

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

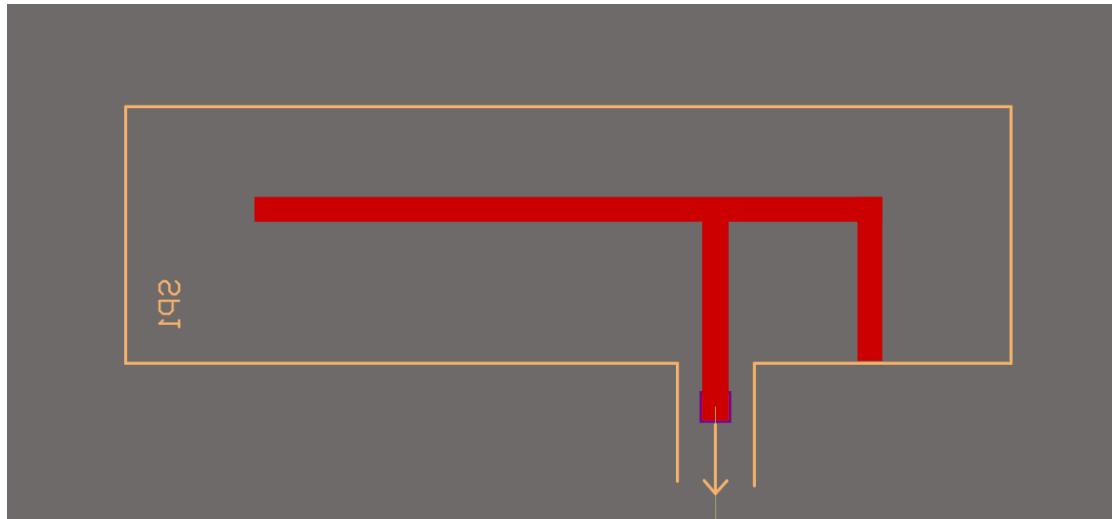


Figure 1 The shape of the antenna

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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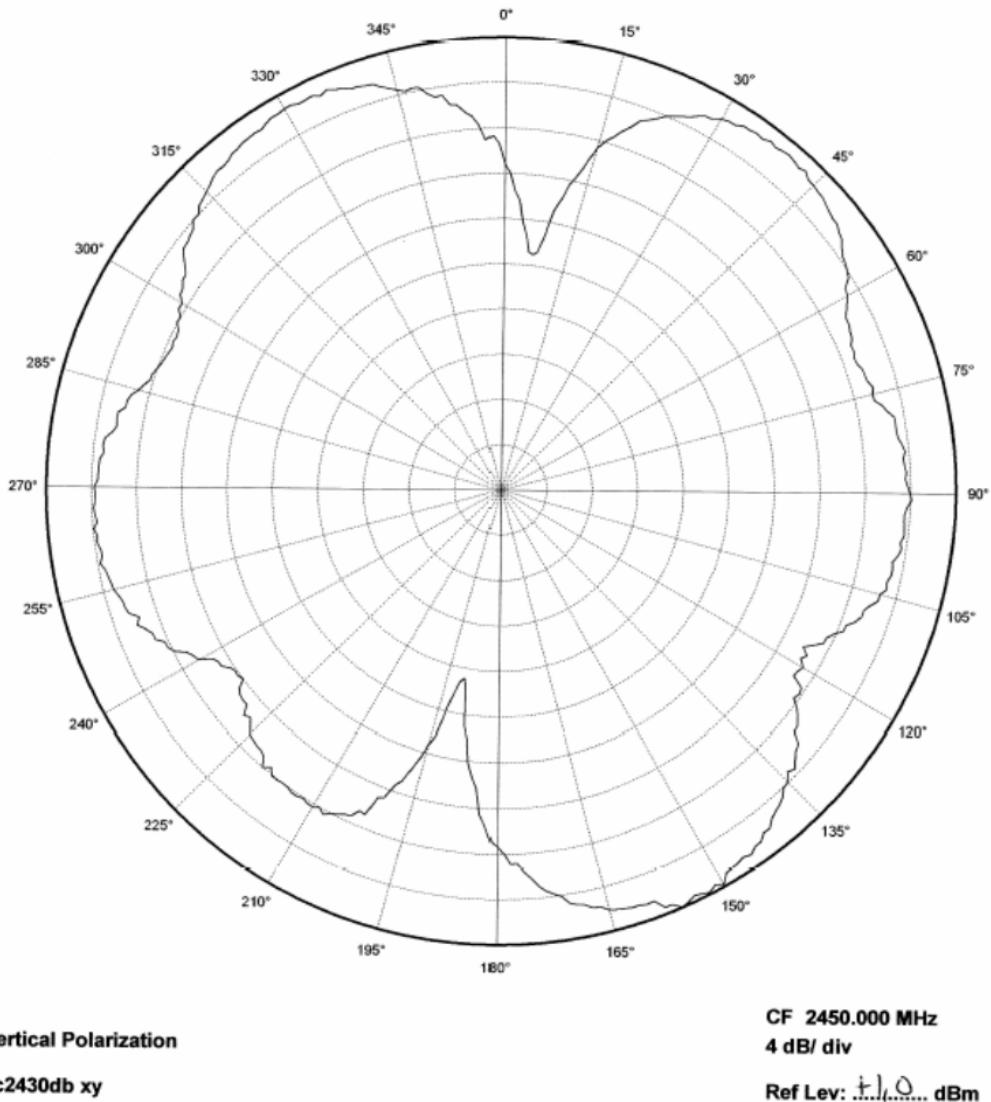


Figure2 XY Plane Vertical Polarization

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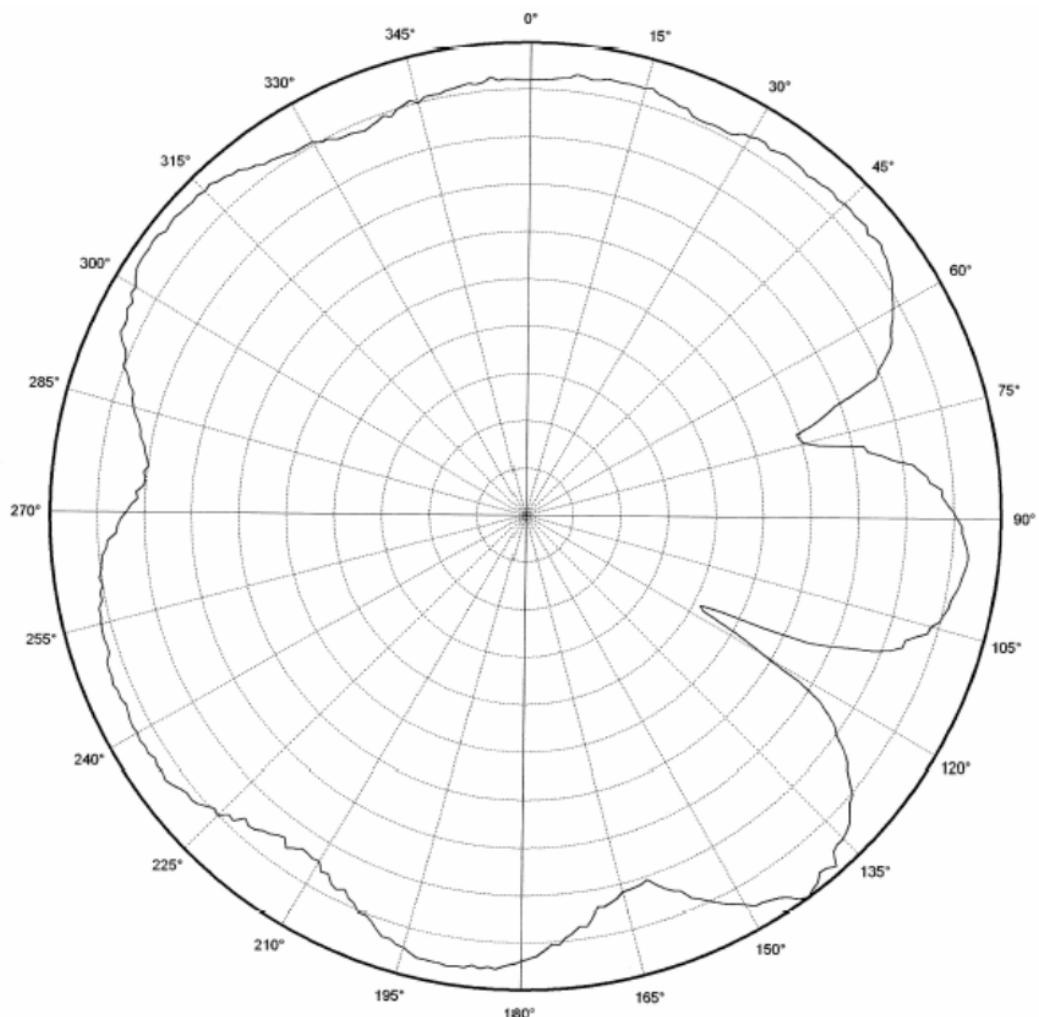


Figure3 XY Plane Horizontal Polarization

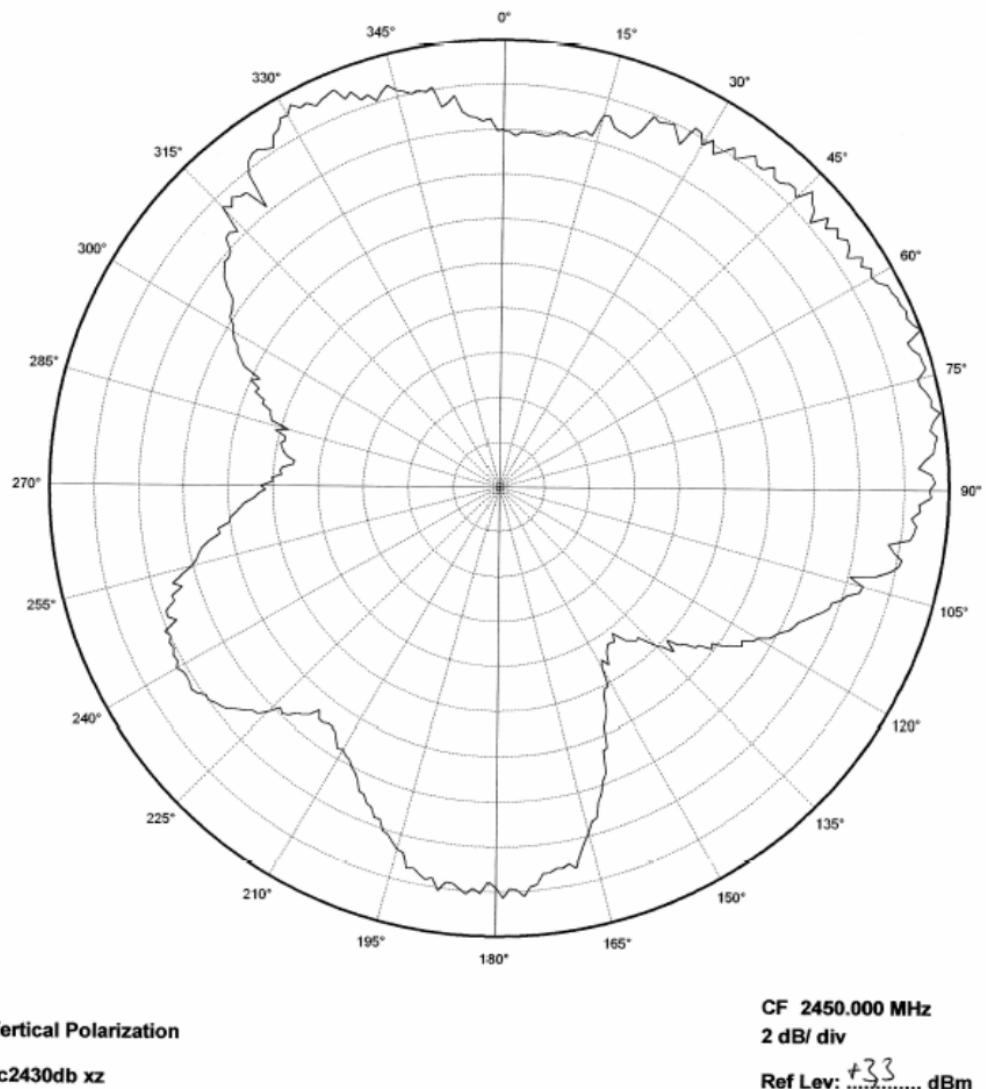


Figure4 XZ Plane Vertical Polarization

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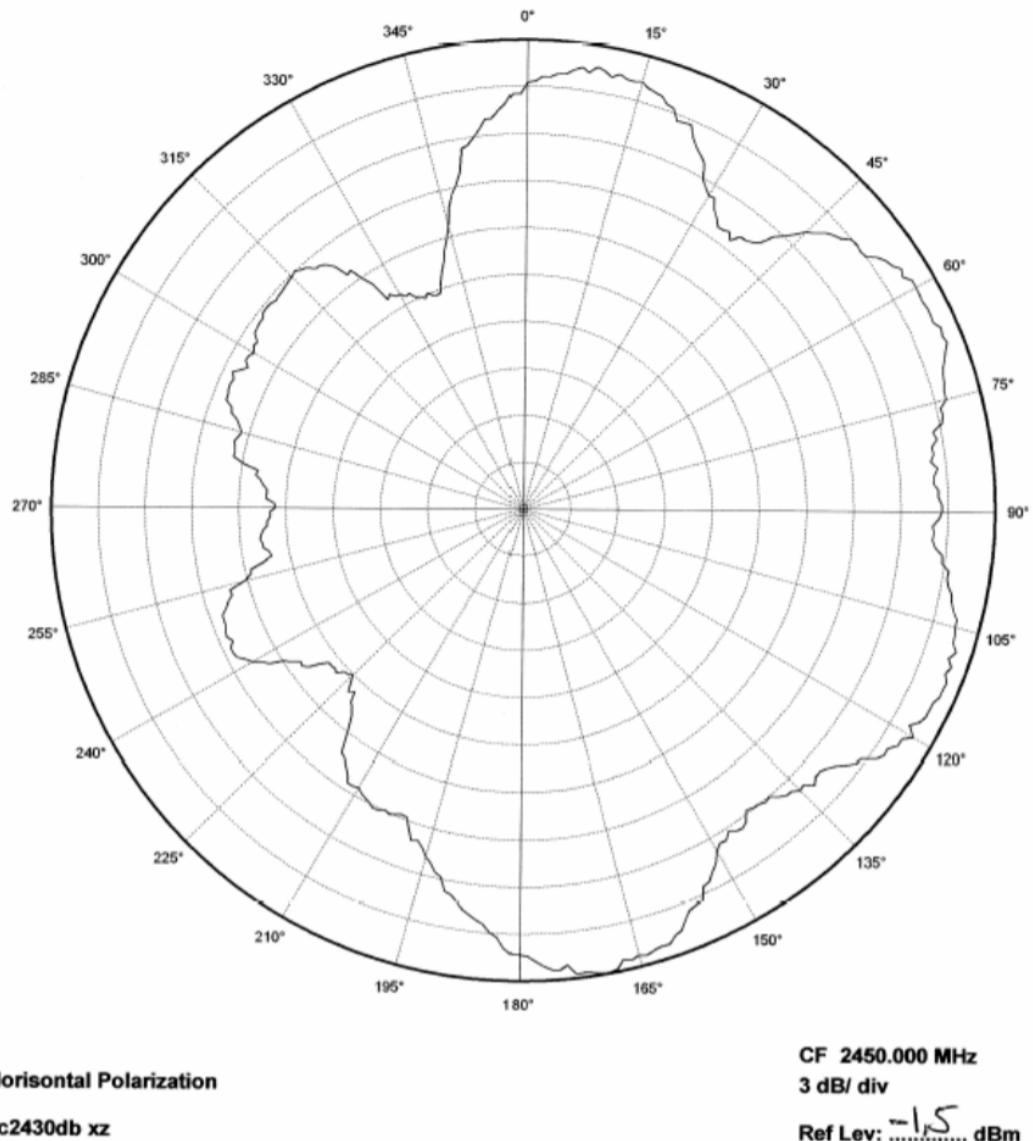
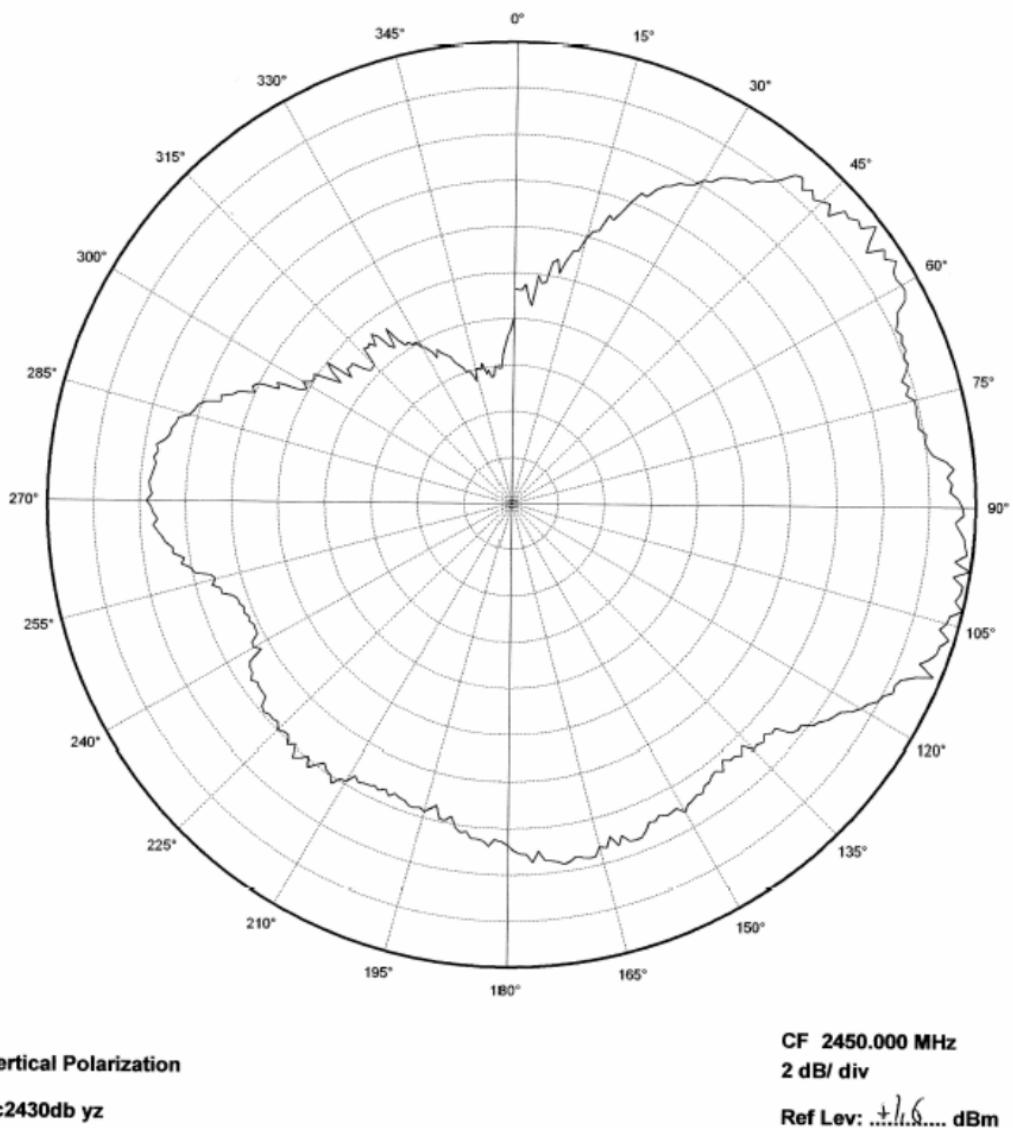


Figure5 XZ Plane Horizontal Polarization

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Vertical Polarization
cc2430db yz

CF 2450.000 MHz
2 dB/ div
Ref Lev: +1.6.... dBm

Figure6 YZ Plane Vertical Polarization

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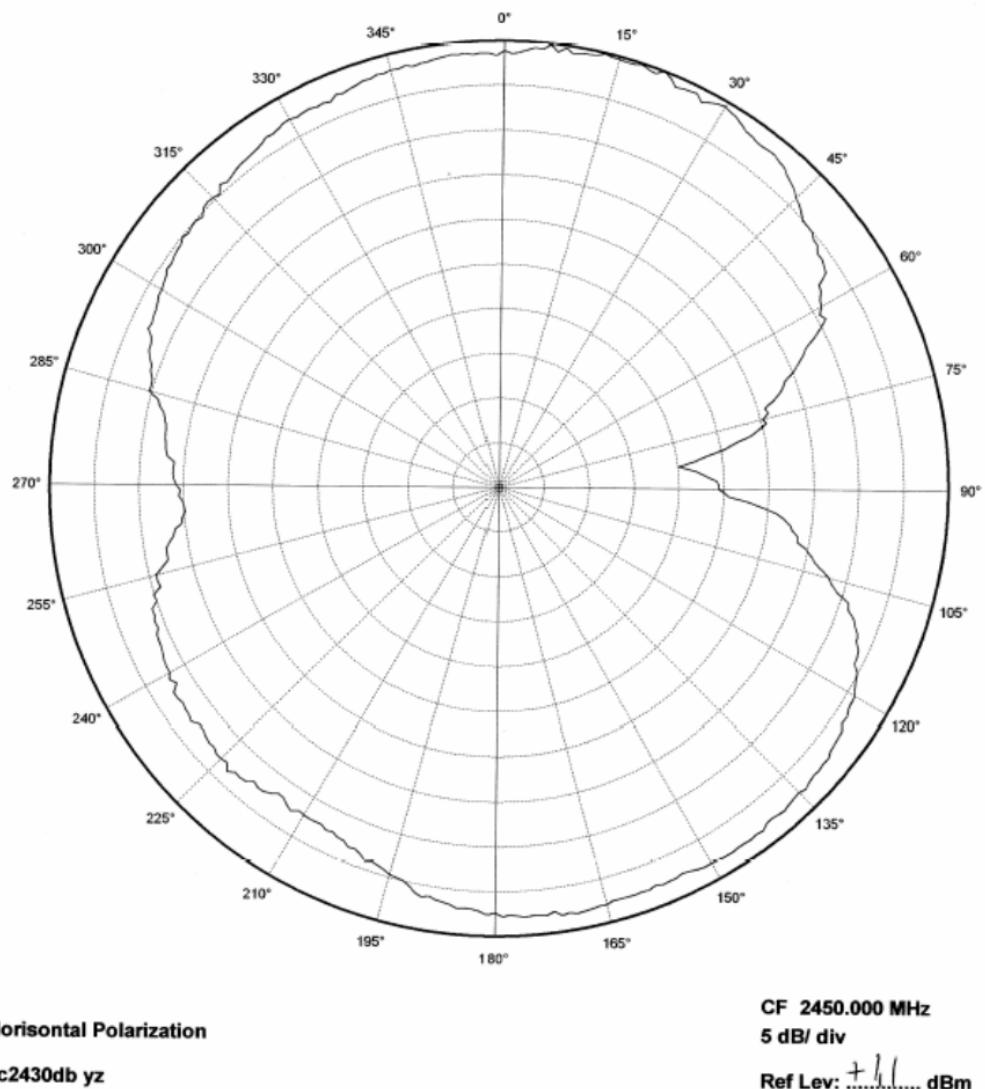


Figure8 YZ Plane Horizontal Polarization

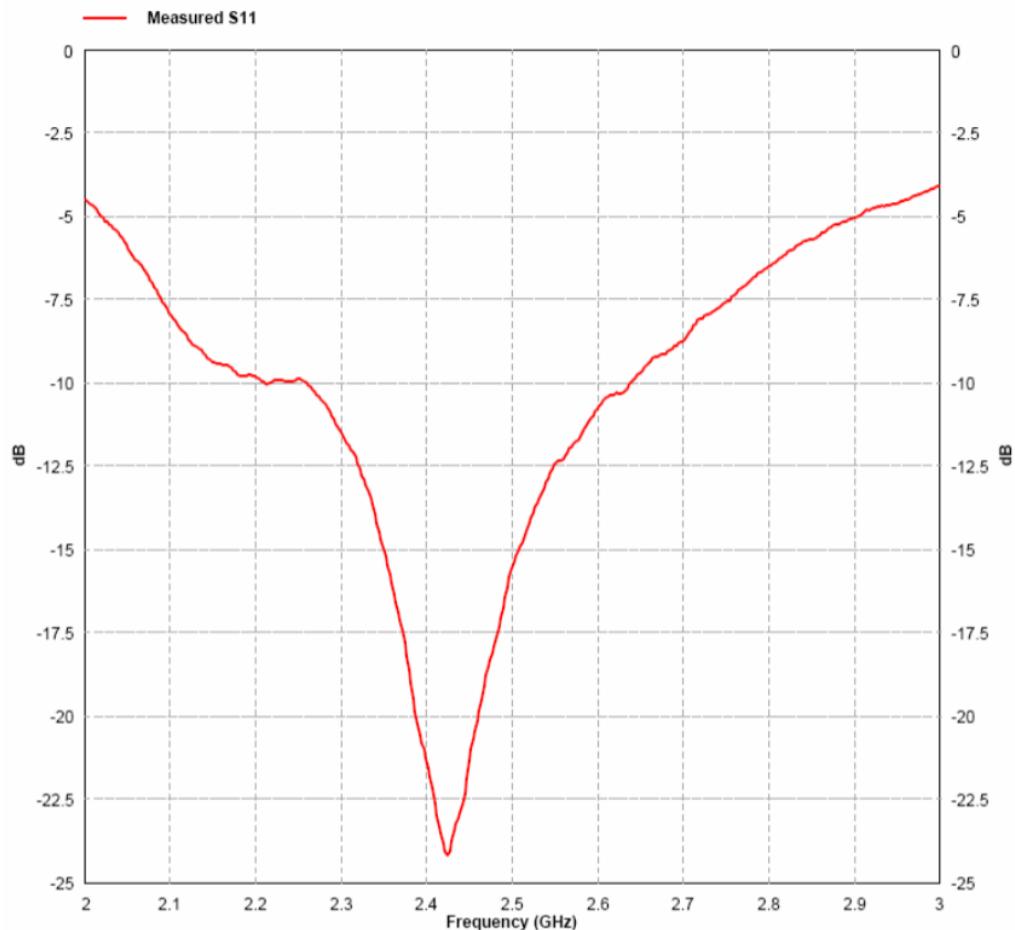


Figure9 Measured Reflection at the Feed Point of the Antenna