

ANTENNA SPECIFICATION

Antenna description:

Manufacturer Name	Xchart, Inc.
Manufacturer Address	304 W Pacific Ave. Suite #210, Spokane, WA 99201 United States
Antenna plate	Monopole antenna
Model name	2.4G IFA ANT
Antenna gain	+1.1 dBi
Frequency range	2.4 GHz - 2.483 GHz
Connector type	Direct
Dimensions	25.58 mm x 6.91 mm

Antenna Dimensions:

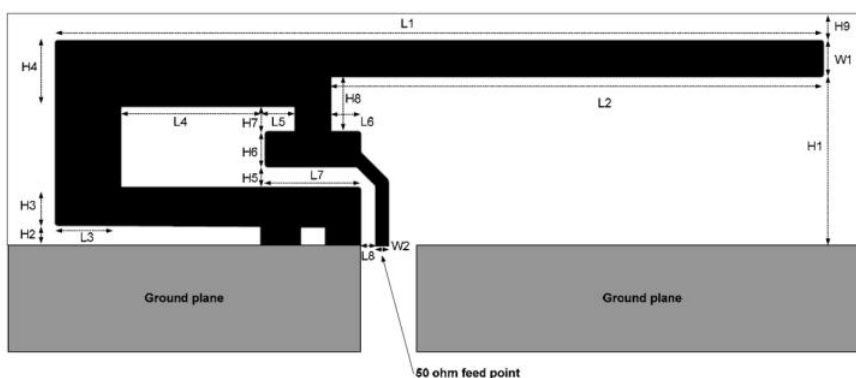


Figure 1-1. IFA Dimensions

Table 1-1. IFA Dimensions

H1	5.70 mm	W2	0.46 mm
H2	0.74 mm	L1	25.58 mm
H3	1.29 mm	L2	16.40 mm
H4	2.21 mm	L3	2.18 mm
H5	0.66 mm	L4	4.80 mm
H6	1.21 mm	L5	1.00 mm
H7	0.80 mm	L6	1.00 mm
H8	1.80 mm	L7	3.20 mm
H9	0.61 mm	L8	0.45 mm
W1	1.21 mm		

Radiation Pattern Orientation:

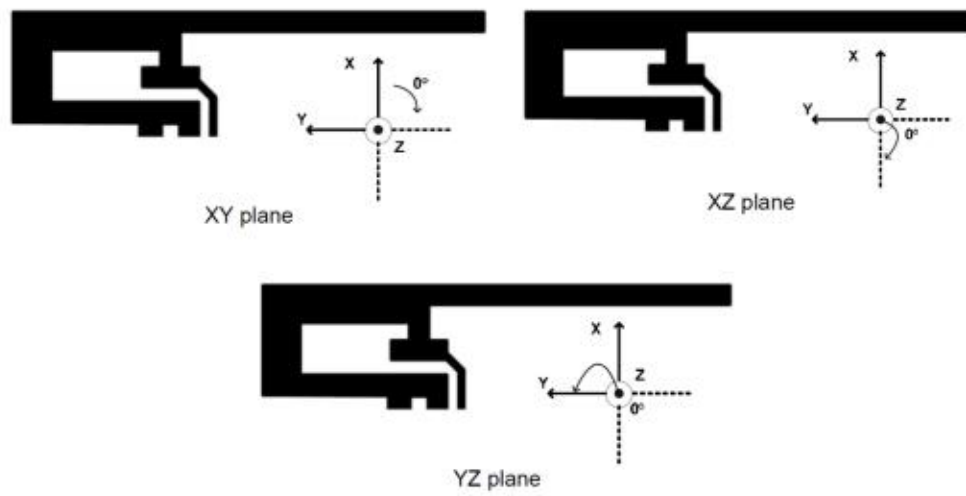
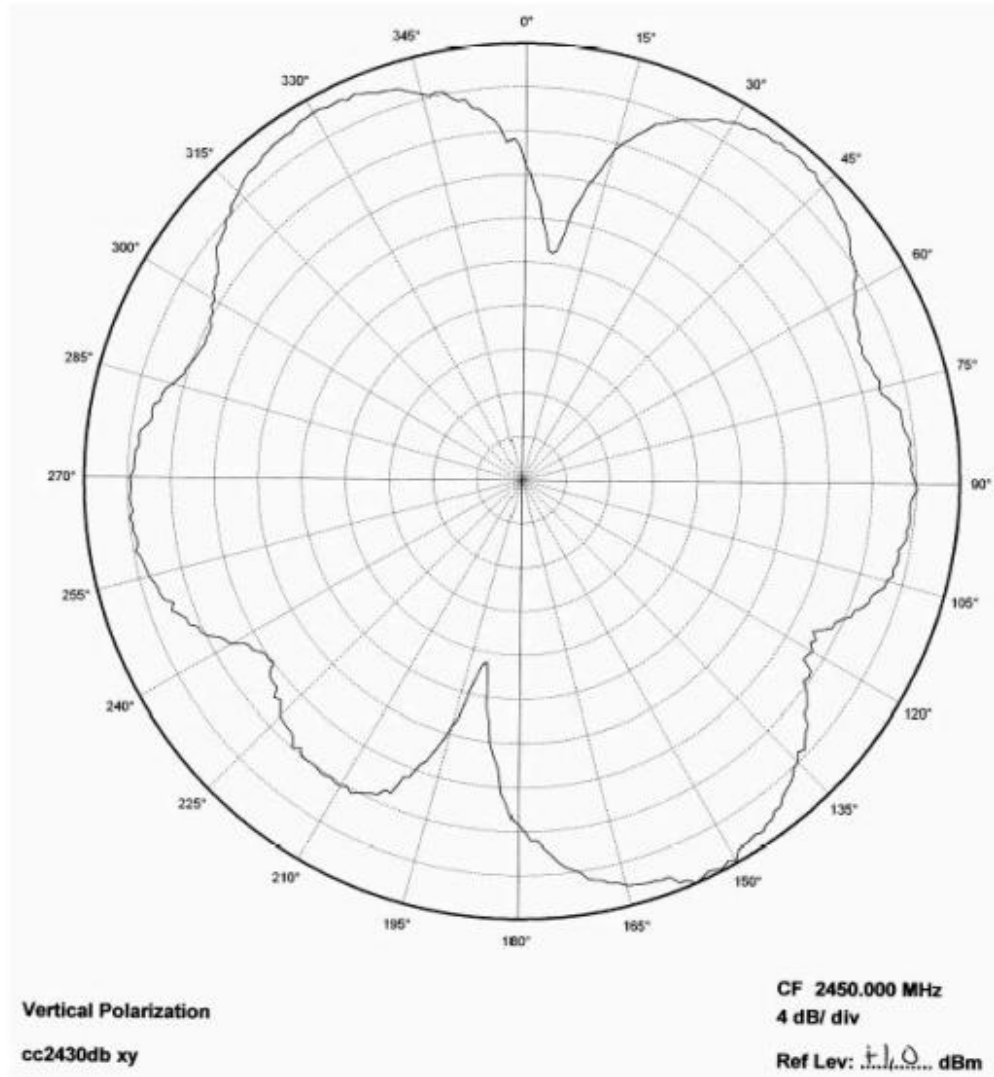


Figure 2-1. Relating Antenna to Radiation Patterns

Radiation Pattern:

Figure 2-2 shows the XY plane vertical polarization.



XY Plane-Vertical Polarization

Figure 2-3 shows the XY plane horizontal polarization.

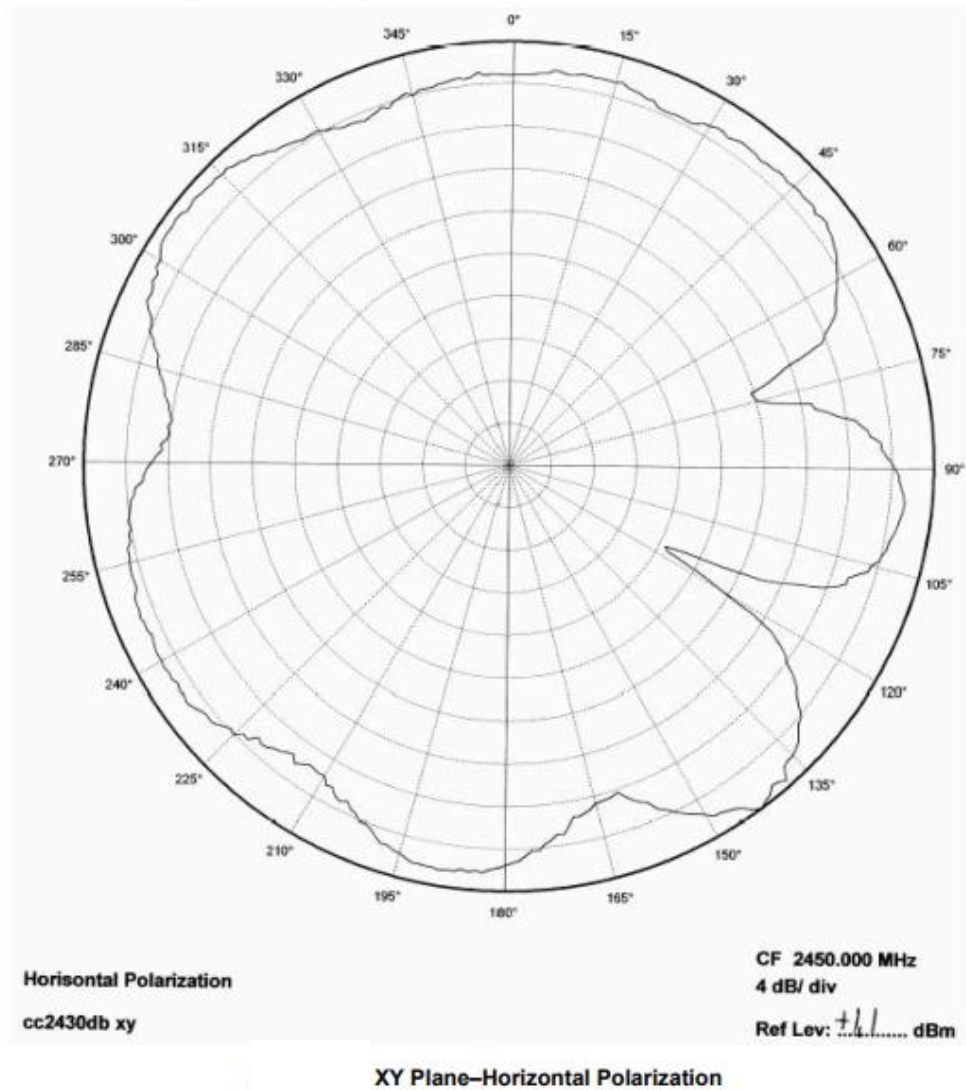
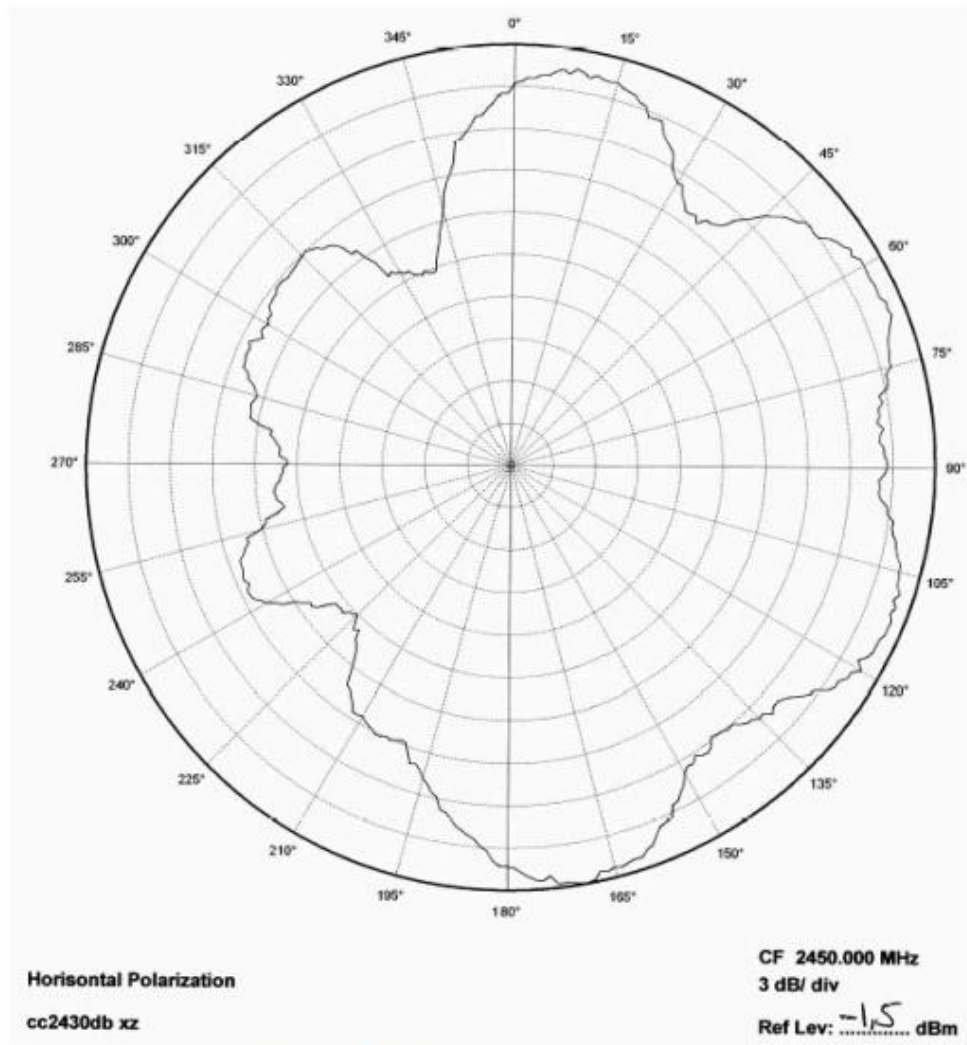
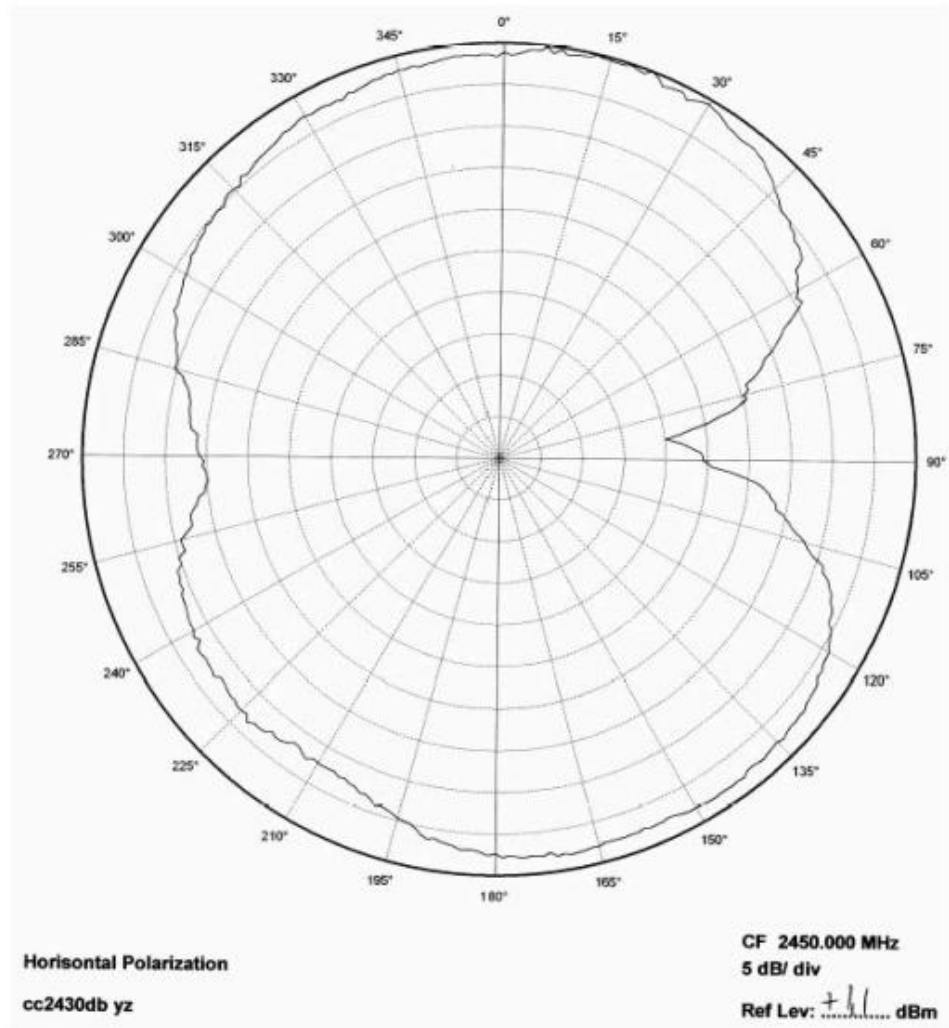


Figure 2-5 shows the XZ plane horizontal polarization.



XZ Plane—Horizontal Polarization

Figure 2-7 shows the YZ plane horizontal polarization.



YZ Plane—Horizontal Polarization