





Radiated Composite Gain Data\_5GHz UNII-2C~3, 6GHz-4TX(Radio 2)

Appendix D

Table with columns for Frequency (MHz), Theta (Azimuth), Phi (Elevation), and Gain (dBi) for various antenna configurations across a range of frequencies from 5.015 to 5.985 GHz. The table lists 30 different theta-phi combinations and their corresponding gain values.











# Antenna Pattern\_2.4GHz, 5GHz UNII-1~UNII-3(Radio 1)

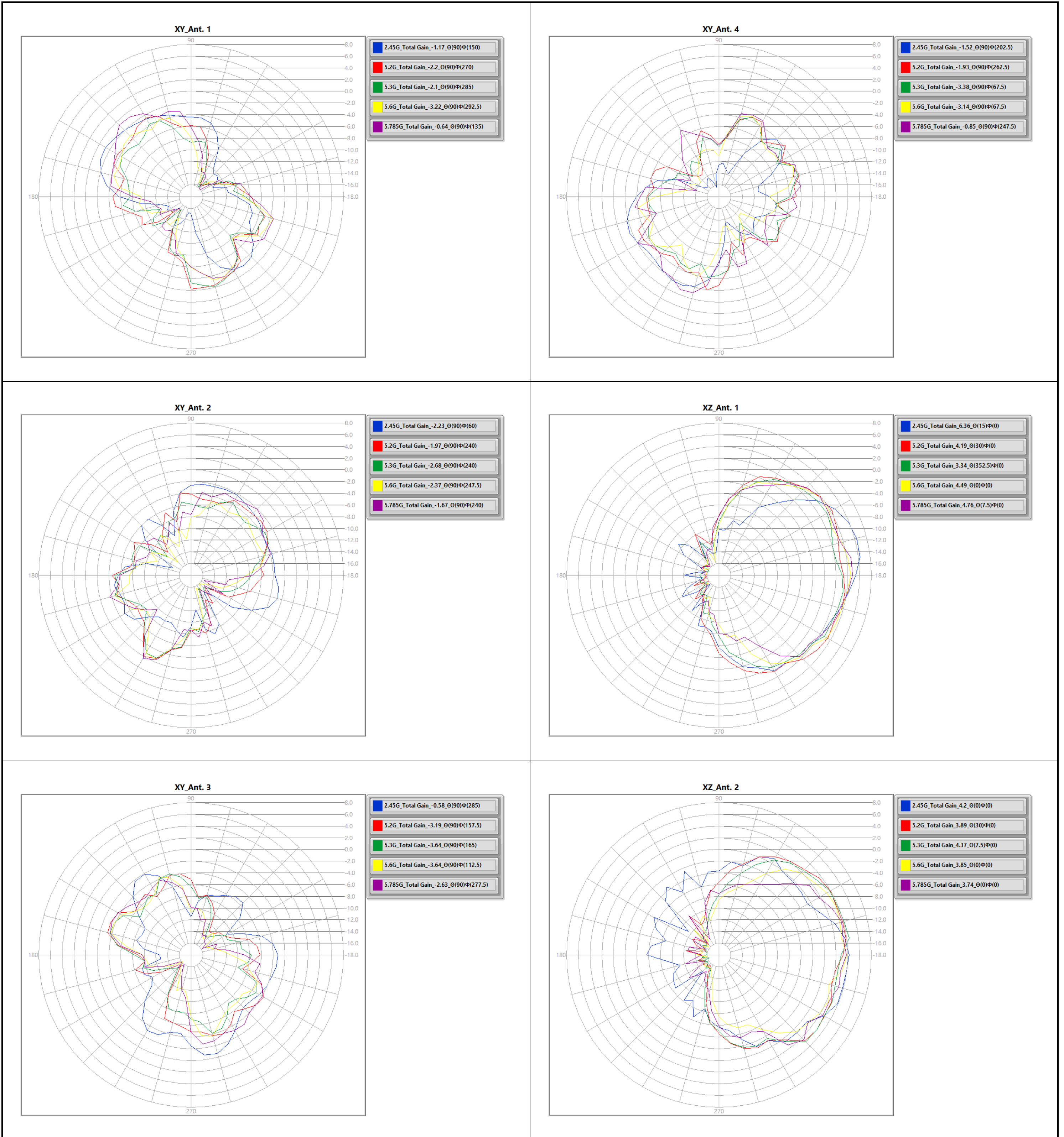
# Appendix E

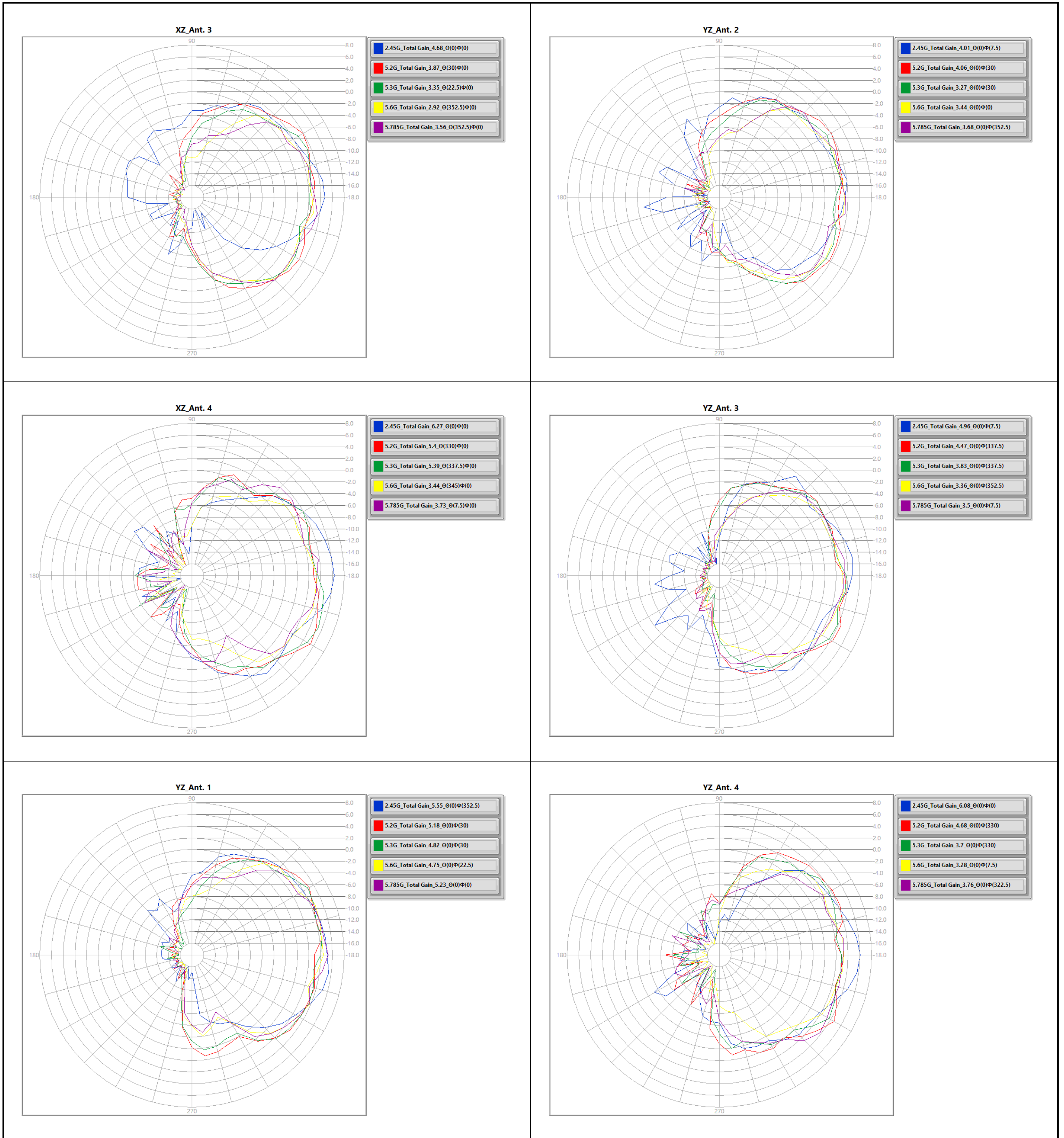
θ (120°)	-15.01-14.25	-14.34-14.81	-14.92-15.11	-15.02-15.57	-14.96-15.27	-15.03-15.39	-14.92-14.97	-12.69-13.83	-14.50-15.72	-13.10-12.80	-14.23-13.91	-12.80-13.26	-11.75-13.38	-15.60-15.46	-15.86-15.67	-15.17-15.20	-15.62-15.26	-15.32-13.71	-13.07-12.02	-10.14-9.78	-12.00-14.21	-14.08-10.79	-9.80-12.36	-13.83-12.68	
Gain	Φ(0°)Φ(7.5°)	Φ(15°)Φ(22.5°)	Φ(30°)Φ(37.5°)	Φ(45°)Φ(52.5°)	Φ(60°)Φ(67.5°)	Φ(75°)Φ(82.5°)	Φ(90°)Φ(97.5°)	Φ(105°)Φ(112.5°)	Φ(120°)Φ(127.5°)	Φ(135°)Φ(142.5°)	Φ(150°)Φ(157.5°)	Φ(165°)Φ(172.5°)	Φ(180°)Φ(187.5°)	Φ(195°)Φ(202.5°)	Φ(210°)Φ(217.5°)	Φ(225°)Φ(232.5°)	Φ(240°)Φ(247.5°)	Φ(255°)Φ(262.5°)	Φ(270°)Φ(277.5°)	Φ(285°)Φ(292.5°)	Φ(300°)Φ(307.5°)	Φ(315°)Φ(322.5°)	Φ(330°)Φ(337.5°)	Φ(345°)Φ(352.5°)	
θ (0°)	2.50246	2.57265	2.76272	2.81279	2.94308	3.07308	2.90286	2.87281	2.77272	2.76270	2.64307	2.75279	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272	2.75272





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  $\Theta(0-180)\Phi(270)$







Total Gain Data

Table with columns for Freq(Hz), 5.6GPol., TotalAnt. 1, and various antenna gain patterns (Theta/Elevation and Phi/Azimuth). The table contains multiple rows of numerical data representing gain values across different frequencies and polarizations.





# Antenna Pattern\_5GHz UNII-2C~3, 6GHz(Radio 2)

# Appendix F

Theta	Phi	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Theta	Phi	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Gain	Phi	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Theta	Phi	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180
Gain	Phi	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180









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  $\Theta(0-180)\Phi(270)$

