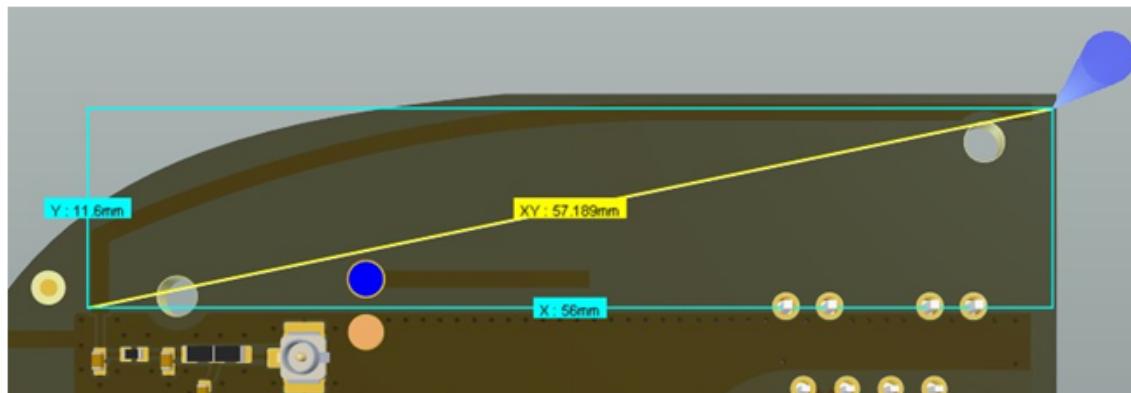


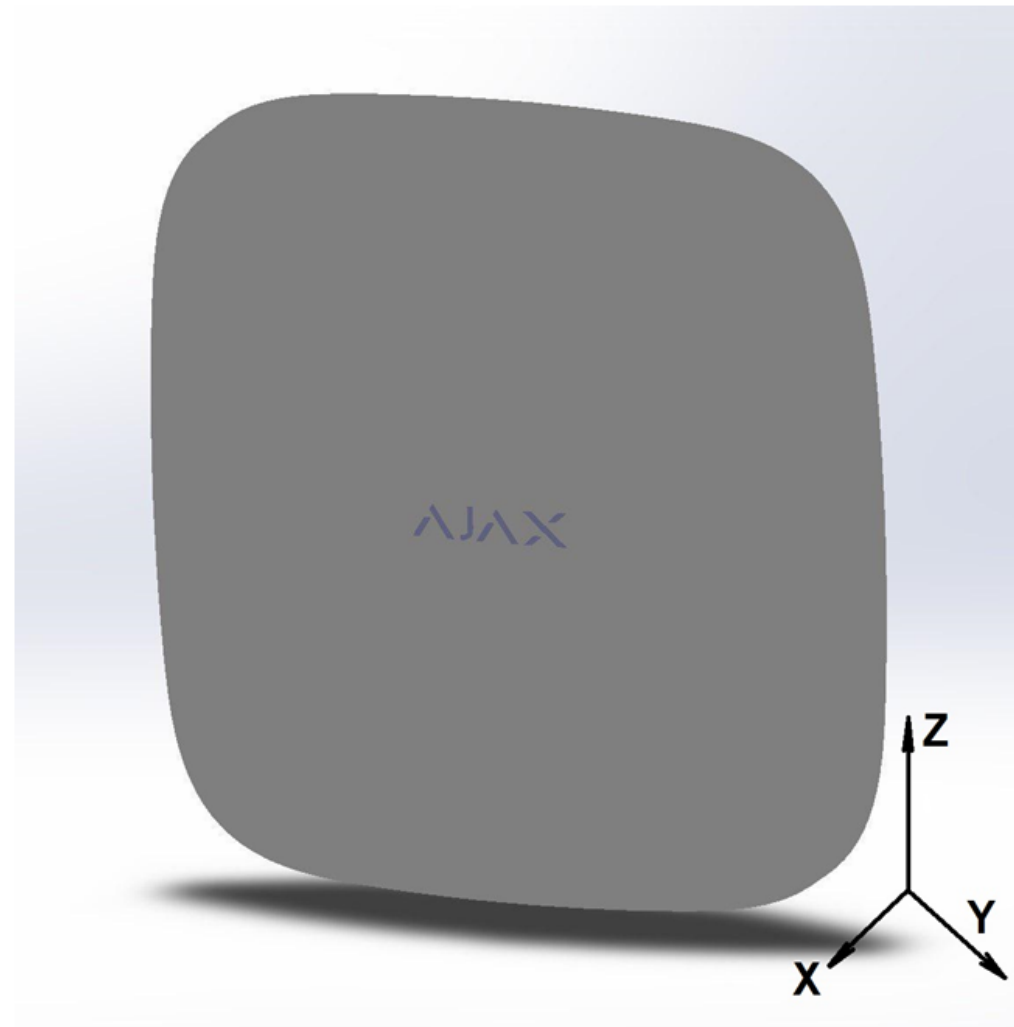
## Antenna1 Specification(Jeweller, Inverted-L)

| Angle, degrees | Freq='915MHz' Phi='0deg'<br>dBi(GainTotal) | Freq='915MHz' Theta='90deg'<br>dBi(GainTotal) | Freq='915MHz' Theta='90deg'<br>dBi(GainTotal) |
|----------------|--------------------------------------------|-----------------------------------------------|-----------------------------------------------|
|                | Z-X plane                                  | Z-Y plane                                     | X-Y plane                                     |
| 0              | -5.59                                      | -6.31                                         | -7.34                                         |
| 10             | -5.28                                      | -5.65                                         | -6.64                                         |
| 20             | -5.14                                      | -5.29                                         | -6.17                                         |
| 30             | -5.28                                      | -5.19                                         | -5.8                                          |
| 40             | -5.73                                      | -5.17                                         | -5.49                                         |
| 50             | -6.22                                      | -5.2                                          | -5.23                                         |
| 60             | -6.49                                      | -5.34                                         | -5.05                                         |
| 70             | -6.67                                      | -5.52                                         | -5                                            |
| 80             | -6.87                                      | -5.59                                         | -5.11                                         |
| 90             | -6.91                                      | -5.56                                         | -5.27                                         |
| 100            | -6.69                                      | -5.48                                         | -5.51                                         |
| 110            | -6.41                                      | -5.36                                         | -5.98                                         |
| 120            | -6.13                                      | -5.2                                          | -6.68                                         |
| 130            | -5.72                                      | -5.07                                         | -7.42                                         |
| 140            | -5.25                                      | -5                                            | -8.24                                         |
| 150            | -5                                         | -5.05                                         | -9.51                                         |
| 160            | -5.02                                      | -5.28                                         | -11.33                                        |
| 170            | -5.15                                      | -5.63                                         | -13.65                                        |
| 180            | -5.3                                       | -6.02                                         | -17.14                                        |
| 190            | -5.71                                      | -6.57                                         | -24.35                                        |
| 200            | -6.54                                      | -7.42                                         | -26.57                                        |
| 210            | -7.7                                       | -8.44                                         | -18.26                                        |
| 220            | -9.08                                      | -9.44                                         | -14.72                                        |
| 230            | -10.75                                     | -10.54                                        | -13.06                                        |

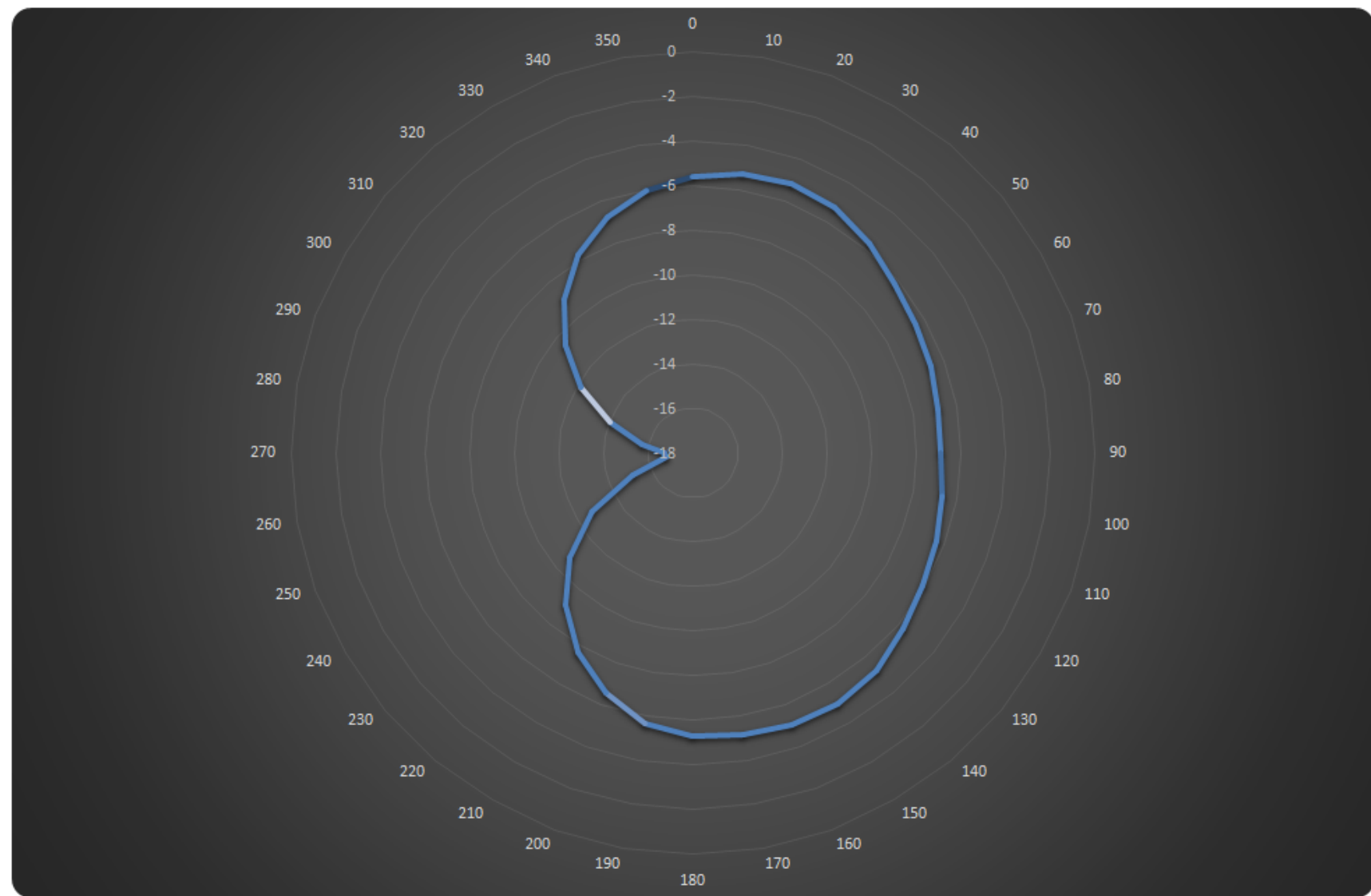
|     |        |        |        |
|-----|--------|--------|--------|
| 240 | -12.78 | -12.11 | -12.44 |
| 250 | -15.09 | -14.11 | -12.76 |
| 260 | -16.75 | -15.8  | -13.99 |
| 270 | -16.71 | -16.21 | -15.92 |
| 280 | -15.7  | -15.34 | -18.75 |
| 290 | -14.05 | -14    | -23.71 |
| 300 | -12.18 | -12.59 | -24.6  |
| 310 | -10.5  | -11.15 | -18.41 |
| 320 | -9     | -9.78  | -14.43 |
| 330 | -7.73  | -8.63  | -11.77 |
| 340 | -6.75  | -7.77  | -9.82  |
| 350 | -6.05  | -7.05  | -8.37  |

| Max antenna gain, dBi |      |
|-----------------------|------|
| 905 MHz               | -5.2 |
| 915,85 MHz            | -5   |
| 926,5 MHz             | -5.1 |

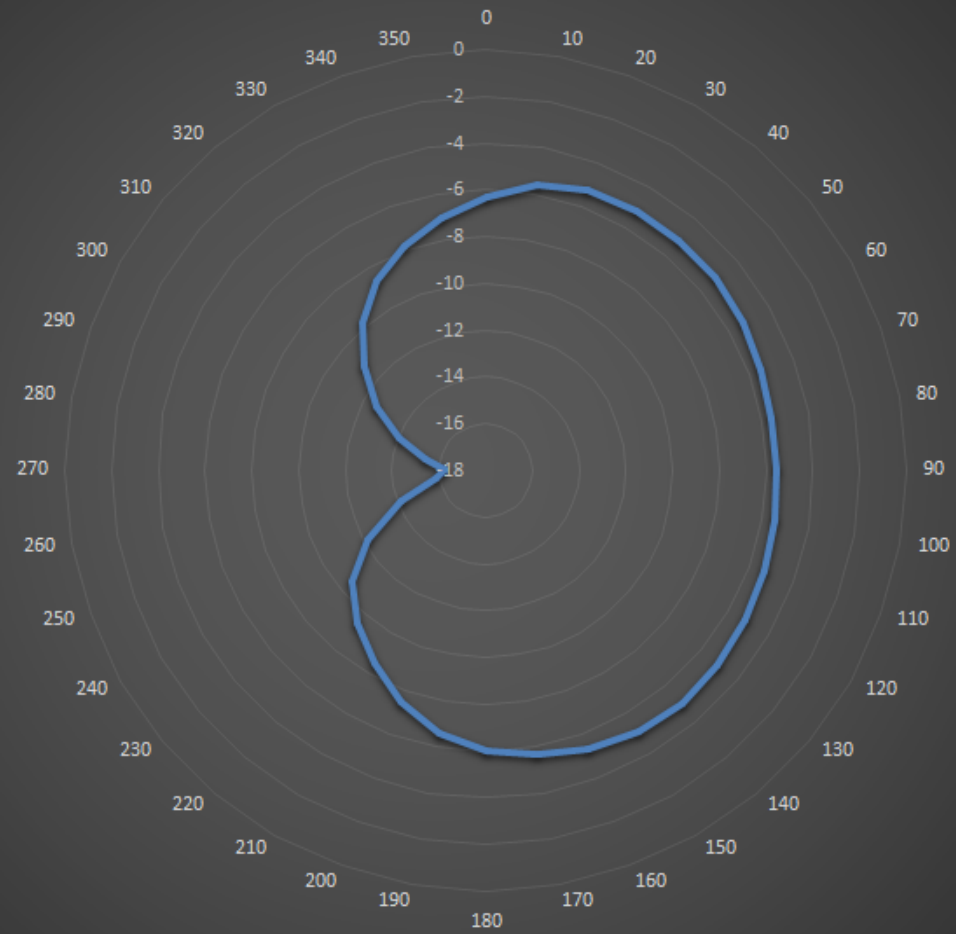




Z-X plane norm



Z-Y plane norm



X-Y plane norm

