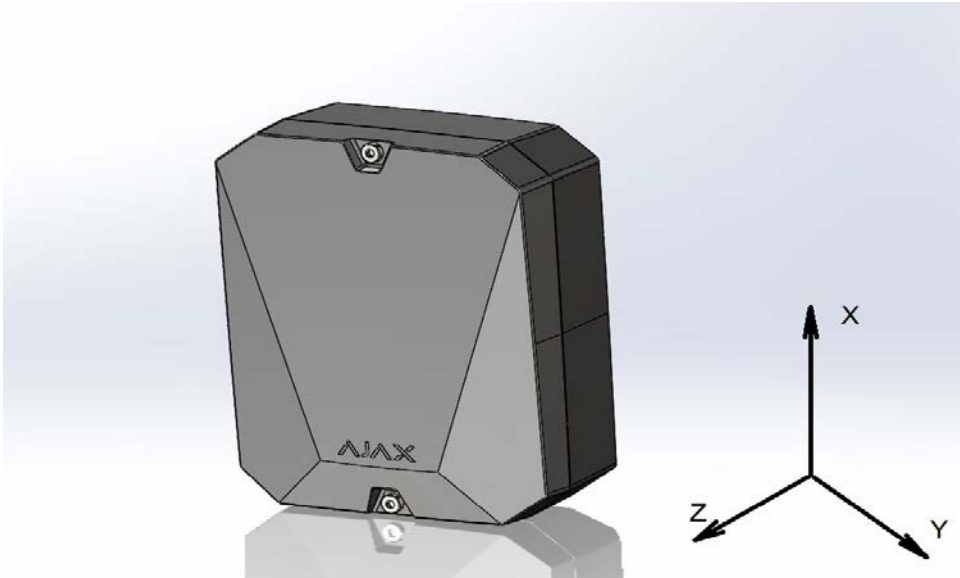
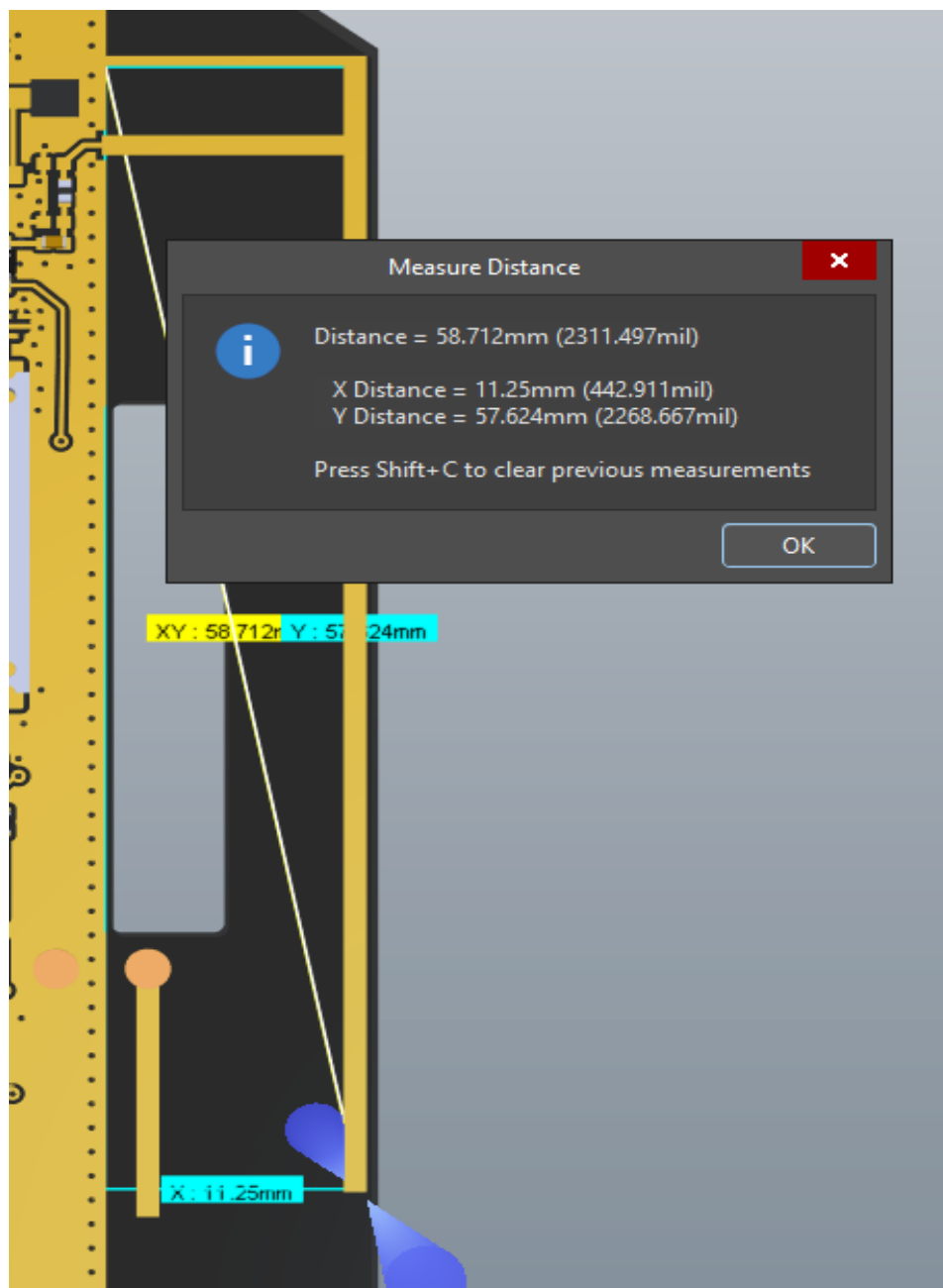


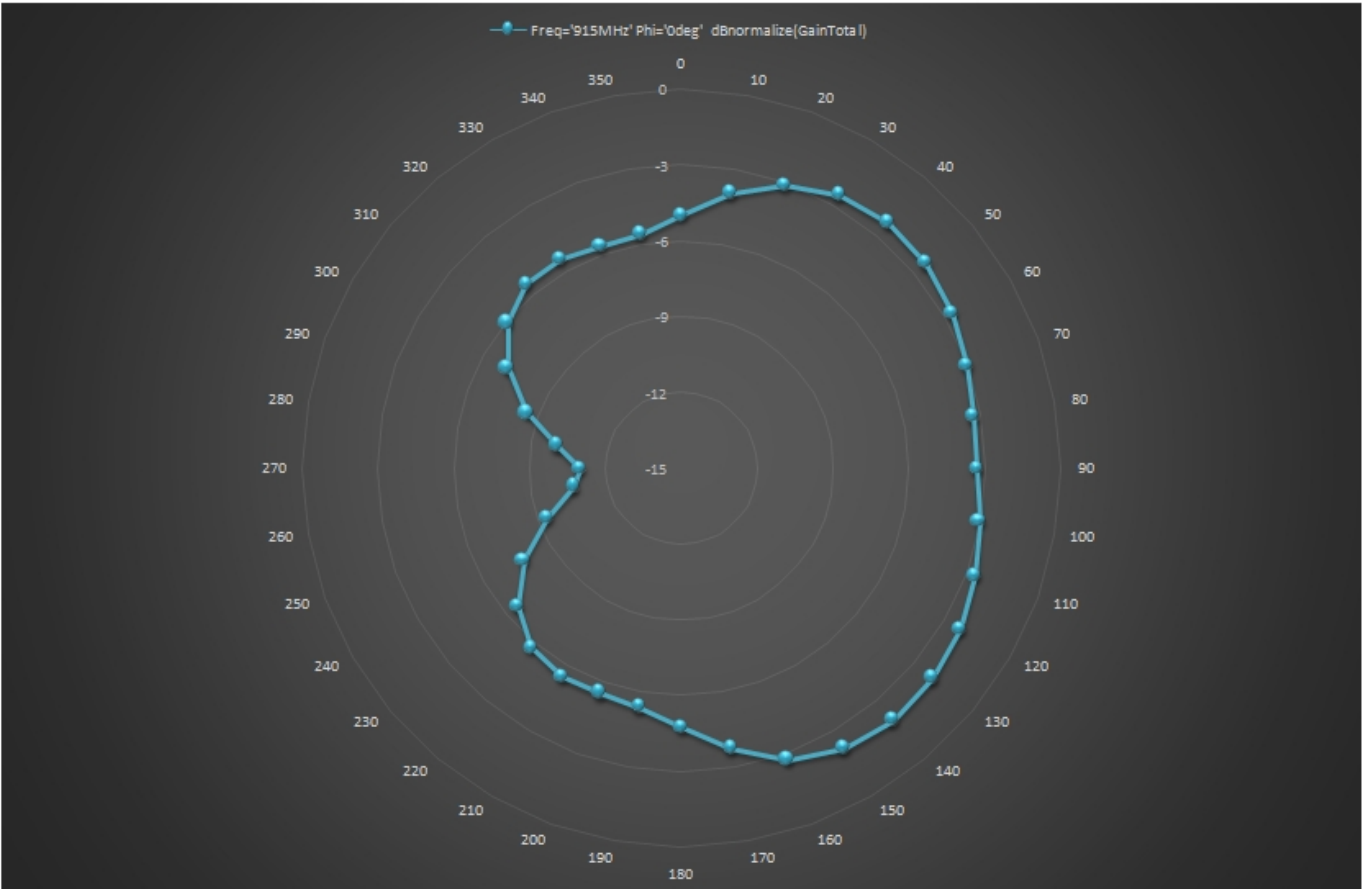
| Angle, degrees | Freq=' 915MHz' Phi=' 0deg'<br>dBnormalize(GainTotal) | Freq=' 915MHz' Theta=' 90deg'<br>dBnormalize(GainTotal) | Freq=' 915MHz' Theta=' 90deg'<br>dBnormalize(GainTotal) |
|----------------|------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
|                | Z-X plane                                            | Z-Y plane                                               | X-Y plane                                               |
| 0              | -4.98                                                | -3.83                                                   | -4.36                                                   |
| 10             | -3.96                                                | -3.51                                                   | -3.77                                                   |
| 20             | -3.06                                                | -3.37                                                   | -3.17                                                   |
| 30             | -2.53                                                | -3.54                                                   | -2.73                                                   |
| 40             | -2.34                                                | -4.09                                                   | -2.67                                                   |
| 50             | -2.41                                                | -4.93                                                   | -3.09                                                   |
| 60             | -2.67                                                | -5.84                                                   | -4.09                                                   |
| 70             | -3.03                                                | -6.57                                                   | -5.72                                                   |
| 80             | -3.31                                                | -7.07                                                   | -7.86                                                   |
| 90             | -3.33                                                | -7.41                                                   | -9.59                                                   |
| 100            | -3.07                                                | -7.51                                                   | -9.49                                                   |
| 110            | -2.67                                                | -7.08                                                   | -8.37                                                   |
| 120            | -2.3                                                 | -6.12                                                   | -7.7                                                    |
| 130            | -2.07                                                | -5.02                                                   | -7.93                                                   |
| 140            | -2                                                   | -4.14                                                   | -9.17                                                   |
| 150            | -2.19                                                | -3.56                                                   | -11.54                                                  |
| 160            | -2.77                                                | -3.29                                                   | -14.55                                                  |
| 170            | -3.74                                                | -3.31                                                   | -14.75                                                  |
| 180            | -4.77                                                | -3.62                                                   | -12                                                     |
| 190            | -5.4                                                 | -4.17                                                   | -9.86                                                   |
| 200            | -5.52                                                | -4.86                                                   | -9                                                      |
| 210            | -5.5                                                 | -5.69                                                   | -9.37                                                   |
| 220            | -5.77                                                | -6.77                                                   | -10.96                                                  |
| 230            | -6.53                                                | -8.12                                                   | -13.8                                                   |
| 240            | -7.78                                                | -9.56                                                   | -17.26                                                  |
| 250            | -9.33                                                | -10.78                                                  | -17.38                                                  |
| 260            | -10.68                                               | -11.48                                                  | -15.02                                                  |
| 270            | -10.97                                               | -11.62                                                  | -13.8                                                   |
| 280            | -9.99                                                | -11.38                                                  | -13.77                                                  |
| 290            | -8.48                                                | -10.74                                                  | -13.87                                                  |
| 300            | -7.04                                                | -9.72                                                   | -12.73                                                  |
| 310            | -5.99                                                | -8.45                                                   | -10.52                                                  |
| 320            | -5.46                                                | -7.09                                                   | -8.4                                                    |
| 330            | -5.41                                                | -5.86                                                   | -6.8                                                    |
| 340            | -5.62                                                | -4.92                                                   | -5.71                                                   |
| 350            | -5.61                                                | -4.28                                                   | -4.96                                                   |

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

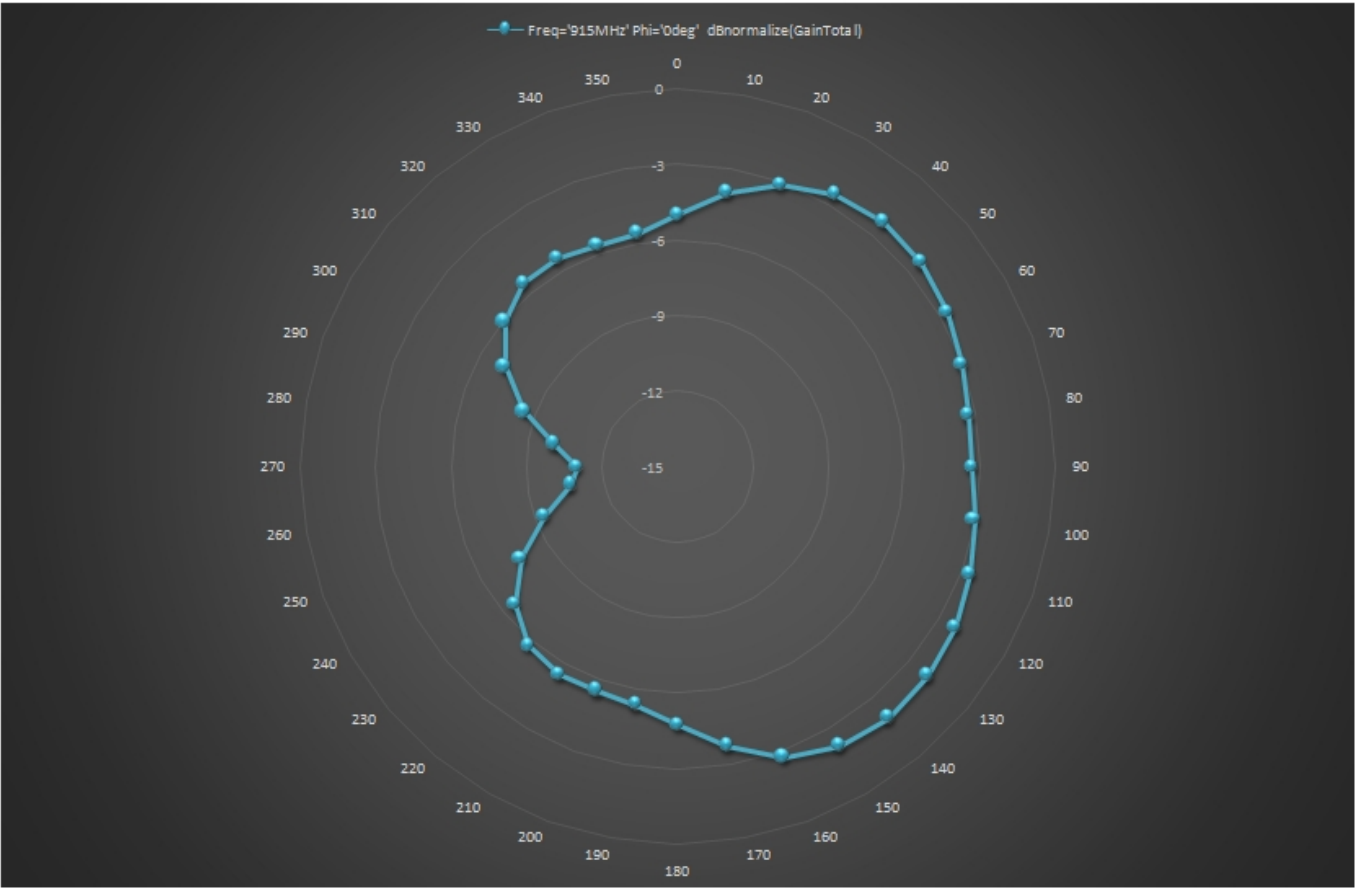




Z-X plane norm.



Z-Y plane norm.



X-Y plane norm.

