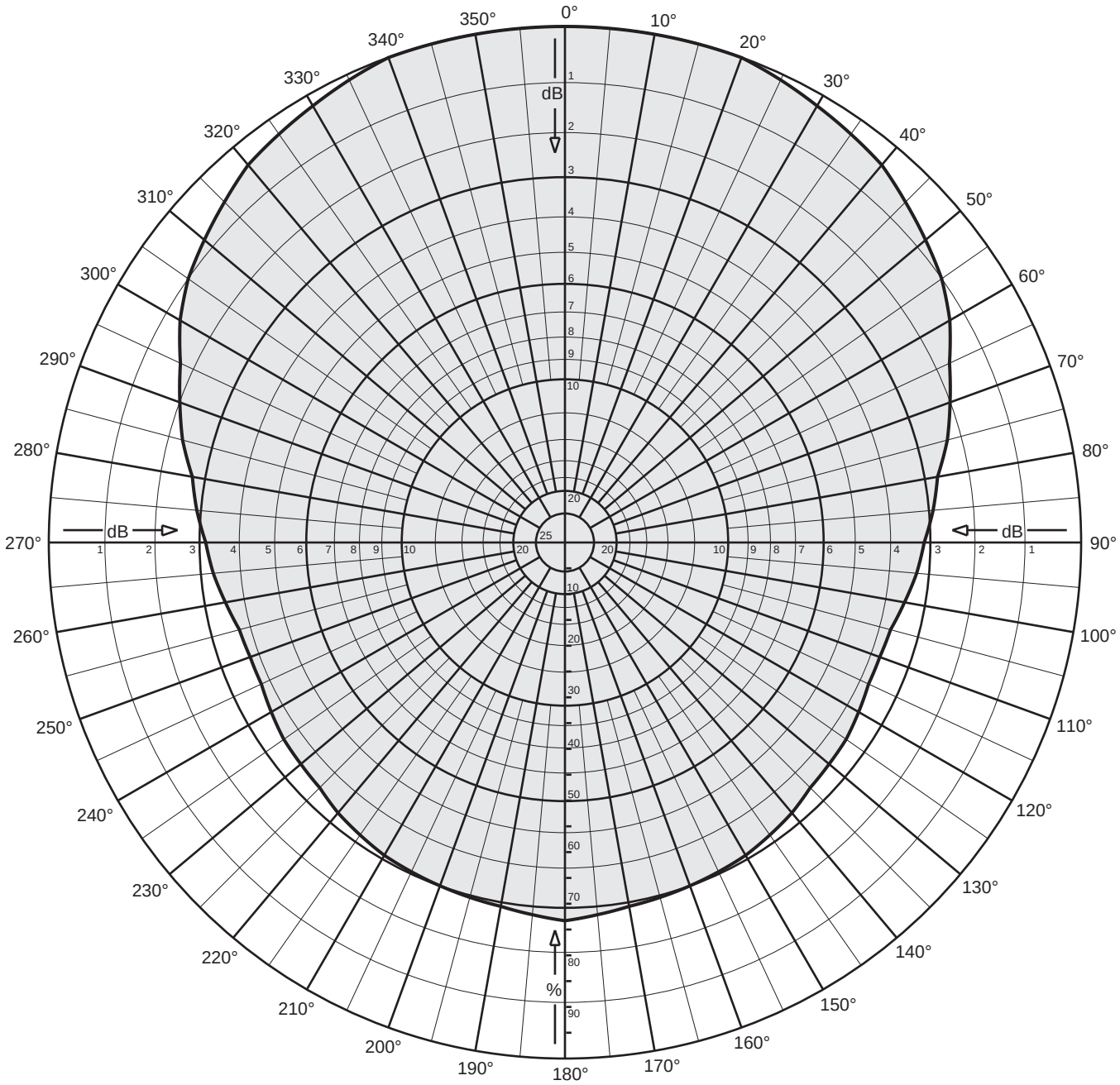


SL-8
Ch-29
Maximum gain: 11.4 dBd
Horizontal polarization
Horizontal plane pattern
1.75 degree electrical downtilt

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SL-8
Ch-29
Maximum gain: 11.4 dBd
Horizontal polarization
Horizontal plane pattern
1.75 degree electrical downtilt

Angle	Rel.Field	Rel.dB	dBd	PwrMult
0	1.000	0.00	11.40	13.80
1	1.000	0.00	11.40	13.80
2	1.000	0.00	11.40	13.80
3	1.000	0.00	11.40	13.80
4	1.000	0.00	11.40	13.80
5	1.000	0.00	11.40	13.80
6	1.000	0.00	11.40	13.80
7	1.000	0.00	11.40	13.80
8	1.000	0.00	11.40	13.80
9	1.000	0.00	11.40	13.80
10	1.000	0.00	11.40	13.80
11	1.000	0.00	11.40	13.80
12	1.000	0.00	11.40	13.80
13	1.000	0.00	11.40	13.80
14	1.000	0.00	11.40	13.80
15	1.000	0.00	11.40	13.80
16	1.000	0.00	11.40	13.80
17	1.000	0.00	11.40	13.80
18	1.000	0.00	11.40	13.80
19	1.000	0.00	11.40	13.80
20	1.000	0.00	11.40	13.80
21	0.998	-0.02	11.38	13.74
22	0.996	-0.04	11.36	13.68
23	0.993	-0.06	11.34	13.61
24	0.991	-0.08	11.32	13.55
25	0.989	-0.10	11.30	13.49
26	0.987	-0.12	11.28	13.43
27	0.984	-0.14	11.26	13.37
28	0.982	-0.16	11.24	13.30
29	0.979	-0.18	11.22	13.24
30	0.977	-0.20	11.20	13.18
31	0.975	-0.22	11.18	13.12
32	0.973	-0.24	11.16	13.06
33	0.970	-0.26	11.14	13.00
34	0.968	-0.28	11.12	12.94
35	0.966	-0.30	11.10	12.88
36	0.964	-0.32	11.08	12.82
37	0.962	-0.34	11.06	12.76
38	0.959	-0.36	11.04	12.71
39	0.957	-0.38	11.02	12.65

40	0.955	-0.40	11.00	12.59
41	0.951	-0.44	10.96	12.47
42	0.946	-0.48	10.92	12.36
43	0.942	-0.52	10.88	12.25
44	0.937	-0.56	10.84	12.13
45	0.933	-0.60	10.80	12.02
46	0.929	-0.64	10.76	11.91
47	0.925	-0.68	10.72	11.80
48	0.920	-0.72	10.68	11.69
49	0.916	-0.76	10.64	11.59
50	0.912	-0.80	10.60	11.48
51	0.908	-0.84	10.56	11.38
52	0.904	-0.88	10.52	11.27
53	0.899	-0.92	10.48	11.17
54	0.895	-0.96	10.44	11.07
55	0.891	-1.00	10.40	10.96
56	0.885	-1.06	10.34	10.81
57	0.879	-1.12	10.28	10.67
58	0.873	-1.18	10.22	10.52
59	0.867	-1.24	10.16	10.38
60	0.861	-1.30	10.10	10.23
61	0.853	-1.38	10.02	10.05
62	0.845	-1.46	9.94	9.86
63	0.838	-1.54	9.86	9.68
64	0.830	-1.62	9.78	9.51
65	0.822	-1.70	9.70	9.33
66	0.816	-1.76	9.64	9.20
67	0.811	-1.82	9.58	9.08
68	0.805	-1.88	9.52	8.95
69	0.800	-1.94	9.46	8.83
70	0.794	-2.00	9.40	8.71
71	0.789	-2.06	9.34	8.59
72	0.783	-2.12	9.28	8.47
73	0.778	-2.18	9.22	8.36
74	0.772	-2.24	9.16	8.24
75	0.767	-2.30	9.10	8.13
76	0.760	-2.38	9.02	7.98
77	0.753	-2.46	8.94	7.83
78	0.747	-2.54	8.86	7.69
79	0.740	-2.62	8.78	7.55
80	0.733	-2.70	8.70	7.41
81	0.730	-2.74	8.66	7.35
82	0.726	-2.78	8.62	7.28
83	0.723	-2.82	8.58	7.21
84	0.719	-2.86	8.54	7.14
85	0.716	-2.90	8.50	7.08
86	0.712	-2.95	8.45	7.00
87	0.708	-3.00	8.40	6.92
88	0.704	-3.05	8.35	6.84
89	0.700	-3.10	8.30	6.76
90	0.696	-3.15	8.25	6.68
91	0.694	-3.18	8.22	6.64
92	0.691	-3.21	8.19	6.59
93	0.689	-3.24	8.16	6.55

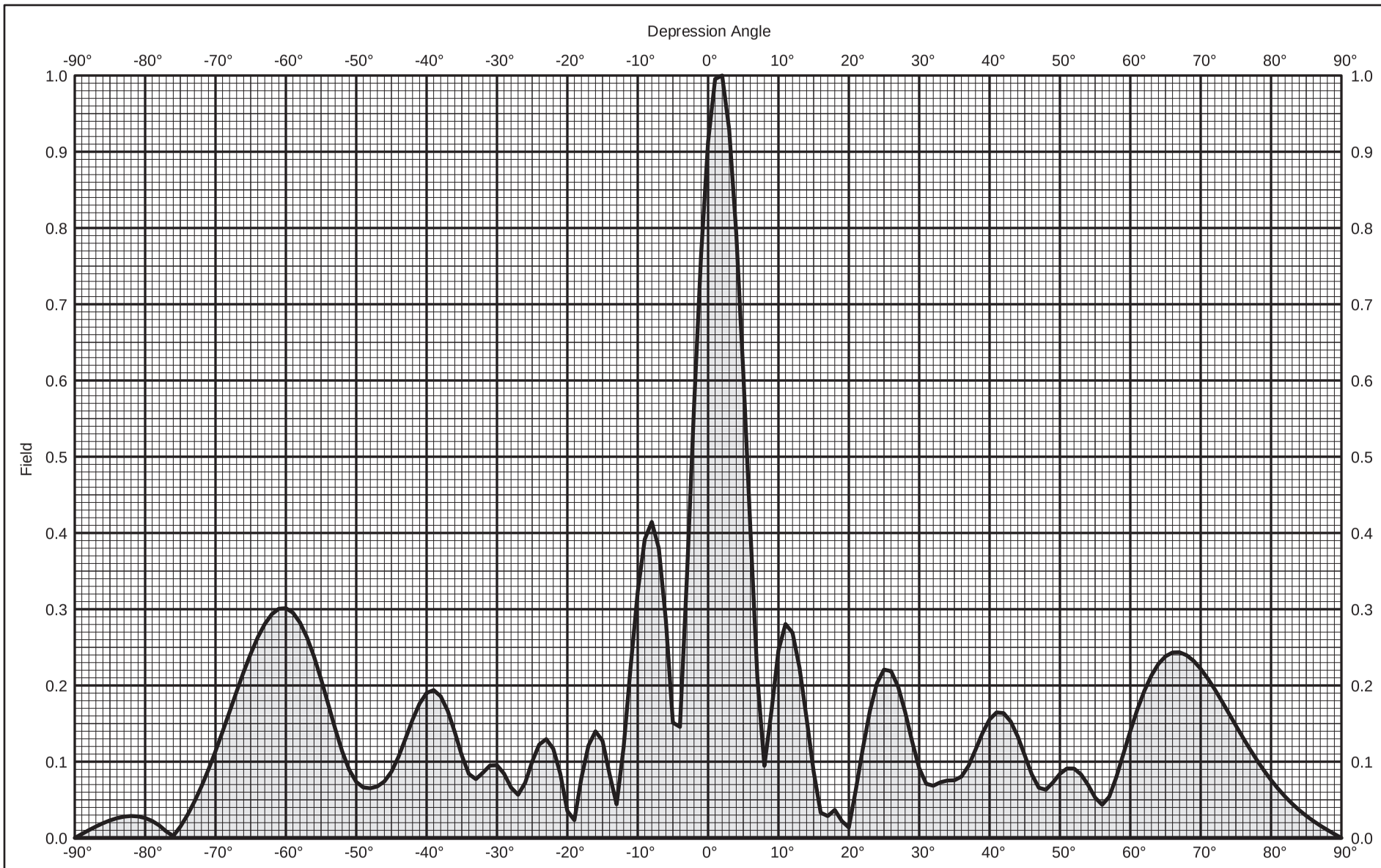
94	0.686	-3.27	8.13	6.50
95	0.684	-3.30	8.10	6.46
96	0.681	-3.34	8.06	6.40
97	0.678	-3.38	8.02	6.34
98	0.674	-3.42	7.98	6.28
99	0.671	-3.46	7.94	6.22
100	0.668	-3.50	7.90	6.17
101	0.665	-3.54	7.86	6.11
102	0.662	-3.58	7.82	6.05
103	0.659	-3.62	7.78	6.00
104	0.656	-3.66	7.74	5.94
105	0.653	-3.70	7.70	5.89
106	0.652	-3.71	7.69	5.87
107	0.651	-3.72	7.68	5.86
108	0.651	-3.73	7.67	5.85
109	0.650	-3.74	7.66	5.83
110	0.649	-3.76	7.64	5.81
111	0.649	-3.76	7.64	5.81
112	0.649	-3.76	7.64	5.81
113	0.649	-3.76	7.64	5.81
114	0.649	-3.76	7.64	5.81
115	0.649	-3.76	7.64	5.81
116	0.651	-3.73	7.67	5.85
117	0.652	-3.71	7.69	5.87
118	0.654	-3.69	7.71	5.90
119	0.655	-3.67	7.73	5.93
120	0.657	-3.65	7.75	5.96
121	0.659	-3.63	7.77	5.98
122	0.660	-3.61	7.79	6.01
123	0.662	-3.59	7.81	6.04
124	0.663	-3.56	7.84	6.08
125	0.665	-3.54	7.86	6.11
126	0.666	-3.54	7.86	6.11
127	0.666	-3.53	7.87	6.12
128	0.667	-3.52	7.88	6.14
129	0.667	-3.51	7.89	6.15
130	0.668	-3.50	7.90	6.17
131	0.669	-3.49	7.91	6.18
132	0.670	-3.48	7.92	6.19
133	0.670	-3.47	7.93	6.21
134	0.671	-3.46	7.94	6.22
135	0.672	-3.45	7.95	6.24
136	0.674	-3.42	7.98	6.28
137	0.677	-3.39	8.01	6.32
138	0.679	-3.36	8.04	6.37
139	0.682	-3.33	8.07	6.41
140	0.684	-3.30	8.10	6.46
141	0.686	-3.28	8.12	6.49
142	0.687	-3.26	8.14	6.52
143	0.689	-3.24	8.16	6.55
144	0.690	-3.22	8.18	6.58
145	0.692	-3.20	8.20	6.61
146	0.694	-3.18	8.22	6.64
147	0.695	-3.16	8.24	6.67

148	0.697	-3.14	8.26	6.70
149	0.698	-3.12	8.28	6.73
150	0.700	-3.10	8.30	6.76
151	0.701	-3.09	8.31	6.78
152	0.702	-3.08	8.32	6.79
153	0.702	-3.07	8.33	6.81
154	0.703	-3.06	8.34	6.82
155	0.704	-3.05	8.35	6.84
156	0.705	-3.04	8.36	6.85
157	0.706	-3.03	8.37	6.87
158	0.706	-3.02	8.38	6.89
159	0.707	-3.01	8.39	6.90
160	0.708	-3.00	8.40	6.92
161	0.709	-2.99	8.41	6.93
162	0.710	-2.98	8.42	6.95
163	0.710	-2.97	8.43	6.97
164	0.711	-2.96	8.44	6.98
165	0.712	-2.95	8.45	7.00
166	0.713	-2.94	8.46	7.01
167	0.714	-2.93	8.47	7.03
168	0.714	-2.92	8.48	7.05
169	0.715	-2.91	8.49	7.06
170	0.716	-2.90	8.50	7.08
171	0.718	-2.88	8.52	7.11
172	0.719	-2.86	8.54	7.14
173	0.721	-2.84	8.56	7.18
174	0.722	-2.82	8.58	7.21
175	0.724	-2.81	8.59	7.23
176	0.726	-2.78	8.62	7.28
177	0.728	-2.76	8.64	7.31
178	0.729	-2.74	8.66	7.35
179	0.731	-2.72	8.68	7.38
180	0.733	-2.70	8.70	7.41
181	0.731	-2.72	8.68	7.38
182	0.729	-2.74	8.66	7.35
183	0.728	-2.76	8.64	7.31
184	0.726	-2.78	8.62	7.28
185	0.724	-2.81	8.59	7.23
186	0.722	-2.82	8.58	7.21
187	0.721	-2.84	8.56	7.18
188	0.719	-2.86	8.54	7.14
189	0.718	-2.88	8.52	7.11
190	0.716	-2.90	8.50	7.08
191	0.715	-2.91	8.49	7.06
192	0.714	-2.92	8.48	7.05
193	0.714	-2.93	8.47	7.03
194	0.713	-2.94	8.46	7.01
195	0.712	-2.95	8.45	7.00
196	0.711	-2.96	8.44	6.98
197	0.710	-2.97	8.43	6.97
198	0.710	-2.98	8.42	6.95
199	0.709	-2.99	8.41	6.93
200	0.708	-3.00	8.40	6.92
201	0.707	-3.01	8.39	6.90

202	0.706	-3.02	8.38	6.89
203	0.706	-3.03	8.37	6.87
204	0.705	-3.04	8.36	6.85
205	0.704	-3.05	8.35	6.84
206	0.703	-3.06	8.34	6.82
207	0.702	-3.07	8.33	6.81
208	0.702	-3.08	8.32	6.79
209	0.701	-3.09	8.31	6.78
210	0.700	-3.10	8.30	6.76
211	0.698	-3.12	8.28	6.73
212	0.697	-3.14	8.26	6.70
213	0.695	-3.16	8.24	6.67
214	0.694	-3.18	8.22	6.64
215	0.692	-3.20	8.20	6.61
216	0.690	-3.22	8.18	6.58
217	0.689	-3.24	8.16	6.55
218	0.687	-3.26	8.14	6.52
219	0.686	-3.28	8.12	6.49
220	0.684	-3.30	8.10	6.46
221	0.682	-3.33	8.07	6.41
222	0.679	-3.36	8.04	6.37
223	0.677	-3.39	8.01	6.32
224	0.674	-3.42	7.98	6.28
225	0.672	-3.45	7.95	6.24
226	0.671	-3.46	7.94	6.22
227	0.670	-3.47	7.93	6.21
228	0.670	-3.48	7.92	6.19
229	0.669	-3.49	7.91	6.18
230	0.668	-3.50	7.90	6.17
231	0.667	-3.51	7.89	6.15
232	0.667	-3.52	7.88	6.14
233	0.666	-3.53	7.87	6.12
234	0.666	-3.54	7.86	6.11
235	0.665	-3.54	7.86	6.11
236	0.663	-3.56	7.84	6.08
237	0.662	-3.59	7.81	6.04
238	0.660	-3.61	7.79	6.01
239	0.659	-3.63	7.77	5.98
240	0.657	-3.65	7.75	5.96
241	0.655	-3.67	7.73	5.93
242	0.654	-3.69	7.71	5.90
243	0.652	-3.71	7.69	5.87
244	0.651	-3.73	7.67	5.85
245	0.649	-3.76	7.64	5.81
246	0.649	-3.76	7.64	5.81
247	0.649	-3.76	7.64	5.81
248	0.649	-3.76	7.64	5.81
249	0.649	-3.76	7.64	5.81
250	0.649	-3.76	7.64	5.81
251	0.650	-3.74	7.66	5.83
252	0.651	-3.73	7.67	5.85
253	0.651	-3.72	7.68	5.86
254	0.652	-3.71	7.69	5.87
255	0.653	-3.70	7.70	5.89

256	0.656	-3.66	7.74	5.94
257	0.659	-3.62	7.78	6.00
258	0.662	-3.58	7.82	6.05
259	0.665	-3.54	7.86	6.11
260	0.668	-3.50	7.90	6.17
261	0.671	-3.46	7.94	6.22
262	0.674	-3.42	7.98	6.28
263	0.678	-3.38	8.02	6.34
264	0.681	-3.34	8.06	6.40
265	0.684	-3.30	8.10	6.46
266	0.686	-3.27	8.13	6.50
267	0.689	-3.24	8.16	6.55
268	0.691	-3.21	8.19	6.59
269	0.694	-3.18	8.22	6.64
270	0.696	-3.15	8.25	6.68
271	0.700	-3.10	8.30	6.76
272	0.704	-3.05	8.35	6.84
273	0.708	-3.00	8.40	6.92
274	0.712	-2.95	8.45	7.00
275	0.716	-2.90	8.50	7.08
276	0.719	-2.86	8.54	7.14
277	0.723	-2.82	8.58	7.21
278	0.726	-2.78	8.62	7.28
279	0.730	-2.74	8.66	7.35
280	0.733	-2.70	8.70	7.41
281	0.740	-2.62	8.78	7.55
282	0.747	-2.54	8.86	7.69
283	0.753	-2.46	8.94	7.83
284	0.760	-2.38	9.02	7.98
285	0.767	-2.30	9.10	8.13
286	0.772	-2.24	9.16	8.24
287	0.778	-2.18	9.22	8.36
288	0.783	-2.12	9.28	8.47
289	0.789	-2.06	9.34	8.59
290	0.794	-2.00	9.40	8.71
291	0.800	-1.94	9.46	8.83
292	0.805	-1.88	9.52	8.95
293	0.811	-1.82	9.58	9.08
294	0.816	-1.76	9.64	9.20
295	0.822	-1.70	9.70	9.33
296	0.830	-1.62	9.78	9.51
297	0.838	-1.54	9.86	9.68
298	0.845	-1.46	9.94	9.86
299	0.853	-1.38	10.02	10.05
300	0.861	-1.30	10.10	10.23
301	0.867	-1.24	10.16	10.38
302	0.873	-1.18	10.22	10.52
303	0.879	-1.12	10.28	10.67
304	0.885	-1.06	10.34	10.81
305	0.891	-1.00	10.40	10.96
306	0.895	-0.96	10.44	11.07
307	0.899	-0.92	10.48	11.17
308	0.904	-0.88	10.52	11.27
309	0.908	-0.84	10.56	11.38

310	0.912	-0.80	10.60	11.48
311	0.916	-0.76	10.64	11.59
312	0.920	-0.72	10.68	11.69
313	0.925	-0.68	10.72	11.80
314	0.929	-0.64	10.76	11.91
315	0.933	-0.60	10.80	12.02
316	0.937	-0.56	10.84	12.13
317	0.942	-0.52	10.88	12.25
318	0.946	-0.48	10.92	12.36
319	0.951	-0.44	10.96	12.47
320	0.955	-0.40	11.00	12.59
321	0.957	-0.38	11.02	12.65
322	0.959	-0.36	11.04	12.71
323	0.962	-0.34	11.06	12.76
324	0.964	-0.32	11.08	12.82
325	0.966	-0.30	11.10	12.88
326	0.968	-0.28	11.12	12.94
327	0.970	-0.26	11.14	13.00
328	0.973	-0.24	11.16	13.06
329	0.975	-0.22	11.18	13.12
330	0.977	-0.20	11.20	13.18
331	0.979	-0.18	11.22	13.24
332	0.982	-0.16	11.24	13.30
333	0.984	-0.14	11.26	13.37
334	0.987	-0.12	11.28	13.43
335	0.989	-0.10	11.30	13.49
336	0.991	-0.08	11.32	13.55
337	0.993	-0.06	11.34	13.61
338	0.996	-0.04	11.36	13.68
339	0.998	-0.02	11.38	13.74
340	1.000	0.00	11.40	13.80
341	1.000	0.00	11.40	13.80
342	1.000	0.00	11.40	13.80
343	1.000	0.00	11.40	13.80
344	1.000	0.00	11.40	13.80
345	1.000	0.00	11.40	13.80
346	1.000	0.00	11.40	13.80
347	1.000	0.00	11.40	13.80
348	1.000	0.00	11.40	13.80
349	1.000	0.00	11.40	13.80
350	1.000	0.00	11.40	13.80
351	1.000	0.00	11.40	13.80
352	1.000	0.00	11.40	13.80
353	1.000	0.00	11.40	13.80
354	1.000	0.00	11.40	13.80
355	1.000	0.00	11.40	13.80
356	1.000	0.00	11.40	13.80
357	1.000	0.00	11.40	13.80
358	1.000	0.00	11.40	13.80
359	1.000	0.00	11.40	13.80



SL-8

Ch-29

Maximum gain: 11.4 dBd

Horizontal polarization

Vertical plane pattern

1.75 degree electrical downtilt

KATHREIN

USA

SL-8
Ch-29
Maximum gain: 11.4 dBd
Horizontal polarization
Vertical plane pattern
1.75 degree electrical downtilt

Angle	Rel.Field	Rel.dB	dBd	PwrMult
-90	0.010	-40.00	-28.60	0.00
-89	0.010	-40.00	-28.60	0.00
-88	0.010	-39.82	-28.42	0.00
-87	0.015	-36.49	-25.09	0.00
-86	0.019	-34.29	-22.89	0.01
-85	0.023	-32.75	-21.35	0.01
-84	0.026	-31.71	-20.31	0.01
-83	0.028	-31.07	-19.67	0.01
-82	0.029	-30.81	-19.41	0.01
-81	0.028	-30.98	-19.58	0.01
-80	0.026	-31.65	-20.25	0.01
-79	0.022	-33.04	-21.64	0.01
-78	0.016	-35.66	-24.26	0.00
-77	0.010	-40.00	-28.60	0.00
-76	0.010	-40.00	-28.60	0.00
-75	0.015	-36.63	-25.23	0.00
-74	0.030	-30.49	-19.09	0.01
-73	0.048	-26.46	-15.06	0.03
-72	0.068	-23.41	-12.01	0.06
-71	0.090	-20.94	-9.54	0.11
-70	0.114	-18.88	-7.48	0.18
-69	0.139	-17.12	-5.72	0.27
-68	0.166	-15.62	-4.22	0.38
-67	0.192	-14.33	-2.93	0.51
-66	0.218	-13.24	-1.84	0.65
-65	0.242	-12.34	-0.94	0.81
-64	0.263	-11.60	-0.20	0.95
-63	0.281	-11.04	0.36	1.09
-62	0.293	-10.65	0.75	1.19
-61	0.301	-10.44	0.96	1.25
-60	0.301	-10.42	0.98	1.25
-59	0.295	-10.59	0.81	1.21
-58	0.282	-10.98	0.42	1.10
-57	0.263	-11.60	-0.20	0.95
-56	0.238	-12.47	-1.07	0.78
-55	0.208	-13.63	-2.23	0.60
-54	0.176	-15.09	-3.69	0.43
-53	0.144	-16.86	-5.46	0.28
-52	0.114	-18.89	-7.49	0.18
-51	0.089	-20.97	-9.57	0.11

-50	0.074	-22.67	-11.27	0.07
-49	0.066	-23.57	-12.17	0.06
-48	0.065	-23.72	-12.32	0.06
-47	0.068	-23.40	-12.00	0.06
-46	0.074	-22.60	-11.20	0.08
-45	0.087	-21.23	-9.83	0.10
-44	0.106	-19.47	-8.07	0.16
-43	0.130	-17.70	-6.30	0.23
-42	0.155	-16.19	-4.79	0.33
-41	0.176	-15.08	-3.68	0.43
-40	0.190	-14.42	-3.02	0.50
-39	0.194	-14.25	-2.85	0.52
-38	0.186	-14.62	-3.22	0.48
-37	0.167	-15.56	-4.16	0.38
-36	0.139	-17.14	-5.74	0.27
-35	0.108	-19.31	-7.91	0.16
-34	0.084	-21.52	-10.12	0.10
-33	0.077	-22.25	-10.85	0.08
-32	0.086	-21.35	-9.95	0.10
-31	0.095	-20.45	-9.05	0.12
-30	0.095	-20.41	-9.01	0.13
-29	0.084	-21.48	-10.08	0.10
-28	0.066	-23.59	-12.19	0.06
-27	0.057	-24.94	-13.54	0.04
-26	0.072	-22.82	-11.42	0.07
-25	0.100	-19.99	-8.59	0.14
-24	0.122	-18.24	-6.84	0.21
-23	0.130	-17.75	-6.35	0.23
-22	0.117	-18.64	-7.24	0.19
-21	0.084	-21.50	-10.10	0.10
-20	0.035	-29.03	-17.63	0.02
-19	0.023	-32.62	-21.22	0.01
-18	0.079	-22.07	-10.67	0.09
-17	0.121	-18.33	-6.93	0.20
-16	0.140	-17.09	-5.69	0.27
-15	0.127	-17.90	-6.50	0.22
-14	0.084	-21.56	-10.16	0.10
-13	0.044	-27.11	-15.71	0.03
-12	0.119	-18.48	-7.08	0.20
-11	0.225	-12.95	-1.55	0.70
-10	0.323	-9.82	1.58	1.44
-9	0.392	-8.14	3.26	2.12
-8	0.414	-7.65	3.75	2.37
-7	0.380	-8.41	2.99	1.99
-6	0.285	-10.89	0.51	1.12
-5	0.151	-16.41	-5.01	0.32
-4	0.146	-16.73	-5.33	0.29
-3	0.344	-9.27	2.13	1.63
-2	0.565	-4.96	6.44	4.41
-1	0.764	-2.34	9.06	8.05
0	0.913	-0.79	10.61	11.51
1	0.995	-0.04	11.36	13.68
2	1.000	0.00	11.40	13.80
3	0.929	-0.64	10.76	11.91

4	0.793	-2.01	9.39	8.69
5	0.611	-4.28	7.12	5.15
6	0.407	-7.81	3.59	2.29
7	0.211	-13.51	-2.11	0.62
8	0.095	-20.48	-9.08	0.12
9	0.166	-15.59	-4.19	0.38
10	0.246	-12.18	-0.78	0.84
11	0.281	-11.04	0.36	1.09
12	0.269	-11.40	0.00	1.00
13	0.223	-13.04	-1.64	0.69
14	0.157	-16.10	-4.70	0.34
15	0.087	-21.19	-9.79	0.10
16	0.033	-29.58	-18.18	0.02
17	0.029	-30.84	-19.44	0.01
18	0.037	-28.69	-17.29	0.02
19	0.022	-33.04	-21.64	0.01
20	0.014	-37.29	-25.89	0.00
21	0.064	-23.94	-12.54	0.06
22	0.118	-18.58	-7.18	0.19
23	0.167	-15.55	-4.15	0.38
24	0.203	-13.85	-2.45	0.57
25	0.221	-13.12	-1.72	0.67
26	0.219	-13.20	-1.80	0.66
27	0.199	-14.04	-2.64	0.54
28	0.165	-15.63	-4.23	0.38
29	0.126	-17.96	-6.56	0.22
30	0.091	-20.78	-9.38	0.12
31	0.071	-22.97	-11.57	0.07
32	0.068	-23.29	-11.89	0.06
33	0.073	-22.74	-11.34	0.07
34	0.075	-22.46	-11.06	0.08
35	0.076	-22.42	-11.02	0.08
36	0.080	-21.89	-10.49	0.09
37	0.094	-20.50	-9.10	0.12
38	0.116	-18.74	-7.34	0.18
39	0.138	-17.22	-5.82	0.26
40	0.155	-16.17	-4.77	0.33
41	0.165	-15.67	-4.27	0.37
42	0.164	-15.72	-4.32	0.37
43	0.153	-16.32	-4.92	0.32
44	0.133	-17.51	-6.11	0.24
45	0.108	-19.30	-7.90	0.16
46	0.083	-21.58	-10.18	0.10
47	0.066	-23.63	-12.23	0.06
48	0.063	-23.98	-12.58	0.06
49	0.073	-22.77	-11.37	0.07
50	0.084	-21.50	-10.10	0.10
51	0.091	-20.81	-9.41	0.11
52	0.091	-20.82	-9.42	0.11
53	0.083	-21.58	-10.18	0.10
54	0.070	-23.16	-11.76	0.07
55	0.053	-25.52	-14.12	0.04
56	0.044	-27.23	-15.83	0.03
57	0.054	-25.36	-13.96	0.04

58	0.079	-22.01	-10.61	0.09
59	0.110	-19.19	-7.79	0.17
60	0.140	-17.07	-5.67	0.27
61	0.168	-15.47	-4.07	0.39
62	0.193	-14.29	-2.89	0.51
63	0.213	-13.43	-2.03	0.63
64	0.228	-12.83	-1.43	0.72
65	0.238	-12.46	-1.06	0.78
66	0.243	-12.28	-0.88	0.82
67	0.244	-12.27	-0.87	0.82
68	0.240	-12.41	-1.01	0.79
69	0.232	-12.68	-1.28	0.74
70	0.222	-13.08	-1.68	0.68
71	0.209	-13.59	-2.19	0.60
72	0.195	-14.20	-2.80	0.52
73	0.179	-14.92	-3.52	0.44
74	0.163	-15.73	-4.33	0.37
75	0.147	-16.63	-5.23	0.30
76	0.132	-17.61	-6.21	0.24
77	0.116	-18.68	-7.28	0.19
78	0.102	-19.83	-8.43	0.14
79	0.088	-21.07	-9.67	0.11
80	0.076	-22.39	-10.99	0.08
81	0.065	-23.80	-12.40	0.06
82	0.054	-25.32	-13.92	0.04
83	0.045	-26.96	-15.56	0.03
84	0.037	-28.75	-17.35	0.02
85	0.029	-30.74	-19.34	0.01
86	0.022	-33.03	-21.63	0.01
87	0.016	-35.83	-24.43	0.00
88	0.010	-39.58	-28.18	0.00
89	0.010	-40.00	-28.60	0.00
90	0.010	-40.00	-28.60	0.00