| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(157.5°) | -18.6/-17.9 | -19.24/-17.98 | -16.37/-13.23 | -11.09/-11.18 | -12.71/-15.01 | -17.03/-19.75 | -18.08/-17.24 | -13.79/-12.35 | -12.5/-13 | -13.37/-12.01 | -11.84/-10.81 | -10.93/-11.1 | -12.94/-15.91 | -17.61/-19.35 | -18.81/-17.52 | -17.35/-19.05 | -17.87/-19 | -18.06/-18.23 | -18.9/-18.48 | -18.79/-14.06 | -12.86/-12.72 | -11.92/-11.95 | -12.76/-16.95 | -17.88/-19.04 |
| Θ(165°) | -18.6/-18.82 | -19.1/-18.66 | -18.74/-18.79 | -18.02/-18.11 | -17.26/-18.17 | -18.99/-18.59 | -19.03/-18.15 | -19.12/-16.59 | -13.27/-11.39 | -10.36/-10.7 | -10.92/-12.39 | -14.28/-16 | -17.68/-16.48 | -14.59/-14.57 | -18.9/-17.59 | -18.72/-17.73 | -18.08/-18.47 | -19.16/-19.18 | -18.26/-17.59 | -18.43/-14.99 | -12.01/-11.14 | -11.3/-13.24 | -16.57/-19.03 | -18/-19.1 |
| Θ(172.5°) | -17.57/-19.24 | -17.75/-18.08 | -18.01/-17.25 | -17.33/-17.78 | -18.33/-19.16 | -19.13/-17.29 | -14.73/-14.09 | -13.4/-13.78 | -14.62/-15.55 | -15.39/-13.44 | -12.76/-12.56 | -13.66/-13.64 | -14.07/-15 | -16.43/-18.57 | -19.12/-19.45 | -18.49/-18.98 | -18.01/-17.95 | -18.85/-18.65 | -18.95/-18.63 | -18.74/-18.33 | -17.72/-19.2 | -18.1/-16.8 | -17.16/-18.26 | -17.89/-16.32 |
| Θ(180°) | -18.48/-19.15 | -18.36/-17.32 | -17.6/-18.17 | -17.68/-18.56 | -17.95/-18.95 | -17.25/-18.48 | -16.16/-14.81 | -14.73/-14.78 | -14.19/-13.84 | -13.76/-13.15 | -12.99/-13.01 | -14.58/-16.54 | -19.78/-18.55 | -18.35/-17.54 | -17.74/-18.02 | -17.78/-19.28 | -18.03/-18.04 | -17.24/-17.18 | -17.64/-17.85 | -17.9/-18.3 | -19.11/-17.68 | -19.08/-18.86 | -17.77/-19.18 | -19.04/-18.98 |
| Freq(Hz) | 5.2G/Pol. | Theta/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°) | -14.9/-14.2 | -14.8/-15.07 | -12.92/-11.7 | -11.47/-12.1 | -12.5/-12.73 | -14.62/-16.33 | -15.33/-15.85 | -16.22/-15.49 | -17.73/-19.32 | -17.41/-19.1 | -19.57/-16.14 | -14.28/-13.39 | -13.94/-14.44 | -13.4/-11.97 | -10.92/-11.02 | -11.36/-10.36 | -9.12/-7.34 | -6.13/-5.33 | -5.16/-5.03 | -4.97/-4.85 | -5.01/-5.6 | -6.54/-7.85 | -8.74/-9.87 | -11.53/-13.63 |
| Θ(7.5°) | -13.48/-11.85 | -11.17/-10.67 | -9.6/-8.2 | -7.48/-7.8 | -8.75/-9.59 | -10.12/-10.4 | -10.09/-10.06 | -10.04/-9.25 | -9.3/-9.4 | -9.26/-9.39 | -10.27/-10.67 | -11.46/-13.39 | -15.75/-16.99 | -15.17/-11.66 | -8.51/-6.55 | -6.26/-7.21 | -7.48/-5.77 | -4.78/-4.34 | -4.75/-6.12 | -7.85/-9.09 | -10.06/-11.23 | -12.64/-13.86 | -13.87/-13.66 | -13.51/-13.5 |
| Θ(15°) | -14.27/-12.45 | -11/-9.63 | -8.37/-6.53 | -4.89/-4.03 | -3.89/-3.89 | -3.76/-3.46 | -2.61/-2.08 | -2.27/-2.16 | -2.54/-3.02 | -3.72/-4.57 | -5.68/-6.87 | -9.08/-11.86 | -14.26/-14.22 | -12.36/-9.58 | -6.97/-5.79 | -5.78/-6.37 | -6.49/-5.33 | -4.16/-3.81 | -3.95/-4.67 | -5.47/-6.8 | -7.96/-9.43 | -11.85/-15.17 | -19.16/-18.51 | -18.78/-17.73 |
| Θ(22.5°) | -12.82/-10.09 | -7.06/-4.73 | -3.74/-3.53 | -3.35/-2.39 | -1.58/-1.31 | -1/-0.73 | -0.52/-0.24 | -0.68/-0.86 | -0.85/-1 | -1.4/-1.92 | -2.93/-4.99 | -8.1/-11 | -10.86/-10.7 | -10.26/-9.86 | -10.02/-9.57 | -8.44/-8.23 | -7.58/-5.93 | -5.05/-3.97 | -3.02/-2.1 | -1.68/-1.92 | -2.29/-3.21 | -4.59/-5.88 | -8.34/-11.71 | -17.29/-18.54 |
| Θ(30°) | -12.84/-10.04 | -6.74/-4.65 | -3.56/-2.62 | -1.63/-0.53 | 0.42/0.5 | 0.68/1.14 | 1.34/1.48 | 1/0.01 | -1.15/-1.55 | -1.68/-1.33 | -1.77/-3.44 | -6.52/-9.69 | -9.63/-9.4 | -10.52/-13.98 | -18.2/-14.71 | -9.58/-8.76 | -9.29/-8 | -6.12/-4.21 | -2.7/-1.51 | -1.27/-1.52 | -2.39/-3.71 | -4.81/-6.36 | -8.38/-12.43 | -18/-17.96 |
| Θ(37.5°) | -11.2/-9.32 | -8.32/-8.26 | -5.57/-2.64 | -0.76/0.55 | 1.81/2.33 | 2.56/2.56 | 2.57/2.56 | 2.06/0.54 | -0.9/-1.48 | -1.74/-1.13 | -1.03/-2.7 | -5.77/-8.25 | -8.95/-11.32 | -18.61/-18.66 | -10.92/-9.16 | -8.76/-7.49 | -6.76/-6.64 | -5.46/-3.58 | -2.1/-1.58 | -1.9/-3.05 | -4.5/-5.57 | -6.99/-7.94 | -10.26/-14.14 | -15.48/-13.85 |
| Θ(45°) | -10.08/-9.36 | -11.18/-13.54 | -8.07/-4.38 | -2.46/-0.79 | 0.96/2.07 | 2.51/2.34 | 2.05/2 | 1.74/0.74 | 0.03/-0.35 | -1.77/-2.6 | -2.21/-3.12 | -5.63/-8.41 | -10.58/-13.94 | -17.75/-18.03 | -12.47/-11.19 | -8.4/-6.12 | -5.23/-5.49 | -4.4/-2.66 | -1.57/-1.27 | -1.94/-3.56 | -4.59/-4.86 | -4.3/-4.67 | -6.52/-9.08 | -10.6/-11.3 |
| Θ(52.5°) | -10.61/-13.42 | -18.52/-16.49 | -13.5/-11.08 | -6.21/-2.49 | -0.15/0.88 | 1.33/1.4 | 1.25/1.2 | 0.71/-0.97 | -1.67/-1.06 | -1.8/-4.09 | -4.67/-5.04 | -6.55/-8.84 | -14.85/-18.01 | -18.92/-14.7 | -11.35/-9.75 | -8.6/-5.75 | -5.01/-4.91 | -3.6/-2.31 | -1.39/-0.66 | -0.93/-2.19 | -4.08/-4.69 | -4.16/-4.33 | -6.11/-8.23 | -9.71/-10.86 |
| Θ(60°) | -11.78/-15.32 | -17.96/-15.73 | -13.49/-10.92 | -7/-2.58 | -1.1/-1.03 | -1.44/-1.12 | -0.75/-0.29 | -0.1/-1.67 | -3.45/-2.66 | -2.62/-4.93 | -7.15/-6.68 | -6.86/-8.94 | -15.72/-18 | -18.27/-17.85 | -14.57/-11.31 | -8.37/-5.18 | -4.69/-6.62 | -3.55/-1.16 | -0.43/-0.43 | -0.6/-1.83 | -3.54/-4.91 | -4.47/-4.4 | -6.04/-8.27 | -10.89/-11.57 |
| Θ(67.5°) | -14.78/-18.45 | -14.7/-9.38 | -5.5/-6.32 | -6.61/-3.33 | -2.86/-3.24 | -3.52/-3.73 | -3.78/-3.14 | -2.83/-3.39 | -5.49/-5.19 | -4.97/-6.72 | -9.32/-10.04 | -9.29/-10.87 | -16.92/-18.65 | -15.14/-16.34 | -15.83/-11.77 | -9.96/-7.01 | -5.65/-5.81 | -2.34/-0.48 | -0.18/-0.9 | -1.87/-2.31 | -3.7/-5.42 | -4.81/-4.56 | -6.7/-9.58 | -13.81/-13.96 |
| Θ(75°) | -17.89/-18.43 | -17.72/-8.81 | -6.13/-8.08 | -6.92/-4.84 | -3.58/-2.91 | -2.7/-1.88 | -1.03/-2.42 | -5.63/-8.14 | -8.92/-6.69 | -6.91/-8.14 | -8.06/-10.36 | -11.58/-11.09 | -13.03/-15.64 | -16.34/-18.46 | -18.03/-15.4 | -16.16/-10.37 | -6.95/-5.07 | -1.42/-0.15 | -0.32/-1.86 | -2.86/-2.69 | -4.4/-7.37 | -6.85/-6.92 | -9.52/-12.93 | -18.98/-18.69 |
| Θ(82.5°) | -14.91/-16 | -16.2/-8.62 | -8.99/-10.59 | -8.82/-6.01 | -3.86/-4.09 | -5.96/-6 | -6.38/-4.82 | -5.02/-10.69 | -14.47/-8.91 | -10.67/-12.37 | -7.78/-10.36 | -13.76/-12.23 | -12.35/-12.31 | -14.39/-15.78 | -17.39/-17.88 | -16.44/-11.39 | -8.01/-4.3 | -1.27/-0.25 | -2.01/-3.7 | -3.1/-2.28 | -4.84/-7.23 | -7.24/-9.81 | -14.25/-15.29 | -18.27/-18.27 |
| Θ(90°) | -16.45/-18.61 | -17.19/-9.99 | -10.85/-9.24 | -9.12/-9.44 | -7.2/-5.84 | -4.83/-5.12 | -6.62/-8.48 | -9.89/-11.89 | -15.81/-15.18 | -11.91/-15.08 | -12.13/-9.84 | -12.04/-13.92 | -11.35/-9.69 | -13.05/-17.38 | -18.8/-18 | -14.23/-10.65 | -7.71/-5.5 | -2.79/-2.31 | -4.06/-4.83 | -2.54/-1.57 | -4.76/-5.56 | -5.58/-10.32 | -14.63/-13.86 | -17.16/-18.01 |
| Θ(97.5°) | -15.67/-19.01 | -18.15/-10.88 | -14.31/-11.43 | -12.82/-14.66 | -9.34/-7.1 | -5.7/-7.08 | -8.6/-10.14 | -12.92/-15.82 | -17.45/-18.93 | -14.42/-15.79 | -11.98/-11.46 | -13.55/-13.28 | -10.64/-10.04 | -12.51/-13.73 | -18.24/-18.03 | -10.23/-7.94 | -7.58/-8.38 | -6.04/-6.66 | -6.41/-4.7 | -2.28/-2.25 | -4.32/-3.31 | -4.58/-9.49 | -11.48/-13.27 | -15.16/-19.16 |
| Θ(105°) | -17.67/-19.04 | -15/-9.09 | -17.47/-16.94 | -16.51/-18.11 | -10.47/-10.26 | -11.9/-12.27 | -12.36/-15.91 | -12.6/-16.34 | -18.93/-18.61 | -18.21/-16.94 | -13.88/-12.01 | -12.29/-11.77 | -13.73/-11.37 | -13.22/-12.65 | -18.75/-19.01 | -10.98/-8.01 | -10.23/-11.68 | -9.7/-9.09 | -7.14/-4.9 | -2.44/-3.96 | -4.8/-3.42 | -6.81/-11.3 | -11.27/-19.31 | -17.93/-18.4 |
| Θ(112.5°) | -18.22/-19.14 | -12.98/-12.93 | -16.04/-15.99 | -16.63/-19.11 | -11.32/-18.45 | -14.68/-12.74 | -18/-18.65 | -12.74/-16.58 | -18.37/-18.01 | -18.24/-13.02 | -16.73/-17.89 | -13.09/-11.84 | -13.95/-15.23 | -12.49/-14.11 | -18.87/-17.13 | -12.98/-11.92 | -16.91/-11.13 | -9.73/-7.85 | -7.59/-5.23 | -5.15/-6.74 | -5.42/-6.36 | -11.6/-12.89 | -17.59/-18.63 | -18.2/-19.1 |
| Θ(120°) | -18.07/-18.44 | -10.53/-13.41 | -17.38/-15.06 | -16.91/-15.99 | -19/-18.6 | -17.51/-17.48 | -19.02/-18.27 | -16.67/-15.91 | -18.04/-19.7 | -17.6/-12.07 | -16.32/-18.99 | -16.59/-11.64 | -13.21/-14.07 | -12.92/-12.95 | -17.34/-18.71 | -14.17/-18.25 | -15.93/-13.54 | -9.81/-8.54 | -8.37/-6.6 | -7.57/-7.24 | -7.68/-12.5 | -16.81/-14.12 | -17.68/-17.37 | -15.85/-18.17 |
| Θ(127.5°) | -18.35/-19.62 | -14.76/-16.05 | -18.51/-17.32 | -18.89/-16.19 | -17.24/-14.41 | -15.2/-18.68 | -18.76/-18.27 | -18.57/-18.36 | -13.66/-12.27 | -14.99/-16.59 | -17.93/-17.9 | -18.69/-15.22 | -13.52/-12.15 | -12.06/-14.4 | -16.87/-14.95 | -17.11/-19.66 | -17.88/-11.29 | -8.47/-8.46 | -8.12/-8.26 | -8.88/-9.16 | -11.14/-15.91 | -15.78/-13.73 | -16.55/-18.27 | -18.02/-18.8 |
| Θ(135°) | -17.88/-16.71 | -15.34/-18.01 | -10.78/-13.97 | -17.48/-16.57 | -18.59/-18.23 | -18.79/-18.32 | -15.88/-16.52 | -15.28/-15.62 | -16.8/-14.35 | -15.41/-19.5 | -19.16/-18.12 | -19.2/-15.3 | -12.8/-12.99 | -13.82/-15.22 | -18.34/-18.32 | -18.17/-18.47 | -15.03/-12.23 | -9.23/-8.29 | -9.26/-10.44 | -11.52/-13.11 | -12.78/-12.96 | -12.94/-14.13 | -17.92/-18.81 | -19.05/-17.63 |
| Θ(142.5°) | -10.36/-8.86 | -7.23/-10.63 | -16.86/-15 | -16.28/-19.21 | -18.32/-17.8 | -18.49/-18.17 | -19.63/-14.3 | -17.77/-18.24 | -16.59/-14.95 | -17.39/-18.28 | -19.16/-18.44 | -18.97/-18.17 | -18.17/-14.98 | -15.08/-17.82 | -18.87/-18.4 | -17.99/-18.13 | -17.13/-9.24 | -7.41/-9.16 | -13.59/-14.25 | -17.05/-18.65 | -16.56/-12.87 | -14.76/-17.79 | -17.34/-14.91 | -16.82/-12.68 |
| Θ(150°) | -8.42/-9.36 | -8.11/-9.48 | -16.58/-16.86 | -17.33/-18.98 | -18.92/-18.83 | -17.76/-16.55 | -15.6/-16.83 | -16.5/-17.71 | -18.82/-18.91 | -17.45/-18.92 | -18.65/-18.17 | -17.66/-19.04 | -18.71/-17.2 | -15.67/-14.69 | -14.94/-16.89 | -15.1/-13.74 | -13.52/-9.45 | -8.33/-10.93 | -14.76/-15.59 | -19.82/-17.96 | -15.51/-15.26 | -18.79/-18.01 | -17.4/-15.64 | -10.2/-7.39 |
| Θ(157.5°) | -15.81/-16.74 | -15.36/-15.19 | -14.53/-15.82 | -17.49/-19.67 | -19/-17.67 | -18.39/-18.06 | -15.08/-14.46 | -16.04/-18.81 | -17.63/-17.67 | -18.63/-18.52 | -18.22/-18.72 | -18.92/-17.44 | -19.17/-19.32 | -18.02/-17.28 | -13.94/-11.41 | -9.75/-10.65 | -15.16/-17.97 | -18.68/-17.5 | -19.07/-14.51 | -14.04/-17.01 | -18/-17.81 | -18.85/-19.17 | -18.13/-17.86 | -14.48/-13 |
| Θ(165°) | -17.84/-18.11 | -18.79/-17.97 | -18.82/-19.04 | -18.22/-18.61 | -19.17/-18.55 | -19.24/-18.72 | -18.64/-19.35 | -18.43/-17.42 | -18.19/-17.86 | -19.25/-18.14 | -17.8/-18.48 | -18.17/-18.16 | -19.06/-17.78 | -17.21/-16.86 | -13.65/-13.3 | -15.14/-16.6 | -16.72/-18.23 | -17.48/-19.03 | -17.88/-18.42 | -18.7/-17.92 | -18.59/-18.96 | -19.09/-19.17 | -18.48/-18.16 | -18.08/-15.97 |
| Θ(172.5°) | -16.1/-16.01 | -17/-18.59 | -19/-17.75 | -19.24/-18.31 | -15.84/-15.94 | -16.99/-16.03 | -16.55/-18.06 | -17.82/-18.9 | -18.94/-17.9 | -17.63/-17.86 | -18.86/-18.49 | -18.11/-18.25 | -17.67/-14.87 | -12.43/-11.27 | -11.5/-12.81 | -15.2/-18.14 | -18.9/-19.1 | -18.68/-18.69 | -18.71/-18.3 | -18.67/-18.13 | -16.51/-15.92 | -15.14/-14.41 | -15.31/-15.73 | -15.02/-13.65 |
| Θ(180°) | -17.66/-19.39 | -18.84/-16.66 | -14.85/-14.59 | -14.57/-14.68 | -16.4/-17.84 | -16.73/-15.46 | -15.05/-18.03 | -17.27/-19.01 | -18.64/-19.23 | -18.82/-18.04 | -18.54/-18.63 | -17.3/-15.68 | -15.22/-16.2 | -16.13/-14.98 | -13.79/-13.83 | -16.21/-19.19 | -18.39/-16.71 | -15.04/-18.34 | -18.51/-17.84 | -18.13/-18.12 | -18.07/-18.08 | -17.56/-18.57 | -17.42/-18.87 | -18.12/-17.65 |
| Freq(Hz) | 5.3G/Pol. | Phi/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°) | -2.51/-2.22 | -2.32/-2.4 | -2.63/-2.99 | -3.82/-5.05 | -6.22/-7.27 | -7.67/-8.26 | -9.59/-10.65 | -10.73/-10.47 | -10.87/-10.57 | -9.82/-9.21 | -9.34/-9.42 | -9.01/-8.3 | -7.09/-5.7 | -4.44/-3.36 | -2.93/-2.93 | -2.87/-3.26 | -4.64/-5.74 | -7.36/-8.78 | -10.44/-10.97 | -10.55/-8.46 | -6.23/-4.51 | -3.27/-1.96 | -0.89/0 | 0.53/0.5 |
| Θ(7.5°) | -14.09/-17.26 | -18.39/-18.81 | -18.82/-17.43 | -15.34/-14.53 | -13.88/-11.33 | -9.36/-8.72 | -9.38/-10.4 | -10.26/-9.49 | -8.33/-6.08 | -4.03/-2.54 | -1.57/-0.48 | 0.36/0.78 | 0.94/1.01 | 0.98/1 | 0.96/0.55 | -0.4/-2.03 | -3.71/-4.64 | -5.85/-7.51 | -9.61/-11.85 | -13.12/-12.89 | -11.55/-10.33 | -9.23/-8.22 | -6.93/-5.8 | -5.33/-5.65 |
| Θ(15°) | -4.86/-5.83 | -8.2/-11.54 | -13.95/-13.11 | -12.15/-12.78 | -14.53/-17.31 | -17.72/-14.08 | -11.88/-11.08 | -10.41/-7.98 | -6.03/-4.49 | -2.88/-1.32 | -0.15/0.88 | 1.52/1.87 | 1.96/1.84 | 1.72/1.75 | 1.73/1.09 | -0.03/-1.84 | -3.91/-5.66 | -6.7/-8.57 | -10.38/-11.1 | -11.22/-10.29 | -9.25/-8.42 | -7.39/-6.28 | -5.74/-5.91 | -6.07/-7.21 |
| Θ(22.5°) | -3.37/-4.41 | -5.84/-6.81 | -8.11/-10.86 | -13.07/-11.51 | -10.7/-10.42 | -11.96/-14.95 | -16.29/-13.42 | -10.99/-7.59 | -5.22/-4.1 | -3/-1.69 | -0.43/0.89 | 1.66/1.72 | 1.21/0.2 | -0.25/-0.48 | -0.49/-1.06 | -2.36/-4.4 | -7.57/-9.72 | -11.74/-15.45 | -16.29/-13.1 | -10.1/-7.26 | -5.51/-4.38 | -3.37/-1.89 | -0.78/-0.72 | -1.11/-2.24 |
| Θ(30°) | -2.34/-2.27 | -2.02/-1.79 | -2/-2.23 | -3.04/-4.98 | -6.49/-7.63 | -9.64/-16.1 | -18.95/-14.7 | -10.85/-8.43 | -5.42/-3.72 | -2.95/-2.73 | -2.1/-0.29 | 1.23/1.64 | 1.47/0.68 | -0.36/-1.45 | -2.47/-3.4 | -3.86/-7.17 | -13.52/-17.78 | -18/-18.73 | -17.96/-15.54 | -10.49/-7.39 | -5.42/-4.29 | -3.75/-2.5 | -1.1/-0.49 | -0.83/-1.94 |
| Θ(37.5°) | 2.05/2.53 | 3.59/4.53 | 4.57/3.88 | 3.1/1.69 | -0.34/-3.37 | -6.74/-12.62 | -11.24/-7.05 | -5.92/-6.62 | -5.19/-3 | -1.31/-1.16 | -0.42/1.68 | 3.18/3.69 | 3.48/2.57 | 1.13/-0.49 | -2.35/-3.77 | -4.96/-7.14 | -13.28/-17.66 | -13.18/-11.8 | -17.21/-18.38 | -14.9/-11.06 | -8.1/-6.4 | -5.82/-3.89 | -1.85/-1.4 | -1.77/-1.9 |
| Θ(45°) | 4.35/4.35 | 5.05/5.89 | 5.91/5.09 | 4.15/2.97 | 1.6/-0.61 | -3.68/-7.71 | -7.38/-3.18 | -1.86/-2.9 | -3.81/-2.4 | -0.75/-0.46 | -0.56/1.17 | 3.31/4.11 | 4.02/3.11 | 1.69/-0.04 | -1.82/-2.56 | -3.34/-5.07 | -8.84/-11.19 | -11.13/-10.08 | -11.14/-13 | -13.55/-12.04 | -10.43/-8.93 | -7.23/-3.9 | -1.01/0.62 | 1.45/1.93 |
| Θ(52.5°) | 4.73/4.93 | 5.15/5.37 | 5.27/4.26 | 3.16/2.27 | 1.13/-1.41 | -5.15/-12.13 | -12.38/-5.14 | -1.75/-1.96 | -3.18/-2.23 | -1.55/-1.97 | -1.61/0.91 | 2.52/3.05 | 2.64/1.61 | 0.23/-0.8 | -1.4/-1.59 | -1.54/-2.82 | -5.96/-7.69 | -6.68/-6.52 | -7.78/-9.76 | -11.45/-11.27 | -9.66/-8.21 | -6.16/-3.53 | -1.58/0.08 | 2.07/3.77 |
| Θ(60°) | 3.6/4.19 | 3.7/3.52 | 3.62/3.21 | 1.97/1.05 | -1.01/-4.03 | -8.77/-15.66 | -12.64/-5.53 | -2.22/-2.53 | -4.49/-3.09 | -2.2/-2.72 | -2.91/0.1 | 1.76/2.07 | 1.65/0.96 | 0.25/-0.11 | -0.32/-0.91 | -1.02/-2.08 | -4.17/-5.28 | -5.67/-6.93 | -7.24/-6.76 | -6.03/-5.45 | -4.53/-3.91 | -3.48/-3.57 | -3.06/-1.11 | 1.16/3.24 |
| Θ(67.5°) | 1.8/0.82 | -0.37/1.36 | 3.26/1.84 | -0.96/-1.45 | -2.13/-4.97 | -10.04/-14.08 | -12.57/-6.6 | -2.95/-2 | -5.3/-5.35 | -2.55/-1.8 | -0.66/0.77 | 0.57/-0.03 | -0.48/-0.7 | -0.78/-0.49 | -0.81/-1.79 | -1.86/-2.19 | -3.93/-4.16 | -5.4/-7.5 | -7.86/-6.73 | -5.41/-3.9 | -2.06/-0.89 | -0.43/-1.6 | -3.15/-2.39 | -0.41/1.47 |
| Θ(75°) | -0.42/-3.28 | -4.11/1.01 | 2.92/0.71 | -2.83/-2.52 | -0.8/-2.53 | -7.94/-18.04 | -18.01/-9.98 | -5.9/-3.04 | -4.08/-5.93 | -3.19/-1.38 | 0.04/1.2 | 1.12/0.82 | 0.32/-0.56 | -1.04/-1.11 | -1.3/-2.57 | -2.35/-2.26 | -3.61/-3.37 | -4.68/-8.66 | -9.03/-8.36 | -7.75/-3.61 | -1.64/0.02 | 0.71/-0.65 | -2.94/-3.65 | -2.69/-0.77 |
| Θ(82.5°) | -2.36/-6.19 | -6.07/-0.42 | 1.09/-2.44 | -4.07/-2.7 | -1.03/-5.11 | -13.32/-14.98 | -14.44/-7.26 | -3.41/-5.95 | -6.21/-4.61 | -1.94/0.27 | 1.79/1.31 | -0.26/-0.32 | -0.38/-1.08 | -1.88/-2.18 | -3.1/-4.29 | -3.73/-2.41 | -3.39/-3.34 | -5.63/-8.88 | -8.94/-8.88 | -10.25/-5.58 | -2.32/0.05 | 0.79/-0.09 | -1.21/-2.65 | -4.16/-2.74 |
| Θ(90°) | -4.28/-5.23 | -4.13/-0.44 | 0.28/-2.91 | -4.44/-3.48 | -4.28/-9.99 | -8.98/-13.1 | -14.67/-12.14 | -5.96/-3.83 | -8.22/-3.55 | -2.19/-0.49 | 1.56/1.58 | -0.33/-0.22 | 0.38/-0.99 | -2.33/-2.93 | -3.85/-5.07 | -3.73/-3.37 | -4.83/-4.36 | -5.27/-10.34 | -10.24/-10.01 | -18.24/-8.38 | -4.51/-1.18 | 0.28/-0.29 | -0.81/-2.19 | -4.75/-3.73 |
| Θ(97.5°) | -7.16/-3.44 | -5.32/-3.61 | -2.49/-3.63 | -5.1/-6.74 | -7.39/-6.83 | -10.79/-13.65 | -12.52/-13.57 | -8.75/-5.07 | -7.99/-3.98 | -1.19/-0.49 | 0.23/0.44 | -0.72/-0.79 | 0.07/-0.44 | -2.9/-4.99 | -6.47/-5.07 | -3.82/-5.86 | -6.38/-6.05 | -6.61/-10.79 | -15.41/-16.77 | -19.03/-12.94 | -6.13/-2.52 | -1.47/-1.58 | -1.43/-2.36 | -4.54/-5.39 |
| Θ(105°) | -9.46/-2.91 | -6.12/-6.94 | -3.43/-3.82 | -7.33/-10.7 | -8.19/-6.34 | -11.99/-12.13 | -12.44/-13.67 | -11.64/-7.76 | -9.05/-6.26 | -1.61/-0.78 | -0.76/-0.44 | -0.76/-0.59 | -0.32/-2.1 | -4.81/-6.13 | -7.33/-6.96 | -4.62/-5.25 | -8.22/-10.79 | -9.47/-11.53 | -11.79/-17.48 | -14.43/-9.85 | -9.88/-5.15 | -2.85/-3.14 | -3.56/-3.97 | -8.08/-10.25 |
| Θ(112.5°) | -10.78/-7.29 | -8.71/-8.68 | -5.22/-6.33 | -11.4/-13.7 | -9.99/-6.31 | -13.23/-13.61 | -13.68/-15.89 | -12.23/-10.87 | -8.42/-5.16 | -3.13/-1.35 | -1.93/-2.28 | -0.83/-1.28 | -3.21/-4.68 | -5.83/-8.08 | -12.44/-8.76 | -6.89/-8.49 | -10.5/-12.9 | -13.67/-13.15 | -11.89/-18.47 | -13.62/-9.06 | -7.91/-6.11 | -5.7/-6.85 | -6.25/-4.52 | -6.24/-10.94 |
| Θ(120°) | -6.56/-9.96 | -16.82/-13.36 | -7.59/-5.19 | -8.08/-13.17 | -13.57/-10.72 | -9.53/-11.15 | -17.93/-13.54 | -12.54/-10.82 | -7.9/-7.1 | -4.26/-2.32 | -2.9/-4.03 | -3.05/-3.29 | -5.08/-5.98 | -6.56/-9.84 | -16.44/-12.64 | -10.7/-9.87 | -10.08/-11.46 | -13.87/-11.67 | -12.59/-16.59 | -12.29/-8.94 | -7.62/-8.39 | -9.01/-7.49 | -7.15/-8.36 | -7.82/-8.7 |
| Θ(127.5°) | -6.58/-10.84 | -19.36/-14.23 | -11.08/-8.89 | -6.36/-8.44 | -18.24/-17.78 | -13.41/-17.44 | -18.57/-15.8 | -16.2/-10.96 | -7.07/-7.24 | -5.17/-4.33 | -5.13/-5.52 | -4.24/-5.85 | -9.74/-8.15 | -5.84/-8.46 | -17.56/-15.01 | -15.01/-13.73 | -13.13/-19.21 | -12.62/-9.61 | -11.51/-17.95 | -15.18/-9 | -6.59/-6.38 | -6.5/-7.76 | -10.89/-12.72 | -13.15/-9.5 |
| Θ(135°) | -7.83/-10.77 | -16.82/-18.12 | -12.87/-9.96 | -9/-8.2 | -9.79/-11.51 | -16.52/-19.26 | -18.37/-19.25 | -17.36/-9.72 | -9.15/-8.67 | -7.33/-7.6 | -7.48/-7.13 | -5.54/-5.12 | -6.12/-7.35 | -7.83/-8.37 | -13.06/-18.49 | -15.11/-16.04 | -18.82/-18.63 | -12.42/-11.14 | -14.7/-18.82 | -12.35/-8.37 | -8.27/-7.63 | -6.5/-6.62 | -11.68/-17.19 | -12.75/-10.08 |
| Θ(142.5°) | -9.08/-10.6 | -11.69/-14.28 | -17.46/-17.77 | -15.15/-13.95 | -12.82/-11.97 | -11.7/-15.4 | -17.91/-19.28 | -15.93/-13.13 | -14.24/-15.56 | -12.95/-10.06 | -9.92/-11.35 | -11.65/-13.44 | -8.48/-7.12 | -8.92/-13.77 | -16.35/-12.82 | -19.07/-18.17 | -18.19/-16.84 | -16.49/-18.13 | -18.82/-17.19 | -13.69/-11.13 | -10.45/-8.53 | -7.7/-9.75 | -12.33/-12 | -14.1/-10.27 |
| Θ(150°) | -11.08/-15.17 | -13.37/-12.76 | -13.62/-14.25 | -16.21/-14.78 | -13.61/-15.14 | -16.26/-18.18 | -18.37/-17.47 | -16/-15.2 | -14.65/-13.14 | -11.18/-10.97 | -11.52/-12.73 | -15.05/-14.68 | -12.18/-12.46 | -13.6/-13.43 | -13.22/-16.34 | -18.83/-19.11 | -18.57/-19.08 | -18.42/-18.85 | -18.59/-19.15 | -17.79/-14.05 | -10.99/-10.6 | -13.58/-18.25 | -15.51/-12.08 | -11.36/-8.59 |
| Θ(157.5°) | -18.26/-18.31 | -15.29/-13.41 | -14.39/-15.01 | -15.01/-15.51 | -15.08/-15.19 | -16.16/-18.27 | -18.66/-17.87 | -15.16/-13.14 | -14.01/-13.67 | -12.45/-11.47 | -12.18/-12.19 | -12.18/-12.65 | -13.24/-13.26 | -14.76/-17 | -18.41/-16.78 | -15.6/-18.68 | -18.38/-18.57 | -18.91/-18.29 | -19.04/-18.7 | -18.06/-19.13 | -16.67/-15.92 | -14.41/-14.34 | -15.99/-16.99 | -16.98/-16.68 |
| Θ(165°) | -17.8/-17.73 | -15/-16.15 | -18.92/-18.47 | -18.66/-18.3 | -18.37/-17.96 | -18.09/-17.64 | -18.7/-18.96 | -14.85/-12.59 | -10.54/-9.55 | -9.08/-8.81 | -9.17/-10.18 | -10.63/-12.08 | -16.09/-19.01 | -18.33/-17.06 | -17.87/-18.55 | -17.66/-18.72 | -19.25/-18.83 | -18.34/-18.9 | -18.22/-19.24 | -19.24/-17.15 | -13.33/-11.9 | -12.84/-15.59 | -18.05/-17.86 | -17.23/-18.84 |
| Θ(172.5°) | -18.9/-18.81 | -15.26/-13.47 | -14.89/-18.15 | -19.8/-18.35 | -18.94/-18.36 | -18.35/-18.63 | -17.88/-18.52 | -18.81/-17.44 | -18.61/-18.48 | -18.16/-17.44 | -16.8/-18.72 | -18.47/-17.2 | -14.55/-13 | -12.31/-13.19 | -15.55/-19.22 | -17.46/-17.35 | -17.5/-17.73 | -19.46/-17.93 | -19.25/-18.23 | -18.84/-18.2 | -19.61/-18.99 | -18.43/-19.3 | -17.33/-18.73 | -17.45/-17.89 |
| Θ(180°) | -18.19/-18.34 | -18.12/-16.68 | -17.56/-17.82 | -18.45/-17.83 | -18.57/-17.22 | -18.67/-18.25 | -18.17/-16.53 | -15.59/-14.71 | -14.29/-12.85 | -12.47/-12.12 | -12.63/-13.85 | -15.11/-15.41 | -15.45/-16.53 | -17.17/-18.78 | -18.72/-19.25 | -18.49/-19.02 | -18.4/-17.63 | -17.72/-18.3 | -19.58/-19.05 | -18.99/-17.11 | -18.24/-17.33 | -17.89/-18.59 | -19.15/-18.3 | -17.48/-18.43 |
| Freq(Hz) | 5.3G/Pol. | Theta/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°) | -10.36/-11.55 | -11.83/-11.61 | -10.79/-9.33 | -7.78/-7.42 | -7.36/-6.96 | -6.37/-6.58 | -7.62/-7.97 | -9.23/-9.94 | -10.21/-10.61 | -10.77/-10.28 | -9.99/-9.26 | -8.82/-8.98 | -9.53/-10.57 | -11.7/-12.5 | -12.44/-9.37 | -6.19/-4.16 | -3.45/-2.92 | -2.37/-1.61 | -1.32/-0.87 | -0.84/-0.77 | -0.78/-1.2 | -1.84/-2.59 | -3.44/-4.75 | -6.59/-8.74 |
| Θ(7.5°) | -8.98/-8.68 | -8.42/-7.98 | -7.99/-8.43 | -8.24/-7.92 | -7.98/-8.44 | -8.13/-6.82 | -6.63/-5.72 | -5.21/-4.74 | -4.03/-4.04 | -4.27/-4.43 | -4.73/-5.27 | -6.57/-8.06 | -10.77/-13.47 | -12.89/-11.23 | -10.08/-8.3 | -5.19/-2.79 | -1.75/-2.04 | -2.66/-3.36 | -3.18/-2.96 | -2.94/-3.44 | -4.12/-4.97 | -5.84/-6.7 | -7.64/-8.97 | -9.63/-9.41 |
| Θ(15°) | -9.45/-8.24 | -7.43/-6.68 | -6.05/-5.82 | -6.34/-5.89 | -4.52/-3.42 | -3.39/-2.56 | -2.81/-2.97 | -2.93/-3.08 | -2.51/-2.45 | -3.1/-3.78 | -4.41/-5.36 | -6.9/-8.27 | -10.32/-12.42 | -11.74/-10.66 | -9.81/-8.7 | -6.8/-4.64 | -3.22/-3.42 | -4.04/-4.53 | -4.66/-5.13 | -5.91/-7.21 | -8.4/-9.78 | -11.6/-13.85 | -16.09/-17.67 | -16.4/-11.59 |
| Θ(22.5°) | -7.18/-6.18 | -5.86/-5.09 | -3.74/-2.42 | -2.25/-2.98 | -3.18/-1.89 | -1.09/-0.38 | 0/-0.06 | -0.47/-1.09 | -1.25/-1.2 | -1.71/-2.41 | -3.84/-5.53 | -7.95/-9.64 | -10.68/-12.24 | -15.35/-18.95 | -15.35/-10.68 | -7.12/-4.95 | -4.06/-4.11 | -4.86/-5.05 | -4.86/-4.42 | -4.69/-4.66 | -4.66/-5.22 | -6.19/-7.48 | -9.55/-15.98 | -18.14/-10.84 |
| Θ(30°) | -5.94/-4.23 | -3.32/-3.08 | -2.71/-1.77 | -0.98/-0.94 | -0.76/0.08 | 1.24/2.21 | 2.28/1.7 | 0.68/-0.88 | -1.99/-1.44 | -0.83/-0.73 | -1.59/-3.78 | -6.34/-8.51 | -9.62/-11.18 | -17.79/-18.57 | -12.87/-9.05 | -6.63/-5.07 | -4.28/-4.49 | -5.28/-5.26 | -4.33/-3.13 | -2.73/-2.88 | -3.48/-4.9 | -6.27/-7.21 | -8.55/-12.05 | -18.43/-11.3 |
| Θ(37.5°) | -5.12/-4.35 | -4.48/-5.48 | -4.88/-3.03 | -1.16/0.44 | 1.59/2.46 | 3.05/3.79 | 3.93/3.11 | 1.81/0.02 | -1.46/-1.76 | -0.87/-0.65 | -1.38/-3.58 | -6.63/-7.99 | -9.12/-13.79 | -19.51/-9.77 | -6.76/-6.47 | -6.15/-5.03 | -5.17/-5.36 | -5.27/-4.73 | -3.87/-2.95 | -2.98/-4.06 | -5.78/-7.92 | -8.48/-8.51 | -9.99/-13.61 | -14.05/-8.03 |
| Θ(45°) | -5.19/-5.25 | -6.39/-7.41 | -6.05/-3.76 | -2.71/-1.14 | 0.73/2.11 | 2.94/3.54 | 3.88/3.24 | 1.9/0.63 | -0.49/-0.87 | -1.64/-1.81 | -1.72/-3.16 | -6.29/-9.71 | -11.64/-14.94 | -16.42/-10.93 | -7.65/-7.61 | -8.19/-6.23 | -5.18/-4.61 | -4.22/-3.33 | -2.79/-2.09 | -2.08/-3.24 | -5.04/-6.11 | -5.7/-5.26 | -5.86/-7.96 | -9.12/-6.84 |
| Θ(52.5°) | -6.71/-8.53 | -14.46/-16.77 | -12.16/-9.15 | -6.08/-2.87 | -0.45/1.15 | 2.32/3.05 | 3.3/2.73 | 1.19/-0.05 | -0.36/-0.7 | -2.89/-6.06 | -5.13/-5.19 | -7.01/-10.58 | -16.06/-18.86 | -13.14/-10.75 | -9.19/-8.96 | -10.34/-7.28 | -4.03/-3.74 | -4.56/-3.41 | -1.77/-1.17 | -1.75/-2.83 | -4.02/-4.98 | -3.81/-2.81 | -3.84/-6.33 | -8.32/-7.13 |
| Θ(60°) | -8.56/-13.86 | -17.92/-18.15 | -19.02/-16.16 | -7.63/-3.04 | -1.94/-1.37 | -0.64/0.39 | 1.46/1.72 | 0.83/-1.02 | -2.12/-2.71 | -4.39/-8.51 | -8.2/-6.91 | -7.55/-10.46 | -17.32/-17.38 | -14.12/-13.22 | -11.17/-9.03 | -9.3/-7.01 | -3.62/-3.7 | -3.99/-2.92 | -1.63/-1.12 | -1.41/-2.11 | -3.76/-5.05 | -3.44/-2.68 | -4.08/-6.63 | -8.27/-7.32 |
| Θ(67.5°) | -11.48/-17.31 | -17.58/-13.46 | -10.61/-10.71 | -5.59/-3.19 | -3.63/-4.27 | -4.36/-3.31 | -1.68/-1.13 | -1.94/-4.2 | -4.71/-4.03 | -5.75/-8.99 | -9.29/-7.95 | -8.94/-13.26 | -18.02/-16.03 | -17.5/-14.67 | -15.61/-11.16 | -10.37/-8.7 | -6.14/-6.25 | -2.87/-1.03 | -0.87/-1.4 | -2.26/-2.07 | -3.4/-4.39 | -2.47/-2.11 | -4.83/-9.69 | -12.06/-9.97 |
| Θ(75°) | -16.6/-17.72 | -15.99/-12.7 | -8.8/-8.05 | -6.09/-3.79 | -3.03/-2.45 | -1.29/-0.69 | -0.21/-1.24 | -4.32/-9.36 | -7.97/-5.78 | -6.5/-9.13 | -8.84/-8.51 | -8.98/-12.18 | -18.5/-13.98 | -16.26/-19.35 | -16.61/-12.56 | -13.65/-13.98 | -11.09/-8.34 | -2.06/0.12 | -0.49/-1.72 | -2.63/-2.2 | -4.99/-5.99 | -3.48/-3.51 | -6.35/-9.97 | -12.36/-11.13 |
| Θ(82.5°) | -16.74/-18.02 | -17.89/-12.61 | -10.12/-6.56 | -6.08/-4.54 | -3.26/-3.75 | -4.26/-4.64 | -4.04/-2.95 | -4.94/-10.39 | -10.89/-7.4 | -9.5/-12.23 | -8.45/-10.79 | -10.55/-12.24 | -16.36/-11.48 | -13.22/-18.34 | -16.97/-14.07 | -18.97/-17.67 | -12.91/-6.41 | -2.05/-0.66 | -1.22/-2.92 | -3.09/-2.25 | -4.48/-4.91 | -3.25/-4.76 | -9.45/-13.72 | -17.2/-13.29 |
| Θ(90°) | -17.2/-17.42 | -15.9/-11.75 | -16.1/-6.15 | -5.72/-6.75 | -5.89/-5.07 | -4.33/-5.3 | -6.77/-6.69 | -7.74/-11.07 | -14.91/-12.6 | -10.63/-17.45 | -12.7/-11.47 | -12.36/-11.62 | -14.36/-10.86 | -11.74/-18.61 | -17.85/-17.5 | -17.92/-15.34 | -9.8/-6.21 | -3.36/-2.47 | -3.44/-3.5 | -3.43/-1.82 | -4.26/-3.98 | -3.33/-7.34 | -12.74/-15.64 | -17.87/-17.06 |
| Θ(97.5°) | -17.83/-18.2 | -14.61/-9.86 | -16.22/-9.09 | -11.53/-11.97 | -8.78/-5.06 | -5.16/-7.06 | -9.42/-9.09 | -10.29/-16.55 | -17.9/-15.46 | -13.37/-16.53 | -13.44/-14.1 | -17.61/-14.54 | -12.89/-10.41 | -11.46/-11.89 | -18.75/-18.58 | -15.36/-8.65 | -6.12/-5.98 | -6.25/-6.19 | -5.76/-4.26 | -3.56/-2.72 | -4.49/-2.64 | -2.79/-7.34 | -10.26/-13.55 | -18.32/-18.6 |
| Θ(105°) | -19.21/-19 | -11.38/-8.33 | -18.79/-13.44 | -17.86/-16.91 | -9.06/-8.54 | -11.14/-10.87 | -13.08/-13.18 | -10.2/-14.39 | -19.41/-16.11 | -18.9/-16.87 | -15.53/-16.92 | -16.38/-15.22 | -13.68/-12.92 | -17.37/-15.48 | -18.4/-18.27 | -16.67/-9.66 | -7.86/-8.7 | -8.65/-9.51 | -6.25/-5.6 | -3.31/-3.46 | -6.49/-4.08 | -4.57/-8.74 | -10.95/-18.89 | -19.08/-18.45 |
| Θ(112.5°) | -18.19/-18.91 | -13.77/-11.72 | -13.66/-14.78 | -14.72/-18.75 | -10.62/-16.85 | -13.48/-11.57 | -18.81/-16.78 | -11.32/-14.38 | -18.95/-17.95 | -18.74/-15.92 | -18.2/-18.79 | -13.21/-11.49 | -12.53/-13.74 | -12.93/-16.47 | -17.65/-19.27 | -18.83/-13.15 | -14.26/-10.91 | -9/-7.7 | -7.65/-7.38 | -5.6/-6.95 | -6.51/-6.4 | -9.23/-9.98 | -12.19/-18.23 | -19.15/-18.17 |
| Θ(120°) | -17.28/-17.19 | -9.04/-13.45 | -16.28/-15.5 | -13.62/-14.98 | -18.16/-16.55 | -18.16/-17.13 | -18.74/-15.7 | -13.2/-15.17 | -18.14/-18.49 | -18.27/-16.13 | -19.16/-18.82 | -18.38/-13.77 | -14.81/-13.01 | -10.9/-12.01 | -18.86/-18.32 | -13.14/-14.04 | -18.74/-16.06 | -11.95/-8.81 | -9.8/-8.48 | -7.4/-9.01 | -8.02/-9.36 | -13.06/-12.53 | -17.87/-17.4 | -19.1/-19.09 |
| Θ(127.5°) | -19.09/-17.82 | -13.81/-13.62 | -18.08/-17.5 | -18.18/-17.09 | -17.99/-13.61 | -13.82/-18.05 | -18.21/-18.02 | -13.18/-15.41 | -16.24/-16.58 | -17.33/-16.06 | -18.08/-18.37 | -18.27/-14.13 | -16.62/-16.64 | -12.78/-11.97 | -13.79/-13.01 | -17.66/-18.48 | -18.11/-15.94 | -12.03/-9.74 | -7.92/-7.02 | -8.67/-11.6 | -12.29/-14.1 | -12.89/-11.81 | -15.34/-16.53 | -16.96/-17.85 |
| Θ(135°) | -17.9/-14.45 | -15.11/-17.62 | -10.79/-18.73 | -19.11/-18.21 | -17.99/-18.8 | -18.15/-17.75 | -16.38/-14.77 | -14.25/-15.39 | -18.52/-14.14 | -16.92/-18.09 | -18.89/-18.36 | -18.3/-18.34 | -15.6/-15.09 | -14.13/-13.22 | -15.02/-17.32 | -14.78/-19.25 | -17.25/-13.17 | -9.49/-8.4 | -10.35/-11.8 | -12.15/-14.14 | -13.23/-12.05 | -12.71/-13.73 | -17.1/-18.44 | -16.99/-18.7 |
| Θ(142.5°) | -9.14/-7.95 | -6.32/-10.44 | -16.59/-15.16 | -18.92/-18.15 | -18.52/-18.83 | -19.05/-17.32 | -17.82/-15.2 | -18.79/-18.04 | -16.08/-14.18 | -18.06/-18.43 | -18.76/-17.52 | -18.97/-17.97 | -14.44/-12.33 | -12.99/-16.35 | -19.05/-16.7 | -18.68/-18.94 | -18.78/-11.7 | -7.59/-8.47 | -15.61/-15.96 | -16.83/-18.06 | -17.71/-12.41 | -12.09/-19.29 | -18.29/-14.76 | -19.52/-11.98 |
| Θ(150°) | -7.17/-8.88 | -6.66/-7.61 | -13.59/-12.3 | -14.06/-18.04 | -18.38/-18.51 | -18.88/-15.74 | -14.75/-17.4 | -16.98/-17.86 | -18.69/-18.5 | -17.88/-18.93 | -17.9/-19.14 | -18.82/-19.37 | -17.86/-16.15 | -17.53/-18.46 | -17.57/-18.61 | -17.59/-16.59 | -13.91/-10.06 | -8.2/-9.07 | -12.11/-13.65 | -18.75/-18.69 | -14.91/-14.02 | -16.37/-17.67 | -18.16/-16.57 | -9.43/-5.75 |
| Θ(157.5°) | -14.63/-16.03 | -14.39/-14.08 | -15.92/-18.37 | -18.54/-18.89 | -17.44/-18.98 | -19.03/-17.51 | -14.62/-14.34 | -16.55/-18.16 | -18.7/-18.17 | -17.6/-18.62 | -18.94/-18.9 | -19.2/-18.75 | -18.51/-17.61 | -18.25/-15.93 | -13.66/-11.2 | -9.82/-11.14 | -13.62/-16.26 | -15.17/-16.27 | -16.23/-13.29 | -12.9/-16.05 | -17.91/-19.12 | -18.98/-18.3 | -18.17/-18.47 | -12.85/-11.64 |
| Θ(165°) | -18.06/-17.92 | -19.23/-18.34 | -18.05/-19.35 | -18.82/-17.82 | -19.22/-18.56 | -18.74/-17.34 | -17.77/-19.29 | -19.03/-18.29 | -17.79/-18.99 | -18.33/-18.07 | -18.51/-18.96 | -18.74/-18.57 | -17.79/-18.86 | -17.96/-18.29 | -15.55/-13.02 | -11.97/-12.06 | -14.5/-15.76 | -18.32/-17.88 | -17.99/-17.4 | -17.86/-19.43 | -18.14/-19 | -17.46/-17.93 | -17.94/-18.5 | -16.82/-15.82 |
| Θ(172.5°) | -16.11/-16.15 | -16.1/-17.15 | -19.24/-17.87 | -18.99/-15.48 | -13.2/-14.09 | -17.91/-18.22 | -15.48/-18.15 | -18.71/-17.99 | -18.91/-19.36 | -18.58/-17.87 | -17.93/-19.05 | -18.4/-19.18 | -17.73/-16.8 | -15.13/-13.72 | -12.13/-11.52 | -12.6/-14.5 | -18.86/-18.88 | -18.24/-17.86 | -15.86/-15.62 | -14.83/-15.1 | -15.89/-16 | -16.76/-17.47 | -16.96/-15.85 | -14.18/-13.15 |
| Θ(180°) | -18.28/-18.31 | -18.35/-16.77 | -14.36/-13.57 | -14.1/-13.42 | -14.77/-16.56 | -15.41/-14.66 | -15.45/-18.01 | -18.36/-19.44 | -18.64/-18.38 | -19.06/-18.15 | -18.85/-17.75 | -18.52/-18.37 | -16.66/-16.68 | -16.86/-17.85 | -16.26/-14.17 | -13.76/-14.31 | -16.98/-18.2 | -19.2/-16.4 | -16.78/-18.23 | -18.28/-19.46 | -17.55/-17.65 | -18.6/-18.37 | -18.59/-18.05 | -17.85/-19.25 |
| Freq(Hz) | 5.6G/Pol. | Phi/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°) | 1.2/1.46 | 1.56/1.88 | 1.59/0.57 | -0.18/-0.84 | -1.69/-3.15 | -4.78/-7.12 | -10.2/-14.11 | -16.08/-12.39 | -9.29/-7.64 | -5.57/-4.07 | -2.68/-1.52 | -0.82/-0.24 | 0.29/0.7 | 0.78/0.99 | 0.89/0.68 | 0.27/-0.39 | -1.2/-2.6 | -4.19/-6.68 | -10/-13.36 | -13.65/-10.09 | -6.83/-4.35 | -2.51/-1.14 | -0.46/0.23 | 0.78/1.19 |
| Θ(7.5°) | -2.65/-2.65 | -2.87/-2.6 | -2.21/-2.89 | -3.81/-3.85 | -3.9/-4.44 | -5.04/-5.94 | -7.22/-9.09 | -9.17/-6.79 | -5.18/-3.44 | -2.07/-1 | 0.13/1.03 | 1.58/1.9 | 2.02/1.92 | 1.63/1.12 | 0.46/-0.25 | -0.99/-1.75 | -2.84/-5.04 | -7.86/-10.42 | -13.8/-18.28 | -18.07/-16.01 | -11.36/-7.99 | -5.54/-3.72 | -2.58/-2.11 | -1.57/-0.69 |
| Θ(15°) | -3.91/-5.05 | -6.15/-5.74 | -5.61/-6.29 | -8.01/-9.8 | -11.04/-12.26 | -13.13/-12.71 | -10.06/-9.4 | -9.62/-9.22 | -8.28/-5.68 | -3.81/-2.21 | -0.54/0.93 | 1.56/1.66 | 1.39/0.65 | -0.39/-1.14 | -1.64/-2.5 | -4.15/-5.72 | -6.63/-7.15 | -8.99/-14.13 | -18.13/-18.6 | -18.23/-14.9 | -12.17/-10.42 | -9.25/-8.41 | -7.46/-6.07 | -4.93/-4.34 |
| Θ(22.5°) | -3.8/-4.99 | -5.42/-5.81 | -6.33/-8.5 | -10.96/-12.13 | -12.41/-14.14 | -15.57/-17.47 | -18.89/-13.72 | -11.98/-11.66 | -12.08/-7.83 | -4.96/-2.12 | 0.38/1.82 | 2.51/2.31 | 1.79/0.8 | 0.07/-0.7 | -1.25/-1.72 | -2.6/-4.09 | -6.31/-8.96 | -10.83/-12.53 | -13.42/-14.18 | -12.94/-11.57 | -9.18/-7.6 | -6.32/-5.42 | -4.72/-3.42 | -2.67/-2.92 |
| Θ(30°) | -5.5/-5.47 | -6.23/-7.98 | -8.58/-9.03 | -8.13/-6.86 | -7.07/-8.75 | -11.3/-12.37 | -12.07/-11.65 | -11.07/-10.62 | -9.9/-8.43 | -6.17/-3.02 | -0.25/2.3 | 3.28/3.39 | 2.94/2.56 | 2.63/2.3 | 1.67/0.73 | -1.01/-3 | -6.31/-9.16 | -13.46/-18.48 | -16.86/-18.26 | -15.46/-10.33 | -6.74/-4.46 | -2.98/-2.7 | -2.48/-2.18 | -1.9/-2.87 |
| Θ(37.5°) | -1.29/-1 | -0.6/0.76 | 2.05/2.97 | 3.16/2.42 | 1.09/-1.32 | -4.55/-7.57 | -7.3/-5.88 | -6.38/-8.42 | -7.78/-5.88 | -4.35/-2.42 | 0.31/2.28 | 2.94/2.93 | 3.2/3.81 | 4.14/3.78 | 2.62/0.99 | -0.68/-3.1 | -7.73/-13.53 | -16.69/-18.5 | -16.57/-13.47 | -18.92/-11.49 | -6.37/-3.82 | -2.85/-3.03 | -3.32/-2.75 | -3.03/-4.04 |
| Θ(45°) | 2.14/2.17 | 2.69/4.14 | 5.19/5.39 | 4.88/3.91 | 2.34/0.29 | -3.15/-7.69 | -8.27/-5.91 | -4.63/-5.33 | -6.47/-5.81 | -4.89/-4.22 | -1.6/1.18 | 2.06/2.06 | 2.63/3.55 | 4.01/3.51 | 2.47/0.77 | -1.38/-3.37 | -7.18/-9.41 | -9.24/-12.88 | -18.95/-17.82 | -18.7/-12.83 | -9.54/-6.56 | -4.76/-4.75 | -3.41/-1.55 | -1.31/-1.28 |
| Θ(52.5°) | 3.46/3.66 | 4.74/5.78 | 5.77/4.73 | 3.73/2.7 | 1.23/-0.88 | -3.85/-7.55 | -8.39/-5.89 | -5.57/-5.93 | -5.73/-5.13 | -5.35/-5.27 | -2.04/-0.11 | 0.19/0.82 | 2/2.97 | 2.7/1.03 | -0.39/-1.21 | -1.93/-2.63 | -3.27/-3.92 | -6.68/-10.26 | -10.93/-14.48 | -16.41/-14.47 | -13.35/-12.56 | -11.27/-7.4 | -2.25/0.29 | 1.24/2.33 |
| Θ(60°) | 2.95/2.96 | 3.82/4.41 | 3.3/2.01 | 2.1/1.91 | -0.4/-3.77 | -7.78/-10.43 | -9.12/-5.72 | -4.54/-5.72 | -7.16/-5.95 | -5.12/-4.05 | -0.98/0.93 | 1.24/1.55 | 2.1/2.62 | 2.33/0.44 | -1.79/-2.26 | -1.16/-0.99 | -2.66/-4.46 | -4.97/-6.82 | -9.62/-14.2 | -16.02/-15.18 | -11.26/-7.56 | -6.26/-5.28 | -2.49/0.05 | 1.55/3.11 |
| Θ(67.5°) | 1.08/1.56 | 1.59/1.32 | 0.35/-1.16 | -0.84/-0.34 | -2.18/-5.21 | -9.12/-8.98 | -7.05/-4.8 | -3.62/-3.33 | -8.5/-5.16 | -2.02/-1.57 | 0.5/2.33 | 3.13/3.25 | 2.99/2.57 | 1.33/-1.47 | -3.92/-2.77 | -0.94/-0.85 | -3.47/-5.87 | -6.29/-9.31 | -10.24/-10.22 | -9.07/-7.31 | -4.52/-2.5 | -1.72/-2.19 | -2.8/-2.48 | -0.63/1.49 |
| Θ(75°) | 0.36/-0.12 | -1.04/-0.26 | 0.69/-0.28 | -1.17/-0.16 | -0.96/-4.85 | -10.64/-11.33 | -14.83/-16.04 | -9.54/-4.92 | -5.93/-6.54 | -0.37/0.21 | 0.92/2.31 | 3.39/3.77 | 3.09/2.66 | 1.59/-1.69 | -4.85/-3.05 | -1.31/-1.16 | -3.52/-5.14 | -6.66/-11.22 | -11.62/-8.39 | -6.99/-4.79 | -2.05/-0.75 | -0.31/-0.76 | -2.8/-4.18 | -2.51/-0.47 |
| Θ(82.5°) | -0.73/-1.94 | -3.82/-0.07 | 0.31/-2.7 | -1.42/0.21 | -1.27/-6.98 | -15.46/-16.47 | -13.26/-9.62 | -8.74/-9.12 | -5.96/-4.39 | -0.77/0.59 | 0.9/2.58 | 3.69/3.32 | 2.48/2.51 | 0.89/-3.69 | -7.31/-4.28 | -1.98/-1.08 | -5.11/-5.62 | -5.22/-10.41 | -12.09/-9.36 | -8.44/-4.77 | -2.31/-0.89 | 0.49/-0.34 | -3.78/-5.48 | -5.77/-3.17 |
| Θ(90°) | -2.35/-3.1 | -4.62/-0.5 | -0.01/-4.1 | -1.93/-1.22 | -3.81/-9.2 | -10.64/-14.64 | -15.16/-12.13 | -5.81/-6.56 | -8.92/-3.39 | -0.43/0.46 | 0.77/1.49 | 3.18/2.97 | 2.15/2.33 | 1.11/-4.4 | -8.07/-6 | -4.1/-2.15 | -4.1/-5.46 | -5.89/-9.91 | -12.04/-9.31 | -12.71/-8.54 | -4.81/-2.65 | -0.24/-1 | -3.2/-4.01 | -7.15/-5.64 |
| Θ(97.5°) | -4.3/-5.32 | -5.25/-1.99 | -2.35/-6.02 | -5.47/-4.13 | -6.37/-6.31 | -11.14/-19.03 | -16.27/-14.83 | -9.48/-4.63 | -11.15/-2.8 | -0.42/-0.32 | 0.42/0.98 | 1.54/1.07 | 0.66/1.05 | -0.28/-4.41 | -7.56/-8.95 | -5.3/-2.85 | -4.78/-6.62 | -6.29/-9.33 | -11.92/-14.51 | -19.12/-13.95 | -9.13/-3.44 | -0.98/-2.1 | -2.32/-4.63 | -9.14/-6.6 |
| Θ(105°) | -6.06/-7.28 | -6.95/-3.33 | -3.18/-7.34 | -6.44/-4.92 | -6.7/-5.73 | -16.2/-17.68 | -12.94/-17.54 | -13.51/-6.92 | -8.4/-4.44 | -1.57/-1.76 | -0.73/0.35 | 0.69/0.07 | 0.25/0.89 | -0.18/-3.56 | -7.63/-10.26 | -6.46/-4.67 | -5.26/-7.89 | -9.82/-9.69 | -12.65/-18.72 | -13.64/-8.78 | -9.36/-6.99 | -5.2/-3.85 | -3.08/-7.42 | -12.38/-5.29 |
| Θ(112.5°) | -7.24/-8 | -7.61/-5 | -5.03/-8.34 | -9.27/-6.66 | -5.63/-7.36 | -18.67/-15.12 | -12.71/-15.99 | -15.57/-6.81 | -6.01/-4.64 | -2.45/-3.02 | -3.36/-1.91 | -0.89/-0.22 | -0.46/-1.1 | -2.59/-5.62 | -10.81/-13.32 | -7.04/-5.6 | -6.79/-8.31 | -10.52/-11.95 | -18.04/-17.26 | -9.88/-7.14 | -9.47/-10.31 | -7.58/-4.94 | -5.06/-8.12 | -9.77/-5.8 |
| Θ(120°) | -6.17/-6.8 | -10.14/-7.31 | -6.6/-7.1 | -10.12/-10.64 | -7.5/-8 | -8.98/-15.37 | -19.11/-15.34 | -15.81/-7.2 | -5.07/-4.39 | -4.37/-4.68 | -5.17/-4.33 | -1.9/-0.68 | -1.47/-2.9 | -4.19/-6.36 | -15.83/-16.76 | -8.32/-7.16 | -6.33/-7.3 | -8.82/-11.43 | -16.39/-14.1 | -9.28/-7.17 | -8.4/-9.51 | -9.72/-9.05 | -9.45/-10.93 | -9.09/-6.46 |
| Θ(127.5°) | -9/-8.89 | -10.81/-10.75 | -10.75/-9.47 | -7.92/-11.48 | -11.71/-10.72 | -13.09/-19.33 | -14.83/-11.47 | -13.16/-9.16 | -7.84/-6.63 | -6.31/-6.07 | -6.16/-5.72 | -3.33/-2.87 | -4.2/-5.21 | -4.91/-6.17 | -13.62/-14.6 | -10.48/-11.1 | -8.36/-8.98 | -12.57/-14.14 | -11.79/-14.75 | -14.36/-11.6 | -7.63/-5.58 | -6.43/-8.95 | -10.07/-10.72 | -12.4/-13.47 |
| Θ(135°) | -9.53/-11.18 | -15.41/-14.06 | -12.29/-12.18 | -10.84/-8.65 | -13.06/-17.61 | -17.97/-19.03 | -15.29/-13.57 | -15.3/-9.49 | -10.19/-9.76 | -9.31/-10.25 | -9.13/-7.3 | -5.28/-5.29 | -7.03/-7.35 | -6.77/-7.92 | -13.38/-17.26 | -18.63/-15.99 | -15.25/-13.67 | -19.09/-17.81 | -16.64/-17.36 | -12.73/-9.62 | -8.94/-8.08 | -7.16/-7.03 | -9.94/-17.47 | -13.04/-11.64 |
| Θ(142.5°) | -8.22/-8.86 | -15.05/-18.12 | -17.76/-18.11 | -14.65/-14.71 | -12.86/-13.5 | -14.13/-14.06 | -14.4/-17.68 | -15.85/-11.63 | -14.56/-12.42 | -9.75/-9.77 | -8.04/-6.24 | -5.51/-6.11 | -8.75/-11.27 | -11.68/-12.33 | -18.02/-14.01 | -12.87/-18.27 | -18.52/-18.91 | -18.18/-19.22 | -18.65/-16.49 | -13.57/-10.22 | -9.2/-10.12 | -10.72/-14.78 | -18.92/-14.79 | -12.88/-10.73 |
| Θ(150°) | -8.54/-10.29 | -11.58/-14.19 | -15.61/-15.74 | -17.1/-17.09 | -17.97/-18.59 | -17.24/-18.33 | -17.85/-18.58 | -18.69/-16.39 | -17.34/-18.58 | -12.47/-10 | -11.03/-11.29 | -11.04/-9.88 | -8.84/-9.35 | -11.41/-12.67 | -11.06/-10.89 | -16.22/-13.48 | -11.49/-13.48 | -18.63/-17.96 | -18.7/-17.95 | -17.5/-16.55 | -11.65/-10.04 | -11.27/-17.14 | -15.27/-10.32 | -10.1/-8.78 |
| Θ(157.5°) | -17.43/-17.8 | -18.58/-17.81 | -16.42/-16.95 | -17.35/-18.6 | -17.74/-14.73 | -14.72/-17.83 | -18.12/-18.54 | -17.46/-19.16 | -17.12/-14.21 | -11.84/-14.12 | -17.76/-18.96 | -17.23/-19.26 | -17.02/-16.18 | -18.18/-17.31 | -15.22/-17.24 | -18.23/-15.52 | -16.13/-18.49 | -18.33/-17.25 | -18.78/-18.13 | -18.67/-17.55 | -16.06/-15.62 | -17.18/-18.1 | -17.2/-18.68 | -18.67/-15.32 |
| Θ(165°) | -19.09/-18.05 | -15.33/-14.68 | -16.23/-18 | -17.75/-17.5 | -18.57/-17.8 | -18.3/-17.79 | -18.07/-17.56 | -13.96/-12.76 | -13/-13.69 | -13.34/-12.23 | -12.1/-13.35 | -11.82/-11.23 | -10.5/-11.06 | -13.42/-17.92 | -18.79/-18.07 | -17.17/-14.94 | -15.51/-19.2 | -17.78/-18.18 | -19.12/-18.71 | -18.05/-19.25 | -18.1/-15.92 | -15.12/-16.06 | -17.18/-17.6 | -18.55/-18.46 |
| Θ(172.5°) | -17.37/-16.55 | -15.76/-17.14 | -19.09/-18.78 | -19.11/-18.95 | -17.34/-18.97 | -17.86/-17.09 | -15.96/-16.5 | -18.36/-19.01 | -18.12/-18.33 | -18.37/-18.21 | -18.11/-17.65 | -16.3/-18.24 | -19.15/-17.69 | -17.93/-18.4 | -19.02/-18.16 | -18.29/-18.51 | -17.94/-19 | -18.31/-19.21 | -17.51/-18.64 | -17.55/-17.85 | -18.1/-18.51 | -18.28/-18.75 | -17.8/-18.86 | -18.36/-18.29 |
| Θ(180°) | -18.42/-18.99 | -18.08/-17.4 | -18.13/-18.45 | -18.04/-17.41 | -18.08/-18.04 | -18.47/-18.28 | -15.57/-14.12 | -14.29/-14.93 | -14.64/-14.93 | -13.87/-13.49 | -13.37/-13.47 | -14.48/-16.98 | -18.33/-19.06 | -17.38/-17.52 | -18.93/-17.39 | -17.94/-17.48 | -18.64/-17.92 | -17.6/-18.2 | -18.94/-18.79 | -17.81/-17.26 | -17.89/-17.65 | -17.75/-19.28 | -18.78/-18.69 | -17.88/-18.41 |
| Freq(Hz) | 5.6G/Pol. | Theta/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°) | -9.37/-12.7 | -15.12/-13.22 | -11.03/-7.4 | -4.68/-3.33 | -2.4/-1.69 | -0.93/-0.34 | -0.29/-0.15 | -0.04/-0.15 | -0.53/-1.23 | -1.52/-2.04 | -2.87/-3.93 | -5.47/-7.16 | -9.12/-12.14 | -16.08/-14.06 | -9.83/-7.19 | -4.53/-2.59 | -1.07/-0.18 | 0.38/0.75 | 1.53/1.9 | 2.21/2.08 | 1.83/1.48 | 1.02/0.29 | -0.77/-2.44 | -4.55/-6.45 |
| Θ(7.5°) | -8.18/-8.5 | -9.3/-8.79 | -7.74/-7.38 | -5.93/-4.28 | -3.46/-2.42 | -1.62/-0.77 | -0.48/0.01 | 0.22/0.89 | 0.77/0.65 | 0.41/-0.06 | -0.8/-2.12 | -3.98/-6.36 | -9.66/-16.31 | -18.95/-15.11 | -9.99/-6.88 | -5.31/-4.37 | -2.54/-1.35 | -0.69/-0.69 | -0.81/-0.96 | -0.64/-0.59 | -0.68/-0.88 | -1.2/-1.65 | -2.2/-3.58 | -5.16/-5.97 |
| Θ(15°) | -8.74/-7.22 | -6.64/-6.89 | -7.02/-6.88 | -7.03/-5.79 | -4.84/-3.74 | -3.64/-3.52 | -4.27/-4.6 | -4.03/-3.14 | -2.19/-1.27 | -0.65/-0.42 | -0.91/-2 | -3.55/-5.92 | -8.88/-13.39 | -18.07/-18.31 | -12.66/-8.64 | -6.78/-4.73 | -2.76/-1.79 | -1.3/-0.96 | -1.29/-1.95 | -3.56/-4.65 | -5.72/-6.65 | -7.18/-7.21 | -7.39/-8.32 | -8.65/-8.32 |
| Θ(22.5°) | -10.54/-7.51 | -5.22/-3.79 | -2.96/-3.08 | -3.36/-3.3 | -3.25/-2.17 | -1.72/-1.76 | -2.68/-3.98 | -4.35/-4.16 | -3.18/-1.99 | -1.32/-1.1 | -1.85/-3.39 | -5.82/-9.37 | -14.06/-16.5 | -12.07/-8.35 | -5.45/-3.87 | -3.22/-2.13 | -0.76/-0.2 | -0.34/-0.73 | -0.89/-1.6 | -3.61/-5.84 | -7.42/-9.5 | -11.45/-11.24 | -10.95/-11.35 | -11.81/-11.64 |
| Θ(30°) | -9.87/-6.75 | -4.17/-2.25 | -1.43/-1.34 | -1.54/-0.91 | -0.8/-0.82 | -1.08/-1.89 | -3.23/-5.54 | -5.16/-3.43 | -1.76/-0.73 | -1.17/-1.57 | -2.9/-5.07 | -7.72/-11.04 | -18.16/-18.62 | -9.03/-5.12 | -3.14/-2.38 | -1.96/-1.14 | -1.02/-1.61 | -1.76/-1.59 | -2.14/-3.82 | -4.14/-3.83 | -4.5/-7.17 | -10.36/-11.22 | -11.44/-14.95 | -16.75/-12.75 |
| Θ(37.5°) | -9.4/-5.42 | -2.48/-1.14 | -1.22/-1.36 | -1.1/0.31 | 1.59/2.8 | 2.95/2.06 | 0.08/-3.4 | -8.03/-4.21 | -1.82/-0.53 | -1.06/-2.15 | -5.18/-11.4 | -12.89/-12.57 | -17.77/-14.43 | -8.12/-5.25 | -3.52/-2.61 | -2.53/-2.68 | -3.59/-4.6 | -4.13/-3.8 | -3.99/-3.02 | -2.55/-3.01 | -4.35/-5.93 | -8.31/-11.05 | -14.35/-18.03 | -17.81/-11.81 |
| Θ(45°) | -9.02/-5.57 | -3.42/-3.22 | -3.98/-3.08 | -0.76/1.81 | 2.79/3.77 | 4.14/3.45 | 1.8/-0.36 | -1.95/-2.33 | -2.84/-4.18 | -5.74/-4.84 | -5.16/-9.9 | -13.59/-9.39 | -11.82/-16.81 | -9.94/-7.33 | -5.74/-4.67 | -5.01/-6.11 | -6.75/-7.07 | -5.38/-3.48 | -2.2/-2.1 | -2.69/-3.12 | -4.88/-9.04 | -14.58/-18.35 | -19.03/-18.9 | -12.06/-9.88 |
| Θ(52.5°) | -9.02/-8.12 | -8.67/-10.97 | -10.58/-6.38 | -4.08/-1.53 | 0.15/1.91 | 2.88/3.36 | 2.56/0.42 | -1.69/-1.6 | -1.9/-4.18 | -9.85/-6.65 | -5.24/-11.24 | -14.3/-10.28 | -10.37/-14.68 | -12.96/-12.38 | -12.89/-8.64 | -6.44/-6.87 | -6.93/-5.76 | -2.51/-1.5 | -1.62/-1.17 | -1.68/-2.92 | -4.65/-10.47 | -17.44/-17.57 | -15.61/-10.61 | -7.43/-7.65 |
| Θ(60°) | -10.58/-11.78 | -15.57/-17.28 | -17.03/-12.06 | -12.71/-7.84 | -4.77/-1.52 | 0.48/1.9 | 2.12/0.93 | -1.61/-3.48 | -3.07/-2.3 | -7.03/-9.89 | -4.54/-7.66 | -17.14/-13.6 | -12.41/-13.84 | -18.02/-14.1 | -18.63/-12.68 | -8.83/-8.43 | -5.95/-4.05 | -2.91/-1.34 | -0.5/-0.26 | -1.45/-2.53 | -3.4/-8.14 | -13.02/-10.3 | -11.6/-9.88 | -7.06/-7.52 |
| Θ(67.5°) | -13.55/-18.74 | -11.45/-13.55 | -15.27/-17.04 | -10.09/-6.64 | -7.29/-6.94 | -4.8/-2.99 | -2.54/-3.55 | -4.38/-3.43 | -3.75/-2.02 | -4.46/-10.82 | -5.6/-7.14 | -15.55/-19.16 | -17.37/-16.45 | -19.09/-14.7 | -17.15/-12.64 | -9.9/-7.64 | -3.1/-2.29 | -3.6/-1.72 | 0/-0.15 | -2.53/-3.09 | -2.86/-5.59 | -6.18/-5.78 | -8.15/-7.88 | -7.34/-8.35 |
| Θ(75°) | -18.82/-18.69 | -10.02/-11.63 | -9.49/-10.75 | -6.21/-3.59 | -2.97/-2.91 | -2.3/-1.14 | -1.05/-4.18 | -14.32/-6.48 | -4.47/-2.55 | -3.61/-9.48 | -8.87/-8.11 | -13.31/-19.14 | -17.33/-16.55 | -17.21/-14.24 | -15.51/-13.29 | -9.8/-7.7 | -3.67/-2.72 | -4.64/-2.43 | -0.41/-0.81 | -3.55/-4.31 | -3.35/-4.36 | -4.98/-5.96 | -9.17/-8.43 | -8.9/-12.5 |
| Θ(82.5°) | -18.44/-18.54 | -11.1/-11.26 | -8.41/-6.93 | -5.47/-3.27 | -2.04/-3.61 | -6.13/-5.35 | -5.03/-7.24 | -8.79/-12.37 | -7.09/-3.79 | -5.68/-11.56 | -9.42/-11.47 | -14.34/-19.03 | -18.61/-13.07 | -12.8/-11.35 | -18.12/-15.45 | -12.16/-8.99 | -4.45/-5.42 | -6.52/-2.45 | -2.03/-2.39 | -4.7/-5.4 | -4.01/-4.23 | -5.07/-7.23 | -9.44/-9.26 | -8.37/-12.3 |
| Θ(90°) | -17.95/-19.32 | -13.24/-13.21 | -10.02/-5.61 | -7.14/-5.7 | -4.58/-6.4 | -7.42/-6.15 | -5/-6.92 | -15.25/-15.61 | -10.9/-6.24 | -7.77/-14.91 | -11.29/-15.34 | -18.76/-16.46 | -15.69/-14.54 | -13.28/-11.33 | -19.33/-19.23 | -12.94/-9.72 | -8/-10.89 | -7.28/-3.91 | -3.77/-3.56 | -5.06/-5.64 | -2.66/-4.59 | -6.89/-8.93 | -10.77/-12.81 | -13.49/-18.89 |
| Θ(97.5°) | -17.22/-18.73 | -12.95/-16.42 | -12.77/-8.3 | -11.93/-10.27 | -8.47/-6.86 | -7.59/-7.76 | -7.14/-8.29 | -13.2/-18.57 | -11.79/-10.8 | -11.37/-18.86 | -11.78/-18.37 | -18.55/-18.69 | -13.07/-13.2 | -12.68/-12.3 | -19.62/-16.24 | -16.4/-16.3 | -17.19/-14.65 | -8.12/-7.09 | -5.97/-5.18 | -7.34/-5.02 | -1.89/-5.58 | -7.45/-9.92 | -11.86/-17.34 | -19.15/-19.11 |
| Θ(105°) | -18.67/-18.61 | -10.71/-12.81 | -18.22/-9.06 | -16.79/-11.08 | -7.72/-9.22 | -11.65/-10.38 | -10.3/-11.46 | -15.02/-18.59 | -16.12/-12.68 | -12.99/-18.52 | -15.68/-18.58 | -17.35/-19.39 | -13.35/-13.82 | -15.47/-16.99 | -18.14/-18.3 | -17.96/-19.31 | -14.6/-10.5 | -10.29/-10.33 | -8.43/-4.56 | -7.42/-3.52 | -3.79/-7.87 | -7.58/-13.45 | -16.02/-19.05 | -18.47/-16.54 |
| Θ(112.5°) | -18.25/-19 | -11.01/-10.57 | -16.33/-14.2 | -18.27/-11.37 | -9.52/-10.51 | -13.87/-14.52 | -18.04/-18.03 | -15.87/-18.94 | -18.75/-16.86 | -18.36/-18.51 | -18/-18.15 | -11.5/-17.72 | -18.64/-15.27 | -12.62/-17.8 | -17.97/-18.98 | -17.44/-19.84 | -12.81/-10.82 | -13.18/-13.38 | -7.47/-6.2 | -7.73/-5.41 | -7.19/-7.74 | -11.06/-12.56 | -11.43/-18.32 | -17.52/-16.65 |
| Θ(120°) | -17.81/-18.88 | -12.85/-17.52 | -13.93/-12.95 | -11.71/-18.83 | -14.73/-14.15 | -18.02/-18.36 | -17.57/-18.66 | -14.87/-18.26 | -17.95/-19.02 | -18.85/-19.03 | -17.92/-19.15 | -13.66/-16.48 | -17.31/-18.17 | -12.17/-13.49 | -18.23/-18 | -17.67/-19.66 | -15.78/-13.49 | -14.27/-14.4 | -7.85/-8.06 | -7.66/-7.45 | -8.28/-10.14 | -17.82/-12.42 | -17.15/-17.52 | -15.93/-19.03 |
| Θ(127.5°) | -19.42/-16.78 | -15.86/-13.95 | -17.94/-18.75 | -17.94/-14.46 | -18.45/-13.34 | -16.1/-17.25 | -17.75/-17.38 | -15.17/-17.56 | -19.24/-14.48 | -18.75/-18.21 | -18.77/-16.01 | -14/-15.38 | -18.51/-18.3 | -13.75/-12.7 | -14.16/-13.61 | -13.75/-18.47 | -14.2/-11.88 | -12.99/-12.95 | -10.17/-7.09 | -6.04/-8.39 | -10.09/-14.02 | -11.79/-9.77 | -18.1/-13.57 | -14.1/-18.97 |
| Θ(135°) | -17.64/-14.33 | -16.53/-15.09 | -9.74/-18.98 | -15.98/-16.38 | -17.28/-18.48 | -18.07/-19.06 | -17.89/-18.31 | -19.37/-18.87 | -12.31/-13.15 | -18.95/-18.81 | -18.28/-17.29 | -18.06/-19.05 | -16.87/-14.72 | -13.55/-14.42 | -14.64/-17.97 | -16.03/-11.19 | -12.26/-13.97 | -14.05/-11.09 | -9.38/-9.8 | -9.4/-10.56 | -13.39/-10.9 | -7.37/-10.7 | -19.14/-17.53 | -17.77/-18.75 |
| Θ(142.5°) | -9.6/-8.97 | -5.88/-10.49 | -13.95/-16.14 | -17.85/-18.39 | -18.23/-18.96 | -17.92/-17.96 | -18.2/-17.97 | -17.81/-17.94 | -18.83/-16.88 | -19.11/-17.97 | -16.42/-18.08 | -18.75/-19.26 | -14.86/-13.86 | -16.32/-18.84 | -19.07/-18.5 | -19.06/-18.59 | -12.71/-15.5 | -11.91/-7.62 | -9.33/-16.43 | -18.7/-16.34 | -19.07/-12.89 | -6.82/-9.61 | -18.48/-17.57 | -18.97/-10.17 |
| Θ(150°) | -9.42/-10.37 | -6.73/-9.4 | -19.5/-14.3 | -18.37/-17.18 | -18.7/-18.88 | -18.52/-18.28 | -18.46/-18.05 | -18.32/-17.71 | -14.99/-17.71 | -18.64/-17.9 | -18.16/-17.34 | -18.32/-18.99 | -18.7/-15.33 | -15.65/-18.27 | -18.53/-18.23 | -18.18/-18.12 | -16.44/-17.98 | -11.66/-10.14 | -12.39/-11.74 | -14.87/-19.04 | -16.21/-17.16 | -18.11/-19.02 | -18.42/-17.05 | -10.41/-7.02 |
| Θ(157.5°) | -15.22/-18.93 | -18.15/-17.69 | -17.87/-17.31 | -19.66/-18.83 | -18.44/-18.93 | -18.32/-17.49 | -15.88/-16.65 | -18.46/-18.75 | -18.05/-17.97 | -18.35/-18.2 | -18.38/-18.45 | -17.6/-18.33 | -17.94/-19.5 | -13.79/-13.97 | -18.36/-17.38 | -14.65/-14.03 | -11.81/-15.2 | -17.52/-17.53 | -18.57/-13 | -11.83/-12.62 | -16.45/-18.98 | -19.16/-18.3 | -19.05/-16.01 | -11.46/-11.55 |
| Θ(165°) | -18.14/-17.9 | -18.14/-18.54 | -18.88/-18.59 | -19.17/-18.13 | -15.5/-16.81 | -19.25/-19.26 | -18.36/-15.77 | -13.11/-14.49 | -18.46/-18.63 | -19.06/-15.92 | -15.99/-15.6 | -18.68/-18.09 | -18.35/-18.41 | -17.93/-18.2 | -18.27/-13.17 | -12.81/-16.63 | -18.32/-18.57 | -17.67/-18.92 | -18.95/-18.93 | -17.57/-13.22 | -12.82/-14.66 | -18.62/-19 | -18/-19.05 | -16.99/-16.4 |
| Θ(172.5°) | -13.68/-16.17 | -18.18/-17.79 | -18.48/-18.23 | -16.19/-12.97 | -11.93/-14.71 | -16.58/-15.88 | -18.1/-18.03 | -14.84/-13.45 | -13.69/-15.47 | -16.51/-16.38 | -16.11/-16.03 | -16.55/-16.41 | -17.76/-19.34 | -18.85/-18.29 | -14.77/-13.12 | -14.46/-15.61 | -18.68/-18.67 | -16.23/-15.32 | -15.11/-14.76 | -15.09/-15.98 | -18.03/-18.13 | -17.2/-14.81 | -13.58/-13.33 | -13.12/-12.14 |
| Θ(180°) | -18.63/-18.19 | -18.32/-14.68 | -13.44/-14.28 | -15.46/-15.93 | -18.13/-18.42 | -16.61/-15.26 | -16.87/-17.12 | -16.25/-18.36 | -18.9/-18.57 | -18.48/-18.03 | -17.96/-18.18 | -18.91/-18.71 | -17.43/-18.08 | -18.09/-17.88 | -17.7/-19.08 | -17.9/-19.33 | -18.87/-19.17 | -18.56/-18.43 | -17.8/-17.93 | -19.17/-18.91 | -16.88/-16.79 | -16.03/-14.63 | -15.06/-16.81 | -18.8/-18.8 |
| Freq(Hz) | 5.785G/Pol. | Phi/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°) | 1.63/1.73 | 1.75/1.6 | 1.21/0.67 | 0.37/-0.56 | -2.16/-3.74 | -5.27/-6.85 | -9.14/-11.17 | -12.43/-10.48 | -8.51/-6.47 | -4.86/-3.23 | -1.85/-0.86 | -0.23/0.25 | 0.75/1.03 | 1.21/1.53 | 1.51/0.99 | 0.15/-0.65 | -1.48/-2.39 | -4.13/-6.2 | -9.37/-12.22 | -12.73/-10.18 | -7.33/-4.77 | -2.74/-1.25 | -0.25/0.52 | 1.1/1.51 |
| Θ(7.5°) | -2.02/-2.03 | -2.03/-2 | -1.75/-1.6 | -1.49/-1.57 | -2.23/-2.65 | -3.13/-3.71 | -5.33/-7.17 | -10.3/-10.44 | -7.69/-5.09 | -2.89/-1.33 | -0.09/0.89 | 1.19/1.23 | 0.98/0.58 | 0.05/-0.37 | -1.07/-1.87 | -2.77/-3.86 | -5.25/-6.67 | -8.64/-11.2 | -15.2/-16.88 | -13.63/-10.28 | -7.91/-5.73 | -3.93/-2.37 | -1.28/-0.51 | 0/0.46 |
| Θ(15°) | -3.4/-3.34 | -3.6/-3.85 | -3.81/-4.73 | -5.95/-6.26 | -6.66/-7.04 | -6.4/-6.19 | -6.54/-7.69 | -10.54/-16.33 | -12.58/-6.65 | -3.17/-0.83 | 0.61/1.19 | 1.18/0.67 | -0.37/-1.36 | -1.65/-1.66 | -1.83/-2.01 | -3/-4.65 | -6.43/-7.25 | -7.92/-9.84 | -13.4/-18.92 | -17.34/-17.04 | -12.13/-9.6 | -7.92/-6.42 | -5.35/-4.49 | -3.65/-3.11 |
| Θ(22.5°) | -0.99/-1.73 | -2.79/-4.29 | -5.27/-6.44 | -9.41/-12.64 | -16.33/-18.26 | -17.34/-14.05 | -11.45/-11.92 | -14.96/-19.08 | -14.13/-6.99 | -3.08/-0.42 | 0.74/1.4 | 1.2/1.09 | 1.01/1.39 | 1.59/1.69 | 1.56/0.86 | -0.72/-2.73 | -5.03/-7.38 | -9.89/-11.77 | -14.32/-15.13 | -14.65/-13.71 | -13.19/-12.08 | -10.49/-8.68 | -6.98/-5.58 | -3.59/-2.48 |
| Θ(30°) | -3.68/-5 | -6.48/-7.7 | -11/-13.17 | -11.53/-9.93 | -9.31/-9.4 | -10.12/-10.86 | -10.5/-12.02 | -16.47/-19.24 | -12.04/-7.88 | -4.27/-1.13 | 0.72/1.63 | 1.86/1.57 | 2.08/3.18 | 3.76/3.79 | 3.14/2.03 | 0.57/-1.6 | -4.55/-7.01 | -9.41/-12.09 | -12.91/-11.7 | -11.1/-9.62 | -9.7/-8.99 | -8.38/-7.05 | -5.3/-3.13 | -1.66/-1.26 |
| Θ(37.5°) | -3.83/-1.86 | -0.68/-0.21 | 0.55/1.27 | 1.12/0.09 | -0.96/-2.71 | -5.44/-7.18 | -6.28/-6.87 | -10.08/-14.26 | -11.12/-7.98 | -6.32/-3.42 | -0.2/1.25 | 1.2/1.31 | 2.36/3.58 | 3.79/3.34 | 2.46/1.15 | -0.48/-3.39 | -7.42/-10.93 | -12.73/-18.83 | -17.78/-16.39 | -13.53/-11.69 | -9.91/-8.4 | -7.33/-6.59 | -5.12/-4.62 | -4.35/-5.15 |
| Θ(45°) | 2.34/2.58 | 2.88/3.55 | 4.63/4.81 | 3.9/2.7 | 1.33/-0.86 | -4.47/-7.55 | -6.34/-4.88 | -5.32/-7.16 | -9.65/-10.62 | -10.33/-6.25 | -1.43/0.38 | 0.04/-0.14 | 1.27/2.64 | 2.83/1.88 | 0.17/-1.13 | -2.23/-6.13 | -11.38/-8.43 | -7.33/-9.55 | -13.93/-18.08 | -17.94/-16.82 | -10.64/-8.67 | -9.16/-7.65 | -5.55/-4.55 | -4.2/-2.49 |
| Θ(52.5°) | 3.96/4.06 | 4.6/5.72 | 5.79/4.72 | 3.29/1.9 | 0.85/-0.29 | -2.55/-5.8 | -7.42/-6.39 | -6.03/-6.71 | -8.37/-9.54 | -11.15/-4.18 | 0.1/1.01 | 0.93/1.44 | 2.19/2.39 | 1.31/-0.89 | -2.6/-2.66 | -4.49/-7.1 | -8.55/-6.05 | -5.53/-6.38 | -7.43/-11.02 | -16.98/-15.05 | -11.83/-10.7 | -10.2/-6.88 | -4.4/-3.03 | -1.25/1.23 |
| Θ(60°) | 3.24/3.66 | 4.77/4.91 | 3.49/2.09 | 1.77/1.21 | -0.69/-2.58 | -5.22/-8.84 | -8.07/-5.99 | -6/-8.16 | -11.37/-7.4 | -7.82/-4.4 | 0.43/1.69 | 1.62/1.93 | 2.73/2.8 | 1.12/-2.09 | -4.42/-3.63 | -3.66/-3.82 | -6.12/-6.82 | -4.68/-5.74 | -9.08/-12.9 | -16.05/-16.59 | -14.23/-11.78 | -7.77/-5.05 | -3.5/-1.89 | 0.73/2.93 |
| Θ(67.5°) | 0.7/1.66 | 2.42/1.45 | -0.69/-1.37 | -0.03/-0.67 | -4.44/-7.29 | -7.75/-7.45 | -6.69/-5.84 | -5.65/-8.01 | -15.56/-3.3 | -2.18/-2.31 | 0.39/1.79 | 2.67/3.41 | 4.02/3.28 | 0.2/-3.86 | -6.27/-4.05 | -2.57/-2.51 | -4.18/-6.78 | -6.41/-8.89 | -11.14/-12.6 | -12.43/-10.1 | -7.4/-4.93 | -2/-2.17 | -4.55/-3.94 | -0.2/2.01 |
| Θ(75°) | -1.16/0.47 | -0.49/-2.36 | -1.32/-2.33 | -1.32/-1.25 | -3.99/-8.57 | -8.17/-11.38 | -14.63/-11.47 | -9.81/-9.26 | -13.35/-4.2 | -0.32/-1.28 | -0.51/2.04 | 3.13/2.9 | 3.55/3.81 | 1.02/-3.43 | -6.34/-3.85 | -1.69/-1.42 | -2.38/-5.87 | -7.33/-11.04 | -12.71/-12.29 | -13.39/-7.28 | -3.85/-1.84 | 0.32/-1.11 | -5.59/-5.38 | -2.35/-1.03 |
| Θ(82.5°) | -0.9/-1.82 | -5.98/-1.39 | -0.03/-2.79 | -3.01/-1.84 | -4.33/-10.31 | -13.82/-13.17 | -11.46/-11.11 | -12.14/-17.26 | -11.39/-3.82 | -0.84/-1.89 | -1.51/1.61 | 2.64/1.9 | 3.12/3.72 | 0.65/-5.55 | -7.92/-3.19 | -1.22/-0.73 | -1.68/-4.83 | -8.23/-10.38 | -13.72/-13.5 | -14.61/-7.04 | -4.76/-2.06 | 0.41/-1.77 | -6.93/-6.1 | -5.82/-4.58 |
| Θ(90°) | -1.95/-3.56 | -6.09/-0.78 | 0.09/-4.29 | -3.11/-1.83 | -3.9/-6.9 | -8.99/-13.39 | -14.6/-15.21 | -11.3/-14.13 | -11.74/-2.62 | -1.11/-1.45 | -2.3/0.39 | 2.86/1.35 | 1.3/3.13 | 1.81/-3.57 | -6.8/-3.3 | -1.38/-0.51 | -0.8/-4.67 | -8.28/-8.51 | -11.9/-13.8 | -17.94/-11.5 | -8.48/-2.58 | 0.1/-1.95 | -4.2/-4.68 | -8.43/-6.49 |
| Θ(97.5°) | -4.23/-6.89 | -4.88/-1.37 | -2.88/-8.05 | -6.3/-3.15 | -4.68/-5.9 | -12.47/-18.94 | -16.25/-18.84 | -14.17/-12.51 | -11.46/-1.81 | -1.55/-3.4 | -2.91/-0.33 | 1.18/-0.96 | 0/2.32 | 0.83/-5.62 | -7.14/-3.82 | -3.16/-1.2 | -1.93/-6.82 | -8.09/-9.26 | -11.66/-15.73 | -18.87/-19.37 | -12.22/-3.15 | -1.39/-3.47 | -3.81/-4.42 | -9.23/-8.38 |
| Θ(105°) | -6.34/-6.98 | -4.57/-1.91 | -2.52/-7.11 | -6.22/-6.18 | -6.23/-5.45 | -13.33/-14.94 | -14.54/-19.08 | -18.83/-11.58 | -12.95/-3.88 | -2.14/-4.46 | -3.48/-1.11 | 0.49/-0.89 | -1.55/0.62 | 0.5/-4.15 | -6.47/-6.23 | -5.09/-3.07 | -3.88/-8.69 | -7.64/-9.62 | -14.05/-17.81 | -16.45/-12.08 | -9.9/-5.86 | -5.67/-5.28 | -3.75/-5.58 | -9.69/-7.49 |
| Θ(112.5°) | -8.63/-7.9 | -5.19/-4.12 | -4.61/-8.38 | -13.01/-8.23 | -7.28/-8.02 | -12.58/-11.97 | -16.7/-18.8 | -18.76/-9.98 | -8.57/-2.91 | -3.31/-7.59 | -4.58/-1.28 | -1.52/-1.81 | -0.44/-0.4 | -2.23/-5.64 | -8.99/-12.39 | -9.63/-5.3 | -6.08/-6.01 | -6.62/-8.76 | -13.22/-18.56 | -13.21/-5.23 | -7.16/-8.32 | -6.4/-6.69 | -6.52/-7.4 | -9.2/-8.46 |
| Θ(120°) | -6.69/-6.96 | -8.02/-6.29 | -7.3/-8.92 | -14.03/-10.51 | -8.73/-8.57 | -10.27/-16.2 | -18.75/-18.98 | -14.47/-7.67 | -6.62/-4.39 | -5.54/-7.99 | -5.48/-2.73 | -2.94/-3.6 | -2.7/-1.84 | -2.52/-4.65 | -8.12/-18.65 | -11.11/-7.36 | -8.57/-5.01 | -6.64/-7.45 | -11.38/-18.49 | -14.53/-6.26 | -6.85/-7.64 | -8.18/-9.1 | -9.61/-10.45 | -7.64/-6.6 |
| Θ(127.5°) | -11.38/-10.25 | -13.69/-11.02 | -10.23/-9.97 | -8.66/-13.07 | -9.84/-10.65 | -15.04/-18.01 | -13.18/-13.61 | -13.94/-7.2 | -7.17/-6.54 | -8.41/-9.98 | -6.22/-4.6 | -5.66/-6.94 | -6.6/-5.01 | -4.74/-6.94 | -11.49/-18.36 | -11.62/-11.87 | -8.38/-7.17 | -10.95/-13.09 | -12.64/-19.05 | -13.35/-11.72 | -9.49/-6.72 | -7.46/-8.85 | -9.75/-10.66 | -11.52/-11.46 |
| Θ(135°) | -8.56/-10.04 | -14.71/-13.91 | -10.58/-10.22 | -9.32/-8.61 | -12.85/-18.63 | -16.45/-15.67 | -14.63/-15.06 | -14.68/-8.82 | -9.74/-9.27 | -10.14/-14.09 | -9.33/-5.23 | -4.06/-5.05 | -6.6/-6.53 | -5.87/-7.24 | -12.33/-14.24 | -14.38/-12.09 | -12.46/-11.59 | -14.48/-17.41 | -17.78/-18.21 | -13.41/-13.13 | -9.7/-7.34 | -6.38/-7.02 | -11.07/-17.68 | -13.19/-9.9 |
| Θ(142.5°) | -10.71/-9.54 | -14.89/-17.87 | -17.85/-15.22 | -12.74/-11.99 | -11.28/-13.29 | -13.77/-12.51 | -15.44/-19.24 | -13.39/-13.68 | -18.01/-15.82 | -13.04/-14.24 | -12.21/-8.04 | -6.67/-6.9 | -7.02/-8.05 | -9.45/-10.46 | -14.51/-19.27 | -12.19/-14.19 | -16.02/-9.23 | -11.91/-18.23 | -17.61/-17.57 | -17.06/-10.31 | -10.03/-11.88 | -11.7/-13.95 | -19.25/-16.67 | -12.07/-10.53 |
| Θ(150°) | -11.7/-11.91 | -12.83/-16.49 | -18.28/-17.21 | -15.58/-14.51 | -15.94/-17.11 | -16.24/-18.88 | -18.88/-18.4 | -17.68/-19.18 | -19.3/-19.32 | -13.6/-12.18 | -16.29/-15.28 | -12.81/-12.87 | -13.77/-13.36 | -12.4/-16.17 | -17.81/-14.24 | -17.95/-18.89 | -16.29/-14.83 | -18.35/-17.91 | -19.13/-18.49 | -17.92/-17.88 | -11.25/-8.34 | -10.11/-16.69 | -18.67/-12.99 | -10.26/-10.26 |
| Θ(157.5°) | -17.48/-18.93 | -18.37/-18.15 | -16.49/-15.5 | -15.11/-15.07 | -15.91/-16.59 | -17.47/-17.7 | -17.8/-16.51 | -13.79/-12.58 | -11.77/-13.11 | -12.84/-14.4 | -15.53/-14.24 | -12.96/-12.77 | -15.12/-17.25 | -17.65/-15.31 | -13.36/-13.55 | -15.58/-13.92 | -13.33/-16.24 | -18.12/-17.46 | -17.81/-18.9 | -18.59/-18.44 | -17.48/-16.78 | -18.13/-16.07 | -15.55/-18.63 | -18.59/-18.1 |
| Θ(165°) | -16.8/-16.94 | -17.94/-15.99 | -16.22/-18.68 | -19.31/-17.96 | -17.98/-18.49 | -18.89/-17.84 | -17.35/-14.07 | -12.9/-13.41 | -15.79/-18.31 | -17.54/-15.6 | -13.89/-12.37 | -12.06/-11.71 | -12.28/-13.74 | -16.85/-17.15 | -17.75/-17.1 | -18.14/-17.9 | -18.64/-18.86 | -17.73/-19.28 | -18.02/-19.79 | -18.02/-19.04 | -17.7/-16.8 | -13.75/-13.7 | -16.83/-18.55 | -18.67/-19.15 |
| Θ(172.5°) | -18.27/-16.63 | -16.2/-18.98 | -18.57/-18.34 | -18/-19.16 | -18.61/-18.05 | -14.7/-13.9 | -15.04/-17.51 | -17.42/-18.51 | -18.39/-17.64 | -18.9/-18.75 | -17.49/-18.17 | -19.04/-18.02 | -16.6/-15.9 | -15.82/-16.24 | -16.3/-17.51 | -18.58/-17.96 | -18.02/-17.58 | -17.35/-19.08 | -18.23/-18.65 | -18.62/-17.59 | -18.18/-17.62 | -17.73/-18.69 | -18.32/-17.72 | -17.79/-18.94 |
| Θ(180°) | -17.71/-19 | -18.13/-19.48 | -17.77/-15.92 | -18.39/-18.33 | -18.98/-18.23 | -17.65/-15.8 | -15.35/-15.07 | -14.8/-14.77 | -14.03/-13.17 | -12.68/-13 | -14.07/-15.61 | -15.51/-14.94 | -15.01/-16.39 | -18.26/-18.7 | -18.51/-18.58 | -17.88/-19.1 | -17.8/-18.42 | -18.28/-18.19 | -17.59/-18.21 | -18.58/-19.3 | -19.15/-18.37 | -17.48/-17.94 | -18.41/-18.99 | -17.42/-19.16 |
| Freq(Hz) | 5.785G/Pol. | Theta/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°) | -8.63/-11.59 | -13.48/-11.02 | -7.86/-5.32 | -3.26/-1.9 | -1.15/-0.53 | 0.11/0.36 | 0.63/0.71 | 0.64/0.22 | -0.15/-0.68 | -1.43/-2.23 | -2.96/-3.89 | -5.21/-6.99 | -9.46/-11.71 | -12.86/-10.5 | -7.38/-5.37 | -3.66/-1.66 | -0.46/0.47 | 0.64/1.38 | 1.64/2.22 | 2.6/2.58 | 2.26/1.9 | 1.46/0.63 | -0.51/-2.31 | -4.5/-7.07 |
| Θ(7.5°) | -9.17/-9.81 | -8.91/-8.09 | -6.62/-5.9 | -5.45/-4.11 | -3.12/-1.91 | -0.91/0.07 | 0.91/1.63 | 2.21/2.32 | 2.33/1.96 | 1.34/0.31 | -0.87/-2.4 | -4.93/-8.21 | -12.86/-17.4 | -16.86/-11.77 | -7.94/-5.64 | -4.58/-3.91 | -2.55/-0.84 | -0.58/-0.25 | -0.26/-0.02 | 0.33/0.68 | 0.31/-0.05 | -0.71/-1.5 | -2.64/-3.94 | -5.53/-7.16 |
| Θ(15°) | -12.64/-10.97 | -8.96/-7.17 | -5.75/-4.92 | -4.14/-4.14 | -4.74/-5.97 | -6.4/-6.68 | -4.89/-2.12 | -0.04/1.36 | 2.03/2.32 | 2.25/1.45 | 0.01/-1.98 | -4.92/-9.24 | -14.72/-18.35 | -18.12/-12.95 | -9.04/-6.41 | -4.4/-3.24 | -3.46/-2.52 | -1.76/-1.13 | -0.79/-0.71 | -0.22/-0.22 | -0.56/-1.42 | -2.43/-3.56 | -5.22/-6.91 | -8.6/-9.68 |
| Θ(22.5°) | -14.68/-9.5 | -6.92/-5.65 | -4.4/-3.08 | -2.1/-1.32 | -0.73/-1.46 | -2.57/-4.87 | -8.26/-10.59 | -7.18/-3.27 | -1.12/0.28 | 0.79/0.21 | -1.56/-3.77 | -7.66/-12.22 | -18.19/-18.51 | -12.2/-7.28 | -4.6/-3.27 | -1.89/-0.62 | -0.11/-0.56 | -1/-0.43 | 0.14/-0.29 | -1.03/-1.85 | -3.02/-4.76 | -6.18/-8.12 | -10.57/-11.89 | -16.39/-18.9 |
| Θ(30°) | -11.54/-8.45 | -5.45/-2.72 | -1.19/-0.63 | -0.6/-0.37 | -0.31/-0.96 | -1.99/-4.18 | -7.65/-9.5 | -6.92/-3.98 | -2.53/-2.4 | -2.63/-2.94 | -3.84/-5.26 | -6.72/-8.73 | -14.06/-15.9 | -8.4/-5.25 | -3.9/-3.25 | -1.95/-1.1 | -1.13/-1.54 | -1.31/-1.04 | -1.52/-3.3 | -3.9/-3.45 | -3.86/-4.08 | -5.16/-6.95 | -8.43/-9.35 | -13.22/-16.79 |
| Θ(37.5°) | -9.92/-5.54 | -1.71/0.23 | 0.48/0 | -0.07/0.34 | 0.66/0.44 | 0.09/-1.28 | -4.39/-8.82 | -7.47/-2.56 | -1.11/-2.27 | -4.53/-7.3 | -8.84/-7.86 | -7.83/-10.93 | -15.34/-11.86 | -7.66/-5.32 | -3.94/-3.48 | -3.67/-3.49 | -2.89/-3.36 | -5.26/-5.63 | -5.88/-4.75 | -3.39/-2.49 | -2.55/-3.29 | -4.51/-6.3 | -7.14/-8.9 | -11.76/-13 |
| Θ(45°) | -9.39/-5.31 | -1.47/0.02 | -0.22/-0.65 | -0.02/0.88 | 1.68/2.3 | 1.96/0.08 | -1.56/-2.79 | -4.24/-3.49 | -3.64/-5.46 | -7.7/-9.52 | -11.44/-9.54 | -7.7/-9.58 | -13.59/-14.36 | -11.45/-9.25 | -8.25/-6.4 | -5.11/-5.19 | -5.05/-6.34 | -9.93/-6.09 | -3.75/-3.3 | -3.71/-3.62 | -4.56/-6.08 | -7.24/-9.25 | -10.3/-13.52 | -10.26/-9.59 |
| Θ(52.5°) | -10.21/-5.53 | -3.02/-3.4 | -4.88/-4.09 | -2.27/-0.81 | 0.07/1.46 | 2.12/1.28 | -0.6/-2.21 | -3.87/-3.71 | -4.39/-8.63 | -8.39/-4.8 | -5.37/-7.99 | -9.37/-11.81 | -14.92/-17.56 | -13.41/-7.9 | -8.16/-9.86 | -7.11/-5.44 | -6.41/-8.66 | -5.85/-2.6 | -1.71/-1.67 | -2.23/-4.19 | -7.01/-9.33 | -12.56/-13.82 | -15.08/-18.93 | -9.5/-9.28 |
| Θ(60°) | -10.12/-8.08 | -7/-7.89 | -8.76/-7.54 | -7.88/-6.92 | -3.85/-0.87 | 1.08/1.56 | 0.8/-0.27 | -2.88/-6 | -4.47/-4.79 | -8.25/-4.61 | -3.6/-7.06 | -7.78/-8.94 | -14.42/-18.84 | -18.54/-10.4 | -9.73/-12.9 | -8.67/-6.19 | -6.51/-5.05 | -2.99/-2.13 | -0.59/0.67 | -0.16/-3.47 | -5.92/-8.35 | -14.11/-13.88 | -16.37/-18.41 | -8.46/-7.22 |
| Θ(67.5°) | -13.89/-13.53 | -12.65/-13.31 | -11.75/-16.94 | -18.54/-11.94 | -10.92/-6.61 | -4/-3.11 | -3.85/-3.86 | -4.45/-5.19 | -3.97/-2.58 | -7.27/-8.38 | -4.63/-7.07 | -9.54/-8.15 | -19.7/-15.51 | -14.89/-12.68 | -9.87/-11.65 | -8.42/-6.89 | -5.28/-2.12 | -2.48/-1.17 | 0.24/1.16 | 0.74/-1.95 | -4.37/-5.1 | -8.59/-9.16 | -14.18/-15.9 | -9.43/-9.31 |
| Θ(75°) | -18.67/-17.88 | -15.03/-12.37 | -11.1/-16.05 | -11.48/-6.8 | -4.39/-5.18 | -4.99/-3.35 | -4.27/-8.42 | -10.58/-6.01 | -3.42/-2.52 | -4.92/-11.36 | -8.13/-7.2 | -12.46/-7.81 | -15/-12.93 | -12.14/-12.74 | -12.17/-13.12 | -10.1/-8 | -5.07/-1.63 | -2.62/-1.84 | 0.01/0.64 | 0.05/-2.33 | -3.89/-3.53 | -5.82/-6.55 | -9.31/-12.37 | -9.27/-10.33 |
| Θ(82.5°) | -17.97/-16.67 | -18.35/-13.09 | -8.17/-8.04 | -7.13/-3.12 | -1.72/-3.49 | -5.78/-6.61 | -9.22/-8.88 | -11.93/-10.48 | -3.71/-2.12 | -6.14/-13.18 | -11.83/-11.17 | -18.65/-10.44 | -19.12/-10.74 | -10.29/-12.42 | -13.26/-18.98 | -12.48/-9.58 | -5.2/-3 | -4.51/-2.79 | -1.74/-1.6 | -1.57/-3.93 | -5.3/-3.43 | -6.25/-7.85 | -11.73/-13.74 | -10.61/-14.01 |
| Θ(90°) | -18.75/-18.86 | -15.98/-11.68 | -9.27/-8.35 | -7.58/-3.8 | -2.99/-4.55 | -5.79/-6.41 | -7.7/-11.53 | -19.03/-18.16 | -7.88/-3.88 | -7.3/-15.3 | -11.88/-13.19 | -18.39/-15.86 | -19.02/-11.02 | -9.88/-11.38 | -18.19/-19.04 | -16.55/-10.81 | -6.5/-6.04 | -5.89/-4.55 | -5.54/-4.1 | -2.8/-6.88 | -5.31/-4.93 | -8.02/-9.02 | -12.26/-16.33 | -12.4/-16.71 |
| Θ(97.5°) | -18.94/-18.71 | -13.58/-11.24 | -10.04/-7.35 | -10.31/-8.03 | -6.92/-7.23 | -7.84/-8.57 | -9.12/-10.49 | -19.71/-19.07 | -8.79/-7.38 | -13.28/-16.96 | -11.65/-15.88 | -18.4/-18.86 | -18.93/-12.22 | -10.69/-12.19 | -16.45/-18.59 | -17.25/-12.09 | -9.58/-8.11 | -6.8/-7.91 | -11.03/-6.67 | -4.62/-6.69 | -5.3/-7.15 | -10.08/-10.28 | -13.27/-16.2 | -18.82/-15.68 |
| Θ(105°) | -19.37/-16.77 | -9.68/-9.59 | -11.67/-10.91 | -13.12/-12.12 | -10.1/-10.95 | -11.15/-12.96 | -14.15/-17.17 | -14.54/-18.14 | -11.33/-9.01 | -12.88/-17.21 | -14.91/-17.15 | -17.98/-17.68 | -16.56/-16.74 | -16.17/-13.32 | -18.37/-17.96 | -18.04/-18.86 | -14.84/-10.61 | -8.05/-10.27 | -13.8/-7.34 | -5.16/-5.32 | -5.05/-9.32 | -11.05/-12.01 | -16.04/-18.19 | -18.85/-15.59 |
| Θ(112.5°) | -18.29/-19.03 | -12.15/-9.42 | -11.02/-17.57 | -18.03/-15.51 | -13.36/-14.88 | -17.87/-14.87 | -17.53/-18.95 | -18.41/-18 | -16.24/-11.8 | -18.07/-18.64 | -15.04/-18.27 | -17.62/-19.76 | -14.53/-15.37 | -14.93/-16.47 | -16.88/-18.52 | -19.35/-17.94 | -18.82/-18.33 | -14.94/-16.2 | -13.02/-7.62 | -5.69/-7.32 | -7.49/-9.74 | -11/-18.33 | -19.33/-19.29 | -14.85/-11.65 |
| Θ(120°) | -17.8/-19 | -12.23/-11.36 | -8.99/-14.89 | -15.26/-18.45 | -14.62/-15.6 | -18.78/-17.07 | -17.61/-18.72 | -13.82/-18.4 | -15.9/-16.6 | -17.52/-18.34 | -17.34/-18.99 | -16.78/-18.56 | -18.56/-18.55 | -13.66/-16.59 | -19.3/-18.29 | -18.27/-13.55 | -16.6/-18.3 | -17.96/-16.94 | -11.54/-7.09 | -6.34/-7.57 | -9.84/-11.77 | -14.22/-19.33 | -15.91/-15.09 | -17.66/-17.79 |
| Θ(127.5°) | -17.45/-15.74 | -13.14/-13.57 | -17.79/-19.26 | -18.66/-15.49 | -15.54/-12.64 | -15.98/-19.35 | -18.63/-17.38 | -18.89/-17.96 | -15.38/-16.1 | -18.33/-17.9 | -19.39/-15.74 | -14.47/-18.93 | -18.03/-18.29 | -13.78/-12.86 | -18.41/-18.89 | -14.26/-11.22 | -10.23/-11 | -11.91/-12.88 | -13.71/-9.17 | -7.82/-7.5 | -8.91/-13.73 | -17.01/-16.41 | -15.61/-14.19 | -16.2/-17.57 |
| Θ(135°) | -18/-15.51 | -17.6/-13.47 | -10.7/-19.04 | -18.66/-15.11 | -19.13/-17.33 | -18.6/-18.57 | -18.19/-19.03 | -17.09/-14.32 | -9.99/-13.27 | -19.26/-18.04 | -18.46/-14.27 | -12/-13.76 | -18.23/-17.63 | -14.32/-14.47 | -18.31/-18.01 | -17.9/-16.57 | -15.08/-17.99 | -11.89/-12.98 | -13.5/-13.95 | -9.68/-7.37 | -9.18/-11.49 | -9.45/-11.01 | -16.07/-18.35 | -17.09/-16.08 |
| Θ(142.5°) | -9.17/-9.57 | -6.26/-10.62 | -17.51/-19.11 | -18.18/-19.13 | -18.86/-17.19 | -18.41/-16.39 | -18.54/-18.93 | -18.78/-16.07 | -13.05/-15.91 | -18.83/-18.9 | -18.85/-18.63 | -19.01/-14.69 | -15.07/-16.3 | -15.85/-14.79 | -17.96/-17.9 | -16.23/-19.08 | -16.98/-15.21 | -14.62/-10.93 | -12.46/-15.66 | -13.33/-12.05 | -12.71/-17.23 | -9.77/-8.37 | -15.62/-19.22 | -16.31/-9.2 |
| Θ(150°) | -10.92/-11.37 | -7.8/-10.84 | -17.6/-14.33 | -17.88/-19.1 | -17.52/-17.34 | -18.47/-18.82 | -19.08/-19.07 | -18.34/-14.15 | -14.16/-17.03 | -18.73/-18.21 | -17.81/-17.2 | -18.52/-18.86 | -16.15/-15.03 | -17.51/-18.91 | -18.36/-16.11 | -16.51/-14.99 | -17.84/-18.58 | -11.63/-9.68 | -13.55/-18.93 | -19.33/-19.06 | -16.49/-16.41 | -17.17/-17.88 | -18.91/-18.91 | -18.27/-11.03 |
| Θ(157.5°) | -15.38/-18.05 | -17.96/-18.43 | -17.63/-17.6 | -18.08/-17.62 | -18.04/-17.84 | -18.45/-15.2 | -16.92/-18.96 | -17.49/-17.45 | -17.29/-18.26 | -19.48/-18.95 | -18.08/-18.23 | -18.31/-18.16 | -18.59/-16.28 | -14.75/-16.14 | -19.21/-18.36 | -18.01/-15.25 | -15.82/-17.12 | -14.72/-15.11 | -16.38/-18.55 | -15.45/-16.57 | -16.76/-15.33 | -17.6/-18.1 | -17.62/-18.17 | -12.9/-11.78 |
| Θ(165°) | -17.71/-18.94 | -17.84/-18.02 | -17.51/-18.41 | -16.96/-14.66 | -12.83/-13.32 | -18.04/-18.02 | -18.31/-16.82 | -14.68/-16.37 | -17.9/-18.78 | -18.12/-15.32 | -14.03/-15.28 | -17.7/-18.81 | -19.46/-15.09 | -15.18/-16.24 | -15.01/-13.66 | -13.41/-14.09 | -17.31/-18.98 | -19.2/-19.38 | -18.94/-16.32 | -11.85/-10.93 | -10.38/-11.51 | -14.76/-17.9 | -17.89/-17.58 | -18.11/-16.65 |
| Θ(172.5°) | -15.69/-17.63 | -18.39/-18.93 | -18.08/-16.13 | -12.59/-11.28 | -13.08/-16.95 | -19.38/-18.55 | -19.07/-16.04 | -13.72/-12.88 | -12.77/-14.25 | -16.74/-18.22 | -19.49/-17.58 | -18.56/-18.85 | -17.93/-16.28 | -15.41/-14.78 | -13.77/-13.9 | -14.44/-15.67 | -15.61/-15.84 | -16.85/-16.44 | -18.63/-19 | -19.07/-18.16 | -19.26/-18.77 | -17.15/-14.58 | -13.73/-14.7 | -14.19/-12.67 |
| Θ(180°) | -17.95/-18.94 | -19.38/-18.77 | -14.77/-13.7 | -14.69/-16.56 | -16.71/-14.87 | -15.07/-15.21 | -15.8/-15.55 | -16.3/-17.96 | -17.99/-17.67 | -18.25/-19.35 | -18.2/-18.95 | -17.26/-15.63 | -14.64/-14.3 | -14.55/-14.77 | -15.38/-15.55 | -16.69/-17.5 | -17.36/-18.28 | -18.67/-18.66 | -18.13/-18.41 | -18.06/-17.74 | -17.76/-18.58 | -17.58/-16.18 | -15.44/-17.96 | -18.48/-18.16 |
| Freq(Hz) | 5.2G/Pol. | Phi/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | -6.01/-8.12 | -11.27/-13.65 | -12.85/-10.18 | -7.98/-6.54 | -5.44/-4.12 | -2.69/-1.83 | -1.62/-1.2 | -0.82/-0.46 | -0.84/-1.58 | -2.1/-2.31 | -2.63/-3.44 | -4.97/-6.25 | -7.75/-9.48 | -11.46/-13.35 | -13.41/-10.8 | -8.36/-7.5 | -6.13/-4.17 | -2.34/-1.1 | -0.66/-0.61 | -0.67/-0.38 | -0.05/-0.34 | -0.96/-1.43 | -1.86/-2.4 | -3.56/-4.88 |
| Θ(7.5°) | -7.89/-10.4 | -11.98/-10.71 | -8.49/-6.23 | -3.87/-1.95 | -1.2/-1.05 | -0.84/-0.22 | 0.41/0.53 | 0.03/-0.84 | -1.31/-1.83 | -2.07/-2.1 | -2.42/-3.03 | -4.17/-5.82 | -8.05/-11.67 | -18.46/-18.25 | -13.05/-8.68 | -6.02/-4.53 | -3.4/-2.16 | -1.46/-0.91 | -0.59/-0.06 | 0.1/0.2 | 0.3/-0.07 | -0.63/-1.13 | -1.62/-2.44 | -3.86/-5.32 |
| Θ(15°) | -14.32/-18.18 | -13.68/-9.53 | -7.28/-5.51 | -3.79/-2.43 | -1.85/-1.71 | -1.21/-0.08 | 1.06/1.09 | 0.89/0.29 | -0.25/-0.94 | -1.99/-2.81 | -3.37/-4.21 | -5.72/-7.41 | -9.87/-15.3 | -18.73/-13.05 | -8.23/-6.26 | -5.29/-4.91 | -4.96/-3.9 | -3.2/-3.27 | -4.51/-4.61 | -3/-1.57 | -1.27/-1.49 | -1.61/-1.84 | -2.41/-3.84 | -5.95/-8.11 |
| Θ(22.5°) | -16.72/-17.93 | -12.29/-8.94 | -6.55/-4.79 | -3.44/-2.3 | -1.18/-0.06 | 0.99/1.93 | 2.66/3.66 | 2.24/1.69 | 1.06/0.05 | -1.52/-2.96 | -3.97/-5.55 | -8.67/-11.73 | -12.6/-13.69 | -16.9/-12.57 | -8.46/-6.39 | -5.02/-3.4 | -2.46/-2.1 | -2.27/-2.01 | -2.3/-3.05 | -3.56/-2.98 | -2.52/-2.49 | -2.67/-3.4 | -4.98/-7.56 | -10.91/-12.68 |
| Θ(30°) | -10.63/-18.38 | -16.24/-11.77 | -8.84/-5.32 | -2.21/-0.68 | 0.37/1.35 | 1.88/2.49 | 2.47/2.31 | 2.03/1.73 | 1.16/0.26 | -0.84/-2.28 | -4.42/-6.24 | -8.03/-11.97 | -12.97/-12.64 | -17.01/-12.55 | -8.56/-6.51 | -3.86/-2.17 | -1.35/-1.02 | -0.69/-0.44 | -1.05/-2.05 | -2.64/-3.11 | -3.92/-4.41 | -4.55/-4.9 | -7.15/-12.31 | -15.22/-12.45 |
| Θ(37.5°) | -10.74/-18.53 | -17.14/-10.59 | -7.09/-4.23 | -2.41/-0.49 | 0.73/1.71 | 2.3/2.4 | 1.74/1.02 | 0.72/0.55 | -0.63/-2.97 | -3.22/-3.68 | -5.46/-7.48 | -10.94/-15.46 | -10.37/-10.98 | -19.34/-17.87 | -10.67/-6.74 | -5.03/-5.47 | -6.35/-5.35 | -4.22/-4.13 | -5.55/-8.07 | -10.89/-10.9 | -9.45/-7.7 | -6.91/-7.05 | -8.18/-18.13 | -14.75/-9.97 |
| Θ(45°) | -11.49/-18.8 | -13.65/-9.22 | -5.59/-4.24 | -3.25/-2.06 | -0.15/0.37 | 0.23/-0.66 | -2.23/-4.59 | -6.94/-6.5 | -5.94/-7.7 | -9.02/-7.95 | -8.04/-10.78 | -12.98/-16.19 | -9.8/-10.9 | -18.93/-18.47 | -17.42/-12.29 | -12.17/-17.01 | -14.64/-16.34 | -15.51/-15.3 | -18.04/-14.23 | -9.32/-11.52 | -15.75/-9.84 | -7.75/-9.68 | -12.4/-17.4 | -16.23/-8.99 |
| Θ(52.5°) | -15.31/-17.91 | -11.8/-10.19 | -9.53/-9.59 | -9.06/-6.49 | -5.06/-5.3 | -8.75/-14.08 | -17.76/-17.73 | -8.05/-3.88 | -4.3/-7.74 | -11.51/-10.41 | -11.42/-11.27 | -13.85/-17.62 | -14.39/-14.67 | -19.02/-17.36 | -11.71/-12.63 | -16.98/-19.17 | -15.81/-11.27 | -8.18/-6.1 | -8.28/-14.67 | -10.9/-7.3 | -7.87/-11.42 | -9.96/-8.5 | -11.95/-18 | -18.78/-12.56 |
| Θ(60°) | -19.02/-17.95 | -14.96/-14.08 | -13.82/-19 | -17.97/-13.19 | -10.29/-6.04 | -4.88/-4.95 | -4.01/-2.64 | -1.8/-1.72 | -2.23/-4.24 | -5.02/-5.64 | -8.85/-11.96 | -16.46/-16.85 | -16.32/-15.83 | -16.9/-12.07 | -7.12/-9.74 | -9.25/-11.46 | -12.96/-11.08 | -8.38/-7.31 | -8.14/-9.18 | -10.65/-10.08 | -6.85/-7.28 | -11.48/-14.84 | -13.58/-18.48 | -17.5/-18.9 |
| Θ(67.5°) | -16.72/-16.74 | -17.49/-17.56 | -18.39/-16.86 | -12.14/-8.05 | -5.57/-3.18 | -2.66/-3.65 | -5.65/-5.85 | -4.03/-1.73 | -1.24/-4.07 | -9.21/-10.49 | -10.13/-13.25 | -15.76/-14.92 | -18.28/-17.11 | -16.05/-9.46 | -9.33/-8.21 | -7.48/-9.86 | -10.24/-8.19 | -7.63/-9.69 | -9.1/-5.95 | -5.76/-10.34 | -10.05/-7.53 | -7.78/-10.48 | -15.23/-17.23 | -18.99/-17.58 |
| Θ(75°) | -17.14/-19.26 | -18.61/-18.81 | -13.22/-11.39 | -11.91/-7.38 | -4.92/-5.8 | -9.56/-14.4 | -18.4/-17.68 | -13.21/-6.52 | -4.52/-5.18 | -9.34/-15.27 | -15.42/-12.7 | -18.4/-13.26 | -13.38/-16.52 | -18.12/-17.7 | -9.29/-8 | -9.8/-17.4 | -18.44/-18.2 | -11.04/-5.22 | -7.68/-10.7 | -5.24/-5.97 | -9.86/-7.03 | -7.5/-7.4 | -13.1/-17.96 | -18.06/-19.18 |
| Θ(82.5°) | -13.78/-17.83 | -18.81/-18.83 | -18.03/-19.12 | -17.02/-16.29 | -18.95/-12.82 | -11.16/-16.4 | -12.39/-9.1 | -11.62/-13.69 | -9.31/-7.26 | -9.86/-11.5 | -10.4/-13.26 | -13.95/-17 | -10.81/-17.65 | -17.81/-12.72 | -8.73/-10.28 | -14.8/-19.52 | -15.84/-8.89 | -8.78/-6.01 | -5.19/-7.37 | -4.03/-4.61 | -8.61/-7.56 | -11.32/-9.55 | -10.13/-19.4 | -18.79/-17.78 |
| Θ(90°) | -13.71/-13.88 | -15.06/-10.93 | -11.74/-14.25 | -12.56/-19 | -9.61/-8.56 | -12.33/-18.02 | -18.22/-9.18 | -5.92/-8.53 | -17.43/-14.38 | -9.68/-7.41 | -8.84/-11.58 | -9.37/-10.19 | -9.71/-18.52 | -11.64/-17.59 | -12.96/-12.15 | -18.3/-11.87 | -8.83/-4.26 | -2.44/-5.62 | -8.14/-11.09 | -7.56/-8.09 | -9.4/-8.7 | -11.17/-11.65 | -9.98/-16.32 | -18.34/-18.4 |
| Θ(97.5°) | -14.97/-11.59 | -10.43/-8.52 | -9.15/-13.78 | -11.6/-13.92 | -13.06/-13.16 | -19.2/-17.44 | -19.03/-13.73 | -6.64/-8.99 | -18.85/-15.18 | -7.76/-5.12 | -5.39/-9.85 | -8.88/-9.39 | -9.46/-16.5 | -12.09/-18.63 | -16.44/-18.39 | -17.27/-18.08 | -7.9/-2.71 | -3.43/-5.4 | -7.98/-13.2 | -10.81/-13.36 | -13.21/-12.41 | -18.04/-13.55 | -13.83/-17.44 | -15.59/-16.55 |
| Θ(105°) | -12.81/-8.32 | -8.91/-6.12 | -6.92/-10.16 | -13.72/-16.21 | -12.72/-12.45 | -10.56/-11.68 | -16.09/-16.56 | -9.75/-8.01 | -12.97/-11.27 | -6.9/-3.56 | -3.55/-6.72 | -9.71/-9.8 | -8.88/-17.45 | -9.6/-19.11 | -18.64/-18.68 | -19.22/-18.71 | -13.96/-7.52 | -6.22/-12.11 | -13.88/-11.49 | -18.91/-14.51 | -15.47/-10.63 | -14.82/-17.56 | -17.45/-15.84 | -14.52/-11.73 |
| Θ(112.5°) | -10.42/-7.73 | -5.79/-6.46 | -8.31/-9.45 | -7.89/-6.12 | -5.76/-4.1 | -6.53/-8.21 | -9.02/-12.42 | -15.42/-8.08 | -10.01/-7.53 | -6.97/-4.9 | -4.14/-7.92 | -8.82/-9.38 | -10.27/-11.61 | -9.18/-15.19 | -13.12/-13.28 | -15.22/-11.82 | -9.99/-6.91 | -5.47/-8.06 | -7.99/-9.42 | -14.2/-18.59 | -16.4/-17.68 | -19.4/-16.65 | -18.1/-17.64 | -15.92/-11.45 |
| Θ(120°) | -10.65/-7.82 | -5.91/-5.01 | -5.91/-5.81 | -5.48/-6.05 | -3.47/-1.29 | -3.39/-4.14 | -5.19/-10.61 | -17.8/-13.88 | -6.93/-4.06 | -5.95/-5.95 | -5.1/-8.88 | -9.29/-11.71 | -12.55/-10.93 | -9.29/-16.99 | -12.44/-15.24 | -17.26/-15.66 | -8.87/-2.57 | -4.27/-9.5 | -18.78/-10.98 | -7.43/-12.47 | -8.94/-11.64 | -18.03/-15.28 | -13.9/-17.48 | -14.02/-11.95 |
| Θ(127.5°) | -12.2/-9.35 | -6.3/-4.74 | -3.44/-4.15 | -2.54/-2.19 | -1.71/-2.24 | -4.63/-6.25 | -3.98/-3.67 | -7.62/-14.43 | -8.79/-7.42 | -5.11/-3.71 | -6.21/-9.11 | -13.28/-11.27 | -16.87/-14.36 | -18.01/-11.98 | -11.99/-17.81 | -11.91/-14.86 | -15.82/-18.84 | -11.79/-11.5 | -11.71/-8.4 | -7.85/-7.35 | -9.97/-14.37 | -17.33/-17.08 | -18.21/-17.93 | -14.19/-13.22 |
| Θ(135°) | -13.09/-10.58 | -5.2/-4.63 | -3.96/-2.77 | -1.51/0.94 | 1.32/-0.77 | -5.89/-7.83 | -3.2/-1.66 | -2.91/-5.72 | -9.58/-8.18 | -7.96/-7.79 | -6.31/-7.47 | -12.49/-14.59 | -18.78/-16.73 | -13.33/-15.95 | -18.41/-18.4 | -15.64/-16.71 | -11.86/-12.99 | -13.65/-18.13 | -18.45/-17.07 | -10.35/-6.97 | -8.46/-14.82 | -14.4/-10.66 | -13.73/-18.99 | -18.43/-18.44 |
| Θ(142.5°) | -12.54/-13.62 | -6.82/-4.52 | -4.27/-2.48 | -2.53/-1.19 | -0.95/-2.31 | -5.79/-7.18 | -4.55/-2.59 | -2.49/-5.24 | -11/-15.68 | -14.59/-10.78 | -10.85/-13.58 | -12.03/-13.72 | -18.25/-18.67 | -18.93/-17.72 | -16.91/-19.47 | -18.46/-13.79 | -10.55/-10.43 | -14.34/-18.19 | -18.71/-17.37 | -11/-8.71 | -9.26/-10.79 | -7.39/-6.53 | -9.91/-18.78 | -17.94/-14.71 |
| Θ(150°) | -16.11/-15.12 | -10.18/-6.98 | -5.03/-3.88 | -2.4/-2.76 | -3.14/-4.32 | -7.82/-5.27 | -1.66/-0.83 | -1.98/-4.32 | -8.25/-13.1 | -16.21/-17.01 | -18.54/-18.9 | -17.77/-18.81 | -18.08/-17.78 | -17.76/-17.08 | -16.63/-18.69 | -16.67/-10.56 | -8.56/-8.69 | -11.89/-17.08 | -18.92/-17.89 | -12.64/-7.98 | -5.54/-5.38 | -5.33/-6.61 | -11.73/-15.37 | -17.36/-18.13 |
| Θ(157.5°) | -15.29/-10.74 | -7.57/-5.91 | -4.29/-4.06 | -4.04/-4.01 | -5.08/-6.83 | -7/-5.27 | -3.59/-2.33 | -2.32/-3.57 | -5.23/-6.46 | -6.56/-7.34 | -10.12/-14.05 | -17.37/-17.16 | -15.43/-15.74 | -16.18/-17.22 | -14.25/-10.25 | -8.28/-7.82 | -8.87/-13.1 | -18.27/-18.11 | -17.89/-12.33 | -6.82/-5.59 | -6.17/-7.28 | -8.04/-8.46 | -9.81/-12.04 | -15.85/-18.96 |
| Θ(165°) | -18.08/-16.05 | -11.01/-9.18 | -8.03/-7.22 | -7/-7.85 | -9.14/-11.33 | -12.78/-10.52 | -6.5/-3.58 | -2.82/-3.44 | -4.67/-5.88 | -6.94/-9.48 | -15.09/-17.42 | -18.32/-18.12 | -18.26/-17.35 | -19.07/-17.58 | -15.26/-14.21 | -14.05/-15.13 | -16.56/-16.35 | -15.77/-15.59 | -11.82/-8.55 | -7.02/-7.82 | -9.99/-11.14 | -11.38/-11.55 | -12.11/-13.24 | -15.84/-17.9 |
| Θ(172.5°) | -18.29/-18.92 | -19.49/-18.02 | -17.88/-16.04 | -13.64/-12.48 | -11.63/-10.05 | -7.84/-6.51 | -5.2/-4.78 | -5.18/-6.4 | -9.17/-12.51 | -16.75/-17.92 | -17.1/-16.81 | -17.21/-17.71 | -18.08/-18.88 | -18.86/-18.29 | -18.64/-19.26 | -17.55/-14.48 | -14.01/-14.62 | -15.14/-18.55 | -17.63/-14.68 | -12.75/-12.12 | -11.46/-10.8 | -10.88/-12.09 | -14.23/-17.07 | -19.01/-18.34 |
| Θ(180°) | -18.68/-18.2 | -18.39/-19.58 | -15.7/-13.2 | -11.78/-10.84 | -10.68/-10.67 | -10.08/-9.33 | -9.83/-14.61 | -19.12/-17.91 | -16.43/-14.03 | -14.13/-14.23 | -14.44/-16.21 | -18.92/-18.05 | -17.72/-17.85 | -17.91/-18.9 | -18.12/-19.2 | -16.19/-13.89 | -12.76/-11.88 | -12.82/-14.48 | -16.92/-18.61 | -17.21/-17.63 | -18.75/-19.32 | -17.81/-18.88 | -18.15/-18.97 | -17.89/-18.08 |
| Freq(Hz) | 5.2G/Pol. | Theta/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | -3.49/-2.48 | -1.67/-1.31 | -1.26/-1.42 | -1.87/-2.28 | -2.76/-3.74 | -4.96/-6.4 | -7.95/-9.65 | -14.82/-18.75 | -18.86/-12.52 | -9.06/-7.26 | -6.52/-5.83 | -4.92/-3.59 | -2.63/-2.02 | -1.64/-1.39 | -1.36/-1.52 | -1.97/-2.48 | -2.93/-3.59 | -3.97/-5.63 | -7.76/-10.23 | -13.6/-16.96 | -15.8/-12.75 | -9.86/-7.69 | -5.76/-4.64 | -4.08/-3.5 |
| Θ(7.5°) | -2.55/-1.92 | -1.52/-1.53 | -1.47/-1.58 | -2.06/-3.01 | -4.18/-5.82 | -7.74/-10.24 | -12.6/-13.27 | -12.57/-12.25 | -10.71/-8.46 | -6.42/-5.06 | -4.48/-4.45 | -4.24/-2.97 | -1.75/-0.99 | -0.86/-0.76 | -0.76/-0.87 | -1.36/-2.34 | -3.43/-3.63 | -4.06/-5.31 | -7.5/-10.43 | -14.57/-18.86 | -18.2/-13.34 | -9.57/-7.3 | -5.28/-3.99 | -3.44/-3.27 |
| Θ(15°) | -0.06/0.43 | 0.47/0.14 | -0.17/-0.46 | -1.12/-2.26 | -3.44/-4.85 | -6.44/-9.04 | -12.04/-16.2 | -18.6/-13.75 | -9.42/-6.99 | -4.67/-2.9 | -1.84/-1.87 | -2.39/-2.28 | -1.27/-0.23 | -0.14/-0.22 | -0.52/-0.85 | -1.82/-3.2 | -5.27/-6.13 | -7.93/-9.33 | -10.41/-12.09 | -13.51/-15.72 | -16.69/-13.73 | -10.59/-7.72 | -5.1/-3.6 | -2.76/-2.22 |
| Θ(22.5°) | 0.99/1.63 | 1.55/1.3 | 0.87/-0.23 | -1.21/-1.98 | -2.68/-3.79 | -5.73/-9.98 | -12.35/-13.24 | -11.41/-8.76 | -6.03/-4.18 | -2.88/-1.41 | -0.26/0.2 | -0.11/-0.5 | 0.08/0.79 | 0.89/0.56 | 0.13/-0.48 | -1.16/-2.1 | -4.2/-5.48 | -7.01/-8.36 | -9.52/-12.42 | -17.15/-14.1 | -11.72/-11.48 | -9.53/-6.28 | -3.76/-2.69 | -2.61/-1.87 |
| Θ(30°) | 0.87/1.19 | 0.77/0.27 | -0.43/-0.68 | -1.15/-1.62 | -2.04/-3.26 | -5.04/-8.1 | -15.14/-18.87 | -9.13/-6.45 | -4.71/-2.55 | -1.22/-0.43 | 0.5/0.87 | 0.51/0.05 | -0.03/0.36 | 0.75/1.01 | 0.58/-0.13 | -1.04/-2.34 | -4.41/-6.33 | -7.69/-7.65 | -6.74/-7.21 | -10.99/-18.61 | -15.52/-9.68 | -7.19/-5.81 | -3.65/-2.02 | -1.63/-0.6 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(37.5°) | 1.22/1.41 | 0.83/-0.12 | -0.58/-0.14 | 0.42/0.18 | -0.28/-1.33 | -3.61/-6.57 | -11.66/-15.13 | -8.78/-5.54 | -3.39/-2.54 | -2.52/-1.04 | 0.19/-0.16 | -0.43/-0.6 | -1.09/-0.41 | 0.05/-1.14 | -2.98/-3.91 | -5.75/-8.11 | -10.27/-8.18 | -7.33/-8.54 | -8.7/-7.32 | -6.99/-8.77 | -13.55/-12.63 | -7.36/-4.65 | -3.3/-2.17 | -2.1/-0.11 |
| Θ(45°) | 0.42/0.84 | 0.81/0.77 | 0.52/0.97 | 0.63/0.14 | -1.03/-1.83 | -4.16/-7.56 | -10.54/-11.11 | -9.36/-6.15 | -3.74/-2.7 | -3.85/-4.83 | -2.38/-1.44 | -2.35/-2.72 | -3.17/-2.6 | -2.51/-5.52 | -7.43/-8 | -10.62/-9.4 | -11.18/-13.41 | -14.27/-13.38 | -13.54/-14.03 | -8.63/-5.71 | -5.75/-5.44 | -4.87/-4.09 | -3.24/-3.03 | -3.59/-1.67 |
| Θ(52.5°) | -0.49/-0.07 | -0.84/-0.33 | -0.6/-0.82 | -1.6/-2.64 | -4.85/-6.5 | -6.81/-6.48 | -7.4/-10.94 | -12.77/-8.31 | -7.14/-7.09 | -10.46/-13.29 | -6.62/-4.86 | -5.03/-4.42 | -6.19/-5.27 | -10.1/-9.63 | -7.08/-7.19 | -5.43/-7.13 | -11.42/-18.65 | -17.56/-16.04 | -16.16/-15.39 | -18.02/-11.3 | -6.71/-4.54 | -2.8/-3.25 | -3.31/-3.47 | -4.47/-1.32 |
| Θ(60°) | -1.28/-1.08 | -2.58/-1.98 | -3.71/-3.62 | -5.82/-9.46 | -7.39/-5.01 | -2.97/-2.63 | -4.49/-10.25 | -14.63/-5.85 | -6.15/-7.02 | -6.01/-4.79 | -2.89/-2.17 | -2.99/-2.58 | -2.49/-2.95 | -8.51/-4.57 | -4.12/-4.54 | -4.87/-5.75 | -9.94/-16.6 | -17.43/-12.36 | -12.49/-12.66 | -11.45/-11.82 | -9.64/-5.24 | -2.58/-2.21 | -2.33/-2.7 | -6.06/-3.12 |
| Θ(67.5°) | -4.02/-3.47 | -7.64/-11.74 | -18.42/-19.02 | -11.34/-4 | -0.8/-0.31 | -1.44/-2.88 | -3.99/-5.11 | -12.84/-12.37 | -4.92/-3.63 | -2.68/-0.91 | -0.03/1.02 | 1/0.52 | 0.14/-1.26 | -2.34/-1.69 | -2.78/-5.11 | -4.74/-7.21 | -11.03/-19.02 | -14.15/-12.62 | -13.7/-14.02 | -10.99/-8.81 | -8.55/-5.45 | -2.36/-2.35 | -3.32/-3.73 | -6.75/-5.85 |
| Θ(75°) | -8.31/-7.57 | -9.75/-10.23 | -9.72/-6.89 | -2.41/0.01 | 0.59/-0.75 | -3.11/-5.33 | -5.34/-5.03 | -6.82/-14.37 | -9.7/-3.96 | -1.53/-0.37 | -0.42/-0.02 | 0.73/0.87 | 0.67/-0.67 | -2.25/-0.94 | -3.3/-4.9 | -7.12/-9.91 | -19.19/-13.61 | -10.79/-8.65 | -10.25/-14.46 | -11.57/-7.67 | -6.48/-5.95 | -2.65/-2.26 | -4.22/-4.28 | -7.98/-7.27 |
| Θ(82.5°) | -6.14/-3.67 | -0.76/-0.24 | -0.25/-0.01 | 0.8/1.02 | -0.81/-5.79 | -11.68/-8.82 | -7.45/-9.38 | -14/-17.07 | -18.24/-13.85 | -4.62/-1.26 | -1.31/-2.8 | 0.22/0.65 | -0.22/-0.63 | -1.4/-3.03 | -6.67/-12.89 | -16.84/-17.89 | -19.05/-10.84 | -9.79/-12 | -7.85/-8.63 | -9.23/-5.18 | -4.13/-3.35 | -2.57/-2.16 | -1.74/-1.72 | -6.61/-8.7 |
| Θ(90°) | -2.15/-0.57 | 1.61/1.11 | 0.07/-0.12 | 0.81/-1.38 | -4.89/-8.54 | -6.99/-4.69 | -3.67/-5.01 | -11.46/-18 | -16.5/-10.19 | -8.98/-7.06 | -4.72/-4.78 | -1/-1.26 | -1.94/-2.2 | -2.19/-3.33 | -8.6/-9.73 | -16.16/-18.84 | -16.21/-8.87 | -8.61/-11.42 | -5.38/-7.81 | -6.99/-2.78 | -2.94/-2.92 | -2.5/-2.2 | -1/-0.41 | -2.99/-4.71 |
| Θ(97.5°) | 0.44/0.31 | 2.38/0.8 | -0.86/-2.17 | -3.8/-5.15 | -4.43/-4.2 | -5.43/-5.88 | -6.15/-8.14 | -14.84/-14.91 | -11.99/-6.2 | -2.55/-0.93 | -1.14/-1.04 | -0.34/-0.88 | -1.4/-0.73 | -3.22/-3.84 | -4.28/-6.15 | -17.57/-14.29 | -12.76/-7.49 | -13.76/-18.85 | -5.63/-6.06 | -9.67/-2.26 | -3.77/-2.33 | -0.99/-0.28 | 1.23/-0.05 | -0.79/-1.34 |
| Θ(105°) | -0.75/-0.54 | 1.24/0.31 | -2.21/-5.04 | -5.71/-3.34 | -3.58/-3.35 | -6.05/-7.81 | -10.2/-13.83 | -15.59/-12.87 | -7.04/-4.29 | -1.95/0.14 | 0.62/0.59 | 1.11/0.07 | -0.8/-0.59 | -1.66/-2.62 | -2.84/-3.44 | -9.23/-10.71 | -14.17/-8.07 | -10.13/-17.14 | -4.43/-10.01 | -10.19/-4.81 | -6.48/-2.84 | -3.04/-0.76 | -0.56/-1.68 | -1.01/-0.43 |
| Θ(112.5°) | -1.32/-1.1 | -0.86/-2.5 | -4.3/-3.2 | -1.35/-0.96 | -1.12/-3.38 | -11.17/-15.08 | -12.16/-18.79 | -18.19/-12.76 | -6.66/-3.58 | -1.9/0.01 | 0.45/0.16 | -0.2/-0.57 | -1.69/-2.01 | -3.77/-4.49 | -5.12/-5.31 | -11.13/-15.04 | -12.49/-12.52 | -14.21/-18.08 | -9.31/-17.85 | -7.51/-6.88 | -6.86/-4.74 | -3.68/0.82 | 0.43/-0.25 | -1.3/-2.75 |
| Θ(120°) | -1.18/-1.81 | -0.35/-0.5 | -0.12/-0.46 | -1.06/-2.07 | -1.6/-2.77 | -7.76/-19.1 | -16.01/-14 | -15.72/-18.85 | -7.27/-3.01 | -0.99/0.29 | -0.21/-1.16 | -2.64/-3.38 | -4.32/-4.23 | -5.61/-4.7 | -7.03/-8.73 | -12.89/-17.4 | -14.76/-18.5 | -11.95/-17.8 | -12.9/-14.58 | -6.05/-7.06 | -5.74/-7.12 | -3.82/0.22 | -0.12/-1.08 | -0.56/-1.68 |
| Θ(127.5°) | -1.67/0.77 | 1.64/2.5 | 2.16/1.18 | -0.34/-0.94 | -2.17/-5.48 | -12.69/-14.94 | -18.83/-14.4 | -13.76/-15.98 | -12.04/-4 | -1.19/-0.39 | 0.14/-0.82 | -1.87/-3.92 | -6.08/-7.74 | -10.02/-10.03 | -11.59/-19.32 | -18.4/-18.82 | -12/-16.21 | -18.54/-15.83 | -18.46/-13.95 | -11/-10.46 | -6.83/-13.33 | -6.45/-4.45 | -4.3/-4.65 | -2.63/-3.06 |
| Θ(135°) | -0.8/1.74 | 2.29/1.63 | 0.91/-0.27 | -0.35/-0.77 | -2.21/-5.63 | -10.39/-18.18 | -17.78/-15.08 | -13.07/-13.38 | -16.45/-8.79 | -4.01/-2.08 | -2.31/-3.67 | -2.78/-4.3 | -4.9/-7.92 | -12.29/-11.09 | -12.28/-18.09 | -18.49/-17.02 | -18.77/-17.59 | -17.55/-19.01 | -15.07/-15.43 | -17.55/-9.69 | -9.21/-9.89 | -5.18/-3.87 | -2.58/-2.38 | -3.14/-2.26 |
| Θ(142.5°) | -0.05/0.99 | 1.75/1.21 | 0.53/-0.75 | -1.5/-2.86 | -5.2/-10.45 | -18.65/-16.81 | -16.74/-14.89 | -10.02/-9.41 | -15.74/-18.66 | -14.51/-6.99 | -5.19/-5.4 | -6.77/-11.31 | -9.32/-10.29 | -18.25/-17.69 | -18.79/-10.48 | -8.5/-10.39 | -16.29/-19.27 | -18.24/-18.07 | -17.48/-18.83 | -14.5/-10.85 | -8.29/-3.24 | -1.72/-1.68 | -0.37/-0.53 | -1.19/-0.1 |
| Θ(150°) | -0.85/-0.25 | 0.44/0.29 | -0.65/-1.41 | -3.3/-4.88 | -6.55/-11.27 | -15.87/-18.27 | -17.4/-17.31 | -11.01/-9.55 | -10.35/-13.59 | -18.03/-17.86 | -18.64/-13.44 | -12.54/-12.33 | -8.98/-9.72 | -13.62/-10.32 | -9.45/-14.76 | -17.46/-16.37 | -18.49/-19.27 | -18.51/-17.57 | -17.3/-18.04 | -18.91/-16.78 | -6.51/-2.49 | -1.81/-0.86 | 0.72/0.28 | -0.6/0 |
| Θ(157.5°) | -1.31/-0.85 | -0.37/-0.53 | -1.33/-2.75 | -4.44/-7.9 | -13.2/-16.37 | -17.29/-18.77 | -19.09/-12.77 | -10.81/-10.88 | -10.33/-8.19 | -6.7/-6.35 | -7.03/-8.55 | -10.68/-11.33 | -12.6/-18.47 | -18.9/-15.32 | -12.9/-12.93 | -14.19/-18.56 | -16.55/-18.81 | -18.5/-16.48 | -14.84/-17.3 | -18.42/-13.31 | -7.99/-5.43 | -4.61/-3.86 | -2.2/-1.19 | -1.02/-1.11 |
| Θ(165°) | -2.95/-2.25 | -2.41/-3.33 | -5.07/-7.85 | -12.76/-18.98 | -18.81/-18.04 | -17.46/-18.69 | -18.29/-18.83 | -12.69/-9.15 | -6.79/-6.07 | -6.18/-7.83 | -10.65/-13.08 | -11.47/-9.26 | -8.53/-9.86 | -12.14/-12.92 | -11.27/-11.65 | -13.37/-15.65 | -17.76/-18.31 | -18.1/-18.43 | -17.79/-17.72 | -13.63/-9.37 | -8.08/-8.26 | -8.44/-7.42 | -5.74/-4.23 | -3.28/-2.86 |
| Θ(172.5°) | -12.72/-13.55 | -14.13/-14.99 | -15.17/-14.08 | -13.56/-14.02 | -16.11/-17.87 | -18.5/-18.47 | -18.54/-15.98 | -11.93/-9.86 | -10.18/-12.67 | -17.32/-16.62 | -11.93/-8.82 | -7.2/-7.35 | -7.93/-9.26 | -11.95/-18.18 | -18.03/-18.6 | -18.39/-17.5 | -18.86/-18.49 | -18.33/-19.33 | -17.93/-19 | -18.35/-17.18 | -17.73/-15.4 | -12.61/-11.3 | -10.5/-9.46 | -8.8/-8.64 |
| Θ(180°) | -14.44/-14.2 | -13.16/-12.15 | -12.17/-12.71 | -13.5/-14.51 | -15.38/-16.74 | -18.65/-18.07 | -18.83/-18.23 | -18.92/-17.82 | -18.68/-13.81 | -10.65/-9.13 | -8.41/-8.09 | -8.02/-9.41 | -11.53/-14.15 | -16.71/-19.14 | -19.12/-17.71 | -19.94/-18.35 | -17.54/-17.69 | -17.99/-17.98 | -18.39/-18.72 | -17.95/-17.65 | -18.46/-17.75 | -15.75/-15.55 | -15.8/-15.76 | -15.68/-15.34 |
| Freq(Hz) | 5.3G/Pol. | Phi/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | -8.04/-8.89 | -10.72/-11.75 | -11.42/-9.99 | -7.76/-5.15 | -3.2/-2.05 | -1.72/-1.93 | -1.62/-1.31 | -0.73/-0.49 | -0.4/-0.63 | -1.06/-1.74 | -2.93/-4.19 | -5.26/-6.68 | -8.65/-10.6 | -11.85/-11.68 | -10.82/-8.44 | -5.95/-4.44 | -3.77/-3.6 | -2.78/-1.33 | -0.46/-0.15 | -0.21/-0.39 | -0.43/-0.61 | -1.05/-1.89 | -2.63/-3.64 | -4.74/-5.93 |
| Θ(7.5°) | -12.13/-12.94 | -12.29/-9.8 | -7.08/-5.17 | -3.79/-2.47 | -1.07/0.15 | 0.52/0.38 | 0.52/0.52 | 0.93/0.78 | 0.28/-0.48 | -1.03/-1.67 | -2.5/-3.77 | -5.16/-6.39 | -8.08/-11.42 | -16.61/-18.6 | -17.88/-10.93 | -7.63/-5.65 | -4.26/-3.03 | -2.02/-0.63 | -0.04/0.29 | 0.52/0.53 | 0.47/0 | -0.8/-1.8 | -3.05/-4.35 | -5.42/-7.06 |
| Θ(15°) | -17.99/-18.17 | -15.51/-10.34 | -8.09/-6.65 | -5.09/-3.33 | -1.83/-0.51 | 0.18/0.34 | 0.61/0.87 | 1.1/0.87 | 0.39/-0.12 | -0.51/-1.07 | -2.16/-3.57 | -5.18/-7.49 | -10.74/-17.87 | -18.54/-12.84 | -8.78/-5.81 | -3.8/-2.99 | -3.07/-2.82 | -3.67/-3.49 | -2.64/-2.04 | -1.97/-1.85 | -1.29/-1.13 | -1.66/-2.52 | -3.55/-4.94 | -7.34/-10.82 |
| Θ(22.5°) | -15.73/-18.13 | -12.24/-10.31 | -9.29/-7.64 | -5.96/-3.73 | -1/1.08 | 2.09/2.41 | 2.53/2.78 | 2.93/2.47 | 1.33/0.18 | -1.11/-2.05 | -2.87/-4.43 | -7.61/-12.99 | -17.41/-18.2 | -17.57/-10.49 | -6.85/-5.71 | -4.98/-3.48 | -2.61/-2.11 | -2.42/-2.83 | -3.24/-3.27 | -2.91/-2.62 | -2.13/-1.92 | -2.31/-3.91 | -6.23/-8.54 | -10.36/-13.23 |
| Θ(30°) | -11.34/-18.03 | -17.95/-15.31 | -9.24/-5.17 | -2.12/-0.15 | 1.09/1.79 | 2.67/3.62 | 3.76/3.45 | 2.78/2.35 | 1.8/0.87 | -0.4/-2.38 | -4.98/-6.37 | -9.91/-17.86 | -17.8/-18.62 | -18.75/-10.85 | -7.19/-5.64 | -2.32/-0.07 | 0.01/-0.54 | -1.85/-2.34 | -1.96/-1.47 | -2.12/-3.35 | -3.02/-2.61 | -3.32/-4.93 | -8.07/-13.1 | -11.75/-10.33 |
| Θ(37.5°) | -10.83/-18.48 | -16.18/-9.83 | -7.03/-3.58 | -1.48/0.48 | 1.54/2.36 | 3.04/3.16 | 2.78/2.23 | 1.51/0.63 | -0.81/-1.84 | -2.84/-6.19 | -9.28/-15.05 | -18.79/-16.21 | -11.45/-12.72 | -17.13/-12.47 | -8.65/-4.38 | -2.43/-2.08 | -3.9/-4.86 | -3.79/-3.17 | -4.01/-5.85 | -7.19/-7.66 | -7.43/-5.85 | -4.24/-4.51 | -7.33/-16.53 | -13.02/-9.67 |
| Θ(45°) | -15.19/-15.65 | -8.87/-7.42 | -5.99/-5.49 | -4.29/-2.43 | 0.08/0.66 | 0.15/-1.52 | -3.75/-4.7 | -4.81/-6.3 | -8.18/-8.4 | -9.52/-10.02 | -12.06/-15.83 | -19.05/-18.09 | -11.39/-11.92 | -18.4/-17.79 | -13.96/-9.61 | -11.39/-16.23 | -16.26/-17.39 | -18.97/-19.45 | -17/-12.11 | -9.44/-9.33 | -9.18/-8.6 | -7.91/-8.08 | -10.64/-17.67 | -12.29/-8.54 |
| Θ(52.5°) | -17.92/-12.13 | -8.97/-10.12 | -10.25/-9.11 | -7.65/-5.65 | -5.16/-4.84 | -7.11/-11.12 | -17.79/-17.45 | -14.36/-13.41 | -13.87/-13.37 | -12.76/-13.11 | -18.23/-15.41 | -13.87/-15.71 | -12.39/-15.87 | -18.7/-17.9 | -17.92/-17.6 | -13.04/-11.51 | -10.58/-11.37 | -12.47/-10.46 | -9.19/-10.29 | -9.97/-7.88 | -8.97/-11.94 | -9.57/-7.76 | -9.91/-14.03 | -17.16/-10.82 |
| Θ(60°) | -18.77/-13.54 | -11.66/-12.21 | -15.02/-16.97 | -11.47/-9.1 | -10.96/-7.43 | -5.28/-4.71 | -5.91/-6.35 | -4.05/-2.92 | -3.64/-7 | -8.23/-7.89 | -11.14/-14.09 | -17.12/-18.88 | -15.2/-18.37 | -18.14/-12.24 | -6.91/-8.62 | -7.33/-8.86 | -12.52/-11.09 | -8.56/-7.47 | -8.4/-10.3 | -11.59/-9.75 | -7.56/-9.43 | -15.06/-10.56 | -10.34/-13.56 | -18.5/-15.03 |
| Θ(67.5°) | -15.6/-13.58 | -14.77/-18.25 | -19.17/-17.38 | -14.06/-8.69 | -5.12/-3.98 | -3.81/-4.51 | -5.18/-6.45 | -7.25/-4.33 | -2.27/-3.09 | -8.6/-11.7 | -17.96/-16.84 | -19.05/-19.03 | -19.22/-18.69 | -17.71/-8.86 | -7.42/-7.07 | -7/-14.97 | -12.32/-8.95 | -6.33/-8.25 | -10.35/-8.26 | -7.55/-10.35 | -7.89/-7.32 | -8.6/-12.47 | -11.12/-12 | -17.2/-17.07 |
| Θ(75°) | -17.8/-17.78 | -17.67/-19.49 | -14.09/-14.49 | -11.44/-5.29 | -5.12/-6.89 | -11.37/-13.28 | -11.42/-12.08 | -17.28/-13.37 | -7.86/-4.81 | -6.81/-18.56 | -18.76/-13.48 | -19.01/-18.14 | -14.29/-15.32 | -17.63/-13.41 | -7.68/-4.84 | -6.3/-11.07 | -11.87/-13.45 | -11.31/-7.18 | -9.14/-11.43 | -9.55/-9.25 | -7.67/-8.32 | -8.76/-12.32 | -18.31/-10.99 | -14.67/-18.78 |
| Θ(82.5°) | -16.94/-17.64 | -15.4/-17.44 | -18.15/-14.74 | -11.78/-14.7 | -18.43/-9.77 | -7.04/-10.9 | -19.03/-11.8 | -10.88/-12.6 | -9.74/-7.95 | -8.83/-11.79 | -11.67/-14.23 | -16.03/-19.17 | -11.32/-17.94 | -18.41/-12.89 | -8.33/-10.47 | -14.17/-17.43 | -17.44/-11.04 | -8.02/-7.42 | -7.1/-7.23 | -5.07/-6.19 | -6.54/-8.03 | -11.9/-11.09 | -15.15/-13.05 | -14.64/-13.8 |
| Θ(90°) | -17.05/-18.16 | -17.35/-15.71 | -18.89/-14.37 | -13.07/-18.47 | -10.6/-7.63 | -8.39/-10.78 | -14.76/-18.16 | -9.75/-10.7 | -19.14/-19.02 | -12.14/-8.39 | -8.54/-10.81 | -14.17/-11.78 | -10.14/-18.23 | -13.57/-18.53 | -13.72/-16 | -17.74/-10.36 | -8.82/-6.08 | -3.58/-4.04 | -6.9/-15.16 | -11.92/-12.82 | -9.74/-8.19 | -13.09/-13.62 | -16.24/-15.52 | -13.08/-14.31 |
| Θ(97.5°) | -12.88/-14.08 | -11.95/-10.83 | -12.08/-13.2 | -13.86/-13.71 | -9.46/-10.75 | -18.35/-17.95 | -19.46/-15.95 | -10.01/-10.54 | -12.6/-18.29 | -12.05/-6.96 | -6.41/-8.97 | -10.71/-11.38 | -10.3/-19.19 | -12.1/-17.94 | -15.95/-14.92 | -15.03/-14 | -8.74/-3 | -3.97/-4.9 | -6.18/-13.71 | -12.81/-14.18 | -10.9/-10.85 | -18.02/-15.03 | -19.13/-17.26 | -11.61/-14.27 |
| Θ(105°) | -11.87/-11 | -10.85/-8.02 | -9.38/-11 | -11.53/-12.25 | -13.12/-14.44 | -14.1/-16.54 | -19.13/-18.87 | -13.24/-6.4 | -11.85/-15.32 | -8.59/-5.14 | -5.36/-7.57 | -12.79/-12.76 | -9.54/-17.98 | -11.69/-16.62 | -17.51/-17.23 | -15.03/-18.47 | -11.94/-6.13 | -4.83/-12.51 | -17.13/-12.31 | -17.73/-19.1 | -19.07/-11.81 | -15.31/-18.86 | -14.78/-17.33 | -16.58/-17.26 |
| Θ(112.5°) | -9.74/-7.59 | -7.64/-8.07 | -8.61/-9.58 | -6.98/-7.41 | -8.13/-6.93 | -7.57/-7.02 | -9.7/-13.61 | -18.65/-6.01 | -6.58/-8.75 | -10.58/-6.52 | -4.87/-7.13 | -10.42/-14.13 | -11.22/-13.73 | -10.58/-18.86 | -11.75/-12.15 | -18.71/-18.14 | -8.99/-5.09 | -3.27/-6.37 | -10.93/-11.03 | -12.19/-17.81 | -19.01/-17.6 | -18.76/-18.27 | -18.41/-18.76 | -14.82/-15.18 |
| Θ(120°) | -10.89/-9.37 | -6.81/-6.92 | -6.77/-7.18 | -7.33/-7.72 | -3.93/-1.47 | -4.37/-6.26 | -5.91/-7.82 | -12.8/-11.71 | -7.7/-3.17 | -4.07/-6.84 | -6.2/-8.92 | -9.71/-18.15 | -13.28/-15.62 | -9.92/-18.11 | -13.55/-16.41 | -14.88/-18.33 | -13.19/-3.33 | -3.96/-9.03 | -17.6/-8.53 | -7.2/-12.72 | -9.81/-12.89 | -18.23/-18.06 | -15.88/-18.12 | -13/-13.92 |
| Θ(127.5°) | -13.41/-7.88 | -6.87/-4.88 | -3.84/-4.06 | -2.69/-3.03 | -2.29/-3.24 | -5.76/-5.87 | -3.05/-2.62 | -5.42/-11.58 | -6.89/-6.2 | -4.78/-4 | -6.62/-8.68 | -16.26/-14.53 | -17.65/-18.45 | -16.43/-15.01 | -13.63/-18.52 | -12.62/-11.48 | -18.77/-17.65 | -12.33/-10.37 | -10.88/-8 | -8.05/-9.53 | -11.99/-14.34 | -18.63/-18.21 | -18.01/-18.27 | -12.54/-16.38 |
| Θ(135°) | -14.49/-9.07 | -5.22/-5.05 | -3.23/-2.93 | -2.42/-0.06 | -0.01/-0.95 | -4.32/-6.9 | -4.32/-2.05 | -2.38/-5.82 | -9.65/-7.32 | -6.78/-5.73 | -6.19/-6.44 | -11.49/-17.52 | -18.8/-17.75 | -16.15/-14.64 | -19.01/-18.17 | -19.03/-18.28 | -12.69/-12.79 | -14.35/-18.2 | -18.39/-17.71 | -11.17/-7.68 | -8.77/-12.72 | -13.42/-10 | -12.36/-18.02 | -18.36/-18.03 |
| Θ(142.5°) | -15.12/-12.78 | -5.91/-4.88 | -4/-2.89 | -3.06/-1.3 | -0.52/-2.78 | -5.62/-5.72 | -4.46/-3.21 | -2.47/-4.05 | -8.4/-13.97 | -14.15/-12.87 | -11.19/-13.45 | -11.55/-12.46 | -15.19/-15.28 | -16.99/-18.02 | -18.07/-15.91 | -16.57/-17.87 | -11.4/-10.28 | -15.33/-18.43 | -18.19/-16.53 | -14.04/-10.9 | -8.35/-8.95 | -7.61/-6.14 | -9.07/-17.17 | -15.22/-12.99 |
| Θ(150°) | -17.87/-16.48 | -8.89/-6.36 | -4.29/-3.06 | -2.19/-2.48 | -2.72/-3.12 | -4.64/-4.82 | -2.01/-0.02 | -0.14/-2.72 | -7.27/-10.35 | -11.23/-12.43 | -13.71/-15.12 | -15.56/-19.59 | -18.35/-18.69 | -19.27/-19.03 | -18.61/-18.46 | -18.14/-10.14 | -6.83/-7.34 | -9.91/-16.18 | -18.32/-18.89 | -13.66/-7.01 | -4.6/-4.98 | -5.67/-6.72 | -10.57/-12.1 | -12.36/-16.3 |
| Θ(157.5°) | -13.74/-11.12 | -7.93/-6.42 | -5.55/-4.72 | -4.98/-5.7 | -6.64/-9.12 | -9.35/-5.69 | -3.45/-3.16 | -3.37/-3.34 | -3.48/-5.09 | -8.3/-9.73 | -9.81/-11.09 | -14.26/-14.78 | -13.96/-14.26 | -17.18/-17.57 | -17.27/-10.61 | -6.63/-5.49 | -7.28/-12.81 | -18.29/-18.56 | -19.16/-12.31 | -7.09/-4.76 | -4.72/-6.55 | -7.31/-7.51 | -8.64/-10.87 | -14.35/-17.88 |
| Θ(165°) | -18.67/-14.2 | -10.84/-9.34 | -9.73/-10.44 | -9.02/-8.23 | -9.09/-11.7 | -11.3/-7.57 | -5.61/-4.83 | -3.8/-2.58 | -2.35/-3.58 | -6.23/-9.23 | -11.94/-17.78 | -18.75/-16.9 | -16.38/-17.52 | -18.65/-18.3 | -18.91/-16.69 | -15.22/-14.87 | -15.33/-17.23 | -17.42/-13.53 | -9.97/-7.84 | -7.51/-8.88 | -9.8/-9.46 | -9.12/-9.82 | -10.73/-12.07 | -14.78/-18.97 |
| Θ(172.5°) | -18.5/-19.04 | -18.94/-17.46 | -15.23/-13.52 | -12.59/-11.77 | -10.95/-9.36 | -6.99/-5.64 | -5.33/-4.89 | -4.33/-4.47 | -5.98/-9.3 | -16.34/-19.32 | -18.53/-15.83 | -16.25/-19.39 | -18.27/-18.85 | -17.89/-18.84 | -18.67/-15.54 | -13.78/-14.45 | -16.12/-15.63 | -16.14/-14.75 | -14.41/-15.86 | -16.32/-13.21 | -10.95/-10.58 | -11.52/-12.89 | -15.48/-18.94 | -18.98/-18.6 |
| Θ(180°) | -18.37/-18.1 | -17.82/-19.72 | -17.55/-16.03 | -14.79/-13.86 | -11.79/-10.66 | -11.11/-12.57 | -12.73/-12.52 | -13.68/-15.79 | -17.8/-15.3 | -11.7/-10.85 | -12.01/-13.9 | -17.08/-18.88 | -18.91/-17.99 | -17.97/-18.92 | -18.35/-17.98 | -18.01/-18.5 | -18.82/-18.39 | -18.38/-17.69 | -18.69/-18.48 | -17.5/-18.51 | -17.75/-18.5 | -19.13/-19.24 | -18.53/-18.3 | -19.24/-18.34 |
| Freq(Hz) | 5.3G/Pol. | Theta/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | -1.4/-0.72 | -0.43/-0.48 | -0.74/-0.87 | -0.9/-1.47 | -2.38/-3.52 | -4.5/-5.82 | -7.69/-10.57 | -13.68/-12.99 | -11.08/-9.81 | -8.18/-6.12 | -3.96/-2.63 | -1.94/-1.66 | -1.22/-0.91 | -0.59/-0.75 | -1.12/-1.17 | -1.07/-1.29 | -1.88/-3.07 | -4.07/-5.69 | -6.99/-8.95 | -10.7/-12.16 | -11.9/-9.3 | -6.99/-5.34 | -4.25/-3.34 | -2.67/-2.23 |
| Θ(7.5°) | -0.53/0.36 | 0.63/0.68 | 0.58/0.26 | -0.26/-1 | -2.36/-4.21 | -5.87/-7.61 | -9.04/-12.26 | -14.16/-12.26 | -9.55/-7.53 | -5.68/-4.41 | -3.34/-2.11 | -1.26/-1.05 | -0.74/-0.3 | 0.16/0.2 | 0.01/0.15 | 0.29/0.14 | -0.43/-1.64 | -3.14/-4.74 | -6.18/-7.95 | -10.4/-16.27 | -18.47/-13.54 | -9.63/-6.72 | -5.05/-4.04 | -3.54/-2.95 |
| Θ(15°) | 1.72/1.96 | 1.9/1.57 | 1.12/0.59 | -0.12/-1.09 | -2.24/-3.57 | -4.85/-7.14 | -10.06/-13.1 | -12.83/-11.46 | -9.27/-6.48 | -4.54/-3.03 | -1.54/-0.38 | 0.07/-0.08 | -0.19/0.02 | 0.47/0.7 | 0.43/-0.08 | -0.77/-1.62 | -2.81/-4.37 | -6.14/-7.37 | -8.82/-11.08 | -13.71/-19.28 | -17.77/-14.41 | -9.07/-5.35 | -3.33/-1.95 | -1.03/0.01 |
| Θ(22.5°) | 2.54/2.95 | 2.92/2.48 | 1.78/0.76 | -0.39/-1.18 | -1.9/-2.75 | -3.94/-6.5 | -10.99/-14.01 | -10.57/-8.28 | -5.52/-2.97 | -1.11/0.09 | 0.92/1.48 | 1.43/1.08 | 0.77/0.51 | 0.68/0.98 | 0.69/0.09 | -0.6/-1.25 | -2.32/-3.19 | -4.1/-5.9 | -8.7/-11.86 | -13.84/-18.96 | -18.68/-13.97 | -10.3/-6.75 | -3.74/-2.21 | -0.54/0.95 |
| Θ(30°) | 1.08/1.73 | 1.32/0.58 | -0.1/0.08 | -0.06/-0.18 | -0.5/-1.28 | -2.85/-5.38 | -8.95/-11.68 | -13.45/-7.88 | -3.09/-1.12 | -0.3/0.62 | 1.64/1.86 | 1.81/1.38 | 0.64/-0.1 | 0.35/1.14 | 1.31/0.58 | -0.44/-1.44 | -3.27/-5.46 | -6.47/-6.28 | -7.27/-10.17 | -14.96/-18.66 | -15.4/-8.88 | -6.71/-5.83 | -3.96/-2.89 | -1.71/-0.16 |
| Θ(37.5°) | 1.53/1.31 | -0.27/-1.13 | 0.01/0.97 | 1.79/1.58 | 0.58/-0.19 | -1.67/-4.32 | -7.71/-11.22 | -9.64/-5.35 | -2.06/-0.58 | -1.06/-0.6 | 1.64/2.35 | 1.35/0.47 | -0.79/-1.26 | -0.33/-0.25 | -1.32/-2.49 | -3.05/-4.54 | -7.54/-8.26 | -7.5/-7.41 | -8.05/-7.26 | -7.3/-10.63 | -17.99/-12.86 | -7.46/-4.91 | -3.61/-2.42 | -0.97/0.68 |
| Θ(45°) | 0.73/0.82 | 0.18/0.52 | 1.24/1.87 | 1.97/1.91 | 0.76/-1.34 | -3.62/-6.24 | -9.21/-12.8 | -8.56/-5.09 | -4.21/-2.51 | -0.99/-2.86 | -1.47/0.8 | -0.15/-2.48 | -3.64/-4.43 | -3.12/-3.7 | -5.58/-5.58 | -7.77/-8.74 | -7.51/-10.14 | -11.59/-9.69 | -9.75/-12.6 | -7.76/-5.31 | -6.78/-6.94 | -6.1/-5 | -3.6/-3.46 | -3.4/-1.56 |
| Θ(52.5°) | -0.2/-0.18 | -0.45/0.66 | 0.61/1.1 | 0.84/-0.77 | -3.59/-7.77 | -6.13/-5.72 | -8/-13.3 | -13.23/-9.22 | -9.14/-6.41 | -5.12/-9.54 | -6.81/-3.44 | -7.47/-5.46 | -6.2/-5.01 | -8.23/-9.85 | -9.3/-11.49 | -8.84/-8.12 | -10.61/-13.47 | -18.38/-19.07 | -16.26/-14.77 | -18.62/-8.94 | -6.42/-6.29 | -3.97/-4.17 | -2.8/-3.33 | -2.95/-1.29 |
| Θ(60°) | -0.56/-0.91 | -1.2/-0.32 | -0.89/-0.43 | -2.43/-6.37 | -9.43/-5.19 | -2.8/-3.08 | -4.42/-6.72 | -12.27/-10.68 | -7.18/-5.07 | -5.38/-6.46 | -3.21/-0.95 | -3/-2.56 | -2.01/-1.5 | -4.32/-3.16 | -4.25/-4.84 | -6.45/-7.24 | -9.53/-13.26 | -16.62/-14.24 | -11.68/-10.02 | -11.03/-11.36 | -7.64/-4.74 | -1.73/-1.84 | -2.16/-3.04 | -5.54/-1.24 |
| Θ(67.5°) | -2.49/-3.13 | -5.55/-6.35 | -6.82/-8.46 | -8.6/-3.24 | -1.83/-1.14 | -1.49/-1.24 | -2.18/-4.29 | -6.34/-11.39 | -8.18/-2.79 | -1.2/-0.69 | 0.25/1.76 | 1.59/1.7 | 1.66/0.3 | 0.1/-0.39 | -1.82/-4.79 | -5.25/-6.65 | -9.93/-18.08 | -17.18/-18.01 | -15.44/-11.84 | -8.99/-8.24 | -6.9/-5.09 | -3.03/-3.51 | -2.6/-3.48 | -5.36/-4.14 |
| Θ(75°) | -6.34/-6.57 | -9.26/-13.33 | -16.5/-9.49 | -2.87/-0.34 | 0.19/-1.2 | -1.57/-3.03 | -6.37/-5.51 | -3.19/-6.09 | -10.54/-6 | -1.83/0.53 | -0.05/0.98 | 1.61/2.05 | 1.85/0.74 | 0.3/-0.01 | -2.87/-5.79 | -6.51/-7.65 | -13.99/-12.87 | -10.51/-8.91 | -8.66/-11.89 | -9.5/-5.55 | -5.49/-5.55 | -3.56/-3.02 | -4.18/-4.31 | -4.52/-5.45 |
| Θ(82.5°) | -4.51/-4.17 | -2.16/-2.41 | -0.95/-0.74 | 0.62/0.9 | -1.07/-4.69 | -8.66/-9.42 | -7.44/-6.08 | -6.73/-13.15 | -14.28/-10.03 | -6.21/-2.82 | -0.91/-0.73 | 1.06/0.63 | 0.59/-0.74 | -0.32/-1.81 | -7.01/-15.25 | -13.62/-11.72 | -14.76/-11.62 | -6.48/-12.03 | -11.14/-9.97 | -8.21/-3.16 | -2.85/-3.88 | -3.33/-1.99 | -1.38/-4.23 | -5.85/-9.6 |
| Θ(90°) | -0.62/0.12 | 1.79/0 | 0.49/0.64 | 1.52/-0.95 | -7.6/-8.58 | -5.12/-4.29 | -5.09/-4.02 | -5.3/-13.88 | -13.97/-13.83 | -14.05/-8.48 | -4.05/-3.02 | -0.69/-1.05 | -0.87/-2.55 | -0.39/-1.91 | -6.61/-7.8 | -13.94/-16.82 | -19.37/-11.71 | -11.02/-13.85 | -4.15/-7.79 | -7.67/-3.12 | -2.91/-2.22 | -3.54/-1.23 | -0.26/-2.25 | -3.37/-6.21 |
| Θ(97.5°) | 1.04/1.14 | 2.87/0.34 | -0.23/-0.44 | -2.03/-5.34 | -4.17/-4.33 | -5.65/-5.78 | -6.17/-7.66 | -8.13/-18.85 | -12.78/-10.57 | -5.06/-1.11 | -0.74/-1.26 | -0.04/-1.21 | 0/0 | -1/-2.28 | -2.99/-2.92 | -16.16/-14.25 | -12.62/-8.61 | -13.01/-13.77 | -3.9/-6.63 | -8.38/-3.44 | -3.68/-1.1 | -1.5/0.11 | 1.13/-1.42 | -0.24/-1.35 |
| Θ(105°) | 0.14/0.85 | 1.81/-0.45 | -2.12/-4.14 | -5.17/-2.38 | -1.73/-3.03 | -7.9/-11.17 | -10.15/-11.21 | -13.84/-8.61 | -6.73/-8.25 | -3.42/0.35 | 1.15/0.37 | 1.5/0.51 | 0.75/0.2 | 0.27/-1.06 | -1.86/-2.12 | -7.08/-10.74 | -14.04/-11.17 | -19.55/-13.99 | -2.93/-11.07 | -8.21/-6.04 | -4.3/-1.68 | -3.29/-0.72 | -0.22/-1.69 | -0.63/-0.73 |
| Θ(112.5°) | -0.66/0.14 | -0.35/-2.1 | -5.96/-4.15 | -1.43/-1.13 | -1.33/-2.7 | -7.75/-16.16 | -15.16/-10.11 | -14.92/-10.3 | -4.53/-3.86 | -3.58/-1.04 | 0.59/0.95 | 0.6/0.6 | -0.42/-1.52 | -2.16/-2.35 | -4.24/-3.93 | -10.11/-13.49 | -13.92/-13.57 | -18.98/-17.24 | -6.86/-18.85 | -6.33/-6.65 | -5.66/-3.98 | -3.38/0.93 | 0.27/-0.73 | -1.67/-1.07 |
| Θ(120°) | -1.27/-1.49 | 0.25/-0.88 | 0/-0.52 | -0.37/-1.18 | -1.19/-3.08 | -7.43/-18.38 | -13.65/-11.2 | -18.63/-11.99 | -5.45/-3.44 | -2.16/-0.29 | -0.27/-0.66 | -0.95/-2.37 | -3.55/-4.73 | -4.64/-2.63 | -5.86/-7.79 | -10.95/-18.6 | -11.83/-17.86 | -16.46/-12.31 | -9.35/-8.78 | -5.03/-6.88 | -3.49/-7.32 | -2.98/0.62 | -0.77/-1 | -0.12/-0.82 |
| Θ(127.5°) | -0.42/0.77 | 1.96/2.44 | 2.08/1.25 | 0.14/-0.4 | -1.1/-4.46 | -12.88/-17.9 | -19.07/-17.61 | -15.47/-15.15 | -9.47/-3.93 | -2.19/-1.29 | -0.67/0 | -1.21/-1.87 | -5.81/-6.6 | -10.31/-7.72 | -11.32/-18.45 | -18.48/-18.59 | -13.56/-14.07 | -17.71/-14.21 | -17.68/-11.85 | -10.63/-8.69 | -6.07/-15.28 | -5.45/-4.26 | -4.74/-4.16 | -2.56/-3.04 |
| Θ(135°) | 0/2.24 | 2.14/2.23 | 1.36/0.77 | 0.84/0.42 | -0.91/-5.59 | -14.95/-19.05 | -18.83/-13.75 | -11.84/-17.71 | -18.54/-9.3 | -3.84/-2.28 | -2.47/-3.54 | -2.86/-3.13 | -4.21/-6.54 | -12.91/-10.8 | -13.09/-17.82 | -18.39/-18.39 | -16.96/-17.97 | -18.85/-17.78 | -14.24/-17.19 | -17.75/-9.47 | -8.72/-9.02 | -5.09/-4.04 | -3.07/-2.85 | -2.3/-2.43 |
| Θ(142.5°) | -0.17/2.04 | 2.43/1.57 | 0.95/-0.26 | -1.27/-2.58 | -4.74/-9.67 | -19.19/-18.96 | -13.96/-9.45 | -9.45/-12.19 | -15.02/-19.24 | -13.53/-7.45 | -4.66/-4.8 | -6.46/-10.62 | -8.49/-8.43 | -14.13/-18.87 | -18.74/-11.68 | -8.22/-8.34 | -11.88/-14.52 | -14.95/-18.34 | -17.13/-18.36 | -17.13/-11.28 | -7.61/-2.85 | -1.34/-1.19 | -0.34/-1.01 | -0.89/-0.46 |
| Θ(150°) | -0.64/0.51 | 1.31/0.66 | -0.28/-0.8 | -1.91/-3.37 | -5.06/-9.53 | -16.52/-19.35 | -18.01/-16.22 | -10.04/-8.19 | -9.22/-12.6 | -15.06/-17.51 | -19.04/-18.15 | -16.17/-14.97 | -10.82/-9.93 | -13.35/-11.54 | -9.65/-11.87 | -15.01/-15.23 | -18.78/-18.67 | -16.59/-17.29 | -19.01/-18.57 | -19.19/-11.82 | -5.94/-2.26 | -0.8/0.2 | 0.91/0.27 | 0.43/0.48 |
| Θ(157.5°) | -0.82/0.09 | 0.49/-0.14 | -0.99/-2.36 | -3.69/-6.23 | -11.55/-17.9 | -17.89/-18.32 | -19.07/-13.57 | -11.68/-11.59 | -9.74/-8.05 | -7.72/-6.93 | -6.55/-7.99 | -11.19/-13.55 | -12.65/-13.31 | -18/-17.27 | -13.2/-12.52 | -16.28/-18.51 | -19.21/-17.33 | -19.1/-19.02 | -17.3/-16.5 | -18.02/-11.23 | -6.94/-4.96 | -3.76/-2.64 | -1.59/-0.68 | -0.28/-0.54 |
| Θ(165°) | -2.75/-2.52 | -2.82/-4.24 | -6.14/-8.25 | -11.75/-15.43 | -17.69/-19.14 | -18.74/-17.81 | -19.21/-18.41 | -14.21/-9.76 | -6.71/-5.08 | -4.88/-5.91 | -8.35/-12.9 | -16.73/-12.92 | -10.78/-11.21 | -14.17/-16.04 | -13.17/-11.36 | -12.18/-14.57 | -18.91/-18.52 | -18.4/-18.38 | -19.11/-17.92 | -12.91/-10.6 | -9.08/-7.97 | -7.3/-6.76 | -5.42/-3.56 | -2.72/-2.34 |
| Θ(172.5°) | -13.39/-13.06 | -12.92/-12.11 | -11.2/-10.5 | -10.63/-12.45 | -15.69/-17.53 | -18.53/-18.57 | -17.99/-16.26 | -11.38/-8.94 | -8.43/-8.84 | -11/-13.74 | -13.18/-10.29 | -8.74/-8.33 | -8.51/-9.55 | -11.64/-13.62 | -18.53/-18.33 | -18.93/-17.83 | -17.15/-19.13 | -18.52/-17.89 | -18.32/-18.56 | -18.03/-18.95 | -15.28/-13.72 | -12.59/-11.65 | -10.84/-9.48 | -9.05/-8.54 |
| Θ(180°) | -15.99/-13.4 | -11.44/-11.36 | -12.58/-14.77 | -16.54/-16.22 | -16.7/-19.02 | -17.76/-18.73 | -18.13/-18.09 | -18.75/-18.65 | -17.86/-17.02 | -12.06/-8.52 | -6.83/-6.51 | -7.24/-8.97 | -11.39/-14.43 | -18.22/-18.99 | -18.86/-18.75 | -19.13/-18.64 | -18.2/-18.28 | -18.93/-18.39 | -18.12/-18.17 | -18.4/-19.07 | -18.17/-18.13 | -19.04/-18.35 | -15.66/-14.12 | -14.51/-15.52 |
| Freq(Hz) | 5.6G/Pol. | Phi/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | -6.85/-7.3 | -7.97/-7.15 | -5.97/-5.94 | -5.65/-4.33 | -3.14/-2.73 | -2.55/-2.2 | -1.37/-1.09 | -1.37/-2.12 | -2.47/-1.98 | -2.21/-3 | -4.29/-5.52 | -6.74/-7.93 | -8.69/-8.31 | -7.55/-7.19 | -7.28/-5.99 | -4.61/-3.81 | -3.65/-3.26 | -2.51/-1.46 | -0.9/-1.36 | -2.47/-2.77 | -2.29/-1.65 | -1.55/-2.13 | -2.99/-4.18 | -4.85/-5.2 |
| Θ(7.5°) | -14.15/-15.06 | -13.44/-11.65 | -9.11/-6.94 | -5.32/-4.08 | -3.9/-4.01 | -3.13/-2.17 | -2.27/-3.17 | -3.74/-3.26 | -2.67/-2.62 | -3.63/-4.69 | -4.91/-4.77 | -4.7/-5.31 | -6/-6.79 | -7.86/-9.81 | -12.52/-11.74 | -8.85/-6.53 | -4.85/-3.27 | -2.52/-1.81 | -1.09/-0.78 | -0.95/-1.29 | -1.13/-1.11 | -2.03/-3.24 | -4.49/-5.77 | -7.09/-7.76 |
| Θ(15°) | -17.89/-18.94 | -14.91/-11.97 | -10.57/-8.75 | -6.32/-4.45 | -3.41/-2.77 | -2.13/-1.31 | -0.67/-0.54 | -1.22/-1.93 | -2.23/-2.12 | -2.34/-3.5 | -5.23/-6.02 | -5.26/-5.27 | -6.24/-8 | -10.29/-14.63 | -17.22/-14.1 | -8.64/-6.1 | -4.72/-3.53 | -2.11/-0.6 | -0.21/-0.18 | 0.1/0.45 | 0.27/-0.26 | -1.08/-2.23 | -3.94/-6.05 | -8.29/-11.13 |
| Θ(22.5°) | -17.24/-19.19 | -18.56/-13.81 | -8.86/-6.23 | -4.85/-3.21 | -1.61/-0.23 | 0.22/0.32 | 0.48/0.82 | 1.08/0.78 | 0/-0.72 | -0.73/-0.97 | -2.71/-5.09 | -6.46/-8.61 | -12.49/-18.95 | -18.88/-14.12 | -8.26/-5.61 | -4.83/-4.55 | -4.61/-4.51 | -4.34/-3.27 | -2.33/-2.4 | -3.14/-3.43 | -3.3/-3.17 | -3.53/-4.29 | -5.26/-6.67 | -8.94/-14.26 |
| Θ(30°) | -18.14/-19.06 | -14.66/-10.57 | -8.09/-5.81 | -4.38/-2.66 | -0.94/-0.12 | 0.23/1.29 | 1.58/1.33 | 1.36/1.21 | 0.85/0.08 | -1.1/-1.03 | -1.41/-3.53 | -6.18/-8.68 | -14.59/-17.82 | -13.51/-7.74 | -4.07/-3.67 | -5.11/-6.74 | -5.63/-3.98 | -3.12/-3.25 | -4.6/-5.39 | -4.76/-4.59 | -5.3/-5.89 | -5.99/-6.08 | -6.88/-8.27 | -11.61/-17.16 |
| Θ(37.5°) | -19.01/-18.14 | -11.45/-7.69 | -4.73/-3.4 | -2.45/-1.29 | 0.35/0.82 | 0.85/0.89 | 0.67/0.86 | 0.23/-1.25 | -1.4/-1.05 | -2.58/-2.8 | -3.04/-5.32 | -10.14/-13.18 | -11/-9.37 | -11.76/-8.39 | -6.64/-9.16 | -7.54/-3.62 | -2.37/-3.76 | -6.38/-6.36 | -3.73/-2.84 | -3.32/-3.12 | -2.45/-3 | -5.89/-11.61 | -9.59/-8.27 | -11.83/-19.18 |
| Θ(45°) | -15.54/-10.16 | -8.85/-8.07 | -6.98/-5.23 | -2.74/-0.97 | -0.8/-0.87 | -0.79/-1.36 | -1.67/-2.38 | -3.86/-4.84 | -5.33/-5.55 | -6.89/-9.17 | -7.63/-8.22 | -11.38/-14.64 | -10.41/-8.22 | -14.59/-8.59 | -7.24/-13.92 | -8.39/-6.56 | -11.42/-13.72 | -14.04/-12.75 | -10.21/-9.12 | -10.37/-14.24 | -8.88/-4.3 | -3.06/-6.47 | -13.73/-10.99 | -13.1/-18.11 |
| Θ(52.5°) | -18.23/-13.28 | -9.33/-7.43 | -8.2/-8.01 | -5.36/-3.68 | -4.1/-4.31 | -4.94/-7.57 | -10.35/-14.28 | -15.72/-16.24 | -18.64/-17.97 | -19.53/-18.03 | -17.43/-14.4 | -19.15/-17.37 | -8.92/-11.24 | -18.92/-15.88 | -11.59/-15.35 | -18.35/-16.25 | -12.86/-10.61 | -9.56/-12.3 | -18.52/-19.21 | -10.52/-8.64 | -13.21/-11.37 | -6.27/-6.11 | -12.81/-17.99 | -13.8/-18.78 |
| Θ(60°) | -12.62/-10.75 | -16.54/-15.15 | -12.11/-9.44 | -8.94/-12.92 | -13.63/-8.75 | -6.8/-8.88 | -7.01/-3.63 | -3.65/-7.62 | -9.32/-8.29 | -11.79/-18.4 | -18.92/-13.79 | -18.02/-17.87 | -12.26/-15.73 | -14.84/-18.79 | -8.06/-7.77 | -10.06/-10.79 | -10.41/-11.62 | -17.94/-16.85 | -16.64/-13.75 | -14.2/-16.62 | -12.04/-11.98 | -7.58/-5.26 | -7.96/-13.66 | -17.6/-18.63 |
| Θ(67.5°) | -17.59/-15.89 | -17.93/-15.09 | -13.97/-11.73 | -10.22/-8.45 | -6.67/-5.05 | -3.19/-2.88 | -3.22/-4.46 | -5.06/-4.21 | -4.73/-5.39 | -9.44/-9.91 | -12.59/-13.26 | -17.85/-16.11 | -10.53/-18.68 | -13.18/-16.47 | -5.42/-5.28 | -4.47/-5.92 | -11.32/-14.63 | -15.84/-13.3 | -9.06/-7.98 | -8.12/-8.9 | -11.17/-9.04 | -8.49/-6.74 | -8.5/-12.47 | -18.4/-18.66 |
| Θ(75°) | -18.91/-18.77 | -18.17/-15.15 | -15.37/-10.03 | -7.14/-8.74 | -9.59/-6.91 | -8.22/-8.25 | -7.34/-6.59 | -8.07/-13.18 | -6.65/-5.19 | -7.06/-15.69 | -14.72/-19.09 | -18.85/-18.1 | -12.98/-19.32 | -15.33/-17.04 | -8.42/-5.83 | -4.92/-9.63 | -9.39/-8.44 | -9.49/-9.39 | -5.43/-3.19 | -4/-5.12 | -8.2/-11.81 | -8.51/-9.4 | -9.55/-12.61 | -18.13/-17.88 |
| Θ(82.5°) | -17.59/-16.44 | -12.48/-10.94 | -10.92/-11.34 | -13.7/-18.55 | -16.74/-14.11 | -9.49/-7.11 | -7.37/-10.75 | -16.45/-17.52 | -17.96/-15.12 | -14.29/-19.15 | -18.92/-13.11 | -18.5/-12.47 | -11.61/-13.13 | -18.25/-16.98 | -11.67/-7.81 | -15.68/-18.25 | -16.29/-8.51 | -3.21/-7.56 | -11.72/-6.24 | -3.95/-5.1 | -6.1/-11.46 | -9.12/-9.11 | -12.19/-10.16 | -15.86/-18.99 |
| Θ(90°) | -18.22/-15.11 | -9.73/-12.23 | -15.92/-19.05 | -15.96/-10.44 | -11.37/-7.21 | -8.85/-9.77 | -8.76/-6.97 | -7.81/-12.48 | -14.67/-18.22 | -18.6/-18.48 | -17.13/-9.44 | -13.53/-15.16 | -13.21/-14.48 | -19.06/-17.81 | -9.8/-8.73 | -18.63/-12.53 | -9.6/-4.17 | -2.45/-4.37 | -8.99/-7.49 | -9.76/-9.13 | -5.66/-12.45 | -13.53/-9.72 | -12.25/-11.85 | -12.36/-18.66 |
| Θ(97.5°) | -15.47/-11.96 | -8.35/-10.3 | -18.13/-18.32 | -12.29/-14 | -12.96/-13.27 | -15.28/-18.94 | -15.29/-11.97 | -6.62/-8.03 | -19.25/-14.73 | -10.53/-15.61 | -13.15/-8.14 | -16.96/-12.4 | -12.92/-15.27 | -17.41/-18.42 | -11.54/-12.02 | -13.21/-11.88 | -12.68/-2.96 | -3.29/-7.61 | -11.96/-12.26 | -9.71/-14.35 | -7.83/-16.36 | -12/-11.69 | -16.24/-15.37 | -18.68/-18.37 |
| Θ(105°) | -15.36/-10.59 | -7.43/-11.78 | -17.83/-16.06 | -14.77/-13.87 | -18.7/-16.34 | -15.46/-12.88 | -13.61/-16.01 | -9.94/-13.2 | -17.1/-11.91 | -13.3/-14.75 | -12.11/-6.48 | -10.31/-10.48 | -13.85/-12.74 | -14.54/-12.38 | -15.48/-15.73 | -13.2/-18.42 | -13.28/-5.15 | -5.3/-10.89 | -14.13/-17.58 | -15.9/-18.61 | -17.25/-12.91 | -19.04/-12.68 | -13.23/-17.72 | -14.96/-19.28 |
| Θ(112.5°) | -13.9/-9.76 | -8.6/-10.44 | -18.49/-16.72 | -12.07/-11.2 | -14.5/-9.76 | -10.77/-10.27 | -12.97/-18.22 | -13.16/-9.83 | -11.73/-10.28 | -8.41/-13.33 | -19.45/-8.29 | -10.53/-14.15 | -10.94/-14.13 | -11.32/-14.21 | -11.24/-14.01 | -16.01/-14.43 | -6.46/-3.41 | -2.62/-8.58 | -12.55/-9.04 | -8.73/-17.99 | -18.1/-17.31 | -17.45/-13.48 | -19.16/-16.48 | -12.24/-18.99 |
| Θ(120°) | -14.53/-6.35 | -7.31/-9.27 | -13.35/-10.17 | -9.01/-5.64 | -5.37/-5.66 | -10.22/-12.18 | -11.44/-12.96 | -18.02/-9.8 | -6.86/-8.09 | -7.78/-7.39 | -8.54/-7.53 | -13.78/-11.34 | -12.55/-12.53 | -13.52/-17.91 | -13.69/-17.54 | -12.37/-15.49 | -18.31/-4.73 | -6.31/-17.41 | -13.38/-5.53 | -6.07/-14.77 | -11.68/-16.8 | -16.62/-14.97 | -16.94/-17.56 | -14.36/-18 |
| Θ(127.5°) | -9.53/-11.33 | -7.4/-7.16 | -4.76/-3.88 | -3.92/-4.67 | -2.88/-3.68 | -6.14/-11.8 | -9.16/-7.61 | -9.82/-14.29 | -9.05/-5.99 | -5.66/-8.73 | -8.52/-10.6 | -9.87/-18.93 | -11.67/-15.91 | -10.04/-18.82 | -12.91/-18.29 | -10.84/-10.75 | -18.18/-18.28 | -9.77/-11.04 | -15.14/-14.4 | -14.03/-11.66 | -10.96/-13.82 | -18.74/-14.27 | -14.93/-18.32 | -18.54/-12.95 |
| Θ(135°) | -13.36/-7.94 | -6.41/-7.24 | -5.26/-4.45 | -2.29/-1.3 | -0.94/-1.98 | -5.62/-8.19 | -6.01/-4.24 | -4.93/-8.23 | -8.44/-4.8 | -4.38/-6.04 | -8.68/-9.75 | -9.19/-14.99 | -17.57/-18.44 | -18.19/-15.11 | -17.88/-18.68 | -18.59/-16.13 | -11.19/-18.55 | -10.8/-19.49 | -18.32/-17.01 | -8.73/-8.15 | -9.29/-13.59 | -11.18/-15.27 | -17.73/-17.84 | -18.31/-15.89 |
| Θ(142.5°) | -17.72/-9.69 | -7.29/-7.56 | -5.03/-4.47 | -2.51/-0.52 | -0.21/-3.04 | -9/-6.38 | -2.56/-2.32 | -4.51/-6.95 | -9.27/-8.62 | -6.9/-6.66 | -9.2/-11.83 | -16.47/-18.29 | -18.9/-17.9 | -18.64/-18.21 | -15.87/-14.01 | -15.47/-17.86 | -17.21/-11.89 | -14.44/-18.39 | -17.23/-18.29 | -12.42/-7.98 | -5.51/-7.68 | -5.6/-5.81 | -9.82/-15.04 | -17.84/-18.4 |
| Θ(150°) | -16.03/-9.87 | -7.05/-6.62 | -4.58/-2.34 | -1.81/-1.35 | -1.58/-4.57 | -7.91/-7.34 | -4.1/-2.03 | -1.9/-3.33 | -6.38/-10.82 | -14.02/-13.7 | -11.86/-12.17 | -12.92/-15 | -16.34/-17.9 | -18.84/-16.11 | -11.91/-11.63 | -17.98/-10.29 | -4.31/-3.55 | -7.15/-15.03 | -17.87/-13.99 | -8.53/-5.75 | -4.6/-4.9 | -4.93/-5.79 | -7.57/-8.95 | -12.83/-16.42 |
| Θ(157.5°) | -18.42/-16.97 | -11.6/-8.67 | -6.43/-4.11 | -3.21/-4.4 | -6.62/-6.69 | -5.31/-4.97 | -4.6/-3.23 | -2.41/-3.07 | -4.65/-5.85 | -7.97/-12.04 | -17.8/-17.46 | -15.69/-16.75 | -18.18/-17.75 | -16.26/-16.89 | -17.94/-14.45 | -9.43/-6.4 | -6.92/-13.48 | -18.55/-17.65 | -19.59/-11.53 | -8.59/-6.67 | -5.36/-5.85 | -7.02/-7.78 | -8.96/-11.17 | -18.29/-19.16 |
| Θ(165°) | -18.54/-18.6 | -12.71/-10.19 | -8.93/-7.74 | -7.32/-8.5 | -9.69/-8.16 | -8.14/-7.98 | -4.58/-2.77 | -2.79/-4.22 | -5.83/-6.63 | -7.44/-7.97 | -8.78/-10.13 | -12.81/-14.73 | -13.79/-12.63 | -12.59/-13.05 | -12.59/-13.96 | -15.89/-17.88 | -18.29/-17.71 | -19.02/-17.6 | -17.36/-14.82 | -12.2/-10.37 | -8.76/-8.52 | -9.68/-10.01 | -10.53/-13.41 | -17.96/-18.45 |
| Θ(172.5°) | -19.15/-18.34 | -17.31/-14.59 | -14.47/-16 | -18.08/-14.74 | -10.21/-9.17 | -10.14/-9.86 | -7.37/-5.27 | -4.97/-6.1 | -7.54/-8.62 | -10.88/-13.69 | -17.49/-18.72 | -18.62/-19.48 | -19.19/-18.78 | -17.56/-17.57 | -18.29/-18.68 | -19.13/-18.58 | -14.98/-12.92 | -15.28/-19.08 | -19.17/-18.93 | -16.24/-14.57 | -15.37/-16.58 | -16.14/-15.59 | -17.37/-17.89 | -17.86/-18.05 |
| Θ(180°) | -19.02/-16.4 | -15.27/-15.93 | -16.96/-16.8 | -15.64/-14.91 | -14.84/-14.78 | -13.67/-13.56 | -15.6/-17.84 | -18.31/-17.98 | -18.22/-17.67 | -18.61/-16.64 | -16.69/-18.51 | -19.67/-17.89 | -19.05/-18.78 | -18.25/-18.83 | -18.29/-18.01 | -18.84/-15.18 | -13.29/-12.39 | -13.91/-12.42 | -10.86/-10.44 | -11.05/-11.53 | -11.76/-12.35 | -12.74/-13.58 | -15.98/-17.76 | -18.19/-19.18 |
| Freq(Hz) | 5.6G/Pol. | Theta/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | Φ(0°)/Φ(7.5°) | Φ(15°)/Φ(22.5°) | Φ(30°)/Φ(37.5°) | Φ(45°)/Φ(52.5°) | Φ(60°)/Φ(67.5°) | Φ(75°)/Φ(82.5°) | Φ(90°)/Φ(97.5°) | Φ(105°)/Φ(112.5°) | Φ(120°)/Φ(127.5°) | Φ(135°)/Φ(142.5°) | Φ(150°)/Φ(157.5°) | Φ(165°)/Φ(172.5°) | Φ(180°)/Φ(187.5°) | Φ(195°)/Φ(202.5°) | Φ(210°)/Φ(217.5°) | Φ(225°)/Φ(232.5°) | Φ(240°)/Φ(247.5°) | Φ(255°)/Φ(262.5°) | Φ(270°)/Φ(277.5°) | Φ(285°)/Φ(292.5°) | Φ(300°)/Φ(307.5°) | Φ(315°)/Φ(322.5°) | Φ(330°)/Φ(337.5°) | Φ(345°)/Φ(352.5°) |
| Θ(0°) | -2.01/-1.95 | -1.77/-1.86 | -2.14/-2.37 | -2.9/-3.48 | -4.48/-5.79 | -6.5/-7.34 | -9.43/-11.22 | -9.56/-6.97 | -6.13/-6.26 | -5.74/-4.88 | -3.6/-2.72 | -2.27/-1.83 | -1.35/-0.96 | -1.22/-2.04 | -2.66/-2.94 | -2.92/-3.13 | -3.81/-4.68 | -5.68/-6.3 | -6.84/-7.03 | -7.65/-7.82 | -7.14/-6 | -4.96/-4.2 | -3.4/-3.08 | -2.87/-2.43 |
| Θ(7.5°) | -1.35/-1.27 | -1.3/-1.54 | -2.05/-2.62 | -3.15/-3.91 | -4.96/-7.32 | -10.19/-10.96 | -12.2/-12.98 | -10.54/-7.8 | -5.31/-4.58 | -4.64/-4.45 | -3.63/-3.01 | -2.93/-2.66 | -1.83/-1.36 | -1.54/-1.5 | -1.08/-0.85 | -0.94/-1.21 | -1.7/-2.24 | -3.44/-4.59 | -6.53/-8.32 | -10.03/-9.96 | -8.41/-6.86 | -5.32/-4.07 | -3.38/-2.98 | -2.71/-2.43 |
| Θ(15°) | -1.73/-2.21 | -2.7/-2.95 | -3.02/-3.27 | -4.12/-5.19 | -6.16/-7.26 | -8.53/-8.95 | -8.98/-9.4 | -8.72/-8.28 | -7.2/-5.46 | -3.95/-3.06 | -2.59/-2.24 | -2.23/-2.25 | -1.38/-0.64 | -0.71/-0.45 | 0.13/0.35 | -0.17/-1 | -1.89/-2.32 | -3.37/-4.55 | -6.42/-9.44 | -11.47/-9.45 | -6.49/-4.4 | -2.93/-2.02 | -1.57/-1.58 | -1.84/-2.06 |
| Θ(22.5°) | -2.5/-4.48 | -5.39/-5.31 | -5.38/-5.5 | -5.12/-4.59 | -4.57/-6.1 | -9.69/-9.89 | -8.37/-9.5 | -7.04/-3.69 | -3.13/-4.37 | -4.49/-2.79 | -0.96/0.35 | 0.75/0.89 | 1.39/1.6 | 1.2/1.03 | 1.21/0.76 | -0.34/-1.63 | -2.72/-3.19 | -4.1/-5.7 | -8.98/-14.05 | -18.93/-16.63 | -12.31/-9.12 | -6.35/-3.93 | -2.53/-1.77 | -0.57/-0.58 |
| Θ(30°) | -1.76/-3.88 | -4.64/-3.96 | -3.35/-2.44 | -1.38/-0.62 | -1.6/-3.98 | -6.22/-6.78 | -8.9/-13.85 | -7.32/-3.52 | -2.5/-1.97 | -1.76/-2.09 | -0.41/1.95 | 2.61/2.56 | 2.63/2.24 | 1.41/1.15 | 0.57/-0.14 | -0.8/-1.3 | -1.5/-0.93 | -1.52/-3.25 | -5.57/-7.63 | -10.18/-14.26 | -14.05/-11.9 | -9.87/-7.36 | -5.3/-3.78 | -1.55/-0.5 |
| Θ(37.5°) | -1.47/-2.11 | -1.46/-0.21 | 0.69/1.18 | 1.47/1.44 | 0.75/-0.96 | -3.43/-6.01 | -9.25/-7.32 | -4.99/-3.65 | -2.6/-1.46 | 0.11/0.13 | -0.42/1.11 | 2.22/1.92 | 1.52/0.7 | -0.16/-0.4 | -0.9/-1.03 | -2.45/-3.82 | -5.37/-6.53 | -7.36/-7.1 | -7.35/-7.99 | -9.16/-12.69 | -15.59/-11.17 | -8.21/-7.07 | -7.6/-6.95 | -3.63/-1.95 |
| Θ(45°) | 0.92/0.85 | 0.43/0.74 | 1.73/2.75 | 2.65/1.66 | -0.22/-3.59 | -7.97/-10.19 | -9.37/-7.54 | -5.92/-3.77 | -2.07/-1.9 | -2.18/-1.13 | -1.34/-1.03 | 0.66/0.92 | -0.12/-1.12 | -1.69/-1.76 | -2.46/-2.91 | -3.61/-5.92 | -8.33/-6.65 | -4.74/-5.28 | -8.93/-11.83 | -8.22/-6.42 | -6.78/-8.44 | -7.51/-5.81 | -6.37/-5.6 | -3.77/-1.21 |
| Θ(52.5°) | 1.36/2.52 | 2.53/2.03 | 2.83/2.55 | 1.48/-0.86 | -5.76/-14.82 | -16.91/-10.62 | -9.11/-8.08 | -7.64/-8.12 | -7.48/-4.57 | -4.98/-5.49 | -4.29/-4.97 | -3.66/-3.77 | -4.92/-7.66 | -6.98/-6.39 | -5.51/-6.47 | -6.73/-5.05 | -6.13/-9.61 | -7.1/-6.01 | -10.15/-18.16 | -8.32/-5.24 | -3.84/-3.02 | -5.26/-5.52 | -5.38/-3.81 | -3.28/-1.03 |
| Θ(60°) | 1.86/2.23 | 2.3/2.14 | 2.98/1.68 | -1.21/-7.14 | -16.25/-19.22 | -8.25/-4.53 | -4/-4.54 | -5.16/-7.73 | -14.69/-8.35 | -5.75/-6.15 | -5.61/-6.14 | -3.98/-1.88 | -2.62/-2.62 | -2.4/-2.92 | -5.09/-8.47 | -5.47/-6.53 | -16/-18.48 | -13.86/-12.25 | -13.01/-12.44 | -10.13/-6.97 | -4.66/-2.59 | -2.94/-4.64 | -3.53/-2.01 | -1.59/-0.2 |
| Θ(67.5°) | 1.54/0.37 | 0.49/-0.46 | -0.29/-4.88 | -10.72/-9.74 | -5.99/-6.58 | -9.56/-5.75 | -2.5/-2.68 | -5.16/-6.42 | -10.27/-5.03 | 0.02/0.85 | 0.9/-0.26 | 0.21/2.49 | 1.73/2.26 | 0.02/0.84 | -2.55/-3.01 | -6.04/-10.96 | -12/-15.45 | -18.16/-15.98 | -13.25/-11.54 | -10.38/-6.75 | -6.61/-4.88 | -2.69/-2.29 | -2.59/-2.13 | -2.66/0.33 |
| Θ(75°) | 0.61/-1.57 | -3.61/-5.29 | -3.94/-7.4 | -3.73/-1.84 | -1.03/-3.84 | -10.68/-15.98 | -8.93/-6.69 | -5.81/-6.77 | -10.25/-4.1 | -0.4/0.26 | 1.95/0.82 | 0.91/2.29 | 2.26/1.71 | 0.42/1.02 | -1.27/-2.64 | -7.14/-9 | -8.27/-13.42 | -16.14/-18.26 | -9.28/-10.4 | -8.69/-5.78 | -5.44/-4.18 | -2.94/-3.44 | -1.44/-1.52 | -2.72/-1.42 |
| Θ(82.5°) | -1.97/-1.95 | -4.27/-4.02 | -0.47/-0.32 | 0.7/0.63 | -2.26/-6.84 | -13.14/-19.25 | -9.59/-10.58 | -18.2/-17.66 | -18.33/-6.25 | -1.31/-1.2 | -0.7/-1.33 | -1.63/1.42 | 0.58/0.82 | 0.99/-1.48 | -5.17/-8.21 | -13.08/-6.52 | -5.92/-11.01 | -7.3/-11.4 | -4.92/-7.54 | -4.88/-2.8 | -2.05/-3.7 | -2.51/-3.75 | -3.02/-1.7 | -2.25/-2.63 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(90°) | 0.18/2.12 | 0.47/0.78 | 2.13/1.55 | 0.74/-0.39 | -4.97/-8.76 | -15.7/-15.96 | -8.18/-11.2 | -18.14/-9.78 | -10.51/-8.47 | -7.43/-4.93 | -3.62/-3.34 | -2.27/0.74 | 0.35/-0.27 | 0.75/-1.71 | -4.95/-10.95 | -7.46/-9.89 | -11.56/-10.49 | -7.61/-13.56 | -2.32/-6.59 | -3.26/-0.98 | -1.31/-1.8 | -2.09/-2.51 | -1.27/-0.84 | -1.43/-3.72 |
| Θ(97.5°) | 1.27/4.22 | 2.5/1.87 | 1.4/0.48 | -0.98/-5.36 | -5.2/-5.48 | -8.13/-13.51 | -8.52/-12.26 | -18.1/-9.75 | -8.22/-4.91 | -5.62/-5.16 | -4.67/-2.2 | -2.16/0.18 | -0.9/0.82 | 1.8/-0.96 | -4.69/-4.75 | -7.34/-17.4 | -18.58/-7.23 | -7.85/-12.18 | -3.32/-8.47 | -3.65/-1.43 | -2.14/-1.81 | -2.35/-0.64 | 0.43/0.63 | 1.97/-0.19 |
| Θ(105°) | 1.93/3.37 | 1.94/1.35 | 0.04/-2.4 | -6.31/-4.86 | -3.09/-1.48 | -5.94/-18.87 | -10.65/-12.03 | -17.97/-7.47 | -6.29/-8.01 | -5.64/-1.43 | 0.37/-0.07 | -0.99/1.05 | 1.13/-0.05 | 1.17/-0.64 | -0.79/-5.89 | -3.3/-8.89 | -18.74/-12.73 | -14.04/-10.31 | -4.61/-19.01 | -5.45/-4.38 | -3.2/-4.57 | -2.63/0.01 | 0.65/0.64 | 2.48/2.32 |
| Θ(112.5°) | -0.29/1.87 | -0.79/-2.08 | -4.46/-3.64 | -0.68/0.18 | -2.39/-4.75 | -11.23/-15.48 | -14.52/-18.84 | -12.38/-10.22 | -6.21/-4.99 | -3.61/-2.62 | 0.07/1.54 | 0.98/-0.7 | 0.48/-1.46 | -0.64/-3.04 | -4.51/-7.54 | -10.81/-13.02 | -11.89/-11.8 | -19.1/-11.2 | -7.78/-13.25 | -3.4/-8.16 | -4.91/-6.58 | -2.24/0.27 | 0.29/0.56 | 1.08/0.74 |
| Θ(120°) | -0.22/1.02 | -1.69/-1.78 | -3.47/-0.93 | 0.06/0.39 | -1.75/-5 | -14.14/-18.56 | -17.58/-11.38 | -11.64/-12.35 | -5.63/-3.53 | -3.1/-2.38 | -1.04/-0.54 | -0.29/-2.85 | -2.38/-7.93 | -4.96/-5.7 | -6.39/-9.61 | -15.25/-18.93 | -11.81/-19.4 | -18.52/-8.5 | -12.25/-8.58 | -4.94/-4.33 | -4.47/-8.85 | -1.64/1.01 | 0.42/1.8 | 2.47/1.31 |
| Θ(127.5°) | 0.69/1.18 | 1.15/1.77 | 2.9/1.73 | 0.46/-1.32 | -3.42/-5.46 | -9.53/-12.59 | -18.82/-17.22 | -18.42/-18.94 | -9.82/-3.82 | -2.47/-1.79 | -3.21/-2.86 | -2.72/-5.49 | -6.29/-10.22 | -12.48/-10.63 | -14.42/-13.95 | -18.71/-19.05 | -16.81/-18.16 | -12.66/-15.09 | -17.68/-16.83 | -10.51/-8.28 | -9.55/-9.28 | -3.86/-3.62 | -3.41/-1.83 | -0.33/-0.11 |
| Θ(135°) | 2.14/3.13 | 2.59/2.04 | 1.74/0.58 | -0.93/-1.76 | -2.79/-7.58 | -14.32/-19.19 | -17.92/-16.08 | -13.24/-13.47 | -12.26/-7.64 | -5.15/-1.7 | -1.61/-3.51 | -6.78/-6.34 | -6.56/-8 | -13.89/-16.84 | -18.08/-17.09 | -17.65/-14.63 | -19.01/-18.83 | -17.87/-18.98 | -11.7/-18.39 | -12.76/-11.04 | -10.07/-7.06 | -5.56/-4.24 | -1.88/-3.05 | -3.79/-1.75 |
| Θ(142.5°) | 1.91/2.74 | 1.04/-0.4 | -1.15/-1.24 | -1.21/-1.28 | -2.79/-5.93 | -12.24/-18.21 | -18.22/-13.05 | -8.59/-9.83 | -16.83/-18.09 | -12.92/-11.61 | -6.08/-4.15 | -4.25/-7.07 | -17.86/-12.36 | -12.08/-14.06 | -16.24/-18.47 | -15.74/-11.35 | -11.3/-13.58 | -12.89/-18.92 | -18.05/-18.68 | -14.13/-11.83 | -4.59/-1.74 | -3.06/-0.71 | 0.14/-0.19 | 0.56/0.93 |
| Θ(150°) | -0.39/1.22 | 0.87/0.08 | 0.59/0.21 | -1.49/-3.82 | -6.47/-11.01 | -17.53/-18.59 | -16.42/-18.16 | -16.92/-10.58 | -10.01/-13.02 | -18.01/-17.26 | -16.46/-18.65 | -14.4/-10.65 | -13.31/-14.62 | -17.11/-19.41 | -11.4/-9.86 | -10.98/-11.06 | -13.63/-18.72 | -17.43/-17.79 | -18.7/-17.76 | -16.83/-8.8 | -3.94/-1.82 | -0.69/0.87 | 0.88/0.8 | 1.1/-0.21 |
| Θ(157.5°) | -0.34/0.12 | -0.22/-1.42 | -2.11/-2.8 | -4.21/-6.46 | -8.87/-11.33 | -15.68/-18.93 | -17.97/-13.87 | -9.61/-9.31 | -11.69/-12.08 | -9.57/-7.86 | -6.64/-5.84 | -6.72/-10.02 | -14.26/-13.83 | -14.94/-18.55 | -19.13/-15.99 | -13.78/-13.99 | -15.08/-16.99 | -15.26/-11.83 | -9.5/-11.2 | -18.92/-16.36 | -9/-5.18 | -2.69/-1.61 | -0.98/0.07 | 0.99/0.36 |
| Θ(165°) | -4.46/-4.23 | -3.94/-4.79 | -6.16/-6.49 | -7.38/-10.21 | -16.24/-18.94 | -18.79/-17.95 | -18.35/-17.52 | -17.07/-13.18 | -10.17/-8.71 | -7.85/-6.93 | -6.35/-6.8 | -8.75/-12.02 | -14.43/-13.61 | -12.56/-13.65 | -16.1/-19.17 | -18.54/-19.04 | -16.08/-15.81 | -18.02/-18.28 | -18.8/-17.83 | -13.5/-12.26 | -12.7/-11.17 | -9.72/-7.22 | -4.45/-2.9 | -2.42/-3.27 |
| Θ(172.5°) | -10.35/-11.69 | -12.35/-12.86 | -12.79/-12.82 | -13/-13.34 | -15.29/-15.21 | -15.01/-17.84 | -18.82/-17.9 | -12.04/-9.68 | -9.38/-9.65 | -10.04/-10.79 | -11.4/-11.83 | -11.02/-10.39 | -10.25/-10.84 | -12.03/-13.44 | -14.34/-15.93 | -18.43/-18.74 | -18.05/-18.9 | -18.21/-18.05 | -18.74/-18.52 | -18.93/-18.5 | -18.34/-18.49 | -19.34/-14.77 | -11.8/-9.66 | -8.4/-7.86 |
| Θ(180°) | -19.03/-18.4 | -18.96/-18.7 | -18.38/-17.62 | -18.75/-19.24 | -18.3/-19.1 | -19.14/-19.15 | -17.23/-15.99 | -15/-16.87 | -18.49/-18.97 | -14.76/-12.02 | -11.46/-11.53 | -11.94/-13.21 | -15.56/-16.84 | -14.91/-13.29 | -12.96/-13.13 | -13.68/-13.88 | -14.69/-16.67 | -17.75/-18.69 | -18.24/-17.32 | -18.9/-18.4 | -17.29/-15.43 | -14.54/-14.2 | -12.77/-11.17 | -10.3/-10.62 |
| Freq(Hz) | 5.785G/Pol. | Phi/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | -10.06/-9.19 | -7.93/-7.17 | -6.35/-6.44 | -6.44/-5.38 | -3.87/-2.84 | -2.91/-3.52 | -3.81/-3.47 | -3.15/-2.79 | -2.96/-3.47 | -4.05/-5.09 | -6.32/-7.93 | -8.97/-9.61 | -9.76/-9.89 | -9.71/-8.66 | -7.49/-5.98 | -5.32/-5.31 | -5.19/-5.38 | -4.52/-3.67 | -3.2/-3.64 | -4.22/-4.43 | -4.51/-5.27 | -5.98/-6.38 | -6.55/-7.02 | -8.09/-8.51 |
| Θ(7.5°) | -15.75/-15.87 | -14.58/-13.45 | -13.03/-11.97 | -10.19/-8.89 | -8.26/-7.29 | -5.85/-5.02 | -5.72/-7.14 | -7.55/-5.47 | -4.59/-6.16 | -7.6/-8.04 | -8.4/-8.44 | -8.14/-7.66 | -7.52/-7.91 | -8.29/-8.3 | -8.23/-7.84 | -6.87/-6.43 | -5.68/-5.35 | -4.94/-3.86 | -3.19/-2.93 | -3.24/-3.35 | -3.63/-4.22 | -5.33/-6.34 | -7.37/-8.79 | -11.1/-12.65 |
| Θ(15°) | -17.27/-17.18 | -17.93/-14.93 | -12.93/-11.63 | -9.73/-7.06 | -4.85/-3.71 | -3.45/-3.46 | -2.7/-2.65 | -3.85/-4.43 | -4.01/-4.32 | -5.18/-6.36 | -7.55/-7.84 | -7.98/-8.37 | -8.81/-10.03 | -11.54/-11.94 | -11.38/-11.19 | -10.39/-9.78 | -8.77/-7.74 | -6.29/-4.63 | -3.17/-2.62 | -2.8/-2.84 | -3.14/-4.34 | -5.67/-6.8 | -8.14/-10.89 | -14.67/-19.04 |
| Θ(22.5°) | -17.73/-19.21 | -17.81/-15.1 | -11.97/-10.21 | -8.72/-6.93 | -4.87/-3.17 | -1.88/-2.04 | -1.73/-1.35 | -1.12/-1.1 | -1.18/-1.77 | -2.7/-4.39 | -6.14/-7.14 | -7.9/-9.21 | -12.01/-18.25 | -18.68/-18.12 | -16.74/-11.11 | -7.42/-6.09 | -4.05/-3.17 | -2.56/-2.4 | -2.23/-1.84 | -1.6/-1.45 | -2.01/-3.22 | -4.71/-6.19 | -8.39/-10.91 | -13.37/-18.34 |
| Θ(30°) | -15.59/-16.47 | -17.76/-17.58 | -14.83/-11.9 | -8.43/-6.04 | -3.68/-1.73 | -0.45/-0.79 | -0.86/-0.32 | -0.4/-0.56 | -0.39/-0.11 | -1.03/-2.95 | -4.94/-7.35 | -8.98/-11.27 | -14.84/-17.34 | -16.25/-17.24 | -9.96/-5.4 | -3.63/-4.38 | -5.28/-5.51 | -3.81/-2.02 | -1.86/-2.58 | -3.02/-2.76 | -2.86/-3.32 | -4.53/-6.63 | -8.97/-11.78 | -10.98/-12.87 |
| Θ(37.5°) | -11.94/-12.14 | -10.19/-13.73 | -12.05/-10.17 | -5.99/-3.67 | -1.67/-0.04 | 0.9/0.96 | 0.21/-0.39 | -1.1/-2.13 | -2.92/-2.75 | -3.19/-4.86 | -6.95/-7.6 | -9.46/-12.61 | -13.64/-10.66 | -10.26/-9.21 | -5.39/-3.88 | -4.74/-4.84 | -4.11/-3.76 | -3.84/-4.79 | -6.7/-7.61 | -6.84/-4.71 | -3.78/-4.52 | -6.21/-6.62 | -7.52/-12.79 | -13.03/-11.31 |
| Θ(45°) | -8.2/-9.54 | -12.3/-12.73 | -8.91/-5.89 | -4.1/-2.3 | -1.15/0.21 | 0.43/0.67 | 0.14/-1.16 | -2.1/-2.84 | -4.5/-6.51 | -6.18/-6.92 | -6.79/-8.74 | -10.65/-13.79 | -16.04/-10.68 | -11.18/-16.26 | -7.74/-7.79 | -5.88/-4.43 | -8.9/-14.4 | -10.99/-6.43 | -5.57/-6.49 | -7.18/-6.72 | -4.57/-3.01 | -4.58/-9.54 | -11.97/-14.65 | -13.24/-9.18 |
| Θ(52.5°) | -9.52/-8.02 | -11.55/-17.66 | -12.68/-8.87 | -7.09/-6.16 | -6.76/-5.49 | -5.7/-5.81 | -5.37/-5.98 | -9.49/-12.62 | -11.02/-10.78 | -10.2/-13.43 | -13.04/-16.18 | -14.33/-17.14 | -12.27/-8.86 | -18.29/-16.41 | -15.14/-18.66 | -11.3/-16.08 | -16.06/-16.39 | -17.61/-17.6 | -10.72/-11.69 | -15.79/-18.07 | -9.3/-3.78 | -3.09/-6.63 | -12.99/-10.81 | -15.42/-13.43 |
| Θ(60°) | -9.8/-9.29 | -18.26/-17.3 | -17.3/-14.92 | -18.01/-19.4 | -18.1/-15.38 | -11.84/-9.4 | -10.12/-10.85 | -13.17/-15.83 | -9.07/-8.25 | -9.55/-15.34 | -18.62/-18.93 | -19.31/-18.42 | -12.98/-10.33 | -18/-16.3 | -17.88/-18.63 | -18.66/-17.65 | -14.65/-12.38 | -18.63/-17.83 | -19.1/-14.27 | -13.22/-13.69 | -12.75/-9.05 | -6.27/-6.71 | -8.82/-17.07 | -13.88/-16.89 |
| Θ(67.5°) | -11.53/-11.54 | -17.54/-18.85 | -18.66/-19.01 | -18.81/-17.31 | -15.85/-10.3 | -4.97/-2.38 | -1.91/-2.36 | -4.33/-6.3 | -6.16/-5.06 | -5.95/-11.43 | -16.07/-18.88 | -18.38/-18.74 | -12.88/-14.49 | -17.24/-17.69 | -10.2/-9.5 | -10.58/-9.26 | -12.73/-13.84 | -15.09/-16.83 | -17.04/-13.38 | -13.05/-15.8 | -11.56/-7.53 | -7.2/-6.68 | -9.26/-16.2 | -14.26/-18.83 |
| Θ(75°) | -13.36/-11.03 | -18.11/-18.6 | -18.84/-15.02 | -18.4/-17.5 | -15.49/-13.03 | -10.28/-7.26 | -6.68/-7.47 | -7.5/-7.64 | -6.49/-9.26 | -5.88/-7 | -18.74/-18.8 | -15.14/-17.85 | -13.8/-12.69 | -18.65/-18.13 | -11.97/-9.66 | -7.01/-11.1 | -11.2/-13.06 | -13.55/-15.63 | -12.02/-6.42 | -5.94/-9.1 | -18.16/-9.14 | -8.25/-7.3 | -7.09/-10.98 | -19.1/-18.45 |
| Θ(82.5°) | -16.92/-10.93 | -14.99/-16.06 | -15.58/-14.6 | -18.84/-17.93 | -17.81/-14.87 | -6.25/-3.57 | -3.87/-5.36 | -9.66/-11.6 | -16.51/-14.31 | -15.32/-15.57 | -18.51/-13.61 | -10.8/-18.51 | -19.11/-13.64 | -15.3/-18.15 | -12.37/-8.61 | -16.05/-15.63 | -15.82/-18.2 | -12.81/-11.72 | -10.97/-9.89 | -6.8/-7.59 | -11.44/-10.23 | -7.37/-9.62 | -7.7/-10.46 | -18.67/-19.38 |
| Θ(90°) | -17.38/-11.1 | -13.27/-15.98 | -15.63/-19.04 | -17.14/-16.41 | -11.17/-8.94 | -6.01/-5.65 | -5.84/-4.35 | -5.31/-9.94 | -14.23/-18.19 | -13.4/-17.03 | -18.17/-16.77 | -10.98/-18.6 | -18.91/-18.19 | -16.97/-15.97 | -10.23/-6.71 | -18.25/-14.71 | -15.9/-9.39 | -8.09/-12.2 | -10.9/-8.47 | -10.56/-8.28 | -10.75/-13.94 | -9.75/-10.06 | -9.72/-13.29 | -15.74/-18.24 |
| Θ(97.5°) | -15.32/-11.72 | -11.8/-15.54 | -17.06/-14.68 | -13.53/-16.3 | -9.06/-12.16 | -10.55/-10.17 | -7.92/-6.94 | -8.02/-8.4 | -13.26/-17.9 | -10.22/-10.24 | -16.78/-16.15 | -10.8/-18.3 | -19.1/-17.18 | -18.14/-18.41 | -10.57/-10.97 | -11.43/-7.25 | -15.36/-4.99 | -7.16/-15.67 | -14.21/-12.86 | -18.2/-14.3 | -10.3/-14.99 | -12.14/-13.94 | -13.47/-15.96 | -15.3/-14.9 |
| Θ(105°) | -17.22/-8.7 | -10.19/-11.98 | -13.55/-12.49 | -10.04/-15.32 | -15.44/-15.95 | -17.44/-12.66 | -9.35/-11.91 | -8.66/-7.36 | -11.99/-12.39 | -9.45/-8.12 | -10.38/-15.71 | -12.31/-19 | -18.27/-14.18 | -16.41/-14.77 | -13.72/-12.66 | -14.86/-17.71 | -18.86/-8.59 | -7.81/-13.61 | -13.54/-12.23 | -10.64/-10.72 | -10.65/-18.56 | -17.86/-18.56 | -19.19/-18.28 | -18.38/-17.48 |
| Θ(112.5°) | -13.3/-10.75 | -10.43/-14.4 | -11.5/-12.21 | -11.3/-13.21 | -13.88/-7.81 | -11.12/-8.35 | -13.12/-18.28 | -11.13/-8.64 | -13.78/-8.7 | -6.39/-5.47 | -9.28/-15.01 | -13.5/-12.65 | -18.03/-15.55 | -15.3/-14.93 | -17.84/-10.98 | -18.14/-15.96 | -12.56/-5.95 | -3.26/-10.19 | -11.06/-6.62 | -6.54/-12.4 | -14.6/-14.63 | -18.89/-17.98 | -18.78/-15.51 | -16.21/-18.08 |
| Θ(120°) | -11.64/-8.4 | -11.11/-9.61 | -12.41/-11.96 | -8.94/-8.33 | -7.36/-6.59 | -7.19/-11.93 | -12.5/-12.59 | -19.06/-13.72 | -8.49/-6.94 | -6.21/-6.53 | -7.32/-9.68 | -12.35/-13.19 | -15.18/-10.84 | -13.36/-11.7 | -16.48/-19.15 | -15.02/-17.61 | -18.22/-6.86 | -8.64/-16.78 | -15/-6.81 | -8.99/-19.51 | -14.2/-13.91 | -17.94/-13.38 | -17.32/-18.87 | -18.64/-15.04 |
| Θ(127.5°) | -17.53/-8.82 | -9.93/-8.17 | -9.24/-5.69 | -5.95/-4.9 | -2.43/-3.15 | -4.99/-7.34 | -6.66/-7.92 | -12.76/-15.94 | -7.8/-6.54 | -6.3/-7.55 | -9.26/-11.21 | -9.83/-14.32 | -12.67/-12.45 | -11.06/-19.13 | -12.72/-13.31 | -13.49/-11.1 | -18.94/-18.93 | -11.18/-11.27 | -18.32/-17.38 | -10.86/-9.25 | -9.54/-12.86 | -18.96/-11.62 | -18.25/-18.35 | -17.79/-16.98 |
| Θ(135°) | -14.81/-10.14 | -11.31/-8.94 | -7.79/-5.99 | -5.22/-2.84 | -2.4/-2.27 | -6.23/-8.73 | -6.07/-5.66 | -8.58/-14.61 | -14.77/-6.54 | -4.04/-4.79 | -7.48/-13.03 | -10.05/-9.93 | -14.37/-18.75 | -17.34/-17.46 | -19.35/-17.49 | -18.04/-16.93 | -13.62/-17.91 | -9.12/-11.2 | -15.79/-11.39 | -7.23/-6.77 | -8.88/-13.09 | -13.6/-14.85 | -15/-18.54 | -18.82/-17.39 |
| Θ(142.5°) | -13.66/-8.7 | -9.71/-7.69 | -6.73/-7.16 | -2.93/-1.62 | -1.41/-4.68 | -8.95/-8.17 | -4.91/-3.69 | -4.22/-6.08 | -9.58/-12.98 | -9.61/-8.06 | -8.49/-8.85 | -12.39/-13.99 | -15.57/-18.84 | -17.29/-19.32 | -12.74/-14.8 | -19.28/-17.45 | -15.52/-10.53 | -13.32/-18.8 | -19.08/-14.98 | -11.19/-8.04 | -7.66/-7.5 | -5/-7.21 | -11.71/-13.47 | -16.17/-19.57 |
| Θ(150°) | -19.28/-12.09 | -10.22/-8.18 | -5.04/-3.39 | -3.49/-2.45 | -2.87/-3.02 | -5.46/-7.38 | -6.82/-5.06 | -3.6/-5.07 | -9.33/-14.48 | -17.72/-18.33 | -15.79/-13.93 | -14.94/-14.76 | -16.82/-15.28 | -14.81/-17.32 | -15.41/-12.43 | -15.11/-13.66 | -5.18/-4.64 | -8.86/-17.1 | -18.68/-17.44 | -11.39/-7.84 | -5.65/-4.97 | -4.5/-5.64 | -7.49/-10.62 | -17.93/-18.11 |
| Θ(157.5°) | -17.98/-13.04 | -9.76/-7.97 | -5.79/-4.37 | -4.28/-6.15 | -7.46/-8.5 | -7.7/-6.1 | -3.89/-2.87 | -3.62/-4.71 | -5.33/-5.91 | -7.28/-9.43 | -12.72/-18.81 | -18.83/-19.4 | -18.16/-18.38 | -17.62/-14.04 | -13.09/-14.34 | -15.31/-10.5 | -8.45/-11.1 | -15.05/-12.45 | -16.8/-13.7 | -9.99/-7.79 | -6.95/-8.48 | -8.53/-6.87 | -8.25/-12.59 | -18.55/-18.22 |
| Θ(165°) | -18.45/-18.1 | -13.19/-11.14 | -9.26/-7.97 | -8.48/-9.41 | -8.42/-8.63 | -9.36/-9.13 | -6.82/-4.29 | -3.03/-2.9 | -3.72/-5.76 | -8.96/-13.68 | -18.23/-18.97 | -18.89/-19.26 | -15.53/-14.38 | -15.28/-18.27 | -18.98/-19.07 | -16.65/-17.82 | -18.61/-15.79 | -16.18/-18.01 | -18.7/-18.88 | -12.47/-9.98 | -10.9/-11.54 | -10.5/-10.4 | -12.05/-15.84 | -18.77/-19.17 |
| Θ(172.5°) | -19.07/-17.8 | -18.07/-18.99 | -19.16/-19.1 | -18.24/-14.66 | -12.17/-12.88 | -14.3/-11.48 | -7.1/-6.49 | -6.7/-7.06 | -7.66/-8.9 | -11.28/-15.13 | -17.3/-18.13 | -18.44/-19.48 | -19.08/-17.46 | -17.74/-18.19 | -19.07/-18.83 | -18.57/-17.37 | -15.83/-15.69 | -15.75/-16.7 | -17.46/-18.91 | -18.47/-17.35 | -17.42/-17.43 | -16.49/-17.58 | -19.15/-19.24 | -17.98/-17.95 |
| Θ(180°) | -18.3/-18.55 | -16.3/-15.44 | -15.99/-17.53 | -18.38/-18.66 | -15.44/-13.18 | -12.57/-11.79 | -10.53/-10.2 | -9.7/-9.83 | -12.04/-17.93 | -18.54/-17.45 | -18.99/-18.29 | -19.33/-18.19 | -18.93/-18.93 | -17.51/-17.74 | -16.14/-13.77 | -12.06/-10.11 | -9.95/-9.8 | -9.62/-9.92 | -9.16/-8.58 | -8.19/-8.12 | -8.59/-9.36 | -10/-10.72 | -12/-13.86 | -16.42/-17.47 |
| Freq(Hz) | 5.785G/Pol. | Theta/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | -3.21/-3.55 | -3.38/-3.1 | -3.39/-4.11 | -4.78/-5.22 | -6.04/-7.37 | -8.5/-8.93 | -10.65/-11.04 | -10.51/-9.66 | -8.52/-6.74 | -5.38/-4.63 | -3.97/-2.86 | -2.33/-2.38 | -3.03/-3.08 | -2.8/-2.87 | -3.43/-4.02 | -4.41/-4.92 | -5.95/-7.39 | -8.2/-7.99 | -7.93/-7.7 | -7.49/-6.88 | -5.99/-5.21 | -4.77/-4.94 | -4.93/-4.28 | -3.53/-3.17 |
| Θ(7.5°) | -3.73/-4.41 | -4.42/-5.08 | -7.12/-8.83 | -10.09/-10.34 | -10.62/-11.51 | -12.59/-11.15 | -10/-9.3 | -9.47/-9 | -7.99/-5.88 | -4.7/-4.65 | -4.4/-3.16 | -1.96/-1.91 | -2.72/-2.45 | -1.73/-1.82 | -2.56/-3.01 | -3.48/-4.48 | -5.67/-6.78 | -7.73/-8.53 | -9.89/-10.96 | -11.3/-9.95 | -7.81/-6 | -5.04/-4.71 | -4.23/-3.27 | -2.45/-2.12 |
| Θ(15°) | -5.29/-5.55 | -5.72/-7.06 | -8.89/-10.03 | -10.45/-11.67 | -11.97/-11.59 | -12.57/-11.52 | -9.44/-7.25 | -5.81/-4.91 | -4.33/-3.73 | -2.91/-2.67 | -3.22/-2.75 | -1.26/-0.82 | -1.32/-1.37 | -0.69/-1.05 | -1.97/-2.51 | -3.03/-4.07 | -4.99/-5.6 | -6.41/-8.22 | -11.37/-14.08 | -13.47/-10.55 | -7.89/-5.63 | -4.04/-3.28 | -3.39/-3 | -2.59/-3.34 |
| Θ(22.5°) | -7.2/-6.24 | -5.92/-6.03 | -6.06/-6.39 | -5.74/-5.1 | -5.7/-8.5 | -12.72/-12.96 | -15.11/-18.73 | -8.65/-3.92 | -1.83/-1.2 | -0.62/-0.68 | -1.35/-1.07 | 0.23/0.77 | 0.45/0.2 | 0.16/-0.72 | -1.54/-1.81 | -2.36/-3.21 | -3.98/-4.71 | -5.36/-6.59 | -9.62/-14.87 | -17.74/-12.93 | -8.77/-6.21 | -4.53/-3.26 | -2.61/-2.11 | -2.11/-4.01 |
| Θ(30°) | -3.03/-5.12 | -5.9/-5.65 | -4.41/-2.25 | -0.78/-0.7 | -2.39/-4.31 | -4.13/-4.52 | -8.06/-15.96 | -7.78/-4.67 | -2.93/-0.88 | 0.74/1.35 | 1.11/0 | 0.42/1.22 | 1.34/2 | 1.63/0.45 | 0.05/-0.32 | -0.75/-0.85 | -1.27/-1.8 | -2.52/-4.6 | -8.9/-13.76 | -15.26/-11.73 | -10.76/-9.29 | -6.69/-5.32 | -4.28/-1.81 | -0.46/-1.09 |
| Θ(37.5°) | 0.22/-0.71 | -1.78/-0.82 | 0.47/1.24 | 0.54/-1.1 | -3.29/-4.41 | -4.26/-6.59 | -10.6/-9.57 | -5.29/-2.94 | -0.97/-0.02 | 0.26/0.97 | 0.81/0.73 | 1.9/2.7 | 2.13/1.38 | 0.32/-0.68 | -0.89/-1.05 | -0.78/-1.91 | -2.89/-2.91 | -3.25/-4.63 | -6.48/-9.45 | -13.44/-19.02 | -18.2/-11.92 | -7.44/-5.88 | -6.3/-4.99 | -2.79/-2.12 |
| Θ(45°) | 1.22/-0.53 | -0.82/1.46 | 2.48/1.98 | 0.18/-1.69 | -3.92/-9.05 | -17.49/-14.46 | -8.88/-10.19 | -9.64/-4.51 | -2.6/-0.97 | -0.93/-0.19 | 0.69/0.52 | -0.46/0.85 | -0.03/-2.12 | -2.51/-2.5 | -2.53/-1.86 | -2.74/-4.44 | -6.31/-6.77 | -5.38/-4.99 | -7.51/-11.47 | -8/-7.32 | -11.49/-11.11 | -8.82/-6.9 | -7.57/-5.64 | -1.76/0.04 |
| Θ(52.5°) | 2.33/0.76 | 1.82/3.85 | 3.92/2.67 | 1.38/-0.55 | -3.97/-9.71 | -18.56/-15.84 | -9.14/-5.33 | -5.51/-8.84 | -9.98/-6.67 | -5.93/-6.58 | -5.1/-4.28 | -4.48/-4.05 | -6.75/-10 | -5.97/-9.35 | -6.3/-4.49 | -6.76/-8.63 | -6.96/-5.43 | -4.67/-4.77 | -8.38/-15.27 | -8.71/-5.35 | -4.72/-6.91 | -6.01/-4.03 | -4.2/-4.62 | -1.77/0.44 |
| Θ(60°) | 2.06/1.01 | 2.99/4.02 | 3.48/1.8 | 0.87/-1.36 | -6.66/-19.3 | -19.18/-14.31 | -6.89/-4.06 | -4.82/-8.63 | -12.02/-17.05 | -13.61/-7.41 | -5.07/-5.96 | -6.33/-5.71 | -5.79/-5.12 | -2.18/-4.7 | -3.4/-7.14 | -8.78/-6.21 | -8.3/-10.02 | -6.39/-6.68 | -9.75/-12.68 | -9.32/-5.12 | -4.71/-3.93 | -5.46/-3.74 | -3.29/-3.18 | -1.56/1.06 |
| Θ(67.5°) | 0.96/-0.26 | 1.68/1.82 | 0.41/-1.03 | -3.46/-9.06 | -7.41/-8.31 | -14.56/-19.3 | -9.72/-7.1 | -5.84/-5.63 | -10.37/-8.26 | -3.45/-0.54 | 0.97/-0.48 | -0.21/0.36 | -0.09/1.51 | 0.93/-0.39 | -2.76/-5.63 | -4.51/-8.69 | -15.59/-18.05 | -13.62/-11.07 | -11.49/-8.99 | -5.35/-3.43 | -5.31/-3.29 | -2.51/-2.88 | -3.04/-2.31 | -0.17/1.54 |
| Θ(75°) | -1.47/-3.15 | -1.11/-0.64 | -3.13/-5.72 | -6.96/-3.72 | -3.87/-3.76 | -6.06/-11.23 | -19.01/-16.18 | -8.73/-9.16 | -11.48/-5.34 | -2.55/-0.74 | 1.26/1.32 | 0.6/1.09 | 0.74/1.56 | 1.36/0.51 | -2.59/-4.18 | -6.8/-9.86 | -11.9/-16.36 | -14.66/-13.99 | -12.39/-8.19 | -5.38/-1.88 | -3.11/-5.54 | -4.18/-1.95 | -1.37/-2.15 | -1.3/0.37 |
| Θ(82.5°) | -2.39/-4.71 | -4.53/-5.65 | -3.96/-1.54 | -0.31/-2.49 | -2.66/-6.15 | -11.51/-17.7 | -12.4/-10.68 | -14.74/-14.55 | -18.37/-9.49 | -2.42/-2.14 | -0.41/-2.08 | -1.87/-0.27 | -0.05/0.17 | 1.19/0.33 | -5.8/-11.28 | -18.07/-13.33 | -6.82/-13.96 | -12.43/-9.29 | -8.44/-10.58 | -4.55/-0.37 | -1.79/-5.67 | -5.53/-2.99 | -0.68/-1.46 | -2.57/-2.79 |
| Θ(90°) | -0.64/-1.01 | -0.98/-1.29 | -0.41/0.46 | 0.38/-2.71 | -6.08/-9.62 | -8.05/-8.67 | -6.29/-6.15 | -12.67/-19.27 | -17.34/-8.34 | -6.62/-6.38 | -4.35/-4.27 | -3.71/-0.8 | -0.65/-0.59 | 0.59/-0.53 | -4.09/-10.82 | -8.87/-11.13 | -8.52/-17.85 | -15.19/-11.24 | -4.26/-9.22 | -2.88/-0.67 | -0.76/-4.52 | -3.44/-1.8 | 0.25/-0.66 | -1.64/-3.11 |
| Θ(97.5°) | 1.39/2.77 | 1.7/0.99 | 0.42/0 | -1.69/-5.94 | -7.34/-3.63 | -5.44/-9.13 | -8.24/-6.88 | -13.08/-18.27 | -14.58/-4.35 | -5.6/-9.66 | -6/-4.74 | -2.68/0.26 | -0.31/-0.75 | 0.85/0.16 | -3.59/-6.29 | -6.32/-16.47 | -13.4/-15.8 | -11.35/-9.85 | -4.4/-12.64 | -2.35/-2.51 | -3.11/-5.98 | -3.31/-0.43 | 0.6/0.86 | 0.26/-1.73 |
| Θ(105°) | 1.37/2.1 | 1.46/-0.17 | -0.89/-3.12 | -5.36/-2.22 | 0.1/-1.05 | -5.43/-11.7 | -5.66/-7.76 | -17.78/-11.78 | -11.85/-6.68 | -3.96/-2.94 | -1.87/-1.12 | -1.37/0.2 | 0.3/0.34 | 0.39/-0.48 | -0.74/-5.32 | -3.07/-6.43 | -19.03/-10.83 | -18.28/-12.3 | -4.79/-15.46 | -3.5/-6 | -5.19/-6.43 | -1.49/1.07 | 0.17/1.08 | 1.35/0.95 |
| Θ(112.5°) | -0.74/0.11 | -1.18/-2.98 | -3.27/-3.52 | -0.34/-0.68 | -1.83/-3.76 | -7.68/-14.8 | -15.62/-18.53 | -18.91/-13.51 | -7.42/-4.35 | -4.76/-4.26 | -0.9/1.11 | 0.79/-0.22 | -0.87/-2.36 | -2.02/-3.04 | -2.44/-9.13 | -10.76/-10.53 | -16.08/-10.68 | -15.9/-11.37 | -12.07/-10.8 | -5.24/-8.83 | -6.63/-6.39 | -1.81/0.41 | -0.86/-0.42 | -0.53/-0.01 |
| Θ(120°) | -0.9/-0.31 | -2.37/-2.34 | -3.13/-0.77 | 0.86/0.19 | -0.93/-3.1 | -9.52/-14.46 | -18.75/-12.58 | -12.56/-16.75 | -8.44/-4.18 | -2.67/-4.22 | -3.52/-0.43 | -0.8/-0.61 | -4.56/-6.92 | -6.98/-7.69 | -5/-8.01 | -18.02/-11.43 | -18.75/-15.11 | -11.93/-9.88 | -18.81/-9.27 | -4.84/-5.36 | -6.91/-5.94 | -1.82/0.58 | 0.31/2 | 1.92/-0.47 |
| Θ(127.5°) | -0.32/0.55 | -0.02/1.39 | 1.78/1.59 | -0.04/-0.87 | -2.11/-3.43 | -9.96/-18.15 | -17.4/-17.91 | -17.64/-14.96 | -8.39/-5.09 | -3.24/-2.51 | -3.17/-5.69 | -3.19/-4.84 | -6.75/-14.39 | -13.49/-15.58 | -18.72/-13.17 | -17.26/-18.49 | -19.04/-10.28 | -15.53/-15.29 | -18.83/-16.96 | -12.42/-7.62 | -11.01/-6.43 | -4.36/-4.25 | -4.89/-2.06 | -0.91/-1.37 |
| Θ(135°) | 1.27/1.92 | 1.44/0.89 | 1.42/0.48 | -0.07/-0.83 | -2.11/-7.3 | -14.03/-18.3 | -17.38/-14.06 | -11.66/-16.13 | -15.91/-8.28 | -4.76/-2.52 | -1.24/-2.16 | -4.29/-6.5 | -7.71/-8.76 | -10.29/-17.19 | -18.82/-18.52 | -19.2/-16.01 | -16.15/-14.09 | -17.92/-18.34 | -12.82/-17.51 | -11.06/-11.42 | -7.99/-8.91 | -5.56/-4.18 | -3.3/-5.92 | -4.17/-1.55 |
| Θ(142.5°) | 0.82/1.03 | 0.44/0.08 | -0.22/0.18 | -0.54/-1.06 | -3.08/-6.74 | -13.63/-19.16 | -17.31/-17.89 | -10.19/-8.81 | -11.77/-11.5 | -10.06/-9.02 | -7.24/-4.02 | -3.14/-3.42 | -6.39/-18.69 | -14.24/-16.84 | -18.63/-17.4 | -17.19/-12.21 | -14.06/-16.26 | -15.73/-18.24 | -17.94/-18.52 | -17.04/-10.81 | -4.69/-4.17 | -2.28/-0.18 | -0.16/-0.46 | -0.31/0.08 |
| Θ(150°) | 0.19/0.44 | 0.31/0.23 | -0.34/-1.46 | -2.65/-5.7 | -8.58/-12.25 | -17.37/-18.51 | -19.02/-17.37 | -12.58/-10.84 | -11.07/-12.56 | -13.42/-11.28 | -10.76/-11.75 | -18.72/-12.9 | -9.73/-10.67 | -9.31/-11.07 | -15.28/-15.43 | -17.16/-16.29 | -18.48/-18.85 | -17.2/-18.27 | -18.68/-16.26 | -11.3/-7.66 | -5.56/-4.3 | -1.23/0.35 | 0.49/0.67 | 0.21/0.24 |
| Θ(157.5°) | -1.34/-1.43 | -1.47/-1.46 | -1.61/-2.46 | -4.17/-5.87 | -9.15/-15.28 | -15.19/-16.45 | -18.15/-14.4 | -11.39/-10.28 | -10.62/-12.45 | -11.68/-9.74 | -9.76/-9.6 | -8.34/-7.96 | -9.79/-13.49 | -14.07/-15.35 | -19.2/-16.37 | -13.47/-13.93 | -16.65/-18.68 | -15.94/-13.12 | -11.46/-12.71 | -18.36/-12.81 | -7.55/-5.32 | -3.77/-2.6 | -1.16/0.07 | 0.03/-0.83 |
| Θ(165°) | -5.4/-4.75 | -4.96/-4.83 | -4.75/-5.14 | -6.3/-9.35 | -14.66/-18.68 | -19.19/-17.84 | -18.91/-16.87 | -14.29/-11.69 | -8.3/-7.39 | -8.06/-9.75 | -11.41/-11 | -10.97/-12.02 | -14.17/-13.36 | -10.61/-9.63 | -9.89/-10.49 | -12.83/-17.89 | -18.99/-18.5 | -17.57/-18.14 | -17.81/-18.62 | -18.57/-15.28 | -15.83/-13.12 | -8.68/-5.91 | -4.78/-4.41 | -4.5/-4.45 |
| Θ(172.5°) | -16.32/-15.93 | -15.49/-17.81 | -19.56/-19.18 | -18.76/-18.44 | -19.04/-19.06 | -17.43/-19.14 | -18.86/-18.03 | -15.39/-12.76 | -11.42/-11.08 | -10.74/-9.69 | -8.59/-8.55 | -9.69/-11.02 | -13.08/-14.79 | -15.58/-16.88 | -18.26/-19.09 | -17.61/-18.68 | -18.23/-17.93 | -19.04/-17.82 | -17.37/-18.04 | -17.96/-18.88 | -18.39/-18.69 | -15.21/-13.05 | -13.2/-13.19 | -12.36/-11.87 |
| Θ(180°) | -16.59/-15.71 | -16.14/-18.78 | -17.39/-18.14 | -17.89/-17.48 | -16.55/-19.18 | -17.39/-18.89 | -19.53/-17.12 | -15.85/-15.22 | -18.86/-18.52 | -18.19/-15.46 | -14.25/-15.42 | -17.91/-18.43 | -19.18/-16.12 | -13.3/-11.88 | -10.01/-9.4 | -9.78/-10.72 | -12.41/-14.09 | -17.44/-18.36 | -19.03/-18.41 | -17.82/-18.68 | -17.8/-15.3 | -13.6/-12.06 | -10.91/-10.28 | -10.35/-10.83 |

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| Freq(Hz) | 5.2G | 5.3G | 5.6G | 5.785G |
|---|---|---|---|---|
| Ant. 1 Max Gain (dBi) | 6.69 | 7.12 | 7.23 | 6.26 |
| Ant. 3 Max Gain (dBi) | 6.6 | 6.94 | 6.33 | 5.81 |
| Ant. 4 Max Gain (dBi) | 5.86 | 5.91 | 5.78 | 5.79 |
| Ant. 5 Max Gain (dBi) | 3.66 | 3.76 | 4.22 | 4.02 |
| Ant. 1 Polarization/Θ(°)/Φ(°) | Phi/97.5/277.5 | Phi/90/262.5 | Phi/97.5/285 | Phi/90/270 |
| Ant. 3 Polarization/Θ(°)/Φ(°) | Phi/90/270 | Phi/90/262.5 | Phi/90/262.5 | Phi/90/262.5 |
| Ant. 4 Polarization/Θ(°)/Φ(°) | Phi/45/22.5 | Phi/45/30 | Phi/52.5/22.5 | Phi/52.5/30 |
| Ant. 5 Polarization/Θ(°)/Φ(°) | Phi/22.5/97.5 | Phi/30/90 | Theta/97.5/7.5 | Theta/60/22.5 |
| Max Gain (dBi) | 6.69 | 7.12 | 7.23 | 6.26 |
| DG [1SS] (dBi) | 8.84 | 8.68 | 8.4 | 7.27 |
| DG [2SS] (dBi) | 6.69 | 7.12 | 7.23 | 6.26 |
| DG [4SS] (dBi) | 6.69 | 7.12 | 7.23 | 6.26 |

## DG 1SS Result

| Freq(Hz) | 5.2G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DG(dBi) | 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°) | -1.53/-1.88 | -1.86/-1.81 | -1.07/0.25 | 1.29/2.13 | 2.73/3.19 | 3.52/4.13 | 4.24/4.68 | 4.69/4.59 | 4.23/3.56 | 3.05/2.51 | 1.81/0.68 | -0.18/-0.65 | -1.15/-1.72 | -2.26/-2.4 | -1.62/-0.17 | 1.06/2.28 | 3.05/3.75 | 4.45/4.84 | 4.98/4.75 | 4.62/4.73 | 4.7/4.33 | 3.72/2.95 | 1.96/0.99 | 0.38/-0.02 |
| Θ(7.5°) | -1.06/-1.38 | -1.03/-0.59 | -0.43/0.26 | 1.33/2.2 | 2.88/3.51 | 3.93/4.53 | 5.04/5.17 | 5.09/4.87 | 4.46/3.86 | 3.36/2.72 | 1.71/0.73 | -0.14/-0.04 | 0.04/0.28 | 0.28/1.08 | 1.98/2.8 | 3.57/4.05 | 4.32/4.71 | 4.9/4.99 | 4.87/4.83 | 4.66/4.5 | 4.44/4.04 | 3.34/2.45 | 1.24/0.24 | -0.51/-1.33 |
| Θ(15°) | -1.66/-2.31 | -1.65/-0.62 | -0.33/-0.32 | 0.33/1.65 | 2.69/3.54 | 4.27/4.9 | 5.44/5.66 | 5.81/5.82 | 5.76/5.59 | 5.21/4.6 | 3.76/2.55 | 0.94/-0.04 | -0.02/0.38 | 1.17/2.43 | 3.57/4.23 | 4.54/4.94 | 5.17/5.44 | 5.73/5.68 | 5.34/5.23 | 5.43/5.68 | 5.65/5.3 | 4.75/4.01 | 3.14/2.11 | 0.59/-0.67 |
| Θ(22.5°) | -2.08/-2.99 | -2.08/-1.82 | -0.95/-0.87 | 0.04/1.05 | 1.9/2.92 | 3.96/4.34 | 4.47/4.88 | 4.62/4.95 | 5.28/5.26 | 4.77/4.23 | 3.73/2.59 | 1.18/0.01 | -0.15/0.19 | 0.29/1.49 | 2.51/3.35 | 4.01/4.6 | 4.94/5.1 | 5.1/5.15 | 5.27/5.42 | 5.59/5.82 | 5.96/5.82 | 5.43/4.67 | 3.43/2.11 | 1.06/0.23 |
| Θ(30°) | 0.08/-1.92 | -1.79/-0.19 | -0.18/-0.03 | 1.11/1.48 | 1.12/0.74 | 0.55/0.9 | 0.8/0.22 | 0.57/1.69 | 2.9/3.58 | 3.61/3.28 | 2.53/1.97 | 1.32/0.15 | -0.02/0.23 | -0.12/0.72 | 1.69/1.78 | 2.12/2.3 | 2.55/2.58 | 2.79/3.38 | 3.34/3 | 3.17/3.38 | 3.51/3.71 | 3.67/3.35 | 2.42/0.77 | 0.48/0.17 |
| Θ(37.5°) | 2.44/1.21 | 1.06/1.73 | 2.23/2.39 | 3.16/3.85 | 3.87/3.23 | 2.2/0.93 | -0/-0.42 | -0.58/-0.85 | -0.23/0.68 | 1.97/2.27 | 2.03/1.65 | 1.62/1.43 | 1.43/0.32 | -1.51/-1.5 | -0.48/0.12 | -0.33/-1.33 | -1.95/-1.58 | -0.42/0.27 | -0.52/-2.07 | -3.32/-2.21 | -0.88/0.37 | 0.9/1.15 | 0.91/0.18 | 0.83/1.52 |
| Θ(45°) | 3.25/1.48 | 1.72/2.51 | 3.07/3.38 | 4.03/4.62 | 4.36/3.44 | 2.35/2.04 | 1.62/1.67 | 1.3/0.84 | 0.6/0.07 | 0.76/1.33 | 1.05/0.68 | 0.93/1.35 | 1.66/0.54 | -1.13/-0.55 | 0.49/0.24 | -0.6/-2.04 | -2.26/-2.03 | -1.13/-0.8 | -2.16/-3.3 | -2.3/-1.16 | -0.14/1.08 | 1.68/1.53 | 1.94/2.39 | 2.97/3.78 |
| Θ(52.5°) | 2.32/1.2 | 1.51/1.74 | 2.06/2.2 | 2.56/3.93 | 3.53/2.56 | 1.88/1.37 | 0.87/1.51 | 2.98/3.57 | 2.92/1.6 | 1.39/0.72 | -0.1/0.38 | 0.85/1.06 | 0.76/0.01 | -1.38/-0.02 | 1.23/0.34 | -0.5/-0.44 | -0.51/-0.08 | 0.74/1.01 | 0.02/-1.96 | -1.72/-0.15 | 1.25/1.21 | 1.23/1.66 | 2.28/3.2 | 3.53/3.59 |
| Θ(60°) | 0.85/-0.42 | 0.13/1.06 | 1.18/1.26 | 1.89/3.91 | 4.05/3.52 | 3.18/3.58 | 3.8/4.28 | 4.69/4.36 | 3.65/2.08 | 2.58/2.36 | -0.92/-0.49 | -0.14/0.45 | 0.63/-0.09 | -0.71/1.68 | 2.79/1.55 | 1.93/1.69 | 1.36/2.19 | 1.89/1.28 | 1.02/0.53 | 0.31/0.62 | 2.16/2.51 | 1.72/1.12 | 0.97/1.7 | 3.1/3.2 |
| Θ(67.5°) | -1.47/-2.92 | -1.96/-0.66 | -0.48/1.09 | 2.87/4.36 | 4.43/3.73 | 3.82/4.36 | 4.2/4.47 | 4.92/5.56 | 4.41/1.68 | 1.48/1.41 | -2.12/-0.61 | -0.86/-0.64 | -1.29/-1.21 | -0.68/1.8 | 2.17/2.46 | 3.7/3.56 | 3.51/4.49 | 4.46/3.9 | 3.84/4.12 | 3.78/2.66 | 3.1/3.67 | 3.59/2.52 | 0.94/0.97 | 1.86/1.58 |
| Θ(75°) | -1.31/-4.12 | -4.35/-0.87 | 0.79/2.37 | 3.19/3.76 | 3.83/3.92 | 3.16/1.76 | 1.28/0.71 | 1.14/3.48 | 3.97/2.48 | 0.03/-0.44 | -1.9/-1.34 | -0.6/-0.3 | -0.66/-0.36 | -0.26/1.11 | 2.62/2.36 | 3.81/4.18 | 4.2/5.8 | 6.82/6.64 | 5.96/5.26 | 5.25/3.84 | 3.05/4.11 | 4.1/3.23 | 0.99/-0.5 | -0.28/0.02 |
| Θ(82.5°) | -3.23/-5.1 | -4.65/-0.77 | 1.55/1.51 | 1.71/1.92 | 2.11/1.46 | 0.88/2.38 | 3.39/3.78 | 2.69/0.94 | 1.71/1.59 | 0.12/-0.43 | -1.1/-0.51 | -0.34/-1.57 | -1.11/-1.63 | -0.34/1.76 | 2.75/1.88 | 3.71/4.42 | 4.85/7.45 | 8.09/7.62 | 7.26/6.7 | 6.2/4.82 | 3.74/4.24 | 3.39/2.66 | 1.27/-0.2 | -1.26/-2.85 |
| Θ(90°) | -4.11/-5.16 | -2.84/0.08 | 1.52/0.07 | 0.72/0.41 | 0.8/-1.24 | 1.1/1.39 | 0.98/1.88 | 3.36/2.5 | -0.42/-1.25 | -0.29/-1.12 | -1.54/-0.67 | -0.09/-1.44 | -0.6/-2.89 | 0.63/0.57 | 1.59/1.34 | 2.75/4.12 | 4.49/7.7 | 8.84/7.8 | 7.36/6.86 | 6.52/5.19 | 3.74/4.49 | 3.29/2.38 | 1.56/0.02 | -0.96/-2.71 |
| Θ(97.5°) | -6.14/-3.61 | -2.37/-0.96 | 0.74/-0.94 | -0.58/-1.2 | -2.76/-2.66 | -1.72/-1.73 | -1.07/-0.92 | 1.44/1.87 | -1.15/-3.17 | -1.24/-1.22 | -1.57/-1.22 | -0.4/-1.1 | -2.13/-1.2 | 0.33/-0.51 | 0.55/0.39 | 2.08/1.95 | 2.98/6.46 | 7.5/7.21 | 6.54/6.13 | 5.75/4.99 | 3.23/2.71 | 1.83/1.38 | 0.1/-1.98 | -1.32/-3.63 |
| Θ(105°) | -7.35/-3.1 | -3.24/-2.13 | -0.75/-3.01 | -3.79/-3.73 | -4.2/-4.14 | -3.64/-3.47 | -2.21/-2.23 | -0.72/0.75 | -0.59/-2.47 | -2.22/-0.79 | -1.06/-1.28 | -0.85/-1.27 | -2.68/-3.45 | -1.02/-1.63 | -1.12/-0.43 | 1.09/0.06 | -1.89/2.9 | 5.28/5.25 | 5.06/4.98 | 4.63/4.61 | 2.68/1.31 | -0.3/-2.34 | -4.44/-2.66 | -2.33/-6.94 |
| Θ(112.5°) | -5.14/-2.82 | -3.1/-4.86 | -3.93/-3.64 | -3.99/-3.65 | -4.33/-3.06 | -3.86/-4.43 | -3.56/-3.65 | -2.13/-0.46 | -0.94/-1.8 | -2.84/-1.66 | -2.09/-1.79 | -1.76/-2.52 | -3.64/-3.12 | -1.07/-2.31 | -3.65/-1.6 | -1.14/-1.18 | -3.44/0.01 | 2.93/2.71 | 3.44/3.44 | 3.46/3.06 | 1.13/-1.03 | -2.01/-4.91 | -5.74/-7.44 | -3.79/-6.02 |
| Θ(120°) | -4.8/-4.44 | -4.99/-4.52 | -3.33/-2.33 | -2.88/-4.9 | -3.93/-2.49 | -2.29/-3.34 | -5.76/-5.24 | -2.96/-2.53 | -1.38/-1.93 | -3.54/-2.59 | -2.52/-2.34 | -3/-4.46 | -4.32/-3.28 | -2.89/-4.1 | -3.86/-2.56 | -3.05/-3.02 | -2.82/-0.62 | 0.44/-2.06 | -1.17/0.97 | 2.25/1.42 | 0.41/-1.88 | -1.43/-4.06 | -5.78/-7.9 | -4.15/-3.46 |
| Θ(127.5°) | -6.68/-7.42 | -6.64/-4.53 | -2.94/-2.42 | -1.82/-1.78 | -2.57/-3.08 | -3.98/-5.96 | -4.53/-2.81 | -3.86/-4.7 | -3.91/-4.15 | -3.67/-3.22 | -3.92/-3.07 | -4.68/-5.37 | -6.03/-4.27 | -3.95/-2.24 | -4.1/-6.4 | -5.15/-3.9 | -4.01/-7.66 | -3.65/-4.72 | -4.86/-1.58 | 0.51/0.95 | -0.22/-3.35 | -2.79/-3.93 | -8.77/-6.64 | -7.05/-6.85 |
| Θ(135°) | -7.54/-7.07 | -5.47/-5.1 | -5/-3.26 | -1.63/-0.38 | 0.03/-2.7 | -5.67/-5.62 | -3.79/-2.45 | -2.93/-3.5 | -6.61/-6.53 | -5.2/-5.43 | -3.92/-2.57 | -4.61/-5.77 | -5.19/-6.08 | -4.94/-3.96 | -6.97/-8.08 | -6.42/-5.13 | -4.55/-8.06 | -6.45/-6.34 | -8.05/-5.82 | -1.06/-0.05 | -1.75/-4.62 | -3.93/-4.67 | -9.98/-9.85 | -7.1/-7.31 |
| Θ(142.5°) | -7.09/-8.07 | -6.83/-6.02 | -5.41/-4.29 | -3.19/-2.23 | -1.87/-3.31 | -4.52/-5.73 | -5.87/-4.76 | -3.81/-4.35 | -7.83/-9.88 | -10.07/-7.39 | -5.85/-6.21 | -7.78/-9.84 | -8.58/-6.26 | -6.67/-7.9 | -8.36/-9.37 | -9.12/-6.67 | -6.04/-7.39 | -7.39/-6.82 | -6.12/-5.64 | -4.11/-4.03 | -6.75/-6.26 | -4.47/-5.3 | -6.79/-7.75 | -8.53/-8.57 |
| Θ(150°) | -10.03/-10.53 | -8.45/-6.17 | -4.22/-4.04 | -4.37/-3.86 | -3.42/-4.46 | -7.76/-6.98 | -4.22/-3.41 | -4.83/-6.3 | -6.56/-6.98 | -8.92/-9.62 | -8.36/-7.38 | -7.94/-8.76 | -9.34/-8.51 | -7.01/-6.85 | -8.03/-10.63 | -12.2/-7.36 | -4.49/-4.88 | -7.65/-8.39 | -7.96/-7.88 | -7.2/-4.97 | -3.91/-4.9 | -5.36/-6.8 | -7.39/-6.79 | -7.64/-9.04 |
| Θ(157.5°) | -10.18/-8.99 | -8.53/-7.26 | -6.07/-5.25 | -4.7/-4.95 | -5.72/-7.04 | -6.75/-5.96 | -4.6/-3.51 | -3.02/-3.14 | -3.97/-5.14 | -6.59/-6.63 | -7.48/-7.99 | -9.74/-9.53 | -9.05/-8.02 | -7.01/-7.43 | -7.64/-7.18 | -5.92/-4.48 | -3.69/-5.24 | -7.05/-8.31 | -9.43/-8.27 | -6.09/-5.03 | -5.77/-6.8 | -6.69/-6.6 | -7.49/-8.94 | -10.62/-12.64 |
| Θ(165°) | -12.03/-11.54 | -9.88/-8.84 | -8.15/-6.66 | -6.22/-6.1 | -6.39/-7.2 | -8.11/-8 | -6.54/-4.41 | -3.85/-3.73 | -4.47/-5.23 | -5.93/-7.25 | -9.31/-10.43 | -11.2/-10.61 | -9.68/-8.18 | -6.73/-6.31 | -6.93/-6.75 | -7.1/-7.28 | -8.25/-9.84 | -10.59/-11.3 | -9.07/-7.06 | -6.31/-5.68 | -5.76/-5.93 | -5.92/-6.43 | -7.79/-9.26 | -10.49/-12.19 |
| Θ(172.5°) | -11.9/-12.34 | -11.95/-12.18 | -11.39/-10.64 | -10.23/-9.76 | -10.34/-8.5 | -6.68/-4.7 | -3.41/-2.95 | -2.79/-3.66 | -5.41/-7.28 | -9.33/-9.43 | -9.17/-9.3 | -9.18/-8.35 | -7.78/-8.11 | -7.81/-7.96 | -8.09/-8.21 | -7.84/-7.57 | -7.68/-7.93 | -8.99/-10.21 | -10.89/-10.76 | -9.33/-8.32 | -7.62/-7.03 | -6.46/-6.64 | -8.23/-10.63 | -11.06/-11.9 |
| Θ(180°) | -12.53/-12.52 | -12.48/-12.51 | -10.86/-8.95 | -7.41/-6.71 | -6.24/-6.32 | -5.6/-5.62 | -5.59/-6.62 | -7.77/-7.96 | -7.8/-7.35 | -7.86/-8.22 | -8.36/-9.05 | -10.09/-10.22 | -10.74/-10.35 | -9.88/-9.26 | -8.58/-8.72 | -7.77/-6.73 | -5.76/-5.24 | -5.4/-5.94 | -6.01/-5.96 | -5.72/-5.8 | -5.93/-5.73 | -5.77/-6.27 | -7.35/-9.55 | -10.76/-11.27 |
| Freq(Hz) | 5.2G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 3.94/4.25 | 4.3/4.03 | 4/3.53 | 2.89/1.87 | 1.12/-0.04 | -1.12/-1.85 | -1.78/-2.02 | -3/-3.46 | -3.4/-2.27 | -0.81/0.36 | 1.22/2.14 | 2.99/3.45 | 3.86/3.95 | 3.98/3.94 | 3.73/3.31 | 2.65/2 | 1.21/0.66 | 0.42/0.08 | -0.19/-0.55 | -1.17/-1.19 | -0.19/1.08 | 2.3/3.01 | 3.45/3.74 | 3.98/4.22 |
| Θ(7.5°) | 3.77/4.06 | 4.2/3.94 | 3.79/3.66 | 2.98/2 | 0.96/-0.46 | -1.96/-3.41 | -3.74/-3.92 | -3.5/-2.78 | -1.15/0.45 | 1.79/2.94 | 3.68/4.14 | 4.2/4.36 | 4.29/4.21 | 4.14/4.06 | 4.02/3.94 | 3.42/2.39 | 1.32/1.09 | 0.99/0.76 | 0.13/-1.02 | -2.64/-3.5 | -3.08/-1.65 | -0.02/0.96 | 1.38/1.56 | 2.1/2.95 |
| Θ(15°) | 4/4.5 | 4.37/3.85 | 3.53/3.52 | 3.24/2.56 | 1.81/0.82 | -0.07/-0.81 | -1.03/-1.33 | -1.91/-1.25 | 0.61/2.11 | 3.42/4.43 | 5.11/5.35 | 5.08/4.73 | 4.54/4.54 | 4.51/4.64 | 4.8/4.76 | 3.94/3.05 | 2.04/1.5 | 0.68/-0.14 | -0.71/-1.23 | -1.68/-2.48 | -2.67/-1.97 | -1.27/-0.53 | 0.19/0.92 | 1.37/1.96 |
| Θ(22.5°) | 4.08/4.35 | 4.14/4.03 | 3.89/3.5 | 2.94/2.35 | 2.07/1.8 | 1.16/0.33 | 0.31/0.62 | 0.97/1.55 | 2.5/3.39 | 4.2/5.06 | 5.59/5.58 | 5/4.44 | 4.41/4.61 | 4.57/4.27 | 3.74/3.08 | 2.41/1.75 | 0.94/0.77 | 0.3/0.01 | 0.05/0.07 | -0.11/0.25 | 0.68/0.41 | 0.39/1.31 | 2.39/2.97 | 2.85/2.7 |
| Θ(30°) | 3.48/3.82 | 3.54/3.01 | 2.82/3.08 | 2.7/2.2 | 1.71/0.6 | 0.61/0.9 | 0.52/0.59 | 1.53/1.92 | 2.2/2.93 | 3.41/4.03 | 4.43/4.31 | 3.82/3.28 | 3.37/3.52 | 3.48/2.94 | 1.78/0.68 | -0.14/-0.79 | -1.6/-1.97 | -1.82/-1.2 | -0.24/0.32 | 0.09/-0.6 | -0.88/-1.16 | -0.8/0.1 | 1.41/2.44 | 2.44/2.59 |
| Θ(37.5°) | 2.58/2.52 | 1.72/1.47 | 2/2.76 | 2.78/2.08 | 1.78/2.58 | 2.52/2.02 | 1.34/1.03 | 1.57/1.62 | 1.6/1.3 | 0.8/1.94 | 2.46/2.12 | 1.44/0.81 | 0.52/0.9 | 0.55/-0.38 | -1.04/-1.98 | -3.63/-4.4 | -4.03/-3.04 | -2.14/-2.18 | -1.04/0.77 | 1.57/0.75 | -1.46/-2.87 | -2.05/-1.14 | -0.38/0.36 | 0.41/1.71 |
| Θ(45°) | 2.49/2.52 | 1.51/1.26 | 1.59/2.03 | 1.77/1.45 | 2.19/3.05 | 2.72/2.1 | 1.68/1.6 | 1.8/2.37 | 2.84/2.48 | 0.68/-1 | 0.03/0.78 | -0.03/-1.16 | -1.59/-1.07 | -1.09/-2.5 | -2.12/-3.22 | -4.58/-3.86 | -2.22/-1.3 | -0.92/-1.25 | -1.51/-0.07 | 1.72/2.03 | 0.78/-0.31 | 0.25/1.68 | 1.75/1.01 | 0.5/1.32 |
| Θ(52.5°) | 2.41/1.5 | 0.86/0.93 | 0.27/0.06 | 0.3/1.11 | 1.91/2.18 | 2.21/1.93 | 1.67/0.91 | 0.56/1.13 | 1.9/2.25 | 1.39/-0.99 | -1.03/-0.21 | -0.98/-1.78 | -2.92/-3.53 | -5.94/-4.75 | -2.32/-2.39 | -2.69/-2.11 | -0.9/-0.61 | -0.26/-0.68 | -1.82/-1.69 | -0.16/1 | 0.88/0.93 | 2.2/2.92 | 2.67/1.81 | 1.45/2.52 |
| Θ(60°) | 2.91/1.6 | -1.41/-1.32 | -2.07/-1.03 | -0.4/0.73 | 1.92/1.55 | 1.28/1.86 | 1.38/0.09 | -0.68/0.04 | 0.26/1.02 | 2.06/1.62 | 0.12/0.67 | 0.73/-0.3 | -1.12/-2.67 | -5.08/-3.16 | -1.4/-1.4 | -1.57/-1.72 | -1.98/-2.68 | -0.9/0.41 | -0.34/-1.32 | -0.94/-0.23 | 0.29/0.93 | 2.5/3.82 | 3.76/2.24 | 0.79/2.46 |
| Θ(67.5°) | 0.73/-0.17 | -4.42/-4.53 | -4.03/-3.04 | -0.6/2.59 | 3.37/1.83 | 0.07/0.64 | 0.67/0.17 | -2.14/-2.69 | -0.71/-0.39 | 0.58/1.32 | 0.45/2 | 2.09/0.71 | 0.36/-1.77 | -2.22/-3.88 | -2.15/-1.93 | -1.46/-2.36 | -4.3/-4.05 | -1.18/0.25 | 0.2/-0.66 | -1.46/-0.66 | -0.15/0.32 | 2.18/3.28 | 3.44/2.27 | -0.08/0.29 |
| Θ(75°) | -2.3/-2.34 | -6.42/-4.32 | -3.57/-1.41 | 1.35/3.43 | 2.97/0.78 | -1.18/0.33 | 1.63/1.16 | -1.52/-4.68 | -3.39/-1.62 | -1.01/-0.26 | -0.54/0.09 | 1.44/0.16 | 0.52/-1.08 | -2.2/-3.39 | -2.55/-1.98 | -2.85/-4.23 | -7.93/-4.5 | -0.86/0.44 | 0.4/-0.47 | -0.91/-0.81 | -0.43/-0.21 | 0.85/2 | 2.18/1.16 | -1.81/-1.52 |
| Θ(82.5°) | -2.41/-1.98 | -2.4/-1.16 | -0.71/0.74 | 1.9/2.73 | 1.72/-1.57 | -2.44/-2.52 | -1.75/-1.72 | -2.81/-4.86 | -7.76/-6.46 | -4.25/-2.11 | -0.84/-2.66 | -0.19/-1.42 | -0.54/-1.28 | -3.37/-3.89 | -3.96/-3.46 | -4.99/-7.57 | -5.72/-2.75 | -1.41/-1.12 | -0.2/-0.34 | -0.04/0.7 | 0.37/0.4 | -0.03/-0.28 | 0.72/0.56 | -3.52/-3.35 |
| Θ(90°) | -1.41/-1.03 | -0.66/-0.5 | -0.75/0.47 | 1.26/1.1 | -0.99/-0.34 | -1.11/-2.06 | -0.95/-1.54 | -3.89/-8.41 | -6.26/-5.66 | -7.19/-5.93 | -2.91/-4.38 | -1.45/-3.39 | -1.94/-2.73 | -3.89/-3.64 | -4.15/-2.7 | -4.39/-8.23 | -4.13/-0.72 | -0.91/-1.04 | -0.1/-0.78 | 0.45/1.84 | 0.78/1.15 | 0.72/-1.03 | -1.43/-0.89 | -3.25/-3.85 |
| Θ(97.5°) | -0.5/-1.46 | -0.33/-1.01 | -1.94/-1.23 | -2.64/-3.4 | -1.63/0.07 | -1.92/-3.15 | -2.9/-4.53 | -6.05/-8.17 | -5.31/-4.13 | -3.78/-2.82 | -1.88/-2.41 | -2.24/-3.24 | -2.84/-1.76 | -4.57/-2.91 | -3.95/-2.04 | -5.81/-7.57 | -1.98/0.05 | -1.77/-2.23 | -0.73/-0.73 | -1.01/0.7 | -0.29/1.32 | 1.76/0.44 | 0.03/-0.52 | -1.5/-2.03 |
| Θ(105°) | -1.9/-2.5 | -0.41/-0.06 | -2.93/-4.49 | -5.06/-4.01 | -1.79/-1.09 | -4.31/-5.78 | -5.78/-8.68 | -8.81/-8.52 | -5.07/-2.92 | -3.05/-2.57 | -1.94/-0.98 | -0.62/-1.98 | -2.47/-2.53 | -3.77/-2.83 | -3.45/-1.41 | -5.05/-6.83 | -3.55/-0.76 | -1.11/-2.73 | -0.08/-1.74 | -1.41/-0.86 | -1.23/1.01 | -0.17/-0.24 | -1.05/-1.2 | -1.16/-2.39 |
| Θ(112.5°) | -4.14/-3.52 | -1.7/-2.48 | -4.81/-5.15 | -4.14/-2.12 | -1.58/-4.07 | -5.88/-9.04 | -9.63/-11.92 | -8.48/-7.94 | -4.93/-2.89 | -2.52/-2.06 | -2.96/-1.65 | -1.84/-1.42 | -2.82/-3.09 | -4.91/-4.32 | -4.03/-4.95 | -7.05/-8.26 | -5.73/-2.15 | -1.28/-2.29 | -1.24/-3.49 | -1.06/-1.79 | -1.64/0.22 | -1.46/-0.04 | -1.51/-1.96 | -2/-2.34 |
| Θ(120°) | -2.82/-4.57 | -1.6/-0.88 | -1.98/-2.79 | -3.31/-3.97 | -3.91/-4.85 | -5.92/-8.62 | -11.27/-10.32 | -9.02/-8.56 | -4.9/-3.16 | -2.2/-1.15 | -3.33/-3.14 | -3.88/-3.16 | -3.72/-3.43 | -4.75/-4.16 | -5.21/-6.37 | -6.72/-10.17 | -8.7/-3.83 | -1.57/-2.6 | -2.22/-2.89 | -0.99/-1.65 | -3.17/-3.7 | -2.93/-1.28 | -2.8/-2.75 | -1.3/-2.44 |
| Θ(127.5°) | -4.24/-1.3 | -0.45/0.43 | -0/-2.14 | -3.37/-3.53 | -4.42/-5.61 | -9.97/-10.76 | -9.89/-9.35 | -8.81/-8.76 | -6.81/-3.1 | -1.58/-0.95 | -2.34/-2.54 | -3.33/-3.02 | -4.74/-3.15 | -4.17/-5.93 | -8.6/-8.64 | -8.9/-10 | -8.19/-3.33 | -2.59/-2.4 | -3.24/-2.97 | -3.4/-3.24 | -3.69/-9.11 | -6.86/-4.61 | -5.74/-6.25 | -3.1/-3.7 |
| Θ(135°) | -2.44/-1.88 | -0.65/-1.26 | -1.63/-2.92 | -3.6/-3.67 | -4.96/-7.2 | -9.69/-11.98 | -10.64/-9.78 | -8.14/-7.51 | -8.66/-5.06 | -2.56/-2.57 | -2.64/-3.77 | -3.82/-2.56 | -3.57/-3.13 | -3.88/-6.25 | -9.86/-10.89 | -9.53/-10 | -8.64/-5.03 | -3.34/-3.59 | -3.53/-3.72 | -4.65/-3.48 | -3.41/-5.39 | -5.76/-5.37 | -5.03/-4.26 | -4.31/-2.68 |
| Θ(142.5°) | -1.6/-0.94 | 0.52/-0.18 | -2.3/-3.17 | -4.15/-5.37 | -6.65/-8.9 | -10.94/-10.3 | -9.99/-8.61 | -7.91/-7.88 | -8.57/-8.61 | -7.73/-4.67 | -3.92/-5.21 | -5.15/-5.73 | -4.91/-4.17 | -6.38/-8.19 | -10.32/-8.66 | -7.49/-9.22 | -8.77/-5.29 | -4.14/-4.74 | -6.13/-6.96 | -7.42/-7.05 | -4.97/-2.16 | -2.67/-4.56 | -2.68/-3.11 | -4.06/-2.42 |
| Θ(150°) | -1.4/-1 | -0.64/-1.61 | -3.04/-3.52 | -5.48/-6.68 | -7.49/-9.9 | -10.61/-11.66 | -11.66/-9.74 | -6.35/-7.01 | -9.34/-7.86 | -6.86/-7.43 | -10.18/-7.14 | -5.39/-5.95 | -4.68/-4.54 | -6.59/-7.45 | -8.21/-10.77 | -10.96/-10.51 | -10.36/-7.15 | -5.6/-5.67 | -6.28/-7.44 | -10.51/-10.95 | -6.67/-4.18 | -4.12/-2.64 | -0.94/-0.98 | -1.92/-1.02 |
| Θ(157.5°) | -2.64/-2.42 | -2.79/-3.32 | -3.51/-4.34 | -5.64/-8.04 | -9.98/-10.12 | -10.35/-10.61 | -11.83/-9.73 | -7.97/-6.09 | -4.67/-4.38 | -5.09/-5.85 | -5.03/-4.32 | -5.38/-7.76 | -8.65/-9.26 | -9.99/-9.68 | -8.17/-7.12 | -6.75/-8.02 | -9.64/-10.3 | -9.22/-8.04 | -7.66/-7.13 | -7.92/-8.4 | -7.32/-6.74 | -5.83/-4.27 | -2.59/-2.5 | -2.31/-2.33 |
| Θ(165°) | -3.7/-3.31 | -3.37/-4.01 | -4.87/-6.28 | -8.5/-10.03 | -9.84/-9.73 | -9.87/-9.98 | -10.19/-10.39 | -8/-5.82 | -4.67/-3.9 | -3.8/-3.92 | -4.62/-5.64 | -6.36/-7.73 | -7.45/-7.17 | -7.77/-7.85 | -7.35/-7.65 | -8.86/-9.49 | -9.32/-9.61 | -9.46/-8.93 | -8.23/-8.91 | -8.69/-6.75 | -6.55/-7.01 | -6.93/-5.55 | -3.96/-2.94 | -2.72/-3.16 |
| Θ(172.5°) | -6.34/-6.87 | -7.94/-8.61 | -8.71/-8.54 | -9.24/-9.43 | -9.88/-11.05 | -11.66/-11.71 | -11.62/-11.4 | -9.29/-7.71 | -6.88/-6.62 | -7.02/-7.1 | -6.69/-5.65 | -5.41/-5.49 | -5.7/-6.64 | -7.18/-8.55 | -8.45/-8.68 | -8.97/-9.24 | -9.47/-9.36 | -9.45/-10.16 | -10.02/-9.4 | -9.15/-9.66 | -10.51/-9.98 | -7.93/-5.94 | -5.55/-5.63 | -5.56/-5.3 |
| Θ(180°) | -5.88/-6.92 | -8.32/-7.96 | -7.83/-7.2 | -6.95/-7.09 | -7.85/-8.62 | -9.56/-9.52 | -9.87/-10.52 | -10.28/-10.33 | -10.16/-8.91 | -7.61/-6.58 | -5.82/-5.41 | -4.94/-5.16 | -5.65/-6.62 | -6.91/-6.78 | -6.28/-5.64 | -6.65/-7.3 | -7.7/-7.83 | -7.49/-8.11 | -8.74/-9.85 | -11.35/-9.83 | -8.3/-7.53 | -7.29/-8.13 | -8.59/-7.94 | -5.93/-5.15 |
| Freq(Hz) | 5.3G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | -0.39/-0.33 | -0.17/0.58 | 1.63/2.64 | 3.4/4.06 | 4.68/5.17 | 5.41/5.46 | 5.39/5.39 | 5.3/5.06 | 4.73/4.25 | 3.55/2.57 | 1.29/-0.18 | -0.83/-1.29 | -1.43/-1.45 | -1.36/-0.46 | 1.04/2.47 | 3.58/4.5 | 4.94/5.11 | 5.26/5.72 | 5.98/5.91 | 5.67/5.45 | 5.33/5.17 | 4.79/4.24 | 3.62/2.8 | 1.87/1.12 |
| Θ(7.5°) | -2.89/-3.59 | -4.06/-3.38 | -1.56/0.26 | 1.59/2.77 | 3.74/4.81 | 5.53/5.84 | 6.01/6.04 | 6.03/5.88 | 5.56/5.1 | 4.72/4.11 | 3.07/1.85 | 0.64/0.83 | 1.1/1.28 | 1.49/2.29 | 3.08/4.05 | 4.61/4.82 | 5.08/5.35 | 5.41/5.67 | 5.68/5.44 | 5.17/4.85 | 4.46/3.94 | 3.26/2.41 | 1.35/0.48 | -0.4/-0.69 |
| Θ(15°) | -3.3/-3.39 | -4.13/-3.61 | -2.87/-0.85 | 1/2.39 | 3.12/3.97 | 4.77/5.41 | 5.68/5.77 | 5.77/5.82 | 5.83/5.75 | 5.61/5.22 | 4.32/2.92 | 1.24/0.18 | 0.69/1.16 | 2.25/3.44 | 4.49/5.22 | 5.58/5.76 | 5.84/5.93 | 5.81/5.81 | 5.91/5.92 | 5.82/5.63 | 5.46/5.04 | 4.47/3.61 | 2.41/0.76 | -1.5/-3.38 |
| Θ(22.5°) | -2.24/-2.7 | -2.87/-3.02 | -3.63/-2 | 0.33/2.37 | 3.69/4.73 | 5.19/5.14 | 5.07/5.08 | 5.07/5.16 | 5.13/5.08 | 5.01/4.7 | 3.83/2.6 | 0.85/-0.07 | 0.19/0.78 | 1.02/1.99 | 3.24/4.05 | 4.7/5.22 | 5.38/5.54 | 5.44/5.37 | 5.45/5.71 | 5.96/6.07 | 6.05/5.82 | 5.26/4.45 | 3.4/1.9 | 0.6/-0.95 |
| Θ(30°) | 0.11/-0.73 | -0.65/-1.41 | -1.23/0.15 | 1.43/2.13 | 2.4/2.55 | 2.57/2.35 | 2.14/2.11 | 2.35/3.05 | 3.65/3.6 | 3.66/3.43 | 2.56/1.72 | 0.31/-0.61 | 0.42/0.77 | 0.61/1.09 | 1.83/2.6 | 3.88/4.3 | 3.9/3.69 | 3.5/3.34 | 3.63/4.02 | 4.23/4.31 | 4.59/4.51 | 3.97/3.27 | 1.99/1.02 | 1.08/0.63 |
| Θ(37.5°) | 2.48/1.76 | 1.75/2.59 | 2.16/2.17 | 2.88/3.49 | 3.21/2.43 | 1.87/0.74 | 0.16/0.02 | -0.1/-0.09 | 0.33/0.94 | 1.84/2.01 | 2.09/1.97 | 1.24/1.44 | 2.02/1.6 | 0.44/0.07 | 0.02/1.15 | 1.63/1.04 | -0.8/-1.29 | -0.4/0.17 | -0.19/-0.72 | -0.84/-0.27 | 0.93/1.41 | 1.39/1.52 | 1.44/0.54 | 0.95/1.09 |
| Θ(45°) | 3.39/2.37 | 2.7/3.23 | 2.97/3.16 | 3.44/3.8 | 3.88/3.14 | 1.48/0.4 | 0.6/1.44 | 1.45/0.08 | -1.86/-1.25 | -0.28/0.82 | 1.44/2.01 | 2.18/1.46 | 1.33/0.67 | -0.15/0.62 | 1.18/1.19 | 0.55/-0.41 | -1.39/-2.13 | -1.73/-0.42 | 0.04/0.11 | 0.31/0.97 | 1.76/2.21 | 2/2.06 | 2.27/2.3 | 3.1/3.41 |
| Θ(52.5°) | 3.9/2.84 | 2.59/1.97 | 3.2/3.3 | 2.81/3.46 | 3.65/3.38 | 1.63/0.43 | 0.57/1.6 | 2.02/1.53 | -0.13/-0.07 | 0.53/0.19 | -0.48/1.58 | 1.58/0.03 | 0.12/0.14 | -0.3/0.29 | 1.09/0.85 | 1.09/1.13 | -0.01/-0.86 | -0.08/1.04 | 0.6/-1.3 | -1.59/0.31 | 1.04/0.99 | 1.68/2.64 | 3.12/3.2 | 3.68/4.61 |
| Θ(60°) | 1.94/1.14 | 1.61/1.79 | 1.53/1.38 | 2.86/3.95 | 3.89/3.54 | 2.8/3.1 | 3.74/4.25 | 4.42/3.84 | 2.05/0.96 | 1.38/1.53 | -0.84/0.18 | 0.3/-0.94 | -0.59/-0.44 | -0.3/1.57 | 3.08/2.33 | 2.43/2.31 | 1.22/0.45 | 0.51/1.57 | 1.21/-0.14 | -0.59/0.59 | 2.16/2.08 | 1.06/1.45 | 2.4/3.19 | 3.31/3.25 |
| Θ(67.5°) | 0.08/-1.69 | -0.79/-0.02 | 0.54/1.55 | 2.92/3.97 | 4.49/4.17 | 4.1/4.3 | 4.79/5.32 | 5.16/4.82 | 3.29/1.82 | 1.4/1.59 | -1.42/-0.41 | -1.31/-2.06 | -1.45/-1.39 | -0.37/2.3 | 2.96/2.68 | 2.93/3.14 | 3.43/3.64 | 3.77/3.93 | 3.57/3.3 | 2.87/2.37 | 3.18/3.26 | 2.92/2.2 | 1.95/2.34 | 2.54/2.19 |
| Θ(75°) | -1.75/-4.29 | -3.64/-0.5 | 0.82/1.57 | 2.56/3.97 | 4.58/4.62 | 3.4/1.46 | 1.43/1.7 | 2.09/2.94 | 3.2/2.23 | 1.03/0.47 | -0.32/0.2 | -0.84/-0.72 | -0.81/-0.22 | 0.49/1.89 | 3.48/3.29 | 3.45/4.66 | 4.91/5.42 | 6.19/6.64 | 6.16/5.26 | 4.34/3.55 | 3.89/3.87 | 3.74/2.77 | 0.81/1.18 | 1.02/0.75 |
| Θ(82.5°) | -2.37/-5.7 | -2.93/-0.23 | 0.59/0.86 | 1.8/2.31 | 3.46/3.28 | 2.44/3.98 | 3.95/4.04 | 3.1/1.45 | 0.84/1.23 | 1.08/0.78 | 0.4/0.36 | -1.87/-0.99 | 0.14/-0.9 | 0.53/1.98 | 3.03/1.74 | 2.87/5 | 5.37/6.77 | 7.99/7.98 | 7.22/6.51 | 5.5/4.3 | 4.02/4.1 | 3.6/3.16 | 1.49/0.33 | -1.18/-1.35 |
| Θ(90°) | -2.08/-5.46 | -1.99/0.26 | 0.34/0.43 | 0.74/1.33 | 1.76/0.37 | 2.99/3.32 | 2.23/1.79 | 2.91/2.22 | 0.14/-0.14 | 0.31/0.48 | 0.26/0.56 | -1.16/-1.54 | 1.01/-2.36 | 0.74/0.74 | 1.75/0.98 | 1.49/4.23 | 4.95/6.87 | 8.68/8.67 | 7.77/6.68 | 5.72/4.52 | 3.64/4.24 | 3.43/2.51 | 0.51/-1.34 | -1.22/-1.11 |
| Θ(97.5°) | -5.84/-5.07 | -3.99/-1.17 | 0.16/-0.13 | -0.04/-0.81 | -1.43/-1.52 | 0.27/0.41 | -0.39/-1.25 | 0.79/1.99 | 0.29/-1.78 | 0.02/0.29 | -0.63/-0.9 | -1.19/-1.16 | -0.12/-1.16 | 1.12/-0.24 | 0.92/0.58 | 1.34/2.56 | 3.13/6.04 | 7.51/7.6 | 6.83/6.01 | 5.54/4.76 | 3.62/3.23 | 1.74/0.03 | -2.18/-1.8 | -1.18/-2.65 |
| Θ(105°) | -7.49/-3.44 | -5.08/-1.77 | -0.85/-2.36 | -3.12/-3.04 | -5.15/-3.7 | -1.29/-1.73 | -1.51/-2.77 | -1.03/1.34 | -0.01/-1.71 | -0.73/0.3 | -0.38/-1.17 | -2.24/-1.67 | -1.09/-2.48 | -1.05/-1.87 | -0.42/-0.4 | 0.64/0.66 | 0.1/2.31 | 5.17/5.34 | 4.83/4.85 | 4.59/4.61 | 2.5/1.83 | 0.44/-3.07 | -3.52/-2.02 | -1.84/-4.87 |
| Θ(112.5°) | -6.85/-2.83 | -4.3/-4.95 | -3.47/-4.69 | -4.42/-4.35 | -4.99/-3.68 | -3.49/-2.56 | -2.77/-3.53 | -1.75/0.43 | 0.24/-1.25 | -2.42/-0.53 | -1.12/-2.44 | -2.57/-3.03 | -2.6/-3.1 | -1.48/-3.08 | -2.83/-1.3 | -1.9/-1.47 | -1.65/-0.11 | 3.18/3 | 3.27/3.15 | 3.27/3.55 | 1.88/0.12 | -2.17/-6.81 | -6.2/-3.13 | -1.97/-5.65 |
| Θ(120°) | -4.19/-5.23 | -4.8/-5.85 | -4.28/-2.63 | -3.57/-6.39 | -4.62/-2.09 | -2.56/-4.39 | -6.08/-3.96 | -2.18/-1.54 | -0.9/-0.57 | -1.84/-1.74 | -2.34/-2.44 | -3.47/-5.06 | -4.67/-4.23 | -2.77/-3.91 | -4.26/-1.96 | -3.08/-3.19 | -2.98/-1.21 | 0.29/-1.26 | -0.43/1.45 | 2.7/2.25 | 1.2/-1.96 | -2.16/-6.8 | -5.51/-5.93 | -5.23/-3.81 |
| Θ(127.5°) | -5.06/-6.3 | -7.72/-4.85 | -3.59/-2.78 | -1.79/-2.3 | -3.52/-4.3 | -5.49/-6.03 | -4.03/-2.86 | -3.59/-2.84 | -1.83/-2.76 | -2.36/-2.52 | -3.41/-2.58 | -4.26/-5.88 | -6.13/-6 | -4.3/-2.54 | -4.56/-4.92 | -4.66/-3.53 | -4.1/-7.21 | -4.17/-4.14 | -3.58/-0.88 | 0.81/1.05 | 0.16/-2.42 | -2.92/-4.85 | -7.56/-5.31 | -5.5/-5.45 |
| Θ(135°) | -6.98/-5.74 | -6.43/-6.3 | -3.26/-2.28 | -1.28/-0.32 | -0.77/-2.36 | -5.53/-6.46 | -4.17/-2.23 | -2.24/-3.68 | -4.97/-4.49 | -4.02/-4.11 | -4.71/-2.76 | -4.67/-5.57 | -5.22/-5.63 | -6.39/-4.51 | -6.76/-8.91 | -6.24/-5.15 | -4.91/-7.33 | -6.22/-5.48 | -6.5/-4.54 | -0.48/0.11 | -2.02/-3.76 | -3.69/-4.4 | -8.21/-10.33 | -7.15/-7.54 |
| Θ(142.5°) | -7.23/-7.69 | -5.78/-5.74 | -5.05/-4.61 | -3.23/-2.18 | -1.9/-3.72 | -5.15/-5.62 | -5.82/-4.48 | -2.86/-3.03 | -6.14/-9.18 | -9.27/-8.31 | -6.4/-6.48 | -7.44/-8.48 | -7.51/-5.63 | -6.66/-8.37 | -9.72/-8.33 | -8.99/-7.65 | -5.34/-6.41 | -8.1/-6.85 | -6.19/-4.74 | -3.23/-3.59 | -6.02/-6.24 | -4.82/-5.21 | -5.62/-6.79 | -7.69/-6.23 |
| Θ(150°) | -9.87/-10.8 | -6.88/-6.16 | -4.39/-4.02 | -4.57/-3.84 | -3.23/-3.85 | -5.38/-6.06 | -3.65/-1.79 | -2.7/-4.78 | -7.15/-7.67 | -8.2/-8.58 | -7.86/-8.2 | -8.75/-9.2 | -9.72/-9 | -7.71/-7.93 | -9.08/-10.31 | -11.72/-7.44 | -4.28/-4.73 | -6.71/-8.55 | -7.72/-7.69 | -6.51/-4.21 | -2.7/-3.33 | -4.46/-5.77 | -7.83/-6.48 | -6.21/-7.57 |
| Θ(157.5°) | -9.32/-9.85 | -7.82/-6.41 | -5.96/-5.81 | -6.16/-6.43 | -7.08/-7.65 | -7.47/-5.72 | -4.28/-3.98 | -3.21/-2.54 | -3.25/-5.14 | -7.34/-7.78 | -7.81/-8.4 | -9.44/-9 | -8.83/-6.94 | -5.98/-6.19 | -7.83/-7.56 | -5.57/-4.19 | -3.95/-5.53 | -7.67/-8.96 | -9.88/-7.85 | -5.72/-5.35 | -6.28/-7.1 | -6.51/-5.48 | -6.36/-8.91 | -10.9/-11.81 |
| Θ(165°) | -11.51/-10.71 | -9.07/-8.46 | -8.13/-8.05 | -6.89/-6.05 | -6.13/-7.22 | -8.05/-7.09 | -6.11/-5.07 | -3.56/-2.87 | -2.7/-3.14 | -4.33/-5.75 | -7.51/-9.63 | -8.91/-8.34 | -8.78/-8.31 | -6.99/-6.35 | -7.24/-7.36 | -7.45/-7.76 | -8.68/-9.45 | -10.63/-10.56 | -8.05/-7.06 | -6.71/-7.33 | -7.06/-5.66 | -5.11/-6.06 | -7.32/-8.72 | -10.96/-12.71 |
| Θ(172.5°) | -12.16/-12.6 | -11.55/-9.95 | -9.77/-10.77 | -10.87/-10.18 | -9.12/-7.03 | -5.34/-4.08 | -3.36/-2.82 | -2.41/-2.33 | -3.37/-4.87 | -7.39/-8.62 | -9.24/-9.13 | -9.3/-9.59 | -8.34/-7.42 | -6.49/-6.76 | -7.23/-7.25 | -6.75/-7.03 | -7.59/-8.54 | -9.75/-9.24 | -9.84/-10.59 | -10.06/-7.95 | -6.7/-6.17 | -6.58/-7.74 | -9.07/-11.23 | -11.34/-10.92 |
| Θ(180°) | -12.6/-12.59 | -11.9/-11.55 | -10.89/-9.96 | -8.68/-7.64 | -7.04/-6.49 | -6.44/-6.78 | -6.56/-6.37 | -6.89/-7.32 | -7.75/-7.72 | -7.29/-7.31 | -7.68/-8.32 | -9.28/-9.26 | -9.11/-9.17 | -8.94/-8.55 | -7.89/-7.84 | -7.37/-7.06 | -6.6/-6.05 | -6.06/-5.98 | -5.94/-5.44 | -4.79/-4.26 | -4.51/-5.34 | -6.15/-6.78 | -7.31/-8.12 | -9.36/-11.01 |
| Freq(Hz) | 5.3G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 5.27/5.46 | 5.51/5.24 | 4.82/4.33 | 3.97/3.13 | 2.03/0.71 | -0.03/-0.96 | -1.36/-2.14 | -2.95/-2.67 | -1.58/0.03 | 1.25/2.39 | 3.4/4.1 | 4.7/4.91 | 5.29/5.32 | 5.17/4.84 | 4.45/4.29 | 4.3/4.07 | 3.4/2.4 | 1.41/0.38 | -0.47/-0.56 | -0.53/0.28 | 1.47/2.55 | 3.28/4.05 | 4.73/5.18 | 5.38/5.33 |
| Θ(7.5°) | 5.39/5.46 | 5.62/5.59 | 5.32/4.84 | 4.38/3.82 | 2.69/1.12 | -0.28/-1.71 | -3.12/-4.09 | -3.86/-2.34 | 0.14/2 | 3.27/4.14 | 4.64/5.09 | 5.4/5.52 | 5.54/5.48 | 5.39/5.21 | 4.73/4.28 | 4.08/3.88 | 3.5/2.71 | 2.05/1.3 | 0.75/0.35 | -0.05/-0.77 | -0.3/0.62 | 1.33/2.25 | 3.39/4.41 | 4.85/4.84 |
| Θ(15°) | 5.84/5.69 | 5.63/5.65 | 5.42/4.89 | 4.25/3.67 | 2.89/1.79 | 0.65/-0.24 | -1.22/-2.08 | -1.73/-0.82 | 0.8/2.39 | 3.56/4.49 | 5.34/6.04 | 6.35/6.11 | 5.76/5.4 | 5.25/5.18 | 4.86/4.52 | 4/3.8 | 3.44/2.59 | 1.64/0.82 | 0.06/-0.85 | -1.61/-2.72 | -2.94/-2.43 | -1.11/0.6 | 2.14/3.53 | 4.4/5.19 |
| Θ(22.5°) | 6.06/6.39 | 6.04/5.67 | 5.34/5.08 | 4.51/3.4 | 1.88/1.05 | 0.92/0.55 | 0.05/0.27 | 1.12/1.93 | 2.8/3.57 | 4.3/5 | 5.75/6.32 | 6.28/6.01 | 5.5/4.84 | 4.38/3.97 | 3.61/3.4 | 3.22/2.96 | 2.41/1.92 | 1.25/0.43 | -0.42/-0.91 | -1.19/-1.73 | -2.26/-1.92 | -0.18/1.55 | 2.64/2.45 | 2.79/4.6 |
| Θ(30°) | 4.22/4.59 | 4.5/4.33 | 4.17/4.53 | 4.25/3.21 | 2.05/1.34 | 1.34/1.57 | 1.55/1.1 | 0.91/1.25 | 2.16/3.12 | 3.7/4.09 | 4.91/5.13 | 5.15/4.85 | 4.63/4.09 | 3.37/3.09 | 2.87/2.23 | 1.56/1.15 | 0.66/-0.15 | -1.09/-1.17 | -0.62/-0.28 | -0.63/-1.51 | -2.49/-2.16 | -0.78/0.52 | 1.81/2.09 | 2.07/3.25 |
| Θ(37.5°) | 3.16/3.12 | 2.34/1.41 | 2.01/3.23 | 3.5/2.98 | 2.33/2.48 | 2.56/2.66 | 2.54/1.99 | 1.69/1.43 | 1.41/1.33 | 1.79/1.76 | 2.06/2.51 | 2.07/2.38 | 2.35/1.66 | 1.34/1.7 | 1.42/0.55 | -0.25/-0.68 | -1.56/-2.59 | -2.81/-2.14 | -0.54/0.75 | 0.89/-0.58 | -3.87/-4.98 | -2.41/-0.71 | -0.24/0.31 | 1.25/2.77 |
| Θ(45°) | 2.26/1.06 | -0.17/0.14 | 1.45/2.21 | 1.94/1.54 | 2.34/2.37 | 2.41/2.5 | 2.21/1.75 | 1.92/2.59 | 2.52/2.05 | 0.56/-0.58 | -0.43/0.73 | 0.3/-1.2 | -1.11/-0.84 | -0.12/0.24 | 0.47/-0.12 | -2.29/-2.55 | -1.64/-1.24 | -0.82/-0.99 | -0.78/0.35 | 1.64/1.38 | -1.04/-2.83 | -0.58/1.23 | 1.53/0.63 | 0.58/1.94 |
| Θ(52.5°) | 1.84/0.83 | -1.73/-1.82 | -0.51/0.51 | 1.06/1.15 | 2.02/1.6 | 2.19/2.54 | 2.18/0.83 | 0.17/1.19 | 1.81/2.26 | 0.51/-3.55 | -3.24/-0.44 | -1.23/-1.54 | -2.5/-2.57 | -3.32/-2.44 | -1.01/-2.1 | -4.75/-4.15 | -1.02/0.22 | -0.64/-1.38 | -1.9/-1.25 | -0.48/0.8 | 0.29/-0.9 | 0.5/2.49 | 3.04/1.44 | 1.06/2.14 |
| Θ(60°) | 1.86/-0.11 | -3.29/-1.81 | -1.04/-0.58 | 0.25/1.53 | 1.93/1.87 | 1.81/1.98 | 2.18/1.97 | 0.12/-1 | -0.31/1.29 | 1.19/-0.57 | -1.25/0.33 | 0.76/0.34 | -0.42/-0.84 | -2.58/-1.31 | -0.59/-1.59 | -4.37/-3.74 | -1.01/-0.55 | -0.88/-0.94 | -1.41/-2 | -1.39/-0.14 | 0.51/0.61 | 1.35/2.94 | 3.77/2.61 | 1.41/2.68 |
| Θ(67.5°) | 1.2/-0.55 | -5.73/-4.42 | -2.48/-2.46 | 0.28/3.26 | 3.12/2.02 | 0.24/0.81 | 1.17/0.69 | -0.57/-3.13 | -2.87/-0.29 | 0.64/0.81 | 0.03/1.82 | 2.35/1.58 | 1.58/-0.7 | -0.97/-1.47 | -1.96/-2.65 | -3.86/-3.06 | -2.69/-2.97 | -1.45/-0.77 | -0.94/-1.92 | -1.73/-0.61 | 0.47/0.34 | 0.96/1.55 | 2.84/1.72 | 0.1/0.7 |
| Θ(75°) | -1.27/-2.69 | -6.77/-6.73 | -4.98/-2.58 | 1.5/3.54 | 3.29/1.56 | -0.09/0.85 | 1.05/0.77 | 0.16/-2.05 | -5.97/-3.41 | -0.48/0.35 | 0.09/0.6 | 2.56/1.59 | 1.35/-0.63 | -0.81/-2.5 | -2.88/-3.24 | -3.34/-2.84 | -7.1/-5.35 | -0.6/0.97 | 0.29/-0.92 | -0.99/0.44 | 0.15/-0.79 | -0.29/0.72 | 1.8/1 | -0.23/-0.27 |
| Θ(82.5°) | -1.61/-1.83 | -2.2/-3.01 | -1.44/0.58 | 2.03/3.29 | 2.75/-0.53 | -0.31/-1.13 | -0.71/-0.05 | -0.94/-4.74 | -6.13/-5.19 | -3.27/-2.07 | -0.25/-1.5 | 1.57/-0.14 | -0.22/-0.9 | -2.36/-4.2 | -5/-4.78 | -5.65/-5.4 | -9.57/-4.83 | 0.02/-0.74 | -0.45/-0.73 | 0.02/1.85 | 1.51/1.07 | -0.19/-0.71 | 0.77/-0.88 | -3.7/-3.19 |
| Θ(90°) | -1.59/-0.44 | 0.46/-2.29 | -2.76/1.68 | 2.56/2.04 | -0.36/-0.78 | -0.46/-1.32 | -1.3/-0.44 | -1.27/-7.78 | -8/-7.22 | -6.36/-5.07 | -2.19/-4.2 | -0.94/-2.85 | -1.39/-2.44 | -1.99/-4.01 | -3.76/-2.1 | -4.84/-7.54 | -7.5/-3.18 | -1.34/-1.48 | 0.33/0.25 | 0.26/1.76 | 1.33/2.33 | 1.11/-0.89 | -1.11/-1.59 | -2.57/-5.06 |
| Θ(97.5°) | -0.45/0.36 | 1.13/-1.73 | -1.94/-0.05 | -1.32/-1.38 | -0.51/-0.12 | -2.75/-2.81 | -3.29/-4.25 | -2.44/-10.08 | -7.58/-6.89 | -3.97/-1.84 | -1.58/-3.3 | -2.89/-2.91 | -2.31/-1.15 | -1.97/-2.17 | -3.22/-0.6 | -6.29/-7.06 | -1.91/0.15 | -1.81/-1.73 | -0.26/0.36 | -0.83/0.3 | 0.06/2.55 | 2.14/0.37 | -0.31/-1.07 | -1.28/-2.69 |
| Θ(105°) | -0.58/-1.44 | 0.34/-0.92 | -3.14/-3.32 | -4.66/-2.62 | -0.53/-1.24 | -5.9/-6.6 | -5.84/-7.05 | -6.87/-6.66 | -6.55/-6.35 | -4.15/-1.68 | -0.96/-2.36 | -1.21/-1.97 | -1.65/-1.57 | -2.25/-1.89 | -2.34/-0.4 | -4.84/-7.2 | -2.74/-0.24 | -1.72/-2.72 | 0.31/-1.26 | -0.37/-0.59 | -0.71/1.66 | -0.15/-0.27 | -1.09/-1.62 | -1.85/-1.55 |
| Θ(112.5°) | -3.57/-1.62 | -1.6/-2.75 | -5.67/-5.09 | -3.85/-2.23 | -1.58/-2.72 | -4.2/-8.81 | -10.86/-8.25 | -8.26/-7 | -4.62/-4.53 | -4.29/-2.16 | -2.57/-1.52 | -1.44/-1.1 | -1.88/-2.33 | -4.03/-3.32 | -3.04/-2.9 | -7.45/-9.33 | -5.07/-1.9 | -1.22/-2.38 | -0.21/-3.18 | -0.12/-1.68 | -2.06/0.49 | -1.18/0.26 | -1.14/-1.89 | -2.83/-2.89 |
| Θ(120°) | -3.46/-4.31 | -0.62/-1.66 | -2.05/-2.31 | -2.51/-3.19 | -3.27/-4.67 | -6.25/-9.7 | -11.01/-9.31 | -8.89/-7.12 | -4.17/-4.98 | -2.66/-1.61 | -3.13/-2.55 | -3.08/-3.08 | -3.49/-3.16 | -4/-3.1 | -4.97/-6.34 | -5.7/-9.72 | -8.41/-3.6 | -1.8/-2.01 | -1.48/-2.05 | -0.52/-1.85 | -2.85/-2.3 | -1.88/-0.19 | -2.66/-2.06 | -2.38/-3.08 |
| Θ(127.5°) | -1.93/-1.12 | -0.33/0.41 | 0.04/-2.19 | -3.23/-3.52 | -3.5/-4.84 | -9.5/-12.06 | -10.54/-9.92 | -8.16/-8.62 | -6.07/-3.36 | -2.36/-1.01 | -2.99/-2.46 | -3.11/-1.62 | -4.03/-2.56 | -4.82/-4.65 | -8.04/-8.34 | -8.62/-10.15 | -9.11/-3.78 | -2.94/-2.85 | -3.21/-2.19 | -3.56/-3.94 | -4.08/-9.09 | -4.85/-2.98 | -5.23/-5.86 | -3.98/-2.95 |
| Θ(135°) | -1.56/-0.9 | -1.07/-0.9 | -1.09/-2.78 | -2.83/-3.02 | -3.79/-6.69 | -11.16/-11.88 | -9.78/-8.41 | -8.05/-8.58 | -9.06/-4.91 | -2.16/-2.29 | -3.39/-3.86 | -3.66/-2.26 | -3.01/-2.14 | -3.84/-4.96 | -8.53/-10.99 | -8.94/-9.96 | -8.41/-5.06 | -3.49/-3.77 | -4.59/-4.89 | -4.73/-3.36 | -3.7/-5.87 | -5.54/-5.4 | -5.37/-5.38 | -4.04/-2.85 |
| Θ(142.5°) | -1.37/-0.28 | 0.66/-0.05 | -1.48/-2.64 | -3.71/-4.63 | -5.53/-8.07 | -10.73/-10.14 | -8.64/-6.82 | -7.72/-8.62 | -8.34/-8.22 | -7.82/-4.9 | -2.8/-4.34 | -4.95/-5.51 | -3.44/-2.52 | -5.44/-8.13 | -10.05/-9.12 | -7.65/-8.23 | -7.75/-4.8 | -3.42/-4.27 | -6.4/-7.73 | -7.86/-6.02 | -4.81/-2.48 | -3.1/-4.24 | -2.84/-3.75 | -3.98/-2.08 |
| Θ(150°) | -0.35/-0.01 | 0.06/-1.19 | -2.3/-2.69 | -3.53/-5.72 | -6.66/-8.9 | -12.09/-11.8 | -10.95/-9.3 | -6.26/-6.31 | -7.69/-7.27 | -6.04/-6.07 | -8.54/-8.26 | -5.56/-5.28 | -4.75/-4.56 | -6.54/-7.86 | -8.28/-9.84 | -9.76/-10.3 | -11.01/-7.8 | -5.4/-4.98 | -6.02/-7.74 | -10.88/-9.96 | -5.97/-3.71 | -3.13/-2.22 | -1.67/-2.23 | -1.19/0.46 |
| Θ(157.5°) | -2.93/-1.76 | -1.72/-2.44 | -2.98/-3.29 | -4.29/-6.63 | -9.01/-11.75 | -11.2/-11.1 | -11.39/-9.51 | -7.27/-5.35 | -4.04/-3.67 | -4.8/-6.26 | -4.87/-3.3 | -4.2/-6.59 | -6.75/-7.67 | -10.05/-9.44 | -7.35/-6.58 | -6.9/-7.8 | -9.17/-8.63 | -8.15/-8.17 | -7.78/-6.76 | -7.26/-7.22 | -7.66/-6.73 | -5.69/-4.25 | -3.21/-2.88 | -2.54/-2.81 |
| Θ(165°) | -3.64/-2.98 | -3.48/-4.3 | -5.24/-6.11 | -7.39/-8.99 | -10.5/-10.5 | -10.15/-9.65 | -10.51/-10.56 | -8.55/-6.15 | -4.15/-3.07 | -2.54/-2.35 | -2.59/-3.81 | -5.72/-7.6 | -8.73/-8.5 | -8.69/-8.8 | -7.73/-7 | -6.78/-7.26 | -8.57/-8.58 | -9.09/-8.92 | -8.73/-8.59 | -8.61/-8.14 | -7.19/-7.15 | -6.78/-5.98 | -4.5/-3.55 | -3.54/-3.79 |
| Θ(172.5°) | -6.91/-6.42 | -6.92/-7.82 | -8.25/-8.28 | -8.6/-8.53 | -8.7/-9.32 | -10.91/-11.55 | -11.28/-10.99 | -8.23/-6.21 | -5.46/-5.32 | -5.49/-5.56 | -5.43/-5.2 | -5.63/-6.36 | -6.03/-6.67 | -7.01/-7.7 | -8.38/-8 | -8.58/-8.63 | -8.96/-9.08 | -9.15/-9.47 | -9.33/-8.69 | -8.05/-9.48 | -10.11/-9.77 | -7.54/-5.96 | -5.82/-6.4 | -7.01/-6.4 |
| Θ(180°) | -6.56/-6.54 | -6.99/-6.7 | -6.83/-7.46 | -7.87/-7.54 | -8.36/-9.64 | -9.47/-9.72 | -9.63/-9.85 | -10.07/-10.22 | -9.66/-9.06 | -7.31/-5.79 | -4.9/-4.49 | -4.81/-5.19 | -5.77/-6.24 | -6.64/-6.61 | -6.35/-5.73 | -5.78/-6.11 | -6.95/-7.38 | -8.2/-8.02 | -8.53/-9.68 | -10.53/-9.65 | -7.69/-7.07 | -7.08/-7.22 | -7.13/-6.81 | -6.43/-5.96 |
| Freq(Hz) | 5.6G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 0.29/0.78 | 2.33/3.8 | 4.96/5.62 | 6.2/6.77 | 7.17/7.45 | 7.59/7.55 | 7.54/7.39 | 7.05/6.73 | 6.38/6.17 | 5.7/5.01 | 4.19/3.22 | 2.09/0.86 | 0.02/0.53 | 2.02/3.41 | 4.38/5.47 | 6.33/7.06 | 7.39/7.51 | 7.54/7.7 | 7.68/7.29 | 6.85/6.68 | 6.75/6.67 | 6.3/5.6 | 4.64/3.64 | 2.8/1.76 |
| Θ(7.5°) | -2.66/-3.54 | -1.35/1.06 | 2.94/4.17 | 4.94/5.66 | 6.19/6.58 | 6.9/7.03 | 6.88/6.57 | 6.42/6.55 | 6.48/6.24 | 5.68/4.98 | 4.43/3.73 | 2.84/1.59 | 0.78/1.22 | 2.41/3.27 | 3.81/4.6 | 5.45/6.09 | 6.39/6.4 | 6.29/6.28 | 6.29/6.05 | 5.75/5.53 | 5.58/5.48 | 5.01/4.34 | 3.59/2.62 | 1.66/0.8 |
| Θ(15°) | -3.44/-6.13 | -4.14/-1.02 | 0.95/2.11 | 2.91/3.77 | 4.35/4.67 | 4.89/5.23 | 5.48/5.5 | 5.05/4.42 | 3.88/3.69 | 3.52/3.25 | 2.91/2.59 | 1.9/0.71 | -0.26/-0.7 | -0.29/0.57 | 1.96/3.29 | 4.3/5.05 | 5.56/5.74 | 5.72/5.51 | 5.14/4.76 | 4.61/4.56 | 4.39/3.97 | 3.33/2.41 | 1.32/0.85 | 0.22/-1.46 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(22.5°) | -2.48/-5.09 | -4.06/-2.66 | -0.6/0.2 | 1.09/2.78 | 4.18/4.95 | 5.3/5.44 | 5.58/6.04 | 6.16/5.9 | 5.33/4.73 | 3.95/3.18 | 2.64/1.96 | 1.51/0.72 | -0.26/-1.73 | -1.21/0.8 | 3.11/4.75 | 5.77/6.3 | 6.45/6.36 | 6.19/6.1 | 6.13/5.89 | 5.57/5.39 | 5.28/5.07 | 4.47/3.55 | 2.56/2.01 | 1.54/-0.14 |
| Θ(30°) | -2.05/-3.37 | -3.79/-2.2 | -1.41/-1.6 | 0.3/2.63 | 3.87/4.05 | 3.53/3.52 | 3.79/3.96 | 4.28/4.67 | 5.1/5.15 | 4.63/4 | 3.05/2.54 | 2.24/1.78 | 0.71/0.13 | 0.93/2.64 | 4.2/5.1 | 5.29/5.26 | 5.17/5.25 | 5.1/4.93 | 4.8/4.5 | 4.68/5.13 | 5.34/5.3 | 4.89/4.12 | 3.05/2.47 | 1.23/-0.57 |
| Θ(37.5°) | -0.25/-0.78 | -0.52/1.4 | 2.99/3.39 | 3.68/3.58 | 3.24/2.84 | 2.12/1.35 | 0.92/1.23 | 1.08/0.45 | 1.51/2.95 | 3.07/2.79 | 2.29/1.81 | 0.93/0.33 | 0.68/1.56 | 1.96/2.45 | 2.9/3.15 | 3.67/3.71 | 3.31/2.65 | 1.64/0.97 | 1.27/1.99 | 2.15/2.91 | 3.74/4.1 | 3.55/1.93 | 0.31/0.57 | 0.01/-1.57 |
| Θ(45°) | 1.19/1.89 | 2.22/3.45 | 4.07/4.08 | 4.4/4.16 | 3.93/3.63 | 2.84/1.44 | 0.58/0.39 | 0.03/-0.78 | -1.07/-0.42 | -0.29/-0.8 | 0.13/0.7 | 0.19/-0.65 | 0.06/1.71 | 2.01/2.17 | 2.8/2.04 | 1.66/0.83 | -0.49/-0.69 | -0.91/-1.78 | -1.56/-0.14 | -0.16/-0.93 | -0.32/1 | 1.71/1.18 | 0.31/1.04 | 0.91/0 |
| Θ(52.5°) | 1.97/2.33 | 3.47/4.29 | 3.6/2.73 | 2.9/3.25 | 2.84/2.85 | 2.59/1.63 | 1.69/2.06 | 1.49/0.54 | -0.17/-1.25 | -2.38/-4.05 | -3.82/-1.28 | -1.7/-2.18 | 0.37/2.14 | 2.58/1.72 | 1.36/0.84 | -0.64/0.17 | 1.45/1.98 | 0.98/-0.76 | -1.85/-2.16 | -0.55/0.16 | -0.09/0.6 | 1.17/1.4 | 1.78/1.85 | 1.87/1.43 |
| Θ(60°) | 3.08/3.34 | 1.81/2.08 | 0.89/1.3 | 1.6/1.87 | 2.79/3.15 | 2.18/1.63 | 2.94/3.84 | 3.56/2.35 | 2.21/1.8 | -0.51/-2.15 | -2.78/-1.23 | -1.52/-1.62 | 0.18/1.74 | 2.37/0.41 | 1.35/2.24 | 0.68/1.79 | 2.35/0.97 | -0.13/0.3 | -0.63/-2.89 | -3.8/-2.67 | -0.94/0.09 | 1.31/2.2 | 2.97/2.93 | 1.78/1.84 |
| Θ(67.5°) | 0.65/1.45 | 0.37/-0.22 | -1.13/-0.41 | 0.84/3.04 | 3.28/2.09 | 3.02/4.91 | 5.62/5.37 | 4.89/4.52 | 3.41/2.71 | 1.09/0.33 | -1.91/-0.07 | -0.77/-0.18 | 1.98/2.22 | 1.26/-1.22 | 1.51/1.76 | 1.65/4.08 | 3.53/2.03 | 1.79/2.66 | 2.24/-0.23 | -1.22/0.73 | 2.38/2.44 | 1.47/1.48 | 2.15/2.57 | 1.14/0.37 |
| Θ(75°) | -0.21/0.59 | -1.49/-1.32 | -1.09/0.48 | 1.74/2.43 | 1.52/2.34 | 3.1/3.08 | 2.42/2.03 | 2.22/2.49 | 3.25/3.15 | 2.44/0.14 | -1.03/-0.55 | -0.04/-0.43 | 1.25/1.5 | 0.8/0.43 | 0.46/1.4 | 1.86/4.75 | 5.33/5.17 | 5.09/5.95 | 6.08/5.12 | 3.68/3.34 | 4.07/3.52 | 2.56/1.34 | 2.1/2.43 | 1.07/0.08 |
| Θ(82.5°) | -0.75/-1.17 | -2.95/-1.06 | -0.82/-0.24 | 0.23/0.66 | 1.28/2.49 | 2.85/4.42 | 5.36/5.01 | 3.74/2.47 | 2.01/1.94 | 0.8/-1.28 | -1.44/0.02 | 0.66/0.31 | 1.26/1.21 | 1.56/0.61 | -0.19/0.79 | 2.1/5.1 | 5.08/6.14 | 7.82/7.67 | 6.85/6.32 | 5.52/4.28 | 4.37/3.73 | 3.44/2.03 | 0.8/1.37 | -0.35/-1.01 |
| Θ(90°) | -2.07/-2.04 | -2.33/-0.7 | -1.07/-1.68 | -0.83/-0.28 | 1.21/1.19 | 2.25/3.38 | 3.75/4.51 | 5.13/3.25 | 2.43/2.23 | 1.19/-0.95 | -0.73/-0.61 | 0.9/-0.36 | 0.63/1.4 | 1.78/1.02 | 0.18/0.79 | 1.34/4.45 | 5.07/6.5 | 8.22/8.4 | 7.65/7.48 | 6.36/5.08 | 3.71/2.9 | 2.59/1.72 | 0.37/0.63 | -0.78/-3.17 |
| Θ(97.5°) | -1.55/-3.25 | -2.69/-2.18 | -2.87/-3.16 | -2.18/-1.37 | -2.11/-1.48 | 0.38/-0.53 | -0.13/1.74 | 3.57/3.6 | 1.03/1.5 | 1.16/0.11 | -1.07/-0.65 | -1.06/-1.01 | 0.36/0.61 | 0.91/0.97 | -0.58/-0.21 | 0.66/3.32 | 3.18/5.74 | 7.43/7.36 | 6.78/6.89 | 6.57/4.45 | 2.02/1.45 | 1.83/0.6 | -0.98/-1.28 | -2.47/-2.14 |
| Θ(105°) | -2.01/-3.7 | -3.46/-4.2 | -4.21/-4.42 | -3.84/-2.53 | -4.38/-3.18 | -1.98/-2.11 | -1.95/0.34 | 1.51/1.42 | -0.46/0.19 | -0.21/0.01 | -1.03/-0.62 | -0.74/-2.11 | 0.03/-0.39 | -0.05/0.15 | -1.05/-1.45 | 0.35/0.11 | 0.58/3.18 | 5.09/5.42 | 5.04/5.22 | 5.66/4.39 | 0.31/-0.75 | -1.98/-2.51 | -1.73/-2.08 | -2.17/-2.5 |
| Θ(112.5°) | -2.71/-3.69 | -4.01/-3.88 | -4.6/-4.65 | -4.75/-4.12 | -5.09/-5.18 | -3.51/-2.7 | -4.15/-1.67 | -0.15/1 | -0.35/-2.35 | -1.18/-1.63 | -4.15/-2.21 | -2.28/-1.63 | -0.8/-2.32 | -1.53/-1.8 | -2.15/-2.91 | -0.91/-1.71 | -0.84/0.7 | 3.36/3.31 | 3.33/4.56 | 5.1/4.16 | 0.57/-3.21 | -3.16/-3.19 | -3.64/-3.22 | -1.62/-2.7 |
| Θ(120°) | -4.82/-2.76 | -3.76/-4.3 | -5.71/-4.13 | -4.43/-3.33 | -3.74/-4.3 | -5.89/-5.79 | -7.22/-4.12 | -3.06/0.24 | 0.13/-2.27 | -2.88/-2.28 | -2.51/-2.53 | -3.18/-1.84 | -1.43/-2.63 | -3.38/-3.66 | -4.84/-4.36 | -2.69/-2.88 | -2.28/-0.14 | -0.91/-3.13 | -0.51/2.98 | 3.6/2.44 | 1.26/-3.3 | -3.16/-7.07 | -3.54/-3.68 | -3.27/-4.06 |
| Θ(127.5°) | -6.26/-6.28 | -6.3/-5.06 | -4.48/-3.77 | -2.79/-4.03 | -3.57/-3.52 | -5.61/-8.8 | -5.06/-3.04 | -3.29/-2.81 | -1.87/-3.12 | -3.91/-4.47 | -4.2/-4.73 | -3.09/-3.3 | -3.17/-2.5 | -2.84/-3.34 | -3.14/-3.59 | -4.62/-3.47 | -3.94/-2.95 | -2.67/-4.4 | -3.77/-1.21 | 0.44/0.2 | -1.18/-2.29 | -3.09/-5.84 | -6.31/-4.27 | -4.92/-5.25 |
| Θ(135°) | -7.29/-6.59 | -6.15/-5.61 | -4.52/-3.93 | -2.23/-1.87 | -2.63/-3.87 | -6.86/-8.29 | -4.82/-1.69 | -2.02/-3.51 | -4.99/-4.27 | -3.72/-3.82 | -5.34/-4.38 | -3.86/-4.21 | -5.56/-3.58 | -4.6/-5.08 | -5.02/-7.21 | -7.49/-4.27 | -3.81/-5.61 | -5.56/-6.59 | -5.76/-2.57 | 0.53/0.04 | -2.18/-3.51 | -3.66/-5.89 | -6.97/-6.87 | -5.81/-7.32 |
| Θ(142.5°) | -8.24/-6.31 | -7.46/-6.03 | -5.38/-6.36 | -3.49/-2.64 | -1.82/-3.43 | -8.14/-5.5 | -2.83/-3.49 | -4.44/-4.02 | -6.04/-6.24 | -5.13/-5.3 | -4.28/-4.05 | -5.94/-7 | -8.25/-7.71 | -8.6/-9.39 | -8.9/-7.37 | -7.57/-8.59 | -7.8/-6.61 | -5.68/-4.77 | -4.05/-3.15 | -1.83/-1.95 | -2.8/-3.38 | -4.75/-6.5 | -6.29/-6.37 | -8.39/-8.85 |
| Θ(150°) | -8.41/-6.39 | -5.88/-6.72 | -5.93/-4.68 | -3.77/-3.3 | -3.94/-5.21 | -6.02/-6.55 | -4.87/-3.35 | -3.6/-4.68 | -6.44/-8.95 | -8.37/-6.93 | -5.96/-6.93 | -8.34/-6.73 | -7.02/-7.84 | -8.43/-9.22 | -6.54/-5.92 | -8.96/-6.06 | -3.04/-3.29 | -6.98/-8.75 | -6.75/-5.25 | -4.56/-3.32 | -1.4/-0.85 | -2.28/-6.21 | -7.12/-5.29 | -6.39/-8.01 |
| Θ(157.5°) | -11.83/-11.75 | -10.25/-7.94 | -6.24/-5.94 | -5.25/-6.07 | -6.79/-5.95 | -5.08/-5.05 | -4.64/-3.94 | -3.11/-3.83 | -5.08/-5.95 | -7.07/-9.3 | -12.1/-12.4 | -10.3/-9.3 | -9.15/-7.96 | -7.32/-7.95 | -8.49/-8.36 | -7.3/-5.23 | -4.15/-5.22 | -6.83/-7.8 | -8.29/-5.76 | -4.82/-5.4 | -5.89/-6.04 | -6.3/-7.59 | -8.44/-8.77 | -10.93/-11.51 |
| Θ(165°) | -12.53/-12.71 | -10.02/-8.16 | -7.45/-7.09 | -6.76/-7.03 | -8.02/-8.07 | -8.52/-8.08 | -4.78/-3 | -2.64/-3.64 | -4.09/-4.24 | -5.25/-6.58 | -7.37/-7.42 | -6.85/-6.26 | -5.11/-5.11 | -6.18/-7.07 | -6.39/-6.03 | -6.41/-7.38 | -8.34/-8.71 | -9.23/-12.34 | -12.42/-10.07 | -8.34/-7.84 | -7.18/-6.17 | -5.9/-5.97 | -7.16/-9.13 | -12.31/-12.53 |
| Θ(172.5°) | -12.43/-11.99 | -11.61/-10.65 | -11.42/-11.46 | -11.6/-9.22 | -6.62/-6.1 | -6.38/-6.22 | -4.92/-3.64 | -3.58/-3.98 | -4.73/-5.99 | -8/-9.76 | -10.7/-10.82 | -10.63/-10.78 | -10.38/-9.45 | -8.55/-8.13 | -8.3/-8.77 | -8.49/-8.59 | -8/-7.74 | -8.42/-9.43 | -10.66/-12.37 | -10.38/-8.07 | -7.14/-6.99 | -7.17/-7.81 | -9.42/-11.06 | -12.19/-12.1 |
| Θ(180°) | -11.77/-12.18 | -11.6/-11.59 | -11.16/-10.45 | -9.77/-8.89 | -8.84/-8.63 | -7.73/-6.79 | -6.25/-6.32 | -6.79/-7.27 | -7.71/-7.89 | -7.76/-7.46 | -7.6/-8.23 | -9.02/-9.93 | -11.03/-10.99 | -10.48/-10.35 | -9.44/-8.28 | -7.59/-6.42 | -5.67/-5.11 | -5.48/-5.39 | -5.34/-4.98 | -5.09/-5.5 | -5.76/-6.39 | -7.48/-8.54 | -9.64/-10.05 | -10.58/-11.97 |
| Freq(Hz) | 5.6G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 7.41/7.06 | 6.91/6.63 | 6.27/6.1 | 5.73/5.16 | 4.28/3.11 | 2.14/1.16 | -0.23/-0.95 | 0.71/2.55 | 3.92/4.73 | 5.68/6.33 | 6.84/7.15 | 7.28/7.49 | 7.64/7.62 | 7.32/6.92 | 6.55/6.16 | 5.97/5.56 | 4.86/3.89 | 2.53/0.93 | 0.29/0.99 | 2.44/3.62 | 4.55/5.41 | 6.14/6.83 | 7.39/7.74 | 7.76/7.67 |
| Θ(7.5°) | 7.67/7.66 | 7.47/7.2 | 6.69/6.01 | 5.34/4.75 | 3.69/2.26 | 0.67/-0.51 | -1.55/-1.32 | 0.27/2.62 | 4.25/5.26 | 6.07/6.8 | 7.27/7.48 | 7.48/7.46 | 7.41/7.09 | 6.79/6.58 | 6.42/6.15 | 5.64/4.93 | 4.13/3.19 | 2.02/0.95 | 0.27/0.23 | 1.14/2.45 | 3.68/4.7 | 5.46/6.14 | 6.71/7.12 | 7.45/7.67 |
| Θ(15°) | 6.87/7.09 | 7.05/6.58 | 6.01/5.21 | 3.98/2.95 | 1.59/0.16 | -0.65/-0.71 | -0.75/-0.38 | 0.77/1.94 | 3.13/4.22 | 5.21/6.06 | 6.65/6.99 | 7.13/7.1 | 7.1/6.9 | 6.37/6.07 | 5.94/5.67 | 4.87/3.98 | 2.99/1.94 | 0.72/0.35 | -0.13/-1.21 | -1.56/-0.57 | 0.75/1.99 | 3.24/4.27 | 5.14/5.78 | 6.26/6.82 |
| Θ(22.5°) | 5.33/5.31 | 5.26/5.02 | 4.51/3.86 | 3.18/2.8 | 2.06/0.77 | -0.55/-0.71 | -0.55/-0.28 | 1.29/3.1 | 4.34/4.99 | 5.42/6.03 | 6.46/6.55 | 6.33/6.03 | 6.03/6.22 | 6.53/6.52 | 6.44/6.04 | 5.38/4.88 | 4.45/3.93 | 2.99/1.7 | 0.05/-1.67 | -3.67/-4.29 | -2.62/-0.8 | 0.56/1.82 | 3.01/4.39 | 5.17/5.78 |
| Θ(30°) | 4.11/4.3 | 4/3.58 | 3.47/3.91 | 4.12/4.27 | 3.41/1.6 | 0.2/-0.86 | -2.96/-5.35 | -2.62/0.72 | 3.13/4.85 | 5.63/5.81 | 5.7/5.93 | 5.7/5.17 | 4.65/5.15 | 5.75/5.92 | 5.72/5.3 | 5.17/5.12 | 4.7/3.95 | 2.88/1.42 | -0.33/-1.25 | -2.06/-2.39 | -1.15/0.03 | 0.58/1.2 | 1.3/1.06 | 1.76/3.61 |
| Θ(37.5°) | 2.45/3.15 | 3.23/2.29 | 2.36/3.45 | 3.78/3.93 | 3.59/2.95 | 1.91/0.42 | -1.83/-2.95 | -3.42/-1.46 | 0.22/2.98 | 4.84/5.11 | 4.12/3.38 | 3.25/2.45 | 1.83/2.73 | 3.44/3.07 | 3.48/4.16 | 3.66/3.11 | 2.06/0.25 | -2.07/-3.19 | -1.55/-0.18 | -0.05/-1.08 | -1.65/-0.44 | 0.45/0.27 | -1.24/-1.65 | 0.02/1.83 |
| Θ(45°) | 1.19/2.33 | 2.57/2.6 | 3.1/3.57 | 3.64/3.32 | 2.73/2.08 | 1.48/1.34 | 1.24/0.95 | 0.52/-0.26 | -0.13/-0.09 | 0.9/2.6 | 2.16/0.63 | 0.75/1.16 | 0.71/0.82 | 1.55/1.41 | 1.82/1.84 | 1.11/1.28 | 1/-0.41 | -2.97/-1.54 | 0.15/0.14 | -0.06/-0.3 | -1.15/-2.55 | -2.31/-2.52 | -3.53/-3.87 | -2.31/0.09 |
| Θ(52.5°) | 2.67/3.2 | 2.93/3.02 | 3.08/2.45 | 1.03/0.09 | -0.91/-0.48 | 0.76/2.18 | 2.01/1.07 | 0.2/-0.29 | 0.41/0.66 | -1.52/-0.09 | 0.97/-1.11 | -1.72/-0.55 | 0.34/-1.6 | -1.58/-1.21 | -1.43/-3.13 | -2.13/-0.04 | -0.53/-2.29 | -0.92/-0.15 | 0.16/0.12 | 0.87/0.33 | -0.5/-2.11 | -3.77/-3.35 | -3.38/-1.81 | -0.9/0.96 |
| Θ(60°) | 1.9/1.99 | 2.21/3.1 | 2.49/1.28 | -1.51/-3.29 | -3.61/-2.24 | -0.05/2.12 | 2.3/1.03 | -0.57/-0.72 | -0.89/1.12 | 0.6/-0.68 | 0.83/-0.18 | -2.9/-0.25 | 0.54/-0.32 | -1.21/-0.85 | -2.83/-6.77 | -2.72/-0.85 | -1.43/-0.38 | 0.17/-0.44 | -1.13/-0.21 | 0.3/0.74 | 0.87/-0.85 | -1.29/-1.41 | -1.71/-0.87 | 0.76/0.86 |
| Θ(67.5°) | 0.65/-0.84 | 1.22/1.46 | 0.27/-1.83 | -4.37/-1.52 | -0.75/-0.98 | -2.66/-0.94 | 0.05/-0.36 | -1.43/-0.66 | -1.63/1.16 | 2.71/2 | 2.64/0.56 | -0.15/2.17 | 2.09/1.5 | -1.9/-0.62 | -2.89/-4.11 | -2.73/-2.66 | -0.2/0.75 | -1.14/-2.17 | -2.11/-1.6 | -0.79/0.84 | 0.95/-0.5 | -0.17/0.3 | -0.9/-1.06 | 0.15/1.47 |
| Θ(75°) | -0.99/-1.96 | -1.51/-1.46 | -0.33/-1.91 | -0.15/1.76 | 2.67/0.97 | -2.62/-2.79 | -0.01/-0.91 | -3.24/-1.89 | -3.14/-0.58 | 1.6/0.76 | 2.24/1.04 | -0.09/2.13 | 2.12/1.35 | -2.13/-1.27 | -3.77/-4.14 | -4.49/-2.84 | -0.11/-0.48 | -3.72/-2.74 | -0.61/-2.33 | -2.57/0.5 | 1.56/0.1 | -0.26/-0.19 | -0.77/-0.96 | -1.19/-1.19 |
| Θ(82.5°) | -3.2/-2.9 | -3.45/-0.82 | 1.21/0.63 | 0.45/2.19 | 2/-2.7 | -3.41/-1.4 | 0.07/-1.66 | -5.01/-6.97 | -6.48/-2.97 | -0.12/-1.15 | 0.14/-1.61 | -1.26/0.36 | 0.15/-0.42 | -0.82/-2.74 | -6.58/-6.05 | -5.81/-2.26 | -1.18/-3.3 | -2.18/-0.74 | 0.48/-1.48 | -2.11/0.17 | 1.84/0.01 | -0.64/-1.14 | -1.4/-1.36 | -0.45/-3.48 |
| Θ(90°) | -0.05/-0.04 | -1.19/0.42 | 0.95/1.3 | -0.15/0.58 | -1.2/-2.46 | -1.48/-2.09 | -2.15/-2.79 | -3.99/-5.91 | -7.7/-5.2 | -4.95/-4.14 | -2.48/-3.39 | -3.38/-0.13 | -1.17/-1.32 | -1.33/-1.93 | -4.37/-5.89 | -3.54/-3.63 | -4.31/-4.99 | -1.24/-1.83 | 1.4/-0.66 | -0.75/0.58 | 2.31/1.06 | -0.93/-1.21 | -2.25/-2.23 | -1.97/-4.76 |
| Θ(97.5°) | 0.49/2.41 | 0.1/-1.04 | -0.78/-0.81 | -3.18/-3.05 | -2.29/-0.42 | -2.22/-5.4 | -4.03/-5 | -5.33/-4.05 | -7.01/-4.26 | -4.55/-5.47 | -3.52/-3.82 | -4.39/-1.34 | -2.96/-1.54 | -0.8/-1.72 | -3.14/-3.12 | -3.27/-7.21 | -8.5/-2.62 | -1.43/-2.86 | 0.56/-1.07 | -1.06/0.9 | 2.56/0.92 | -0.97/-1.15 | -2/-2.09 | -0.8/-1.63 |
| Θ(105°) | 0.21/2.25 | -0.19/-0.2 | -2/-2.94 | -6.43/-4.37 | -1.92/-0.52 | -4.13/-7.81 | -6.02/-5.5 | -7.37/-4.85 | -4.84/-6.69 | -4.61/-3.82 | -2.32/-3.1 | -3.92/-2.54 | -1.32/-2.86 | -1.64/-2.82 | -1.41/-4.34 | -1.56/-7.18 | -6.62/-2.15 | -2.94/-2.71 | -0.68/-2.25 | -2.05/0.55 | 0.44/-0.3 | -1.16/-2.38 | -1.55/-1.23 | -0.9/0.63 |
| Θ(112.5°) | -1.34/0.63 | -0.15/-2.4 | -3.55/-4.44 | -3.76/-1.93 | -2.37/-2.78 | -6.61/-8.75 | -11.26/-10.39 | -7.16/-5.44 | -5.56/-4.73 | -4.98/-3.88 | -3.09/-1.9 | -1.52/-2.72 | -1.41/-3.19 | -2/-5.25 | -3.84/-4.79 | -5.64/-7.99 | -4.29/-2.13 | -3.3/-1.99 | -0.67/-2.66 | -1.66/-0.78 | -1.09/-1.22 | -1.73/-1.42 | -0.85/-0.91 | -0.3/-1.74 |
| Θ(120°) | -1.81/-1.58 | -2.57/-1.96 | -2.62/-3 | -2.46/-3.05 | -4.1/-3.83 | -9.61/-9.7 | -12.16/-9.58 | -6.2/-7.2 | -4.04/-4.35 | -2.31/-2.79 | -3.55/-3.05 | -2.89/-4.1 | -3.65/-7.78 | -3.42/-5.72 | -3.88/-4.94 | -7.87/-7.81 | -6.48/-5.25 | -3.37/-2.34 | -1.43/-2.13 | -1.66/-1.31 | -1.33/-3.01 | -2.2/-0.62 | -2.91/-0.38 | -0.1/-1.08 |
| Θ(127.5°) | -0.09/-1.19 | -0.94/-0.81 | -0.16/-1.45 | -2.95/-3.9 | -5.61/-4.51 | -6.69/-9.32 | -10.95/-8.98 | -9.28/-9.44 | -6.58/-2.97 | -2.72/-1.36 | -3.82/-4.48 | -3.13/-4.77 | -5.17/-6.3 | -6.28/-5 | -7.03/-8.55 | -7.23/-9.49 | -9.18/-4.56 | -3.45/-5.06 | -3.5/-3.19 | -2.28/-4.67 | -6.56/-6.5 | -3.17/-1.95 | -4.12/-2.65 | -2.1/-1.88 |
| Θ(135°) | -0.2/0.89 | 0.13/-0.64 | -0.65/-2.65 | -3.53/-4.37 | -4.89/-7.47 | -11.15/-12.86 | -11.35/-11.2 | -9.33/-8.3 | -6.78/-4.57 | -3.05/-1.54 | -1.87/-4.22 | -5.84/-4.92 | -5.14/-4.31 | -7.32/-7.38 | -7.25/-9.28 | -9.15/-4.71 | -8.49/-6.24 | -4.7/-6.24 | -4.86/-4.41 | -3.06/-3.02 | -4.05/-4.38 | -4.12/-4.59 | -4.31/-3.89 | -5.31/-3.59 |
| Θ(142.5°) | -0.12/0.6 | -0.55/-1.54 | -2.35/-3.74 | -4.08/-4.28 | -4.43/-6.23 | -8.49/-11.15 | -10.82/-9.46 | -8.56/-8.15 | -9.64/-8.34 | -7.17/-6.11 | -4.12/-5.67 | -3.65/-5.93 | -7.78/-5.79 | -7.67/-7.88 | -9.39/-10.42 | -8.47/-7.18 | -8/-5.73 | -3.98/-4.07 | -5.63/-8.88 | -8.78/-6.41 | -3.68/-2.07 | -3.07/-1.98 | -2.45/-3.4 | -2.93/-1.11 |
| Θ(150°) | -1.14/-0.7 | -0.81/-1.85 | -2.88/-2.69 | -4.14/-5.62 | -6.97/-8.91 | -11.68/-12.54 | -11.77/-12.61 | -9.87/-7.01 | -5.24/-5.62 | -5.95/-5.28 | -6.7/-6.24 | -5.39/-6.13 | -5.99/-5.05 | -7.92/-11.24 | -9.3/-7.74 | -7.07/-6.74 | -8.32/-10.91 | -7.71/-5.61 | -5.91/-7.32 | -10.24/-8.31 | -5.42/-4.47 | -3.68/-1.62 | -1.81/-2.55 | -0.56/-0.08 |
| Θ(157.5°) | -1.83/-2.1 | -2.71/-3.85 | -4.11/-4.04 | -5.14/-6.95 | -8.37/-10.44 | -11.41/-12.49 | -11.23/-8.93 | -6.64/-5.71 | -5.97/-6.42 | -5.64/-4.84 | -3.85/-3.17 | -4.37/-6.35 | -6.24/-6.44 | -7.29/-7.72 | -8.05/-8.16 | -6.74/-6.93 | -6.85/-7.22 | -6.46/-6.01 | -7.03/-7.77 | -8.62/-7.58 | -6.31/-5.96 | -5.38/-3.89 | -2.9/-1.84 | -0.71/-1.4 |
| Θ(165°) | -3.54/-3.5 | -3.17/-3.59 | -4.43/-4.7 | -5.31/-6.37 | -8.03/-9.15 | -9.9/-10.24 | -10.59/-9.6 | -7.65/-6.06 | -5/-4.24 | -4.14/-4.09 | -4.19/-4.24 | -5.1/-5.73 | -6.78/-7.93 | -9.97/-11.02 | -10.11/-9.08 | -8.56/-10.44 | -10.07/-9.8 | -9.3/-9.1 | -9.53/-9.34 | -8.91/-7.77 | -7.16/-6.94 | -7.36/-6.62 | -5.27/-4.45 | -3.58/-3.63 |
| Θ(172.5°) | -6.9/-7.25 | -7.46/-7.34 | -7.32/-7.54 | -7.51/-7.19 | -7.23/-7.77 | -9.02/-10.91 | -11.91/-12.45 | -9.31/-7.42 | -6.38/-5.94 | -5.68/-5.75 | -5.38/-5.1 | -5.03/-5.16 | -5.65/-6.51 | -7.77/-8.79 | -8.36/-7.97 | -8.36/-8.44 | -9.23/-10.04 | -9.78/-9.87 | -9.79/-9.64 | -9.89/-10.2 | -12.11/-10.5 | -7.38/-5.06 | -4.24/-4.63 | -5.47/-5.23 |
| Θ(180°) | -8.68/-8.38 | -9.34/-8.85 | -8.55/-8.78 | -8.54/-8.52 | -8.94/-9.41 | -9.48/-9.19 | -9/-9.02 | -9.02/-9.93 | -9.86/-9.8 | -8.57/-7.43 | -6.78/-6.27 | -6.26/-6.37 | -6.72/-6.89 | -6.89/-7.13 | -7.3/-7.41 | -7.72/-8.15 | -8.24/-8.91 | -8.93/-9.68 | -9.86/-9.85 | -11.16/-10.93 | -8.32/-6.38 | -5.32/-5.09 | -5.73/-6.91 | -7.23/-7.43 |
| Freq(Hz) | 5.785G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | -1.23/-0.36 | 1.4/2.59 | 3.8/4.75 | 5.42/6.01 | 6.41/6.72 | 6.83/6.72 | 6.56/6.46 | 6.35/6.33 | 6.15/5.87 | 5.45/4.89 | 4.2/3.08 | 1.88/0.5 | -0.91/-0.9 | 0.74/2.33 | 3.66/4.84 | 5.64/6.09 | 6.4/6.7 | 6.89/6.95 | 6.81/6.45 | 6.13/5.99 | 5.86/5.71 | 5.34/4.71 | 4.01/3.32 | 2.32/0.77 |
| Θ(7.5°) | -3.22/-3.89 | -1.91/-0.23 | 1.46/3.14 | 4.39/5.22 | 5.74/6.17 | 6.57/6.78 | 6.53/6.02 | 5.53/5.6 | 5.63/5.34 | 4.92/4.45 | 3.77/2.97 | 1.76/0.14 | -1.01/-0.8 | 0.88/2.02 | 2.95/3.87 | 4.61/5.01 | 5.28/5.47 | 5.61/5.72 | 5.64/5.47 | 5.34/5.28 | 5.15/5.06 | 4.76/4.34 | 3.67/2.69 | 1.44/0.04 |
| Θ(15°) | -3.14/-4.79 | -3.75/-1.55 | 0.11/1.35 | 2.39/3.77 | 4.74/5.24 | 5.5/5.47 | 5.5/5.17 | 4.34/3.33 | 3.09/3.04 | 2.81/2.67 | 2.35/1.68 | 0.66/-0.95 | -1.61/-1.56 | -1.25/-0.3 | 1.24/2.51 | 3.31/3.73 | 4.1/4.36 | 4.59/4.63 | 4.48/4.08 | 3.87/3.64 | 3.64/3.28 | 2.67/2.27 | 1.75/0.85 | 0.13/-1.17 |
| Θ(22.5°) | -1.44/-3.32 | -4/-3.09 | -1.28/0 | 1.1/2.42 | 3.42/4.19 | 4.51/4.54 | 4.69/4.7 | 4.47/4.07 | 3.99/3.87 | 3.42/2.53 | 1/0.01 | -0.98/-1.01 | -0.58/-0.45 | 0.02/0.88 | 2.17/3.71 | 4.66/5.24 | 5.7/5.95 | 6.03/6.03 | 5.82/5.6 | 5.35/5.11 | 4.57/3.77 | 2.93/2.06 | 1.25/0.79 | 0.65/-0.26 |
| Θ(30°) | -1.46/-3.94 | -6.13/-4.85 | -3.89/-2.58 | 0.11/1.7 | 2.71/3.42 | 3.65/3.67 | 3.91/4.01 | 3.64/3.49 | 4.21/4.71 | 4.67/4.09 | 2.72/1.01 | -0.69/-1.06 | -0.06/0.99 | 1.46/1.88 | 3.19/4.32 | 4.97/5.08 | 5/5.02 | 5.31/5.52 | 5.29/5.1 | 4.96/4.83 | 4.43/3.92 | 3.15/2.2 | 1.54/1.63 | 2.06/1.31 |
| Θ(37.5°) | -0.87/-2.06 | -1.69/-0.18 | 0.35/0.85 | 2.47/2.79 | 2.91/2.67 | 2.43/2.55 | 2.6/2.17 | 1.31/0.33 | 0.1/0.89 | 1.79/1.73 | 1.17/0.33 | -1.21/-1.4 | -0.06/1.3 | 1.51/1.64 | 2.57/3.5 | 3.7/3.48 | 3.14/2.67 | 2.58/2.09 | 1.69/1.48 | 1.71/2.08 | 2.31/2.27 | 1.7/0.81 | 0.61/0.05 | 0.23/-0.08 |
| Θ(45°) | 1.47/1.06 | 1.11/1.95 | 2.58/3.49 | 3.72/3.48 | 2.61/2.01 | 1.36/0.62 | 0.73/0.53 | -0.22/-1.74 | -3.81/-5.43 | -3.86/-2.16 | -0.95/-0.38 | -0.85/-2.58 | -1.82/0.47 | 1.24/0.35 | 0.16/0.95 | 1.58/0.84 | -1.2/-1.01 | -0.54/0.06 | 0.75/0.67 | 0.39/0.38 | 1.14/1.55 | 0.92/0.09 | -0.92/-2.49 | -1.9/-0.52 |
| Θ(52.5°) | 2.45/2.73 | 2.59/2.62 | 2.14/2.82 | 2.77/1.95 | 1.35/1.25 | 0.39/0.48 | 1.38/1.69 | 0.44/-1.21 | -2.42/-4.68 | -5.76/-3.91 | -2.6/-0.65 | -0.01/-1.27 | -0.81/0.82 | 1.57/1 | -1.03/-0.98 | -1.23/-3.69 | -1.68/0.12 | 0.2/-0.1 | 0.64/1.05 | 0.55/-0.3 | 0.6/2.32 | 2.46/1.3 | -0.32/-0.26 | -0.61/0.77 |
| Θ(60°) | 3.04/2.94 | 2.24/1.72 | -0.59/0.22 | 0.34/0.33 | 0.74/1.9 | 1.5/1.08 | 1.39/1.57 | 0.55/-0.74 | -0.42/-0.19 | -3.44/-4.34 | -2.07/-1.29 | -0/-0.69 | 1.28/1.56 | 1.47/0.51 | -2.14/-0.12 | -1.02/-1.6 | -0.09/0.4 | -0.03/-0.96 | -3/-3.22 | -1.03/-0.91 | -1.53/0.15 | 2.07/2.26 | 1.15/-0.24 | 1.16/2.61 |
| Θ(67.5°) | 1.91/1.94 | 0.55/-1.45 | -2.86/-1.43 | -2/0.38 | 0.8/0.91 | 2.19/4.4 | 5.39/5.27 | 4.53/3.1 | 1.63/2.53 | 1.03/-3.13 | -1.63/-1.12 | 0.34/1.21 | 2.98/1.62 | 1.4/-1.46 | -2.03/0.32 | -1.02/1.67 | 2.36/0.91 | 0.27/-0.02 | -1.24/-2.21 | -1.99/-1.28 | 0.16/0.81 | 2.16/2.4 | 1.07/0.62 | 1.47/2.55 |
| Θ(75°) | -0.22/1.32 | -1.51/-4.39 | -2.91/-1.96 | -3.15/0.66 | 0.53/0.26 | 2.87/3.16 | 2.01/1.79 | 3.05/3.22 | 2.63/2.67 | 3/-0.58 | -1.97/-1.08 | 0.53/0.58 | 2.61/2.56 | 0.23/-0.86 | -0.91/0.4 | 0.95/3.43 | 4.9/3.62 | 2.86/3.87 | 3.59/2.69 | 1.56/1.27 | 1.63/2.5 | 2.58/2.1 | 1.04/1.07 | 1.12/0.82 |
| Θ(82.5°) | -0.73/-0.13 | -4.23/-2.48 | -2.26/-3.33 | -3.71/0.18 | 0.4/1.62 | 3.44/4.35 | 5.2/5.07 | 3.49/1.85 | 0.73/2.1 | 0.64/-2.7 | -2.1/-0.4 | 0.76/-0.62 | 2.1/1.95 | 0.87/-0.13 | -0.79/0.87 | 0.56/4.45 | 5.19/4.73 | 5.32/6.61 | 6.02/4.69 | 3.29/2.38 | 2.37/3.03 | 3.44/1.31 | -0.16/0.41 | -0.09/-0.31 |
| Θ(90°) | -0.86/-0.55 | -3.33/-2.19 | -2.22/-3.89 | -3.37/-0.31 | 1.12/1.61 | 2.49/3.71 | 4.02/4.64 | 4.95/2.46 | 1.18/2.1 | 0.59/-2.63 | -2.22/-0.86 | 0.07/-1.53 | 0.29/2.45 | 1.31/0.25 | -0.01/1.16 | 1.37/4.26 | 4.91/5.52 | 6.06/7.27 | 7.07/6.27 | 4.48/3.24 | 1.6/3.2 | 3.58/1.25 | 0.2/0.07 | -1.62/-2.25 |
| Θ(97.5°) | -1.33/-2.33 | -3.03/-3.21 | -4.27/-4.22 | -3.77/-0.84 | -0.49/-0.74 | 0.16/0.86 | 1.17/1.89 | 3.19/1.34 | 0.13/1.23 | -0.5/-1.18 | -2.63/-2.93 | -1.23/-2.05 | -0.05/2.65 | -0.55/-0.49 | -0.43/-0.08 | 1.04/3.55 | 3.37/4.59 | 5.69/6.57 | 6.39/6.06 | 4.77/2.59 | 1.1/2.09 | 2.26/-1.21 | -1.27/-1.08 | -1.86/-1.62 |
| Θ(105°) | -1.59/-4.42 | -1.86/-3 | -2.68/-4.39 | -3.53/-3.64 | -3.81/-4.01 | -4.01/-1.3 | -1.28/0.37 | 1.38/1.52 | -1.58/-0.55 | -1.49/-1.25 | -1.63/-3.24 | -1.59/-1.86 | -0.91/1.41 | -0.45/-0.4 | -1.29/-1.02 | -0.5/0.62 | 0.91/1.77 | 3.87/4.32 | 3.83/4.14 | 4.18/3.28 | 0.2/-0.13 | -2.2/-3.62 | -2.39/-1.63 | -1.33/-0.59 |
| Θ(112.5°) | -2.98/-4.58 | -2.83/-4.53 | -4.15/-4.63 | -7.86/-4.33 | -5.02/-4.84 | -2.84/-2.45 | -5.92/-2.29 | -0.11/0.59 | -1.16/-0.88 | -1.64/-2.43 | -2.84/-3.39 | -3.47/-1.9 | -1.04/-1.71 | -1.9/-1.52 | -3.32/-4.33 | -1.99/-2.08 | -0.96/0.91 | 2.66/2.75 | 2.02/3.36 | 4/3.75 | -0.24/-2 | -3.3/-6.3 | -4.97/-1.34 | -0.69/-3.68 |
| Θ(120°) | -2.92/-3.81 | -4.62/-4.61 | -5.74/-6.09 | -6.64/-5.42 | -5.21/-5.05 | -5.69/-5.82 | -6.56/-3.92 | -3.02/-0.83 | -0.66/-1.67 | -3.07/-3.12 | -2.05/-2.39 | -3.85/-3.2 | -1.95/-1.29 | -2.18/-2.64 | -3.18/-7.75 | -2.6/-3.38 | -4/1.01 | -1.59/-1.88 | -2.2/0.81 | 1.59/1.84 | 0.7/-3.1 | -4.41/-7.6 | -4.67/-3.99 | -1.85/-3.02 |
| Θ(127.5°) | -8.55/-5.27 | -6.78/-5.82 | -7.09/-4.65 | -4.11/-5.82 | -3.32/-3.49 | -6.17/-6.55 | -3.46/-3.57 | -4.43/-3.09 | -2.2/-3.3 | -3.33/-4.89 | -3.76/-4.11 | -5.22/-6.13 | -4.72/-2.28 | -2.82/-5.43 | -2.69/-4.49 | -5.77/-4.58 | -5.44/-2.06 | -3.59/-5.12 | -4.17/-2.41 | 0.25/-0.33 | -1.56/-1.73 | -5.16/-7.19 | -5.66/-3.22 | -3.39/-4.25 |
| Θ(135°) | -7.11/-5.95 | -6.86/-6.15 | -6.28/-5.02 | -4.48/-3.04 | -3.95/-4.9 | -7.09/-8.38 | -5.73/-3.8 | -4.08/-5.2 | -6.51/-4.23 | -4.08/-3.81 | -4.68/-4.34 | -3.66/-3.96 | -5.29/-3.68 | -3.59/-6.2 | -3.93/-5.07 | -7.91/-5.26 | -4.89/-5.52 | -6.4/-7.1 | -4.92/-2.97 | -0.89/-0.6 | -2.6/-5.15 | -5.27/-6.26 | -5.2/-4.71 | -6.44/-9.17 |
| Θ(142.5°) | -8.41/-6.09 | -8.33/-7.14 | -7.12/-7.01 | -3.8/-3.25 | -2.55/-4.49 | -8.16/-6.78 | -4.77/-4.99 | -5/-4.98 | -6.99/-7.58 | -6.62/-7.07 | -5.51/-4.43 | -5.91/-5.91 | -6.43/-7.75 | -8.51/-8.71 | -7.07/-8.34 | -8.78/-8.32 | -7.87/-5 | -6.56/-7.37 | -6.09/-4.96 | -4.04/-2.66 | -3.43/-4.58 | -5.39/-7.28 | -9.13/-8.62 | -8.55/-9.92 |
| Θ(150°) | -10.35/-8.06 | -7.49/-8.36 | -6.67/-5.24 | -4.45/-3.91 | -5.14/-5.35 | -6.4/-8.15 | -7.84/-6.24 | -5.05/-5.64 | -7.47/-9.33 | -8.68/-7.78 | -7.82/-7.53 | -9.49/-8.99 | -8.52/-8.43 | -7.64/-8.83 | -8.74/-7.58 | -10.07/-9.02 | -5.27/-4.35 | -6.27/-7.75 | -6.58/-5.95 | -5.65/-4.81 | -1.8/-0.07 | -1.32/-5.61 | -6.95/-5.9 | -7.07/-8.85 |
| Θ(157.5°) | -11.96/-10.95 | -9.27/-7.71 | -5.75/-5.83 | -5.81/-6.47 | -6.95/-8.02 | -8.01/-7.01 | -4.92/-3.69 | -3.31/-3.57 | -4.38/-5.96 | -7.02/-7.7 | -9.39/-11.17 | -9.83/-7.58 | -8.43/-10.8 | -10.68/-8.8 | -7.31/-7.09 | -7.08/-5.15 | -4.55/-5.58 | -7.44/-7.06 | -7.95/-6.73 | -5.9/-6.8 | -6.31/-6.4 | -7.42/-7.38 | -7.14/-8.96 | -11.33/-12.14 |
| Θ(165°) | -12.3/-11.95 | -10.78/-9.31 | -8.22/-8.37 | -8.85/-8.88 | -8.47/-8.66 | -8.74/-7.42 | -5.48/-3.3 | -2.51/-2.57 | -3.03/-4.17 | -6.13/-8.94 | -10.3/-9.04 | -8.29/-7.17 | -6.38/-6.26 | -7.21/-8.02 | -8.58/-7.54 | -6.91/-7.51 | -7.9/-7.88 | -8.45/-11.33 | -12.45/-12.24 | -9.01/-7.89 | -8.13/-7.92 | -7.23/-7.4 | -9.34/-11.44 | -12.32/-12.61 |
| Θ(172.5°) | -12.69/-11.87 | -11.84/-12.8 | -13.06/-12.49 | -11.99/-9.74 | -7.99/-7.87 | -7.75/-7.42 | -6.49/-6.2 | -5.87/-5.84 | -6.2/-7.19 | -9.2/-10.89 | -11.61/-11.79 | -11.09/-10.42 | -9.27/-8.23 | -7.6/-7.69 | -7.88/-8.3 | -9.11/-9.18 | -8.68/-8.47 | -8.14/-8.38 | -8.66/-10.27 | -10.73/-9.65 | -9.06/-7.98 | -7.59/-8.78 | -10.2/-11.36 | -12.37/-12.39 |
| Θ(180°) | -10.85/-11.05 | -10.76/-11.43 | -11.16/-10.67 | -10.71/-10.14 | -8.8/-6.9 | -6.28/-5.74 | -5.26/-4.87 | -4.41/-4.54 | -5.04/-6.17 | -6.29/-6.46 | -7.57/-8.56 | -9.35/-9.04 | -8.86/-9.89 | -10.47/-10.28 | -9.85/-9.33 | -8.69/-7.59 | -6.68/-5.85 | -5.49/-5.83 | -5.61/-5.37 | -5.49/-5.41 | -5.64/-6.45 | -6.99/-7.61 | -8.96/-10.87 | -11.53/-11.81 |
| Freq(Hz) | 5.785G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 6.77/6.45 | 6.45/6.6 | 6.51/6.24 | 5.84/5.23 | 4.39/3.33 | 2.25/0.79 | -0.8/-1.29 | -0.28/1.31 | 2.65/4 | 4.91/5.61 | 6.14/6.54 | 6.81/7.02 | 6.89/6.86 | 6.8/6.77 | 6.5/6.2 | 5.8/5.38 | 4.62/3.54 | 2.26/1.1 | -0.55/-0 | 1.86/3.31 | 4.57/5.41 | 6.1/6.46 | 6.84/7.08 | 7.11/6.88 |
| Θ(7.5°) | 6.62/6.37 | 6.5/6.37 | 5.88/5.33 | 4.61/3.89 | 3.06/2.08 | 0.84/-0.36 | -1/-0.48 | 1.12/2.83 | 4.23/5.18 | 5.9/6.41 | 6.81/7.08 | 7.19/7.02 | 6.6/6.39 | 6.34/6.23 | 5.88/5.5 | 4.78/3.76 | 2.8/2 | 0.6/-0.62 | -1.52/-0.67 | 0.76/2.36 | 3.57/4.55 | 5.19/5.62 | 6/6.54 | 7.09/7.2 |
| Θ(15°) | 5.17/5.42 | 5.61/5.35 | 4.85/4.44 | 3.87/2.74 | 1.38/-0.28 | -2.51/-3.54 | -2.17/-0.47 | 1.4/3.23 | 4.51/5.29 | 5.91/6.34 | 6.52/6.79 | 6.97/6.8 | 6.34/5.91 | 5.76/5.47 | 5.02/4.62 | 4.14/3.24 | 1.71/0.63 | -0.96/-1.7 | -1.8/-1.34 | 0.13/1.7 | 2.97/3.75 | 4.14/4.51 | 4.78/5.16 | 5.66/5.87 |
| Θ(22.5°) | 4.1/4.72 | 4.88/4.45 | 3.77/3.77 | 4.16/3.94 | 3.29/1.45 | -1.41/-3.1 | -3.69/-3.47 | -0.39/2.42 | 4.26/5.36 | 5.97/6.04 | 5.86/5.97 | 6.24/6.05 | 5.34/4.59 | 4.71/5.14 | 5.4/5.49 | 5.36/4.88 | 4.25/3.33 | 2.54/2.06 | 0.94/-0.35 | -1.25/-0.51 | 1.04/1.85 | 2.41/2.97 | 3.36/3.96 | 4.4/4.35 |
| Θ(30°) | 4.6/4.87 | 4.74/4.04 | 3.89/4.58 | 5.16/4.96 | 3.92/2.06 | 0.29/-1.27 | -3.32/-5.19 | -1.65/1.25 | 3.24/4.8 | 6.03/6.32 | 5.69/4.81 | 5.19/5.64 | 4.94/4.48 | 4.87/5.14 | 5.5/5.44 | 5.33/5.14 | 4.81/4.29 | 3.59/1.94 | -0.72/-3.82 | -4.75/-1.79 | -0.49/0.63 | 1.68/2.04 | 2.16/3.11 | 3.78/4.17 |
| Θ(37.5°) | 4.21/4.73 | 4.74/3.99 | 3.99/4.77 | 4.98/4.11 | 2.59/1.15 | 0.49/-1.3 | -4.77/-6.58 | -3.78/0.39 | 2.19/3.02 | 4.18/4.87 | 4.24/3.33 | 3.56/3.98 | 3.16/3.13 | 3.44/3.67 | 3.51/3.42 | 3.31/2.89 | 2.82/2.19 | 0.07/-2.23 | -2.84/-1.59 | -1.48/-2.03 | -1.42/0.16 | 0.97/0.48 | 0.17/0.91 | 2.21/2.97 |
| Θ(45°) | 2.73/3.98 | 4.49/4.24 | 3.57/3.99 | 3.62/2.59 | 1.43/0.25 | -0.84/-1.8 | -1.11/-1.62 | -1.92/0.02 | 0.93/0.66 | 0.48/2.31 | 2.55/1.52 | 0.74/1.84 | 1.49/1.01 | 1.32/1.02 | 0.67/1.4 | 0.79/0.58 | 0.96/-0.28 | -3.62/-1.58 | 0.27/0.41 | 0.26/-0.79 | -3.82/-4.25 | -2.28/-1.99 | -1.57/-0.36 | 1.2/2.03 |
| Θ(52.5°) | 2.27/2.89 | 4.36/4.95 | 4.18/3.7 | 3.07/1.38 | -0.11/0.47 | 0.29/0.07 | -0.44/-0.85 | -0.4/-0.27 | -1.11/-1.6 | -1.72/1.18 | 1.47/0.12 | -0.68/-0.85 | -0.56/-1.27 | -0.84/-1.57 | -1.1/-1.74 | -3.6/-0.44 | 0.73/-0.8 | -2.08/0.25 | 1.03/0.4 | 0.43/-0.42 | -2.52/-4.86 | -2.61/-1.08 | -1.45/-1.17 | 0.15/1.24 |
| Θ(60°) | 1.28/2.03 | 4.43/4.59 | 3.42/2.25 | 0.64/-1.42 | -2.12/-1.69 | -1.24/-0.42 | -0.05/0.69 | 0.3/-0.4 | -0.13/-0.99 | -2.45/0.47 | 2.4/1.03 | -1.73/-2.27 | 0.47/-0.84 | -1/-1.7 | -1.33/-5.42 | -5.18/-0.06 | -0.08/-0.81 | -0.05/-0.79 | -1.09/-0.36 | 0.36/-0.13 | -2.04/-3.27 | -2.95/-0.77 | -1.45/-0.04 | 1.27/1.28 |
| Θ(67.5°) | -0.53/0.03 | 2.19/1.14 | 0.09/-1.2 | -3.67/-4.85 | -4.43/-3.88 | -2.95/-2.76 | -2.48/-1.34 | -0.84/-0.5 | -1.45/-0.06 | 0.52/1.22 | 3.54/2.53 | -0.51/1.84 | 1.58/0.18 | -1.08/-2.26 | -2.52/-5.5 | -1.84/-1.67 | -1.47/-0.06 | -0.71/-1.06 | -1.62/0.32 | 1.72/1.76 | 0.16/-0.96 | -0.11/0.43 | -1.38/-1.1 | 0.9/0.44 |
| Θ(75°) | -4.31/-3 | -0.74/-1.21 | -1.31/-2.89 | -4.44/-1.19 | -1.09/-0.5 | -1.4/-3.2 | -1.32/-2.01 | -3.6/-1.98 | -1.81/-1.21 | 0.18/0.53 | 2.15/3.02 | -0.37/2.31 | 2.35/1.15 | -1.12/-2.41 | -3.84/-4.75 | -3.92/-3.55 | -0.88/0.6 | -2.18/-1.63 | -1.03/-0.19 | 1.08/2.08 | 1.12/-1.14 | -0.85/0.62 | -0.75/-1.74 | 0.04/-0.22 |
| Θ(82.5°) | -3.81/-3.67 | -4.88/-2.55 | -0.31/-2.17 | -0.77/-0.21 | 0.84/-1.99 | -3.39/-1.96 | 0.31/0.26 | -3.72/-5.19 | -3/-2.16 | -0.98/-1.67 | 0.13/-0.34 | -1.72/1.28 | 1.03/0.24 | -1.37/-2.25 | -5.17/-6.36 | -6.91/-4.92 | 0.13/-0.97 | -4.72/-0.66 | -0.23/-1.85 | 0.34/2.32 | 1.11/-1.8 | -1.94/-0.91 | -1.22/-2.33 | -1.07/-4.3 |
| Θ(90°) | -1.97/-2.07 | -2.71/-0.01 | 0.29/-0.77 | -1.19/-1.02 | -0.87/-1.4 | -0.99/-2.19 | -0.53/-1.14 | -3.76/-8.62 | -7.33/-3.11 | -3.31/-5.8 | -3.62/-3.2 | -3.31/-0.59 | -0.4/0.45 | -0.65/-1.97 | -5.22/-5.48 | -4.96/-6.06 | -2.89/-4.5 | -5.29/-1.22 | 0.95/-1.27 | 0.64/1.13 | 1.53/-1.19 | -1.1/-0.35 | -2.18/-1.89 | -0.74/-5.02 |
| Θ(97.5°) | 0.72/-0.01 | -0.73/0.34 | -0.57/-0.69 | -3.32/-2.83 | -1.59/-1.03 | -2.88/-4.9 | -2.36/-2.15 | -5.33/-5.63 | -5.69/-3.74 | -6.35/-7.93 | -4.05/-5.74 | -4.62/-1.2 | -2.23/-0.15 | -0.96/-1.61 | -4.06/-5.01 | -3.82/-6.95 | -6.15/-5.27 | -2.41/-2.27 | 0.12/-1.8 | 0.6/-0.6 | 0.81/-1.45 | -1.83/0.02 | -2/-1.73 | -1.22/-3.52 |
| Θ(105°) | -0.11/0.66 | -0.29/-0.04 | -1.07/-2.09 | -4.62/-2.81 | 0.53/-1.54 | -5.03/-8.14 | -4.86/-4.42 | -6.28/-5.52 | -5.05/-4.58 | -4.69/-4.92 | -2.78/-3.5 | -4.31/-2.74 | -2.86/-2.46 | -1.8/-2.37 | -2.17/-5.06 | -2.85/-6.42 | -7.93/-2.89 | -2.51/-2.92 | -0.87/-2.25 | -0.3/-0.47 | -0.74/-2.26 | -2.38/-1.75 | -2.17/-1.03 | -2.23/-0.84 |
| Θ(112.5°) | -0.8/-0.98 | -1.27/-1.5 | -2.4/-4.8 | -2.69/-2.39 | -3.03/-4.49 | -7.86/-9.92 | -11.33/-9.95 | -8.76/-6.18 | -4.08/-3.12 | -5.36/-6.44 | -2.79/-1.8 | -2.57/-2.9 | -2.24/-3.03 | -2.66/-4.29 | -2.27/-6.34 | -6.1/-9.79 | -6.81/-2.85 | -3.69/-1.69 | -1.72/-2.1 | -1.83/-0.99 | -1.15/-3.8 | -3.23/-2.94 | -3.21/-2.07 | -1.9/-1.34 |
| Θ(120°) | -2.01/-2.25 | -2.06/-0.94 | -1.21/-2.67 | -2.39/-2.27 | -2.99/-4.22 | -7.72/-8.88 | -12.12/-10.45 | -6.8/-8.66 | -4.87/-3.98 | -2.23/-4.68 | -4.58/-2.14 | -3.38/-3.6 | -3.52/-6.03 | -3.74/-6.1 | -2.84/-4.36 | -9.36/-6.59 | -9.02/-5.5 | -5.2/-2.58 | -2.15/-1.84 | -2/-1.9 | -1.66/-3.28 | -3.45/-1.61 | -2.63/-1.17 | -0.83/-2.12 |
| Θ(127.5°) | -1.18/-2.44 | -2.19/0.03 | -0.53/-2.26 | -3.48/-3.53 | -4.49/-4.23 | -8.98/-12.57 | -11.9/-9.65 | -9.4/-7.17 | -4.69/-3.98 | -3.72/-2.56 | -2.54/-5.81 | -3.41/-5.36 | -3.97/-7.72 | -6.4/-8.02 | -8.08/-8.76 | -7.77/-6.22 | -8.14/-3.83 | -4.86/-5.76 | -4.42/-4.72 | -3.3/-3.43 | -6.55/-4.6 | -4.83/-3.14 | -3.95/-3.11 | -2.21/-2.02 |
| Θ(135°) | -0.92/-0.61 | -1.46/-1.81 | -1.35/-2.76 | -3.36/-3.61 | -4.9/-7.7 | -11.13/-12.25 | -11.91/-11.24 | -9.64/-8.37 | -7.46/-5.51 | -3.71/-2.58 | -1.65/-3.23 | -3.5/-5.23 | -6/-5.99 | -7.88/-10.01 | -10.4/-9.89 | -11.62/-5.21 | -7.12/-6.72 | -3.53/-6.33 | -5.8/-5.05 | -3/-1.98 | -2.75/-7.07 | -5.27/-4.56 | -4.65/-4.62 | -4.54/-3.1 |
| Θ(142.5°) | -0.68/-1.09 | -0.98/-1.62 | -2.81/-3.13 | -3.71/-4.1 | -4.95/-7.06 | -10.4/-11.5 | -10.54/-10.35 | -8.62/-7 | -6.51/-6.85 | -7.1/-5.06 | -3.62/-4.44 | -2.7/-4.07 | -4.8/-7.4 | -7.22/-7.08 | -9.33/-7.23 | -8.81/-6.09 | -9.28/-6.21 | -4.6/-5.29 | -6.32/-7 | -7.25/-5.78 | -3.43/-4.25 | -3.48/-1.59 | -2.6/-3.68 | -2.96/-0.85 |
| Θ(150°) | -1.33/-1.92 | -1.33/-1.44 | -2.97/-3.82 | -4.85/-6.34 | -7.36/-9.37 | -11.5/-11.6 | -11.31/-11.1 | -8.49/-6.01 | -5.21/-5.23 | -5.15/-4.55 | -4.96/-4.21 | -5.24/-7.18 | -3.96/-3.58 | -5.97/-8.34 | -9.33/-8.26 | -9/-7.77 | -9.11/-10.8 | -8.51/-6.67 | -6.75/-8.85 | -8.85/-7.25 | -6.63/-6.09 | -4.08/-2.22 | -2.49/-2.76 | -2.19/-0.78 |
| Θ(157.5°) | -2.59/-3.42 | -3.78/-4.26 | -4.29/-4.06 | -5.15/-6.74 | -9.14/-11.34 | -11.42/-10.45 | -10.96/-10.55 | -8.69/-7.77 | -7.72/-9.26 | -8.44/-6.21 | -4.94/-4.28 | -4.94/-6.07 | -6.06/-6.55 | -7.38/-8.36 | -10.4/-8.78 | -7.48/-7.83 | -8.96/-8.6 | -6.16/-6.15 | -7.36/-9.7 | -10.94/-8.78 | -6.81/-5.93 | -5.78/-4.82 | -3.87/-2.47 | -0.97/-0.89 |
| Θ(165°) | -6.13/-5.17 | -4.56/-4.36 | -4.17/-4.5 | -4.35/-5.11 | -6.47/-7.92 | -9.9/-10.51 | -12.08/-11.08 | -8.24/-6.04 | -4.21/-3.25 | -3.18/-4.26 | -5.52/-5.76 | -5.81/-5.35 | -5.53/-5.5 | -7.38/-8.75 | -8.96/-7.9 | -8.74/-10.55 | -10.7/-9.47 | -8.78/-8.52 | -8.92/-9.68 | -9.7/-8.55 | -7.01/-6.48 | -6.33/-6.85 | -6.04/-5.27 | -5.1/-5.37 |
| Θ(172.5°) | -8.8/-8.34 | -7.2/-7.92 | -8.5/-8.51 | -7.72/-7.22 | -8.3/-9.45 | -9.69/-10.41 | -11.36/-11.44 | -10.02/-8.45 | -7.2/-7.04 | -6.89/-6.33 | -5.11/-4 | -4.3/-4.31 | -4.77/-5.67 | -7.18/-8.55 | -9.15/-8.93 | -8.41/-8.54 | -8.62/-8.62 | -9.92/-10.29 | -10.83/-11.33 | -10.82/-11.86 | -12.53/-11.72 | -8.3/-5.54 | -4.74/-5.44 | -6.85/-6.98 |
| Θ(180°) | -8.28/-8.16 | -8.58/-9.39 | -8.4/-7.24 | -6.5/-6.73 | -7.11/-7.94 | -8.09/-8.73 | -9.22/-8.57 | -8.64/-9.18 | -9.84/-9.08 | -8.82/-8.07 | -6.89/-6.74 | -6.74/-6.45 | -5.88/-5.23 | -5.42/-5.58 | -5.66/-5.83 | -6.28/-6.91 | -7.85/-9 | -10.25/-10.91 | -11.48/-11.04 | -11.55/-11.82 | -9.81/-8.36 | -6.88/-6.34 | -6.75/-7.99 | -8.64/-8.19 |

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| Freq(Hz) | 5.2G | 5.3G | 5.6G | 5.785G |
|---|---|---|---|---|
| Ant. 2 Max Gain (dBi) | 5.48 | 5.33 | 5.66 | 4.49 |
| Ant. 3 Max Gain (dBi) | 6.6 | 6.94 | 6.33 | 5.81 |
| Ant. 4 Max Gain (dBi) | 5.86 | 5.91 | 5.78 | 5.79 |
| Ant. 5 Max Gain (dBi) | 3.66 | 3.76 | 4.22 | 4.02 |
| Ant. 2 Polarization/Θ(°)/Φ(°) | Phi/37.5/202.5 | Phi/37.5/195 | Phi/45/195 | Phi/45/202.5 |
| Ant. 3 Polarization/Θ(°)/Φ(°) | Phi/90/270 | Phi/90/262.5 | Phi/90/262.5 | Phi/90/262.5 |
| Ant. 4 Polarization/Θ(°)/Φ(°) | Phi/45/22.5 | Phi/45/30 | Phi/52.5/22.5 | Phi/52.5/30 |
| Ant. 5 Polarization/Θ(°)/Φ(°) | Phi/22.5/97.5 | Phi/30/90 | Theta/97.5/7.5 | Theta/60/22.5 |
| Max Gain (dBi) | 6.6 | 6.94 | 6.33 | 5.81 |
| DG [1SS] (dBi) | 5.78 | 6.01 | 6.62 | 6 |
| DG [2SS] (dBi) | 6.6 | 6.94 | 6.33 | 5.81 |
| DG [4SS] (dBi) | 6.6 | 6.94 | 6.33 | 5.81 |

## DG 1SS Result

| Freq(Hz) | 5.2G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DG(dBi) | 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°) | 1.11/0.12 | -0.89/-1.76 | -1.83/-1.13 | -0.46/0.08 | 0.57/0.9 | 1.09/1.63 | 1.56/2.06 | 2.29/2.68 | 3.01/3.14 | 3.52/3.66 | 3.84/3.38 | 2.7/2.01 | 1.16/0.1 | -1.04/-2.07 | -2.4/-1.65 | -1.03/-0.23 | 0.19/0.56 | 1.21/1.41 | 1.43/1.5 | 1.73/2.56 | 3.15/3.43 | 3.56/3.6 | 3.5/3.3 | 3/2.48 |
| Θ(7.5°) | 1.51/0.6 | -0/-0.32 | -0.89/-0.77 | -0.34/0.13 | 0.48/0.74 | 0.78/1 | 1.32/1.63 | 1.76/1.97 | 2.24/2.33 | 2.7/3.11 | 3.1/3.25 | 2.95/2.64 | 2.13/1.73 | 1.12/1.27 | 1.61/2.17 | 2.72/3 | 2.99/3.17 | 3.19/3.05 | 2.72/2.57 | 2.7/3.19 | 3.78/4 | 4.01/3.94 | 3.6/3.11 | 2.37/1.55 |
| Θ(15°) | 1.92/0.92 | 0.58/0.51 | 0.25/0.02 | 0.15/0.86 | 1.34/1.74 | 2.06/2.27 | 2.82/3.33 | 3.84/4.16 | 4.34/4.43 | 4.45/4.38 | 4.2/3.88 | 3.24/2.74 | 2.41/2.1 | 2.07/2.43 | 2.86/2.94 | 2.87/3.01 | 2.83/2.74 | 2.79/2.34 | 1.54/1.32 | 2.22/3.4 | 4.19/4.61 | 4.94/4.99 | 4.81/4.38 | 3.41/2.56 |
| Θ(22.5°) | 1.4/0.79 | 0.66/0.43 | 0.67/0.54 | 0.89/1.09 | 1.22/1.78 | 2.61/2.8 | 3.05/3.87 | 4.03/4.72 | 5.32/5.51 | 5.26/4.95 | 4.93/4.5 | 3.89/3.33 | 3.41/3.48 | 2.92/2.74 | 2.36/2.14 | 1.98/2.13 | 2.07/1.71 | 1.18/0.71 | 0.74/1.25 | 2.15/3.24 | 4.15/4.73 | 5.04/5.15 | 4.9/4.33 | 3.39/2.58 |
| Θ(30°) | 2.15/1.07 | 1.37/2.02 | 1.47/1.57 | 2.47/2.94 | 2.55/1.93 | 1.47/1.23 | 0.79/0.32 | 1.27/2.51 | 3.73/4.59 | 4.82/4.86 | 4.67/4.55 | 4.39/3.92 | 3.96/4.2 | 4.03/3.98 | 3.56/2.75 | 2.46/2.25 | 2.04/1.32 | 0.94/1.14 | 0.9/0.48 | 1.08/2.18 | 3.08/3.83 | 4.27/4.48 | 4.5/3.85 | 3.16/2.29 |
| Θ(37.5°) | 4.09/3.34 | 3.72/4.36 | 4.42/4.21 | 4.3/4.43 | 4.12/3.24 | 1.78/-0.39 | -1.79/-0.95 | 0.42/1.4 | 1.96/2.54 | 3.81/4.83 | 5.1/5.2 | 5.09/4.97 | 5.1/4.9 | 4.45/4.17 | 3.76/3.42 | 2.49/1.08 | -0.61/-1.64 | -1.76/-1.62 | -2.39/-3.48 | -4.2/-1.94 | 0.35/2.03 | 2.92/3.66 | 3.91/3.54 | 3.63/3.61 |
| Θ(45°) | 4.96/4.16 | 4.68/5.16 | 4.98/4.38 | 4.22/4.23 | 3.81/2.06 | -0.27/-1.35 | -1.26/0.5 | 1.43/2.06 | 2.44/2.4 | 3.1/4.28 | 4.71/4.82 | 5.04/5 | 5.3/5.06 | 4.48/4.46 | 3.94/2.88 | 1.51/-0.58 | -2.37/-3.86 | -4.62/-6.43 | -9.82/-9.66 | -6.11/-4.73 | -2.49/0.12 | 1.69/2.1 | 3.02/3.77 | 4.36/5.02 |
| Θ(52.5°) | 4.48/4.31 | 4.93/4.95 | 4.4/3.04 | 1.96/2.66 | 1.87/-0.1 | -1.4/-2.61 | -3.27/-1.04 | 1.92/3.56 | 3.97/3.52 | 3.95/4.21 | 4.33/4.57 | 4.71/4.75 | 4.47/3.62 | 2.8/3.07 | 3.09/1.96 | 0.36/-1.04 | -1.82/-1.92 | -2.36/-2.97 | -3.99/-6.15 | -5.28/-3.59 | -1.6/-0.86 | -0.31/0.69 | 2.24/3.8 | 4.47/4.96 |
| Θ(60°) | 3.61/3.72 | 4.16/4.22 | 3.67/2.67 | 1.72/2.22 | 1.05/0.49 | -0.09/0.1 | 0.15/1.68 | 3.09/3.81 | 4.28/3.37 | 3.92/4.33 | 2.88/3.45 | 3.64/4.22 | 4.04/2.95 | 1.41/2.13 | 2.62/1.61 | 1.81/0.65 | 0.06/0.55 | -0.49/-1.14 | -0.67/-1.13 | -2.04/-2.61 | -0.53/0.75 | 0.19/-0.86 | 0.2/2.07 | 3.35/3.8 |
| Θ(67.5°) | 2.16/2.16 | 2.82/3.4 | 2.92/2.92 | 2.72/2.38 | 1.6/1.4 | 1.14/0.94 | 0.44/1.45 | 2.96/4.86 | 5.08/3.17 | 2.45/2.77 | 1.24/2.41 | 2.11/2.78 | 2.7/1.26 | -0.91/-0.04 | 0.28/1.6 | 2.65/1.86 | 1.87/2.56 | 1.36/0.52 | 1.08/1.57 | 1.51/0.58 | 0.96/1.96 | 2.36/0.86 | 0.54/2.2 | 2.83/2.6 |
| Θ(75°) | 1.48/1.32 | 1.3/2.81 | 3.26/3.49 | 2.61/2.03 | 1.62/1.01 | -0.47/-3.2 | -3.59/-2.97 | -1.12/2.66 | 4.3/4.05 | 1.88/1.25 | 0.56/1.96 | 1.95/2.16 | 2.81/1.15 | -1.21/-1.28 | -0.85/0.91 | 2.6/2.34 | 2.82/3.32 | 3.05/2.81 | 2.66/1.96 | 3.06/3.03 | 2.49/2.71 | 2.57/1.75 | 0.86/1.49 | 1.43/1.18 |
| Θ(82.5°) | 1.1/1.01 | 0.79/2.6 | 3.43/2.5 | 1.34/0.52 | -0.07/-1.3 | -2.56/-2.24 | -1.14/0.26 | -0.07/-0.35 | 1.86/2.51 | 1.49/1.23 | 1.29/2.73 | 2.39/1.04 | 1.86/-0.67 | -1.8/-0.89 | -0.69/0.32 | 1.76/2.37 | 3.42/5.12 | 4.59/3.95 | 3.79/3.03 | 3.47/3.45 | 3.44/2.93 | 1.72/1.96 | 2.07/1.44 | 0.32/-0.21 |
| Θ(90°) | 0.57/0.63 | 0.65/2.46 | 2.86/1.38 | 1.07/-0.56 | -0.44/-2.38 | -1.37/-2.04 | -2.74/-1.49 | 1.12/0.84 | -1.29/-1.04 | 0.95/0.46 | 0.96/2.12 | 2.69/1.16 | 1.64/-1.17 | -0.85/-2.03 | -1.68/-1.03 | 0.65/1.99 | 3.45/5.59 | 5.78/3.96 | 3.19/2.21 | 2.39/2.43 | 3.09/3.23 | 1.64/1.87 | 2.43/1.68 | 0.19/-0.32 |
| Θ(97.5°) | -0.48/0.94 | 0.67/1.86 | 2.48/0.83 | 0.38/-0.86 | -2.47/-3.56 | -2.76/-3.6 | -3.82/-4.07 | -0.44/1 | -2.36/-3.88 | -1.46/0.14 | 0.7/1.29 | 1.73/0.84 | -0.05/-1.39 | -1.35/-3.43 | -2.64/-1.33 | -0.24/0.22 | 3.08/4.58 | 4.62/3.67 | 2.2/0.62 | 0.7/0.89 | 1.41/1.36 | 0.41/0.91 | 1.22/0.28 | 0.14/-0.62 |
| Θ(105°) | -1.33/0.74 | -0.33/0.56 | 1.83/0.59 | -0.48/-1.47 | -3.15/-4.02 | -2.79/-4.22 | -4.1/-4.49 | -3.46/0.27 | -1.17/-1.95 | -2.15/0.13 | 1.08/1.13 | 1.01/0.12 | -1.19/-3.04 | -1.95/-5.45 | -5.14/-2.17 | -0.35/-1.22 | -0.61/1.78 | 2.83/1.85 | 0.44/-0.26 | -1.05/-0.49 | -0.13/0.01 | -0.85/-1.7 | -1.65/-1.27 | -1.41/-1.93 |
| Θ(112.5°) | -0.48/0.05 | -1.03/-1.52 | -0.96/-1.16 | -1.45/-1.48 | -3.09/-2.17 | -3.14/-5.02 | -4.91/-4.83 | -4.73/-1.23 | -1.38/-1.06 | -1.73/-0.24 | 0.09/0.45 | -0.37/-2.02 | -3.24/-3.27 | -3.51/-7.19 | -6.64/-3.85 | -2.03/-2.51 | -2.93/-0.14 | 1.1/0.1 | -0.63/-1.5 | -1.99/-2.9 | -1.32/-1.3 | -1.72/-3.27 | -3.32/-2.99 | -1.58/-1.36 |
| Θ(120°) | -1.95/-1.16 | -1.45/-1.39 | -1.07/-0.76 | -1.47/-3.54 | -2.26/-1.57 | -1.95/-3.89 | -5.36/-4.92 | -3.98/-2.98 | -1.86/-1.53 | -2.18/-1.17 | -0.47/-0.24 | -1.02/-3.31 | -3.98/-3.98 | -4.91/-8.59 | -9.56/-5.61 | -3.97/-5.09 | -4.24/-0.04 | -0.12/-2.87 | -5.69/-3.76 | -2.36/-3.36 | -2.36/-1.04 | -2.19/-2.76 | -3.88/-4.98 | -1.74/-0.73 |
| Θ(127.5°) | -3.06/-3.49 | -4.02/-2.2 | -1.79/-1.37 | -0.42/-1.51 | -2.63/-3.69 | -4.23/-5.2 | -4.43/-3.57 | -4.81/-5.01 | -3.81/-4.46 | -2.8/-2.33 | -2.26/-1.17 | -3.32/-4 | -5.63/-5.23 | -5.86/-5.48 | -9.39/-8.12 | -5.61/-5.44 | -5.5/-8.36 | -4.89/-4.81 | -7.03/-4.77 | -3.31/-1.71 | -1.83/-2.71 | -3.37/-4.44 | -6.32/-6.14 | -5.36/-3.51 |
| Θ(135°) | -4.57/-3.79 | -3.69/-4.43 | -3.8/-2.17 | -0.72/0.65 | 1.1/-2.01 | -5.47/-5.39 | -3.34/-2.59 | -3.8/-4.34 | -5.92/-5.54 | -4.18/-3.7 | -1.72/-1.5 | -3.89/-4.14 | -5.21/-6.68 | -5.99/-7.16 | -11.21/-10.1 | -6.52/-5.73 | -6.88/-9.4 | -8.91/-10.54 | -12.6/-11.11 | -5.27/-3.17 | -2.88/-4.72 | -3.94/-5.12 | -9.66/-8.06 | -6.03/-5.28 |
| Θ(142.5°) | -5.65/-5.55 | -4.05/-4.45 | -5.24/-3.86 | -2.35/-1.08 | -0.8/-2.6 | -4.55/-5.68 | -5.82/-4.66 | -4.27/-5.09 | -8/-9.64 | -10.07/-6.14 | -4.63/-5.09 | -7.08/-9.8 | -7.34/-5.28 | -6.85/-9.71 | -10.33/-10.64 | -8.34/-7.87 | -8.24/-8.84 | -10.97/-11.98 | -11.79/-10.18 | -7.56/-6.45 | -6.95/-6.85 | -5.02/-5.3 | -7.39/-7.85 | -6.81/-6.45 |
| Θ(150°) | -8.62/-9.55 | -7.81/-6.18 | -4.21/-3.72 | -3.05/-2.51 | -2.38/-4.02 | -7.64/-6.41 | -3.43/-2.72 | -4.08/-5.65 | -7.49/-8.96 | -9.41/-9.43 | -8.3/-7.47 | -8.93/-10.86 | -9.41/-8.22 | -8.14/-8.26 | -8.56/-10.17 | -11.37/-7.43 | -4.64/-5.22 | -9.58/-11.97 | -12.71/-12.38 | -9.72/-6.02 | -4.56/-5.68 | -6.2/-7.01 | -7.56/-6.4 | -6.11/-6.18 |
| Θ(157.5°) | -7.8/-7.57 | -6.84/-5.78 | -4.63/-4.12 | -3.91/-4.31 | -5.43/-7.04 | -7.41/-6.76 | -5.36/-3.72 | -3.39/-3.61 | -4.7/-5.44 | -5.25/-5.45 | -6.63/-7.77 | -8.59/-7.73 | -7.95/-8.74 | -8.91/-9.86 | -9.13/-7.59 | -7.28/-6.88 | -6.07/-7.47 | -8.11/-8.54 | -10.2/-10.02 | -7.64/-5.86 | -6.07/-6.82 | -6.96/-6.93 | -7.51/-8.15 | -8.09/-8.83 |
| Θ(165°) | -9.38/-8.94 | -7.55/-6.88 | -6.61/-6.1 | -6.81/-8.05 | -8.79/-9.87 | -10.47/-8.95 | -6.24/-3.74 | -3.05/-3.23 | -3.98/-4.65 | -5.57/-7.06 | -8.73/-9.09 | -10.12/-10.48 | -10.16/-9.61 | -8.47/-8.2 | -8.75/-7.67 | -7.41/-7.88 | -8.83/-9.79 | -10.33/-10.93 | -9.8/-8.53 | -7.97/-7.39 | -7.5/-7.72 | -8.21/-8.7 | -9.46/-9.59 | -9.35/-9.48 |
| Θ(172.5°) | -10.87/-12.38 | -12.28/-12.27 | -12.28/-11.52 | -10.32/-9.69 | -10.24/-9.46 | -8.52/-6.68 | -5.17/-4.93 | -4.87/-5.77 | -7.19/-8.71 | -10.5/-10.46 | -10.13/-10.2 | -9.68/-8.63 | -8.03/-8.5 | -8.29/-8.95 | -9.08/-9.03 | -8.7/-8.18 | -8.42/-8.29 | -9.04/-10.11 | -10.79/-10.66 | -9.36/-8.5 | -8.1/-8.2 | -8.42/-8.63 | -9.45/-9.84 | -9.59/-9.72 |
| Θ(180°) | -12.71/-12.58 | -12.24/-11.57 | -9.92/-8.64 | -7.56/-7.19 | -6.96/-7.05 | -6.26/-6.29 | -6.28/-7.42 | -8.89/-8.85 | -8.64/-8.29 | -8.84/-8.99 | -9/-9.18 | -10.2/-10.37 | -10.56/-10.23 | -10.11/-10.42 | -10.34/-11.81 | -11.02/-10.19 | -9.28/-8.79 | -8.92/-10.04 | -10.12/-9.65 | -9.28/-9.12 | -9.48/-9.01 | -9.19/-9.42 | -9.5/-10.37 | -10.58/-11.42 |
| Freq(Hz) | 5.2G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 0.4/0.57 | 1.02/1.22 | 1.94/2.15 | 2.3/2.19 | 2.4/2.15 | 1.56/0.86 | 0.52/-0.09 | -1.27/-2.2 | -2.92/-2.75 | -2.01/-1.52 | -1.1/-0.51 | 0.32/0.69 | 0.88/0.9 | 1.21/1.78 | 2.43/2.78 | 2.81/2.82 | 2.81/2.78 | 2.78/2.22 | 1.65/0.83 | -0.19/-0.79 | -0.45/0.06 | 0.56/0.77 | 0.95/1.25 | 1.43/1.31 |
| Θ(7.5°) | 0.77/0.98 | 1.48/1.81 | 2.21/2.57 | 2.5/2.25 | 1.94/1.34 | 0.68/0.09 | -0.45/-1.19 | -1.6/-1.94 | -1.39/-0.63 | 0.07/0.77 | 0.93/1.21 | 1.3/1.51 | 1.4/1.36 | 1.55/1.94 | 2.68/3.35 | 3.53/3.18 | 2.88/3.21 | 3.35/3.07 | 2.42/1.4 | 0.04/-1.01 | -1.25/-0.9 | -0.38/-0.15 | -0.21/-0.3 | -0.04/0.43 |
| Θ(15°) | 2.18/2.26 | 2.17/2.25 | 2.3/2.74 | 3.06/2.98 | 2.88/2.7 | 2.48/1.86 | 1.3/0.85 | -0.13/-0.15 | 0.84/1.49 | 2.06/2.48 | 2.69/2.68 | 2.33/2.09 | 2.12/2.26 | 2.29/2.33 | 2.62/2.94 | 2.44/2.15 | 1.77/1.94 | 2.1/2.02 | 1.87/1.49 | 1/0.15 | -0.42/-0.59 | -0.72/-0.65 | -0.47/0.07 | 0.62/0.91 |
| Θ(22.5°) | 2.69/2.79 | 2.79/3.11 | 3.38/3.34 | 3.25/3.21 | 3.23/3.11 | 2.55/1.7 | 1.69/1.77 | 2.01/2.22 | 2.87/3.44 | 3.91/4.12 | 4.08/3.66 | 2.73/2.08 | 2.18/2.66 | 2.64/2.62 | 2.08/1.88 | 1.74/1.69 | 1.34/1.7 | 1.76/1.86 | 2.07/1.94 | 1.4/1.23 | 1.05/0.2 | -0.24/0.39 | 1.2/1.77 | 1.67/1.4 |
| Θ(30°) | 2.5/2.54 | 2.54/2.77 | 3.11/3.57 | 3.44/3.2 | 2.64/1.76 | 1.89/2.55 | 2.53/2.66 | 3.42/3.57 | 3.55/3.95 | 4.27/4.4 | 4.13/3.37 | 2.33/1.39 | 1.41/1.72 | 1.88/1.59 | 1.15/1.16 | 1.53/1.69 | 1.43/1.35 | 1.59/1.76 | 2.19/2.15 | 1.43/0.39 | -0.24/-0.66 | -0.53/-0.01 | 1.09/2.02 | 2.03/2 |
| Θ(37.5°) | 2.35/2.25 | 1.72/1.57 | 2.28/3.49 | 4/3.46 | 3.27/3.92 | 4.27/4.11 | 3.73/3.51 | 3.94/3.9 | 3.61/3.18 | 2.93/3.5 | 3.05/1.6 | 0.08/-1.03 | -1.47/-1.12 | -0.96/-0.95 | -0/0.6 | 0.63/0.81 | 1.04/1.53 | 1.66/1.36 | 1.73/2.26 | 2.1/1.31 | -0.31/-1.02 | -0.04/0.89 | 1.25/1.57 | 1.21/1.75 |
| Θ(45°) | 1.64/2 | 1.48/1.05 | 1.84/2.97 | 3.02/2.85 | 3.78/4.74 | 4.9/4.48 | 4.06/3.86 | 3.98/4.41 | 4.52/3.85 | 2.53/1.39 | 1.32/0.58 | -1.38/-2.98 | -3.81/-3.48 | -2.99/-2.98 | -1/-0.35 | -0.29/0.66 | 1.46/1.58 | 1.2/0.54 | 0.7/1.68 | 2.3/1.94 | 1.19/0.97 | 1.91/2.53 | 2.19/0.95 | 0.03/0.7 |
| Θ(52.5°) | 0.79/0.36 | -0.53/-0.56 | -0.24/0.67 | 1.14/1.89 | 2.92/3.68 | 4.26/4.24 | 3.92/3.18 | 2.86/3.28 | 3.68/3.21 | 2.32/0.77 | 0.08/-1.21 | -2.88/-3.31 | -4.6/-5.29 | -7.46/-4.8 | -1.25/-0.33 | -0.12/0.82 | 1.81/1.61 | 1.26/0.85 | 0.8/1.6 | 1.74/1.18 | 0.49/1.14 | 2.91/3.24 | 2.33/0.52 | -0.91/0.38 |
| Θ(60°) | 0.42/-0.24 | -2.4/-2.32 | -2.33/-0.85 | -0.44/0.94 | 2.32/3.07 | 3.72/3.96 | 3.21/1.99 | 1.43/2.19 | 2.3/2.04 | 2.17/1.7 | 0.71/-0.15 | -0.75/-1.92 | -2.7/-3.65 | -5.72/-3.27 | -0.54/-0.3 | -0.4/0.42 | 1.05/0.78 | 1.75/2.44 | 2.28/2.03 | 1.81/0.88 | -0.33/0.31 | 2.38/3.29 | 2.71/0.21 | -2.75/-0.79 |
| Θ(67.5°) | -1.18/-1.28 | -4.98/-5.62 | -4.54/-3.87 | -1.04/2.34 | 3.21/3.1 | 2.22/2 | 1.41/1.3 | 0.22/0.64 | 1.34/0.63 | 0.64/1.15 | 0.5/1.29 | 1.49/-0.91 | -1.83/-2.83 | -2.45/-2.25 | -1.17/-1.72 | -1.97/-1.26 | -1.13/-0.57 | 1.2/2.01 | 2.07/1.45 | 0.86/0.72 | -0.44/-0.3 | 1.89/2.83 | 2.51/0.19 | -3.64/-3.03 |
| Θ(75°) | -3.13/-3.26 | -6.38/-4.78 | -3.92/-1.92 | 1.47/3.36 | 3.3/2 | 0.88/1.72 | 2.3/2.22 | 1.35/-0.15 | -0.57/-0.02 | 0.7/0.56 | -0.33/0.12 | 1.29/-0.65 | -1.16/-2.54 | -2.81/-2.15 | -1.46/-2.69 | -4.91/-4.1 | -4.53/-2.16 | 0.58/1.5 | 1.24/0.35 | 0.16/0.48 | 0.07/-0.8 | 0.42/0.94 | 1.26/-0.8 | -4.43/-3.73 |
| Θ(82.5°) | -2.32/-1.86 | -2.42/-1.57 | -0.77/0.69 | 2.36/2.73 | 1.85/-1.39 | -1.53/-1.03 | -1.39/-0.93 | -0.39/-0.89 | -3.09/-4.17 | -1.66/-0.43 | -0.43/-1.8 | -0.13/-1.27 | -1.63/-2.14 | -3.1/-3.35 | -4.05/-6.39 | -8.08/-5.81 | -4.3/-2.17 | -0.29/0.21 | 0.34/0.24 | 0.3/1.49 | 1.08/0.5 | -0.06/-1.18 | -0.09/-0.51 | -4.7/-4.61 |
| Θ(90°) | -2.31/-1.79 | -0.91/-0.6 | -0.79/0.76 | 1.59/1.01 | -1.46/-2.2 | -1.79/-0.97 | -0.48/-0.93 | -2.69/-4.73 | -3.87/-3.32 | -4.27/-3.16 | -1.99/-3.78 | -1.49/-3.28 | -2.33/-2.84 | -4.11/-4.04 | -5.63/-5.76 | -7.57/-5.21 | -1.99/-0.79 | -0.07/0.32 | 0.2/-0.56 | 0.73/1.97 | 1.37/1.61 | 1.18/-1.23 | -1.3/-0.78 | -3.73/-4.27 |
| Θ(97.5°) | -1.32/-1.76 | -0.58/-1.04 | -1.88/-0.99 | -2.1/-3.84 | -3.69/-2.27 | -1.97/-2.27 | -2.44/-2.8 | -3.85/-5.45 | -4.36/-2.39 | -1.93/-0.82 | -1.12/-2.09 | -2.83/-3.27 | -2.9/-2.48 | -4.59/-3.51 | -4.23/-4.19 | -7.2/-4.46 | -1.65/-0.41 | -1.01/-0.86 | 0/-0.3 | -0.37/1.18 | 0.08/1.86 | 1.97/0.59 | 0.11/-0.42 | -2.27/-3.28 |
| Θ(105°) | -3.03/-2.96 | -1.03/-1 | -3.35/-4.16 | -4.48/-4.46 | -3.62/-2.54 | -4.92/-5.63 | -5/-6.48 | -6.45/-5.23 | -4.54/-2.45 | -2.18/-0.95 | -1.06/-0.9 | -1.61/-2.55 | -3.16/-2.75 | -3.52/-2.98 | -2.68/-2.02 | -5.34/-5.39 | -4.09/-0.78 | -0.73/-2.01 | 0.43/-1.24 | -0.5/-1.05 | -1.75/0.73 | -0.01/-0.14 | -1.39/-2.16 | -2.21/-2.43 |
| Θ(112.5°) | -4.19/-4.21 | -2.69/-3.28 | -4.68/-4.81 | -3.77/-3.41 | -3.17/-4.92 | -7.1/-9.37 | -9.61/-10.88 | -7.75/-6.22 | -5.41/-3.26 | -2.03/-1.01 | -3.01/-1.98 | -2.56/-2.37 | -4.1/-3.31 | -4.82/-3.89 | -3.59/-3.58 | -7.02/-8.27 | -6.61/-1.72 | -1.44/-2.65 | -1.56/-2.42 | -0.88/-2.43 | -2.67/-0.93 | -1.48/-0.16 | -2.38/-2.73 | -3.14/-3.27 |
| Θ(120°) | -3.81/-4.49 | -1.99/-1.79 | -2.11/-2.71 | -3.76/-4.12 | -4.62/-4.9 | -6.43/-9.71 | -11.64/-10.05 | -9.77/-10.52 | -6.71/-3.61 | -2.68/-0.88 | -3.18/-3.27 | -4.56/-4.51 | -5.58/-4.39 | -5.01/-4.95 | -5.68/-7.25 | -8.3/-9.22 | -8.33/-4.24 | -1.31/-3.12 | -2.89/-2.45 | -1.36/-2.22 | -3/-4.61 | -2.94/-1.22 | -2.9/-3.08 | -2.16/-3.01 |
| Θ(127.5°) | -4.08/-1.71 | -1.51/-0.52 | -0.76/-2.08 | -3.43/-3.76 | -4.6/-5.57 | -9.98/-10.68 | -9.78/-8.96 | -9.94/-10.34 | -9.26/-5.06 | -2.58/-2.1 | -3.16/-2.75 | -4.75/-4.72 | -6.43/-4.07 | -5.07/-7.17 | -9.68/-10.81 | -10.21/-7.66 | -7.97/-4.91 | -2.4/-2.37 | -3.85/-3.22 | -3.21/-3.36 | -3.79/-9.83 | -6.76/-5.22 | -6.11/-6.43 | -3.26/-3.41 |
| Θ(135°) | -3.4/-1.55 | -1.05/-1.69 | -1.51/-3.03 | -3.47/-3.67 | -5.03/-7.08 | -9.76/-11.8 | -11.47/-11.03 | -9.47/-9.08 | -11.06/-7.31 | -4.68/-4.6 | -3.56/-4.78 | -5.04/-4 | -5.3/-3.83 | -5.32/-7.22 | -10.36/-10.1 | -10.16/-9.18 | -9.34/-7.16 | -4.03/-3.06 | -4/-5.08 | -5.04/-4.36 | -4.89/-6.61 | -5.86/-5.38 | -4.87/-5.02 | -4.27/-2.93 |
| Θ(142.5°) | -1.97/-1.02 | -0.16/-0.71 | -1.89/-2.79 | -4.22/-5.26 | -6.69/-9.3 | -12.06/-11.88 | -11.08/-9.24 | -8.88/-9.23 | -11.35/-11.29 | -10.34/-6.32 | -5.13/-5.39 | -4.59/-5.56 | -4.31/-4.18 | -7.54/-10.45 | -12.88/-8.49 | -7.7/-9.28 | -9.14/-5.18 | -4.06/-5.13 | -6.72/-8.24 | -8.72/-7.31 | -5.64/-3.13 | -3.08/-4.55 | -3.49/-3.39 | -3.87/-2.77 |
| Θ(150°) | -2.3/-2.18 | -1.38/-1.91 | -3.2/-3.97 | -5.56/-6.71 | -7.47/-10.05 | -9.98/-10.46 | -10.22/-9.44 | -6.93/-7.36 | -9.72/-10.33 | -10.2/-9.49 | -10.19/-7.51 | -6.11/-6.17 | -5.05/-4.83 | -6.1/-6.45 | -7.28/-10.21 | -9.05/-8.55 | -9.68/-7.49 | -5.94/-6.52 | -7.21/-8.49 | -11.63/-11.85 | -7.19/-4.19 | -4.03/-3.94 | -2.8/-2.07 | -2.25/-1.59 |
| Θ(157.5°) | -2.79/-2.76 | -2.82/-3.29 | -3.74/-4.9 | -6.12/-8.28 | -10.45/-10.35 | -10.09/-10.73 | -11.58/-9.55 | -8.32/-7.65 | -6.75/-6.29 | -6.42/-6.93 | -7.14/-6.93 | -7.01/-6.61 | -6.7/-9.17 | -11.53/-10.79 | -8.78/-8.33 | -8.44/-9.32 | -10.58/-10.31 | -9.18/-7.87 | -7.33/-7.26 | -7.85/-8.42 | -7.29/-6.67 | -6.24/-5.13 | -3.85/-3.75 | -3.4/-2.78 |
| Θ(165°) | -3.97/-3.92 | -4.28/-5.33 | -6.84/-8.42 | -10.4/-11.99 | -11.3/-10.74 | -10.75/-11.27 | -11.1/-10.8 | -8.1/-5.69 | -4.35/-3.86 | -4.08/-5.04 | -7.33/-8.51 | -7.88/-6.75 | -7.08/-8.57 | -10.34/-10.04 | -8.49/-8.71 | -9.42/-10.14 | -9.81/-9.91 | -9.49/-8.97 | -8.28/-9.07 | -8.63/-6.79 | -6.56/-7.38 | -8.29/-8.16 | -6.68/-4.91 | -3.75/-3.44 |
| Θ(172.5°) | -8.3/-8.24 | -8.21/-8.39 | -8.59/-8.62 | -9.15/-9.2 | -9.73/-10.94 | -11.73/-11.7 | -10.94/-10.24 | -9.27/-7.96 | -7.58/-7.43 | -7.6/-7.56 | -6.85/-5.41 | -4.53/-4.86 | -5.18/-6.34 | -7.23/-9.21 | -9.36/-9.65 | -10.02/-10.42 | -10.52/-10.47 | -10.2/-10.72 | -10.06/-9.32 | -9.23/-9.81 | -10.54/-9.88 | -8.27/-7.22 | -7.48/-7.71 | -7.46/-7.09 |
| Θ(180°) | -8.61/-8.92 | -8.93/-8.2 | -7.9/-8.23 | -8.35/-8.35 | -9.07/-9.44 | -9.05/-8.77 | -8.89/-9.26 | -8.72/-8.91 | -8.76/-7.87 | -6.75/-6.09 | -5.78/-5.86 | -5.76/-6.57 | -7.6/-9.23 | -9.54/-9.74 | -9.43/-8.5 | -9.33/-9.13 | -9.09/-9.06 | -8.34/-8.61 | -8.82/-9.85 | -11.49/-10.86 | -10.35/-9.86 | -9.17/-10.07 | -11.58/-11.79 | -9.65/-8.61 |
| Freq(Hz) | 5.3G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 1.63/1.06 | 0.46/0.43 | 0.91/1.45 | 1.92/2.24 | 2.62/2.82 | 2.69/2.36 | 2.1/2.42 | 2.81/3.23 | 3.59/3.72 | 3.75/3.48 | 3.03/2.39 | 1.9/1.27 | 0.71/0.17 | -0.26/0.07 | 1/1.8 | 2.37/2.83 | 2.81/2.46 | 2.2/2.39 | 2.43/2.58 | 2.69/3.18 | 3.69/4.08 | 4.21/4.25 | 4.31/4.35 | 4.07/3.43 |
| Θ(7.5°) | -0.57/-1.9 | -2.86/-2.92 | -1.91/-0.8 | 0.18/1.07 | 1.72/2.44 | 2.78/2.74 | 2.72/2.71 | 2.96/3.28 | 3.54/3.67 | 3.91/3.95 | 3.63/3.31 | 2.9/2.66 | 2.35/2.08 | 1.88/2.24 | 2.65/3.36 | 3.66/3.73 | 3.77/3.9 | 3.69/3.77 | 3.66/3.46 | 3.54/3.7 | 3.87/3.94 | 3.84/3.56 | 3.29/3.16 | 2.77/2.08 |
| Θ(15°) | 0.39/-0.36 | -1.46/-1.85 | -1.87/-0.89 | 0.4/1.47 | 1.91/2.41 | 2.88/3.29 | 3.54/3.8 | 4.18/4.53 | 4.86/5.01 | 5.05/4.88 | 4.38/3.73 | 3.09/2.51 | 1.91/1.53 | 2.19/3.14 | 3.9/4.36 | 4.49/4.39 | 4.08/3.76 | 3.16/2.83 | 2.64/2.68 | 2.99/3.41 | 3.89/4.08 | 4.12/3.84 | 3.38/2.75 | 1.97/1.07 |
| Θ(22.5°) | 1.42/0.59 | 0.05/-0.74 | -1.4/-0.88 | 0.3/1.85 | 2.93/3.75 | 3.89/3.64 | 3.61/4.07 | 4.69/5.35 | 5.79/5.87 | 5.78/5.58 | 5.17/4.55 | 3.7/3.17 | 2.9/2.66 | 2.39/2.47 | 2.81/2.96 | 2.97/3.07 | 2.82/2.6 | 2.09/1.49 | 1.36/2.03 | 2.9/3.67 | 4.27/4.71 | 4.85/4.75 | 4.49/3.81 | 3.11/2.33 |
| Θ(30°) | 2.58/1.8 | 1.38/0.82 | 0.59/1.62 | 2.58/3.18 | 3.45/3.34 | 3.03/2.35 | 1.92/2.12 | 2.72/3.71 | 4.79/5.36 | 5.59/5.37 | 4.82/4.67 | 4.36/4.03 | 4.4/3.94 | 3.51/3.37 | 3.18/2.87 | 3.38/3.41 | 2.61/1.88 | 1.12/0.42 | 0.83/1.46 | 2.21/2.92 | 3.85/4.27 | 4.23/4.43 | 4.26/3.81 | 3.43/2.94 |
| Θ(37.5°) | 3.75/3.59 | 4.01/4.67 | 4.26/3.86 | 4.12/4.28 | 4.09/3.47 | 2.69/1.07 | 0.14/0.56 | 1.12/1.64 | 2.5/3.28 | 4.14/4.39 | 4.76/5.14 | 5.32/5.53 | 5.81/5.46 | 4.85/4.47 | 3.67/3.56 | 3.31/2.28 | 0.15/-1.2 | -0.92/-0.84 | -1.62/-1.75 | -0.92/0.71 | 2.08/2.85 | 3.26/3.99 | 4.66/4.03 | 3.46/2.91 |
| Θ(45°) | 4.07/4.33 | 5.63/6.01 | 5.43/4.46 | 3.39/3 | 3.09/2.19 | 0.17/-1.47 | -1.43/0.24 | 1.13/1.08 | 1.09/1.94 | 2.53/3.34 | 4.05/4.92 | 5.48/5.34 | 5.33/5.18 | 4.94/4.69 | 4.01/3.15 | 2.32/1.03 | -1.08/-3.39 | -5.15/-6.35 | -6.59/-5.04 | -3.12/-1.66 | -0.02/0.97 | 1.73/2.93 | 4/4.39 | 4.35/3.8 |
| Θ(52.5°) | 4.62/5.21 | 5.78/5.24 | 5.23/4.15 | 2.74/2.88 | 1.64/0.03 | -1.61/-3.31 | -3.49/-1.25 | 0.66/1.72 | 2.28/2.84 | 3.05/2.91 | 3.08/4.63 | 4.55/3.86 | 3.75/3.24 | 3.24/3.34 | 2.69/2.19 | 2.33/1.67 | 0.01/-1.81 | -3.29/-4.22 | -5.38/-6.46 | -5.04/-2.54 | -1.38/-1.16 | 0.06/2.18 | 3.84/4.34 | 4.25/4.7 |
| Θ(60°) | 3.85/4.41 | 4.7/4.42 | 3.84/3.39 | 3.65/3.33 | 1.26/-0.48 | -0.85/-0.31 | 0.08/1.27 | 2.74/3.56 | 3.59/3.34 | 3.32/3.4 | 2.44/3.59 | 3.81/3 | 2.94/2.05 | 1.69/2.45 | 2.87/2.42 | 2.6/1.79 | 0.6/-0.8 | -2.97/-2.16 | -1.47/-1.84 | -2.74/-2.54 | -0.5/0.1 | -0.68/0.29 | 2.54/3.7 | 3.09/3.28 |
| Θ(67.5°) | 3.2/3.22 | 3.15/3.45 | 3.52/3.47 | 3.34/3.02 | 2.08/1.03 | 1.22/1.11 | 1.25/1.96 | 2.98/4.71 | 4.91/4.11 | 2.73/2.59 | 1.15/2.35 | 1.87/1.59 | 1.91/0.84 | -0.77/0.82 | 1.7/2.31 | 2.56/1.85 | 2.24/1.87 | 0.26/0.18 | 0.91/1.27 | 0.65/-0.17 | 1.01/1.9 | 2.02/1.32 | 2.19/3.31 | 2.6/2.68 |
| Θ(75°) | 2.13/1.71 | 2.06/3.38 | 3.58/3.28 | 2.7/3.1 | 2.91/2.09 | -0.28/-2.77 | -2.86/-1.85 | -0.07/2.35 | 3.99/4.18 | 2.86/1.63 | 1.37/2.33 | 1.82/1.65 | 2.44/1.68 | -0.78/-0.68 | 1.16/2.51 | 2.73/2.48 | 3.03/2.92 | 1.76/2.06 | 2.61/2.11 | 1.87/2.05 | 2.73/2.62 | 2.66/2.25 | 1.42/1.85 | 0.66/1.28 |
| Θ(82.5°) | 1.75/1 | 1.58/3.05 | 3.15/2.26 | 1.61/1 | 1.48/0.23 | -1.15/0.08 | -0.12/0.82 | 0.79/0.32 | 1.25/2.6 | 2.29/2.06 | 2.12/2.85 | 1.5/1.3 | 2.17/0.11 | -1.26/-0.67 | -0.07/0.44 | 1.33/2.72 | 3.54/4.23 | 3.88/3.5 | 3.37/2.94 | 2.83/3.06 | 3.6/3.08 | 2.55/3.03 | 2.52/1.44 | -0.16/1.06 |
| Θ(90°) | 1.55/0.8 | 1.16/2.6 | 2.48/1.49 | 0.88/0.74 | 0.46/-1.85 | -0.4/-0.14 | -1.57/-2.28 | 0.5/-0.08 | -1.82/-0.77 | 0.93/1.25 | 1.94/2.54 | 2.04/1.07 | 2.47/-0.51 | -1.21/-2.51 | -1.31/-1.33 | 0.3/2.59 | 3.98/5.13 | 5.51/4.78 | 3.67/1.68 | 1.16/1.62 | 2.7/3.09 | 2.35/2.39 | 1.78/0.44 | -0.13/0.96 |
| Θ(97.5°) | -0.2/0.81 | 0.07/1.4 | 1.96/1.09 | 0.53/-0.11 | -1.38/-3.91 | -2.22/-2.24 | -2.91/-3.72 | -1.21/1.09 | -1.81/-3.42 | -0.8/0.54 | 0.95/1.55 | 1.69/0.95 | 1.33/-0.67 | -1.27/-3.72 | -2.47/-1.12 | -0.39/0.49 | 2.89/4.56 | 4.78/4.08 | 2.54/0.64 | 0.48/0.67 | 1.35/1.77 | 0.81/0.07 | -0.33/-0.13 | -0.25/-0.08 |
| Θ(105°) | -0.98/1.16 | -0.36/0.48 | 1.29/0.17 | -1/-2.21 | -4.29/-4.58 | -1.92/-3.51 | -3.23/-4.19 | -3.88/0.76 | -1.25/-1.75 | -1.01/0.44 | 0.81/0.9 | 0.65/-0.03 | 0.26/-1.92 | -2.35/-5.5 | -4.48/-2.8 | -0.68/-0.77 | 0.41/1.58 | 3.03/1.93 | -0.15/-1.14 | -0.71/0.1 | -0.44/-0.27 | -0.16/-1.82 | -1.81/-2.05 | -1.82/-1.35 |
| Θ(112.5°) | -1.47/0.43 | -0.6/-1.57 | -0.64/-1.54 | -1.98/-3.04 | -4.3/-3.39 | -2.36/-2.91 | -3.84/-4.73 | -4.34/0.41 | -0.51/-0.76 | -1.6/0.4 | 0.09/-0.18 | -0.29/-1.75 | -2.67/-3.37 | -4/-8.64 | -5.11/-3.4 | -2.94/-2.68 | -1.61/0.2 | 1.42/0.44 | -1.4/-2.22 | -1.8/-1.67 | -0.71/-1.07 | -2.13/-4.55 | -4.31/-1.54 | -0.92/-1.89 |
| Θ(120°) | -1.88/-1.59 | -1.29/-1.92 | -1.3/-0.72 | -2.16/-4.26 | -3.59/-1.93 | -2.77/-5.13 | -5.62/-4.88 | -4.23/-2.91 | -1.74/-0.35 | -1.1/-0.87 | -0.58/-0.59 | -0.82/-2.98 | -4.23/-4.28 | -3.93/-8.04 | -9.25/-5.23 | -4.55/-6 | -5.5/-0.45 | -0.17/-1.84 | -4.62/-3.37 | -2.07/-2.7 | -1.27/-1.11 | -2.43/-4.65 | -4.58/-4.25 | -3.28/-1.96 |
| Θ(127.5°) | -2.91/-2.85 | -4.16/-2.38 | -2.29/-1.67 | -0.28/-1.82 | -3.46/-3.99 | -5.26/-6.11 | -4.19/-3.49 | -4.4/-4.38 | -2.32/-3.43 | -1.66/-1.13 | -2.21/-1.11 | -2.35/-3.84 | -4.81/-5.35 | -5.14/-4.88 | -9.08/-6.49 | -5.48/-6.14 | -8.65/-9.82 | -4.96/-3.69 | -5.17/-4.39 | -3.48/-1.74 | -1.29/-1.55 | -2.88/-4.73 | -5.25/-4.05 | -3.6/-3.24 |
| Θ(135°) | -4.48/-3.04 | -3.98/-4.22 | -2.03/-1.87 | -1.24/-0.19 | -0.35/-2.47 | -5.71/-6.6 | -4.2/-2.75 | -3/-3.91 | -5.42/-4.44 | -3.52/-2.96 | -2.78/-1.82 | -3.63/-3.71 | -3.98/-5.88 | -6.33/-7.48 | -10.81/-8.89 | -6.37/-6.39 | -9.3/-10.41 | -7.98/-8.41 | -10.6/-10.25 | -5.15/-2.53 | -2.8/-2.92 | -3.36/-4.54 | -6.34/-7.9 | -5.17/-4.93 |
| Θ(142.5°) | -5.31/-4.73 | -3.42/-4.36 | -4.89/-4.2 | -3.11/-1.58 | -1.49/-3.43 | -5.57/-5.7 | -5.84/-5.74 | -4.46/-4.65 | -6.82/-8.9 | -8.45/-6.64 | -5.1/-5.37 | -6.3/-8.87 | -7.01/-5.02 | -5.85/-8.75 | -11.6/-9.13 | -8.44/-9.5 | -8.3/-7.79 | -10.77/-11.7 | -11.54/-9.22 | -7.35/-6.64 | -6.72/-5.61 | -4.39/-4.63 | -6/-7.09 | -6.41/-4.93 |
| Θ(150°) | -8.33/-9.1 | -6.45/-5.7 | -4.17/-4.27 | -3.89/-3.63 | -3.21/-3.83 | -5.41/-5.88 | -3.72/-2.01 | -2.55/-4.41 | -6.8/-8.14 | -7.95/-8.14 | -7.73/-7.89 | -9.36/-11.32 | -9.28/-8.72 | -9/-9.25 | -9.56/-10.33 | -11.24/-7.26 | -3.82/-3.82 | -7.11/-11.95 | -11.95/-11.5 | -8.7/-5.45 | -4.09/-4.85 | -6.14/-6.9 | -7.79/-5.84 | -4.78/-5.36 |
| Θ(157.5°) | -6.88/-7.58 | -6.13/-5.03 | -4.64/-4.64 | -5.48/-6.15 | -6.95/-8.32 | -8.68/-6.34 | -4.87/-4.27 | -3.63/-3.13 | -3.85/-4.96 | -5.85/-5.98 | -6.45/-7.5 | -8.48/-7.52 | -8.09/-8.16 | -8.45/-9.13 | -9.9/-7.85 | -6.13/-5.67 | -5.8/-7.03 | -8.65/-9.8 | -11.41/-10.47 | -7.79/-6.68 | -6.44/-7.13 | -7.31/-6.92 | -6.88/-7.57 | -7.56/-7.71 |
| Θ(165°) | -8.73/-8.35 | -7.18/-7.02 | -7.56/-8.56 | -8.57/-8.68 | -8.7/-10.15 | -9.78/-6.88 | -5.13/-4.09 | -2.77/-2 | -1.77/-2.43 | -3.65/-5.07 | -6.22/-7.84 | -8.7/-9.41 | -9.99/-10.07 | -9.22/-8.69 | -9.61/-8.71 | -8.04/-8.15 | -8.71/-9.31 | -10.47/-10.91 | -9.24/-8.43 | -8.39/-8.67 | -8.31/-7.35 | -7.57/-8.95 | -9.36/-8.38 | -8.23/-9.07 |
| Θ(172.5°) | -11.26/-12.3 | -11.47/-10.62 | -10.29/-10.69 | -10.91/-10.4 | -10.04/-9.14 | -7.89/-6.68 | -5.96/-5.6 | -5.18/-4.95 | -6.34/-7.89 | -10.59/-11.29 | -11.23/-10.61 | -10.71/-10.33 | -8.77/-8.04 | -7.14/-7.32 | -7.79/-8.03 | -7.41/-7.78 | -8.29/-8.72 | -9.46/-9.17 | -10.08/-10.77 | -10.3/-8.59 | -7.61/-7.47 | -8.25/-9.62 | -10.53/-11.89 | -11.1/-10.21 |
| Θ(180°) | -12.58/-12.44 | -11.75/-10.82 | -10.2/-9.6 | -8.75/-7.86 | -7.43/-7.09 | -7.19/-7.62 | -7.37/-6.91 | -7.41/-7.63 | -8.42/-8.14 | -7.81/-7.68 | -7.99/-8.42 | -8.88/-9.07 | -9.41/-9.33 | -9.27/-9.45 | -9.65/-10.37 | -10.23/-10.51 | -10.03/-9.72 | -9.93/-9.82 | -10.27/-9.63 | -8.69/-7.94 | -8.22/-8.88 | -9.63/-9.45 | -9.29/-9.8 | -9.94/-10.69 |
| Freq(Hz) | 5.3G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 1.77/1.88 | 2.16/2.26 | 2.56/2.81 | 3.21/3.18 | 2.99/2.73 | 2.55/1.88 | 1.14/-0.05 | -1.39/-2.16 | -1.87/-0.93 | -0.1/0.77 | 1.67/2.24 | 2.53/2.33 | 2.47/2.27 | 2.23/2.14 | 2.3/2.78 | 3.43/3.84 | 3.83/3.47 | 3.31/2.98 | 2.27/1.62 | 0.83/0.79 | 1.25/1.79 | 2.04/2.4 | 2.69/2.69 | 2.53/2.21 |
| Θ(7.5°) | 2.78/2.59 | 2.67/2.66 | 2.94/3.01 | 3.02/2.9 | 2.31/1.53 | 1.06/0.66 | -0.11/-0.87 | -1.7/-1.6 | -0.43/0.69 | 1.45/2.09 | 2.46/2.89 | 2.85/2.66 | 2.43/2.36 | 2.59/2.88 | 3.15/3.48 | 4.08/4.61 | 4.75/4.34 | 3.81/3.08 | 2.49/1.88 | 0.95/-0.33 | -0.34/0.27 | 0.71/1.27 | 1.99/2.55 | 2.6/2.28 |
| Θ(15°) | 3.58/3.52 | 3.5/3.5 | 3.4/3.28 | 3.05/2.96 | 2.87/2.65 | 2.29/1.62 | 0.71/-0.25 | -0.34/0.07 | 1.01/1.96 | 2.47/2.86 | 3.35/3.71 | 3.69/3.27 | 2.84/2.63 | 2.9/2.99 | 2.81/2.52 | 2.14/2.55 | 2.83/2.56 | 2.22/1.96 | 1.66/1.12 | 0.44/-0.81 | -1.44/-1.3 | -0.31/0.96 | 2.09/2.81 | 2.88/3.08 |
| Θ(22.5°) | 3.87/4.21 | 4.02/4 | 4.11/4.18 | 3.94/3.53 | 3.03/2.85 | 2.56/2.2 | 1.8/1.79 | 2.28/2.71 | 3.3/3.91 | 4.46/4.55 | 4.64/4.61 | 4.04/3.44 | 2.71/2.13 | 1.78/1.72 | 1.64/1.72 | 1.64/1.78 | 1.79/1.94 | 1.82/1.52 | 1.15/0.91 | 0.5/-0.32 | -1.01/-1.33 | -0.63/0.67 | 1.84/1.75 | 1.91/2.94 |
| Θ(30°) | 2.44/2.73 | 2.8/3.17 | 3.62/4.29 | 4.26/3.73 | 3.32/2.88 | 2.97/3.4 | 3.41/3.16 | 3.01/3.25 | 3.87/4.52 | 4.94/5.08 | 5.12/4.54 | 4.01/3.04 | 2.08/1.05 | 0.69/0.94 | 1.47/1.47 | 1.66/2.14 | 2.42/2.39 | 1.87/1.38 | 1.18/0.9 | 0.45/-0.19 | -0.92/-0.85 | 0.04/0.74 | 1.53/1.31 | 0.95/1.67 |
| Θ(37.5°) | 2.28/1.89 | 1.05/1.05 | 2.77/4.2 | 4.73/4.33 | 4.08/4.52 | 4.98/5.06 | 4.57/3.69 | 3.3/3.43 | 3.84/3.9 | 3.62/3.54 | 3.49/2.9 | 1.52/0.68 | -0.64/-2.21 | -1.81/-0.22 | 0.7/1.06 | 1.44/1.96 | 2.02/1.78 | 1.14/0.52 | 1.01/1.9 | 2.09/0.98 | -1.01/-0.85 | 0.73/1.65 | 1.76/1.42 | 1.28/1.97 |
| Θ(45°) | 2.03/1.08 | -0.12/0.51 | 2.31/3.62 | 3.41/3.22 | 3.79/4.56 | 4.92/5.11 | 4.77/3.72 | 3.44/4.19 | 4.43/4.1 | 3.05/1.78 | 1.49/1.53 | -0.18/-2.76 | -3.66/-4.73 | -3.96/-2 | -0.15/0.46 | -0.25/0.63 | 2.25/2.26 | 1.26/0.43 | 0.93/1.9 | 2.37/1.94 | 0.71/0.52 | 1.74/2.34 | 2.1/0.97 | 0.22/1.27 |
| Θ(52.5°) | 0.83/-0.11 | -2.09/-2.04 | 0.17/1.51 | 1.76/1.89 | 2.24/2.97 | 4.65/5.46 | 5.18/3.61 | 2.49/3.27 | 3.93/3.9 | 2.49/-0.22 | -0.23/0.33 | -2.81/-4.23 | -5.6/-5.54 | -6.33/-4.66 | -1.69/-1.36 | -1.48/0.55 | 2.45/2.32 | 0.34/-0.72 | 0.06/1.63 | 1.63/1.44 | 1.1/1.3 | 2.6/2.95 | 2.93/0.94 | -0.43/0.7 |
| Θ(60°) | 0.01/-1.38 | -3.29/-2.96 | -1.26/-0.36 | 0.25/1.08 | 1.12/2.57 | 3.99/4.75 | 4.85/4.06 | 1.9/1.43 | 2.33/3.1 | 1.96/0.28 | 0.71/1.35 | -0.14/-1.84 | -3.46/-2.89 | -4.22/-2.46 | -0.88/-0.53 | -1.68/-0.28 | 1.91/2.08 | 1.08/0.88 | 1.47/1.62 | 1.67/1.36 | 0.93/0.98 | 2.82/3.48 | 3.52/1.55 | -1.23/0.41 |
| Θ(67.5°) | -0.54/-2.16 | -5.74/-5.54 | -3.3/-3.73 | -0.9/2.24 | 2.76/2.97 | 2.57/2.91 | 3.08/2.44 | 1.41/0.57 | 0.68/1.33 | 0.97/0.99 | 0.99/2.04 | 2.04/0.29 | -0.67/-2.15 | -1.81/-0.97 | -1.13/-2.15 | -2.76/-1.51 | 0.04/0.27 | 1.26/1.58 | 1.52/0.73 | 0.63/1.1 | 0.87/0.81 | 2.24/2.46 | 2.57/0.36 | -2.48/-1.41 |
| Θ(75°) | -2/-3.26 | -7.02/-8.45 | -6.45/-4.79 | 0.67/3.14 | 3.43/2.31 | 1.63/2.67 | 2.79/3.05 | 3.17/1.79 | -0.03/-0.34 | 0.2/0.42 | -0.19/0.6 | 2.21/0.6 | -0.32/-2.09 | -1.88/-2.28 | -1.82/-2.58 | -4.18/-3.1 | -4.21/-1.95 | 0.64/1.79 | 1.65/0.52 | -0.05/1.17 | 0.69/-0.33 | 0.44/1.27 | 1.79/0.16 | -2.04/-2.2 |
| Θ(82.5°) | -1.58/-2.24 | -3.21/-4 | -2.58/-0.48 | 1.76/2.89 | 2.79/-1.06 | -0.3/0.33 | 0.76/1.16 | 1.18/0.01 | -1.42/-2.56 | -1.93/-0.96 | -0.5/-1.52 | 0.8/-1.23 | -1.46/-2.13 | -2.79/-4.09 | -4.86/-6.27 | -8.1/-5.02 | -4.86/-2.37 | 0.52/0.28 | 0.36/0.21 | 0.42/1.95 | 1.84/1.08 | 0.22/-0.25 | 0.77/-1.17 | -4.49/-4.56 |
| Θ(90°) | -1.13/-0.75 | -0.54/-2.39 | -2.81/1.03 | 2.28/1.79 | -1.32/-2.73 | -0.92/-0.25 | -0.45/0.42 | -0.37/-4.65 | -4.76/-4.33 | -4.22/-2.92 | -1.38/-3.07 | -1.22/-3.19 | -2.6/-3.41 | -2.8/-4.31 | -4.58/-4.29 | -8.39/-6.1 | -3.32/-1.75 | -0.75/-0.34 | 0.93/0.62 | 0.73/2.02 | 1.9/2.35 | 1.06/-0.69 | -0.8/-1.06 | -3.35/-5.46 |
| Θ(97.5°) | -1/-1.27 | -0.2/-1.89 | -1.88/-0.12 | -0.82/-2.09 | -2.56/-1.82 | -2.24/-2.43 | -2.75/-2.39 | -1.28/-5.48 | -5.66/-3.49 | -1.83/0.01 | -0.79/-2.14 | -3/-3 | -2.38/-2.14 | -3.12/-3.15 | -3.66/-2.69 | -8.56/-4 | -0.66/-0.03 | -1.06/-1.12 | 0.16/0.26 | 0.01/1.11 | 0.66/2.56 | 2.21/0.74 | -0.19/-1.38 | -1.77/-2.81 |
| Θ(105°) | -1.96/-2.09 | -0.66/-1.69 | -3.11/-2.89 | -4.18/-3.22 | -1.94/-2.2 | -5.98/-6.71 | -5.7/-5.12 | -4.92/-3.41 | -4.25/-3.62 | -2.27/-0.04 | -0.31/-1.44 | -1.46/-2.11 | -2.29/-2.55 | -3.04/-2.61 | -2/-1.35 | -6.4/-5.6 | -3/-0.83 | -1.87/-2.56 | 0.44/-1.41 | -0.39/-0.76 | -0.93/1.16 | 0.11/-0.21 | -1.91/-2.97 | -2.27/-2.31 |
| Θ(112.5°) | -3.42/-2.36 | -2.03/-2.84 | -5.8/-4.83 | -3.63/-4.08 | -2.7/-3.67 | -5.5/-8.74 | -10.2/-7.16 | -7.15/-4.82 | -3.97/-3.78 | -3.57/-1.09 | -2.3/-1.85 | -1.98/-1.69 | -3.04/-3.23 | -4.15/-3.14 | -3.27/-3.33 | -7.85/-9.2 | -5.83/-1.83 | -2.41/-3.13 | -1.41/-3.33 | -0.67/-2.69 | -2.31/-0.41 | -0.99/0.34 | -1.66/-2.27 | -3.55/-3.01 |
| Θ(120°) | -3.58/-4.04 | -1.12/-2.24 | -2.01/-2.29 | -2.98/-3.29 | -4.09/-5.08 | -7.11/-9.96 | -10.96/-8.79 | -9.82/-7.06 | -5.09/-4.51 | -3.23/-1.18 | -3.08/-2.81 | -3.78/-3.94 | -5.28/-4.71 | -4.62/-3.67 | -5.56/-7.02 | -7.54/-9.95 | -8.55/-3.95 | -2.39/-3.05 | -2.9/-2.59 | -1.24/-2.82 | -2.65/-3.51 | -1.88/-0.24 | -2.77/-2.87 | -3.02/-3.06 |
| Θ(127.5°) | -2.7/-2.18 | -1.35/-0.31 | -0.6/-2.12 | -3.06/-3.58 | -4.14/-4.97 | -9.64/-12.08 | -10.61/-9.82 | -9.38/-10.18 | -8.7/-5.8 | -3.76/-2.06 | -3.68/-2.4 | -4.3/-3.36 | -6.64/-4.17 | -5.97/-5.85 | -8.09/-10.29 | -10.87/-9.17 | -8.4/-4.17 | -3.07/-3.36 | -4.36/-2.81 | -3.54/-4.2 | -4.29/-9.5 | -4.95/-3.65 | -6.21/-5.83 | -4.08/-2.99 |
| Θ(135°) | -2.24/-0.31 | -1.2/-1.22 | -0.58/-2.42 | -2.79/-3.01 | -3.86/-7.26 | -10.88/-12.57 | -11.51/-10.22 | -8.86/-10.99 | -12.46/-7.63 | -4.23/-4.17 | -3.86/-4.62 | -4.9/-3.92 | -5.37/-3.27 | -6.21/-7.02 | -9.69/-10.62 | -9.45/-8.85 | -8.93/-7.08 | -4.48/-3.28 | -4.7/-6.16 | -5.52/-4.49 | -5.25/-6.42 | -5.44/-5.34 | -5.37/-5.42 | -3.77/-2.95 |
| Θ(142.5°) | -1.8/-0.28 | 0.41/-0.44 | -1.18/-2.27 | -3.89/-5.16 | -6.57/-8.74 | -12.77/-11.87 | -9.88/-7.94 | -9.42/-10.1 | -10.6/-10.53 | -10.21/-6.31 | -3.53/-4.58 | -4.32/-5.51 | -3.64/-3.09 | -6.79/-10.04 | -12.05/-8.76 | -8.35/-8.36 | -7.35/-4.96 | -4.18/-4.92 | -6.86/-8.8 | -9.07/-6.94 | -5.67/-3.49 | -3.38/-4.37 | -3.57/-3.52 | -3.53/-1.97 |
| Θ(150°) | -1.99/-1.66 | -0.57/-1.02 | -2.59/-2.55 | -3.65/-5.59 | -6.77/-8.93 | -11.99/-11.9 | -10.9/-9.78 | -7.24/-7.37 | -8.62/-9.14 | -8.98/-8.22 | -8.56/-8.6 | -7.13/-6.13 | -5.05/-4.53 | -6.25/-7.65 | -8.9/-10.24 | -9.49/-9.58 | -10.85/-7.92 | -5.5/-5.72 | -6.79/-8.06 | -10.98/-9.88 | -6.07/-3.87 | -3.23/-2.97 | -2.71/-2.63 | -1.36/-0.4 |
| Θ(157.5°) | -3.41/-2.34 | -1.94/-2.33 | -3.43/-4.24 | -5/-7.39 | -10.12/-12.32 | -11.41/-11.01 | -11.58/-9.64 | -8.01/-7.14 | -6.27/-5.99 | -6.51/-6.83 | -6.09/-5.77 | -7.03/-7.48 | -6.28/-7.42 | -11.04/-10.26 | -7.84/-7.59 | -9.01/-9.96 | -11.06/-9.65 | -8.61/-8.22 | -7.88/-6.83 | -7.08/-7.65 | -7.55/-6.68 | -6/-5.06 | -4.33/-3.57 | -2.84/-2.79 |
| Θ(165°) | -4.19/-3.94 | -4.59/-5.71 | -6.9/-8.02 | -8.75/-9.93 | -11.3/-11.29 | -11.44/-10.96 | -11.59/-11.65 | -8.64/-6 | -3.88/-2.92 | -2.73/-3.48 | -5.03/-7.46 | -8.96/-8.34 | -7.96/-9.17 | -10.72/-11.46 | -9.42/-8.44 | -8.27/-8.54 | -9.31/-9.09 | -8.95/-8.79 | -8.58/-8.56 | -8.63/-8.28 | -7.4/-7.15 | -7.71/-7.37 | -6.03/-4.82 | -4.26/-3.71 |
| Θ(172.5°) | -8.3/-7.96 | -7.82/-7.81 | -8.23/-8.37 | -8.93/-9.09 | -9.39/-9.74 | -10.8/-11.64 | -11.18/-11.49 | -9.18/-7.22 | -6.79/-7.15 | -7.71/-7.87 | -7.4/-6.39 | -5.99/-6.07 | -5.92/-6.65 | -7.52/-8.78 | -9.68/-9.46 | -9.8/-10.11 | -10.38/-10.16 | -10.33/-10.09 | -9.64/-8.63 | -8.29/-9.53 | -9.87/-9.78 | -8.74/-7.45 | -7.18/-7.57 | -8.14/-7.55 |
| Θ(180°) | -8.26/-7.73 | -7.52/-6.97 | -7.06/-7.69 | -8.62/-8.21 | -8.55/-9.69 | -9.12/-8.91 | -8.72/-8.61 | -8.76/-9.41 | -8.66/-8.31 | -7.38/-6.13 | -5.51/-5.54 | -6.28/-7.09 | -7.93/-9.15 | -10.14/-10.45 | -9.98/-8.72 | -8.5/-8.32 | -8.69/-8.55 | -8.94/-8.49 | -8.67/-9.76 | -11.14/-11.22 | -9.69/-9.61 | -9.74/-9.93 | -10.88/-10.98 | -10.14/-8.75 |
| Freq(Hz) | 5.6G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | Φ(0°)/Φ(7.5°) | Φ(15°)/Φ(22.5°) | Φ(30°)/Φ(37.5°) | Φ(45°)/Φ(52.5°) | Φ(60°)/Φ(67.5°) | Φ(75°)/Φ(82.5°) | Φ(90°)/Φ(97.5°) | Φ(105°)/Φ(112.5°) | Φ(120°)/Φ(127.5°) | Φ(135°)/Φ(142.5°) | Φ(150°)/Φ(157.5°) | Φ(165°)/Φ(172.5°) | Φ(180°)/Φ(187.5°) | Φ(195°)/Φ(202.5°) | Φ(210°)/Φ(217.5°) | Φ(225°)/Φ(232.5°) | Φ(240°)/Φ(247.5°) | Φ(255°)/Φ(262.5°) | Φ(270°)/Φ(277.5°) | Φ(285°)/Φ(292.5°) | Φ(300°)/Φ(307.5°) | Φ(315°)/Φ(322.5°) | Φ(330°)/Φ(337.5°) | Φ(345°)/Φ(352.5°) |
| Θ(0°) | 2.54/2.35 | 2.87/3.7 | 4.32/4.42 | 4.52/4.65 | 4.78/4.75 | 4.56/4.23 | 4.06/3.8 | 3.7/3.77 | 3.96/4.25 | 4.26/4.15 | 3.93/3.71 | 3.23/2.6 | 1.84/1.79 | 2.51/3.29 | 3.91/4.45 | 4.8/5.11 | 5.13/4.96 | 4.7/4.59 | 4.28/3.65 | 3.2/3.35 | 3.85/4.31 | 4.57/4.53 | 4.27/4.03 | 3.87/3.58 |
| Θ(7.5°) | 0.57/-0.16 | 0.45/1.73 | 2.8/3.4 | 3.7/3.99 | 4.22/4.2 | 4.23/4.13 | 3.6/2.97 | 2.81/3.23 | 3.63/3.86 | 3.9/3.86 | 4.09/4.14 | 4.09/3.58 | 2.85/2.71 | 3.24/3.51 | 3.51/3.67 | 4/4.26 | 4.23/3.96 | 3.61/3.34 | 3.28/3.17 | 3.25/3.37 | 3.86/4.13 | 4.01/3.86 | 3.77/3.45 | 3.05/2.59 |
| Θ(15°) | 0.86/-1 | -0.72/0.35 | 1.07/1.61 | 2.04/2.33 | 2.57/2.5 | 2.48/2.46 | 2.53/2.39 | 2.08/1.8 | 2.06/2.52 | 2.94/3.12 | 3.21/3.33 | 3.33/3.1 | 2.66/2.36 | 2.32/2.41 | 2.66/2.88 | 3.06/3.23 | 3.31/3.32 | 3.09/2.72 | 2.4/2.39 | 2.73/3.15 | 3.49/3.67 | 3.63/3.24 | 2.75/2.69 | 2.56/1.79 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(22.5°) | 1.13/-0.33 | -0.71/-0.36 | 0.28/0.09 | 0.47/1.43 | 2.49/3.22 | 3.47/3.35 | 3.18/3.41 | 3.79/4.12 | 4.15/4.33 | 4.39/4.31 | 4.12/3.83 | 3.61/3.03 | 2.45/1.61 | 1.61/1.92 | 2.67/3.33 | 3.53/3.61 | 3.3/2.93 | 2.39/2.05 | 2.29/2.39 | 2.47/2.76 | 3.14/3.61 | 3.88/3.84 | 3.56/3.29 | 2.98/2.16 |
| Θ(30°) | 0.37/0.08 | 0.33/0.27 | 0.14/-0.11 | 0.9/2.12 | 2.93/3.18 | 3.01/3.15 | 3.04/2.49 | 2.55/3.19 | 3.86/4.34 | 4.55/4.9 | 4.98/5.04 | 4.87/4.52 | 3.72/3.51 | 3.94/4.53 | 4.9/4.77 | 3.96/3.19 | 2.37/2.31 | 1.83/1.26 | 0.99/0.78 | 1.55/2.64 | 3.48/4.33 | 4.82/4.8 | 4.11/3.56 | 2.63/1.48 |
| Θ(37.5°) | 2.07/2.16 | 2.96/3.62 | 4.37/4.84 | 4.84/4.62 | 4.05/3.27 | 2.33/1.64 | 1.34/1.32 | 0.78/0.02 | 0.99/2.57 | 3.42/4.41 | 5.2/5.42 | 5.18/4.87 | 5.12/5.84 | 6.25/6.33 | 5.82/4.83 | 4.13/3.4 | 2.12/0.28 | -1.3/-1.18 | -0.25/0.65 | 0.89/2.23 | 3.53/4.36 | 4.56/3.95 | 3.36/2.55 | 1.47/0.76 |
| Θ(45°) | 4.1/4.53 | 4.44/5.13 | 5.91/5.98 | 5.65/5.04 | 3.84/2.82 | 1.44/-0.58 | -1.51/-1.08 | -0.7/-0.6 | 0.04/1.28 | 1.76/2.08 | 3.97/5.11 | 4.96/4.32 | 4.8/6.09 | 6.51/6.62 | 5.97/4.2 | 3.03/1.66 | -1.37/-3.62 | -4.59/-5.19 | -5.28/-3.88 | -2.96/-1.88 | 0.09/1.85 | 3.38/3.7 | 3.02/2.64 | 2.08/2.14 |
| Θ(52.5°) | 3.72/4.88 | 5.04/5.46 | 5.56/4.85 | 4.47/4.1 | 2.74/1.54 | 0.46/-1.44 | -1.84/-1.2 | -1.06/-0.84 | 0.16/1.34 | 1.75/1.79 | 2.85/4.13 | 3.53/2.35 | 3.78/5.1 | 5.36/4.78 | 3.98/3.1 | 2.25/1.45 | 0.53/-0.57 | -2.67/-6.08 | -9.94/-10.63 | -4.99/-2.2 | -1.97/-1.38 | 0.15/1.88 | 2.82/2.94 | 2.54/2.06 |
| Θ(60°) | 4.81/5.09 | 3.87/4.3 | 3.91/3.47 | 3.58/3.1 | 2.66/1.89 | 0.64/-0.82 | 0.2/1.45 | 1.35/0.42 | 0.8/2.17 | 2.36/1.89 | 2.33/4.07 | 3.59/2.48 | 3.47/4 | 4.02/2.86 | 2.73/2.57 | 2.38/2.24 | 1/-1.67 | -3.01/-2.75 | -3.78/-5.96 | -5.47/-3.09 | -1.53/-2.09 | -0.31/2 | 3.07/2.87 | 2.68/3.5 |
| Θ(67.5°) | 3.04/4.01 | 3.13/2.56 | 2.4/1.89 | 2.4/3.85 | 3.46/1.73 | 2.29/3.32 | 3.5/3.11 | 3.45/3.95 | 2.66/2.87 | 2.93/2.59 | 1.76/3.59 | 3.28/3.24 | 4.23/2.58 | 0.75/-1.11 | 0.84/1.44 | 2.73/3.57 | 1.81/-0.89 | -2.32/-1.16 | -0.35/-1.63 | -1.56/0.56 | 1.44/0.62 | 0.44/2.04 | 2.68/2.32 | 1.62/2.46 |
| Θ(75°) | 3.49/3.94 | 2.53/2.6 | 2.72/2.8 | 3.41/3.77 | 2.31/2.18 | 1.04/0.11 | -1.26/-1.31 | 0.54/2.17 | 3.78/3.89 | 4.15/2.08 | 1.09/2.21 | 2.97/2.93 | 3.58/2.76 | 0.01/-2.53 | -1.55/0.32 | 2.49/3.53 | 3.3/2.36 | 0.89/1.08 | 2.12/2.28 | 1.71/2.53 | 3.28/2.25 | 2.28/2.41 | 2.58/2.11 | 1.98/2.35 |
| Θ(82.5°) | 3.03/2.81 | 1.77/2.89 | 2.35/1.33 | 2.39/2.88 | 1.94/0.29 | -0.9/0.55 | 1.83/1.7 | 0.98/1.09 | 0.79/2.36 | 2.87/0.68 | 1.05/2.59 | 2.92/2.88 | 2.89/2.38 | -0.22/-3.74 | -4.05/-0.64 | 1.86/3.8 | 2.92/3.05 | 3.84/2.58 | 2.15/2.78 | 3.27/3.86 | 4.26/2.64 | 3.33/2.89 | 1.51/1.65 | 1.36/1.6 |
| Θ(90°) | 2.26/2.11 | 2.39/3.13 | 1.96/0.58 | 1.77/1.71 | 0.59/-0.27 | -0.46/0.58 | 0.68/1.51 | 2.97/0.35 | -0.07/0.4 | 2.07/0.85 | 1.5/2.01 | 3.08/2.42 | 2.44/2.33 | 0.68/-3.89 | -4.82/-2.02 | 0.47/3.65 | 4.04/4.42 | 4.71/3.88 | 2.85/3.26 | 2.36/2.65 | 3.92/2.11 | 2.18/2.39 | 1.13/1.51 | 1.27/0.39 |
| Θ(97.5°) | 1.76/1 | 1.62/2.01 | 0.27/-0.6 | -0.16/-0.16 | -1.71/-2.57 | -2.1/-2.46 | -2.27/-1.79 | 1.63/2.19 | -1.8/-0.57 | 0.96/0.47 | 1.2/1.66 | 1.73/1.75 | 1.75/1.1 | -0.21/-3.94 | -4.52/-2.9 | -0.09/2.28 | 2.46/3.92 | 4.39/3.35 | 2.47/2.03 | 1.67/0.74 | 1.7/1 | 1.51/1.4 | 0.77/0.76 | 0.28/1.01 |
| Θ(105°) | 0.76/0.85 | 0.9/0.62 | -0.6/-0.99 | -0.56/-0.7 | -2.81/-5.25 | -4.4/-4.29 | -2.81/-2.08 | -0.57/0.82 | -1.64/-0.54 | -0.3/-0.63 | 0.47/1.11 | 1.36/0.44 | 1.37/0.33 | 0.02/-3.19 | -5.12/-4.82 | -1.7/-0.98 | 0.27/2.26 | 2.99/1.97 | 0.62/-0.26 | -0.25/0.13 | -1.2/-0.45 | -1.62/-0.53 | 0.41/-0.16 | -0.23/0.91 |
| Θ(112.5°) | 0.23/0.76 | 0.32/0.16 | -0.71/-1.22 | -0.82/-1.42 | -3.5/-5.65 | -5.2/-4.55 | -4.46/-4.3 | -2.87/0.34 | -0.62/-0.97 | -0.28/-0.91 | -1.91/-0.22 | -0.2/-0.41 | -0.55/-1.17 | -1.37/-5.68 | -4.75/-5.8 | -3.77/-1.86 | -0.6/1.94 | 2.12/0.38 | -1.13/-0.88 | -0.14/0.05 | -1.17/-1.92 | -3.04/-2.09 | -1.6/-1.34 | -0.48/0.18 |
| Θ(120°) | -1.62/0.34 | -0.06/-0.79 | -1.6/-1.64 | -1.95/-1.53 | -2.74/-3.78 | -6.02/-6.51 | -6.5/-6.44 | -6.21/-1.28 | -0.35/-0.75 | -1.26/-1.21 | -1.24/-0.76 | -1.47/-1.07 | -2.37/-3.27 | -3.66/-5.5 | -7.89/-6.08 | -3.62/-3.86 | -3.61/0.37 | -0.7/-4.09 | -3.65/-0.71 | -0.09/-0.85 | -0.65/-1.88 | -5.04/-5.1 | -2.62/-2.51 | -1.2/-0.83 |
| Θ(127.5°) | -2.84/-2.73 | -2.28/-1.85 | -1.64/-1.51 | -1.79/-3.68 | -2.59/-2.89 | -6.43/-8.66 | -5/-4.08 | -5.35/-4.86 | -2.65/-2.78 | -2/-2.53 | -2.27/-2.62 | -1.34/-2.92 | -3.02/-3.66 | -3.87/-6.42 | -6.77/-5.24 | -4.19/-5.5 | -7.3/-5.1 | -3.36/-5.78 | -6.85/-5.72 | -3.76/-2.68 | -1.47/-2.23 | -4.46/-5.26 | -3.59/-2.98 | -2.34/-2.08 |
| Θ(135°) | -3.5/-3.49 | -2.9/-2.41 | -2.06/-2.9 | -2.1/-1.83 | -3.07/-4.08 | -7.09/-8.2 | -5.02/-2.7 | -3.6/-4.17 | -5.17/-3.47 | -2.41/-3.06 | -3.58/-2.94 | -2.29/-2.67 | -3.72/-4.57 | -5.79/-7.38 | -10.61/-7.74 | -5.87/-5.18 | -7.87/-9.59 | -6.51/-9.34 | -10.16/-7.67 | -3.24/-2.08 | -1.36/-2.66 | -4.14/-4.91 | -6.01/-5.33 | -3.06/-2.69 |
| Θ(142.5°) | -6.38/-4.61 | -4.81/-4.19 | -3.43/-4.21 | -2.2/-1.55 | -1.41/-3.23 | -8.15/-5.7 | -3.31/-4.07 | -5.37/-4.98 | -5.71/-5.36 | -4.05/-3.83 | -4.01/-4.13 | -4.06/-5.58 | -7.79/-7.57 | -7.77/-9.64 | -11.74/-8.98 | -7.47/-8.98 | -10.14/-8.01 | -8.41/-9.67 | -9.95/-8.51 | -5.67/-4.05 | -2.77/-3.46 | -4.34/-6.34 | -7.14/-7.46 | -7.48/-7.07 |
| Θ(150°) | -6.05/-5.84 | -4.96/-5.21 | -5.17/-3.96 | -3.82/-2.89 | -3.5/-4.9 | -7.22/-8.08 | -6.19/-3.73 | -3.68/-4.9 | -6.28/-7.73 | -7.29/-7.07 | -7.04/-6.17 | -6.19/-7.43 | -7.78/-7.23 | -8.33/-8.92 | -7.02/-7.13 | -11.46/-6.91 | -2.54/-2.47 | -6.29/-10.18 | -10.36/-8.52 | -6.49/-5.05 | -4.01/-3.9 | -4.27/-6.19 | -6.19/-4.39 | -4.83/-5.59 |
| Θ(157.5°) | -8.4/-9.16 | -8.3/-6.04 | -4.91/-4.65 | -4.38/-5.39 | -6.81/-6.63 | -6.2/-6.29 | -5.68/-4.33 | -3.08/-3.42 | -4.82/-6.07 | -6.03/-7.25 | -9.22/-9.92 | -9.34/-9.11 | -8.92/-8.48 | -8.69/-9.92 | -10.54/-10.48 | -8.74/-5.45 | -4.39/-7.27 | -10.51/-11.22 | -11.73/-8.01 | -6.35/-5.66 | -5.33/-6.47 | -7.63/-7.73 | -6.98/-6.24 | -6.58/-6.98 |
| Θ(165°) | -9/-8.67 | -6.84/-6.47 | -6.61/-6.78 | -7.32/-8.22 | -9.2/-8.51 | -8.23/-7.9 | -5.2/-3.34 | -2.4/-2.92 | -3.77/-4.39 | -5.34/-6.14 | -7.07/-7.99 | -8.68/-9.16 | -7.63/-7.05 | -7.59/-8.8 | -8.59/-8.66 | -8.51/-8.87 | -9.62/-10.09 | -10.68/-12.39 | -12.18/-10.87 | -9.95/-9.62 | -8.85/-7.84 | -8.26/-7.85 | -7.25/-7.38 | -7.99/-7.67 |
| Θ(172.5°) | -10.76/-9.94 | -9.55/-9.41 | -10.28/-10.56 | -11.09/-10.36 | -8.52/-8.68 | -9.31/-9.14 | -6.94/-5.15 | -4.99/-5.58 | -6.43/-7.46 | -9.25/-10.98 | -11.83/-11.96 | -11.96/-12.49 | -12.1/-10.72 | -9.71/-8.92 | -8.98/-8.65 | -8.65/-8.7 | -8.68/-9 | -10.11/-10.77 | -11.31/-12.24 | -11.07/-9.38 | -8.97/-9.62 | -10.09/-10.78 | -11.19/-10.88 | -10.64/-10.48 |
| Θ(180°) | -12.28/-12.1 | -11.46/-11.2 | -11.77/-11.09 | -9.81/-9.06 | -8.86/-8.59 | -8.11/-7.58 | -7.32/-7.73 | -8.36/-8.94 | -9.33/-9.33 | -9.29/-9.13 | -9.35/-9.78 | -10.39/-10.57 | -10.86/-11.08 | -10.61/-10.33 | -9.82/-9.51 | -9.8/-8.87 | -8.27/-7.92 | -8.76/-8.48 | -8.61/-8.31 | -8.42/-9.08 | -9.16/-9.51 | -10.38/-11.35 | -11.82/-11.81 | -11.73/-12.79 |
| Freq(Hz) | 5.6G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 4.02/3.38 | 3.07/3.12 | 3.3/3.7 | 3.91/3.9 | 3.66/3.14 | 2.78/2.35 | 1.23/0.27 | 0.89/2.19 | 2.89/3.18 | 3.59/4.04 | 4.32/4.46 | 4.32/4.27 | 4.28/4.26 | 4.08/3.93 | 3.99/4.04 | 4.44/4.61 | 4.57/4.21 | 3.69/3.12 | 2.85/2.71 | 3.2/3.73 | 4.26/4.81 | 5.13/5.33 | 5.41/5.21 | 4.82/4.48 |
| Θ(7.5°) | 4.46/4.59 | 4.52/4.59 | 4.48/4.19 | 4.1/4.1 | 3.8/3.26 | 2.68/2.37 | 1.73/1.09 | 1.52/2.93 | 4.03/4.53 | 4.93/5.22 | 5.34/5.17 | 4.87/4.47 | 4.1/3.47 | 3.17/3.33 | 3.8/4.11 | 4.26/4.27 | 4.23/3.97 | 3.27/2.38 | 1.38/0.71 | 0.84/1.5 | 2.36/3.12 | 3.62/3.97 | 4.2/4.25 | 4.36/4.49 |
| Θ(15°) | 3.42/3.83 | 4.02/3.9 | 3.81/3.68 | 3.24/3.03 | 2.69/2.2 | 1.58/1.17 | 0.72/0.53 | 1.06/1.92 | 2.87/3.81 | 4.7/5.19 | 5.31/5.17 | 4.93/4.53 | 4.28/3.74 | 3.01/2.82 | 3.14/3.52 | 3.49/3.58 | 3.5/3.51 | 3.01/2.27 | 1.17/-0.5 | -1.69/-1.4 | -0.24/0.96 | 1.89/2.48 | 2.92/3.14 | 3.36/3.66 |
| Θ(22.5°) | 1.3/1.32 | 1.6/2.17 | 2.85/3.13 | 3.47/3.58 | 2.94/2.18 | 1.12/0.76 | 0.91/0.87 | 2.08/3.46 | 4.28/4.68 | 4.93/5.25 | 5.33/5.04 | 4.51/4.19 | 4.07/3.94 | 3.8/3.36 | 3.06/2.83 | 2.71/3.01 | 3.49/3.85 | 3.63/2.97 | 1.88/0.11 | -2.25/-3.15 | -1.85/-0.46 | 0.51/1.45 | 1.95/2.35 | 2.45/2.3 |
| Θ(30°) | 0.83/1.22 | 1.56/2.32 | 3.23/4.31 | 4.77/5.02 | 4.35/3.46 | 2.97/2.71 | 1.76/0.53 | 1.8/3.51 | 4.59/5.29 | 5.6/5.6 | 5.29/4.89 | 4.28/3.77 | 3.47/3.55 | 3.56/3.38 | 3.11/2.81 | 2.84/3.1 | 3.04/3.17 | 3.23/2.91 | 1.91/0.35 | -1.03/-1.38 | -0.28/0.63 | 1.04/1.26 | 0.75/-0.62 | -0.45/0.71 |
| Θ(37.5°) | 1.13/1.84 | 2.55/2.62 | 3.53/4.56 | 4.98/5.35 | 5.16/4.99 | 4.51/3.8 | 2.71/1.98 | 1.38/2.27 | 3.09/4 | 4.75/4.61 | 3.7/2.45 | 1.86/1.04 | -0.05/0.4 | 1.01/0.78 | 1.57/2.75 | 2.57/2.46 | 1.7/0.45 | -0.45/-0.06 | 0.6/0.84 | 0.51/-0.21 | -0.35/0.73 | 1.2/0.71 | -1.37/-3.18 | -2.3/-0.04 |
| Θ(45°) | 1.09/2.34 | 2.68/2.84 | 3.7/4.65 | 5.09/5.06 | 4.22/3.67 | 3.25/3.65 | 4.06/3.93 | 3.48/3.09 | 3.07/2.63 | 1.83/1.91 | 1.3/-0.32 | -0.71/-0.45 | -1.95/-2.75 | -1.42/-0.51 | 0.71/1.47 | 1.35/1.48 | 1.02/0.47 | 0.1/1.21 | 2.27/2.03 | 1.57/1.55 | 1.14/0.09 | -0.44/-1.02 | -1.81/-2.37 | -2.04/-0.47 |
| Θ(52.5°) | 1.69/2.1 | 1.64/1.81 | 3.11/3.59 | 2.87/2.04 | 0.62/0.71 | 1.9/3.76 | 4.32/4 | 3.52/3.18 | 3.34/3.32 | 0.24/-0.51 | -0.17/-2.96 | -3.92/-2.62 | -2.9/-6.26 | -5.44/-3.42 | -1.88/-1.8 | -0.29/1.58 | 1.77/0.68 | 1.15/1.91 | 2.48/2.12 | 1.95/2.07 | 1.85/0.83 | -1.65/-3.02 | -3.05/-1.69 | -0.71/0.58 |
| Θ(60°) | 1.25/0.9 | 0.56/1.63 | 2.83/2.2 | -0.28/-2.75 | -2.76/-0.7 | 1.97/4.23 | 4.56/3.28 | 2.02/2.21 | 1.35/2.55 | 1.28/-1.73 | -0.37/-1.06 | -3.65/-2.01 | -1.62/-2.83 | -4.25/-2.92 | -3.66/-4.86 | -1.91/0.16 | 0.72/1.25 | 1.1/1.01 | 1.12/1.97 | 1.69/1.82 | 2.19/1.1 | -0.43/-2.34 | -2.15/-1.39 | 0.1/0.66 |
| Θ(67.5°) | 0.61/-0.82 | -0.05/-0.07 | 0.57/-1.63 | -4.63/-2.34 | -0.47/-0.1 | -0.12/1.46 | 1.93/1.29 | 0.86/1.63 | 0.12/1.38 | 1.54/-0.11 | 1.57/0.62 | -0.48/0.87 | 0.3/-0.52 | -3.03/-1.79 | -3.78/-4.2 | -3.18/-1.74 | 0.95/1.52 | 0.36/0.35 | 0.53/0.65 | 0.22/1.31 | 1.47/0.44 | 0.32/-0.72 | -1.87/-1.99 | -1.25/0.54 |
| Θ(75°) | -1.09/-1.81 | -1.73/-2.89 | -0.61/-2.91 | -1.32/1.07 | 2.43/1.08 | -0.93/0.64 | 3.21/3.17 | 2.28/2.48 | 0.78/1.02 | 0.32/-1.52 | 1.02/0.56 | 0.21/0.93 | 0.68/-1.08 | -2.15/-1.38 | -3.18/-4.45 | -5.24/-2.78 | 0.24/0.19 | -1.3/-0.83 | 1.03/-0.01 | -1.15/0.57 | 1.29/0.12 | -0.26/-1.3 | -2.15/-1.77 | -2.36/-2.11 |
| Θ(82.5°) | -2.55/-2.91 | -3.45/-2.75 | -0.07/-0.12 | 0.41/2.28 | 2.19/-2.01 | -1.81/0.56 | 1.76/0.19 | -1.21/-0.51 | -0.87/-0.13 | -0.6/-0.91 | -0.08/-1.41 | -0.78/-0.9 | -1.44/-2.14 | -1.57/-2.65 | -4.92/-6.82 | -7.99/-2.1 | -0.08/-1.76 | -1.55/-0.32 | 1.65/0.57 | -1.25/0.65 | 1.66/-0.44 | -1.15/-2.4 | -3.29/-1.82 | -2.06/-3.42 |
| Θ(90°) | -0.86/-0.59 | -0.84/-0.89 | 0.33/0.76 | -0.32/1.33 | -0.18/-2.51 | -2.32/-0.7 | 0.31/-0.58 | -1.87/-2.45 | -2.74/-2.22 | -3.32/-2 | -0.84/-2.92 | -1.55/-1.23 | -1.79/-2.99 | -1.97/-3.06 | -4.34/-6.67 | -5.78/-3.46 | -1.88/-1.58 | -1.48/-2.11 | 1.51/0.99 | 0.1/0.59 | 2.38/0.45 | -2.63/-2.38 | -2.67/-2.95 | -3.42/-4.63 |
| Θ(97.5°) | -0.64/1.54 | 0.2/-1.4 | -0.74/-0.55 | -1.91/-1.54 | -1.78/-1.61 | -1.88/-3.51 | -1.7/-1.32 | -1.21/-0.31 | -2.4/-2.03 | -3.05/-3.19 | -1.5/-2.4 | -2.82/-1.79 | -2.81/-1.79 | -1.3/-2.45 | -3.95/-3.78 | -5.23/-6.41 | -4.29/-1.24 | -1.61/-3.04 | 0.31/-0.35 | -0.47/0.2 | 1.74/0.81 | -2.03/-1.67 | -2.26/-2.35 | -1.91/-3.06 |
| Θ(105°) | -0.56/0.92 | -0.32/-0.67 | -2.02/-2.59 | -4.96/-3.14 | -1.76/-1.17 | -3.74/-7.63 | -4.69/-2.48 | -2.7/-0.95 | -1.32/-3.92 | -2.84/-2.11 | -0.66/-1.86 | -2.73/-1.98 | -1.36/-2.78 | -2.2/-2.69 | -1.81/-3.55 | -3.56/-6.41 | -4.33/-2.42 | -3.46/-2.86 | -0.24/-2.26 | -1.75/-0.5 | 0.05/-1.18 | -1.62/-2.47 | -2.38/-2.99 | -1.32/-0.59 |
| Θ(112.5°) | -3.56/-0.96 | -1.2/-1.46 | -3.18/-3.81 | -3.26/-1.15 | -2.04/-2.78 | -6.48/-8.88 | -8.72/-6.63 | -5.07/-2.55 | -3.17/-3.69 | -3.92/-2.48 | -2.28/-1.17 | -1.59/-2.89 | -1.67/-4.1 | -2.54/-5.2 | -3.72/-4.63 | -8.37/-8.3 | -3.83/-3.39 | -4.49/-3.61 | -1.56/-2.49 | -1.86/-2.96 | -1.94/-2.2 | -2.39/-1.2 | -1.78/-2.54 | -1.46/-1.88 |
| Θ(120°) | -3.54/-2.46 | -2.18/-1.95 | -3.21/-2.35 | -2.21/-3.06 | -4.11/-3.77 | -9.83/-9.91 | -10.75/-9.05 | -7.19/-5.78 | -4.14/-4.55 | -2.83/-2.13 | -3.67/-3.15 | -2.92/-4.63 | -4.09/-8.43 | -4.65/-6.24 | -5.57/-7.51 | -9.69/-11.8 | -5.87/-4.24 | -4.59/-3.37 | -2.96/-2.21 | -1.56/-2.88 | -2.8/-4.46 | -2.48/-0.63 | -2.95/-1.31 | -0.4/-2.22 |
| Θ(127.5°) | -0.94/-1.27 | -1.14/-0.61 | -0.48/-1.23 | -3.02/-3.79 | -5.31/-4.74 | -7.55/-10.38 | -12.42/-10.03 | -9.45/-11.87 | -9.36/-4.66 | -4.48/-2.41 | -4.79/-3.95 | -3.05/-4.69 | -6.38/-7.61 | -7.13/-6.42 | -10.34/-9.44 | -9.9/-11.77 | -7.35/-4.07 | -4.19/-5.16 | -4.47/-3.28 | -2.75/-4.6 | -6.88/-7.71 | -3.62/-2.72 | -5.73/-3.45 | -2.97/-2.18 |
| Θ(135°) | -0.56/0.58 | 0.24/-0.29 | -0.75/-2.57 | -3.29/-4.19 | -4.72/-7.54 | -10.55/-12.85 | -11.52/-11.62 | -10.91/-10.4 | -8.86/-7.21 | -4.31/-3.19 | -2.65/-3.79 | -5.74/-5.15 | -6.18/-5.18 | -8.27/-9.42 | -10.54/-12.42 | -9.24/-6.02 | -8.77/-7.72 | -6.43/-6.33 | -4.63/-5.2 | -4.28/-6.17 | -7.09/-5.19 | -4.2/-4.61 | -4.67/-4.89 | -5.96/-3.63 |
| Θ(142.5°) | -0.45/0.1 | -0.46/-1.81 | -2.52/-3.59 | -3.24/-3.8 | -5.05/-7.15 | -9.63/-11.69 | -10.88/-9.5 | -8.44/-9.12 | -12.12/-10.74 | -10.56/-7.47 | -3.57/-5.22 | -2.79/-5.28 | -7.77/-5.5 | -7.84/-8.09 | -10.41/-10.51 | -9.08/-9.28 | -7.52/-7.73 | -5.88/-4.45 | -6.32/-9.79 | -9.39/-8.13 | -5.23/-3.56 | -3.19/-2.11 | -3.07/-3.42 | -2.85/-1.13 |
| Θ(150°) | -2.26/-1.44 | -0.8/-1.94 | -2.75/-2.26 | -4.02/-5.15 | -7.77/-9.06 | -10.93/-12.11 | -12.03/-12.15 | -10.94/-8.89 | -7.59/-8.33 | -8.35/-8.11 | -8.28/-6.47 | -5.97/-7.14 | -6.46/-5.51 | -7.86/-10.62 | -9.84/-9.18 | -8.36/-7.99 | -10.17/-11.69 | -7.18/-6.05 | -7.87/-8.74 | -10.29/-8.27 | -5.65/-4.2 | -3.86/-2.74 | -2.6/-2.53 | -1.06/-0.82 |
| Θ(157.5°) | -2.77/-2.69 | -2.95/-3.87 | -4.22/-4.53 | -5.66/-7.62 | -8.53/-10.37 | -11.36/-12.37 | -11.7/-9.88 | -7.45/-6.98 | -7.61/-8.74 | -7.83/-5.54 | -3.66/-3.34 | -5.29/-6.46 | -5.57/-7.09 | -9.69/-9.38 | -9.54/-10.25 | -8.75/-9.1 | -9.26/-9.43 | -7.85/-6.66 | -7.11/-7.81 | -9.81/-10.11 | -8.38/-6.39 | -5.31/-4.39 | -3.15/-1.6 | -0.87/-2.23 |
| Θ(165°) | -3.86/-4.62 | -5.11/-6.23 | -7.22/-7.18 | -7.41/-8.1 | -9.85/-10.85 | -12.26/-12.34 | -12.5/-11.31 | -8.73/-6.94 | -5.62/-4.34 | -3.65/-3.39 | -4.24/-5.29 | -7.11/-7.96 | -8.46/-8.88 | -8.99/-9.19 | -9.77/-10.2 | -9.8/-10.73 | -10.08/-10.01 | -9.74/-9.65 | -10.26/-9.8 | -9.51/-8.69 | -8.8/-9 | -9.33/-7.98 | -6.5/-5.43 | -4.29/-3.87 |
| Θ(172.5°) | -8.49/-8.65 | -8.87/-8.75 | -9.3/-9.9 | -10.03/-9.47 | -9.22/-9.63 | -10.19/-11.18 | -11.74/-12.25 | -9.23/-7.31 | -6.63/-6.78 | -6.88/-7.14 | -6.48/-6.16 | -5.96/-5.99 | -6.23/-6.85 | -8.12/-8.91 | -8.53/-8.33 | -9.17/-9.18 | -9.88/-10.03 | -9.67/-10.03 | -10.59/-10.17 | -9.59/-10.28 | -12.33/-11.58 | -9.81/-7.55 | -6.6/-6.76 | -7.44/-6.95 |
| Θ(180°) | -10.48/-9.83 | -9.48/-8.74 | -8.53/-8.88 | -10.15/-10.79 | -11.51/-11.88 | -11.27/-10.02 | -9.03/-8.37 | -8.11/-8.77 | -9.03/-8.99 | -7.63/-6.59 | -6.08/-6.29 | -6.86/-7.84 | -9.31/-9.99 | -9.89/-10.01 | -10.1/-10.32 | -10.44/-10.91 | -10.46/-11.07 | -10.98/-10.51 | -9.76/-9.71 | -11.09/-11.2 | -9.32/-7.9 | -7.13/-7.1 | -8.05/-9.54 | -9.76/-9.66 |
| Freq(Hz) | 5.785G/Pol. | Phi/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 1.57/1.77 | 2.56/3 | 3.47/3.82 | 4.06/4.23 | 4.22/4.09 | 3.79/3.31 | 2.91/2.72 | 2.72/3.15 | 3.37/3.48 | 3.6/3.23 | 3.21/2.67 | 2.23/1.53 | 1.04/0.95 | 1.73/2.87 | 3.44/4.05 | 4.38/4.5 | 4.49/4.3 | 4.09/3.94 | 3.49/2.95 | 2.63/2.71 | 2.9/3.09 | 3.21/3.15 | 3.19/2.99 | 2.69/2.23 |
| Θ(7.5°) | -0.49/-0.57 | -0.29/0.31 | 1.21/2.06 | 2.88/3.42 | 3.75/3.92 | 4.2/4.21 | 3.69/2.8 | 2.14/2.46 | 2.88/2.99 | 3.08/3.26 | 2.95/3.08 | 2.78/2.15 | 1.6/1.54 | 2.17/2.47 | 2.66/2.74 | 2.89/2.71 | 2.39/2.22 | 2.04/2.06 | 1.97/2.08 | 2.37/2.76 | 2.96/3.17 | 3.25/3.27 | 3/2.61 | 2/1.25 |
| Θ(15°) | 0.8/-0.51 | -1.29/-0.46 | -0.14/0.02 | 0.49/1.52 | 2.26/2.68 | 2.93/2.87 | 2.88/2.37 | 1.05/0.12 | 0.64/1.73 | 2.44/2.94 | 2.97/2.86 | 2.28/1.23 | 0.78/0.58 | 0.66/1.1 | 1.96/2.5 | 2.53/2.42 | 2.14/1.94 | 1.96/1.93 | 1.98/1.94 | 2.2/2.49 | 2.96/3.08 | 3.09/3.22 | 2.99/2.42 | 2.05/1.29 |
| Θ(22.5°) | 1.97/0.61 | -0.88/-1 | -0.52/-0.62 | -0.95/-0.21 | 0.7/1.62 | 2.27/2.42 | 2.34/1.97 | 1.46/1.09 | 1.71/2.6 | 3.16/3.27 | 2.64/1.7 | 0.67/0.8 | 0.83/0.89 | 1.26/1.68 | 2.38/3.15 | 3.53/3.53 | 3.58/3.39 | 3.04/2.73 | 2.47/2.38 | 2.7/3.17 | 3.25/3.27 | 3.29/3.07 | 2.65/2.37 | 2.43/2.12 |
| Θ(30°) | 1.37/0.46 | -0.87/-1.23 | -1.9/-2.32 | -1.14/0.49 | 2.03/2.99 | 3.14/2.65 | 2.3/1.92 | 1.46/1.51 | 2.67/3.55 | 4.15/4.28 | 3.85/2.92 | 2.05/2.03 | 2.55/3.08 | 3.14/2.98 | 3.6/4.04 | 3.87/3.08 | 2.59/2.48 | 2.51/2.38 | 1.8/1.73 | 1.9/2.42 | 2.8/3.31 | 3.53/3.16 | 2.62/2.29 | 2.84/2.67 |
| Θ(37.5°) | 2.43/2.72 | 2.67/2.39 | 2.22/2.31 | 3.25/3.65 | 3.75/3.07 | 2.32/2.13 | 1.85/1.03 | -0.05/-0.93 | -0.53/0.81 | 2.05/2.95 | 3.47/3.72 | 3.42/3.65 | 4.44/5.06 | 5.11/4.89 | 4.98/5.03 | 3.96/2.5 | 1.42/1.02 | 0.79/0.16 | -0.31/-0.56 | -0.07/1.01 | 1.91/2.59 | 2.92/3.02 | 2.15/0.3 | 0.41/1.23 |
| Θ(45°) | 4.83/4.86 | 4.28/4.28 | 4.71/5.18 | 5.23/4.8 | 3.95/3.08 | 2.03/1.02 | 0.56/-0.08 | -0.8/-1.4 | -2.19/-2.01 | -0.46/1.2 | 2.96/4 | 4.35/3.54 | 3.71/4.9 | 5.43/4.59 | 4.35/4.01 | 3.47/1.99 | -1.25/-2.76 | -3.32/-2.52 | -1.84/-1.11 | -0.38/0.13 | 1.37/2.57 | 2.48/1.71 | 1.1/0.19 | 0.14/2.11 |
| Θ(52.5°) | 5.39/5.6 | 4.61/4.37 | 4.38/4.44 | 4.06/3.26 | 2.59/1.54 | 0.2/-0.64 | -0.44/-0.29 | -1.24/-1.76 | -1.32/-0.53 | 0.38/1.53 | 3.11/4.32 | 4.53/3.01 | 2.87/4.24 | 4.52/3.82 | 2.48/2.08 | 1.4/-0.71 | -1.88/-2.65 | -4.75/-6.4 | -4.93/-4.1 | -4.41/-4.09 | -1.82/1.16 | 2.28/1.71 | 0.77/1.28 | 1.24/2.74 |
| Θ(60°) | 5.3/5.29 | 4.53/4.08 | 2.43/2.02 | 2.44/1.99 | 1.56/1.21 | 0.34/-0.41 | -0.51/-0.58 | -1.58/-2.35 | -1.55/0.13 | 0.38/1.21 | 2.38/3.7 | 4.44/3.14 | 3.33/4.01 | 3.55/2.03 | 0.86/1.38 | 0.86/0.22 | -1.16/-1.98 | -2.61/-4.09 | -7.96/-7.42 | -4.08/-2.89 | -3.52/-1.83 | 1.33/2.06 | 1.2/0.46 | 2.3/3.99 |
| Θ(67.5°) | 3.94/4.66 | 3.75/2.56 | 0.44/0.38 | 0.98/2.13 | 1.41/-0.1 | 0.53/3.02 | 3.82/3.41 | 2.84/2.43 | 0.88/1.85 | 2.29/0.72 | 1.66/2.54 | 3.34/3.36 | 4.37/2.45 | -0.15/-2.55 | -1.4/0.35 | 1.2/1.86 | 0.35/-2.06 | -2.11/-2.46 | -4.18/-5.17 | -2.66/-1.1 | -0.41/0.09 | 2.38/2.34 | 0.49/0.21 | 1.98/3.05 |
| Θ(75°) | 3.58/4.68 | 2.96/1.29 | 0.72/0.68 | 0.75/2.56 | 1.34/-0.44 | 0.22/0.49 | -0.69/-0.99 | 0.28/1.83 | 2.12/2.27 | 3.33/1.06 | -0.1/1.89 | 3.15/2.52 | 4.03/3.2 | -0.93/-3.43 | -2.72/-0.58 | 2.12/2.72 | 2.31/-0.46 | -1.14/-0.39 | -0.2/-0.36 | -0.24/0.97 | 0.72/1.71 | 3.31/2.72 | 0.66/0.94 | 1.76/2.5 |
| Θ(82.5°) | 2.92/3.67 | 1.67/2.47 | 1.81/0.27 | 0.46/2.22 | 0.87/-1.81 | -0.57/1.33 | 2.18/1.86 | 0.14/-0.48 | -1.07/1.23 | 2.08/-1.14 | -0.38/1.71 | 2.89/1.45 | 3.16/2.63 | -0.55/-4.37 | -3.64/-0.5 | 1.37/2.63 | 2/0.79 | 0.86/1.61 | 1.09/1 | 1.21/2.23 | 2.04/2.23 | 3.8/1.8 | -0.13/0.98 | 1.04/1.37 |
| Θ(90°) | 2.35/2.7 | 2.02/2.49 | 1.63/-0.55 | -0.31/0.52 | -0.1/-1.7 | -0.97/1.13 | 1.42/1.59 | 2.05/-0.73 | -1.82/-1.09 | 0.25/-1.47 | -0.68/0.89 | 2.49/0.96 | 1.76/2.75 | 0.55/-4.12 | -3.82/-0.24 | 1.31/3.36 | 3.16/2.6 | 2.62/2.89 | 2.55/2.32 | 1.08/1.55 | 1.16/1.16 | 3/1.89 | 0.36/0.77 | 0.31/0.41 |
| Θ(97.5°) | 1.38/0.82 | 1.52/1.57 | -0.18/-2.15 | -1.61/-0.78 | -1.35/-3.24 | -1.99/-1.12 | -1.29/-1.13 | 0.88/0.12 | -2.53/-2.16 | -1.3/-1.4 | -0.73/-0.62 | 1.1/0.22 | 1.3/2.6 | -0.38/-5.55 | -4.69/-2.04 | 0.32/3.02 | 2.37/2.9 | 3.09/2.9 | 2.13/1.43 | 0.41/-0.91 | -0.12/-0.12 | 1.08/0.15 | -0.51/0.34 | -0.38/0.39 |
| Θ(105°) | 0.24/0.38 | 1.45/1.52 | 0.36/-1.65 | -2/-2.42 | -3.09/-5.01 | -5.09/-2.95 | -3.09/-2.57 | -1.13/0.35 | -2.37/-0.77 | -1.08/-1.41 | -0.41/-1.14 | 0.28/-0.56 | 0.06/0.91 | -0.2/-3.73 | -5.96/-3.8 | -2.01/-0.36 | 0.7/1.75 | 2.53/1.12 | -0.16/-0.36 | -0.1/-1.22 | -1.79/-1.72 | -2.67/-1.27 | -0.36/-0.33 | -0.88/0.66 |
| Θ(112.5°) | -0.9/-0.31 | 0.3/-0.32 | -0.95/-2.4 | -4.05/-3.12 | -4.53/-5.73 | -4.45/-2.8 | -5.9/-4.45 | -1.77/-0.81 | -1.71/-0.3 | -0.54/-1.88 | -0.82/-0.74 | -1.01/-0.36 | -1.22/-1.13 | -1.77/-5.02 | -8.7/-5.93 | -4.03/-2.93 | -0.94/2.03 | 2.22/0.11 | -1.7/-0.59 | -0.08/-0.09 | -2.02/-2.45 | -3.59/-2.34 | -2.13/-1.02 | -0.93/-1.22 |
| Θ(120°) | -1.5/-0.88 | -1.32/-1.22 | -2.92/-3.06 | -3.66/-3.53 | -3.39/-4.68 | -6.07/-5.47 | -5.47/-6.12 | -6.28/-2.47 | -0.91/-0.33 | -1.43/-2.03 | -0.71/-0.66 | -1.95/-2.26 | -2.88/-2.71 | -2.65/-4.5 | -7.2/-8.87 | -4.25/-3.96 | -4.81/0.83 | -0.78/-3.28 | -3.62/-2.14 | -2.57/-2.1 | -1.21/-2.74 | -5.13/-3.11 | -2.93/-2.74 | -1.38/-0.79 |
| Θ(127.5°) | -4.44/-1.52 | -2.78/-3.34 | -3.85/-2.64 | -2.37/-3.61 | -2.44/-3.23 | -6.41/-6.55 | -3.6/-4.75 | -6.03/-4.15 | -2.08/-2.49 | -2.26/-3.24 | -2.29/-2.35 | -2.53/-3.92 | -4.28/-3.52 | -3.74/-8.04 | -6.18/-5.47 | -5.37/-5.12 | -6.5/-3.54 | -4.68/-7.11 | -6.54/-6.31 | -3.55/-2.48 | -1.78/-1.64 | -4.31/-3.88 | -4.41/-2.89 | -2.07/-2.53 |
| Θ(135°) | -4.69/-2.96 | -3.17/-3.21 | -3.51/-3.19 | -3.2/-2.16 | -3.3/-4.23 | -6.64/-8.53 | -5.92/-4.22 | -4.79/-5.22 | -6.5/-3.53 | -2.62/-3.12 | -3.58/-2.84 | -2.22/-1.99 | -3.3/-4.37 | -5.32/-7.36 | -8.46/-7.77 | -7.15/-5.99 | -7.62/-7.52 | -5.03/-8.45 | -8.92/-7.25 | -4.15/-2.63 | -2.68/-4.11 | -3.55/-4.55 | -5.82/-5.11 | -4.64/-5.45 |
| Θ(142.5°) | -7.57/-4.6 | -5.79/-5.59 | -5.39/-5.22 | -2.87/-3.01 | -2.51/-4.54 | -7.97/-7.05 | -5.05/-5.19 | -4.89/-5.18 | -6.37/-6.66 | -5.4/-5.51 | -4.83/-4.24 | -3.61/-3.94 | -6.32/-7.51 | -8.25/-9.52 | -9.27/-9.74 | -8.23/-8.16 | -8.82/-5.48 | -7.14/-11.37 | -11.04/-9.67 | -7.35/-4.32 | -3.49/-4.4 | -5.36/-7.06 | -9.23/-7.73 | -6.54/-7.92 |
| Θ(150°) | -9.21/-7.08 | -5.73/-6.23 | -5.7/-5.04 | -4.79/-3.39 | -3.92/-4.28 | -6.33/-8.12 | -7.66/-5.29 | -4.04/-5.73 | -8.15/-9.13 | -7.45/-7.22 | -9.41/-7.79 | -6.91/-7.24 | -9.38/-8.9 | -7.69/-8.91 | -9.38/-9 | -11.3/-8.66 | -4.52/-3.68 | -5.59/-8.69 | -9.21/-8.82 | -7.25/-6.42 | -4.3/-2.5 | -2.89/-5.58 | -6.68/-5.85 | -6.64/-7.17 |
| Θ(157.5°) | -9.34/-9.45 | -7.9/-6.49 | -4.92/-4.97 | -4.91/-5.8 | -6.65/-8.12 | -8/-6.25 | -4.28/-2.9 | -2.45/-2.58 | -3.38/-5.09 | -6.11/-6.4 | -7.42/-9.12 | -8.85/-8.3 | -8.84/-9.49 | -9.79/-9.73 | -9.15/-9.82 | -10.21/-5.9 | -4.31/-6.73 | -11.03/-10.39 | -11.1/-8.97 | -7.28/-6.72 | -6.92/-8.21 | -8.87/-6.82 | -5.44/-5.97 | -6.79/-7.37 |
| Θ(165°) | -9.3/-9.5 | -8.98/-7.99 | -7.29/-7.5 | -8.22/-8.72 | -8.56/-8.62 | -8.64/-8.42 | -6.23/-3.45 | -2.2/-2 | -2.68/-4.11 | -6.02/-8.16 | -9.29/-9.11 | -9.52/-9.79 | -9.23/-8.38 | -8.93/-9.16 | -10.93/-10.59 | -10.4/-10.49 | -10.01/-9.53 | -10/-12.34 | -12.47/-12.2 | -9.82/-9.61 | -9.93/-9.55 | -8.39/-7 | -7.38/-7.91 | -8.33/-9.19 |
| Θ(172.5°) | -10.34/-10.05 | -9.93/-11.06 | -11.78/-11.61 | -11.12/-10.74 | -9.93/-10.74 | -10.32/-9.01 | -6.65/-6.25 | -5.89/-6.06 | -6.49/-7.48 | -9.12/-10.83 | -11.48/-12.09 | -11.94/-12.05 | -11.12/-9.91 | -9.28/-9.21 | -9/-9.35 | -9.61/-9.77 | -9.61/-9.81 | -9.59/-10.01 | -10/-11.49 | -12.5/-11.72 | -11.25/-10.41 | -10.58/-11.64 | -11.52/-10.91 | -10.8/-10.79 |
| Θ(180°) | -12.3/-12.76 | -11.71/-11.75 | -11.46/-10.64 | -10.74/-10.01 | -8.91/-8.01 | -7.94/-7.14 | -6.51/-6.62 | -6.23/-6.36 | -6.78/-8.34 | -8.25/-8.41 | -9.3/-10.07 | -10.4/-9.55 | -9.72/-10.26 | -9.94/-10.03 | -9.85/-9.29 | -8.66/-7.93 | -7.96/-7.69 | -7.68/-8.1 | -8.02/-7.8 | -7.58/-7.47 | -7.59/-8.6 | -9.02/-9.5 | -10.23/-11.28 | -11.57/-12.32 |
| Freq(Hz) | 5.785G/Pol. | Theta/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| DG(dBi) | 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°) | 3.57/2.9 | 2.72/2.93 | 3.22/3.42 | 3.52/3.49 | 3.11/2.6 | 2.14/1.59 | 0.66/0.47 | 0.94/1.67 | 2.22/2.87 | 3.31/3.54 | 3.75/3.91 | 3.91/3.92 | 3.54/3.59 | 3.65/3.82 | 3.81/3.92 | 3.75/3.83 | 3.68/3.23 | 2.86/2.36 | 1.92/2.3 | 3.17/3.81 | 4.42/4.79 | 5.11/5.08 | 4.96/4.69 | 4.36/3.8 |
| Θ(7.5°) | 3.7/3.53 | 3.8/3.72 | 3.44/3.17 | 2.84/2.68 | 2.46/2.46 | 2.03/2.04 | 1.71/2.04 | 2.53/3.27 | 4.18/4.64 | 4.96/4.92 | 4.76/4.67 | 4.45/3.87 | 3.07/2.87 | 3/3.08 | 2.95/2.88 | 2.63/2.2 | 1.72/1.57 | 0.99/0.48 | 0.01/0.61 | 1.4/2.19 | 2.86/3.43 | 3.66/3.77 | 3.73/3.89 | 4.18/4.3 |
| Θ(15°) | 2.05/2.62 | 3.08/3.08 | 3.22/3.13 | 2.99/2.39 | 1.48/0.65 | -0.22/-0.79 | -0.28/0.68 | 2.09/3.62 | 4.64/5.24 | 5.64/5.78 | 5.52/5.23 | 4.89/4.18 | 3.57/3.25 | 3.3/2.92 | 2.46/2.17 | 1.95/1.53 | 0.84/0.72 | 0.59/-0.02 | -0.76/-1.26 | -0.5/0.95 | 2.12/2.63 | 2.8/2.84 | 2.4/2.05 | 2.37/2.97 |
| Θ(22.5°) | 0.15/1.64 | 2.37/2.72 | 2.79/3.12 | 3.47/3.41 | 3.13/1.9 | 0.55/-0.35 | -1.21/-1.55 | 0.89/3.1 | 4.61/5.47 | 5.81/5.79 | 5.39/4.97 | 4.64/4.24 | 3.53/2.62 | 2.36/2.18 | 2.18/2.14 | 2.29/2.54 | 2.78/2.59 | 2.37/2.3 | 1.47/0.14 | -0.64/0.35 | 1.57/2.07 | 2.3/2.2 | 1.62/1.01 | 0.53/0.41 |
| Θ(30°) | 1.38/2.04 | 2.33/2.68 | 3.3/3.74 | 4.19/4.18 | 3.89/3.2 | 2.71/2.27 | 0.97/-0.32 | 1.73/3.35 | 4.35/5.19 | 5.89/6 | 5.33/3.96 | 3.7/3.86 | 3.26/2.89 | 2.61/2.15 | 2.53/2.7 | 3.01/3.04 | 2.85/2.73 | 2.69/2.12 | 0.61/-0.94 | -1.55/0.12 | 1.18/2.13 | 2.54/2.26 | 1.52/1.61 | 1.16/0.91 |
| Θ(37.5°) | 2.44/3.06 | 3.37/4.06 | 4.32/4.7 | 5/4.51 | 3.83/3.06 | 2.99/2.05 | 0.99/0.71 | 1.48/3.08 | 3.76/4.01 | 4.18/4.32 | 3.61/2.5 | 2.1/1.96 | 0.92/0.31 | -0.33/0.45 | 1.32/1.49 | 1.94/1.38 | 0.86/0.54 | -0.18/-0.32 | -0.21/-0.45 | -0.62/-0.37 | 0.2/1.17 | 1.56/0.8 | 0.12/0.14 | 0.82/1.16 |
| Θ(45°) | 1.98/2.82 | 3.45/4.41 | 4.89/5.24 | 5.03/4.19 | 3.64/2.19 | 0.72/-0.28 | 1.27/1.86 | 1.89/2.49 | 2.24/1.99 | 1.4/2.07 | 1.91/1.07 | -0/-0.01 | -1.79/-4.03 | -3.64/-3.06 | -1.14/0.48 | 0.92/1.02 | 0.62/-0.79 | -2.27/0.4 | 1.55/0.85 | 0.83/0.68 | -0.74/-1.44 | -0.95/-0.9 | -0.39/0.22 | 1.57/1.9 |
| Θ(52.5°) | 1.94/2.17 | 3.06/4.36 | 4.93/4.99 | 4.53/3.43 | 2.25/1 | -0.44/0.37 | 1.93/3.01 | 3.23/2.9 | 1.36/1.11 | 0.18/0.88 | 0.13/-1.8 | -3.2/-3.2 | -4.26/-7.29 | -5.82/-4.69 | -2.45/-1.85 | -1.34/0.54 | 0.89/-0.4 | -0.69/1.85 | 2.45/1.19 | 0.85/0.75 | -0.11/-2.29 | -2.29/-1.13 | -0.87/-1.27 | 0.41/1.69 |
| Θ(60°) | 0.78/0.97 | 2.56/3.53 | 3.96/3.52 | 2.28/0.16 | -1.07/-1.65 | -0.44/1.74 | 3.05/3.24 | 2.74/2.44 | 2.42/1.26 | -0.39/0.16 | 1.1/-0.79 | -4.19/-3.69 | -3.12/-5 | -4.39/-4.06 | -1.92/-4.61 | -2.92/0.67 | 0.6/-0.1 | 0.92/0.54 | 0.73/1.13 | 1.11/1.12 | 0/-1.15 | -3/-2 | -1.79/-1.14 | 0.21/1.32 |
| Θ(67.5°) | -0.6/-0.68 | 0.66/0.66 | 1.2/0.56 | -2.13/-4.63 | -3.39/-2.28 | -2.24/-1.38 | -0.59/-0.5 | 0.31/0.98 | 0.93/1.32 | 1.01/-0.53 | 2.16/1.26 | -1.03/0.37 | -0.51/-0.99 | -1.19/-1.74 | -3.42/-5.16 | -1.57/-0.96 | -0.49/-0.01 | -0.09/0.32 | -0.16/0.97 | 1.85/1.73 | 0.14/-0.7 | -1/-1.34 | -2.32/-2.43 | -0.79/0.11 |
| Θ(75°) | -3.74/-2.97 | -1.22/-1.53 | -0.42/-1.56 | -4.4/-1.69 | 0.02/-0.08 | -2.41/-0.85 | 1.02/1 | 1.31/1.51 | 1.3/0.88 | 0.19/-1.96 | 0.42/1.87 | -0.38/0.96 | 0.31/-0.58 | -0.73/-1.82 | -4.34/-5.41 | -3.31/-2.9 | -0.8/-0.94 | -1.77/-0.08 | 0.55/0.9 | 1/2.03 | 0.44/-1.6 | -1.45/-0.48 | -2.08/-2.87 | -1.51/-0.92 |
| Θ(82.5°) | -5.01/-4.61 | -5.16/-4.37 | -1/-1.28 | -0.61/-0.89 | 0.51/-1.84 | -2.11/-0.42 | 0.48/0.14 | -1.23/0.14 | 0.71/0.75 | -0.65/-3.02 | -0.4/-1.46 | -2/-0.69 | -1.54/-1.2 | -0.87/-2.37 | -5.83/-9.09 | -7.76/-4.16 | -0.24/-2 | -2.62/0 | 1.42/0.2 | 0.46/2.45 | 0.88/-2.24 | -2.55/-1.75 | -2.75/-3.48 | -2.63/-4.34 |
| Θ(90°) | -3.26/-3.52 | -2.88/-1.33 | 0.03/-0.24 | -1.23/-1.09 | -0.56/-1.36 | -1.73/-1.95 | -0.52/-0.42 | -1.82/-3.78 | -2.75/-0.37 | -1.65/-4.28 | -1.94/-2.78 | -2.58/-1.62 | -2.37/-0.54 | -0.7/-2.71 | -5.65/-8.61 | -6.45/-3.72 | -1.19/-4.7 | -3.93/-1.21 | 1.73/0.93 | 0.77/1.26 | 1.61/-1.93 | -2.56/-0.73 | -1.77/-2.66 | -2.02/-5 |
| Θ(97.5°) | -1.05/-0.5 | -0.53/-0.51 | -0.71/-0.92 | -2.54/-1.94 | -1.58/-1.19 | -3.24/-4.63 | -2.02/-0.24 | -1.14/-1.38 | -2.02/-1.6 | -4.27/-5.67 | -2.3/-3.41 | -2.8/-1.97 | -3.22/-0.86 | -1.47/-2.2 | -4.17/-6.13 | -6/-4.58 | -3.25/-4.09 | -2.6/-2.67 | -0.23/-0.5 | 0.78/-0.72 | 0.37/-2.08 | -4.09/-0.9 | -1.23/-1.68 | -2.55/-4.17 |
| Θ(105°) | -1.35/-0.88 | -0.07/-0.75 | -1.32/-2.7 | -3.81/-1.88 | -0.08/-1.93 | -4.98/-8.08 | -3.47/-2.52 | -2.57/-1.44 | -2.41/-2.54 | -2.72/-4.15 | -1.28/-1.79 | -2.7/-1.89 | -3.02/-1.55 | -1.84/-2.66 | -2.6/-4.12 | -4.45/-5.38 | -5.67/-2.59 | -3.93/-3.26 | -1.76/-1.7 | 0.06/-1.77 | -0.85/-3.14 | -2.73/-1.19 | -1.97/-1.7 | -2.36/-1.89 |
| Θ(112.5°) | -3.09/-2.4 | -1.94/-1.92 | -2.48/-4.29 | -2.01/-1.53 | -2.52/-4.51 | -7.81/-10.02 | -10.07/-8.4 | -5.66/-3.79 | -2.86/-3.21 | -5.41/-5.5 | -1.92/-0.71 | -1.83/-2.69 | -2.38/-3.26 | -3.45/-4.25 | -3.1/-5.94 | -9.27/-9.74 | -5.89/-4.49 | -6.14/-4.32 | -3.7/-2.21 | -1.9/-3.4 | -2.54/-3.77 | -3.11/-2.17 | -3.23/-3.09 | -2.73/-2.5 |
| Θ(120°) | -3.53/-2.87 | -2.79/-2.02 | -1.92/-2.39 | -1.55/-1.89 | -3.09/-4.02 | -9.06/-8.87 | -11.14/-10.53 | -6.25/-8.38 | -5.01/-4.82 | -3.72/-5.34 | -4.97/-2.62 | -3.11/-3.31 | -5.54/-6.69 | -6.95/-7.15 | -5.27/-6.04 | -10.53/-7.45 | -7.71/-5.31 | -5.52/-4.2 | -4.5/-2.37 | -1.55/-3.28 | -3.7/-4.16 | -3.35/-1.73 | -2.15/-1.36 | -1.84/-3.63 |
| Θ(127.5°) | -2.33/-2.68 | -2.6/-0.47 | -0.56/-1.01 | -2.44/-3.25 | -4.48/-4.26 | -8.86/-12.67 | -11.72/-11.2 | -11.36/-9.9 | -7.5/-5.65 | -5.43/-3.83 | -4.64/-5.93 | -3.16/-6.18 | -6.06/-7.72 | -9.42/-9.64 | -12.76/-10.86 | -8.99/-8.29 | -7.12/-3.1 | -4.92/-6.26 | -6.57/-5.35 | -3.92/-4.35 | -6.77/-5.67 | -4.88/-4.67 | -6.19/-4.06 | -3.53/-2.93 |
| Θ(135°) | -1.59/-1.22 | -1.49/-1.2 | -0.88/-2.15 | -2.98/-3.12 | -4.31/-7.75 | -10.96/-11.83 | -11.95/-11.17 | -9.86/-10.26 | -8.67/-7.33 | -5.29/-4.07 | -3.7/-3.85 | -3.52/-5.15 | -7.02/-5.98 | -7.61/-11.21 | -12.66/-11.98 | -10.87/-6.87 | -9.81/-7.52 | -5.52/-6.73 | -6.12/-6.81 | -4.65/-5.23 | -5.92/-7.15 | -5.26/-4.55 | -5.36/-6.13 | -4.72/-3.17 |
| Θ(142.5°) | -1.12/-1.4 | -1.01/-1.49 | -2.8/-2.81 | -3.14/-4.08 | -5.66/-7.17 | -10.48/-12.19 | -11.02/-10.62 | -9.59/-8.53 | -9.07/-9.11 | -8.59/-7.8 | -5.29/-5.15 | -3.28/-4.35 | -4.83/-7.13 | -7.4/-7.67 | -11.78/-8.32 | -8.25/-8.28 | -8.81/-7.28 | -7.28/-6.96 | -8.19/-8.71 | -7.68/-6.34 | -4.51/-5.75 | -3.55/-1.88 | -3.25/-3.86 | -3.21/-1.32 |
| Θ(150°) | -2/-2.06 | -1.28/-1.54 | -2.98/-3.76 | -4.37/-6.03 | -8.05/-10.08 | -11.9/-12.79 | -12.51/-12.38 | -9.83/-7.89 | -8.2/-8.78 | -8.9/-7.86 | -6.9/-5.54 | -7.98/-9.14 | -4.12/-4.26 | -7.02/-8.57 | -10.62/-10.11 | -9.66/-9.16 | -12.13/-12.87 | -8.32/-7.21 | -8.64/-10.04 | -9.04/-7.43 | -6.35/-5.15 | -4.01/-2.93 | -2.9/-2.69 | -3.07/-1.63 |
| Θ(157.5°) | -3.96/-4.3 | -4.29/-3.71 | -3.42/-3.66 | -5.09/-6.72 | -9.16/-11.3 | -11.41/-10.72 | -11.76/-11.1 | -8.55/-7.74 | -7.8/-9.78 | -10.34/-7.28 | -5.1/-4.85 | -5.98/-5.93 | -4.47/-4.95 | -7.75/-9.92 | -11.24/-10.24 | -8.77/-8.63 | -11.19/-11.35 | -8.04/-7.57 | -7.78/-9.88 | -11.39/-9.99 | -7.12/-5.72 | -5.92/-5.16 | -3.44/-1.8 | -1.36/-2.16 |
| Θ(165°) | -6.24/-6.23 | -6.61/-6.03 | -5.83/-6.16 | -5.77/-6.61 | -8.17/-9.93 | -12.3/-12.07 | -12.38/-11.62 | -9.31/-7.4 | -5.82/-4.92 | -4.53/-5.06 | -5.9/-6.4 | -6.95/-6.86 | -7.67/-6.87 | -7.62/-7.82 | -7.35/-7.88 | -9.35/-10.74 | -11/-9.71 | -9.09/-9.23 | -9.51/-9.69 | -9.73/-9.4 | -8.72/-8.61 | -7.92/-7.12 | -6.2/-5.69 | -5.55/-5.47 |
| Θ(172.5°) | -10.99/-11.01 | -10.14/-10.98 | -11.03/-11.38 | -10.55/-10.24 | -11.02/-11.06 | -10.51/-10.88 | -11.65/-11.37 | -10.22/-8.48 | -7.31/-6.96 | -7.1/-6.45 | -5.56/-5.13 | -5.54/-5.53 | -6.21/-6.93 | -7.55/-8.74 | -9.32/-9.25 | -9.39/-8.94 | -8.78/-9.29 | -10.29/-10.69 | -11.8/-12.42 | -11.56/-11.89 | -12.65/-12.84 | -11.42/-8.81 | -7.66/-7.61 | -8.82/-8.73 |
| Θ(180°) | -9.57/-9.23 | -9.37/-10.24 | -8.6/-8.37 | -8.89/-10.13 | -9.92/-10.11 | -10.38/-10.73 | -10.84/-9.94 | -9.61/-8.94 | -9.45/-8.96 | -8.3/-7.4 | -6.45/-6.93 | -7.51/-7.25 | -7.89/-7.54 | -7.81/-7.81 | -7.82/-7.66 | -8.26/-9.22 | -10.1/-10.9 | -12.18/-12.16 | -11.75/-11.02 | -11.59/-11.8 | -9.87/-8.7 | -8.1/-7.98 | -8.53/-9.4 | -9.79/-9.12 |

## Total Gain Data

| Freq(Hz) | 2.45G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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°) | 4.04/4.11 | 4.20/4.40 | 4.66/4.92 | 5.17/5.40 | 5.57/5.64 | 5.68/5.65 | 5.60/5.52 | 5.37/5.34 | 5.18/5.16 | 5.05/4.90 | 4.76/4.64 | 4.68/4.70 | 4.65/4.59 | 4.57/4.63 | 4.82/4.94 | 5.22/5.35 | 5.46/5.48 | 5.46/5.47 | 5.42/5.41 | 5.34/5.25 | 5.16/5.09 | 4.98/4.85 | 4.68/4.48 | 4.32/4.17 |
| Θ(7.5°) | 4.10/4.08 | 4.15/4.30 | 4.49/4.69 | 4.87/5.06 | 5.19/5.28 | 5.30/5.31 | 5.34/5.26 | 5.29/5.14 | 5.08/5.02 | 4.91/4.76 | 4.63/4.54 | 4.57/4.65 | 4.66/4.65 | 4.67/4.86 | 5.10/5.29 | 5.56/5.66 | 5.75/5.79 | 5.85/5.81 | 5.79/5.73 | 5.65/5.55 | 5.48/5.42 | 5.34/5.19 | 4.97/4.74 | 4.48/4.24 |
| Θ(15°) | 4.20/4.10 | 4.10/4.17 | 4.28/4.37 | 4.53/4.73 | 4.90/5.05 | 5.12/5.23 | 5.25/5.34 | 5.27/5.16 | 5.02/4.93 | 4.84/4.68 | 4.55/4.47 | 4.40/4.49 | 4.60/4.65 | 4.67/4.88 | 5.15/5.40 | 5.64/5.81 | 5.93/6.12 | 6.17/6.25 | 6.28/6.28 | 6.21/6.16 | 6.09/6.01 | 5.89/5.71 | 5.46/5.15 | 4.82/4.45 |
| Θ(22.5°) | 4.12/3.87 | 3.79/3.81 | 3.86/3.92 | 4.10/4.33 | 4.56/4.78 | 4.94/5.04 | 5.14/5.14 | 5.04/4.91 | 4.68/4.61 | 4.43/4.34 | 4.23/4.21 | 4.18/4.23 | 4.37/4.48 | 4.53/4.79 | 4.99/5.21 | 5.43/5.59 | 5.78/5.97 | 6.16/6.33 | 6.46/6.55 | 6.58/6.52 | 6.38/6.24 | 6.03/5.79 | 5.54/5.23 | 4.87/4.47 |
| Θ(30°) | 3.60/3.16 | 2.92/2.89 | 2.96/3.08 | 3.28/3.61 | 3.97/4.25 | 4.38/4.48 | 4.51/4.50 | 4.42/4.29 | 4.07/3.88 | 3.67/3.63 | 3.53/3.59 | 3.70/3.78 | 3.87/4.04 | 4.13/4.31 | 4.40/4.51 | 4.68/4.84 | 5.10/5.36 | 5.65/5.92 | 6.18/6.41 | 6.56/6.57 | 6.39/6.09 | 5.70/5.34 | 5.06/4.78 | 4.48/4.09 |
| Θ(37.5°) | 2.69/2.09 | 1.58/1.44 | 1.45/1.61 | 2.13/2.76 | 3.22/3.47 | 3.45/3.45 | 3.38/3.45 | 3.51/3.50 | 3.37/3.09 | 2.82/2.52 | 2.42/2.68 | 2.95/3.18 | 3.28/3.48 | 3.60/3.61 | 3.57/3.53 | 3.64/3.85 | 4.15/4.48 | 4.85/5.18 | 5.50/5.78 | 5.99/6.07 | 5.97/5.67 | 5.13/4.58 | 4.11/3.80 | 3.55/3.25 |
| Θ(45°) | 0.99/0.18 | -0.51/-0.81 | -0.92/-0.26 | 0.70/1.38 | 1.90/2.03 | 2.13/2.02 | 2.08/2.25 | 2.49/2.56 | 2.51/2.17 | 1.82/1.34 | 1.18/1.50 | 2.09/2.49 | 2.70/2.83 | 2.90/2.71 | 2.42/2.15 | 2.27/2.58 | 3.09/3.60 | 4.02/4.32 | 4.52/4.76 | 4.99/5.07 | 5.05/4.89 | 4.29/3.41 | 2.67/2.26 | 2.01/1.72 |
| Θ(52.5°) | -1.72/-3.17 | -3.68/-3.99 | -3.30/-2.13 | -1.03/0.14 | 0.66/0.70 | 0.38/0.40 | 0.75/1.18 | 1.61/1.88 | 1.94/1.43 | 0.60/-0.11 | -0.29/0.09 | 0.81/1.29 | 1.53/1.59 | 1.56/1.09 | 0.75/0.55 | 1.21/2.04 | 2.91/3.49 | 3.75/3.87 | 3.88/3.94 | 4.04/4.05 | 4.05/3.87 | 3.11/1.78 | 0.59/0.22 | -0.01/-0.43 |
| Θ(60°) | -3.82/-6.25 | -7.88/-7.79 | -6.14/-4.76 | -2.54/-1.03 | -0.70/-0.78 | -0.76/-0.31 | 0.36/0.79 | 1.28/1.53 | 1.60/1.45 | 0.68/-1.01 | -1.78/-1.74 | -1.18/-0.62 | -0.13/0.12 | 0.21/-0.26 | -0.55/-0.42 | 0.72/1.95 | 2.94/3.55 | 3.80/3.80 | 3.71/3.57 | 3.40/3.18 | 2.91/2.48 | 1.53/-0.48 | -2.45/-2.52 | -1.94/-2.03 |
| Θ(67.5°) | -4.74/-6.24 | -8.44/-8.14 | -8.10/-5.79 | -3.50/-1.60 | -0.57/-0.79 | -0.46/0.29 | 0.88/1.16 | 1.38/1.66 | 1.85/1.34 | 0.66/-1.48 | -3.39/-4.00 | -4.03/-3.29 | -2.55/-1.74 | -1.39/-1.54 | -1.33/-0.61 | 0.71/1.88 | 2.65/3.12 | 3.45/3.57 | 3.53/3.27 | 2.79/2.09 | 1.43/0.84 | -0.30/-3.26 | -8.05/-8.02 | -4.72/-3.52 |
| Θ(75°) | -6.76/-6.89 | -8.06/-7.65 | -6.31/-4.41 | -2.67/-1.09 | -0.88/-1.03 | -0.91/-0.43 | 0.16/0.71 | 1.08/1.39 | 2.09/1.94 | 0.92/-0.32 | -3.31/-5.27 | -6.06/-5.58 | -4.61/-3.53 | -2.82/-2.77 | -2.62/-2.19 | -1.02/0.27 | 1.13/1.81 | 2.39/2.84 | 3.13/3.06 | 2.37/1.15 | 0.07/-0.39 | -0.91/-3.08 | -8.24/-15.99 | -9.54/-6.56 |
| Θ(82.5°) | -5.04/-4.75 | -5.83/-8.11 | -5.84/-3.99 | -2.67/-2.02 | -1.62/-1.48 | -1.99/-1.99 | -1.06/-0.09 | 0.45/0.40 | 0.73/1.23 | -0.05/-1.34 | -4.67/-7.70 | -8.89/-8.75 | -7.32/-6.12 | -4.91/-5.06 | -4.90/-4.06 | -2.84/-1.42 | -0.11/0.93 | 1.84/2.62 | 3.16/3.06 | 2.12/0.31 | -1.56/-2.54 | -2.98/-4.33 | -7.73/-11.90 | -11.04/-6.86 |
| Θ(90°) | -4.16/-3.68 | -4.39/-7.40 | -6.74/-5.51 | -4.54/-2.97 | -2.04/-2.81 | -4.32/-4.06 | -2.59/-1.42 | -0.74/-1.13 | -2.12/-1.38 | -1.51/-3.38 | -5.40/-9.49 | -10.65/-10.63 | -8.23/-7.08 | -5.59/-5.62 | -6.70/-5.67 | -4.49/-3.60 | -2.19/-0.78 | 0.81/2.11 | 2.96/3.03 | 2.14/0.27 | -2.14/-4.22 | -5.39/-5.63 | -7.33/-9.88 | -11.24/-6.94 |
| Θ(97.5°) | -5.52/-5.13 | -5.95/-8.53 | -8.48/-7.88 | -6.73/-3.73 | -3.91/-6.16 | -6.91/-4.43 | -2.44/-1.34 | -0.66/-1.00 | -2.76/-3.89 | -4.07/-6.73 | -8.22/-11.46 | -12.79/-12.62 | -9.72/-8.25 | -7.09/-7.34 | -10.13/-9.97 | -7.85/-6.75 | -5.11/-2.95 | -0.75/0.96 | 1.97/2.14 | 1.32/-0.33 | -2.34/-4.47 | -5.34/-5.52 | -6.93/-8.76 | -12.28/-8.96 |
| Θ(105°) | -6.55/-6.22 | -8.76/-10.96 | -8.59/-7.15 | -6.18/-5.11 | -8.23/-13.84 | -10.61/-6.10 | -3.81/-2.47 | -1.54/-1.42 | -2.90/-5.80 | -6.28/-11.28 | -11.63/-11.85 | -12.83/-13.53 | -11.22/-11.16 | -9.15/-9.33 | -11.93/-14.88 | -12.55/-11.49 | -11.60/-9.31 | -5.05/-2.09 | -0.42/0.30 | 0.02/-1.18 | -2.84/-4.48 | -4.77/-5.70 | -6.96/-9.25 | -13.77/-10.76 |
| Θ(112.5°) | -5.20/-4.28 | -7.53/-11.31 | -10.63/-7.54 | -6.13/-6.57 | -13.23/-15.38 | -9.17/-5.45 | -4.15/-3.58 | -3.00/-2.96 | -4.30/-7.11 | -10.48/-14.89 | -14.55/-12.91 | -12.83/-12.34 | -9.45/-10.20 | -9.40/-10.71 | -12.94/-15.38 | -14.89/-15.38 | -14.66/-9.39 | -5.90/-3.57 | -2.14/-1.35 | -1.52/-2.63 | -4.24/-4.91 | -5.59/-7.06 | -8.37/-12.30 | -14.70/-8.17 |
| Θ(120°) | -9.15/-6.62 | -8.47/-10.53 | -12.03/-9.77 | -8.32/-8.13 | -14.30/-11.93 | -9.78/-6.91 | -5.19/-4.67 | -4.65/-4.67 | -4.82/-5.71 | -7.17/-9.81 | -14.02/-15.10 | -14.49/-13.63 | -10.25/-10.44 | -11.02/-11.36 | -12.45/-12.88 | -14.04/-13.34 | -13.10/-10.94 | -7.96/-5.82 | -4.20/-3.32 | -3.31/-3.77 | -4.33/-5.23 | -6.75/-7.68 | -8.98/-12.08 | -14.43/-11.27 |
| Θ(127.5°) | -14.39/-12.35 | -13.44/-13.04 | -12.22/-11.42 | -11.78/-8.40 | -8.87/-8.67 | -8.06/-6.62 | -5.77/-5.39 | -5.29/-5.33 | -4.75/-4.80 | -5.60/-8.05 | -12.81/-14.42 | -13.11/-14.10 | -11.73/-11.43 | -10.91/-9.04 | -9.37/-10.69 | -12.03/-12.12 | -11.34/-10.10 | -8.22/-6.13 | -4.40/-3.42 | -3.15/-3.56 | -4.61/-6.93 | -9.12/-11.65 | -11.69/-10.87 | -10.52/-12.98 |
| Θ(135°) | -11.24/-13.24 | -14.69/-12.16 | -13.77/-16.09 | -15.93/-10.56 | -7.46/-6.29 | -6.64/-6.33 | -5.61/-4.79 | -4.05/-3.33 | -3.02/-3.39 | -4.52/-6.65 | -10.50/-13.03 | -12.75/-14.64 | -14.17/-11.79 | -8.96/-6.85 | -6.05/-7.97 | -10.49/-12.32 | -11.81/-9.76 | -7.39/-5.33 | -3.79/-2.95 | -2.90/-3.41 | -4.64/-6.45 | -10.27/-14.79 | -13.23/-9.86 | -8.26/-10.27 |
| Θ(142.5°) | -11.51/-15.13 | -15.96/-12.33 | -9.96/-11.61 | -13.06/-9.23 | -6.77/-5.58 | -5.51/-6.04 | -6.13/-5.86 | -5.30/-4.83 | -4.76/-4.98 | -5.80/-7.47 | -10.14/-11.52 | -13.30/-14.86 | -15.39/-9.36 | -6.26/-5.38 | -4.80/-6.03 | -8.26/-11.08 | -14.41/-13.79 | -10.51/-7.67 | -5.74/-4.47 | -3.92/-4.15 | -5.37/-8.16 | -13.86/-15.49 | -13.38/-8.93 | -8.47/-10.03 |
| Θ(150°) | -10.27/-13.66 | -13.41/-14.63 | -10.86/-9.12 | -9.81/-9.45 | -7.46/-6.05 | -5.48/-5.91 | -6.51/-7.62 | -8.99/-10.39 | -10.62/-10.45 | -9.90/-11.13 | -12.64/-12.79 | -12.93/-12.82 | -11.24/-8.06 | -5.31/-4.75 | -4.76/-5.09 | -6.45/-8.32 | -11.90/-14.90 | -13.13/-9.35 | -7.04/-5.71 | -5.17/-5.66 | -7.15/-9.61 | -13.61/-15.28 | -12.18/-9.58 | -9.70/-9.66 |
| Θ(157.5°) | -10.79/-13.20 | -13.35/-13.60 | -15.09/-11.97 | -10.54/-9.78 | -9.20/-8.22 | -7.36/-7.01 | -7.39/-7.89 | -8.64/-8.77 | -8.89/-8.90 | -9.43/-9.49 | -9.95/-10.06 | -10.03/-9.27 | -8.90/-7.63 | -6.08/-5.51 | -5.71/-6.13 | -7.58/-10.02 | -12.69/-12.11 | -11.06/-9.67 | -7.90/-6.77 | -6.14/-6.29 | -7.35/-9.37 | -11.30/-11.05 | -11.30/-11.36 | -10.70/-10.15 |
| Θ(165°) | -12.60/-14.21 | -14.35/-14.36 | -13.87/-14.78 | -14.48/-13.46 | -12.25/-10.40 | -9.23/-8.45 | -8.04/-7.95 | -7.77/-7.82 | -7.87/-8.06 | -8.50/-8.63 | -9.16/-10.06 | -9.98/-9.87 | -10.42/-10.71 | -9.79/-8.88 | -8.58/-8.27 | -8.90/-10.15 | -10.68/-11.01 | -10.49/-9.67 | -8.83/-8.19 | -7.94/-8.45 | -9.47/-10.69 | -11.82/-11.49 | -11.44/-11.61 | -10.98/-11.37 |
| Θ(172.5°) | -15.37/-15.10 | -15.35/-14.51 | -14.37/-14.71 | -15.12/-14.97 | -14.24/-12.93 | -11.47/-10.71 | -9.99/-10.02 | -9.67/-9.71 | -10.29/-10.65 | -11.72/-12.58 | -13.06/-13.72 | -12.94/-12.81 | -13.45/-14.32 | -14.36/-13.37 | -13.04/-12.46 | -12.51/-12.96 | -13.15/-12.74 | -12.71/-12.60 | -11.95/-11.81 | -11.84/-12.52 | -13.59/-14.03 | -14.10/-13.38 | -13.57/-13.18 | -13.41/-14.08 |
| Θ(180°) | -15.08/-14.98 | -14.68/-15.53 | -15.95/-14.64 | -13.77/-13.25 | -12.75/-12.44 | -12.10/-12.11 | -12.18/-11.75 | -12.46/-12.40 | -12.82/-13.58 | -14.05/-15.39 | -15.31/-15.86 | -14.79/-15.84 | -15.39/-15.25 | -14.43/-13.19 | -11.92/-12.03 | -11.35/-11.81 | -12.28/-13.34 | -14.20/-15.12 | -15.02/-14.21 | -13.84/-14.25 | -15.34/-15.36 | -15.27/-15.38 | -14.94/-15.02 | -15.64/-15.44 |
| Freq(Hz) | 5.2G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | Φ(0°)/Φ(7.5°) | Φ(15°)/Φ(22.5°) | Φ(30°)/Φ(37.5°) | Φ(45°)/Φ(52.5°) | Φ(60°)/Φ(67.5°) | Φ(75°)/Φ(82.5°) | Φ(90°)/Φ(97.5°) | Φ(105°)/Φ(112.5°) | Φ(120°)/Φ(127.5°) | Φ(135°)/Φ(142.5°) | Φ(150°)/Φ(157.5°) | Φ(165°)/Φ(172.5°) | Φ(180°)/Φ(187.5°) | Φ(195°)/Φ(202.5°) | Φ(210°)/Φ(217.5°) | Φ(225°)/Φ(232.5°) | Φ(240°)/Φ(247.5°) | Φ(255°)/Φ(262.5°) | Φ(270°)/Φ(277.5°) | Φ(285°)/Φ(292.5°) | Φ(300°)/Φ(307.5°) | Φ(315°)/Φ(322.5°) | Φ(330°)/Φ(337.5°) | Φ(345°)/Φ(352.5°) |
| Θ(0°) | 2.41/2.85 | 2.90/2.96 | 3.10/3.12 | 3.02/2.82 | 2.53/2.31 | 2.03/1.84 | 1.83/1.73 | 1.53/1.48 | 1.29/1.27 | 1.37/1.58 | 1.71/1.85 | 1.67/1.53 | 1.75/1.94 | 2.06/2.30 | 2.56/2.72 | 2.77/2.79 | 2.80/2.93 | 2.84/2.80 | 2.76/2.55 | 2.41/2.41 | 2.51/2.61 | 2.90/3.05 | 2.89/2.36 | 1.90/2.01 |
| Θ(7.5°) | 1.00/1.46 | 1.76/1.82 | 1.95/2.16 | 2.40/2.41 | 2.33/2.35 | 2.42/2.69 | 2.89/2.96 | 3.10/3.21 | 3.13/2.99 | 3.00/3.16 | 3.45/3.39 | 2.90/2.41 | 2.17/2.01 | 1.89/1.98 | 2.19/2.24 | 2.17/1.94 | 1.81/1.68 | 1.40/1.23 | 0.83/0.52 | 0.09/-0.25 | -0.21/0.12 | 0.68/0.93 | 0.71/0.22 | -0.06/0.35 |
| Θ(15°) | -2.40/-0.73 | -0.19/-0.40 | -0.13/-0.15 | -0.18/-0.06 | 0.15/0.37 | 0.63/1.06 | 1.30/1.61 | 1.92/2.20 | 2.58/3.03 | 3.49/3.85 | 4.00/3.75 | 3.18/2.42 | 1.79/1.58 | 1.78/2.37 | 2.99/3.47 | 3.83/4.04 | 4.29/4.25 | 4.18/4.03 | 3.68/3.34 | 2.85/2.13 | 1.15/0.16 | -0.83/-1.37 | -1.63/-2.47 | -4.01/-4.41 |
| Θ(22.5°) | -4.15/-3.27 | -3.06/-3.54 | -3.54/-4.40 | -4.49/-3.81 | -3.07/-2.21 | -1.58/-1.00 | -0.33/0.05 | 0.24/0.24 | 0.34/0.85 | 1.54/2.46 | 2.97/2.90 | 2.47/2.09 | 1.73/1.69 | 2.07/2.49 | 3.01/3.43 | 3.64/3.73 | 3.76/3.80 | 3.95/4.10 | 4.23/4.30 | 3.98/3.34 | 2.73/1.86 | 0.77/-0.37 | -1.14/-1.66 | -2.41/-3.40 |
| Θ(30°) | -3.58/-4.25 | -5.79/-7.96 | -7.65/-8.41 | -10.64/-13.93 | -12.78/-10.43 | -8.16/-6.42 | -5.29/-4.31 | -3.88/-3.38 | -2.83/-2.71 | -2.48/-1.25 | -0.00/0.76 | 0.96/0.86 | 0.83/0.73 | 0.54/0.68 | 1.36/1.59 | 1.05/0.37 | -0.43/-0.96 | -1.29/-1.27 | -1.00/-0.77 | -0.97/-1.51 | -1.80/-2.10 | -2.46/-3.10 | -4.13/-4.67 | -4.59/-3.63 |
| Θ(37.5°) | -4.48/-6.44 | -11.27/-15.52 | -12.31/-11.41 | -8.35/-5.03 | -3.83/-4.49 | -5.12/-4.88 | -5.26/-5.79 | -5.87/-6.22 | -5.61/-4.83 | -3.73/-3.31 | -2.39/-2.09 | -1.65/-1.49 | -1.32/-1.74 | -2.62/-2.67 | -1.68/-1.86 | -3.45/-5.15 | -5.36/-5.05 | -3.92/-3.67 | -4.57/-6.04 | -6.49/-6.08 | -6.24/-6.62 | -7.59/-8.66 | -8.62/-6.84 | -5.67/-4.18 |
| Θ(45°) | -4.69/-8.43 | -12.61/-10.48 | -8.33/-5.95 | -2.48/-0.63 | -0.89/-0.65 | -0.10/-0.33 | -1.35/-2.46 | -2.96/-2.96 | -2.39/-2.52 | -2.72/-3.57 | -4.06/-3.61 | -3.82/-4.10 | -3.60/-3.37 | -4.53/-4.82 | -1.54/-1.13 | -2.52/-2.63 | -1.46/-0.31 | 0.51/1.16 | 0.76/-0.66 | -1.30/-0.13 | 0.74/0.29 | -0.57/-0.82 | -0.35/-0.03 | -0.68/-2.12 |
| Θ(52.5°) | -3.25/-6.93 | -6.84/-5.34 | -4.33/-2.64 | -0.19/0.53 | -0.19/0.93 | 1.65/1.12 | 0.09/-0.40 | -0.39/-0.37 | -0.57/-0.53 | -1.16/-3.41 | -4.25/-3.27 | -4.65/-6.06 | -5.52/-5.09 | -6.19/-4.48 | -0.94/-1.06 | -1.04/0.69 | 1.52/1.70 | 2.09/1.49 | -0.59/-1.87 | -0.47/1.46 | 2.34/1.99 | 1.07/1.14 | 1.92/2.34 | 1.79/-0.22 |
| Θ(60°) | -1.18/-4.57 | -9.46/-5.59 | -4.16/-3.00 | -0.04/1.32 | 2.24/2.53 | 2.61/2.44 | 2.22/1.72 | 0.90/-0.19 | -1.06/-1.29 | -0.22/-0.65 | -4.10/-3.53 | -3.33/-4.96 | -4.40/-4.96 | -4.24/-1.37 | 0.50/-0.68 | -0.46/1.38 | 1.46/1.32 | 0.82/-1.13 | -3.98/-3.78 | -0.72/1.83 | 2.88/2.27 | 1.12/1.62 | 2.65/3.05 | 2.83/1.47 |
| Θ(67.5°) | -4.04/-8.49 | -12.81/-6.81 | -4.99/-2.21 | 0.93/2.59 | 3.28/1.82 | 1.98/2.84 | 3.08/2.57 | 1.69/0.67 | -1.82/-3.73 | -2.06/-1.62 | -5.18/-3.94 | -3.99/-3.95 | -4.08/-3.65 | -1.93/-1.06 | 0.23/-1.33 | 0.66/2.37 | 1.47/1.15 | 2.03/1.87 | 0.68/0.84 | 1.13/1.24 | 2.21/2.10 | 1.25/1.47 | 2.00/1.86 | 1.46/0.24 |
| Θ(75°) | -5.02/-10.58 | -15.46/-7.63 | -4.53/-1.91 | 0.79/2.52 | 2.44/2.46 | 2.08/2.15 | 1.64/-0.18 | -1.04/-0.79 | -1.01/-4.08 | -5.34/-3.65 | -5.17/-7.84 | -5.57/-4.79 | -4.94/-1.30 | 0.51/0.06 | 1.16/-1.62 | 0.00/1.71 | 0.22/2.56 | 5.32/4.99 | 3.35/3.13 | 1.92/-1.50 | -1.25/1.11 | 1.52/1.11 | 0.40/-0.32 | -1.32/-1.51 |
| Θ(82.5°) | -9.60/-15.16 | -12.13/-7.00 | -3.40/-1.30 | 0.79/1.89 | 1.52/1.27 | 1.42/2.24 | 2.71/1.85 | -0.95/-2.86 | -3.14/-4.28 | -6.41/-5.70 | -7.47/-12.16 | -8.53/-7.80 | -5.94/-2.21 | 0.52/1.41 | 1.51/-1.12 | 0.99/1.12 | 0.01/4.13 | 6.45/5.91 | 4.86/4.98 | 3.56/-0.58 | -3.61/-0.59 | 0.69/-0.42 | -2.65/-1.86 | -2.11/-4.59 |
| Θ(90°) | -8.97/-10.46 | -7.25/-7.10 | -4.10/-3.96 | -1.17/0.58 | -0.77/-0.43 | -0.89/-0.22 | 0.20/0.71 | 0.54/-2.68 | -4.89/-6.24 | -8.55/-9.74 | -11.13/-11.44 | -11.15/-10.60 | -7.47/-6.68 | 0.47/1.64 | 1.43/-0.27 | 0.65/0.84 | -0.91/4.30 | 6.67/6.48 | 6.02/6.48 | 6.00/3.10 | -2.62/-1.22 | -0.31/-1.36 | -6.05/-7.15 | -2.66/-4.56 |
| Θ(97.5°) | -9.89/-11.76 | -6.93/-10.33 | -6.12/-5.86 | -3.73/-2.04 | -2.39/-2.09 | -5.52/-4.63 | -2.93/-3.01 | -1.44/-3.14 | -4.13/-6.11 | -7.30/-13.38 | -13.29/-10.14 | -9.61/-10.22 | -13.63/-3.67 | -0.16/-0.23 | 0.45/-0.94 | -0.29/-1.68 | -3.01/3.16 | 5.16/5.62 | 5.80/6.82 | 6.34/4.58 | -1.28/-3.03 | -1.67/-1.83 | -6.04/-9.68 | -3.20/-4.75 |
| Θ(105°) | -8.94/-10.98 | -7.12/-7.60 | -10.25/-15.11 | -13.92/-6.49 | -4.12/-6.55 | -12.41/-9.22 | -5.13/-5.77 | -3.11/-4.23 | -4.36/-5.09 | -7.16/-11.09 | -13.62/-10.19 | -5.95/-7.86 | -11.19/-7.16 | -3.54/-0.71 | -0.13/-0.85 | -2.28/-3.65 | -5.25/-0.51 | 2.91/3.89 | 4.83/5.88 | 6.12/5.25 | 0.60/-3.76 | -4.55/-5.48 | -8.92/-5.24 | -2.28/-9.06 |
| Θ(112.5°) | -15.46/-9.68 | -6.44/-10.83 | -15.06/-14.40 | -15.06/-7.55 | -6.12/-11.36 | -10.79/-10.13 | -6.79/-8.33 | -3.52/-5.37 | -4.80/-6.19 | -9.23/-12.77 | -15.75/-10.71 | -7.23/-6.94 | -7.21/-7.22 | -2.92/-1.49 | -2.77/-3.21 | -5.22/-4.72 | -7.87/-4.63 | 0.47/0.49 | 3.13/4.42 | 4.98/4.23 | -0.91/-4.89 | -6.45/-9.01 | -7.65/-11.05 | -5.55/-7.74 |
| Θ(120°) | -8.28/-15.29 | -12.38/-9.73 | -13.85/-10.39 | -9.18/-9.88 | -11.12/-12.25 | -12.85/-11.00 | -11.90/-12.86 | -7.85/-8.80 | -6.51/-8.65 | -9.62/-11.68 | -14.86/-13.66 | -10.04/-7.61 | -7.13/-6.16 | -4.40/-2.70 | -2.10/-2.75 | -5.12/-5.82 | -8.08/-9.07 | -4.76/-5.29 | -0.35/2.13 | 3.20/2.19 | -2.80/-8.96 | -6.18/-11.90 | -12.33/-10.50 | -8.23/-8.08 |
| Θ(127.5°) | -14.21/-10.18 | -8.74/-7.64 | -7.03/-10.65 | -13.10/-8.48 | -8.91/-8.66 | -12.54/-15.79 | -10.50/-8.41 | -9.78/-10.67 | -8.41/-6.46 | -9.05/-8.87 | -10.95/-12.95 | -8.64/-7.77 | -8.08/-7.77 | -5.83/-1.77 | -1.95/-5.82 | -9.30/-6.83 | -5.67/-8.00 | -9.43/-12.43 | -6.71/-1.80 | -0.47/-1.93 | -6.25/-13.42 | -8.02/-7.73 | -13.88/-7.77 | -7.72/-11.34 |
| Θ(135°) | -9.49/-15.33 | -10.99/-10.41 | -14.67/-12.27 | -11.22/-13.51 | -14.18/-14.73 | -15.21/-15.01 | -12.73/-10.20 | -9.36/-8.83 | -9.43/-7.57 | -6.65/-6.27 | -8.83/-10.66 | -9.53/-7.82 | -7.19/-9.18 | -7.55/-4.86 | -6.23/-8.23 | -11.35/-8.25 | -4.84/-6.30 | -7.03/-5.93 | -6.12/-3.49 | -1.49/-2.38 | -5.83/-10.52 | -12.13/-12.89 | -15.12/-10.33 | -9.53/-11.00 |
| Θ(142.5°) | -13.11/-15.26 | -10.57/-9.79 | -11.99/-12.19 | -12.07/-13.18 | -14.68/-14.16 | -11.46/-11.17 | -12.19/-12.43 | -10.34/-10.24 | -9.45/-9.29 | -7.72/-7.69 | -9.39/-10.26 | -10.91/-14.58 | -14.22/-11.87 | -9.91/-8.08 | -8.25/-11.12 | -13.60/-9.81 | -8.36/-8.50 | -6.46/-4.80 | -4.22/-4.27 | -4.75/-7.09 | -10.94/-7.59 | -9.29/-15.65 | -10.05/-9.38 | -11.78/-12.88 |
| Θ(150°) | -10.12/-8.80 | -9.68/-11.53 | -10.20/-10.75 | -15.39/-15.77 | -15.16/-15.37 | -13.48/-15.27 | -16.18/-14.91 | -13.17/-14.43 | -11.12/-7.21 | -6.88/-8.44 | -10.77/-10.12 | -9.81/-10.13 | -11.96/-13.60 | -11.90/-10.87 | -12.18/-13.70 | -15.41/-12.80 | -10.25/-9.69 | -9.03/-7.02 | -5.86/-6.21 | -8.19/-10.54 | -11.51/-11.49 | -11.50/-9.19 | -6.31/-6.71 | -10.09/-11.70 |
| Θ(157.5°) | -14.50/-13.71 | -15.83/-15.97 | -13.67/-12.63 | -13.62/-14.40 | -14.40/-14.65 | -13.14/-12.53 | -12.08/-12.21 | -11.16/-8.18 | -6.26/-6.37 | -8.89/-9.80 | -7.91/-6.91 | -8.68/-13.38 | -12.85/-9.10 | -7.05/-6.47 | -7.62/-8.88 | -8.22/-6.50 | -6.50/-8.57 | -11.54/-13.54 | -12.99/-11.06 | -10.73/-11.62 | -14.16/-15.31 | -12.07/-9.32 | -8.01/-7.64 | -8.75/-12.74 |
| Θ(165°) | -13.03/-12.03 | -10.65/-9.91 | -8.64/-8.13 | -8.07/-7.71 | -7.47/-7.72 | -8.35/-10.02 | -12.21/-13.30 | -15.59/-14.65 | -14.35/-13.25 | -10.74/-8.53 | -7.01/-7.46 | -10.16/-16.26 | -12.67/-8.65 | -6.70/-6.59 | -7.42/-9.50 | -11.53/-11.79 | -12.56/-14.52 | -15.83/-14.43 | -11.97/-10.63 | -10.12/-9.52 | -9.82/-9.13 | -7.37/-5.44 | -5.07/-6.56 | -9.44/-13.40 |
| Θ(172.5°) | -9.24/-10.93 | -14.32/-15.23 | -13.89/-13.63 | -15.64/-14.99 | -15.60/-12.92 | -10.08/-8.40 | -7.86/-7.26 | -6.81/-6.96 | -7.96/-8.85 | -9.60/-10.28 | -10.71/-11.52 | -14.09/-14.17 | -14.46/-14.64 | -12.86/-11.74 | -11.00/-10.91 | -10.72/-10.85 | -11.41/-12.00 | -13.06/-14.53 | -15.75/-15.99 | -15.44/-14.80 | -13.95/-11.65 | -9.33/-7.51 | -7.68/-8.86 | -8.93/-9.25 |
| Θ(180°) | -7.73/-9.75 | -14.00/-15.03 | -15.15/-11.52 | -9.90/-9.14 | -9.25/-9.85 | -10.70/-11.10 | -11.53/-11.51 | -11.72/-12.81 | -12.60/-11.65 | -11.41/-10.97 | -10.48/-10.42 | -10.09/-9.70 | -9.04/-8.64 | -8.14/-7.28 | -6.29/-5.69 | -5.71/-5.55 | -5.45/-5.24 | -5.31/-5.75 | -5.90/-6.20 | -6.50/-5.94 | -5.23/-4.98 | -5.47/-6.14 | -6.73/-6.79 | -6.42/-6.14 |
| Freq(Hz) | 5.3G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 3.47/3.62 | 3.76/3.70 | 3.55/3.46 | 3.27/3.12 | 2.89/2.79 | 2.90/2.87 | 2.62/2.25 | 1.87/1.89 | 1.86/1.95 | 1.89/1.75 | 1.61/1.54 | 1.91/2.34 | 2.61/2.85 | 2.80/2.70 | 2.70/2.87 | 3.11/3.18 | 3.31/3.28 | 3.29/3.32 | 3.29/3.12 | 2.85/2.64 | 2.68/2.80 | 2.84/2.85 | 2.81/3.00 | 3.21/3.16 |
| Θ(7.5°) | 2.49/2.73 | 3.00/3.12 | 3.15/3.22 | 3.19/3.29 | 3.18/3.16 | 3.50/3.68 | 3.70/3.63 | 3.46/3.42 | 3.45/3.53 | 3.58/3.40 | 2.98/2.51 | 2.64/3.05 | 3.41/3.31 | 2.98/2.61 | 2.23/2.14 | 2.10/1.90 | 1.82/1.69 | 1.69/1.67 | 1.57/1.37 | 1.29/1.34 | 1.20/1.02 | 0.85/0.92 | 1.26/1.95 | 2.29/2.30 |
| Θ(15°) | 1.55/0.93 | 0.92/1.45 | 1.47/1.50 | 1.76/1.96 | 1.67/1.58 | 1.95/2.29 | 2.29/2.14 | 1.82/1.81 | 2.08/2.54 | 3.07/3.27 | 3.16/3.08 | 3.24/3.23 | 3.25/3.00 | 2.58/2.36 | 2.59/3.04 | 3.43/3.66 | 3.88/3.98 | 4.01/3.88 | 3.73/3.42 | 3.03/2.49 | 1.86/0.97 | 0.04/-0.81 | -1.41/-0.79 | 0.48/1.51 |
| Θ(22.5°) | 1.00/1.57 | 0.97/0.00 | -1.40/-1.49 | -0.65/-0.25 | -0.49/-0.31 | 0.20/0.57 | 0.60/0.60 | 0.34/-0.08 | -0.50/-0.53 | 0.06/0.69 | 1.31/1.93 | 2.41/2.65 | 2.58/2.45 | 2.34/2.51 | 2.99/3.56 | 3.96/4.07 | 4.07/3.99 | 3.88/3.93 | 4.01/4.08 | 3.98/3.59 | 2.97/2.17 | 1.37/0.50 | -0.88/-2.81 | -3.61/-0.87 |
| Θ(30°) | -1.53/-0.93 | -0.91/-2.51 | -4.05/-4.77 | -5.39/-7.40 | -9.32/-8.89 | -7.76/-6.33 | -5.07/-4.28 | -3.21/-2.85 | -3.27/-4.72 | -5.30/-3.79 | -1.91/-1.11 | -0.55/0.35 | 1.49/2.19 | 1.94/1.81 | 2.26/2.70 | 2.66/2.12 | 1.35/0.58 | 0.07/-0.18 | 0.03/0.50 | 0.77/0.60 | 0.25/-0.15 | -0.73/-1.80 | -3.37/-3.47 | -2.91/-2.00 |
| Θ(37.5°) | -2.87/-3.10 | -4.12/-7.22 | -10.23/-11.40 | -11.14/-8.69 | -8.49/-10.69 | -11.56/-10.68 | -8.36/-6.38 | -4.98/-5.39 | -6.79/-7.74 | -6.14/-3.76 | -3.10/-3.05 | -3.69/-1.70 | 0.10/0.70 | 0.21/0.11 | 0.70/1.00 | 0.21/-1.02 | -3.14/-5.38 | -7.55/-5.91 | -4.38/-5.09 | -6.59/-6.85 | -7.22/-8.68 | -8.49/-9.28 | -10.90/-8.50 | -4.19/-2.70 |
| Θ(45°) | -2.32/-6.94 | -14.94/-14.99 | -12.43/-8.07 | -3.68/-2.40 | -2.93/-3.52 | -4.15/-4.17 | -3.68/-3.06 | -2.72/-2.75 | -3.66/-4.58 | -4.59/-2.64 | -2.11/-3.13 | -4.28/-4.87 | -3.62/-1.84 | -1.30/-0.70 | 0.88/1.29 | 0.17/-0.78 | -1.11/-1.17 | 0.14/1.94 | 2.32/1.25 | -0.23/-0.34 | 0.08/0.19 | -0.95/-1.62 | -2.23/-2.92 | -1.75/-0.93 |
| Θ(52.5°) | -0.88/-5.99 | -11.87/-9.34 | -5.52/-2.44 | -0.85/-1.49 | 0.25/1.13 | -0.17/-0.81 | -0.27/-0.00 | -0.30/-0.88 | -2.34/-3.12 | -3.08/-3.00 | -3.18/-3.30 | -4.57/-4.80 | -3.88/-2.60 | -3.17/-2.38 | 0.78/0.23 | -1.10/0.18 | 0.50/0.59 | 1.98/2.88 | 2.25/0.04 | -1.00/0.48 | 1.61/1.46 | 0.87/0.90 | 0.91/0.74 | 1.32/1.06 |
| Θ(60°) | -1.24/-6.49 | -8.55/-3.35 | -2.44/-1.72 | 0.45/1.45 | 3.18/3.01 | 1.95/1.84 | 2.32/2.18 | 0.97/-1.10 | -3.04/-3.70 | -1.83/-1.22 | -4.22/-5.76 | -4.79/-3.99 | -3.13/-3.21 | -3.53/-1.10 | 1.58/-0.09 | -0.89/1.46 | 1.42/0.63 | 1.31/0.59 | -2.01/-4.24 | -2.29/0.46 | 2.07/1.84 | 0.32/0.71 | 1.90/2.30 | 2.61/1.42 |
| Θ(67.5°) | -3.15/-6.92 | -9.50/-5.08 | -3.18/-0.34 | 1.85/2.90 | 3.28/2.72 | 2.16/2.32 | 2.88/3.36 | 2.43/-0.82 | -4.81/-5.94 | -2.67/-0.78 | -4.57/-6.17 | -5.64/-4.03 | -2.47/-3.59 | -1.43/-0.05 | 0.72/-1.50 | -1.30/2.10 | 1.63/0.88 | 1.97/1.87 | -0.29/-0.81 | 0.39/1.02 | 1.63/0.90 | -0.60/0.13 | 1.29/1.51 | 2.10/0.79 |
| Θ(75°) | -6.36/-11.30 | -13.73/-7.33 | -3.74/-0.60 | 1.59/2.57 | 2.63/2.84 | 2.48/1.51 | 0.93/0.27 | 0.42/0.00 | -2.22/-4.38 | -3.72/-1.72 | -2.67/-6.82 | -5.56/-3.46 | -3.07/-3.04 | 0.56/0.88 | 1.36/-1.30 | -0.82/2.97 | 1.46/1.37 | 4.90/5.50 | 3.48/2.64 | 2.18/0.20 | 0.14/0.52 | -0.02/-0.85 | -0.45/1.01 | 1.93/0.48 |
| Θ(82.5°) | -7.63/-12.54 | -8.04/-7.33 | -4.29/-0.92 | 1.65/2.91 | 2.44/2.64 | 2.72/3.47 | 3.30/1.92 | -0.69/-1.79 | -2.23/-3.95 | -4.48/-3.81 | -5.03/-9.07 | -6.65/-4.63 | -3.12/-2.12 | 0.80/0.95 | 1.10/-1.81 | 0.55/2.63 | 0.76/2.93 | 6.79/6.87 | 5.01/4.58 | 3.36/-0.89 | -3.54/-0.75 | -0.26/-1.66 | -3.02/-1.56 | -1.35/-2.74 |
| Θ(90°) | -7.43/-10.92 | -4.65/-7.28 | -6.75/-1.71 | 0.58/1.35 | 0.82/0.96 | 1.68/2.05 | 1.69/1.67 | 0.59/-1.82 | -2.79/-3.90 | -4.97/-5.25 | -7.67/-9.65 | -10.76/-9.60 | -4.33/-5.32 | 0.53/1.44 | 0.80/-0.43 | -0.37/0.93 | -1.12/2.36 | 6.61/7.20 | 6.29/6.65 | 6.25/2.97 | -2.62/-1.11 | -0.52/-2.59 | -7.51/-5.94 | -1.78/-3.10 |
| Θ(97.5°) | -10.07/-6.22 | -5.37/-8.35 | -5.65/-3.22 | -1.51/-1.16 | -1.37/-1.45 | -2.13/-1.31 | -2.17/-3.49 | -0.49/-2.26 | -1.52/-3.23 | -3.21/-6.14 | -10.57/-13.58 | -12.94/-10.06 | -11.01/-5.42 | 0.66/-0.02 | 0.30/-0.45 | -0.59/-0.23 | -3.71/1.87 | 4.99/5.94 | 5.93/6.91 | 6.65/4.64 | -0.50/-2.21 | -2.28/-4.41 | -10.18/-6.24 | -1.96/-4.50 |
| Θ(105°) | -7.59/-11.43 | -8.68/-6.98 | -8.41/-9.49 | -7.49/-3.52 | -4.58/-7.29 | -7.15/-3.66 | -3.16/-7.07 | -2.31/-3.21 | -2.67/-4.88 | -5.35/-7.35 | -8.12/-12.56 | -10.32/-8.18 | -10.44/-5.82 | -2.37/-1.13 | -0.42/-0.41 | -1.50/-2.29 | -4.44/-1.48 | 2.21/3.76 | 4.77/6.43 | 6.11/5.12 | 0.95/-1.68 | -5.21/-9.65 | -7.75/-2.97 | -1.03/-5.38 |
| Θ(112.5°) | -15.78/-9.96 | -12.06/-13.84 | -12.93/-14.96 | -12.45/-5.15 | -7.01/-9.22 | -9.96/-7.78 | -4.97/-7.79 | -2.42/-4.92 | -4.26/-5.91 | -8.23/-9.43 | -10.95/-10.71 | -10.25/-9.51 | -6.15/-5.07 | -2.38/-2.08 | -4.16/-2.78 | -5.01/-4.31 | -6.24/-5.80 | 0.35/0.07 | 3.27/4.62 | 4.91/4.41 | -0.51/-2.97 | -7.06/-15.13 | -9.72/-8.33 | -4.09/-7.01 |
| Θ(120°) | -8.33/-15.76 | -10.85/-11.71 | -14.46/-10.80 | -9.95/-12.89 | -9.67/-9.34 | -9.91/-11.61 | -11.82/-8.31 | -4.67/-6.04 | -5.84/-8.28 | -8.62/-11.03 | -13.24/-10.89 | -11.68/-9.90 | -6.97/-6.16 | -4.81/-2.64 | -2.64/-2.63 | -4.78/-5.33 | -5.97/-8.79 | -4.92/-5.80 | 0.16/2.26 | 3.52/2.96 | -2.04/-7.21 | -7.39/-15.21 | -8.97/-7.49 | -7.70/-6.18 |
| Θ(127.5°) | -7.79/-7.49 | -8.53/-8.26 | -7.90/-11.87 | -15.54/-9.61 | -8.57/-10.03 | -15.81/-15.26 | -11.02/-9.42 | -9.51/-7.31 | -6.18/-4.47 | -6.89/-8.42 | -10.02/-11.60 | -9.82/-7.33 | -6.15/-6.45 | -7.45/-3.02 | -2.47/-5.94 | -7.82/-6.07 | -3.47/-6.70 | -10.62/-12.38 | -6.24/-1.70 | -0.25/-1.70 | -5.98/-13.75 | -10.29/-8.57 | -11.73/-9.17 | -8.42/-7.99 |
| Θ(135°) | -9.69/-14.36 | -13.15/-12.35 | -13.59/-10.29 | -9.38/-10.66 | -11.08/-11.51 | -14.66/-14.23 | -10.30/-8.54 | -9.92/-9.47 | -7.10/-5.89 | -6.01/-6.56 | -9.92/-9.96 | -9.99/-7.50 | -6.44/-6.85 | -6.93/-4.04 | -5.80/-11.40 | -11.17/-7.84 | -3.90/-5.65 | -8.08/-7.01 | -5.96/-2.48 | -0.56/-2.49 | -6.85/-12.58 | -12.97/-14.31 | -15.34/-12.88 | -13.23/-13.05 |
| Θ(142.5°) | -12.84/-15.26 | -12.39/-10.78 | -11.67/-13.10 | -10.12/-11.61 | -11.30/-11.91 | -10.62/-10.97 | -12.17/-8.97 | -6.90/-7.41 | -8.82/-8.66 | -8.09/-8.34 | -9.02/-9.16 | -10.75/-13.20 | -12.82/-10.54 | -10.24/-9.05 | -9.06/-11.88 | -12.64/-8.60 | -7.16/-8.79 | -7.54/-5.11 | -4.40/-4.02 | -3.37/-5.00 | -9.26/-9.10 | -12.23/-15.13 | -9.64/-9.41 | -12.90/-13.64 |
| Θ(150°) | -6.90/-6.39 | -9.77/-13.74 | -10.89/-12.45 | -14.86/-13.32 | -13.16/-15.42 | -15.41/-13.12 | -10.47/-9.79 | -11.04/-11.49 | -12.06/-9.28 | -7.20/-6.95 | -9.30/-9.37 | -7.44/-7.69 | -12.24/-15.43 | -11.42/-11.26 | -12.22/-13.38 | -12.66/-13.14 | -13.61/-14.23 | -10.86/-7.19 | -6.12/-7.07 | -9.10/-10.31 | -8.66/-8.41 | -8.53/-8.86 | -9.17/-10.44 | -12.64/-9.31 |
| Θ(157.5°) | -12.89/-11.99 | -14.38/-14.43 | -11.84/-10.69 | -12.22/-12.61 | -12.91/-12.75 | -11.42/-11.63 | -11.45/-11.41 | -9.65/-7.01 | -5.49/-5.62 | -7.28/-10.47 | -8.98/-6.35 | -6.28/-8.76 | -10.73/-9.10 | -6.94/-6.08 | -6.88/-8.52 | -8.53/-7.06 | -7.16/-8.79 | -11.68/-13.21 | -11.56/-9.32 | -8.98/-10.09 | -14.82/-14.94 | -11.76/-8.68 | -8.62/-9.94 | -13.15/-15.18 |
| Θ(165°) | -12.49/-10.15 | -10.25/-9.30 | -8.57/-8.11 | -7.93/-7.72 | -7.57/-8.01 | -9.10/-10.88 | -12.83/-13.37 | -14.63/-15.38 | -15.23/-12.43 | -9.05/-6.36 | -4.93/-4.88 | -6.27/-9.74 | -12.10/-9.99 | -7.18/-6.26 | -6.86/-8.61 | -9.99/-11.03 | -12.70/-13.86 | -15.76/-14.74 | -12.17/-10.71 | -10.41/-11.08 | -11.33/-9.24 | -7.08/-6.19 | -6.21/-8.37 | -12.11/-15.66 |
| Θ(172.5°) | -10.26/-10.00 | -12.29/-14.04 | -14.16/-15.30 | -14.61/-13.69 | -11.73/-9.39 | -7.87/-6.83 | -6.23/-5.32 | -4.86/-4.63 | -4.64/-4.72 | -5.17/-5.74 | -6.57/-8.29 | -10.76/-13.50 | -14.38/-13.54 | -11.77/-11.09 | -10.45/-10.34 | -10.66/-10.24 | -10.22/-11.20 | -12.59/-13.93 | -14.48/-14.75 | -14.15/-13.13 | -12.18/-10.84 | -8.79/-8.09 | -9.18/-10.60 | -11.32/-10.78 |
| Θ(180°) | -10.11/-11.64 | -13.63/-13.84 | -13.02/-11.79 | -10.64/-10.27 | -11.03/-11.56 | -11.30/-11.29 | -11.58/-12.88 | -14.15/-13.88 | -13.37/-13.40 | -12.55/-12.06 | -11.13/-10.09 | -9.74/-8.87 | -8.44/-7.54 | -6.86/-6.16 | -5.55/-5.44 | -5.47/-5.47 | -5.68/-5.70 | -5.81/-5.75 | -5.57/-5.37 | -5.02/-4.65 | -4.48/-4.56 | -4.96/-5.71 | -5.60/-5.47 | -6.16/-7.32 |
| Freq(Hz) | 5.6G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 5.18/5.23 | 5.56/5.45 | 5.36/5.42 | 5.43/5.47 | 5.31/5.27 | 5.33/5.29 | 5.30/5.30 | 5.06/4.84 | 4.75/4.88 | 4.94/4.95 | 4.89/4.81 | 4.89/5.09 | 5.29/5.44 | 5.39/5.20 | 5.00/5.08 | 5.24/5.41 | 5.32/5.27 | 5.06/5.09 | 5.13/5.07 | 5.03/5.07 | 5.22/5.07 | 4.92/4.91 | 5.12/5.54 | 5.74/5.51 |
| Θ(7.5°) | 4.65/4.62 | 4.90/4.91 | 4.70/4.59 | 4.39/4.39 | 4.20/4.26 | 4.40/4.35 | 4.38/4.39 | 4.42/4.58 | 4.66/4.73 | 4.82/4.97 | 5.10/5.18 | 5.06/5.09 | 5.09/5.09 | 5.01/4.92 | 4.75/4.74 | 4.67/4.54 | 4.26/3.95 | 3.74/3.67 | 3.72/3.62 | 3.57/3.80 | 4.01/4.16 | 4.26/4.36 | 4.48/4.82 | 4.96/4.97 |
| Θ(15°) | 4.05/4.30 | 4.30/4.01 | 3.64/3.16 | 2.41/2.42 | 2.20/2.33 | 2.50/2.98 | 3.20/3.44 | 3.32/2.98 | 2.54/2.25 | 2.18/2.55 | 3.15/3.62 | 3.82/3.93 | 3.78/3.62 | 3.41/3.40 | 3.61/3.81 | 3.90/3.84 | 3.63/3.31 | 2.94/2.44 | 1.81/1.06 | 0.76/0.61 | 0.34/-0.02 | 0.21/0.87 | 1.73/2.53 | 2.87/3.63 |
| Θ(22.5°) | 3.67/3.79 | 3.74/2.91 | 1.64/0.69 | -0.18/0.49 | 0.99/1.12 | 1.27/1.58 | 2.13/2.80 | 3.20/3.10 | 2.75/1.77 | 0.73/0.19 | 0.70/1.24 | 1.44/0.96 | 0.82/1.48 | 2.70/3.75 | 4.43/4.82 | 5.23/5.55 | 5.50/5.22 | 4.80/4.35 | 3.93/3.46 | 3.07/2.67 | 2.26/1.64 | 0.52/-0.58 | -0.68/0.87 | 2.15/3.37 |
| Θ(30°) | 1.76/2.00 | 1.00/-0.45 | -1.37/-2.93 | -3.62/-2.17 | -1.83/-2.71 | -4.39/-5.54 | -5.05/-3.92 | -2.57/-1.00 | 0.68/1.55 | 1.06/-0.53 | -1.97/-0.86 | -0.22/-1.04 | -2.30/-0.45 | 2.11/3.46 | 3.93/4.23 | 4.62/4.76 | 4.33/3.57 | 3.09/2.83 | 2.68/2.47 | 2.49/2.52 | 2.51/2.18 | 1.45/0.27 | -1.26/-1.49 | -1.60/0.51 |
| Θ(37.5°) | -3.67/-3.11 | -4.60/-5.93 | -6.21/-8.82 | -10.86/-12.28 | -13.20/-10.68 | -9.01/-9.54 | -11.46/-10.94 | -7.88/-5.67 | -2.92/0.03 | 1.38/0.31 | -1.95/-1.96 | -1.35/-2.30 | -3.16/-0.58 | 1.21/1.70 | 2.55/3.32 | 3.41/2.69 | 1.83/1.13 | -0.27/-3.01 | -4.78/-3.77 | -2.33/-1.69 | -1.59/-1.15 | -1.15/-2.89 | -6.07/-4.67 | -3.14/-3.33 |
| Θ(45°) | -8.78/-6.58 | -5.41/-4.87 | -7.55/-10.83 | -9.01/-7.17 | -3.64/-2.32 | -1.23/-0.38 | -0.83/-1.92 | -2.82/-4.42 | -5.09/-3.92 | -0.43/0.75 | -1.32/-4.06 | -3.49/-3.40 | -2.78/-0.97 | -0.09/-0.37 | 0.98/1.96 | 1.27/1.01 | 1.18/0.12 | -1.63/-2.30 | -1.66/-1.47 | -2.62/-4.43 | -5.70/-6.98 | -6.64/-7.27 | -9.29/-7.49 | -5.48/-6.32 |
| Θ(52.5°) | -1.62/-3.73 | -1.91/-1.26 | -4.99/-6.54 | -4.65/-3.30 | -2.33/-0.56 | 0.69/1.28 | 1.37/1.04 | 0.53/0.00 | -0.32/-1.51 | -1.13/-0.50 | -2.51/-4.29 | -5.48/-5.28 | -2.02/-1.04 | -0.34/-0.35 | -0.69/-1.34 | -2.83/-0.07 | 1.70/1.75 | 0.54/0.47 | 1.23/0.93 | 0.02/-0.53 | 0.23/0.39 | -0.61/-1.10 | -2.20/-3.31 | -3.51/-1.98 |
| Θ(60°) | -0.43/-0.10 | -1.37/-1.73 | -5.37/-2.43 | -2.43/-1.58 | -0.52/0.24 | 0.17/0.92 | 1.24/0.69 | 0.27/0.52 | 1.81/1.67 | 0.05/0.13 | -1.28/-4.64 | -8.46/-6.06 | -4.21/-2.65 | -1.14/-2.43 | -1.34/0.04 | -1.41/2.23 | 3.65/2.51 | 0.27/-0.79 | -1.64/-2.40 | -3.55/-3.55 | -0.82/0.69 | 0.47/0.46 | 0.18/0.48 | -0.70/-2.56 |
| Θ(67.5°) | -1.73/-2.94 | -3.55/-2.56 | -5.29/-1.42 | -0.99/-0.47 | -0.48/-1.18 | -1.30/0.86 | 1.74/1.59 | 0.41/-0.28 | 1.02/2.03 | 0.86/-0.05 | -1.76/-6.98 | -6.85/-3.84 | -2.87/-0.69 | -2.32/-2.82 | -0.29/-0.53 | -1.48/2.60 | 3.58/2.46 | 1.37/0.88 | -1.20/-4.62 | -5.83/-3.11 | 0.75/1.49 | -0.37/-0.81 | -0.66/0.28 | 0.12/-1.62 |
| Θ(75°) | -4.45/-4.78 | -9.36/-5.97 | -5.56/-2.03 | -0.96/-1.10 | -1.41/-2.39 | -0.90/0.48 | 0.92/0.46 | -0.04/-0.69 | -1.04/-0.56 | -0.75/-1.51 | -1.79/-5.25 | -7.24/-3.59 | -2.17/-1.05 | -2.46/-0.17 | -0.59/-1.54 | -4.83/2.43 | 3.91/3.36 | 3.88/5.48 | 4.36/2.24 | 0.35/-1.15 | 1.10/1.27 | -1.16/-2.50 | -1.09/0.23 | -0.26/-1.03 |
| Θ(82.5°) | -7.66/-6.79 | -9.67/-5.21 | -4.08/-2.12 | -4.39/-4.96 | -2.24/-0.27 | 2.18/3.11 | 3.14/2.30 | 0.76/-0.01 | 0.36/-1.25 | -4.16/-4.64 | -4.68/-7.11 | -6.61/-3.40 | -1.12/-2.60 | 0.69/1.14 | -0.61/-2.31 | -2.48/2.15 | 2.83/3.18 | 5.89/7.32 | 5.87/4.38 | 2.46/-2.23 | -1.03/0.98 | -0.49/-2.75 | -1.98/-1.29 | -1.02/-2.43 |
| Θ(90°) | -6.79/-6.64 | -12.34/-6.73 | -6.74/-3.93 | -5.47/-5.73 | -1.43/-0.99 | 0.24/-0.00 | 0.55/1.80 | 1.67/-0.14 | 0.21/-0.15 | -4.28/-6.84 | -9.09/-7.30 | -9.96/-3.93 | -4.02/-2.47 | -0.52/2.64 | 0.69/-1.05 | -1.09/0.89 | 0.80/1.63 | 5.66/7.33 | 6.91/6.52 | 6.02/2.63 | -4.05/-0.27 | -0.09/-3.19 | -5.01/-2.68 | -2.80/-5.50 |
| Θ(97.5°) | -4.72/-4.77 | -10.49/-12.37 | -10.44/-6.73 | -5.20/-4.87 | -5.46/-2.42 | -3.21/-5.25 | -3.28/0.49 | 0.75/-0.94 | -0.99/-1.18 | -3.75/-5.20 | -13.09/-9.34 | -13.67/-7.67 | -6.25/-4.90 | -1.21/2.56 | -0.34/-0.43 | -1.01/-0.09 | -1.98/0.56 | 4.59/6.16 | 6.09/7.12 | 7.24/4.43 | -2.70/-2.75 | -1.90/-5.38 | -9.17/-6.19 | -4.57/-4.79 |
| Θ(105°) | -4.69/-3.77 | -11.37/-8.53 | -10.12/-8.31 | -9.46/-7.15 | -7.33/-3.78 | -5.78/-5.06 | -6.09/-2.66 | 0.31/-2.90 | -2.72/-2.62 | -4.10/-3.32 | -10.60/-11.25 | -15.48/-15.25 | -9.78/-9.22 | -4.34/-0.50 | -1.06/-0.68 | 0.14/-3.26 | -5.54/-1.82 | 1.84/3.85 | 4.18/6.09 | 6.78/5.21 | -2.37/-5.39 | -7.26/-13.32 | -8.17/-3.24 | -4.35/-6.34 |
| Θ(112.5°) | -3.66/-5.14 | -7.10/-15.04 | -12.53/-10.50 | -13.20/-12.18 | -10.50/-11.74 | -8.72/-3.80 | -7.58/-4.55 | -1.06/-3.02 | -3.85/-6.68 | -6.74/-5.60 | -10.09/-11.28 | -12.49/-9.52 | -9.52/-7.39 | -4.72/-2.23 | -2.62/-2.86 | -1.22/-6.75 | -6.44/-4.50 | -0.72/1.67 | 2.66/5.18 | 5.62/5.10 | -1.12/-8.02 | -7.69/-9.08 | -6.60/-4.57 | -2.95/-8.26 |
| Θ(120°) | -6.82/-8.76 | -14.67/-11.85 | -9.06/-10.28 | -11.21/-11.87 | -12.75/-14.85 | -13.56/-9.46 | -9.85/-5.57 | -2.70/-3.44 | -4.53/-7.85 | -8.16/-7.17 | -7.89/-8.36 | -10.85/-9.47 | -6.77/-7.06 | -5.91/-4.79 | -2.76/-3.14 | -4.58/-4.84 | -4.87/-6.85 | -5.03/-5.19 | -1.37/2.15 | 3.09/2.49 | -0.85/-8.82 | -5.77/-12.13 | -5.15/-4.46 | -7.90/-8.21 |
| Θ(127.5°) | -9.14/-13.85 | -10.98/-14.35 | -10.68/-12.43 | -10.87/-10.67 | -15.79/-12.35 | -10.21/-11.79 | -9.00/-6.17 | -5.79/-5.68 | -5.72/-6.40 | -7.29/-6.64 | -7.17/-11.27 | -13.49/-9.30 | -8.87/-6.92 | -9.06/-4.23 | -1.19/-4.72 | -7.84/-5.32 | -4.24/-5.36 | -8.24/-8.51 | -3.84/-1.29 | 0.80/-1.43 | -8.42/-10.12 | -7.77/-9.14 | -8.88/-7.54 | -8.12/-9.49 |
| Θ(135°) | -13.06/-12.00 | -14.86/-15.93 | -13.53/-9.48 | -9.96/-11.37 | -12.26/-14.62 | -15.04/-14.94 | -11.34/-7.01 | -6.43/-8.92 | -7.98/-6.69 | -8.20/-5.69 | -6.41/-8.32 | -14.26/-12.29 | -11.43/-7.42 | -8.33/-5.97 | -2.48/-7.07 | -12.79/-4.48 | -3.38/-4.96 | -7.47/-6.56 | -5.09/-1.46 | 0.38/-0.91 | -5.35/-10.12 | -11.95/-12.94 | -9.22/-8.79 | -10.54/-15.34 |
| Θ(142.5°) | -12.81/-11.74 | -15.35/-9.63 | -12.48/-15.00 | -13.27/-14.28 | -10.80/-11.49 | -12.12/-13.58 | -12.97/-12.39 | -11.55/-9.66 | -9.66/-8.85 | -7.04/-9.03 | -9.20/-8.23 | -13.31/-15.68 | -15.66/-11.22 | -13.74/-14.08 | -8.36/-10.27 | -11.85/-6.53 | -6.77/-7.14 | -5.41/-3.16 | -2.08/-2.07 | -2.82/-4.73 | -7.14/-6.60 | -13.52/-12.69 | -9.12/-10.82 | -15.68/-15.18 |
| Θ(150°) | -8.93/-9.38 | -12.37/-13.92 | -14.19/-14.97 | -11.17/-10.82 | -10.96/-10.99 | -10.66/-10.19 | -10.22/-12.50 | -11.52/-8.86 | -7.28/-6.56 | -6.46/-5.32 | -5.15/-7.31 | -11.25/-8.86 | -9.82/-13.42 | -15.43/-16.20 | -12.67/-9.12 | -7.35/-8.61 | -10.49/-13.77 | -14.93/-9.30 | -5.16/-5.61 | -8.59/-8.16 | -4.73/-3.42 | -6.04/-8.70 | -10.46/-13.39 | -11.36/-10.10 |
| Θ(157.5°) | -10.02/-11.95 | -14.18/-14.94 | -12.67/-12.31 | -12.37/-13.77 | -13.62/-12.92 | -11.27/-10.87 | -10.85/-11.63 | -12.00/-11.37 | -9.32/-7.28 | -6.51/-8.16 | -10.86/-11.37 | -10.84/-10.38 | -10.52/-8.60 | -7.09/-7.18 | -6.68/-6.71 | -8.00/-9.38 | -7.66/-5.34 | -5.35/-6.86 | -8.30/-8.59 | -8.35/-8.75 | -8.67/-10.48 | -11.09/-11.45 | -13.07/-14.87 | -13.69/-10.53 |
| Θ(165°) | -13.76/-10.44 | -7.51/-6.14 | -5.78/-6.23 | -7.46/-8.30 | -8.81/-9.86 | -10.67/-10.80 | -9.66/-9.05 | -10.44/-11.70 | -11.18/-10.66 | -12.64/-15.99 | -13.42/-9.43 | -6.59/-5.40 | -5.94/-7.67 | -9.33/-9.09 | -7.68/-6.89 | -7.94/-10.62 | -11.68/-11.49 | -11.61/-13.37 | -14.20/-12.48 | -10.19/-9.23 | -8.34/-6.93 | -6.13/-6.32 | -7.70/-9.13 | -11.99/-14.14 |
| Θ(172.5°) | -10.67/-10.97 | -11.68/-10.64 | -9.83/-9.17 | -8.98/-8.25 | -7.31/-6.71 | -6.81/-7.44 | -8.31/-8.95 | -9.31/-9.00 | -8.85/-9.03 | -9.08/-9.61 | -9.65/-9.66 | -9.34/-9.34 | -9.52/-10.18 | -11.44/-12.73 | -12.97/-13.49 | -12.45/-11.60 | -10.66/-10.22 | -10.27/-11.57 | -12.53/-13.75 | -13.69/-10.73 | -8.73/-6.97 | -5.23/-4.89 | -5.84/-7.34 | -8.99/-9.55 |
| Θ(180°) | -10.12/-11.60 | -15.01/-15.95 | -13.68/-13.09 | -11.24/-9.81 | -9.72/-9.93 | -9.93/-9.82 | -9.36/-9.28 | -9.34/-9.46 | -9.49/-9.55 | -9.32/-9.21 | -9.51/-9.79 | -9.82/-9.38 | -8.52/-7.61 | -7.65/-8.25 | -8.18/-7.50 | -6.76/-6.23 | -5.77/-5.78 | -5.87/-6.20 | -6.41/-6.10 | -6.11/-6.17 | -6.13/-6.06 | -6.02/-6.36 | -6.91/-7.22 | -8.14/-9.02 |
| Freq(Hz) | 5.785G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 4.06/4.10 | 4.64/4.93 | 4.95/4.97 | 4.87/4.69 | 4.58/4.58 | 4.57/4.48 | 4.52/4.62 | 4.57/4.45 | 4.23/4.30 | 4.47/4.48 | 4.46/4.33 | 4.24/4.40 | 4.44/4.50 | 4.49/4.56 | 4.38/4.44 | 4.51/4.44 | 4.27/4.26 | 4.26/4.23 | 4.15/3.97 | 3.83/3.91 | 4.14/4.38 | 4.34/4.22 | 4.50/4.83 | 4.76/4.43 |
| Θ(7.5°) | 3.63/3.48 | 4.02/4.22 | 3.89/3.97 | 3.99/3.70 | 3.62/3.58 | 3.57/3.43 | 3.49/3.47 | 3.34/3.40 | 3.53/3.72 | 3.82/4.09 | 4.41/4.46 | 4.34/4.30 | 4.32/4.26 | 4.41/4.51 | 4.50/4.64 | 4.50/4.32 | 4.21/4.14 | 4.11/4.10 | 3.99/3.71 | 3.50/3.53 | 3.72/4.01 | 4.05/3.93 | 4.00/4.17 | 4.47/4.20 |
| Θ(15°) | 2.90/2.96 | 3.20/2.86 | 2.45/2.66 | 2.75/2.93 | 3.41/3.57 | 3.29/2.91 | 3.04/2.90 | 2.67/2.32 | 2.02/1.48 | 1.16/1.43 | 1.97/2.57 | 3.05/3.18 | 2.83/2.51 | 2.33/2.25 | 2.39/2.59 | 2.77/2.62 | 2.47/2.18 | 1.94/1.56 | 1.12/0.78 | 0.87/1.05 | 1.34/1.49 | 1.24/1.26 | 2.01/2.66 | 3.21/2.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(22.5°) | 2.95/2.46 | 1.96/1.07 | 0.43/1.25 | 2.55/3.09 | 3.44/3.30 | 2.41/2.01 | 2.16/2.48 | 2.64/2.73 | 2.89/2.45 | 1.57/0.10 | -1.30/-0.88 | 0.29/0.81 | 0.31/-0.19 | 0.17/1.65 | 2.75/3.54 | 3.80/3.92 | 3.93/4.03 | 4.07/3.96 | 3.43/2.73 | 1.82/0.95 | 0.46/0.02 | -0.42/-0.66 | 0.07/1.58 | 3.02/3.07 |
| Θ(30°) | 2.22/1.63 | 0.55/-0.76 | -0.68/1.01 | 1.83/0.86 | -1.01/-2.65 | -3.58/-2.54 | -1.25/-0.88 | -0.91/-0.45 | 0.87/1.93 | 2.47/1.85 | -0.43/-2.08 | -0.56/0.57 | -0.04/-1.11 | 0.33/2.27 | 3.14/3.27 | 3.10/3.37 | 3.83/4.07 | 3.80/3.33 | 2.63/2.18 | 1.85/1.40 | 0.77/-0.09 | -0.98/-1.91 | -1.80/0.03 | 1.86/2.27 |
| Θ(37.5°) | -1.36/-2.53 | -3.67/-4.76 | -4.04/-2.87 | -3.38/-6.81 | -11.26/-10.04 | -6.99/-5.78 | -6.26/-6.65 | -6.18/-5.27 | -4.82/-2.53 | 0.54/1.36 | -0.16/-1.97 | -0.79/0.54 | -0.26/-0.07 | 1.57/1.84 | 1.28/1.69 | 2.17/2.33 | 2.21/1.23 | 0.18/-0.75 | -1.95/-2.23 | -2.20/-3.09 | -2.83/-1.70 | -2.08/-4.75 | -5.70/-2.43 | -0.66/-0.43 |
| Θ(45°) | -6.41/-4.85 | -3.66/-4.89 | -12.24/-12.72 | -12.29/-10.01 | -10.52/-10.90 | -10.04/-8.30 | -6.42/-5.89 | -6.46/-7.02 | -5.75/-5.61 | -3.24/-0.16 | -0.68/-3.95 | -4.70/-1.30 | 0.27/0.95 | 1.14/0.88 | -0.38/0.35 | -0.60/-1.91 | -1.33/-0.37 | -0.69/-1.74 | -1.76/-2.33 | -4.02/-5.45 | -8.11/-8.86 | -5.25/-5.16 | -7.61/-9.32 | -8.74/-6.79 |
| Θ(52.5°) | -5.77/-5.44 | -1.18/-1.45 | -7.80/-8.73 | -6.07/-5.65 | -5.49/-4.35 | -2.91/-1.47 | -1.26/-1.76 | -1.99/-2.24 | -2.47/-3.58 | -3.59/-1.10 | -1.79/-4.55 | -4.35/-4.05 | -0.99/0.58 | 0.07/0.05 | -0.65/-1.24 | -4.03/-3.73 | 0.01/1.15 | 1.34/1.73 | 1.87/1.83 | 1.64/0.78 | -0.40/-1.49 | -1.75/-1.86 | -3.95/-4.80 | -8.25/-6.47 |
| Θ(60°) | -2.82/-1.56 | 0.85/-1.39 | -8.68/-7.18 | -6.79/-3.96 | -2.49/-1.89 | -1.47/-0.77 | -0.76/-1.03 | -1.33/-1.40 | -0.22/0.38 | -1.34/-1.05 | -1.42/-4.34 | -5.06/-7.80 | -0.97/-0.96 | -1.44/-0.50 | -3.74/-1.21 | -2.42/-0.96 | 1.65/1.61 | 0.06/-1.40 | -2.04/-1.44 | -0.39/-0.69 | -0.75/-0.04 | -0.08/0.28 | -0.98/-0.63 | -1.91/-3.04 |
| Θ(67.5°) | -1.51/-2.21 | -1.35/-7.39 | -9.95/-4.78 | -7.29/-3.46 | -3.28/-1.96 | 0.03/0.43 | 0.80/1.10 | 0.77/-0.79 | -1.09/0.29 | -0.27/-1.01 | -2.09/-2.79 | -5.54/-3.56 | -2.22/-4.34 | -0.95/-1.72 | -2.84/-0.06 | -2.58/0.99 | 2.96/2.54 | 0.12/-1.77 | -2.70/-3.29 | -5.17/-3.83 | -0.94/-1.05 | -1.30/0.01 | -0.19/0.43 | 0.08/-0.15 |
| Θ(75°) | -6.32/-4.92 | -5.17/-11.54 | -9.25/-5.10 | -6.83/-3.81 | -3.36/-2.29 | -0.33/-0.25 | -0.36/0.34 | 2.09/1.64 | 0.95/0.01 | -0.29/-1.14 | -1.85/-2.11 | -5.38/-2.14 | -1.16/-1.66 | -3.10/-1.70 | -1.15/-0.12 | -4.09/0.69 | 3.95/4.45 | 2.49/3.25 | 2.35/0.51 | -1.44/-2.68 | -0.17/-0.52 | -3.66/-3.33 | -1.10/0.55 | 0.90/-0.90 |
| Θ(82.5°) | -6.53/-6.08 | -8.75/-7.54 | -8.92/-9.22 | -8.69/-3.73 | -1.92/0.70 | 2.45/2.42 | 2.95/3.06 | 1.30/1.20 | 0.98/0.33 | -3.68/-3.83 | -3.11/-3.16 | -3.70/-1.58 | 0.77/-1.95 | -1.93/0.47 | -1.31/-1.87 | -6.17/1.76 | 3.83/4.08 | 4.17/6.26 | 5.49/3.28 | 0.37/-2.37 | -0.34/-0.25 | -3.01/-4.29 | -2.18/-1.14 | 0.05/-1.43 |
| Θ(90°) | -5.73/-3.89 | -9.04/-7.66 | -10.08/-8.73 | -7.16/-2.99 | -0.90/-0.16 | 0.42/0.08 | 1.48/2.75 | 2.68/-0.36 | 0.22/1.68 | -3.42/-7.87 | -8.13/-5.11 | -6.92/-2.85 | -0.56/-0.36 | -2.27/0.84 | -0.51/-2.05 | -3.52/-0.11 | 1.28/2.20 | 3.21/6.50 | 6.47/5.45 | 3.82/0.54 | -1.59/1.30 | -1.08/-6.41 | -3.17/-1.25 | -1.48/-4.61 |
| Θ(97.5°) | -3.32/-5.19 | -10.33/-9.87 | -10.07/-4.78 | -6.29/-4.09 | -3.71/-1.67 | -4.49/-3.09 | -0.61/0.55 | 2.05/-2.74 | -2.90/-0.59 | -4.99/-6.49 | -10.22/-11.96 | -13.10/-5.13 | -3.35/-0.55 | -5.21/1.23 | -0.88/-3.43 | -1.80/-1.33 | -1.39/-2.04 | 2.13/5.64 | 5.91/6.19 | 5.57/2.66 | -0.87/-0.02 | -1.14/-7.10 | -5.63/-4.26 | -2.47/-4.37 |
| Θ(105°) | -3.62/-5.17 | -6.07/-8.86 | -7.45/-5.76 | -6.71/-8.17 | -4.77/-6.38 | -10.82/-5.26 | -4.15/-2.48 | 0.56/-1.84 | -4.78/-4.61 | -7.12/-5.19 | -8.00/-11.80 | -14.66/-9.72 | -6.26/-2.55 | -7.11/-0.90 | -1.08/-2.08 | -0.89/-1.88 | -3.71/-4.47 | -0.57/3.07 | 2.93/4.14 | 4.53/4.23 | -2.05/-2.41 | -8.04/-12.85 | -5.95/-2.51 | -2.23/-3.13 |
| Θ(112.5°) | -2.99/-6.81 | -7.27/-9.86 | -9.15/-7.32 | -13.47/-8.32 | -9.06/-11.97 | -8.02/-7.30 | -8.92/-5.03 | -0.71/-2.63 | -3.26/-5.75 | -8.06/-6.61 | -8.82/-12.83 | -13.32/-10.05 | -6.28/-7.52 | -4.53/-1.80 | -1.61/-5.25 | -1.44/-4.68 | -4.89/-3.84 | -3.82/1.85 | 1.99/3.68 | 4.16/4.34 | -2.09/-7.22 | -8.20/-14.60 | -9.54/-3.01 | -1.25/-6.23 |
| Θ(120°) | -4.99/-8.91 | -9.21/-6.96 | -6.29/-9.86 | -12.80/-10.61 | -13.01/-15.21 | -10.92/-10.24 | -9.43/-4.41 | -2.24/-3.97 | -4.99/-7.84 | -7.76/-6.42 | -7.23/-7.55 | -12.00/-9.37 | -4.74/-4.93 | -3.14/-4.35 | -1.68/-5.24 | -4.36/-6.18 | -5.51/-2.82 | -8.60/-3.72 | -2.75/0.78 | 2.25/2.23 | -0.92/-11.02 | -8.19/-14.53 | -5.75/-4.90 | -4.19/-7.67 |
| Θ(127.5°) | -8.26/-12.25 | -12.75/-10.24 | -10.38/-11.85 | -11.12/-15.79 | -14.95/-12.95 | -14.89/-11.62 | -8.43/-6.15 | -6.66/-5.94 | -5.51/-8.82 | -7.12/-6.28 | -4.42/-9.64 | -15.06/-10.54 | -7.00/-8.06 | -5.61/-6.49 | -1.88/-5.66 | -9.81/-6.55 | -6.45/-5.05 | -8.62/-8.29 | -4.99/-1.97 | 0.40/-2.16 | -8.85/-9.80 | -14.43/-8.83 | -4.74/-4.20 | -5.11/-6.60 |
| Θ(135°) | -11.27/-10.13 | -15.64/-15.84 | -13.88/-12.09 | -12.85/-12.80 | -14.09/-14.80 | -15.64/-14.77 | -14.42/-12.32 | -11.33/-10.55 | -11.08/-9.29 | -9.20/-7.36 | -5.19/-7.36 | -11.24/-15.66 | -11.76/-7.40 | -6.78/-8.97 | -3.21/-5.51 | -15.39/-4.96 | -4.67/-5.79 | -7.17/-7.88 | -4.88/-2.03 | -0.54/-0.08 | -3.21/-14.51 | -14.37/-13.60 | -7.21/-4.89 | -8.62/-15.15 |
| Θ(142.5°) | -12.55/-13.53 | -15.45/-13.90 | -15.28/-13.81 | -13.62/-13.76 | -11.29/-12.95 | -14.16/-13.46 | -13.22/-13.58 | -12.99/-10.53 | -8.71/-8.36 | -9.06/-6.81 | -5.89/-7.88 | -10.62/-12.27 | -15.32/-12.27 | -14.18/-11.60 | -7.51/-9.05 | -15.73/-6.44 | -7.29/-6.56 | -5.45/-4.90 | -3.86/-3.74 | -4.20/-5.03 | -7.19/-8.86 | -15.06/-13.42 | -10.18/-12.12 | -13.69/-12.21 |
| Θ(150°) | -11.38/-12.68 | -13.14/-15.09 | -15.94/-13.37 | -10.78/-10.75 | -11.87/-13.12 | -13.95/-13.52 | -12.50/-12.59 | -11.55/-7.76 | -5.66/-5.27 | -5.07/-4.84 | -4.61/-5.28 | -6.96/-8.71 | -8.49/-9.16 | -11.40/-14.48 | -11.03/-7.79 | -8.51/-8.62 | -9.23/-10.77 | -13.96/-11.80 | -6.79/-6.95 | -8.99/-8.37 | -4.79/-3.44 | -6.33/-11.25 | -12.16/-11.73 | -8.58/-10.06 |
| Θ(157.5°) | -8.76/-10.79 | -12.75/-14.48 | -12.77/-13.19 | -13.69/-15.44 | -15.78/-14.53 | -14.64/-15.05 | -13.00/-14.13 | -15.89/-15.48 | -15.14/-14.20 | -10.96/-9.92 | -10.68/-10.28 | -10.80/-10.18 | -11.83/-14.34 | -12.09/-10.44 | -8.35/-6.33 | -7.06/-9.77 | -9.24/-6.49 | -5.38/-6.54 | -8.08/-8.81 | -10.34/-12.12 | -10.44/-8.89 | -11.19/-13.84 | -14.19/-15.34 | -11.96/-8.50 |
| Θ(165°) | -15.73/-11.53 | -8.26/-7.48 | -7.52/-7.66 | -8.55/-9.61 | -9.96/-10.18 | -10.07/-10.28 | -10.30/-9.85 | -10.15/-9.47 | -8.01/-6.60 | -6.40/-8.10 | -10.53/-9.91 | -8.00/-5.78 | -5.02/-5.89 | -8.56/-9.78 | -9.83/-7.49 | -7.09/-8.38 | -9.71/-10.50 | -11.10/-11.88 | -13.65/-14.87 | -13.03/-9.94 | -8.14/-7.40 | -8.74/-11.71 | -12.41/-12.39 | -13.03/-14.56 |
| Θ(172.5°) | -10.22/-9.09 | -8.09/-8.65 | -9.75/-9.23 | -8.36/-7.45 | -7.40/-7.73 | -8.71/-10.55 | -14.02/-15.38 | -15.49/-14.76 | -13.99/-14.84 | -14.93/-14.75 | -12.55/-9.28 | -7.68/-6.67 | -6.51/-7.05 | -8.65/-10.48 | -11.91/-12.01 | -11.80/-11.08 | -11.21/-10.57 | -10.81/-10.94 | -11.11/-11.17 | -10.61/-10.85 | -10.26/-8.29 | -5.65/-4.73 | -5.57/-7.95 | -9.75/-9.97 |
| Θ(180°) | -10.10/-10.26 | -11.61/-12.66 | -12.88/-10.40 | -7.63/-6.92 | -7.53/-7.70 | -7.46/-7.26 | -7.64/-7.61 | -7.62/-8.05 | -8.26/-8.12 | -8.04/-8.02 | -8.05/-8.06 | -8.11/-8.23 | -7.51/-7.23 | -7.56/-7.99 | -8.59/-9.29 | -9.38/-8.79 | -8.21/-7.47 | -7.31/-7.68 | -7.78/-7.76 | -8.46/-8.87 | -8.68/-8.89 | -8.31/-7.97 | -8.83/-10.91 | -12.54/-12.29 |
| Freq(Hz) | 2.45G/Pol. | Total/Ant. 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°) | 4.19/4.24 | 4.65/4.69 | 4.55/4.45 | 4.37/4.34 | 4.29/4.27 | 4.24/4.31 | 3.68/4.00 | 3.45/4.01 | 4.28/4.37 | 4.04/4.76 | 4.48/5.04 | 4.97/5.08 | 4.92/5.06 | 4.84/4.60 | 4.75/4.27 | 4.41/4.32 | 4.07/4.02 | 3.27/3.76 | 3.38/3.53 | 3.73/3.86 | 4.01/4.19 | 4.41/4.55 | 4.52/4.63 | 4.67/4.81 |
| Θ(7.5°) | 4.58/4.68 | 4.65/4.57 | 4.53/4.44 | 4.35/4.19 | 4.14/3.98 | 4.11/3.72 | 3.76/3.44 | 3.36/4.23 | 3.80/4.56 | 4.70/4.15 | 5.11/4.40 | 4.66/4.75 | 4.92/4.75 | 4.62/4.49 | 4.82/4.24 | 4.14/3.97 | 3.70/3.77 | 3.58/3.70 | 3.42/3.40 | 3.42/3.55 | 3.70/3.85 | 4.02/4.14 | 4.35/4.40 | 4.43/4.59 |
| Θ(15°) | 4.51/4.64 | 4.73/4.90 | 4.72/4.70 | 4.58/4.47 | 4.34/4.17 | 3.81/3.58 | 3.60/3.64 | 3.59/3.72 | 3.99/4.25 | 4.55/3.74 | 4.14/4.36 | 3.98/4.15 | 4.40/5.34 | 5.29/5.29 | 4.88/4.77 | 4.26/4.10 | 3.97/3.75 | 3.57/3.29 | 3.21/3.09 | 2.99/3.15 | 3.43/3.42 | 3.69/3.89 | 4.02/4.13 | 4.27/4.41 |
| Θ(22.5°) | 4.80/4.76 | 4.97/5.05 | 5.03/4.88 | 4.65/4.36 | 4.05/3.62 | 3.38/3.41 | 3.24/2.91 | 3.26/2.06 | 3.05/2.54 | 4.59/3.14 | 4.13/5.38 | 5.49/5.42 | 5.44/4.70 | 5.34/4.84 | 4.78/4.36 | 4.04/3.84 | 3.67/3.26 | 3.33/3.09 | 2.60/2.46 | 2.25/2.35 | 2.79/3.14 | 2.95/3.11 | 3.41/3.76 | 4.14/4.38 |
| Θ(30°) | 4.69/4.92 | 5.09/5.22 | 5.06/4.77 | 4.55/4.27 | 3.88/3.47 | 2.95/2.31 | 2.64/2.20 | 2.23/2.43 | 3.02/2.57 | 4.01/1.99 | 2.42/2.93 | 5.47/3.61 | 3.78/5.24 | 5.14/4.70 | 4.17/3.83 | 3.49/3.09 | 2.82/2.19 | 1.71/1.75 | 1.18/1.07 | 1.11/1.24 | 1.42/1.65 | 2.07/2.48 | 2.93/3.34 | 3.95/4.52 |
| Θ(37.5°) | 4.69/4.88 | 5.15/5.10 | 4.86/4.66 | 4.44/3.94 | 3.03/2.66 | 1.90/1.76 | 1.68/1.70 | 0.54/0.22 | 0.22/1.53 | 2.95/3.92 | 2.29/4.72 | 4.89/4.79 | 4.26/3.77 | 4.16/3.86 | 3.27/2.99 | 2.19/1.65 | 1.17/0.75 | 0.42/0.21 | 0.15/0.01 | 0.12/0.21 | 0.31/0.65 | 1.60/2.03 | 2.98/3.38 | 3.91/4.51 |
| Θ(45°) | 4.56/4.98 | 5.28/5.13 | 4.90/4.52 | 3.73/2.84 | 2.62/2.04 | 1.72/1.08 | 0.67/0.26 | 0.07/-0.10 | -0.41/-0.41 | -0.25/0.67 | 1.65/2.09 | 2.31/3.70 | 2.87/3.12 | 3.26/2.74 | 2.18/1.72 | 0.84/-0.04 | -0.67/-0.99 | -0.76/-0.85 | -1.27/-0.62 | -0.57/-0.56 | -0.56/0.09 | 0.59/1.78 | 2.84/3.46 | 3.68/4.48 |
| Θ(52.5°) | 3.86/4.32 | 4.75/4.46 | 4.19/3.37 | 2.70/2.34 | 1.75/1.00 | 0.13/0.14 | -0.10/-0.21 | -0.52/-0.60 | -1.27/-1.07 | -0.77/-0.03 | 0.31/2.20 | 1.65/2.30 | 2.39/2.51 | 1.82/1.88 | 0.91/-0.05 | -1.19/-1.84 | -1.97/-2.20 | -2.11/-1.80 | -1.60/-3.20 | -1.93/-1.09 | -1.18/-0.38 | 0.93/2.13 | 3.11/2.56 | 3.46/3.98 |
| Θ(60°) | 3.17/3.59 | 3.73/3.33 | 2.84/2.08 | 1.80/1.31 | 0.43/0.21 | 0.34/0.14 | -0.46/-0.62 | -0.67/-1.26 | -1.70/-2.58 | -2.78/-2.26 | -1.97/0.95 | -0.10/-0.67 | 0.93/1.02 | 1.08/0.83 | -0.40/-1.86 | -4.04/-3.96 | -4.29/-4.86 | -3.20/-4.45 | -2.32/-4.13 | -1.45/-1.45 | -1.72/-1.60 | -0.29/1.52 | 2.28/2.60 | 2.50/3.13 |
| Θ(67.5°) | 2.76/2.91 | 2.72/3.26 | 1.80/1.50 | 0.56/0.13 | 0.78/0.13 | -1.04/-2.23 | -2.73/-3.03 | -2.87/-2.63 | -3.74/-5.16 | -4.47/-5.37 | -4.38/-3.84 | -2.98/-2.47 | -0.57/0.19 | -0.41/-1.34 | -3.01/-4.16 | -4.08/-6.29 | -4.37/-4.64 | -3.01/-3.44 | -3.36/-2.53 | -1.51/-1.64 | -3.29/-2.82 | -2.98/-0.69 | 1.02/2.30 | 2.58/2.83 |
| Θ(75°) | 2.50/2.62 | 2.91/2.23 | 1.94/0.88 | -0.90/-1.63 | -1.70/-3.85 | -4.48/-4.73 | -4.54/-4.32 | -4.36/-4.56 | -4.74/-6.15 | -8.66/-8.19 | -5.94/-4.43 | -5.13/-3.42 | -1.90/-1.01 | -1.42/-3.00 | -4.95/-6.52 | -4.15/-3.38 | -2.45/-2.59 | -3.10/-4.19 | -2.13/-1.64 | -1.08/-0.98 | -1.78/-3.19 | -2.99/0.53 | 2.35/2.60 | 3.15/2.91 |
| Θ(82.5°) | 1.88/1.79 | 1.59/1.94 | 1.54/0.41 | 0.00/-0.56 | -3.87/-4.75 | -4.68/-4.87 | -4.01/-3.94 | -4.67/-8.13 | -8.17/-12.16 | -11.15/-8.38 | -5.13/-7.05 | -6.71/-4.35 | -3.14/-3.36 | -4.78/-7.82 | -8.18/-6.00 | -5.68/-6.14 | -2.53/-5.84 | -5.38/-5.13 | -3.21/-3.69 | -2.98/-2.07 | -2.09/-2.29 | -2.52/-0.85 | 1.48/2.48 | 2.26/2.44 |
| Θ(90°) | 0.86/0.86 | 1.05/0.79 | 0.55/-0.18 | -0.36/-1.13 | -3.48/-4.05 | -3.95/-5.02 | -6.79/-7.94 | -7.44/-8.97 | -11.43/-10.42 | -9.93/-7.85 | -8.00/-7.46 | -7.62/-5.88 | -4.72/-4.91 | -6.50/-8.42 | -8.30/-8.04 | -3.93/-6.60 | -5.89/-4.06 | -4.99/-5.03 | -4.40/-4.02 | -3.02/-1.82 | -1.35/-1.52 | -3.01/-3.43 | -1.31/0.65 | 1.56/1.18 |
| Θ(97.5°) | -0.13/-0.01 | 0.24/0.63 | 0.35/-1.33 | -2.59/-4.18 | -6.96/-6.84 | -6.56/-8.23 | -11.67/-10.23 | -10.76/-10.69 | -11.56/-11.75 | -9.95/-8.69 | -8.28/-9.17 | -9.33/-8.08 | -8.00/-9.61 | -10.77/-10.54 | -7.34/-5.36 | -5.58/-6.80 | -6.34/-7.87 | -6.65/-7.14 | -5.50/-4.69 | -4.18/-2.18 | -1.54/-1.80 | -2.28/-0.91 | -0.31/-0.16 | 0.68/0.55 |
| Θ(105°) | -1.36/-1.04 | -0.04/0.31 | 0.31/-0.92 | -2.60/-6.15 | -8.11/-8.64 | -10.28/-13.40 | -12.66/-12.17 | -12.25/-13.14 | -9.39/-9.91 | -9.58/-8.27 | -9.08/-10.91 | -11.46/-9.53 | -8.85/-9.91 | -10.83/-9.49 | -7.52/-7.36 | -7.88/-7.44 | -9.06/-10.15 | -11.22/-8.64 | -7.41/-5.35 | -3.55/-3.39 | -2.71/-2.04 | -3.03/-2.63 | -1.80/-1.31 | -0.59/-0.63 |
| Θ(112.5°) | -2.96/-2.31 | -0.92/0.23 | 0.62/-0.23 | -1.71/-4.73 | -7.25/-7.84 | -8.74/-11.58 | -13.87/-14.59 | -14.96/-15.26 | -9.41/-9.04 | -8.89/-9.15 | -12.17/-13.00 | -10.30/-8.45 | -9.36/-11.74 | -12.31/-12.24 | -8.96/-10.88 | -8.51/-8.40 | -10.74/-13.16 | -11.45/-9.74 | -7.28/-5.22 | -3.25/-3.08 | -2.41/-1.89 | -2.30/-2.97 | -2.45/-1.98 | -2.07/-2.29 |
| Θ(120°) | -4.51/-4.11 | -3.03/-1.97 | -1.13/-1.44 | -2.43/-4.09 | -7.94/-9.13 | -10.49/-11.11 | -12.48/-13.42 | -14.88/-12.59 | -10.64/-10.75 | -10.70/-11.20 | -15.76/-14.66 | -9.92/-8.63 | -9.13/-12.26 | -12.78/-13.55 | -11.00/-8.95 | -10.86/-8.05 | -9.77/-12.10 | -14.01/-12.41 | -9.19/-6.42 | -4.10/-2.70 | -1.84/-1.57 | -2.17/-4.09 | -4.29/-3.76 | -4.03/-4.04 |
| Θ(127.5°) | -4.10/-4.02 | -4.15/-4.27 | -3.75/-4.22 | -4.92/-4.99 | -7.97/-10.73 | -11.82/-12.07 | -12.18/-12.66 | -12.37/-12.70 | -11.74/-15.03 | -15.22/-15.09 | -14.26/-11.04 | -9.14/-10.75 | -11.98/-11.89 | -10.89/-10.90 | -9.78/-8.36 | -8.27/-7.62 | -9.32/-12.27 | -12.54/-12.00 | -10.40/-7.16 | -4.37/-2.98 | -2.44/-2.87 | -4.18/-5.05 | -5.70/-5.23 | -4.70/-3.93 |
| Θ(135°) | -4.79/-4.03 | -4.09/-4.58 | -4.78/-5.65 | -6.92/-6.86 | -8.05/-9.89 | -12.30/-12.37 | -11.39/-11.57 | -11.32/-12.28 | -14.11/-14.72 | -13.71/-11.37 | -10.09/-9.19 | -9.36/-11.13 | -12.90/-11.72 | -12.48/-10.57 | -10.85/-8.29 | -9.66/-7.25 | -8.57/-9.90 | -10.92/-12.55 | -12.35/-9.01 | -6.15/-4.85 | -4.06/-4.30 | -4.89/-5.95 | -7.12/-7.35 | -6.30/-4.58 |
| Θ(142.5°) | -7.16/-5.76 | -5.18/-5.94 | -6.68/-8.16 | -10.07/-10.76 | -11.22/-13.04 | -13.97/-13.96 | -12.99/-13.38 | -14.97/-13.99 | -13.29/-12.69 | -13.38/-12.53 | -11.56/-11.73 | -14.16/-15.74 | -15.06/-11.21 | -11.09/-10.24 | -11.08/-11.13 | -9.77/-9.03 | -9.56/-10.09 | -11.30/-12.09 | -11.80/-9.27 | -7.42/-5.42 | -5.28/-5.17 | -5.64/-6.86 | -8.39/-9.57 | -9.05/-7.31 |
| Θ(150°) | -8.84/-6.02 | -6.33/-6.27 | -6.67/-7.17 | -8.58/-10.43 | -11.56/-13.23 | -14.66/-15.95 | -15.32/-14.40 | -14.98/-15.47 | -14.68/-11.98 | -15.22/-15.85 | -15.01/-14.19 | -14.17/-15.01 | -14.70/-13.66 | -12.68/-11.69 | -10.95/-10.86 | -12.26/-12.26 | -13.16/-12.18 | -11.09/-11.91 | -11.48/-9.69 | -8.55/-5.51 | -6.24/-5.86 | -6.11/-6.57 | -7.88/-9.34 | -10.43/-9.21 |
| Θ(157.5°) | -10.30/-8.01 | -7.19/-8.16 | -7.19/-7.17 | -7.68/-9.25 | -10.89/-15.03 | -15.69/-15.54 | -15.49/-15.06 | -13.70/-13.67 | -12.69/-14.24 | -14.42/-15.07 | -14.28/-15.91 | -15.52/-14.68 | -13.00/-11.06 | -10.81/-12.69 | -13.49/-15.16 | -14.47/-15.25 | -14.76/-14.84 | -13.67/-12.18 | -10.74/-9.15 | -7.89/-7.59 | -6.61/-6.77 | -7.15/-7.35 | -8.23/-9.45 | -10.65/-10.84 |
| Θ(165°) | -13.59/-12.39 | -11.29/-10.73 | -11.14/-11.61 | -12.36/-12.47 | -13.42/-13.74 | -15.60/-14.88 | -15.03/-14.28 | -14.73/-13.73 | -13.80/-14.76 | -14.56/-15.87 | -15.49/-15.51 | -15.38/-15.03 | -15.66/-14.94 | -14.67/-15.03 | -15.91/-15.71 | -15.10/-15.95 | -14.46/-13.83 | -11.51/-10.39 | -9.51/-8.96 | -8.88/-8.77 | -8.82/-8.86 | -9.63/-10.50 | -12.04/-12.74 | -13.26/-12.72 |
| Θ(172.5°) | -15.73/-15.28 | -15.82/-15.93 | -15.57/-14.96 | -15.10/-16.41 | -15.55/-15.12 | -15.86/-14.38 | -14.37/-13.64 | -13.47/-15.08 | -15.02/-15.28 | -15.60/-15.97 | -14.89/-15.05 | -14.86/-15.41 | -14.75/-15.20 | -15.32/-14.06 | -14.71/-15.08 | -15.36/-14.37 | -13.36/-12.97 | -12.60/-11.37 | -10.81/-10.71 | -11.07/-11.18 | -12.36/-12.89 | -13.07/-13.20 | -14.03/-14.34 | -14.62/-15.12 |
| Θ(180°) | -15.80/-16.14 | -14.94/-15.55 | -15.46/-15.18 | -14.83/-13.12 | -12.70/-12.84 | -12.61/-13.87 | -13.43/-13.42 | -14.44/-13.78 | -14.63/-15.21 | -14.88/-15.12 | -14.98/-14.33 | -15.16/-15.36 | -14.84/-15.48 | -16.03/-14.86 | -14.32/-13.66 | -13.73/-12.59 | -13.15/-12.80 | -12.82/-13.77 | -13.63/-13.02 | -13.23/-13.81 | -14.59/-14.83 | -15.17/-14.42 | -14.17/-13.64 | -13.97/-14.18 |
| Freq(Hz) | 5.2G/Pol. | Total/Ant. 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°) | 0.13/0.08 | -0.09/-0.11 | -0.13/-0.36 | -0.40/-0.46 | -0.33/-0.27 | -0.43/-0.52 | -0.43/-0.49 | -0.20/-0.00 | 0.02/0.11 | 0.39/0.29 | 0.56/0.61 | 0.44/0.55 | 0.51/0.39 | 0.35/0.23 | 0.10/0.13 | -0.12/-0.44 | -0.58/-0.80 | -0.65/-0.93 | -0.71/-0.75 | -0.88/-0.75 | -0.44/-0.36 | -0.29/-0.24 | -0.20/-0.16 | -0.13/-0.25 |
| Θ(7.5°) | -0.16/-0.37 | -0.46/-0.45 | -0.72/-0.85 | -1.01/-1.07 | -1.18/-1.30 | -1.22/-0.86 | -0.91/-0.83 | -0.50/-0.65 | -0.70/-0.81 | -0.67/-0.12 | -0.08/0.40 | 0.49/0.50 | 0.38/0.31 | 0.12/0.01 | -0.03/0.26 | 0.43/0.29 | 0.10/-0.04 | -0.01/0.13 | 0.19/0.34 | 0.47/0.66 | 0.96/1.09 | 1.11/1.10 | 0.86/0.64 | 0.27/0.13 |
| Θ(15°) | -0.06/-0.28 | -0.62/-1.04 | -0.93/-0.79 | -0.80/-1.13 | -1.48/-1.39 | -0.99/-0.93 | -0.82/-0.11 | -0.10/-0.19 | -0.37/-0.47 | -0.21/0.12 | 0.26/0.43 | 0.48/0.68 | 0.57/0.05 | -0.52/-1.45 | -2.10/-2.42 | -2.06/-1.43 | -1.24/-1.44 | -0.98/-0.80 | -0.82/-0.60 | -0.27/-0.06 | 0.08/0.19 | 0.38/0.57 | 0.63/0.53 | 0.31/0.11 |
| Θ(22.5°) | -0.18/-0.70 | -1.30/-1.19 | -1.07/-1.41 | -1.65/-2.15 | -2.65/-2.00 | -1.18/-0.37 | 0.72/1.01 | 1.34/1.09 | 1.10/1.52 | 2.09/2.28 | 2.65/2.91 | 3.14/3.43 | 3.54/3.14 | 2.46/1.63 | 0.28/-0.40 | -1.17/-1.32 | -1.66/-1.64 | -1.50/-1.63 | -1.64/-1.65 | -1.79/-1.83 | -1.62/-1.48 | -1.17/-0.53 | -0.21/-0.01 | 0.02/-0.47 |
| Θ(30°) | 0.40/-0.47 | -1.12/-1.11 | -1.58/-1.76 | -2.53/-2.64 | -3.02/-2.75 | -1.98/-0.46 | 0.73/1.46 | 1.91/1.94 | 1.84/1.87 | 2.23/2.95 | 3.67/4.11 | 4.40/4.72 | 4.80/4.60 | 4.36/4.10 | 3.85/3.59 | 3.17/2.80 | 2.06/1.19 | 0.72/-0.45 | -1.28/-2.84 | -3.65/-3.10 | -2.11/-1.11 | -0.30/0.15 | 0.92/1.46 | 1.39/0.93 |
| Θ(37.5°) | 1.02/0.66 | 0.52/-0.13 | -0.56/-0.76 | -0.58/-0.43 | -0.60/-1.57 | -1.51/-1.19 | -0.29/1.01 | 2.17/2.74 | 2.67/2.49 | 3.41/4.62 | 5.01/4.85 | 4.52/4.67 | 5.01/5.33 | 5.59/5.82 | 5.85/5.54 | 4.86/3.97 | 2.77/1.67 | 0.98/0.51 | -0.72/-3.03 | -5.18/-3.75 | -1.43/0.20 | 1.04/1.98 | 2.71/3.33 | 2.82/1.97 |
| Θ(45°) | 0.65/1.04 | 1.56/1.29 | 0.10/-0.34 | -0.05/-0.30 | -0.50/-1.15 | -0.42/0.02 | 0.36/1.10 | 2.30/3.37 | 3.73/3.58 | 3.95/4.91 | 5.25/5.04 | 4.35/3.84 | 4.18/4.48 | 4.77/5.26 | 5.42/4.98 | 4.02/3.43 | 2.60/1.74 | 0.28/-1.34 | -1.63/-2.03 | -3.71/-4.78 | -1.88/-0.06 | 0.94/1.30 | 2.36/3.05 | 2.65/1.50 |
| Θ(52.5°) | 1.05/1.58 | 2.08/2.00 | 1.19/0.31 | -0.59/-1.76 | -2.34/-1.05 | 0.38/0.56 | 0.43/0.58 | 1.77/3.18 | 4.07/3.97 | 4.45/5.11 | 5.48/4.59 | 3.36/3.34 | 2.80/1.52 | 1.69/2.67 | 3.42/3.16 | 2.35/2.39 | 2.74/2.22 | 0.57/-1.31 | -1.67/-0.35 | -0.63/-2.46 | -2.50/-1.02 | -0.96/-0.43 | 1.53/2.74 | 2.45/1.39 |
| Θ(60°) | 1.18/2.19 | 2.48/2.57 | 1.73/0.53 | -0.47/-2.66 | -3.29/-0.99 | 0.04/-0.06 | -1.16/-1.41 | -0.23/1.60 | 3.06/2.63 | 2.63/3.35 | 3.54/3.27 | 2.97/3.06 | 2.65/0.84 | -0.38/-0.34 | 0.43/0.08 | 0.18/1.37 | 2.26/1.99 | 0.70/-1.29 | -1.72/-0.33 | -0.00/-1.28 | -2.45/-1.83 | -2.17/-3.01 | 0.27/2.40 | 1.46/-0.66 |
| Θ(67.5°) | 1.48/2.01 | 2.27/2.65 | 1.93/1.27 | 0.25/-2.60 | -3.56/-2.00 | -1.45/-1.89 | -3.00/-2.30 | -0.19/2.07 | 2.39/1.32 | 0.36/0.89 | 0.71/0.50 | 1.12/1.49 | 1.80/0.18 | -2.64/-5.04 | -4.34/-3.92 | -2.82/-0.57 | 0.19/-0.37 | -2.55/-4.16 | -3.77/-2.57 | -1.62/-1.88 | -2.97/-2.63 | -2.34/-3.14 | 0.34/2.51 | 1.49/-0.13 |
| Θ(75°) | 1.23/1.67 | 1.86/2.18 | 1.69/0.71 | -0.54/-1.51 | -2.56/-3.43 | -3.04/-2.70 | -3.34/-2.30 | 0.24/1.80 | 2.28/1.95 | 1.05/0.86 | 0.01/-0.07 | 0.26/0.42 | 1.40/0.53 | -1.60/-4.75 | -7.72/-7.59 | -6.01/-3.67 | -2.57/-2.74 | -3.91/-6.57 | -7.82/-5.53 | -3.55/-3.06 | -2.61/-3.71 | -3.32/-4.26 | -0.90/1.73 | 0.81/-0.26 |
| Θ(82.5°) | 1.67/2.07 | 1.90/2.12 | 1.72/1.03 | 0.38/-0.84 | -2.93/-4.19 | -4.39/-7.00 | -7.61/-4.79 | -2.77/-1.15 | 0.23/-0.16 | -0.24/0.27 | -0.34/0.42 | 0.01/-0.29 | 0.14/-0.97 | -2.13/-4.62 | -8.40/-9.93 | -7.60/-5.07 | -4.17/-3.16 | -3.63/-5.78 | -7.61/-5.73 | -4.70/-4.72 | -4.17/-5.78 | -4.31/-3.17 | -1.18/0.87 | 0.64/0.23 |
| Θ(90°) | 0.84/1.34 | 0.96/0.52 | 0.06/-0.27 | -0.09/-1.22 | -4.09/-5.19 | -9.31/-7.58 | -6.53/-4.96 | -3.67/-4.58 | -4.19/-3.11 | -1.89/-1.72 | -1.36/-0.57 | -0.56/-1.21 | -1.03/-2.54 | -2.86/-3.69 | -7.78/-11.54 | -8.31/-4.13 | -2.12/-2.71 | -2.75/-4.05 | -6.35/-6.22 | -5.30/-5.55 | -4.78/-6.47 | -5.83/-3.13 | -2.46/-1.33 | -0.23/0.30 |
| Θ(97.5°) | 0.34/0.77 | 0.51/-0.32 | -0.25/-0.78 | -1.03/-1.79 | -4.81/-8.12 | -8.67/-8.43 | -8.42/-6.78 | -4.24/-3.77 | -5.04/-4.42 | -4.98/-3.22 | -3.01/-1.69 | -2.20/-2.71 | -4.96/-4.72 | -4.15/-7.31 | -7.47/-8.26 | -8.29/-4.44 | -2.21/-2.88 | -3.64/-3.79 | -5.40/-5.48 | -6.26/-7.53 | -8.62/-7.42 | -6.35/-3.14 | -2.23/-2.07 | -0.30/0.25 |
| Θ(105°) | 0.05/-0.11 | -0.74/-1.62 | -1.19/-1.33 | -2.16/-2.26 | -4.51/-10.24 | -11.14/-11.95 | -9.68/-8.93 | -8.01/-3.40 | -4.91/-3.38 | -5.54/-4.02 | -3.04/-2.63 | -2.08/-3.69 | -6.96/-6.23 | -6.05/-9.06 | -7.77/-5.01 | -6.88/-6.61 | -4.34/-3.08 | -3.73/-5.81 | -5.83/-5.16 | -5.42/-9.50 | -9.58/-8.93 | -6.12/-3.73 | -2.41/-2.89 | -1.13/0.31 |
| Θ(112.5°) | -0.87/-1.76 | -2.44/-3.46 | -3.51/-4.33 | -4.77/-4.32 | -6.04/-10.27 | -11.84/-12.76 | -11.05/-11.53 | -9.20/-5.64 | -6.57/-5.14 | -5.04/-4.66 | -4.80/-3.89 | -4.10/-7.14 | -8.29/-7.93 | -10.42/-12.17 | -7.54/-5.98 | -7.77/-9.31 | -8.32/-4.14 | -4.80/-8.29 | -7.47/-5.94 | -6.46/-12.64 | -10.00/-9.46 | -5.60/-4.86 | -3.63/-3.20 | -1.91/-0.10 |
| Θ(120°) | -2.67/-3.23 | -3.01/-3.78 | -5.13/-4.65 | -5.18/-6.19 | -6.83/-8.16 | -12.61/-15.89 | -10.91/-11.27 | -12.41/-14.14 | -11.81/-8.51 | -7.15/-6.32 | -5.19/-5.20 | -4.53/-6.99 | -9.79/-9.52 | -10.22/-12.95 | -12.60/-9.85 | -9.18/-11.06 | -13.40/-8.37 | -6.17/-8.42 | -9.94/-6.86 | -7.66/-10.60 | -12.29/-9.20 | -9.03/-7.02 | -6.60/-4.89 | -3.92/-1.92 |
| Θ(127.5°) | -4.17/-3.99 | -5.93/-5.72 | -5.77/-6.36 | -6.49/-7.72 | -9.37/-10.93 | -13.79/-12.48 | -10.08/-11.06 | -15.62/-15.20 | -12.96/-12.51 | -10.61/-10.45 | -7.93/-5.94 | -7.79/-8.31 | -10.33/-13.11 | -12.62/-9.93 | -12.52/-11.20 | -12.42/-8.25 | -9.12/-15.04 | -13.02/-12.59 | -13.35/-9.27 | -12.39/-12.67 | -14.83/-12.04 | -10.10/-10.17 | -8.38/-6.83 | -4.95/-3.65 |
| Θ(135°) | -6.38/-4.98 | -6.87/-9.66 | -9.36/-7.90 | -6.89/-7.26 | -7.29/-10.58 | -14.41/-13.70 | -12.03/-12.49 | -15.66/-15.10 | -12.09/-10.34 | -10.86/-7.95 | -5.68/-9.18 | -10.61/-7.44 | -11.02/-13.11 | -14.56/-13.91 | -15.56/-10.95 | -12.56/-9.16 | -10.43/-12.50 | -14.21/-12.79 | -14.31/-14.82 | -12.98/-15.52 | -12.93/-14.82 | -12.38/-14.81 | -13.68/-8.63 | -7.19/-7.42 |
| Θ(142.5°) | -10.38/-8.06 | -6.53/-8.11 | -10.10/-9.60 | -8.55/-7.42 | -8.78/-11.34 | -13.19/-13.60 | -14.50/-13.75 | -14.16/-16.19 | -16.19/-14.58 | -12.56/-10.03 | -9.83/-7.79 | -8.36/-13.80 | -9.62/-9.33 | -12.96/-15.91 | -15.50/-12.95 | -12.10/-13.35 | -15.08/-10.37 | -11.47/-14.45 | -15.39/-14.89 | -15.63/-15.81 | -13.80/-12.20 | -12.27/-15.56 | -15.22/-10.11 | -7.56/-9.01 |
| Θ(150°) | -11.29/-12.85 | -11.67/-12.65 | -10.65/-10.73 | -9.61/-9.16 | -10.00/-13.56 | -11.89/-11.36 | -10.32/-11.07 | -11.76/-13.10 | -14.75/-15.65 | -14.96/-12.93 | -10.65/-10.99 | -13.86/-15.27 | -13.40/-14.10 | -13.85/-11.64 | -11.21/-11.84 | -10.20/-9.62 | -10.11/-11.24 | -13.74/-14.54 | -14.89/-15.84 | -15.58/-15.82 | -15.85/-14.13 | -13.69/-15.70 | -15.71/-10.21 | -8.09/-7.54 |
| Θ(157.5°) | -9.47/-11.30 | -10.70/-10.64 | -9.52/-10.49 | -11.75/-12.33 | -14.19/-15.15 | -14.91/-15.76 | -14.94/-12.98 | -13.58/-12.91 | -12.16/-10.78 | -9.69/-9.89 | -12.21/-14.46 | -11.37/-8.00 | -7.42/-10.32 | -12.37/-11.79 | -11.03/-12.02 | -15.34/-15.00 | -15.41/-16.14 | -14.80/-13.80 | -14.15/-16.15 | -16.13/-14.99 | -15.27/-15.09 | -14.22/-12.76 | -12.47/-10.10 | -8.08/-8.16 |
| Θ(165°) | -9.35/-9.44 | -9.14/-9.60 | -10.33/-10.54 | -11.96/-15.10 | -15.03/-14.76 | -14.29/-14.08 | -12.87/-11.43 | -11.69/-11.73 | -11.28/-11.36 | -11.18/-12.16 | -14.02/-12.42 | -12.38/-12.54 | -12.33/-14.24 | -14.07/-13.66 | -12.90/-13.81 | -13.48/-14.80 | -15.25/-15.17 | -15.17/-13.74 | -13.86/-15.38 | -15.40/-15.23 | -15.60/-15.34 | -15.73/-14.68 | -13.82/-12.32 | -10.84/-9.47 |
| Θ(172.5°) | -12.89/-15.02 | -15.85/-14.74 | -15.38/-15.86 | -15.61/-14.25 | -14.94/-15.52 | -15.77/-15.15 | -13.43/-12.60 | -14.75/-13.96 | -14.05/-13.63 | -12.71/-13.01 | -12.70/-12.16 | -11.77/-12.38 | -13.14/-14.71 | -14.35/-16.03 | -15.46/-14.91 | -14.89/-14.69 | -15.56/-15.46 | -15.20/-15.73 | -15.59/-15.51 | -15.79/-15.75 | -15.63/-15.15 | -15.78/-14.63 | -14.35/-13.15 | -11.49/-10.90 |
| Θ(180°) | -15.78/-15.77 | -15.29/-13.88 | -13.15/-13.26 | -13.15/-12.66 | -13.19/-13.18 | -12.06/-12.06 | -12.17/-11.67 | -11.34/-12.04 | -11.60/-11.38 | -10.80/-10.55 | -11.09/-12.08 | -13.23/-14.97 | -15.14/-15.78 | -14.98/-15.67 | -15.41/-16.30 | -15.75/-14.42 | -14.75/-15.03 | -14.38/-15.91 | -15.89/-15.16 | -16.16/-14.58 | -14.99/-14.62 | -15.71/-15.72 | -15.17/-14.65 | -15.14/-15.88 |
| Freq(Hz) | 5.3G/Pol. | Total/Ant. 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°) | -0.44/-0.70 | -0.70/-0.89 | -0.85/-0.78 | -0.71/-0.72 | -0.81/-0.90 | -0.89/-0.94 | -0.82/-0.83 | -0.65/-0.61 | -0.31/-0.25 | -0.09/-0.17 | -0.17/-0.30 | -0.36/-0.37 | -0.38/-0.28 | -0.29/-0.27 | -0.22/-0.43 | -0.62/-0.92 | -1.03/-1.41 | -1.21/-1.02 | -0.97/-0.91 | -0.89/-0.79 | -0.68/-0.51 | -0.51/-0.49 | -0.56/-0.45 | -0.41/-0.38 |
| Θ(7.5°) | -0.24/-0.85 | -1.09/-1.44 | -1.46/-1.31 | -1.22/-1.08 | -1.36/-1.80 | -1.88/-2.01 | -2.47/-2.26 | -2.25/-1.86 | -1.56/-1.22 | -0.97/-0.75 | -0.79/-0.94 | -1.32/-1.26 | -1.12/-0.91 | -0.61/-0.58 | -0.67/-0.54 | -0.43/-0.23 | -0.24/-0.08 | 0.05/0.07 | 0.23/0.39 | 0.39/0.34 | 0.32/0.42 | 0.48/0.45 | 0.51/0.72 | 0.72/0.56 |
| Θ(15°) | 0.09/-0.37 | -0.65/-1.15 | -1.56/-1.56 | -1.26/-0.92 | -0.93/-0.90 | -0.67/-0.91 | -0.59/-0.42 | -0.31/-0.20 | 0.03/0.17 | 0.10/-0.30 | -0.77/-1.31 | -1.64/-1.82 | -2.16/-2.14 | -1.79/-1.69 | -1.67/-1.63 | -1.63/-1.56 | -1.54/-1.38 | -1.06/-0.77 | -0.52/-0.23 | 0.07/0.03 | 0.08/0.22 | 0.32/0.30 | 0.43/0.71 | 0.83/0.81 |
| Θ(22.5°) | 0.82/0.50 | 0.10/-0.73 | -1.12/-1.50 | -1.70/-1.39 | -1.35/-0.96 | -0.85/0.08 | 0.93/1.54 | 1.87/1.83 | 1.90/2.06 | 2.32/2.14 | 2.16/1.97 | 1.75/1.71 | 1.55/1.10 | 0.72/0.04 | -0.62/-0.96 | -1.98/-2.72 | -3.12/-3.20 | -3.15/-2.90 | -2.29/-1.61 | -1.22/-0.83 | -0.40/-0.14 | -0.20/-0.06 | 0.46/0.75 | 0.75/0.93 |
| Θ(30°) | 0.86/0.68 | 0.38/-0.04 | -1.06/-1.53 | -1.82/-1.91 | -1.55/-1.55 | -1.21/-0.22 | 0.59/1.48 | 2.23/2.60 | 2.84/2.97 | 3.09/3.43 | 3.74/3.89 | 4.21/4.25 | 4.26/3.70 | 3.47/3.03 | 2.85/2.32 | 1.84/1.49 | 1.04/0.69 | -0.17/-1.67 | -2.65/-2.99 | -2.26/-1.19 | -0.06/0.55 | 0.88/1.40 | 1.62/1.82 | 1.48/1.15 |
| Θ(37.5°) | 0.28/0.62 | 0.92/0.86 | 0.39/-0.74 | -0.99/-1.25 | -0.28/0.16 | 0.81/0.83 | 0.45/0.34 | 1.04/2.14 | 3.05/3.12 | 3.10/4.00 | 4.65/4.94 | 4.77/4.72 | 5.01/5.21 | 5.38/5.47 | 5.37/5.08 | 4.53/4.00 | 3.11/1.74 | 0.38/-0.61 | -1.76/-2.51 | -2.30/-1.06 | 0.21/1.13 | 1.78/2.39 | 3.27/3.26 | 2.48/1.35 |
| Θ(45°) | -0.09/0.87 | 1.84/1.87 | 1.10/0.26 | -1.04/-1.85 | -1.72/-0.33 | 0.91/1.72 | 1.61/0.61 | 0.75/2.40 | 3.93/4.15 | 3.83/4.26 | 4.65/4.68 | 4.19/3.62 | 3.90/4.54 | 5.03/5.21 | 5.18/4.74 | 4.34/3.97 | 3.23/2.07 | 0.25/-0.95 | -0.72/-1.33 | -3.21/-3.20 | -0.76/0.54 | 1.09/1.78 | 2.60/2.93 | 1.72/-0.09 |
| Θ(52.5°) | 0.78/1.82 | 2.80/2.86 | 2.08/1.17 | -0.05/-1.80 | -3.71/-1.55 | 1.19/2.71 | 2.74/1.87 | 1.80/3.08 | 4.55/4.34 | 4.02/4.26 | 5.02/4.57 | 2.55/1.84 | 1.54/1.37 | 2.16/3.09 | 3.34/3.04 | 3.12/3.73 | 3.75/2.46 | 0.17/-1.96 | -1.45/-0.38 | -1.19/-2.56 | -0.89/0.23 | 0.08/0.61 | 2.32/3.00 | 1.96/0.47 |
| Θ(60°) | 1.99/2.47 | 2.85/3.09 | 2.75/2.73 | 2.14/-0.56 | -2.92/-1.66 | -0.07/1.26 | 1.17/0.36 | 0.19/1.81 | 3.77/3.74 | 3.03/3.27 | 3.84/3.58 | 2.43/1.49 | 1.01/-0.47 | -0.75/0.34 | 0.96/0.63 | 0.81/2.36 | 3.00/2.15 | -0.28/-2.23 | -1.49/-0.27 | -0.79/-2.40 | -2.15/-1.26 | -1.03/-0.67 | 1.84/2.51 | 0.55/-0.70 |
| Θ(67.5°) | 2.47/2.81 | 2.72/2.92 | 2.81/2.92 | 1.85/-0.53 | -2.44/-2.42 | -1.53/-1.62 | -2.26/-2.20 | -0.04/2.60 | 3.48/2.59 | 0.95/1.43 | 1.59/0.79 | 0.65/1.01 | 1.24/-0.65 | -3.30/-3.61 | -2.43/-2.53 | -1.94/0.37 | 1.44/0.26 | -2.18/-3.16 | -2.81/-2.18 | -2.10/-3.24 | -3.08/-1.70 | -1.42/-0.98 | 1.45/2.45 | 0.99/0.66 |
| Θ(75°) | 2.38/2.78 | 2.62/2.47 | 2.51/2.16 | 1.17/0.15 | -1.21/-3.02 | -3.57/-2.39 | -1.81/-0.36 | 1.98/3.31 | 3.84/3.21 | 1.52/0.66 | 0.19/-0.80 | -0.29/0.19 | 1.47/0.29 | -2.85/-5.65 | -5.11/-3.74 | -3.86/-2.76 | -2.20/-3.39 | -5.32/-6.92 | -6.24/-4.49 | -3.51/-3.44 | -2.92/-2.54 | -2.30/-1.83 | 0.71/1.68 | 0.48/0.64 |
| Θ(82.5°) | 2.37/2.44 | 1.98/1.73 | 1.80/1.43 | 1.06/0.12 | -1.84/-4.86 | -4.89/-4.96 | -4.06/-2.74 | -1.01/0.87 | 1.76/1.25 | 0.03/0.45 | -0.54/-0.45 | -0.42/-0.39 | 0.36/-0.98 | -3.17/-6.31 | -8.66/-7.42 | -5.27/-3.66 | -2.92/-3.00 | -4.63/-7.16 | -7.79/-5.92 | -4.57/-5.71 | -4.97/-4.43 | -3.14/-1.79 | -0.14/0.69 | 0.41/1.60 |
| Θ(90°) | 1.89/2.25 | 1.38/0.43 | 0.28/0.29 | 0.60/-0.01 | -3.06/-5.66 | -10.04/-5.62 | -4.46/-3.62 | -2.94/-4.52 | -4.52/-3.47 | -1.67/-1.17 | -1.14/-0.92 | -0.68/-1.19 | -0.96/-2.07 | -4.39/-5.90 | -8.25/-9.79 | -6.10/-3.48 | -1.88/-1.91 | -2.75/-3.95 | -5.35/-6.11 | -4.61/-5.66 | -5.96/-5.77 | -4.11/-2.83 | -2.39/-0.85 | 0.12/1.27 |
| Θ(97.5°) | 1.19/1.63 | 0.52/-0.31 | -0.12/-0.26 | -0.00/-0.55 | -4.15/-9.87 | -9.66/-8.01 | -7.30/-5.36 | -2.69/-2.45 | -4.44/-3.39 | -3.24/-2.40 | -3.13/-2.04 | -1.60/-2.18 | -4.14/-5.14 | -6.05/-9.37 | -9.47/-7.78 | -6.77/-3.88 | -2.12/-2.58 | -2.71/-4.19 | -6.00/-5.59 | -4.50/-5.86 | -8.99/-8.09 | -5.22/-3.97 | -3.50/-1.99 | -0.23/0.76 |
| Θ(105°) | 0.55/0.54 | -0.49/-1.42 | -1.13/-1.40 | -1.81/-2.52 | -5.66/-13.12 | -9.85/-8.83 | -7.60/-7.83 | -6.21/-2.41 | -3.23/-2.09 | -3.91/-3.66 | -3.05/-2.98 | -2.19/-3.04 | -5.98/-5.57 | -6.28/-9.85 | -10.37/-6.62 | -6.31/-5.59 | -4.27/-4.23 | -4.07/-6.13 | -7.26/-6.21 | -5.43/-6.65 | -8.16/-9.37 | -7.13/-5.47 | -4.77/-4.23 | -1.15/0.43 |
| Θ(112.5°) | -0.82/-1.50 | -2.11/-3.07 | -2.97/-3.66 | -4.26/-4.86 | -7.71/-11.16 | -9.74/-9.00 | -7.58/-10.14 | -8.07/-3.17 | -5.32/-3.73 | -4.96/-4.10 | -5.28/-4.46 | -4.09/-6.58 | -8.26/-6.71 | -9.22/-14.52 | -10.00/-7.98 | -8.08/-7.98 | -7.47/-4.91 | -6.44/-9.69 | -9.53/-6.92 | -6.10/-10.46 | -9.46/-8.35 | -6.61/-7.50 | -6.16/-4.41 | -2.02/-0.07 |
| Θ(120°) | -2.56/-3.09 | -2.41/-2.88 | -3.88/-4.48 | -6.29/-6.74 | -8.42/-9.19 | -12.52/-15.34 | -10.26/-10.87 | -11.90/-9.48 | -10.36/-6.76 | -7.05/-6.58 | -5.38/-4.68 | -4.28/-5.88 | -9.47/-8.62 | -8.53/-11.96 | -11.99/-10.82 | -10.90/-14.01 | -14.74/-7.79 | -7.58/-10.13 | -9.91/-9.00 | -8.97/-11.10 | -11.01/-8.76 | -8.35/-8.25 | -6.71/-5.04 | -4.05/-2.01 |
| Θ(127.5°) | -3.83/-4.09 | -4.86/-4.90 | -6.28/-7.06 | -6.86/-7.72 | -9.42/-9.12 | -15.08/-15.63 | -11.76/-12.06 | -14.98/-15.28 | -12.07/-10.14 | -7.89/-7.79 | -7.38/-5.60 | -6.90/-7.91 | -8.90/-10.55 | -12.14/-9.80 | -10.24/-11.57 | -13.35/-12.46 | -12.65/-11.06 | -13.85/-13.17 | -13.54/-11.89 | -16.10/-13.10 | -13.82/-10.37 | -10.22/-9.45 | -8.20/-5.84 | -4.10/-3.12 |
| Θ(135°) | -5.92/-4.70 | -6.72/-8.07 | -7.09/-7.97 | -9.12/-9.87 | -8.97/-13.36 | -14.78/-16.19 | -12.89/-13.30 | -15.14/-15.40 | -12.20/-10.45 | -10.51/-9.67 | -6.39/-7.98 | -10.72/-7.91 | -9.92/-11.42 | -13.86/-13.44 | -15.05/-10.93 | -12.34/-9.98 | -13.50/-15.11 | -15.64/-12.65 | -14.43/-14.52 | -14.14/-13.71 | -13.59/-10.48 | -11.22/-14.72 | -9.66/-7.84 | -7.24/-6.67 |
| Θ(142.5°) | -9.16/-6.64 | -6.49/-8.92 | -10.08/-10.37 | -10.13/-9.87 | -12.36/-12.28 | -15.42/-14.66 | -15.61/-15.84 | -15.39/-15.60 | -15.01/-12.99 | -11.33/-9.41 | -9.17/-7.35 | -7.23/-14.07 | -12.65/-11.16 | -11.38/-13.03 | -15.37/-12.40 | -12.83/-13.05 | -14.14/-11.65 | -14.49/-15.17 | -14.63/-15.40 | -15.41/-15.10 | -13.49/-11.91 | -11.35/-13.20 | -13.05/-9.79 | -8.58/-9.42 |
| Θ(150°) | -11.36/-11.05 | -11.35/-11.40 | -11.50/-13.05 | -12.00/-12.01 | -13.31/-15.41 | -15.28/-12.58 | -10.73/-11.34 | -12.71/-13.48 | -13.47/-14.71 | -14.37/-11.54 | -9.14/-9.25 | -11.55/-12.32 | -12.66/-14.49 | -14.12/-13.55 | -14.91/-14.27 | -11.43/-11.34 | -11.34/-10.55 | -12.15/-14.28 | -14.71/-15.51 | -15.33/-15.46 | -14.91/-14.56 | -14.39/-14.86 | -13.76/-10.36 | -8.58/-8.18 |
| Θ(157.5°) | -8.77/-9.82 | -10.20/-9.45 | -9.37/-9.99 | -12.38/-14.06 | -15.51/-15.70 | -15.32/-13.78 | -14.33/-12.85 | -12.59/-12.31 | -11.60/-10.45 | -9.12/-8.56 | -9.73/-12.59 | -12.82/-9.06 | -8.65/-11.48 | -13.90/-12.54 | -10.56/-11.18 | -14.67/-14.92 | -15.80/-14.84 | -15.52/-15.66 | -15.33/-16.03 | -15.05/-15.72 | -15.08/-14.86 | -15.37/-15.22 | -13.23/-9.55 | -7.81/-6.97 |
| Θ(165°) | -9.06/-9.36 | -10.16/-10.13 | -11.02/-12.77 | -13.98/-16.20 | -15.30/-15.82 | -14.66/-12.42 | -11.44/-11.17 | -10.78/-10.28 | -9.68/-9.36 | -8.31/-8.70 | -9.90/-10.77 | -12.47/-13.26 | -13.13/-15.39 | -14.72/-14.48 | -13.66/-14.55 | -15.47/-15.62 | -14.87/-14.93 | -14.94/-15.23 | -15.18/-14.59 | -15.70/-15.46 | -15.85/-14.45 | -15.64/-14.62 | -12.92/-11.03 | -9.32/-8.38 |
| Θ(172.5°) | -12.87/-14.12 | -15.14/-15.63 | -15.41/-15.45 | -15.72/-15.80 | -15.42/-15.84 | -15.54/-15.82 | -15.00/-14.65 | -15.06/-14.22 | -14.75/-14.42 | -14.17/-13.72 | -13.28/-13.63 | -14.38/-14.27 | -15.36/-15.53 | -15.27/-15.43 | -14.67/-15.78 | -15.08/-15.28 | -14.70/-14.02 | -14.97/-15.45 | -15.92/-14.96 | -15.45/-15.21 | -14.86/-15.37 | -15.54/-15.45 | -15.68/-14.96 | -13.80/-12.42 |
| Θ(180°) | -15.51/-15.54 | -15.04/-13.06 | -11.98/-11.44 | -11.97/-11.87 | -12.43/-13.67 | -13.16/-12.42 | -12.25/-11.89 | -12.36/-12.99 | -12.73/-12.70 | -14.02/-14.14 | -14.10/-14.31 | -14.52/-14.77 | -15.56/-15.54 | -15.47/-15.26 | -15.08/-15.22 | -15.52/-15.45 | -14.96/-15.08 | -15.14/-15.08 | -15.62/-15.59 | -15.53/-15.66 | -15.78/-15.47 | -15.53/-14.84 | -15.09/-15.63 | -14.71/-14.37 |
| Freq(Hz) | 5.6G/Pol. | Total/Ant. 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°) | -0.79/-0.75 | -0.76/-0.86 | -1.02/-1.22 | -1.37/-1.59 | -1.68/-1.93 | -2.21/-2.50 | -2.73/-2.86 | -3.00/-2.57 | -2.36/-2.05 | -2.38/-1.81 | -1.68/-1.29 | -1.22/-1.22 | -1.14/-0.87 | -0.88/-1.05 | -0.67/-0.84 | -0.88/-0.80 | -0.68/-0.72 | -0.73/-0.83 | -0.79/-0.68 | -0.60/-0.59 | -0.49/-0.42 | -0.46/-0.56 | -0.75/-0.79 | -0.62/-0.57 |
| Θ(7.5°) | -0.55/-0.37 | 0.01/0.31 | 0.19/-0.02 | -0.14/-0.20 | -0.24/-0.33 | -0.40/-0.53 | -0.50/-0.60 | -0.69/-0.77 | -0.58/-0.76 | -0.59/-0.67 | -0.43/-0.44 | -0.28/-0.41 | -0.71/-0.61 | -0.41/-0.27 | -0.23/-0.46 | -0.75/-0.75 | -0.87/-1.05 | -1.35/-1.78 | -1.90/-1.97 | -2.08/-2.07 | -1.80/-1.62 | -1.49/-1.42 | -1.44/-1.46 | -1.47/-1.35 |
| Θ(15°) | 0.18/0.12 | -0.08/-0.39 | -0.53/-0.35 | -0.40/-0.71 | -1.07/-1.37 | -1.16/-0.85 | -0.45/0.01 | -0.11/0.05 | 0.04/-0.04 | 0.09/-0.15 | -0.46/-0.97 | -1.18/-0.88 | -0.67/-0.47 | -0.10/0.26 | 0.03/-0.51 | -0.81/-0.78 | -1.09/-0.80 | -1.29/-2.03 | -2.71/-3.45 | -3.92/-4.20 | -3.70/-2.98 | -2.40/-1.95 | -1.36/-0.87 | -0.51/-0.27 |
| Θ(22.5°) | 0.29/0.34 | -0.10/-0.32 | -0.66/-0.99 | -0.75/-1.21 | -2.52/-2.93 | -2.52/-1.96 | -0.63/-0.14 | 0.67/0.95 | 0.75/0.31 | -0.07/-0.82 | -1.05/-0.86 | -0.64/-0.25 | -0.07/-0.53 | -1.16/-2.20 | -3.85/-4.90 | -5.52/-4.35 | -3.77/-2.83 | -2.81/-2.92 | -3.18/-3.92 | -3.98/-3.21 | -2.31/-1.54 | -1.00/-0.52 | -0.50/-0.70 | -0.19/0.41 |
| Θ(30°) | 0.13/0.69 | 0.60/0.34 | 0.48/0.33 | -0.54/-1.15 | -1.93/-1.36 | -0.09/1.00 | 1.40/1.67 | 1.63/1.71 | 1.59/1.22 | 0.84/0.41 | 0.29/1.00 | 1.59/2.17 | 2.16/1.76 | 0.99/0.56 | -0.19/-1.09 | -2.55/-3.74 | -5.96/-5.30 | -3.78/-3.12 | -3.02/-3.60 | -3.33/-1.96 | -0.43/0.91 | 1.90/1.82 | 0.50/-0.97 | -1.56/-0.65 |
| Θ(37.5°) | 0.25/1.28 | 1.77/1.31 | 0.69/0.30 | -0.77/-0.71 | -1.10/-0.45 | 0.49/1.51 | 2.28/1.91 | 1.28/0.89 | 1.15/1.32 | 1.74/1.84 | 2.68/3.35 | 4.22/4.69 | 4.53/4.57 | 5.03/5.17 | 4.84/4.04 | 2.67/1.13 | -0.89/-2.92 | -3.10/-2.47 | -2.56/-3.44 | -3.26/-1.43 | -0.03/1.22 | 2.01/1.93 | 0.81/-1.08 | -2.50/-1.39 |
| Θ(45°) | 1.89/2.56 | 2.04/1.41 | 1.22/0.91 | 0.84/0.69 | -1.06/-2.09 | -1.10/1.21 | 2.57/2.57 | 1.99/1.62 | 2.08/2.97 | 3.55/3.35 | 3.67/4.05 | 4.28/4.11 | 4.02/4.93 | 5.75/5.82 | 5.51/4.90 | 3.61/2.39 | 0.19/-2.19 | -2.55/-1.16 | -0.91/-2.58 | -4.06/-1.85 | -0.13/0.07 | 0.44/1.21 | 1.07/-0.60 | -1.37/-0.33 |
| Θ(52.5°) | 1.87/2.63 | 1.55/0.92 | 1.54/2.28 | 2.47/1.35 | -1.23/-2.37 | -1.08/1.26 | 2.64/2.67 | 2.39/2.91 | 4.07/5.15 | 5.27/5.16 | 4.70/4.30 | 3.49/1.53 | 1.49/2.99 | 3.84/4.13 | 3.94/3.77 | 3.75/3.40 | 2.05/-0.47 | -1.47/-0.39 | -0.09/-1.97 | -5.15/-2.21 | -0.04/-0.29 | -0.84/0.17 | 0.58/-0.15 | -1.22/-0.54 |
| Θ(60°) | 3.44/3.70 | 2.35/1.49 | 2.35/3.19 | 3.04/1.65 | -0.29/-1.12 | 0.36/1.42 | 1.39/0.43 | 0.21/1.76 | 2.59/4.04 | 4.30/3.92 | 3.93/4.19 | 3.44/1.21 | 0.60/0.63 | 1.03/1.39 | 1.42/1.27 | 2.50/3.61 | 3.02/0.70 | -1.81/-1.98 | -1.45/-1.88 | -3.74/-2.67 | -0.10/-1.17 | -2.00/-0.79 | 0.09/-0.05 | 0.80/1.76 |
| Θ(67.5°) | 3.34/3.53 | 2.14/1.22 | 2.19/2.70 | 2.04/0.83 | 0.28/-1.01 | -1.04/-1.40 | -2.61/-2.75 | -0.46/1.38 | 1.45/2.54 | 2.07/0.85 | 1.11/1.93 | 1.99/1.41 | 0.72/-2.44 | -4.97/-3.57 | -2.34/-1.40 | 0.68/2.10 | 1.55/-0.98 | -3.05/-3.27 | -3.16/-3.37 | -4.91/-2.95 | -0.89/-1.61 | -2.27/-0.61 | -0.20/-0.96 | 0.16/2.02 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(75°) | 3.89/3.88 | 2.23/1.73 | 1.99/1.96 | 1.63/1.06 | 0.05/-2.76 | -5.73/-0.76 | 1.21/2.03 | 3.16/3.58 | 3.45/2.58 | 1.92/-0.13 | -0.86/-0.76 | 0.60/0.53 | 0.98/-0.64 | -4.77/-7.74 | -5.36/-5.06 | -3.08/-0.58 | -0.15/-2.56 | -4.43/-4.55 | -4.32/-3.81 | -5.06/-3.88 | -1.42/-2.18 | -1.99/-0.72 | -0.96/-1.06 | 1.26/2.96 |
| Θ(82.5°) | 3.01/3.29 | 2.53/1.54 | 0.42/0.38 | 1.10/1.25 | -0.33/-7.19 | -6.06/-3.40 | -2.33/-2.07 | -0.43/1.99 | 1.67/1.62 | 0.80/-0.28 | -0.74/-0.56 | -0.13/-0.10 | 0.93/-0.78 | -4.24/-8.73 | -7.99/-7.32 | -4.61/-1.15 | -0.92/-4.01 | -5.52/-4.98 | -5.43/-4.15 | -5.31/-3.74 | -1.58/-2.57 | -1.12/-0.91 | -1.64/-0.78 | 1.56/2.71 |
| Θ(90°) | 2.58/2.73 | 2.45/1.86 | 0.32/0.22 | 0.90/0.42 | -2.34/-5.05 | -9.52/-5.43 | -3.86/-3.03 | -1.55/-2.07 | -1.63/-2.51 | -0.67/-0.19 | -0.26/-0.28 | 0.09/-0.40 | 0.05/-0.98 | -4.04/-8.38 | -9.54/-8.59 | -5.58/-1.08 | 0.13/-1.78 | -5.29/-6.07 | -7.70/-4.74 | -5.16/-6.19 | -3.06/-3.13 | -2.26/-1.84 | -2.73/-0.60 | 0.98/1.79 |
| Θ(97.5°) | 1.66/2.05 | 1.75/0.95 | -1.03/-0.66 | 0.03/-0.88 | -3.84/-6.35 | -9.41/-7.33 | -4.89/-2.36 | -0.20/-0.35 | -2.08/-4.36 | -3.11/-2.28 | -1.35/-0.68 | -0.98/-1.20 | -1.48/-3.36 | -4.67/-8.33 | -9.14/-6.89 | -4.77/-2.25 | -0.91/-2.99 | -4.84/-5.88 | -7.81/-6.27 | -5.61/-6.17 | -4.97/-4.36 | -3.64/-3.23 | -2.94/-0.67 | 0.43/1.09 |
| Θ(105°) | 0.83/1.59 | 0.88/0.52 | -0.92/-0.47 | -0.43/-1.62 | -3.59/-9.84 | -13.33/-12.02 | -6.89/-4.42 | -0.94/-0.54 | -1.27/-2.67 | -3.00/-3.51 | -2.53/-2.67 | -3.17/-3.15 | -3.81/-5.85 | -4.54/-9.21 | -10.37/-5.65 | -6.69/-5.44 | -3.06/-4.45 | -4.88/-5.29 | -8.91/-9.05 | -9.44/-5.62 | -7.57/-5.68 | -6.68/-5.17 | -2.64/-0.57 | -0.26/-0.18 |
| Θ(112.5°) | 0.15/0.98 | -0.03/-0.62 | -1.48/-1.40 | -1.33/-2.82 | -5.54/-13.62 | -15.53/-8.64 | -6.55/-6.39 | -5.28/-1.56 | -1.93/-2.34 | -3.25/-2.60 | -3.05/-3.19 | -4.58/-5.38 | -9.00/-4.84 | -4.72/-13.13 | -8.18/-7.25 | -10.44/-7.51 | -5.07/-4.50 | -5.72/-7.36 | -13.39/-11.04 | -10.04/-5.75 | -6.76/-6.56 | -8.49/-5.34 | -2.90/-2.54 | -1.41/-0.63 |
| Θ(120°) | -2.72/-1.17 | -1.54/-2.26 | -1.90/-2.77 | -3.55/-5.18 | -8.56/-12.06 | -14.56/-11.81 | -7.40/-11.16 | -10.05/-5.39 | -5.96/-4.14 | -4.21/-3.49 | -4.16/-3.17 | -4.88/-7.08 | -11.22/-9.80 | -8.25/-9.88 | -9.89/-9.17 | -8.45/-11.78 | -7.86/-3.97 | -7.55/-9.63 | -12.38/-9.59 | -7.34/-6.93 | -8.31/-8.50 | -12.17/-6.76 | -3.13/-2.93 | -2.68/-2.17 |
| Θ(127.5°) | -3.72/-3.71 | -2.65/-3.64 | -3.95/-4.58 | -7.01/-9.18 | -10.13/-10.02 | -14.84/-13.36 | -9.91/-10.10 | -10.42/-14.74 | -12.32/-8.58 | -6.22/-5.16 | -4.57/-4.59 | -5.90/-7.88 | -10.51/-13.19 | -15.38/-14.96 | -9.87/-9.34 | -11.94/-12.92 | -9.39/-8.65 | -12.63/-12.04 | -11.09/-11.55 | -10.05/-10.62 | -10.10/-12.36 | -14.05/-9.57 | -5.82/-5.28 | -3.43/-2.19 |
| Θ(135°) | -4.55/-5.38 | -4.52/-4.31 | -5.00/-6.16 | -9.03/-10.77 | -14.05/-15.94 | -14.44/-14.62 | -12.26/-11.39 | -14.14/-15.34 | -12.15/-9.54 | -7.32/-7.73 | -4.99/-4.34 | -7.33/-7.09 | -8.38/-12.26 | -13.66/-14.50 | -15.95/-11.05 | -8.95/-8.01 | -12.96/-15.77 | -14.04/-12.71 | -12.59/-11.70 | -10.08/-10.28 | -8.29/-8.91 | -14.60/-9.65 | -7.55/-6.97 | -4.19/-2.68 |
| Θ(142.5°) | -9.55/-9.41 | -7.04/-5.82 | -6.73/-7.55 | -6.65/-8.07 | -10.79/-13.21 | -15.33/-15.48 | -15.93/-15.32 | -15.11/-15.12 | -12.84/-11.37 | -10.21/-7.79 | -7.58/-7.95 | -6.11/-9.52 | -14.13/-10.37 | -11.68/-15.38 | -14.93/-14.86 | -12.60/-9.13 | -10.33/-14.54 | -15.81/-11.25 | -13.36/-14.76 | -15.30/-14.01 | -11.49/-10.46 | -12.09/-13.06 | -13.37/-14.55 | -12.37/-10.02 |
| Θ(150°) | -8.55/-10.63 | -9.30/-9.43 | -11.13/-10.38 | -11.04/-8.52 | -10.63/-10.35 | -12.90/-14.02 | -15.69/-13.84 | -13.61/-13.08 | -11.82/-9.43 | -8.87/-10.49 | -8.90/-6.58 | -8.10/-12.43 | -12.58/-13.52 | -14.93/-13.89 | -15.48/-15.48 | -13.30/-13.28 | -12.48/-10.97 | -11.41/-12.67 | -14.81/-15.46 | -15.79/-15.22 | -15.74/-13.83 | -13.98/-12.92 | -11.87/-9.90 | -8.71/-7.86 |
| Θ(157.5°) | -8.34/-9.74 | -10.65/-9.51 | -9.19/-9.97 | -10.94/-13.29 | -14.10/-15.56 | -15.72/-15.47 | -15.78/-15.38 | -14.27/-13.99 | -13.10/-12.55 | -9.89/-7.69 | -7.41/-9.08 | -12.07/-10.38 | -8.62/-10.78 | -13.69/-12.91 | -11.20/-12.72 | -15.49/-16.10 | -13.00/-12.38 | -13.10/-13.95 | -15.68/-15.59 | -15.05/-15.13 | -12.63/-12.77 | -15.40/-13.54 | -10.38/-7.65 | -5.99/-6.11 |
| Θ(165°) | -8.41/-7.76 | -7.60/-8.83 | -9.40/-10.46 | -13.20/-14.81 | -14.74/-14.20 | -14.87/-14.34 | -13.47/-12.37 | -11.25/-11.30 | -11.85/-11.40 | -11.13/-11.39 | -12.82/-13.95 | -14.71/-15.04 | -14.48/-14.70 | -11.71/-10.51 | -11.12/-13.78 | -15.02/-15.29 | -15.19/-15.44 | -16.03/-14.96 | -15.69/-15.23 | -14.98/-15.08 | -15.52/-14.21 | -14.16/-12.22 | -9.50/-7.69 | -6.93/-6.37 |
| Θ(172.5°) | -12.02/-10.95 | -11.33/-11.67 | -12.77/-13.08 | -14.08/-15.05 | -15.14/-15.69 | -15.08/-15.59 | -14.54/-14.99 | -15.28/-15.08 | -15.11/-15.15 | -14.87/-15.98 | -14.65/-14.64 | -13.99/-14.07 | -13.47/-13.05 | -15.00/-15.37 | -15.34/-14.28 | -15.09/-13.68 | -13.27/-12.67 | -13.20/-14.63 | -15.63/-14.89 | -14.59/-14.21 | -13.57/-13.46 | -13.08/-13.62 | -13.32/-12.29 | -12.12/-11.90 |
| Θ(180°) | -14.63/-15.44 | -15.12/-14.80 | -14.77/-14.63 | -15.67/-15.45 | -15.47/-14.86 | -13.92/-13.07 | -11.76/-11.14 | -11.47/-11.54 | -11.95/-11.73 | -11.21/-11.47 | -11.66/-12.67 | -13.65/-14.54 | -15.38/-15.08 | -14.83/-15.61 | -15.28/-15.48 | -15.36/-15.35 | -14.18/-15.15 | -16.41/-14.66 | -14.92/-14.80 | -14.88/-15.44 | -15.57/-15.10 | -14.59/-15.32 | -15.31/-14.97 | -15.21/-15.40 |
| Freq(Hz) | 5.785G/Pol. | Total/Ant. 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°) | -1.78/-2.44 | -2.66/-3.48 | -3.57/-3.11 | -2.86/-2.83 | -3.11/-3.26 | -3.49/-3.42 | -3.85/-3.54 | -3.58/-3.50 | -3.64/-3.57 | -2.58/-3.42 | -2.67/-2.65 | -2.79/-3.02 | -2.89/-2.93 | -2.98/-2.10 | -2.69/-2.40 | -2.63/-2.39 | -2.08/-2.34 | -1.84/-2.35 | -2.07/-2.34 | -2.24/-2.25 | -2.17/-2.16 | -2.03/-2.06 | -1.70/-1.94 | -1.84/-1.79 |
| Θ(7.5°) | -1.86/-1.39 | -1.81/-2.22 | -2.43/-2.49 | -2.32/-2.44 | -2.15/-1.47 | -1.46/-1.18 | -1.70/-1.07 | -1.42/-1.98 | -1.65/-1.86 | -1.81/-1.75 | -2.45/-1.90 | -1.93/-2.11 | -2.26/-2.32 | -2.30/-2.40 | -2.50/-2.90 | -2.98/-3.07 | -3.68/-3.61 | -3.36/-3.45 | -3.79/-3.41 | -3.03/-2.72 | -2.48/-2.10 | -2.01/-1.98 | -2.19/-2.30 | -2.18/-2.35 |
| Θ(15°) | 0.20/-0.17 | -0.91/-1.63 | -1.88/-2.09 | -1.91/-1.95 | -2.05/-1.89 | -2.13/-2.09 | -1.35/-1.22 | -0.89/-0.42 | -0.19/-0.11 | -0.16/-0.10 | -0.54/-0.84 | -1.49/-2.41 | -2.66/-2.54 | -2.44/-2.70 | -2.35/-2.43 | -2.92/-3.18 | -3.56/-4.26 | -4.19/-5.02 | -5.06/-4.90 | -4.11/-2.74 | -1.73/-1.27 | -0.73/-0.14 | 0.08/-0.01 | 0.13/-0.14 |
| Θ(22.5°) | 0.01/-0.35 | -0.85/-1.14 | -1.12/-0.98 | -1.36/-1.94 | -1.90/-2.08 | -1.89/-1.04 | -0.78/-0.58 | -0.03/0.26 | 0.84/1.12 | 0.75/0.31 | -0.91/-2.82 | -4.45/-3.98 | -4.03/-4.01 | -4.25/-4.81 | -4.98/-5.34 | -5.29/-4.95 | -4.49/-4.47 | -4.64/-4.59 | -4.92/-5.17 | -4.07/-2.35 | -1.36/-0.56 | 0.06/-0.08 | -0.14/-0.04 | 0.10/0.03 |
| Θ(30°) | 0.26/0.40 | 0.29/0.22 | -0.09/-0.94 | -2.31/-3.52 | -2.69/-1.26 | -0.64/0.84 | 1.77/1.65 | 1.59/1.20 | 0.97/1.00 | 1.30/1.25 | 0.40/-1.19 | -1.09/-0.56 | -0.15/-0.68 | -2.08/-3.39 | -4.48/-5.43 | -6.46/-7.86 | -7.07/-5.16 | -5.14/-4.88 | -5.36/-3.91 | -2.41/-1.38 | -0.12/1.16 | 1.32/0.60 | -0.23/-0.72 | -0.22/-0.16 |
| Θ(37.5°) | 1.55/2.36 | 2.13/1.60 | 0.63/-0.95 | -1.86/-2.58 | -2.32/-1.94 | -0.69/0.54 | 1.95/2.70 | 1.90/0.27 | -1.01/0.03 | 0.89/1.65 | 1.76/2.19 | 3.06/3.63 | 3.62/2.95 | 2.58/2.85 | 2.15/1.49 | 0.24/-2.32 | -5.52/-5.95 | -4.38/-2.66 | -2.96/-4.01 | -3.54/-1.79 | -0.43/0.73 | 0.99/0.31 | -1.41/-2.82 | -2.29/-0.88 |
| Θ(45°) | 2.54/3.30 | 3.13/2.25 | 1.14/0.22 | 0.28/0.31 | 0.64/-1.24 | -3.11/-3.12 | -0.72/0.89 | 1.17/0.39 | -0.34/0.85 | 1.92/2.77 | 2.94/3.35 | 4.33/4.47 | 4.02/3.74 | 4.15/4.55 | 4.16/3.87 | 2.86/0.85 | -2.07/-3.83 | -3.52/-2.52 | -2.67/-4.38 | -3.99/-2.27 | -1.08/-0.76 | -0.02/-0.08 | -0.68/-1.70 | -2.11/-0.01 |
| Θ(52.5°) | 3.45/3.43 | 2.32/1.61 | 0.96/0.93 | 1.33/1.68 | 1.26/-2.53 | -4.85/-2.72 | 0.25/1.72 | 2.33/2.52 | 2.43/3.93 | 4.27/3.90 | 3.97/3.88 | 3.47/1.84 | 0.82/1.60 | 2.86/3.50 | 3.70/3.54 | 2.62/1.65 | -0.02/-2.81 | -3.37/-1.21 | -1.10/-4.00 | -5.88/-3.63 | -2.51/-2.52 | -1.93/-1.01 | -0.88/-1.59 | -1.81/0.35 |
| Θ(60°) | 3.56/3.90 | 3.09/1.81 | 0.41/0.50 | 1.41/1.43 | 0.29/-3.76 | -2.97/-0.45 | 0.57/0.76 | 1.22/1.80 | 2.45/3.50 | 4.26/3.79 | 2.76/3.33 | 3.63/1.25 | -0.85/-0.24 | 0.73/1.21 | 1.38/1.98 | 2.03/2.36 | 0.80/-1.66 | -2.39/-2.59 | -3.06/-4.19 | -4.57/-2.61 | -2.25/-2.31 | -1.93/-1.33 | -1.21/-0.69 | -0.40/1.29 |
| Θ(67.5°) | 3.37/3.93 | 3.01/1.94 | 0.32/0.72 | 0.99/0.70 | -0.92/-2.82 | -3.53/-3.04 | -3.35/-4.15 | -2.50/-0.34 | 0.31/0.93 | 2.32/0.94 | 0.31/1.38 | 1.54/-1.03 | -1.50/-3.90 | -5.18/-3.63 | -1.97/0.09 | 1.76/1.92 | 0.14/-2.38 | -3.30/-3.70 | -5.38/-8.40 | -6.63/-3.49 | -2.12/-2.47 | -1.44/-1.91 | -2.32/-1.39 | -0.19/0.99 |
| Θ(75°) | 3.80/4.11 | 3.52/2.14 | 0.86/1.36 | 1.01/0.46 | -0.31/-3.57 | -13.25/-3.42 | -0.31/0.86 | 1.82/2.37 | 2.85/1.25 | 0.52/-1.62 | -2.60/-0.51 | 0.87/-1.06 | -0.64/-2.28 | -5.88/-7.67 | -5.54/-2.50 | -0.42/-0.54 | -2.00/-6.14 | -7.47/-4.06 | -3.69/-6.11 | -7.82/-3.62 | -3.14/-3.17 | -1.53/-2.44 | -3.08/-0.21 | 1.44/2.34 |
| Θ(82.5°) | 2.54/3.14 | 3.11/2.27 | 0.72/0.55 | 0.53/0.79 | -1.06/-8.71 | -6.50/-3.86 | -3.64/-3.20 | -1.15/1.82 | 1.72/1.30 | 0.14/-3.01 | -1.61/-1.38 | 0.23/-1.26 | 0.64/-1.61 | -5.81/-10.25 | -9.02/-7.80 | -4.61/-2.33 | -4.09/-7.67 | -6.75/-4.31 | -2.42/-3.67 | -6.92/-2.65 | -1.40/-3.01 | -1.88/-3.27 | -3.26/-0.26 | 1.44/2.00 |
| Θ(90°) | 1.66/2.54 | 3.13/1.94 | 0.08/-0.24 | -0.11/-0.96 | -3.63/-6.95 | -13.36/-9.38 | -5.43/-3.75 | -2.65/-2.54 | -1.49/-1.78 | -2.43/-3.28 | -1.93/-0.89 | -0.34/-0.46 | 0.61/-0.54 | -4.56/-10.93 | -11.69/-9.49 | -5.17/-1.20 | -1.49/-8.05 | -6.74/-4.78 | -2.98/-2.32 | -5.65/-4.68 | -2.85/-5.38 | -4.28/-4.34 | -2.46/-0.12 | 1.11/1.11 |
| Θ(97.5°) | 0.64/1.23 | 2.03/1.09 | -0.30/-1.12 | -1.20/-3.10 | -5.43/-7.59 | -15.44/-9.65 | -5.39/-2.36 | -0.07/-1.12 | -3.09/-5.43 | -5.43/-5.05 | -2.41/-2.04 | -1.98/-1.59 | -0.49/-1.25 | -5.17/-9.96 | -10.49/-11.53 | -5.68/-1.02 | -1.46/-7.58 | -6.67/-5.29 | -6.35/-4.37 | -4.72/-6.53 | -4.61/-7.57 | -7.71/-5.60 | -2.83/-0.80 | -0.41/0.07 |
| Θ(105°) | -0.55/0.45 | 1.88/0.80 | -0.60/-1.70 | -2.61/-3.82 | -4.99/-9.74 | -15.25/-11.50 | -6.83/-5.16 | -1.75/-0.88 | -2.83/-2.68 | -3.73/-5.11 | -2.57/-2.71 | -3.68/-4.05 | -3.23/-3.47 | -6.27/-10.34 | -11.49/-6.73 | -5.53/-3.70 | -2.27/-3.96 | -7.20/-5.79 | -10.99/-6.83 | -6.63/-7.50 | -7.70/-8.01 | -10.54/-3.82 | -1.01/-0.41 | -1.32/-0.97 |
| Θ(112.5°) | -1.39/-0.53 | -0.47/-1.04 | -1.89/-2.27 | -3.81/-4.29 | -7.02/-15.94 | -14.81/-8.56 | -7.97/-8.97 | -2.89/-3.49 | -2.72/-4.33 | -4.54/-4.53 | -2.29/-2.45 | -3.52/-4.48 | -7.13/-5.85 | -4.85/-11.21 | -12.43/-7.23 | -7.86/-7.11 | -3.85/-3.91 | -9.49/-7.78 | -9.93/-6.45 | -7.21/-6.60 | -9.30/-8.86 | -9.02/-2.64 | -3.05/-2.88 | -2.15/-1.95 |
| Θ(120°) | -3.38/-1.91 | -2.71/-2.95 | -3.12/-3.21 | -3.91/-5.00 | -6.90/-12.81 | -15.54/-9.20 | -6.43/-9.71 | -7.80/-7.62 | -5.84/-5.87 | -6.39/-4.18 | -3.73/-3.25 | -5.13/-5.97 | -10.80/-10.34 | -7.96/-10.20 | -13.93/-9.74 | -9.26/-8.68 | -6.48/-3.09 | -7.36/-10.09 | -10.06/-6.82 | -7.30/-8.82 | -8.75/-13.23 | -10.25/-3.29 | -2.07/-2.55 | -4.06/-4.28 |
| Θ(127.5°) | -3.49/-2.10 | -3.52/-5.47 | -4.69/-3.89 | -4.41/-7.06 | -10.39/-11.79 | -15.46/-11.70 | -8.81/-10.65 | -13.03/-12.87 | -11.30/-10.93 | -7.12/-4.99 | -4.33/-4.87 | -5.28/-5.90 | -10.27/-13.54 | -12.89/-15.19 | -13.17/-9.47 | -11.91/-11.73 | -7.62/-7.26 | -11.61/-15.22 | -15.44/-12.03 | -9.30/-9.45 | -10.11/-12.45 | -10.91/-5.39 | -4.58/-4.19 | -3.38/-3.71 |
| Θ(135°) | -7.53/-4.83 | -4.35/-4.99 | -4.98/-5.62 | -7.52/-8.03 | -9.80/-11.98 | -13.67/-14.25 | -15.27/-14.18 | -14.60/-15.46 | -14.39/-11.74 | -8.88/-8.29 | -6.74/-4.64 | -6.09/-6.86 | -7.39/-9.54 | -12.23/-13.61 | -15.36/-13.73 | -11.84/-8.94 | -14.08/-11.00 | -9.05/-11.34 | -14.22/-13.48 | -9.79/-7.91 | -8.20/-10.44 | -7.80/-7.92 | -9.69/-7.17 | -4.92/-5.96 |
| Θ(142.5°) | -12.77/-9.87 | -7.95/-8.80 | -9.41/-7.88 | -8.44/-12.43 | -13.01/-13.45 | -13.91/-15.72 | -15.41/-14.99 | -15.43/-15.67 | -13.84/-11.60 | -9.75/-8.64 | -7.69/-8.40 | -5.92/-7.60 | -14.95/-11.13 | -13.87/-15.10 | -15.82/-13.86 | -12.71/-9.72 | -8.16/-9.34 | -12.59/-13.70 | -14.87/-15.60 | -12.80/-10.33 | -10.13/-12.96 | -15.27/-14.69 | -12.43/-10.30 | -9.32/-10.09 |
| Θ(150°) | -12.56/-10.66 | -8.10/-9.33 | -12.02/-12.39 | -10.47/-8.65 | -9.87/-10.70 | -14.52/-15.91 | -14.36/-11.47 | -10.64/-11.44 | -12.27/-10.57 | -8.49/-8.68 | -9.57/-7.92 | -8.04/-9.62 | -9.96/-12.31 | -15.21/-15.40 | -15.09/-13.37 | -10.78/-11.16 | -12.20/-10.61 | -11.26/-16.04 | -16.17/-15.72 | -14.31/-14.00 | -13.35/-10.90 | -12.98/-14.88 | -13.39/-11.34 | -10.13/-10.33 |
| Θ(157.5°) | -9.60/-11.68 | -11.26/-9.53 | -8.12/-9.55 | -10.79/-12.73 | -14.66/-14.76 | -14.61/-12.80 | -11.87/-11.33 | -10.93/-10.25 | -10.67/-11.95 | -12.60/-10.05 | -8.28/-9.41 | -12.19/-11.11 | -8.17/-7.89 | -11.79/-16.09 | -12.52/-12.41 | -15.82/-13.60 | -11.55/-12.04 | -14.17/-16.10 | -15.39/-15.13 | -15.54/-15.16 | -12.53/-12.38 | -15.93/-13.41 | -8.46/-6.35 | -5.91/-6.08 |
| Θ(165°) | -9.65/-10.47 | -11.03/-10.28 | -11.05/-11.24 | -12.25/-14.37 | -15.33/-15.46 | -14.43/-15.33 | -13.09/-10.91 | -10.16/-9.77 | -10.09/-10.08 | -9.39/-9.08 | -10.10/-11.46 | -12.41/-12.67 | -13.55/-11.98 | -12.53/-10.77 | -10.95/-12.82 | -15.85/-15.59 | -15.41/-15.23 | -15.61/-15.32 | -15.39/-14.83 | -15.33/-15.80 | -15.16/-14.91 | -15.16/-11.07 | -8.40/-7.21 | -7.36/-8.35 |
| Θ(172.5°) | -10.77/-11.23 | -11.34/-12.39 | -13.43/-13.49 | -12.85/-14.95 | -15.55/-15.71 | -15.83/-15.66 | -15.16/-15.41 | -16.14/-15.76 | -15.51/-15.62 | -15.43/-15.07 | -14.18/-13.77 | -12.05/-11.26 | -11.95/-12.03 | -12.11/-14.46 | -15.58/-15.42 | -15.37/-12.89 | -13.17/-14.85 | -14.98/-15.76 | -15.97/-15.16 | -14.72/-15.40 | -15.50/-14.62 | -14.59/-13.97 | -13.04/-12.51 | -12.38/-11.85 |
| Θ(180°) | -15.20/-15.29 | -15.16/-15.17 | -13.91/-13.54 | -13.69/-14.58 | -14.08/-13.81 | -15.10/-13.24 | -12.86/-14.44 | -14.69/-13.27 | -13.13/-13.69 | -12.26/-11.68 | -10.27/-10.61 | -10.95/-10.57 | -13.56/-13.85 | -13.28/-13.90 | -15.04/-15.22 | -15.44/-15.26 | -15.66/-14.64 | -15.43/-15.07 | -15.23/-15.13 | -14.96/-15.93 | -14.76/-15.63 | -15.63/-15.53 | -15.36/-15.20 | -15.80/-15.68 |
| Freq(Hz) | 2.45G/Pol. | Total/Ant. 3 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 0.85/0.58 | 0.65/0.53 | 0.22/-0.05 | 0.51/0.23 | 0.28/1.11 | 0.80/0.30 | 0.04/-0.20 | -0.08/-0.20 | -0.30/-0.20 | -0.13/-0.11 | -0.46/-0.05 | 0.73/1.09 | 1.37/0.69 | 1.51/1.52 | 1.17/1.11 | 1.12/1.50 | 1.01/1.38 | 1.75/1.85 | 1.31/1.68 | 1.59/1.66 | 1.60/1.44 | 1.19/1.02 | 0.92/0.86 | 0.81/0.83 |
| Θ(7.5°) | 0.72/0.24 | 0.68/0.58 | 0.51/1.07 | 1.41/1.37 | 1.74/2.00 | 2.07/2.02 | 1.93/1.98 | 2.09/1.96 | 2.12/1.51 | 1.48/1.21 | 0.37/0.27 | 0.96/0.88 | 1.05/1.21 | 1.41/1.15 | 0.96/0.75 | 0.69/0.57 | 0.54/0.60 | 0.58/0.46 | 0.44/0.28 | -0.10/0.01 | 0.12/0.16 | 0.10/0.00 | -0.08/-0.03 | 0.11/0.27 |
| Θ(15°) | -0.48/0.60 | 0.31/0.62 | 1.10/1.59 | 1.58/1.83 | 2.29/2.58 | 2.89/2.98 | 3.13/3.36 | 3.52/3.29 | 3.05/2.78 | 2.38/2.16 | 1.63/1.67 | 1.54/1.44 | 1.30/1.18 | 0.92/0.03 | -0.28/-0.21 | -0.45/-0.89 | -0.99/-1.13 | -1.15/-1.08 | -1.03/-0.99 | -0.90/-0.78 | -0.64/-0.58 | -0.60/-0.59 | -0.60/-0.50 | -0.41/-0.20 |
| Θ(22.5°) | -0.74/-0.02 | 0.01/1.09 | 1.26/1.60 | 1.78/2.19 | 2.58/3.01 | 3.26/3.51 | 3.77/3.97 | 3.79/4.16 | 3.52/3.76 | 2.69/2.40 | 2.36/2.30 | 2.25/2.02 | 1.82/1.38 | 1.53/0.95 | 0.17/-0.45 | -1.32/-1.65 | -2.02/-2.08 | -1.99/-1.90 | -1.65/-1.36 | -1.12/-0.89 | -0.71/-0.57 | -0.62/-0.70 | -0.71/-0.73 | -0.64/-0.45 |
| Θ(30°) | -0.16/0.06 | 0.98/1.46 | 2.07/2.58 | 2.61/2.79 | 2.92/3.18 | 3.75/4.03 | 4.22/4.55 | 4.05/3.83 | 3.49/3.61 | 3.77/3.28 | 2.86/2.26 | 2.45/2.10 | 2.07/1.68 | 0.92/0.03 | -1.12/-1.37 | -2.20/-2.27 | -2.43/-2.56 | -2.81/-2.59 | -2.34/-1.81 | -1.43/-1.13 | -1.02/-0.69 | -0.78/-0.83 | -0.93/-0.92 | -0.76/-0.56 |
| Θ(37.5°) | -0.61/0.28 | 0.04/0.77 | 2.08/1.89 | 2.38/2.59 | 3.27/3.64 | 3.97/4.16 | 4.53/4.18 | 4.21/3.91 | 4.22/3.04 | 2.42/2.95 | 1.87/2.09 | 2.33/2.27 | 2.00/1.41 | 0.93/0.24 | -0.78/-1.25 | -1.63/-1.46 | -1.60/-2.15 | -2.53/-2.59 | -2.43/-1.98 | -1.41/-0.84 | -0.57/-0.56 | -0.77/-0.95 | -1.07/-0.98 | -0.76/-0.47 |
| Θ(45°) | -0.92/-0.13 | 0.39/1.76 | 2.09/1.84 | 2.22/2.61 | 2.54/3.25 | 3.39/3.50 | 4.01/4.24 | 4.17/4.42 | 3.94/3.78 | 2.88/2.26 | 1.32/1.67 | 1.26/1.50 | 1.55/0.93 | -0.13/-1.60 | -2.57/-1.88 | -1.11/-0.64 | -0.47/-0.95 | -1.61/-0.94 | -2.74/-2.74 | -2.21/-1.50 | -1.03/-0.94 | -1.09/-1.21 | -1.18/-1.18 | -0.97/-0.66 |
| Θ(52.5°) | -2.46/-1.27 | -0.55/0.04 | 0.50/1.18 | 1.40/1.36 | 1.63/1.93 | 2.15/2.33 | 2.98/3.15 | 3.21/3.10 | 2.85/2.70 | 0.94/-0.00 | -0.02/-0.18 | 0.37/0.23 | 0.23/-0.74 | -2.03/-3.05 | -3.06/-1.97 | -0.64/0.26 | 0.62/0.41 | -0.36/-1.51 | -2.72/-3.59 | -3.42/-2.67 | -1.89/-1.48 | -1.46/-1.65 | -1.71/-1.83 | -1.91/-1.83 |
| Θ(60°) | -3.53/-2.94 | -1.40/0.13 | 0.66/0.33 | -0.29/-0.82 | -1.42/-0.23 | 0.10/0.84 | 1.64/1.82 | 1.77/1.24 | 0.43/-0.50 | -1.80/-1.80 | -1.86/-2.03 | -0.90/-0.49 | -0.53/-1.40 | -3.46/-4.87 | -4.24/-2.71 | -1.05/0.40 | 1.29/1.58 | 1.06/-0.01 | -1.43/-2.85 | -3.61/-3.34 | -2.58/-2.13 | -2.25/-2.81 | -2.83/-2.77 | -2.86/-3.06 |
| Θ(67.5°) | -4.95/-4.33 | -3.15/-1.92 | -1.38/-1.96 | -3.01/-2.76 | -1.21/0.40 | 1.48/2.32 | 2.43/2.44 | 1.93/1.24 | -0.20/-2.68 | -3.71/-5.20 | -5.80/-4.11 | -3.00/-2.58 | -3.12/-4.32 | -5.51/-5.34 | -4.21/-2.82 | -1.26/0.55 | 1.81/2.31 | 2.02/1.20 | 0.00/-1.38 | -2.50/-2.83 | -2.56/-2.55 | -3.13/-3.98 | -4.34/-4.14 | -4.08/-4.39 |
| Θ(75°) | -7.89/-7.03 | -5.21/-3.12 | -2.15/-3.65 | -6.11/-4.64 | -1.44/0.79 | 2.18/2.64 | 2.57/2.14 | 1.34/0.14 | -1.74/-3.43 | -7.51/-10.10 | -11.03/-7.02 | -4.75/-3.62 | -4.92/-7.40 | -7.94/-5.11 | -2.83/-1.75 | -0.74/0.76 | 2.19/2.82 | 2.72/2.23 | 1.51/0.69 | -0.30/-1.17 | -1.85/-2.43 | -3.84/-5.65 | -6.48/-6.29 | -6.41/-7.05 |
| Θ(82.5°) | -7.81/-6.66 | -6.91/-5.39 | -6.09/-7.16 | -7.11/-3.08 | -0.30/1.40 | 1.58/1.04 | 0.93/0.71 | 0.56/-0.49 | -2.40/-3.45 | -4.48/-8.43 | -9.53/-7.64 | -4.75/-4.96 | -8.06/-11.75 | -8.41/-4.84 | -2.67/-1.43 | -0.09/1.02 | 2.31/2.95 | 2.84/2.44 | 1.71/0.70 | -0.28/-1.09 | -1.81/-2.96 | -4.78/-6.86 | -8.55/-9.30 | -10.53/-11.29 |
| Θ(90°) | -7.16/-5.40 | -6.14/-4.79 | -5.01/-7.16 | -8.95/-3.27 | -0.69/-1.30 | -2.28/-2.88 | -2.64/-3.35 | -3.03/-2.99 | -3.50/-4.96 | -4.38/-6.68 | -8.04/-7.45 | -5.77/-5.54 | -7.69/-10.16 | -9.28/-5.35 | -1.60/-0.35 | 0.60/1.32 | 2.34/2.97 | 3.04/2.54 | 2.33/0.70 | -0.06/-0.64 | -1.26/-1.99 | -3.11/-4.70 | -6.84/-8.22 | -9.69/-8.76 |
| Θ(97.5°) | -6.87/-5.80 | -6.62/-7.96 | -7.58/-9.13 | -8.15/-5.60 | -3.43/-3.70 | -5.12/-5.41 | -7.02/-9.46 | -9.40/-7.02 | -5.00/-6.45 | -5.60/-7.30 | -7.22/-6.56 | -6.41/-6.87 | -7.07/-11.32 | -10.12/-4.22 | -1.33/-0.07 | 0.53/0.87 | 1.47/2.15 | 2.26/1.80 | 0.99/-0.03 | -0.95/-1.31 | -1.52/-2.02 | -3.07/-5.20 | -7.37/-7.68 | -8.10/-8.53 |
| Θ(105°) | -7.65/-5.50 | -6.31/-8.01 | -10.32/-13.78 | -15.09/-10.84 | -6.08/-6.39 | -6.04/-4.75 | -5.38/-6.43 | -8.32/-8.12 | -5.61/-5.34 | -7.21/-8.04 | -12.90/-10.79 | -9.19/-9.09 | -7.03/-7.84 | -11.81/-7.16 | -2.40/-0.76 | 0.21/-0.23 | -0.30/0.53 | 1.32/1.54 | 1.28/0.49 | -0.77/-1.79 | -2.53/-3.40 | -4.23/-5.45 | -5.62/-6.26 | -7.66/-8.91 |
| Θ(112.5°) | -7.12/-4.75 | -5.11/-7.82 | -9.10/-10.83 | -8.64/-5.77 | -3.25/-3.85 | -3.97/-4.44 | -3.75/-6.03 | -7.36/-7.92 | -6.24/-8.48 | -9.99/-12.38 | -12.06/-8.58 | -8.85/-9.02 | -9.11/-10.37 | -11.62/-6.89 | -3.41/-1.39 | -1.01/-1.36 | -1.86/-1.74 | -0.65/0.14 | 0.50/-0.48 | -1.91/-3.35 | -4.02/-4.42 | -4.95/-5.75 | -6.41/-8.50 | -11.56/-10.88 |
| Θ(120°) | -6.94/-4.94 | -3.25/-4.24 | -5.42/-8.12 | -9.49/-6.16 | -3.38/-4.30 | -6.82/-8.47 | -8.71/-9.68 | -9.64/-8.68 | -8.67/-8.32 | -9.21/-13.77 | -15.59/-10.91 | -11.56/-15.23 | -10.41/-8.90 | -9.40/-10.58 | -6.34/-3.37 | -1.77/-2.00 | -2.37/-2.44 | -1.88/-0.90 | -0.01/-0.06 | -1.15/-2.49 | -3.88/-5.55 | -7.07/-7.33 | -9.13/-10.72 | -14.29/-10.75 |
| Θ(127.5°) | -8.49/-5.68 | -3.19/-3.53 | -5.22/-7.50 | -10.60/-10.56 | -8.07/-7.23 | -8.86/-10.27 | -9.53/-8.26 | -6.80/-6.96 | -5.73/-6.47 | -8.36/-9.30 | -14.25/-12.01 | -15.64/-11.72 | -7.43/-5.60 | -6.38/-7.59 | -5.57/-4.32 | -3.00/-3.30 | -4.84/-5.27 | -3.69/-1.75 | -0.33/-0.03 | -0.91/-2.98 | -6.04/-9.45 | -11.38/-12.69 | -13.40/-12.33 | -13.13/-11.59 |
| Θ(135°) | -8.70/-10.12 | -8.68/-8.24 | -7.86/-9.61 | -14.31/-9.14 | -8.42/-8.33 | -10.73/-13.96 | -13.08/-9.72 | -7.58/-6.55 | -7.36/-9.57 | -10.39/-11.48 | -11.93/-10.76 | -13.09/-8.09 | -5.92/-4.10 | -4.71/-6.86 | -7.71/-4.37 | -3.63/-3.42 | -4.21/-5.38 | -5.64/-4.33 | -2.93/-2.58 | -3.16/-4.60 | -6.27/-8.76 | -10.29/-11.06 | -10.59/-10.82 | -11.23/-10.66 |
| Θ(142.5°) | -14.36/-13.97 | -15.10/-15.15 | -14.23/-12.47 | -10.39/-8.39 | -8.36/-10.39 | -14.46/-16.10 | -11.71/-8.74 | -8.11/-8.76 | -11.28/-13.18 | -12.47/-14.28 | -12.62/-10.62 | -7.98/-5.69 | -5.31/-5.36 | -6.32/-7.26 | -6.99/-5.17 | -3.44/-3.34 | -4.06/-5.01 | -4.86/-4.39 | -3.79/-3.87 | -4.59/-6.38 | -9.28/-13.06 | -14.83/-14.65 | -13.27/-12.59 | -13.36/-15.62 |
| Θ(150°) | -14.27/-12.40 | -10.84/-10.67 | -11.04/-10.61 | -10.17/-10.13 | -10.48/-11.73 | -13.06/-14.59 | -12.58/-12.68 | -12.28/-12.31 | -12.01/-11.98 | -11.06/-9.50 | -8.20/-7.82 | -6.45/-5.32 | -5.87/-6.44 | -9.36/-12.07 | -10.53/-6.72 | -4.39/-3.68 | -3.57/-4.06 | -3.89/-4.62 | -5.00/-5.50 | -6.34/-7.60 | -8.66/-10.98 | -13.26/-14.06 | -13.08/-13.64 | -13.55/-14.77 |
| Θ(157.5°) | -13.78/-13.28 | -12.44/-12.53 | -11.71/-11.00 | -10.68/-10.95 | -12.85/-14.44 | -15.76/-15.42 | -15.13/-15.31 | -15.28/-13.40 | -11.94/-9.36 | -7.82/-6.63 | -6.12/-5.82 | -4.95/-6.49 | -6.82/-9.81 | -10.79/-15.31 | -15.15/-10.63 | -8.57/-7.61 | -6.45/-5.82 | -5.54/-5.27 | -5.48/-5.95 | -6.76/-7.66 | -8.61/-9.96 | -9.73/-12.05 | -11.23/-11.93 | -13.72/-15.61 |
| Θ(165°) | -10.69/-10.71 | -11.09/-11.41 | -12.15/-13.95 | -15.01/-14.77 | -15.20/-15.51 | -15.48/-15.73 | -15.65/-15.66 | -16.02/-15.08 | -13.05/-11.21 | -9.83/-8.96 | -7.63/-7.56 | -6.93/-8.77 | -8.39/-7.77 | -9.31/-11.73 | -15.97/-15.40 | -15.79/-14.42 | -12.98/-10.77 | -11.16/-11.30 | -10.80/-11.23 | -11.94/-12.94 | -12.63/-12.13 | -11.69/-11.90 | -11.76/-12.59 | -12.94/-12.93 |
| Θ(172.5°) | -8.19/-7.92 | -8.09/-8.69 | -9.56/-10.97 | -10.85/-11.88 | -13.40/-13.26 | -14.05/-14.26 | -14.96/-14.76 | -14.41/-13.41 | -13.46/-13.96 | -13.48/-14.72 | -12.72/-13.93 | -13.18/-11.71 | -12.37/-13.63 | -12.64/-12.79 | -13.73/-14.20 | -13.77/-13.17 | -11.85/-11.68 | -10.40/-9.23 | -10.01/-8.45 | -8.33/-8.21 | -8.11/-7.78 | -7.60/-8.07 | -8.62/-8.91 | -8.70/-7.92 |
| Θ(180°) | -9.95/-10.06 | -10.42/-10.48 | -10.87/-11.27 | -12.37/-12.05 | -12.21/-12.12 | -12.02/-11.42 | -10.85/-10.74 | -10.33/-10.94 | -10.91/-11.64 | -12.11/-11.83 | -11.86/-11.53 | -11.59/-10.86 | -10.65/-10.18 | -10.46/-10.53 | -9.79/-10.40 | -9.70/-8.86 | -8.91/-8.48 | -8.55/-8.77 | -7.75/-7.72 | -7.77/-7.84 | -7.98/-8.31 | -8.70/-8.89 | -9.22/-9.02 | -8.74/-8.78 |
| Freq(Hz) | 5.2G/Pol. | Total/Ant. 3 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 0.99/0.78 | 1.16/1.06 | 1.40/1.16 | 1.22/1.02 | 1.73/1.77 | 1.72/2.06 | 1.82/2.67 | 2.57/2.10 | 2.15/1.91 | 2.02/2.04 | 2.27/1.83 | 2.04/1.86 | 1.89/1.51 | 1.32/1.25 | 1.22/1.27 | 1.16/1.38 | 1.46/1.55 | 1.79/1.88 | 2.07/1.70 | 1.40/1.48 | 1.54/1.61 | 1.80/1.75 | 1.26/1.17 | 1.68/1.92 |
| Θ(7.5°) | 1.73/1.24 | 1.47/1.43 | 1.26/1.14 | 0.43/0.10 | 0.21/0.31 | 0.34/0.59 | 0.99/0.86 | 0.65/0.75 | 0.76/0.67 | 0.73/0.65 | 0.42/0.84 | 0.91/1.25 | 1.02/1.20 | 1.58/1.69 | 1.80/2.06 | 2.27/2.32 | 2.25/2.56 | 2.99/3.04 | 3.07/2.92 | 2.52/2.44 | 2.64/2.65 | 2.63/2.43 | 1.70/1.08 | 0.81/1.05 |
| Θ(15°) | 2.73/2.13 | 1.31/0.69 | 0.06/0.06 | 0.29/0.68 | 1.18/1.76 | 2.31/2.71 | 2.98/3.16 | 3.11/2.99 | 3.03/3.06 | 2.98/2.50 | 1.94/1.56 | 1.24/1.21 | 1.19/1.05 | 1.13/1.30 | 1.63/1.94 | 1.23/1.49 | 1.73/2.09 | 2.60/2.94 | 3.27/3.40 | 3.38/3.45 | 3.64/3.69 | 3.65/3.24 | 2.56/2.31 | 2.13/2.12 |
| Θ(22.5°) | 2.43/1.29 | -0.26/-0.97 | -0.78/-0.18 | 0.34/0.77 | 1.08/1.25 | 1.22/1.20 | 1.31/1.57 | 1.90/2.32 | 2.97/3.22 | 3.01/2.46 | 2.03/1.14 | 0.14/-0.45 | -0.88/-0.64 | -1.24/-1.56 | -2.15/-2.25 | -1.78/-0.85 | 0.01/0.99 | 1.73/2.29 | 2.73/2.97 | 3.10/3.31 | 3.39/3.23 | 3.06/2.85 | 2.88/3.08 | 3.04/2.58 |
| Θ(30°) | 1.92/0.91 | -0.09/-0.20 | 0.10/0.39 | -0.15/-0.92 | -2.86/-4.15 | -4.00/-4.01 | -4.34/-4.84 | -3.98/-3.10 | -1.48/0.11 | 0.74/0.43 | -0.56/-2.04 | -2.90/-3.61 | -3.42/-3.24 | -2.89/-3.11 | -4.60/-6.43 | -6.93/-5.21 | -3.07/-1.76 | -0.38/0.69 | 1.04/1.34 | 1.79/1.79 | 1.62/1.37 | 1.13/1.44 | 2.06/2.80 | 3.05/2.48 |
| Θ(37.5°) | 1.04/-0.14 | -1.33/-0.97 | -1.10/-1.36 | -2.98/-6.53 | -7.50/-4.67 | -3.85/-4.63 | -5.65/-7.85 | -8.98/-8.63 | -7.72/-7.02 | -6.41/-4.74 | -5.91/-7.00 | -7.89/-8.83 | -10.72/-9.57 | -7.75/-8.09 | -9.20/-9.29 | -8.44/-7.33 | -6.00/-5.23 | -4.60/-3.40 | -2.12/-0.74 | 0.14/0.13 | -0.53/-0.99 | -0.36/0.37 | 0.73/1.65 | 1.77/1.43 |
| Θ(45°) | 0.16/-0.13 | -0.86/-1.96 | -3.55/-4.97 | -7.54/-8.14 | -5.06/-3.26 | -3.48/-2.75 | -1.94/-1.61 | -2.46/-2.88 | -3.46/-5.89 | -8.22/-9.72 | -8.81/-8.17 | -7.68/-7.81 | -10.06/-8.92 | -6.09/-3.91 | -2.72/-5.46 | -7.03/-7.52 | -5.58/-4.18 | -4.44/-6.98 | -8.91/-4.37 | -1.25/-0.64 | -1.88/-2.31 | -0.66/0.50 | 0.29/-0.37 | 0.08/0.82 |
| Θ(52.5°) | -0.89/-2.08 | -2.44/-4.29 | -7.26/-6.92 | -8.39/-4.72 | -2.57/-2.54 | -1.74/-0.48 | 0.37/0.36 | -0.41/-1.11 | -0.83/-1.69 | -2.02/-4.41 | -7.34/-7.31 | -6.36/-6.23 | -6.04/-6.13 | -7.45/-5.33 | -4.03/-4.93 | -8.27/-9.10 | -4.89/-3.66 | -4.69/-6.13 | -6.34/-6.84 | -4.73/-4.01 | -4.28/-3.46 | -0.01/1.47 | 0.59/-0.41 | -0.95/-0.41 |
| Θ(60°) | -0.21/-2.08 | -5.26/-8.16 | -10.93/-6.60 | -4.87/-0.03 | -0.04/-1.77 | -1.36/1.12 | 1.50/1.02 | 0.05/-1.11 | -1.15/-2.31 | -1.19/-1.64 | -6.81/-5.49 | -5.48/-5.79 | -5.38/-5.95 | -8.69/-5.34 | -1.84/-2.45 | -3.92/-7.72 | -5.79/-2.58 | -2.33/-1.45 | -0.20/-1.38 | -4.64/-6.74 | -6.37/-4.04 | -0.25/2.17 | 1.05/-2.35 | -2.29/0.16 |
| Θ(67.5°) | -1.65/-1.71 | -5.55/-8.14 | -16.12/-8.08 | -0.94/1.74 | 0.35/-1.83 | -1.09/1.67 | 1.98/1.99 | 1.55/1.66 | 0.73/-2.17 | -2.46/-1.91 | -8.43/-3.25 | -4.42/-7.04 | -5.14/-8.91 | -12.47/-8.33 | -3.88/-1.29 | -0.65/-2.29 | -0.62/1.62 | 1.18/2.02 | 3.42/2.85 | 0.48/-2.37 | -3.03/-2.65 | -0.15/1.80 | 1.61/-0.88 | -2.75/-2.42 |
| Θ(75°) | -2.30/-2.53 | -6.32/-7.42 | -13.11/-3.41 | 0.56/1.33 | -0.49/-1.59 | -0.77/-0.86 | -0.06/-0.37 | -1.02/0.15 | 1.46/0.52 | -4.16/-6.00 | -9.00/-5.14 | -2.75/-8.39 | -5.87/-9.44 | -13.13/-8.54 | -3.10/-0.58 | 1.32/1.25 | 3.07/4.95 | 4.41/4.25 | 5.56/5.16 | 3.45/1.54 | 0.79/-0.11 | -0.89/0.48 | 1.03/-1.14 | -2.76/-2.65 |
| Θ(82.5°) | -2.57/-3.14 | -7.51/-7.23 | -5.93/-2.00 | -0.55/-1.55 | -2.32/-4.23 | -2.30/0.99 | 1.52/1.17 | 0.33/-0.22 | -0.93/-1.20 | -4.65/-8.19 | -8.82/-4.23 | -3.06/-9.75 | -7.28/-12.42 | -15.22/-7.56 | -2.95/0.19 | 1.67/2.75 | 5.02/6.51 | 6.04/6.05 | 6.67/6.14 | 4.71/3.78 | 3.58/1.56 | -2.22/-2.72 | -0.93/-1.53 | -4.59/-4.48 |
| Θ(90°) | -5.03/-6.56 | -7.64/-4.96 | -4.16/-2.81 | -2.72/-2.08 | -4.14/-6.46 | -0.96/0.45 | -0.11/-0.82 | -0.82/-1.30 | -1.01/-2.99 | -5.14/-9.10 | -6.05/-7.99 | -3.68/-10.37 | -7.65/-14.90 | -13.19/-9.17 | -3.41/-0.63 | 0.27/1.53 | 4.65/6.55 | 6.43/6.38 | 6.78/5.99 | 4.71/3.88 | 4.21/3.73 | 0.37/-3.08 | -2.74/-1.86 | -5.41/-6.66 |
| Θ(97.5°) | -7.39/-7.94 | -7.99/-4.24 | -3.42/-3.79 | -4.91/-5.32 | -7.93/-7.45 | -1.62/-1.84 | -2.14/-2.46 | -2.78/-1.46 | -2.93/-6.47 | -9.85/-9.49 | -9.55/-10.43 | -6.86/-9.77 | -11.20/-10.77 | -10.13/-6.58 | -3.65/-0.81 | -0.50/-0.01 | 3.78/5.39 | 5.91/6.29 | 5.45/4.04 | 3.33/2.82 | 2.69/2.13 | 0.78/-2.00 | -4.54/-3.14 | -5.54/-9.47 |
| Θ(105°) | -11.47/-11.21 | -9.22/-6.38 | -5.34/-7.07 | -6.09/-7.37 | -10.09/-6.00 | -2.03/-4.22 | -3.63/-3.81 | -4.41/-2.72 | -3.12/-6.45 | -9.67/-10.96 | -12.12/-9.14 | -9.65/-13.02 | -13.63/-14.14 | -10.35/-9.24 | -6.05/-2.48 | -1.31/-2.04 | 0.47/3.28 | 4.32/5.18 | 4.47/2.28 | 0.99/1.04 | 1.56/0.96 | -1.32/-3.81 | -8.62/-4.47 | -5.81/-9.46 |
| Θ(112.5°) | -8.67/-7.45 | -11.94/-10.72 | -10.16/-9.86 | -7.87/-8.38 | -13.86/-9.80 | -4.44/-8.03 | -10.06/-6.46 | -5.60/-3.37 | -4.21/-6.91 | -7.51/-9.43 | -16.05/-7.92 | -14.73/-12.51 | -14.85/-9.66 | -13.09/-9.55 | -6.93/-6.01 | -3.55/-3.57 | -2.76/0.60 | 2.12/2.51 | 1.69/-0.06 | -0.62/-0.78 | 0.22/0.60 | -1.63/-5.02 | -11.60/-10.92 | -7.21/-6.80 |
| Θ(120°) | -13.28/-9.49 | -9.00/-7.57 | -7.15/-10.13 | -11.35/-12.40 | -12.11/-13.84 | -6.39/-7.80 | -14.40/-8.31 | -4.02/-2.13 | -4.30/-7.14 | -11.46/-9.48 | -14.32/-6.45 | -11.28/-14.98 | -10.34/-8.58 | -11.18/-12.09 | -9.93/-6.66 | -5.25/-5.90 | -5.72/-0.54 | 1.05/-0.54 | -1.61/-2.12 | -2.24/-2.30 | -2.61/-0.96 | -1.52/-5.53 | -10.35/-10.98 | -5.38/-5.50 |
| Θ(127.5°) | -14.14/-11.54 | -12.49/-9.69 | -10.17/-8.16 | -8.62/-14.91 | -15.07/-13.03 | -11.35/-9.56 | -9.50/-9.56 | -6.24/-4.38 | -8.90/-15.50 | -9.75/-8.55 | -12.57/-6.25 | -10.28/-8.44 | -8.99/-5.12 | -6.13/-9.17 | -15.50/-9.48 | -6.67/-5.84 | -7.26/-2.97 | -0.28/-1.09 | -3.39/-3.27 | -2.15/-1.44 | -1.89/-4.53 | -6.20/-7.56 | -10.29/-9.89 | -8.92/-9.31 |
| Θ(135°) | -14.19/-13.99 | -11.84/-11.37 | -14.12/-14.07 | -10.67/-10.50 | -9.73/-15.46 | -11.40/-7.62 | -9.26/-9.39 | -8.98/-9.87 | -14.40/-13.32 | -9.66/-14.87 | -9.96/-6.47 | -10.06/-7.85 | -8.69/-5.38 | -4.92/-9.01 | -14.90/-11.97 | -5.70/-5.51 | -9.04/-8.08 | -3.64/-2.81 | -4.44/-5.49 | -4.01/-3.20 | -3.78/-5.52 | -6.93/-10.39 | -14.42/-13.58 | -9.54/-7.11 |
| Θ(142.5°) | -10.32/-11.18 | -13.12/-11.62 | -12.30/-13.18 | -10.92/-9.90 | -9.29/-12.40 | -11.68/-11.88 | -12.24/-12.35 | -12.25/-11.03 | -11.79/-11.37 | -14.88/-12.12 | -7.99/-7.86 | -7.20/-5.73 | -5.20/-3.72 | -5.57/-9.13 | -12.25/-11.10 | -8.72/-9.59 | -8.90/-7.68 | -6.25/-5.66 | -6.44/-8.19 | -9.35/-8.23 | -8.27/-10.29 | -12.09/-13.66 | -15.39/-15.96 | -11.86/-12.21 |
| Θ(150°) | -14.59/-14.75 | -15.23/-13.44 | -10.85/-12.48 | -15.96/-12.37 | -9.45/-10.13 | -13.65/-15.38 | -13.63/-10.13 | -8.60/-10.49 | -15.71/-13.50 | -11.71/-11.08 | -12.78/-7.88 | -5.47/-5.76 | -5.13/-3.77 | -4.98/-8.91 | -12.00/-12.58 | -14.93/-11.46 | -7.31/-7.03 | -8.29/-7.95 | -7.31/-8.69 | -11.79/-10.83 | -11.06/-14.47 | -13.91/-13.49 | -11.41/-9.07 | -10.32/-13.81 |
| Θ(157.5°) | -8.57/-9.35 | -12.72/-14.70 | -15.73/-15.01 | -14.13/-15.25 | -14.00/-12.19 | -11.16/-11.28 | -13.86/-12.15 | -10.71/-8.43 | -7.98/-9.72 | -12.54/-15.24 | -12.55/-9.22 | -9.32/-11.41 | -10.83/-9.84 | -11.05/-13.03 | -13.41/-12.78 | -12.13/-10.32 | -7.70/-6.38 | -5.56/-5.64 | -6.17/-6.71 | -7.79/-9.79 | -11.52/-14.55 | -15.18/-13.12 | -11.90/-14.71 | -14.63/-11.71 |
| Θ(165°) | -10.07/-10.88 | -11.99/-13.69 | -14.59/-13.64 | -15.20/-13.74 | -12.86/-12.46 | -12.43/-12.16 | -11.14/-8.97 | -6.60/-5.32 | -5.57/-5.85 | -6.95/-7.79 | -9.39/-9.98 | -10.21/-10.02 | -10.10/-10.53 | -10.03/-9.82 | -10.42/-8.84 | -7.94/-7.75 | -7.72/-8.59 | -8.78/-8.38 | -7.86/-8.90 | -9.94/-8.91 | -9.24/-11.10 | -13.78/-15.50 | -13.93/-10.24 | -8.22/-8.77 |
| Θ(172.5°) | -10.89/-10.04 | -9.07/-9.11 | -9.10/-9.83 | -10.42/-11.05 | -12.75/-13.64 | -14.64/-12.82 | -11.40/-11.41 | -10.33/-10.36 | -9.39/-8.25 | -7.79/-7.94 | -8.63/-8.07 | -7.08/-6.46 | -5.69/-6.84 | -7.07/-7.81 | -7.96/-7.68 | -7.59/-7.81 | -7.86/-7.53 | -8.10/-8.74 | -9.23/-8.60 | -7.86/-8.42 | -9.45/-9.94 | -9.35/-9.02 | -9.87/-10.89 | -11.66/-13.15 |
| Θ(180°) | -9.76/-9.89 | -10.55/-10.61 | -10.46/-9.82 | -8.79/-8.41 | -8.06/-7.75 | -7.22/-7.51 | -7.75/-7.95 | -8.37/-8.22 | -8.47/-9.08 | -9.85/-10.32 | -9.58/-9.12 | -8.60/-8.65 | -8.87/-9.38 | -9.22/-9.26 | -9.46/-9.09 | -9.06/-8.55 | -8.46/-8.47 | -8.06/-7.43 | -7.09/-7.96 | -8.97/-8.80 | -8.02/-7.44 | -7.10/-7.90 | -10.15/-11.31 | -9.41/-8.51 |
| Freq(Hz) | 5.3G/Pol. | Total/Ant. 3 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 1.12/1.47 | 1.83/1.89 | 1.98/1.90 | 2.16/2.17 | 2.44/2.67 | 2.66/2.56 | 2.69/3.04 | 3.08/2.89 | 2.97/2.94 | 2.77/2.48 | 2.47/2.25 | 2.17/1.66 | 2.12/2.12 | 2.05/2.07 | 2.16/2.16 | 2.16/2.47 | 2.59/2.44 | 2.29/2.49 | 2.58/2.43 | 2.35/2.20 | 2.07/1.96 | 1.64/1.60 | 1.96/2.18 | 2.10/1.86 |
| Θ(7.5°) | 2.18/1.35 | 1.19/1.02 | 0.88/0.88 | 1.02/1.19 | 1.04/1.13 | 1.18/1.16 | 1.30/1.42 | 1.25/1.24 | 1.39/1.24 | 1.27/1.25 | 0.94/1.04 | 1.05/1.26 | 1.67/2.31 | 2.65/3.18 | 3.41/3.30 | 3.21/3.31 | 3.59/3.62 | 3.43/3.52 | 3.62/3.52 | 3.48/3.32 | 3.05/2.83 | 2.48/2.04 | 2.17/2.85 | 2.91/2.33 |
| Θ(15°) | 2.05/1.65 | 1.33/1.19 | 0.92/0.78 | 0.94/1.33 | 1.31/1.49 | 1.94/2.33 | 2.39/2.51 | 2.69/2.72 | 2.79/2.78 | 2.57/2.35 | 2.21/2.23 | 2.32/1.93 | 1.75/1.97 | 2.58/3.20 | 3.32/3.29 | 2.65/2.91 | 3.31/3.43 | 3.46/3.72 | 3.87/3.89 | 3.98/3.80 | 3.57/3.27 | 3.06/2.83 | 2.99/3.22 | 2.77/2.22 |
| Θ(22.5°) | 1.80/1.57 | 0.77/0.75 | 0.93/1.37 | 1.99/2.23 | 1.90/1.60 | 1.60/1.47 | 1.74/1.75 | 2.04/2.80 | 3.51/3.62 | 3.65/3.36 | 2.94/2.73 | 2.19/1.83 | 1.25/0.79 | 0.41/-0.21 | -0.69/-0.62 | 0.20/1.22 | 1.93/2.56 | 2.88/3.20 | 3.43/3.56 | 3.62/3.45 | 3.12/2.95 | 2.83/2.87 | 3.09/2.72 | 2.18/1.95 |
| Θ(30°) | 0.47/-0.69 | -1.04/-0.20 | 0.69/1.36 | 0.91/0.16 | -0.90/-2.18 | -2.99/-3.68 | -3.59/-3.73 | -3.03/-1.34 | 0.19/1.20 | 2.14/2.12 | 1.64/0.93 | 0.54/-0.21 | -0.33/-1.00 | -1.67/-2.74 | -4.52/-5.34 | -4.02/-2.23 | -0.53/0.83 | 1.55/1.66 | 2.07/2.27 | 2.14/2.08 | 1.92/1.36 | 1.02/1.48 | 1.93/1.92 | 1.77/1.33 |
| Θ(37.5°) | -0.97/-2.18 | -3.25/-2.17 | -1.40/-0.57 | -1.94/-4.69 | -7.03/-6.82 | -6.30/-6.65 | -7.67/-8.53 | -9.01/-8.05 | -6.22/-5.28 | -3.82/-3.10 | -3.64/-4.20 | -5.10/-4.93 | -4.93/-5.71 | -5.88/-7.60 | -11.37/-12.02 | -10.26/-9.08 | -5.66/-3.59 | -2.74/-2.37 | -1.17/0.39 | 1.42/1.65 | 1.37/0.73 | 0.34/0.95 | 1.61/1.72 | 1.09/0.28 |
| Θ(45°) | -1.32/-4.15 | -5.00/-4.96 | -5.18/-5.07 | -9.02/-13.02 | -10.13/-7.71 | -7.97/-6.11 | -4.33/-4.08 | -4.57/-4.22 | -4.43/-5.65 | -10.07/-10.73 | -7.61/-4.69 | -4.16/-6.22 | -9.09/-8.68 | -5.91/-4.15 | -4.01/-6.98 | -8.53/-7.10 | -4.47/-3.48 | -4.64/-7.38 | -6.55/-2.04 | 0.11/0.24 | -0.50/-0.82 | 0.19/0.84 | 0.79/0.57 | 0.40/0.32 |
| Θ(52.5°) | -1.93/-3.87 | -6.48/-14.77 | -7.74/-8.05 | -11.70/-6.28 | -4.37/-3.86 | -3.31/-1.48 | -0.56/-1.65 | -2.87/-2.08 | -1.72/-1.25 | -3.02/-6.19 | -9.10/-4.00 | -3.84/-7.62 | -8.44/-7.63 | -5.78/-4.33 | -3.69/-4.69 | -7.37/-7.86 | -4.32/-3.40 | -5.97/-8.55 | -11.44/-7.22 | -3.09/-2.18 | -3.69/-3.59 | -1.47/0.28 | 1.29/-0.09 | -1.14/-0.55 |
| Θ(60°) | -4.13/-5.72 | -8.76/-13.51 | -10.76/-11.36 | -6.25/-1.15 | -0.52/-1.68 | -1.51/0.56 | 1.59/1.05 | -0.59/-0.75 | -1.88/-1.48 | -1.45/-2.50 | -6.68/-4.49 | -3.06/-6.06 | -7.35/-7.25 | -7.35/-5.32 | -3.01/-3.46 | -5.84/-8.61 | -4.85/-3.45 | -4.25/-2.51 | -1.52/-3.58 | -4.90/-3.42 | -3.40/-3.69 | -2.63/-0.56 | 1.29/0.76 | -1.12/-2.31 |
| Θ(67.5°) | -2.29/-3.79 | -6.86/-9.71 | -11.92/-8.94 | -1.60/0.66 | 0.08/-0.26 | 0.73/2.16 | 2.93/2.69 | 1.80/1.96 | 1.01/-1.28 | -2.90/-2.98 | -10.04/-4.63 | -3.48/-7.02 | -6.18/-10.58 | -12.55/-7.07 | -3.99/-1.82 | -2.44/-2.79 | -0.15/1.10 | 0.69/2.32 | 3.38/1.78 | -1.23/-1.86 | -1.82/-2.70 | -1.94/-1.16 | 0.18/-0.11 | -2.31/-2.81 |
| Θ(75°) | -1.64/-3.19 | -5.94/-7.44 | -13.29/-7.43 | -1.32/0.03 | -0.43/-0.21 | -0.22/-0.63 | 0.19/0.07 | -0.09/0.22 | 0.96/-0.43 | -4.31/-5.54 | -9.29/-5.92 | -2.71/-7.67 | -7.04/-9.88 | -13.07/-9.13 | -3.00/-0.96 | -0.41/0.86 | 3.29/4.68 | 3.94/4.83 | 5.92/4.86 | 2.73/1.24 | 1.03/-1.37 | -2.64/-0.91 | 0.29/-1.37 | -4.03/-3.53 |
| Θ(82.5°) | -2.14/-2.69 | -4.40/-5.07 | -7.66/-4.78 | -3.36/-2.70 | -0.00/-1.92 | -1.12/2.93 | 3.60/2.71 | 1.02/-0.34 | -2.82/-2.73 | -3.95/-7.08 | -9.05/-5.25 | -4.11/-8.38 | -8.09/-12.79 | -15.08/-7.49 | -3.02/-0.78 | 0.20/2.92 | 5.21/6.16 | 5.94/6.39 | 6.45/5.34 | 4.02/4.01 | 3.90/1.54 | -1.84/-1.37 | -0.24/-2.78 | -7.21/-5.64 |
| Θ(90°) | -4.02/-4.92 | -5.72/-5.11 | -5.95/-3.29 | -3.53/-2.06 | -2.64/-5.85 | 0.17/1.75 | 0.92/0.23 | 0.43/-1.18 | -1.26/-3.76 | -4.63/-6.21 | -5.43/-8.72 | -4.48/-13.98 | -6.44/-16.11 | -13.73/-12.57 | -3.56/-1.04 | -1.23/1.73 | 4.89/6.35 | 6.68/7.09 | 6.63/5.19 | 4.18/3.78 | 4.33/3.46 | 0.20/-1.56 | -2.09/-3.49 | -6.76/-8.19 |
| Θ(97.5°) | -7.26/-8.67 | -10.35/-6.65 | -3.93/-3.90 | -4.41/-4.43 | -6.85/-7.91 | -0.72/-0.27 | -1.12/-2.26 | -2.23/-0.62 | -3.44/-8.38 | -7.47/-6.48 | -8.30/-10.08 | -7.54/-8.55 | -7.03/-10.78 | -10.28/-8.47 | -3.58/-2.00 | -2.75/0.25 | 4.00/5.19 | 5.96/6.33 | 5.29/3.97 | 3.12/3.21 | 3.33/2.84 | 0.48/-3.49 | -6.49/-4.84 | -7.15/-8.19 |
| Θ(105°) | -8.65/-9.57 | -10.20/-6.57 | -4.78/-5.99 | -6.73/-8.43 | -11.02/-6.36 | -1.12/-3.83 | -2.73/-2.43 | -4.59/-1.90 | -2.97/-5.99 | -9.49/-8.48 | -10.88/-11.05 | -10.62/-12.87 | -10.40/-13.36 | -12.03/-10.52 | -4.24/-2.91 | -3.48/-2.55 | 0.84/3.14 | 4.44/5.05 | 3.44/1.47 | 1.64/2.01 | 1.96/0.82 | -1.17/-4.77 | -10.65/-7.73 | -7.50/-7.14 |
| Θ(112.5°) | -12.39/-6.07 | -7.53/-9.05 | -10.15/-10.74 | -10.16/-11.81 | -13.21/-9.09 | -3.52/-6.34 | -7.91/-4.35 | -4.97/-1.85 | -3.08/-7.42 | -8.76/-7.00 | -13.39/-11.72 | -14.63/-13.27 | -15.21/-12.17 | -15.18/-9.08 | -4.99/-4.75 | -4.72/-4.35 | -2.20/1.07 | 2.43/2.48 | 1.25/-0.32 | -0.42/-0.05 | 0.91/0.28 | -2.52/-5.19 | -10.84/-5.90 | -7.11/-9.98 |

| Θ(120°) | -12.33/-9.24 | -6.89/-8.29 | -8.88/-8.79 | -10.68/-12.25 | -15.29/-13.74 | -8.47/-9.35 | -14.91/-10.09 | -4.86/-2.64 | -3.76/-7.39 | -9.50/-7.81 | -12.41/-7.84 | -12.21/-13.36 | -14.61/-9.83 | -12.82/-12.12 | -10.73/-5.14 | -5.18/-6.72 | -6.52/-0.35 | 1.36/-0.23 | -1.63/-2.32 | -1.70/-1.81 | -1.81/-0.65 | -1.31/-4.83 | -10.17/-9.44 | -12.83/-8.78 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(127.5°) | -10.34/-13.68 | -15.29/-10.32 | -9.56/-11.02 | -9.96/-14.65 | -14.79/-12.38 | -11.90/-11.55 | -10.45/-9.29 | -7.40/-5.04 | -7.18/-14.68 | -11.16/-7.45 | -15.00/-7.10 | -9.35/-10.00 | -8.28/-5.23 | -7.78/-8.52 | -15.25/-7.00 | -5.74/-6.74 | -9.02/-3.24 | 0.11/-1.27 | -3.56/-2.42 | -1.28/-0.90 | -0.80/-2.50 | -4.21/-6.89 | -9.64/-7.40 | -9.24/-5.79 |
| Θ(135°) | -10.54/-10.05 | -14.42/-12.29 | -9.31/-11.80 | -10.00/-10.38 | -10.62/-14.18 | -13.69/-10.71 | -9.29/-8.13 | -7.53/-9.22 | -13.32/-13.60 | -8.88/-11.28 | -12.83/-7.57 | -10.14/-7.96 | -7.95/-4.59 | -6.00/-11.58 | -15.11/-10.68 | -5.56/-5.62 | -9.16/-7.08 | -3.40/-3.04 | -5.27/-5.86 | -3.03/-2.42 | -3.66/-5.06 | -6.85/-10.49 | -14.26/-14.37 | -7.66/-6.49 |
| Θ(142.5°) | -10.69/-12.59 | -14.06/-11.39 | -10.17/-11.78 | -10.76/-9.66 | -9.66/-12.95 | -14.40/-11.77 | -11.57/-13.31 | -14.30/-12.13 | -12.02/-12.56 | -15.58/-11.88 | -6.34/-9.43 | -8.79/-6.00 | -4.34/-3.35 | -6.54/-9.83 | -14.05/-12.82 | -9.55/-11.21 | -7.51/-5.82 | -5.73/-5.41 | -6.15/-7.25 | -6.96/-6.96 | -9.29/-12.16 | -14.41/-13.80 | -11.93/-12.56 | -10.51/-8.33 |
| Θ(150°) | -15.82/-15.49 | -14.64/-15.70 | -11.83/-12.11 | -12.39/-13.77 | -10.85/-9.64 | -12.22/-15.66 | -14.74/-9.97 | -9.55/-12.11 | -14.08/-11.96 | -10.61/-9.58 | -11.24/-9.51 | -6.66/-5.88 | -5.10/-3.97 | -5.28/-8.67 | -12.25/-13.04 | -13.59/-10.46 | -6.11/-5.38 | -7.07/-7.67 | -7.05/-7.96 | -9.00/-9.40 | -10.14/-12.58 | -13.33/-12.50 | -13.32/-10.44 | -9.01/-10.92 |
| Θ(157.5°) | -11.30/-11.23 | -11.39/-12.58 | -13.44/-11.59 | -11.52/-14.27 | -15.21/-14.82 | -13.36/-12.26 | -12.81/-12.09 | -8.58/-6.63 | -7.35/-9.36 | -12.97/-15.52 | -11.90/-7.83 | -8.05/-9.87 | -8.91/-8.72 | -9.51/-10.32 | -12.04/-13.12 | -12.32/-10.84 | -8.46/-6.39 | -5.80/-6.19 | -6.98/-6.92 | -7.49/-10.25 | -15.46/-15.19 | -15.35/-13.41 | -12.41/-15.37 | -15.72/-15.47 |
| Θ(165°) | -10.30/-10.70 | -11.85/-13.67 | -13.28/-12.88 | -11.68/-11.77 | -12.56/-12.63 | -13.34/-12.71 | -10.99/-8.86 | -6.36/-5.37 | -4.52/-4.43 | -5.46/-6.56 | -7.00/-7.82 | -9.19/-10.70 | -10.98/-9.88 | -9.24/-8.98 | -9.79/-8.64 | -7.93/-7.63 | -7.61/-7.44 | -7.73/-8.47 | -7.95/-8.62 | -10.68/-11.04 | -10.75/-11.44 | -13.97/-15.53 | -13.78/-11.34 | -11.39/-11.08 |
| Θ(172.5°) | -10.85/-10.17 | -9.58/-9.59 | -10.40/-12.01 | -12.92/-13.44 | -13.44/-12.35 | -12.33/-12.34 | -11.98/-11.43 | -9.99/-8.82 | -8.82/-9.22 | -9.37/-8.46 | -8.15/-7.36 | -7.68/-7.41 | -6.24/-6.48 | -6.40/-6.95 | -7.29/-7.18 | -7.43/-7.70 | -7.55/-8.04 | -8.57/-8.73 | -9.37/-8.67 | -7.71/-8.42 | -8.75/-8.98 | -8.96/-8.11 | -8.56/-11.49 | -14.61/-13.71 |
| Θ(180°) | -8.30/-8.26 | -8.77/-8.20 | -8.55/-9.56 | -9.20/-8.31 | -8.02/-8.03 | -7.85/-8.10 | -7.34/-6.55 | -6.67/-7.03 | -7.25/-7.87 | -8.24/-8.56 | -8.29/-8.31 | -8.11/-7.89 | -8.23/-8.43 | -8.27/-7.94 | -8.35/-8.18 | -7.79/-7.58 | -7.18/-6.61 | -6.91/-6.97 | -7.03/-7.46 | -7.59/-6.42 | -6.01/-6.95 | -7.34/-7.60 | -8.68/-9.97 | -9.96/-8.42 |
| Freq(Hz) | 5.6G/Pol. | Total/Ant. 3 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 4.98/4.69 | 4.68/4.64 | 4.73/4.97 | 5.01/4.98 | 4.96/5.12 | 5.24/5.24 | 5.19/5.17 | 5.22/5.20 | 5.15/5.17 | 5.20/5.18 | 5.23/5.17 | 5.01/5.08 | 5.23/5.47 | 5.68/5.69 | 5.53/5.36 | 5.41/5.53 | 5.52/5.34 | 5.07/5.18 | 5.32/5.22 | 5.14/4.99 | 4.87/4.80 | 4.71/4.76 | 4.94/5.17 | 5.17/5.11 |
| Θ(7.5°) | 5.69/5.66 | 5.42/5.42 | 5.32/5.21 | 5.05/4.88 | 4.85/4.82 | 4.64/4.41 | 4.07/4.11 | 4.32/4.41 | 4.42/4.33 | 4.40/4.68 | 4.75/4.69 | 4.84/4.92 | 5.05/5.05 | 5.15/5.16 | 5.03/4.88 | 4.89/4.88 | 4.62/4.25 | 3.99/3.91 | 4.07/4.13 | 4.06/4.13 | 4.33/4.37 | 4.20/4.21 | 4.55/4.90 | 5.43/5.65 |
| Θ(15°) | 4.57/4.55 | 4.69/4.53 | 4.46/4.22 | 3.96/3.79 | 3.61/3.06 | 2.58/2.15 | 1.78/1.87 | 2.02/2.02 | 2.26/2.32 | 2.71/3.28 | 3.75/4.04 | 4.34/4.67 | 5.03/5.04 | 4.66/4.41 | 4.11/3.99 | 3.66/3.68 | 3.69/3.40 | 3.07/2.84 | 2.72/2.63 | 2.74/2.70 | 2.93/3.27 | 3.48/3.38 | 3.49/4.24 | 4.96/5.18 |
| Θ(22.5°) | 1.83/1.28 | 0.92/0.80 | 1.19/1.41 | 2.04/2.81 | 3.30/3.29 | 3.21/3.35 | 3.51/3.73 | 3.88/4.31 | 4.92/5.29 | 5.01/4.64 | 4.18/3.50 | 3.09/3.46 | 3.97/4.03 | 3.82/2.94 | 2.50/2.77 | 3.40/3.99 | 4.48/4.67 | 4.57/4.31 | 4.12/3.87 | 3.57/3.54 | 3.42/3.67 | 3.76/3.54 | 3.34/3.70 | 3.41/3.07 |
| Θ(30°) | 0.38/0.29 | -0.46/-1.12 | -1.00/0.40 | 1.79/2.49 | 2.70/2.39 | 1.87/1.32 | 1.05/1.04 | 1.21/2.00 | 3.26/4.46 | 5.31/5.41 | 4.39/2.78 | 1.69/1.70 | 2.13/2.47 | 1.62/0.49 | 0.30/0.97 | 2.07/2.97 | 3.44/3.69 | 3.46/3.42 | 3.37/3.23 | 3.18/3.52 | 3.85/4.29 | 4.05/3.72 | 2.76/1.95 | 0.92/0.55 |
| Θ(37.5°) | 0.93/0.58 | -1.09/-4.04 | -2.58/-0.44 | 0.46/0.11 | -1.70/-3.24 | -4.40/-5.33 | -5.99/-6.41 | -6.75/-6.73 | -5.56/-2.52 | 0.21/1.67 | 1.29/-0.84 | -3.76/-6.20 | -5.46/-3.77 | -3.38/-5.87 | -5.97/-2.90 | -1.31/-0.78 | -0.17/-0.26 | -0.91/-0.39 | 0.51/1.37 | 2.01/2.03 | 2.21/2.66 | 3.04/2.74 | 1.09/-0.71 | -0.75/0.11 |
| Θ(45°) | -1.50/-0.25 | -1.74/-2.19 | -0.45/-0.34 | -2.07/-5.87 | -8.38/-7.73 | -9.09/-11.43 | -9.27/-6.21 | -5.38/-7.29 | -8.00/-7.85 | -9.17/-7.25 | -4.36/-4.21 | -6.73/-10.17 | -9.91/-6.33 | -4.30/-5.28 | -5.92/-6.62 | -7.22/-4.93 | -2.93/-3.61 | -6.46/-6.07 | -2.41/0.11 | 0.57/-0.27 | -0.72/-0.37 | 0.85/1.45 | 0.64/-0.94 | -2.02/-1.63 |
| Θ(52.5°) | -2.65/-1.80 | -3.85/-2.68 | -1.90/-4.78 | -10.97/-11.84 | -11.11/-7.75 | -5.26/-4.13 | -2.29/-1.07 | -1.53/-3.58 | -4.03/-4.76 | -10.09/-13.92 | -7.97/-5.49 | -6.54/-7.13 | -5.59/-4.86 | -2.96/-3.58 | -5.16/-7.13 | -7.82/-4.42 | -2.83/-3.45 | -5.78/-8.53 | -5.20/-2.09 | -0.82/-1.47 | -2.93/-2.59 | -2.86/-2.71 | -1.39/-1.86 | -3.24/-3.35 |
| Θ(60°) | -4.14/-4.27 | -5.05/-2.03 | -3.24/-8.06 | -12.91/-10.31 | -2.35/-0.64 | -2.22/-2.15 | -0.22/-0.63 | -1.93/-2.03 | -1.98/-2.36 | -4.09/-9.01 | -10.22/-4.94 | -7.72/-6.17 | -3.37/-3.38 | -4.40/-5.13 | -5.80/-7.08 | -11.05/-7.63 | -4.31/-2.86 | -2.81/-2.38 | -3.41/-4.02 | -1.61/-0.40 | -2.15/-4.54 | -4.19/-3.67 | -1.79/-3.25 | -5.40/-5.02 |
| Θ(67.5°) | -7.06/-5.32 | -4.54/-4.26 | -5.75/-8.23 | -11.46/-1.69 | -0.28/-1.80 | 0.29/3.08 | 3.63/2.85 | 2.35/1.78 | 0.31/-3.20 | -4.68/-5.25 | -10.23/-7.08 | -8.68/-5.40 | -2.79/-5.07 | -10.86/-12.09 | -8.02/-10.80 | -10.89/-4.43 | -1.97/-0.59 | -0.61/1.17 | 0.77/-2.76 | -1.96/0.71 | 0.11/-4.00 | -6.04/-6.43 | -2.83/-2.14 | -6.02/-6.49 |
| Θ(75°) | -7.97/-3.53 | -3.67/-5.08 | -5.06/-7.45 | -5.37/-2.15 | -2.21/0.63 | 2.40/1.41 | 0.64/0.20 | 0.26/0.67 | 0.94/0.01 | -3.94/-7.87 | -11.04/-7.65 | -8.92/-5.92 | -5.64/-6.88 | -15.92/-12.11 | -11.50/-9.41 | -4.74/0.45 | 2.24/2.83 | 2.30/3.72 | 4.25/2.02 | 0.03/1.69 | 1.80/-1.38 | -3.77/-4.68 | -2.13/-1.29 | -4.94/-11.04 |
| Θ(82.5°) | -5.75/-5.56 | -7.77/-5.78 | -6.40/-7.69 | -5.77/-2.61 | -1.03/0.69 | 0.98/3.90 | 5.33/5.00 | 3.79/1.94 | -0.96/-1.10 | -3.75/-12.44 | -9.23/-9.57 | -7.44/-13.07 | -12.51/-13.77 | -14.63/-11.71 | -8.73/-6.20 | -0.27/3.21 | 4.08/4.94 | 4.97/5.46 | 6.07/4.65 | 3.35/3.69 | 3.14/-0.70 | -2.95/-3.63 | -3.17/-2.71 | -5.00/-10.86 |
| Θ(90°) | -3.99/-6.45 | -5.40/-4.67 | -7.38/-6.72 | -7.17/-5.07 | -2.99/-2.27 | 1.76/4.19 | 3.87/3.74 | 4.34/2.14 | 0.76/-1.74 | -3.72/-8.04 | -6.31/-14.63 | -7.46/-13.30 | -13.05/-11.38 | -9.57/-12.03 | -8.63/-4.73 | -0.71/2.71 | 4.19/5.65 | 6.37/6.39 | 6.50/5.80 | 4.48/4.26 | 4.18/0.54 | -3.91/-3.30 | -3.69/-4.51 | -5.21/-8.83 |
| Θ(97.5°) | -3.97/-5.91 | -7.30/-8.77 | -8.09/-8.03 | -11.38/-5.28 | -5.37/-3.80 | 0.89/1.37 | 0.19/0.23 | 2.04/2.43 | -0.10/-3.71 | -6.70/-6.99 | -6.24/-14.88 | -9.33/-9.89 | -9.14/-8.99 | -10.15/-10.90 | -7.32/-5.20 | -2.35/0.76 | 2.58/4.95 | 5.87/5.80 | 5.87/5.36 | 4.21/2.96 | 2.61/0.85 | -3.73/-3.40 | -4.81/-5.28 | -4.89/-4.91 |
| Θ(105°) | -4.95/-5.83 | -8.86/-11.43 | -10.07/-10.20 | -8.55/-8.23 | -8.20/-6.79 | -1.45/-2.87 | -2.68/1.17 | -0.66/0.77 | -2.49/-6.14 | -7.48/-8.29 | -8.04/-14.86 | -9.10/-14.28 | -5.47/-11.13 | -10.91/-11.12 | -6.11/-6.83 | -4.16/-2.98 | 0.12/3.13 | 4.41/4.53 | 4.49/3.74 | 2.81/1.18 | 0.24/-0.40 | -3.45/-6.06 | -6.43/-6.15 | -4.63/-3.59 |
| Θ(112.5°) | -7.45/-6.78 | -6.47/-7.45 | -5.55/-7.21 | -7.71/-9.16 | -9.35/-6.47 | -3.39/-7.36 | -7.95/-1.67 | -2.28/-0.95 | -4.33/-9.88 | -11.06/-8.56 | -13.19/-13.83 | -13.25/-10.40 | -6.72/-15.96 | -12.46/-14.09 | -7.05/-6.51 | -5.93/-4.65 | -3.41/0.57 | 2.13/2.68 | 3.10/1.99 | 0.63/0.12 | -0.26/-1.01 | -4.30/-7.72 | -8.96/-6.53 | -4.96/-5.26 |
| Θ(120°) | -10.98/-10.00 | -5.58/-5.49 | -9.02/-11.49 | -10.12/-9.21 | -14.47/-7.03 | -11.10/-7.74 | -13.04/-8.65 | -5.87/-2.77 | -4.38/-10.14 | -6.29/-7.40 | -12.03/-13.23 | -14.94/-12.49 | -10.39/-15.69 | -11.39/-13.88 | -10.06/-6.65 | -7.61/-6.30 | -5.50/-2.20 | -0.67/-1.29 | -0.06/0.31 | -0.88/-1.83 | -0.73/-1.18 | -4.37/-7.84 | -9.47/-6.92 | -5.01/-6.48 |
| Θ(127.5°) | -6.04/-8.61 | -11.32/-8.80 | -11.72/-12.40 | -14.26/-14.97 | -11.31/-8.99 | -12.17/-12.93 | -9.88/-8.93 | -7.73/-6.00 | -5.59/-12.08 | -13.03/-8.48 | -15.29/-13.93 | -7.65/-7.96 | -9.00/-5.92 | -7.49/-8.42 | -13.49/-6.19 | -6.46/-9.06 | -10.72/-2.86 | -1.01/-3.75 | -4.21/-2.26 | -1.85/-2.65 | -2.93/-4.03 | -5.39/-7.37 | -9.06/-5.72 | -5.61/-6.03 |
| Θ(135°) | -7.84/-8.06 | -6.82/-7.34 | -10.60/-13.91 | -11.94/-14.76 | -13.34/-10.96 | -15.22/-15.03 | -10.91/-7.51 | -6.89/-7.55 | -12.75/-14.93 | -7.21/-8.78 | -11.17/-11.59 | -7.95/-5.98 | -7.11/-4.71 | -8.72/-11.62 | -13.22/-9.74 | -5.62/-5.07 | -10.56/-6.94 | -3.87/-5.71 | -7.14/-4.34 | -2.99/-3.89 | -3.29/-4.63 | -7.71/-11.77 | -14.20/-7.35 | -6.57/-7.61 |
| Θ(142.5°) | -12.31/-12.09 | -15.45/-10.71 | -8.96/-14.50 | -11.67/-12.66 | -11.10/-10.06 | -14.01/-10.93 | -8.36/-10.20 | -12.33/-9.92 | -9.50/-10.64 | -12.64/-9.95 | -6.15/-13.24 | -6.20/-8.51 | -7.34/-6.08 | -8.85/-7.97 | -12.68/-10.56 | -7.95/-12.85 | -14.02/-7.35 | -5.42/-5.67 | -7.66/-7.25 | -5.54/-6.63 | -7.19/-8.41 | -13.57/-14.29 | -10.31/-8.87 | -10.02/-10.89 |
| Θ(150°) | -15.60/-15.16 | -15.70/-15.22 | -15.47/-15.43 | -15.43/-15.38 | -16.35/-12.91 | -12.35/-16.41 | -15.87/-11.53 | -10.85/-13.41 | -11.84/-10.78 | -8.92/-8.68 | -11.98/-7.91 | -5.31/-8.40 | -6.74/-4.09 | -6.74/-10.89 | -11.12/-11.97 | -13.00/-9.44 | -7.17/-7.85 | -8.71/-7.78 | -7.96/-8.44 | -8.72/-8.58 | -9.82/-10.62 | -12.03/-14.64 | -13.49/-10.96 | -9.42/-10.07 |
| Θ(157.5°) | -12.42/-11.88 | -12.46/-11.88 | -11.92/-13.05 | -12.80/-13.36 | -13.18/-14.15 | -14.17/-14.08 | -12.32/-9.55 | -6.85/-6.13 | -8.01/-12.98 | -15.05/-11.24 | -6.87/-5.54 | -7.89/-8.45 | -6.17/-6.87 | -9.69/-10.63 | -11.74/-14.01 | -11.44/-8.72 | -7.15/-7.55 | -8.00/-7.65 | -8.87/-9.13 | -8.44/-9.45 | -12.73/-15.26 | -15.09/-15.06 | -11.07/-8.22 | -8.96/-14.87 |
| Θ(165°) | -6.75/-9.52 | -12.01/-13.91 | -15.23/-14.73 | -12.73/-11.40 | -12.96/-14.12 | -14.34/-14.88 | -12.49/-9.90 | -7.42/-6.05 | -4.60/-3.85 | -3.92/-5.10 | -7.13/-8.88 | -10.44/-10.06 | -8.78/-8.92 | -11.61/-12.52 | -10.82/-9.83 | -8.67/-9.04 | -9.50/-9.04 | -8.70/-10.22 | -10.30/-9.86 | -12.26/-14.18 | -14.57/-15.06 | -15.69/-15.10 | -15.88/-15.72 | -12.49/-9.36 |
| Θ(172.5°) | -15.48/-12.90 | -11.30/-11.29 | -12.27/-13.43 | -13.51/-13.43 | -12.73/-12.18 | -13.59/-14.39 | -12.66/-10.36 | -9.22/-8.49 | -8.22/-8.50 | -9.17/-9.15 | -7.80/-6.87 | -7.23/-7.69 | -8.01/-8.14 | -7.97/-7.31 | -7.18/-7.14 | -6.66/-6.97 | -8.40/-9.95 | -10.77/-10.25 | -11.73/-12.69 | -11.12/-10.45 | -11.35/-11.26 | -9.93/-8.54 | -8.71/-11.21 | -15.00/-14.73 |
| Θ(180°) | -11.38/-10.34 | -9.57/-9.68 | -10.26/-10.27 | -9.72/-9.58 | -9.36/-9.34 | -9.22/-8.04 | -7.27/-7.60 | -8.50/-9.00 | -9.01/-9.01 | -8.52/-8.03 | -7.47/-7.29 | -7.59/-8.22 | -9.30/-9.97 | -10.72/-10.48 | -9.78/-9.70 | -9.92/-9.89 | -9.35/-8.86 | -8.90/-9.18 | -9.20/-9.24 | -10.35/-11.42 | -9.23/-7.86 | -7.61/-8.23 | -10.74/-14.64 | -14.93/-15.49 |
| Freq(Hz) | 5.785G/Pol. | Total/Ant. 3 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) | 4.67/4.56 | 4.53/4.59 | 4.66/4.73 | 4.63/4.59 | 4.52/4.39 | 4.41/4.28 | 4.15/3.98 | 3.95/4.07 | 4.29/4.45 | 4.35/4.44 | 4.45/4.23 | 4.35/4.64 | 4.78/5.03 | 5.18/5.17 | 5.04/5.08 | 5.11/5.06 | 4.96/4.90 | 4.94/4.87 | 4.85/4.78 | 4.76/4.65 | 4.59/4.60 | 4.65/4.55 | 4.54/4.62 | 4.70/4.46 |
| Θ(7.5°) | 5.09/4.94 | 4.82/4.73 | 4.83/4.94 | 4.95/4.96 | 4.97/4.85 | 4.78/4.80 | 4.65/4.37 | 4.44/4.65 | 4.74/4.68 | 4.60/4.63 | 4.54/4.46 | 4.57/4.55 | 4.50/4.45 | 4.25/3.94 | 3.59/3.39 | 3.27/3.09 | 2.84/2.80 | 2.88/2.89 | 2.97/3.04 | 3.16/3.23 | 3.35/3.54 | 3.78/4.00 | 4.01/4.28 | 4.83/5.20 |
| Θ(15°) | 3.63/3.72 | 3.80/3.86 | 3.77/3.68 | 3.48/3.40 | 2.96/2.61 | 2.42/2.13 | 1.78/1.59 | 1.57/1.67 | 2.03/2.37 | 2.65/3.20 | 3.76/4.27 | 4.46/4.59 | 4.82/4.51 | 4.08/3.43 | 2.91/2.73 | 2.56/2.57 | 2.47/2.44 | 2.35/2.49 | 2.62/2.70 | 2.86/3.08 | 3.30/3.40 | 3.25/3.38 | 3.27/3.20 | 3.69/4.47 |
| Θ(22.5°) | 2.25/2.52 | 2.54/2.07 | 1.16/0.89 | 1.19/1.60 | 1.80/1.97 | 1.90/1.65 | 1.44/1.42 | 1.52/1.64 | 1.85/2.08 | 2.23/2.54 | 3.38/3.94 | 4.28/4.05 | 3.71/2.63 | 2.02/1.73 | 1.98/2.60 | 3.24/3.59 | 3.86/4.03 | 4.10/4.17 | 4.03/3.88 | 3.90/4.07 | 4.21/4.09 | 3.82/3.56 | 3.04/2.54 | 2.37/2.74 |
| Θ(30°) | 2.22/3.10 | 2.77/0.96 | -0.69/-1.48 | 0.13/1.67 | 2.61/2.56 | 1.91/1.42 | 1.23/1.28 | 1.57/2.16 | 2.88/3.45 | 3.97/3.78 | 2.84/1.90 | 1.60/2.03 | 1.85/1.30 | 0.02/-0.94 | 0.47/1.72 | 2.42/2.71 | 3.10/3.30 | 3.52/3.25 | 2.78/2.57 | 2.58/2.66 | 2.87/3.11 | 3.42/3.33 | 2.63/1.90 | 1.26/1.82 |
| Θ(37.5°) | 1.97/2.42 | 1.65/-0.54 | -3.43/-1.71 | 1.27/1.96 | 1.22/-1.24 | -3.36/-3.34 | -2.71/-2.86 | -3.26/-2.78 | -2.69/-2.21 | -0.01/1.09 | 0.24/-2.64 | -6.47/-6.16 | -4.87/-4.45 | -5.63/-5.98 | -4.51/-2.15 | -1.15/-0.54 | 0.19/0.29 | -0.16/-0.09 | 0.82/1.48 | 1.57/1.51 | 1.52/1.92 | 2.09/1.70 | 0.83/0.39 | 0.93/1.57 |
| Θ(45°) | -0.53/1.62 | 1.00/-1.93 | -2.88/0.01 | 0.84/-1.49 | -5.18/-7.23 | -6.02/-7.47 | -7.88/-7.05 | -6.33/-6.81 | -8.07/-11.50 | -11.44/-6.59 | -5.65/-5.59 | -6.52/-11.63 | -12.60/-8.52 | -5.98/-9.40 | -9.01/-5.83 | -4.90/-3.15 | -2.22/-4.28 | -9.60/-5.27 | -0.45/1.38 | 1.68/1.21 | 0.93/1.16 | 0.84/0.12 | -0.16/0.42 | 0.53/-0.28 |
| Θ(52.5°) | -2.59/-1.01 | -2.68/-3.85 | -2.47/-0.72 | -2.25/-7.71 | -9.81/-7.81 | -8.73/-6.57 | -3.77/-2.76 | -3.04/-3.38 | -7.01/-9.43 | -11.56/-7.05 | -6.30/-3.95 | -3.62/-7.43 | -8.09/-6.87 | -2.83/-4.47 | -9.65/-9.74 | -9.36/-4.57 | -2.73/-4.70 | -10.42/-8.58 | -3.79/-1.12 | -0.83/-2.54 | -3.30/-1.23 | -0.02/-1.00 | -2.01/-1.44 | -1.49/-1.69 |
| Θ(60°) | -4.56/-4.63 | -4.84/-3.48 | -2.27/-2.48 | -5.23/-11.14 | -6.57/-0.87 | -1.70/-2.69 | -1.95/-1.76 | -2.47/-1.66 | -2.37/-5.68 | -11.87/-10.17 | -4.08/-2.37 | -5.16/-6.93 | -2.92/-4.46 | -3.23/-6.33 | -6.96/-8.10 | -9.24/-6.09 | -3.74/-3.88 | -5.32/-7.22 | -10.19/-7.02 | -3.12/-2.31 | -5.71/-6.18 | -2.02/-1.66 | -4.10/-4.10 | -3.22/-2.71 |
| Θ(67.5°) | -6.81/-5.30 | -6.76/-6.00 | -4.37/-4.33 | -10.69/-5.67 | -1.54/-2.53 | -2.99/1.52 | 3.09/2.57 | 1.99/1.79 | 0.28/-3.94 | -7.13/-15.48 | -4.52/-4.07 | -9.44/-3.86 | -0.88/-6.86 | -8.32/-13.11 | -13.38/-15.27 | -11.93/-7.00 | -3.06/-2.77 | -3.27/-1.95 | -3.99/-4.30 | -1.36/-0.49 | -2.76/-7.03 | -2.77/-2.65 | -4.84/-5.28 | -6.22/-6.73 |
| Θ(75°) | -7.65/-4.62 | -7.12/-8.05 | -4.30/-5.07 | -14.71/-2.90 | -2.52/-1.32 | 1.73/1.92 | 1.30/0.30 | -0.12/0.55 | 0.14/-1.66 | -4.55/-13.02 | -9.03/-5.55 | -10.56/-6.40 | -1.74/-7.19 | -14.46/-12.84 | -12.42/-14.01 | -6.67/-1.13 | 0.83/-0.65 | -0.75/2.31 | 2.18/0.10 | 0.11/0.73 | -0.66/-3.52 | -2.12/-1.56 | -5.11/-5.97 | -5.80/-7.25 |
| Θ(82.5°) | -7.18/-4.72 | -8.83/-6.03 | -4.10/-12.20 | -10.34/-4.57 | -3.01/-1.03 | 0.33/2.62 | 4.67/4.54 | 2.96/0.34 | -2.26/-2.77 | -4.69/-14.85 | -9.00/-9.19 | -10.47/-9.54 | -7.32/-11.32 | -13.48/-10.38 | -8.38/-6.42 | -1.64/1.04 | 2.21/2.22 | 3.39/4.85 | 4.65/3.44 | 2.54/2.21 | 0.53/-1.69 | -0.93/-2.42 | -6.77/-5.86 | -5.51/-7.38 |
| Θ(90°) | -5.54/-6.33 | -7.38/-4.52 | -5.30/-9.34 | -15.99/-9.01 | -4.47/-1.99 | -0.16/3.09 | 3.43/3.19 | 3.69/1.88 | -1.53/-5.66 | -6.43/-12.74 | -7.76/-10.43 | -11.65/-15.18 | -12.39/-6.72 | -10.68/-13.43 | -9.26/-5.45 | -1.06/1.63 | 2.75/4.26 | 5.21/5.94 | 6.10/4.96 | 3.36/2.87 | 1.63/-1.14 | -0.54/-0.57 | -7.02/-6.75 | -5.78/-7.85 |
| Θ(97.5°) | -4.28/-7.72 | -7.50/-6.82 | -10.01/-13.13 | -15.07/-5.82 | -4.64/-6.30 | -0.12/1.12 | -0.27/0.24 | 1.66/1.69 | -0.78/-6.76 | -13.09/-8.80 | -5.96/-15.20 | -12.78/-10.61 | -10.02/-4.78 | -12.69/-13.74 | -9.21/-5.95 | -3.66/-0.49 | 1.51/4.33 | 5.36/5.69 | 5.69/4.86 | 3.29/1.30 | 0.74/-1.32 | -2.11/-2.37 | -7.97/-6.69 | -6.07/-5.22 |
| Θ(105°) | -4.48/-10.01 | -8.64/-7.58 | -8.71/-11.09 | -13.36/-8.09 | -7.07/-9.44 | -3.38/-1.96 | -3.69/0.76 | -0.47/0.43 | -2.42/-6.47 | -12.38/-11.80 | -6.71/-13.22 | -11.98/-9.18 | -8.10/-8.02 | -8.64/-10.73 | -10.56/-8.67 | -7.92/-5.03 | -0.62/2.84 | 3.97/3.30 | 3.53/3.14 | 2.01/-0.75 | -1.66/-2.18 | -4.55/-6.33 | -9.25/-8.24 | -5.65/-2.61 |
| Θ(112.5°) | -7.01/-8.12 | -7.61/-7.49 | -9.81/-13.16 | -11.05/-8.02 | -10.27/-11.25 | -4.89/-6.29 | -9.61/-1.93 | -2.32/-1.35 | -3.54/-8.24 | -12.89/-16.09 | -10.75/-11.45 | -15.03/-8.88 | -9.14/-10.13 | -11.48/-10.38 | -9.78/-10.31 | -6.85/-9.91 | -3.37/0.65 | 1.84/1.41 | 0.86/0.59 | -0.26/-1.31 | -2.02/-3.03 | -7.17/-11.09 | -9.37/-5.60 | -4.95/-6.71 |
| Θ(120°) | -9.38/-10.44 | -7.40/-7.75 | -10.66/-13.36 | -13.25/-10.53 | -12.52/-10.81 | -14.34/-7.36 | -10.44/-8.88 | -6.90/-3.48 | -4.13/-6.96 | -8.50/-13.19 | -10.75/-11.33 | -13.94/-12.67 | -9.08/-13.16 | -14.89/-15.88 | -9.19/-8.79 | -5.65/-7.12 | -8.05/-2.75 | -2.08/-1.60 | -1.01/-1.67 | -3.10/-3.09 | -1.37/-2.50 | -8.34/-8.66 | -11.88/-9.44 | -4.86/-4.52 |
| Θ(127.5°) | -9.11/-11.58 | -10.29/-7.73 | -11.35/-16.03 | -15.65/-14.59 | -14.15/-11.97 | -16.03/-14.26 | -9.67/-9.76 | -7.19/-5.98 | -5.49/-8.68 | -10.82/-12.00 | -12.69/-14.65 | -8.76/-12.89 | -8.43/-5.52 | -10.90/-14.96 | -10.04/-7.27 | -6.41/-6.98 | -12.43/-3.14 | -3.33/-5.69 | -3.30/-3.19 | -3.15/-3.91 | -3.24/-1.94 | -5.92/-10.02 | -13.10/-7.16 | -5.37/-5.27 |
| Θ(135°) | -9.38/-10.54 | -7.43/-8.78 | -15.95/-15.14 | -15.58/-15.44 | -15.05/-15.05 | -15.00/-16.08 | -12.34/-7.92 | -6.35/-6.83 | -9.67/-9.94 | -9.11/-8.56 | -12.74/-15.26 | -8.67/-7.84 | -8.29/-6.07 | -10.18/-16.06 | -10.41/-9.04 | -7.88/-5.85 | -10.47/-7.30 | -4.42/-6.91 | -6.03/-5.31 | -5.86/-6.06 | -7.21/-9.22 | -11.28/-12.40 | -10.87/-6.04 | -8.26/-10.39 |
| Θ(142.5°) | -12.28/-13.18 | -14.44/-10.64 | -11.17/-14.85 | -13.39/-14.73 | -13.36/-11.28 | -16.02/-14.67 | -9.87/-10.25 | -13.00/-10.30 | -9.08/-9.08 | -10.90/-11.76 | -8.38/-12.27 | -7.07/-10.45 | -7.17/-6.76 | -7.78/-7.83 | -13.12/-7.56 | -7.77/-10.58 | -15.69/-8.86 | -7.45/-8.54 | -9.27/-7.89 | -7.32/-8.73 | -7.74/-8.54 | -15.09/-15.42 | -15.87/-13.55 | -11.71/-11.36 |
| Θ(150°) | -13.73/-15.35 | -14.23/-11.47 | -11.91/-15.87 | -15.43/-14.72 | -15.37/-15.79 | -14.47/-15.27 | -15.49/-13.75 | -11.76/-12.70 | -13.27/-11.33 | -10.05/-9.49 | -10.73/-7.37 | -6.92/-11.78 | -5.75/-4.68 | -7.84/-8.29 | -10.18/-14.00 | -15.91/-10.65 | -10.50/-10.71 | -7.88/-6.50 | -6.59/-7.26 | -8.38/-9.53 | -10.45/-8.13 | -8.76/-10.93 | -11.82/-10.41 | -12.08/-10.95 |
|

| Θ(165°) | -15.19/-15.44 | -15.93/-15.29 | -15.77/-15.90 | -15.11/-15.34 | -15.10/-15.35 | -16.10/-15.64 | -15.82/-15.70 | -15.75/-13.97 | -12.06/-10.51 | -9.83/-9.98 | -10.11/-11.43 | -12.79/-13.94 | -15.31/-14.07 | -12.70/-12.56 | -12.52/-11.93 | -13.56/-14.12 | -14.34/-15.34 | -15.23/-16.09 | -15.06/-14.97 | -15.55/-13.20 | -11.15/-10.48 | -10.63/-12.25 | -14.41/-15.56 | -15.03/-14.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(172.5°) | -13.76/-14.32 | -14.35/-15.32 | -15.47/-14.48 | -15.17/-15.03 | -13.90/-14.25 | -14.92/-13.60 | -12.54/-12.63 | -12.06/-12.62 | -13.25/-13.56 | -13.36/-12.10 | -11.81/-11.57 | -12.33/-12.35 | -12.50/-11.92 | -10.97/-10.53 | -10.81/-11.96 | -13.53/-15.53 | -15.42/-15.48 | -15.75/-15.66 | -15.82/-15.45 | -15.69/-15.22 | -14.06/-14.25 | -13.36/-12.43 | -13.13/-13.80 | -13.21/-11.77 |
| Θ(180°) | -15.04/-16.26 | -15.58/-13.97 | -13.00/-13.01 | -12.84/-13.19 | -14.10/-15.35 | -13.97/-13.70 | -12.56/-13.12 | -12.81/-13.39 | -12.86/-12.74 | -12.58/-11.93 | -11.92/-11.96 | -12.72/-13.08 | -13.92/-14.21 | -14.09/-13.06 | -12.32/-12.43 | -13.91/-16.22 | -15.20/-14.31 | -12.99/-14.71 | -15.04/-14.83 | -15.00/-15.20 | -15.55/-14.87 | -15.24/-15.70 | -14.58/-16.01 | -15.55/-15.25 |
| Freq(Hz) | 5.3G/Pol. | 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°) | -1.85/-1.74 | -1.86/-1.91 | -2.01/-2.08 | -2.35/-3.06 | -3.74/-4.10 | -3.96/-4.33 | -5.48/-6.10 | -6.91/-7.19 | -7.52/-7.58 | -7.26/-6.70 | -6.64/-6.33 | -5.90/-5.62 | -5.13/-4.48 | -3.69/-2.86 | -2.47/-2.04 | -1.21/-0.68 | -0.99/-1.09 | -1.17/-0.85 | -0.82/-0.47 | -0.40/-0.09 | 0.31/0.46 | 0.51/0.75 | 1.03/1.25 | 1.30/0.99 |
| Θ(7.5°) | -7.81/-8.12 | -8.00/-7.64 | -7.65/-7.92 | -7.47/-7.06 | -6.99/-6.64 | -5.69/-4.66 | -4.78/-4.45 | -4.03/-3.49 | -2.66/-1.93 | -1.14/-0.37 | 0.14/0.76 | 1.16/1.31 | 1.22/1.16 | 1.15/1.25 | 1.29/1.08 | 0.84/0.62 | 0.39/-0.14 | -0.96/-1.95 | -2.29/-2.43 | -2.54/-2.97 | -3.40/-3.86 | -4.20/-4.38 | -4.26/-4.09 | -3.96/-4.12 |
| Θ(15°) | -3.56/-3.86 | -4.79/-5.45 | -5.40/-5.08 | -5.33/-5.08 | -4.11/-3.25 | -3.23/-2.26 | -2.30/-2.35 | -2.22/-1.86 | -0.91/-0.34 | 0.02/0.63 | 1.23/1.81 | 2.10/2.27 | 2.21/2.00 | 1.91/1.99 | 2.02/1.52 | 0.80/-0.01 | -0.54/-1.39 | -2.16/-3.09 | -3.63/-4.15 | -4.79/-5.47 | -5.79/-6.04 | -5.99/-5.58 | -5.36/-5.63 | -5.69/-5.86 |
| Θ(22.5°) | -1.86/-2.20 | -2.84/-2.86 | -2.39/-1.84 | -1.90/-2.41 | -2.47/-1.32 | -0.75/-0.23 | 0.10/0.14 | -0.10/-0.21 | 0.21/0.60 | 0.70/0.98 | 1.20/1.78 | 2.11/2.03 | 1.48/0.44 | -0.12/-0.42 | -0.35/-0.61 | -1.11/-1.66 | -2.46/-3.06 | -4.05/-4.67 | -4.56/-3.87 | -3.59/-2.76 | -2.05/-1.77 | -1.54/-0.83 | -0.24/-0.59 | -1.02/-1.68 |
| Θ(30°) | -0.77/-0.13 | 0.39/0.62 | 0.67/1.02 | 1.12/0.50 | 0.27/0.76 | 1.58/2.27 | 2.31/1.80 | 0.98/-0.18 | -0.36/0.58 | 1.25/1.39 | 1.17/1.32 | 1.93/2.04 | 1.80/0.95 | -0.28/-1.37 | -2.09/-2.35 | -2.02/-2.98 | -3.79/-4.29 | -5.05/-5.07 | -4.15/-2.89 | -2.06/-1.56 | -1.33/-1.57 | -1.82/-1.24 | -0.38/-0.20 | -0.76/-1.46 |
| Θ(37.5°) | 2.81/3.34 | 4.22/4.94 | 5.04/4.69 | 4.48/4.12 | 3.74/3.47 | 3.48/3.89 | 4.06/3.51 | 2.49/0.87 | 0.07/0.67 | 1.93/2.11 | 2.14/2.81 | 3.61/3.98 | 3.71/2.67 | 1.17/-0.01 | -1.01/-1.90 | -2.50/-2.95 | -4.55/-5.11 | -4.62/-3.95 | -3.67/-2.83 | -2.71/-3.27 | -3.78/-4.08 | -3.94/-2.60 | -1.23/-1.15 | -1.52/-0.95 |
| Θ(45°) | 4.81/4.80 | 5.35/6.09 | 6.18/5.62 | 4.96/4.39 | 4.20/3.97 | 3.80/3.85 | 4.19/4.13 | 3.43/2.22 | 1.17/1.44 | 1.84/1.93 | 1.91/2.53 | 3.76/4.29 | 4.14/3.18 | 1.76/0.30 | -0.81/-1.38 | -2.11/-2.60 | -3.63/-3.75 | -3.41/-2.50 | -2.20/-1.75 | -1.78/-2.70 | -3.94/-4.28 | -3.39/-1.52 | 0.22/1.18 | 1.82/2.47 |
| Θ(52.5°) | 5.03/5.12 | 5.20/5.40 | 5.35/4.45 | 3.65/3.43 | 3.42/3.07 | 3.04/3.18 | 3.42/3.39 | 2.97/2.11 | 1.47/1.61 | 0.84/-0.54 | -0.01/1.86 | 2.98/3.23 | 2.70/1.65 | 0.43/-0.38 | -0.73/-0.86 | -1.00/-1.49 | -1.88/-2.27 | -2.48/-1.68 | -0.80/-0.61 | -1.31/-2.25 | -2.97/-3.29 | -1.82/-0.14 | 0.45/0.97 | 2.45/4.11 |
| Θ(60°) | 3.86/4.26 | 3.73/3.55 | 3.64/3.26 | 2.42/2.48 | 1.56/0.51 | -0.02/0.50 | 1.63/2.47 | 2.58/1.30 | -0.13/0.11 | -0.15/-1.70 | -1.78/0.89 | 2.24/2.31 | 1.70/1.02 | 0.41/0.10 | 0.02/-0.29 | -0.42/-0.87 | -0.88/-1.41 | -1.74/-1.47 | -0.58/-0.07 | -0.12/-0.46 | -1.12/-1.43 | -0.45/-0.09 | -0.53/-0.04 | 1.63/3.61 |
| Θ(67.5°) | 2.00/0.89 | -0.29/1.50 | 3.43/2.07 | 0.33/0.78 | 0.19/-1.60 | -3.32/-2.96 | -1.34/-0.05 | 0.59/0.05 | -1.98/-1.63 | -0.85/-1.04 | -0.10/1.32 | 1.03/0.17 | -0.40/-0.57 | -0.69/-0.33 | -0.67/-1.31 | -1.29/-1.31 | -1.89/-2.07 | -0.94/-0.15 | -0.08/-0.28 | -0.55/0.12 | 0.33/0.71 | 1.68/1.16 | -0.90/-1.65 | -0.12/1.77 |
| Θ(75°) | -0.32/-3.13 | -3.84/1.19 | 3.20/1.25 | -1.15/-0.10 | 1.24/0.52 | -0.44/-0.61 | -0.14/-0.70 | -2.03/-2.13 | -2.59/-2.84 | -1.53/-0.71 | 0.57/1.64 | 1.52/1.03 | 0.38/-0.37 | -0.91/-1.05 | -1.17/-2.16 | -2.04/-1.98 | -2.90/-2.17 | -0.17/0.66 | 0.08/-0.87 | -1.47/0.16 | 0.01/0.99 | 2.11/1.16 | -1.31/-2.74 | -2.25/-0.39 |
| Θ(82.5°) | -2.20/-5.91 | -5.79/-0.17 | 1.41/-1.02 | -1.95/-0.51 | 1.01/-1.37 | -3.75/-4.26 | -3.66/-1.58 | -1.10/-4.62 | -4.94/-2.77 | -1.24/0.51 | 2.18/1.57 | 0.13/-0.05 | -0.27/-0.70 | -1.57/-2.08 | -2.93/-3.86 | -3.60/-2.28 | -2.93/-1.60 | -0.47/-0.05 | -0.54/-1.94 | -2.33/-0.59 | -0.26/1.25 | 2.23/1.18 | -0.60/-2.32 | -3.95/-2.37 |
| Θ(90°) | -4.06/-4.98 | -3.85/-0.13 | 0.38/-1.22 | -2.02/-1.80 | -2.00/-3.86 | -3.05/-4.63 | -6.12/-5.60 | -3.75/-3.08 | -7.38/-3.04 | -1.61/-0.40 | 1.72/1.79 | -0.07/0.08 | 0.52/-0.56 | -1.86/-2.81 | -3.68/-4.83 | -3.57/-3.10 | -3.63/-2.18 | -1.20/-1.81 | -2.62/-2.62 | -3.29/-0.95 | -1.37/0.65 | 1.85/0.49 | -0.54/-2.00 | -4.54/-3.53 |
| Θ(97.5°) | -6.80/-3.30 | -4.84/-2.69 | -2.31/-2.54 | -4.21/-5.60 | -5.02/-2.85 | -4.11/-6.20 | -7.69/-7.77 | -6.44/-4.77 | -7.57/-3.68 | -0.93/-0.38 | 0.41/0.59 | -0.63/-0.61 | 0.28/-0.02 | -2.33/-4.18 | -6.22/-4.88 | -3.53/-4.02 | -3.24/-3.00 | -3.42/-4.90 | -5.31/-4.02 | -3.44/-2.33 | -2.22/0.43 | 0.93/-0.56 | -0.90/-2.04 | -4.36/-5.19 |
| Θ(105°) | -9.02/-2.80 | -4.99/-4.57 | -3.31/-3.37 | -6.96/-9.77 | -5.59/-4.29 | -8.53/-8.44 | -9.74/-10.41 | -7.85/-6.91 | -8.67/-5.83 | -1.53/-0.67 | -0.62/-0.34 | -0.64/-0.44 | -0.12/-1.75 | -4.58/-5.65 | -7.00/-6.65 | -4.36/-3.91 | -5.03/-6.61 | -6.03/-7.39 | -5.18/-5.33 | -2.99/-2.56 | -4.85/-1.57 | -0.62/-2.08 | -2.83/-3.83 | -7.75/-9.64 |
| Θ(112.5°) | -10.06/-7.00 | -7.53/-6.93 | -4.64/-5.75 | -9.74/-12.52 | -7.28/-5.94 | -10.34/-9.46 | -12.52/-13.30 | -8.74/-9.27 | -8.05/-4.94 | -3.01/-1.20 | -1.83/-2.18 | -0.59/-0.88 | -2.73/-4.17 | -5.06/-7.49 | -11.30/-8.39 | -6.62/-7.21 | -8.97/-8.78 | -7.73/-6.61 | -6.26/-7.05 | -4.96/-4.87 | -4.14/-3.24 | -4.11/-5.13 | -5.26/-4.34 | -6.02/-10.19 |
| Θ(120°) | -6.21/-9.21 | -8.37/-10.39 | -7.04/-4.80 | -7.01/-10.97 | -12.27/-9.71 | -8.97/-10.17 | -15.31/-11.48 | -9.85/-9.46 | -7.51/-6.80 | -4.09/-2.14 | -2.80/-3.89 | -2.92/-2.92 | -4.64/-5.19 | -5.20/-7.78 | -14.47/-11.60 | -8.74/-8.46 | -9.53/-10.17 | -9.79/-7.00 | -7.96/-7.86 | -6.18/-5.96 | -4.81/-5.84 | -7.57/-6.31 | -6.80/-7.85 | -7.51/-8.32 |
| Θ(127.5°) | -6.34/-10.05 | -12.74/-10.90 | -10.29/-8.33 | -6.08/-7.88 | -15.10/-12.20 | -10.60/-14.72 | -15.38/-13.76 | -11.42/-9.63 | -6.57/-6.76 | -4.91/-4.05 | -4.92/-5.30 | -4.07/-5.25 | -8.93/-7.57 | -5.04/-6.86 | -12.27/-10.89 | -13.13/-12.48 | -11.93/-14.26 | -9.30/-6.66 | -6.34/-6.68 | -7.79/-7.10 | -5.55/-5.70 | -5.60/-6.32 | -9.56/-11.21 | -11.64/-8.91 |
| Θ(135°) | -7.42/-9.22 | -12.87/-14.85 | -8.70/-9.42 | -8.60/-7.79 | -9.18/-10.77 | -14.25/-15.43 | -14.25/-13.45 | -12.52/-8.68 | -8.67/-7.59 | -6.88/-7.23 | -7.18/-6.81 | -5.32/-4.92 | -5.66/-6.67 | -6.92/-7.14 | -10.92/-14.86 | -11.93/-14.34 | -14.95/-12.08 | -7.70/-6.55 | -8.99/-11.01 | -9.24/-7.35 | -7.07/-6.29 | -5.57/-5.85 | -10.58/-14.76 | -11.36/-9.52 |
| Θ(142.5°) | -6.10/-6.07 | -5.21/-8.94 | -13.99/-13.26 | -13.63/-12.55 | -11.78/-11.16 | -10.97/-13.24 | -14.85/-13.77 | -14.12/-11.91 | -12.05/-11.81 | -11.78/-9.47 | -9.39/-10.41 | -10.91/-12.13 | -7.50/-5.98 | -7.48/-11.86 | -14.48/-11.33 | -15.86/-15.53 | -15.46/-10.54 | -7.06/-8.02 | -13.91/-13.52 | -11.97/-10.33 | -9.70/-7.04 | -6.35/-9.29 | -11.35/-10.15 | -13.00/-8.03 |
| Θ(150°) | -5.69/-7.96 | -5.82/-6.45 | -10.59/-10.16 | -11.99/-13.10 | -12.36/-13.50 | -14.37/-13.78 | -13.18/-14.42 | -13.45/-13.32 | -13.21/-12.03 | -10.34/-10.33 | -10.62/-11.84 | -13.53/-13.41 | -11.14/-10.91 | -12.12/-12.24 | -11.86/-14.32 | -15.16/-14.66 | -12.63/-9.55 | -7.81/-8.64 | -11.23/-12.57 | -15.23/-12.77 | -9.51/-8.97 | -11.74/-14.94 | -13.63/-10.76 | -7.28/-3.93 |
| Θ(157.5°) | -13.07/-14.01 | -11.81/-10.72 | -12.08/-13.36 | -13.42/-13.87 | -13.09/-13.67 | -14.35/-14.86 | -13.18/-12.75 | -12.79/-11.95 | -12.74/-12.35 | -11.29/-10.70 | -11.35/-11.35 | -11.39/-11.70 | -12.11/-11.90 | -13.15/-13.42 | -12.41/-10.14 | -8.80/-10.44 | -12.37/-14.25 | -13.64/-14.15 | -14.40/-12.19 | -11.74/-14.31 | -14.24/-14.22 | -13.11/-12.87 | -13.93/-14.66 | -11.43/-10.46 |
| Θ(165°) | -14.92/-14.81 | -13.61/-14.10 | -15.45/-15.88 | -15.73/-15.04 | -15.76/-15.24 | -15.39/-14.48 | -15.20/-16.11 | -13.45/-11.55 | -9.79/-9.08 | -8.59/-8.32 | -8.69/-9.64 | -10.01/-11.20 | -13.85/-15.92 | -15.13/-14.62 | -13.55/-11.95 | -10.93/-11.21 | -13.25/-14.02 | -15.32/-15.35 | -15.09/-15.21 | -15.49/-15.13 | -12.09/-11.13 | -11.55/-13.59 | -14.98/-15.16 | -14.01/-14.06 |
| Θ(172.5°) | -14.27/-14.27 | -12.65/-11.92 | -13.53/-15.00 | -16.37/-13.67 | -12.17/-12.71 | -15.11/-15.41 | -13.51/-15.32 | -15.75/-14.70 | -15.75/-15.89 | -15.35/-14.64 | -14.32/-15.87 | -15.42/-15.07 | -12.84/-11.49 | -10.48/-10.44 | -10.50/-10.84 | -11.37/-12.68 | -15.12/-15.26 | -15.80/-14.88 | -14.22/-13.72 | -13.38/-13.37 | -14.35/-14.23 | -14.50/-15.28 | -14.13/-14.05 | -12.50/-11.89 |
| Θ(180°) | -15.22/-15.31 | -15.22/-13.71 | -12.66/-12.18 | -12.74/-12.08 | -13.26/-13.87 | -13.73/-13.08 | -13.59/-14.20 | -13.75/-13.45 | -12.93/-11.78 | -11.61/-11.15 | -11.70/-12.37 | -13.48/-13.63 | -13.00/-13.59 | -14.00/-15.28 | -14.31/-13.00 | -12.50/-13.05 | -14.62/-14.90 | -15.39/-14.24 | -14.95/-15.61 | -15.61/-15.12 | -14.87/-14.48 | -15.22/-15.47 | -15.85/-15.16 | -14.65/-15.81 |
| Freq(Hz) | 5.6G/Pol. | 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°) | 1.57/1.62 | 1.65/2.01 | 1.82/1.21 | 1.14/1.10 | 0.98/0.65 | 0.57/0.49 | 0.13/0.02 | 0.07/0.10 | 0.01/-0.34 | -0.08/0.07 | 0.24/0.45 | 0.46/0.56 | 0.76/0.92 | 0.87/1.12 | 1.24/1.34 | 1.51/1.66 | 1.88/1.79 | 1.68/1.47 | 1.83/2.03 | 2.32/2.34 | 2.38/2.49 | 2.61/2.64 | 2.40/2.11 | 1.90/1.88 |
| Θ(7.5°) | -1.58/-1.65 | -1.98/-1.66 | -1.14/-1.57 | -1.73/-1.05 | -0.66/-0.30 | 0.01/0.38 | 0.35/0.51 | 0.69/1.57 | 1.75/2.08 | 2.35/2.51 | 2.70/2.74 | 2.65/2.50 | 2.31/1.98 | 1.67/1.22 | 0.83/0.60 | 0.38/0.14 | 0.32/0.20 | 0.07/-0.25 | -0.60/-0.88 | -0.56/-0.47 | -0.32/-0.11 | 0.16/0.45 | 0.62/0.23 | 0.01/0.44 |
| Θ(15°) | -2.68/-2.99 | -3.38/-3.27 | -3.25/-3.56 | -4.48/-4.34 | -3.91/-3.17 | -3.18/-3.03 | -3.25/-3.36 | -2.97/-2.18 | -1.23/0.07 | 1.06/1.79 | 2.29/2.72 | 2.73/2.36 | 1.78/0.82 | -0.32/-1.06 | -1.31/-1.55 | -2.26/-2.19 | -1.27/-0.68 | -0.62/-0.76 | -1.20/-1.86 | -3.41/-4.26 | -4.83/-5.13 | -5.08/-4.76 | -4.41/-4.04 | -3.39/-2.88 |
| Θ(22.5°) | -2.97/-3.06 | -2.31/-1.67 | -1.32/-1.98 | -2.66/-2.77 | -2.75/-1.90 | -1.54/-1.64 | -2.58/-3.54 | -3.66/-3.45 | -2.65/-0.98 | 0.24/1.43 | 2.42/2.96 | 3.11/2.60 | 1.90/0.88 | 0.33/-0.01 | 0.15/0.35 | 0.11/0.01 | 0.31/0.34 | 0.03/-0.45 | -0.65/-1.37 | -3.13/-4.81 | -5.20/-5.44 | -5.16/-4.41 | -3.79/-2.77 | -2.17/-2.37 |
| Θ(30°) | -4.15/-3.05 | -2.07/-1.22 | -0.66/-0.66 | -0.68/0.07 | 0.12/-0.17 | -0.69/-1.52 | -2.70/-4.59 | -4.17/-2.67 | -1.14/-0.05 | 0.02/0.78 | 1.63/3.03 | 3.61/3.54 | 2.97/2.59 | 2.92/3.02 | 2.91/2.46 | 1.55/1.04 | 0.11/-0.91 | -1.48/-1.50 | -2.00/-3.67 | -3.83/-2.95 | -2.47/-2.60 | -2.25/-2.13 | -1.96/-1.96 | -1.76/-2.45 |
| Θ(37.5°) | -0.67/0.34 | 1.57/2.92 | 3.73/4.33 | 4.54/4.50 | 4.36/4.22 | 3.66/2.51 | 0.81/-1.46 | -4.12/-2.81 | -0.84/0.58 | 0.61/0.73 | 1.39/2.46 | 3.05/3.05 | 3.23/3.87 | 4.39/4.29 | 3.57/2.56 | 1.50/0.13 | -2.17/-4.08 | -3.90/-3.66 | -3.76/-2.65 | -2.45/-2.43 | -2.23/-1.74 | -1.76/-2.39 | -2.99/-2.62 | -2.89/-3.37 |
| Θ(45°) | 2.46/2.85 | 3.64/4.87 | 5.69/5.97 | 5.93/6.00 | 5.58/5.38 | 4.88/3.77 | 2.21/0.71 | -0.08/-0.57 | -1.28/-1.91 | -2.28/-1.51 | -0.01/1.51 | 2.18/2.36 | 2.78/3.59 | 4.18/3.85 | 3.08/1.86 | 0.18/-1.52 | -3.95/-5.07 | -3.88/-3.01 | -2.11/-1.99 | -2.58/-2.68 | -3.60/-4.62 | -4.33/-4.56 | -3.29/-1.47 | -0.96/-0.72 |
| Θ(52.5°) | 3.70/3.94 | 4.93/5.87 | 5.87/5.05 | 4.40/4.09 | 3.73/3.75 | 3.72/3.70 | 2.90/1.33 | -0.20/-0.24 | -0.40/-1.62 | -4.03/-2.90 | -0.34/0.21 | 0.34/1.14 | 2.24/3.04 | 2.82/1.22 | -0.15/-0.49 | -0.61/-1.24 | -1.72/-1.73 | -1.10/-0.96 | -1.14/-0.97 | -1.54/-2.63 | -4.10/-8.38 | -10.33/-7.00 | -2.05/0.63 | 1.79/2.75 |
| Θ(60°) | 3.14/3.10 | 3.87/4.44 | 3.34/2.18 | 2.24/2.35 | 0.95/0.51 | 1.08/2.15 | 2.43/1.78 | 0.18/-1.45 | -1.64/-0.74 | -2.96/-3.04 | 0.61/1.49 | 1.30/1.68 | 2.25/2.72 | 2.37/0.59 | -1.70/-1.88 | -0.47/-0.27 | -0.99/-1.24 | -0.81/-0.26 | 0.00/-0.09 | -1.30/-2.30 | -2.74/-4.83 | -5.43/-4.09 | -1.99/0.47 | 2.11/3.47 |
| Θ(67.5°) | 1.23/1.60 | 1.80/1.46 | 0.47/-1.05 | -0.35/0.57 | -1.01/-2.98 | -3.43/-2.01 | -1.22/-1.12 | -0.97/-0.37 | -2.50/-0.30 | -0.06/-1.08 | 1.45/2.79 | 3.19/3.27 | 3.03/2.62 | 1.37/-1.27 | -3.72/-2.34 | -0.42/-0.02 | -0.27/-0.71 | -1.73/-1.02 | 0.39/0.26 | -1.66/-1.70 | -0.60/-0.77 | -0.39/-0.61 | -1.69/-1.38 | 0.21/1.92 |
| Θ(75°) | 0.41/-0.06 | -0.52/0.05 | 1.09/0.09 | 0.01/1.47 | 1.16/-0.76 | -1.71/-0.74 | -0.87/-3.91 | -8.29/-2.62 | -2.13/-1.09 | 1.32/0.65 | 1.35/2.69 | 3.48/3.79 | 3.13/2.71 | 1.65/-1.46 | -4.49/-2.66 | -0.73/-0.29 | -0.58/-0.75 | -2.52/-1.89 | -0.09/-0.11 | -1.93/-1.53 | 0.36/0.82 | 0.96/0.39 | -1.90/-2.79 | -1.61/-0.21 |
| Θ(82.5°) | -0.66/-1.85 | -3.08/0.25 | 0.86/-1.31 | 0.02/1.82 | 1.37/-1.97 | -5.65/-5.03 | -4.42/-5.26 | -5.75/-7.44 | -3.48/-1.07 | 0.45/0.85 | 1.29/2.75 | 3.76/3.35 | 2.51/2.63 | 1.07/-3.00 | -6.96/-3.96 | -1.58/-0.43 | -1.76/-2.51 | -2.81/-1.81 | -1.62/-1.59 | -3.17/-2.06 | -0.07/0.76 | 1.56/0.47 | -2.74/-3.96 | -3.87/-2.67 |
| Θ(90°) | -2.23/-3.00 | -4.06/-0.27 | 0.40/-1.78 | -0.79/0.10 | -1.17/-4.57 | -5.73/-5.57 | -4.60/-5.78 | -5.34/-6.05 | -6.79/-1.57 | 0.31/0.58 | 1.03/1.58 | 3.21/3.02 | 2.22/2.42 | 1.27/-3.60 | -7.76/-5.80 | -3.57/-1.45 | -2.62/-4.37 | -3.52/-2.94 | -3.17/-2.54 | -4.37/-3.84 | -0.59/-0.50 | 0.61/-0.35 | -2.50/-3.47 | -6.24/-5.44 |
| Θ(97.5°) | -4.08/-5.13 | -4.57/-1.84 | -1.97/-4.00 | -4.59/-3.18 | -4.28/-3.57 | -6.00/-7.45 | -6.64/-7.42 | -7.94/-4.46 | -8.45/-2.16 | -0.08/-0.26 | 0.67/1.03 | 1.58/1.12 | 0.84/1.21 | -0.04/-3.76 | -7.30/-8.21 | -4.98/-2.66 | -4.54/-5.99 | -4.10/-5.06 | -4.99/-4.70 | -7.06/-4.50 | -1.14/-1.37 | -0.10/-1.44 | -1.86/-4.40 | -8.73/-6.36 |
| Θ(105°) | -5.83/-6.97 | -5.42/-2.87 | -3.05/-5.11 | -6.06/-3.98 | -4.17/-4.12 | -10.34/-9.64 | -8.41/-10.50 | -11.19/-6.63 | -7.72/-3.83 | -1.27/-1.67 | -0.59/0.41 | 0.76/0.12 | 0.44/1.03 | -0.05/-3.37 | -7.26/-9.63 | -6.16/-4.52 | -4.78/-5.99 | -7.04/-6.99 | -7.04/-4.40 | -6.49/-2.39 | -2.73/-4.40 | -3.22/-3.40 | -2.86/-7.13 | -11.42/-4.98 |
| Θ(112.5°) | -6.91/-7.67 | -5.98/-3.94 | -4.72/-7.34 | -8.76/-5.40 | -4.14/-5.65 | -12.63/-11.80 | -11.59/-13.88 | -12.71/-6.55 | -5.78/-4.39 | -2.34/-2.90 | -3.21/-1.81 | -0.53/-0.14 | -0.39/-0.94 | -2.18/-5.36 | -10.05/-12.28 | -6.66/-5.44 | -5.82/-6.38 | -8.64/-9.60 | -7.10/-5.87 | -5.66/-3.18 | -5.17/-5.83 | -5.97/-4.25 | -4.16/-7.72 | -9.10/-5.46 |
| Θ(120°) | -5.88/-6.54 | -8.28/-6.91 | -5.86/-6.10 | -7.83/-10.03 | -6.75/-7.06 | -8.47/-13.60 | -15.26/-13.68 | -12.30/-6.87 | -4.85/-4.24 | -4.22/-4.52 | -4.95/-4.19 | -1.62/-0.57 | -1.36/-2.77 | -3.55/-5.59 | -13.86/-14.33 | -7.84/-6.92 | -5.86/-6.36 | -7.73/-9.66 | -7.28/-7.09 | -5.38/-4.30 | -5.33/-6.80 | -9.09/-7.41 | -8.77/-10.07 | -8.27/-6.23 |
| Θ(127.5°) | -8.62/-8.24 | -9.63/-9.05 | -9.99/-8.99 | -7.51/-9.71 | -10.88/-8.83 | -11.33/-15.16 | -13.04/-10.48 | -11.04/-8.57 | -7.54/-5.97 | -6.07/-5.81 | -5.93/-5.33 | -2.97/-2.63 | -4.04/-5.00 | -4.38/-5.30 | -10.87/-11.07 | -8.80/-10.37 | -7.35/-7.18 | -9.76/-10.49 | -7.89/-6.40 | -5.44/-6.69 | -5.68/-5.00 | -5.32/-6.33 | -9.44/-8.90 | -10.16/-12.39 |
| Θ(135°) | -8.91/-9.47 | -12.92/-11.53 | -7.82/-11.36 | -9.68/-7.97 | -11.67/-15.01 | -15.01/-16.03 | -13.39/-12.31 | -13.86/-9.02 | -8.11/-8.12 | -8.86/-9.68 | -8.63/-6.89 | -5.06/-5.11 | -6.60/-6.62 | -5.94/-7.04 | -10.95/-14.59 | -14.13/-9.95 | -10.49/-10.81 | -12.87/-10.25 | -8.63/-9.10 | -7.74/-7.05 | -7.61/-6.25 | -4.25/-5.48 | -9.45/-14.49 | -11.78/-10.87 |
| Θ(142.5°) | -5.85/-5.90 | -5.38/-9.80 | -12.44/-14.00 | -12.95/-13.16 | -11.75/-12.41 | -12.61/-12.58 | -12.89/-14.81 | -13.71/-10.72 | -13.18/-11.09 | -9.27/-9.16 | -7.45/-5.96 | -5.31/-5.90 | -7.80/-9.36 | -10.40/-11.45 | -15.50/-12.69 | -11.93/-15.42 | -11.70/-13.87 | -10.99/-7.33 | -8.85/-13.45 | -12.41/-9.27 | -8.77/-8.28 | -5.34/-8.46 | -15.68/-12.95 | -11.92/-7.43 |
| Θ(150°) | -5.95/-7.32 | -5.50/-8.16 | -14.12/-11.95 | -14.68/-14.12 | -15.31/-15.72 | -14.82/-15.29 | -15.13/-15.30 | -15.49/-13.99 | -13.00/-15.11 | -11.53/-9.35 | -10.26/-10.33 | -10.30/-9.38 | -8.41/-8.37 | -10.02/-11.61 | -10.34/-10.15 | -14.08/-12.20 | -10.28/-12.16 | -10.86/-9.48 | -11.48/-10.81 | -12.98/-14.61 | -10.35/-9.27 | -10.45/-14.97 | -13.56/-9.48 | -7.24/-4.80 |
| Θ(157.5°) | -13.18/-15.32 | -15.35/-14.74 | -14.07/-14.12 | -15.34/-15.70 | -15.07/-13.33 | -13.15/-14.65 | -13.85/-14.48 | -14.92/-15.94 | -14.55/-12.68 | -10.96/-12.69 | -15.05/-15.69 | -14.40/-15.76 | -14.45/-14.52 | -12.44/-12.32 | -13.50/-14.30 | -13.07/-11.70 | -10.44/-13.53 | -14.90/-14.38 | -15.66/-11.84 | -11.01/-11.41 | -13.24/-13.97 | -15.05/-15.19 | -15.02/-14.13 | -10.70/-10.03 |
| Θ(165°) | -15.58/-14.96 | -13.50/-13.18 | -14.35/-15.27 | -15.39/-14.79 | -13.76/-14.27 | -15.74/-15.45 | -15.20/-13.56 | -10.50/-10.53 | -11.91/-12.48 | -12.31/-10.68 | -10.61/-11.32 | -11.01/-10.42 | -9.84/-10.33 | -12.10/-15.05 | -15.51/-11.95 | -11.45/-12.69 | -13.68/-15.86 | -14.71/-15.52 | -16.02/-15.81 | -14.79/-12.25 | -11.69/-12.23 | -13.52/-14.28 | -14.56/-15.25 | -14.69/-14.30 |
| Θ(172.5°) | -12.13/-13.35 | -13.79/-14.44 | -15.76/-15.49 | -14.40/-11.99 | -10.83/-13.33 | -14.16/-13.43 | -13.89/-14.19 | -13.24/-12.38 | -12.35/-13.66 | -14.33/-14.19 | -13.99/-13.75 | -13.41/-14.22 | -15.39/-15.43 | -15.36/-15.33 | -13.38/-11.94 | -12.96/-13.81 | -15.28/-15.82 | -14.14/-13.83 | -13.14/-13.27 | -13.14/-13.80 | -15.05/-15.31 | -14.70/-13.34 | -12.19/-12.26 | -11.98/-11.20 |
| Θ(180°) | -15.51/-15.56 | -15.19/-12.82 | -12.17/-12.87 | -13.55/-13.60 | -15.09/-15.22 | -14.43/-13.50 | -13.16/-12.36 | -12.15/-13.30 | -13.26/-13.37 | -12.58/-12.18 | -12.07/-12.21 | -13.14/-14.75 | -14.85/-15.53 | -14.71/-14.69 | -15.26/-15.14 | -14.91/-15.30 | -15.74/-15.49 | -15.04/-15.30 | -15.32/-15.33 | -15.43/-15.00 | -14.35/-14.19 | -13.80/-13.35 | -13.52/-14.64 | -15.31/-15.59 |
| Freq(Hz) | 5.785G/Pol. | 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

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(15°) | 1.77/2.00 | 1.98/1.84 | 1.61/1.34 | 1.08/0.94 | 0.98/1.23 | 1.37/1.05 | 0.97/1.04 | 1.27/1.12 | 0.84/0.78 | 0.94/1.07 | 1.17/1.32 | 1.20/0.64 |
| Θ(22.5°) | 2.60/2.98 | 3.05/2.70 | 2.11/1.35 | 0.67/0.74 | 1.58/2.58 | 3.06/2.94 | 2.72/2.87 | 3.12/2.82 | 2.15/1.89 | 1.90/2.16 | 2.44/2.47 | 1.94/1.25 |
| Θ(30°) | 1.32/1.78 | 1.37/0.69 | 0.40/1.21 | 2.04/2.85 | 3.38/3.53 | 3.74/4.13 | 3.99/3.58 | 2.88/2.74 | 3.02/3.00 | 2.66/2.38 | 2.50/2.47 | 2.09/1.43 |
| Θ(37.5°) | 1.78/1.36 | -0.16/-0.58 | 0.79/2.28 | 3.47/4.08 | 4.10/4.28 | 4.30/3.87 | 3.15/2.42 | 1.83/1.61 | 1.62/1.85 | 1.15/0.46 | 1.98/2.43 | 1.39/0.56 |
| Θ(45°) | 0.84/0.92 | 0.69/1.17 | 1.99/2.60 | 2.89/3.27 | 3.44/2.78 | 1.67/-0.26 | -2.66/-4.07 | -3.28/-2.64 | -2.75/-1.51 | -0.42/-2.10 | -1.11/0.89 | -0.09/-2.36 |
| Θ(52.5°) | -0.13/0.09 | 0.12/1.01 | 0.95/1.50 | 1.42/0.45 | -1.29/-3.05 | -3.58/-4.62 | -7.57/-11.89 | -10.75/-7.82 | -7.88/-5.61 | -4.43/-7.96 | -6.51/-3.17 | -6.57/-5.07 |
| Θ(60°) | -0.49/-0.68 | -0.83/-0.05 | -0.73/-0.33 | -1.92/-4.51 | -7.12/-3.16 | -0.86/-0.81 | -2.09/-3.52 | -3.44/-2.25 | -2.05/-2.92 | -3.56/-4.11 | -2.56/-0.74 | -2.83/-2.46 |
| Θ(67.5°) | -2.28/-2.76 | -5.06/-6.08 | -6.57/-7.94 | -7.51/-2.15 | -0.16/0.68 | 0.51/0.44 | -0.42/-2.23 | -3.76/-3.55 | -1.28/0.07 | -0.47/-0.36 | 0.32/1.82 | 1.63/1.74 |
| Θ(75°) | -6.04/-6.25 | -8.67/-12.39 | -12.12/-8.30 | -2.30/0.87 | 1.31/-0.16 | -1.14/-2.64 | -5.19/-4.65 | -3.02/-5.35 | -5.99/-2.35 | -0.63/0.58 | 0.01/1.13 | 1.65/2.09 |
| Θ(82.5°) | -4.27/-3.98 | -1.96/-2.28 | -0.87/-0.57 | 0.86/1.02 | -0.99/-3.52 | -4.76/-7.09 | -7.15/-5.05 | -5.32/-9.86 | -8.43/-5.86 | -4.32/-2.30 | -0.56/-0.54 | 1.14/0.68 |
| Θ(90°) | -0.52/0.18 | 1.84/0.12 | 0.54/0.77 | 1.67/-0.87 | -5.84/-5.07 | -3.44/-3.41 | -4.65/-3.86 | -3.97/-8.99 | -12.82/-12.68 | -9.98/-5.42 | -2.73/-2.35 | -0.50/-0.70 |
| Θ(97.5°) | 1.21/1.27 | 3.01/0.66 | 0.04/-0.22 | -1.75/-4.75 | -3.04/-3.44 | -5.42/-5.52 | -5.97/-7.06 | -5.96/-9.94 | -9.68/-9.89 | -4.27/-0.11 | 0.30/-0.58 | 0.32/-0.81 |
| Θ(105°) | 0.41/1.12 | 2.04/0.25 | -1.37/-3.33 | -4.27/-1.95 | -1.43/-2.73 | -6.97/-10.06 | -9.63/-10.52 | -10.52/-4.36 | -5.57/-7.47 | -2.27/1.43 | 2.03/1.02 | 1.66/0.71 |
| Θ(112.5°) | -0.15/0.82 | 0.39/-1.12 | -4.08/-3.06 | -0.36/-0.21 | -0.51/-1.31 | -4.65/-6.52 | -8.61/-8.51 | -13.39/-4.64 | -2.42/-2.64 | -2.79/0.04 | 1.68/1.58 | 0.93/0.74 |
| Θ(120°) | -0.82/-0.83 | 1.03/0.09 | 0.83/0.33 | 0.43/-0.31 | 0.66/0.81 | -2.63/-6.00 | -5.23/-6.18 | -11.79/-8.84 | -3.42/-0.29 | -0.00/0.58 | 0.72/-0.06 | -0.41/-2.26 |
| Θ(127.5°) | -0.21/1.33 | 2.49/3.18 | 3.07/2.37 | 1.96/1.49 | 1.36/-0.80 | -4.99/-5.61 | -2.94/-2.48 | -5.01/-10.00 | -4.98/-1.91 | -0.28/0.57 | 0.31/0.55 | -1.08/-1.64 |
| Θ(135°) | 0.15/2.55 | 2.87/2.97 | 2.66/2.31 | 2.52/3.20 | 2.57/0.33 | -3.96/-6.64 | -4.17/-1.77 | -1.91/-5.55 | -9.12/-5.19 | -2.06/-0.66 | -0.93/-1.74 | -2.30/-2.97 |
| Θ(142.5°) | -0.03/2.18 | 3.02/2.46 | 2.16/1.63 | 0.94/1.12 | 0.87/-1.97 | -5.43/-5.52 | -4.00/-2.28 | -1.68/-3.43 | -7.54/-12.84 | -10.82/-6.35 | -3.79/-4.24 | -5.29/-8.43 |
| Θ(150°) | -0.56/0.60 | 1.71/1.45 | 1.17/1.23 | 0.96/0.11 | -0.72/-2.23 | -4.37/-4.67 | -1.90/0.08 | 0.28/-1.64 | -5.13/-8.32 | -9.73/-11.26 | -12.59/-13.37 | -12.84/-13.68 |
| Θ(157.5°) | -0.60/0.41 | 1.07/0.78 | 0.31/-0.37 | -1.28/-2.95 | -5.42/-8.58 | -8.78/-5.46 | -3.33/-2.78 | -2.77/-2.73 | -2.56/-3.31 | -4.99/-5.10 | -4.87/-6.26 | -9.45/-11.11 |
| Θ(165°) | -2.64/-2.23 | -2.18/-3.07 | -4.56/-6.20 | -7.16/-7.47 | -8.53/-10.98 | -10.58/-7.18 | -5.42/-4.64 | -3.42/-1.82 | -0.99/-1.26 | -2.49/-4.25 | -6.77/-11.68 | -14.61/-11.46 |
| Θ(172.5°) | -12.22/-12.08 | -11.95/-11.00 | -9.75/-8.74 | -8.49/-9.09 | -9.69/-8.74 | -6.70/-5.42 | -5.10/-4.58 | -3.55/-3.14 | -4.02/-6.05 | -9.89/-12.68 | -12.07/-9.22 | -8.03/-8.00 |
| Θ(180°) | -14.01/-12.13 | -10.54/-10.77 | -11.38/-12.34 | -12.57/-11.87 | -10.57/-10.07 | -10.26/-11.63 | -11.63/-11.46 | -12.50/-13.98 | -14.82/-13.07 | -8.87/-6.52 | -5.68/-5.78 | -6.81/-8.55 |
| Freq(Hz) | 5.6G/Pol. | Total/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) |
| Θ(0°) | -0.78/-0.84 | -0.84/-0.73 | -0.64/-0.79 | -1.05/-0.87 | -0.75/-0.99 | -1.08/-1.04 | -0.74/-0.69 | -0.76/-0.89 | -0.92/-0.60 | -0.62/-0.83 | -0.92/-0.89 | -0.94/-0.88 |
| Θ(7.5°) | -1.13/-1.09 | -1.04/-1.14 | -1.27/-1.25 | -1.09/-0.98 | -1.39/-2.35 | -2.35/-1.63 | -1.85/-2.74 | -2.92/-1.95 | -0.78/-0.48 | -1.10/-1.56 | -1.21/-0.79 | -0.72/-0.78 |
| Θ(15°) | -1.63/-2.12 | -2.45/-2.44 | -2.32/-2.19 | -2.07/-1.79 | -1.56/-1.45 | -1.23/-0.62 | -0.07/-0.01 | -0.51/-1.02 | -1.03/-0.47 | -0.06/-0.26 | -0.70/-0.72 | -0.48/-0.49 |
| Θ(22.5°) | -2.36/-4.34 | -5.19/-4.74 | -3.77/-2.84 | -1.97/-0.84 | 0.17/0.77 | 0.64/0.72 | 1.01/1.21 | 1.70/2.11 | 1.72/0.84 | 0.80/1.22 | 1.26/1.44 | 1.51/1.35 |
| Θ(30°) | -1.66/-3.75 | -4.23/-3.10 | -2.09/-0.80 | 0.38/1.49 | 1.75/1.38 | 1.12/1.92 | 1.95/1.46 | 1.91/2.47 | 2.50/2.19 | 1.59/1.48 | 2.13/3.03 | 3.15/2.87 |
| Θ(37.5°) | -1.39/-2.00 | -1.05/0.50 | 1.79/2.48 | 2.95/3.30 | 3.56/3.03 | 2.23/1.70 | 1.09/1.47 | 1.37/0.72 | 1.05/1.76 | 1.98/1.92 | 1.47/2.00 | 2.47/2.05 |
| Θ(45°) | 1.02/1.18 | 0.91/1.28 | 2.28/3.39 | 3.75/3.55 | 2.51/0.99 | -0.03/-0.83 | -0.99/-1.22 | -1.76/-1.26 | -0.39/-0.34 | -0.92/-0.50 | -0.42/-0.27 | 0.92/1.04 |
| Θ(52.5°) | 1.41/2.63 | 2.80/2.50 | 3.16/2.92 | 2.30/0.97 | -1.84/-3.94 | -4.67/-5.82 | -6.68/-7.15 | -7.01/-7.50 | -7.16/-4.38 | -4.83/-5.25 | -4.08/-4.50 | -3.54/-3.58 |
| Θ(60°) | 2.01/2.44 | 2.36/2.22 | 3.11/2.00 | -0.53/-6.12 | -11.74/-8.38 | -4.45/-3.17 | -2.24/-1.05 | -1.33/-4.66 | -8.21/-5.31 | -4.78/-5.90 | -5.41/-5.45 | -3.81/-1.77 |
| Θ(67.5°) | 1.59/0.47 | 0.55/-0.31 | -0.11/-4.06 | -7.45/-6.04 | -3.31/-2.74 | -2.29/-1.07 | 0.17/-0.47 | -2.10/-2.17 | -3.66/-2.20 | 0.49/1.20 | 1.09/-0.05 | 0.28/2.55 |
| Θ(75°) | 0.66/-1.49 | -3.46/-4.86 | -3.64/-5.51 | -2.10/-1.03 | -0.46/-2.10 | -6.27/-7.57 | -5.05/-3.63 | -3.78/-5.88 | -5.08/-1.60 | 0.45/0.37 | 2.04/0.86 | 0.96/2.33 |
| Θ(82.5°) | -1.85/-1.80 | -3.66/-3.22 | -0.10/0.01 | 0.85/0.68 | -2.11/-6.09 | -7.93/-6.85 | -5.33/-7.65 | -14.23/-14.58 | -15.13/-5.72 | -1.10/-1.13 | -0.64/-1.05 | -1.54/1.59 |
| Θ(90°) | 0.24/2.20 | 0.87/0.99 | 2.20/1.59 | 0.83/0.02 | -4.07/-4.91 | -8.03/-8.83 | -5.45/-5.58 | -7.43/-7.91 | -9.10/-8.03 | -7.11/-4.74 | -3.43/-2.39 | -1.96/0.85 |
| Θ(97.5°) | 1.36/4.32 | 2.84/2.13 | 1.45/0.54 | -0.67/-4.80 | -4.53/-4.81 | -7.36/-12.42 | -7.69/-9.10 | -6.32/-5.80 | -7.89/-4.48 | -4.40/-4.79 | -4.09/-1.21 | -2.02/0.41 |
| Θ(105°) | 2.01/3.54 | 2.42/1.56 | 0.11/-2.22 | -5.73/-4.35 | -2.97/-1.34 | -5.48/-11.90 | -8.87/-10.57 | -9.31/-6.44 | -5.94/-6.53 | -4.95/-1.23 | 0.61/0.82 | -0.51/1.35 |
| Θ(112.5°) | -0.10/2.16 | -0.12/-1.49 | -4.29/-3.43 | -0.38/0.49 | -2.13/-3.56 | -7.98/-9.13 | -10.67/-15.51 | -9.74/-7.01 | -5.14/-3.86 | -2.37/-2.27 | 0.12/1.97 | 1.28/-0.51 |
| Θ(120°) | -0.06/1.75 | -0.64/-1.07 | -3.05/-0.44 | 0.57/1.36 | -0.18/-2.31 | -8.74/-11.28 | -10.49/-9.09 | -10.74/-7.88 | -3.19/-2.23 | -1.83/-1.19 | -0.33/0.25 | -0.10/-2.27 |
| Θ(127.5°) | 1.08/1.42 | 1.72/2.29 | 3.59/2.78 | 1.81/0.33 | -0.13/-1.47 | -4.50/-9.17 | -8.71/-7.16 | -9.26/-13.01 | -6.41/-1.76 | -0.77/-0.99 | -2.09/-2.18 | -1.95/-5.30 |
| Θ(135°) | 2.26/3.46 | 3.10/2.52 | 2.53/1.77 | 1.45/1.49 | 1.24/-0.92 | -5.07/-7.86 | -5.74/-3.96 | -4.33/-7.09 | -6.93/-2.98 | -1.74/-0.34 | -0.83/-2.58 | -4.81/-5.78 |
| Θ(142.5°) | 1.96/2.98 | 1.64/0.36 | 0.34/0.45 | 1.20/2.13 | 1.70/-1.24 | -7.31/-6.10 | -2.44/-1.97 | -3.08/-5.15 | -8.57/-8.16 | -5.93/-5.45 | -4.36/-3.47 | -4.00/-6.75 |
| Θ(150°) | -0.27/1.55 | 1.52/0.92 | 1.74/2.13 | 1.36/0.60 | -0.36/-3.68 | -7.46/-7.03 | -3.85/-1.93 | -1.77/-2.58 | -4.82/-8.77 | -12.56/-12.11 | -10.57/-11.29 | -10.59/-9.29 |
| Θ(157.5°) | -0.27/0.20 | 0.09/-0.67 | -0.74/-0.40 | -0.67/-2.30 | -4.59/-5.41 | -4.93/-4.80 | -4.40/-2.87 | -1.65/-2.14 | -3.87/-4.92 | -5.69/-6.46 | -6.32/-5.55 | -6.20/-9.18 |
| Θ(165°) | -4.29/-4.07 | -3.40/-3.69 | -4.32/-4.06 | -4.34/-6.26 | -8.82/-7.81 | -7.78/-7.56 | -4.40/-2.63 | -2.63/-3.70 | -4.47/-4.54 | -4.63/-4.41 | -4.39/-5.14 | -7.31/-10.16 |
| Θ(172.5°) | -9.81/-10.84 | -11.15/-10.63 | -10.54/-11.11 | -11.83/-10.97 | -9.04/-8.20 | -8.92/-9.22 | -7.07/-5.04 | -4.19/-4.52 | -5.35/-6.09 | -7.43/-8.99 | -10.44/-11.02 | -10.32/-9.89 |
| Θ(180°) | -16.01/-14.28 | -13.72/-14.09 | -14.60/-14.18 | -13.91/-13.55 | -13.22/-13.41 | -12.59/-12.50 | -13.33/-13.81 | -13.34/-14.38 | -15.34/-15.26 | -13.26/-10.73 | -10.32/-10.74 | -11.26/-11.94 |
| Freq(Hz) | 5.785G/Pol. | Total/Ant. 5 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) |
| Θ(0°) | -2.39/-2.50 | -2.07/-1.66 | -1.61/-2.11 | -2.52/-2.29 | -1.81/-1.53 | -1.85/-2.42 | -2.99/-2.77 | -2.42/-1.98 | -1.89/-1.79 | -1.65/-1.84 | -1.98/-1.68 | -1.48/-1.63 |
| Θ(7.5°) | -3.47/-4.11 | -4.02/-4.49 | -6.13/-7.11 | -7.13/-6.54 | -6.27/-5.90 | -5.02/-4.07 | -4.34/-5.08 | -5.39/-3.88 | -2.96/-3.01 | -2.90/-3.01 | -2.94/-2.03 | -1.02/-0.89 |
| Θ(15°) | -5.02/-5.26 | -5.47/-6.40 | -7.45/-7.75 | -7.06/-5.77 | -4.08/-3.05 | -2.95/-2.83 | -1.87/-1.36 | -1.71/-1.65 | -1.16/-1.00 | -0.89/-1.12 | -1.86/-1.58 | -0.42/-0.12 |
| Θ(22.5°) | -6.83/-6.03 | -5.65/-5.52 | -5.07/-4.88 | -3.97/-2.91 | -2.25/-2.05 | -1.54/-1.70 | -1.54/-1.27 | -0.41/0.73 | 1.52/1.53 | 1.47/0.86 | -0.11/-0.11 | 0.85/1.19 |
| Θ(30°) | -2.80/-4.81 | -5.63/-5.38 | -4.03/-1.80 | -0.09/0.41 | 0.02/0.18 | 1.10/0.74 | -0.10/-0.20 | 0.33/0.86 | 1.53/2.53 | 2.95/2.72 | 2.07/0.73 | 0.89/1.46 |
| Θ(37.5°) | 0.48/-0.41 | -1.19/-0.60 | 0.71/1.54 | 1.41/0.81 | 0.61/1.31 | 2.06/1.66 | 0.56/0.11 | 0.30/0.49 | 1.17/1.84 | 1.88/1.98 | 1.48/1.33 | 2.21/2.83 |
| Θ(45°) | 1.69/-0.02 | -0.52/1.62 | 2.78/2.64 | 1.56/1.03 | 0.69/0.70 | 0.50/0.80 | 0.65/-0.65 | -1.40/-0.58 | -0.44/0.10 | 0.20/0.65 | 1.40/1.01 | -0.06/1.00 |
| Θ(52.5°) | 2.60/1.30 | 2.02/3.88 | 4.01/2.96 | 1.96/0.50 | -2.13/-4.10 | -5.48/-5.40 | -3.85/-2.63 | -4.05/-7.32 | -7.46/-5.25 | -4.55/-5.76 | -4.45/-4.01 | -4.05/-3.84 |
| Θ(60°) | 2.33/1.40 | 3.02/4.05 | 3.52/1.89 | 0.93/-1.29 | -6.36/-13.90 | -11.10/-8.18 | -5.20/-3.23 | -4.23/-7.87 | -7.29/-7.71 | -8.11/-6.76 | -4.88/-5.75 | -6.12/-5.48 |
| Θ(67.5°) | 1.20/0.05 | 1.73/1.86 | 0.46/-0.96 | -3.34/-8.45 | -6.83/-6.18 | -4.52/-2.29 | -1.24/-1.10 | -2.01/-2.94 | -4.76/-3.36 | -1.51/-0.20 | 1.06/-0.42 | -0.14/0.41 |
| Θ(75°) | -1.20/-2.49 | -1.02/-0.57 | -3.01/-5.24 | -6.66/-3.54 | -3.58/-3.27 | -4.67/-5.80 | -6.43/-6.92 | -5.06/-5.32 | -5.29/-3.86 | -0.89/0.18 | 1.30/1.36 | 0.71/1.15 |
| Θ(82.5°) | -2.24/-3.78 | -4.16/-5.27 | -3.67/-1.33 | -0.25/-2.37 | -2.53/-5.60 | -5.12/-3.41 | -3.30/-4.24 | -8.49/-9.82 | -14.33/-8.25 | -2.20/-1.95 | -0.34/-1.78 | -1.35/-0.21 |
| Θ(90°) | -0.55/-0.60 | -0.73/-1.14 | -0.28/0.51 | 0.46/-2.53 | -4.91/-6.26 | -3.90/-3.89 | -3.05/-2.15 | -4.58/-9.46 | -12.50/-7.91 | -5.79/-6.02 | -4.17/-4.03 | -2.96/-0.73 |
| Θ(97.5°) | 1.48/2.92 | 1.89/1.09 | 0.50/0.15 | -1.41/-5.56 | -5.11/-3.06 | -4.27/-6.61 | -5.07/-3.90 | -6.84/-7.97 | -10.86/-4.16 | -4.31/-6.93 | -5.65/-4.44 | -2.06/0.32 |
| Θ(105°) | 1.43/2.45 | 1.75/0.11 | -0.66/-2.64 | -4.09/-2.01 | 0.22/-0.91 | -5.16/-9.14 | -4.11/-6.35 | -8.16/-6.02 | -8.91/-5.65 | -2.88/-1.79 | -1.30/-0.97 | -1.03/0.25 |
| Θ(112.5°) | -0.51/0.45 | -0.69/-2.68 | -2.66/-2.97 | -0.01/-0.44 | -1.57/-2.32 | -6.06/-7.46 | -11.18/-15.39 | -10.46/-7.42 | -6.52/-2.99 | -2.49/-1.81 | -0.31/1.21 | 0.95/0.02 |
| Θ(120°) | -0.55/0.32 | -1.83/-1.59 | -2.65/-0.45 | 1.29/0.76 | -0.04/-1.49 | -5.19/-10.00 | -11.58/-9.57 | -11.68/-11.97 | -5.45/-2.33 | -1.08/-2.21 | -2.01/0.06 | -0.51/-0.38 |
| Θ(127.5°) | -0.24/1.03 | 0.40/1.85 | 2.11/2.33 | 0.95/0.58 | 0.74/-0.28 | -3.79/-6.99 | -6.31/-7.51 | -11.54/-12.41 | -5.07/-2.74 | -1.50/-1.33 | -2.21/-4.62 | -2.34/-4.38 |
| Θ(135°) | 1.38/2.18 | 1.66/1.32 | 1.91/1.36 | 1.09/1.29 | 0.76/-1.08 | -5.56/-8.28 | -5.76/-5.07 | -6.84/-12.29 | -12.29/-4.31 | -1.37/-0.50 | -0.31/-1.82 | -3.27/-4.87 |
| Θ(142.5°) | 0.97/1.47 | 0.84/0.75 | 0.66/0.92 | 1.44/1.68 | 0.85/-2.58 | -7.68/-7.84 | -4.67/-3.53 | -3.24/-4.22 | -7.53/-9.17 | -6.82/-5.50 | -4.81/-2.79 | -2.65/-3.05 |
| Θ(150°) | 0.24/0.68 | 0.68/0.82 | 0.93/0.69 | -0.04/-0.77 | -1.84/-2.53 | -5.19/-7.06 | -6.57/-4.81 | -3.08/-4.05 | -7.10/-10.40 | -12.05/-10.50 | -9.57/-9.69 | -13.42/-10.72 |
| Θ(157.5°) | -1.25/-1.14 | -0.87/-0.58 | -0.21/-0.30 | -1.21/-3.00 | -5.21/-7.67 | -6.99/-5.72 | -3.73/-2.57 | -2.95/-3.65 | -4.20/-5.04 | -5.93/-6.57 | -7.98/-9.11 | -7.97/-7.66 |
| Θ(165°) | -5.19/-4.55 | -4.35/-3.92 | -3.43/-3.32 | -4.24/-6.37 | -7.49/-8.22 | -8.93/-8.58 | -6.56/-4.06 | -2.72/-2.36 | -2.42/-3.49 | -5.48/-8.27 | -10.59/-10.36 | -10.32/-11.27 |
| Θ(172.5°) | -14.47/-13.75 | -13.58/-15.35 | -16.35/-16.13 | -15.48/-13.14 | -11.36/-11.94 | -12.58/-10.79 | -6.82/-6.20 | -6.15/-6.02 | -6.13/-6.84 | -7.99/-8.60 | -8.04/-8.10 | -9.15/-10.44 |
| Θ(180°) | -14.35/-13.89 | -13.21/-13.79 | -13.62/-14.81 | -15.12/-15.02 | -12.95/-12.21 | -11.33/-11.02 | -10.02/-9.40 | -8.76/-8.73 | -11.22/-15.20 | -15.35/-13.33 | -12.99/-13.61 | -15.55/-15.30 |

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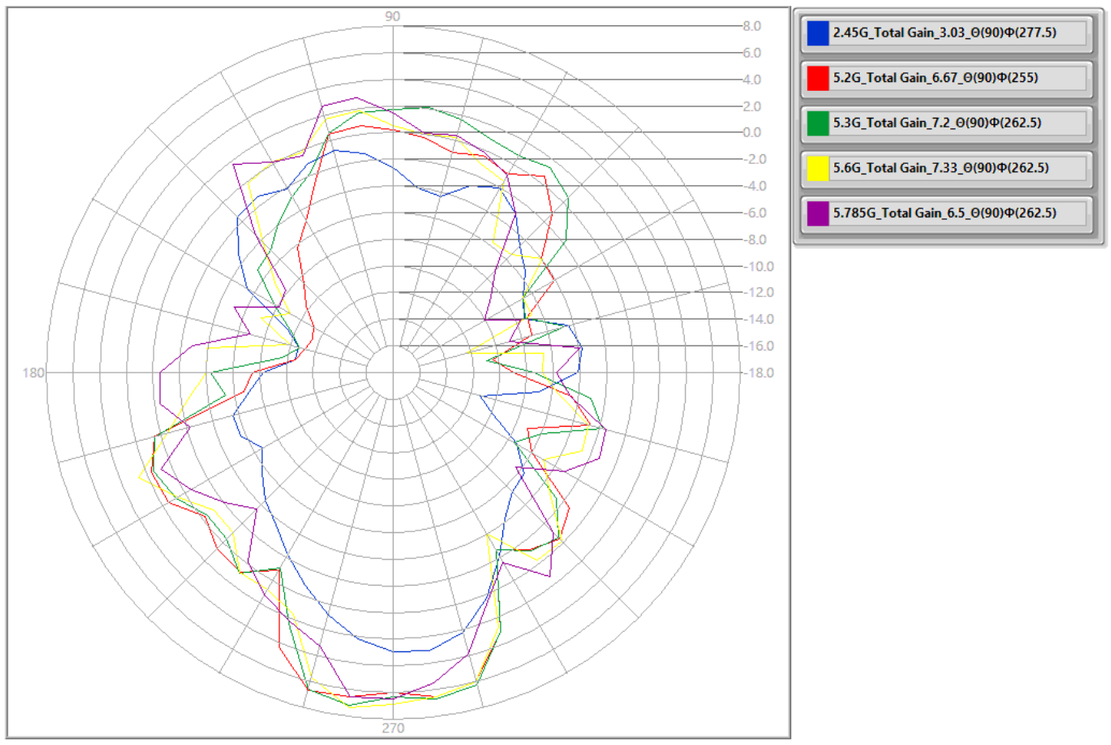
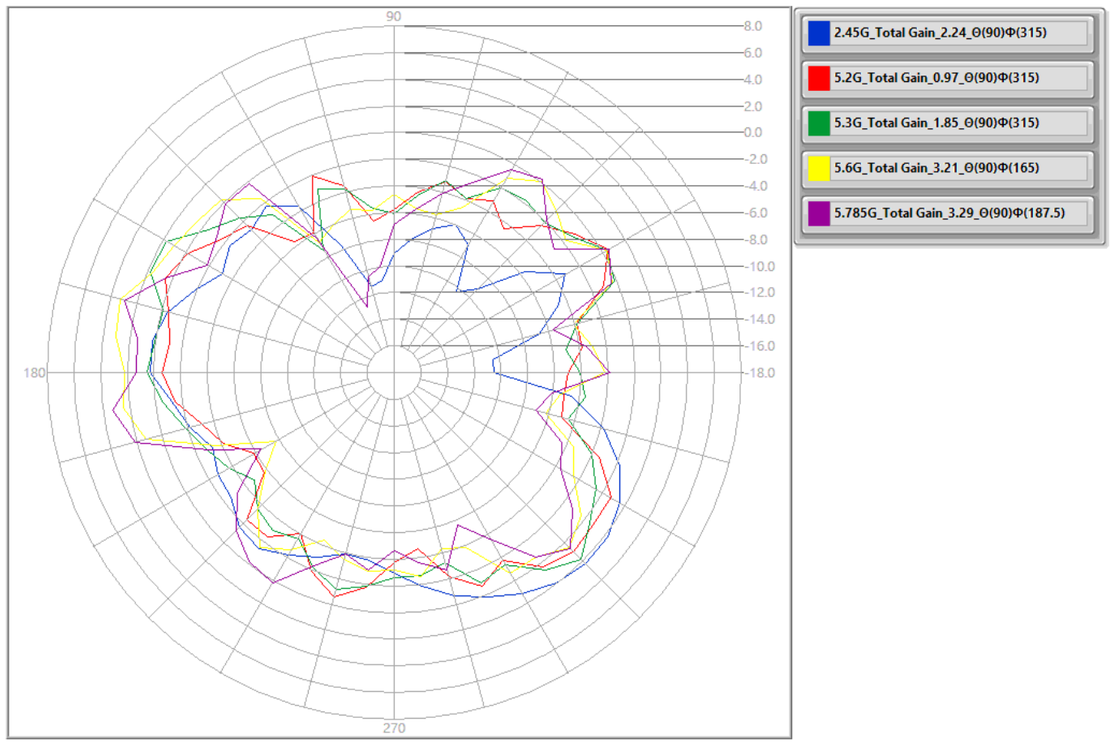
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(15°) | 0.18/0.09 | 0.52/0.89 | 0.92/0.95 | 0.98/0.76 | 0.07/-0.52 | -1.72/-2.00 | -1.70/-1.53 | -1.69/-1.77 | -1.19/-0.93 | -0.94/-0.70 | -0.43/-0.18 | -0.12/0.35 |
| Θ(22.5°) | 0.84/0.57 | 0.74/1.28 | 1.39/1.10 | 0.75/0.79 | 0.55/0.39 | -0.17/-1.09 | -2.15/-2.71 | -2.57/-2.52 | -2.03/-1.66 | -1.67/-2.09 | -1.80/-1.30 | -0.11/1.11 |
| Θ(30°) | 0.70/-0.04 | 0.40/1.41 | 1.88/1.51 | 1.73/2.31 | 1.68/0.67 | -0.56/-0.87 | -0.84/-0.92 | -1.90/-3.22 | -2.78/-1.69 | -1.68/-2.35 | -2.54/-2.49 | -1.30/0.24 |
| Θ(37.5°) | -0.43/-0.96 | -0.24/0.00 | -0.58/-0.32 | 0.28/-0.13 | -2.34/-3.23 | -2.25/-1.78 | -2.57/-3.49 | -4.23/-5.89 | -7.06/-5.06 | -2.55/-1.70 | -2.07/-2.25 | -0.71/1.06 |
| Θ(45°) | -2.97/-3.72 | -2.99/-3.53 | -4.99/-4.13 | -6.20/-8.03 | -6.97/-9.39 | -10.86/-9.25 | -9.00/-9.34 | -5.51/-3.86 | -4.81/-4.68 | -3.90/-3.26 | -2.82/-3.30 | -2.87/-0.77 |
| Θ(52.5°) | -5.26/-4.67 | -7.86/-9.22 | -8.74/-10.54 | -7.44/-6.48 | -7.58/-9.28 | -11.48/-9.90 | -8.41/-8.97 | -9.41/-5.37 | -4.50/-5.24 | -2.91/-2.59 | -2.03/-2.98 | -2.79/-0.83 |
| Θ(60°) | -1.81/-1.41 | -4.14/-2.65 | -2.37/-3.32 | -3.86/-4.96 | -7.76/-9.03 | -7.93/-6.64 | -6.73/-7.15 | -8.29/-7.47 | -4.59/-3.47 | -1.53/-1.29 | -1.55/-2.67 | -5.33/-1.06 |
| Θ(67.5°) | 1.70/0.35 | 0.17/0.19 | -0.76/-2.77 | -3.03/-6.05 | -7.95/-8.45 | -5.99/-7.81 | -9.18/-6.68 | -5.20/-6.16 | -4.36/-3.05 | -1.97/-2.99 | -2.03/-2.91 | -5.08/-3.92 |
| Θ(75°) | 1.95/0.85 | 0.37/0.18 | -1.63/-2.28 | -3.39/-6.02 | -9.79/-10.14 | -7.88/-4.95 | -5.88/-8.64 | -6.51/-4.01 | -3.43/-3.71 | -2.41/-2.54 | -4.02/-3.47 | -4.12/-5.25 |
| Θ(82.5°) | 0.86/-0.66 | -0.25/-1.48 | -4.61/-9.22 | -10.88/-10.69 | -12.89/-8.31 | -4.17/-6.13 | -5.66/-5.38 | -3.35/-1.41 | -1.30/-2.47 | -2.76/-1.49 | -1.20/-3.69 | -5.31/-8.20 |
| Θ(90°) | -0.38/-2.43 | -0.19/-1.82 | -5.84/-7.19 | -12.43/-9.48 | -8.45/-5.03 | -2.86/-3.61 | -2.30/-7.06 | -6.28/-2.68 | -2.09/-1.24 | -3.08/-0.99 | -0.15/-2.05 | -2.93/-5.58 |
| Θ(97.5°) | 0.39/0.05 | -0.68/-2.16 | -2.78/-2.65 | -12.55/-11.11 | -7.25/-1.95 | -3.46/-4.37 | -1.88/-5.85 | -7.04/-3.09 | -2.93/-0.66 | -1.40/0.24 | 1.17/-1.31 | 0.07/-1.13 |
| Θ(105°) | 1.14/0.27 | 0.54/-0.94 | -1.74/-1.99 | -6.43/-10.06 | -9.85/-4.95 | -4.69/-10.18 | -2.77/-8.64 | -7.75/-5.83 | -4.16/-1.28 | -3.03/-0.65 | -0.07/-1.57 | -0.52/-0.63 |
| Θ(112.5°) | -0.07/-1.27 | -1.58/-2.25 | -3.53/-3.32 | -9.55/-12.21 | -7.78/-4.51 | -3.15/-6.03 | -5.42/-10.37 | -5.33/-6.33 | -5.46/-3.80 | -3.26/0.98 | 0.33/-0.66 | -1.46/-0.90 |
| Θ(120°) | -3.11/-4.39 | -3.51/-2.51 | -5.18/-7.23 | -9.47/-15.45 | -9.45/-3.18 | -3.72/-7.36 | -8.74/-5.64 | -2.97/-5.87 | -2.58/-6.26 | -2.85/0.68 | -0.64/-0.92 | 0.10/-0.61 |
| Θ(127.5°) | -5.53/-6.33 | -9.36/-6.98 | -9.31/-15.47 | -11.62/-10.71 | -12.42/-12.49 | -11.22/-8.87 | -10.06/-6.50 | -6.14/-6.08 | -5.08/-11.77 | -5.25/-4.09 | -4.54/-3.99 | -2.14/-2.84 |
| Θ(135°) | -4.06/-6.22 | -11.22/-9.30 | -12.10/-14.98 | -15.69/-15.32 | -11.31/-11.64 | -13.03/-14.97 | -12.83/-14.43 | -10.31/-5.47 | -5.73/-7.48 | -4.49/-3.06 | -2.59/-2.72 | -2.19/-2.31 |
| Θ(142.5°) | -7.65/-7.61 | -12.32/-15.41 | -15.38/-10.29 | -7.63/-7.88 | -8.62/-8.89 | -12.13/-15.37 | -14.62/-14.34 | -12.31/-8.08 | -4.95/-1.90 | -0.42/0.02 | 0.21/-0.91 | -0.73/-0.22 |
| Θ(150°) | -10.11/-9.39 | -12.36/-10.83 | -9.13/-11.01 | -13.29/-8.97 | -6.56/-7.03 | -9.07/-13.69 | -15.64/-15.72 | -12.59/-5.77 | -2.21/-0.40 | 0.42/1.00 | 1.21/0.51 | 0.65/0.57 |
| Θ(157.5°) | -10.25/-10.75 | -14.56/-14.41 | -11.76/-8.45 | -6.18/-5.28 | -7.01/-11.50 | -15.67/-15.77 | -15.12/-10.91 | -6.75/-3.88 | -2.68/-2.67 | -2.17/-1.42 | -0.81/-0.28 | -0.11/-0.46 |
| Θ(165°) | -9.72/-10.30 | -12.85/-14.01 | -12.14/-10.24 | -10.43/-11.71 | -13.75/-14.82 | -14.87/-12.30 | -9.47/-7.43 | -6.41/-6.65 | -6.41/-5.64 | -5.11/-5.02 | -4.30/-2.99 | -2.46/-2.25 |
| Θ(172.5°) | -8.07/-9.07 | -10.72/-12.48 | -15.59/-13.70 | -12.62/-12.81 | -13.59/-14.03 | -14.16/-13.03 | -12.93/-13.99 | -14.08/-12.18 | -9.59/-8.86 | -9.01/-9.22 | -9.56/-9.01 | -8.63/-8.13 |
| Θ(180°) | -10.68/-12.84 | -15.08/-15.94 | -15.59/-15.34 | -15.52/-15.56 | -15.49/-15.32 | -15.64/-15.02 | -15.39/-15.31 | -14.92/-15.77 | -14.94/-15.30 | -16.07/-15.76 | -13.85/-12.72 | -13.25/-13.69 |
| Freq(Hz) | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | 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°) | -0.61/-0.23 | -0.31/-0.88 | -1.37/-1.19 | -0.67/-0.45 | -0.72/-0.90 | -0.80/-0.23 | 0.09/-0.32 | -1.32/-1.59 | -1.06/-0.29 | 0.08/-0.03 | -0.18/-0.58 | -0.74/-0.59 |
| Θ(7.5°) | -0.42/-0.27 | -0.63/-0.90 | -0.78/-0.51 | -0.29/-0.09 | 0.01/0.29 | 0.05/0.03 | 0.00/-0.08 | -0.44/-0.74 | -0.39/-0.09 | -0.36/-0.62 | -0.89/-1.14 | -1.36/-1.31 |
| Θ(15°) | -0.15/0.09 | -0.26/-0.29 | 0.21/0.50 | 0.41/0.17 | -0.07/0.13 | 0.32/0.87 | 0.72/0.31 | 0.39/0.87 | 1.10/1.16 | 1.10/0.89 | 0.42/-0.25 | -0.95/-1.55 |
| Θ(22.5°) | 1.56/1.64 | 1.24/1.16 | 1.67/1.66 | 0.98/0.16 | -0.55/-0.79 | -1.21/-1.31 | -1.48/-2.11 | -3.03/-3.23 | -2.79/-2.19 | -1.70/-1.10 | -0.67/-0.55 | 0.02/-0.40 |
| Θ(30°) | 2.71/2.28 | 1.55/1.68 | 1.85/1.45 | 0.57/-0.21 | -0.08/0.82 | 0.76/-0.24 | -2.05/-3.36 | -3.66/-4.15 | -4.76/-4.92 | -4.50/-3.66 | -3.01/-2.46 | -1.14/-0.41 |
| Θ(37.5°) | 1.76/1.11 | 0.13/0.24 | 0.13/-0.41 | -1.28/-0.71 | -0.61/-1.92 | -3.83/-3.70 | -2.16/-1.68 | -2.31/-2.67 | -2.24/-2.38 | -3.89/-5.76 | -5.47/-4.55 | -3.02/-1.87 |
| Θ(45°) | 0.27/-0.35 | -1.47/-0.94 | -1.21/-2.58 | -2.36/-3.22 | -6.60/-5.87 | -4.26/-4.56 | -6.51/-7.26 | -6.15/-5.76 | -4.69/-2.88 | -1.73/-3.12 | -5.64/-4.50 | -3.29/-1.12 |
| Θ(52.5°) | -3.46/-6.08 | -6.71/-5.93 | -4.55/-5.94 | -6.44/-4.73 | -5.29/-7.07 | -5.15/-5.09 | -9.56/-15.64 | -6.27/-3.61 | -3.36/-2.43 | -2.73/-2.79 | -4.66/-3.65 | -2.91/-0.96 |
| Θ(60°) | -2.17/-2.41 | -2.16/-2.81 | -3.32/-5.10 | -4.17/-5.15 | -9.35/-10.81 | -12.43/-10.96 | -11.45/-10.04 | -8.69/-6.52 | -3.93/-2.12 | -1.66/-1.93 | -2.19/-1.72 | -1.48/-0.14 |
| Θ(67.5°) | 1.98/2.29 | 0.22/0.92 | -0.74/-0.99 | -2.17/-4.74 | -8.64/-12.01 | -13.84/-11.43 | -7.66/-6.39 | -6.09/-4.68 | -5.31/-3.47 | -1.68/-0.96 | -1.60/-1.75 | -2.55/0.38 |
| Θ(75°) | 2.39/1.74 | 0.53/1.09 | -0.50/-0.94 | -2.88/-6.29 | -5.78/-7.24 | -8.64/-8.86 | -3.93/-2.43 | -2.73/-2.43 | -3.59/-3.49 | -1.88/-2.46 | -0.82/-1.19 | -2.60/-1.32 |
| Θ(82.5°) | 0.83/0.99 | 1.04/-1.36 | -4.29/-5.00 | -11.18/-6.24 | -5.54/-6.57 | -1.78/-6.06 | -4.10/-3.83 | -1.38/-0.79 | -0.61/-3.03 | -1.65/-2.64 | -2.52/-1.12 | -2.06/-2.53 |
| Θ(90°) | 0.54/-0.11 | 0.80/-1.60 | -3.72/-6.69 | -7.14/-8.00 | -7.46/-3.26 | -1.29/-3.88 | -1.47/-4.01 | -2.38/-0.36 | 0.05/-1.44 | -1.79/-1.75 | -0.94/-0.51 | -1.09/-3.58 |
| Θ(97.5°) | -0.64/0.93 | 1.85/-0.88 | -3.87/-4.00 | -6.34/-10.81 | -11.69/-1.58 | -1.99/-6.31 | -2.76/-6.95 | -2.69/-1.21 | -1.10/-1.66 | -1.90/-0.31 | 0.52/0.74 | 2.01/-0.12 |
| Θ(105°) | 1.27/0.18 | 1.29/-0.36 | -0.64/-5.46 | -2.88/-8.43 | -12.19/-4.45 | -4.76/-7.58 | -4.15/-15.23 | -5.08/-4.22 | -3.03/-3.98 | -2.53/0.24 | 0.82/0.70 | 2.56/2.35 |
| Θ(112.5°) | 0.78/-1.23 | -0.28/-2.72 | -3.67/-6.66 | -9.66/-10.66 | -5.37/-2.82 | -2.52/-6.69 | -6.53/-7.64 | -2.28/-7.73 | -4.71/-6.23 | -2.11/0.45 | 0.34/0.65 | 1.28/0.79 |
| Θ(120°) | -1.98/-6.64 | -4.39/-5.45 | -5.65/-8.96 | -10.57/-13.87 | -10.93/-4.58 | -6.06/-7.97 | -9.77/-3.78 | -2.46/-3.95 | -3.71/-8.20 | -1.50/1.12 | 0.50/1.85 | 2.56/1.36 |
| Θ(127.5°) | -5.18/-9.18 | -8.08/-10.02 | -10.59/-12.59 | -10.18/-10.15 | -14.43/-15.21 | -7.97/-9.60 | -13.22/-12.44 | -8.91/-6.64 | -7.19/-7.97 | -3.72/-3.26 | -3.11/-1.73 | -0.26/0.11 |
| Θ(135°) | -6.23/-7.62 | -12.52/-12.88 | -14.97/-14.80 | -15.08/-12.31 | -10.53/-15.68 | -10.02/-16.22 | -10.84/-14.64 | -7.28/-6.35 | -6.65/-6.19 | -4.51/-3.91 | -1.77/-2.91 | -3.64/-1.59 |
| Θ(142.5°) | -15.34/-11.29 | -11.21/-12.65 | -13.04/-12.68 | -12.59/-10.47 | -10.31/-9.64 | -10.59/-15.64 | -14.61/-15.47 | -10.18/-6.48 | -2.02/-0.75 | -1.14/0.46 | 0.56/-0.05 | 0.62/0.98 |
| Θ(150°) | -11.56/-12.95 | -14.88/-14.44 | -8.64/-7.65 | -10.19/-7.65 | -3.83/-3.42 | -6.76/-13.18 | -15.25/-12.47 | -7.93/-4.00 | -1.25/-0.08 | 0.70/1.72 | 1.46/1.24 | 1.27/-0.11 |
| Θ(157.5°) | -12.78/-12.35 | -12.54/-14.63 | -15.48/-12.14 | -8.07/-5.70 | -6.30/-11.88 | -13.59/-10.82 | -9.09/-8.35 | -8.21/-6.23 | -3.80/-2.49 | -1.33/-0.67 | -0.34/0.38 | 1.04/0.41 |
| Θ(165°) | -11.09/-10.08 | -9.56/-10.33 | -10.99/-12.82 | -14.01/-15.41 | -14.04/-13.65 | -15.48/-14.92 | -15.01/-13.06 | -9.79/-8.20 | -7.29/-6.64 | -6.69/-5.38 | -3.49/-2.53 | -2.30/-3.14 |
| Θ(172.5°) | -9.73/-10.19 | -10.96/-12.02 | -12.87/-14.08 | -15.76/-15.65 | -13.24/-11.94 | -13.49/-15.52 | -15.94/-15.71 | -14.37/-13.09 | -13.60/-14.42 | -14.44/-12.15 | -10.74/-9.05 | -7.93/-7.46 |
| Θ(180°) | -13.95/-14.69 | -13.26/-12.22 | -11.84/-11.91 | -12.52/-11.47 | -10.92/-11.01 | -12.41/-11.50 | -10.13/-9.63 | -10.39/-10.72 | -10.69/-10.61 | -10.54/-10.87 | -11.07/-10.31 | -9.65/-10.05 |
| Freq(Hz) | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | Φ(180°)/Φ(187.5°) | Φ(195°)/Φ(202.5°) | Φ(210°)/Φ(217.5°) | Φ(225°)/Φ(232.5°) | Φ(240°)/Φ(247.5°) | Φ(255°)/Φ(262.5°) | Φ(270°)/Φ(277.5°) | Φ(285°)/Φ(292.5°) | Φ(300°)/Φ(307.5°) | Φ(315°)/Φ(322.5°) | Φ(330°)/Φ(337.5°) | Φ(345°)/Φ(352.5°) |
| Θ(0°) | -2.19/-2.26 | -1.99/-1.85 | -1.99/-1.88 | -1.83/-2.10 | -2.54/-3.26 | -2.97/-2.30 | -1.94/-2.20 | -2.54/-2.47 | -2.18/-2.23 | -2.32/-2.59 | -2.65/-2.43 | -2.23/-2.06 |
| Θ(7.5°) | -1.48/-1.36 | -0.86/-0.94 | -1.52/-1.78 | -1.84/-2.34 | -2.66/-3.00 | -3.10/-2.59 | -2.35/-2.30 | -2.61/-2.49 | -2.23/-2.01 | -2.17/-2.44 | -2.51/-2.20 | -1.89/-1.75 |
| Θ(15°) | -0.61/-0.82 | -0.35/-0.71 | -1.50/-1.96 | -2.30/-3.04 | -3.47/-3.53 | -3.34/-3.05 | -2.56/-2.32 | -2.44/-2.16 | -1.89/-1.93 | -1.77/-1.68 | -2.14/-2.35 | -2.33/-3.22 |
| Θ(22.5°) | 0.69/0.26 | 0.22/-0.64 | -1.41/-1.33 | -1.18/-1.41 | -1.00/-0.86 | -0.73/-1.00 | -1.50/-1.63 | -1.50/-1.15 | -1.18/-1.45 | -1.61/-1.47 | -1.59/-1.57 | -1.80/-3.85 |
| Θ(30°) | 1.44/2.05 | 1.70/0.52 | 0.46/0.85 | 1.05/0.74 | 0.18/-0.26 | -0.11/-0.11 | -1.08/-2.26 | -2.77/-2.24 | -2.21/-2.34 | -2.47/-2.92 | -3.01/-1.39 | -0.09/-0.81 |
| Θ(37.5°) | 2.24/1.64 | 0.68/-0.11 | 0.43/0.77 | 0.69/-0.12 | -0.45/-0.30 | -0.52/-1.70 | -3.58/-5.42 | -5.98/-4.55 | -3.63/-3.79 | -3.77/-3.22 | -3.86/-4.32 | -2.40/-1.63 |
| Θ(45°) | 0.08/-1.55 | -1.96/-2.32 | -1.39/-0.87 | -1.02/-1.42 | -4.40/-6.08 | -4.33/-2.64 | -3.42/-5.29 | -4.56/-4.00 | -3.77/-2.38 | -3.19/-5.01 | -6.22/-5.13 | -1.46/0.53 |
| Θ(52.5°) | -5.68/-6.38 | -5.72/-8.57 | -5.77/-4.33 | -5.45/-7.91 | -6.46/-5.10 | -4.45/-4.55 | -6.38/-10.11 | -7.93/-5.12 | -3.42/-2.06 | -1.30/-2.13 | -3.66/-3.68 | -1.59/0.61 |
| Θ(60°) | -5.03/-3.98 | -2.07/-4.41 | -3.25/-6.84 | -8.36/-5.91 | -7.39/-8.03 | -6.14/-6.36 | -9.27/-10.39 | -7.84/-4.55 | -4.08/-2.77 | -2.84/-1.97 | -2.22/-3.01 | -1.31/1.13 |
| Θ(67.5°) | 0.13/1.62 | 1.00/-0.31 | -2.04/-4.14 | -3.55/-5.96 | -10.92/-12.44 | -11.28/-10.05 | -10.42/-7.64 | -4.67/-3.19 | -4.39/-1.90 | -1.24/-1.37 | -2.11/-2.14 | -0.00/1.58 |
| Θ(75°) | 0.89/1.72 | 1.40/0.57 | -2.12/-3.10 | -3.89/-7.43 | -8.53/-11.39 | -11.06/-11.72 | -9.19/-4.21 | -2.64/-1.13 | -2.98/-3.97 | -2.74/-0.84 | -0.34/-1.62 | -1.23/0.43 |
| Θ(82.5°) | 0.00/0.35 | 1.29/0.39 | -4.94/-6.73 | -13.93/-11.32 | -6.31/-12.57 | -9.61/-7.33 | -6.51/-7.21 | -2.52/0.38 | -1.34/-4.37 | -3.34/-2.14 | 0.11/-0.95 | -2.46/-2.70 |
| Θ(90°) | -0.59/-0.52 | 0.67/-0.41 | -3.14/-5.29 | -8.40/-9.55 | -7.79/-8.81 | -7.32/-8.68 | -3.41/-5.82 | -2.20/0.02 | -0.35/-4.05 | -2.53/-1.20 | 0.67/-0.43 | -1.47/-2.98 |
| Θ(97.5°) | -0.25/-0.65 | 0.90/0.22 | -2.80/-5.02 | -5.15/-6.76 | -11.26/-4.64 | -5.76/-8.84 | -3.97/-9.74 | -2.24/-2.23 | -2.35/-5.47 | -2.78/-0.24 | 0.77/0.95 | 0.38/-1.53 |
| Θ(105°) | 0.36/0.49 | 0.48/-0.32 | -0.53/-4.58 | -2.79/-6.12 | -15.93/-6.56 | -7.44/-9.90 | -4.25/-10.54 | -2.73/-4.74 | -4.10/-6.17 | -1.39/1.12 | 0.22/1.13 | 1.40/1.01 |
| Θ(112.5°) | -0.79/-2.16 | -1.82/-2.77 | -2.32/-6.95 | -10.03/-9.44 | -10.96/-4.69 | -3.03/-7.73 | -8.53/-5.22 | -2.83/-7.25 | -5.99/-5.78 | -1.73/0.47 | -0.79/-0.29 | -0.41/0.06 |
| Θ(120°) | -4.20/-5.44 | -6.08/-6.24 | -4.70/-7.69 | -13.26/-10.49 | -15.47/-6.25 | -6.97/-9.07 | -13.49/-4.86 | -3.43/-5.20 | -6.17/-5.30 | -1.72/0.75 | 0.38/2.04 | 1.96/-0.32 |
| Θ(127.5°) | -5.76/-10.30 | -9.10/-13.99 | -11.75/-10.23 | -11.97/-10.37 | -15.98/-9.72 | -9.82/-9.82 | -15.56/-14.15 | -8.56/-5.35 | -7.20/-5.54 | -4.21/-3.52 | -4.69/-1.96 | -0.82/-1.25 |
| Θ(135°) | -6.86/-8.35 | -9.51/-14.31 | -16.07/-14.96 | -15.57/-13.44 | -11.69/-12.58 | -8.58/-10.43 | -11.05/-10.44 | -5.73/-5.49 | -5.40/-7.51 | -4.93/-3.82 | -3.02/-5.69 | -4.02/-1.44 |
| Θ(142.5°) | -5.89/-15.75 | -12.49/-14.90 | -11.74/-12.90 | -15.10/-11.07 | -11.72/-9.50 | -11.35/-15.50 | -15.46/-13.39 | -10.19/-6.20 | -2.92/-2.51 | -0.42/0.61 | 0.13/-0.25 | -0.20/0.13 |
| Θ(150°) | -8.95/-9.38 | -8.23/-10.15 | -12.33/-10.67 | -13.00/-11.77 | -4.98/-4.48 | -8.27/-14.64 | -15.67/-13.80 | -8.33/-4.74 | -2.59/-1.61 | 0.45/1.33 | 1.13/0.98 | 0.28/0.30 |
| Θ(157.5°) | -9.20/-12.27 | -12.48/-11.64 | -12.14/-12.23 | -11.28/-8.87 | -7.84/-10.40 | -12.46/-9.76 | -10.35/-10.17 | -9.40/-6.60 | -4.23/-3.61 | -2.52/-1.22 | -0.38/0.30 | 0.09/-0.75 |
| Θ(165°) | -11.79/-10.83 | -9.34/-9.07 | -9.39/-9.93 | -11.32/-14.84 | -15.79/-13.93 | -13.81/-15.06 | -15.22/-15.74 | -11.52/-8.86 | -9.69/-9.25 | -6.49/-4.59 | -4.03/-4.11 | -4.34/-4.31 |
| Θ(172.5°) | -12.11/-12.91 | -13.52/-14.48 | -15.64/-15.95 | -15.05/-14.97 | -13.86/-13.66 | -14.08/-14.21 | -14.40/-15.44 | -15.20/-15.04 | -14.87/-15.00 | -12.79/-11.74 | -12.22/-12.23 | -11.31/-10.91 |
| Θ(180°) | -16.04/-14.29 | -11.90/-10.88 | -9.06/-8.05 | -7.76/-7.39 | -8.00/-8.43 | -8.96/-9.34 | -8.73/-8.15 | -7.74/-7.75 | -8.10/-8.37 | -8.43/-8.33 | -8.41/-8.70 | -9.39/-9.98 |

E1(XY plane) – Θ(90)Φ(0-360)
E2(XZ plane) – Θ(0-180)Φ(0) and Θ(0-180)Φ(180)
E3(YZ plane) – Θ(0-180)Φ(90) and Θ(0-180)Φ(270)

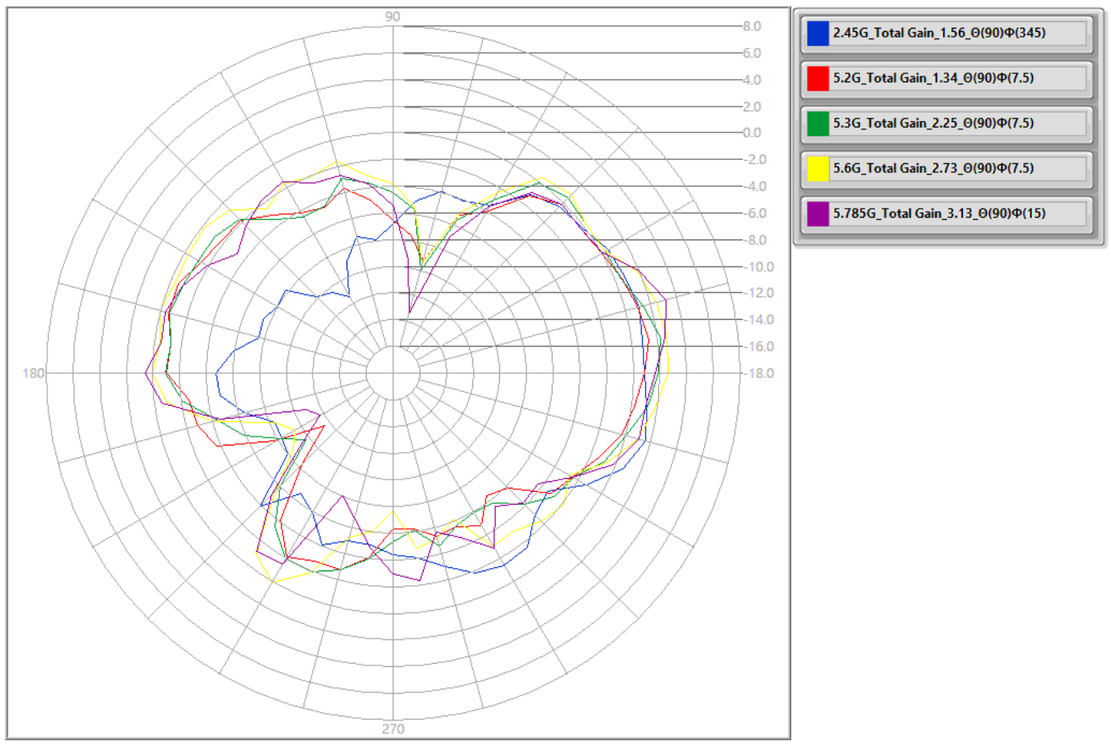
XY_Ant. 1



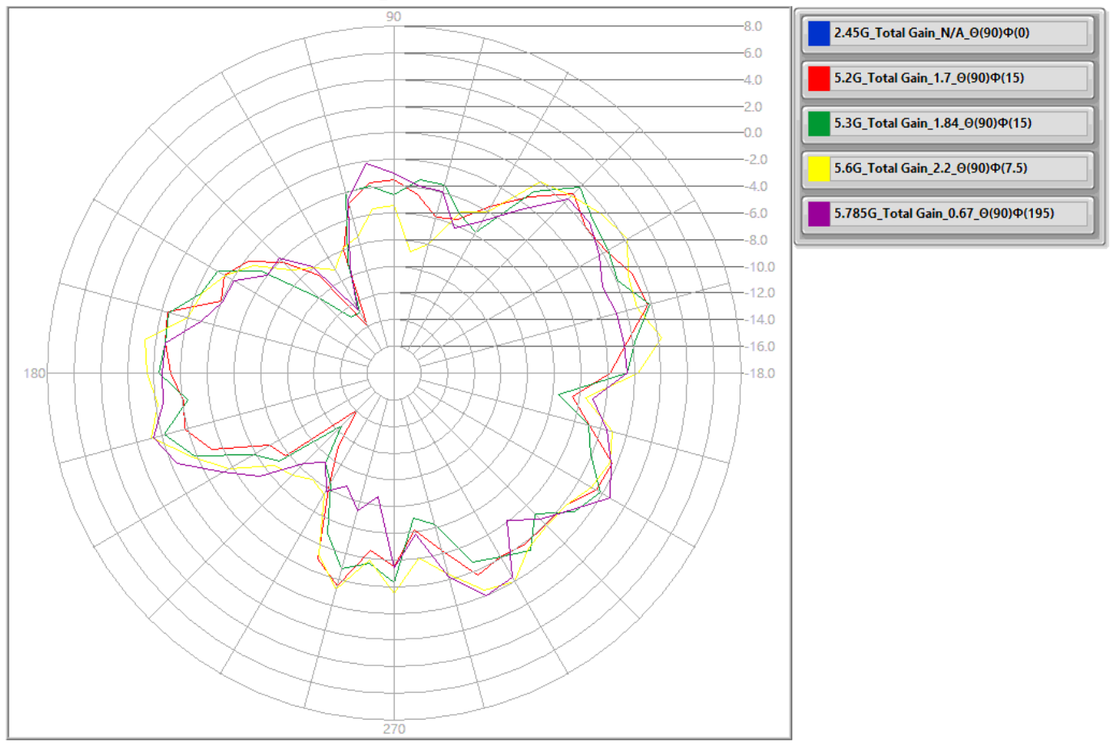

XY_Ant. 4



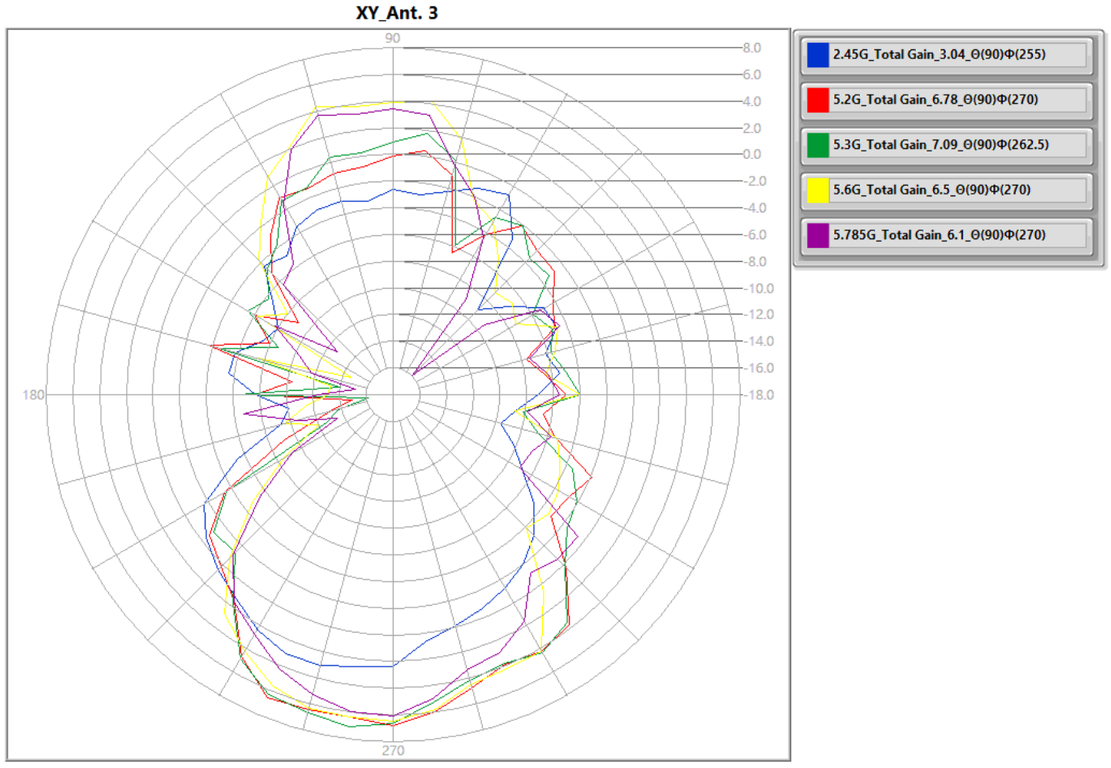

XY_Ant. 2



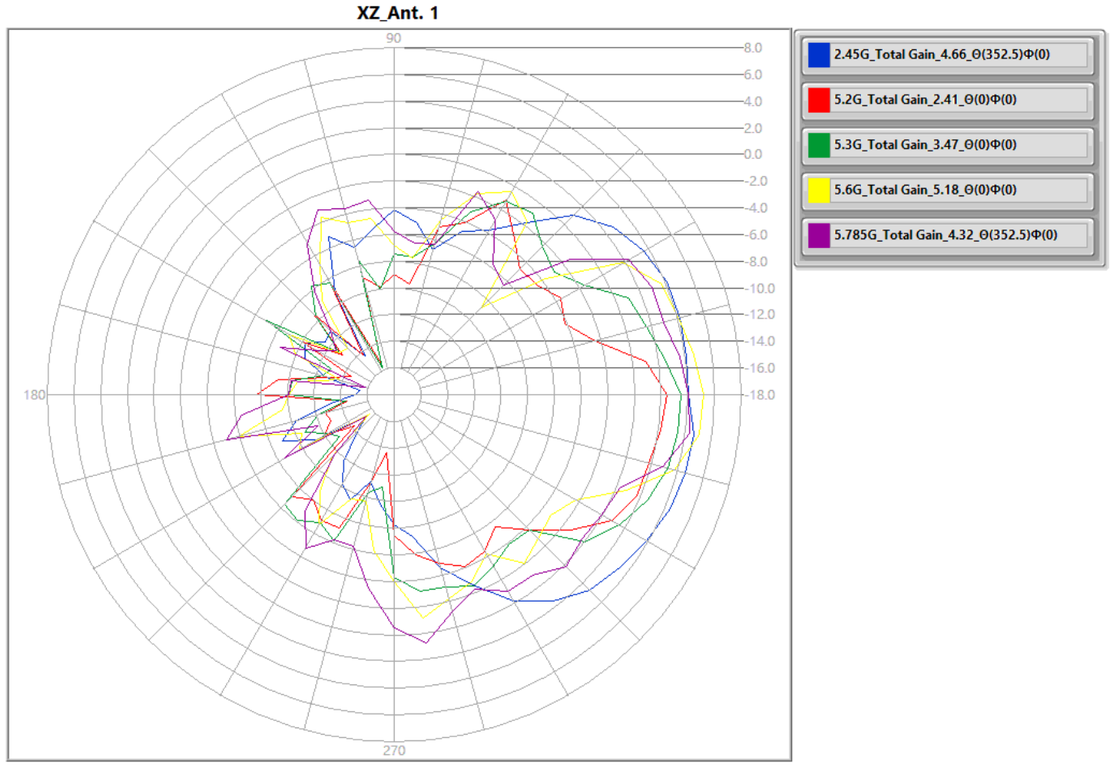

XY_Ant. 5



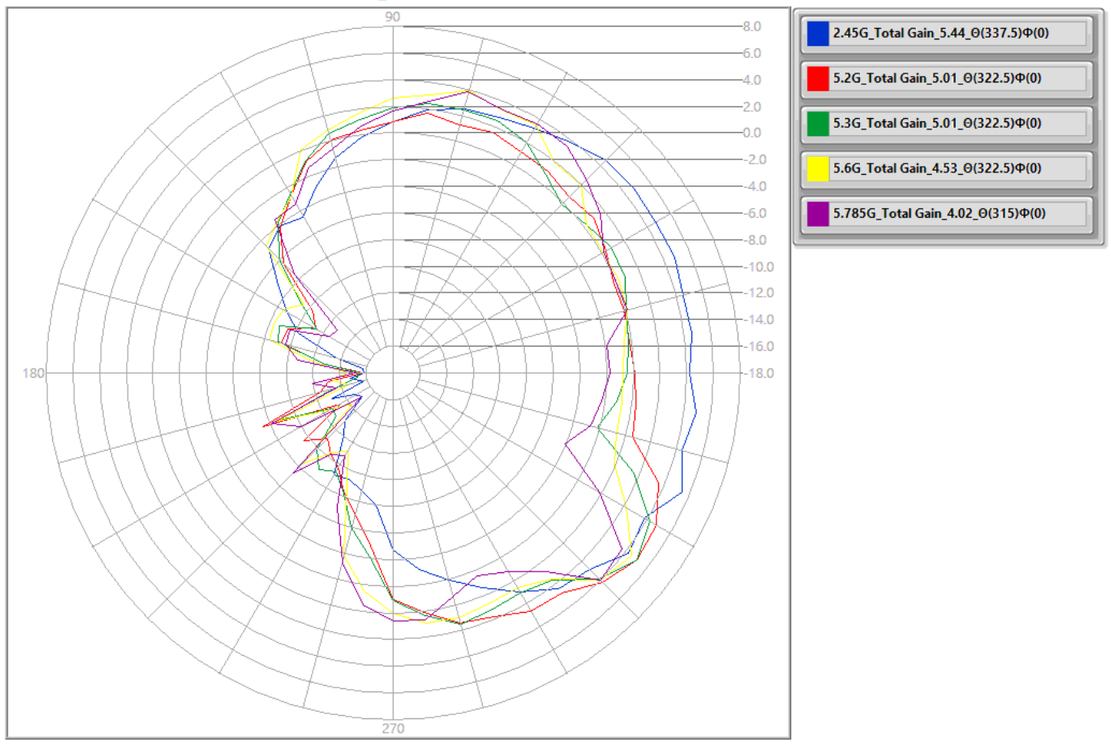

XY_Ant. 3




XZ_Ant. 1



XZ_Ant. 2

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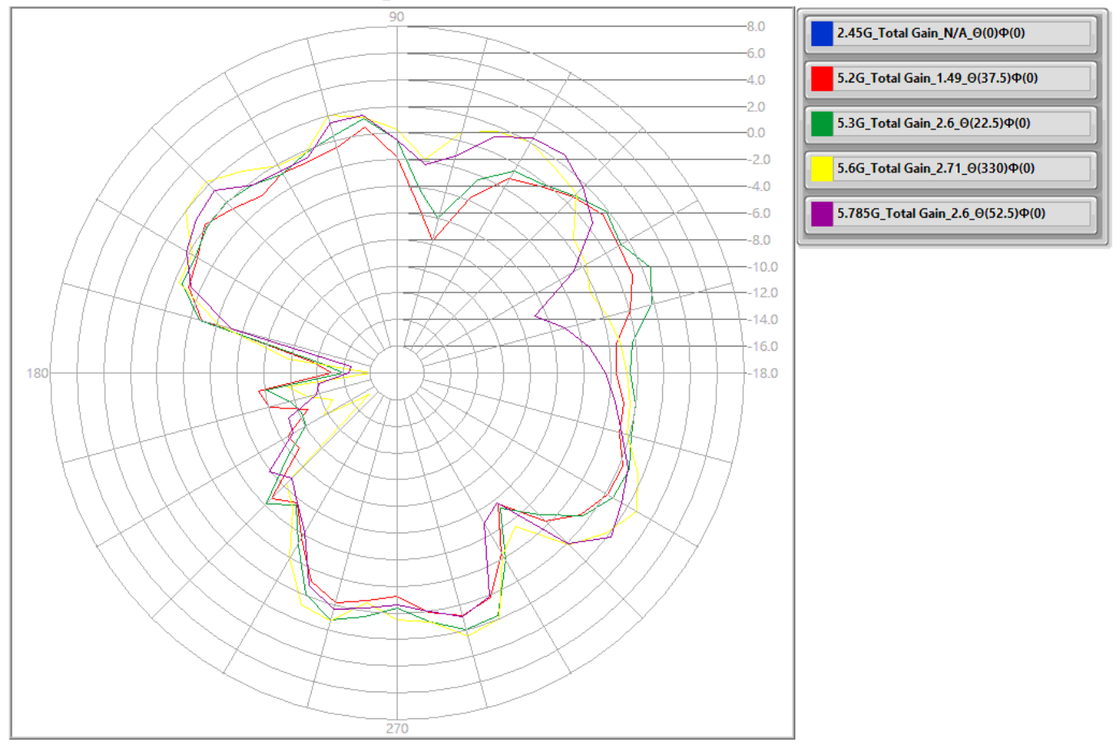


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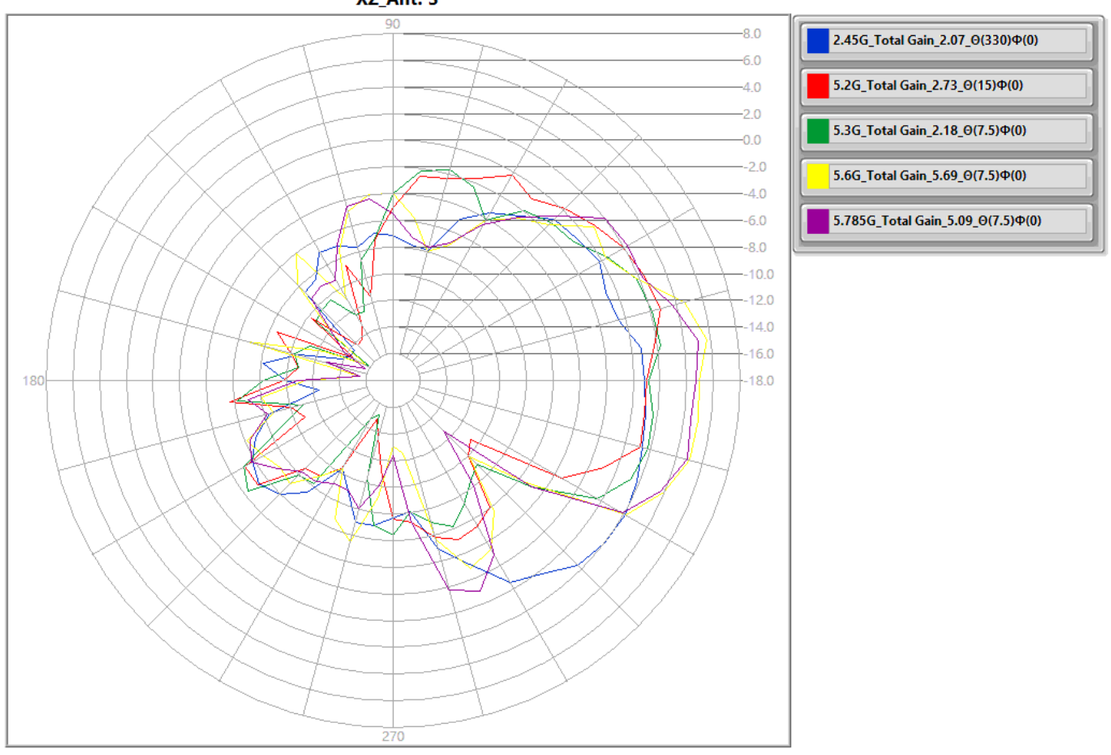


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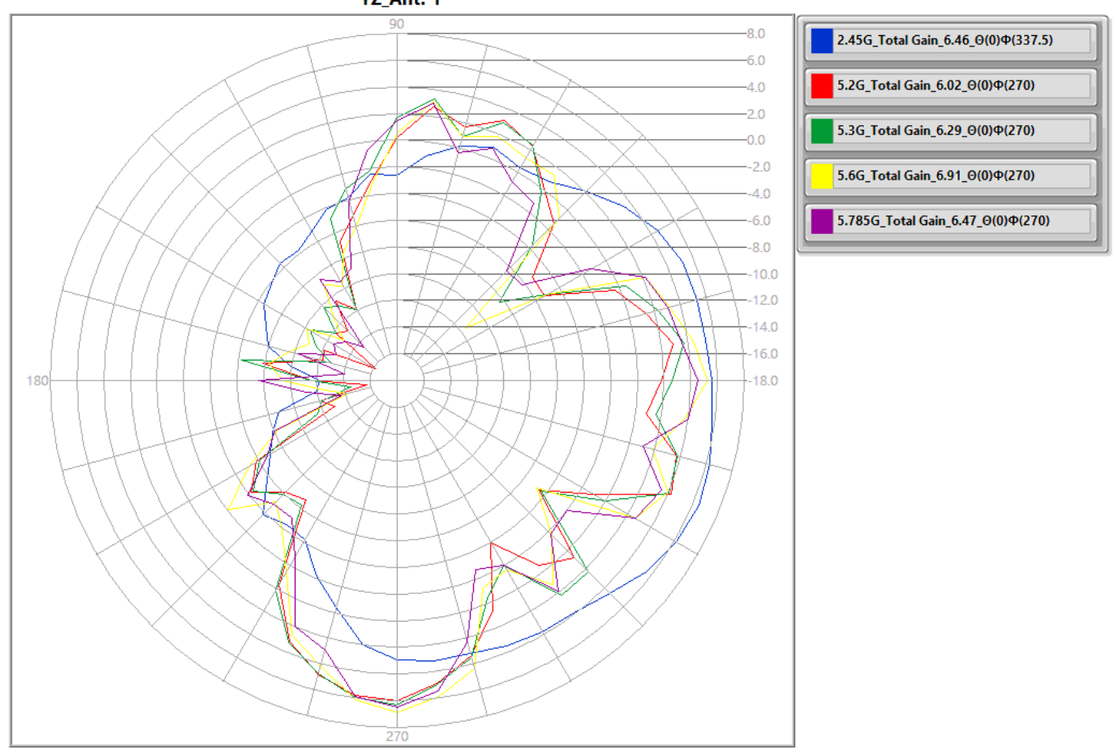


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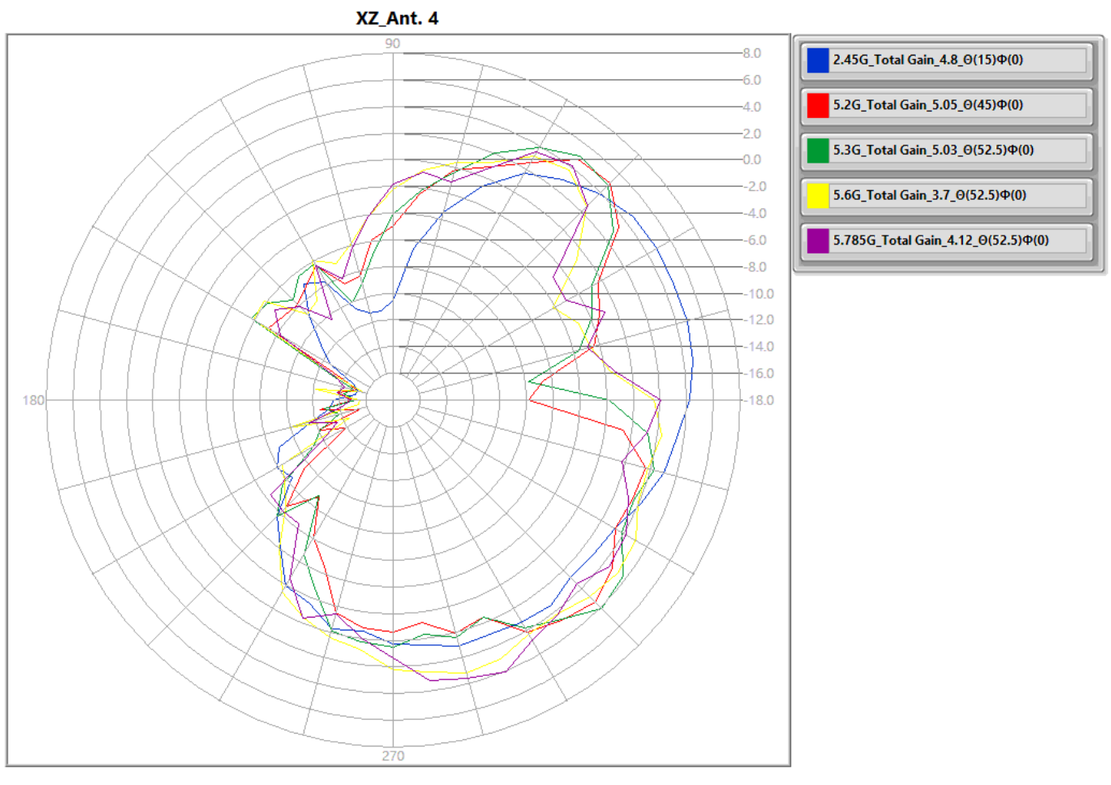


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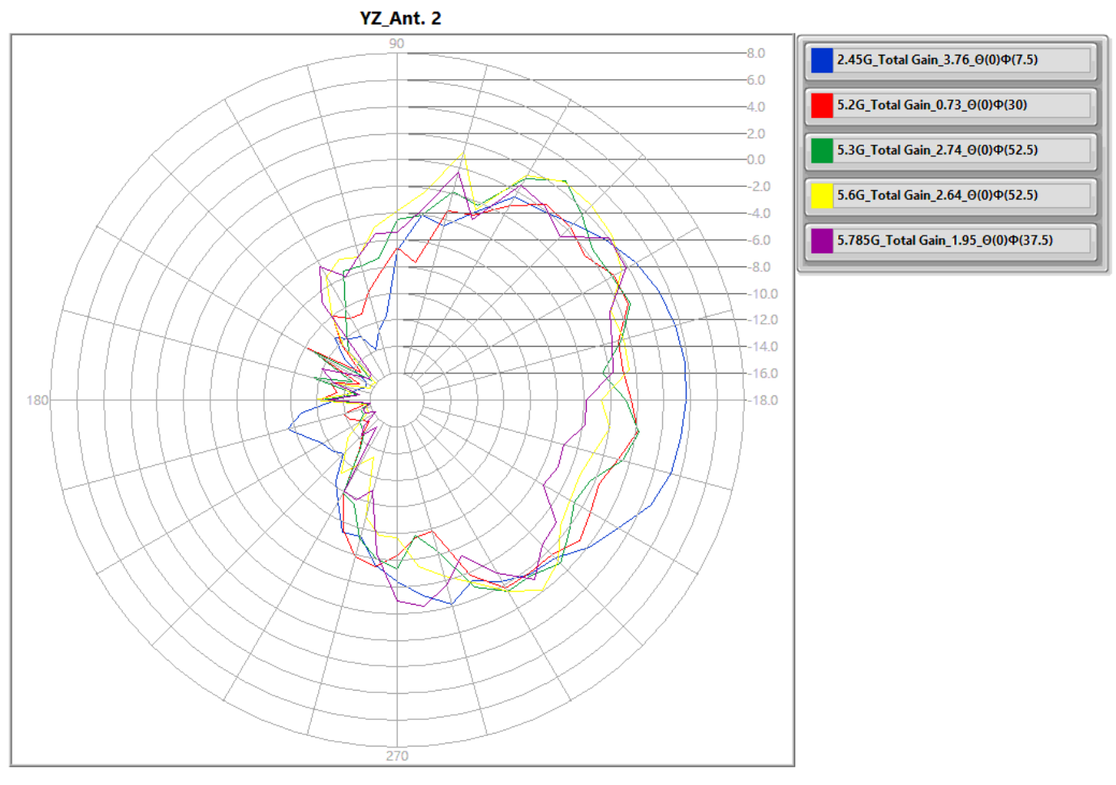

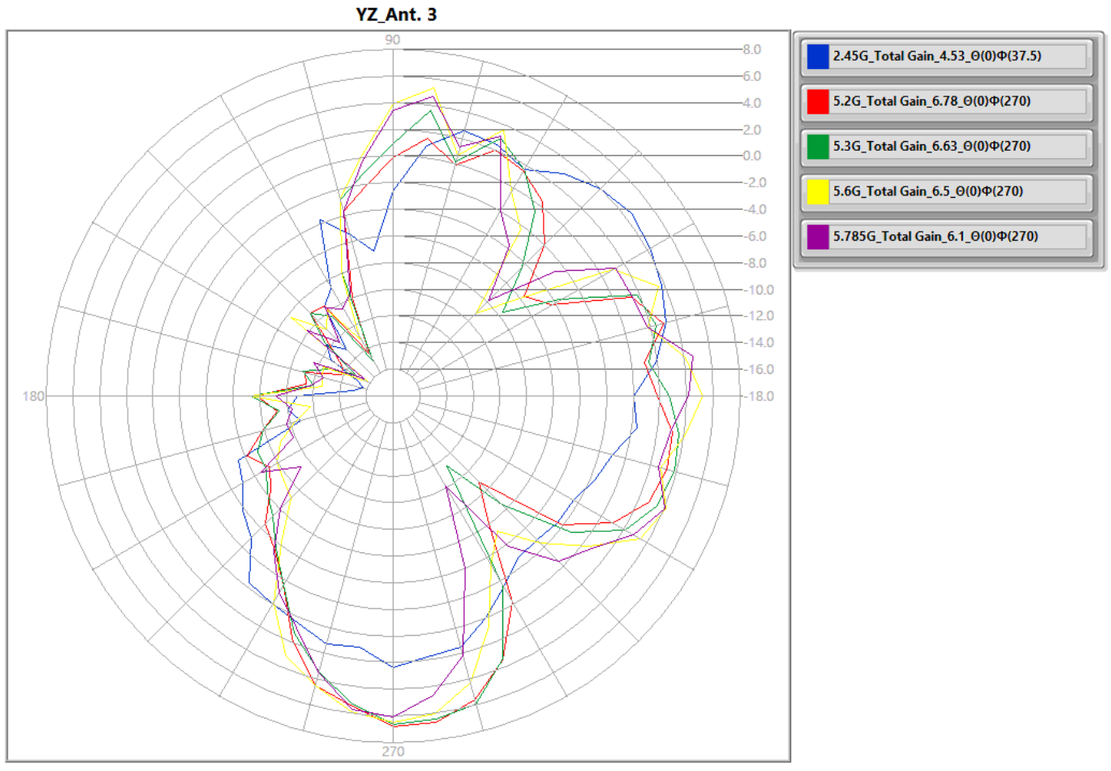
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90
180
270
8.0
6.0
4.0
2.0
0.0
-2.0
-4.0
-6.0
-8.0
-10.0
-12.0
-14.0
-16.0
-18.0
2.45G_Total Gain_4.53_Θ(0)Φ(37.5)
5.2G_Total Gain_6.78_Θ(0)Φ(270)
5.3G_Total Gain_6.63_Θ(0)Φ(270)
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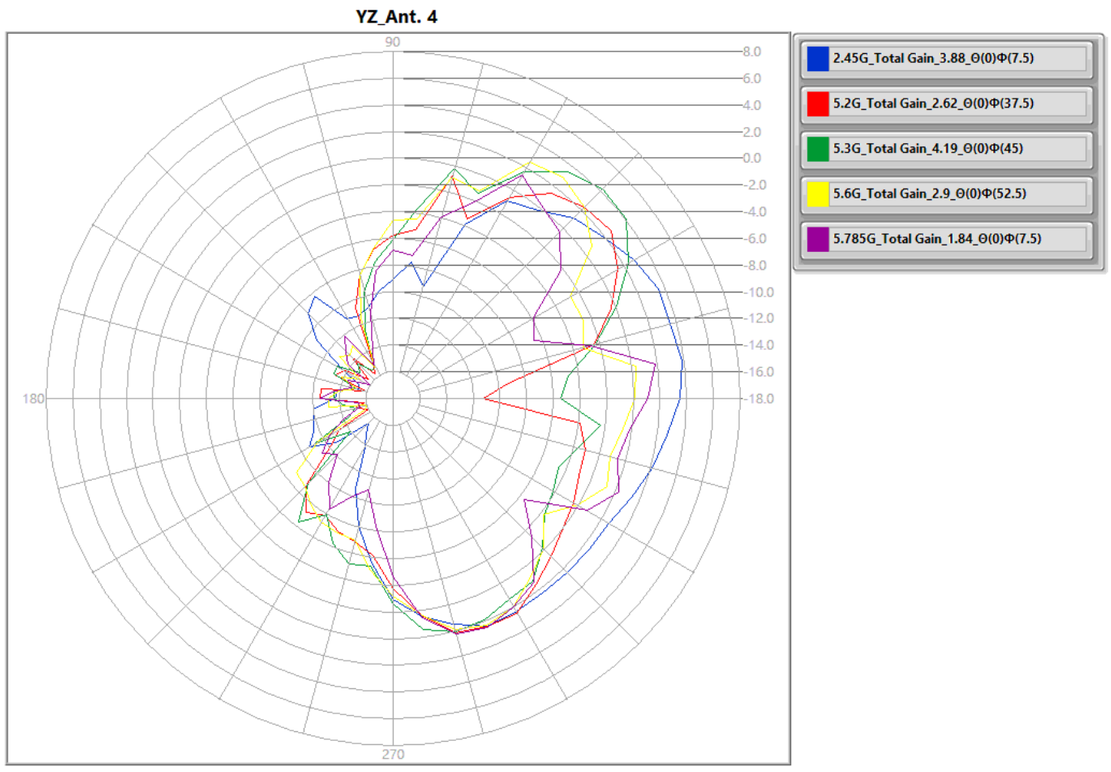
5.785G_Total Gain_6.1_Θ(0)Φ(270)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90
180
270
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6.0
4.0
2.0
0.0
-2.0
-4.0
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-8.0
-10.0
-12.0
-14.0
-16.0
-18.0
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5.2G_Total Gain_2.62_Θ(0)Φ(37.5)
5.3G_Total Gain_4.19_Θ(0)Φ(45)
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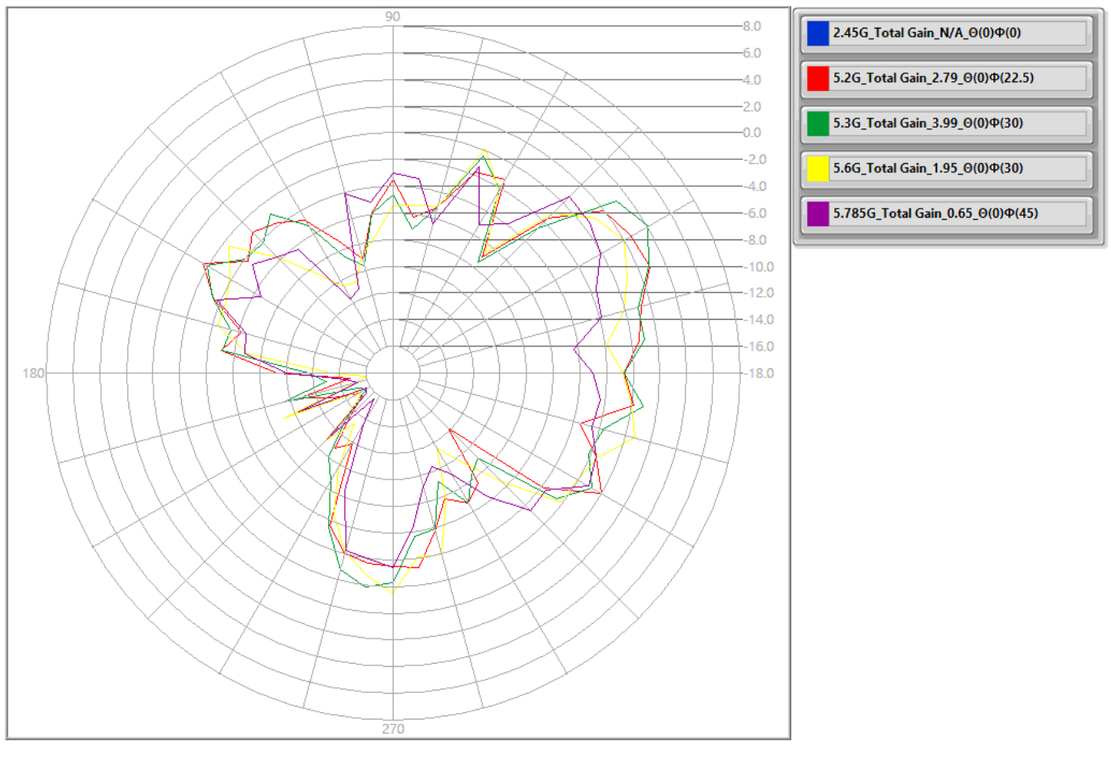
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90
180
270
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6.0
4.0
2.0
0.0
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-4.0
-6.0
-8.0
-10.0
-12.0
-14.0
-16.0
-18.0
2.45G_Total Gain_N/A_Θ(0)Φ(0)
5.2G_Total Gain_2.79_Θ(0)Φ(22.5)
5.3G_Total Gain_3.99_Θ(0)Φ(30)
5.6G_Total Gain_1.95_Θ(0)Φ(30)
5.785G_Total Gain_0.65_Θ(0)Φ(45)

## Total Gain Data

| Freq(Hz) | 2.45G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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°) |
| Θ(0°) | -3.43/-3.44 | -3.70/-4.05 | -4.06/-3.95 | -3.82/-3.59 | -3.10/-2.98 | -3.06/-3.14 | -3.24/-3.93 | -3.89/-4.32 | -3.72/-2.98 | -2.49/-2.12 | -1.95/-2.13 | -2.29/-2.68 |
| Θ(7.5°) | -1.82/-2.00 | -2.31/-2.53 | -2.48/-2.42 | -2.35/-2.36 | -2.39/-2.50 | -2.49/-2.57 | -2.85/-3.47 | -3.63/-4.22 | -3.76/-3.54 | -3.28/-3.49 | -2.93/-3.26 | -3.75/-3.97 |
| Θ(15°) | -1.42/-1.66 | -1.92/-1.96 | -1.83/-1.65 | -1.56/-1.51 | -1.56/-1.52 | -1.52/-1.44 | -1.92/-1.71 | -2.40/-2.43 | -2.58/-2.70 | -2.73/-2.75 | -2.68/-2.80 | -5.50/-6.25 |
| Θ(22.5°) | -1.80/-1.59 | -1.75/-1.60 | -1.38/-1.32 | -1.25/-1.25 | -1.28/-1.24 | -0.97/-1.36 | -1.16/-1.79 | -1.93/-1.94 | -1.76/-1.60 | -1.35/-1.09 | -1.22/-0.98 | -1.29/-2.09 |
| Θ(30°) | -1.89/-1.86 | -1.53/-1.23 | -0.88/-0.74 | -0.67/-0.89 | -1.26/-1.32 | -0.68/-0.47 | -0.61/-0.89 | -0.97/-1.37 | -1.48/-1.34 | -0.77/-1.46 | 0.21/0.56 | 0.39/-0.07 |
| Θ(37.5°) | -1.46/-1.99 | -3.34/-2.99 | -0.91/-0.09 | -0.35/-1.08 | -1.12/-1.04 | -0.55/-0.25 | -0.12/-0.24 | -0.59/-0.81 | -1.04/-1.02 | -0.62/0.33 | 1.25/1.58 | 1.58/1.30 |
| Θ(45°) | -0.22/-1.14 | -2.34/-1.89 | -0.69/-0.34 | -0.84/-1.86 | -2.28/-1.73 | -0.28/0.42 | 0.74/0.24 | -0.70/-2.16 | -3.21/-3.51 | -2.01/-1.00 | 0.32/1.29 | 1.61/1.50 |
| Θ(52.5°) | 1.19/1.03 | 0.26/-0.74 | -0.72/-0.27 | -1.18/-3.04 | -3.55/-1.20 | 0.56/1.55 | 1.54/1.06 | -0.09/-1.40 | -3.26/-4.33 | -3.51/-2.08 | -0.60/0.74 | 1.21/1.14 |
| Θ(60°) | 1.29/1.91 | 1.34/0.02 | 0.04/-0.30 | -3.35/-6.48 | -3.90/-0.58 | 1.21/2.03 | 2.19/1.70 | 0.87/-0.32 | -1.68/-2.62 | -2.93/-2.41 | -1.41/0.19 | 0.76/0.83 |
| Θ(67.5°) | 0.51/1.81 | 1.02/-0.50 | -0.50/-1.64 | -5.22/-10.05 | -5.74/-2.73 | -0.72/0.52 | 1.19/1.43 | 1.29/0.59 | -0.18/-1.13 | -1.51/-0.65 | -0.51/0.30 | 0.02/-0.44 |
| Θ(75°) | 0.92/2.24 | 0.73/-1.34 | -1.81/-3.00 | -6.21/-9.79 | -9.03/-7.01 | -4.04/-2.45 | -1.42/0.12 | 0.97/0.94 | 0.47/-0.28 | -0.96/-0.66 | -0.08/0.04 | -1.05/-1.49 |
| Θ(82.5°) | 0.57/2.31 | 1.12/-1.33 | -2.86/-3.30 | -5.51/-7.63 | -12.05/-9.81 | -7.27/-7.48 | -5.61/-1.87 | 0.81/1.24 | 0.77/0.73 | 0.63/1.12 | 1.75/0.85 | -0.10/-0.61 |
| Θ(90°) | 0.12/1.61 | 0.61/-1.81 | -3.19/-4.02 | -5.93/-7.79 | -10.42/-8.52 | -8.61/-11.79 | -10.03/-3.98 | 0.32/1.81 | 1.48/1.42 | 1.59/1.68 | 2.47/1.83 | 0.29/-1.08 |
| Θ(97.5°) | -0.68/0.47 | -0.88/-3.55 | -3.87/-5.44 | -7.99/-10.68 | -8.30/-6.20 | -7.38/-10.43 | -10.19/-4.85 | -0.13/1.82 | 1.36/1.38 | 2.25/2.71 | 3.45/2.45 | 1.09/0.70 |
| Θ(105°) | -1.66/-0.51 | -2.00/-4.77 | -4.29/-5.35 | -7.87/-11.80 | -7.90/-5.07 | -5.85/-8.65 | -8.86/-4.28 | 0.09/1.93 | 1.44/1.22 | 2.41/3.01 | 3.78/3.30 | 1.86/1.29 |
| Θ(112.5°) | -3.24/-1.58 | -2.82/-5.96 | -7.37/-7.98 | -8.93/-10.79 | -7.87/-4.80 | -5.15/-7.53 | -7.74/-3.55 | 0.10/1.23 | 0.48/1.01 | 2.94/3.62 | 4.10/3.24 | 2.43/2.71 |
| Θ(120°) | -8.87/-5.77 | -5.46/-6.93 | -7.56/-7.35 | -6.66/-7.33 | -7.74/-5.40 | -4.48/-5.14 | -5.50/-2.93 | -0.48/-0.04 | -0.26/1.29 | 3.23/3.70 | 3.88/3.42 | 2.60/2.80 |
| Θ(127.5°) | -7.96/-9.85 | -9.46/-7.27 | -4.94/-5.43 | -5.83/-5.03 | -6.06/-5.47 | -4.43/-3.91 | -3.48/-1.92 | -0.73/-0.48 | 0.84/2.59 | 3.45/3.07 | 3.09/2.74 | 2.59/2.47 |
| Θ(135°) | -6.45/-9.33 | -9.57/-7.25 | -5.62/-6.01 | -5.87/-5.68 | -6.12/-5.20 | -4.04/-3.67 | -3.41/-3.05 | -2.44/-1.11 | 0.69/2.18 | 2.33/1.93 | 2.25/2.26 | 2.14/1.81 |
| Θ(142.5°) | -5.90/-8.13 | -8.27/-6.78 | -5.30/-5.14 | -6.49/-6.57 | -6.46/-5.71 | -4.64/-3.83 | -3.20/-2.74 | -2.00/-0.61 | -0.12/0.09 | -0.00/0.54 | 1.51/1.55 | 0.79/-0.62 |
| Θ(150°) | -4.89/-7.01 | -8.15/-8.73 | -8.57/-7.44 | -7.60/-8.88 | -9.57/-9.38 | -7.29/-5.15 | -3.28/-2.17 | -1.23/-0.91 | -0.73/-0.27 | 0.02/0.61 | 1.27/0.99 | 0.27/-1.05 |
| Θ(157.5°) | -5.05/-6.98 | -6.77/-6.83 | -7.99/-11.39 | -12.48/-12.56 | -12.74/-10.65 | -8.27/-5.99 | -4.81/-3.49 | -2.69/-2.05 | -1.43/-0.64 | 0.18/0.38 | 0.72/-1.35 | -2.69/-3.22 |
| Θ(165°) | -7.87/-9.17 | -9.62/-9.89 | -9.98/-10.39 | -11.41/-12.56 | -12.61/-11.31 | -10.02/-8.40 | -7.27/-5.79 | -3.61/-2.92 | -1.74/-1.26 | -1.32/-1.45 | -1.85/-2.63 | -3.29/-3.94 |
| Θ(172.5°) | -13.47/-13.12 | -14.10/-12.83 | -10.64/-8.78 | -9.92/-9.41 | -9.54/-9.64 | -8.60/-8.24 | -6.92/-6.24 | -4.87/-4.26 | -4.16/-4.21 | -4.47/-5.48 | -6.37/-7.16 | -7.60/-7.73 |
| Θ(180°) | -14.77/-13.39 | -12.17/-11.10 | -11.04/-10.91 | -11.46/-11.15 | -10.71/-10.15 | -9.85/-10.06 | -9.71/-8.49 | -8.67/-7.79 | -8.44/-9.21 | -10.01/-10.76 | -11.30/-12.44 | -12.74/-13.66 |
| Freq(Hz) | 5.2G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) |
| Θ(0°) | -0.64/-0.96 | -1.06/-1.07 | -1.04/-0.96 | -0.85/-0.97 | -1.03/-0.72 | -0.35/-0.49 | -0.87/-0.84 | -0.66/-0.13 | -0.12/-0.27 | -0.26/-0.16 | -0.21/-0.36 | -0.41/-0.51 |
| Θ(7.5°) | -0.55/-1.23 | -1.21/-1.23 | -1.66/-1.95 | -2.26/-2.77 | -3.48/-3.03 | -2.44/-2.51 | -2.67/-3.09 | -3.21/-2.20 | -1.27/-0.96 | -1.23/-0.85 | -0.10/0.18 | 0.11/0.27 |
| Θ(15°) | 0.30/-0.87 | -1.87/-2.37 | -3.07/-3.25 | -2.72/-2.84 | -2.72/-2.15 | -2.10/-2.31 | -2.33/-2.44 | -2.51/-2.36 | -1.75/-1.31 | -1.01/-0.46 | 0.46/1.19 | 1.35/1.57 |
| Θ(22.5°) | 0.08/-1.12 | -2.64/-2.82 | -2.95/-3.70 | -3.09/-2.93 | -3.23/-3.69 | -5.26/-6.36 | -6.66/-6.87 | -6.36/-5.26 | -3.51/-1.88 | -0.37/0.89 | 1.94/2.60 | 2.71/2.69 |
| Θ(30°) | -2.54/-2.89 | -3.49/-3.97 | -3.51/-4.27 | -4.81/-5.17 | -5.07/-6.31 | -8.13/-8.32 | -8.43/-8.84 | -8.93/-7.61 | -4.95/-2.57 | -0.64/0.75 | 1.64/2.20 | 2.65/2.63 |
| Θ(37.5°) | -4.47/-3.62 | -4.19/-3.46 | -5.23/-6.02 | -4.58/-3.58 | -2.46/-2.08 | -1.22/-0.70 | -1.13/-2.31 | -4.68/-7.87 | -6.89/-3.86 | -2.35/-0.50 | 0.98/1.97 | 2.45/2.57 |
| Θ(45°) | -3.07/-2.49 | -3.58/-4.23 | -5.19/-8.08 | -5.29/-3.87 | -2.46/-0.51 | 0.51/0.60 | 0.43/0.04 | -1.08/-3.45 | -7.31/-7.53 | -5.03/-3.00 | 0.17/2.29 | 3.31/3.34 |
| Θ(52.5°) | -1.33/-2.56 | -3.60/-3.05 | -4.57/-9.50 | -9.46/-9.37 | -6.07/-4.18 | -3.85/-3.88 | -3.77/-1.91 | -0.47/0.15 | -0.30/-3.13 | -6.29/-4.28 | -1.57/2.25 | 4.40/3.44 |
| Θ(60°) | -1.37/-2.92 | -3.96/-3.07 | -5.12/-8.20 | -9.39/-6.88 | -5.02/-3.64 | -2.72/-4.19 | -8.82/-13.90 | -6.46/-2.64 | -1.11/-1.74 | -6.46/-9.99 | -5.58/-0.80 | 3.18/3.50 |
| Θ(67.5°) | -2.50/-3.75 | -3.95/-1.68 | -2.86/-4.35 | -3.36/-1.93 | -0.77/-0.11 | 0.41/0.52 | -0.90/-4.83 | -9.13/-5.59 | -1.89/-0.78 | -2.02/-4.87 | -4.39/-2.86 | 0.73/1.70 |
| Θ(75°) | -2.48/-2.33 | -4.27/-1.69 | -1.96/-2.85 | -2.72/-1.38 | -0.80/-1.10 | -0.92/-1.63 | -2.38/-2.65 | -6.27/-11.23 | -3.26/0.46 | 0.63/-2.31 | -3.88/-3.98 | -1.05/1.22 |
| Θ(82.5°) | -2.46/-3.86 | -1.31/-0.56 | -3.96/-3.56 | -3.68/-2.28 | -2.68/-2.34 | -5.08/-7.18 | -7.31/-4.15 | -3.29/-10.00 | -5.06/0.02 | 1.92/2.31 | 1.29/-0.82 | -1.57/-0.19 |
| Θ(90°) | -2.01/-1.60 | -1.68/-2.63 | -3.95/-3.13 | -6.35/-5.00 | -2.20/-1.41 | -2.32/-4.25 | -7.43/-3.78 | -1.78/-2.54 | -11.51/-2.88 | 1.90/3.27 | 3.04/1.25 | 0.21/0.80 |
| Θ(97.5°) | -3.32/-4.37 | -4.51/-3.59 | -6.11/-11.16 | -4.76/-4.77 | -1.14/-1.95 | -4.52/-5.37 | -5.94/-2.07 | -0.17/-0.66 | -4.84/-6.74 | -0.62/1.94 | 3.29/3.69 | 2.74/2.93 |
| Θ(105°) | -4.63/-6.46 | -4.75/-4.60 | -13.07/-9.10 | -4.12/-3.42 | -2.84/-7.14 | -5.72/-3.55 | -6.25/-4.46 | 0.15/-0.08 | -0.69/-3.79 | -5.35/-0.89 | 2.03/3.36 | 3.61/4.17 |
| Θ(112.5°) | -12.35/-9.12 | -8.60/-7.04 | -11.37/-12.47 | -7.62/-7.48 | -6.56/-6.67 | -3.96/-3.59 | -6.96/-2.59 | 0.20/0.62 | 0.81/-0.41 | -2.88/-4.95 | -1.89/1.01 | 1.79/1.69 |
| Θ(120°) | -9.24/-8.65 | -10.21/-10.32 | -11.16/-14.50 | -9.68/-10.11 | -8.64/-6.59 | -5.95/-7.04 | -7.90/-3.22 | -1.06/1.01 | 1.03/2.17 | 1.69/-0.57 | -0.86/-1.86 | -1.10/-0.85 |
| Θ(127.5°) | -10.58/-10.44 | -8.62/-5.94 | -14.68/-13.22 | -12.86/-12.63 | -8.26/-5.84 | -5.93/-9.73 | -7.06/-3.68 | -0.22/0.83 | 2.67/3.31 | 3.16/2.91 | 1.50/1.09 | 0.59/0.78 |
| Θ(135°) | -9.48/-8.96 | -13.96/-8.87 | -14.76/-11.70 | -8.28/-6.55 | -9.69/-12.62 | -10.70/-8.82 | -5.33/-2.03 | -0.48/1.37 | 3.14/3.60 | 3.84/3.82 | 2.79/2.63 | 1.37/1.05 |
| Θ(142.5°) | -8.82/-11.11 | -14.85/-14.99 | -13.26/-9.30 | -8.69/-10.66 | -12.80/-10.57 | -8.03/-6.42 | -5.11/-3.43 | -0.78/0.23 | 1.43/2.60 | 3.09/3.21 | 3.39/3.21 | 2.86/2.75 |
| Θ(150°) | -14.21/-14.86 | -11.55/-9.80 | -9.80/-10.23 | -10.72/-11.02 | -9.69/-8.75 | -6.06/-4.92 | -3.75/-2.93 | -1.85/-0.29 | 0.54/1.38 | 2.25/2.40 | 2.76/2.45 | 1.97/1.11 |
| Θ(157.5°) | -10.81/-9.85 | -10.04/-11.67 | -9.31/-6.45 | -6.66/-6.84 | -6.11/-4.76 | -4.00/-4.05 | -4.15/-4.25 | -3.40/-1.58 | 0.21/1.00 | 1.29/1.86 | 1.80/1.31 | 0.82/0.56 |
| Θ(165°) | -9.05/-10.32 | -11.87/-11.82 | -10.75/-7.92 | -6.59/-6.24 | -5.87/-5.09 | -4.62/-4.08 | -3.90/-3.48 | -3.08/-2.48 | -1.91/-1.41 | -0.89/-0.87 | -0.96/-0.88 | -0.37/-0.48 |
| Θ(172.5°) | -12.26/-12.80 | -13.91/-12.56 | -10.18/-9.24 | -8.57/-8.51 | -8.34/-7.24 | -6.36/-5.97 | -5.68/-5.77 | -6.53/-6.39 | -5.63/-5.19 | -5.14/-4.97 | -5.00/-5.40 | -6.21/-6.68 |
| Θ(180°) | -11.38/-13.53 | -15.07/-15.30 | -15.06/-13.60 | -12.12/-11.18 | -11.77/-13.72 | -14.94/-14.44 | -13.19/-11.84 | -12.00/-12.46 | -12.15/-11.69 | -12.09/-13.07 | -12.46/-12.81 | -13.83/-15.16 |
| Freq(Hz) | 5.3G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) |
| Θ(0°) | 0.52/0.72 | 0.58/0.39 | -0.03/-0.25 | -0.34/-0.51 | -0.49/-0.43 | -0.25/-0.07 | 0.04/0.27 | 0.13/0.08 | 0.56/0.94 | 0.98/0.87 | 0.79/0.90 | 0.68/0.63 |
| Θ(7.5°) | 0.93/0.76 | 0.20/-0.19 | -0.34/-0.55 | -0.66/-0.76 | -0.50/-0.38 | -0.49/-1.00 | -0.78/-0.43 | -0.45/-0.75 | -1.17/-0.81 | 0.05/0.38 | 0.36/0.72 | 1.27/1.57 |
| Θ(15°) | 1.68/1.20 | 0.49/0.06 | 0.26/0.47 | 0.46/0.31 | 0.46/0.10 | -0.22/-0.81 | -1.41/-1.60 | -1.42/-1.27 | -1.68/-1.90 | -1.24/-0.26 | 0.10/0.76 | 1.52/2.14 |
| Θ(22.5°) | 0.81/0.09 | -0.16/-0.03 | 0.40/0.45 | 0.05/-0.12 | -0.47/-1.43 | -2.26/-3.58 | -4.79/-5.14 | -5.33/-4.68 | -3.56/-1.98 | 0.16/1.22 | 1.51/2.02 | 2.64/2.98 |
| Θ(30°) | -1.84/-2.15 | -2.65/-1.86 | -1.87/-2.00 | -1.72/-0.89 | -1.08/-1.66 | -2.22/-2.59 | -3.35/-4.90 | -6.29/-6.73 | -5.78/-3.03 | -0.87/0.96 | 2.30/2.37 | 2.49/2.68 |
| Θ(37.5°) | -5.99/-4.33 | -3.53/-4.47 | -5.62/-4.88 | -2.28/-0.99 | -0.58/0.53 | 1.37/1.30 | 0.30/-1.78 | -5.66/-12.43 | -10.34/-4.53 | -1.37/0.59 | 1.69/2.53 | 2.64/2.52 |
| Θ(45°) | -3.98/-2.50 | -2.80/-3.64 | -7.12/-5.71 | -2.94/-1.32 | -0.14/1.57 | 2.06/1.15 | 0.08/-0.74 | -2.48/-7.04 | -14.81/-9.62 | -3.20/-1.39 | 0.69/2.48 | 3.42/3.52 |
| Θ(52.5°) | -0.96/-1.98 | -2.47/-3.83 | -6.03/-5.96 | -7.40/-5.59 | -2.76/-2.53 | -2.73/-4.39 | -6.04/-4.74 | -2.02/-1.85 | -4.10/-10.72 | -7.55/-1.95 | 1.20/2.38 | 3.88/4.22 |
| Θ(60°) | -1.24/-2.21 | -3.52/-2.79 | -4.17/-4.36 | -5.69/-4.67 | -5.54/-4.99 | -3.38/-4.67 | -7.55/-8.90 | -6.03/-3.53 | -4.12/-7.93 | -12.80/-7.12 | -2.03/0.50 | 2.78/3.80 |
| Θ(67.5°) | -2.28/-3.03 | -5.06/-2.16 | -1.35/-0.50 | -0.83/-1.53 | -2.00/-1.11 | -0.22/-0.43 | -2.71/-5.80 | -7.23/-5.69 | -3.24/-3.42 | -3.44/-3.92 | -2.51/-1.03 | 0.82/2.11 |
| Θ(75°) | -2.48/-3.10 | -4.21/-1.27 | -0.07/0.18 | -0.68/-1.83 | -2.25/-2.24 | -2.48/-3.66 | -3.88/-3.03 | -3.93/-9.04 | -5.65/-0.93 | -0.10/-1.80 | -3.44/-4.13 | -2.26/0.61 |
| Θ(82.5°) | -2.36/-2.12 | -1.46/-0.83 | -1.42/-1.33 | -4.11/-3.49 | -3.95/-4.91 | -7.78/-10.61 | -5.25/-1.67 | -2.03/-6.68 | -5.44/-0.14 | 0.96/1.27 | 1.17/-0.51 | -1.41/-0.97 |
| Θ(90°) | -0.34/-1.84 | -2.73/-2.27 | -1.46/-3.40 | -7.26/-5.52 | -3.67/-1.87 | -2.88/-8.41 | -6.31/-0.72 | -1.08/-3.62 | -10.40/-5.03 | 0.72/2.39 | 2.25/1.52 | 0.74/0.72 |
| Θ(97.5°) | -1.86/-3.59 | -4.28/-2.88 | -4.67/-13.39 | -5.11/-6.49 | -1.48/-1.01 | -4.13/-7.32 | -5.73/-0.02 | 0.30/-1.55 | -5.32/-7.35 | -2.05/0.57 | 2.44/3.30 | 3.05/2.32 |
| Θ(105°) | -3.38/-5.42 | -5.10/-5.25 | -7.37/-12.06 | -4.08/-4.29 | -3.31/-4.70 | -4.16/-3.97 | -7.39/-1.70 | 0.89/-0.46 | -1.17/-4.72 | -5.62/-3.03 | -0.01/2.91 | 3.80/3.81 |
| Θ(112.5°) | -12.62/-9.53 | -8.66/-6.75 | -11.90/-15.12 | -6.66/-7.15 | -6.33/-7.17 | -3.08/-3.25 | -7.27/-2.38 | 0.44/0.63 | 1.15/-0.34 | -4.13/-6.07 | -2.97/0.40 | 1.11/1.91 |
| Θ(120°) | -9.66/-11.00 | -11.10/-8.83 | -12.40/-14.69 | -10.66/-9.32 | -9.55/-7.67 | -6.28/-5.66 | -8.39/-4.73 | -0.90/0.79 | 1.17/1.43 | 0.54/-1.10 | -1.43/-2.38 | -1.50/-1.22 |
| Θ(127.5°) | -10.74/-10.76 | -6.17/-5.88 | -15.37/-13.76 | -15.18/-12.85 | -8.09/-6.11 | -6.70/-9.59 | -8.80/-3.88 | -0.06/0.57 | 2.26/3.27 | 2.98/2.83 | 1.61/0.90 | 0.82/0.35 |
| Θ(135°) | -9.37/-10.32 | -10.31/-6.89 | -12.89/-12.42 | -10.43/-9.34 | -13.15/-11.92 | -8.51/-6.81 | -4.29/-1.94 | -0.40/1.75 | 3.22/3.65 | 4.02/4.00 | 2.66/2.84 | 2.02/1.52 |
| Θ(142.5°) | -9.71/-12.91 | -15.21/-15.27 | -11.64/-11.20 | -11.01/-12.51 | -11.16/-8.64 | -8.44/-7.59 | -5.68/-2.80 | -0.32/0.73 | 1.73/2.49 | 2.93/3.10 | 3.19/3.08 | 2.82/2.39 |
| Θ(150°) | -14.79/-11.21 | -10.24/-9.86 | -9.87/-9.31 | -10.73/-11.37 | -10.74/-10.37 | -7.41/-5.56 | -3.44/-1.50 | -0.46/0.44 | 0.96/1.56 | 2.43/2.66 | 2.60/2.64 | 2.28/1.14 |
| Θ(157.5°) | -10.34/-9.77 | -9.69/-10.30 | -8.31/-6.44 | -6.68/-6.55 | -5.23/-3.71 | -2.94/-3.97 | -4.36/-3.40 | -2.13/-1.04 | 0.01/1.11 | 1.88/2.30 | 2.38/1.71 | 0.57/0.10 |
| Θ(165°) | -7.92/-10.03 | -11.74/-11.14 | -8.46/-6.99 | -6.68/-6.29 | -6.13/-5.69 | -4.92/-4.40 | -4.23/-3.54 | -2.21/-1.21 | -0.56/-0.31 | -0.22/-0.71 | -0.92/-0.82 | -0.66/-0.10 |
| Θ(172.5°) | -12.58/-13.67 | -13.47/-11.66 | -9.30/-7.95 | -7.68/-7.27 | -6.78/-6.05 | -5.25/-4.50 | -4.37/-4.70 | -5.41/-5.85 | -5.48/-4.89 | -4.72/-4.42 | -4.00/-4.15 | -5.37/-6.32 |
| Θ(180°) | -13.18/-14.37 | -15.45/-15.11 | -13.96/-13.23 | -13.68/-13.00 | -12.83/-13.30 | -13.93/-13.45 | -12.84/-11.43 | -10.46/-10.37 | -10.82/-11.33 | -12.00/-14.00 | -15.44/-15.54 | -15.24/-14.71 |
| Freq(Hz) | 5.6G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) |
| Θ(0°) | 2.87/2.87 | 2.70/2.65 | 2.72/2.39 | 1.95/1.75 | 1.82/1.80 | 1.57/1.24 | 1.03/1.03 | 1.40/1.31 | 0.87/0.80 | 0.88/1.02 | 0.96/1.20 | 1.49/1.60 |
| Θ(7.5°) | 1.89/1.94 | 1.82/1.87 | 2.05/1.99 | 1.53/1.49 | 1.80/1.95 | 1.92/2.10 | 2.37/2.20 | 2.60/2.95 | 3.13/3.33 | 3.47/3.70 | 3.73/3.36 | 2.90/2.66 |
| Θ(15°) | 2.95/3.04 | 2.90/2.85 | 2.61/1.77 | 0.96/0.68 | 0.60/0.31 | 0.22/0.29 | 0.29/0.49 | 1.16/1.85 | 2.21/2.64 | 3.11/2.98 | 2.62/2.47 | 2.32/1.58 |
| Θ(22.5°) | 3.15/3.57 | 3.46/3.15 | 2.56/1.43 | 1.03/0.70 | 0.01/-0.93 | -0.83/-0.06 | 0.94/1.61 | 1.70/1.90 | 1.82/1.20 | 0.49/0.82 | 1.06/0.48 | 0.58/0.01 |
| Θ(30°) | 1.59/1.94 | 2.09/2.26 | 1.54/1.58 | 1.43/1.09 | 0.78/0.43 | 0.15/-0.59 | -1.09/-1.43 | -1.01/0.46 | 1.36/0.74 | 0.01/0.16 | -0.21/0.80 | 1.11/1.04 |
| Θ(37.5°) | -1.06/-2.13 | -3.07/-3.48 | -1.70/0.92 | 2.51/2.91 | 3.19/2.59 | 0.44/-3.03 | -7.90/-12.01 | -12.47/-6.29 | -2.28/-0.29 | 1.13/1.64 | 1.66/1.78 | 2.55/2.10 |
| Θ(45°) | -1.07/-1.54 | -4.32/-5.10 | -3.04/-0.53 | 1.49/2.49 | 2.07/1.08 | -1.46/-4.06 | -6.60/-6.72 | -8.94/-12.73 | -8.16/-1.71 | 0.58/2.23 | 1.57/0.59 | 1.27/0.90 |
| Θ(52.5°) | 0.31/0.48 | -1.58/-3.59 | -7.84/-6.97 | -5.08/-1.75 | -0.61/-0.87 | -2.77/-6.32 | -8.05/-7.78 | -7.81/-8.09 | -7.98/-7.00 | -2.95/-0.57 | 0.40/1.08 | 1.72/1.21 |
| Θ(60°) | -1.01/-0.47 | -0.05/-2.11 | -5.79/-10.38 | -7.24/-4.66 | -2.59/-2.92 | -5.64/-7.06 | -5.16/-3.82 | -2.29/-2.75 | -3.41/-6.85 | -5.99/-1.59 | 0.86/1.89 | 2.03/2.21 |
| Θ(67.5°) | -2.09/-0.58 | 1.62/0.96 | -0.13/-1.14 | -1.26/-2.42 | -2.20/-4.00 | -6.69/-7.98 | -5.84/-4.70 | -3.64/-0.60 | 1.38/0.06 | -5.74/-6.54 | -1.27/1.01 | 2.08/2.69 |
| Θ(75°) | -2.64/-0.47 | 1.15/0.99 | 1.34/1.40 | 0.17/-1.44 | -4.62/-9.34 | -8.97/-7.36 | -5.91/-4.55 | -4.34/-2.45 | -0.13/0.69 | -0.02/-3.46 | -1.94/0.57 | 2.55/3.27 |
| Θ(82.5°) | -2.59/-1.29 | 0.50/1.93 | 0.74/-0.05 | -0.76/-3.45 | -5.86/-6.68 | -6.53/-6.84 | -7.16/-9.61 | -5.23/-5.55 | -2.60/-0.38 | -0.09/-0.16 | -0.73/-0.32 | 1.31/2.20 |
| Θ(90°) | -3.73/-3.75 | -1.01/1.04 | -1.33/-2.89 | -5.00/-5.41 | -3.74/-6.78 | -10.04/-4.96 | -1.70/-2.38 | -5.86/-6.21 | -5.42/-1.60 | 0.52/2.15 | 1.77/0.40 | 0.04/1.21 |
| Θ(97.5°) | -6.71/-4.83 | -3.32/-2.46 | -4.67/-6.36 | -6.24/-1.90 | -1.72/-9.26 | -12.32/-5.26 | -1.64/-0.90 | -2.12/-2.69 | -7.00/-3.82 | 0.60/2.77 | 3.41/2.63 | 2.88/2.61 |
| Θ(105°) | -9.16/-6.88 | -4.15/-4.16 | -7.47/-6.29 | -3.53/-3.44 | -2.50/-7.10 | -7.08/-6.43 | -3.77/-2.74 | -1.89/0.27 | -1.83/-5.74 | -1.85/1.65 | 4.13/3.75 | 3.62/3.89 |
| Θ(112.5°) | -10.03/-10.66 | -3.36/-13.06 | -9.22/-7.18 | -6.65/-6.23 | -4.77/-6.85 | -4.92/-7.87 | -8.52/-5.52 | -1.02/1.63 | 0.75/-1.40 | -3.74/-1.31 | 1.90/3.47 | 3.70/3.98 |
| Θ(120°) | -10.31/-12.18 | -7.66/-12.69 | -11.42/-11.87 | -8.15/-6.01 | -6.00/-6.04 | -8.59/-10.04 | -12.04/-3.12 | 0.71/2.42 | 2.49/1.08 | -1.54/-2.48 | -0.54/1.37 | 1.11/1.76 |
| Θ(127.5°) | -8.55/-6.52 | -4.94/-10.57 | -13.62/-11.28 | -9.19/-6.35 | -7.02/-7.24 | -8.44/-7.99 | -3.10/-1.72 | -0.22/1.95 | 3.01/3.21 | 3.14/1.91 | 1.36/0.46 | 0.55/-0.01 |
| Θ(135°) | -9.07/-13.40 | -7.63/-11.69 | -10.17/-7.78 | -9.52/-9.73 | -7.92/-7.67 | -8.74/-5.80 | -3.83/-1.99 | -0.23/1.54 | 3.26/4.24 | 3.77/3.40 | 3.06/1.22 | 1.02/0.55 |
| Θ(142.5°) | -10.09/-15.33 | -14.70/-13.29 | -13.31/-14.88 | -15.14/-11.07 | -9.00/-10.99 | -10.90/-9.90 | -5.11/-2.02 | 0.21/1.55 | 2.95/3.48 | 3.81/3.36 | 2.55/2.26 | 1.81/0.50 |
| Θ(150°) | -10.61/-10.93 | -12.51/-12.26 | -11.98/-12.48 | -11.12/-9.73 | -9.83/-7.68 | -4.71/-2.90 | -2.34/-1.22 | 0.39/1.47 | 1.91/2.71 | 2.97/3.28 | 3.23/3.08 | 2.20/0.61 |
| Θ(157.5°) | -7.48/-12.29 | -15.08/-10.10 | -8.43/-7.22 | -5.16/-4.87 | -4.87/-4.78 | -4.24/-2.91 | -2.27/-1.89 | -1.34/-0.27 | 0.59/0.63 | 0.83/1.61 | 2.01/2.03 | 1.18/0.25 |
| Θ(165°) | -10.44/-12.03 | -12.85/-11.81 | -9.98/-8.83 | -7.38/-6.55 | -6.26/-5.57 | -4.82/-3.58 | -3.08/-2.72 | -2.14/-1.06 | -0.23/0.19 | 0.73/1.03 | 0.73/-0.37 | -1.26/-1.07 |
| Θ(172.5°) | -15.22/-14.04 | -12.28/-10.87 | -10.83/-9.80 | -9.38/-9.70 | -10.18/-10.10 | -9.56/-8.78 | -8.68/-8.01 | -6.61/-5.59 | -5.23/-4.89 | -4.59/-4.34 | -4.16/-2.99 | -2.42/-2.65 |
| Θ(180°) | -12.43/-10.70 | -9.69/-9.60 | -10.12/-9.99 | -8.98/-8.39 | -7.60/-7.07 | -6.68/-6.57 | -6.64/-6.35 | -6.63/-6.89 | -6.57/-6.03 | -6.10/-5.87 | -5.60/-6.19 | -7.88/-10.30 |
| Freq(Hz) | 5.785G/Pol. | Total/Ant. 1 | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| 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°) |
| Θ(0°) | 2.73/2.80 | 2.77/2.61 | 2.58/2.53 | 2.64/2.71 | 2.68/2.72 | 2.90/2.86 | 2.78/2.91 | 2.85/2.84 | 2.86/2.77 | 2.66/2.39 | 2.39/2.52 | 2.57/2.30 |
| Θ(7.5°) | 1.79/1.91 | 1.80/1.42 | 1.26/1.29 | 1.30/1.15 | 0.94/1.06 | 1.30/1.49 | 1.80/2.27 | 2.38/2.69 | 2.64/2.52 | 2.82/3.10 | 2.91/2.62 | 2.48/2.34 |
| Θ(15°) | 2.76/2.61 | 1.85/1.15 | 0.80/0.31 | -0.02/-0.36 | -0.79/-1.17 | -1.31/-0.64 | -0.22/0.16 | 0.41/0.57 | 0.75/1.22 | 1.59/1.55 | 1.65/2.01 | 1.82/1.09 |

| Freq(Hz) | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Gain | Φ(180°)/Φ(187.5°) | Φ(195°)/Φ(202.5°) | Φ(210°)/Φ(217.5°) | Φ(225°)/Φ(232.5°) | Φ(240°)/Φ(247.5°) | Φ(255°)/Φ(262.5°) | Φ(270°)/Φ(277.5°) | Φ(285°)/Φ(292.5°) | Φ(300°)/Φ(307.5°) | Φ(315°)/Φ(322.5°) | Φ(330°)/Φ(337.5°) | Φ(345°)/Φ(352.5°) |
| Θ(0°) | -2.56/-2.76 | -3.11/-3.44 | -3.64/-3.95 | -3.91/-4.04 | -4.08/-4.49 | -4.04/-5.08 | -4.56/-4.86 | -4.69/-4.43 | -4.52/-4.49 | -4.57/-4.55 | -4.41/-4.18 | -3.96/-3.81 |
| Θ(7.5°) | -3.93/-4.11 | -4.42/-4.96 | -5.19/-5.69 | -5.70/-5.36 | -5.79/-4.84 | -5.29/-4.76 | -4.78/-4.54 | -4.47/-3.95 | -3.71/-3.42 | -3.26/-3.06 | -3.00/-2.84 | -2.70/-2.59 |
| Θ(15°) | -6.43/-4.60 | -5.46/-6.24 | -6.10/-6.33 | -6.00/-5.30 | -5.23/-4.39 | -4.33/-3.37 | -2.92/-2.49 | -1.87/-1.49 | -1.11/-1.24 | -1.47/-1.76 | -1.94/-1.83 | -1.68/-1.57 |
| Θ(22.5°) | -3.21/-4.85 | -6.81/-7.69 | -6.44/-5.32 | -3.91/-3.34 | -2.29/-1.98 | -1.01/-0.68 | -0.16/0.22 | 0.74/1.14 | 1.31/1.10 | 0.66/0.09 | -0.59/-0.94 | -1.12/-1.17 |
| Θ(30°) | -1.14/-2.82 | -5.33/-6.90 | -6.21/-4.71 | -3.09/-2.30 | -1.16/-0.52 | 0.15/0.41 | 0.55/0.90 | 1.28/1.82 | 2.18/2.25 | 1.94/1.22 | 0.42/-0.30 | -0.89/-1.38 |
| Θ(37.5°) | 0.18/-1.69 | -4.27/-6.00 | -6.00/-4.54 | -3.58/-2.79 | -1.83/-0.69 | -0.30/-0.08 | -0.12/-0.21 | -0.01/0.40 | 1.11/1.71 | 1.83/1.37 | 0.66/0.09 | -0.57/-1.30 |
| Θ(45°) | 0.83/-0.74 | -3.16/-5.57 | -6.68/-5.42 | -4.81/-4.05 | -3.18/-2.01 | -1.75/-1.87 | -2.11/-2.31 | -2.23/-1.76 | -0.97/-0.03 | 0.49/0.15 | -0.59/-0.67 | -0.58/-0.93 |
| Θ(52.5°) | 0.63/-0.91 | -3.22/-5.52 | -6.48/-5.73 | -5.42/-3.74 | -2.65/-1.93 | -2.10/-2.78 | -3.43/-3.89 | -3.79/-3.24 | -2.44/-1.81 | -1.88/-2.64 | -3.80/-2.88 | -1.48/-0.46 |
| Θ(60°) | 0.34/-1.24 | -2.34/-5.29 | -6.92/-6.19 | -5.58/-3.14 | -1.99/-1.79 | -2.10/-2.54 | -2.69/-2.40 | -2.16/-2.12 | -1.79/-1.57 | -1.95/-3.15 | -5.19/-4.96 | -3.09/-0.40 |
| Θ(67.5°) | -1.06/-1.94 | -3.46/-5.49 | -7.18/-7.23 | -5.97/-3.52 | -2.55/-2.93 | -3.12/-3.58 | -3.55/-3.21 | -3.02/-2.19 | -0.72/-0.39 | -1.38/-3.24 | -4.34/-4.21 | -4.17/-1.32 |
| Θ(75°) | -1.13/-1.02 | -1.58/-4.13 | -7.13/-8.27 | -12.41/-3.86 | -2.37/-2.39 | -3.09/-3.35 | -2.62/-1.77 | -1.86/-2.48 | -2.70/-2.64 | -3.07/-4.23 | -4.89/-4.95 | -3.37/-1.64 |
| Θ(82.5°) | -0.44/-1.37 | -3.98/-7.75 | -8.59/-6.11 | -4.42/-2.57 | -1.75/-1.98 | -2.46/-2.19 | -1.27/-1.14 | -2.27/-2.93 | -1.81/-1.38 | -2.80/-4.01 | -1.99/-1.06 | -2.73/-2.60 |
| Θ(90°) | -1.77/-1.50 | -3.15/-4.29 | -3.80/-3.91 | -6.48/-2.76 | -2.19/-2.11 | -2.62/-2.85 | -2.21/-1.89 | -2.77/-3.79 | -3.51/-2.94 | -3.88/-5.22 | -3.58/-2.53 | -2.43/-2.88 |
| Θ(97.5°) | 1.08/0.54 | -0.64/-0.25 | -0.60/-3.13 | -6.02/-2.77 | -1.02/0.81 | -1.14/-3.76 | -4.05/-4.17 | -6.97/-8.66 | -3.87/-2.50 | -4.29/-5.51 | -2.42/-1.47 | -2.86/-3.42 |
| Θ(105°) | 1.75/1.53 | -0.29/0.03 | 0.88/-1.66 | -6.49/-1.36 | 1.19/0.81 | -1.31/-3.72 | -5.04/-6.06 | -8.79/-11.99 | -7.42/-5.26 | -6.24/-8.16 | -5.72/-3.92 | -3.55/-3.96 |
| Θ(112.5°) | 2.19/1.04 | 0.99/2.03 | 1.60/-1.80 | -4.71/-1.30 | 0.31/-0.47 | -2.86/-2.89 | -3.69/-3.57 | -3.01/-2.09 | -1.05/-0.81 | -3.12/-8.98 | -7.54/-5.11 | -6.36/-5.05 |
| Θ(120°) | 2.24/0.84 | 0.69/1.96 | 2.15/-0.97 | -4.67/-4.13 | -2.39/-2.36 | -2.92/-3.34 | -4.26/-5.12 | -5.85/-5.43 | -4.71/-4.24 | -5.27/-8.11 | -9.31/-8.30 | -9.21/-9.38 |
| Θ(127.5°) | 0.74/0.04 | 1.34/1.77 | 0.53/-2.82 | -3.89/-2.07 | -1.14/-1.41 | -2.36/-4.33 | -5.58/-7.04 | -4.46/-2.58 | -2.31/-3.78 | -7.43/-14.55 | -9.43/-5.44 | -5.06/-7.66 |
| Θ(135°) | 0.02/-1.78 | 1.39/2.75 | 2.17/1.14 | -0.94/-2.12 | -2.22/-2.20 | -3.20/-5.63 | -10.72/-11.26 | -5.70/-3.10 | -2.68/-4.00 | -7.70/-12.99 | -8.73/-5.39 | -4.39/-6.40 |
| Θ(142.5°) | -1.80/-0.11 | 0.94/2.72 | 2.79/1.93 | 0.37/-1.69 | -3.12/-3.95 | -5.07/-6.74 | -9.05/-9.56 | -6.75/-4.78 | -4.31/-4.70 | -5.67/-6.61 | -6.27/-4.78 | -4.32/-5.69 |
| Θ(150°) | -1.63/-0.38 | 0.76/1.55 | 1.62/0.60 | -0.40/-2.28 | -4.25/-6.34 | -8.15/-10.45 | -12.58/-13.00 | -12.54/-10.50 | -8.94/-8.40 | -7.85/-7.44 | -6.74/-6.14 | -6.02/-4.79 |
| Θ(157.5°) | -1.95/-0.84 | -0.52/-0.50 | -0.73/-1.36 | -1.97/-2.04 | -3.19/-4.18 | -6.09/-7.07 | -6.44/-6.11 | -5.83/-5.93 | -5.91/-5.57 | -5.05/-4.36 | -4.19/-4.38 | -4.73/-5.06 |
| Θ(165°) | -4.53/-2.88 | -2.56/-2.58 | -2.45/-2.95 | -3.24/-3.89 | -3.98/-4.98 | -5.59/-6.79 | -6.36/-5.96 | -5.80/-5.87 | -5.94/-6.16 | -6.32/-6.61 | -6.79/-6.86 | -6.87/-7.27 |
| Θ(172.5°) | -7.06/-6.81 | -6.54/-6.90 | -6.93/-7.24 | -7.43/-7.85 | -8.08/-7.46 | -7.95/-7.06 | -7.35/-6.95 | -6.79/-7.62 | -8.70/-10.14 | -11.20/-11.55 | -11.50/-11.17 | -11.29/-11.77 |
| Θ(180°) | -14.53/-13.28 | -12.36/-12.42 | -12.46/-12.42 | -13.51/-12.74 | -14.33/-13.88 | -12.43/-12.97 | -11.62/-12.21 | -12.44/-13.50 | -15.39/-14.63 | -15.33/-14.82 | -15.57/-15.03 | -15.34/-15.08 |
| Freq(Hz) | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | 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°) | -0.61/-0.69 | -0.82/-0.57 | -0.16/-0.14 | -0.31/-0.40 | -0.57/-0.56 | -0.54/-0.76 | -0.82/-0.79 | -0.22/0.13 | 0.02/-0.13 | 0.19/0.54 | 0.58/0.37 | 0.23/0.27 |
| Θ(7.5°) | 0.46/0.73 | 1.01/1.19 | 1.39/1.47 | 1.46/1.43 | 1.68/1.46 | 1.08/0.88 | 0.90/0.51 | 0.22/0.32 | 0.68/0.97 | 0.84/0.69 | 0.72/0.68 | 0.40/-0.03 |
| Θ(15°) | 1.85/1.98 | 2.15/2.16 | 2.11/2.02 | 2.15/2.16 | 2.05/2.14 | 2.14/2.21 | 2.12/1.85 | 1.61/1.46 | 1.52/1.70 | 1.77/1.79 | 1.86/1.65 | 1.24/0.84 |
| Θ(22.5°) | 2.97/3.06 | 2.45/1.99 | 2.19/2.39 | 2.29/2.31 | 2.00/1.87 | 1.40/1.43 | 1.46/1.34 | 1.29/1.42 | 1.63/1.79 | 1.87/1.91 | 1.92/1.76 | 1.33/1.04 |
| Θ(30°) | 2.61/2.84 | 2.86/2.98 | 3.34/3.46 | 3.17/2.73 | 2.59/2.20 | 1.94/2.14 | 2.01/1.69 | 1.56/1.74 | 2.21/2.29 | 1.68/1.41 | 1.08/0.44 | -0.36/-0.62 |
| Θ(37.5°) | 2.38/2.72 | 3.02/2.73 | 1.98/1.78 | 1.28/0.63 | 0.76/0.99 | 1.37/1.40 | 0.95/0.23 | -0.53/-1.00 | -0.55/0.64 | 0.87/0.14 | -0.23/-1.71 | -4.35/-4.60 |
| Θ(45°) | 2.96/2.95 | 2.62/2.75 | 2.68/2.19 | 1.19/-1.38 | -2.86/-2.62 | -2.18/-2.47 | -3.45/-3.84 | -3.25/-2.30 | -1.82/-1.30 | -0.62/-1.24 | -2.32/-2.94 | -3.94/-4.80 |
| Θ(52.5°) | 3.65/4.67 | 4.85/4.74 | 2.60/1.27 | 0.32/-3.37 | -3.66/-1.88 | -2.13/-3.15 | -4.02/-3.32 | -1.35/-1.12 | -2.98/-4.03 | -4.21/-4.33 | -3.90/-2.92 | -2.49/-2.36 |
| Θ(60°) | 2.85/3.07 | 2.72/1.92 | -0.59/-0.35 | -0.14/-3.25 | -3.27/-3.70 | -5.96/-7.74 | -8.04/-6.93 | -4.61/-3.00 | -4.18/-4.15 | -3.66/-5.96 | -5.36/-3.16 | -3.16/-0.36 |
| Θ(67.5°) | 1.59/2.14 | 3.29/2.73 | 0.32/0.29 | -0.97/-3.24 | -4.80/-8.37 | -8.81/-8.44 | -9.19/-12.12 | -14.64/-11.45 | -10.56/-5.83 | -2.04/-3.97 | -6.98/-4.21 | -2.95/-2.11 |
| Θ(75°) | 1.50/0.59 | -0.06/-0.66 | -1.23/-0.66 | -1.76/-1.91 | -4.27/-8.86 | -4.47/-1.81 | -3.72/-5.41 | -7.78/-12.09 | -11.81/-7.04 | -3.25/-4.34 | -6.25/-4.82 | -4.45/-5.05 |
| Θ(82.5°) | 0.36/1.16 | 1.99/1.27 | -0.31/-0.70 | -1.54/-0.44 | -3.89/-7.08 | -2.84/-2.96 | -2.84/-1.79 | -4.78/-9.84 | -4.70/-6.13 | -3.71/-4.82 | -6.78/-5.22 | -3.58/-4.96 |
| Θ(90°) | 1.03/1.11 | 1.30/1.45 | 1.33/0.60 | -3.74/-3.30 | -5.15/-5.95 | -3.76/-4.58 | -4.53/-3.35 | -6.16/-11.41 | -2.80/-5.16 | -3.88/-4.32 | -6.67/-3.66 | -1.98/-4.53 |
| Θ(97.5°) | 2.75/2.62 | 2.10/0.70 | 0.31/-0.68 | -5.23/-4.98 | -5.70/-6.25 | -5.62/-13.89 | -7.29/-1.77 | -8.11/-5.73 | -1.08/-3.42 | -4.05/-4.36 | -4.35/-2.43 | -1.77/-6.22 |
| Θ(105°) | 3.74/3.04 | 2.16/2.18 | 0.19/-1.90 | -14.45/-5.01 | -2.30/-0.50 | -3.78/-9.27 | -7.61/-4.13 | -5.52/-1.58 | -1.24/-2.85 | -5.96/-4.98 | -1.69/-2.86 | -5.80/-4.37 |
| Θ(112.5°) | 2.56/0.56 | 0.88/-1.85 | -3.00/-2.84 | -5.57/-5.77 | -5.02/-1.90 | -3.32/-6.57 | -9.14/-10.67 | -5.20/-2.24 | -6.50/-5.56 | -6.01/-9.78 | -6.29/-5.78 | -5.94/-5.34 |
| Θ(120°) | 1.38/-1.45 | -1.20/-5.61 | -1.32/-1.38 | -2.94/-6.60 | -8.35/-4.10 | -3.21/-10.48 | -7.60/-13.32 | -10.92/-6.04 | -7.90/-6.39 | -9.65/-8.04 | -6.87/-8.96 | -13.99/-10.79 |
| Θ(127.5°) | 0.57/0.42 | 1.25/-1.18 | 0.84/0.13 | -2.97/-6.91 | -9.03/-5.62 | -3.88/-4.15 | -4.82/-8.72 | -13.66/-13.19 | -10.28/-7.61 | -11.17/-15.00 | -11.52/-14.38 | -13.42/-11.84 |
| Θ(135°) | 0.45/-1.96 | -1.79/-2.55 | -1.91/-2.07 | -3.89/-3.84 | -6.64/-8.72 | -14.70/-12.23 | -10.32/-9.49 | -10.85/-11.68 | -15.33/-11.42 | -9.71/-10.55 | -12.39/-14.77 | -11.74/-11.71 |
| Θ(142.5°) | 1.39/-0.02 | -0.50/-2.22 | -2.91/-4.46 | -6.23/-5.92 | -4.25/-5.06 | -6.58/-5.11 | -7.06/-11.20 | -11.49/-8.19 | -6.34/-8.22 | -13.05/-15.15 | -15.02/-13.99 | -14.99/-13.81 |
| Θ(150°) | 0.48/-0.59 | -1.08/0.24 | 0.89/-0.32 | -0.64/-0.31 | -0.48/-1.70 | -2.81/-3.38 | -4.63/-8.04 | -11.54/-11.49 | -10.36/-10.44 | -13.06/-15.74 | -13.57/-11.14 | -11.04/-12.55 |
| Θ(157.5°) | 0.03/-0.48 | -0.38/0.11 | 0.64/1.06 | 0.73/-0.41 | -1.81/-3.87 | -6.39/-10.60 | -15.14/-13.51 | -12.10/-11.34 | -11.20/-11.81 | -12.28/-13.69 | -15.63/-14.71 | -14.88/-13.58 |
| Θ(165°) | -0.75/-0.97 | -1.50/-1.31 | -1.19/-1.78 | -3.01/-4.37 | -5.31/-5.50 | -5.03/-5.48 | -6.46/-7.57 | -9.26/-10.38 | -10.91/-11.41 | -12.97/-14.19 | -15.42/-14.86 | -13.97/-12.57 |
| Θ(172.5°) | -6.72/-6.34 | -5.81/-5.08 | -4.86/-5.15 | -5.94/-6.52 | -7.04/-7.45 | -7.70/-8.45 | -8.75/-8.75 | -8.77/-8.85 | -9.21/-10.58 | -11.70/-12.78 | -13.61/-14.55 | -15.80/-15.23 |
| Θ(180°) | -13.63/-11.55 | -10.38/-9.59 | -8.81/-8.15 | -8.36/-8.98 | -10.20/-10.02 | -13.03/-15.83 | -14.91/-15.76 | -13.08/-11.71 | -11.88/-11.99 | -11.09/-10.20 | -9.88/-10.43 | -10.10/-9.34 |
| Freq(Hz) | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | 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°) | 0.71/0.66 | 0.72/0.72 | 0.33/-0.06 | -0.04/0.32 | 0.68/0.82 | 0.40/-0.45 | -0.43/0.21 | 0.41/0.57 | 1.17/1.55 | 1.50/1.42 | 1.38/1.34 | 1.24/1.25 |
| Θ(7.5°) | 1.52/1.56 | 1.56/1.39 | 1.08/0.64 | 0.35/0.18 | 0.59/0.24 | 0.54/0.27 | 0.35/0.41 | 0.48/0.63 | 0.51/0.54 | 0.84/1.17 | 0.84/0.61 | 0.64/0.68 |
| Θ(15°) | 2.46/2.34 | 2.24/2.08 | 1.68/1.36 | 1.30/1.28 | 1.53/2.00 | 2.37/2.12 | 1.96/2.21 | 2.73/2.98 | 2.73/2.72 | 3.15/3.34 | 3.08/2.62 | 2.35/1.73 |
| Θ(22.5°) | 3.21/3.03 | 2.42/1.83 | 1.35/1.09 | 1.32/1.65 | 1.49/1.94 | 2.14/2.27 | 2.27/2.13 | 2.36/2.64 | 2.75/2.95 | 3.10/3.20 | 3.44/3.31 | 3.22/2.47 |
| Θ(30°) | 3.03/3.09 | 2.33/2.05 | 2.39/2.82 | 2.73/2.38 | 1.82/1.61 | 1.81/1.84 | 1.80/2.12 | 2.75/3.52 | 3.96/3.81 | 3.45/2.78 | 2.26/1.73 | 1.61/1.14 |
| Θ(37.5°) | 2.98/3.22 | 2.98/2.40 | 2.73/3.11 | 2.98/2.34 | 1.47/1.18 | 1.89/1.77 | 0.89/0.05 | -0.30/0.06 | 1.14/1.96 | 1.72/1.13 | -0.17/-3.15 | -4.73/-3.54 |
| Θ(45°) | 2.87/3.19 | 3.17/1.96 | 1.97/2.84 | 2.66/0.82 | -1.42/-1.99 | -1.16/-0.68 | -1.16/-2.51 | -3.39/-2.84 | -1.58/0.15 | 0.00/-2.66 | -4.26/-5.18 | -7.65/-10.31 |
| Θ(52.5°) | 3.54/4.13 | 4.64/5.10 | 4.01/3.09 | 2.28/-0.26 | -3.83/-3.89 | -2.61/-3.79 | -5.45/-5.79 | -4.56/-3.71 | -3.48/-4.19 | -3.90/-4.29 | -5.09/-5.87 | -3.77/-2.62 |
| Θ(60°) | 3.17/3.05 | 3.10/2.59 | 0.07/0.83 | 1.67/-0.24 | -3.54/-3.47 | -5.53/-8.50 | -12.19/-12.55 | -9.15/-6.25 | -6.57/-6.41 | -4.99/-4.85 | -4.03/-3.03 | -1.89/-0.04 |
| Θ(67.5°) | 1.94/1.58 | 2.93/2.80 | 1.05/1.28 | 1.24/-3.09 | -4.15/-8.88 | -11.22/-8.57 | -7.43/-11.85 | -11.70/-13.97 | -10.18/-7.14 | -3.28/-3.76 | -4.07/-2.83 | -1.89/-0.50 |
| Θ(75°) | 2.16/1.40 | 0.98/-0.70 | -0.95/0.57 | -0.11/-1.74 | -2.35/-7.53 | -8.00/-3.92 | -5.45/-4.79 | -4.75/-7.12 | -6.98/-4.95 | -2.34/-3.64 | -5.38/-3.29 | -3.26/-2.44 |
| Θ(82.5°) | -0.34/1.56 | 1.33/1.85 | 1.24/1.79 | -2.02/-1.31 | -4.05/-5.82 | -4.06/-6.61 | -2.70/-0.83 | -2.68/-5.44 | -2.79/-4.20 | -2.68/-3.35 | -6.32/-4.54 | -3.42/-4.03 |
| Θ(90°) | 0.49/1.96 | 1.12/1.91 | 1.14/2.00 | -1.87/-1.54 | -4.15/-6.23 | -6.03/-6.07 | -4.57/-2.44 | -3.91/-7.24 | -1.70/-3.00 | -3.09/-3.88 | -5.58/-4.06 | -2.25/-4.54 |
| Θ(97.5°) | 2.84/2.62 | 2.30/1.05 | 0.58/0.55 | -3.95/-3.82 | -5.30/-4.53 | -5.74/-14.48 | -6.78/-1.84 | -6.94/-4.49 | -0.12/-1.23 | -2.63/-4.42 | -4.38/-2.86 | -2.64/-5.10 |
| Θ(105°) | 3.33/3.45 | 2.72/2.40 | 0.49/0.50 | -9.51/-9.64 | -5.37/-2.17 | -5.09/-11.39 | -9.36/-5.65 | -6.02/-1.06 | 0.13/-1.45 | -5.26/-4.01 | -2.42/-3.63 | -4.26/-3.07 |
| Θ(112.5°) | 1.69/1.26 | 0.98/-0.09 | -4.83/-2.80 | -5.53/-4.58 | -9.61/-3.93 | -6.07/-8.98 | -9.98/-12.37 | -6.11/-2.06 | -5.34/-5.57 | -6.92/-10.69 | -7.68/-3.68 | -5.12/-5.22 |
| Θ(120°) | 0.44/-0.49 | -1.86/-5.02 | -1.92/-0.13 | -3.46/-4.09 | -9.98/-6.92 | -4.25/-11.37 | -6.76/-11.27 | -9.73/-5.85 | -7.06/-7.20 | -10.03/-7.87 | -8.18/-8.92 | -13.44/-9.32 |
| Θ(127.5°) | 0.45/0.45 | 2.28/0.45 | 1.70/1.13 | -2.83/-5.55 | -6.99/-5.55 | -4.19/-4.23 | -4.73/-10.48 | -15.58/-11.99 | -7.59/-9.06 | -11.90/-15.82 | -10.60/-14.04 | -14.97/-14.34 |
| Θ(135°) | 0.93/-1.12 | -0.25/-1.68 | -1.89/-1.11 | -3.43/-4.02 | -7.16/-6.66 | -13.68/-14.56 | -12.55/-10.96 | -9.29/-10.58 | -15.42/-12.85 | -11.05/-10.34 | -11.36/-12.93 | -10.75/-10.91 |
| Θ(142.5°) | 1.61/0.74 | 0.23/-1.87 | -2.37/-3.09 | -6.22/-9.30 | -6.43/-4.48 | -6.13/-5.02 | -7.17/-12.23 | -13.18/-8.44 | -6.13/-7.54 | -10.87/-15.54 | -15.32/-14.70 | -15.27/-12.26 |
| Θ(150°) | 0.04/0.16 | 0.22/0.45 | 1.09/0.10 | -0.83/-0.89 | -1.18/-1.63 | -2.90/-4.08 | -5.30/-8.48 | -10.30/-8.65 | -8.54/-10.95 | -14.96/-14.49 | -13.79/-10.62 | -9.70/-12.08 |
| Θ(157.5°) | 0.80/0.78 | 0.26/0.65 | 1.25/1.22 | 0.54/-0.74 | -2.91/-4.57 | -6.07/-9.11 | -11.66/-9.67 | -8.82/-8.85 | -9.64/-10.59 | -11.97/-12.95 | -14.70/-14.35 | -13.93/-13.34 |
| Θ(165°) | 0.14/-0.25 | -1.34/-1.68 | -1.30/-1.64 | -3.05/-4.96 | -4.94/-4.01 | -3.50/-3.55 | -4.64/-6.80 | -10.32/-13.69 | -13.10/-12.02 | -12.65/-11.55 | -14.39/-13.06 | -12.31/-10.45 |
| Θ(172.5°) | -7.11/-7.93 | -7.37/-5.79 | -5.02/-4.42 | -4.53/-4.71 | -5.06/-4.98 | -6.14/-7.59 | -7.79/-7.85 | -9.90/-13.13 | -14.00/-12.83 | -12.57/-13.08 | -15.54/-14.66 | -15.29/-14.73 |
| Θ(180°) | -14.25/-13.41 | -10.16/-8.33 | -6.81/-6.02 | -6.01/-6.76 | -6.91/-8.24 | -10.47/-14.41 | -15.20/-15.77 | -13.39/-10.61 | -8.57/-8.50 | -10.15/-10.75 | -10.39/-9.87 | -9.42/-9.71 |
| Freq(Hz) | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | 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°) | 1.83/2.20 | 2.44/2.40 | 2.48/2.58 | 2.68/2.68 | 2.51/1.97 | 2.63/3.47 | 3.73/3.09 | 2.46/2.42 | 3.29/3.80 | 3.43/2.95 | 3.06/3.24 | 3.09/2.92 |
| Θ(7.5°) | 2.70/2.70 | 2.62/2.54 | 2.46/2.46 | 2.32/1.97 | 1.88/2.09 | 1.95/2.42 | 2.70/2.41 | 1.82/1.09 | 1.09/1.66 | 2.05/1.59 | 1.20/1.50 | 2.11/2.22 |
| Θ(15°) | 0.91/1.27 | 2.10/2.45 | 2.27/1.81 | 1.33/1.02 | 0.25/-0.10 | -0.01/1.02 | 1.65/1.89 | 1.85/1.58 | 1.37/1.34 | 1.38/1.05 | 0.76/0.30 | 0.83/1.56 |
| Θ(22.5°) | -1.26/-1.24 | 0.00/0.95 | 1.29/0.44 | -1.10/-2.20 | -1.33/-0.09 | 0.22/0.45 | 0.82/1.42 | 1.98/2.20 | 2.82/3.38 | 3.87/4.27 | 4.09/3.26 | 2.19/2.13 |
| Θ(30°) | -0.73/-1.67 | -1.36/-0.26 | -0.23/-1.67 | -2.88/-3.57 | -2.51/-1.92 | -0.94/0.24 | 1.15/1.43 | 1.04/0.49 | 0.43/1.32 | 2.51/3.62 | 4.52/4.93 | 4.22/3.27 |
| Θ(37.5°) | 1.01/0.48 | -0.47/0.74 | 0.96/-1.45 | -3.25/-2.10 | -1.79/-1.35 | -0.50/-0.22 | -0.61/-0.75 | -0.44/1.14 | 2.52/3.08 | 2.84/2.64 | 2.04/2.25 | 1.76/1.55 |
| Θ(45°) | 0.77/0.92 | -0.35/0.04 | 1.62/-0.53 | -1.84/-0.85 | -0.67/-1.57 | -2.04/-2.20 | -4.26/-6.23 | -6.87/-4.94 | -1.08/0.94 | 1.83/2.35 | 1.44/-1.23 | -2.06/-1.32 |
| Θ(52.5°) | 1.59/1.09 | -0.05/0.33 | 1.54/-0.14 | -0.25/0.28 | -2.57/-6.93 | -7.04/-8.65 | -9.18/-6.98 | -5.99/-4.80 | -3.73/-1.81 | -1.48/-3.82 | -3.94/-3.64 | -2.23/-1.06 |
| Θ(60°) | 1.58/2.31 | 2.17/2.27 | 2.62/-1.40 | 0.23/0.51 | -4.41/-9.88 | -9.25/-9.45 | -12.15/-15.48 | -10.11/-5.56 | -4.05/-4.29 | -4.79/-5.11 | -4.50/-5.90 | -2.90/-0.83 |
| Θ(67.5°) | 2.98/3.38 | 2.04/1.14 | -0.49/-1.64 | 0.88/-1.86 | -4.01/-6.44 | -10.73/-11.83 | -10.30/-11.58 | -13.68/-11.63 | -7.08/-4.54 | -4.33/-6.96 | -4.34/-3.86 | -1.45/0.18 |
| Θ(75°) | 3.29/3.10 | 3.53/1.98 | -1.81/-2.00 | 0.00/-2.16 | -0.85/-5.44 | -11.84/-14.30 | -8.33/-6.97 | -9.82/-8.25 | -5.72/-5.56 | -4.92/-4.85 | -3.95/-3.32 | -2.81/-1.36 |
| Θ(82.5°) | 2.65/0.81 | 2.36/0.62 | 1.64/2.08 | -0.01/0.02 | 1.20/-3.22 | -7.89/-8.70 | -2.66/-2.21 | -2.82/-2.02 | -1.73/-3.80 | -6.51/-9.88 | -7.05/-3.39 | -1.83/-3.07 |
| Θ(90°) | 2.95/1.19 | 3.28/0.50 | 2.02/1.80 | -1.18/-0.85 | 0.30/-3.34 | -5.51/-4.80 | -2.56/-1.79 | -3.48/-3.17 | -0.40/-1.81 | -3.94/-8.33 | -8.01/-3.87 | -3.17/-2.40 |
| Θ(97.5°) | 2.45/2.51 | 3.27/3.74 | 0.78/1.72 | -3.98/-3.87 | -2.89/-2.99 | -2.04/-4.21 | -4.77/-2.24 | -4.56/-3.96 | -0.80/-1.14 | -4.69/-6.91 | -3.66/-2.11 | -3.51/-3.00 |
| Θ(105°) | 4.35/2.52 | 2.54/3.10 | 0.40/0.97 | -3.35/-6.99 | -3.00/-1.85 | -0.82/-3.32 | -5.37/-6.38 | -6.45/-2.85 | -1.77/-3.04 | -6.63/-5.89 | -5.63/-2.57 | -3.33/-3.64 |
| Θ(112.5°) | 3.10/1.69 | 1.27/1.99 | -2.77/-0.95 | -4.45/-3.02 | -3.81/-3.05 | -3.84/-4.64 | -9.21/-11.81 | -6.31/-3.79 | -5.15/-6.66 | -9.35/-6.75 | -4.16/-3.76 | -8.24/-6.44 |
| Θ(120°) | 1.24/0.35 | -1.63/-1.22 | -3.86/0.99 | -3.81/-4.00 | -5.61/-4.74 | -4.68/-6.75 | -15.24/-14.51 | -14.80/-6.92 | -3.61/-12.22 | -7.67/-9.06 | -5.88/-9.17 | -15.48/-9.93 |
| Θ(127.5°) | 0.76/-0.63 | 0.36/0.52 | -0.18/1.01 | -3.01/-6.69 | -8.04/-4.08 | -4.75/-4.09 | -5.48/-10.28 | -14.62/-11.77 | -6.54/-8.04 | -13.40/-15.67 | -9.90/-15.04 | -12.76/-14.65 |
| Θ(135°) | 0.79/0.87 | -1.69/-1.82 | -4.04/-2.83 | -2.72/-1.72 | -3.54/-7.76 | -9.00/-14.80 | -14.99/-10.59 | -10.94/-9.66 | -12.33/-13.02 | -9.95/-9.27 | -10.81/-11.41 | -7.31/-13.51 |
| Θ(142.5°) | 1.07/0.29 | -2.47/-2.85 | -3.10/-5.18 | -9.64/-6.10 | -6.68/-4.95 | -6.28/-7.03 | -6.80/-9.34 | -12.16/-12.08 | -6.53/-6.39 | -9.98/-15.39 | -9.80/-8.57 | -13.53/-13.55 |
| Θ(150°) | -0.61/-2.21 | -4.16/-2.23 | 0.44/1.03 | -0.62/-2.34 | -2.56/-2.52 | -4.04/-6.67 | -7.63/-9.75 | -13.24/-10.04 | -9.39/-10.03 | -9.50/-10.17 | -9.61/-9.89 | -10.80/-15.39 |
| Θ(157.5°) | -0.44/0.14 | -0.39/-1.13 | -0.24/0.75 | -0.12/-1.44 | -2.59/-3.66 | -5.12/-8.88 | -11.75/-13.99 | -11.22/-7.69 | -7.53/-7.75 | -8.64/-12.21 | -13.97/-13.38 | -11.07/-9.14 |
| Θ(165°) | -0.70/-0.55 | -1.35/-2.60 | -2.76/-2.40 | -2.83/-4.53 | -6.07/-7.91 | -7.41/-6.82 | -6.71/-7.23 | -8.08/-9.32 | -9.91/-10.78 | -13.11/-11.71 | -9.49/-9.71 | -9.35/-9.80 |
| Θ(172.5°) | -3.90/-5.27 | -6.79/-8.30 | -9.51/-9.20 | -6.92/-6.15 | -6.30/-6.48 | -7.04/-9.52 | -11.61/-13.75 | -15.10/-15.00 | -14.08/-12.28 | -11.32/-13.35 | -14.19/-13.65 | -14.03/-15.02 |
| Θ(180°) | -13.62/-15.79 | -14.66/-15.71 | -13.75/-11.00 | -9.44/-9.04 | -7.52/-7.74 | -9.89/-13.08 | -15.92/-15.45 | -15.07/-15.37 | -14.92/-13.18 | -12.98/-11.81 | -11.25/-11.72 | -12.37/-13.84 |
| Freq(Hz) | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- | -/- |
| Gain | Φ(180°)/Φ(187.5°) | Φ(195°)/Φ(202.5°) | Φ(210°)/Φ(217.5°) | Φ(225°)/Φ(232.5°) | Φ(240°)/Φ(247.5°) | Φ(255°)/Φ(262.5°) | Φ(270°)/Φ(277.5°) | Φ(285°)/Φ(292.5°) | Φ(300°)/Φ(307.5°) | Φ(315°)/Φ(322.5°) | Φ(330°)/Φ(337.5°) | Φ(345°)/Φ(352.5°) |
| Θ(0°) | 2.33/2.51 | 2.67/2.60 | 2.65/2.82 | 3.06/3.18 | 2.94/3.05 | 2.24/2.18 | 2.65/2.88 | 1.95/1.80 | 2.55/2.84 | 2.60/2.46 | 2.54/2.64 | 2.39/2.17 |
| Θ(7.5°) | 2.15/1.95 | 1.98/2.09 | 2.09/2.07 | 2.15/2.53 | 2.75/2.64 | 2.87/2.62 | 2.99/3.07 | 2.66/2.42 | 2.48/2.96 | 3.11/2.93 | 2.67/2.71 | 2.51/2.20 |
| Θ(15°) | 0.58/0.49 | 0.21/0.13 | 0.47/0.79 | 1.19/1.13 | 0.97/0.41 | 0.54/0.23 | 0.55/0.81 | 0.85/0.39 | 0.02/0.49 | 0.83/1.06 | 1.16/1.71 | 1.79/1.73 |

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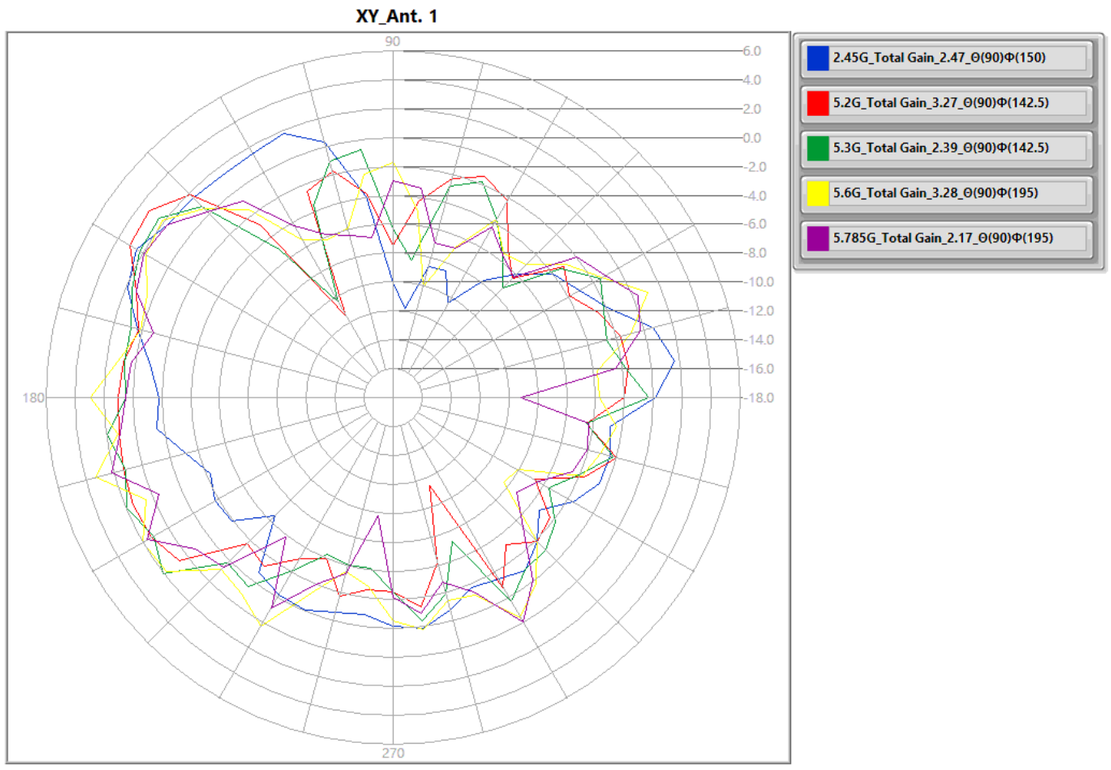
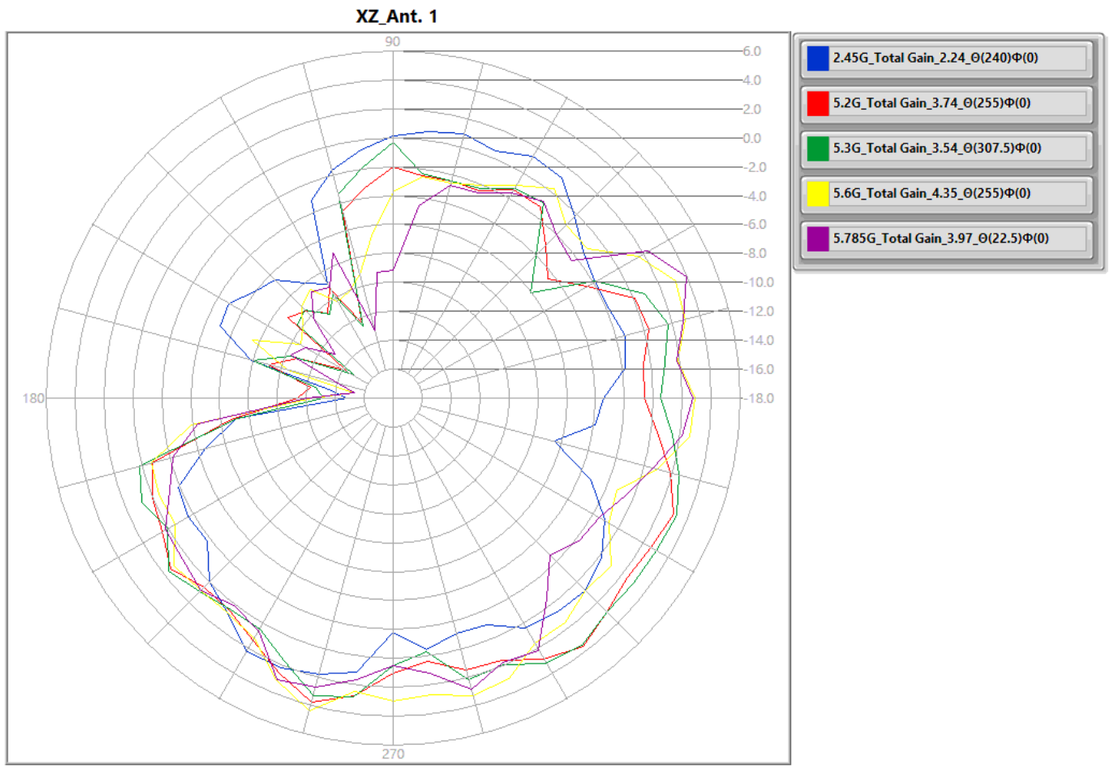
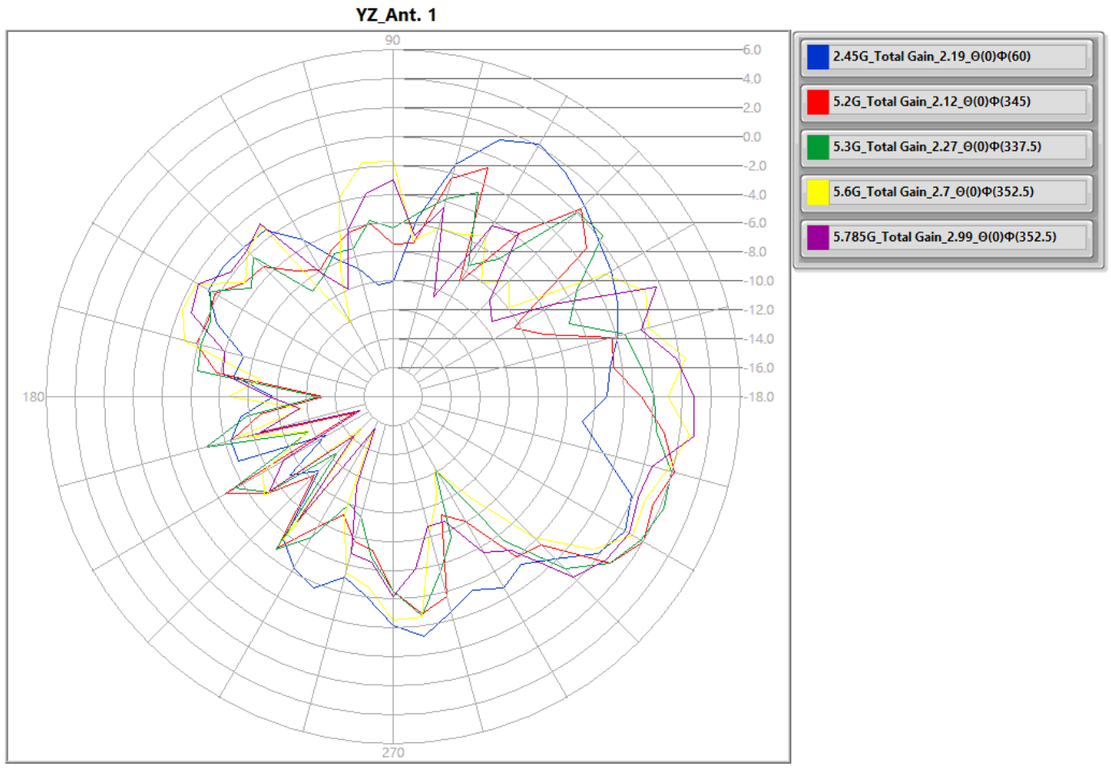
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Θ(22.5°) | 3.97/3.53 | 2.92/2.30 | 1.89/1.47 | 0.94/-0.22 | -1.27/-1.20 | -0.22/0.86 | 1.71/2.42 | 2.77/2.69 | 2.39/2.01 | 1.35/0.29 | -0.58/-0.25 | 0.34/-0.01 | -0.56/-1.70 | -2.07/-1.32 | -0.37/0.11 | 0.11/-0.20 | -1.86/-2.57 | -1.50/-0.54 | 0.30/1.20 | 2.01/2.30 | 2.05/2.14 | 2.77/3.06 | 2.73/2.45 | 2.76/3.17 |
| Θ(30°) | 2.36/2.22 | 1.63/1.55 | 2.16/1.84 | 1.51/0.55 | -0.47/-1.48 | -1.80/-3.15 | -5.19/-5.21 | -2.99/-0.34 | 1.01/1.28 | 1.29/0.30 | -1.10/-2.13 | -1.64/-1.32 | -1.50/-1.85 | -2.10/-2.31 | -1.94/-1.73 | -2.94/-3.42 | -4.56/-2.35 | -0.43/0.57 | 0.89/1.22 | 1.32/0.91 | 0.58/1.00 | 2.07/3.44 | 4.24/3.96 | 3.42/3.24 |
| Θ(37.5°) | -2.41/-3.43 | -3.06/-1.79 | 0.52/1.69 | 1.96/2.21 | 1.59/-0.11 | -3.39/-8.95 | -9.43/-8.23 | -6.33/-3.65 | -1.86/-0.16 | 0.44/1.05 | -0.22/-1.68 | -1.47/-1.29 | -1.82/-1.10 | -1.88/-6.09 | -3.83/-1.38 | -1.47/-2.51 | -2.69/-2.16 | -1.88/-0.50 | 0.59/0.88 | 0.48/-0.04 | 1.01/2.20 | 2.57/2.23 | 2.82/2.91 | 2.52/1.77 |
| Θ(45°) | -2.04/-4.68 | -8.49/-5.33 | -1.61/0.43 | 0.61/1.39 | 0.73/-1.70 | -4.83/-9.26 | -8.50/-6.47 | -6.86/-9.70 | -7.56/-3.61 | -1.01/0.81 | 1.04/-0.74 | -2.10/-1.60 | -2.68/-1.84 | -0.50/-1.65 | -0.93/0.37 | -1.34/-2.24 | -1.19/-1.34 | -0.86/-0.07 | -0.38/-2.48 | -5.34/-5.49 | -2.04/0.77 | 1.97/2.06 | 0.53/-0.62 | -0.68/-1.07 |
| Θ(52.5°) | -0.89/-1.50 | -1.86/-4.56 | -7.09/-7.61 | -4.24/-0.56 | 0.42/-0.95 | -2.77/-4.28 | -3.76/-3.86 | -5.13/-7.49 | -9.16/-7.40 | -3.97/-2.53 | -1.06/-0.30 | 0.25/0.13 | -0.58/0.66 | -1.54/-4.18 | -0.77/0.15 | -0.88/-0.68 | -0.73/-3.21 | -5.36/-4.32 | -4.59/-4.26 | -5.29/-7.18 | -7.17/-3.11 | -2.79/-3.51 | -3.47/-3.86 | -2.67/-2.01 |
| Θ(60°) | -1.65/-1.01 | -0.82/-3.66 | -6.07/-10.81 | -5.17/-2.61 | -1.23/-1.42 | -3.68/-5.04 | -4.34/-2.70 | -1.25/-2.45 | -5.18/-9.89 | -11.65/-3.25 | 0.42/2.17 | 2.51/2.97 | 2.12/2.35 | 2.14/0.58 | 0.82/-0.35 | -1.95/-0.62 | -2.20/-6.00 | -7.25/-5.55 | -5.58/-8.60 | -12.38/-9.46 | -5.84/-7.00 | -4.76/-6.03 | -7.18/-6.33 | -2.67/-0.70 |
| Θ(67.5°) | -2.60/-0.82 | 0.93/-0.85 | -0.68/-1.48 | -1.02/-1.27 | -2.55/-3.64 | -7.81/-11.54 | -10.53/-8.65 | -4.00/-0.18 | -0.30/-4.18 | -13.39/-7.38 | -1.11/1.33 | 2.10/2.24 | 1.81/1.71 | 0.89/-0.78 | -1.79/-4.50 | -2.36/-2.96 | -5.36/-6.73 | -9.22/-9.11 | -8.69/-8.02 | -11.38/-12.51 | -8.72/-7.41 | -5.21/-6.89 | -3.32/-3.50 | -1.03/-1.37 |
| Θ(75°) | -2.77/-1.55 | 0.54/0.45 | 1.51/0.70 | -1.19/-4.27 | -7.21/-7.88 | -6.81/-5.17 | -4.47/-5.05 | -5.86/-2.58 | -0.49/-2.78 | -7.38/-8.55 | -1.96/0.55 | 1.24/2.02 | 2.85/2.70 | 2.54/1.90 | -0.67/-3.98 | -2.84/-4.41 | -2.04/-3.93 | -6.92/-10.96 | -8.69/-5.91 | -5.42/-7.13 | -5.54/-6.99 | -4.59/-4.89 | -4.46/-3.12 | -2.67/-2.64 |
| Θ(82.5°) | -4.58/-3.36 | 1.04/1.67 | -0.18/0.50 | -2.27/-5.59 | -5.48/-5.73 | -7.29/-6.99 | -6.75/-15.88 | -8.78/-5.98 | -1.98/-0.25 | -1.61/-0.94 | -0.34/-0.65 | -0.51/0.77 | 1.20/0.38 | 1.46/-1.58 | 0.59/-0.25 | -0.70/-3.36 | -0.72/-3.44 | -6.96/-15.03 | -6.01/-4.53 | -2.31/-1.03 | -0.83/-4.25 | -7.29/-7.74 | -6.56/-3.69 | -2.94/-3.27 |
| Θ(90°) | -9.15/-2.45 | -0.29/0.35 | -1.09/-1.96 | -6.18/-5.52 | -4.38/-6.80 | -6.91/-3.42 | -2.99/-6.82 | -6.40/-5.75 | -4.27/-0.87 | 0.23/1.65 | 1.89/1.20 | -0.82/0.27 | 0.49/1.03 | 2.17/-0.45 | 1.65/-0.79 | -1.37/-5.82 | -1.15/-4.00 | -5.39/-9.77 | -4.21/-2.96 | -4.76/-3.44 | -0.06/-2.08 | -5.26/-7.22 | -6.34/-4.56 | -4.10/-4.39 |
| Θ(97.5°) | -9.21/-4.55 | -2.48/-2.77 | -3.67/-4.11 | -7.47/-2.38 | -3.28/-9.35 | -9.37/-5.26 | -3.84/-4.75 | -2.07/-1.77 | -4.62/-2.40 | 0.77/3.65 | 3.62/3.51 | 2.49/0.78 | 1.60/0.76 | 1.70/1.83 | 1.11/-0.78 | -3.52/-8.34 | -3.70/-4.54 | -3.62/-8.22 | -6.47/-4.46 | -6.70/-5.63 | -1.53/-2.17 | -5.60/-6.75 | -4.10/-3.93 | -4.92/-5.79 |
| Θ(105°) | -13.12/-5.67 | -4.01/-4.96 | -4.54/-4.73 | -5.70/-3.02 | -2.45/-12.59 | -10.57/-7.82 | -6.04/-5.03 | -0.69/0.44 | -1.70/-4.39 | -1.07/2.09 | 3.72/4.50 | 3.32/2.54 | 2.66/2.56 | 1.31/0.93 | -0.45/-1.50 | -1.75/-13.59 | -4.51/-4.64 | -3.49/-5.93 | -6.74/-8.67 | -9.76/-4.72 | -4.34/-3.77 | -8.31/-6.01 | -7.13/-4.06 | -6.55/-6.76 |
| Θ(112.5°) | -7.16/-6.85 | -3.92/-9.35 | -6.34/-7.82 | -7.62/-5.04 | -6.28/-9.03 | -8.37/-9.00 | -9.92/-5.08 | -0.32/2.12 | 1.74/-1.34 | -2.08/-0.31 | 1.98/3.55 | 4.02/2.56 | 3.05/1.94 | 1.10/0.02 | -4.24/-3.01 | -6.62/-6.44 | -4.67/-6.39 | -5.43/-5.89 | -11.35/-12.99 | -12.05/-6.29 | -7.66/-5.62 | -9.37/-6.62 | -3.81/-5.07 | -9.43/-10.71 |
| Θ(120°) | -9.18/-14.54 | -7.24/-12.13 | -10.23/-13.59 | -8.15/-8.00 | -6.00/-5.44 | -9.14/-16.10 | -8.11/-2.36 | 0.18/2.78 | 3.35/1.74 | -1.37/-1.79 | 0.31/2.32 | 2.12/0.81 | 0.64/0.84 | -0.81/-3.01 | -8.17/-1.05 | -2.55/-11.81 | -5.87/-5.17 | -5.26/-5.85 | -15.42/-15.97 | -9.69/-7.50 | -3.78/-10.68 | -8.88/-11.51 | -8.28/-12.44 | -14.80/-11.96 |
| Θ(127.5°) | -8.74/-7.88 | -7.33/-14.26 | -11.56/-10.14 | -8.22/-7.95 | -6.66/-7.38 | -9.55/-7.64 | -2.88/-1.31 | 1.06/1.86 | 3.24/3.03 | 2.49/1.71 | 1.55/0.98 | 0.70/0.46 | 0.07/0.10 | -0.90/0.43 | -2.53/-0.28 | -2.00/-6.93 | -9.87/-7.94 | -6.75/-6.03 | -7.13/-14.38 | -11.65/-15.01 | -9.36/-8.46 | -14.35/-15.49 | -11.14/-14.49 | -12.47/-12.23 |
| Θ(135°) | -10.27/-15.64 | -7.57/-15.47 | -10.53/-10.17 | -8.13/-7.87 | -7.81/-8.81 | -10.03/-6.96 | -3.73/-1.70 | -0.59/2.10 | 3.42/4.29 | 3.82/2.84 | 2.70/1.86 | 0.62/1.17 | 0.83/0.81 | -0.47/-2.08 | -4.24/-6.39 | -3.71/-3.71 | -2.49/-7.70 | -8.25/-14.24 | -14.17/-12.42 | -10.76/-8.90 | -11.11/-15.75 | -11.41/-9.74 | -12.39/-13.14 | -8.73/-11.92 |
| Θ(142.5°) | -12.94/-14.02 | -10.54/-13.79 | -14.89/-14.86 | -11.93/-9.68 | -8.42/-12.49 | -11.39/-6.68 | -3.86/-1.58 | 0.52/1.95 | 3.13/3.19 | 3.35/3.35 | 2.64/1.78 | 1.76/0.56 | 0.35/-0.19 | -1.74/-2.32 | -3.62/-4.18 | -7.67/-15.55 | -9.13/-6.72 | -6.56/-7.35 | -7.22/-9.88 | -11.89/-14.58 | -9.84/-8.67 | -11.91/-15.07 | -9.18/-8.24 | -14.03/-11.05 |
| Θ(150°) | -10.96/-13.82 | -12.92/-14.38 | -13.30/-13.19 | -12.10/-14.50 | -12.93/-8.64 | -5.11/-3.66 | -2.45/-0.83 | 0.46/1.37 | 2.22/2.50 | 2.66/3.12 | 2.87/2.74 | 2.41/1.37 | 0.15/-1.76 | -3.31/-4.05 | -2.56/-0.73 | -1.37/-3.08 | -4.89/-4.82 | -4.92/-7.43 | -9.29/-9.91 | -13.89/-13.04 | -12.34/-9.99 | -8.93/-9.90 | -11.11/-9.28 | -11.32/-12.04 |
| Θ(157.5°) | -10.32/-15.20 | -16.06/-10.38 | -8.70/-7.95 | -6.40/-5.83 | -6.04/-5.58 | -4.86/-3.89 | -2.92/-2.05 | -1.33/-1.31 | -1.32/-0.51 | 0.02/-0.15 | -0.00/0.35 | 0.87/-0.06 | -1.27/-0.90 | -0.36/-1.71 | -3.04/-1.47 | -0.51/-1.49 | -3.66/-6.21 | -7.15/-9.91 | -15.47/-15.30 | -13.72/-10.09 | -7.75/-7.88 | -9.05/-11.58 | -13.72/-13.45 | -11.52/-10.26 |
| Θ(165°) | -14.17/-15.99 | -12.81/-11.40 | -10.26/-9.24 | -7.40/-5.93 | -5.48/-5.13 | -5.17/-6.08 | -5.90/-5.12 | -4.09/-3.28 | -2.87/-2.40 | -1.55/-0.50 | -0.27/-0.27 | -0.79/-2.06 | -2.26/-1.26 | -1.53/-3.40 | -4.68/-4.69 | -4.43/-4.32 | -5.60/-7.37 | -8.90/-8.29 | -8.55/-8.29 | -8.63/-11.36 | -13.13/-14.36 | -13.13/-11.92 | -10.58/-10.25 | -10.34/-11.26 |
| Θ(172.5°) | -15.29/-14.72 | -14.91/-14.73 | -14.03/-13.27 | -12.77/-12.01 | -10.82/-9.75 | -8.52/-7.61 | -6.13/-4.94 | -4.52/-4.32 | -4.26/-3.91 | -4.44/-5.46 | -5.90/-5.52 | -4.71/-4.30 | -4.38/-5.03 | -6.42/-8.18 | -10.95/-11.79 | -10.84/-7.90 | -5.76/-5.21 | -6.01/-8.29 | -11.47/-15.11 | -15.78/-15.10 | -14.01/-11.72 | -11.48/-13.79 | -14.33/-15.33 | -14.47/-14.41 |
| Θ(180°) | -12.05/-11.29 | -11.53/-11.81 | -11.82/-11.48 | -11.81/-11.87 | -11.56/-10.89 | -10.14/-9.75 | -9.45/-10.09 | -10.42/-9.94 | -9.51/-9.68 | -8.68/-7.87 | -8.01/-8.54 | -8.35/-9.63 | -11.94/-14.88 | -14.61/-14.12 | -14.76/-15.35 | -15.34/-14.09 | -13.42/-12.32 | -11.81/-13.82 | -15.07/-13.44 | -13.18/-14.48 | -15.54/-15.18 | -15.28/-15.29 | -14.77/-15.18 | -15.86/-15.68 |

E1(XY plane) – Θ(90)Φ(0-360)
E2(XZ plane) – Θ(0-180)Φ(0) and Θ(0-180)Φ(180)
E3(YZ plane) – Θ(0-180)Φ(90) and Θ(0-180)Φ(270)