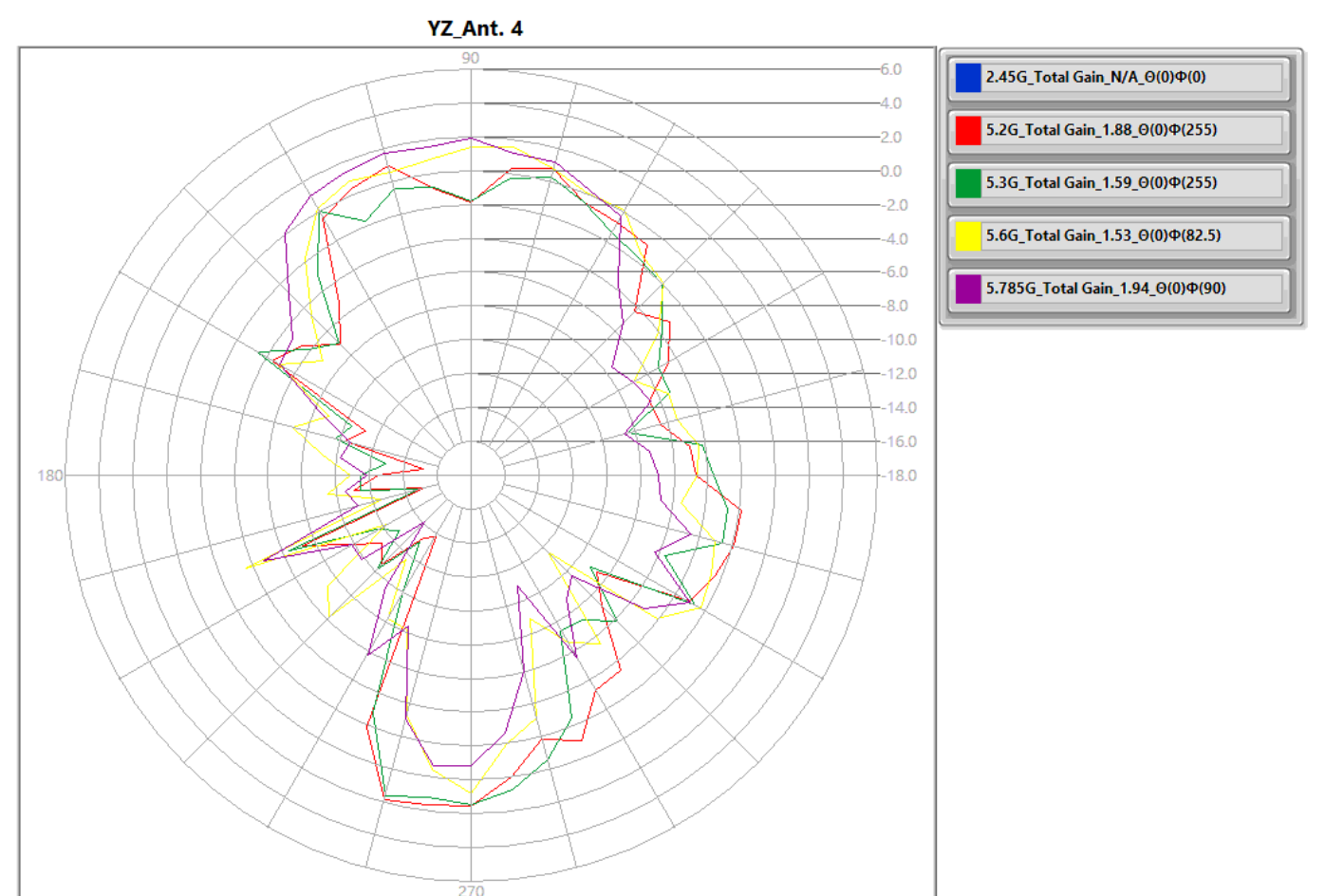
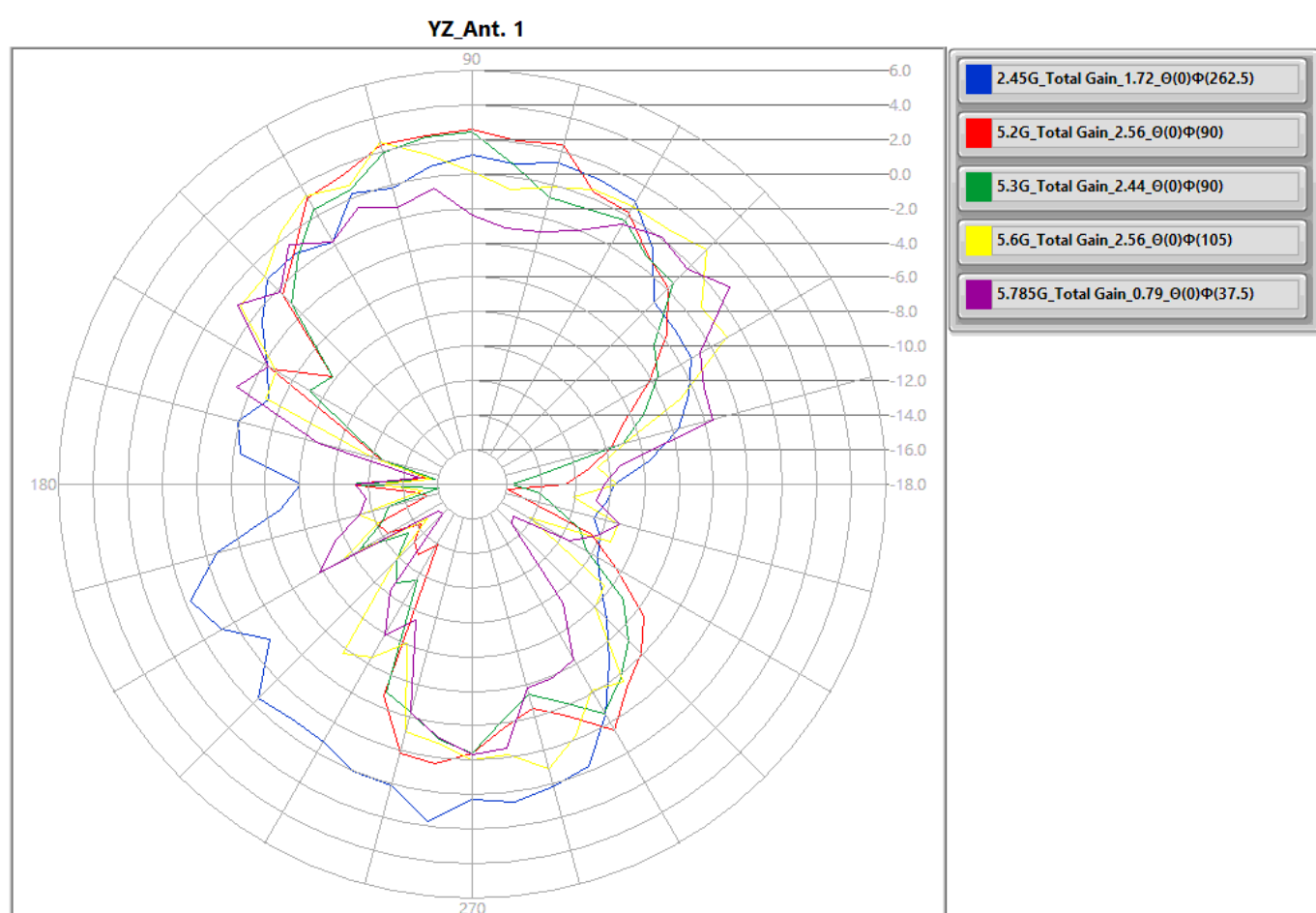
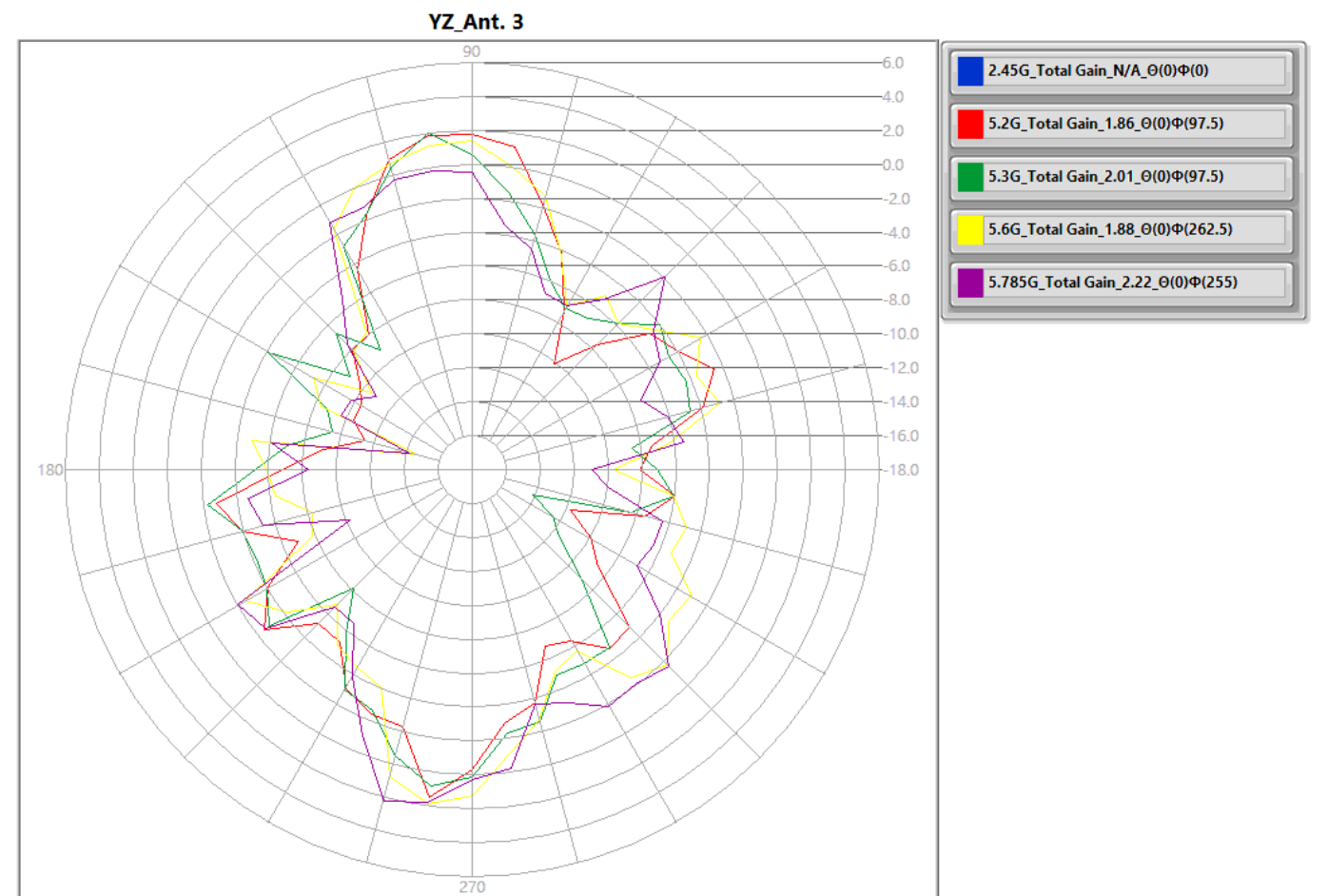
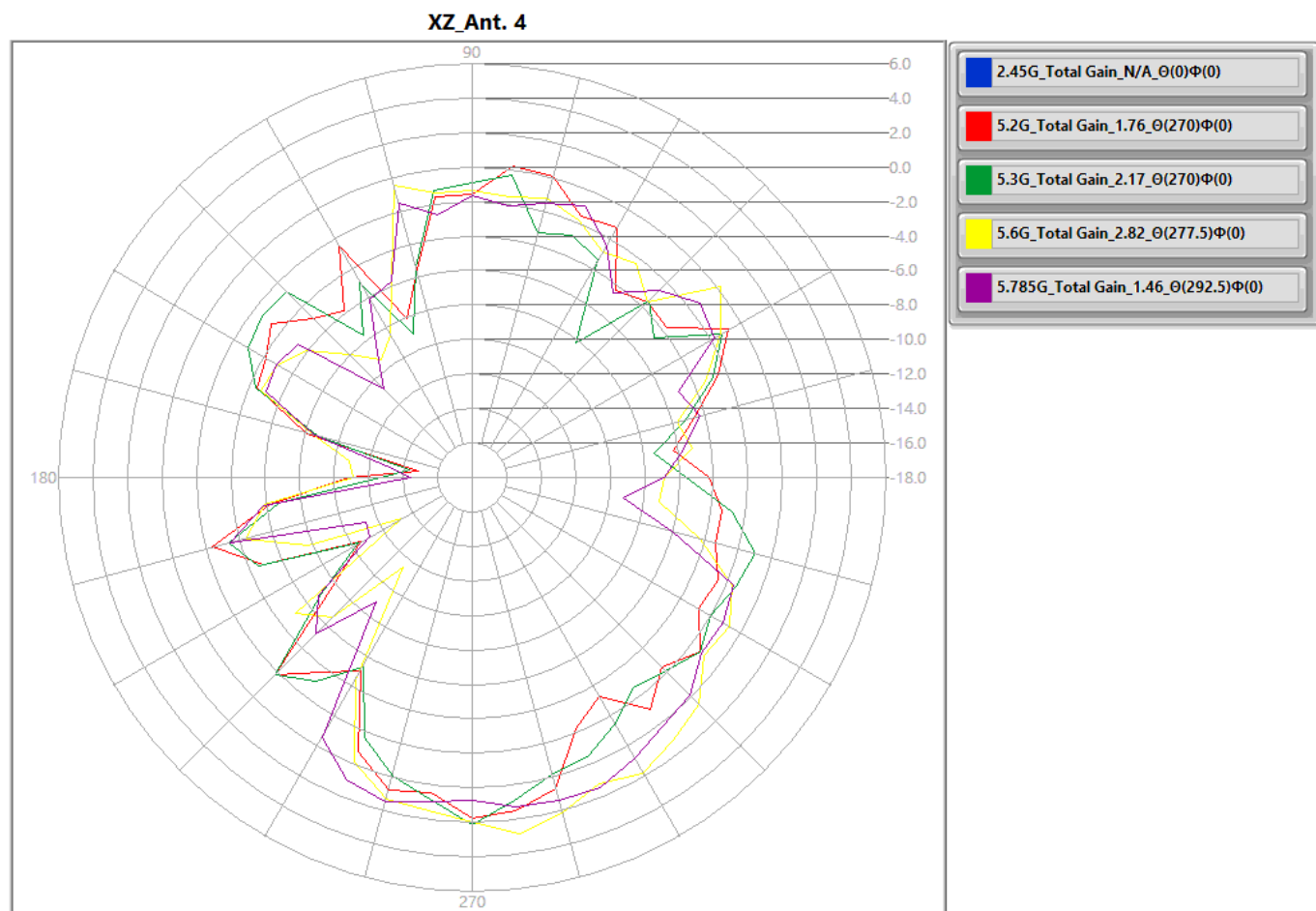
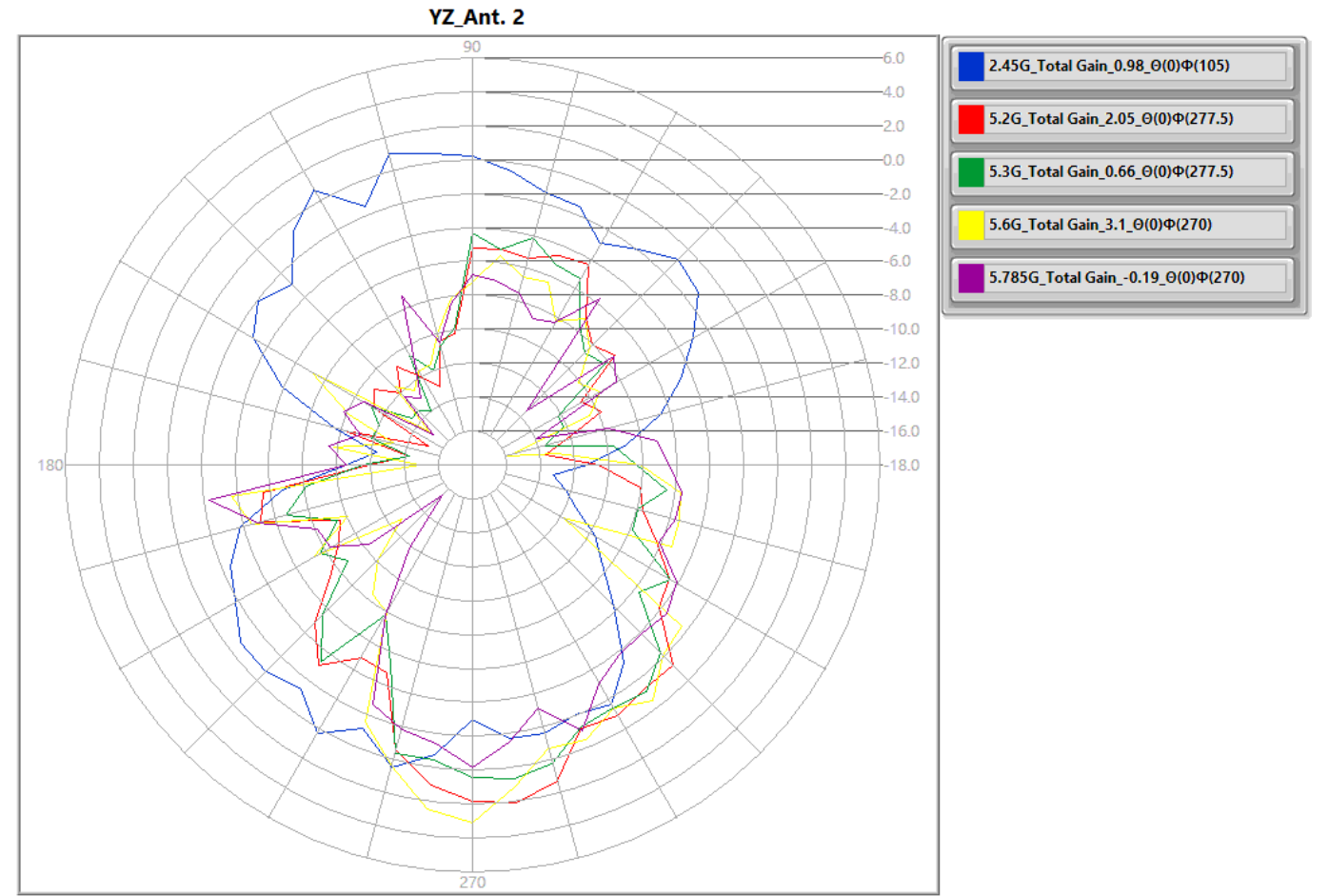
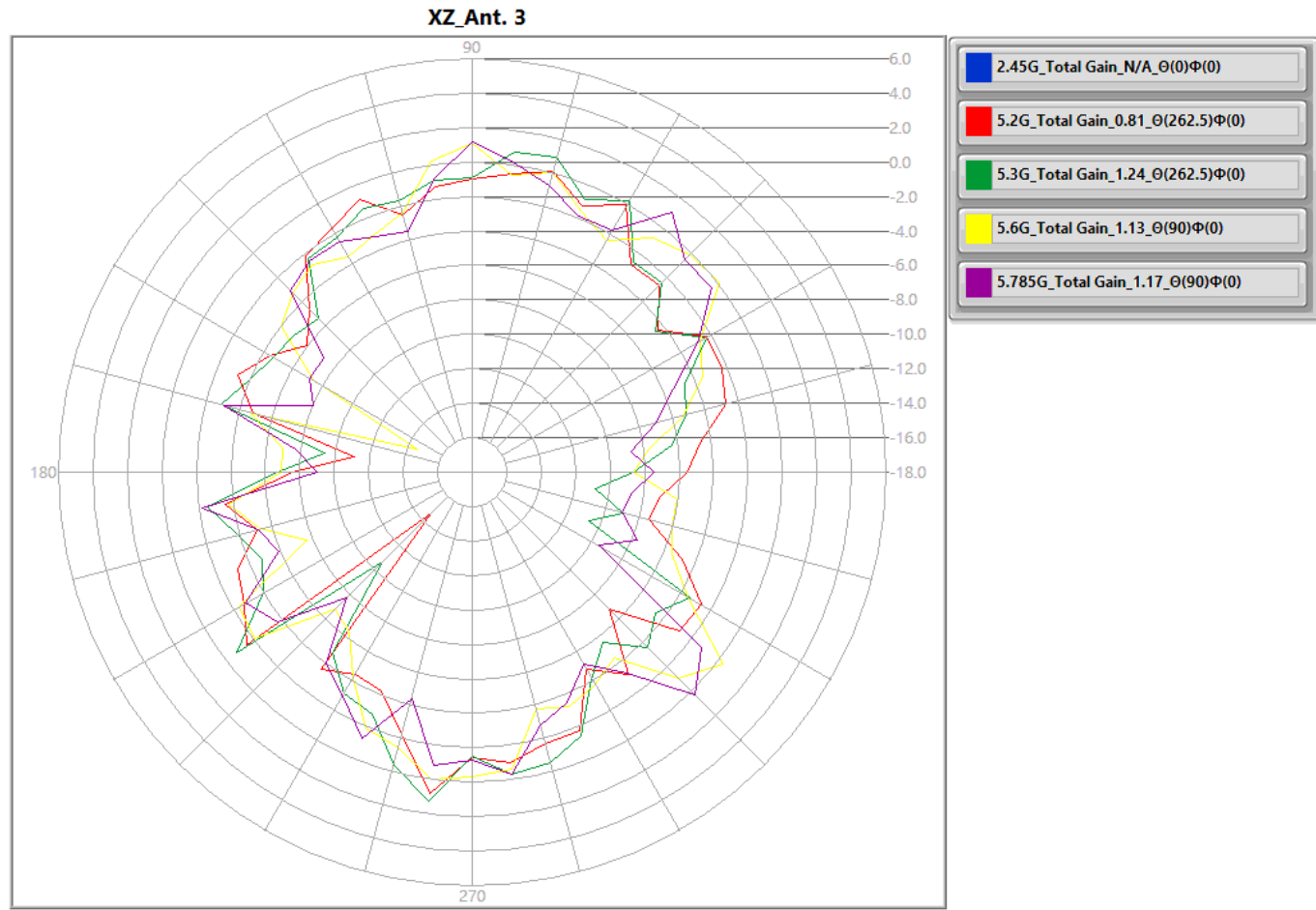






Antenna Pattern 6GHz

Appendix D

Θ (15°)	-7.58/-6.42	-7.05/-6.59	-6.77/-6.88	-6.67/-8.51	-10.45/-11.83	-14.15/-15.89	-13.80/-12.98	-11.02/-9.36	-8.33/-8.03	-6.87/-6.75	-7.22/-8.06	-9.24/-9.81	-9.71/-8.58	-7.30/-5.67	-3.74/-3.08	-2.45/-5.73	-3.65/-4.55	-5.48/-5.80	-6.02/-6.17	-6.28/-6.81	-7.98/-9.55	-10.75/-12.11	-13.91/-15.37	-13.59/-12.52
Θ (22.5°)	-12.02/-8.13	-6.14/-6.75	-4.80/-3.78	-3.75/-4.33	-5.66/-7.08	-7.59/-6.82	-5.43/-4.46	-5.26/-6.57	-6.26/-8.42	-7.72/-6.86	-6.50/-7.51	-9.79/-13.06	-14.74/-14.82	-6.36/-1.38	-2.83/-4.22	-4.94/-5.54	-4.99/-4.09	-3.59/-3.38	-3.36/-4.23	-5.60/-7.01	-7.99/-8.89	-8.93/-8.15	-9.81/-11.55	-13.18/-11.99
Θ (30°)	-6.99/-5.99	-5.72/-7.62	-6.52/-4.75	-5.10/-5.76	-5.50/-6.21	-5.74/-4.48	-3.94/-5.44	-5.53/-5.05	-5.08/-6.22	-8.93/-10.88	-8.51/-6.68	-6.44/-6.35	-6.17/-7.60	-14.45/-9.40	-5.20/-4.04	-3.93/-5.16	-6.41/-6.92	-7.29/-7.01	-6.94/-7.00	-6.64/-8.92	-14.20/-13.11	-11.10/-10.86	-10.30/-9.84	-6.66/-5.85
Θ (37.5°)	-7.20/-7.72	-8.41/-9.77	-6.33/-5.20	-3.91/-1.26	-1.26/-1.56	-0.94/-0.05	0.12/-0.27	-1.26/-2.88	-3.73/-3.49	-5.04/-10.87	-15.18/-12.94	-6.14/-3.51	-4.87/-9.23	-11.60/-8.02	-9.25/-6.84	-6.04/-7.29	-6.93/-6.58	-6.76/-4.26	-3.47/-4.99	-4.72/-4.24	-6.81/-6.55	-6.33/-6.64	-7.97/-7.13	-6.23/-7.88
Θ (45°)	-15.26/-14.72	-9.25/-6.58	-4.66/-2.78	-0.27/-0.96	0.85/-0.07	-0.47/-0.87	-0.15/-0.73	1.19/-0.83	0.45/-0.22	-0.83/-2.54	-6.28/-8.46	-7.67/-5.36	-4.30/-6.09	-10.58/-5.62	-5.94/-6.62	-12.29/-10.17	-9.06/-4.47	-5.59/-9.58	-5.90/-4.25	-3.16/-3.01	-4.50/-7.33	-8.05/-7.20	-9.63/-10.90	-14.87/-15.41
Θ (52.5°)	-4.15/-4.21	-2.31/-1.09	-1.10/-1.13	0.46/-1.54	2.12/-1.61	0.90/-0.45	0.18/-0.00	-0.65/-0.14	1.89/-3.33	3.24/-1.28	-3.10/-7.14	-5.41/-2.37	-2.27/-4.74	-2.82/-3.02	-2.22/-4.89	-10.17/-12.89	-15.50/-12.81	-6.72/-2.74	-1.99/-3.15	-5.75/-7.29	-4.85/-5.04	-6.26/-4.82	-5.92/-6.53	-6.96/-8.01
Θ (60°)	0.67/0.53	1.70/2.68	4.04/4.15	3.52/2.54	1.77/0.71	0.67/1.81	3.11/3.59	2.25/-0.03	-0.31/1.50	1.96/0.26	-2.46/-1.65	-1.89/-1.83	-3.82/-2.51	-3.85/-1.64	-1.24/-2.83	-6.43/-8.28	-5.92/-6.18	-7.49/-7.77	-7.84/-5.99	-5.57/-10.55	-4.46/-1.57	-1.32/-0.68	-0.53/-0.26	-0.80/0.06
Θ (67.5°)	2.13/1.95	1.39/1.66	1.49/2.54	2.42/2.46	0.89/-2.17	-0.13/1.83	2.71/3.37	3.53/3.09	2.92/3.43	3.26/2.09	-1.76/-4.72	-3.29/-4.56	-4.68/-1.42	-2.28/-6.33	-12.08/-8.59	-6.85/-4.42	-8.44/-8.45	-7.52/-10.51	-13.88/-4.49	-3.41/-3.97	-1.76/-0.63	-1.70/-1.76	-0.48/-1.47	1.33/2.68
Θ (75°)	1.85/2.37	3.26/2.46	1.56/1.97	1.66/2.31	1.45/0.16	-0.26/0.53	0.77/-0.37	-0.68/0.34	2.92/4.39	4.34/3.48	0.40/-1.55	-0.75/-0.08	-2.17/-2.05	-1.42/-1.73	-3.09/-0.87	-2.89/-7.20	-7.36/-2.90	-0.92/-7.64	-11.08/-5.89	-1.36/-0.75	-1.48/-3.85	-2.44/0.71	1.58/1.90	2.07/1.95
Θ (82.5°)	4.29/5.57	5.47/5.19	3.49/1.96	-1.18/0.29	0.26/1.97	0.27/-0.63	0.61/1.26	0.67/0.64	2.54/4.84	4.81/3.32	0.62/-1.05	-1.08/-2.84	-7.90/-5.94	-4.92/-6.18	-8.56/-3.40	-3.97/-0.80	0.85/-2.70	1.69/0.27	-2.36/-0.11	-1.57/-7.63	-11.13/-3.79	-1.72/-0.96	1.32/2.19	2.67/4.08
Θ (90°)	4.31/4.64	5.14/4.76	4.02/1.75	-1.79/-2.27	-1.71/0.85	-0.37/-2.71	-2.05/-1.56	-2.86/-0.98	1.59/3.25	2.78/1.05	-0.79/-1.38	-0.45/-0.71	-1.72/-5.54	-6.75/-3.03	-5.61/-3.82	-3.72/-1.31	-1.02/-7.77	1.01/-1.65	-9.55/-3.45	-3.12/-5.82	-4.20/-4.17	-2.38/0.40	1.03/2.25	3.16/4.51
Θ (97.5°)	1.93/2.23	3.37/3.22	3.61/3.02	1.63/1.23	1.05/1.60	0.45/-1.54	-1.39/0.99	-0.42/-1.12	2.40/4.25	3.20/1.67	0.68/-2.05	-3.12/-3.27	-5.37/-7.31	-4.94/-2.69	-5.67/-8.33	-8.85/-2.93	-2.20/-5.96	3.51/-0.90	-4.62/-3.71	-1.31/-4.19	-2.20/-4.29	-3.71/-1.34	-0.61/0.38	0.43/2.05
Θ (105°)	0.98/2.69	2.98/3.20	2.55/1.51	0.10/-0.15	0.98/1.33	-0.16/-2.36	-2.77/-3.90	-2.15/-2.04	-1.80/-0.42	1.23/1.81	0.94/-3.68	-6.06/-5.62	-3.48/-7.87	-7.60/-6.23	-8.24/-10.29	-8.53/-2.64	-10.41/-3.17	0.18/-3.58	-6.29/-7.98	-4.29/-4.18	-0.27/-1.50	1.13/1.74	1.39/0.51	-1.40/2.40
Θ (112.5°)	-0.09/2.27	2.00/1.78	0.24/-0.75	-0.82/0.39	1.14/-0.32	-4.38/-7.78	-3.32/-1.09	-0.50/-1.50	-2.56/-4.57	-6.41/-5.23	-4.38/-5.98	-5.57/-3.47	-1.23/-3.36	-6.54/-10.17	-6.30/-8.91	-3.96/-3.15	-8.57/-8.96	-0.63/-1.20	-7.33/-9.26	-3.45/-0.95	0.02/-2.39	1.19/2.79	0.92/-0.02	-1.10/0.85
Θ (120°)	0.04/1.98	2.14/2.17	0.80/-1.07	-3.28/-3.26	-2.48/-0.90	-1.27/-4.50	-8.72/-6.00	-5.22/-5.69	-5.01/-4.78	-6.77/5.96	-4.81/-4.30	-3.78/-5.19	-7.72/-13.92	-14.81/-11.82	-8.50/-4.56	-4.88/-7.94	-15.52/-7.60	-3.02/-6.40	-6.63/-10.54	-8.22/-5.51	-0.43/0.49	-0.20/0.59	-1.28/0.99	
Θ (127.5°)	1.75/2.84	2.94/2.73	0.95/-1.34	-5.01/-8.14	-4.68/-1.97	-1.91/-3.18	-6.29/-12.69	-12.49/-8.92	-6.84/-6.33	-10.61/-14.59	-7.24/-5.32	-5.48/-6.98	-5.97/-6.85	-5.00/-9.13	-8.85/-4.03	-3.76/-5.95	-7.08/-5.63	-2.62/-1.52	-9.07/-7.49	-8.41/-12.04	-5.27/-2.13	-1.48/0.70	0.91/-0.28	-0.85/-1.13
Θ (135°)	4.70/4.96	4.92/4.22	2.68/0.01	-2.55/-1.55	-7.50/-4.48	-2.74/-3.72	-5.52/-7.84	-10.32/-10.26	-9.24/-8.48	-7.70/-8.85	-13.71/-15.05	-14.68/-14.56	-12.82/-7.36	-5.97/-8.09	-10.27/-9.96	-8.10/-12.45	-8.58/-6.26	-5.44/-3.08	-2.83/-5.17	-15.41/-8.01	-4.09/-1.63	-1.26/-0.65	0.37/1.06	2.98/4.07
Θ (142.5°)	4.21/4.14	4.24/4.09	3.13/1.94	-0.18/-2.39	-6.80/-7.76	-8.12/-7.20	-5.57/-4.49	-3.43/-3.23	-1.95/-1.11	-7.75/-9.82	-11.03/-12.18	-10.64/-7.35	-6.86/-9.24	-9.07/-5.71	-1.94/-8.71	-7.07/-3.45	-2.97/-2.53	-2.22/-4.72	-15.18/-9.75	-4.56/-4.92	-1.23/-2.13	-0.66/-1.14	-3.01/-0.13	1.87/3.57
Θ (150°)	1.66/1.97	2.51/2.53	1.88/0.63	-1.52/-3.95	-5.96/-5.61	-3.65/-1.85	-1.96/-3.54	-5.19/-7.26	-9.39/-10.82	-8.42/-5.41	-3.49/-3.70	-5.49/-7.29	-9.99/-11.64	-7.68/-5.98	-6.37/-6.83	-5.57/-3.29	-3.09/-5.09	-5.58/-8.27	-9.93/-9.00	-6.37/-6.55	-8.13/-8.29	-7.59/-7.64	-5.16/-2.96	-1.73/-0.38
Θ (157.5°)	-0.08/0.27	0.70/0.55	-0.46/-1.78	-3.44/-5.88	-8.83/-8.91	-7.02/-6.21	-6.76/-7.74	-8.32/-10.82	-13.83/-15.21	-12.26/-7.34	-3.94/-2.13	-1.61/-2.95	-6.87/-8.91	-8.79/-9.11	-10.46/-8.26	-6.18/-5.56	-6.54/-7.80	-8.36/-6.93	-8.66/-6.54	-3.57/-3.32	-2.70/-2.86	-4.58/-6.36	-6.95/-6.08	-4.89/-2.86
Θ (165°)	-9.59/-9.16	-7.87/-7.38	-8.55/-10.30	-11.92/-14.34	-15.06/-14.52	-12.09/-11.33	-10.55/-10.44	-10.26/-9.32	-9.23/-9.58	-9.93/-6.18	-5.29/-3.50	-2.87/-3.24	-4.31/-4.65	-5.35/-8.22	-13.98/-14.15	-8.97/-6.26	-5.49/-5.19	-4.78/-4.21	-3.38/-2.54	-2.56/-2.55	-2.49/-3.23	-5.33/-7.47	-9.97/-9.97	-11.51/-12.03
Θ (172.5°)	-7.09/-7.52	-8.45/-9.64	-10.01/-10.51	-13.46/-14.83	-15.73/-14.86	-14.67/-15.04	-16.02/-15.10	-15.94/-15.43	-13.93/-11.01	-9.94/-10.41	-11.47/-11.84	-11.14/-14.57	-15.27/-15.72	-13.58/-12.03	-7.71/-5.05	-3.55/-2.68	-2.38/-2.23	-2.49/-2.93	-3.23/-3.39	-3.48/-3.60	-3.47/-3.23	-3.55/-3.74	-3.90/-4.64	-5.55/-5.55
Θ (180°)	-4.61/-4.17	-3.46/-3.89	-4.33/-5.72	-8.04/-7.74	-6.72/-6.45	-7.29/-7.22	-6.87/-1.09	-7.33/-6.83	-5.97/-4.31	-3.20/-2.76	-2.77/-3.13	-4.25/-4.46	-4.80/-5.04	-5.25/-5.61	-5.63/-5.27	-4.98/-4.90	-4.45/-4.37	-4.57/-5.21	-5.76/-5.98	-6.02/-5.77	-4.97/-4.25	-4.18/-4.04	-4.03/-4.58	-4.67/-4.53
Freq(Hz)	6.475GPol.	TotalAnt.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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°)	-15.63/-15.59	-15.04/-15.79	-15.50/-16.19	-15.22/-13.94	-14.75/-14.15	-14.31/-14.05	-15.80/-15.08	-15.97/-15.54	-15.72/-15.71	-15.04/-14.97	-14.99/-15.26	-15.23/-14.81	-15.48/-15.45	-15.60/-15.54	-15.76/-16.25	-15.29/-14.55	-15.37/-14.57	-15.70/-15.51	-15.25/-15.58	-15.80/-14.90	-14.91/-15.28	-16.02/-15.03	-15.03/-16.07	-15.22/-14.71
Θ (7.5°)	-11.92/-12.77	-13.12/-13.64	-13.15/-11.28	-11.45/-11.28	-13.94/-13.35	-14.13/-14.05	-14.20/-15.40	-14.34/-13.11	-13.76/-14.44	-13.61/-14.25	-13.90/-12.24	-13.46/-15.55	-14.96/-14.36	-13.29/-11.73	-11.26/-10.97	-10.79/-10.95	-10.58/-10.27	-10.10/-10.60	-11.23/-12.13	-12.55/-13.15	-14.04/-16.63	-13.87/-14.21	-12.30/-11.66	
Θ (15°)	-9.12/-7.18	-5.94/-6.00	-6.04/-6.19	-6.15/-6.04	-5.96/-6.70	-7.06/-7.49	-8.57/-9.08	-8.91/-8.04	-8.53/-11.09	-12.66/-12.55	-12.67/-14.36	-13.98/-11.98	-11.07/-11.62	-13.25/-12.22	-9.67/-7.17	-6.00/-5.54	-5.58/-5.77	-5.98/-6.87	-8.75/-10.44	-12.21/-12.46	-12.16/-13.04	-12.72/-12.06	-13.24/-11.68	-11.60/-9.38
Θ (22.5°)	-6.42/-6.56	-5.82/-6.38	-7.07/-8.26	-7.29/-6.03	-6.24/-5.47	-4.85/-6.20	-8.05/-9.27	-9.43/-9.17	-10.34/-13.83	-13.73/-10.79	-9.51/-7.64	-4.72/-6.47	-6.57/-8.46	-8.72/-7.50	-5.12/-2.32	-0.91/-1.70	-3.99/-5.98	-6.62/-5.55	-5.78/-6.45	-7.28/-7.88	-10.10/-9.36	-7.80/-7.11	-6.26/-6.49	-7.14/-6.88
Θ (30°)	-11.92/-12.40	-11.37/-13.14	-12.67/-12.09	-8.68/-6.08	-4.13/-2.95	-3.33/-5.37	-7.60/-8.56	-8.75/-6.94	-3.96/-3.24	-4.90/-6.89	-9.98/-7.65	-3.65/-1.79	-1.68/-3.92	-10.44/-11.82	-4.62/-1.75	-1.52/-2.94	-6.42/-9.21	-4.97/-2.89	-3.96/-7.47	-10.65/-12.19	-10.03/-7.32	-4.31/-3.44	-4.72/-7.81	-10.02/-11.15
Θ (37.5°)	-8.99/-11.83	-11.73/-8.25	-6.18/-3.34	-0.82/0.84	1.55/-1.22	0.33/-0.80	-0.54/-0.46	-1.10/-1.41	-0.89/-2.30	-6.67/-9.82	-5.86/-3.68	-6.54/-14.57	-13.86/-7.24	-5.28/-4.77	-4.51/-6.75	-8.67/-6.69	-3.64/-2.81	-6.48/-10.38	-10.74/-5.56	-2.28/-2.28	-3.04/-5.44	-9.64/-9.41	-12.25/-11.59	
Θ (45°)	-5.22/-5.17	-3.88/-2.40	-1.76/0.33	1.97/2.80	3.12/2.83	1.82/0.89	0.65/1.11	2.11/2.38	1.15/0.16	-0.49/-3.22	-6.18/-10.84	-9.99/-2.22	-2.77/-6.12	-4.48/-2.50	-3.99/-6.15	-11.93/-11.45	-8.68/-4.23	-2.40/-3.12	-5.35/-6.27	-3.57/-2.65	-2.56/-5.86	-9.17/-8.25	-6.46/-5.11	-7.03/-7.88
Θ (52.5°)	-1.70/-0.76	0.16/0.18	0.74/1.65	2.04/2.09	1.96/1.82	1.85/2.09	1.54/-1.22	1.34/-1.92	2.49/1.43	0.23/-0.21	-6.31/-7.08	-5.10/-5.22	-2.60/-3.21	-5.13/-9.13	-8.65/-8.76	-10.34/-5.38	-5.04/-5.43	-7.25/-9.01	-4.43/-4.85	-6.22/-8.13	-5.34/-3.84	-1.36/-1.14	2.39/-1.54	
Θ (60°)	1.97/1.31	0.72/0.11	-0.27/0.52	1.39/1.67	0.91/-1.27	-0.25/2.39	3.07/2.29	1.92/3.06	2.64/0.60	-0.35/-1.39	-4.88/-6.20	-3.58/-4.63	-6.21/-4.78	-5.50/-3.72	-4.56/-11.19	-6.73/-6.21	-7.37/-9.90	-7.10/-5.40	-8.24/-8.18	-9.21/-9.29	-6.75/-1.71	-2.16/-2.07	-1.29/0.05	0.45/1.51
Θ (67.5°)	1.88/-1.19	1.59/0.81	0.10/0.39	-0.22/0.61	-0.81/-2.02	-0.38/1.88	1.57/0.22	-0.85/-3.44	2.65/3.70	2.45/0.67	-2.65/-4.58													



Antenna Pattern_6GHz

Appendix D

Θ(112.5°)	-7.84/-7.18	-6.44/-4.29	-2.82/-3.65	-4.13/-2.53	-2.33/-5.12	-9.21/-5.78	-5.17/-4.27	-6.65/-8.15	-6.45/-6.20	-9.41/-14.59	-9.55/-10.64	-6.58/-5.52	-1.94/-1.21	-2.27/-5.44	-6.70/-9.90	-7.93/-11.64	-5.67/-6.91	-7.79/-3.41	-2.64/-3.46	-10.97/-10.52	0.15/0.79	0.36/-1.08	-3.94/-4.50	-2.47/-4.21
Θ(120°)	-0.28/-2.00	-5.25/-7.29	-6.88/-4.78	-4.72/-4.23	-3.53/-5.83	-7.25/-9.02	-9.62/-10.12	-15.74/-8.76	-5.36/-5.74	-15.82/-13.20	-13.17/-10.89	-6.95/-8.19	-8.00/-2.53	-5.35/-4.56	-2.77/-1.47	-3.46/-6.19	-10.40/-7.14	-7.45/-11.45	-3.35/-7.13	-9.26/-5.92	-3.30/-1.02	-4.92/-4.69	-0.91/-2.03	2.76/-0.92
Θ(127.5°)	-0.01/-0.09	-2.86/-5.63	-12.48/-11.29	-8.45/-5.70	-4.62/-5.45	-7.42/-4.99	-4.32/-5.56	-4.98/-5.97	-5.91/-12.38	-10.50/-5.61	-4.95/-9.09	-8.45/-7.32	-7.10/-4.32	-3.85/-3.56	0.71/2.79	-1.46/0.72	-4.20/-13.52	-2.33/1.82	-1.19/-3.94	-3.68/0.09	3.04/1.42	2.04/-1.51	-3.70/-1.38	1.30/-2.35
Θ(135°)	-3.27/-1.35	-3.36/-4.72	-9.24/-7.70	-8.15/-6.62	-4.95/-6.47	-6.36/-5.65	-10.61/-14.59	-12.61/-7.80	-10.36/-13.20	-8.18/-4.67	-3.45/-4.38	-5.34/-4.43	-1.77/-1.61	0.53/-2.34	-1.10/-0.42	0.98/4.49	1.11/-1.80	5.056.70	2.32/-0.40	2.95/3.48	3.71/3.99	0.88/-0.44	-3.82/-0.91	1.31/-0.23
Θ(142.5°)	-3.69/-2.50	-1.15/-1.01	-1.82/-4.06	-5.20/-4.06	-3.58/-2.90	-3.90/-6.60	-8.58/-10.02	-8.14/-5.99	-6.49/-7.67	-5.74/-5.84	-5.29/-4.91	-3.26/-4.02	-1.47/0.20	-0.41/-2.57	-3.12/-0.49	2.95/2.54	-1.21/2.07	6.03/6.25	2.26/-0.06	3.00/4.30	3.10/3.30	2.02/-0.60	0.79/2.68	3.78/2.79
Θ(150°)	1.31/0.60	1.05/0.67	0.22/1.04	1.16/0.22	0.42/-0.19	-1.51/-3.73	-5.80/-8.46	-10.95/-9.58	-7.42/-6.99	-6.53/-9.31	-12.09/-8.29	-8.14/-6.83	-1.67/1.09	1.85/0.59	-2.10/-2.53	-1.77/-3.56	-3.22/1.84	4.82/4.22	0.39/-3.80	-1.81/2.22	2.96/2.72	2.76/2.93	3.48/4.32	4.14/2.87
Θ(157.5°)	-0.70/-1.45	0.98/3.22	3.80/2.40	0.61/-0.02	-0.77/-1.76	-4.37/-9.51	-14.32/-11.06	-8.63/-8.30	-7.93/-6.03	-4.59/-5.31	-7.80/-8.27	-7.44/-8.05	-5.18/-1.07	-0.12/-1.01	-3.34/-5.16	-5.04/-2.92	-0.12/2.20	3.18/2.45	0.48/-1.90	-2.75/-0.75	0.50/1.68	2.20/3.39	4.53/4.82	4.35/3.11
Θ(165°)	1.78/1.31	1.24/0.49	-1.95/-3.10	-2.03/-2.50	-3.85/-5.47	-5.50/-6.82	-9.88/-12.18	-8.62/-6.84	-5.51/-3.54	-3.26/-4.43	-6.06/-7.50	-8.77/-8.30	-6.76/-4.56	-1.92/0.11	2.02/3.37	4.67/5.27	5.49/5.35	4.72/3.60	1.83/-0.37	-1.81/-1.80	-1.25/0.16	1.70/2.48	2.52/2.34	1.96/1.13
Θ(172.5°)	-6.48/-11.09	-10.71/-7.58	-3.61/-0.94	-1.36/-2.95	-4.82/-5.99	-7.43/-9.77	-12.96/-12.01	-11.72/-10.97	-9.00/-7.43	-6.77/-7.53	-7.83/-7.98	-6.23/-4.48	-0.24/-1.22	2.35/3.43	4.27/5.17	5.68/5.66	5.28/4.83	3.99/3.39	2.90/2.21	1.29/0.56	0.88/1.18	1.76/1.75	0.48/-0.37	-1.93/-4.22
Θ(180°)	-11.04/-12.53	-11.48/-8.78	-7.02/-6.77	-9.75/-12.10	-11.45/-8.85	-8.63/-8.92	-7.23/-6.36	-6.98/-8.49	-10.07/-10.58	-10.00/-10.46	-10.54/-10.53	-10.64/-11.11	-8.93/-7.20	-6.15/-5.36	4.53/-4.13	-3.68/-3.10	-2.79/-2.63	-2.71/-2.61	-2.47/-2.45	-2.39/-2.21	-2.00/-2.42	-2.40/-2.76	-3.45/-4.29	-6.20/-9.59
Freq(Hz)	6.475GPol.	Total/Ant.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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°)	4.81/4.90	5.21/4.77	4.25/4.62	4.84/4.57	4.46/4.21	4.46/4.71	4.82/4.77	4.94/5.12	4.85/4.42	4.45/4.67	4.46/4.48	4.54/4.36	4.13/4.05	4.09/4.09	4.00/4.07	4.20/4.33	4.27/4.40	4.59/4.70	4.65/4.73	4.59/4.60	4.63/4.43	4.38/4.51	4.74/4.97	4.79/4.98
Θ(7.5°)	4.64/4.51	4.70/4.07	4.02/4.06	3.91/3.81	3.50/3.32	3.48/3.35	3.09/3.39	3.63/4.06	4.18/4.18	4.04/4.10	4.18/4.08	4.26/4.33	4.44/4.34	4.40/4.60	4.23/4.40	4.89/4.94	5.16/5.07	5.56/5.84	5.51/5.91	5.75/5.51	5.63/5.23	4.97/4.73	4.75/4.76	4.79/4.78
Θ(15°)	4.49/4.27	4.01/3.06	2.93/1.69	1.69/1.85	1.41/1.94	2.18/2.25	2.81/3.42	3.75/3.82	3.66/3.09	3.04/2.96	3.01/3.18	3.37/3.37	3.69/3.98	4.51/4.63	4.93/5.34	5.71/5.85	5.91/6.06	5.92/6.14	5.84/5.45	5.15/5.12	4.54/5.43	4.96/4.51	4.41/4.50	4.30/4.06
Θ(22.5°)	3.00/2.25	1.68/1.67	1.04/1.14	1.59/1.47	0.66/1.26	1.68/2.48	2.63/2.21	1.83/1.84	2.06/2.09	1.97/1.66	1.56/1.19	1.43/2.05	3.25/3.68	3.72/3.51	3.45/3.68	3.99/4.14	4.38/4.06	3.78/4.39	5.12/5.43	5.23/4.85	5.21/5.20	4.73/4.07	3.98/4.01	3.38/2.39
Θ(30°)	0.39/-1.10	-1.96/-2.40	-1.18/-0.47	-1.56/-1.48	-5.74/-4.15	-2.58/-1.68	-1.71/-2.18	-9.87/-2.63	-0.44/0.97	2.05/4.42	1.93/0.66	-0.78/-0.71	-0.60/0.18	1.29/1.82	1.84/1.53	1.29/1.42	1.94/2.63	3.18/3.35	2.74/2.41	2.22/2.34	2.58/3.11	3.29/3.33	2.53/1.94	1.14/0.82
Θ(37.5°)	-4.88/-4.26	-4.54/-4.16	-4.74/-6.72	-6.04/-7.08	-9.77/-15.00	-9.91/-8.29	-10.71/-11.76	-8.23/-6.93	-7.16/-7.22	-5.82/-2.85	-0.55/-1.12	-2.96/-3.46	-2.39/-0.80	-0.27/-0.17	0.17/0.07	-0.52/-0.05	1.09/0.52	-1.21/-0.76	0.60/1.07	0.73/1.63	1.83/1.84	1.31/1.04	-2.12/-3.82	-3.57/-2.46
Θ(45°)	-3.45/-3.85	-4.27/-6.06	-13.96/-8.63	-8.75/-15.27	-15.11/-10.11	-7.88/-7.22	-7.58/-8.05	-6.00/-3.37	-3.74/-5.62	-4.53/-3.62	-3.40/-4.17	-4.70/-5.84	-4.79/-0.90	0.45/0.59	1.31/1.15	0.34/-0.41	-2.03/-3.05	-1.96/-1.78	-3.28/-1.82	0.53/0.85	-0.61/-1.46	-0.95/-3.71	-6.38/-5.56	-3.37/-2.40
Θ(52.5°)	-3.11/-3.06	-4.83/-8.71	-12.44/-12.44	-9.08/-9.20	-8.78/-13.52	-6.67/-3.98	-5.97/-10.75	-7.12/-8.36	-3.21/-4.67	-5.26/-1.95	-4.17/-6.48	-4.89/-5.56	-4.00/-0.49	0.86/0.45	2.09/1.85	-0.22/-1.30	-1.40/-2.86	-5.40/-5.31	-1.98/0.07	1.60/0.82	-1.34/-4.99	-4.45/-4.53	-5.86/-3.65	-3.02/-2.57
Θ(60°)	-7.04/-8.89	-9.27/-7.92	-3.88/-4.53	-5.19/-4.34	-6.20/-10.55	-4.19/-4.34	-16.01/-13.03	-8.70/-7.39	-2.97/-3.89	-4.35/-7.08	-9.12/-11.44	-1.34/-4.37	-4.28/-2.20	0.81/0.17	-0.20/-1.22	-1.29/-2.31	-2.04/-3.72	-5.88/-5.02	-1.57/-0.49	-1.40/-0.17	-0.60/-1.72	-1.49/0.16	0.02/-1.81	-3.33/-7.65
Θ(67.5°)	-6.58/-3.60	-2.73/-2.56	-5.04/-7.20	-9.97/-5.87	-3.37/-6.93	-10.36/-7.60	-8.47/-13.88	-8.14/-2.99	-1.87/-3.13	-8.93/-6.45	-10.88/-15.15	-7.03/-9.63	-7.18/-4.16	-1.96/-3.68	-1.42/-1.55	-6.36/-5.64	-3.17/-4.00	-4.31/-1.41	0.00/-0.89	-1.19/0.63	2.28/1.82	0.75/-2.31	-4.53/-8.85	-8.17/-3.04
Θ(75°)	-9.23/-11.30	-7.39/-5.13	-6.40/-6.04	-7.24/-6.56	-6.22/-12.63	-6.50/-3.00	-3.05/-5.36	-12.26/-6.43	-0.88/-4.30	-8.13/-8.15	-15.32/-13.58	-6.09/-5.58	-4.18/-2.16	-4.05/-3.16	-3.99/-5.47	-7.97/-6.96	-1.74/-3.78	-2.28/1.85	2.41/1.98	-0.16/0.77	0.66/-0.51	-3.39/-5.39	-6.42/-7.31	-2.52/-4.55
Θ(82.5°)	-9.07/-11.51	-7.85/-7.01	-4.45/-3.77	-5.30/-6.57	-4.73/-12.40	-11.56/-9.45	-11.56/-14.76	-13.25/-7.02	-4.35/-10.41	-15.03/-14.41	-7.62/-11.47	-8.87/-8.20	-10.46/-5.38	-6.22/-4.25	-0.28/-7.49	-1.51/-5.70	-2.08/-3.60	4.40/3.41	1.40/-0.02	0.08/-0.16	-0.63/-1.94	-4.45/-5.11	-5.69/-10.09	
Θ(90°)	-8.66/-5.94	-9.11/-6.14	-7.93/-6.38	-7.13/-5.14	-11.89/-10.22	-4.00/-2.57	-2.95/-1.17	-3.53/-7.87	-4.81/-2.26	-5.77/-11.34	-5.62/-8.73	-13.81/-10.59	-12.15/-5.00	-6.76/-4.93	-4.86/-4.25	-5.34/-6.66	-3.78/0.56	0.31/0.87	1.59/1.64	1.67/0.52	-0.11/-0.77	-1.20/-4.23	-6.24/-2.04	-3.80/-7.14
Θ(97.5°)	-6.96/-6.83	-7.48/-6.40	-8.35/-8.10	-7.46/-6.99	-11.17/-14.00	-8.93/-9.26	-13.79/-8.42	-6.78/-8.82	-12.38/-13.77	-15.75/-15.81	-12.12/-13.95	-15.23/-13.61	-8.47/-7.11	-9.44/-8.97	-5.24/-7.15	-4.81/-1.82	-0.18/1.82	-3.60/2.18	3.60/2.18	-0.14/-0.93	-3.00/-3.63	-3.91/-4.27	-5.40/-4.07	-5.10/-8.10
Θ(105°)	-4.68/-4.01	-7.47/-3.38	-1.79/-3.77	-3.31/-1.27	-6.87/-15.00	-10.97/-7.71	-7.87/-5.77	-5.40/-4.74	-9.87/-8.20	-13.79/-8.97	-10.46/-5.38	-6.22/-4.25	-0.28/-7.49	-1.51/-5.70	-2.08/-3.60	-1.51/-5.70	-0.30/0.77	-0.49/1.66	-1.21/-4.88	-2.33/-1.53	-3.80/-6.38	-5.56/-1.79	-3.88/-9.05	
Θ(112.5°)	-12.33/-5.94	-4.80/-2.92	-0.61/-0.67	-1.54/-1.40	-1.81/-6.32	-9.63/-12.17	-11.49/-14.97	-12.74/-9.77	-6.85/-6.65	-10.00/-13.59	-12.58/-9.68	-5.51/-7.63	-3.86/-4.28	-4.85/-4.51	-3.90/-10.49	-6.49/-3.48	-0.98/-3.16	-0.87/0.21	1.57/1.77	-2.46/-0.65	-1.18/-2.02	-3.32/-2.00	-4.10/-6.48	-9.07/-8.78
Θ(120°)	-5.13/-7.27	-3.07/-3.66	-4.53/-7.16	-4.34/-5.82	-7.22/-5.00	-6.10/-11.92	-14.54/-7.60	-9.47/-9.49	-10.37/-9.21	-14.51/-15.51	-9.91/-6.02	-7.98/-9.92	-7.50/-7.11	-5.46/-5.04	-6.08/-9.07	-11.05/-4.95	-2.38/-0.08	-0.82/-1.21	-0.71/-0.54	-6.86/-8.29	-2.50/-2.66	-1.23/-2.66	0.66/2.28	0.59/-5.31
Θ(127.5°)	-2.72/-3.74	-1.78/-2.48	-6.23/-10.43	-13.58/-6.41	-7.14/-6.09	-4.46/-7.45	-4.27/-1.40	-3.60/-5.85	-7.24/-6.39	-8.95/-8.81	-6.81/-10.21	-6.26/-6.52	-6.05/-3.34	-4.27/-4.06	-2.15/0.05	-1.49/-2.83	-2.30/-5.07	0.87/2.83	0.47/-2.85	-0.77/2.72	2.81/1.68	0.10/-9.38	-0.06/3.35	0.33/-9.89
Θ(135°)	-5.43/-3.76	-6.88/-4.57	-7.29/-13.40	-12.67/-15.15	-14.38/-13.29	-10.88/-6.27	-6.99/-13.70	-13.87/-13.62	-14.66/-10.64	-10.21/-10.07	-9.96/-6.00	-5.82/-10.72	-5.19/-1.55	-0.18/-1.33	0.77/2.40	1.05/4.85	2.08/1.12	6.206.77	3.17/-0.82	2.56/3.02	4.18/0.93	-1.22/-3.29	-8.55/-4.84	-1.82/-2.49
Θ(142.5°)	-1.42/-1.44	-3.95/-4.92	-3.64/-4.27	-10.34/-8.95	-7.16/-4.68	-6.24/-6.75	-7.16/-9.13	-15.57/-7.94	-5.48/-7.32	-1.88/-14.85	-7.13/-4.78	-12.08/-12.51	-3.45/-0.40	-2.58/-4.59	-2.68/-2.56	0.11/1.01	-1.72/-1.10	5.23/5.75	1.41/0.84	2.68/2.40	2.15/3.20	1.34/-0.45	0.57/2.50	3.57/1.50
Θ(150°)	-0.63/-0.39	0.67/0.55	0.49/1.47	1.80/0.65	-1.27/-2.30	-2.78/-4.98	-8.06/-9.47	-9.86/-11.87	-9.46/-8.10	-9.24/-13.81	-13.09/-5.74	-5.51/-9.34	-8.62/-3.02	-1.29/-2.63	-1.87/-1.20	-2.46/-4.10	-5.05/-1.54	2.53/2.77	-0.44/-2.04	0.29/2.70	2.22/1.09	1.57/2.49	3.68/4.57	4.06/2.53
Θ(157.5°)	-2.38/-2.17	0.12/1.99	2.38/1.05	-0.25/-0.49	-1.13/-2.60	-5.35/-9.27	-12.84/-12.29	-11.07/-11.93	-10.13/-8.59	-8.86/-11.78	-12.01/-6.82	-5.56/-7.05	-6.89/-4.45	-4.30/-3.42	-2.41/-2.65	-4.55/-4.29	-1.88/0.55	-0.94/-1.04	-4.00/-4.05	-1.94/-0.15	0.52/-0.05	0.92/2.48	3.36/3.23	2.50/-6.19
Θ(165°)	-1.96/-1.19	-1.21/-1.03	-1.57/-1.07	-0.37/-0.87	-2.73/-5.26	-6.58/-7.70	-8.19/-11.31	-10.25/-9.24	-7.94/-6.20	-5.54/-5.99	-6.94/-8.69	-8.98/-8.34	-8.39/-6.66	-5.30/-4.09	-2.21/-0.00	2.19/3.94	5.13/5.48	5.10						

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

