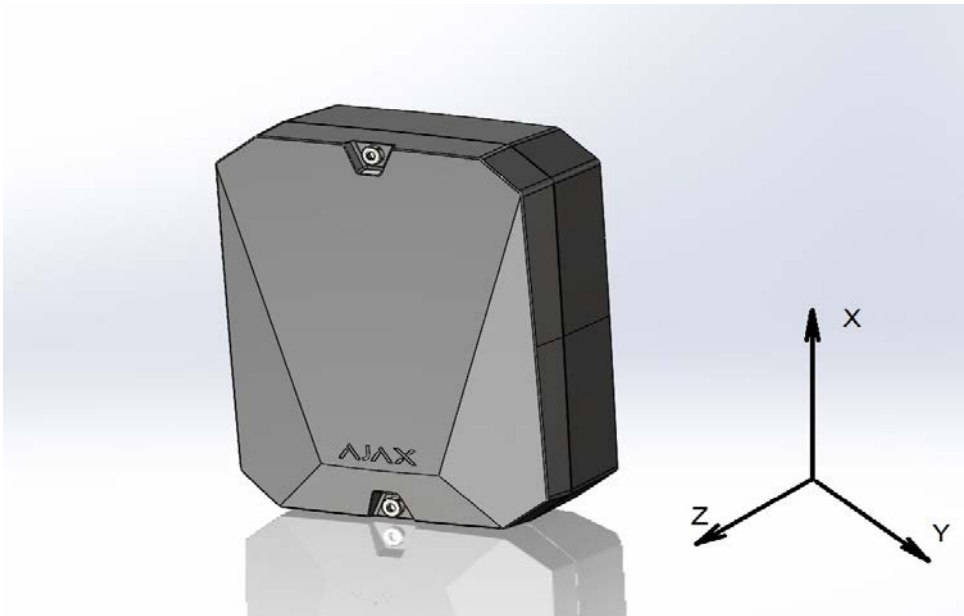
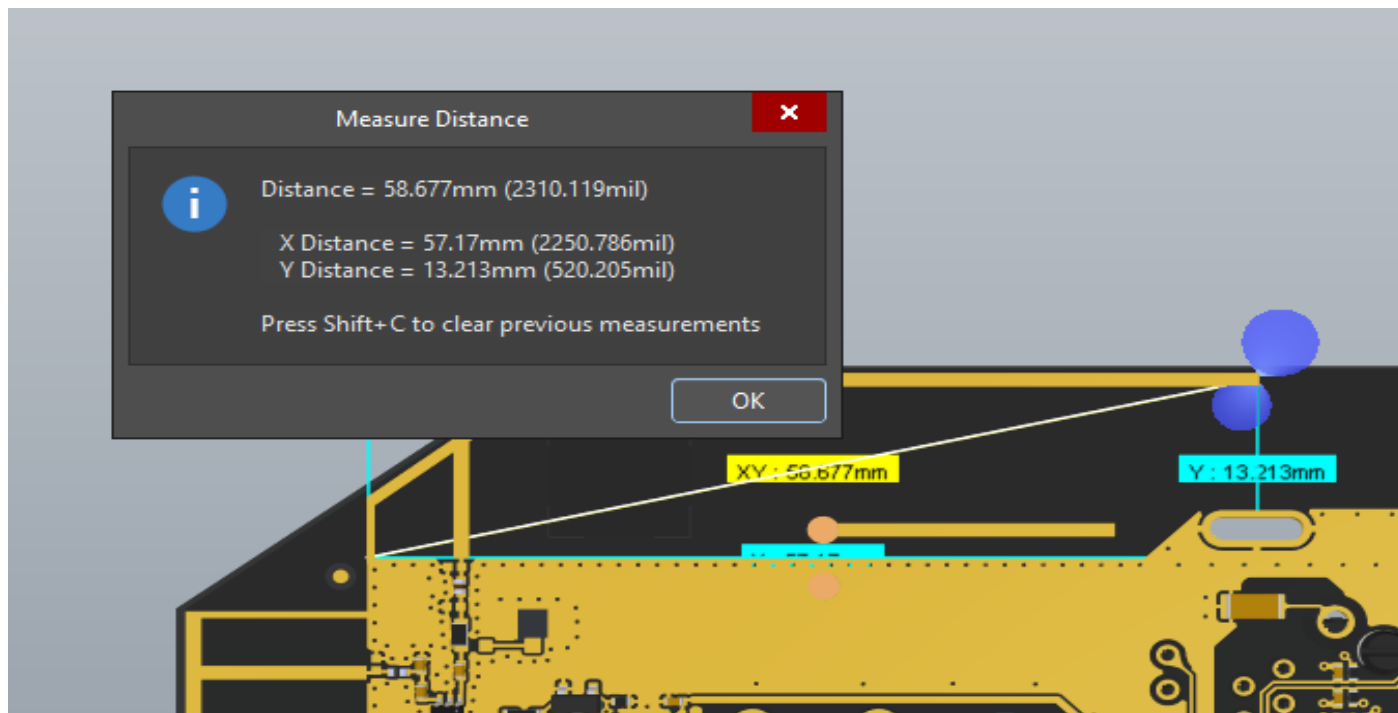


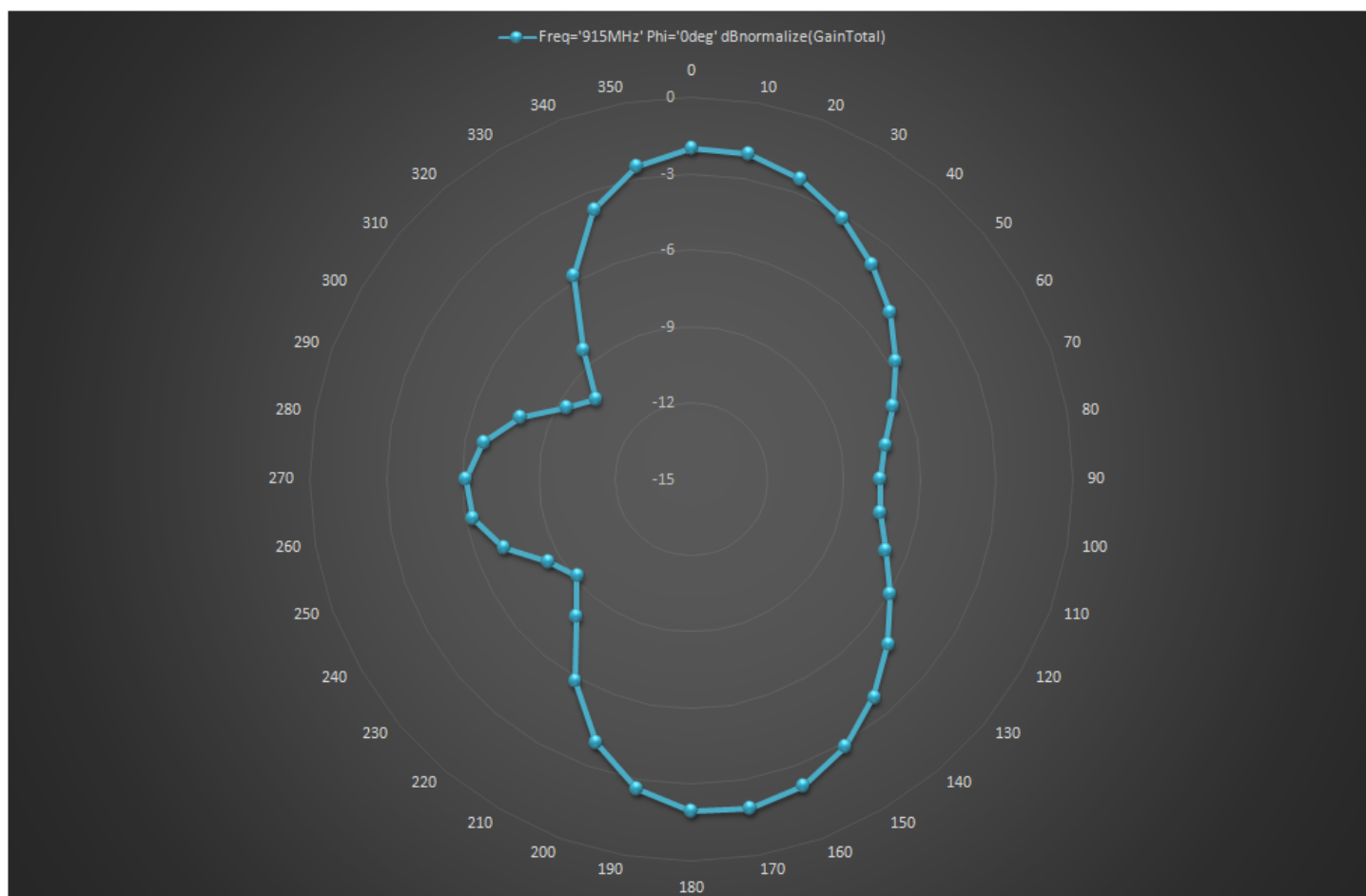
| Angle, degrees | Freq=' 915MHz' Phi=' 0deg'<br>dBnormalize(GainTotal) | Freq=' 915MHz' Theta=' 90deg'<br>dBnormalize(GainTotal) | Freq=' 915MHz' Theta=' 90deg'<br>dBnormalize(GainTotal) |
|----------------|------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
|                | Z-X plane                                            | Z-Y plane                                               | X-Y plane                                               |
| 0              | -2                                                   | -2.1                                                    | -7.56                                                   |
| 10             | -2                                                   | -2.3                                                    | -6.04                                                   |
| 20             | -2.43                                                | -2.57                                                   | -4.31                                                   |
| 30             | -3.15                                                | -2.83                                                   | -2.98                                                   |
| 40             | -3.97                                                | -3.04                                                   | -2.22                                                   |
| 50             | -4.82                                                | -3.2                                                    | -1.97                                                   |
| 60             | -5.72                                                | -3.32                                                   | -2.13                                                   |
| 70             | -6.6                                                 | -3.37                                                   | -2.47                                                   |
| 80             | -7.27                                                | -3.4                                                    | -2.86                                                   |
| 90             | -7.57                                                | -3.45                                                   | -3.34                                                   |
| 100            | -7.45                                                | -3.45                                                   | -3.99                                                   |
| 110            | -6.88                                                | -3.38                                                   | -4.63                                                   |
| 120            | -5.98                                                | -3.25                                                   | -4.87                                                   |
| 130            | -4.92                                                | -3.04                                                   | -4.56                                                   |
| 140            | -3.84                                                | -2.8                                                    | -3.99                                                   |
| 150            | -2.88                                                | -2.58                                                   | -3.6                                                    |
| 160            | -2.17                                                | -2.4                                                    | -3.69                                                   |
| 170            | -1.85                                                | -2.22                                                   | -4.47                                                   |
| 180            | -1.99                                                | -2.09                                                   | -6.12                                                   |
| 190            | -2.68                                                | -2.11                                                   | -8.93                                                   |
| 200            | -3.99                                                | -2.36                                                   | -12.8                                                   |
| 210            | -5.86                                                | -2.83                                                   | -13.71                                                  |
| 220            | -7.94                                                | -3.54                                                   | -10.38                                                  |
| 230            | -9.13                                                | -4.43                                                   | -7.66                                                   |
| 240            | -8.51                                                | -5.33                                                   | -6                                                      |
| 250            | -7.15                                                | -6.1                                                    | -5.25                                                   |
| 260            | -6.25                                                | -6.59                                                   | -5.42                                                   |
| 270            | -6.13                                                | -6.7                                                    | -6.59                                                   |
| 280            | -6.69                                                | -6.4                                                    | -8.69                                                   |
| 290            | -7.82                                                | -5.73                                                   | -10.83                                                  |
| 300            | -9.34                                                | -4.83                                                   | -10.59                                                  |
| 310            | -10.08                                               | -3.9                                                    | -8.51                                                   |
| 320            | -8.37                                                | -3.13                                                   | -6.84                                                   |
| 330            | -5.76                                                | -2.57                                                   | -6.28                                                   |
| 340            | -3.76                                                | -2.22                                                   | -6.84                                                   |
| 350            | -2.55                                                | -2.06                                                   | -7.76                                                   |

|            | Antenna gain dBi |
|------------|------------------|
| 905MHz     | -2.1             |
| 915, 85MHz | -2               |
| 926, 5MHz  | -2.05            |

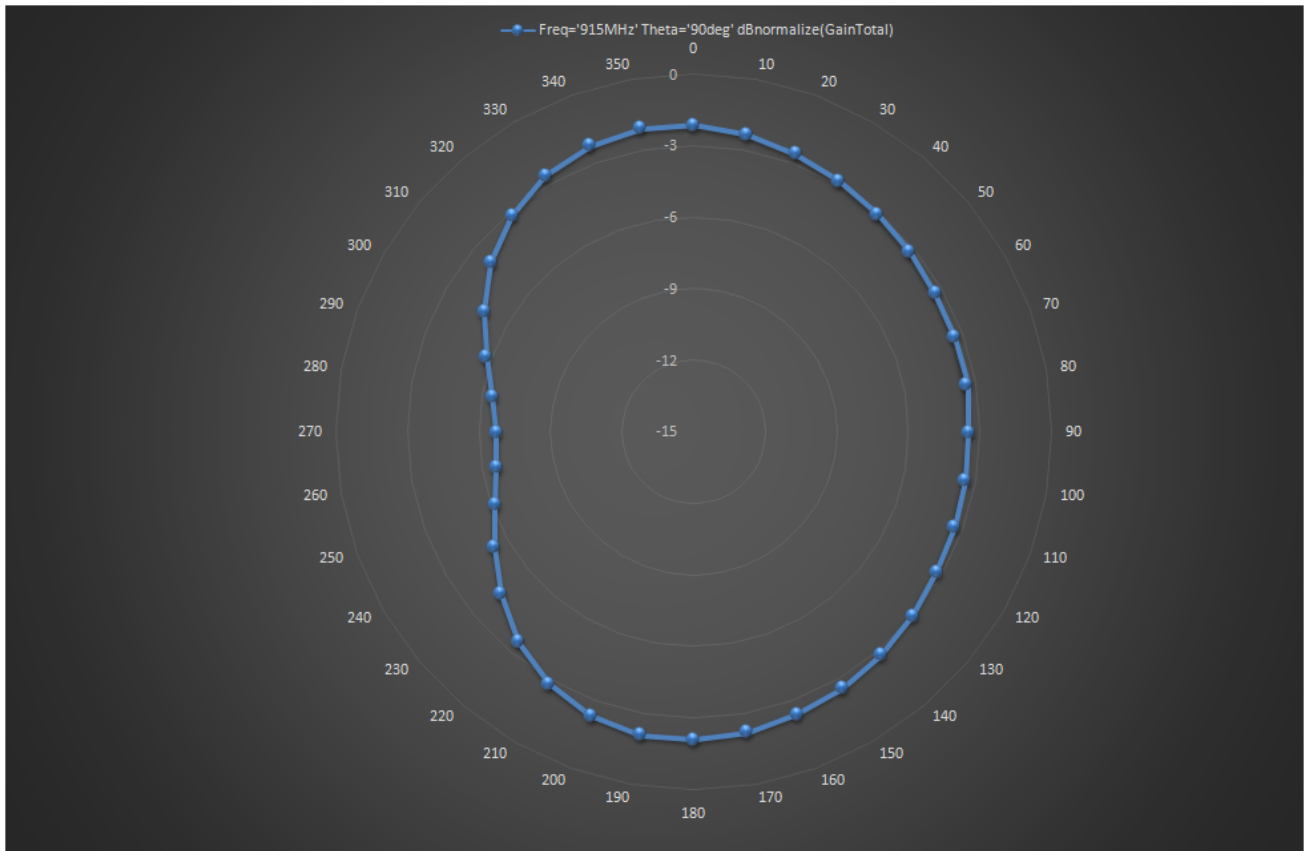




Z-X plane norm.



Z-Y plane norm.



X-Y plane norm.

