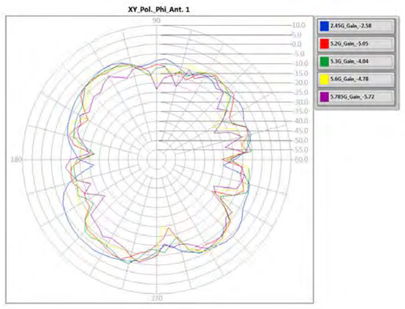
θ(170°)	-15.74/-15.54/-56.06	-16.51/-18.63/-18.99	-17.53/-17.06/-23.91	-19.78/-21.39/-21.74	-21.07/-24.1/-27.81	-19.52/-14.99/-15.55	-14.93/-13.89/-11.62	-17.46/-19.02/-15.41	-14.76/-14.65/-17.69	-21.94/-27.85/-23.91	-15.79/-18.33/-24.44	-21.91/-16.19/-22.98	-22.03/-16.93/-19.7	-23.52/-26.65/-22.1	-22.57/-17.08/-18.61	-16.98/-18.67/-17.41	-14.98/-13.81/-17	-12.62/-12.67/-17.73	-18.52/-18.75/-18.3	-12.6/-11.82/-13.29	-13.21/-13.05/-12.28	-14.55/-16.67/-17.1	-13.91/-12.86/-10.55	-11.7/-12.01/-12.61
θ(160°)	-14.85/-14.37/-18.1	-17.61/-16.98/-18.28	-19.45/-22.53/-27.69	-22.68/-19.09/-19.9	-21.54/-24.99/-27.55	-21.99/-19.52/-20.41	-15.34/-13.49/-13.62	-19.27/-19.43/-16.45	-14.68/-17.27/-24.48	-21.13/-25.31/-19.91	-14.82/-13.23/-21.9	-21.26/-23.4/-26.85	-20.11/-17.66/-21.73	-24.34/-27.33/-19.88	-17.62/-15.98/-15.57	-16.92/-17.33/-17.28	-15.41/-14.29/-13.52	-11.89/-11.36/-13.37	-17.77/-18.47/-17.06	-14.23/-13.81/-15.31	-14.78/-13.15/-13.67	-13.95/-13.63/-14.72	-14.37/-12.9/-12.25	-12.04/-12.61/-15.21
θ(150°)	-17.83/-13.33/-15.39	-16.64/-17.04/-16.48	-20.79/-21.69/-23.27	-20.75/-22.11/-20.52	-21.31/-26.1/-26.97	-22.42/-28.29/-22.26	-19.69/-17.68/-17.07	-27.47/-22.76/-16.11	-17.84/-18.08/-19.34	-22.44/-23.49/-27.3	-20.92/-17.03/-25.14	-24.39/-26.44/-22.7	-20.76/-22.18/-25.9	-20.76/-22.18/-25.9	-20.33/-22.41/-19.88	-21.21/-22.12/-27.9	-20.72/-21.28/-23	-22.3/-22.78/-24.63	-18.84/-18.85/-15.75	-13.67/-14.91/-17.3	-13.42/-13.64/-15.9	-13.89/-15.13/-13.72	-13.86/-14.38/-14.41	-19.16/-15.78/-14.77
θ(140°)	-13.31/-14.85/-16.12	-17.19/-16.99/-18.84	-20.31/-18.66/-22.59	-24.34/-22.06/-25.18	-20.93/-25.6/-27.36	-27.38/-27.26/-21.1	-21.56/-19.67/-20.8	-28.42/-26.78/-26.26	-17.85/-21.15/-22.66	-28.42/-26.78/-26.26	-23.5/-20.34/-18.62	-25.89/-23.86/-23.23	-21.07/-22.12/-27.9	-26.73/-27.28/-23	-22.3/-22.78/-24.63	-26.83/-26.08/-20.8	-15.49/-12.85/-13.99	-14.67/-19.01/-27.39	-18.84/-18.85/-15.75	-16.09/-15.16/-15.6	-15.16/-15.53/-15.08	-18.97/-23.05/-20.05	-19.84/-19.12/-20.23	-16.98/-14.29/-13.29
θ(130°)	-13.67/-13.54/-20.04	-22.79/-22.68/-21.53	-23.79/-21.32/-22.45	-28.07/-27.94/-28.23	-27.96/-28.11/-25.32	-21.9/-18.91/-26.87	-20.98/-21.5/-22.79	-27.49/-27.99/-18.7	-18.94/-14.56/-18.85	-17.82/-27.91/-23.7	-21.91/-26.56/-22.2	-18.72/-20.83/-22.46	-18.79/-15.74/-16.62	-16.74/-17.66/-18.17	-21.22/-20.7/-22.64	-20.04/-23.62/-27.9	-20.84/-17.99/-20.78	-22.07/-27.6/-27.28	-27.85/-24.96/-22.2	-16.05/-16.91/-15.64	-16.15/-15.53/-15.08	-18.97/-23.05/-20.05	-19.84/-19.12/-20.23	-16.98/-14.29/-13.29
θ(120°)	-18.26/-20.31/-24.63	-28.15/-27.08/-21.51	-19.6/-18.91/-21.15	-23.27/-27.84/-27.84	-26.82/-28.39/-27.84	-26.82/-28.39/-27.84	-26.3/-22.49/-24.39	-25.94/-29.52/-28.65	-26.3/-22.49/-24.39	-27.58/-24.99/-22.16	-23.73/-23.58/-25.45	-23.97/-26.08/-26.26	-25.9/-23.28/-23.23	-21.07/-22.12/-27.9	-23.3/-22.78/-24.63	-26.26/-26.81/-28.04	-19.89/-17.38/-18.41	-24.22/-26.44/-27.71	-27.69/-26.56/-27.46	-26.82/-27.92/-27.34	-27.54/-24.06/-18.43	-21.09/-23.55/-23.91	-18.13/-18.51/-17.34	-16.69/-15.31/-18.62
θ(110°)	-22.54/-24.88/-20.74	-21.49/-20.1/-17.47	-18.75/-17.29/-21.14	-19.12/-20.32/-26.69	-27.96/-26.52/-28.17	-26.97/-27.27/-24.69	-25.95/-24.63/-27.81	-28.8/-28.13/-27.77	-28.8/-28.13/-27.77	-26.81/-23.32/-20.55	-21.28/-18.46/-16.9	-20.23/-19.88/-25.5	-27.01/-27.15/-26.52	-28.04/-28.7/-27.1	-26.23/-28.38/-27.95	-27.94/-27.8/-28.04	-20.31/-17.37/-16.64	-16.46/-19.58/-22.7	-25.82/-25.82/-27.16	-27.48/-26.79/-27.56	-18.67/-18/-14.98	-17.15/-18.5/-17.29	-18/-16.68/-18.31	-21.34/-22.13/-26.57
θ(100°)	-25.57/-22.67/-24.71	-23.34/-19.75/-18.21	-17.86/-19.88/-19.06	-22.89/-27.46/-27.28	-21.68/-22.29/-24.41	-18.1/-19.15/-21.21	-23.71/-24.03/-23.7	-26.93/-24.01/-24.05	-27.79/-23.68/-25.68	-26.81/-23.32/-20.55	-21.29/-20.24/-18.29	-26.68/-28.27/-8	-27.53/-27.91/-25.8	-20.31/-22.35/-22.65	-26.42/-27.12/-24.58	-28.26/-24.72/-22.95	-21.48/-17.08/-18.07	-15.81/-18.39/-21.28	-27.83/-26.99/-27	-27.59/-27.61/-26.84	-24.52/-24.23/-22.76	-27.71/-27.41/-23.15	-28.09/-26.48/-27.69	-27.02/-26.33/-23.42
θ(90°)	-27.6/-20.72/-20.92	-17.82/-19.18/-18.3	-19.57/-21.55/-20.01	-24.06/-26.51/-24.06	-27.08/-26.74/-25.91	-27.76/-26.09/-27.19	-26.96/-27.19/-22.45	-28.08/-27.88/-28.2	-27.38/-26.73/-25.43	-26.98/-27.76/-26.84	-26.84/-27.11/-28.3	-23.11/-22.89/-23.69	-24.50/-26.83/-26.65	-24.6/-23.84/-21.96	-23.78/-24.77/-23	-24.18/-27.79/-25.36	-22.28/-21.49/-20.62	-23.49/-23.74/-19.68	-22.57/-21.89/-24.29	-25.09/-23.03/-23.33	-20.79/-24.52/-25.82	-27.99/-23.85/-28.41	-28.05/-27.12/-27.98	-25.59/-23.22/-24.54
θ(80°)	-20.1/-24.86/-27.93	-27.49/-27.88/-28.27	-26.88/-26.18/-27.2	-27.26/-27.16/-26.52	-25.19/-18.64/-20.59	-26.19/-18.64/-20.59	-17.94/-17.21/-26.84	-24.6/-21.99/-21.85	-26.19/-23.72/-26.98	-26.19/-23.72/-26.98	-26.94/-27.11/-28.3	-23.03/-23.24/-24.42	-27.44/-25.96/-27.8	-27.69/-25.01/-26.14	-26.94/-27.50/-27.14	-26.62/-27.36/-27.51	-23.49/-23.74/-19.68	-24.91/-23.69/-25.42	-27.83/-26.99/-27	-26.82/-27.92/-27.34	-24.52/-24.23/-22.76	-26.16/-25.53/-26.08	-26.11/-27.62/-28.26	-25.59/-23.22/-24.54
θ(70°)	-20.4/-25.3/-19.73	-19.85/-24.65/-27.51	-26.41/-23.74/-23.06	-25.32/-25.05/-19.75	-22.81/-20.79/-24.24	-26.53/-26.91/-21.39	-26.79/-20.76/-18.92	-22.9/-26.92/-27.41	-23.49/-21.68/-22.73	-23.49/-21.68/-22.73	-22.52/-20.51/-23.8	-26.98/-25.28/-22.61	-28.04/-27.36/-24.86	-26.73/-24.79/-24.52	-26.98/-25.28/-22.61	-28.28/-26.56/-26	-20.79/-22.59/-23.56	-23.01/-23.58/-18.77	-27.41/-27.12/-17.8	-28.82/-28.32/-23.83	-23.81/-26.9/-28.35	-23.13/-20.9/-24.96	-26.11/-27.51/-28.81	-26.89/-23.26/-20.2
θ(60°)	-22.96/-21.6/-19.92	-16.72/-15.24/-13.27	-7.49/-5.93/-4.99	-4.1/-4.06/-3.47	-2.99/-2.85/-2.6	-1.95/-1.75/-1.32	-1.13/-1.08/-1.3	-1.53/-1.95/-2.35	-2.02/-2.36/-1.71	-1.92/-2.71/-3.26	-2.74/-2.94/-2.52	-3.74/-4.54/-4.04	-7.01/-7.12/-7.86	-9/-8.88/-9.61	-8.27/-9.38/-8.56	-7.65/-8.24/-9.01	-9.14/-7.84/-9.22	-9.04/-8.7/-8.82	-13.09/-11.61/-11.91	-12.46/-12.81/-12.86	-14.53/-17.38/-17.13	-7.96/-8.93/-8.5	-10.32/-10.32/-11.48	-11.93/-13.89/-14.14
θ(50°)	-13.56/-11.42/-13.13	-11.97/-11.88/-11.29	-8.69/-8.58/-7.09	-6.38/-5.66/-4.92	-3.39/-3.41/-2.91	-3.14/-3.04/-2.75	-3.28/-2.78/-2.3	-2.72/-2.71/-3.05	-3.32/-3.44/-3.72	-3.22/-2.85/-2.58	-1.67/-1.34/-1.52	-1.22/-1.47/-1.32	-1.4/-2.06/-2.22	-2.7/-3.26/-4.14	-5.28/-7.34/-9	-8.05/-11.29/-11.7	-15.8/-13.61/-15.72	-15.96/-13.92/-13.29	-13.01/-11.61/-11.91	-12.46/-12.81/-12.86	-14.53/-17.38/-17.13	-11.81/-20.45/-19.07	-14.39/-14.39/-14.39	-14.59/-12.57/-11.8
θ(40°)	-4.87/-5.7/-6.07	-7.66/-7.39/-8.33	-7.92/-7.8/-6.42	-4.78/-3.88/-3.11	-2.9/-2.15/-1.91	-2.21/-2.49/-3.23	-3.52/-4.24/-4.13	-4.9/-5.63/-5.46	-6.48/-6.42/-6.73	-5.78/-5.69/-4.37	-3.93/-2.63/-2.12	-1.7/-1.5/-1.2	-0.79/-0.81/-0.61	-1.09/-1.41/-2.36	-3.51/-4.47/-7.34	-9.59/-12.92/-15.76	-16.64/-16.46/-16.01	-16.96/-17.29/-17.13	-21.21/-18.14/-16.54	-15.74/-15.42/-14.3	-11.34/-10.18/-9.1	-8.44/-8.69/-7.22	-6.8/-6.25/-5.02	-5.2/-4.61/-5.23
θ(30°)	-0.87/-1.16/-2.43	-3.53/-5.1/-6.37	-6.42/-5.99/-4.85	-3.5/-1.56/-1.52	-0.6/-0.52/-0.73	-1.22/-1.15/-2.57	-4.18/-4.92/-5.6	-7.01/-6.28/-6.91	-6.82/-7.19/-7.01	-4.8/-5.58/-5.02	-7.09/-6.29/-4.75	-4.16/-3.35/-3.08	-1.6/-1/-0.77	-3.18/-2.36/-1.25	-1.31/-2.39/-3.74	-5.17/-7.25/-8.26	-7.78/-6.45/-5.58	-5.37/-5.33/-6.75	-4.43/-6.71/-8.26	-7.52/-8.72/-7.58	-7.93/-5.99/-5.28	-3.96/-3.69/-3.33	-2.29/-1.74/-1.34	-1.3/-0.92/-0.66
θ(20°)	0.5/0.3/0.07	-0.97/-0.28/-3.3	-3.6/-3.27/-2.29	-1.13/0.26/.56	0.34/0.12/-0.29	-1.32/-2.34/-4.36	-4.1/-7.14/-7.98	-7.33/-5.67/-5.09	-4.48/-4.38/-4.83	-5.96/-7.39/-8.05	-7.79/-5.8/-5.51	-4.08/-4.21/-3.64	-3.07/-3.39/-2.3	-1.69/-0.96/-0.49	-2.4/-0.78/-1.93	-3.43/-4.65/-5.04	-3.7/-2.64/-1.64	-1.83/-1.55/-2.8	-2.69/-3/-2.78	-2.92/-3.32/-3.77	-3/-3.73/-3.85	-3.86/-3.74/-3.44	-3.14/-1.56/-1.24	-0.93/-0.23/0.12
θ(10°)	-0.1/-0.7/0.13	0.14/-0.65/-0.86	-1.17/-0.38/-0.79	-0.38/-0.65/-0.84	-0.33/-0.62/-1.85	-2.8/-5/-4.48	-7.72/-6.65/-5.48	-4.09/-3.45/-3.11	-2.15/-2.22/-2.31	-2.69/-2.81/-3.32	-4.3/-4.27/-3.89	-3.59/-2.52/-2.46	-3.4/-4.4/-5.02	-4.69/-2.92/-0.99	-0.93/0.24/-0.39	-1.75/-2.45/-2.67	-1.92/0.08/1.19	1.02/0.98/1.19	0.96/0.61/0.56	0.62/-0.18/-0.75	-1.27/-2.44/-3.09	-3.76/-4.39/-4.38	-4.4/-4.38/-3.38	-3.05/-1.89/-0.67
θ(0°)	-1.61/0.34/0.94	0.93/0.66/0.42	0.31/0.69/-0.21	-0.81/-0.55/-2.11	-3.05/-2.1/-3.43	-2.51/-1.3/-2.51	-1.68/-0.93/-0.86	-0.43/-0.17/0.28	0.61/0.28/-0.37	-0.84/-1.12/-1.7	-1.8/-2.09/-2.47	-1.8/-1.71/-1.04	-0.16/-0.09/-0.26	-2.9/-3.46/-3.58	-1.6/-1.29/-0.77	-0.75/-0.11/0.94	-0.12/-0.47/-0.67	-0.75/-1.26/-1.94	-1.83/-2.05/-2.03	-2.43/-2.84/-2.71	-1.98/-2.36/-3.05	-2.03/-0.68/-1.48	-1.6/-0.34/-0.19	-0.15/-0.04/-0.11
θ(-10°)	-2.97/-1.29/-0.17	0.9/-0.16/-0.12	0.18/0.08/-0.52	0.61/-0.45/-0.18	0.05/-0.01/-0.84	-0.87/-0.27/-1.6	0.3/0.08/-0.6	1.34/1.91/1.83	2.02/2.28/1.07	0.65/0.28/-0.1	-0.12/-1.12/-2.47	-0.12/-1.13/-2.47	-2.16/-3.24/-2.67	-1.51/-3.39/-3.78	-1.34/-2.11/-2.83	-1.07/-1.72/-7.86	-0.6/-1.88/-6.61	-0.27/-0.38/-6.56	-0.04/-0.7/-8.82	-0.9/-1.3/-8.47	-1.9/-1.74/-9.22	-1.9/-1.93/-9.17	-7.96/-1.85/-6.5	-3.3/-4.46/-9.52
θ(-20°)	-2.82/-2.04/-0.55	0.02/-1.11/-0.88	0.44/1.63/1.8	1.95/.98/1.19	1.73/0.44/0.06	-0.21/0.20/.13	-0.44/-0.86/0.44	1.73/2.62/2.79	2.62/.49/3.04	3.13/2.82/1.64	0.19/0.095/.47	0.61/-0.86/-2.55	-3.99/-2.72/-1.72	-0.6/-0.32/-1.19	-2.82/-3.32/-1.59	-4.1/-0.42/-1.97	-2.62/-1.29/0.1	0.72/-0.22/-2.91	-3.82/-3.91/-4.19	-4.34/-4.23/-3.51	-2.69/-0.82/0.34	0.73/0.98/1.44	2.27/2.32/1.31	0.59/-1.34/-2.85
θ(-30°)	-3.22/-3.17/-0.99	-1.05/-2.46/-2.49	0.04/2.42/1.77	1.45/0.98/1.56	0.97/-0.15/-2.27	-1.12/-1.04/-1.94	-3.35/-2.93/-1.49	0.62/1.52/1.46	0.91/0.45/1.22	1.64/1.66/0.74	-0.83/-1.16/-0.42	0.24/-0.36/-1.92	-2.88/-2.63/-1.29	-0.43/0.16/-0.3	-2.58/-5.28/-2.71	-0.26/0.34/-1.38	-3.79/-2.69/-0.63	0.96/-0.55/-1.95	-3.71/-4.33/-4.79	-3.79/-2.46/-1.17	-0.91/0.67/1.68	2.47/2.63/0.38	3.07/3.19/2.47	0.9/-0.44/-1.76
θ(-40°)	-2.47/-2.5/-0.23	-0.81/-2.54/-2.73	0.05/1.41/1.33	1.38/1.54/2.39	1.46/1.47/-2.09	-0.66/-0.57/-2.07	-2.61/-1.54/-1.05	-0.91/-1.65/-1.88	-3.42/-3.21/-1.93	-0.57/0.89/0.59	-0.23/-0.64/0.49	1.22/0.59/2.09	-4.24/-3.43/-1.77	-0.16/0.39/-0.38	-4.12/-6.61/-2.35	0.23/0.38/-1.99	-3.9/-2.52/-0.27	-0.4/-1.3/-4.27	-5.9/-5.66/-5.61	-3.89/-3.06/-1.37	-0.21/1.72/.46	3.12/3.94/3.09	3.58/3.70/3.09	1.84/-0.25/-1.87
θ(-50°)	-2.61/-2.31/-1.11	-1.1/-3.65/-4.24	-1.2/-0.67/1.19	0.76/1.56/1.73	0.13/-3.54/-2.42	0.33/0.53/-0.14	0.30/.37/-0.46	-3.71/-7.70/-8.81	-11.9/-8.63/-4.99	-2.77/-0.18/0.82	0.57/0.27/0.75	0.81/0.16/-1.41	1.52/0.81/.4	-2.01/-0.64/-0.13	-7.3/-5.11/-3.29	-7.5/-6.18/-2.75	-3.5/-5.25/-2.03	-0.64/0.32/-1.31	-2.01/-1.37/-5.6	-2.12/-0.88/-0.35	0.39/1.01/1.73	2.43/2.74/2.98	1.75/-0.63/-1.6
θ(-60°)	-3.07/-1.76/-1.23	-1.66/-4.03/-4.3	-1.52/-0.28/-0.11	0.39/1.33/1.05	-0.54/-4.19/-1.16	0.84/1.38/1.01	1.6/1.32/0.01	-4/-0.89/-1.2	-7.05/-5.36/-3.98	-1.97/-0.15/1.41	1.52/0.81/.4	1.34/-0.11/-2.63	-5.86/-4.18/-2.75	-1.58/-1.21/-0.98	-3.15/-5.25/-2.03	-5.64/-0.32/-1.31	-3.7/-1.71/0	0.18/-1.04/-3.77	-4.41/-3.57/-2.7	-2.27/-1.56/-0.8	-0.82/0.71/.46	1.12/1.6/1	2.56/3.04/2.27	0.91/-1.78/-2.9
θ(-70°)	-4.3/-3.46/-3.65	-2.42/-5.31/-4.09	-2.38/-2.3/2.64	-1.36/-0.52/-1.5	-2.58/-4.19/-1.16	-0.64/-0.44/-0.01	0.92/1.04/1.15	1.97/1.32/0.01	2.62/.49/3.04	1.13/2.82/1.64	0.19/0.095/.47	1.21/0.35/.81	0.76/-1.35/-3.2	1.58/-1.21/-0.98	-5.15/-5.25/-2.03	-3.29/-3.11/-1.8	-3.9/-2.52/-0.27	-2.62/-1.29/0.1	-2.23/-1.42/0.7	-2.12/-1.88/-0.35	-0.12/-0.71/0.46	1.12/1.6/1	0.58/-0.46/-1.05	-0.42/-0.64/0.11
θ(-80°)	-4.59/-3.08/-2.79	-3.23/-2.28/-2.3	-2.38/-2.3/2.64	-1.36/-0.52/-1.5	-2.58/-4.19/-1.16	-0.64/-0.44/-0.01	0.92/1.04/1.15	-2.7/-5.24/-1.85	-4.09/-3.49/-3.11	-2.15/-2.22/-2.31	-4.3/-4.27/-3.89	-3.59/-2.52/-2.46	-3.4/-4.4/-5.02	-4.69/-2.92/-0.99	-0.93/0.24/-0.39	-1.75/-2.45/-2.67	-1.92/0.08/1.19	1.02/0.98/1.19	0.96/0.61/0.56	0.62/-0.18/-0.75	-1.27/-2.44/-3.09	-3.76/-4.39/-4.38	-4.4/-4.38/-3.38	-3.05/-1.89/-0.67
θ(-90°)	-3.49/-2.04/-0.55	0.02/-1.11/-0.88	0.44/1.63/1.8	1.95/.98/1.19	1.73/0.44/0.06	-0.21/0.20/.13	-0.44/-0.86/0.44	1.73/2.62/2.79	2.62/.49/3.04	3.13/2.82/1.64	0.19/0.095/.47	0.61/-0.86/-2.55	-3.99/-2.72/-1.72	-0.6/-0.32/-1.19	-2.82/-3.32/-1.59	-4.1/-0.42/-1.97	-2.62/-1.29/0.1	0.72/-0.22/-2.91	-3.82/-3.91/-4.19	-4.34/-4.23/-3.51	-2.69/-0.82/0.34	0.73/0.98/1.44	2.27/2.32/1.31	0.59/-1.34/-2.85
θ(-100°)	-3.22/-3.17/-0.99	-1.05/-2.46/-2.49	0.04/2.42/1.77	1.45/0.98/1.56	0.97/-0.15/-2.27	-1.12/-1.04/-1.94	-3.35/-2.93/-1.49	0.62/1.52/1.46	0.91/0.45/1.22	1.64/1.66/0.74	-0.83/-1.16/-0.42	0.24/-0.36/-1.92	-2.88/-2.63/-1.29	-0.43/0.16/-0.3	-2.58/-5.28/-2.71	-0.26/0.34/-1.38	-3.79/-2.69/-0.63	0.96/-0.55/-1.95	-3.71/-4.33/-4.79	-3.79/-2.46/-1.17	-0.91/0.67/1.68	2.47/2.63/0.38	3.07/3.19/2.47	0.9/-0.44/-1.76
θ(-110°)	-2.47/-2.5/-0.23	-0.81/-2.54/-2.73	0.05/1.41/1.33	1.38/1.54/2.39	1.46/1.47/-2.09	-0.66/-0.57/-2.07	-2.61/-1.54/-1.05	-0.91/-1.65/-1.88	-3.42/-3.21/-1.93	-0.57/0.89/0.59	-0.23/-0.64/0.49	1.22/0.59/2.09	-4.24/-3.43/-1.77	-0.16/0.39/-0.38	-4.12/-6.61/-2.35	0.23/0.38/-1.99	-3.9/-2.52/-0.27	-0.4/-1.3/-4.27	-5.9/-5.66/-5.61	-3.89/-3.06/-1.37	-0.21/1.72/.46	3.12/3.94/3.09	3.58/3.70/3.09	1.84/-0.25/-1.87
θ(-120°)	-2.61/-2.31/-1.11	-1.1/-3.65/-4.24	-1.2/-0.67/1.19	0.76/1.56/1.73	0.13/-3.54/-2.42	0.33/0.53/-0.14	0.30/.37/-0.46	-3.71/-7.70/-8.81	-11.9/-8.63/-4.99	-2.77/-0.18/0.82	0.57/0.27/0.75	0.81/0.16/-1.41	1.52/0.81/.4	-2.01/-0.64/-0.13	-7.3/-5.11/-3.29	-7.5/-6.18/-2.75	-3.5/-5.25/-2.03	-0.64/0.32/-1.31	-2.01/-1.37/-5.6	-2.12/-0.88/-0.35	0.39/1.01/1.73	2.43/2.74/2.98	1.75/-0.63/-1.6
θ(-130°)	-3.3/-1.46/-3.18	-1.56/-0.03/-4.3	-0.82/-0.28/-0.11	0.39/1.33/1.05	-0.54/-4.19/-1.16	0.84/1.38/1.01	1.6/1.32/0.01	-4/-0.89/-1.2	-7.05/-5.36/-3.98	-1.97/-0.15/1.41	1.52/0.81/.4	1.34/-0.11/-2.63	-5.86/-4.18/-2.75	-1.58/-1.21/-0.98	-3.15/-5.25/-2.03	-5.64/-0.32/-1.31	-3.7/-1.71/0	0.18/-1.04/-3.77	-4.41/-3.57/-2.7	-2.27/-1.56/-0.8	-0.82/0.71/.46	1.12/1.6/1	2.56/3.04/2.27	0.91/-1.78/-2.9
θ(-140°)	-4.59/-3.08/-2.79	-3.23/-2.28/-2.3	-2.38/-2.3/2.64	-1.36/-0.52/-1.5	-2.58/-4.19/-1.16	-0.64/-0.44/-0.01	0.92/1.04/1.15	-2.7/-5.24/-1.85	-4.09/-3.49/-3.11	-2.15/-2.22/-2.31	-4.3/-4.27/-3.89	-3.59/-2.52/-2.46	-3.4/-4.4/-5.02	-4.69/-2.92/-0.99	-0.93/0.24/-0.39	-1.75/-2.45/-2.67	-1.92/0.08/1.19	1.02/0.98/1.19	0.96/0.61/0.56	0.62/-0.18/-0.75	-1.27/-2.44/-3.09	-3.76/-4.39/-4.38	-4.4/-4.38/-3.38	-3.05/-1.89/-0.67
θ(-150°)	-3.22/-3.17/-0.99	-1.05/-2.46/-2.49	0.04/2.42/1.77	1.45/0.98/1.56	0.97/-0.15/-2.27	-1.12/-1.04/-1.94	-3.35/-2.93/-1.49	0.62/1.52/1.46	0.91/0.45/1.22	1.64/1.66/0.74	-0.83/-1.16/-0.42	0.24/-0.36/-1.92	-2.88/-2.63/-1.29	-0.43/0.16/-0.3	-2.58/-5.28/-2.71	-0.26/0.34/-1.38	-3.79/-2.69/-0.63	0.96/-0.55/-1.95	-3.71/-4.33/-4.79	-3.79/-2.46/-1.17	-0.91/0.67/1.68	2.47/2.63/0.38	3.07/3.19/2.47	0.9/-0.44/-1.76
θ(-160°)	-2.82/-2.04/-0.55	0.02/-1.11/-0.88	0.44/1.63/1.8	1.95/.98/1.19	1.73/0.44/0.06	-0.21/0.20/.13	-0.44/-0.86/0.44	1.73/2.62/2.79	2.62/.49/3.04	3.13/2.82/1.64	0.19/0.095/.47	0.61/-0.86/-2.55	-3.99/-2.72/-1.72	-0.6/-0.32/-1.19	-2.82/-3.32/-1.59	-4.1/-0.42/-1.97	-2.62/-1.29/0.1	0.72/-0.22/-2.91	-3.82/-3.91/-4.19	-4.34/-4.23/-3.51	-2.69/-0.82/0.34	0.73/0.98/1.44	2.27/2.32/1.31	0.59/-1.34/-2.85
θ(-170°)	-1.61/0.34/0.94	0.93/0.66/0.42	0.31/0.69/-0.21	-0.81/-0.55/-2.11	-3.05/-2.1/-3.43	-2.51/-1.3/-2.51	-1.68/-0.93/-0.86	-0.43/-0.17/0.28	0.61/0.28/-0.37	-0.84/-1.12/-1.7	-1.8/-2.09/-2.47	-1.8/-1.71/-1.04	-0.16/-0.09/-0.26	-2.9/-3.46/-3.58	-1.6/-1.29/-0.77	-0.75/-0.11/0.94	-0.12/-0.47/-0.67	-0.75/-1.26/-1.94	-1.83/-2.05/-2.03	-2.43/-2.84/-2.71	-1.98/-2.36/-3.05	-2.03/-0.68/-1.48	-1.6/-0.34/-0.19	-0.15/-0.04/-0.11
θ(-180°)	-1.58/-1.16/-2.12	-2.22/-1.79/-2.54	-3.56/-3.95/-4.57	-3.92/-3.32/-2.98	-2.63/-1.56/-1.34	-3.14/-3.38/-4.23	-5.32/-5.32/-6.83	-4.9/-5.63/-5.46	-6.48/-6.42/-6.73	-4.78/-5.69/-4.37	-3.93/-2.63/-2.12	-1.7/-1.5/-1.2	-0.79/-0.81/-0.61	-1.09/-1.41/-2.36	-3.51/-4.47/-7.34	-9.59/-12.92/-15.76	-16.64/-16.46/-16.01	-16.96/-17.29/-17.13	-21.21/-18.14/-16.54	-15.74/-15.42/-14.3	-11.34/-10.18/-9.1	-8.44/-8.69/-7.22	-6.8/-6.25/-5.02	-5.2/-4.61/-5.23
θ(-190°)	-4.87/-5.7/-6.07	-7.66/-7.39/-8.33	-7.92/-7.8/-6.42	-4.78/-3.88/-3.11	-2.9/-2.15/-1.91	-2.21/-2.49/-3.23	-3.52/-4.24/-4.13	-4.9/-5.63/-5.46	-6.48/-6.42/-6.73	-5.78/-5.69/-4.37	-3.93/-2.63/-2.12	-1.7/-1.5/-1.2	-0.79/-0.81/-0.61	-1.09/-1.41/-2.36	-3.51/-4.47/-7.34	-9.59/-12.92/-15.76	-16.64/-16.46/-16.01	-16.96/-17.29/-17.13	-21.21/-18.14/-16.54	-15.74/-15.42/-14.3	-11.34/-10.18/-9.1	-8.44/-8.69/-7.22	-6.8/-6.25/-5.02	-5.2/-4.61/-5.23
θ(-200°)	-6.87/-1.16/-2.43	-3.53/-5.1/-6.37	-6.42/-5.99/-4.85	-3.5/-1.56/-1.52	-0.6/-0.52/-0.73	-1.22/-1.15/-2.57	-4.18/-4.92/-5.6	-7.01/-6.28/-6.91	-6.82/-7.19/-7.01	-4.8/-5.58/-5.02	-7.09/-6.29/-4.75	-4.16/-3.35/-3.08	-1.6/-1/-0.77	-3.18/-2.36/-1.25	-1.31/-2.39/-3.74	-5.17/-7.25/-8.26	-7.78/-6.45/-5.58	-5.37/-5.33/-6.75	-4.43/-6.71/-8.26	-7.52/-8.72/-7.58	-7.93/-5.99/-5.28	-3.96/-3.69/-3.33	-2.29/-1.74/-1.34	-1.3/-0.92/-0.66
θ(-250°)	0.5/0.3/0.07	-0.97/-0.28/-3.3	-3.6/-3.27/-2.29	-1.13/0.26/.56	0.34/0.12/-0.29	-1.32/-2.34/-4.36	-4.1/-7.14/-7.98	-7.33/-5.67/-5.09	-4.48/-4.38/-4.83	-5.96/-7.39/-8.05	-7.79/-5.8/-5.51	-4.08/-4.21/-3.64	-3.07/-3.39/-2.3	-1.69/-0.96/-0.49	-2.4/-0.78/-1.93	-3.43/-4.65/-5.04	-3.7/-2.64/-1.64	-1.83/-1.55/-2.8	-2.69/-3/-2.78	-2.92/-3.32/-3.77	-3/-3.73/-3.85	-3.86/-3.74/-3.44	-3.14/-1.56/-1.24	-0.93/-0.23/0.12
θ(-260°)	-0.1/-0.7/0.13	0.14/-0.65/-0.86	-1.17/-0.38/-0.79	-0.38/-0.65/-0.84	-0.33/-0.62/-1.85	-2.8/-5/-4.48	-7.72/-6.65/-5.48	-4.09/-3.45/-3.11	-2.15/-2.22/-2.31	-2.69/-2.81/-3.32	-4.3/-4.27/-3.89	-3.59/-2.52/-2.46	-3.4/-4.4/-5.02	-4.69/-2.92/-0.99	-0.93/0.24/-0.39	-1.75/-2.45/-2.67	-1.92/0.08/1.19	1.02/0.98/1.19	0.96/0.61/0.56	0.62/-0.18/-0.75	-1.27/-2.44/-3.09	-3.76/-4.39/-4.38	-4.4/-4.38/-3.38	-3.05/-1.89/-0.67
θ(-270°)	-2.97/-1.29/-0.17	0.9/-0.16/-0.12	0.18/0.08/-0.52	0.61/-0.45/-0.18	0.05/-0.01/-0.84	-0.87/-0.27/-1.6	0.3/0.08/-0.6	1.34/1.91/1.83	2.02/2.28/1.07	0.65/0.28/-0.1	-0.12/-1.12/-2.47	-0.12/-1.13/-2.47	-2.16/-3.24/-2.67	-1.51/-3.39/-3.78	-1.34/-2.11/-2.83	-1.07/-1.72/-7.86	-0.6/-1.88/-6.61	-0.27/-0.38/-6.56	-0.04/-0.7/-8.82	-0.9/-1.3/-8.47	-1.9/-1.74/-9.22	-1.9/-1.93/-9.17	-7.96/-1.85/-6.5	-3.3/-4.46/-9.52
θ(-280°)	-4.78/-5.1/-6.37	-3.23/-2.28/-2.3	-2.38/-2.3/2.64	-1.36/-0.52/-1.5	-2.58/-4.19/-1.16	-0.64/-0.44/-0.01	0.92/1.04/1.15	-2.7/-5.24/-1.85	-4.09/-3.49/-3.11

θ(-90°)	-28.01/-27.14/-20.14	-27.69/-28.56/-21.25	-22.48/-27.97/-27.1	-26.86/-22.66/-24.48	-23.93/-22.23/-26	-20.71/-22.07/-25.69	-22.47/-20.97/-23.53	-20.22/-23.27/-27.4	-27.87/-25.82/-28.71	-27.15/-27.71/-25.05	-19.41/-20.41/-22.97	-21.51/-16.10/-22.41	-18.76/-18.91/-18.74	-18.1/-24.22/-21.83	-27.22/-20.02/-22.1	-18.88/-18.78/-17.4	-20.92/-27.63/-20.89	-17.52/-19.31/-14.76	-14.29/-21.23/-8.7	-19.45/-19.28/-26.9	-19.83/-16.54/-15.31	-16.6/-17.25/-19.08	-27.08/-27.76/-23.91	-21.19/-21.39/-20.06
θ(-80°)	-28.04/-27.13/-19.56	-23.14/-26.18/-22.8	-21.04/-26.31/-22.84	-22.65/-27.82/-27.29	-27.42/-27.28/-25.92	-24/-20.41/-25.42	-24.49/-24.82/-25.67	-26.89/-27.11/-26.99	-26.58/-22.36/-25.31	-28.02/-23.67/-24.68	-25.73/-25.62/-22.37	-22.12/-20.55/-28.76	-19/-23.72/-19.62	-22.43/-18.94/-20.38	-19.44/-22.56/-20.05	-22.82/-24.49/-23.92	-15.84/-22.16/-17.42	-17.2/-15.83/-17.6	-20.01/-21.9/-20.15	-22.07/-27.06/-26.88	-20.34/-17.71/-13.35	-15.41/-19.84/-22.29	-27.36/-28.91/-24.05	-20.49/-20.57/-23.49
θ(-70°)	-22.65/-19.04/-15.53	-28.19/-28.05/-25.05	-28.11/-26.01/-27.05	-27.83/-26.66/-26.92	-25.14/-26.38/-27.33	-24.8/-24.24/-26.85	-28.11/-21.18/-25.67	-28.23/-25.32/-27.23	-27.52/-25.37/-27.26	-26.04/-22.03/-22.53	-22.05/-18.14/-15.95	-16.84/-21.3/-27.47	-19.83/-21.58/-22.68	-25.04/-26.78/-25	-21.54/-25.08/-25.27	-26.24/-17.08/-18.63	-24.17/-17.07/-21.15	-21.54/-25.08/-25.27	-22.44/-27.24/-20.24	-17.77/-22.09/-27.45	-23.65/-21.3/-26.4	-23.65/-21.52/-21	-23.65/-21.52/-21	-18.81/-16.6/-18.92
θ(-60°)	-21.71/-23.49/-24.01	-18.11/-26.71/-24.05	-25.83/-27.07/-25.1	-26.81/-25.23/-26.86	-26.85/-26.78/-24	-18.79/-20.23/-25.29	-27.02/-25.37/-27.26	-28.22/-27.68/-27.01	-23.68/-26.14/-24.74	-19.48/-20.8/-22.61	-27.88/-26.52/-25.93	-23.26/-23.03/-26	-19.48/-20.8/-22.61	-27.88/-26.52/-25.93	-21.2/-22.21/-26.26	-18.8/-26.41/-17.54	-17.19/-22.87/-24.61	-17.18/-19.01/-18.87	-18.61/-19.87/-21.78	-18.24/-16.32/-20.8	-26.58/-23.59/-19.2	-26.58/-23.59/-19.2	-19.37/-19.82/-22.22	-19.37/-19.82/-22.22
θ(-50°)	-24.4/-25.59/-27.27	-27.13/-29.69/-18.56	-22.49/-26.37/-27.26	-25.17/-27.89/-21.01	-18.81/-21.76/-25.29	-22.23/-21.23/-26.65	-26.03/-24.32/-25.44	-27.21/-26.9/-26.28	-26.90/-24.73/-24.3	-22.31/-26.56/-26.27	-26.55/-25.89/-27.06	-27.49/-19.83/-20.77	-21.86/-19.3/-21.84	-21.21/-22.87/-15.73	-19.32/-20.79/-18.36	-27.29/-17.39/-18.68	-18.76/-17.29/-20.49	-18.05/-19.25/-24.13	-26.59/-21.49/-16.12	-21.52/-19.19/-17.97	-17.71/-21.05/-24.72	-26.32/-23.49/-28.25	-26.77/-21.52/-26.71	-26.77/-21.52/-26.71
θ(-40°)	-27.31/-27.87/-24.45	-27.07/-17.73/-15.86	-20.19/-25.96/-27.88	-23.89/-21.65/-27.97	-27/-26.24/-21.84	-24.79/-26.39/-27.99	-20.52/-26.81/-21.08	-19.42/-23.97/-27.18	-27.87/-20.26/-23.45	-23.89/-27.64/-23.56	-22.16/-27.36/-26.23	-26.08/-26.36/-26.74	-27.48/-21.92/-18.6	-27.48/-21.92/-18.6	-27.49/-21.92/-18.6	-27.49/-21.92/-18.6	-15.49/-17.21/-16.13	-20.61/-20.72/-17.25	-26.96/-26.74/-26.11	-27.23/-26.72/-26.7	-23.47/-19.56/-18.91	-18.54/-20.84/-25.51	-25.84/-25.72/-28.2	-28.22/-27.02/-27.34
θ(-30°)	-27.11/-26.91/-27.46	-27.59/-21.06/-19.54	-19.14/-23.34/-22.69	-21.19/-18.72/-23.17	-25.99/-28.05/-27.44	-28.09/-21.74/-20.54	-20.06/-22.89/-21.84	-20.77/-22.87/-24.49	-23.14/-23.81/-26.65	-21.3/-23.69/-25.11	-21.1/-22.19/-27.23	-28.32/-27.35/-27.94	-27.21/-22.58/-20.52	-16.9/-28.04/-18.77	-26.4/-19.34/-23.93	-17.53/-21.67/-13.48	-16.09/-19.65/-25.32	-19.93/-13.43/-14.98	-20.74/-18.19/-20.2	-26.46/-25.86/-22	-15.12/-20.49/-16.68	-17.77/-20.85/-24.52	-27.35/-25.1/-23.83	-27.17/-27.63/-27.32
θ(-20°)	-25.83/-26.51/-20.9	-21.09/-19.94/-24.95	-22.64/-26.99/-26.65	-20.69/-20.13/-27.64	-27.41/28.43/-21.88	-27.12/-27.13/-19.12	-22.89/-26.91/-21.48	-18.35/-22.9/-26.16	-28.12/-26.24/-28.49	-19.42/-22.59/-27.33	-27.92/-26.34/-27.7	-23.09/-27.1/-25.05	-27.59/-27.45/-26.92	-18.88/-21.4/-18.61	-22.49/-19.07/-22.99	-18.61/-24.33/-17.51	-18.65/-21.77/-27.72	-19.94/-17.58/-18.14	-25.35/-25.32/-20.8	-18.66/-26.54/-22.85	-19.6/-16.05/-17.81	-24.27/-21.81/-25.44	-23.72/-26.33/-20.96	-20.09/-20.05/-18.4
θ(-10°)	-21.24/-22.77/-21.34	-19.15/-25.02/-26.91	-23.43/-26.44/-27.32	-24.06/-25.23/-28.17	-27.88/-21.36/-25.34	-24.15/-22.03/-21.34	-26.72/-26.69/-27.38	-23.99/-27.5/-26.9	-19.62/-23.32/-24.45	-22.49/-21.89/-23.72	-26.67/-21.05/-26.93	-28.38/-27.21/-24.99	-23.23/-27.08/-26.39	-25.68/-20.15/-17.97	-19.39/-21.89/-25.86	-27.32/-27.11/-27.42	-21.42/-21.02/-27.02	-27.88/-21.21/-24.26	-27.44/-18.69/-18.5	-21.68/-24.77/-21.79	-23.32/-25.30/-27.5	-24.29/-20.03/-16.46	-26.63/-27.13/-22.29	-20.09/-20.05/-18.4
θ(-0°)	-19.78/-20.19/-22.06	-23.83/-27.78/-23.58	-26.2/-25.87/-28.25	-27.59/-26.55/-28.07	-25.59/-24.03/-27.82	-27.3/-27.30/-26.67	-24.78/-27.11/-22.23	-27.08/-26.97/-20.63	-17.79/-22.35/-26.96	-18.74/-20.48/-19.15	-22.96/-16.81/-21.41	-28.31/-26.98/-24.62	-22.63/-26.16/-26.82	-26.51/-22.36/-24.43	-21.43/-26.93/-22.91	-27.99/-27.91/-26.67	-24.02/-26.47/-22.18	-22.04/-19.29/-21.8	-22.11/-20.61/-17.83	-20.07/-22.97/-19.96	-23.21/-26.51/-28.1	-22.52/-16.73/-17.41	-20.47/-27.28/-22.92	-20.09/-26.09/-23.75
θ(-140°)	-21.95/-27.79/-27.38	-27.8/-23.31/-18.84	-19.29/-20.42/-25.36	-27.77/-27.21/-27.58	-28.21/-26.11/-28.28	-27.66/-27.56/-26.02	-26.81/-25.3/-23.13	-26.81/-27.65/-22.11	-23.24/-19.83/-18.71	-16.98/-19.38/-19.7	-26.4/-19.74/-18.78	-19.34/-19.91/-19.26	-17.89/-25.08/-22.34	-28.12/-27.71/-23.77	-27.25/-18.36/-18.76	-22.88/-27.93/-23.1	-27.85/-27.69/-21.38	-21.12/-19.51/-16.75	-18.96/-22.46/-19.97	-27.06/-27.62/-23.43	-23.3/-19.11/-19.85	-22.06/-27.62/-23.43	-18.52/-21.16/-23.01	-23.89/-24.32/-24.26
θ(-130°)	-21.57/-23.74/-22.22	-23.79/-27.77/-23.58	-29.29/-20.42/-25.36	-27.77/-27.21/-27.58	-28.21/-26.11/-28.28	-27.66/-27.56/-26.02	-26.81/-25.3/-23.13	-26.81/-27.65/-22.11	-23.24/-19.83/-18.71	-16.98/-19.38/-19.7	-26.4/-19.74/-18.78	-19.34/-19.91/-19.26	-17.89/-25.08/-22.34	-28.12/-27.71/-23.77	-27.25/-18.36/-18.76	-22.88/-27.93/-23.1	-27.85/-27.69/-21.38	-21.12/-19.51/-16.75	-18.96/-22.46/-19.97	-27.06/-27.62/-23.43	-23.3/-19.11/-19.85	-22.06/-27.62/-23.43	-18.52/-21.16/-23.01	-23.89/-24.32/-24.26
θ(-120°)	-21.67/-23.74/-22.22	-24.83/-27.77/-23.58	-28.21/-20.42/-25.36	-27.77/-27.21/-27.58	-28.21/-26.11/-28.28	-27.66/-27.56/-26.02	-26.81/-25.3/-23.13	-26.81/-27.65/-22.11	-23.24/-19.83/-18.71	-16.98/-19.38/-19.7	-26.4/-19.74/-18.78	-19.34/-19.91/-19.26	-17.89/-25.08/-22.34	-28.12/-27.71/-23.77	-27.25/-18.36/-18.76	-22.88/-27.93/-23.1	-27.85/-27.69/-21.38	-21.12/-19.51/-16.75	-18.96/-22.46/-19.97	-27.06/-27.62/-23.43	-23.3/-19.11/-19.85	-22.06/-27.62/-23.43	-18.52/-21.16/-23.01	-23.89/-24.32/-24.26
θ(-110°)	-21.95/-27.79/-27.38	-27.8/-23.31/-18.84	-19.29/-20.42/-25.36	-27.77/-27.21/-27.58	-28.21/-26.11/-28.28	-27.66/-27.56/-26.02	-26.81/-25.3/-23.13	-26.81/-27.65/-22.11	-23.24/-19.83/-18.71	-16.98/-19.38/-19.7	-26.4/-19.74/-18.78	-19.34/-19.91/-19.26	-17.89/-25.08/-22.34	-28.12/-27.71/-23.77	-27.25/-18.36/-18.76	-22.88/-27.93/-23.1	-27.85/-27.69/-21.38	-21.12/-19.51/-16.75	-18.96/-22.46/-19.97	-27.06/-27.62/-23.43	-23.3/-19.11/-19.85	-22.06/-27.62/-23.43	-18.52/-21.16/-23.01	-23.89/-24.32/-24.26
θ(-100°)	-23.72/-27.47/-27.46	-28.47/-27.28/-28.09	-23.51/-26.8/-26.6	-27.77/-26.98/-28.42	-28.53/-25.69/-27.66	-18.16/-18.60/-26.87	-16.64/-15.92/-14.71	-18.2/-18.83/-25.97	-26.44/-28.08/-24.35	-20.14/-22.66/-19.99	-20.1/-19.89/-20.12	-20.58/-19.07	-27.85/-27.61/-26.28	-27.85/-27.61/-26.28	-28.11/-27.89/-23.43	-28.21/-27.07/-26.68	-28.21/-27.07/-26.68	-23.39/-19.02/-22.19	-23.25/-22.71/-25.56	-23.25/-22.71/-25.56	-26.21/-26.84/-25.62	-26.21/-26.84/-25.62	-24.71/-24.65/-27.65	-22.22/-21.07/-27
Freq(Hz)	5.3GPsk,Pm	Ant. 3/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-	-/-/-
Gain	θ(0°)/φ(0°)/θ(10°)	θ(10°)/φ(0°)/θ(20°)	θ(20°)/φ(0°)/θ(30°)	θ(30°)/φ(0°)/θ(40°)	θ(40°)/φ(0°)/θ(50°)	θ(50°)/φ(0°)/θ(60°)	θ(60°)/φ(0°)/θ(70°)	θ(70°)/φ(0°)/θ(80°)	θ(80°)/φ(0°)/θ(90°)	θ(90°)/φ(0°)/θ(100°)	θ(100°)/φ(10°)/θ(110°)	θ(110°)/φ(20°)/θ(120°)	θ(120°)/φ(30°)/θ(130°)	θ(130°)/φ(40°)/θ(140°)	θ(140°)/φ(50°)/θ(150°)	θ(150°)/φ(60°)/θ(160°)	θ(160°)/φ(70°)/θ(170°)	θ(170°)/φ(80°)/θ(180°)	θ(180°)/φ(90°)/θ(190°)	θ(190°)/φ(100°)/θ(200°)	θ(200°)/φ(110°)/θ(210°)	θ(210°)/φ(120°)/θ(220°)	θ(220°)/φ(130°)/θ(230°)	θ(230°)/φ(140°)/θ(240°)	θ(240°)/φ(150°)/θ(250°)	θ(250°)/φ(160°)/θ(260°)	θ(260°)/φ(170°)/θ(270°)	θ(270°)/φ(180°)/θ(280°)	θ(280°)/φ(190°)/θ(290°)	θ(290°)/φ(200°)/θ(300°)	θ(300°)/φ(210°)/θ(310°)	θ(310°)/φ(220°)/θ(320°)	θ(320°)/φ(230°)/θ(330°)	θ(330°)/φ(240°)/θ(340°)	θ(340°)/φ(250°)/θ(350°)
θ(-90°)	-17.38/-17.6/-20.32	-16.31/-15.77/-13	-15.6/-22.0/-10.28	-8.62/-7.15/-9.55	-8.63/-7.87/-9.15	-8.63/-7.87/-9.15	-3.7/-3.3/-4.45	-3.34/-3.23/-2.89	-3.56/-2.54/-2.73	-4.32/-5.15/-6.41	-6.87/-7.64/-8.82	-10.69/-13.47/-14.72	-16.8/-19.76/-23.98	-16.85/-19.76/-23.98	-20.55/-18.41/-15.39	-15.64/-17.71/-8.84	-8.64/-6.71/-5.85	-5.23/-4/-3.84	-3.79/-3.38/-2.76	-3.14/-2.6/-2.34	-3.11/-2.68/-2.38	-3.04/-3.06/-3.85	-4.76/-4.68/-5.72	-6.23/-7.62/-9.39
θ(-80°)	-8.98/-9.89/-8.99	-10.58/-10.66/-11.22	-11.49/-10.64/-9.88	-9.79/-7.42/-7.81	-6.72/-6.31/-6.74	-5.13/-4.88/-5.52	-5.13/-4.88/-4.96	-5.16/-5.52/-5.45	-6.03/-4.37/-4.38	-6.8/-5.8/-8.74	-10.01/-11.79/-12.61	-13.7/-16.41/-17.1	-22.05/-25.88/-18.39	-15.73/-15.49/-13.5	-19.7/-15.49/-13.5	-12.88/-12.8/-10.26	-8.58/-7.24/-6.22	-6.24/-5.24/-5.04	-3.53/-3.36/-3.58	-3.02/-3.4/-3.23	-4.09/-3.94/-6.17	-7.6/-7.25/-8.4	-8.67/-7.87/-7.46	-7.89/-7.83/-8.19
θ(-70°)	-4/-3.97/-4.3	-4.28/-5.58/-6.02	-5.97/-7.18/-7.73	-7.92/-8.83/-7.81	-8.07/-7.83/-8.06	-6.42/-6.13/-7.9	-8.23/-7.82/-7.66	-8.49/-10.03/-10.59	-12.73/-15.82/-19.32	-26.18/-26.47/-27.16	-26.98/-27.11/-27.42	-26.98/-27.11/-27.42	-26.98/-27.11/-27.42	-26.98/-27.11/-27.42	-26.98/-27.11/-27.42	-26.98/-27.11/-27.42	-8.58/-7.24/-6.22	-6.24/-5.24/-5.04	-5.94/-7.44/-7	-7.18/-8.34/-7.64	-9.24/-8.86/-9.92	-9.86/-11.11/-9.17	-8.84/-8/-7.6	-7.17/-6.19/-5.68
θ(-60°)	-3.44/-2.79/-2.09	-1.82/-2.42/-2.77	-3.49/-4.94/-5.2	-7.17/-7.27/-9.07	-9.98/-9.86/-8.27	-10.33/-10.13/-10.16	-10.73/-10.76/-11.59	-13/-12.91/-11.83	-10.29/-9.68/-8.77	-2.31/-0.1/-3.68	-2.43/-1.12/-0.49	-3.78/-3.06/-3.5	-4.9/-4.54/-6.26	-4.1/-3.38/-4.09	-3.98/-3.06/-3.5	-4.9/-4.54/-6.26	-4.96/-3.42/-2.42	-1.52/-0.78/-0.58	-0.94/-0.68/-0.85	-1.55/-2.3/-3.23	-4.26/-5.19/-5.66	-4.45/-4.64/-6.12	-4.64/-8.81/-10.37	-10.39/-10.22/-12.18
θ(-50°)	-4.12/-3.64/-2.87	-3/-2.22/-1.41	-1.62/-2.08/-2.4	-3.57/-4.73/-5.79	-6.26/-6.3/-5.43	-4.01/-4.14/-4.6	-4.41/-4.27/-4.23	-3.78/-3.06/-3.5	-1.52/-1.14/-0.4	0.31/0.76/0.94	1.07/0.84/0.58	-2.54/-2.86/-2.62	-1.52/-1.14/-0.4	-2.54/-2.86/-2.62	-1.33/-0.24/0.07	0.47/0.37/-0.4	-1.33/-2.33/-3.81	-6.21/-7.21/-10.48	-10.49/-10.8/-8.79	-7.44/-8.61/-5.44	-3.94/-3.83/-3.14	-3.32/-3.8/-5.58	-4.01/-6.51/-6.38	-6.95/-6.16/-6.11
θ(-40°)	-3.17/-2.97/-2.83	-2.9/-2.7/-2.52	-1.83/-1.68/-1.73	-1.96/-3.21/-4.09	-3.21/-2.33/-1.16	-0.37/-0.02/0.43	0.42/0.23/0.56	0.87/0.68/0.03	-0.77/-1.69/-2.06	-2.05/-2.46/-2.33	-1.62/-1.17/-0.76	-0.53/-0.06/0.21	0.69/1.04/0.81	0.02/-1.05/-1.22	-0.32/0.55/0.72	0.05/0.09/-0.81	-1.84/-2.84/-3.5	-3.69/-2.85/-2.35	-2.21/-2.28/-2.08	-2.18/-2.24/-2.47	-2.21/-1.76/-1.21	-0.54/-0.07/-1.11	-1.79/-2.28/-3.27	-3.13/-2.77/-3.01
θ(-30°)	-2.19/-1.68/-2.12	-2.56/-1.95/-3.28	-2.3/-1.63/-1.31	-1.34/-2.1/-2.01	-1.58/-2.65/0.14	-1.85/-1.62/-1.41	1.91/2.01/2.07	2.16/1.91/1.58	-1.68/-1.68/-1.91	-3.54/-3.11/-2.64	-1.68/-1.68/-1.91	-1.15/-1.12/-0.52	0.42/1.42/1.42	1.04/0.94/0.74	1.61/1.36/1.14	1.06/0.51/0.25	-0.01/-0.79/-1.37	-1.52/-1.52/-1.52	-0.9/-1.78/-2.51	-1.81/-1.45/0.33	-2.29/-2.14/-2.06	0.19/1.62/1.52	1.81/1.45/0.33	1.92/2.04/2.02
θ(-20°)	-2.52/-1.79/-1.53	-2.18/-2.03/-2.67	-2.64/-1.64/-1.49	-1.54/-1.61/-1.9	-1.82/-1.59/-1.61	-1.85/-1.81/-1.8	2.32/2.02/2.13	1.81/1.14/0.38	-0.09/-0.59/-0.65	-1.23/-1.25/-0.52	-1.15/-1.12/-0.52	-2.06/-1.63/-1.2	-1.11/0.57/0.28	-1.59/-1.12/-0.52	-1.11/0.57/0.28	1.39/1.04/0.81	1.82/1.11/1.46	0.65/-0.33/-0.36	-0.75/-2.04/-3.01	-1.07/-1.87/0.2	-1.67/-2.14/-2.01	2.12/2.63/3.01	2.61/2.54/1.39	1.92/2.05/2.2
θ(-10°)	-3.81/-2.98/-1.96	-1.16/-1.26/-2.23	-2.08/-3.23/-2.6	-1.64/-1.1/-0.76	-0.83/0.07/0.78	1.68/1.93/1.36	1.46/0.89/1.34	0.89/0.56/-0.68	-0.83/-1.25/-0.31	-0.43/-0.06/-0.2	-0.61/-0.66/-1.55	1.31/1.78/1.93	2.29/2.32/2.2	2.22/2.11/2.29	0.6/-0.03/-0.37	-0.14/-0.54/-1.52	-0.02/-2.01/-1.08	-0.31/0.45/0.53	0.74/2.33/2.93	3.09/2.91/1.89	0.69/-0.4/-1.07	-1.07/-1.16/-2.5
θ(-0°)	-4.01/-4.44/-2.22	-0.97/-0.74/-1.05	-1.79/-3.39/-3.25	-1.32/-1.02/-0.28	-1.02/-0.55/0.25	0.93/0.3/-0.45	-1.18/-1.68/-1.68	-1.86/-1.5/-0.77	-0.42/-0.28/0.32	0.99/1.19/1.12	0.93/0.23/-1.19	-3.11/-4.39/-5.81	-2.43/-0.81/0.39	0.43/0.71/1.29	2.22/2.86/2.69	2.49/2.88/2.21	0.19/-0.66/-0.62	0.14/0.11/-0.73	-0.69/-0.43/-0.07	0/-0.33/-1.04	-1.81/-1.24/-0.15	0.64/1.36/0.68	-0.24/-0.91/-1.37	-0.62/-0.42/-1.48
θ(-10°)	-3.99/-5.41/-3.17	-5.01/-5.98/-0.48	-1.58/-3.74/-3.38	-3.33/-0.03/-0.6	-1.54/-1.09/0.47	0.66/0.06/-0.54	-1.82/-2.77/-3.74	-3.77/-2.68/-1.18	0.47/1.01/1.25	1.63/2.1/2.26	1.71/1.23/-0.65	-3.55/-5.54/-4.17	-0.6/0.33/1.64	2.53/3.11/2.84	2.62/2.88/1.58	-1.11/-1.9/-0.57	0.3/-0.01/-0.64	-1.5/-1.64/-2.06	-2.89/-4.18/-5.5	-7.05/-5.33/-2.7	-12.05/0/0.19	-6.69/-9.43/-9.07	0.6/0.12/-0.83
θ(-20°)	-3.47/-6.34/-4.12	-2.4/-1.27/-0.94	-1.49/-3.57/-2.75	-0.81/0.4/-0.06	-2.31/-1.41/0.51	-0.62/-0.47/-1.63	-3.35/-4.91/-5.74	-4.39/-2.76/-0.82	-0.26/0.69/1.33	1.79/2.14/2.58	2.39/2.19/1.11	-2.28/-6.08/-4.71	-3.41/-2.77/-1.6	-1.12/-0.87/-0.24	1.99/2.91/2.49	2.51/1.99/0.4	-2.93/-2.8/-0.49	0.53/0.41/0.5	0.35/-0.44/-2.56	-7.53/-11.06/-11.4	-8.23/-9.6/-8.05	-5.9/-10.14/-3.46	-5.5/-9.54/-4.99	-2.59/-2.05/0.64
θ(-30°)	-4.14/-6.16/-4.68	-2.75/-2.18/-1.04	-1.72/-3.77/-3.51	-0.96/0.08/-0.46	-2.59/-1.34/0.33	0.3/-0.08/-1.94	-3.77/-4.32/-4.48	-3.04/-1.71/-0.41	0.02/0.33/0.91	1.68/1.91/2.32	2.04/2.23/0.3	-2.92/-4.68/-5.2	-4.04/-2.96/-2.1	-2.38/-1.78/-0.25	1.38/2.23/1.41	1.28/0.29/-1.91	-0.01/-2.56/-0.12	0.15/0.78/1.09	-0.28/-1.29/-4.46	-8.23/-9.6/-8.05	-15.1/-14.3/-4.46	-14.0/0.23/1.57	1.52/1.70/1.91	0.54/0.69/-0.99
θ(-40°)	-4.87/-7.28/-6.14	-3.42/-2.61/-1.82	-2.43/-3.61/-3.39	-1.24/-0.2/-1.18	-2.83/-1.88/-0.68	-0.69/-1.81/-3.79	-4.4/-5/-3.47	-2.58/-1.79/-1.29	-0.88/-0.56/0.28	0.93/1.18/1.42	1.5/1.8/0.59	-2.65/-7.4/-9.39	-4.85/-4.42/-2.84	-3.2/-3.76/-2.34	-0.11/-3/1.26	0.8/-0.29/-2.85	-7.28/-3.3/-0.12	0.57/0.89/1.18	1.15/-0.49/-2.65	-4.05/-3.77/-3.64	-2.58/-2.12/-2.94	-1.97/-0.02/1.29	1.12/0.61/0.27
θ(-50°)	-6.45/-7.11/-6.43	-6.53/-3.5/-2.35	-2.64/-3.88/-2.9	-1.9/-1.32/-2.62	-4.41/-2.34/-1.14	-1.32/-2.73/-3.65	-4.18/-3.78/-2.51	-1.58/-1.68/-1.27	-0.96/-0.98/-0.26	0.93/0.41/0.37	0.96/0.5/-0.9	-3.81/-7.26/-6.54	-6.12/-5.82/-4.11	-4.74/-4.51/-2.78	-1.06/0.7/-0.04	-1.01/-2.11/-5.83	-6.22/-4.07/-0.14	0.06/0.28/0.38	-1.12/-2.25/-3.19	-2.83/-2.87/-3.39	-3.28/-2.01/-2.46	-1.97/-0.02/1.29	1.12/0.61/0.27
θ(-60°)	-8.3/-8.69/-7.63	-6.59/-5/-2.34	-3.08/-3.01/-2.43	-2.23/-1.03/1.04	-2.23/-1.03/1.04	-2.23/-1.03/1.04	-0.67/-0.79/-2.06	-2.4/-1.53/-0.32	-6.6/-5.79/-2.06	-4.28/-7.02/-6.62	-4.28/-7.02/-6.62	-6.6/-5.79/-2.06	-6.6/-5.79/-2.06	-2.28/-1.36/-1.21	-3.98/-3.84/-3.71	-4.61/-5.99/-5.09	-6.98/-6.02/-2.73	-1.39/-0.19/-0.17	-3.98/-3.84/-3.71	-4.61/-5.99/-5.09	-6.98/-6.02/-2.73	-3.03/-3.87/-4.11	-2.28/-2.28/-2.28
θ(-70°)	-8.81/-10.61/-7.48	-7.1/-6.76/-4.11	-3.64/-4.43/-4.45	-3.52/-2.82/-4.69	-6.53/-4.27/-3.36	-4.24/-4.62/-6.6	-3.89/-3.68/-2.44	-2.56/-2.4/-2.48	-1.58/-1.88/-1.89	-2.5/-2.76/-2.3	-7.36/-6.91/-7.28	-8.24/-8.63/-5.58	-3.64/-2.81/-3.26	-1.06/0.71/-0.04	-1.79/-0.78/-1.17	-3.01/-3.61/-8.12	-6.58/-7.28/-11.73	-1.29/-0.76/-1.17	-3.03/-3.87/-4.11	-3.72/-2.16/-3.35	-4.89/-4.34/-4.19	-6.9/-2.49/-0.77	-1.61/-2.43/-2.85
θ(-80°)	-11.36/-13.26/-9.38	-7.27/-8.30/-6.11	-4.67/-5.77/-5.42	-4.14/-4.65/-5.43	-7.03/-6.4/-4.7	-6.35/-5.56/-5.76	-5.38/-4.79/-3.23	-3.2/-3.2/-3	-3.43/-4.53/-3.31	-2.42/-2.56/-3.75	-3.48/-2.88/-3.95	-6.27/-9.22/-9.4	-8.85/-7.93/-9.27	-10.23/-8.87/-8.12	-5.96/-4.9/-4.73	-6.3/-5.58/-9.47	-8.69/-6.02/-2.73	-1.53/-1.58/-2.78	-3.07/-4.16/-5.6	-4.17/-2.96/-3.42	-4.91/-6.61/-6.8	-3.38/-5.81/-4.69	-5.66/-7.27/-9.02
θ(-90°)	-12.25/-11.09/-10.7	-8.3/-8.73/-5.99	-5.48/-4.43/-6.06	-5.4/-6.04/-7.12	-7.78/-6.06/-5.77	-4.45/-4.31/-4.19	-5.6/-4.2/-3.94	-3.6/-4.31/-4.49	-4.92/-4.29/-3.37	-3.21/-4.56/-4.91	-8.25/-10.51/-9.57	-10.93/-8.6/-9.24	-11.26/-10.51/-9.2	-8.93/-6.69/-5.37	-8.93/-6.69/-5.37	-8.93/-6.69/-5.37	-6.81/-5.77/-9.18	-12.58/-7.71/-5.54	-4.2/-4.21/-4.37	-5.52/-7.32/-7.52	-4.38/-4.29/-5.72	-7.25/-9.19/-8.18	-6.32/-6.09/-4.54	-6.26/-8.96/-7.11
θ(-120°)	-13.52/-12.93/-11.8	-8.45/-9.99/-8.33	-7.81/-7.49/-6.52	4.15/-0.01/-4.9	-8.41/-7.43/-6.36	-7.22/-7.96/-6.1	-6.43/-5.82/-5.54	-5.17/-5.37/-5.6	-5.94/-5.72/-5.91	-5.47/-5.87/-4.87	-6.7/-6.07/-6.06	-7.46/-11.88/-11.72	-10.61/-9.85/-14.23	-12.84/-10.81/-10.42	-12.16/-7.9/-8.28	-6.77/-6.93/-10.58	-16.41/-11.42/-9.2	-5.64/-6.08/-7.15	-6.36/-9.28/-13.6	-10.64/-5.52/-5.95	-8.99/-10.59/-12.57	-9.55/-9.77/-6.82	-8.66/-10.86/-9.77	-7.88/-9.91/-10.65
θ(-110°)	-14.47/-12.61/-11.18	-10.11/-10.35/-9.36	-8.52/-10.26/-10.43	-9.37/-9.24/-10.47	-11.99/-10.33/-7.72	-9.33/-9.83/-8.71	-7.01/-7.85/-7.22	-7.81/-7.18/-8.08	-8.22/-7.78/-7.55	-5.9/-6.05/-7.41	-6.69/-7.41/-8	-8.09/-7.91/-8.01	-9.59/-11.65/-13.21	-13.03/-11.89/-17.59	-15.71/-11.53/-10.96	-13.09/-9.51/-12.43	-18.46/-18.79/-15.33	-10.14/-10.26/-13.06	-10.5/-14.9/-24.12	-27.68/-15.18/-12.63	-14.34/-13.11/-20.45	-13.21/-21.38/-22.81	-12.22/-17.15/-15.8	-10.39/-11.39/-11.19
θ(-100°)	-17.67/-11.79/-11.31	-12.87/-14.68/-13.87	-10.52/-12.62/-12.73	-12.66/-14.75/-13.02	-12.34/-11.66/-10.67	-10.79/-11.43/-12.06	-10.53/-10.5/-13.24	-11.23/-11.89/-11.51	-11.19/-10.07/-10.39	-8.75/-12.1/-10.52	-11.9/-10.16/-11.03	-12.47/-12.64/-14.07	-12.67/-12.42/-12.78	-13.34/-13.85/-17.37	-17.88/-17.38/-22.2	-16.41/-17.24/-14.7	-17.88/-17.38/-22.2	-12.29/-10.15/-10.16	-13.21/-21.38/-22.81	-14.64/-15.32/-18.01	-15.73/-15.23/-20.68	-14.34/-11.79/-13.44	-19.88/-16.47/-15.5	-19.05/-16.98/-14
θ(-90°)	-15.85/-15.62/-14.76	-20.01/-22.06/-15.13	-12.76/-13.64/-14.66	-13.62/-14.21/-15.26	-12.66/-13.03/-15.26	-12.09/-12.28/-12.18	-12.84/-12.23/-12.95	-13.42/-12.44/-11.71	-12.05/-11.86/-10.93	-12.62/-12.58/-13.29	-12.82/-12.82/-12.42	-11.9/-10.16/-11.03	-13.83/-10.86/-13.13	-13.84/-14.92	-17.72/-18.1/-23.87	-15.17/-16.94/-18.48	-16.64/-14.06/-16.22	-14.18/-23.17/-22.83	-11.49/-15.12/-23.36	-17.07/-18.66/-12.46	-14.18/-23.17/-22.83	-22.9/-15.81/-19.4	-26.41/-18.87/-24.58	-14.51/-6.36/-7.73
θ(-80°)	-16.48/-15.71/-19.27	-18.63/-21.66/-16.01	-15.74/-15.23/-19.92	-14.35/-14.63/-14.85	-16.82/-13.81/-15.63	-13.98/-11.68/-12.8	-14.46/-18.66/-15.82	-14.9/-12.33/-12.41	-12.4/-12.84/-13.35	-12.64/-11.29/-12.67	-12.8/-12.82/-12.42	-16.07/-15.31/-15.48	-14.17/-13.98/-14.77	-19.33/-15.15/-16.82	-15.64/-14.06/-16.22	-18.64/-17.78/-18.56	-16.49/-13.72/-14.8	-14.18/-23.17/-22.83	-19.76/-19.08/-21.45	-27.83/-24.61/-13.72	-17

θ(50°)	-3.24/-4.95/-2.51	-2.29/0.09/-1.55	-4.2/-5.54/-3.54	-0.98/-0.99/-0.82	-1.38/-0.87/-0.09	-0.11/-0.77/-0.71	-2.2/-3.18/-3.8	-3.9/-2.51/-1.41	0.08/0.46/1.35	2.16/2.15/2.66	2.54/1.93/0.77	-0.8/-2.43/-3.41	-2.61/-1.74/-0.61	0.16/0.45/0.55	1.57/3.13/3.12	2.77/2.65/2.31	0.61/-0.36/-0.26	-0.2/0.16/0.29	-0.59/-0.03/0.37	0.25/0.36/0.59	0.34/0.42/0.96	-0.48/-1.02/-0.24	0.26/-1.33/-2.7
θ(55°)	-3.49/-4.77/-2.56	-0.03/0.48/-0.57	-4.36/-5.41/-3.34	-0.99/-0.01/-0.91	-1.31/-0.96/0.37	0.35/-0.37/-1.48	-3.41/-4.9/-4.28	-3.29/-1.64/-0.62	-0.04/0.95/2.07	2.87/2.89/3.02	3.46/3.22/1.81	-0.78/-3.01/-3.02	-3.17/-2.01/-0.15	-0.35/-0.46/0.32	1.56/3.16/3.38	3.01/2.77/1.69	-0.59/-1.29/-0.62	-0.51/-0.76/-1.17	-2.05/-1.16/-1.69	-2.43/-4.07/-4.93	0.48/-2.86/-1.76	0.32/0.86/0.61	0.08/-0.64/0.19	0.49/-0.75/-2.96
θ(60°)	-3.8/-5.03/-4.23	-1.04/0.18/-0.52	-2.49/-4.83/-3.23	-0.91/-0.16/-1.17	-2.51/-0.81/-0.38	-0.48/-1.12/-2.85	-5.18/-4.86/-2.9	-1.02/-0.04/-0.02	-0.89/0.05/1.66	2.72/3.12/3.06	3.55/3.43/2.5	-0.01/-1.95/-3.62	-3.72/-2.24/-1.12	-0.84/-1.06/-1.09	0.59/2.72/3.11	2.85/2.24/0.71	-1.68/-3.41/-1.66	-0.31/-0.11/0.24	0.04/-0.2/-2.02	-5.66/-11.16/-16.09	-11.66/-8.51/-3.62	-1.86/0.42/0.93	0.84/0.81/1.32	1.32/-0.51/-2.89
θ(65°)	-4.71/-5.28/-4.68	-1.79/-0.77/-0.57	-2.24/-4.14/-3.06	-1.25/-0.31/-1.81	-3.36/-1.16/-0.48	-0.39/-1.39/-4.49	-6.74/-4.83/-3.26	-0.38/0.07/0.55	0.52/0.36/1.24	2.39/2.87/2.78	3.41/2.91/1.85	-0.31/-3.06/-3.53	-3.3/-3.11/-1.82	-1.07/-1.72/-0.82	-0.17/1.98/2.13	2.62/1.78/0.63	-1.85/-0.99/-0.68	-0.45/-0.29/0.43	-0.64/-1.43/-4.53	-10.65/-14.54/-12.33	-8.34/-4.74/-2.77	-1.13/0.97/1.75	1.72/1.21/0.68	1.51/-1.03/-2.41
θ(70°)	-5.7/-6.24/-5.3	-3.4/-2.12/-1.4	-1.56/-2.96/-2.8	-1.53/-0.73/-2.62	-3.39/-2.77/-1.57	-2.04/-2.55/-4.18	-4.08/-2.79/-1.26	-0.31/0.64/0.46	-0.18/-0.98/0.13	1.23/1.83/1.87	1.67/1.58/1.24	0.15/-2.52/-3.09	-4.63/-3.28/-3	-3.03/-1.92/-1.86	-1.44/0.72/1.05	1.43/0.62/-1.72	-6.73/-4.18/-1.16	0.06/0.61/1.17	1.03/0.94/-2.77	-5.09/-5.82/-4.35	-3.96/-3.58/-2.97	-1.13/1.29/2.18	1.59/1.36/1.45	0.89/-0.87/-4.66
θ(75°)	-7.79/-8.54/-6.81	-6.26/-4.39/-2.28	-2.22/-2.88/-2.86	-1.82/-2.06/-3.7	-4.29/-2.51/-2.16	-2.9/-3.7/-4.8	-3.87/-2.14/-0.68	-0.53/-0.05/-0.03	-0.63/-0.96/-0.33	0.96/1.10/0.62	0.01/0.28/-0.27	-1.61/-4.82/-5.68	-6/-4.47/-5.17	-4.29/-3.01/2.24	2.44/-1.34/-0.08	0.13/-0.76/-2.58	-8.35/-4.13/-1.04	0.45/0.07/0.43	-0.69/-1.47/-3.3	-3.8/-2.9/-3.93	-4.2/-3/-3.43	-1.54/0.69/2.04	1.07/0.72/1.02	-0.46/-2.57/-4.8
θ(80°)	-7.58/-10.39/-7.24	-6.06/-5.34/-3.42	-2.88/-3.47/-3.45	-2.78/-3.3/-4.87	-6.24/-4.74/-3.38	-4.52/-4.76/-4.73	-4.48/-2.44/-0.94	-0.96/-0.96/-1.18	-1.52/-1.67/-1.09	-0.56/-0.33/-0.39	-1.38/-1.93/-1.51	-2.46/-4.36/-7.54	-5.93/-6.2/-5.25	-5.12/-3.83/-3.81	-4.42/-2.76/-1.27	-0.93/-1.43/-3.98	-11.06/-4.71/-3.39	-6.41/-0.9/-0.26	-0.61/0.98/-2.51	-1.82/-0.11/-0.82	-3.78/-3.74/-3.89	-3.53/-3.79/0.65	0.18/-0.53/0.03	-6.93/-3.99/-6.54
θ(85°)	-9.83/-11.86/-9.2	-7.25/-5.99/-4.65	-3.51/-4.19/-3.73	-3.55/-3.95/-6.89	-6.48/-4.66/-4.64	-5.19/-4.67/-4.7	-4/-2.91/-1.42	-1.39/-1.64/-2.1	-2.15/-2.63/-2.2	-1.18/-1.96/-1.55	-2.5/-3.15/-2.48	-4.62/-7.32/-6.17	-6.18/-6.15/-7.83	-6.86/-5.32/-3.89	-5.87/-4.97/-3.12	-2.09/-2.57/-6.02	-11.36/-5.41/-1.32	-1.23/-1.38/-1.08	-3.47/-4.59/-6.43	-2.91/-1.75/-3.15	-5.45/-5.4/-5.29	-4.12/-1.99/-0.72	-1.51/-1.91/-1.49	-2.83/-5.71/-7.66
θ(90°)	-10.1/-13.76/-11.31	-8.4/-8.13/-6.93	-4.7/-5.22/-4.79	-4.77/-5.65/-4.9	-7.21/-5.98/-6.57	-6.03/-6.19/-5.78	-5.91/-3.89/-2.68	-2.39/-3.36/-3.55	-2.85/-4.25/-3.26	-2.46/-2.55/-2.34	-3.58/-5.53/-4.38	-4.67/-8.18/-9.22	-9.06/-8.01/-8.36	-7.96/-6.7/-6.88	-7.12/-6.65/-3.79	-3.7/-4/-6.54	-15.51/-5.7/-8.81	-1.76/-1.71/-2.45	-3.58/-4.87/-5.2	-3.46/-1.68/-2.53	-5.32/-6.99/-6.43	-6.12/-4.14/-2.39	-3.27/-5.47/-3.71	-4.44/-7.56/-8.81
θ(95°)	-11.47/-12.6/-11.07	-9.08/-8/-6.01	-5.67/-6.82/-6.34	-5.69/-6.53/-8.56	-9.91/-8.85/-6.13	-6.78/-6.73/-6.41	-5.81/-4.29/-3.52	-3.4/-4.2/-4.16	-4.15/-3.79/-4.58	-3.55/-2.86/-3.74	-5.99/-5.66/-5.39	-6.6/-10.05/-9.98	-8.51/-10.36/-9.58	-10.29/-8.17/-7.58	-7.37/-7.61/-6.81	-6.04/-5.36/-7.93	-12.39/-7.44/-4.94	-3.24/-3.8/-4.25	-6.02/-8.76/-9.07	-5.38/-3.7/-4.99	-6.96/-10.07/-8.91	-7.34/-6.09/-4.96	-5.6/-6.52/-6.01	-4.35/-9.65/-10.3
θ(100°)	-12.01/-12.79/-12.34	-10.43/-9.58/-7.17	-5.98/-7.36/-7.72	-7.8/-7.5/-9.1	-10.07/-7.62/-8.89	-8.02/-7.39/-8.01	-7.34/-5.9/-4.15	-3.88/-5.07/-6.25	-7.25/-7.16/-5.78	-4.13/-3.91/-5.04	-6.06/-7.24/-7.58	-8.37/-11.3/-10.23	-12.98/-9.79/-10.75	-11.2/-10.7/-9.84	-10.16/-10.32/-8.18	-7.58/-5.72/-8.87	-13.17/-12.23/-7.82	-5.67/-5.47/-6.67	-6.69/-10.29/-15.31	-8.89/-5.97/-5.34	-7.85/-9.59/-12.01	-8.43/-8.49/-7.47	-8.32/-9.04/-8.47	-8.03/-10.21/-10.77
θ(105°)	-13.31/-11.86/-11.23	-9.87/-10.2/-8.22	-7.3/-8.31/-8.77	-7.93/-8.74/-10.44	-11.06/-8.76/-9.21	-8.82/-8.46/-9.71	-8.48/-6.53/-5.13	-6.33/-6.7/-7.72	-6.52/-6.18/-6.22	-5.49/-4.8/-5.7	-7.43/-7.78/-8.73	-8.75/-12.12/-13.57	-11.91/-10.32/-10.53	-10/-10.52/-10.73	-12.45/-11.07/-11.01	-10.89/-7.29/-8.92	-12.31/-13.22/-11.99	-9.53/-7.93/-9.51	-10.69/-14.96/-23.04	-15.26/-9.76/-9.77	-11.65/-12.08/-17.53	-11.37/-10.42/-8.44	-11.39/-10.74/-10.08	-10.46/-10.67/-10.92
θ(110°)	-12.92/-14.64/-11.8	-10.49/-11.9/-9.71	-7.7/-8.7/-9.94	-9.49/-9.21/-11.23	-12.91/-12.49/-10.66	-11.25/-9.56/-9.67	-8.57/-7.82/-7.47	-8.01/-8.4/-9.37	-8.96/-8.36/-7.49	-6.9/-6.19/-7.72	-8.28/-8.94/-9.18	-11.29/-13.53/-20.26	-21.08/-23.53/-20.26	-23.04/-20.94/-19	-13.19/-11.45/-12.6	-13.55/-14.39/-14.19	-11.63/-13.93/-12.25	-13.07/-9.23/-9.83	-11.41/-14.84/-20.9	-26.34/-12.71/-15.13	-11.82/-12.51/-21.73	-12.85/-13.15/-10.06	-9.25/-12.04/-10.04	-10.83/-10.81/-11.08
θ(115°)	-13.02/-13.74/-12.75	-12.24/-13.01/-11.64	-10/-9.9/-12.4	-10.93/-10.11/-11.92	-15.66/-12.41/-11.84	-12.91/-13.18/-10.95	-10.67/-10.08/-9.04	-8.61/-9.87/-9.92	-9.69/-8.49/-7.2	-7.85/-7.84/-8.6	-8.64/-10.21/-9.63	-9.2/-11.87/-16.79	-11.77/-9.63/-12.46	-19.8/-12.75/-12.77	-15.11/-15.22/-17.31	-16.27/-9.94/-11.06	-13.51/-18.2/-14.82	-10.43/-13.26/-13.86	-11.5/-19.97/-25.73	-27.33/-16.39/-13.94	-15.46/-16.5/-18.91	-18.27/-12.59/-14.25	-11.76/-11.63/-10.78	-11.46/-11.41/-13.91
θ(120°)	-12.93/-16.39/-14.68	-12.58/-12.24/-14.24	-11.46/-12.15/-12.77	-13.13/-13.16/-13.31	-14.36/-16.2/-12.91	-12.17/-11.93/-12.16	-10.16/-9.93/-12.22	-10.23/-10.51/-9.83	-9.96/-10.2/-8.36	-10.22/-11.08/-11.01	-10.34/-9.49/-9.75	-9.59/-12.36/-14.71	-11.55/-12.33/-15.06	-13.94/-14.96/-17.39	-18.47/-17.25/-20.11	-12.26/-11.82/-12.37	-11.7/-17.66/-17.56	-12.29/-10.38/-11.43	-9.6/-10.13/-22.63	-27.2/-17.77/-11.66	-12.97/-17.82/-15.02	-15.26/-11.36/-12.16	-13.7/-12.37/-11.22	-13.62/-15.07/-15.81
θ(125°)	-16.43/-15.58/-14.7	-11.75/-14.49/-13.63	-12.71/-13.65/-12.12	-13.45/-14.46/-14.15	-16.49/-18.09/-13.85	-13.3/-13.57/-13.29	-12.59/-10.79/-9.65	-13.15/-13.94/-12.46	-9.89/-8.83/-10.06	-11.5/-10.40/-9.98	-10.09/-10.66/-11.35	-9.88/-12.84/-15.84	-12.04/-11.99/-12.45	-17.38/-18.51/-18.04	-16.77/-19.37/-20.69	-17.05/-15.12/-12.74	-11.86/-16.28/-20.44	-14.75/-17.97/-13.33	-8.82/-11.5/-20.68	-19.23/-15.35/-12.58	-16.26/-23.12/-27.02	-14.36/-10.4/-11.42	-19.24/-14.91/-13.78	-16.09/-16.69/-15.9
θ(130°)	-14.96/-12.49/-15.15	-15.29/-14.77/-15.66	-14.52/-15.41/-15.48	-15.29/-14.92/-13.52	-13.53/-15.36/-16.81	-12.68/-12.18/-14.09	-12.98/-11.22/-9.57	-10.33/-12.02/-12.16	-12/-12.24/-12.67	-11.06/-9.85/-10.94	-11.22/-12.71/-12.04	-13.13/-14.04/-14.46	-13.86/-13.91/-13.33	-15.51/-16.44/-17.39	-20.4/-15.94/-17.26	-15.92/-21.73/-14.21	-13.04/-16.29/-19.05	-25.07/-22.79/-15.99	-12.55/-14.89/-23.34	-15.92/-14.58/-13.13	-13.51/-27.11/-20.85	-19.49/-13.36/-14.77	-23.81/-15.04/-16.98	-27.56/-23.22/-17.91
θ(135°)	-18.07/-22.53/-16.5	-17.39/-17.72/-19.42	-16.26/-14.3/-16.48	-15.15/-16.12/-18.17	-14.29/-15.62/-15.04	-14.03/-13.58/-14.68	-17.29/-14.27/-12.4	-13.5/-16.17/-15.82	-14.85/-14.54/-14.79	-13.29/-12.14/-11.84	-13.38/-14.62/-13.23	-12.88/-15.67/-19.41	-15.27/-13.1/-14.11	-18.24/-16.13/-16.57	-15.27/-16.64/-17.23	-20.16/-17.54/-21.04	-19.42/-17.28/-17.86	-23.56/-21.79/-18.18	-21.16/-28.12/-27.58	-20.37/-20.58/-21.02	-20.54/-22.97/-21.5	-24.18/-16.16/-17.17	-27.98/-21.45/-27.31	-27.91/-28.07/-18.29
θ(140°)	-17.69/-26.92/-19.99	-18.37/-18.6/-16.49	-19.71/-16.92/-17	-15.31/-15.69/-16.51	-16.93/-12.65/-14.09	-15.99/-15.97/-14.96	-12.94/-16.99/-15.51	-14.58/-17.21/-15.75	-16.3/-16.34/-12.87	-12.65/-14.28/-13.55	-16.41/-13.79/-13.14	-15.12/-15.35/-13.28	-13.03/-14.05/-13.51	-15.35/-16.15/-15.93	-14.73/-16.43/-16.31	-18.75/-27.01/-28.02	-18.45/-18.89/-20.39	-22.51/-23.08/-17.63	-26.28/-26.56/-27.62	-27.58/-21.46/-17.26	-17.45/-22.07/-27.99	-27.93/-27.2/-19.76	-19.55/-26.41/-23.49	-23.06/-20.19/-19.28
θ(145°)	-18.95/-25.08/-25.99	-19.6/-17.16/-19.59	-17.15/-17.57/-21.09	-21.31/-19.21/-20.87	-17.05/-15.13/-15.73	-16.41/-19/-16.63	-17.03/-19.84/-18.77	-21.24/-20.99/-16.15	-15.64/-13.87/-13.03	-16.11/-16.33/-15.96	-14.23/-14.17/-16.79	-14.44/-14.64/-11.51	-14.39/-19.81/-15.46	-13.48/-15.68/-17.66	-19.33/-17.31/-18.34	-26.28/-27.92/-27.07	-17.72/-17.51/-22.14	-17.64/-19.2/-18.55	-18.18/-23.85/-26.24	-22.22/-21.71/-15.71	-19.03/-25.92/-27.8	-26.77/-22.4/-17.3	-18.22/-20.94/-22.88	-23.5/-27.18/-23.05
θ(150°)	-17.21/-22.22/-27.08	-22.77/-23.54/-20.87	-16.45/-19.58/-21.28	-21.34/-23.34/-22.38	-25.4/-22.89/-27.52	-20.87/-20.8/-27.88	-16.46/-15.39/-16.24	-18.63/-17.99/-16.68	-17.89/-17.27/-16.7	-16.81/-16.68/-18.81	-17.36/-18.14/-16.54	-16.59/-14.23/-17.58	-21.78/-17.29/-16.43	-19.94/-19.71/-16.52	-15.87/-20.16/-27.26	-26.59/-25.23/-27.78	-23.58/-24.96/-23.27	-18.27/-19.91/-18.96	-20.86/-19.52/-20.97	-17.48/-19.31/-17.96	-20.9/-26.71/-27.11	-19.11/-21.44/-20.97	-19.92/-23.25/-23.94	-28.14/-22.48/-20.05
θ(155°)	-17.12/-22.24/-24.42	-24.46/-23.43/-26.33	-20.38/-20.67/-23.04	-24.09/-27.45/-28.31	-21.79/-27.03/-25.04	-23.25/-18.61/-24.37	-27.67/-27.67/-25.01	-22.07/-14.42/-15.72	-17.25/-19.18/-24.92	-20.04/-19.98/-19.62	-21.08/-23.53/-20.26	-23.04/-20.94/-19	-23.49/-20.07/-18.42	-20.03/-20.9/-21.24	-18.16/-19.19/-27.55	-26.84/-27.64/-24.35	-27.51/-27.77/-21.56	-23.39/-24.11/-22.71	-20.52/-18.33/-17.74	-20.19/-23.69/-21.58	-27.16/-25.01/-26.75	-27.96/-21.18/-18.24	-20.99/-24.87/-25.61	-22.71/-21.49/-19.37
θ(160°)	-20.84/-23.33/-21.88	-22.69/-21.79/-21.55	-28.05/-27.48/-28.26	-27.18/-27.02/-20.36	-16.71/-17.13/-18.11	-20.28/-16.95/-16.72	-17.77/-19.04/-18.16	-15.16/-14.01/-14.5	-17.77/-21.66/-18.01	-17.08/-27.36/-27.92	-27.55/-23.68/-21.18	-27.23/-26.9/-21.45	-21.38/-18.31/-19.1	-24.07/-27.62/-26.88	-24.27/-27.26/-27.13	-26.39/-25.23/-27.78	-25.4/-23.03/-27.54	-26.92/-25.34/-27.48	-21.34/-26.82/-27.02	-24.08/-23.43/-18.07	-19.62/-21.24/-22.33	-22/-23.71/-19.72	-18.92/-18.63/-19.82	-18.62/-18.63/-19.82
θ(170°)	-24.67/-24.55/-24.51	-23.63/-22.36/-25.07	-21.86/-24.72/-27.61	-23.29/-26.92/-22.97	-21.11/-19.49/-18.08	-20.65/-22.86/-21.11	-19.41/-17.4/-18.53	-25.39/-23.04/-28.08	-20.99/-17.33/-19.18	-22.9/-17.3/-20.75	-21.13/-20.76/-25	-26.08/-25.54/-21.21	-21.55/-20.99/-23.02	-27.69/-25.57/-23.99	-23.79/-22.63/-25.96	-21.74/-22.42/-24.1	-26.58/-25.98/-26.91	-22.38/-26.57/-27.56	-28.29/-25.99/-21.4	-23.21/-28.19/-23.85	-21.46/-24.19/-23.58	-21.43/-26.8/-23.5	-21.12/-21.16/-19.8	-18.6/-23.91/-26.31
θ(175°)	-27.35/-27.24/-27.94	-24.43/-26.81/-25.95	-22.75/-24.1/-21.55	-22.11/-18.41/-21.94	-19.33/-16.57/-18.54	-22.03/-21.48/-26.56	-22.29/-23.29/-22.8	-20.6/-27.83/-26.72	-28.25/-25.71/-26.76	-26.23/-28.06/-20.67	-21.4/-21.4/-26.88	-22.12/-22.36/-20.1	-22.76/-22.54/-26.73	-26.81/-28.42/-24.73	-25.55/-26.74/-27.45	-25.91/-27.5/-25.25	-26.27/-27.55/-27.68	-25.12/-26.54/-27.63	-27.21/-27.78/-27.92	-27.58/-23.52/-25.96	-24.55/-27.22/-27.29	-26.99/-27.03/-26.19	-27.44/-25.81/-23.33	-27.67/-27.48/-27.84
θ(180°)	-27.09/-26.82/-23.57	-26.82/-25.34/-27.85	-26.18/-26.64/-23.13	-26.98/-25.42/-27.29	-27.24/-27.62/-26.48	-26.48/-26.87/-26.57	-27.96/-27.63/-22.02	-23.8/-26.1/-27.51	-27.24/-27.67/-27.48	-27.74/-27.71/-26.99	-25.63/-28.39/-27.12	-26.98/-26.87/-27.65	-27.38/-26.69/-26.77	-24.28/-28.1/-26.41	-24.64/-22.31/-17.82	-21.18/-25.76/-22.75	-21.06/-20.99/-26.56	-25.85/-25.99/-25.29	-24.26/-24.48/-27.02	-27.64/-28.21/-21.6	-25.85/-25.97/-22.7	-25.57/-23.56/-21.26	-25.57/-23.16/-22.38	-25.57/-23.16/-22.38
Freq(Hz)	5.3GPa-Theta	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1	Ant. 4/-1
Gain	60°/-90°/-90°/0°	0°/-15°/-90°/-90°/0°	0°/30°/-90°/-90°/0°	0°/45°/-90°/-90°/0°	0°/60°/-90°/-90°/0°	0°/75°/-90°/-90°/0°	0°/90°/-90°/-90°/0°	0°/105°/-90°/-90°/0°	0°/120°/-90°/125°/-90°/0°	0°/130°/-90°/130°/-90°/0°	0°/135°/-90°/140°/-90°/0°	0°/145°/-90°/145°/-90°/0°	0°/150°/-90°/150°/-90°/0°	0°/160°/-90°/170°/-90°/0°	0°/170°/-90°/175°/-90°/0°	0°/180°/-90°/180°/-90°/0°	0°/190°/-90°/200°/-90°/0°	0°/210°/-90°/215°/-90°/0°	0°/225°/-90°/230°/-90°/0°	0°/245°/-90°/245°/-90°/0°	0°/255°/-90°/255°/-90°/0°	0°/270°/-90°/275°/-90°/0°	0°/285°/-90°/285°/-90°/0°	0°/300°/-90°/300°/-90°/0°	0°/315°/-90°/320°/-90°/0°	0°/330°/-90°/330°/-90°/0°	0°/345°/-90°/350°/-90°/0°
θ(0°)	-1.18/-1.19/-0.93	-1.32/-1.55/-1.6	-2.42/-2.82/-3.48	-5.46/-6.13/-5.77	-6/-5.85/-7.16	-8.84/-11.22/-13.53	-15.58/-19.57/-19.8	-20.43/-14.32/-11.84	-11.46/-9.96/-7.73	-5.73/-4.28/-4.68	-3.94/-3.08/-2.48	-2.1/-1.46/-1.2	-1.11/-1.43/-1.35	-1.15/-1.21/-1.05	-1.14/-1.3/-1.79	-2.5/-2.7/-4.01	-4.62/-5.14/-5.85	-7.99/-10.38/-12.33	-14.69/-18.54/-19.79	-19.09/-13.67/-12.48	-10.87/-9.11/-7.55	-6.04/-5.32/-4.48	-3.57/-2.45/-1.6	-1.54/-1.88/-1.44
θ(5°)	-1.71/-1.67/-2.01	-1.84/-2.16/-3.04	-3.48/-4.11/-4.99	-6.37/-6.61/-7.21	-7.77/-7.98/-8.64	-10.84/-14.76/-21.53	-17.83/-20.29/-16.18	-15.98/-12.67/-8.74	-8.43/-8.84/-7.09	-5.71/-4.08/-3.83	-4.15/-3.95/-3.23	-1.95/-1.74/-1.12	-1.61/-2.04/-2.01	-1.81/-2.16/-2.29	-2.52/-2.73/-2.99	-3.39/-4.46/-5.32	-6.73/-7.71/-8.1	-10.06/-10.8/-14.65	-17.29/-19.12/-26.97	-21.19/-20.29/-17.52	-12.89/-12.68/-12.73	-8.86/-7.39/-6.14	-4.99/-4.13/-3.82	-3.24/-2.68/-2.2
θ(10°)	-3.73/-3.71/-3.53	-3.3/-4.08/-4.97	-5.48/-5.67/-7.72	-9.04/-10.06/-10.98	-12.05/-10.07/-10.98	-12.64/-17.56/-21.97	-22.11/-19.62/-16.35	-14.12/-10.6/-7.77	-6.3/-6.42/-7.53	-6.34/-5.32/-4.44	-4.58/-4.62/-6.36	-5.14/-4/-3.54	-3.48/-3.68/-4.14	-4.21/-3.43/-3.09	-2.73/-2.97/-3.31	-4.11/-4.81/-5.18	-6.36/-7.86/-9.3	-11.03/-13.71/-16.13	-18.17/-20.09/-22.3	-22.59/-21.68/-27.33	-26.25/-27.11/-22.81	-18.54/-13.98/-12.28	-10.67/-8.62/-7.45	-7.39/-5.93/-5.19
θ(15°)	-6.73/-5.8/-5.99	-6.88/-5.74/-5.62	-6.16/-5.64/-5.22	-9.41/-9.78/-11.41	-11.12/-10.5/-11.45	-11.39/-12.68/-15.53	-22.97/-22.89/-16.05	-13.41/-9.31/-7.01	-5.68/-5.46/-6.09	-5.93/-5.03/-4.91	-6.68/-7.78/-7.92	-7.66/-6.7/-6.2	-6.57/-6.65/-5.75	-4.33/-3.7/-3.92	-2.4/-2.48/-4.04	-4.2/-5.17/-6.6	-7.64/-10.03/-10.89	-13.48/-14.45/-17	-18.89/-17.51/-19.31	-19/-20.29/-21.73	-25.34/-18.4/-19.45	-19.98/-18.91/-21.35	-19.22/-17.46/-14.14	-11.23/-10.71/-9.41
θ(20°)	-7.71/-6.91/-7.28	-6.84/-7.26/-6.29	-6.51/-5.79/-7.62	-8.02/-11.31/-13.66	-12.78/-11.12/-10.99	-10.66/-11.86/-13.49	-19.14/-22.79/-24.11	-16.82/-13.4/-9.14	-7.3/-7.09/-6.49	-5.61/-5.69/-5.54	-6.51/-8.63/-9.95	-10.24/-11.26/-12.36	-13.31/-13.79/-9.02	-7.18/-5.11/-4.22	-3.7/-3.22/-3.75	-3.7/-3.76/-4.88	-6.74/-7.69/-10.81	-11.41/-12.67/-13.87	-15.16/-16.36/-18.2	-14.27/-14.79/-17.1	-17.44/-15.55/-16.89	-13.8/-15.68/-19.4	-22.02/-26.8/-19.29	-18.29/-14.55/-11.38
θ(25°)	-7.86/-7.22/-7.88	-7.25/-7.07/-6.55	-6.04/-6.23/-7.13	-6.06/-8.94/-10.59	-10.97/-10.23/-10.49	-9.66/-10.53/-12.51	-10.13/-11.11/-10.69	-9.91/-7.46/-5.79	-6.79/-6.41/-7.85	-10.73/-12.68/-12.23	-13.71/-11.93/-10.58	-8.22/-4.93/-4.13	-4.87/-4.38/-3.8	-3.92/-4.53/-5.48	-4.88/-5.66/-7.08	-8.29/-10.26/-13.35	-15.74/-16.11/-17.74	-25.25/-25.76/-28.15	-21.46/-21.05/-22.53	-23.69/-22.14/-21.37	-17.35/-13.73/-11.83	-13.34/-16.13/-19.48	22.29/-23.21/-21.54	-19.62/-14.51/-10.11
θ(30°)	-8.21/-7.63/-7.48	-8.24/-7.84/-7.59	-6.52/-7.69/-8.84	-6.58/-10.28/-10.15	-10.52/-11.59/-10.98	-10.21/-11.14/-14.27	-16.63/-26.85/-22.62	-20.11/-19.88/-18.31	-16.14/-18.49/-14.63	-12.03/-11.32/-8.94	-6.44/-6.62/-7.27	-9.32/-10.04/-13.18	-15.31/-14.31/-14.8	-16.61/-14.88/-10.69	-8/-6.51/-5.08	-4.88/-5.66/-7.08	-9.25/-10.26/-13.35	-15.73/-16.11/-17.74	-25.25/-25.76/-28.15	-23.28/-23.73/-23.31	-20.21/-17.11/-16.2	-13.26/-13.34/-12.34	-11.55/-11.9/-11.36	-13.89/-13.71/-11.53
θ(35°)	-4.79/-1.72/-8.7	-9.1/-10.8/-8.96	-10.99/-13.79/-14.37	-13.3/-10.68/-11.14	-9.96/-9.94/-9.28	-8.07/-10.02/-13.41	-18.05/-27.28/-22.48	-18.87/-23.74/-27.47	-25.58/-18.24/-12.14	-10.82/-9.98/-10.98	-9.5/-8.41/-9.04	-10.41/-11.17/-12.75	-12.27/-11.54/-14.62	-19.55/-21.9/-15.4	-10.38/-7.11/-6.65	-4.31/-6.36/-8.19	-15.24/-12.8/-16.22	-18.44/-19.39/-21.29	-20.16/-20.69/-21.88	-23.1/-21.22/-19.17	-16.02/-15.03/-15.55	-9.22/-9.32/-9.18	-8.9/-9/-10.61
θ(40°)	-9.59/-9.58/-10.61	-12.05/-14.41/-13.87	-24.3/-27.83/-22.98	-19.35/-14.25/-11.51	-10.61/-9.22/-10.44	-11.14/-13.14/-14.52	-17.53/-26.27/-19.98	-19.56/-24.22/-20.3	-16.72/-14.26/-11.41	-11.28/-10.73/-11.6	-14.9/-15.46/-18.13	-16.69/-15.19/-13.75	-15.48/-13.79/-11.15	-12.54/-16.88/-26.8	-11.48/-10.73/-11.15	-10.91/-15.47/-17.45	-12.05/-9.74/-9.31	-8.89/-9.59/-9.65	-11.84/-12.83/-14.98	-17.28/-26.86/-24.31	-18.01/-12.77/-9.28	-4.19/-7.5/-7.43	-8.36/-8.66/-10.32
θ(45°)	-10.52/-11.39/-13.81	-18.82/-26.42/-27.61	-25.33/-16.23/-15.81	-14.97/-11.98/-9.1	-9.27/-10.03/-11.89	-11.29/-13.34/-13.36	-14.98/-18.49/-22.38	-21.45/-21.57/-18.84	-14.21/-13.73/-11.93	-12.16/-11.79/-11.74	-16.66/-27.48/-20.9	-20.99/-17.78/-12.8	-10.24/-9.25/-8.52	-10.1/-14.71/-19.05	-26.29/-12.49/-10.44	-8.96/-9.06/-10.93	-13.43/-16.81/-19.14	-11.09/-8.27/-7.36	-9.01/-8.48/-10.18	-11.09/-12.48/-14.76	-20.21/-21.29/-21.56	-18.23/-14.82/-11.88	-9.46/-9.72/-9.75	-8.9/-9/-10.61
θ(50°)	-3.24/-4.95/-2.51	-2.29/0.09/-1.55	-4.2/-5.54/-3.54	-0.98/-0.99/-0.82	-1.38/-0.87/-0.09	-0.11/-0.77/-0.71	-2.2/-3.18/-3.8	-3.9/-2.51/-1.41	0.08/0.46/1.35	2.16/2.15/2.66	2.54/1.93/0.77	-0.8/-2.43/-3.41	-2.61/-1.74/-0.61	0.16/0.45/0.55	1.57/3.13/3.12	2.77/2.65/2.31	0.61/-0.36/-0.26	-0.2/0.16/0.29	-0.59/-0.03/0.37	0.25/0.36/0.59	0.34/0.42/0.96	-0.48/-1.02/-0.24	0.26/-1.33/-2.7
θ(55°)	-3.49/-4.77/-2.56	-0.03/0.48/-0.57	-4.36/-5.41/-3.34	-0.99/-0.01/-0.91	-1.31/-0.96/0.37	0.35/-0.37/-1.48	-3.41/-4.9/-4.28	-3.29/-1.64/-0.62	-0.04/0.95/2.07	2.87/2.89/3.02	3.46/3.22/1.81	-0.78/-3.01/-3.02	-3.17/-2.01/-0.15	-0.35/-0.46/0.32	1.56/3.16/3.38	3.01/2.77/1.69	-0.59/-1.29/-0.62	-0.51/-0.76/-1.17	-2.05/-1.16/-1.69	-2.43/-4.07/-4.93	-0.48/-2.86/-1.76	0.32/0.86/0.61	0.08/-0.64/0.19	0.49/-0.75/-2.96
θ(60°)	-3.8/-5.03/-4.23	-1.04/0.18/-0.52	-2.49/-4.83/-3.23	-0.91/-0.16/-1.17	-2.51/-0.81/-0.38	-0.48/-1.12/-2.85	-5.18/-4.86/-2.9	-1.02/-0.04/-0.02	-0.89/0.05/1.66	2.72/3.12/3.06	3.55/3.43/2.5	-0.01/-1.95/-3.62	-3.72/-2.24/-1.12	-0.84/-1.06/-1.09	0.59/2.72/3.11	2.85/2.24/0.71	-1.68/-3.41/-1.66	-0.31/-0.11/0.24	0.04/-0.2/-2.02	-5.66/-11.16/-16.09	-11.66/-8.51/-3.62	-1.86/0.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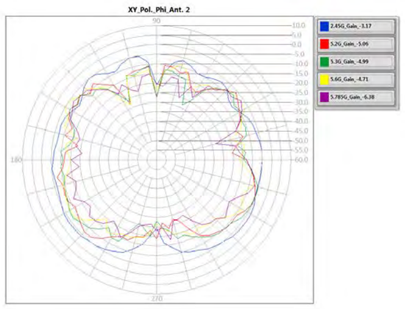
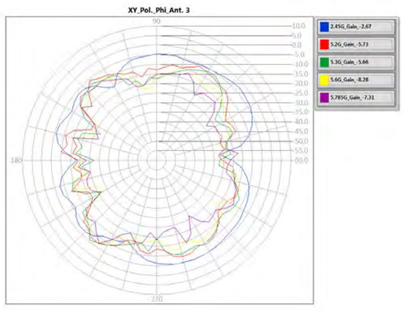
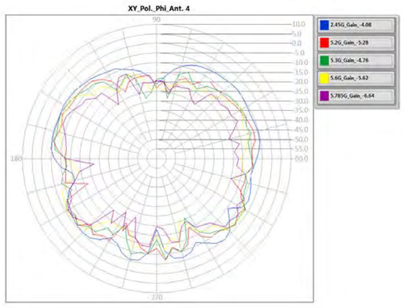
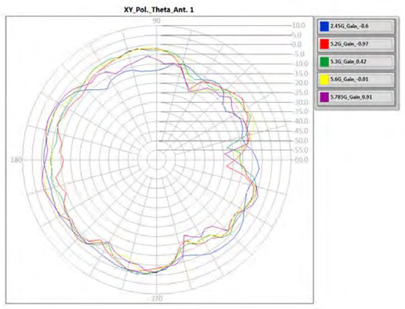
5.3G_Gain_-4.84
5.6G_Gain_-4.78
5.785G_Gain_-5.72


XY_Pol._Phi_Ant. 2
2.45G_Gain_-3.17
5.2G_Gain_-5.06
5.3G_Gain_-4.99
5.6G_Gain_-4.71
5.785G_Gain_-6.28


XY_Pol._Phi_Ant. 3
2.45G_Gain_-2.67
5.2G_Gain_-5.73
5.3G_Gain_-5.66
5.6G_Gain_-8.28
5.785G_Gain_-7.31


XY_Pol._Phi_Ant. 4
2.45G_Gain_-4.08
5.2G_Gain_-5.28
5.3G_Gain_-4.76
5.6G_Gain_-5.62
5.785G_Gain_-6.64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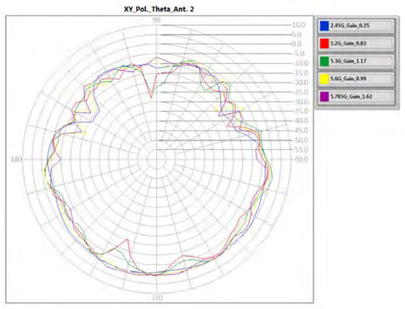
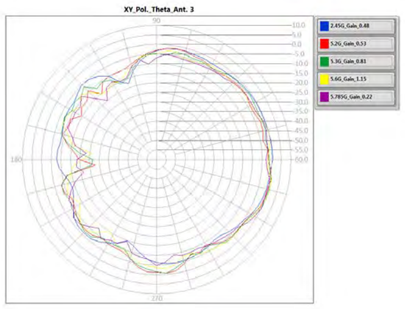
5.3G_Gain_0.42
5.6G_Gain_-0.01
5.785G_Gain_0.91


XY_Pol._Theta_Ant. 2
2.45G_Gain_0.25
5.2G_Gain_0.83
5.3G_Gain_1.17
5.6G_Gain_0.99
5.785G_Gain_1.62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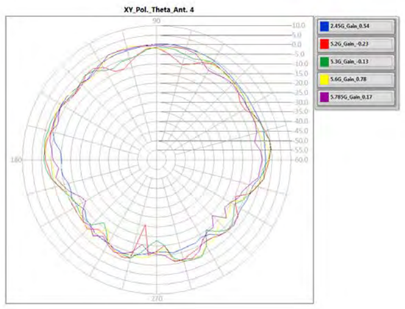
5.3G_Gain_0.81
5.6G_Gain_1.15
5.785G_Gain_0.22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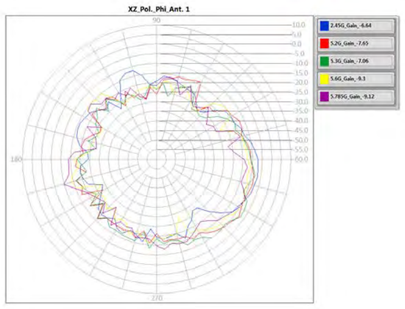
5.3G_Gain_-0.13
5.6G_Gain_0.78
5.785G_Gain_0.17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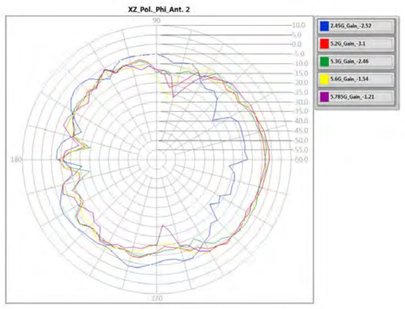
5.3G_Gain_-7.06
5.6G_Gain_-9.3
5.785G_Gain_-9.12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2.45G_Gain_-2.52
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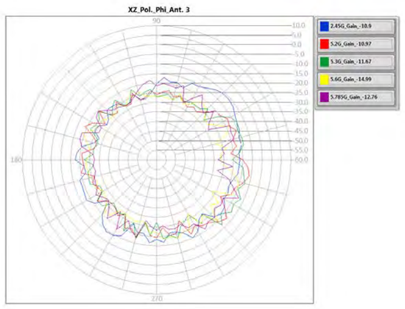
5.3G_Gain_-2.46
5.6G_Gain_-1.54
5.785G_Gain_-1.21


XZ_Pol._Phi_Ant. 3
2.45G_Gain_-10.9
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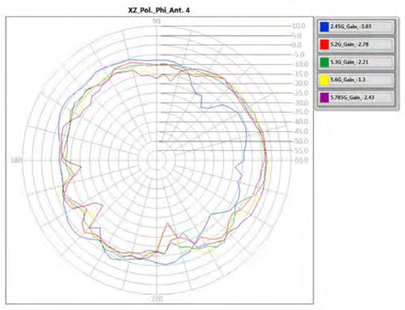
5.3G_Gain_-11.67
5.6G_Gain_-14.99
5.785G_Gain_-12.76


XZ_Pol._Phi_Ant. 4
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5.3G_Gain_-2.21
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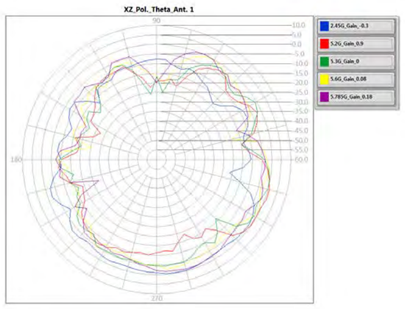
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5.6G_Gain_0.08
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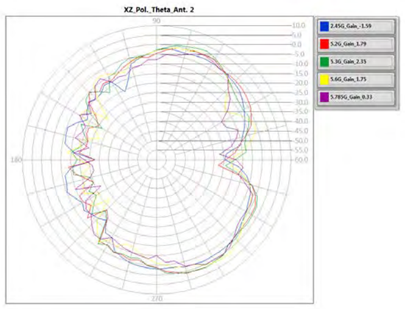
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5.3G_Gain_2.15
5.6G_Gain_1.75
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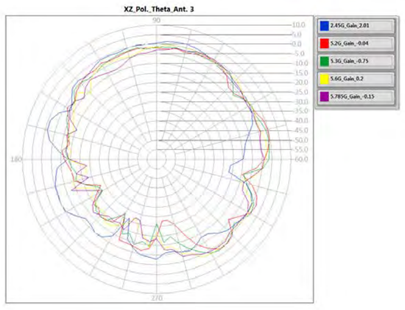
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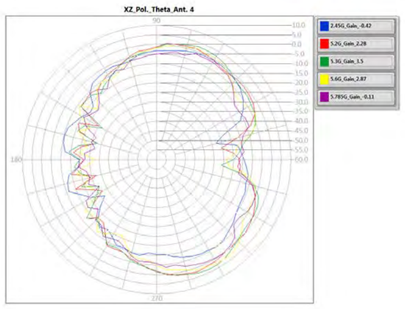
5.3G_Gain_-0.75
5.6G_Gain_0.2
5.785G_Gain_-0.15


XZ_Pol._Theta_Ant. 4
2.45G_Gain_-0.42
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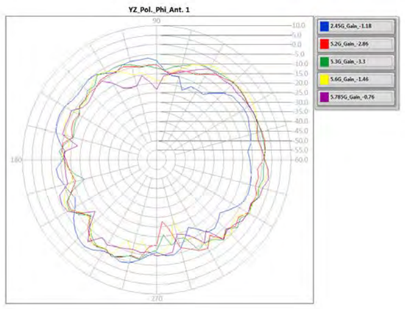
5.3G_Gain_1.5
5.6G_Gain_2.87
5.785G_Gain_-0.11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5.3G_Gain_-1.1
5.6G_Gain_-1.46
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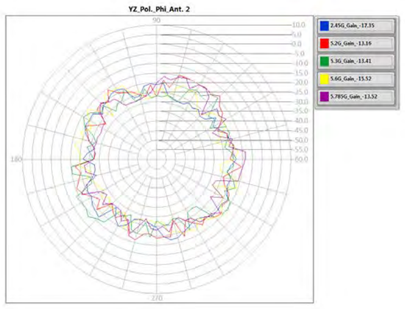
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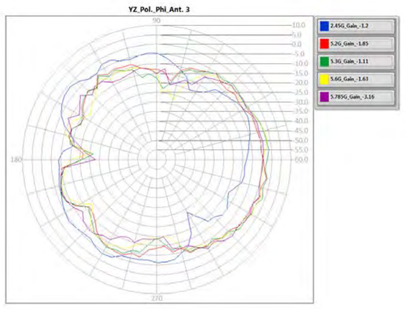
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5.3G_Gain_-1.11
5.6G_Gain_-1.63
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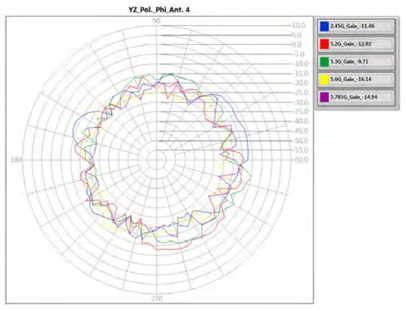
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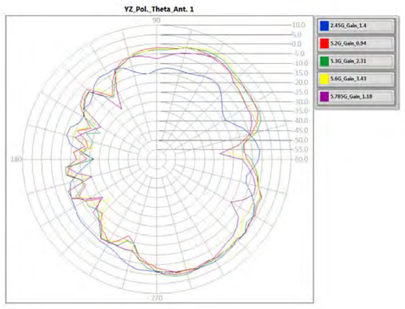
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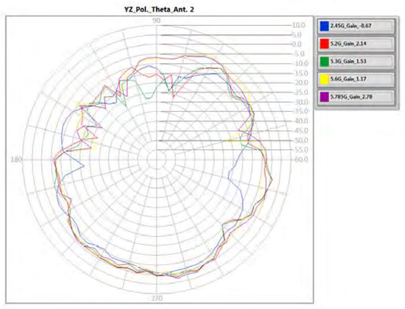
5.6G_Gain_1.43
5.785G_Gain_1.10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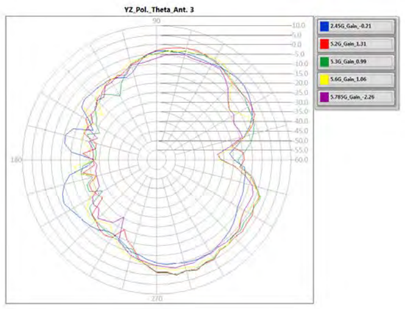
5.6G_Gain_1.17
5.785G_Gain_2.78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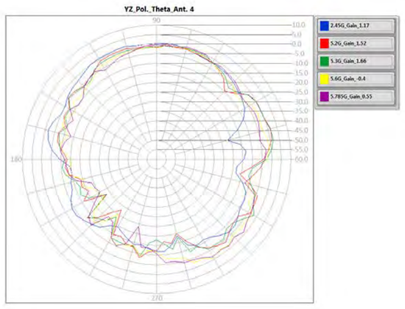
5.3G_Gain_0.99
5.6G_Gain_1.06
5.785G_Gain_-2.29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5.6G_Gain_-0.4
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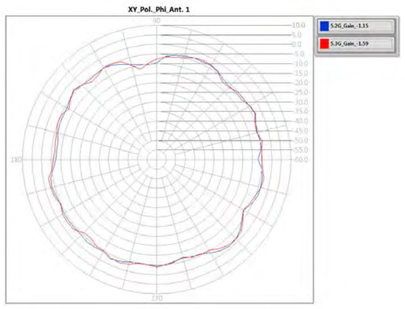
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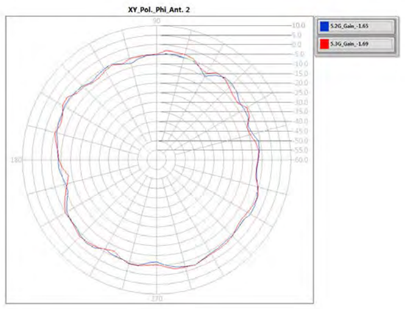
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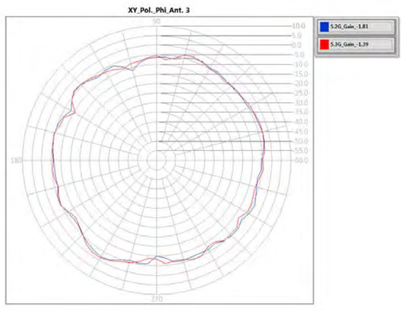
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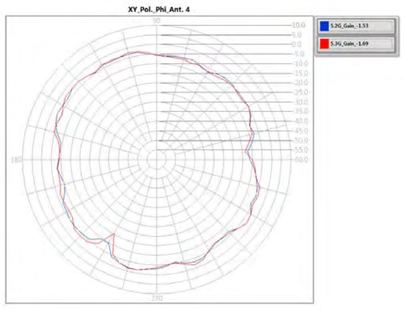
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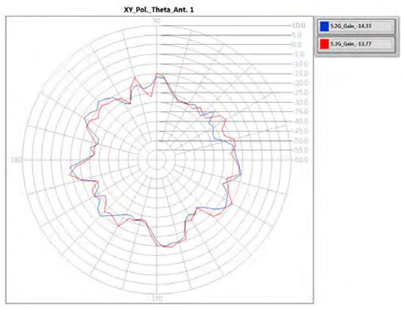
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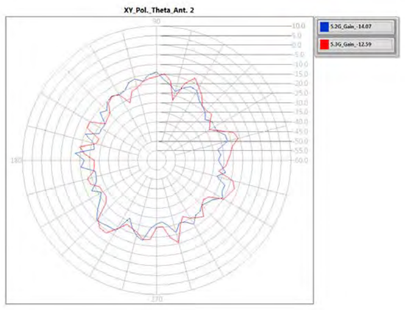
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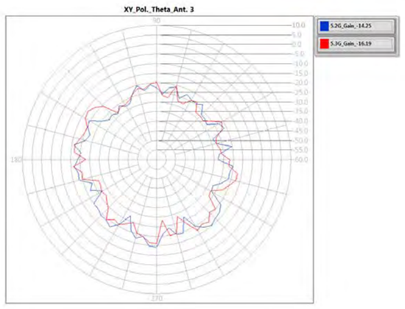
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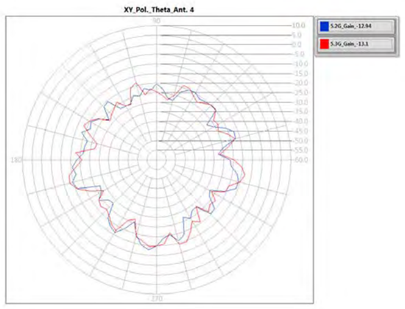
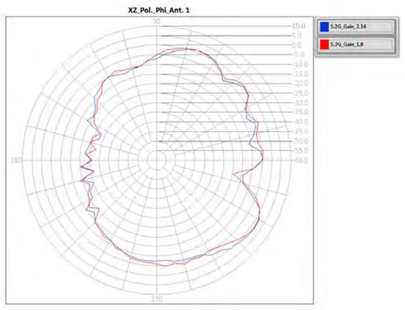
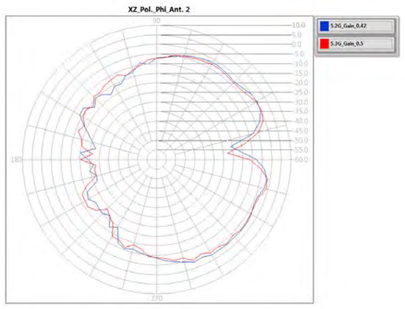
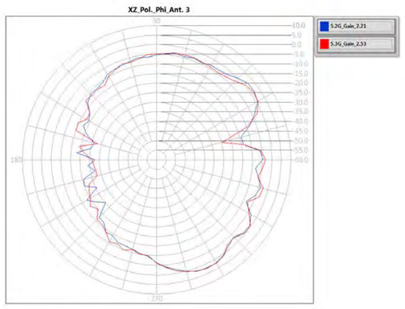
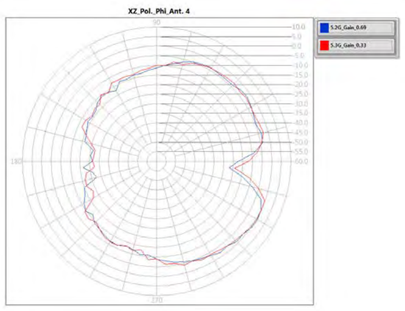
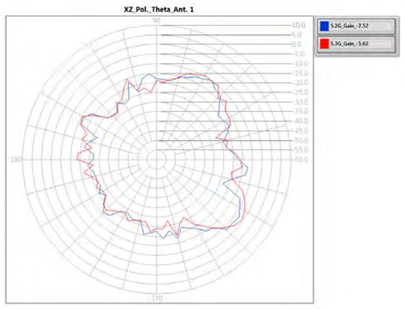

XY_Pol_ Theta_Ant. 4
5.2G_Gain_:12.94
5.3G_Gain_:13.1

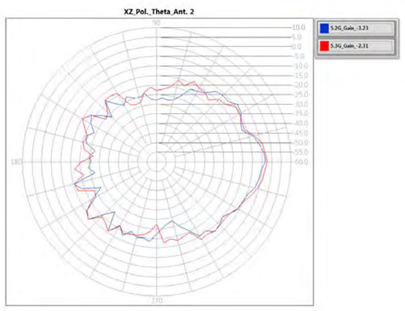

XZ_Pol_ Phi_Ant. 1
5.2G_Gain_2.16
5.3G_Gain_1.8

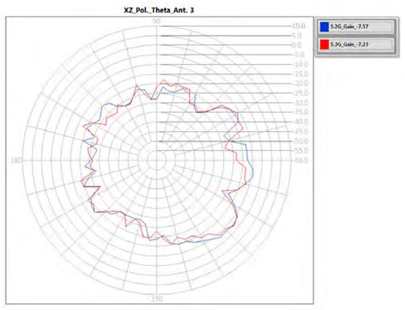

XZ_Pol._Phi_Ant. 2
5.2G_Gain_0.42
5.3G_Gain_0.5

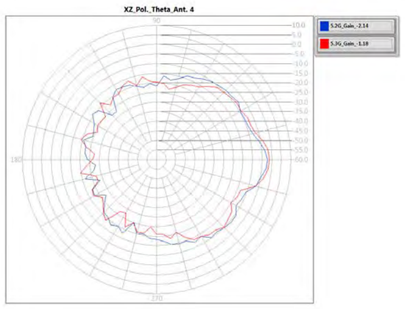

XZ_Pol._Phi_Ant. 3
5.2G_Gain_2.21
5.3G_Gain_2.33

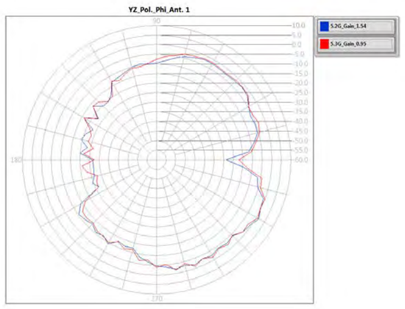

XZ_Pol._Phi_Ant. 4
5.2G_Gain_0.69
5.3G_Gain_0.33

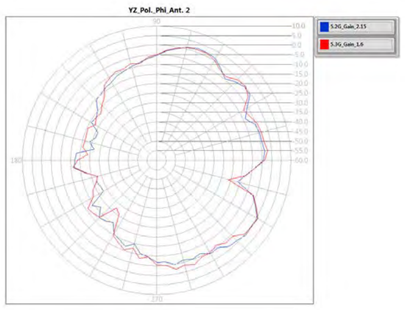

XZ_Pol_ Theta_Ant. 1
5.2G_Gain_:7.52
5.3G_Gain_:5.62

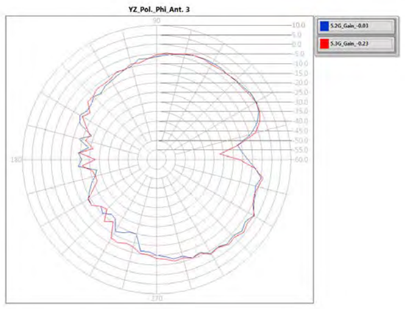

XZ_Pol_ Theta_Ant. 2
5.2G_Gain_:3.21
5.3G_Gain_:2.11

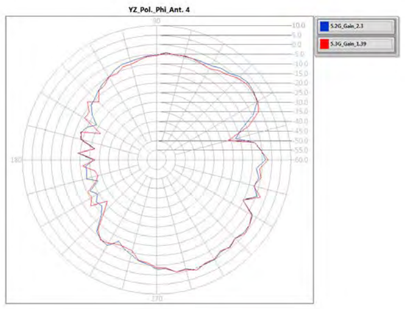

XZ_Pol_ Theta_Ant. 3
5.2G_Gain_:7.57
5.3G_Gain_:7.23

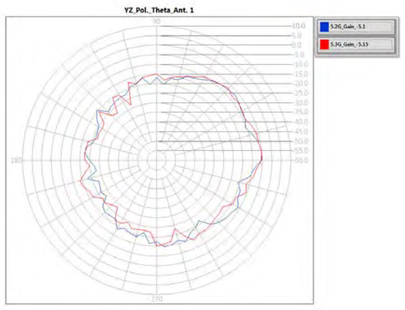

XZ_Pol._Theta_Ant. 4
5.2G_Gain_-2.14
5.3G_Gain_-1.18

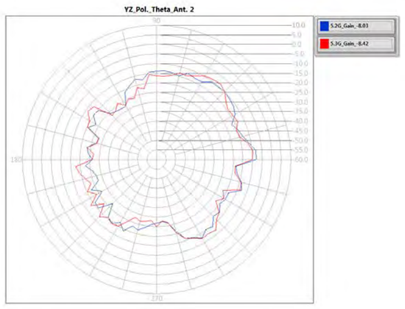

YZ_Pol._Phi_Ant. 1
5.2G_Gain_1.54
5.3G_Gain_0.95

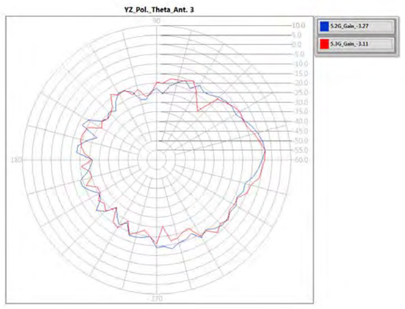

YZ_Pol._Phi_Ant. 2
5.2G_Gain_2.15
5.3G_Gain_1.6

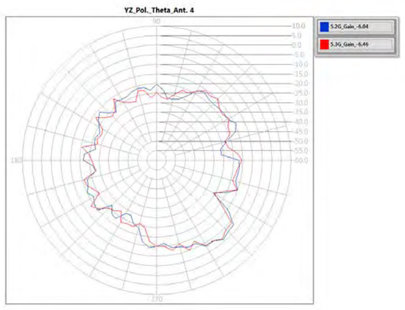

YZ_Pol._Phi_Ant. 3
5.2G_Gain_-0.03
5.3G_Gain_-0.23


YZ_Pol._Phi_Ant. 4
5.2G_Gain_2.3
5.3G_Gain_1.39


YZ_Pol._Theta_Ant. 1
5.2G_Gain_-5.1
5.3G_Gain_-5.15


YZ_Pol_ Theta_Ant. 2
5.2G_Gain_: 8.03
5.3G_Gain_: 8.42


YZ_Pol_ Theta_Ant. 3
5.2G_Gain_: 3.27
5.3G_Gain_: 3.11


YZ_Pol_ Theta_Ant. 4
5.2G_Gain_: -6.04
5.3G_Gain_: -6.49