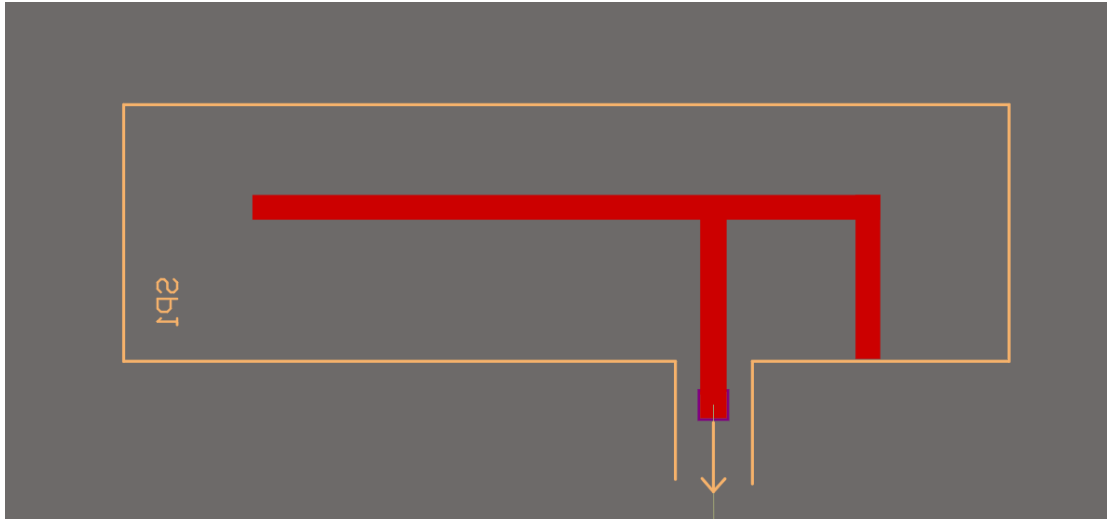


The size of the "F" antenna is as follows, and the maximum gain of the antenna is+3.3dB.



**Figure 1 The shape of the antenna**

The specific parameters are as follows:

**1.Frequency Band**

Tx:2400MHz~2480 MHz

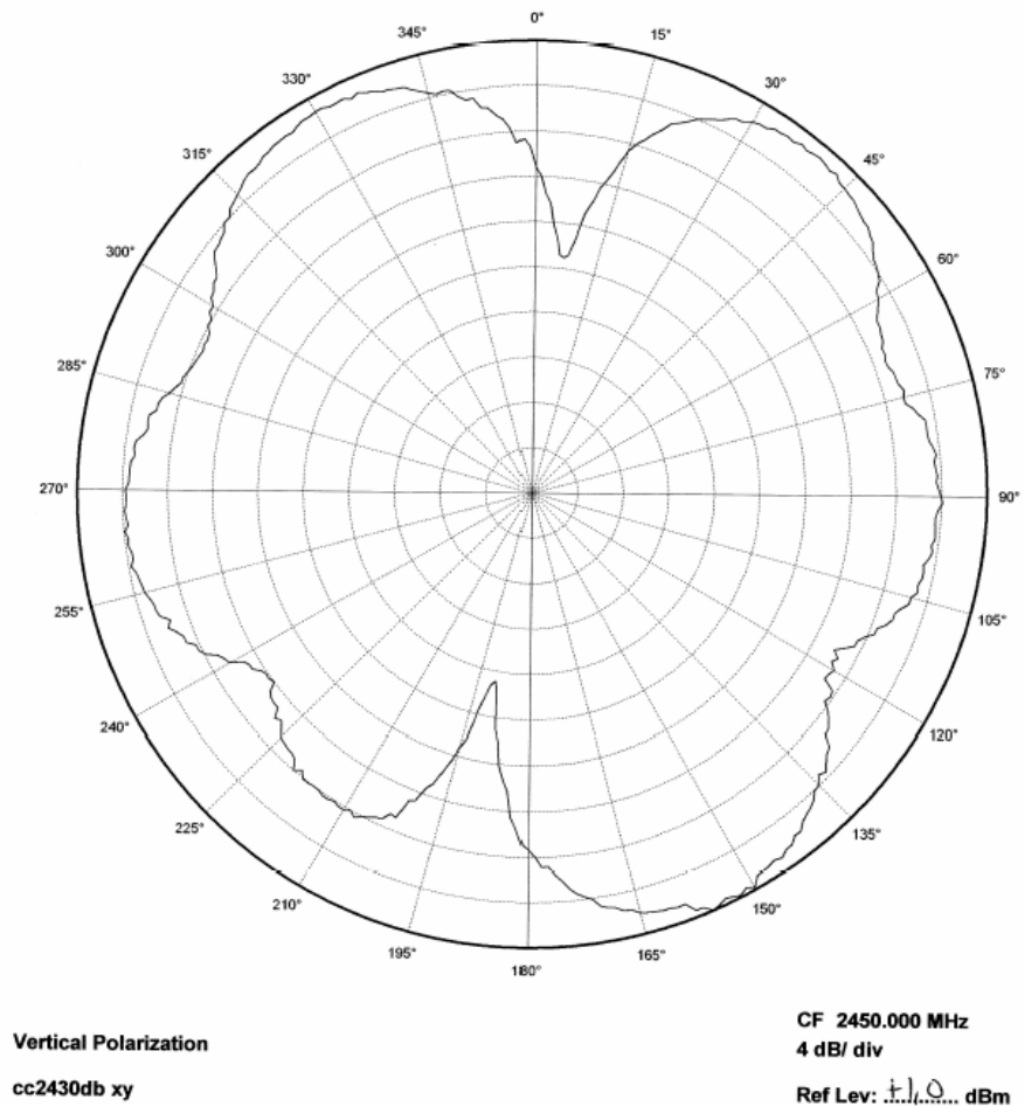
Rx:2400 MHz ~2480 MHz

**2.Antenna Parameters summary(2440MHz)**

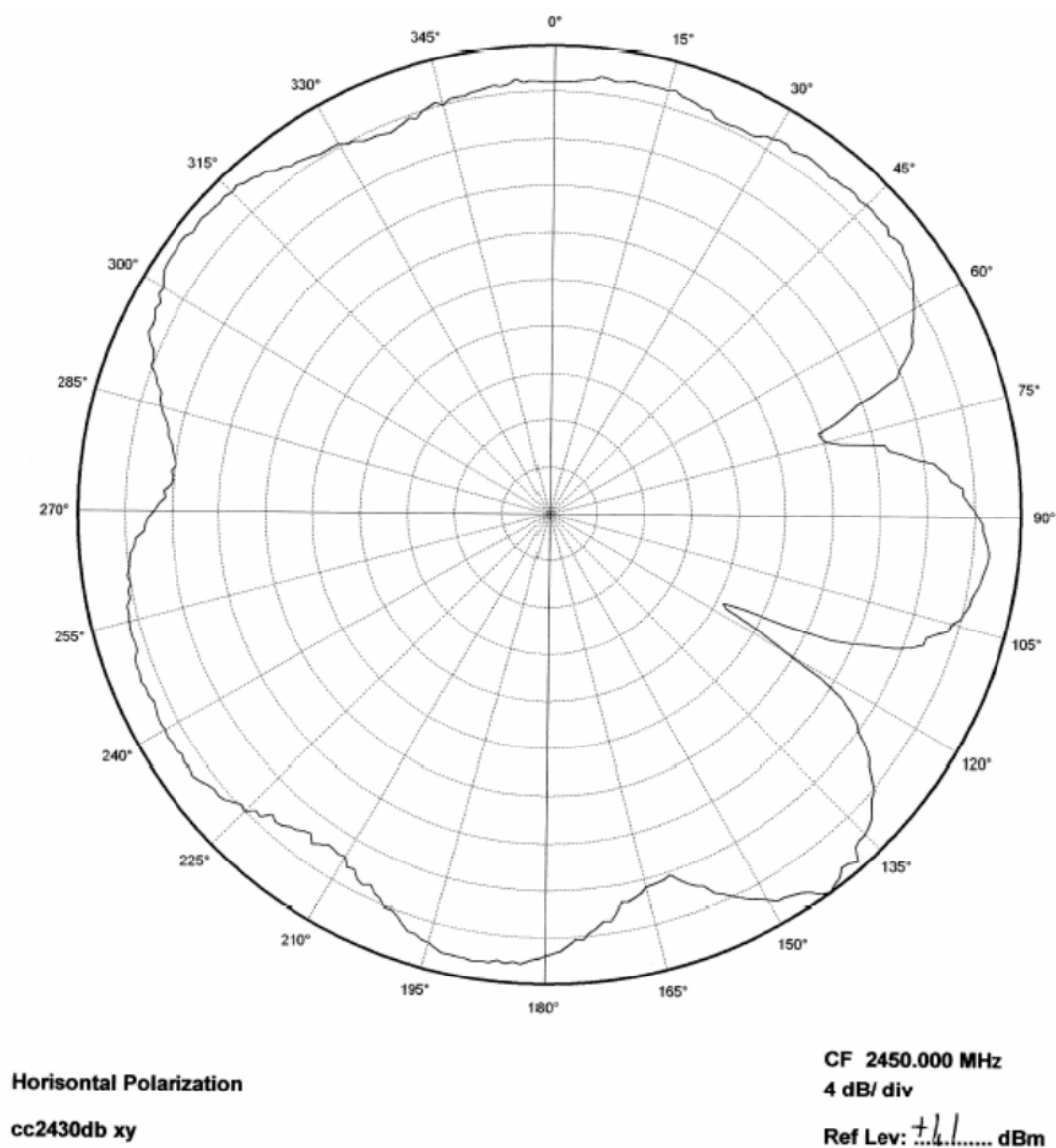
Gain in XY Plane	1.1 dB
Gain in XZ Plane	3.3 dB
Gain in YZ Plane	1.6 dB
Reflection	< -15 dB
Antenna Size	25.7 x 7.5 mm

**Table 1 Summery of the Properties of the IFA**

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**Figure2 XY Plane Vertical Polarization**



**Figure3 XY Plane Horizontal Polarization**

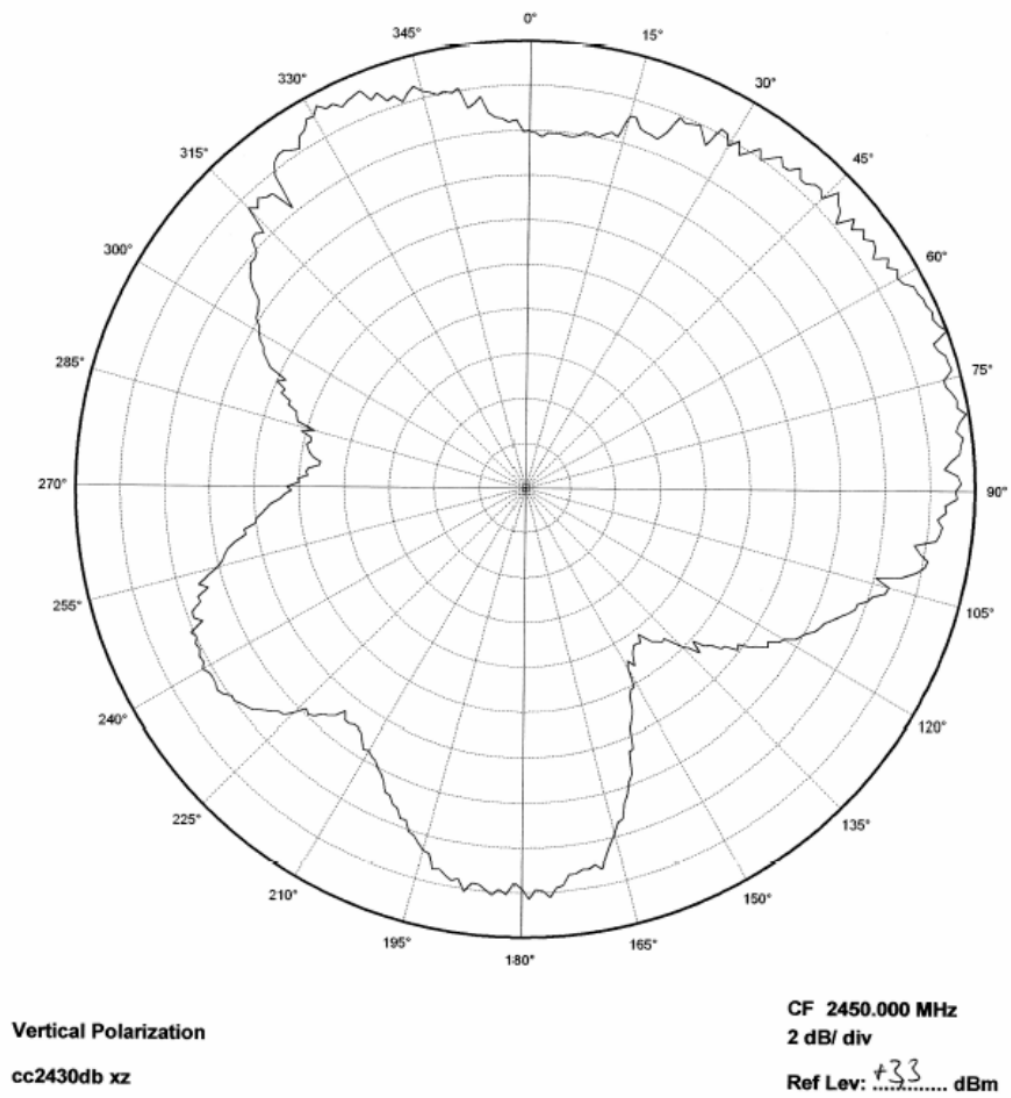
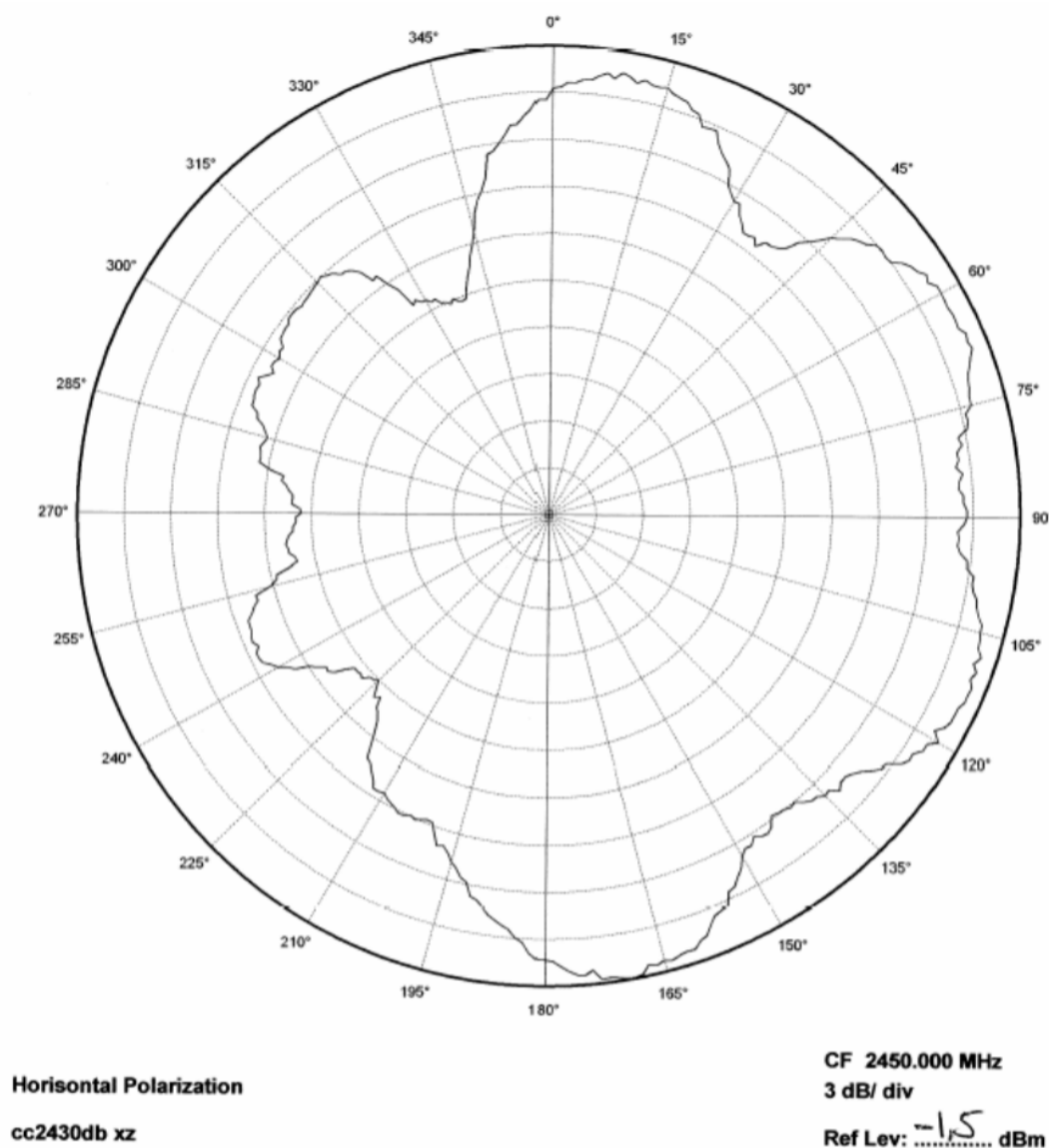
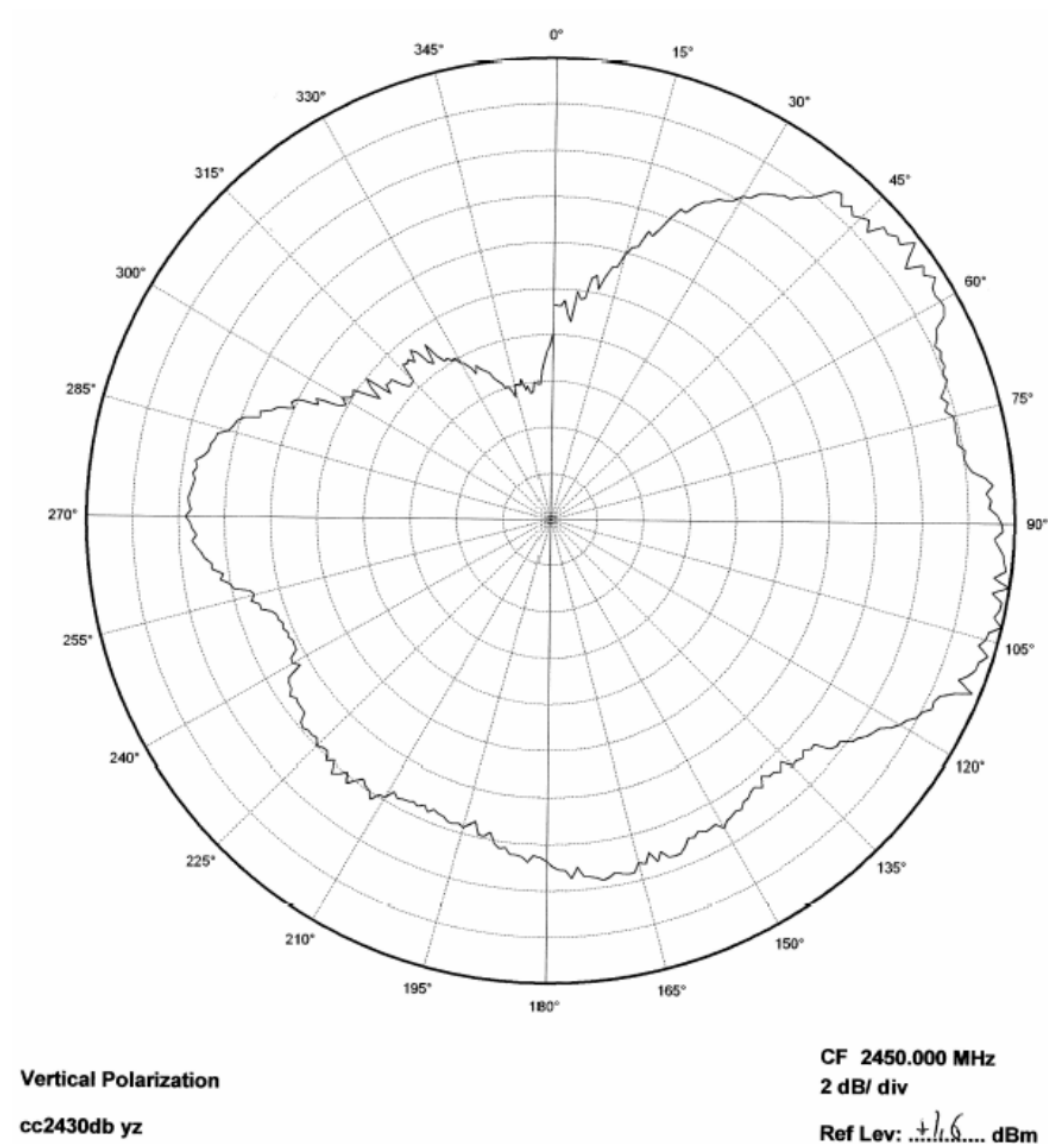


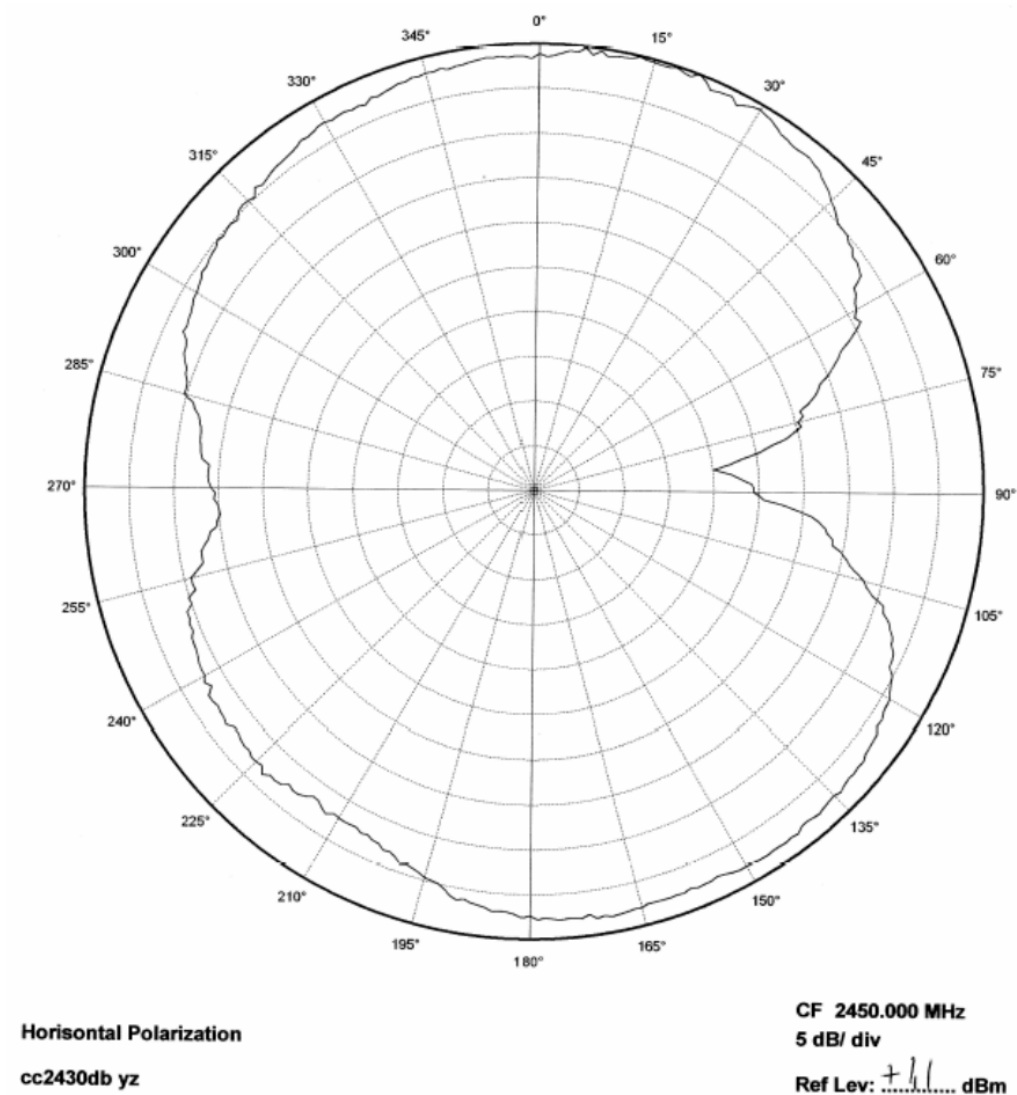
Figure4 XZ Plane Vertical Polarization



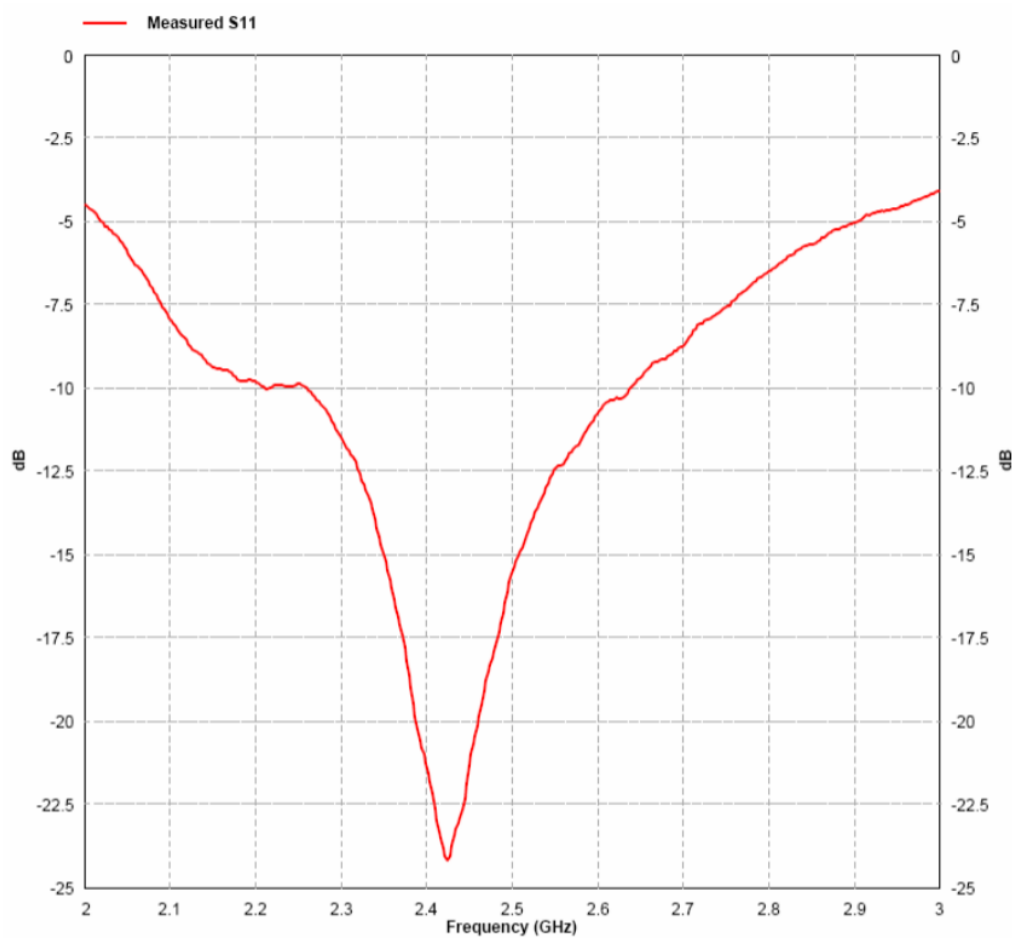
**Figure5 XZ Plane Horizontal Polarization**



**Figure6 YZ Plane Vertical Polarization**



**Figure8 YZ Plane Horizontal Polarization**



**Figure9 Measured Reflection at the Feed Point of the Antenna**