



YZ-Plane			
Frequency	5150 MHz		
Polarization	Horizontion	Vertical	Total
0	-9.39	14.00	14.02
1	-10.59	13.22	13.23
2	-11.78	12.33	12.35
3	-12.98	11.45	11.47
4	-14.17	10.57	10.59
5	-15.37	9.69	9.70
6	-16.56	8.81	8.82
7	-17.76	7.92	7.94
8	-18.96	7.04	7.05
9	-20.15	6.16	6.17
10	-21.35	5.28	5.29
11	-22.54	4.39	4.40
12	-23.74	3.51	3.52
13	-24.93	2.63	2.64
14	-26.13	1.75	1.76
15	-27.33	0.87	0.87
16	-26.50	0.87	0.89
17	-25.67	0.88	0.90
18	-24.84	0.89	0.92
19	-24.02	0.90	0.93
20	-23.19	0.91	0.95
21	-22.36	0.91	0.96
22	-21.53	0.92	0.98
23	-20.70	0.93	0.99

24	-19.88	0.94	1.01
25	-19.05	0.95	1.02
26	-18.22	0.96	1.04
27	-17.39	0.96	1.05
28	-16.57	0.97	1.07
29	-15.74	0.98	1.08
30	-14.91	0.99	1.10
31	-14.95	0.31	0.47
32	-15.00	-0.36	-0.15
33	-15.04	-1.04	-0.77
34	-15.08	-1.72	-1.40
35	-15.12	-2.39	-2.02
36	-15.17	-3.07	-2.64
37	-15.21	-3.74	-3.27
38	-15.25	-4.42	-3.89
39	-15.30	-5.10	-4.52
40	-15.34	-5.77	-5.14
41	-15.38	-6.45	-5.76
42	-15.42	-7.12	-6.39
43	-15.47	-7.80	-7.01
44	-15.51	-8.48	-7.63
45	-15.55	-9.15	-8.26
46	-15.33	-10.36	-8.51
47	-15.11	-11.57	-8.77
48	-14.89	-12.79	-9.02
49	-14.66	-14.00	-9.28
50	-14.44	-15.21	-9.53
51	-14.22	-16.42	-9.79
52	-13.99	-17.63	-10.04
53	-13.77	-18.84	-10.30
54	-13.55	-20.05	-10.55
55	-13.33	-21.26	-10.81
56	-13.10	-22.47	-11.06
57	-12.88	-23.68	-11.32
58	-12.66	-24.89	-11.57
59	-12.44	-26.10	-11.83
60	-12.21	-27.31	-12.08
61	-12.61	-26.42	-12.11
62	-13.01	-25.52	-12.14
63	-13.40	-24.63	-12.17
64	-13.80	-23.73	-12.19
65	-14.20	-22.84	-12.22
66	-14.60	-21.94	-12.25
67	-14.99	-21.04	-12.28
68	-15.39	-20.15	-12.31
69	-15.79	-19.25	-12.34

70	-16.19	-18.36	-12.36
71	-16.58	-17.46	-12.39
72	-16.98	-16.57	-12.42
73	-17.38	-15.67	-12.45
74	-17.77	-14.78	-12.48
75	-18.17	-13.88	-12.51
76	-18.51	-14.44	-12.99
77	-18.85	-14.99	-13.47
78	-19.19	-15.55	-13.95
79	-19.53	-16.11	-14.43
80	-19.86	-16.67	-14.91
81	-20.20	-17.22	-15.39
82	-20.54	-17.78	-15.87
83	-20.88	-18.34	-16.34
84	-21.22	-18.89	-16.82
85	-21.56	-19.45	-17.30
86	-21.90	-20.01	-17.78
87	-22.23	-20.57	-18.26
88	-22.57	-21.12	-18.74
89	-22.91	-21.68	-19.22
90	-23.25	-22.24	-19.70
91	-23.32	-22.13	-19.66
92	-23.39	-22.03	-19.62
93	-23.46	-21.92	-19.59
94	-23.54	-21.82	-19.55
95	-23.61	-21.71	-19.51
96	-23.68	-21.61	-19.47
97	-23.75	-21.50	-19.43
98	-23.82	-21.40	-19.39
99	-23.89	-21.29	-19.35
100	-23.96	-21.19	-19.31
101	-24.04	-21.09	-19.27
102	-24.11	-20.98	-19.23
103	-24.18	-20.88	-19.19
104	-24.25	-20.77	-19.15
105	-24.32	-20.67	-19.11
106	-23.78	-20.46	-18.76
107	-23.24	-20.26	-18.40
108	-22.70	-20.05	-18.05
109	-22.15	-19.85	-17.70
110	-21.61	-19.64	-17.35
111	-21.07	-19.44	-17.00
112	-20.53	-19.23	-16.64
113	-19.99	-19.03	-16.29
114	-19.44	-18.82	-15.94
115	-18.90	-18.62	-15.59

116	-18.36	-18.41	-15.23
117	-17.82	-18.21	-14.88
118	-17.28	-18.00	-14.53
119	-16.73	-17.80	-14.18
120	-16.19	-17.59	-13.83
121	-15.98	-17.12	-13.48
122	-15.78	-16.64	-13.12
123	-15.57	-16.17	-12.77
124	-15.36	-15.69	-12.42
125	-15.15	-15.22	-12.07
126	-14.94	-14.74	-11.72
127	-14.73	-14.27	-11.37
128	-14.52	-13.79	-11.02
129	-14.31	-13.32	-10.67
130	-14.10	-12.84	-10.32
131	-13.89	-12.37	-9.97
132	-13.69	-11.89	-9.61
133	-13.48	-11.42	-9.26
134	-13.27	-10.94	-8.91
135	-13.06	-10.47	-8.56
136	-13.09	-11.35	-8.86
137	-13.12	-12.24	-9.17
138	-13.15	-13.12	-9.47
139	-13.18	-14.01	-9.77
140	-13.20	-14.89	-10.08
141	-13.23	-15.77	-10.38
142	-13.26	-16.66	-10.68
143	-13.29	-17.54	-10.98
144	-13.32	-18.43	-11.29
145	-13.35	-19.31	-11.59
146	-13.38	-20.20	-11.89
147	-13.41	-21.08	-12.20
148	-13.44	-21.97	-12.50
149	-13.47	-22.85	-12.80
150	-13.50	-23.74	-13.11
151	-13.98	-23.47	-13.38
152	-14.46	-23.21	-13.65
153	-14.94	-22.94	-13.92
154	-15.42	-22.68	-14.20
155	-15.90	-22.42	-14.47
156	-16.38	-22.15	-14.74
157	-16.86	-21.89	-15.02
158	-17.34	-21.62	-15.29
159	-17.82	-21.36	-15.56
160	-18.30	-21.09	-15.84
161	-18.78	-20.83	-16.11

162	-19.26	-20.57	-16.38
163	-19.74	-20.30	-16.65
164	-20.22	-20.04	-16.93
165	-20.70	-19.77	-17.20
166	-20.72	-19.19	-16.76
167	-20.74	-18.61	-16.33
168	-20.76	-18.03	-15.89
169	-20.78	-17.45	-15.45
170	-20.81	-16.87	-15.02
171	-20.83	-16.29	-14.58
172	-20.85	-15.71	-14.14
173	-20.87	-15.13	-13.71
174	-20.89	-14.55	-13.27
175	-20.91	-13.97	-12.83
176	-20.93	-13.39	-12.39
177	-20.96	-12.81	-11.96
178	-20.98	-12.23	-11.52
179	-21.00	-11.65	-11.08
180	-21.02	-11.07	-10.65
181	-21.14	-11.66	-11.15
182	-21.25	-12.25	-11.65
183	-21.37	-12.85	-12.15
184	-21.49	-13.44	-12.65
185	-21.60	-14.04	-13.15
186	-21.72	-14.63	-13.65
187	-21.84	-15.22	-14.14
188	-21.95	-15.82	-14.64
189	-22.07	-16.41	-15.14
190	-22.18	-17.01	-15.64
191	-22.30	-17.60	-16.14
192	-22.42	-18.20	-16.64
193	-22.53	-18.79	-17.14
194	-22.65	-19.38	-17.64
195	-22.77	-19.98	-18.14
196	-23.38	-20.07	-18.33
197	-24.00	-20.16	-18.52
198	-24.61	-20.25	-18.70
199	-25.23	-20.33	-18.89
200	-25.85	-20.42	-19.08
201	-26.46	-20.51	-19.27
202	-27.08	-20.60	-19.45
203	-27.70	-20.69	-19.64
204	-28.31	-20.78	-19.83
205	-28.93	-20.87	-20.02
206	-29.54	-20.95	-20.20
207	-30.16	-21.04	-20.39

208	-30.78	-21.13	-20.58
209	-31.39	-21.22	-20.77
210	-32.01	-21.31	-20.95
211	-30.99	-20.43	-20.06
212	-29.96	-19.54	-19.16
213	-28.94	-18.66	-18.26
214	-27.92	-17.78	-17.37
215	-26.90	-16.89	-16.47
216	-25.88	-16.01	-15.57
217	-24.85	-15.13	-14.68
218	-23.83	-14.25	-13.78
219	-22.81	-13.36	-12.88
220	-21.79	-12.48	-11.99
221	-20.77	-11.60	-11.09
222	-19.74	-10.71	-10.19
223	-18.72	-9.83	-9.30
224	-17.70	-8.95	-8.40
225	-16.68	-8.07	-7.51
226	-16.22	-8.16	-7.44
227	-15.76	-8.25	-7.38
228	-15.30	-8.34	-7.32
229	-14.84	-8.44	-7.26
230	-14.38	-8.53	-7.20
231	-13.92	-8.62	-7.14
232	-13.46	-8.71	-7.08
233	-13.00	-8.81	-7.02
234	-12.54	-8.90	-6.96
235	-12.08	-8.99	-6.90
236	-11.62	-9.08	-6.84
237	-11.16	-9.18	-6.78
238	-10.70	-9.27	-6.72
239	-10.24	-9.36	-6.66
240	-9.78	-9.45	-6.60
241	-9.76	-9.46	-6.59
242	-9.74	-9.46	-6.59
243	-9.72	-9.46	-6.58
244	-9.70	-9.47	-6.57
245	-9.68	-9.47	-6.56
246	-9.66	-9.48	-6.55
247	-9.64	-9.48	-6.55
248	-9.62	-9.48	-6.54
249	-9.60	-9.49	-6.53
250	-9.58	-9.49	-6.52
251	-9.56	-9.49	-6.51
252	-9.54	-9.50	-6.51
253	-9.52	-9.50	-6.50

254	-9.50	-9.51	-6.49
255	-9.48	-9.51	-6.48
256	-9.46	-9.27	-6.33
257	-9.44	-9.03	-6.19
258	-9.42	-8.80	-6.04
259	-9.40	-8.56	-5.89
260	-9.38	-8.32	-5.74
261	-9.36	-8.08	-5.59
262	-9.34	-7.84	-5.45
263	-9.32	-7.61	-5.30
264	-9.31	-7.37	-5.15
265	-9.29	-7.13	-5.00
266	-9.27	-6.89	-4.85
267	-9.25	-6.66	-4.70
268	-9.23	-6.42	-4.56
269	-9.21	-6.18	-4.41
270	-9.19	-5.94	-4.26
271	-9.09	-5.81	-4.14
272	-9.00	-5.69	-4.02
273	-8.90	-5.56	-3.90
274	-8.81	-5.43	-3.79
275	-8.71	-5.30	-3.67
276	-8.61	-5.17	-3.55
277	-8.52	-5.04	-3.43
278	-8.42	-4.91	-3.31
279	-8.32	-4.79	-3.19
280	-8.23	-4.66	-3.07
281	-8.13	-4.53	-2.96
282	-8.04	-4.40	-2.84
283	-7.94	-4.27	-2.72
284	-7.84	-4.14	-2.60
285	-7.75	-4.02	-2.48
286	-7.82	-3.96	-2.46
287	-7.89	-3.90	-2.43
288	-7.96	-3.85	-2.41
289	-8.03	-3.79	-2.39
290	-8.11	-3.74	-2.36
291	-8.18	-3.68	-2.34
292	-8.25	-3.62	-2.32
293	-8.32	-3.57	-2.29
294	-8.39	-3.51	-2.27
295	-8.46	-3.46	-2.25
296	-8.53	-3.40	-2.22
297	-8.61	-3.34	-2.20
298	-8.68	-3.29	-2.18
299	-8.75	-3.23	-2.15

300	-8.82	-3.18	-2.13
301	-9.18	-3.50	-2.46
302	-9.54	-3.83	-2.80
303	-9.89	-4.16	-3.13
304	-10.25	-4.49	-3.46
305	-10.61	-4.81	-3.80
306	-10.97	-5.14	-4.13
307	-11.33	-5.47	-4.46
308	-11.68	-5.80	-4.80
309	-12.04	-6.12	-5.13
310	-12.40	-6.45	-5.47
311	-12.76	-6.78	-5.80
312	-13.12	-7.11	-6.13
313	-13.47	-7.43	-6.47
314	-13.83	-7.76	-6.80
315	-14.19	-8.09	-7.14
316	-14.48	-7.99	-7.08
317	-14.77	-7.90	-7.03
318	-15.07	-7.80	-6.98
319	-15.36	-7.70	-6.93
320	-15.65	-7.61	-6.88
321	-15.95	-7.51	-6.83
322	-16.24	-7.42	-6.78
323	-16.53	-7.32	-6.73
324	-16.82	-7.22	-6.68
325	-17.12	-7.13	-6.63
326	-17.41	-7.03	-6.58
327	-17.70	-6.94	-6.53
328	-18.00	-6.84	-6.48
329	-18.29	-6.74	-6.43
330	-18.58	-6.65	-6.38
331	-18.12	-5.63	-5.38
332	-17.65	-4.61	-4.37
333	-17.19	-3.59	-3.37
334	-16.72	-2.58	-2.37
335	-16.26	-1.56	-1.37
336	-15.79	-0.54	-0.36
337	-15.33	0.48	0.64
338	-14.86	1.49	1.64
339	-14.40	2.51	2.65
340	-13.93	3.53	3.65
341	-13.47	4.55	4.65
342	-13.00	5.57	5.65
343	-12.54	6.58	6.66
344	-12.07	7.60	7.66
345	-11.61	8.62	8.66

346	-11.46	8.99	9.02
347	-11.31	9.35	9.39
348	-11.17	9.72	9.75
349	-11.02	10.08	10.12
350	-10.87	10.45	10.48
351	-10.72	10.81	10.84
352	-10.57	11.18	11.21
353	-10.43	11.54	11.57
354	-10.28	11.91	11.93
355	-10.13	12.27	12.30
356	-9.98	12.64	12.66
357	-9.83	13.00	13.03
358	-9.69	13.37	13.39
359	-9.54	13.73	13.75
360	-9.39	14.00	14.02