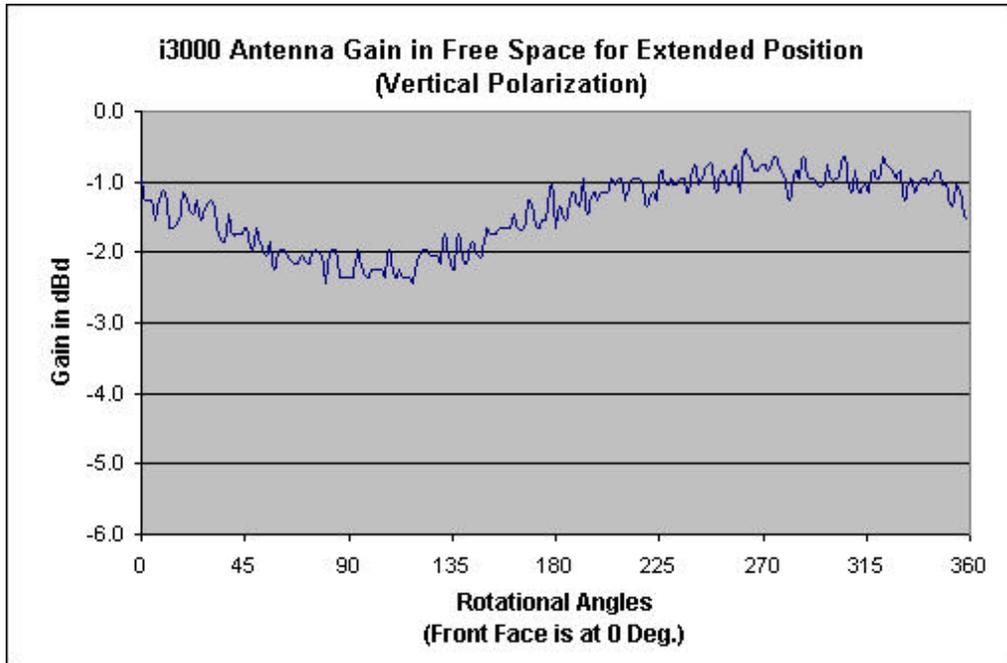


6.7 Antenna radiation

6.7.1 Measured data summary

Row No.	Column B	Column C	Column D
3	-37.00	Reference antenna reading (dB)	
4	-0.85	Reference antenna gain relative to an ideal dipole (dBd)	
5	-36.15	Dipole reference reading	
6	-0.55	Maximum radio antenna gain (dBd)	



6.7.2 Measured data

Angle	Power Reading	Antenna Gain (dBd)	Notes:
0	-37.1	-0.95	Front of radio
2	-37.4	-1.25	
4	-37.4	-1.25	
6	-37.7	-1.55	
8	-37.4	-1.25	
10	-37.3	-1.15	
12	-37.8	-1.65	
14	-37.8	-1.65	
16	-37.7	-1.55	
18	-37.3	-1.15	
20	-37.4	-1.25	
22	-37.6	-1.45	
24	-37.4	-1.25	

26	-37.7	-1.55
28	-37.5	-1.35
30	-37.4	-1.25
32	-37.5	-1.35
34	-37.9	-1.75
36	-38.0	-1.85
38	-37.6	-1.45
40	-37.9	-1.75
42	-37.9	-1.75
44	-37.9	-1.75
46	-37.8	-1.65
48	-38.1	-1.95
50	-37.8	-1.65
52	-38.0	-1.85
54	-38.2	-2.05
56	-38.0	-1.85
58	-38.4	-2.25
60	-38.1	-1.95
62	-38.1	-1.95
64	-38.2	-2.05
66	-38.3	-2.15
68	-38.3	-2.15
70	-38.2	-2.05
72	-38.3	-2.15
74	-38.2	-2.05
76	-38.1	-1.95
78	-38.2	-2.05
80	-38.6	-2.45
82	-38.2	-2.05
84	-38.1	-1.95
86	-38.5	-2.35
88	-38.5	-2.35
90	-38.5	-2.35
92	-38.5	-2.35
94	-38.1	-1.95
96	-38.3	-2.15
98	-38.5	-2.35
100	-38.4	-2.25
102	-38.4	-2.25
104	-38.4	-2.25
106	-38.5	-2.35
108	-38.1	-1.95
110	-38.5	-2.35
112	-38.4	-2.25
114	-38.5	-2.35
116	-38.5	-2.35
118	-38.6	-2.45
120	-38.3	-2.15
122	-38.1	-1.95
124	-38.1	-1.95

126	-38.2	-2.05
128	-38.2	-2.05
130	-38.3	-2.15
132	-37.9	-1.75
134	-38.3	-2.15
136	-38.4	-2.25
138	-37.9	-1.75
140	-38.3	-2.15
142	-38.2	-2.05
144	-38.0	-1.85
146	-38.2	-2.05
148	-38.2	-2.05
150	-37.8	-1.65
152	-37.9	-1.75
154	-37.9	-1.75
156	-37.8	-1.65
158	-37.8	-1.65
160	-37.8	-1.65
162	-37.6	-1.45
164	-37.8	-1.65
166	-37.8	-1.65
168	-37.4	-1.25
170	-37.5	-1.35
172	-37.8	-1.65
174	-37.7	-1.55
176	-37.7	-1.55
178	-37.2	-1.05
180	-37.8	-1.65
182	-37.5	-1.35
184	-37.7	-1.55
186	-37.4	-1.25
188	-37.3	-1.15
190	-37.5	-1.35
192	-37.1	-0.95
194	-37.6	-1.45
196	-37.3	-1.15
198	-37.4	-1.25
200	-37.3	-1.15
202	-37.3	-1.15
204	-37.1	-0.95
206	-37.2	-1.05
208	-37.1	-0.95
210	-37.4	-1.25
212	-37.2	-1.05
214	-37.1	-0.95
216	-37.1	-0.95
218	-37.2	-1.05
220	-37.5	-1.35
222	-37.3	-1.15
224	-37.4	-1.25

226	-37.0	-0.85	
228	-37.2	-1.05	
230	-37.1	-0.95	
232	-37.2	-1.05	
234	-37.1	-0.95	
236	-37.1	-0.95	
238	-37.3	-1.15	
240	-36.9	-0.75	
242	-37.2	-1.05	
244	-37.1	-0.95	
246	-36.9	-0.75	
248	-36.9	-0.75	
250	-37.3	-1.15	
252	-37.0	-0.85	
254	-37.1	-0.95	
256	-37.2	-1.05	
258	-36.9	-0.75	
260	-37.3	-1.15	
262	-36.7	-0.55	Maximum
264	-36.8	-0.65	
266	-37.0	-0.85	
268	-37.0	-0.85	
270	-36.9	-0.75	
272	-37.0	-0.85	
274	-36.9	-0.75	
276	-36.8	-0.65	
278	-37.0	-0.85	
280	-37.1	-0.95	
282	-37.4	-1.25	
284	-37.0	-0.85	
286	-37.1	-0.95	
288	-36.8	-0.65	
290	-37.1	-0.95	
292	-37.1	-0.95	
294	-37.2	-1.05	
296	-37.2	-1.05	
298	-36.9	-0.75	
300	-37.1	-0.95	
302	-37.1	-0.95	
304	-36.9	-0.75	
306	-36.8	-0.65	
308	-37.3	-1.15	
310	-37.0	-0.85	
312	-37.3	-1.15	
314	-37.2	-1.05	
316	-37.3	-1.15	
318	-37.0	-0.85	
320	-37.1	-0.95	
322	-36.8	-0.65	
324	-36.9	-0.75	

326	-37.0	-0.85
328	-37.1	-0.95
330	-37.0	-0.85
332	-37.4	-1.25
334	-37.1	-0.95
336	-37.3	-1.15
338	-37.2	-1.05
340	-37.1	-0.95
342	-37.2	-1.05
344	-37.1	-0.95
346	-37.0	-0.85
348	-37.2	-1.05
350	-37.2	-1.05
352	-37.5	-1.35
354	-37.2	-1.05
356	-37.3	-1.15
358	-37.7	-1.55