

Figure 2 Vertical polarization XY Plane (AN043)

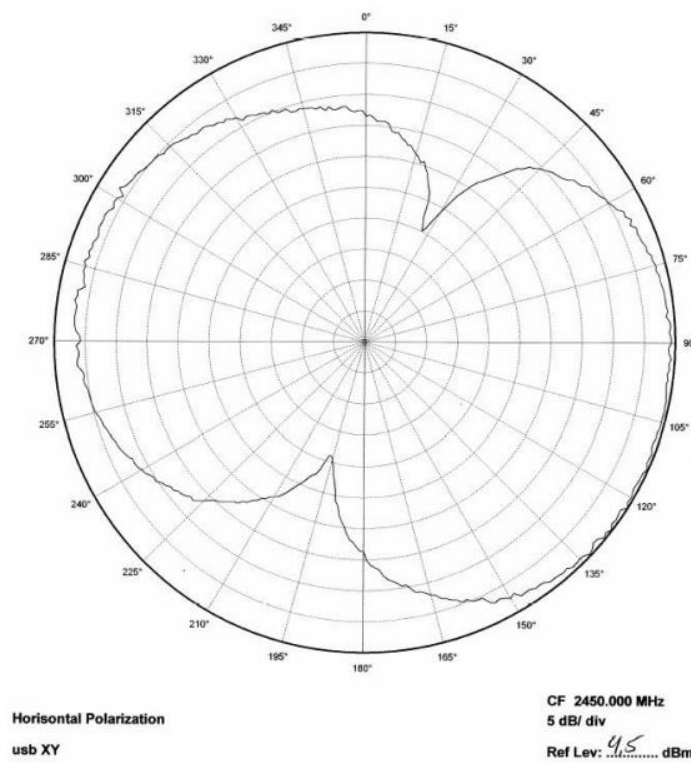


Figure 3 Horizontal polarization XY Plane (AN043)

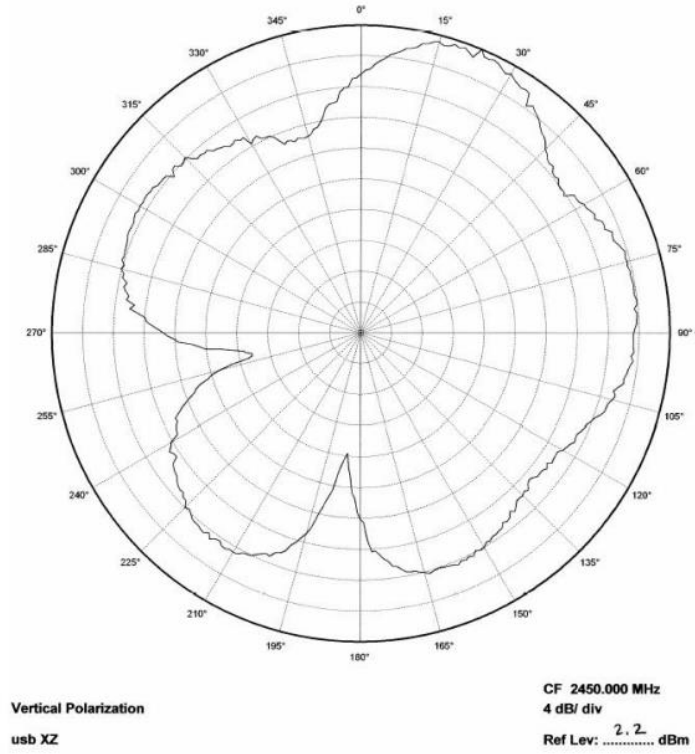


Figure 4 Vertical polarization XZ Plane (AN043)

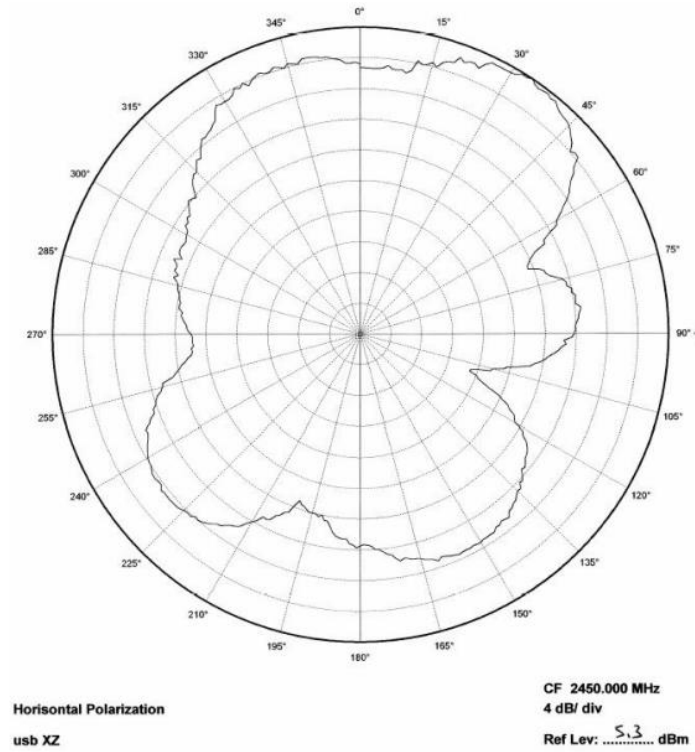


Figure 5 Horizontal polarization XZ Plane (AN043)

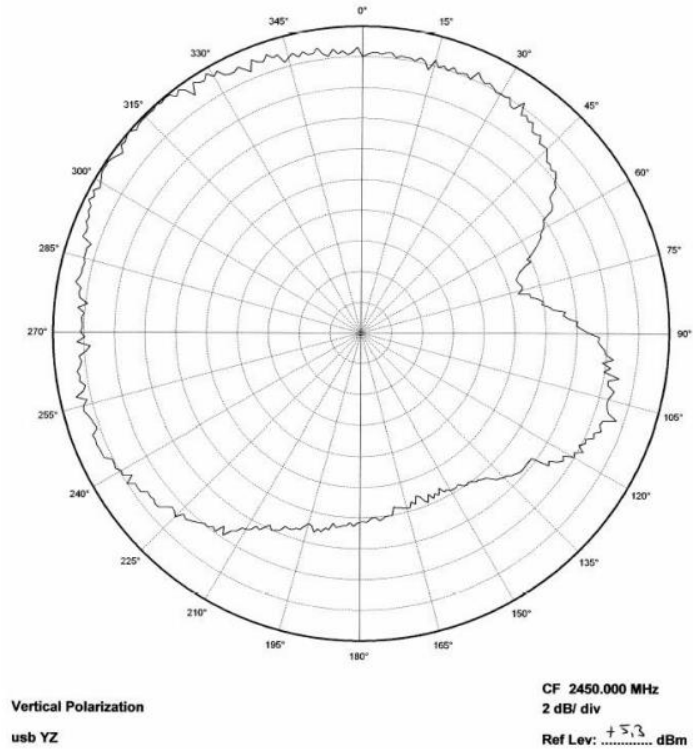


Figure 6 Vertical polarization YZ Plane (AN043)

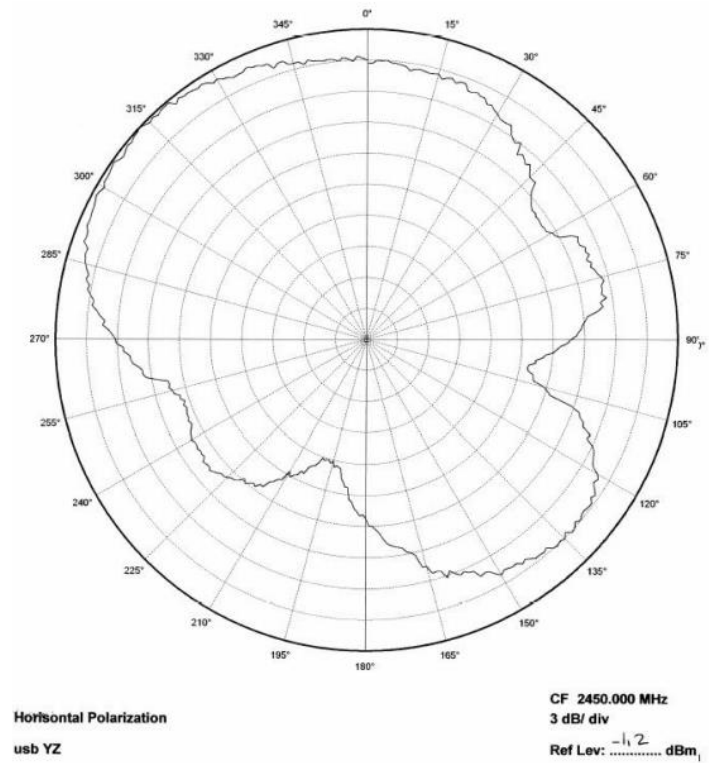


Figure 7 Horizontal polarization YZ Plane (AN043)

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|--------------|----------------------|------------------------|
| CICLO | BHU3200 antenna gain | Georg Jahnen |
| | | CicloSport |
| | 25.04.2022 | K.W. Hochschorner GmbH |

3 ANTENNA GAIN

As can be seen from the application note from Texas Instruments, the meandered inverted F-antenna (IFA) has approximately omnidirectional characteristic of an isotropic radiator. Therefore, we assume an antenna gain of 0 dBi.