

## Ant. Position: 6G ANT 3 GAIN THETA

| Frequency | Theta | 0      | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5925      | 0     | -3.32  | -0.29  | -0.33  | 1.25   | 1.38   | 1.88   | 0.22   | -0.9   | -2.23  | -13.45 | -8.93  | -16.82 | -16.82 |
| 5925      | 15    | -3.53  | -3.69  | -0.58  | -1.74  | -1.5   | 1.68   | 0.5    | -2.84  | -4.88  | -15.67 | -14.48 | -21.71 | -21.71 |
| 5925      | 30    | -8.32  | -7.47  | -2.92  | -6.61  | -4.08  | -0.5   | -0.73  | -2.58  | -6.18  | -19.63 | -9.39  | -11.36 | -11.36 |
| 5925      | 45    | -11.85 | -10.12 | -8.83  | -8.98  | -4.97  | 0.48   | -1.32  | 0.97   | -2.07  | -5.33  | -12.39 | -10.02 | -10.02 |
| 5925      | 60    | -15.26 | -14.25 | -17.62 | -4.23  | -3.17  | 0.5    | 0.3    | 1.31   | -1.11  | -8.87  | -18.21 | -11.56 | -11.56 |
| 5925      | 75    | -10.05 | -7     | -8.79  | -3.17  | -2.11  | -3.52  | 0.86   | 0.45   | 2.14   | -11.73 | -10.54 | -10.91 | -10.91 |
| 5925      | 90    | -7.09  | -4.42  | -7.42  | -4.96  | -5.58  | -5.47  | -0.7   | -2.26  | -0.98  | -9.32  | -4.32  | -3.82  | -3.82  |
| 5925      | 105   | -3.53  | -8.35  | -10.75 | -8.58  | -5.85  | -5.72  | -3.8   | -4.83  | -3.32  | -14.61 | -2.5   | -1.89  | -1.89  |
| 5925      | 120   | -1.96  | -8.52  | -12.81 | -7.66  | -8.61  | -8.22  | -2.55  | -3.66  | -4.21  | -8.5   | -4.7   | -3.55  | -3.55  |
| 5925      | 135   | -2.11  | -9.55  | -8.36  | -15.47 | -10.95 | -9.36  | -4.05  | -5.55  | 0.84   | -6.51  | -13.14 | -6.6   | -6.6   |
| 5925      | 150   | -2.4   | -4.38  | -5.51  | -9.28  | -4.01  | -6.46  | -4.52  | -7.65  | -6.54  | -6.81  | -21.81 | -15.38 | -15.38 |
| 5925      | 165   | -1.62  | -4     | -8.25  | -5.09  | -11.32 | -13.86 | -26.1  | -5.92  | -8.52  | -16.06 | -12.24 | -19.24 | -19.24 |
| 5925      | 180   | -2.41  | -3.45  | -11.94 | -6.76  | -6.27  | -9.45  | -7.84  | -8.88  | -11.29 | -7.39  | -18.1  | -17.41 | -17.41 |
| 5925      | 195   | -4.79  | -5.06  | -12.47 | -14.48 | -11.42 | -8.62  | -6.29  | -8.49  | -28.2  | -12.92 | -11    | -16.12 | -16.12 |
| 5925      | 210   | -6.11  | -9.89  | -6.19  | -9.21  | -11.42 | -9.26  | -5.72  | -10.02 | -10.23 | -13.57 | -15.35 | -22.12 | -22.12 |
| 5925      | 225   | -11.77 | -11.3  | -8.12  | -17.14 | -11.16 | -5.84  | -4.73  | -8.21  | -9.54  | -14.9  | -22.77 | -26.47 | -26.47 |
| 5925      | 240   | -19.96 | -8.24  | -12.81 | -10.13 | -15.52 | -8.44  | -8.26  | -16.71 | -16.96 | -12.46 | -24.67 | -14.99 | -14.99 |
| 5925      | 255   | -13.54 | -4.24  | -6.84  | -7.85  | -12.26 | -9.24  | -11.12 | -13.41 | -11.38 | -11.55 | -11.42 | -10.11 | -10.11 |
| 5925      | 270   | -7     | -2.06  | -5.97  | -4.92  | -2.06  | -0.87  | -2.52  | -4.21  | -8.06  | -8.21  | -11    | -8.1   | -8.1   |
| 5925      | 285   | -4.97  | 0.42   | 0.16   | -0.31  | -1.21  | -0.67  | -1.16  | -1.14  | -4.52  | -9.77  | -5.62  | -10.92 | -10.92 |
| 5925      | 300   | -2.15  | 0.7    | -1.29  | 1.37   | 1.4    | 1.06   | 0.9    | 0.62   | -5.9   | -10.74 | -9.55  | -10.63 | -10.63 |
| 5925      | 315   | -1.82  | 1.07   | -0.27  | 0.73   | 2.97   | 1.52   | -0.28  | -2.67  | -9.03  | -16.02 | -10.64 | -16.89 | -16.89 |
| 5925      | 330   | -1.88  | 0.63   | -0.38  | 0.28   | 1.85   | 2.45   | -1.79  | -6.36  | -5.06  | -32.28 | -12.1  | -15.7  | -15.7  |
| 5925      | 345   | -1.14  | -0.17  | -1.52  | -1.52  | 1.95   | 0.73   | 0.76   | -0.85  | -2.38  | -12.15 | -10.53 | -17.24 | -17.24 |
| 5925      | 360   | -3.32  | -0.29  | -0.33  | 1.25   | 1.38   | 1.88   | 0.22   | -0.9   | -2.23  | -13.45 | -8.93  | -16.82 | -16.82 |
| 6500      | 0     | 0.05   | -2.66  | -2.78  | -0.73  | 2.24   | -0.06  | 1.01   | 0.83   | -1.48  | -15.33 | -4.41  | -10.87 | -10.87 |
| 6500      | 15    | -3.02  | -3.42  | -2.07  | -2.41  | -1.42  | -2.71  | -1.28  | 0.55   | -5.14  | -15.13 | -6.32  | -19.74 | -19.74 |
| 6500      | 30    | -4.7   | -8.46  | -4.82  | -4.55  | -2.71  | -1.26  | -0.72  | 0.62   | 0      | -9.94  | -9.55  | -14.86 | -14.86 |
| 6500      | 45    | -5.44  | -6.98  | -3.03  | -3.94  | 0.22   | -0.63  | 0.06   | 1.89   | 1.83   | -8.66  | -29.4  | -12.5  | -12.5  |
| 6500      | 60    | -3.45  | -4.96  | -4.41  | -3.16  | -2.6   | -3.65  | -2.08  | -1.72  | -0.08  | -10.29 | -12.07 | -14.28 | -14.28 |
| 6500      | 75    | -3.96  | -1.58  | -4.85  | -4.62  | -9.23  | -2.49  | -1.52  | -0.46  | -3.1   | -14.76 | -9.83  | -9.38  | -9.38  |
| 6500      | 90    | -0.76  | -0.19  | -4.01  | -11.09 | -5.47  | -0.99  | -1.28  | 0.29   | -2.53  | -19.14 | -13.37 | -5.79  | -5.79  |
| 6500      | 105   | -0.06  | -1.15  | -10.61 | -12.05 | -6.78  | -4.67  | -0.91  | -5.88  | -1.14  | -17.9  | -11.15 | -9.11  | -9.11  |
| 6500      | 120   | -0.05  | -2.3   | -12.95 | -17.52 | -4.86  | -4.77  | -1.95  | -12.58 | -0.78  | -11.4  | -4.37  | -2.23  | -2.23  |
| 6500      | 135   | 0.8    | -4.62  | -12.86 | -9.64  | -6.61  | -3.87  | -4.45  | -6.65  | -5.12  | -11.04 | -12.24 | -3.27  | -3.27  |
| 6500      | 150   | 0.63   | -4.75  | -21.1  | -8.26  | -15.1  | -8.52  | -6.76  | -5.85  | -8.02  | -7.07  | -12.53 | -12.29 | -12.29 |
| 6500      | 165   | -0.43  | -12.77 | -17.29 | -9.71  | -8.76  | -9.96  | -7.78  | -7.72  | -12.67 | -5.9   | -17.48 | -12.11 | -12.11 |
| 6500      | 180   | -0.82  | -25.35 | -15.67 | -10.88 | -11.19 | -7.96  | -4.9   | -8.88  | -11.17 | -11.27 | -17.32 | -12.32 | -12.32 |
| 6500      | 195   | -1.19  | -10.17 | -6.26  | -17.79 | -8.59  | -13.71 | -14.18 | -26.93 | -14.16 | -12.52 | -19.14 | -14.63 | -14.63 |
| 6500      | 210   | -2.92  | -13.96 | -7.28  | -11.58 | -9     | -17.85 | -12.32 | -10.11 | -9.04  | -7.37  | -14.29 | -19.24 | -19.24 |
| 6500      | 225   | -2.68  | -11.31 | -13.95 | -7.14  | -8.42  | -4.25  | -5.93  | -8.24  | -18.19 | -16.14 | -17.21 | -17.26 | -17.26 |
| 6500      | 240   | -3.87  | -5.85  | -19.15 | -12.6  | -11.15 | -5.67  | -7.47  | -7.64  | -12.68 | -10.54 | -26.87 | -15.39 | -15.39 |
| 6500      | 255   | -3.15  | -1.02  | -6.62  | -3.82  | -7.6   | -8.46  | -8.57  | -15.05 | -10.01 | -12.77 | -12.27 | -10.28 | -10.28 |
| 6500      | 270   | -2.17  | -0.77  | -3.12  | -2.1   | -3.42  | -6.4   | -4.87  | -4.74  | -11.08 | -12.04 | -17.25 | -10.03 | -10.03 |
| 6500      | 285   | 0.14   | 0.62   | -0.39  | 1.12   | 1.12   | -2.02  | 0.11   | -0.57  | -6.75  | -12.38 | -10.16 | -9.25  | -9.25  |
| 6500      | 300   | -0.39  | 2.03   | 1.75   | 1.67   | 2.11   | -2.67  | -1.05  | -0.4   | -3.73  | -7.2   | -11.58 | -12.18 | -12.18 |
| 6500      | 315   | 0.96   | 2.74   | -1.1   | -0.9   | 1.56   | 0.92   | -2.02  | -1.26  | -4.12  | -15.57 | -11    | -28.76 | -28.76 |
| 6500      | 330   | -0.22  | 2.03   | -0.32  | 0.91   | 2.03   | -1.44  | 0.52   | 1.32   | -1.75  | -14.19 | -12.01 | -11.19 | -11.19 |
| 6500      | 345   | -1.87  | 0.19   | -2.32  | 1.27   | 0.44   | 0.68   | 0.53   | 2.69   | 0.01   | -7.58  | -6.79  | -12.67 | -12.67 |
| 6500      | 360   | 0.05   | -2.66  | -2.78  | -0.73  | 2.24   | -0.06  | 1.01   | 0.83   | -1.48  | -15.33 | -4.41  | -10.87 | -10.87 |
| 7125      | 0     | -0.94  | -0.77  | -2.74  | -1.75  | -2.11  | -1.22  | -0.69  | -2.62  | -4.16  | -11.05 | -15.05 | -11.96 | -11.96 |
| 7125      | 15    | -0.88  | -3.29  | -2.41  | -2.46  | -3.4   | -3.92  | -3.02  | -1.75  | -4.49  | -11    | -14.83 | -12.58 | -12.58 |
| 7125      | 30    | -3.44  | -2.97  | -4.45  | -3.39  | -2.36  | -1.2   | -3.14  | -0.82  | -1.79  | -7.24  | -16.28 | -17.52 | -17.52 |
| 7125      | 45    | -5.27  | -4.27  | -3.99  | -3.19  | -2.72  | -3.06  | -5.82  | -0.1   | -0.25  | -5.52  | -18.2  | -17.23 | -17.23 |
| 7125      | 60    | -5.82  | -5.37  | -7.23  | -2.94  | -4.27  | -3.78  | -6.5   | -1.6   | -0.48  | -10.18 | -8.2   | -12.08 | -12.08 |
| 7125      | 75    | -6.38  | -6.89  | -10.46 | -7.65  | -3.19  | -2.52  | -5.11  | -4.01  | -1.65  | -11.54 | -9.48  | -5.71  | -5.71  |
| 7125      | 90    | -3.11  | -7.18  | -18.13 | -6.09  | -1.86  | -0.77  | -4.39  | -1.42  | -1.15  | -6.37  | -7.96  | -5.07  | -5.07  |
| 7125      | 105   | -0.54  | -8.41  | -14.79 | -6     | -5.09  | -1.39  | -3.18  | -4.84  | -3.19  | -9.75  | -6.44  | -2.67  | -2.67  |
| 7125      | 120   | -1.82  | -8.56  | -11.1  | -19.14 | -7.41  | -5.28  | -9.77  | -4.79  | -2.82  | -10.87 | -6.84  | -2.99  | -2.99  |
| 7125      | 135   | 0.5    | -4.04  | -14.09 | -17.9  | -6.42  | -2.92  | -27.82 | -6.81  | -4.08  | -5.36  | -4.12  | -5.24  | -5.24  |
| 7125      | 150   | 0.89   | -2.09  | -13.84 | -8.75  | -12.62 | -26.01 | -15.92 | -2.04  | -12.32 | -9.18  | -6.02  | -10.42 | -10.42 |
| 7125      | 165   | 0.56   | -1.93  | -12.73 | -10.46 | -5.86  | -12.26 | -5.77  | -11.6  | -4     | -12.89 | -11.84 | -18.82 | -18.82 |
| 7125      | 180   | 1.31   | -5.25  | -2.98  | -12.22 | -12.15 | -8.74  | -7.09  | -25.24 | -10.16 | -16.57 | -16.06 | -24.46 | -24.46 |
| 7125      | 195   | -0.38  | -9.16  | -8.14  | -11.82 | -10.21 | -6.21  | -14.07 | -7.8   | -11.92 | -16.19 | -17.72 | -14.52 | -14.52 |
| 7125      | 210   | -1.61  | -9.41  | -8.2   | -8.58  | -10.62 | -12.71 | -12.3  | -10.87 | -10.01 | -11.86 | -18.37 | -23.42 | -23.42 |
| 7125      | 225   | -3.69  | -8.88  | -12.54 | -7.27  | -10.44 | -12.5  | -6.45  | -6.22  | -10.26 | -12.82 | -17.1  | -16.81 | -16.81 |
| 7125      | 240   | -4.9   | -5.27  | -12.59 | -12.71 | -11.52 | -6.25  | -5.02  | -9.05  | -26.44 | -17.3  | -19.58 | -12.57 | -12.57 |
| 7125      | 255   | -4.37  | -4.12  | -18.26 | -8.39  | -10.43 | -11.67 | -15.65 | -22.61 | -12.59 | -7.54  | -15.96 | -9.69  | -9.69  |
| 7125      | 270   | -3.26  | -2.85  | -5.54  | 0.77   | -2.35  | -5.51  | -14.21 | -9.37  | -5.24  | -9.13  | -17.41 | -6.53  | -6.53  |
| 7125      | 285   | -1.44  | -0.28  | -1.91  | 0.58   | -2.93  | -2.54  | -3.89  | -4.49  | -4.01  | -17.67 | -20.86 | -16.76 | -16.76 |
| 7125      | 300   | -0.26  | 1.61   | -1.97  | -1.8   | -4.46  | -1.32  | -3.99  | -4.22  | -2.17  | -8.39  | -19.81 | -9.37  | -9.37  |
| 7125      | 315   | -0.11  | 1.97   | -0.98  | -2.5   | -1.11  | -0.78  | -5.39  | -5.29  | -6.61  | -14.64 | -22.21 | -12.71 | -12.71 |
| 7125      | 330   | 1.03   | 2.02   | -2.52  | 1.31   | -2.02  | -2.23  | -4.23  | -2.77  | -6.26  | -8.36  | -22.04 | -17.69 | -17.69 |
| 7125      | 345   | 0.27   | 2.32   | -2.81  | -0.52  | -0.85  | 0.02   | 1.05   | 0.22   | -2.47  | -14.23 | -18.02 | -15.21 | -15.21 |
| 7125      | 360   | -0.94  | -0.77  | -2.74  | -1.75  | -2.11  | -1.22  | -0.69  | -2.62  | -4.16  | -11.05 | -15.05 | -11.96 | -11.96 |

## Ant. Position: 6G ANT 4 GAIN PHI

| Frequency | Phi | 0      | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 5925      | 0   | -12.77 | -11.12 | -12.88 | -14.47 | -14.12 | -16.86 | -14.24 | -4.84  | -14.32 | -0.75  | -4.09  | -4.37  | -4.27  |
| 5925      | 15  | -7.64  | -9.1   | -10.72 | -9.52  | -9.28  | -8.25  | -8.32  | -6.66  | -10.45 | -2.79  | -3.88  | -8.5   | -8.5   |
| 5925      | 30  | -12.07 | -11.79 | -9.44  | -12.41 | -11.12 | -4.38  | -8.17  | -12.05 | -10.94 | -6.31  | -6.95  | -10.52 | -10.52 |
| 5925      | 45  | -15.28 | -9.4   | -14.87 | -7.53  | -9.71  | -3.58  | -8.34  | -11.66 | -18.96 | -10.62 | -6.91  | -4.92  | -4.92  |
| 5925      | 60  | -15.32 | -8.07  | -9.41  | -10.25 | -6.42  | -10.16 | -6.11  | -22.83 | -11.56 | -6.63  | -3.41  | -7.41  | -7.41  |
| 5925      | 75  | -8.41  | -8.77  | -4.76  | -16.91 | -20.56 | -9.16  | -16.77 | -16.84 | -17.53 | -17.61 | -9.85  | -6.01  | -6.01  |
| 5925      | 90  | -9.31  | -13.4  | -14.72 | -16.75 | -17.79 | -25.47 | -11.41 | -15.35 | -7.38  | -13.08 | -8.1   | -9.39  | -9.39  |
| 5925      | 105 | -8.28  | -11.78 | -8.18  | -26.04 | -14.92 | -17.79 | -14.38 | -15.58 | -15.79 | -17.35 | -21.69 | -14.57 | -14.57 |
| 5925      | 120 | -4.61  | -4.29  | -19.92 | -17.49 | .5     | -7.76  | -7.66  | -9.84  | -9.18  | -10.01 | -12.04 | -9.79  | -9.79  |
| 5925      | 135 | -8.54  | -5.08  | -11.62 | -7.89  | -5.77  | -7.35  | -8.42  | -19.44 | -18.6  | -11.09 | -11.18 | -18.24 | -18.24 |
| 5925      | 150 | -5.12  | -5.51  | -3.93  | -1.08  | -4.13  | -15.71 | -10.23 | -5.09  | -8.84  | -14.16 | -11.03 | -21.97 | -21.97 |
| 5925      | 165 | -7.85  | -9.57  | -10.11 | 0.7    | -5.75  | -7.61  | -8.98  | -15.95 | -7.27  | -7.52  | -10.78 | -11.43 | -11.43 |
| 5925      | 180 | -9.53  | -9.03  | -20.11 | -3.42  | -2.69  | -2.35  | -4.67  | -29.43 | -9.06  | -9.83  | -13    | -8.67  | -8.67  |
| 5925      | 195 | -9.87  | -8.79  | -9.84  | -5.23  | -8.07  | -7.73  | -9.38  | -7.75  | -15.05 | -13.76 | -10.6  | -9.02  | -9.02  |
| 5925      | 210 | -6.75  | -9.45  | -10.91 | -5.22  | -8.23  | -12.52 | -13.21 | -16.11 | -14.04 | -5.64  | -19.65 | -6.16  | -6.16  |
| 5925      | 225 | -11.56 | -12.35 | -8.05  | -4.58  | -12.87 | -6.82  | -10.05 | -11.51 | -14.52 | -11.56 | -15.39 | -18.95 | -18.95 |
| 5925      | 240 | -8.22  | -11.36 | -4.94  | -15.27 | -5.21  | -9.15  | -2.74  | -13.47 | -13.64 | -14.62 | -10.41 | -12.4  | -12.4  |
| 5925      | 255 | -8.96  | -11.08 | -8.48  | -11.91 | -12.83 | -20.7  | -18.66 | -14.6  | -12.68 | -26.3  | -19.8  | -14.66 | -14.66 |
| 5925      | 270 | -6.5   | -10.98 | -11.72 | -26.71 | -16.6  | -15.01 | -18.28 | -16.19 | -19.05 | -16.49 | -13.94 | -18.02 | -18.02 |
| 5925      | 285 | -7.23  | -12.21 | -15.42 | -14.81 | -12    | -10.97 | -17.27 | -10.96 | -10.3  | -7.53  | -12.31 | -12.16 | -12.16 |
| 5925      | 300 | -6.07  | -35.15 | -9.6   | -12.93 | -14.04 | -16.76 | -9.94  | -4.27  | -8.29  | -0.57  | -9.22  | -11.8  | -11.8  |
| 5925      | 315 | -8.19  | -16.11 | -14.09 | -13.02 | -9.07  | -12.92 | -14.74 | -10.98 | -1.04  | -1.71  | -1.12  | -9.97  | -9.97  |
| 5925      | 330 | -9.36  | -14.4  | -17.56 | -14.77 | -6.66  | -11.5  | -10.56 | -16.84 | -3.27  | 1.84   | -0.08  | -12.75 | -12.75 |
| 5925      | 345 | -9.89  | -18.87 | -12.81 | -11.11 | -9.68  | -12.16 | -7.93  | -14.95 | -8.62  | 1.83   | 0.07   | -3.41  | -3.41  |
| 5925      | 360 | -12.77 | -11.12 | -12.88 | -14.47 | -14.12 | -16.86 | -14.24 | -4.84  | -14.32 | -0.75  | -4.09  | -4.37  | -4.37  |
| 6500      | 0   | -21.56 | -20.9  | -16.69 | -6.23  | -5.94  | -7.19  | -8.29  | -12.75 | -7.47  | -0.61  | -2.09  | -3.83  | -3.83  |
| 6500      | 15  | -24.73 | -17.54 | -12.29 | -8.23  | -7.29  | -7.71  | -7.33  | -8.06  | -9.87  | -5.5   | -1.72  | -4.48  | -4.48  |
| 6500      | 30  | -18.27 | -11.65 | -15.98 | -8.43  | -11.64 | -18.75 | -4.87  | -7.47  | -16.63 | -4.93  | -2.6   | -9.15  | -9.15  |
| 6500      | 45  | -11.44 | -9.18  | -8.24  | -5.35  | -7.53  | -6.53  | -3.47  | -11.26 | -14.95 | -5.24  | -4.61  | -4.61  | -4.61  |
| 6500      | 60  | -9.99  | -10.57 | -12.01 | -9.55  | -12.77 | -10.29 | -7.77  | -8.48  | -25.14 | -9.84  | -5.77  | -8.68  | -8.68  |
| 6500      | 75  | -9.4   | -11.48 | -7.29  | -8.14  | -11.22 | -17.21 | -14.57 | -29.91 | -11.32 | -8.37  | -5.09  | -10.74 | -10.74 |
| 6500      | 90  | -7.01  | -16.26 | -26.13 | -17.04 | -16.2  | -20.2  | -17.02 | -19.88 | -9.88  | -8.74  | -10.07 | -8.27  | -8.27  |
| 6500      | 105 | -7.25  | -15.74 | -12.21 | -11.31 | -18.45 | -12.98 | -26.32 | -16.95 | -12.74 | -21.66 | -13.47 | -10.31 | -10.31 |
| 6500      | 120 | -8.94  | -5.23  | -12.88 | -9.51  | -9.81  | -10.98 | -6.98  | -11.42 | -10.28 | -21.13 | -11.21 | -20.64 | -20.64 |
| 6500      | 135 | -8.49  | -6.8   | -8.8   | -4.79  | -4.05  | -6.79  | -8.75  | -5.94  | -12.21 | -22.22 | -12.89 | -9.39  | -9.39  |
| 6500      | 150 | -9.28  | -2.45  | -5.57  | -2.35  | -6.6   | -8.65  | -8.83  | -11.74 | -9.56  | -19.14 | -14.48 | -25.78 | -25.78 |
| 6500      | 165 | -9.24  | -8.64  | -16.38 | -2.08  | -5.74  | -12.27 | -31.74 | -11.72 | -14.27 | -12.28 | -11.78 | -38.52 | -38.52 |
| 6500      | 180 | -17.77 | -15.76 | -13.02 | -2.7   | -3.15  | -3.07  | -38.39 | -11.62 | -11.73 | -43.82 | -36.94 | -13.92 | -13.92 |
| 6500      | 195 | -16.17 | -8.02  | -12.52 | -3.68  | -8.8   | -5.82  | -13.46 | -5.61  | -19.64 | -13.04 | -10.9  | -13.94 | -13.94 |
| 6500      | 210 | -15.57 | -7.72  | -7.24  | -4.27  | -11.03 | -14.79 | -9.62  | -18.9  | -25.3  | -3.16  | -12.03 | -8.55  | -8.55  |
| 6500      | 225 | -15.1  | -8.54  | -8.18  | -2.86  | -11.23 | -7.61  | -6.96  | -11.76 | -17.94 | -14.04 | -10.72 | -26.52 | -26.52 |
| 6500      | 240 | -13.92 | -7.23  | -7.44  | -9.96  | -11.45 | -7.66  | -12.22 | -12.17 | -8.61  | -10.96 | -14.71 | -15.6  | -15.6  |
| 6500      | 255 | -8.66  | -18.9  | -7.18  | -16.52 | -14.3  | -14.7  | -12.2  | -11.51 | -17.91 | -10.49 | -10.92 | -15.7  | -15.7  |
| 6500      | 270 | -11.23 | -16.38 | -20.7  | -12.58 | -10    | -16.71 | -21.65 | -12.87 | -22.09 | -22.2  | -23.3  | -19.39 | -19.39 |
| 6500      | 285 | -8.13  | -16.13 | -11.53 | -21.91 | -16.91 | -19.67 | -16.35 | -16.17 | -7.67  | -8.36  | -19.2  | -8.87  | -8.87  |
| 6500      | 300 | -10.43 | -15.63 | -11.19 | -13.4  | -5.72  | -18.25 | -29.71 | -14.83 | -4.92  | -7.9   | -5.05  | -11.9  | -11.9  |
| 6500      | 315 | -6.85  | -10.29 | -13.65 | -12.65 | -12.11 | -12.05 | -24.3  | -11.44 | -2.08  | -0.57  | -5.37  | -8.59  | -8.59  |
| 6500      | 330 | -10.69 | -10.78 | -13.2  | -8.19  | -5.46  | -11.27 | -14.85 | -12.25 | -8.39  | -0.29  | -0.55  | -17.44 | -17.44 |
| 6500      | 345 | -11.1  | -8.31  | -30.23 | -11.64 | -3.78  | -5.38  | -12.57 | -9.02  | -13.11 | -0.56  | 0.65   | -10.5  | -10.5  |
| 6500      | 360 | -21.56 | -20.9  | -16.69 | -6.23  | -5.94  | -7.19  | -8.29  | -12.75 | -7.47  | -0.61  | -2.09  | -3.83  | -3.83  |
| 7125      | 0   | -15.01 | -20.97 | -16.43 | -9.04  | -6.75  | -7.43  | -7.69  | -11.79 | -7.91  | -9.52  | -10.28 | -6.03  | -6.03  |
| 7125      | 15  | -18.69 | -11    | -16.17 | -16.62 | -10.8  | -3.27  | -8.06  | -11.72 | -12.25 | -5.3   | -4.43  | -4.33  | -4.33  |
| 7125      | 30  | -15.78 | -12.97 | -11.68 | -6.23  | -10.83 | -3.39  | -7.32  | -8.72  | -7.21  | -12.66 | -4.2   | -2.82  | -2.82  |
| 7125      | 45  | -18.94 | -15.93 | -14.19 | -19.29 | -15.04 | -5.18  | -7.33  | -9.93  | -2.46  | -15.59 | -6.44  | -9.7   | -9.7   |
| 7125      | 60  | -16.82 | -14.23 | -7.17  | -5.26  | -7.95  | -8.01  | -10.55 | -7.38  | -4.42  | -10.98 | -12.22 | -16.7  | -16.7  |
| 7125      | 75  | -13.65 | -16.06 | -6.13  | -5.8   | -13.89 | -10.55 | -9.66  | -7.78  | -4.55  | -19.48 | -10.21 | -12.75 | -12.75 |
| 7125      | 90  | -17.2  | -12.13 | -5.14  | -15.39 | -10.31 | -15.52 | -15.02 | -11.61 | -8.05  | -28.27 | -9.99  | -11.46 | -11.46 |
| 7125      | 105 | -10.55 | -11.8  | -28.56 | -15.1  | -23.39 | -9.67  | -13.94 | -9.78  | -8.3   | -10.73 | -15.65 | -11.64 | -11.64 |
| 7125      | 120 | -15.39 | -8.84  | -15.43 | -12.32 | -20.68 | -13.79 | -11.05 | -15.78 | -9.22  | -11.94 | -11.24 | -21.59 | -21.59 |
| 7125      | 135 | -11.13 | -3.52  | -7.63  | -10.18 | -9     | -4.1   | -6.84  | -11.03 | -19.05 | -16.75 | -12.07 | -12.69 | -12.69 |
| 7125      | 150 | -5.99  | -4.35  | -5.53  | -7.07  | -2.3   | -4.46  | -4.79  | -7.81  | -10.44 | -14.29 | -15.53 | -15.29 | -15.29 |
| 7125      | 165 | -9.36  | -5.97  | -17.64 | -2.61  | -4.04  | -12.28 | -15.65 | -4.57  | -20.14 | -11.11 | -18.56 | -21.16 | -21.16 |
| 7125      | 180 | -9.48  | -7.79  | -5.55  | -8.42  | -3.25  | -2.22  | -19.57 | -10.16 | -21.88 | -35.53 | -11.26 | -9.18  | -9.18  |
| 7125      | 195 | -17.1  | -11.6  | -8.73  | -16.76 | -10.55 | -9.75  | -14.24 | -7.84  | -14.74 | -19.07 | -17.29 | -10.45 | -10.45 |
| 7125      | 210 | -13.78 | -8.16  | -16.94 | -6.48  | -8.58  | -7.48  | -6.51  | -12.82 | -11.59 | -11.67 | -17.69 | -20.02 | -20.02 |
| 7125      | 225 | -14.52 | -15.86 | -5.36  | -6.23  | -8.45  | -8.38  | -24.58 | -12.03 | -12.24 | -8.78  | -8.39  | -23.12 | -23.12 |
| 7125      | 240 | -13.67 | -20    | -10.92 | -10    | -11.32 | -10.49 | -7.89  | -6.05  | -9.38  | -8.19  | -10.76 | -10.64 | -10.64 |
| 7125      | 255 | -11.05 | -15.96 | -13.98 | -11.21 | -8.82  | -11.47 | -9.16  | -7.22  | -12.4  | -19.99 | -8.6   | -10.26 | -10.26 |
| 7125      | 270 | -7.45  | -8.71  | -19.31 | -13.11 | -16.11 | -12.97 | -10.59 | -11.31 | -10.83 | -18.12 | -16.05 | -16.5  | -16.5  |
| 7125      | 285 | -7.37  | -8.84  | -13.09 | -9.13  | -26.96 | -21.3  | -11.92 | -12.98 | -18.27 | -11.19 | -8.69  | -21.33 | -21.33 |
| 7125      | 300 | -10.02 | -16.63 | -8.29  | -6.14  | -7.51  | -13.49 | -15.08 | -8.64  | -18.65 | -4.11  | -6.93  | -15.78 | -15.78 |
| 7125      | 315 | -8.16  | -19.14 | -9.4   | -6.41  | -9.98  | -9.24  | -14.32 | -15.46 | -5.85  | -2.28  | -1.45  | -12.26 | -12.26 |
| 7125      | 330 | -11.14 | -16.55 | -10.25 | -9.64  | -10.87 | -14.04 | -12.08 | -12.36 | -4.74  | -3.77  | 0.45   | -12.55 | -12.55 |
| 7125      | 345 | -13.4  | -20.52 | -19.76 | -9.83  | -7.72  | -8.79  | -8.74  | -16.42 | -1.72  | -6.97  | 1.77   | -5.68  | -5.68  |
| 7125      | 360 | -15.01 | -20.97 | -16.43 | -9.04  | -6.75  | -7.43  | -7.69  | -11.79 | -7.91  | -9.52  | -10.28 | -6.03  | -6.03  |

## Ant. Position: 6G ANT 4 GAIN THETA

| Frequency | Theta | 0      | 15     | 30     | 45     | 60     | 75     | 90    | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| 5925      | 0     | -6.52  | -8.75  | -9.49  | -8.73  | -4.43  | 0.26   | -1.32 | -1.93  | -4.47  | -2.7   | -13.88 | -17.59 | -17.59 |
| 5925      | 15    | -7.25  | -6.48  | -3.87  | -5.44  | -0.53  | 2.71   | 0.91  | -5.55  | -5.95  | -2.63  | -18.83 | -14.54 | -14.54 |
| 5925      | 30    | -6.09  | -5.11  | -2.71  | -3.67  | -1.63  | 0.21   | -0.72 | -4.6   | -9.41  | -14.68 | -17.76 | -20.17 | -20.17 |
| 5925      | 45    | -8.21  | -1.21  | -8.55  | -4.07  | -3.84  | -3.43  | -7.68 | -4.91  | -6.06  | -17.08 | -23.73 | -12.28 | -12.28 |
| 5925      | 60    | -8.38  | -1.33  | -2.82  | -3.37  | -3.89  | -2.94  | -3.58 | -5.93  | -7.25  | -11.32 | -14.8  | -17.03 | -17.03 |
| 5925      | 75    | -9.91  | -1.91  | -3.23  | -3.46  | -1.39  | -0.78  | -4.52 | -7.06  | -9.64  | -13.78 | -12.62 | -9.18  | -9.18  |
| 5925      | 90    | -12.78 | -1.28  | 0.36   | 1.74   | 2.82   | 2.07   | -1.75 | -4.03  | -11.66 | -22.01 | -14.36 | -5.91  | -5.91  |
| 5925      | 105   | -7.66  | -0.59  | -2.29  | -1.03  | -1.73  | -4.4   | -2.74 | -4.58  | -6.26  | -9.41  | -12.8  | -10.12 | -10.12 |
| 5925      | 120   | -12.08 | -4.97  | -4.91  | -0.37  | 1.12   | -5.12  | -5.11 | -8.12  | -2.78  | -8.42  | -10.68 | -12.18 | -12.18 |
| 5925      | 135   | -15.3  | -8.6   | -5.09  | 1.2    | -2.22  | -0.94  | -4.68 | -8.6   | -8.09  | -21.36 | -7.61  | -7.55  | -7.55  |
| 5925      | 150   | -15.33 | -18.17 | -12.41 | -1.62  | -5.76  | -2.71  | -6.72 | -8.4   | -17.86 | -14.1  | -17.29 | -21.73 | -21.73 |
| 5925      | 165   | -8.43  | -10.93 | -9.89  | -3.3   | -4.2   | -10.13 | -7.07 | -10.81 | -8.51  | -4.68  | -15.68 | -15.47 | -15.47 |
| 5925      | 180   | -9.33  | -8.1   | -9.91  | -7.71  | -4.15  | -10.59 | -2.28 | -7.2   | -6.16  | -2.71  | -10.22 | -19.79 | -19.79 |
| 5925      | 195   | -8.29  | -10.14 | -12.69 | -5.69  | -20.88 | -5.43  | -3.18 | -15.4  | -8.23  | -12.13 | -12.63 | -13.03 | -13.03 |
| 5925      | 210   | -4.62  | -16.92 | -11.42 | -6.68  | -5.87  | -5.51  | -5.35 | -6.48  | -3.44  | -9.32  | -13.4  | -14.29 | -14.29 |
| 5925      | 225   | -8.56  | -8.56  | -8.46  | -2.62  | -8.74  | -2.53  | -0.21 | -0.87  | 0.3    | -9.24  | -2.86  | -18.25 | -18.25 |
| 5925      | 240   | -5.13  | -13.46 | -20.59 | -11.73 | 0.25   | 0.55   | 0.66  | 2.14   | 2.61   | -6.44  | -2.18  | -6.58  | -6.58  |
| 5925      | 255   | -7.87  | -16.47 | -6.1   | -2.1   | -5.31  | 0.61   | -0.25 | 2.19   | 1.24   | 1.14   | -4.04  | -4.07  | -4.07  |
| 5925      | 270   | -9.55  | -10.37 | -9.67  | -2.41  | -5.04  | -2.46  | -1.75 | 0.68   | 1.77   | -3.71  | -1.46  | -6.72  | -6.72  |
| 5925      | 285   | -9.88  | -12.44 | -5.19  | -2.03  | -2.23  | -0.5   | 1.84  | -0.86  | 1.02   | 0.23   | -0.46  | -7.54  | -7.54  |
| 5925      | 300   | -6.77  | -12.93 | -8.57  | -8.71  | -1.47  | -1.29  | 1.07  | 1.27   | 1.72   | 1.11   | -2.44  | -5.61  | -5.61  |
| 5925      | 315   | -11.58 | -12.86 | -5.22  | -4.07  | -2.85  | 1.53   | 0.28  | 2      | 1.3    | -0.28  | -5.47  | -7.51  | -7.51  |
| 5925      | 330   | -8.24  | -11.01 | -9.15  | -7.91  | -3.6   | -3     | -1.84 | -3.4   | 0.85   | -1.75  | -7.25  | -9.62  | -9.62  |
| 5925      | 345   | -8.97  | -5.65  | -6.17  | -10.67 | -7.32  | -4.54  | -2.39 | -2.64  | -1.77  | -1.61  | -5.69  | -12.18 | -12.18 |
| 5925      | 360   | -6.52  | -8.75  | -9.49  | -8.73  | -4.43  | 0.26   | -1.32 | -1.93  | -4.47  | -2.7   | -13.88 | -17.59 | -17.59 |
| 6500      | 0     | -11.22 | -6.12  | -11.97 | -9.9   | -4.08  | -2.33  | -3.6  | -3.9   | -0.75  | -2.18  | -15.94 | -11.68 | -11.68 |
| 6500      | 15    | -8.02  | -5.04  | -12.15 | -8.85  | -2.02  | -4.09  | -4.04 | -1.42  | -2.59  | -6.83  | -10.85 | -12.04 | -12.04 |
| 6500      | 30    | -10.32 | -7.19  | -16.12 | -9.4   | -6.71  | -3.44  | -2.91 | -5.12  | -7.67  | -9.29  | -10.27 | -12.54 | -12.54 |
| 6500      | 45    | -6.74  | -9.09  | -7.15  | -6.01  | -7     | -6.71  | -6.84 | -6.2   | -15.41 | -15.44 | -10.04 | -10.65 | -10.65 |
| 6500      | 60    | -10.57 | -4.44  | -6.88  | -6.87  | -7.15  | -5.48  | -8.86 | -4.44  | -7.54  | -15.43 | -16.78 | -10    | -10    |
| 6500      | 75    | -10.99 | -2.61  | -3.13  | -2.96  | -1.59  | -2.84  | -2.88 | -3.42  | -9.17  | -15.73 | -10.06 | -11.19 | -11.19 |
| 6500      | 90    | -21.44 | -0.1   | -2.19  | -2.76  | -5.09  | -1.16  | 0.25  | -4.9   | -9.79  | -21.24 | -6.58  | -13.25 | -13.25 |
| 6500      | 105   | -24.62 | -1.83  | -1.1   | -2.17  | -2.3   | -2.33  | -4    | -1.62  | -10.44 | -12.15 | -17.28 | -8.74  | -8.74  |
| 6500      | 120   | -18.15 | -2.94  | -6.24  | -4.27  | -4.06  | -3.8   | -4.85 | -6.95  | -5.48  | -9.73  | -25.09 | -10.1  | -10.1  |
| 6500      | 135   | -11.33 | -4.74  | -5.24  | -3.97  | -1.18  | -3.87  | -7.71 | -12.25 | -17.72 | -10.56 | -15.19 | -10.52 | -10.52 |
| 6500      | 150   | -9.88  | -12.78 | -12.85 | -2.04  | -7.9   | -7.63  | -9.83 | -15.89 | -27.24 | -28.66 | -28.47 | -16.52 | -16.52 |
| 6500      | 165   | -9.28  | -11.79 | -8.69  | -2.02  | -4.32  | -6.4   | -4.32 | -12.17 | -10.62 | -7.07  | -15.39 | -14    | -14    |
| 6500      | 180   | -6.89  | -8.52  | -6.02  | -16.48 | -9.34  | -12.61 | -5.29 | -4.27  | -5.18  | -1.85  | -8.1   | -18.02 | -18.02 |
| 6500      | 195   | -7.13  | -14.88 | -39.53 | -9.86  | -19.72 | -8.44  | -8.73 | -10.04 | -9.12  | -13.43 | -15.86 | -8.14  | -8.14  |
| 6500      | 210   | -8.83  | -26.82 | -11.26 | -6.65  | -5.46  | -14.81 | -9.84 | -1.68  | -0.53  | -17.54 | -5.5   | -17.71 | -17.71 |
| 6500      | 225   | -8.37  | -12.79 | -16.12 | -10.87 | -4.83  | -1.67  | -1.52 | 1.53   | -1.5   | -5.09  | -4.78  | -13.61 | -13.61 |
| 6500      | 240   | -9.17  | -11.67 | -6.28  | -2.01  | -3.99  | -0.86  | 0.68  | 2.67   | -0.06  | -3.54  | -9.94  | -7.56  | -7.56  |
| 6500      | 255   | -9.12  | -9.8   | -5.84  | -3.72  | -5.71  | -4.09  | -0.92 | -0.23  | 0.06   | -3.16  | -2.32  | -8.73  | -8.73  |
| 6500      | 270   | -17.65 | -14.77 | -2.66  | -2.04  | -1.4   | -3.24  | -1.79 | -0.89  | -0.61  | 0.08   | -3.86  | -7.26  | -7.26  |
| 6500      | 285   | -16.05 | -11.47 | -16.23 | -5.51  | -4.58  | -4.39  | -1.84 | 1.11   | 2.04   | -1.6   | -4.51  | -2.84  | -2.84  |
| 6500      | 300   | -15.46 | -14.45 | -8.68  | -4.33  | -2.72  | -1.31  | -2.1  | 0.56   | 1.61   | -0.11  | -2.65  | -2.39  | -2.39  |
| 6500      | 315   | -14.99 | -12.96 | -12.7  | -1.25  | -0.6   | -0.34  | -2.01 | -0.55  | 1.11   | 0.93   | -5.17  | -8.19  | -8.19  |
| 6500      | 330   | -13.8  | -21.42 | -9.62  | -4.91  | -2.94  | -2.33  | -3.78 | -6.19  | -3.87  | -0.21  | -4.3   | -31.39 | -31.39 |
| 6500      | 345   | -8.54  | -11.66 | -7.92  | -11.19 | -2.51  | -2.48  | -1.61 | -2.51  | -1.85  | -1.8   | -11.51 | -9.9   | -9.9   |
| 6500      | 360   | -11.22 | -6.12  | -11.97 | -9.9   | -4.08  | -2.33  | -3.6  | -3.9   | -0.75  | -2.18  | -15.94 | -11.68 | -11.68 |
| 7125      | 0     | -7.48  | -9.61  | -6.99  | -9.38  | -3.87  | -0.29  | 0.05  | -4.3   | -9.72  | -14.51 | -6.53  | -12.53 | -12.53 |
| 7125      | 15    | -7.4   | -8.24  | -9.69  | -7.98  | -15.34 | -7.64  | -7.15 | -10.77 | -13.47 | -7.5   | -8.89  | -21.84 | -21.84 |
| 7125      | 30    | -10.05 | -5.01  | -14.07 | -6.88  | -4.88  | -10.54 | -9.17 | -4.99  | -5.61  | -7.97  | -12.25 | -8.91  | -8.91  |
| 7125      | 45    | -8.19  | -5.67  | -11.56 | -3.34  | -6.17  | -9.26  | -6.87 | -5.63  | -7.7   | -6.45  | -12.15 | -10.22 | -10.22 |
| 7125      | 60    | -11.16 | -2.06  | -14.96 | -5.26  | -6.07  | -8.33  | -12.3 | -16.31 | -23.8  | -17.28 | -25.34 | -10.94 | -10.94 |
| 7125      | 75    | -13.43 | -1.26  | -0.99  | -2.5   | -1.07  | -2.47  | -7.23 | -7.45  | -23.57 | -13.78 | -11.1  | -5.28  | -5.28  |
| 7125      | 90    | -15.03 | -3.5   | -1.84  | -3.29  | -1.56  | -1.8   | -3    | -6.15  | -13.76 | -17.54 | -19.95 | -9.89  | -9.89  |
| 7125      | 105   | -16.72 | -2.83  | -2.15  | -4.55  | -1.97  | -2.85  | -5.39 | -9.34  | -9.31  | -21.14 | -18.88 | -14.16 | -14.16 |
| 7125      | 120   | -15.81 | -5.28  | -2.51  | -4.02  | -4.53  | -2.36  | -6    | -7.09  | -7.43  | -14.76 | -19.63 | -11.97 | -11.97 |
| 7125      | 135   | -16.97 | -12.22 | -9.37  | -5.66  | -5.61  | -18.02 | -8.25 | -8.8   | -5.96  | -23.32 | -22.9  | -16.36 | -16.36 |
| 7125      | 150   | -16.85 | -11.53 | -12.92 | -5.01  | -5.52  | -5.88  | -10.7 | -14.07 | -8.83  | -18.22 | -14.82 | -17.27 | -17.27 |
| 7125      | 165   | -13.67 | -10.27 | -1.47  | -0.84  | -1.75  | -3.9   | -5.85 | -15.7  | -13.31 | -5.35  | -20.33 | -29.67 | -29.67 |
| 7125      | 180   | -17.23 | -6.83  | -4.24  | -11.05 | -2.82  | -13.03 | -6.37 | -5.52  | -2.77  | -4.37  | -10.49 | -16.74 | -16.74 |
| 7125      | 195   | -10.58 | -9.83  | -14.05 | -13.66 | -8.1   | -23.43 | -7.28 | -5.43  | -13.02 | -10.85 | -12.85 | -16.91 | -16.91 |
| 7125      | 210   | -15.42 | -20.94 | -11.44 | -7.72  | -4.93  | -12.6  | -7.55 | -2.37  | -5.89  | -13.03 | -12.11 | -9.23  | -9.23  |
| 7125      | 225   | -11.18 | -12.68 | -9.53  | -15.4  | -2.62  | -2.91  | -1.6  | -2.4   | -6.39  | -3.81  | -14.18 | -19.14 | -19.14 |
| 7125      | 240   | -8.02  | -14.3  | -5.63  | -1.94  | -5.88  | -2.62  | -1.6  | 0.82   | -6.07  | -0.07  | -6.9   | -11.97 | -11.97 |
| 7125      | 255   | -8.39  | -23.23 | -4.64  | -1.73  | -0.54  | -2.07  | 1.03  | -1.78  | -0.71  | -3.2   | -3.31  | -4.01  | -4.01  |
| 7125      | 270   | -9.51  | -29.56 | -13.94 | -7.5   | -3.1   | -1.52  | 0.31  | 2.56   | 2.08   | -3.82  | -4.74  | -5.36  | -5.36  |
| 7125      | 285   | -17.13 | -12.94 | -11.65 | -5.43  | -0.67  | 1.99   | -0.18 | 1.64   | 0.4    | -1.1   | -0.65  | -4.24  | -4.24  |
| 7125      | 300   | -13.81 | -9.12  | -3.62  | -6.23  | -2.09  | 0.34   | -0.09 | -1.52  | -1.61  | 1.56   | -1.17  | -4.62  | -4.62  |
| 7125      | 315   | -14.55 | -12.61 | -6.58  | -4.72  | -5.17  | -0.76  | -2.97 | -1.61  | 0.27   | 0.89   | -1.92  | -7.59  | -7.59  |
| 7125      | 330   | -12.7  | -12.45 | -7.17  | -2.65  | -5     | -3.56  | -2.03 | -2.56  | -3     | -1.53  | -2.73  | -16.03 | -16.03 |
| 7125      | 345   | -11.07 | -20.67 | -5.03  | -3.84  | -3.63  | -0.05  | 1.18  | -1.65  | -2.45  | -4.42  | -5.7   | -19.12 | -19.12 |
| 7125      | 360   | -7.48  | -9.61  | -6.99  | -9.38  | -3.87  | -0.29  | 0.05  | -4.3   | -9.72  | -14.51 | -6.53  | -12.53 | -12.53 |

## Ant. Position: 2G ANT 6 GAIN PHI

| Frequency | Phi | 0      | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2400      | 0   | -14.76 | -15.13 | -11.44 | -11.44 | -13.97 | -16.78 | -18.73 | -16.86 | -20.31 | -17.77 | -11.4  | -15.14 | -15.14 |
| 2400      | 15  | -18.35 | -18.12 | -26.82 | -17.01 | -20.02 | -20.11 | -16.21 | -12.17 | -10.93 | -14.05 | -13.37 | -11.82 | -11.82 |
| 2400      | 30  | -16.53 | -15.3  | -14.01 | -9.37  | -9.18  | -11.72 | -7.47  | -5.94  | -7.23  | -12.43 | -20.7  | -9.42  | -9.42  |
| 2400      | 45  | -11.43 | -11.81 | -8.43  | -5.96  | -5.2   | -6.23  | -3.37  | -3.64  | -6.75  | -11.08 | -24.69 | -13.3  | -13.3  |
| 2400      | 60  | -8.73  | -9.18  | -6.26  | -5.22  | -3.99  | -3.96  | -2.47  | -3.71  | -7.58  | -10.65 | -17.65 | -16.67 | -16.67 |
| 2400      | 75  | -6.9   | -6.86  | -5.39  | -5.3   | -5.49  | -4.87  | -4.87  | -7.05  | -7.77  | -11    | -17.7  | -25.81 | -25.81 |
| 2400      | 90  | -6.05  | -5.06  | -3.61  | -3.71  | -4.83  | -6.38  | -9.07  | -9.18  | -7.15  | -9.05  | -18.5  | -16.8  | -16.8  |
| 2400      | 105 | -5.55  | -3.75  | -2.37  | -2.49  | -4.78  | -6.9   | -8.44  | -7.2   | -4.42  | -9.61  | -18.25 | -18.78 | -18.78 |
| 2400      | 120 | -5.71  | -2.35  | -1.81  | -2.41  | -4.03  | -6.24  | -9.39  | -5.9   | -5.05  | -11.2  | -18.34 | -17.98 | -17.98 |
| 2400      | 135 | -6.36  | -2.54  | -2.68  | -3.07  | -3.55  | -5.56  | -11.59 | -7.58  | -8.51  | -9.71  | -10.91 | -14.75 | -14.75 |
| 2400      | 150 | -7.8   | -4.68  | -4.11  | -3.98  | -3.22  | -6.98  | -11.76 | -12.5  | -8.84  | -5.22  | -8.05  | -15.85 | -15.85 |
| 2400      | 165 | -10.17 | -7.02  | -6.28  | -5.29  | -5.66  | -9.63  | -17.54 | -21.46 | -8.04  | -4.72  | -9.94  | -16.97 | -16.97 |
| 2400      | 180 | -15.46 | -11.52 | -9.55  | -8.75  | -12.54 | -16.76 | -22.42 | -28.58 | -7.62  | -5.71  | -5.48  | -14.26 | -14.26 |
| 2400      | 195 | -27.41 | -16.51 | -12.15 | -10.57 | -9.78  | -11.62 | -20.49 | -13.85 | -10    | -10.21 | -8.99  | -15.93 | -15.93 |
| 2400      | 210 | -16.26 | -11.07 | -8.89  | -6.94  | -4.57  | -7.01  | -9.05  | -8.3   | -9.58  | -12.36 | -21.58 | -17.11 | -17.11 |
| 2400      | 225 | -10.47 | -6.97  | -5.5   | -4.88  | -2.63  | -7.27  | -6.59  | -8.09  | -7.96  | -10.7  | -16.24 | -15.05 | -15.05 |
| 2400      | 240 | -7.5   | -5.16  | -3.21  | -3.97  | -5.34  | -8.35  | -9.38  | -9.85  | -8.63  | -13.53 | -19.39 | -16.84 | -16.84 |
| 2400      | 255 | -5.94  | -4.76  | -3.09  | -4.04  | -7.08  | -8.76  | -19.91 | -11.44 | -8.32  | -11.67 | -11.31 | -9.75  | -9.75  |
| 2400      | 270 | -5.37  | -5.37  | -4.8   | -6.42  | -7.05  | -7.7   | -14.73 | -22.82 | -11.31 | -8.76  | -7.55  | -6.94  | -6.94  |
| 2400      | 285 | -5.24  | -6.43  | -8.24  | -8.26  | -5.83  | -7.1   | -9     | -10.78 | -23.6  | -12.89 | -8.98  | -10.49 | -10.49 |
| 2400      | 300 | -5.65  | -7.83  | -8.71  | -7.55  | -6.46  | -7.47  | -7.94  | -5.72  | -12.89 | -22.73 | -15.78 | -17.89 | -17.89 |
| 2400      | 315 | -6.5   | -9.21  | -6.09  | -5.69  | -7.51  | -10.13 | -8.92  | -7.51  | -12.25 | -16.07 | -16.55 | -21.79 | -21.79 |
| 2400      | 330 | -7.82  | -9.8   | -5.2   | -6.43  | -9.23  | -8.53  | -10.57 | -9.31  | -19.5  | -13.5  | -11.49 | -22.05 | -22.05 |
| 2400      | 345 | -10.38 | -11.06 | -5.88  | -7.35  | -10.28 | -10.89 | -10.83 | -11.38 | -18.23 | -15.97 | -14.21 | -16.56 | -16.56 |
| 2400      | 360 | -14.76 | -15.13 | -11.44 | -11.44 | -13.97 | -16.78 | -18.73 | -16.86 | -20.31 | -17.77 | -11.4  | -15.14 | -15.14 |
| 2450      | 0   | -15.32 | -13.98 | -15.82 | -15.06 | -18.39 | -21.71 | -19.37 | -22.12 | -25.51 | -24.37 | -15.92 | -16.07 | -16.07 |
| 2450      | 15  | -19.12 | -20.37 | -23.97 | -12.5  | -13.09 | -27.12 | -23.89 | -13.24 | -17.28 | -23.66 | -24.25 | -12.4  | -12.4  |
| 2450      | 30  | -18.58 | -29.92 | -11.43 | -7.09  | -7.31  | -12.37 | -12.49 | -8.13  | -10.36 | -17.23 | -30.32 | -8.53  | -8.53  |
| 2450      | 45  | -14.12 | -17.69 | -8.83  | -5.24  | -4.62  | -6.47  | -4.73  | -5.35  | -8.27  | -11.42 | -18.1  | -12.51 | -12.51 |
| 2450      | 60  | -11.68 | -12.82 | -9.06  | -6.37  | -4.99  | -4.07  | -2.11  | -2.03  | -7.05  | -10.01 | -16.08 | -18.89 | -18.89 |
| 2450      | 75  | -10.1  | -10.56 | -9.3   | -8.39  | -7.17  | -4.68  | -3.16  | -4.2   | -6.62  | -8.44  | -14.34 | -23.25 | -23.25 |
| 2450      | 90  | -8.71  | -8.96  | -7.96  | -6.44  | -8.13  | -6.47  | -8.72  | -8.74  | -8.11  | -8.53  | -15.58 | -23.91 | -23.91 |
| 2450      | 105 | -7.92  | -6.89  | -5.15  | -3.77  | -7.24  | -9.55  | -12.35 | -9.28  | -6.55  | -9.76  | -19.7  | -25.1  | -25.1  |
| 2450      | 120 | -7.41  | -5.44  | -4.16  | -3.08  | -5.84  | -8.44  | -11.58 | -5.58  | -5.9   | -12.07 | -22.27 | -24.92 | -24.92 |
| 2450      | 135 | -7.94  | -5.36  | -3.81  | -2.89  | -4.58  | -6.32  | -12.1  | -6.32  | -7.9   | -9.99  | -13.46 | -16.46 | -16.46 |
| 2450      | 150 | -9.03  | -6.02  | -4.18  | -3.47  | -3.99  | -7.77  | -12.97 | -10.93 | -8.03  | -5.02  | -9.69  | -17.18 | -17.18 |
| 2450      | 165 | -11.35 | -7.5   | -5.5   | -4.88  | -6.17  | -11.21 | -20.91 | -18.14 | -6.69  | -4.3   | -10.91 | -16.12 | -16.12 |
| 2450      | 180 | -15.24 | -10.89 | -8.86  | -6.61  | -9.38  | -15.26 | -25.72 | -15.22 | -6.13  | -4.82  | -6.15  | -15.09 | -15.09 |
| 2450      | 195 | -22.02 | -19.03 | -14.6  | -9.12  | -6.91  | -11.59 | -14.86 | -9.34  | -9.2   | -10.16 | -8.66  | -15.73 | -15.73 |
| 2450      | 210 | -21.86 | -21.37 | -14.47 | -7.91  | -3.92  | -6.57  | -8.42  | -5.76  | -8.96  | -11.19 | -17.8  | -14.51 | -14.51 |
| 2450      | 225 | -14.37 | -11.22 | -8.55  | -6.26  | -2.65  | -5.43  | -5.73  | -5.63  | -6.92  | -9.05  | -12.31 | -12.99 | -12.99 |
| 2450      | 240 | -10.68 | -7.86  | -6.15  | -5.06  | -4.29  | -6.46  | -8.09  | -8.59  | -8.94  | -16.14 | -17.26 | -16.53 | -16.53 |
| 2450      | 255 | -8.6   | -7.11  | -5     | -5.58  | -7.29  | -7.99  | -14.93 | -15.67 | -12.25 | -14.08 | -11.71 | -9.69  | -9.69  |
| 2450      | 270 | -7.49  | -7.62  | -5.55  | -5.6   | -6.3   | -6.83  | -9.85  | -21.86 | -13.28 | -8.9   | -7.44  | -6.74  | -6.74  |
| 2450      | 285 | -7.07  | -8.11  | -6.7   | -5.32  | -2.99  | -6.44  | -7.42  | -10.04 | -39.09 | -10.61 | -7.96  | -9.81  | -9.81  |
| 2450      | 300 | -7.11  | -8.6   | -5.26  | -4.42  | -4.32  | -7.19  | -7.37  | -6.57  | -16.33 | -15.82 | -12.11 | -15.45 | -15.45 |
| 2450      | 315 | -7.61  | -8.63  | -4.55  | -3.79  | -6.71  | -10.04 | -9.46  | -9.17  | -14.72 | -14.86 | -13.67 | -17.78 | -17.78 |
| 2450      | 330 | -8.57  | -8.93  | -4.84  | -5.14  | -10.14 | -12.58 | -9.09  | -10.53 | -17.82 | -12.5  | -12.08 | -18.82 | -18.82 |
| 2450      | 345 | -10.45 | -9.6   | -7.17  | -8.84  | -12.8  | -14.53 | -11.25 | -12.49 | -17.14 | -16.91 | -15.82 | -17.61 | -17.61 |
| 2450      | 360 | -15.32 | -13.98 | -15.82 | -15.06 | -18.39 | -21.71 | -19.37 | -22.12 | -25.51 | -24.37 | -15.92 | -16.07 | -16.07 |
| 2500      | 0   | -16.02 | -12.86 | -15.02 | -20    | -22.15 | -19.88 | -18.23 | -29.2  | -16.64 | -13.03 | -14.25 | -12.79 | -12.79 |
| 2500      | 15  | -20.41 | -19.52 | -20.71 | -10.1  | -10.51 | -12.15 | -20.12 | -16    | -12.4  | -15.31 | -22.74 | -11.21 | -11.21 |
| 2500      | 30  | -22.09 | -30.33 | -15.5  | -6.89  | -6.59  | -8.29  | -16.2  | -11.9  | -11.75 | -23.61 | -35    | -8.9   | -8.9   |
| 2500      | 45  | -23.59 | -17.01 | -12.25 | -6.83  | -5.57  | -6.27  | -7.68  | -7.42  | -11.2  | -10.38 | -13.98 | -12.6  | -12.6  |
| 2500      | 60  | -16.55 | -13.77 | -10.88 | -8.55  | -7.01  | -6.24  | -4.13  | -3.42  | -9.94  | -8.16  | -12.68 | -21.14 | -21.14 |
| 2500      | 75  | -13.49 | -12.31 | -11.05 | -11.32 | -10.54 | -6.95  | -4.42  | -3.16  | -6.41  | -6.72  | -11.43 | -26.91 | -26.91 |
| 2500      | 90  | -11.19 | -11.3  | -10.3  | -11.2  | -12.65 | -7.54  | -8.57  | -5.47  | -4.71  | -6.8   | -13.41 | -17.73 | -17.73 |
| 2500      | 105 | -10.05 | -9.95  | -7.42  | -6.03  | -9.48  | -10.86 | -13.54 | -9.09  | -5.09  | -8.07  | -15.93 | -22.12 | -22.12 |
| 2500      | 120 | -9.78  | -8.44  | -4.54  | -3.24  | -7.58  | -12.26 | -12.5  | -7.05  | -5.03  | -10.56 | -15.26 | -17.92 | -17.92 |
| 2500      | 135 | -9.58  | -7.33  | -4.11  | -3.76  | -6.04  | -10.1  | -12.47 | -6.21  | -5.26  | -10.49 | -18.21 | -17.84 | -17.84 |
| 2500      | 150 | -10.73 | -7.58  | -5.57  | -4.88  | -5.7   | -9.98  | -13.93 | -9.39  | -7.21  | -8.26  | -14.78 | -20.57 | -20.57 |
| 2500      | 165 | -12.54 | -9.48  | -8.65  | -7.23  | -5.38  | -11.92 | -21.87 | -19.98 | -10.6  | -6.69  | -16.09 | -20.14 | -20.14 |
| 2500      | 180 | -15.51 | -13.88 | -14.41 | -8.87  | -7.43  | -12.13 | -23.76 | -15.96 | -8.06  | -5.56  | -9.09  | -16.78 | -16.78 |
| 2500      | 195 | -21.24 | -28    | -37.26 | -13.83 | -7.62  | -8.96  | -15.21 | -10.12 | -8.39  | -9.23  | -7.96  | -19.44 | -19.44 |
| 2500      | 210 | -28.97 | -16.91 | -12.7  | -15.47 | -5.31  | -6.7   | -11.35 | -7.56  | -8.29  | -8.83  | -15.37 | -14.79 | -14.79 |
| 2500      | 225 | -18.4  | -10.32 | -6.61  | -8.97  | -4.78  | -5.12  | -7.98  | -7.53  | -6.74  | -7.49  | -9.49  | -16.77 | -16.77 |
| 2500      | 240 | -13.12 | -7.54  | -3.72  | -5.74  | -7.54  | -6.09  | -9.23  | -12.08 | -8.42  | -11.09 | -16.12 | -21.38 | -21.38 |
| 2500      | 255 | -11.35 | -6.55  | -3.38  | -4.69  | -8.93  | -6.98  | -11.62 | -21.27 | -20.26 | -23.24 | -16.8  | -12.91 | -12.91 |
| 2500      | 270 | -9.73  | -6.09  | -4.56  | -4.06  | -4.54  | -6.66  | -11.87 | -18.47 | -26.48 | -11.49 | -10.65 | -10.03 | -10.03 |
| 2500      | 285 | -8.82  | -6.04  | -5.36  | -4.37  | -2.32  | -5.57  | -10.33 | -10.08 | -20.17 | -10.94 | -8.97  | -12    | -12    |
| 2500      | 300 | -8.34  | -6.15  | -5.38  | -4.41  | -4.45  | -7.59  | -8.97  | -7.5   | -13.95 | -17.59 | -11.5  | -20.01 | -20.01 |
| 2500      | 315 | -8.58  | -6.54  | -4.76  | -5.44  | -8.6   | -12.56 | -8.66  | -8.38  | -15.51 | -16.79 | -28.18 | -28.18 | -28.18 |
| 2500      | 330 | -9.88  | -6.75  | -5.15  | -6.83  | -9.36  | -15.92 | -9.16  | -9.24  | -13.26 | -13.48 | -11.37 | -25.7  | -25.7  |
| 2500      | 345 | -11.26 | -8.31  | -7.87  | -12.27 | -13.03 | -18.31 | -12.24 | -11.72 | -13.97 | -12.99 | -14.71 | -25.66 | -25.66 |
| 2500      | 360 | -16.02 | -12.86 | -15.02 | -20    | -22.15 | -19.88 | -18.23 | -29.2  | -16.64 | -13.03 | -14.25 | -12.79 | -12.79 |

## Ant. Position: 2G ANT 6 GAIN THETA

| Frequency | Theta | 0      | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2400      | 0     | -5.4   | -12.86 | -17.94 | -22.33 | -26.92 | -31.3  | -35.18 | -38.9  | -42.5  | -45.2  | -48.6  | -51.3  | -54.1  |
| 2400      | 15    | -5.27  | -12.04 | -15.12 | -16.34 | -18.23 | -20.1  | -21.95 | -23.4  | -24.72 | -26.28 | -27.5  | -28.8  | -30.1  |
| 2400      | 30    | -5.68  | -11.98 | -15.8  | -17.89 | -20.17 | -22.58 | -24.02 | -25.68 | -27.19 | -28.76 | -30.59 | -32.45 | -34.3  |
| 2400      | 45    | -6.53  | -12.36 | -16.95 | -19.16 | -21.32 | -23.75 | -25.51 | -27.48 | -29.27 | -31.24 | -33.03 | -34.8  | -36.6  |
| 2400      | 60    | -7.85  | -12.88 | -18.62 | -20.56 | -22.41 | -24.31 | -26.2  | -28.17 | -30.1  | -32.08 | -34.03 | -35.9  | -37.8  |
| 2400      | 75    | -10.41 | -12.58 | -9.57  | -8.17  | -6.4   | -4.31  | -2.09  | -2.22  | -4.33  | -6.73  | -9.28  | -11.74 | -14.94 |
| 2400      | 90    | -14.79 | -12.03 | -7.28  | -6.42  | -2.33  | -1.77  | -1.46  | -1.54  | -3.69  | -7.1   | -10.2  | -13.46 | -15.46 |
| 2400      | 105   | -18.38 | -10.7  | -5.59  | -3.96  | -2.25  | -2.36  | -1.02  | -2.24  | -4.97  | -7.54  | -11.3  | -15.28 | -19.28 |
| 2400      | 120   | -16.56 | -8.15  | -3.1   | -1.15  | -0.58  | -2.99  | -2.42  | -7.28  | -7.57  | -11.66 | -17.33 | -23.29 | -29.29 |
| 2400      | 135   | -11.48 | -5.56  | -1.26  | -0.21  | -0.19  | -3.42  | -7.64  | -11.3  | -9.29  | -24.6  | -31.95 | -38.63 | -45.63 |
| 2400      | 150   | -8.76  | -3.33  | -0.65  | -0.67  | -0.82  | -4.81  | -8.16  | -6.99  | -9.4   | -17.03 | -24.1  | -31.01 | -38.01 |
| 2400      | 165   | -6.93  | -1.87  | -0.6   | -1.35  | -1.67  | -5.57  | -5.84  | -8.27  | -9.49  | -13.28 | -16.68 | -20.63 | -24.63 |
| 2400      | 180   | -6.08  | -0.92  | -0.44  | -1.14  | -0.19  | -5.02  | -5.77  | -9.99  | -6.18  | -11.74 | -10.79 | -20.88 | -20.88 |
| 2400      | 195   | -5.58  | -0.57  | -0.52  | -0.59  | 0.67   | -2.42  | -5.01  | -6.5   | -4.18  | -14.39 | -12.56 | -19.43 | -19.43 |
| 2400      | 210   | -5.73  | -0.84  | -1.05  | -0.71  | 0.25   | -1.16  | -3.81  | -5.98  | -5.43  | -17.74 | -20.88 | -14.18 | -14.18 |
| 2400      | 225   | -6.39  | -2.04  | -2.12  | -1.69  | -1.12  | -2.42  | -3.86  | -7.6   | -9.77  | -25.05 | -11.7  | -14.58 | -14.58 |
| 2400      | 240   | -7.83  | -4.12  | -4.02  | -3.22  | -2.31  | -5.36  | -5.27  | -7.94  | -13.93 | -19.15 | -10.93 | -13.28 | -13.28 |
| 2400      | 255   | -10.19 | -6.34  | -6.62  | -6.23  | -4.88  | -7.27  | -6.28  | -6.53  | -15.47 | -12.55 | -9.75  | -12.29 | -12.29 |
| 2400      | 270   | -15.49 | -8.1   | -8.46  | -8.85  | -5.24  | -6.04  | -6.5   | -7.47  | -12.38 | -10.35 | -9.04  | -13.26 | -13.26 |
| 2400      | 285   | -27.44 | -8.69  | -7.64  | -9.12  | -5.96  | -4.97  | -5.85  | -7.39  | -9.17  | -8.9   | -8.16  | -10.51 | -10.51 |
| 2400      | 300   | -16.29 | -8.41  | -7.75  | -9.17  | -7.2   | -6.44  | -5.36  | -8.52  | -6.58  | -6.75  | -7.85  | -10.62 | -10.62 |
| 2400      | 315   | -10.5  | -8.59  | -9.16  | -10.67 | -6.42  | -5.32  | -4.3   | -5.49  | -5.24  | -4.83  | -6.51  | -9.5   | -9.5   |
| 2400      | 330   | -7.53  | -10.26 | -14.83 | -12.38 | -4.98  | -2.83  | -1.71  | -2.99  | -3.79  | -4.54  | -3.1   | -8.24  | -8.24  |
| 2400      | 345   | -5.97  | -11.89 | -24.15 | -20.1  | -7.2   | -2.42  | -0.59  | -2.16  | -1.68  | -5.3   | -4.35  | -4.45  | -4.45  |
| 2400      | 360   | -5.4   | -12.86 | -17.94 | -22.33 | -26.92 | -31.3  | -35.18 | -38.9  | -42.5  | -45.2  | -48.6  | -51.3  | -54.1  |
| 2450      | 0     | -7.52  | -17.31 | -11.17 | -20.44 | -6.34  | -3.87  | -0.12  | -1.09  | 0.02   | -2.88  | -1.07  | -11.15 | -11.15 |
| 2450      | 15    | -7.1   | -17.6  | -11.15 | -15.62 | -5.09  | -4.15  | -0.77  | -1.48  | -0.68  | -4.02  | -0.83  | -10.91 | -10.91 |
| 2450      | 30    | -7.15  | -17.98 | -13.36 | -12.71 | -4.19  | -2.87  | -1.88  | -2.11  | -2.1   | -6.88  | -5.52  | -5.13  | -5.13  |
| 2450      | 45    | -7.65  | -21.05 | -14.09 | -9.95  | -2.87  | -2.08  | -2.36  | -2.54  | -3.33  | -10.3  | -5.4   | -14.07 | -14.07 |
| 2450      | 60    | -8.61  | -18.5  | -11.04 | -6.66  | -2.17  | -1.12  | -2.15  | -3     | -3.77  | -12.34 | -9.99  | -11.29 | -11.29 |
| 2450      | 75    | -10.49 | -14.17 | -8.42  | -5.63  | -2.37  | -0.34  | -1.87  | -2.57  | -3.81  | -11.91 | -11.59 | -14.99 | -14.99 |
| 2450      | 90    | -15.36 | -11.97 | -6.33  | -4.72  | -1.91  | -0.64  | -1.45  | -1.47  | -4.58  | -9.62  | -16.62 | -12.63 | -12.63 |
| 2450      | 105   | -19.16 | -10.1  | -4.72  | -3.32  | -1.69  | -1.77  | -0.94  | -1.5   | -6.08  | -8.34  | -43.64 | -12.07 | -12.07 |
| 2450      | 120   | -18.62 | -8.21  | -2.91  | -0.91  | -0.65  | -2.83  | -1.94  | -4.82  | -8.53  | -10.89 | -21.18 | -11.19 | -11.19 |
| 2450      | 135   | -14.16 | -6.42  | -1.06  | 0.32   | -0.36  | -2.23  | -7.32  | -9.23  | -12.37 | -19.56 | -14.16 | -13.21 | -13.21 |
| 2450      | 150   | -11.71 | -4.71  | -0.38  | 0.29   | -0.76  | -4.57  | -7.36  | -6.45  | -13.37 | -15.33 | -10.72 | -10.05 | -10.05 |
| 2450      | 165   | -10.13 | -3.16  | -0.2   | -0.09  | -1.33  | -4.47  | -4.32  | -6.73  | -10.21 | -10.48 | -17.65 | -12.35 | -12.35 |
| 2450      | 180   | -8.75  | -2.32  | 0.05   | 0.5    | 0.37   | -4.81  | -4.31  | -11.83 | -6.4   | -11.31 | -10.75 | -19.48 | -19.48 |
| 2450      | 195   | -7.95  | -1.79  | 0.29   | 0.88   | 1.08   | -3.41  | -4.5   | -8.46  | -4.74  | -14.53 | -12.24 | -17.42 | -17.42 |
| 2450      | 210   | -7.45  | -2.04  | -0.13  | 0.88   | 0.54   | -1.71  | -4     | -6.8   | -5.13  | -21.8  | -18.75 | -13.16 | -13.16 |
| 2450      | 225   | -7.97  | -2.92  | -1.07  | 0.14   | -0.93  | -2.78  | -4.63  | -7.27  | -8.94  | -26.81 | -10.57 | -14.23 | -14.23 |
| 2450      | 240   | -9.07  | -4.44  | -2.87  | -1.71  | -2.94  | -5.51  | -6.41  | -8.57  | -14.84 | -20.07 | -10.73 | -14.58 | -14.58 |
| 2450      | 255   | -11.39 | -6.54  | -5.66  | -5.04  | -4.28  | -6.93  | -8.52  | -7.04  | -19.63 | -13.27 | -10.57 | -12.58 | -12.58 |
| 2450      | 270   | -15.27 | -7.78  | -6.9   | -6.76  | -4.71  | -5.69  | -7.37  | -7.49  | -16.44 | -12.45 | -8.98  | -13.03 | -13.03 |
| 2450      | 285   | -22.07 | -7.68  | -6.79  | -6.44  | -4.86  | -3.62  | -6.13  | -6.04  | -8.61  | -10.51 | -7.47  | -9.47  | -9.47  |
| 2450      | 300   | -21.89 | -8.4   | -7.69  | -7.14  | -4.44  | -3.54  | -4.17  | -5     | -4.98  | -6.31  | -6.12  | -7.87  | -7.87  |
| 2450      | 315   | -14.4  | -10.45 | -11.52 | -9.01  | -4.58  | -2.34  | -2     | -2.79  | -3.59  | -3.54  | -4.49  | -7.42  | -7.42  |
| 2450      | 330   | -10.72 | -13.83 | -21.74 | -11.51 | -5.18  | -0.85  | -0.01  | -1.5   | -1.63  | -3.28  | -1.44  | -6.33  | -6.33  |
| 2450      | 345   | -8.63  | -18.85 | -16.41 | -16.29 | -6.78  | -1.86  | 0.43   | -0.76  | -0.02  | -3.25  | -3.3   | -2.76  | -2.76  |
| 2450      | 360   | -7.52  | -17.31 | -11.17 | -20.44 | -6.34  | -3.87  | -0.12  | -1.09  | 0.02   | -2.88  | -1.07  | -11.15 | -11.15 |
| 2500      | 0     | -9.73  | -15.04 | -11.56 | -24.61 | -6.3   | -3     | -1.73  | -0.6   | -1.5   | -2.46  | -1.89  | -10.96 | -10.96 |
| 2500      | 15    | -8.83  | -14.77 | -11.19 | -19.68 | -5.33  | -2.21  | -2.02  | -1.13  | -1.45  | -4.15  | -1.54  | -8.33  | -8.33  |
| 2500      | 30    | -8.34  | -17.28 | -13.42 | -13.76 | -5.85  | -2.39  | -2.4   | -1.87  | -1.68  | -7.09  | -7.62  | -5.12  | -5.12  |
| 2500      | 45    | -8.59  | -20.96 | -15.56 | -9.41  | -4.72  | -2.62  | -2.56  | -2.37  | -2.35  | -7.48  | -7.74  | -14.09 | -14.09 |
| 2500      | 60    | -9.88  | -17.93 | -11.34 | -6.59  | -2.8   | -1.4   | -2.12  | -1.92  | -3.19  | -7.96  | -14.85 | -9.6   | -9.6   |
| 2500      | 75    | -11.27 | -12.06 | -7.13  | -4.13  | -1.75  | -0.31  | -1.14  | -1.12  | -3.77  | -8.04  | -18.79 | -13.28 | -13.28 |
| 2500      | 90    | -16.03 | -8.68  | -4.5   | -2.72  | -1.57  | -0.02  | -0.93  | -0.74  | -4.35  | -9.3   | -27.23 | -10.65 | -10.65 |
| 2500      | 105   | -20.42 | -7     | -3.27  | -2.06  | -2.08  | -0.74  | -1.81  | -0.94  | -5.75  | -10.25 | -35.51 | -11.41 | -11.41 |
| 2500      | 120   | -22.1  | -6.42  | -2.24  | -0.7   | -1.3   | -2.29  | -2.98  | -3     | -8.95  | -12.6  | -22.83 | -12.79 | -12.79 |
| 2500      | 135   | -23.6  | -6.42  | -1.71  | 0.52   | -0.6   | -2.77  | -6.2   | -6.99  | -13.56 | -17    | -16.74 | -13.33 | -13.33 |
| 2500      | 150   | -16.56 | -5.45  | -1.24  | 0.68   | -0.52  | -4.42  | -7.44  | -6.17  | -16.07 | -14.38 | -11.37 | -9.29  | -9.29  |
| 2500      | 165   | -13.5  | -4.06  | -0.78  | -0.15  | -1.23  | -4.59  | -4.27  | -4.97  | -12.2  | -9.83  | -17.07 | -10    | -10    |
| 2500      | 180   | -11.19 | -2.88  | -0.76  | -0.01  | -0.66  | -3.52  | -2.38  | -8.23  | -7.93  | -9.87  | -10.34 | -16.04 | -16.04 |
| 2500      | 195   | -10.06 | -2.32  | -0.82  | 1.21   | 1.2    | -2.62  | -2.65  | -12.74 | -5.43  | -11.2  | -12.41 | -12.79 | -12.79 |
| 2500      | 210   | -9.78  | -2.16  | -0.71  | 1.57   | 1.48   | -1.47  | -3.59  | -9.43  | -4.6   | -18.29 | -19.74 | -11.91 | -11.91 |
| 2500      | 225   | -9.59  | -2.67  | -1.15  | 0.7    | -0.18  | -1.91  | -5.3   | -8.15  | -7.38  | -31.22 | -10.13 | -14.01 | -14.01 |
| 2500      | 240   | -10.74 | -3.76  | -2.75  | -1.49  | -2.64  | -4.51  | -7.74  | -9.09  | -13.18 | -21.28 | -11.21 | -13.3  | -13.3  |
| 2500      | 255   | -12.54 | -5.2   | -4.55  | -4.69  | -4.77  | -7.11  | -10.01 | -7.24  | -15.9  | -15.75 | -11.12 | -10.58 | -10.58 |
| 2500      | 270   | -15.51 | -6.12  | -5.7   | -6.04  | -4.37  | -6.85  | -7.51  | -6.6   | -14.38 | -13.75 | -8.49  | -9.91  | -9.91  |
| 2500      | 285   | -21.24 | -7.57  | -6.2   | -7.09  | -3.72  | -4.26  | -5.42  | -4.99  | -7.45  | -9.47  | -6.84  | -6.84  | -6.84  |
| 2500      | 300   | -28.98 | -8.68  | -7.51  | -9.28  | -4.29  | -3.15  | -3.35  | -4.24  | -3.68  | -5.64  | -5.67  | -6.05  | -6.05  |
| 2500      | 315   | -18.4  | -11.12 | -10.59 | -13.11 | -6.19  | -2.5   | -1.18  | -3.45  | -2.72  | -2.56  | -5.08  | -6.32  | -6.32  |
| 2500      | 330   | -13.13 | -16.08 | -18.84 | -21.75 | -8.79  | -2.66  | 0.03   | -2.07  | -2.19  | -2.09  | -2.32  | -5.65  | -5.65  |
| 2500      | 345   | -11.36 | -18.95 | -15.81 | -36.78 | -8.86  | -3.64  | -0.85  | -0.92  | -1.94  | -2     | -4     | -3.05  | -3.05  |
| 2500      | 360   | -9.73  | -15.04 | -11.56 | -24.61 | -6.3   | -3     | -1.73  | -0.6   | -1.5   | -2.46  | -1.89  | -10.96 | -10.96 |

## Ant. Position: 2G ANT 7 GAIN PHI

| Frequency | Phi | 0      | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2400      | 0   | -12.21 | -15.06 | -14.64 | -15.81 | -11.6  | -15.06 | -26.55 | -15.51 | -11.41 | -11.82 | -26.78 | -6.91  | -6.91  |
| 2400      | 15  | -14.02 | -19.85 | -15.73 | -15.27 | -13.57 | -17.93 | -24.04 | -29.24 | -16.38 | -15.17 | -30.28 | -10.17 | -10.17 |
| 2400      | 30  | -14.8  | -27.19 | -17.27 | -12.8  | -13.46 | -21.25 | -15.75 | -14.84 | -18.08 | -19.38 | -19.03 | -12.98 | -12.98 |
| 2400      | 45  | -12.84 | -14.55 | -15.8  | -10.39 | -9.79  | -20.76 | -10.73 | -9.55  | -18.47 | -37.06 | -12.82 | -14.84 | -14.84 |
| 2400      | 60  | -10.24 | -9.87  | -11.3  | -8.83  | -6.91  | -9.67  | -7.91  | -8.81  | -18.04 | -22.1  | -18.92 | -17.64 | -17.64 |
| 2400      | 75  | -8.74  | -7.51  | -8.78  | -9.33  | -5.72  | -5.97  | -8.04  | -9.42  | -12.56 | -15.96 | -25.85 | -23.99 | -23.99 |
| 2400      | 90  | -7.6   | -6.5   | -7.75  | -11.35 | -7.63  | -7.67  | -7.98  | -10.4  | -9.28  | -10.94 | -13.86 | -14.15 | -14.15 |
| 2400      | 105 | -7.04  | -6.17  | -7.59  | -12.7  | -17.51 | -11.07 | -10.68 | -10.64 | -11.7  | -10.85 | -8.94  | -6.69  | -6.69  |
| 2400      | 120 | -6.76  | -6.44  | -8.45  | -13.87 | -38    | -18.27 | -19.28 | -21.97 | -38.66 | -16.25 | -9.65  | -8.02  | -8.02  |
| 2400      | 135 | -6.97  | -8.12  | -9.62  | -11.79 | -21.68 | -25.61 | -11.69 | -15.77 | -15.09 | -23.6  | -16.3  | -12.05 | -12.05 |
| 2400      | 150 | -7.93  | -10.91 | -12.44 | -12.27 | -20.67 | -26.98 | -10.52 | -10.09 | -9.78  | -10.68 | -23.18 | -12.94 | -12.94 |
| 2400      | 165 | -9.64  | -14.37 | -16.82 | -13.8  | -16.36 | -17.82 | -13.12 | -13.29 | -9.73  | -6.99  | -13.5  | -16.45 | -16.45 |
| 2400      | 180 | -12.78 | -14.85 | -15.17 | -13.54 | -13.15 | -11.77 | -21.34 | -21.21 | -9.79  | -8.79  | -10    | -10.41 | -10.41 |
| 2400      | 195 | -17.16 | -12.15 | -12.34 | -11.48 | -12.65 | -11.12 | -12.53 | -18.22 | -12.12 | -14.78 | -8.06  | -11.56 | -11.56 |
| 2400      | 210 | -18.21 | -12.93 | -11.58 | -11.1  | -12.32 | -15.43 | -21.2  | -35.98 | -26.01 | -12.82 | -14.22 | -20.75 | -20.75 |
| 2400      | 225 | -14.49 | -12.36 | -12.95 | -11.78 | -12.6  | -14.55 | -12.98 | -12.06 | -12.02 | -10.49 | -8.97  | -14.29 | -14.29 |
| 2400      | 240 | -11.7  | -12.01 | -12.14 | -12.95 | -9.27  | -11.48 | -10.25 | -12.59 | -13.61 | -9.34  | -7.61  | -10.61 | -10.61 |
| 2400      | 255 | -9.69  | -11.39 | -12.6  | -11.92 | -8.55  | -10.71 | -19.51 | -17.44 | -14.91 | -8.65  | -7.68  | -10.02 | -10.02 |
| 2400      | 270 | -8.67  | -11.41 | -10    | -9.12  | -9.42  | -14.74 | -19.45 | -16.1  | -18.47 | -9.22  | -8.23  | -7.86  | -7.86  |
| 2400      | 285 | -8.02  | -11.61 | -8.92  | -7.18  | -11.95 | -23.47 | -12.29 | -14.26 | -14.13 | -8.86  | -9.29  | -8.25  | -8.25  |
| 2400      | 300 | -7.86  | -12.12 | -7.37  | -6.56  | -15.79 | -22.84 | -13.44 | -14.72 | -10.5  | -7.96  | -8.62  | -10.82 | -10.82 |
| 2400      | 315 | -8.01  | -12.04 | -7.83  | -8.23  | -17.66 | -15.25 | -14.95 | -10.33 | -6.18  | -8.48  | -9.14  | -10.98 | -10.98 |
| 2400      | 330 | -8.73  | -12.43 | -9.91  | -10.38 | -13.66 | -13.43 | -17.16 | -9.19  | -6.15  | -8.2   | -11.55 | -11.4  | -11.4  |
| 2400      | 345 | -10.07 | -12.7  | -13.02 | -13.62 | -11.74 | -13.1  | -24.21 | -11.29 | -8.26  | -10.24 | -14.65 | -8.91  | -8.91  |
| 2400      | 360 | -12.21 | -15.06 | -14.64 | -15.81 | -11.6  | -15.06 | -26.55 | -15.51 | -11.41 | -11.82 | -26.78 | -6.91  | -6.91  |
| 2450      | 0   | -12.12 | -14.86 | -12.98 | -18.54 | -23.96 | -18.59 | -21.07 | -15.9  | -13.17 | -18.94 | -7.64  | -7.64  | -7.64  |
| 2450      | 15  | -16.65 | -18.8  | -12.49 | -16.41 | -14.44 | -14.03 | -17.68 | -35.58 | -27.96 | -22.11 | -44.9  | -12.04 | -12.04 |
| 2450      | 30  | -32.17 | -17.72 | -10.72 | -11.68 | -10.61 | -13.08 | -18.33 | -21.73 | -24.16 | -24.49 | -19.92 | -13.1  | -13.1  |
| 2450      | 45  | -17.71 | -13.37 | -8.73  | -8.09  | -8.72  | -15.77 | -22.03 | -16.24 | -27.62 | -19.25 | -13.56 | -12.8  | -12.8  |
| 2450      | 60  | -12.81 | -10.57 | -8.04  | -7.24  | -8.52  | -11.59 | -10.24 | -13.47 | -14.68 | -13.63 | -18.03 | -13.52 | -13.52 |
| 2450      | 75  | -10.01 | -8.61  | -8.03  | -7.5   | -7.73  | -7.93  | -8.28  | -11.31 | -10.78 | -11.91 | -22.21 | -14.57 | -14.57 |
| 2450      | 90  | -8.13  | -7.7   | -9.59  | -8.38  | -8.51  | -10.1  | -8.14  | -11.13 | -10.74 | -12.7  | -18.11 | -10.08 | -10.08 |
| 2450      | 105 | -6.67  | -7.17  | -11    | -12.9  | -14.74 | -14.12 | -13.07 | -12.27 | -19.05 | -12.89 | -11.81 | -6.49  | -6.49  |
| 2450      | 120 | -6.02  | -7.23  | -11.14 | -14.45 | -28.32 | -23.1  | -18.85 | -18.67 | -16.02 | -16.96 | -10.91 | -8.9   | -8.9   |
| 2450      | 135 | -6.01  | -7.29  | -11.38 | -9.57  | -14.68 | -27.3  | -10.63 | -10.03 | -17.33 | -27.39 | -13.24 | -12.44 | -12.44 |
| 2450      | 150 | -6.81  | -7.85  | -10.78 | -7.38  | -14.44 | -21.63 | -11.96 | -10.49 | -14.21 | -9.86  | -17.27 | -13.78 | -13.78 |
| 2450      | 165 | -8.91  | -8.75  | -11.31 | -8.3   | -13.75 | -12.51 | -12.15 | -11.8  | -7     | -5.59  | -13.95 | -16.65 | -16.65 |
| 2450      | 180 | -12.25 | -10.73 | -12.88 | -11.29 | -10.93 | -10.04 | -12.83 | -10.58 | -6.57  | -6.82  | -12.11 | -8.68  | -8.68  |
| 2450      | 195 | -18.12 | -13.24 | -16.15 | -14.36 | -10.89 | -14.58 | -17.87 | -13.57 | -11    | -14.6  | -13.44 | -8.45  | -8.45  |
| 2450      | 210 | -25.45 | -17.14 | -19.75 | -15.51 | -15.88 | -21.33 | -13.9  | -16.39 | -20.02 | -15.06 | -14.82 | -11.74 | -11.74 |
| 2450      | 225 | -17.55 | -17.15 | -27.96 | -16.07 | -13.25 | -10.47 | -6.08  | -6.84  | -9.37  | -8.79  | -8.93  | -11.46 | -11.46 |
| 2450      | 240 | -12.13 | -13.73 | -21.38 | -16.87 | -9.68  | -9.77  | -6.22  | -6.62  | -8.4   | -7.83  | -8.92  | -9.51  | -9.51  |
| 2450      | 255 | -9.33  | -11.23 | -11.86 | -20.32 | -12.72 | -14.22 | -13.94 | -10.84 | -8.27  | -7.68  | -9.9   | -11    | -11    |
| 2450      | 270 | -7.22  | -9.62  | -7.86  | -11.55 | -17.5  | -37.36 | -16.47 | -17.02 | -11.62 | -9.47  | -10.36 | -10.9  | -10.9  |
| 2450      | 285 | -6.36  | -8.08  | -6.26  | -7.54  | -13.41 | -18.37 | -15.87 | -15.37 | -10.5  | -8.56  | -10.34 | -10.84 | -10.84 |
| 2450      | 300 | -6.29  | -7.16  | -5.78  | -6.77  | -12.77 | -18.3  | -16.25 | -9.9   | -7.95  | -6.46  | -8.64  | -13.8  | -13.8  |
| 2450      | 315 | -6.51  | -6.97  | -6.56  | -8.09  | -20.19 | -17.82 | -12.98 | -7.83  | -5.46  | -5.54  | -8.28  | -12.95 | -12.95 |
| 2450      | 330 | -7.42  | -8.03  | -8.59  | -12.74 | -24.83 | -13.69 | -12.11 | -9.43  | -6.23  | -5.74  | -10.83 | -11.59 | -11.59 |
| 2450      | 345 | -8.8   | -10.33 | -11.05 | -17.23 | -25.4  | -17.12 | -12.65 | -13.71 | -8.23  | -8.13  | -14.07 | -7.63  | -7.63  |
| 2450      | 360 | -12.12 | -14.86 | -12.98 | -18.54 | -23.96 | -18.59 | -21.07 | -15.9  | -13.17 | -18.94 | -7.64  | -7.64  | -7.64  |
| 2500      | 0   | -11.34 | -12.97 | -11.31 | -20.81 | -37.67 | -24.01 | -19.72 | -18.42 | -24.43 | -19.31 | -23.61 | -10.97 | -10.97 |
| 2500      | 15  | -14.68 | -13.77 | -11.12 | -16.73 | -21.42 | -18.39 | -17.87 | -41.53 | -21.07 | -26.15 | -22.6  | -16.42 | -16.42 |
| 2500      | 30  | -18.33 | -14.16 | -10.61 | -12.46 | -12.81 | -14.82 | -18.04 | -19.99 | -18.12 | -23.96 | -19.4  | -18.8  | -18.8  |
| 2500      | 45  | -17.17 | -14.66 | -10.75 | -11.77 | -11.1  | -15.88 | -30.46 | -17.7  | -18.16 | -18.4  | -15.06 | -14.79 | -14.79 |
| 2500      | 60  | -12.76 | -14.83 | -12.66 | -10.94 | -11.94 | -27.75 | -18.98 | -29.19 | -14.63 | -13.71 | -16.05 | -14.77 | -14.77 |
| 2500      | 75  | -10.29 | -14.67 | -16.24 | -11.01 | -11.58 | -14.86 | -15.01 | -16.61 | -12.52 | -14.05 | -17.46 | -15.82 | -15.82 |
| 2500      | 90  | -8.41  | -13.07 | -20.32 | -11.1  | -9.19  | -14.13 | -13.53 | -15.2  | -18    | -21.28 | -25.55 | -10.44 | -10.44 |
| 2500      | 105 | -7.56  | -10.97 | -21.42 | -14.43 | -13.05 | -15.95 | -20.73 | -21.2  | -20.57 | -18.57 | -16.55 | -6.64  | -6.64  |
| 2500      | 120 | -7.23  | -9.69  | -17.06 | -15.78 | -20.67 | -27.28 | -21.64 | -14.7  | -12.04 | -21.06 | -12.8  | -8.42  | -8.42  |
| 2500      | 135 | -7.36  | -8.69  | -12.71 | -9.79  | -12.18 | -23.37 | -12.12 | -9.61  | -12.04 | -28.25 | -14.46 | -11.94 | -11.94 |
| 2500      | 150 | -7.77  | -8.17  | -10.45 | -7.35  | -14.22 | -21.96 | -12.02 | -11.49 | -19.04 | -11.78 | -17.86 | -12.6  | -12.6  |
| 2500      | 165 | -8.85  | -8.66  | -9.12  | -7.76  | -14.93 | -14.33 | -14.21 | -16.23 | -9.42  | -7.37  | -18.1  | -14.92 | -14.92 |
| 2500      | 180 | -10.31 | -10.16 | -9.31  | -9.75  | -12.58 | -11.36 | -12.82 | -11.34 | -7.85  | -8.33  | -17.94 | -10.71 | -10.71 |
| 2500      | 195 | -13.12 | -14.24 | -10.8  | -11.15 | -11.93 | -14.1  | -18.53 | -17.84 | -12.27 | -17.15 | -15.83 | -9     | -9     |
| 2500      | 210 | -17.14 | -28.4  | -13.44 | -11.88 | -17.42 | -24.72 | -13.13 | -14.06 | -19.07 | -12.37 | -13.33 | -10.59 | -10.59 |
| 2500      | 225 | -21.7  | -17.44 | -19.19 | -11.91 | -11.6  | -12.25 | -6.73  | -5.89  | -9.03  | -8.27  | -7.61  | -10.38 | -10.38 |
| 2500      | 240 | -17.44 | -11.3  | -24.84 | -11.59 | -8.31  | -11.07 | -7.17  | -5.77  | -7.21  | -7.5   | -9.05  | -9.37  | -9.37  |
| 2500      | 255 | -12.6  | -8.62  | -17.79 | -16.05 | -11.75 | -12.17 | -13.77 | -9.71  | -7.88  | -8.85  | -10.78 | -9.4   | -9.4   |
| 2500      | 270 | -9.23  | -7.69  | -12.74 | -21.44 | -20.3  | -18.28 | -14.89 | -14.39 | -11.55 | -12.02 | -13.1  | -12    | -12    |
| 2500      | 285 | -7.35  | -8.02  | -11.24 | -13.73 | -20.6  | -25.54 | -20.67 | -16.62 | -11.65 | -12.29 | -14.03 | -12.47 | -12.47 |
| 2500      | 300 | -6.36  | -9.11  | -9.62  | -13.1  | -21.86 | -24.24 | -17.79 | -12.24 | -9.11  | -10    | -12.04 | -15.19 | -15.19 |
| 2500      | 315 | -6.32  | -9.65  | -9.29  | -14.69 | -20.85 | -17.24 | -14.36 | -11.09 | -7.45  | -6.91  | -11.08 | -14.76 | -14.76 |
| 2500      | 330 | -7.13  | -9.9   | -9.51  | -17.23 | -18.09 | -13.16 | -13.09 | -12.71 | -9.08  | -7.95  | -13.3  | -13.28 | -13.28 |
| 2500      | 345 | -8.52  | -11.17 | -10.58 | -20.89 | -19.99 | -17.06 | -14.4  | -14.14 | -12.42 | -10.54 | -17.85 | -9.12  | -9.12  |
| 2500      | 360 | -11.34 | -12.97 | -11.31 | -20.81 | -37.67 | -24.01 | -19.72 | -18.42 | -24.43 | -19.31 | -23.61 | -10.97 | -10.97 |

## Ant. Position: 2G ANT 7 GAIN THETA

| Frequency/Theta | 0      | 15     | 30     | 45    | 60    | 75    | 90    | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------------|--------|--------|--------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 2400 0          | -8.69  | -5.1   | -4.07  | -5.72 | -2.92 | -4.19 | -2.75 | -2.16  | -8.23  | -9.41  | -4.9   | -11.18 | -11.18 |
| 2400 15         | -8.05  | -4.44  | -4.08  | -5.44 | -1.37 | -1.22 | -0.33 | -0.85  | -4.3   | -6.22  | -2.22  | -16.86 | -16.86 |
| 2400 30         | -7.89  | -3.91  | -2.85  | -3.48 | 0.2   | 1     | 1.14  | 0.24   | -1.86  | -4.72  | -4.6   | -5.63  | -5.63  |
| 2400 45         | -8.04  | -3.61  | -1.49  | -1.35 | 1.11  | 0.9   | 0.24  | -0.05  | -2.93  | -4.91  | -2.87  | -8.56  | -8.56  |
| 2400 60         | -8.76  | -2.91  | -0.72  | -0.08 | 0.76  | -1.25 | -2.2  | -2.11  | -6.84  | -4.94  | -4.63  | -13.23 | -13.23 |
| 2400 75         | -10.09 | -4.77  | -0.98  | -0.22 | -0.24 | -2.52 | -1.24 | -2.62  | -4.47  | -2.62  | -5.8   | -9.39  | -9.39  |
| 2400 90         | -12.24 | -6.88  | -2.22  | -1.92 | -1.52 | -0.91 | 0.18  | -2.45  | -1.56  | -2.28  | -6.2   | -7.77  | -7.77  |
| 2400 105        | -14.05 | -9.4   | -4.32  | -4.95 | -3.79 | -1.51 | -1.5  | -2.71  | -4.26  | -4.54  | -6.95  | -9.49  | -9.49  |
| 2400 120        | -14.83 | -12.42 | -6.64  | -8.3  | -5.65 | -5.25 | -5.58 | -5.73  | -16.79 | -7.95  | -7.56  | -11.9  | -11.9  |
| 2400 135        | -12.87 | -16.2  | -6.95  | -9.81 | -4.35 | -8.13 | -8.1  | -9.12  | -11.95 | -8.22  | -9.06  | -18.56 | -18.56 |
| 2400 150        | -10.36 | -18.29 | -5.92  | -8.77 | -2.87 | -6.9  | -5.32 | -10.61 | -7.38  | -6.56  | -10.3  | -14.65 | -14.65 |
| 2400 165        | -8.77  | -17.23 | -5.07  | -6.12 | -2.11 | -5.07 | -2.72 | -5.48  | -5.66  | -6.27  | -14.24 | -20.22 | -20.22 |
| 2400 180        | -7.63  | -18.71 | -4.72  | -4.05 | -1.6  | -3.52 | -1.74 | -3.3   | -4.26  | -6.87  | -14.6  | -23.05 | -23.05 |
| 2400 195        | -7.06  | -22.32 | -5.19  | -3.18 | -0.99 | -3.28 | -2.15 | -2.82  | -4.15  | -9.76  | -15.47 | -17.41 | -17.41 |
| 2400 210        | -6.78  | -18.98 | -5.66  | -3.48 | -0.49 | -3.12 | -2.48 | -4.64  | -6.11  | -11.24 | -21.69 | -10.65 | -10.65 |
| 2400 225        | -6.99  | -13.99 | -5.25  | -3.96 | -0.43 | -3.44 | -4.64 | -5.8   | -6.87  | -7.49  | -10.35 | -10.38 | -10.38 |
| 2400 240        | -7.96  | -10.56 | -4.65  | -3.55 | -0.63 | -2.5  | -6.51 | -7.22  | -5.34  | -5.78  | -9.12  | -9.86  | -9.86  |
| 2400 255        | -9.67  | -8.83  | -3.85  | -2.9  | -1.25 | -1.43 | -1.27 | -4.89  | -3.81  | -4.09  | -7.22  | -6.81  | -6.81  |
| 2400 270        | -12.81 | -8.23  | -3.82  | -2.15 | -1.32 | 0.28  | 1.52  | -1.69  | -3.96  | -3.36  | -7.78  | -4.93  | -4.93  |
| 2400 285        | -17.19 | -7.99  | -3.53  | -1.83 | 0.13  | 1.31  | 2.03  | -0.17  | -3.91  | -4.08  | -9.93  | -5.22  | -5.22  |
| 2400 300        | -18.24 | -7.26  | -2.97  | -1.33 | 0.87  | 1.22  | 1.07  | -0.08  | -4.04  | -5.83  | -11.45 | -8.03  | -8.03  |
| 2400 315        | -14.52 | -6.68  | -2.5   | -1.7  | 0.81  | 0.86  | -0.37 | -0.74  | -4.63  | -9.01  | -17.29 | -8.22  | -8.22  |
| 2400 330        | -11.73 | -6.05  | -2.84  | -0.68 | -0.83 | -1.1  | -1.7  | -1.28  | -6.64  | -12.69 | -13.05 | -11.36 | -11.36 |
| 2400 345        | -9.72  | -5.43  | -3.44  | -4.21 | -2.57 | -3.53 | -3.6  | -2.2   | -9.06  | -14.39 | -11.5  | -5.48  | -5.48  |
| 2400 360        | -8.69  | -5.1   | -4.07  | -5.72 | -2.92 | -4.19 | -2.75 | -2.16  | -8.23  | -9.41  | -4.9   | -11.18 | -11.18 |
| 2450 0          | -7.26  | -6.64  | -9.81  | -10   | -4.99 | -4.03 | -2.32 | -2.17  | -6.53  | -9.07  | -10.17 | -11.61 | -11.61 |
| 2450 15         | -6.29  | -6.04  | -9.23  | -9.49 | -3.28 | -2.23 | -0.42 | -1.44  | -3.5   | -6.67  | -6.08  | -16.18 | -16.18 |
| 2450 30         | -6.32  | -5.21  | -7.1   | -5.15 | -0.48 | 0.65  | 1.46  | -0.15  | -1.25  | -4.99  | -6.06  | -4.48  | -4.48  |
| 2450 45         | -6.55  | -4.99  | -4.65  | -2.07 | 0.82  | 1.39  | 1.13  | -0.35  | -1.96  | -5.18  | -2.72  | -7.8   | -7.8   |
| 2450 60         | -7.46  | -4.69  | -2.84  | -0.8  | 0.5   | -1.88 | -2.22 | -2.74  | -5.79  | -4.57  | -3.45  | -11.75 | -11.75 |
| 2450 75         | -8.84  | -4.87  | -2.27  | -0.55 | -0.84 | -5.12 | -1.95 | -3.82  | -3.34  | -1.93  | -4.92  | -8.85  | -8.85  |
| 2450 90         | -12.16 | -5.4   | -2.3   | -1.28 | -1.9  | -1.44 | 0.87  | -1.92  | -0.81  | -1.63  | -4.52  | -8.05  | -8.05  |
| 2450 105        | -16.69 | -6.42  | -2.93  | -2.97 | -3.14 | -1.13 | -0.72 | -1.9   | -3.01  | -2.81  | -4.4   | -10.05 | -10.05 |
| 2450 120        | -32.2  | -8.34  | -4.2   | -5.53 | -4.95 | -3.55 | -4.4  | -3.51  | -9.79  | -3.91  | -5.16  | -11.23 | -11.23 |
| 2450 135        | -17.74 | -11.16 | -5.17  | -7.83 | -4.31 | -4.3  | -5.01 | -4.91  | -26.24 | -4.8   | -5.7   | -18.48 | -18.48 |
| 2450 150        | -12.84 | -13.84 | -5.59  | -9.45 | -2.57 | -2.14 | -3.3  | -5.88  | -16.4  | -5.92  | -6.87  | -17.61 | -17.61 |
| 2450 165        | -10.05 | -14.52 | -5.94  | -8.11 | -1.66 | -1.07 | -2.27 | -5.19  | -9.69  | -8.18  | -12.04 | -27.54 | -27.54 |
| 2450 180        | -8.16  | -12.99 | -6.44  | -6.19 | -0.82 | -1.8  | -2.95 | -5.02  | -7.03  | -9.82  | -11.77 | -22.57 | -22.57 |
| 2450 195        | -6.71  | -10.94 | -6.18  | -4.75 | 0.2   | -1.99 | -3.66 | -6.27  | -7.33  | -11.69 | -17.59 | -24.65 | -24.65 |
| 2450 210        | -6.05  | -9.31  | -5.79  | -3.05 | 1.11  | -1.02 | -3.94 | -5.62  | -9.87  | -10.58 | -29.37 | -15.67 | -15.67 |
| 2450 225        | -6.04  | -8.02  | -5.06  | -2.3  | 1.66  | 0.23  | -4.12 | -4.02  | -6.87  | -6.88  | -16.23 | -11.96 | -11.96 |
| 2450 240        | -6.84  | -7.62  | -4.54  | -2.01 | 0.53  | 0.11  | -3.42 | -2.96  | -2.18  | -3.51  | -11.76 | -10.44 | -10.44 |
| 2450 255        | -8.95  | -7.8   | -4.07  | -1.49 | -0.07 | -0.24 | 0.04  | -2.06  | -0.23  | -0.94  | -10.12 | -7.16  | -7.16  |
| 2450 270        | -12.29 | -8.65  | -4.2   | -1.08 | 0.53  | 1.29  | 1.75  | -0.31  | -0.69  | -0.01  | -10.29 | -5.06  | -5.06  |
| 2450 285        | -18.15 | -9.25  | -4.64  | -1.53 | 0.84  | 2.01  | 1.57  | 0.19   | -2.04  | -0.07  | -11.83 | -5.4   | -5.4   |
| 2450 300        | -25.48 | -9.44  | -4.94  | -2.18 | -0.16 | 1.96  | 0.73  | -0.76  | -3.17  | -1.45  | -12.81 | -8.24  | -8.24  |
| 2450 315        | -17.58 | -8.62  | -5.33  | -3.22 | -1.15 | 0.95  | 0.6   | -0.96  | -4.23  | -3.62  | -14.22 | -9.14  | -9.14  |
| 2450 330        | -12.17 | -7.92  | -6.48  | -5.55 | -2.44 | -0.23 | 0.61  | -0.01  | -5.3   | -5.61  | -21.8  | -12.91 | -12.91 |
| 2450 345        | -9.36  | -7.28  | -7.85  | -7.86 | -3.46 | -2.01 | -0.63 | -0.62  | -6.93  | -7.86  | -20.27 | -5.27  | -5.27  |
| 2450 360        | -7.26  | -6.64  | -9.81  | -10   | -4.99 | -4.03 | -2.32 | -2.17  | -6.53  | -9.07  | -10.17 | -11.61 | -11.61 |
| 2500 0          | -9.24  | -17.38 | -10.97 | -7.25 | -3.04 | -1.12 | -1.18 | 0.16   | -6.24  | -7.13  | -22.7  | -15.19 | -15.19 |
| 2500 15         | -7.35  | -14.93 | -11.82 | -9.56 | -3.65 | -1.26 | -0.73 | -0.21  | -4.93  | -6.32  | -12.04 | -18.59 | -18.59 |
| 2500 30         | -6.37  | -11.76 | -10.94 | -8.61 | -1.67 | 0.51  | 1.05  | 0      | -2.6   | -4.54  | -9.83  | -6.4   | -6.4   |
| 2500 45         | -6.33  | -9.76  | -6.72  | -4.22 | 0.37  | 1.44  | 1.59  | 0.05   | -2.82  | -4.56  | -5.18  | -9.84  | -9.84  |
| 2500 60         | -7.14  | -7.72  | -4.25  | -1.63 | 0.58  | -0.48 | -1.43 | -2.17  | -7.95  | -5.12  | -4.91  | -13.58 | -13.58 |
| 2500 75         | -8.52  | -6.7   | -3.36  | -1.36 | -0.74 | -6.21 | -3.86 | -6.32  | -5.66  | -2.44  | -5.55  | -9.81  | -9.81  |
| 2500 90         | -11.35 | -6.34  | -3.18  | -1.85 | -1.91 | -3.56 | -0.55 | -4.12  | -1.32  | -1.52  | -5.58  | -9.5   | -9.5   |
| 2500 105        | -14.69 | -6.59  | -2.97  | -2.76 | -3.61 | -2.2  | -1.13 | -3.12  | -2.82  | -3.19  | -5.62  | -10.94 | -10.94 |
| 2500 120        | -18.24 | -7.15  | -2.62  | -4.07 | -5.78 | -4.03 | -4.45 | -3.54  | -9.95  | -5.24  | -7.63  | -12.22 | -12.22 |
| 2500 135        | -17.18 | -7.83  | -2.74  | -5.76 | -6.1  | -5.14 | -4.61 | -3.97  | -22.47 | -5.94  | -7.96  | -21.25 | -21.25 |
| 2500 150        | -12.77 | -8.78  | -3.16  | -6.56 | -4.55 | -3.2  | -2.54 | -4.83  | -13.63 | -5.88  | -9.21  | -24.13 | -24.13 |
| 2500 165        | -10.3  | -8.44  | -3.91  | -6.88 | -2.65 | -2.25 | -1.78 | -5.53  | -7.68  | -6.67  | -12.94 | -28.91 | -28.91 |
| 2500 180        | -8.42  | -7.37  | -4.59  | -5.78 | -1.05 | -2.66 | -2.11 | -7.41  | -5.65  | -7.65  | -12.56 | -25.89 | -25.89 |
| 2500 195        | -7.57  | -6.22  | -4.73  | -4.29 | -0.17 | -1.77 | -2.81 | -8.33  | -7.04  | -8.99  | -21.32 | -20.65 | -20.65 |
| 2500 210        | -7.24  | -5.42  | -4.47  | -2.98 | 0.95  | -0.38 | -2.93 | -6.16  | -10.11 | -10.26 | -21.12 | -15.4  | -15.4  |
| 2500 225        | -7.37  | -5.14  | -4.02  | -1.99 | 0.91  | 0.47  | -2.82 | -3.53  | -7.26  | -5.64  | -12.74 | -12.86 | -12.86 |
| 2500 240        | -7.78  | -5.7   | -3.85  | -1.76 | -0.84 | 0.08  | -2.5  | -2.13  | -3.23  | -1.85  | -9.56  | -13.42 | -13.42 |
| 2500 255        | -8.86  | -6.97  | -4.92  | -1.66 | -0.78 | -0.91 | -0.39 | -2.41  | -2.57  | -0.04  | -8.24  | -7.92  | -7.92  |
| 2500 270        | -10.32 | -9.35  | -6.19  | -2.19 | 0.45  | 0.15  | 0.56  | -0.68  | -3.63  | -0.02  | -8.08  | -5.98  | -5.98  |
| 2500 285        | -13.13 | -12.06 | -7.63  | -3.17 | 0.28  | 0.75  | -0.32 | -0.5   | -4.79  | -0.95  | -9.16  | -6.9   | -6.9   |
| 2500 300        | -17.15 | -15.77 | -9.03  | -4.16 | -1.17 | 0.17  | -0.81 | -1.76  | -5.48  | -2.04  | -10.68 | -9.71  | -9.71  |
| 2500 315        | -21.71 | -20.01 | -10.28 | -5.14 | -1.78 | 0.54  | -0.09 | -0.33  | -5.57  | -3     | -10.44 | -11.42 | -11.42 |
| 2500 330        | -17.45 | -21.9  | -10.78 | -5.73 | -1.66 | 0.84  | 0.9   | 0.78   | -5.06  | -4.3   | -12.18 | -17.3  | -17.3  |
| 2500 345        | -12.61 | -20.4  | -10.67 | -5.77 | -1.88 | 0.4   | 0.22  | 0.89   | -5.04  | -5.81  | -17.72 | -8.38  | -8.38  |
| 2500 360        | -9.24  | -17.38 | -10.97 | -7.25 | -3.04 | -1.12 | -1.18 | 0.16   | -6.24  | -7.13  | -22.7  | -15.19 | -15.19 |

## Ant. Position: 2G ANT 8 GAIN PHI

| Frequency/Phi | 0   | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|---------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2400          | 0   | -19.69 | -10.29 | -9.86  | -9.66  | -9.97  | -13.88 | -14.89 | -18.39 | -11.31 | -13.96 | -21.16 | -16.38 |
| 2400          | 15  | -17.66 | -8.6   | -10.14 | -16.47 | -25.47 | -13.74 | -15.13 | -13.6  | -11.11 | -19.26 | -18.26 | -19.73 |
| 2400          | 30  | -14.85 | -7.37  | -11.1  | -16.24 | -8.28  | -8.03  | -12.48 | -8.96  | -10.73 | -12.38 | -12.32 | -15.96 |
| 2400          | 45  | -12.57 | -6.49  | -8.88  | -6.7   | -2.96  | -7.21  | -9.13  | -6.56  | -8.95  | -8.4   | -8.42  | -19.26 |
| 2400          | 60  | -11.25 | -5.6   | -5.29  | -3.4   | -2.72  | -4.81  | -4.74  | -5.86  | -6.95  | -7.38  | -10.11 | -26.19 |
| 2400          | 75  | -10.43 | -4.8   | -2.9   | -2.59  | -2.93  | -3.87  | -3.23  | -7.39  | -8.24  | -9.13  | -24.86 | -20.25 |
| 2400          | 90  | -10.25 | -4.39  | -1.94  | -2.72  | -2.88  | -3.02  | -5.47  | -9.96  | -14.83 | -14.64 | -12.63 | -12.22 |
| 2400          | 105 | -10.84 | -4.86  | -2.3   | -3.04  | -2.19  | -3.22  | -8.51  | -12.46 | -36.08 | -10    | -7.3   | -11.8  |
| 2400          | 120 | -11.92 | -5.87  | -3.59  | -4.26  | -4.83  | -6.12  | -9.85  | -12.12 | -19.67 | -10.42 | -6.28  | -10.94 |
| 2400          | 135 | -14.25 | -7.21  | -5.33  | -5.24  | -5.71  | -11.73 | -11.11 | -12.13 | -22.46 | -13.16 | -9.29  | -12.15 |
| 2400          | 150 | -16.94 | -9.02  | -6.73  | -5.25  | -4.95  | -9.11  | -16.7  | -17.89 | -17.42 | -10.99 | -12.22 | -20.54 |
| 2400          | 165 | -20.87 | -10.4  | -7.3   | -6.11  | -5.37  | -8.32  | -10.9  | -15.62 | -12.01 | -8.15  | -13.89 | -17.99 |
| 2400          | 180 | -25.14 | -11.57 | -8.28  | -8.78  | -9.17  | -8.82  | -14.91 | -14.32 | -10.35 | -8.03  | -7.01  | -14.03 |
| 2400          | 195 | -24.98 | -12.94 | -9.53  | -13.81 | -17.37 | -11.67 | -16.82 | -16.19 | -12.16 | -10.07 | -6.15  | -11.02 |
| 2400          | 210 | -19.41 | -13.33 | -10.52 | -15.29 | -15.65 | -8.08  | -11.22 | -17.24 | -11.79 | -10.37 | -12.88 | -9.58  |
| 2400          | 225 | -15.54 | -12.81 | -9.41  | -10.3  | -8.96  | -6.82  | -7.53  | -10.45 | -6.93  | -9.97  | -8.89  | -10.3  |
| 2400          | 240 | -13.29 | -12.75 | -8.68  | -8.88  | -6.55  | -5.79  | -7.08  | -8.45  | -3.31  | -6.35  | -6.44  | -9.6   |
| 2400          | 255 | -12.22 | -12.7  | -8.38  | -10.48 | -6.27  | -4.46  | -8.7   | -5.39  | -2.28  | -4.32  | -5.69  | -9.24  |
| 2400          | 270 | -11.76 | -11.58 | -8.76  | -9.84  | -8.04  | -4.56  | -7.49  | -4.4   | -1.4   | -4.02  | -6.24  | -10.42 |
| 2400          | 285 | -11.84 | -11.23 | -9.27  | -8.5   | -8.96  | -6.77  | -6.49  | -5.12  | -3.62  | -5.79  | -8.19  | -11.13 |
| 2400          | 300 | -12.45 | -12.77 | -10.57 | -10.86 | -9.84  | -11.87 | -9.33  | -8.89  | -8.18  | -10.1  | -12.28 | -15.5  |
| 2400          | 315 | -13.66 | -16.79 | -17.41 | -14.43 | -7.18  | -7.61  | -8.62  | -8.36  | -12.98 | -13.67 | -14.75 | -15.44 |
| 2400          | 330 | -15.89 | -21.49 | -18.98 | -9.23  | -3.76  | -4.46  | -5.51  | -6.22  | -10.96 | -11.55 | -10.32 | -15.13 |
| 2400          | 345 | -16.51 | -14.81 | -12.13 | -7.36  | -4.29  | -6.39  | -7.18  | -8.78  | -10.47 | -10.24 | -13.86 | -14.41 |
| 2400          | 360 | -19.69 | -10.29 | -9.86  | -9.66  | -9.97  | -13.88 | -14.89 | -18.39 | -11.31 | -13.96 | -21.16 | -16.38 |
| 2450          | 0   | -27.05 | -12.89 | -13.41 | -11.07 | -9.84  | -16.46 | -16.42 | -22.93 | -14.62 | -15.5  | -15.79 | -17.83 |
| 2450          | 15  | -23.1  | -10.63 | -12.32 | -19.68 | -32.1  | -15.48 | -14.87 | -11.82 | -9.82  | -16.68 | -20.37 | -21.77 |
| 2450          | 30  | -18.49 | -8.81  | -12.41 | -15.12 | -6.96  | -7.19  | -9.05  | -6.36  | -7.41  | -9.87  | -13.32 | -17.18 |
| 2450          | 45  | -15.16 | -7.7   | -9.92  | -7.19  | -2.81  | -4.67  | -7.29  | -5.04  | -7.75  | -7.23  | -8.82  | -21.46 |
| 2450          | 60  | -12.76 | -6.43  | -5.84  | -4.88  | -2.06  | -4.69  | -5.18  | -5.39  | -8.71  | -8.3   | -10.35 | -25.25 |
| 2450          | 75  | -12.1  | -5.6   | -2.97  | -2.89  | -2.53  | -3.93  | -4.25  | -7.76  | -11.14 | -12.03 | -25.03 | -23.81 |
| 2450          | 90  | -11.92 | -5.23  | -1.61  | -2.04  | -2.72  | -2.51  | -5.39  | -10.7  | -16.94 | -15.98 | -12.64 | -13.1  |
| 2450          | 105 | -13.02 | -5.73  | -2.14  | -2.29  | -2.27  | -3.04  | -7     | -12.59 | -26.91 | -9.8   | -8.01  | -11.58 |
| 2450          | 120 | -14.99 | -7.47  | -4.01  | -3.67  | -2.77  | -6.19  | -8.15  | -11.42 | -21.34 | -10.96 | -7.34  | -10.49 |
| 2450          | 135 | -16.19 | -9.21  | -6.11  | -5.45  | -5.51  | -10.33 | -10.51 | -11.62 | -20.44 | -13.05 | -10.11 | -12.42 |
| 2450          | 150 | -18.13 | -9.55  | -7.21  | -6.64  | -5.42  | -8.06  | -13.61 | -16.16 | -16.41 | -13.45 | -17.64 | -18.69 |
| 2450          | 165 | -22.86 | -9.23  | -8.14  | -7.74  | -5.99  | -8.42  | -11.09 | -13.05 | -11.42 | -10.94 | -16.82 | -18.71 |
| 2450          | 180 | -28.03 | -9.53  | -9.59  | -10.67 | -8.91  | -11.47 | -16.62 | -11.91 | -9.17  | -9.23  | -12.25 | -23.91 |
| 2450          | 195 | -21.73 | -10.13 | -10.17 | -13.76 | -16.67 | -10.01 | -17.41 | -15.75 | -10.02 | -9.45  | -10.33 | -23.94 |
| 2450          | 210 | -17.12 | -10.83 | -8.75  | -9.78  | -15.52 | -6.36  | -8.68  | -16.59 | -10.42 | -9.59  | -15.89 | -14.55 |
| 2450          | 225 | -15.95 | -11.29 | -6.81  | -6.62  | -6.46  | -6.2   | -5.53  | -9.17  | -5.88  | -9.05  | -11.39 | -14.37 |
| 2450          | 240 | -15.9  | -11.58 | -6.23  | -6.73  | -4.51  | -5.13  | -5.6   | -7.45  | -3.01  | -6.19  | -7.3   | -11.17 |
| 2450          | 255 | -15.62 | -11.76 | -7.88  | -8.91  | -5.95  | -4.31  | -8.66  | -5.32  | -2.25  | -4.6   | -6.1   | -9.48  |
| 2450          | 270 | -14.79 | -11.49 | -9.56  | -10.69 | -11.8  | -4.79  | -8.18  | -5.33  | -1.12  | -2.97  | -5.8   | -9.6   |
| 2450          | 285 | -14.13 | -11.72 | -10.49 | -10.3  | -15.66 | -7.85  | -6.56  | -5.7   | -1.96  | -3.38  | -7.08  | -9.25  |
| 2450          | 300 | -13.71 | -12.23 | -12.8  | -11.68 | -11.7  | -14.58 | -10.44 | -8.8   | -5.87  | -5.93  | -10.3  | -13.32 |
| 2450          | 315 | -15.18 | -17.23 | -18.76 | -14.76 | -7.74  | -10.03 | -11.86 | -9.82  | -11.3  | -11.75 | -14.77 | -17.03 |
| 2450          | 330 | -17.48 | -20.57 | -26.01 | -12.53 | -5.05  | -5.37  | -7     | -6.31  | -10.21 | -10.63 | -9.2   | -17.99 |
| 2450          | 345 | -22.3  | -16.29 | -16.24 | -9.49  | -4.87  | -6.54  | -7.91  | -8.39  | -11.55 | -9.15  | -12.02 | -15.69 |
| 2450          | 360 | -27.05 | -12.89 | -13.41 | -11.07 | -9.84  | -16.46 | -16.42 | -22.93 | -14.62 | -15.5  | -15.79 | -17.83 |
| 2500          | 0   | -15.96 | -19.4  | -14.62 | -12.69 | -12.56 | -16.1  | -21.6  | -21.1  | -23.47 | -23.54 | -15.45 | -14.09 |
| 2500          | 15  | -17.69 | -15.87 | -12.87 | -18.82 | -20.71 | -16.98 | -15.97 | -14.44 | -13.05 | -14.31 | -22.97 | -28.28 |
| 2500          | 30  | -22.7  | -12.77 | -11.7  | -20.22 | -7.85  | -6.92  | -9.44  | -6.65  | -6.59  | -7.71  | -15.2  | -19.03 |
| 2500          | 45  | -26.21 | -11.38 | -8.65  | -10.25 | -2.91  | -4.27  | -6.58  | -4.33  | -5.65  | -6.26  | -11.47 | -22.81 |
| 2500          | 60  | -23.74 | -10.45 | -5.9   | -5.62  | -2.86  | -4.05  | -5.69  | -5.55  | -8.44  | -8.8   | -13.43 | -25.72 |
| 2500          | 75  | -20.56 | -8.75  | -4.01  | -3.23  | -2.13  | -4.52  | -6.11  | -10.43 | -13.72 | -15.21 | -40.1  | -20.1  |
| 2500          | 90  | -18.76 | -8.54  | -3.78  | -2.87  | -3.09  | -4.15  | -7.25  | -17.19 | -19.32 | -16.06 | -15.28 | -16.32 |
| 2500          | 105 | -16.89 | -9.32  | -5.91  | -4.75  | -4.11  | -4.6   | -8.9   | -14.88 | -40.98 | -11.79 | -11.74 | -15.18 |
| 2500          | 120 | -15.03 | -10.17 | -8.85  | -7.89  | -7.66  | -8.02  | -10.39 | -10.69 | -23.81 | -15.07 | -12.84 | -15.26 |
| 2500          | 135 | -13.87 | -9.9   | -8.87  | -10.63 | -10.05 | -12.37 | -12.91 | -12.39 | -23.05 | -20.97 | -16.33 | -17.76 |
| 2500          | 150 | -13.1  | -8.67  | -8.53  | -9.47  | -8.27  | -9.68  | -14.39 | -17.51 | -22.31 | -28.86 | -25.8  | -23.5  |
| 2500          | 165 | -13.83 | -7.69  | -9.11  | -10.92 | -7.45  | -8.22  | -13.97 | -13.45 | -11.93 | -18.79 | -22.16 | -18.35 |
| 2500          | 180 | -14.76 | -7.54  | -11.3  | -19.91 | -10.43 | -9.33  | -19.24 | -12.81 | -9.77  | -10.88 | -26.2  | -15.14 |
| 2500          | 195 | -15.96 | -7.99  | -14.33 | -20.12 | -21.25 | -9.38  | -13.14 | -24.05 | -10.6  | -10.27 | -15.05 | -19.6  |
| 2500          | 210 | -17.97 | -8.49  | -13.36 | -12.97 | -15.93 | -7.52  | -7.68  | -13.08 | -10.28 | -9.72  | -17.58 | -18.63 |
| 2500          | 225 | -21.09 | -9.23  | -11.08 | -10.63 | -8.81  | -9.08  | -7.24  | -7.11  | -5.9   | -9.29  | -14.33 | -22.56 |
| 2500          | 240 | -25.13 | -9.56  | -10.74 | -11.07 | -6.49  | -8.89  | -8.59  | -6.62  | -3.56  | -7.35  | -10.49 | -15.58 |
| 2500          | 255 | -24.64 | -10.26 | -10.57 | -12.5  | -6.95  | -5.83  | -12.26 | -5.62  | -3.25  | -7.02  | -9.3   | -12.33 |
| 2500          | 270 | -18.99 | -10.14 | -9.94  | -12.05 | -10.49 | -5.02  | -10.87 | -6.23  | -2.49  | -5.18  | -8.43  | -11.69 |
| 2500          | 285 | -16.34 | -11.17 | -9.52  | -11.89 | -15.01 | -8.72  | -7.21  | -7.68  | -2.93  | -4.43  | -7.75  | -9.83  |
| 2500          | 300 | -14.74 | -12.49 | -9.8   | -13.55 | -23.85 | -16.62 | -8.73  | -9.57  | -6.12  | -6.32  | -9.07  | -11.27 |
| 2500          | 315 | -13.47 | -15.31 | -13.58 | -23.16 | -12.01 | -10.6  | -10.97 | -12.21 | -11.46 | -12.14 | -11.04 | -14.36 |
| 2500          | 330 | -13.24 | -21.32 | -20.98 | -20.65 | -7.7   | -6.76  | -7.86  | -9.86  | -12.16 | -10.77 | -9.32  | -14.39 |
| 2500          | 345 | -12.92 | -27.19 | -23.47 | -13.6  | -8.29  | -7.2   | -9.06  | -11.35 | -12.43 | -11.7  | -11.97 | -15.03 |
| 2500          | 360 | -15.96 | -19.4  | -14.62 | -12.69 | -12.56 | -16.1  | -21.6  | -21.1  | -23.47 | -23.54 | -15.45 | -14.09 |

## Ant. Position: 2G ANT 8 GAIN THETA

| Frequency | Theta | 0      | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|-----------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2400      | 0     | -11.78 | -2.39  | -2.34  | -5.23  | -4.18  | -0.96  | -1.05  | -5.46  | -6.44  | -16.99 | -7.32  | -17.15 | -17.15 |
| 2400      | 15    | -11.87 | -4.35  | -2.97  | -4.49  | -2.59  | 0.33   | -1.23  | -5.54  | -5.07  | -16.24 | -8.76  | -18.75 | -18.75 |
| 2400      | 30    | -12.48 | -5.6   | -4.4   | -2.72  | -2.02  | 0.16   | -2.59  | -5.59  | -4.67  | -17.44 | -12.3  | -14.26 | -14.26 |
| 2400      | 45    | -13.68 | -6.88  | -4     | -2.22  | -2.83  | -1.47  | -4.94  | -6.29  | -5.93  | -25.32 | -11.42 | -19.36 | -19.36 |
| 2400      | 60    | -15.91 | -8.42  | -4.5   | -2.61  | -2.56  | -3.81  | -8.14  | -8.97  | -10.53 | -21.06 | -19.05 | -22.34 | -22.34 |
| 2400      | 75    | -18.54 | -10.4  | -5.87  | -4.08  | -2.89  | -4.5   | -10.72 | -13    | -19.43 | -28.24 | -14.67 | -18.24 | -18.24 |
| 2400      | 90    | -19.72 | -13    | -7.12  | -5.57  | -2.35  | -4.02  | -9.49  | -9.87  | -14.65 | -21.8  | -12.24 | -19.98 | -19.98 |
| 2400      | 105   | -17.69 | -12.63 | -7.54  | -6.43  | -2.71  | -4.81  | -6.06  | -7.75  | -13.06 | -10.75 | -11.16 | -19.53 | -19.53 |
| 2400      | 120   | -14.88 | -12.05 | -7.41  | -6.53  | -5.44  | -7.87  | -3.61  | -8.78  | -4.39  | -4.56  | -11.7  | -19.95 | -19.95 |
| 2400      | 135   | -12.59 | -11.52 | -8.41  | -7.38  | -5.22  | -10.03 | -3.98  | -9.9   | -1.77  | -2.61  | -11.13 | -15.04 | -15.04 |
| 2400      | 150   | -11.28 | -12.12 | -11.43 | -9.72  | -4.78  | -9.05  | -3.68  | -8.01  | -4.03  | -2.32  | -9.63  | -11.74 | -11.74 |
| 2400      | 165   | -10.45 | -16.95 | -15.01 | -16.34 | -5.27  | -6.92  | -2.95  | -3.27  | -6.55  | -2.33  | -11.17 | -11.78 | -11.78 |
| 2400      | 180   | -10.28 | -26.49 | -24.02 | -20.66 | -8.84  | -9.85  | -2     | -2.52  | -4.91  | -4.18  | -6.54  | -20.23 | -20.23 |
| 2400      | 195   | -10.87 | -25.61 | -26.52 | -25.02 | -10.46 | -9.12  | -3.02  | -2.88  | -4.9   | -4.65  | -4.84  | -13.48 | -13.48 |
| 2400      | 210   | -11.95 | -20.13 | -19.61 | -15.63 | -8.29  | -6.09  | -4.07  | -4.17  | -6.3   | -6.26  | -12.16 | -25.26 | -25.26 |
| 2400      | 225   | -14.28 | -21.51 | -19.35 | -10.15 | -6.21  | -4.48  | -4.67  | -4.27  | -6.32  | -9.1   | -6.17  | -13.91 | -13.91 |
| 2400      | 240   | -16.97 | -25.15 | -15.08 | -6.77  | -4.62  | -4.61  | -3.28  | -4.6   | -5.86  | -9.64  | -9.15  | -14.18 | -14.18 |
| 2400      | 255   | -20.9  | -18.12 | -10.99 | -5.77  | -3.21  | -3.83  | -2.18  | -4.47  | -5.99  | -7.72  | -12.89 | -13.21 | -13.21 |
| 2400      | 270   | -25.17 | -11.96 | -7.12  | -4.64  | -2.06  | -2.95  | -0.19  | -2.5   | -6.48  | -5.81  | -16.76 | -9.98  | -9.98  |
| 2400      | 285   | -25.01 | -7.7   | -3.63  | -2.03  | -0.73  | -1.15  | 1.59   | -1.42  | -6.26  | -6.28  | -19.18 | -10.57 | -10.57 |
| 2400      | 300   | -19.44 | -5.03  | -0.68  | 0.22   | 0.55   | -0.43  | 1.65   | -2.17  | -8.36  | -7.58  | -22.04 | -8.8   | -8.8   |
| 2400      | 315   | -15.57 | -3.42  | 1.02   | 1.03   | -0.18  | -2.13  | -1.49  | -6.75  | -11.98 | -13.64 | -24.07 | -11.93 | -11.93 |
| 2400      | 330   | -13.41 | -2.66  | 1.12   | -0.26  | -3.5   | -5.41  | -6.93  | -13.72 | -14.25 | -19.27 | -15.32 | -14.24 | -14.24 |
| 2400      | 345   | -12.25 | -2.63  | 0.03   | -2.04  | -6.61  | -4.2   | -3.49  | -8.07  | -9.83  | -17.24 | -14.89 | -12.67 | -12.67 |
| 2400      | 360   | -11.78 | -2.39  | -2.34  | -5.23  | -4.18  | -0.96  | -1.05  | -5.46  | -6.44  | -16.99 | -7.32  | -17.15 | -17.15 |
| 2450      | 0     | -14.83 | -3.99  | -1.57  | -2.78  | -2.91  | -4.37  | -1.93  | -9.67  | -5.88  | -11.88 | -8.32  | -18.21 | -18.21 |
| 2450      | 15    | -14.16 | -4.61  | -2.69  | -2.75  | -1.57  | -2.18  | -0.99  | -9.2   | -2.82  | -11.38 | -9.32  | -20.9  | -20.9  |
| 2450      | 30    | -13.74 | -5.6   | -3.44  | -1.63  | -0.61  | -0.91  | -8.65  | -2.6   | -12.14 | -14.3  | -17.31 | -17.31 | -17.31 |
| 2450      | 45    | -15.22 | -7.06  | -3.81  | -1.31  | -0.79  | -0.96  | -2.18  | -9.2   | -3.98  | -13.75 | -14.01 | -21.11 | -21.11 |
| 2450      | 60    | -17.52 | -8.8   | -4.24  | -2.35  | -1.57  | -2.64  | -4.46  | -10.32 | -8.14  | -17.16 | -17.11 | -17.26 | -17.26 |
| 2450      | 75    | -22.34 | -10.77 | -5.53  | -4.34  | -2.66  | -3.11  | -7.99  | -10    | -12    | -21.04 | -12.74 | -12.86 | -12.86 |
| 2450      | 90    | -27.08 | -11.17 | -6.31  | -5.69  | -2.73  | -3.15  | -8.33  | -8.08  | -11.26 | -18.44 | -10.13 | -11.89 | -11.89 |
| 2450      | 105   | -23.14 | -9.81  | -5.16  | -5.25  | -3.28  | -4.29  | -4.59  | -5.92  | -10.65 | -9.23  | -7.97  | -12.58 | -12.58 |
| 2450      | 120   | -18.53 | -8.49  | -4.49  | -5.22  | -2.24  | -6.19  | -1.7   | -5.45  | -4.57  | -3.44  | -8.03  | -12.9  | -12.9  |
| 2450      | 135   | -15.19 | -8.28  | -5.96  | -6.22  | -2.38  | -6.37  | -2.07  | -5.24  | -2.22  | -1.46  | -7.68  | -13.13 | -13.13 |
| 2450      | 150   | -12.8  | -10.78 | -10.24 | -9.63  | -4.3   | -4.57  | -2.68  | -2.87  | -6.11  | -1.71  | -6.53  | -13.21 | -13.21 |
| 2450      | 165   | -12.14 | -16.27 | -23.14 | -18.14 | -5.32  | -3.55  | -2.6   | -1.65  | -5.65  | -2.29  | -9.13  | -14.12 | -14.12 |
| 2450      | 180   | -11.96 | -26.78 | -21.85 | -24.73 | -6.98  | -4.93  | -1.67  | -2.09  | -2.84  | -4.19  | -4.91  | -17.57 | -17.57 |
| 2450      | 195   | -13.06 | -20.89 | -15.75 | -15.76 | -6.83  | -4.79  | -2.23  | -2.45  | -2.59  | -4.11  | -4.7   | -11.98 | -11.98 |
| 2450      | 210   | -15.02 | -17.37 | -14.5  | -11.65 | -5.1   | -2.49  | -3.07  | -4.33  | -4.05  | -6.9   | -15.42 | -25.21 | -25.21 |
| 2450      | 225   | -16.22 | -17.7  | -13.7  | -9.48  | -3.81  | -1.33  | -2.92  | -3.2   | -4.36  | -8.31  | -7.47  | -15.6  | -15.6  |
| 2450      | 240   | -18.16 | -21.86 | -12.08 | -6.21  | -2.15  | -1.56  | -1.96  | -3     | -3.03  | -6.99  | -11.09 | -19.24 | -19.24 |
| 2450      | 255   | -22.89 | -21.7  | -10.67 | -6.08  | -2.94  | -1.45  | -1.59  | -2.83  | -2.03  | -5.51  | -15.36 | -18.54 | -18.54 |
| 2450      | 270   | -28.07 | -14.3  | -9.22  | -6.02  | -2.95  | -1.94  | -0.29  | -1.19  | -2.48  | -4.27  | -16.48 | -15.35 | -15.35 |
| 2450      | 285   | -21.77 | -9.35  | -5.48  | -3.03  | -1.47  | -0.65  | 1.27   | -0.38  | -3.63  | -4.66  | -19.21 | -14.46 | -14.46 |
| 2450      | 300   | -17.15 | -6.4   | -2.08  | -0.13  | 0.79   | -0.31  | 1.27   | -1.27  | -6.82  | -5.33  | -22.85 | -12.47 | -12.47 |
| 2450      | 315   | -15.99 | -4.57  | -0.06  | 1.5    | 1.14   | -1.5   | -1.62  | -4.15  | -9.83  | -9.47  | -21.42 | -15.07 | -15.07 |
| 2450      | 330   | -15.93 | -2.66  | 0.37   | 1.18   | -0.62  | -5.08  | -5.22  | -9.5   | -13.98 | -10.3  | -16.86 | -17.67 | -17.67 |
| 2450      | 345   | -15.66 | -3.5   | -0.01  | -0.58  | -3.85  | -6.96  | -4.48  | -10.61 | -11.07 | -11.81 | -15.64 | -14.84 | -14.84 |
| 2450      | 360   | -14.83 | -3.99  | -1.57  | -2.78  | -2.91  | -4.37  | -1.93  | -9.67  | -5.88  | -11.88 | -8.32  | -18.21 | -18.21 |
| 2500      | 0     | -19    | -5.09  | -1     | -0.77  | -1.44  | -4.51  | -2.5   | -7.59  | -9.6   | -9.44  | -11.56 | -23.16 | -23.16 |
| 2500      | 15    | -16.35 | -5.04  | -1.47  | -1.1   | 0.01   | -3.06  | -2.32  | -9.59  | -6.24  | -8.85  | -12.68 | -24.26 | -24.26 |
| 2500      | 30    | -14.75 | -5.22  | -1.97  | -0.76  | 0.87   | -1.7   | -1.31  | -9.7   | -4.08  | -8.57  | -18.3  | -19.97 | -19.97 |
| 2500      | 45    | -13.47 | -5.78  | -2.28  | -0.89  | 0.3    | -1.41  | -1.51  | -8.39  | -4.99  | -8.83  | -23.4  | -23.03 | -23.03 |
| 2500      | 60    | -13.25 | -6.58  | -2.98  | -1.73  | -1.46  | -2.29  | -3.65  | -9.07  | -9.04  | -12.31 | -22.94 | -21.11 | -21.11 |
| 2500      | 75    | -13.93 | -7.15  | -3.86  | -2.64  | -2.28  | -3.15  | -6.55  | -9.7   | -14.31 | -17.63 | -17.41 | -13.43 | -13.43 |
| 2500      | 90    | -15.97 | -7.71  | -4.19  | -4.81  | -3.74  | -3.42  | -8.6   | -8.89  | -15.23 | -20.21 | -12.7  | -11.71 | -11.71 |
| 2500      | 105   | -17.69 | -7.24  | -3.89  | -4.66  | -3.24  | -5.43  | -5.59  | -6.77  | -13.8  | -8.82  | -8.66  | -10.93 | -10.93 |
| 2500      | 120   | -22.71 | -7.03  | -4     | -4.83  | -3.69  | -7.66  | -2.08  | -4.89  | -5.17  | -2.7   | -6.95  | -10.36 | -10.36 |
| 2500      | 135   | -26.22 | -8.25  | -5.62  | -7.67  | -4.78  | -8.62  | -2.01  | -4.43  | -3.64  | -0.89  | -6.15  | -11.69 | -11.69 |
| 2500      | 150   | -23.74 | -10.66 | -9.88  | -12.46 | -6.71  | -5.72  | -2.64  | -3.54  | -6.32  | -1.17  | -5.08  | -11.73 | -11.73 |
| 2500      | 165   | -20.56 | -15.01 | -17.71 | -25.03 | -8.81  | -3.53  | -1.95  | -2.32  | -6.33  | -1.8   | -8.81  | -12.57 | -12.57 |
| 2500      | 180   | -18.77 | -21.01 | -21.48 | -18.12 | -9.12  | -2.6   | -0.84  | -2.57  | -3.38  | -3.27  | -4.69  | -15.97 | -15.97 |
| 2500      | 195   | -16.9  | -22.35 | -15.51 | -13.36 | -6.86  | -2.49  | -0.97  | -4.09  | -2.66  | -3.74  | -5.89  | -11.36 | -11.36 |
| 2500      | 210   | -15.03 | -18.66 | -13.9  | -11.01 | -4.93  | -1.09  | -1.6   | -4.4   | -2.96  | -5.58  | -20.47 | -19.87 | -19.87 |
| 2500      | 225   | -13.88 | -16.02 | -12.58 | -8.95  | -3.69  | -0.39  | -1.72  | -2.61  | -3.47  | -5.58  | -12.64 | -16.32 | -16.32 |
| 2500      | 240   | -13.1  | -15.19 | -11.13 | -7.46  | -3.25  | -0.67  | -1.89  | -3.55  | -2.9   | -4.36  | -15.35 | -20.61 | -20.61 |
| 2500      | 255   | -13.84 | -14.62 | -10.77 | -6.97  | -2.77  | -1.54  | -3.09  | -3.81  | -2.49  | -3.34  | -12.28 | -17.27 | -17.27 |
| 2500      | 270   | -14.77 | -14.1  | -10.54 | -6.19  | -2.75  | -3.07  | -2.95  | -2.64  | -3.33  | -2.69  | -11.61 | -16.24 | -16.24 |
| 2500      | 285   | -15.97 | -11.9  | -7.81  | -4.13  | -2.14  | -2.85  | -1.49  | -1.01  | -4.84  | -3.57  | -12.01 | -14.37 | -14.37 |
| 2500      | 300   | -17.98 | -9.67  | -3.63  | -0.44  | 0.5    | -1.45  | -0.58  | -1.07  | -8.39  | -5.31  | -15.13 | -17.89 | -17.89 |
| 2500      | 315   | -21.1  | -7.52  | -1.54  | 1.64   | 1.85   | -1.07  | -3.02  | -2.9   | -14.74 | -7.43  | -15.72 | -18.56 | -18.56 |
| 2500      | 330   | -25.14 | -5.97  | -0.5   | 1.56   | 0.99   | -2.87  | -5.21  | -5.82  | -23.33 | -8.16  | -15.92 | -21.91 | -21.91 |
| 2500      | 345   | -24.64 | -4.98  | -0.27  | 0.61   | -0.94  | -5.13  | -4.71  | -6.77  | -15.31 | -9.25  | -17.23 | -19.04 | -19.04 |
| 2500      | 360   | -19    | -5.09  | -1     | -0.77  | -1.44  | -4.51  | -2.5   | -7.59  | -9.6   | -9.44  | -11.56 | -23.16 | -23.16 |

## Ant. Position: 2G ANT 9 GAIN PHI

| Frequency/ Phi | 0   | 15     | 30     | 45     | 60     | 75     | 90     | 105    | 120    | 135    | 150    | 165    | 180    |
|----------------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2400           | 0   | -15.3  | -14.85 | -12.69 | -12.86 | -30.17 | -22.8  | -15.14 | -12.72 | -13.07 | -22.25 | -15.15 | -8.73  |
| 2400           | 15  | -14.4  | -12.76 | -12.89 | -14.04 | -21.92 | -24.3  | -21.43 | -11.69 | -8.4   | -10.24 | -9.02  | -8.65  |
| 2400           | 30  | -13.33 | -10.44 | -12.57 | -15.13 | -16.6  | -20.2  | -15.83 | -8.87  | -6.51  | -8.21  | -8.04  | -9.78  |
| 2400           | 45  | -11.69 | -7.62  | -9.89  | -14.26 | -15.19 | -13.89 | -8.31  | -6.21  | -5.74  | -8.17  | -7.43  | -10.97 |
| 2400           | 60  | -11.3  | -6.29  | -8.48  | -13.06 | -19.05 | -11.68 | -5.54  | -4.59  | -6.71  | -8.56  | -7.42  | -10.25 |
| 2400           | 75  | -10.86 | -5.77  | -7.57  | -10.82 | -18.44 | -18.7  | -7.91  | -6.51  | -7.59  | -9.45  | -7.42  | -8.96  |
| 2400           | 90  | -10.9  | -6.47  | -7.6   | -11.77 | -21.27 | -16.94 | -25.47 | -10.71 | -10.85 | -8.25  | -4.78  | -5.34  |
| 2400           | 105 | -11.42 | -8.78  | -11    | -17.49 | -27.48 | -19.61 | -21.03 | -13.21 | -7.96  | -7.68  | -3.2   | -4.51  |
| 2400           | 120 | -12.69 | -13.4  | -24.47 | -26    | -22.23 | -21.56 | -21.85 | -13.15 | -11.68 | -6.98  | -4.06  | -5.46  |
| 2400           | 135 | -14.72 | -20.93 | -18.54 | -12.98 | -12.52 | -16.35 | -13    | -15.47 | -13.38 | -10.13 | -8.01  | -8.84  |
| 2400           | 150 | -16.99 | -22.93 | -12.18 | -10.51 | -11.81 | -11.52 | -9.03  | -12.3  | -13.94 | -12.44 | -15.01 | -13.16 |
| 2400           | 165 | -17.37 | -23.39 | -12.39 | -13.77 | -13.44 | -12.03 | -9.03  | -11.8  | -12.21 | -12.99 | -14.98 | -9.71  |
| 2400           | 180 | -15.53 | -22.25 | -18.16 | -15.79 | -12.32 | -12.04 | -13.49 | -15.55 | -12.33 | -12.9  | -15.29 | -7.44  |
| 2400           | 195 | -13.57 | -21.65 | -29.1  | -15.52 | -13.31 | -14.8  | -25.79 | -17.64 | -14.47 | -17.26 | -10.39 | -11.28 |
| 2400           | 210 | -11.98 | -21.98 | -14.81 | -12.88 | -12.45 | -15.79 | -18.45 | -13.15 | -13.77 | -14.31 | -24.22 | -18.12 |
| 2400           | 225 | -10.82 | -21.18 | -11.11 | -11.07 | -12.97 | -20.58 | -13.29 | -14.49 | -14.41 | -18.28 | -20.7  | -16.15 |
| 2400           | 240 | -10.37 | -23.66 | -11.17 | -10.2  | -15.16 | -24.54 | -11.58 | -10.89 | -18.27 | -29.02 | -12.71 | -10.59 |
| 2400           | 255 | -10.45 | -28.83 | -11.27 | -9.73  | -15.96 | -23.37 | -11.6  | -11.92 | -22.16 | -13.61 | -8.87  | -8.14  |
| 2400           | 270 | -10.62 | -22    | -14.28 | -10.61 | -13.3  | -14.67 | -13.24 | -13.18 | -11.5  | -7.9   | -5.97  | -5.39  |
| 2400           | 285 | -11.49 | -15.96 | -14.26 | -12.45 | -10.96 | -11.41 | -14.96 | -12.18 | -10.84 | -7.11  | -6.17  | -5.3   |
| 2400           | 300 | -12.75 | -12.15 | -11.88 | -14.71 | -12.6  | -10.16 | -19.15 | -16.06 | -13.36 | -9.66  | -9.15  | -9.22  |
| 2400           | 315 | -14.24 | -11.06 | -10.21 | -14.3  | -14.95 | -12.69 | -22.22 | -23.89 | -16.53 | -13.03 | -11.52 | -18.54 |
| 2400           | 330 | -14.72 | -12.22 | -10.7  | -13.53 | -23.11 | -16.59 | -15.76 | -17.74 | -12.33 | -10.95 | -12.68 | -18.57 |
| 2400           | 345 | -15.71 | -13.43 | -11.48 | -13.7  | -21.65 | -22.96 | -13.17 | -12.33 | -18.97 | -13.22 | -20.95 | -19.49 |
| 2400           | 360 | -15.3  | -14.85 | -12.69 | -12.86 | -30.17 | -22.8  | -15.14 | -12.72 | -13.07 | -22.25 | -15.15 | -8.73  |
| 2450           | 0   | -20.05 | -14.14 | -14.6  | -15.65 | -19.16 | -22.74 | -28.57 | -13.42 | -11.51 | -12.6  | -12.26 | -9.05  |
| 2450           | 15  | -16.33 | -12.53 | -16.45 | -22.46 | -20.54 | -18.74 | -18.19 | -12.32 | -6.79  | -8.21  | -7.91  | -8.86  |
| 2450           | 30  | -12.72 | -9.91  | -16.14 | -25.81 | -15.62 | -11.93 | -11.48 | -9.41  | -6.3   | -5.68  | -7.83  | -9.82  |
| 2450           | 45  | -10.56 | -7.53  | -13.05 | -29.28 | -16.83 | -10.35 | -7.41  | -6.32  | -6.23  | -6.52  | -8.77  | -12.15 |
| 2450           | 60  | -9.28  | -6.06  | -9.03  | -15.08 | -29.25 | -12.49 | -5.2   | -4.1   | -7.2   | -9.13  | -7.88  | -12.84 |
| 2450           | 75  | -9.23  | -5.29  | -6.16  | -10.87 | -19    | -14.54 | -7.07  | -5.18  | -6.72  | -10.31 | -7.32  | -9.12  |
| 2450           | 90  | -9.89  | -5.75  | -5.73  | -8.4   | -13.94 | -19.94 | -17.7  | -8.56  | -8.79  | -7.66  | -5.33  | -5.25  |
| 2450           | 105 | -11.65 | -7.87  | -8.2   | -13.26 | -17.09 | -26.11 | -23.74 | -12.14 | -7     | -7.73  | -3.97  | -4.67  |
| 2450           | 120 | -13.46 | -13.79 | -13.3  | -19.28 | -19.23 | -17.56 | -25.62 | -12.85 | -13.21 | -5.66  | -4.76  | -6.16  |
| 2450           | 135 | -16.68 | -27.44 | -15.68 | -12.07 | -12.25 | -26.08 | -14.82 | -16.26 | -15.98 | -7.58  | -7.63  | -9.57  |
| 2450           | 150 | -21.39 | -21.14 | -13.76 | -8.3   | -15.37 | -27.76 | -13.72 | -16.57 | -20.41 | -11.08 | -13.14 | -14.22 |
| 2450           | 165 | -26.87 | -18.56 | -12.81 | -10.94 | -16.06 | -15.24 | -13.7  | -15.88 | -15.79 | -13.89 | -13.48 | -8.88  |
| 2450           | 180 | -19.6  | -20.55 | -17.82 | -23.71 | -15.6  | -12.74 | -10.75 | -16.2  | -12.28 | -10.4  | -8.26  | -7.68  |
| 2450           | 195 | -14.47 | -26.39 | -19.81 | -21.26 | -11.98 | -10.82 | -14.31 | -12.97 | -10.71 | -10.85 | -4.56  | -9.85  |
| 2450           | 210 | -12.02 | -42.4  | -13.22 | -14.25 | -11.53 | -11.99 | -23.1  | -12.85 | -11.98 | -9.17  | -15.46 | -17.38 |
| 2450           | 225 | -10.99 | -34.81 | -10.54 | -11.27 | -10.51 | -14.84 | -16.4  | -16.85 | -19.96 | -17.52 | -9.84  | -21.53 |
| 2450           | 240 | -10.15 | -28.2  | -9.97  | -8.91  | -9.71  | -13.68 | -13.95 | -12.8  | -25.01 | -19.28 | -15.56 | -17.66 |
| 2450           | 255 | -10.3  | -22.08 | -12.79 | -8.28  | -11.97 | -14.31 | -14.98 | -11.33 | -17.67 | -14.06 | -13.27 | -12.62 |
| 2450           | 270 | -11.01 | -15.25 | -15.76 | -9.82  | -12.8  | -17.03 | -14.21 | -12.27 | -10.78 | -6.53  | -6.16  | -7.67  |
| 2450           | 285 | -12.78 | -11.88 | -16.73 | -13.85 | -12.75 | -13.8  | -13.64 | -10.75 | -9.86  | -5.28  | -4.79  | -6.56  |
| 2450           | 300 | -15.05 | -11.27 | -13.69 | -15.24 | -21.83 | -12.26 | -14.66 | -15.2  | -11.72 | -6.63  | -8.2   | -8.69  |
| 2450           | 315 | -16.23 | -10.82 | -11.92 | -13.36 | -21.43 | -18.6  | -28.46 | -27.62 | -13.29 | -10    | -11.12 | -15.17 |
| 2450           | 330 | -18    | -11.5  | -11.45 | -11.18 | -14.97 | -29.52 | -16.44 | -12.75 | -13.82 | -12.81 | -15.97 | -14.06 |
| 2450           | 345 | -19.76 | -13.5  | -12.22 | -10.64 | -13.28 | -24.83 | -16.88 | -11.51 | -45.44 | -18.64 | -23.69 | -15.26 |
| 2450           | 360 | -20.05 | -14.14 | -14.6  | -15.65 | -19.16 | -22.74 | -28.57 | -13.42 | -11.51 | -12.6  | -12.26 | -9.05  |
| 2500           | 0   | -19.16 | -12.77 | -11.54 | -9.88  | -13.61 | -14.6  | -21.59 | -17.37 | -11.56 | -10.23 | -9.18  | -7.85  |
| 2500           | 15  | -14.29 | -11.89 | -12.79 | -11.89 | -12.41 | -11.16 | -15.51 | -14.81 | -8.49  | -6.14  | -6.89  | -7.21  |
| 2500           | 30  | -10.72 | -10.48 | -13.58 | -14.83 | -12.6  | -9.2   | -13.05 | -13.03 | -7.49  | -5.87  | -7.6   | -9.35  |
| 2500           | 45  | -8.81  | -8.4   | -11.06 | -16.63 | -19.68 | -9.67  | -8.52  | -7.88  | -8.59  | -8.11  | -9.5   | -13.81 |
| 2500           | 60  | -7.53  | -7.18  | -8.65  | -13.54 | -21.42 | -12.48 | -6.83  | -5.04  | -8.76  | -11.24 | -9.93  | -15.48 |
| 2500           | 75  | -7.49  | -6.67  | -6.99  | -8.79  | -15.97 | -15.74 | -8.36  | -5.7   | -6.83  | -11.26 | -9.67  | -10.09 |
| 2500           | 90  | -8.29  | -7.11  | -6.57  | -7.4   | -10.14 | -14.32 | -14.01 | -8.03  | -7.69  | -8.57  | -7.03  | -6.09  |
| 2500           | 105 | -9.75  | -8.36  | -8.8   | -11.19 | -12.14 | -12.79 | -17.03 | -12.38 | -5.38  | -8.6   | -5.62  | -4.82  |
| 2500           | 120 | -11.97 | -10.49 | -15.43 | -19.23 | -13.83 | -16.3  | -21.93 | -11.77 | -11.3  | -6.32  | -5.74  | -6.46  |
| 2500           | 135 | -15.48 | -15    | -14.78 | -10.15 | -12.66 | -27.3  | -14.47 | -14.69 | -15.93 | -7.25  | -7.71  | -10.08 |
| 2500           | 150 | -21.7  | -22.97 | -13.11 | -9.31  | -11.58 | -26.13 | -16.41 | -15.74 | -20.84 | -12.67 | -12.02 | -14.22 |
| 2500           | 165 | -29.29 | -23.07 | -17.47 | -11.52 | -20.59 | -16.41 | -17.17 | -18.4  | -19.1  | -17.33 | -16.04 | -9.6   |
| 2500           | 180 | -20.39 | -22.51 | -22.1  | -24.78 | -19.36 | -10.97 | -11.37 | -18.97 | -17.92 | -13    | -9.3   | -9.7   |
| 2500           | 195 | -15.89 | -21.84 | -16.49 | -17.59 | -11.13 | -7.8   | -10.67 | -15.07 | -14.19 | -13.94 | -5.85  | -11.38 |
| 2500           | 210 | -12.81 | -20.93 | -12.28 | -12.82 | -9.82  | -8.47  | -19.24 | -13.88 | -11.83 | -9.32  | -17.19 | -15.84 |
| 2500           | 225 | -10.83 | -20.92 | -11.53 | -10.22 | -9.78  | -10.89 | -32.28 | -15.01 | -19.56 | -12.66 | -10.07 | -17.31 |
| 2500           | 240 | -9.83  | -23.21 | -13.5  | -9.27  | -10.26 | -14.3  | -20.6  | -15.7  | -21.06 | -14.77 | -17.04 | -20.18 |
| 2500           | 255 | -9.61  | -21.78 | -14.94 | -9.58  | -12.49 | -13.81 | -18.01 | -12.19 | -28.13 | -18.36 | -16.23 | -15.14 |
| 2500           | 270 | -9.9   | -17.18 | -18.78 | -10.8  | -13.49 | -14.63 | -15.03 | -13.73 | -12.9  | -6.7   | -7.22  | -9.53  |
| 2500           | 285 | -10.59 | -14.48 | -19.94 | -13.43 | -15.8  | -12.78 | -13.73 | -11.19 | -9.24  | -4.72  | -5.26  | -6.98  |
| 2500           | 300 | -11.23 | -12.03 | -15.85 | -17.18 | -29.82 | -15.52 | -17.32 | -15.77 | -10.92 | -6.32  | -8.76  | -8.62  |
| 2500           | 315 | -12.95 | -11.68 | -12.75 | -16.06 | -17.09 | -25.26 | -24.71 | -24.04 | -13.56 | -10.93 | -13.2  | -14.31 |
| 2500           | 330 | -15.7  | -12.44 | -11.27 | -10.94 | -12.92 | -22.19 | -19.41 | -14.27 | -14.94 | -14.51 | -22.68 | -14.17 |
| 2500           | 345 | -20.8  | -12.57 | -10.55 | -10.15 | -12.25 | -17.56 | -22.25 | -15.66 | -21.54 | -24.8  | -19.73 | -13.68 |
| 2500           | 360 | -19.16 | -12.77 | -11.54 | -9.88  | -13.61 | -14.6  | -21.59 | -17.37 | -11.56 | -10.23 | -9.18  | -7.85  |

## Ant. Position: 2G ANT 9 GAIN THETA

| Frequency | Theta | 0      | 15     | 30     | 45    | 60    | 75    | 90    | 105   | 120    | 135    | 150    | 165    | 180    |
|-----------|-------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| 2400      | 0     | -10.65 | -8.26  | -6.71  | -5.99 | -5.27 | -4.81 | -4.46 | -4.26 | -4.08  | -10.15 | -6.09  | -12.59 | -12.59 |
| 2400      | 15    | -11.52 | -8.54  | -6.99  | -6.11 | -5.33 | -4.85 | -4.50 | -4.30 | -4.12  | -9.63  | -6.2   | -17.08 | -17.08 |
| 2400      | 30    | -12.77 | -9.51  | -7.28  | -6.34 | -5.47 | -4.95 | -4.60 | -4.40 | -4.22  | -10.27 | -12.93 | -23.48 | -23.48 |
| 2400      | 45    | -14.26 | -10.5  | -8.47  | -7.21 | -6.28 | -5.72 | -5.37 | -5.17 | -5.00  | -8.9   | -15.93 | -11.41 | -11.41 |
| 2400      | 60    | -14.75 | -10.93 | -8.94  | -7.73 | -6.79 | -6.23 | -5.88 | -5.68 | -5.51  | -8.01  | -18.21 | -8.53  | -8.53  |
| 2400      | 75    | -15.74 | -10.26 | -8.25  | -7.1  | -6.08 | -5.47 | -5.12 | -4.92 | -4.75  | -7.02  | -13    | -8.13  | -8.13  |
| 2400      | 90    | -15.33 | -8.22  | -6.14  | -5.06 | -4.01 | -3.45 | -3.10 | -2.90 | -2.73  | -11.53 | -6.53  | -6.53  | -6.53  |
| 2400      | 105   | -14.42 | -6.92  | -4.84  | -3.76 | -2.71 | -2.15 | -1.80 | -1.60 | -1.43  | -7.02  | -9.9   | -9.63  | -9.63  |
| 2400      | 120   | -13.36 | -6.42  | -4.34  | -3.26 | -2.21 | -1.65 | -1.30 | -1.10 | -0.93  | -11.81 | -10.26 | -12.29 | -12.29 |
| 2400      | 135   | -11.72 | -7.07  | -4.99  | -3.91 | -2.86 | -2.30 | -1.95 | -1.75 | -1.58  | -18.46 | -9.22  | -15.77 | -15.77 |
| 2400      | 150   | -11.33 | -6.43  | -4.35  | -3.27 | -2.22 | -1.66 | -1.31 | -1.11 | -0.94  | -16.42 | -5.45  | -14.57 | -14.57 |
| 2400      | 165   | -10.88 | -5.9   | -3.82  | -2.74 | -1.69 | -1.13 | -0.78 | -0.58 | -0.41  | -9.89  | -9.63  | -12.62 | -12.62 |
| 2400      | 180   | -10.93 | -11.09 | -11.08 | -5.93 | -0.99 | -2.44 | -0.08 | -2.56 | -2.38  | -7.49  | -0.62  | -9.4   | -9.4   |
| 2400      | 195   | -11.45 | -11.28 | -12.05 | -5.59 | -1.75 | -0.66 | 0.92  | -1.12 | -1.13  | -4.57  | -1.57  | -13.43 | -13.43 |
| 2400      | 210   | -12.72 | -10.7  | -9.71  | -6.39 | -2.13 | 0.45  | 0.82  | -0.31 | -1.49  | -3.39  | -7.18  | -11.32 | -11.32 |
| 2400      | 225   | -14.75 | -9.04  | -6.99  | -5.48 | -3    | -0.27 | -0.09 | -0.76 | -2.14  | -3.57  | -3.29  | -23.88 | -23.88 |
| 2400      | 240   | -17.02 | -7.95  | -4.74  | -2.18 | -0.73 | -0.57 | 0.59  | -0.7  | -4.59  | -2.94  | -6.06  | -15.95 | -15.95 |
| 2400      | 255   | -17.4  | -7.04  | -2.88  | -2.08 | 0.22  | -0.35 | 0.51  | -1.48 | -4     | -3.84  | -7.25  | -14.74 | -14.74 |
| 2400      | 270   | -15.56 | -6.42  | -2.72  | -2.08 | -0.81 | -1.69 | -0.42 | -2.02 | -4.61  | -5     | -7.65  | -18.21 | -18.21 |
| 2400      | 285   | -13.6  | -6.25  | -4.53  | -3.1  | -2.94 | -4.54 | -1.31 | -3.95 | -7.27  | -7.23  | -9.87  | -21.7  | -21.7  |
| 2400      | 300   | -12.01 | -6.68  | -5.82  | -5.08 | -4.45 | -7.17 | -2.99 | -6.53 | -10.27 | -9.02  | -11.95 | -27.54 | -27.54 |
| 2400      | 315   | -10.84 | -7.25  | -7.17  | -9.34 | -5.55 | -7.28 | -5.74 | -8.39 | -13.94 | -9.16  | -11.38 | -20.07 | -20.07 |
| 2400      | 330   | -10.4  | -7.64  | -8.06  | -7.79 | -2.81 | -3.56 | -6.86 | -7.26 | -11.28 | -9.84  | -7.04  | -18.07 | -18.07 |
| 2400      | 345   | -10.48 | -7.75  | -7.23  | -5.81 | -2.11 | -0.55 | -3.68 | -4.78 | -4.62  | -11.53 | -9.1   | -11.77 | -11.77 |
| 2400      | 360   | -10.65 | -8.26  | -6.71  | -5.99 | -5.27 | -4.81 | -4.46 | -4.26 | -4.08  | -10.15 | -6.09  | -12.59 | -12.59 |
| 2450      | 0     | -11.04 | -8.83  | -5.29  | -3.78 | -0.53 | 1.35  | 1.31  | -1.75 | -0.18  | -7.11  | -7.85  | -13.45 | -13.45 |
| 2450      | 15    | -12.82 | -9.34  | -5.29  | -4.06 | -0.29 | -0.01 | 1.48  | -1.62 | -0.85  | -8.29  | -8.56  | -19.45 | -19.45 |
| 2450      | 30    | -15.08 | -10.27 | -4.87  | -4.49 | -1.07 | -2.66 | -0.61 | -2.32 | -4.48  | -10.89 | -16.99 | -13.62 | -13.62 |
| 2450      | 45    | -16.26 | -11.95 | -5.08  | -3.59 | -2.24 | -2.82 | -5.03 | -2.91 | -4.49  | -8.08  | -17.31 | -9.02  | -9.02  |
| 2450      | 60    | -18.04 | -12.85 | -5.23  | -1.65 | -1.62 | -2.51 | -1.47 | -1.76 | -0.25  | -3.23  | -15.84 | -8.29  | -8.29  |
| 2450      | 75    | -19.79 | -11.35 | -4.38  | -0.64 | 0.17  | -1.33 | 1.76  | 0.7   | 0.62   | -0.74  | -14    | -7.29  | -7.29  |
| 2450      | 90    | -20.08 | -8.15  | -3.09  | -0.42 | 0.95  | 0.34  | 1.35  | 1.41  | -1.26  | -2.32  | -11.09 | -7.08  | -7.08  |
| 2450      | 105   | -16.37 | -6.01  | -2.41  | -0.78 | 0.6   | 1.33  | 0.22  | -0.62 | -2.04  | -5.96  | -8.91  | -11.04 | -11.04 |
| 2450      | 120   | -12.75 | -5.75  | -2.83  | -1.11 | 0.13  | 1.24  | 0.61  | -2.03 | -1.48  | -7.37  | -9.92  | -12.53 | -12.53 |
| 2450      | 135   | -10.59 | -6.4   | -4.17  | -2.12 | -1.28 | 0.77  | 0.81  | -1.69 | -1.7   | -7.63  | -10.62 | -15.46 | -15.46 |
| 2450      | 150   | -9.31  | -7.95  | -5.83  | -5.03 | -1.79 | -0.19 | -0.16 | -1.36 | -3.63  | -10.91 | -5.91  | -10.67 | -10.67 |
| 2450      | 165   | -9.27  | -10.1  | -8.46  | -8.54 | -1.39 | -2.13 | -0.73 | -2.47 | -4.81  | -10.22 | -11.17 | -15.16 | -15.16 |
| 2450      | 180   | -9.92  | -12.95 | -12.23 | -6.62 | -0.32 | -0.78 | 0.53  | -3.09 | -3     | -7.62  | -1.23  | -10    | -10    |
| 2450      | 195   | -11.68 | -13.81 | -15.62 | -4.95 | -0.14 | 0.62  | 1.69  | -1.23 | -1.43  | -3.73  | -1.71  | -14.49 | -14.49 |
| 2450      | 210   | -13.49 | -13.18 | -12.39 | -3.99 | -1.1  | 1.5   | 1.62  | -0.18 | -0.79  | -2.19  | -7.06  | -13.41 | -13.41 |
| 2450      | 225   | -16.71 | -10.7  | -7.8   | -3.89 | -2.41 | 0.63  | 0.89  | -0.05 | -2.07  | -2.16  | -2.37  | -16.5  | -16.5  |
| 2450      | 240   | -21.42 | -8.07  | -5.04  | -2.9  | -1.81 | -0.18 | 1     | -0.35 | -2.57  | -1.64  | -4.76  | -14.84 | -14.84 |
| 2450      | 255   | -26.9  | -6.29  | -3.1   | -2.62 | -1.13 | 0.06  | 0.34  | -1.2  | -2.8   | -2.3   | -5.72  | -13.84 | -13.84 |
| 2450      | 270   | -19.63 | -5.33  | -2.69  | -3.21 | -1.62 | -1.4  | -0.54 | -2.59 | -2.61  | -3.1   | -6.62  | -14.27 | -14.27 |
| 2450      | 285   | -14.51 | -5.64  | -3.28  | -5.71 | -2.62 | -4.2  | -2.08 | -2.58 | -4.46  | -4.99  | -9.02  | -21.57 | -21.57 |
| 2450      | 300   | -12.05 | -6.52  | -4.62  | -3.32 | -5.51 | -7.12 | -4.18 | -5.78 | -7.26  | -8.78  | -12.55 | -25.76 | -25.76 |
| 2450      | 315   | -11.02 | -6.94  | -5.65  | -8.14 | -4.79 | -5.46 | -6.08 | -7.59 | -9.19  | -11.14 | -12.83 | -18.08 | -18.08 |
| 2450      | 330   | -10.18 | -7.57  | -5.87  | -6.7  | -3.14 | -1.37 | -4.14 | -5.9  | -6.51  | -11.24 | -9.07  | -18.18 | -18.18 |
| 2450      | 345   | -10.34 | -8.16  | -5.61  | -4.44 | -1.53 | 0.98  | -0.7  | -2.91 | -2.46  | -8.8   | -10.47 | -13.26 | -13.26 |
| 2450      | 360   | -11.04 | -8.83  | -5.29  | -3.78 | -0.53 | 1.35  | 1.31  | -1.75 | -0.18  | -7.11  | -7.85  | -13.45 | -13.45 |
| 2500      | 0     | -9.91  | -8.47  | -5.79  | -3.94 | -0.13 | 0.65  | 1.45  | -1.99 | -1.54  | -5.76  | -8.21  | -15.8  | -15.8  |
| 2500      | 15    | -10.59 | -9.43  | -6.63  | -5.24 | -0.87 | -0.98 | 0.97  | -1.99 | -2.95  | -7.67  | -8.21  | -18.88 | -18.88 |
| 2500      | 30    | -11.24 | -11.18 | -7.65  | -6.28 | -3.44 | -2.66 | -1.82 | -2    | -6.8   | -12.14 | -15.46 | -11.88 | -11.88 |
| 2500      | 45    | -12.96 | -14.1  | -8.19  | -4.39 | -4.28 | -2.69 | -5.11 | -2.77 | -4.46  | -7.88  | -14.31 | -8.65  | -8.65  |
| 2500      | 60    | -15.7  | -15.64 | -7.82  | -2.88 | -2.2  | -3.14 | -1.89 | -2.54 | -1.31  | -2.57  | -17    | -8.51  | -8.51  |
| 2500      | 75    | -20.8  | -11.71 | -6.75  | -3.13 | -0.85 | -2.35 | 0.25  | 0.07  | -1.15  | -1.07  | -12.79 | -7.41  | -7.41  |
| 2500      | 90    | -19.17 | -8.13  | -4.95  | -2.09 | -0.74 | -1.1  | -0.46 | 0.66  | -2.31  | -2.28  | -10.42 | -7.54  | -7.54  |
| 2500      | 105   | -14.3  | -6.36  | -2.65  | -2.19 | -0.49 | -0.66 | -0.84 | -1.41 | -2.4   | -4.73  | -9.2   | -10.46 | -10.46 |
| 2500      | 120   | -10.73 | -6.28  | -3.68  | -1.86 | -0.18 | -0.26 | -0.14 | -2.19 | -2.46  | -3.96  | -10.99 | -13.11 | -13.11 |
| 2500      | 135   | -8.82  | -6.86  | -4.65  | -2.2  | -0.78 | 0.63  | 0.22  | -0.93 | -2.81  | -3.29  | -14.49 | -16.51 | -16.51 |
| 2500      | 150   | -7.54  | -8.15  | -5.92  | -4.25 | -1.7  | 0.81  | -0.74 | -0.2  | -4.94  | -5.05  | -8.9   | -10.53 | -10.53 |
| 2500      | 165   | -7.5   | -9.18  | -7.04  | -7.56 | -1.49 | -0.4  | -1.61 | -0.89 | -6.77  | -6.08  | -16.21 | -15.26 | -15.26 |
| 2500      | 180   | -8.3   | -11.11 | -8.5   | -9.22 | -2.46 | -1.03 | -0.85 | -2.09 | -4.92  | -6.42  | -3.76  | -10.64 | -10.64 |
| 2500      | 195   | -9.76  | -12.52 | -11.04 | -6.39 | -1.95 | 0.38  | 0.82  | -1.99 | -2.76  | -4.6   | -3.8   | -17.72 | -17.72 |
| 2500      | 210   | -11.98 | -12.61 | -12.81 | -5.09 | -1.57 | 1.26  | 0.97  | -0.73 | -1.49  | -2.7   | -8.02  | -15.43 | -15.43 |
| 2500      | 225   | -15.48 | -12.66 | -9.23  | -4.02 | -1.89 | 0.46  | 0.61  | 0.18  | -2.94  | -2.36  | -3.29  | -16    | -16    |
| 2500      | 240   | -21.7  | -10.79 | -5.83  | -3.22 | -2.46 | -0.96 | 0.7   | -0.54 | -4.89  | -1.53  | -5.03  | -14.44 | -14.44 |
| 2500      | 255   | -29.29 | -9.42  | -4.55  | -2.28 | -2.25 | -1.1  | 0.28  | -2.6  | -3.27  | -2     | -5.05  | -14.43 | -14.43 |
| 2500      | 270   | -20.4  | -8.89  | -3.77  | -3.38 | -2.49 | -1.64 | -0.8  | -2.69 | -2.27  | -2.43  | -5.94  | -12.5  | -12.5  |
| 2500      | 285   | -15.9  | -7.99  | -3.83  | -4.79 | -5.28 | -3.95 | -2.74 | -4.33 | -3.46  | -3.4   | -7.75  | -24.75 | -24.75 |
| 2500      | 300   | -12.82 | -7.93  | -4.16  | -7.12 | -6.88 | -6.94 | -4.55 | -6.77 | -5.97  | -6.16  | -12.45 | -25.83 | -25.83 |
| 2500      | 315   | -10.83 | -8.2   | -4.36  | -7.75 | -5.5  | -5.01 | -5.17 | -8    | -8.47  | -8.53  | -14.69 | -17.81 | -17.81 |
| 2500      | 330   | -9.85  | -8.5   | -4.89  | -5.49 | -3.31 | -1.35 | -2.23 | -5.38 | -6.32  | -8.57  | -11.88 | -19.01 | -19.01 |
| 2500      | 345   | -9.62  | -8.25  | -5.27  | -4    | -1.14 | 0.43  | 0.39  | -2.05 | -2.23  | -6.63  | -11.71 | -16.19 | -16.19 |
| 2500      | 360   | -9.91  | -8.47  | -5.79  | -3.94 | -0.13 | 0.65  | 1.45  | -1.99 | -1.54  | -5.76  | -8.21  | -15.8  | -15.8  |