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APPENDIX

APPENDIX A

Experimental Data

APPENDIX

Corner angle.	Dipole distance	Dipole angle.	Angle of receiving antenna.	Field: x0.1mv.
90°	15 cm.	30°	0	11.0
			15	11.0
			30	11.5
			45	11.5
			60	11.5
			75	11.5
			90	11.5
			105	11.0
			120	11.5
			135	11.5
			150	11.5
			160	11.5
			180	11.5
			90°	15 cm.
15	13.5			
30	13.0			
45	12.0			
60	11.0			
75	8.0			
90	8.5			
105	10.0			
120	11.0			
135	12.0			
150	13.5			
165	14.0			
180	14.5			

Corner angle.	Dipole distance.	Dipole angle.	Angle of receiving antenna.	Field xo.1mv.
90°	15 cm.	60°	0	21.0
			15	19.0
			30	17.0
			45	14.0
			60	11.5
			75	7.5
			90	6.0
			105	8.0
			120	12.0
			135	15.0
			150	18.0
			165	19.5
			180	20.0
90°	17.5 cm.	30°	0	17.0
			15	17.0
			30	17.0
			45	14.0
			60	13.0
			75	11.0
			90	8.5
			105	7.0
			120	7.5
			135	9.0
			150	11.0
			165	12.5
			180	13.0
90°	20 cm.	30°	0	20.0
			15	19.0
			30	18.0
			45	15.5
			60	13.5
			75	11.0
			90	8.0
			105	11.0
			120	14.0
			135	16.0
			150	18.0
			165	19.0
			180	20.0
90°	22.5 cm.	30°	0	25.0
			15	24.0
			30	23.0

APPENDIX

Corner angle	Dipole distance.	Dipole angle.	Angle of receiving antenna.	Field x0.1 mv.
90°	27.5 cm.	60°	150	46
			165	48
			180	55
			0	48
			15	45
			30	41
			45	30
			60	26
			75	18
			90	11
90°	27.5 cm.	45°	105	17
			120	27
			135	36
			150	40
			165	44
			180	47
			0	38
			15	36
			30	30
			45	24
90°	25 cm.	45°	60	15
			75	8.5
			90	13
			105	15
			120	15
			135	24
			150	30
			165	36
			180	38
			90°	25 cm.
15	60			
30	53			
45	44			
60	34			
75	19			
90	9			
105	19			
120	34			
135	44			
150	53			
165	60			
180	65			

APPENDIX

Corner angle.	Dipole distance.	Dipole angle.	Angle of receiving antenna.	Field xo.1 mv.
90°	30 cm.	30°	90	3
			105	8.5
			120	14
			135	22
			150	25
			165	27
			180	30
			90°	30 cm.
15	30			
45	22			
60	13			
75	7			
90	2			
105	7			
120	13			
90°	30 cm.	60°	135	22
			150	27
			165	30
			180	31
			0	43
			15	42
			30	35
			45	27
90°	30 cm.	60°	60	19
			75	7
			90	0
			105	7
			120	19
			135	27
			150	35
			165	42
90°	27.5 cm.	60°	180	43
			0	55
			15	50
			30	45
			45	35
			60	22
			75	15
			90	4
90°	27.5 cm.	60°	105	16
			120	30
			135	42

APPENDIX

Corner angle.	Dipole distance.	Dipole angle.	Angle of receiving antenna	Field x0.1 mv.
90°	22.5 cm.	30°	45	21
			60	16
			75	13
			90	10
			105	8.5
			120	10
			135	14
			150	17
			165	20
			180	21
90°	25 cm.	30°	0	25
			15	25
			30	24
			45	19.5
			60	17
			75	13.5
			90	11
			105	13
			120	16
			135	19
150	23.5			
165	25			
180	25			
90°	27.5 cm.	30°	0	27
			15	25
			30	24
			45	21
			60	16
			75	11
			90	4
			105	7
			120	15
			135	21
150	25			
165	25			
180	27			
90°	30 cm.	30°	0	30
			15	27
			30	24
			45	21
			60	15
			75	8.5

Corner angle.	Dipole distance.	Dipole angle.	Angle of receiving antenna.	Field strength, x0.1 mv.
90°	20 cm.	60°	0	45
			15	42
			30	38
			45	30
			60	25
			75	16
			90	12
			105	16
			120	25
			135	30
			150	38
90°	17.5 cm.	60°	165	42
			180	45
			0	24
			15	23
			30	22
			45	17
			60	13
			75	9
			90	5.5
			105	9.5
			120	13
135	17			
150	22			
165	23			
180	24.5			
90°	17.5 cm.	45°	0	29
			15	28
			30	27
			45	23
			60	18
			75	12
			90	10
			105	12
			120	18
			135	23
			150	25
165	28			
180	30			

APPENDIX

Corner angle	Dipole distance.	Dipole angle.	Angle of receiving antenna.	Field x0.1 mv.
90°	22.5 cm.	60°	0	56
			15	52
			30	45
			45	40
			60	29
			75	9
			90	9
			105	9
			120	29
			135	40
			150	45
			165	52
			180	56
90°	22.5 cm.	45°	0	27
			15	27
			30	24
			45	19
			60	11.5
			75	9
			90	9
			105	9
			120	12
			135	19
			150	24
			165	27
			180	27
90°	20 cm.	45°	0	35
			15	33
			30	30
			45	26
			60	21
			75	13.5
			90	0
			105	13.5
			120	21
			135	26
			150	30
			165	33
			180	35
			0	

APPENDIX

Corner angle	Dipole distance.	Dipole angle	Angle of receiving antenna	field xo.1mV.
30°	27.5cm	30°	0	14
			30	15
			60	22
			90	27.5
			120	27
			150	23
			180	14
			0	5
			30	10
30°	27.5cm	45°	60	21
			90	22
			120	21
			150	16
			180	5
			0	13
30°	27.5cm	60°	30	12.5
			60	22
			90	27.5
			120	27
			150	9.5
			180	14
30°	30cm	45°	0	5
			15	5.5
			30	6
			45	12
			60	16.5
			75	20
			90	21
			105	20
			120	17
			135	12
			150	6
			165	5.5
			180	5
30°	30cm	30°	0	5
			15	-
			30	16
			60	23
			90	26
			120	24
			135	-
			150	20
			165	-
180	5			

APPENDIX

Corner angle	Dipole distance	Dipole angle	Angle of receiving antenna	field xo.1mV
30°	30cm	60°	0	16
			30	18
			60	17
			190	12.5
			120	10.5
			150	11.9
			180	14
			0	15
			15	14
			30	15
30	32	45°	45	16
			60	16.5
			75	17
			90	16
			105	14
			120	12.5
			135	11.5
			150	12
			165	12.5
			180	14
30	32	30	0	4
			15	6.5
			30	10.5
			45	12
			60	17.5
			75	19
			90	19
			105	17
			120	15.5
			135	14.5
150	10.5			
165	5			
180	4			
			0	17.5
			15	20
			30	19
			45	18.5
			60	15
			75	12
			90	8
			105	6
			120	6
			135	9

APPENDIX

Corner angle	Dipole distance	Dipole angle	Angle of receiving antenna	field xo.1mV
30°	32cm	60°	150	13
			165	15.5
			180	16.5
			0	11
			15	11.5
			30	12
			45	12.5
			60	11.5
			75	13
30°	35cm	45°	90	12
			105	9
			120	7
			135	7
			150	10.5
			165	12
			180	12
			0	14
			15	16
30°	35cm	60°	30	16
			45	14
			60	14
			75	11
			90	8
			105	5.5
			120	5.5
			135	8
			150	12
30°	35cm	30°	165	13.5
			180	15
			0	8.5
			15	10
			30	12.5
			45	14
			60	14.5
			75	14.5
			90	13.5
105	13			
120	10			
135	7.5			
150	5.5			
165	7			
180	8			

APPENDIX

Corner angle	Dipole distance	Dipole angle	ang. of receiving antenna	field x0.1mV
30°	37.5cm	45°	0	17
			30	25
			60	23
			90	15
			120	8.5
			150	8
			180	16
30°	37.5cm	30°	0	14
			30	21
			60	23
			90	18
			120	13
			150	11
			180	15
30°	37.5cm	60°	0	21
			30	22
			60	20
			90	10
			120	6
			150	14
			180	20
45°	27.5cm	30°	0	13
			30	18
			60	20
			90	15
			120	10
			150	8
			180	13
45°	27.5cm	45°	0	16
			30	20
			60	19
			90	16
			120	10.5
			150	11
			180	16
45°	27.5cm	60°	0	20
			30	22
			60	19
			90	13
			120	10
			150	14
			180	20

APPENDIX

Corner angle	Dipole distance	Dipole angle	Ang. of receiving antenna	field x0.1mV
45°	30cm	45°	0	21
			30	23
			60	23
			90	18
			120	14
			150	16
			180	19
45°	30cm	30°	0	13
			30	16
			60	18
			90	16
			120	13
			150	12
			180	14
45°	30cm	60°	0	24
			30	25
			60	17
			90	14.5
			120	14
			150	19
			180	23
45°	32cm	60°	0	26
			30	22.5
			60	19
			90	11.5
			120	17
			150	23
			180	27
45°	32cm	45°	0	20
			30	22
			60	21
			90	15
			120	13
			150	16
			180	20

Corner Angle 90°

Dr	CET	XR	Dr	CET	XR	Dr	CET	XR
1.57	0.00	-1.00	2.01	60.00	-3.65	2.71	0.00	-0.22
1.57	10.00	-1.04	2.01	70.00	-8.18	2.71	10.00	-0.25
1.57	20.00	-1.17	2.01	80.00	-32.71	2.71	20.00	-0.33
1.57	30.00	-1.47	2.01	90.00	*	2.71	30.00	-0.49
1.57	40.00	-1.90	2.09	0.00	-0.58	2.71	40.00	-0.77
1.57	50.00	-2.82	2.09	10.00	-0.61	2.71	50.00	-1.31
1.57	60.00	-4.83	2.09	20.00	-0.71	2.71	60.00	-2.49
1.57	70.00	-10.62	2.09	30.00	-0.80	2.71	70.00	-5.86
1.57	80.00	-41.96	2.09	40.00	-1.29	2.71	80.00	-24.07
1.57	90.00	*	2.09	50.00	-1.95	2.71	90.00	*
1.66	0.00	-0.92	2.09	60.00	-3.46	2.79	0.00	-0.18
1.66	10.00	-0.95	2.09	70.00	-7.81	2.79	10.00	-0.20
1.66	20.00	-1.08	2.09	80.00	-31.32	2.79	20.00	-0.28
1.66	30.00	-1.32	2.09	90.00	*	2.79	30.00	-0.44
1.66	40.00	-1.77	2.18	0.00	-0.52	2.79	40.00	-0.72
1.66	50.00	-2.64	2.18	10.00	-0.55	2.79	50.00	-1.24
1.66	60.00	-4.55	2.18	20.00	-0.65	2.79	60.00	-2.38
1.66	70.00	-10.03	2.18	30.00	-0.84	2.79	70.00	-5.65
1.66	80.00	-39.73	2.18	40.00	-1.18	2.79	80.00	-23.28
1.66	90.00	*	2.18	50.00	-1.84	2.79	90.00	*
1.75	0.00	-0.84	2.18	60.00	-3.30	2.88	0.00	-0.13
1.75	10.00	-0.88	2.18	70.00	-7.47	2.88	10.00	-0.16
1.75	20.00	-0.99	2.18	80.00	-30.04	2.88	20.00	-0.24
1.75	30.00	-1.23	2.18	90.00	*	2.88	30.00	-0.39
1.75	40.00	-1.65	2.27	0.00	-0.47	2.88	40.00	-0.66
1.75	50.00	-2.48	2.27	10.00	-0.49	2.88	50.00	-1.17
1.75	60.00	-4.29	2.27	20.00	-0.59	2.88	60.00	-2.28
1.75	70.00	-9.50	2.27	30.00	-0.77	2.88	70.00	-5.45
1.75	80.00	-37.71	2.27	40.00	-1.10	2.88	80.00	-22.55
1.75	90.00	*	2.27	50.00	-1.74	2.88	90.00	*
1.83	0.00	-0.77	2.27	60.00	-3.14	2.97	0.00	-0.09
1.83	10.00	-0.80	2.27	70.00	-7.15	2.97	10.00	-0.11
1.83	20.00	-0.91	2.27	80.00	-28.85	2.97	20.00	-0.19
1.83	30.00	-1.14	2.27	90.00	*	2.97	30.00	-0.34
1.83	40.00	-1.54	2.36	0.00	-0.41	2.97	40.00	-0.61
1.83	50.00	-2.33	2.36	10.00	-0.48	2.97	50.00	-1.10
1.83	60.00	-4.06	2.36	20.00	-0.53	2.97	60.00	-2.18
1.83	70.00	-9.02	2.36	30.00	-0.71	2.97	70.00	-5.26
1.83	80.00	-35.89	2.36	40.00	-1.03	2.97	80.00	-21.86
1.83	90.00	*	2.36	50.00	-1.65	2.97	90.00	*
1.92	0.00	-0.70	2.36	60.00	-2.99	3.05	0.00	-0.04
1.92	10.00	-0.73	2.36	70.00	-6.86	3.05	10.00	-0.07
1.92	20.00	-0.84	2.36	80.00	-27.76	3.05	20.00	-0.15
1.92	30.00	-1.05	2.36	90.00	*	3.05	30.00	-0.29
1.92	40.00	-1.44	2.44	0.00	-0.36	3.05	40.00	-0.55
1.92	50.00	-2.19	2.44	10.00	-0.39	3.05	50.00	-1.04
1.92	60.00	-3.84	2.44	20.00	-0.48	3.05	60.00	-2.09
1.92	70.00	-8.58	2.44	30.00	-0.65	3.05	70.00	-5.08
1.92	80.00	-34.23	2.44	40.00	-0.96	3.05	80.00	-21.20
1.92	90.00	*	2.44	50.00	-1.56	3.05	90.00	*
2.01	0.00	-0.64	2.44	60.00	-2.86	3.14	0.00	-0.00
2.01	10.00	-0.67	2.44	70.00	-6.59	3.14	10.00	-0.02
2.01	20.00	-0.77	2.44	80.00	-26.74			
2.01	30.00	-0.98	2.44	90.00	*			
2.01	40.00	-1.35						
2.01	50.00	-2.07						



Dr	CET	XR	Dr	CET	XR	Dr	CET	XR	Dr	CET	XR
3.14	20.00	-0.10	3.58	0.00	-0.22	3.93	80.00	16.23	4.36	60.00	-1.04
3.14	30.00	-0.25	3.58	10.00	0.20	3.93	90.00	*	4.36	70.00	-3.16
3.14	40.00	-0.50	3.58	20.00	0.12	4.01	0.00	0.47	4.36	80.00	14.47
3.14	50.00	-0.98	3.58	30.00	-0.02	4.01	10.00	0.44	4.36	90.00	*
3.14	60.00	-2.00	3.58	40.00	-0.27	4.01	20.00	0.35	4.45	0.00	0.77
3.14	70.00	-4.91	3.58	50.00	-0.70	4.01	30.00	0.20	4.45	10.00	0.73
3.14	80.00	20.59	3.58	60.00	-1.61	4.01	40.00	-0.04	4.45	20.00	0.61
3.14	90.00	*	3.58	70.00	-4.17	4.01	50.00	-0.45	4.45	30.00	0.43
3.23	0.00	-0.04	3.58	80.00	17.94	4.01	60.00	-1.27	4.45	40.00	0.18
3.23	10.00	-0.02	3.58	90.00	*	4.01	70.00	-3.57	4.45	50.00	-0.22
3.23	20.00	-0.06	3.67	0.00	0.27	4.01	80.00	15.85	4.45	60.00	-0.99
3.23	30.00	-0.20	3.67	10.00	0.24	4.01	90.00	*	4.45	70.00	-3.07
3.23	40.00	-0.45	3.67	20.00	0.16	4.10	0.00	0.52	4.45	80.00	14.15
3.23	50.00	-0.92	3.67	30.00	0.02	4.10	10.00	0.49	4.45	90.00	*
3.23	60.00	-1.91	3.67	40.00	-0.22	4.10	20.00	0.40	4.54	0.00	0.84
3.23	70.00	-4.75	3.67	50.00	-0.64	4.10	30.00	0.24	4.54	10.00	0.79
3.23	80.00	20.00	3.67	60.00	-1.53	4.10	40.00	0.00	4.54	20.00	0.67
3.23	90.00	*	3.67	70.00	-4.04	4.10	50.00	-0.40	4.54	30.00	0.48
3.32	0.00	-0.09	3.67	80.00	17.48	4.10	60.00	-1.21	4.54	40.00	0.22
3.32	10.00	-0.06	3.67	90.00	*	4.10	70.00	-3.46	4.54	50.00	-0.18
3.32	20.00	-0.01	3.75	0.00	0.32	4.10	80.00	15.48	4.54	60.00	-0.93
3.32	30.00	-0.16	3.75	10.00	0.29	4.10	90.00	*	4.54	70.00	-2.98
3.32	40.00	-0.40	3.75	20.00	0.21	4.19	0.00	0.58	4.54	80.00	13.85
3.32	50.00	-0.86	3.75	30.00	0.06	4.19	10.00	0.54	4.54	90.00	*
3.32	60.00	-1.83	3.75	40.00	-0.18	4.19	20.00	0.45	4.63	0.00	0.92
3.32	70.00	-4.59	3.75	50.00	-0.59	4.19	30.00	0.29	4.63	10.00	0.87
3.32	80.00	19.45	3.75	60.00	-1.47	4.19	40.00	0.04	4.63	20.00	0.73
3.32	90.00	*	3.75	70.00	-3.91	4.19	50.00	-0.36	4.63	30.00	0.53
3.40	0.00	-0.13	3.75	80.00	17.05	4.19	60.00	-1.15	4.63	40.00	0.27
3.40	10.00	-0.11	3.75	90.00	*	4.19	70.00	-3.36	4.63	50.00	-0.13
3.40	20.00	-0.03	3.84	0.00	0.36	4.19	80.00	15.13	4.63	60.00	-0.88
3.40	30.00	-0.11	3.84	10.00	0.34	4.19	90.00	*	4.63	70.00	-2.89
3.40	40.00	-0.36	3.84	20.00	0.25	4.28	0.00	0.64	4.63	80.00	13.56
3.40	50.00	-0.80	3.84	30.00	0.11	4.28	10.00	0.60	4.63	90.00	*
3.40	60.00	-1.75	3.84	40.00	-0.13	4.28	20.00	0.50	4.71	0.00	1.00
3.40	70.00	-4.44	3.84	50.00	-0.54	4.28	30.00	0.33	4.71	10.00	0.95
3.40	80.00	18.92	3.84	60.00	-1.40	4.28	40.00	0.09	4.71	20.00	0.80
3.40	90.00	*	3.84	70.00	-3.79	4.28	50.00	-0.31	4.71	30.00	0.59
3.49	0.00	-0.18	3.84	80.00	16.63	4.28	60.00	-1.10	4.71	40.00	0.31
3.49	10.00	-0.15	3.84	90.00	*	4.28	70.00	-3.26	4.71	50.00	-0.09
3.49	20.00	-0.07	3.93	0.00	0.41	4.28	80.00	14.79	4.71	60.00	-0.83
3.49	30.00	-0.07	3.93	10.00	0.39	4.28	90.00	*	4.71	70.00	-2.81
3.49	40.00	-0.31	3.93	20.00	0.30	4.36	0.00	0.70	4.71	80.00	13.28
3.49	50.00	-0.75	3.93	30.00	0.15	4.36	10.00	0.66	4.71	90.00	*
3.49	60.00	-1.68	3.93	40.00	-0.09	4.36	20.00	0.55	4.80	0.00	1.09
3.49	70.00	-4.30	3.93	50.00	-0.50	4.36	30.00	0.38	4.80	10.00	1.03
3.49	80.00	18.42	3.93	60.00	-1.34	4.36	40.00	0.13	4.80	20.00	0.87
3.49	90.00	*	3.93	70.00	-3.68	4.36	50.00	-0.26	4.80	30.00	0.64

4.80	0.00	-1.09	5.24	0.00	1.73	5.67	0.00	3.17	6.11	0.00	11.43
4.80	10.00	1.03	5.24	10.00	1.61	5.67	10.00	2.79	6.11	10.00	7.55
4.80	20.00	0.87	5.24	20.00	1.31	5.67	20.00	2.06	6.11	20.00	3.82
4.80	30.00	0.64	5.24	30.00	0.97	5.67	30.00	1.41	6.11	30.00	2.13
4.80	40.00	0.36	5.24	40.00	0.61	5.67	40.00	0.90	6.11	40.00	1.20
4.80	50.00	-0.04	5.24	50.00	0.18	5.67	50.00	0.40	6.11	50.00	0.60
4.80	60.00	-0.78	5.24	60.00	-0.54	5.67	60.00	-0.31	6.11	60.00	-0.00
4.80	70.00	-2.72	5.24	70.00	-2.34	5.67	70.00	-2.00	6.11	70.00	-1.70
4.80	80.00	-13.10	5.24	80.00	11.78	5.67	80.00	-10.73	6.11	80.00	-9.82
4.80	90.00	*	5.24	90.00	*	5.67	90.00	*	6.11	90.00	*
4.89	0.00	1.19	5.32	0.00	1.92	5.76	0.00	3.73	6.20	0.00	22.92
4.89	10.00	1.12	5.32	10.00	1.77	5.76	10.00	3.22	6.20	10.00	11.16
4.89	20.00	0.94	5.32	20.00	1.43	5.76	20.00	2.29	6.20	20.00	4.54
4.89	30.00	0.70	5.32	30.00	1.04	5.76	30.00	1.53	6.20	30.00	2.34
4.89	40.00	0.41	5.32	40.00	0.66	5.76	40.00	0.96	6.20	40.00	1.35
4.89	50.00	-0.00	5.32	50.00	0.22	5.76	50.00	0.45	6.20	50.00	0.70
4.89	60.00	-0.73	5.32	60.00	-0.49	5.76	60.00	-0.26	6.20	60.00	-0.04
4.89	70.00	-2.64	5.32	70.00	-2.27	5.76	70.00	-1.94	6.20	70.00	-1.64
4.89	80.00	-12.75	5.32	80.00	11.56	5.76	80.00	-10.54	6.20	80.00	-9.65
4.89	90.00	*	5.32	90.00	*	5.76	90.00	*	6.20	90.00	*
4.97	0.00	1.30	5.41	0.00	2.14	5.85	0.00	4.51			
4.97	10.00	1.22	5.41	10.00	1.96	5.85	10.00	3.78			
4.97	20.00	1.02	5.41	20.00	1.56	5.85	20.00	2.56			
4.97	30.00	0.76	5.41	30.00	1.12	5.85	30.00	1.65			
4.97	40.00	0.45	5.41	40.00	0.72	5.85	40.00	1.03			
4.97	50.00	0.04	5.41	50.00	0.26	5.85	50.00	0.50			
4.97	60.00	-0.68	5.41	60.00	-0.44	5.85	60.00	-0.22			
4.97	70.00	-2.57	5.41	70.00	-2.22	5.85	70.00	-1.88			
4.97	80.00	-12.49	5.41	80.00	11.34	5.85	80.00	-10.35			
4.97	90.00	*	5.41	90.00	*	5.85	90.00	*			
5.06	0.00	1.43	5.50	0.00	2.41	5.93	0.00	5.67			
5.06	10.00	1.34	5.50	10.00	2.19	5.93	10.00	4.55			
5.06	20.00	1.11	5.50	20.00	1.70	5.93	20.00	2.88			
5.06	30.00	0.83	5.50	30.00	1.21	5.93	30.00	1.79			
5.06	40.00	0.50	5.50	40.00	0.77	5.93	40.00	1.10			
5.06	50.00	0.09	5.50	50.00	0.31	5.93	50.00	0.54			
5.06	60.00	-0.63	5.50	60.00	-0.40	5.93	60.00	-0.17			
5.06	70.00	-2.49	5.50	70.00	-2.13	5.93	70.00	-1.82			
5.06	80.00	-12.25	5.50	80.00	11.13	5.93	80.00	-10.17			
5.06	90.00	*	5.50	90.00	*	5.93	90.00	*			
5.15	0.00	1.57	5.59	0.00	2.75	6.02	0.00	7.60			
5.15	10.00	1.46	5.59	10.00	2.46	6.02	10.00	5.69			
5.15	20.00	1.21	5.59	20.00	1.87	6.02	20.00	3.29			
5.15	30.00	0.89	5.59	30.00	1.31	6.02	30.00	1.95			
5.15	40.00	0.55	5.59	40.00	0.83	6.02	40.00	1.18			
5.15	50.00	0.13	5.59	50.00	0.35	6.02	50.00	0.59			
5.15	60.00	-0.58	5.59	60.00	-0.35	6.02	60.00	-0.13			
5.15	70.00	-2.41	5.59	70.00	-2.07	6.02	70.00	-1.76			
5.15	80.00	-12.01	5.59	80.00	10.93	6.02	80.00	-9.99			
5.15	90.00	*	5.59	90.00	*	6.02	90.00	*			

Corner Angle 45°

2.09	0.00	7.10	2.97	0.00	1.37	3.84	0.00	-0.03	4.71	0.00	-0.43
2.09	10.00	7.65	2.97	10.00	1.52	3.84	10.00	0.02	4.71	10.00	-0.42
2.09	20.00	9.59	2.97	20.00	2.08	3.84	20.00	0.20	4.71	20.00	-0.37
2.09	30.00	14.08	2.97	30.00	3.42	3.84	30.00	0.67	4.71	30.00	-0.22
2.09	40.00	24.57	2.97	40.00	6.66	3.84	40.00	1.88	4.71	40.00	0.25
2.09	50.00	52.97	2.97	50.00	15.77	3.84	50.00	5.55	4.71	50.00	1.86
2.09	60.00	153.52	2.97	60.00	49.22	3.84	60.00	19.79	4.71	60.00	8.75
2.09	70.00	*	2.97	70.00	*	3.84	70.00	*	4.71	70.00	54.17
2.09	80.00	*	2.97	80.00	*	3.84	80.00	*	4.71	80.00	*
2.09	90.00	*	2.97	90.00	*	3.84	90.00	*	4.71	90.00	*
2.27	0.00	5.14	3.14	0.00	0.93	4.01	0.00	-0.15	4.89	0.00	-0.46
2.27	10.00	5.56	3.14	10.00	1.05	4.01	10.00	-0.11	4.89	10.00	-0.46
2.27	20.00	7.04	3.14	20.00	1.50	4.01	20.00	0.03	4.89	20.00	-0.42
2.27	30.00	10.47	3.14	30.00	2.57	4.01	30.00	0.41	4.89	30.00	-0.31
2.27	40.00	18.55	3.14	40.00	5.21	4.01	40.00	1.41	4.89	40.00	0.07
2.27	50.00	40.55	3.14	50.00	12.71	4.01	50.00	4.51	4.89	50.00	1.45
2.27	60.00	*	3.14	60.00	40.50	4.01	60.00	16.73	4.89	60.00	7.46
2.27	70.00	*	3.14	70.00	*	4.01	70.00	93.28	4.89	70.00	47.71
2.27	80.00	*	3.14	80.00	*	4.01	80.00	*	4.89	80.00	*
2.27	90.00	*	3.14	90.00	*	4.01	90.00	*	4.89	90.00	*
2.44	0.00	3.73	3.32	0.00	0.59	4.19	0.00	-0.25	5.06	0.00	-0.49
2.44	10.00	4.06	3.32	10.00	0.69	4.19	10.00	-0.22	5.06	10.00	-0.48
2.44	20.00	5.20	3.32	20.00	1.05	4.19	20.00	-0.11	5.06	20.00	-0.47
2.44	30.00	7.87	3.32	30.00	1.92	4.19	30.00	0.20	5.06	30.00	-0.38
2.44	40.00	14.19	3.32	40.00	4.08	4.19	40.00	1.03	5.06	40.00	-0.07
2.44	50.00	31.51	3.32	50.00	10.30	4.19	50.00	3.66	5.06	50.00	-1.09
2.44	60.00	93.60	3.32	60.00	33.57	4.19	60.00	14.19	5.06	60.00	6.36
2.44	70.00	*	3.32	70.00	*	4.19	70.00	80.93	5.06	70.00	42.15
2.44	80.00	*	3.32	80.00	*	4.19	80.00	*	5.06	80.00	*
2.44	90.00	*	3.32	90.00	*	4.19	90.00	*	5.06	90.00	*
2.62	0.00	2.70	3.49	0.00	0.33	4.36	0.00	-0.32	5.24	0.00	-0.51
2.62	10.00	2.96	3.49	10.00	0.41	4.36	10.00	-0.30	5.24	10.00	-0.51
2.62	20.00	3.85	3.49	20.00	0.70	4.36	20.00	-0.22	5.24	20.00	-0.50
2.62	30.00	5.95	3.49	30.00	1.40	4.36	30.00	0.03	5.24	30.00	-0.44
2.62	40.00	10.95	3.49	40.00	3.18	4.36	40.00	0.72	5.24	40.00	-0.20
2.62	50.00	24.79	3.49	50.00	8.37	4.36	50.00	2.95	5.24	50.00	0.80
2.62	60.00	74.71	3.49	60.00	28.00	4.36	60.00	12.06	5.24	60.00	5.41
2.62	70.00	*	3.49	70.00	*	4.36	70.00	70.52	5.24	70.00	37.33
2.62	80.00	*	3.49	80.00	*	4.36	80.00	*	5.24	80.00	*
2.62	90.00	*	3.49	90.00	*	4.36	90.00	*	5.24	90.00	*
2.79	0.00	1.94	3.67	0.00	0.13	4.54	0.00	-0.38	5.41	0.00	-0.52
2.79	10.00	2.14	3.67	10.00	0.19	4.54	10.00	-0.37	5.41	10.00	-0.52
2.79	20.00	2.84	3.67	20.00	0.42	4.54	20.00	-0.30	5.41	20.00	-0.52
2.79	30.00	4.51	3.67	30.00	0.99	4.54	30.00	-0.11	5.41	30.00	-0.49
2.79	40.00	8.52	3.67	40.00	2.46	4.54	40.00	0.46	5.41	40.00	-0.30
2.79	50.00	19.69	3.67	50.00	6.81	4.54	50.00	2.36	5.41	50.00	0.54
2.79	60.00	60.33	3.67	60.00	23.48	4.54	60.00	10.27	5.41	60.00	4.59
2.79	70.00	*	3.67	70.00	*	4.54	70.00	61.70	5.41	70.00	33.13
2.79	80.00	*	3.67	80.00	*	4.54	80.00	*	5.41	80.00	*
2.79	90.00	*	3.67	90.00	*	4.54	90.00	*	5.41	90.00	*

APPENDIX

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5.59	0.00	-0.53	5.76	0.00	-0.53	5.93	0.00	-0.54	6.11	0.00	-0.54
5.59	10.00	-0.53	5.76	10.00	-0.54	5.93	10.00	-0.54	6.11	10.00	-0.55
5.59	20.00	-0.54	5.76	20.00	-0.55	5.93	20.00	-0.56	6.11	20.00	-0.57
5.59	30.00	-0.52	5.76	30.00	-0.55	5.93	30.00	-0.57	6.11	30.00	-0.59
5.59	40.00	-0.38	5.76	40.00	-0.45	5.93	40.00	-0.50	6.11	40.00	-0.55
5.59	50.00	0.33	5.76	50.00	0.14	5.93	50.00	-0.01	6.11	50.00	-0.15
5.59	60.00	3.88	5.76	60.00	3.27	5.93	60.00	2.73	6.11	60.00	2.27
5.59	70.00	29.47	5.76	70.00	26.26	5.93	70.00	23.44	6.11	70.00	20.94
5.59	80.00	*	5.76	80.00	*	5.93	80.00	*	6.11	80.00	*
5.59	90.00	*	5.76	90.00	*	5.93	90.00	*	6.11	90.00	*

Corner Angle 30°

2.09	0.00	*	2.79	0.00	-26.59	3.49	0.00	-2.82	4.19	0.00	1.11
2.09	10.00	*	2.79	10.00	-30.32	3.49	10.00	-3.58	4.19	10.00	1.01
2.09	20.00	*	2.79	20.00	-44.74	3.49	20.00	-6.68	4.19	20.00	0.49
2.09	30.00	*	2.79	30.00	-84.83	3.49	30.00	-16.08	4.19	30.00	-1.59
2.09	40.00	*	2.79	40.00	*	3.49	40.00	-47.94	4.19	40.00	-10.35
2.09	50.00	*	2.79	50.00	*	3.49	50.00	*	4.19	50.00	-54.34
2.09	60.00	*	2.79	60.00	*	3.49	60.00	*	4.19	60.00	*
2.09	70.00	*	2.79	70.00	*	3.49	70.00	*	4.19	70.00	*
2.09	80.00	*	2.79	80.00	*	3.49	80.00	*	4.19	80.00	*
2.09	90.00	*	2.79	90.00	*	3.49	90.00	*	4.19	90.00	*
2.27	0.00	*	2.97	0.00	-16.35	3.67	0.00	-1.06	4.36	0.00	1.31
2.27	10.00	*	2.97	10.00	-18.86	3.67	10.00	-1.56	4.36	10.00	1.27
2.27	20.00	*	2.97	20.00	-28.64	3.67	20.00	-3.65	4.36	20.00	1.00
2.27	30.00	*	2.97	30.00	-56.27	3.67	30.00	-10.22	4.36	30.00	-0.33
2.27	40.00	*	2.97	40.00	*	3.67	40.00	-33.30	4.36	40.00	-6.60
2.27	50.00	*	2.97	50.00	*	3.67	50.00	*	4.36	50.00	-40.01
2.27	60.00	*	2.97	60.00	*	3.67	60.00	*	4.36	60.00	*
2.27	70.00	*	2.97	70.00	*	3.67	70.00	*	4.36	70.00	*
2.27	80.00	*	2.97	80.00	*	3.67	80.00	*	4.36	80.00	*
2.27	90.00	*	2.97	90.00	*	3.67	90.00	*	4.36	90.00	*
2.44	0.00	-68.61	3.14	0.00	-9.78	3.84	0.00	0.04	4.54	0.00	1.38
2.44	10.00	-77.09	3.14	10.00	-11.48	3.84	10.00	-0.28	4.54	10.00	1.38
2.44	20.00	*	3.14	20.00	-18.15	3.84	20.00	-1.65	4.54	20.00	1.29
2.44	30.00	*	3.14	30.00	-37.36	3.84	30.00	-6.20	4.54	30.00	0.50
2.44	40.00	*	3.14	40.00	-99.04	3.84	40.00	-22.95	4.54	40.00	-3.92
2.44	50.00	*	3.14	50.00	*	3.84	50.00	-99.80	4.54	50.00	-29.31
2.44	60.00	*	3.14	60.00	*	3.84	60.00	*	4.54	60.00	*
2.44	70.00	*	3.14	70.00	*	3.84	70.00	*	4.54	70.00	*
2.44	80.00	*	3.14	80.00	*	3.84	80.00	*	4.54	80.00	*
2.44	90.00	*	3.14	90.00	*	3.84	90.00	*	4.54	90.00	*
2.62	0.00	-42.74	3.32	0.00	-5.55	4.01	0.00	0.72	4.71	0.00	1.37
2.62	10.00	-48.33	3.32	10.00	-6.69	4.01	10.00	0.53	4.71	10.00	1.40
2.62	20.00	-69.79	3.32	20.00	-11.25	4.01	20.00	-0.35	4.71	20.00	1.43
2.62	30.00	*	3.32	30.00	-24.67	4.01	30.00	-3.46	4.71	30.00	1.03
2.62	40.00	*	3.32	40.00	-68.85	4.01	40.00	-15.60	4.71	40.00	-2.01
2.62	50.00	*	3.32	50.00	*	4.01	50.00	-73.3	4.71	50.00	-21.28
2.62	60.00	*	3.32	60.00	*	4.01	60.00	*	4.71	60.00	*
2.62	70.00	*	3.32	70.00	*	4.01	70.00	*	4.71	70.00	*
2.62	80.00	*	3.32	80.00	*	4.01	80.00	*	4.71	80.00	*
2.62	90.00	*	3.32	90.00	*	4.01	90.00	*	4.71	90.00	*

APPENDIX

Dr	CET	XR	Dr	CET	XR	Dr	CET	XR	Dr	CET	XR
4.89	0.00	1.31	5.24	0.00	1.10	5.59	0.00	0.86	5.93	0.00	0.61
4.89	10.00	1.36	5.24	10.00	1.17	5.59	10.00	0.93	5.93	10.00	0.68
4.89	20.00	1.47	5.24	20.00	1.38	5.59	20.00	1.16	5.93	20.00	0.92
4.89	30.00	1.35	5.24	30.00	1.59	5.59	30.00	1.54	5.93	30.00	1.35
4.89	40.00	-0.66	5.24	40.00	0.92	5.59	40.00	1.60	5.93	40.00	1.80
4.89	50.00	-15.24	5.24	50.00	-7.23	5.59	50.00	-2.68	5.93	50.00	-0.14
4.89	60.00	*	5.24	60.00	-85.48	5.59	60.00	-53.18	5.93	60.00	-32.70
4.89	70.00	*	5.24	70.00	*	5.59	70.00	*	5.93	70.00	*
4.89	80.00	*	5.24	80.00	*	5.59	80.00	*	5.93	80.00	*
4.89	90.00	*	5.24	90.00	*	5.59	90.00	*	5.93	90.00	*
5.06	0.00	1.22	5.41	0.00	0.98	5.76	0.00	0.73	6.11	0.00	0.50
5.06	10.00	1.28	5.41	10.00	1.05	5.76	10.00	0.81	6.11	10.00	0.56
5.06	20.00	1.45	5.41	20.00	1.28	5.76	20.00	1.04	6.11	20.00	0.79
5.06	30.00	1.52	5.41	30.00	1.59	5.76	30.00	1.45	6.11	30.00	1.23
5.06	40.00	0.28	5.41	40.00	1.34	5.76	40.00	1.74	6.11	40.00	1.80
5.06	50.00	-10.67	5.41	50.00	-4.63	5.76	50.00	-1.22	6.11	50.00	0.65
5.06	60.00	*	5.41	60.00	-67.47	5.76	60.00	-41.80	6.11	60.00	-25.41
5.06	70.00	*	5.41	70.00	*	5.76	70.00	*	6.11	70.00	*
5.06	80.00	*	5.41	80.00	*	5.76	80.00	*	6.11	80.00	*
5.06	90.00	*	5.41	90.00	*	5.76	90.00	*	6.11	90.00	*
								6.28	0.00		0.39
								6.28	10.00		0.45
								6.28	20.00		0.67
								6.28	30.00		1.11
								6.28	40.00		1.75
								6.28	50.00		1.22
								6.28	60.00		-19.57
								6.28	70.00		*
								6.28	80.00		*
								6.28	90.00		*

* A value larger than 99

VITA

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