



Antenna Pattern of 2.4GHz&5GHz

Appendix B.1

Main data table containing antenna radiation pattern values for various frequencies and directions. Includes headers for Elevation and Azimuth angles and corresponding gain values.

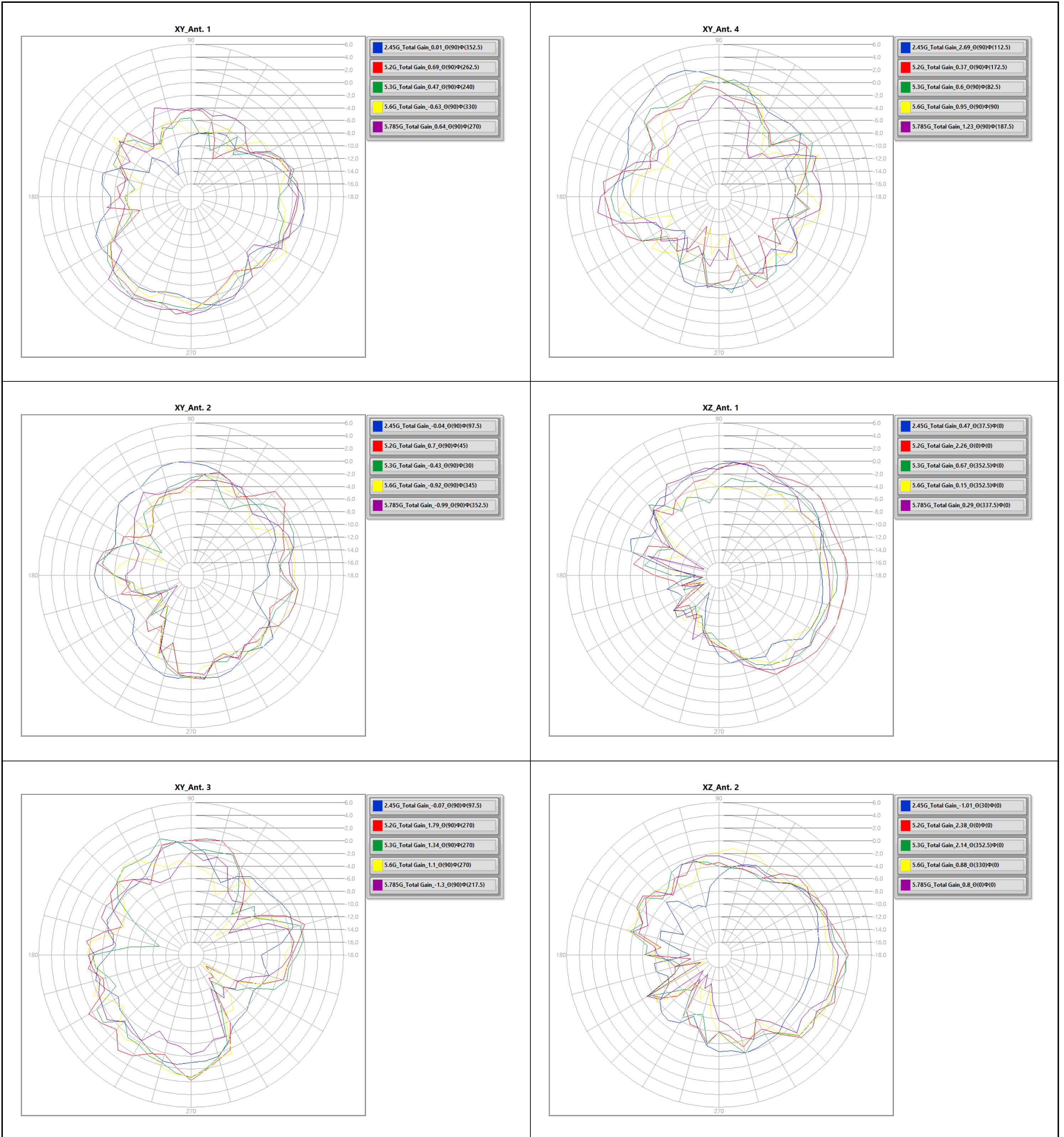


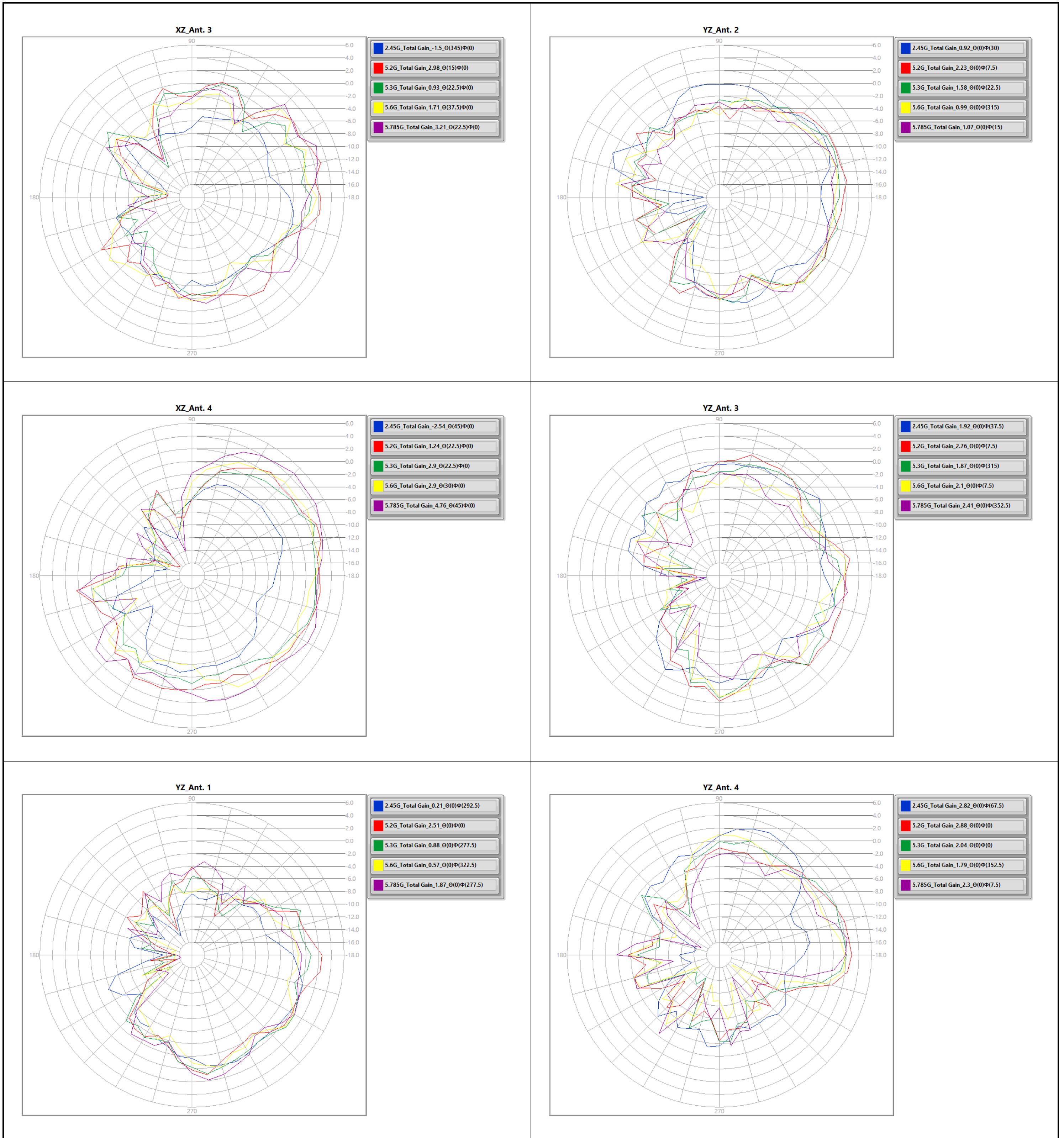
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Theta (°)	12.07-11.84	-8.94-5.75	-5.37-6.99	-5.36-3.30	-2.84-5.37	-7.20-6.87	-7.18-17.14	-7.90-6.31	-5.60-5.10	-3.71-4.69	-5.15-6.41	-3.96-5.78	-8.00-7.44	-4.58-4.16	-4.75-3.00	-3.67-5.26	-8.58-2.84	-2.20-5.33	-6.71-3.45	-9.07-6.66	-6.01-11.29	-8.17-6.70	-4.94-10.97	-11.59-15.49	
Gain	2.14215	2.40258	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216	2.29216

E1(XY plane) – $\Theta(90)\Phi(0-360)$
 E2(XZ plane) – $\Theta(0-180)\Phi(0)$ and $\Theta(0-180)\Phi(180)$
 E3(YZ plane) – $\Theta(0-180)\Phi(90)$ and $\Theta(0-180)\Phi(270)$







Antenna Pattern of 6GHz

Appendix B.2

Total Gain Data

Table with columns for Freq(Hz), TotalAnt, and various Phi(°) directions (0 to 180). It contains gain data for multiple antenna configurations across a wide frequency range.



Antenna Pattern of 6GHz

Appendix B.2

Theta	Phi	Gain	Phi(7.5)	Phi(15)	Phi(22.5)	Phi(30)	Phi(37.5)	Phi(45)	Phi(52.5)	Phi(60)	Phi(67.5)	Phi(75)	Phi(82.5)	Phi(90)	Phi(105)	Phi(120)	Phi(135)	Phi(150)	Phi(165)	Phi(180)	Phi(195)	Phi(210)	Phi(225)	Phi(240)	Phi(255)	Phi(270)	Phi(285)	Phi(300)	Phi(315)	Phi(330)	Phi(345)																		
Theta(75)	Phi(0)	-0.99-0.16	-0.51-1.76	-3.53-3.91	-2.09-1.96	-3.59-0.77	0.730.69	0.9111.16	1.931.84	1.842.57	0.88-2.43	-5.92-8.01	-5.63-4.41	-4.99-8.34	-10.27-6.41	-6.85-2.89	-1.23-2.80	-1.47-1.89	-0.44-0.41	1.00-2.10	-4.10-5.51	-10.82-6.77	-3.19-5.77	-8.73-4.32	-3.69-1.19	-1.96-1.55	-1.95-2.47	-3.11-3.94	-3.55-2.97	-4.74-6.66	-0.65-2.01	-1.78-0.22	0.75-0.22	0.581.44	0.67-1.94	-5.61-8.69	-5.16-3.55	-5.30-7.55	-11.38-9.42	-6.22-2.24	-1.23-2.08	-1.26-1.77	0.0111.95	1.96-0.91	-2.12-2.28	-4.78-2.85	-2.54-4.02	-6.46-4.40	-2.87-2.08



Antenna Pattern of 6GHz

Appendix B.2

Table with 33 columns and 100 rows containing antenna pattern data for 6GHz, including gain values for various azimuth and elevation angles.

E1 (XY plane) – $\Theta(90)\Phi(0-360)$
 E2 (XZ plane) – $\Theta(0-180)\Phi(0)$ and $\Theta(0-180)\Phi(180)$
 E3 (YZ plane) – $\Theta(0-180)\Phi(90)$ and $\Theta(0-180)\Phi(270)$

