36.975	-18.596	-7.788	1.306
39.039	-18.513	-7.64	1.297
41.138	-18.265	-7.58	1.244
43.201	-18.158	-7.514	1.157
45.277	-18.032	-7.463	1.094
47.342	-17.73	-7.402	0.99
49.425	-17.349	-7.385	0.882
51.487	-16.94	-7.419	0.755
53.557	-16.404	-7.484	0.596
55.63	-15.926	-7.582	0.391
57.684	-15.39	-7.683	0.239
59.751	-14.716	-7.835	0.025
61.812	-14.145	-8.025	-0.224
63.905	-13.523	-8.345	-0.502
65.98	-12.975	-8.671	-0.794
68.046	-12.409	-9.051	-1.1
70.137	-12.017	-9.409	-1.376
72.242	-11.426	-9.872	-1.749
74.31	-11.025	-10.348	-2.143
76.398	-10.643	-10.876	-2.597
78.488	-10.329	-11.32	-3.063
80.551	-10.079	-11.665	-3.619
82.614	-9.94	-11.8	-4.178
84.678	-9.807	-11.764	-4.68
86.745	-9.821	-11.511	-5.376
88.851	-9.885	-11.004	-6.129
90.905	-10.078	-10.367	-7.001

92.969	-10.391	-9.683	-7.904
95.028	-10.713	-9.089	-8.946
97.09	-11.185	-8.336	-10.189
99.152	-11.818	-7.669	-11.274
101.218	-12.688	-6.999	-12.756
103.313	-13.718	-6.425	-14.535
105.393	-15.039	-5.952	-16.51
107.485	-16.695	-5.592	-18.412
109.552	-18.341	-5.223	-19.505
111.618	-20.781	-4.921	-19.088
113.685	-23.354	-4.674	-17.472
115.764	-24.43	-4.5	-15.589
117.826	-22.442	-4.394	-13.722
119.895	-20.373	-4.346	-12.142
121.96	-18.032	-4.3	-10.788
124.051	-16.097	-4.337	-9.804
126.13	-14.585	-4.406	-8.726
128.22	-13.341	-4.454	-7.804
130.314	-12.359	-4.527	-6.953
132.393	-11.62	-4.618	-6.208
134.476	-11.138	-4.696	-5.524
136.54	-10.662	-4.718	-5.024
138.602	-10.268	-4.717	-4.456
140.668	-10.019	-4.679	-3.948
142.764	-9.881	-4.574	-3.474
144.835	-9.84	-4.42	-3.097
146.905	-9.87	-4.218	-2.685
148.989	-9.981	-4.014	-2.289
151.09	-10.272	-3.813	-2.013
153.163	-10.563	-3.563	-1.725
155.252	-11	-3.317	-1.43
157.328	-11.474	-3.065	-1.2
159.414	-12.131	-2.822	-0.98
161.477	-12.727	-2.605	-0.755
163.561	-13.622	-2.456	-0.622
165.638	-14.787	-2.27	-0.466
167.706	-16.138	-2.129	-0.298
169.808	-17.676	-1.983	-0.183
171.903	-19.856	-1.892	-0.085
174.043	-22.815	-1.83	0.043
176.161	-27.466	-1.769	0.124
178.239	-36.798	-1.747	0.17
180.302	-37.24	-1.738	0.196
182.402	-27.643	-1.789	0.247
184.465	-23.055	-1.847	0.237
186.536	-19.913	-1.932	0.259
188.627	-17.838	-2.064	0.25
190.696	-16.063	-2.17	0.194
192.769	-14.948	-2.355	0.175
194.852	-13.776	-2.606	0.141
196.924	-12.774	-2.873	0.079

198.996	-11.919	-3.195	-0.018
201.077	-11.241	-3.6	-0.118
203.141	-10.575	-3.929	-0.252
205.213	-10.087	-4.442	-0.358
207.311	-9.65	-5.021	-0.497
209.378	-9.195	-5.704	-0.672
211.473	-8.876	-6.522	-0.824
213.565	-8.609	-7.458	-0.989
215.633	-8.425	-8.593	-1.179
217.701	-8.228	-9.998	-1.396
219.789	-8.117	-11.359	-1.538
221.861	-8.048	-13.472	-1.762
223.928	-8.064	-16.109	-2.015
226.014	-8.085	-19.465	-2.255
228.076	-8.204	-21.816	-2.514
230.151	-8.354	-19.638	-2.777
232.241	-8.557	-16.814	-3.039
234.361	-8.793	-13.879	-3.318
236.439	-9.081	-11.594	-3.642
238.502	-9.405	-9.758	-3.921
240.571	-9.821	-8.306	-4.252
242.647	-10.239	-7.151	-4.578
244.727	-10.66	-6.373	-4.917
246.807	-11.116	-5.562	-5.22
248.891	-11.459	-4.884	-5.596
251.009	-11.855	-4.369	-5.982
253.171	-12.181	-3.967	-6.351
255.234	-12.476	-3.661	-6.777
257.44	-12.611	-3.445	-7.188
259.506	-12.798	-3.381	-7.562
261.569	-12.787	-3.389	-7.939
263.67	-12.818	-3.468	-8.394
265.801	-12.818	-3.713	-8.862
267.865	-12.728	-4.027	-9.326
269.928	-12.824	-4.491	-9.823
272.001	-12.882	-5.067	-10.432
274.071	-12.884	-5.606	-10.835
276.153	-13.451	-6.428	-11.433
278.223	-13.609	-7.363	-12.159
280.289	-13.974	-8.439	-12.846
282.359	-14.315	-9.551	-13.691
284.44	-14.827	-10.63	-14.316
286.502	-15.465	-11.318	-15.103
288.579	-16.296	-11.583	-15.985
290.666	-17.166	-11.325	-16.98
292.729	-18.254	-10.508	-17.84
294.829	-19.25	-9.463	-18.774
296.89	-20.765	-8.403	-19.532
298.953	-22.77	-7.453	-19.869
301.023	-25.68	-6.752	-20.004
303.115	-28.906	-5.983	-19.499

305.178	-32.844	-5.344	-18.776
307.287	-32.41	-4.805	-17.757
309.378	-29.383	-4.364	-16.62
311.459	-25.519	-4.011	-15.501
313.732	-23.127	-3.795	-14.313
315.827	-21.347	-3.584	-13.298
317.927	-20.196	-3.452	-12.503
320.032	-19.159	-3.386	-11.546
322.097	-18.243	-3.367	-10.629
324.174	-17.491	-3.412	-9.785
326.253	-17.021	-3.518	-9.007
328.327	-16.485	-3.592	-8.264
330.399	-16.217	-3.785	-7.578
332.487	-16.024	-3.977	-7.026
334.559	-15.916	-4.202	-6.406
336.754	-15.873	-4.464	-5.801
338.833	-15.861	-4.735	-5.255
340.915	-15.929	-4.981	-4.692
342.982	-16.081	-5.285	-4.196
345.078	-16.251	-5.604	-3.719
347.141	-16.529	-5.913	-3.324
349.203	-16.739	-6.232	-2.9
351.267	-17.047	-6.523	-2.502
353.344	-17.451	-6.832	-2.119
355.466	-17.803	-7.105	-1.742
357.531	-18.193	-7.305	-1.417
359.589	-18.43	-7.551	-1.154
360.003	-18.455	-7.642	-1.121

753 position vs dB antenna gain data
2.400000000000000E+09
5:38 PM