

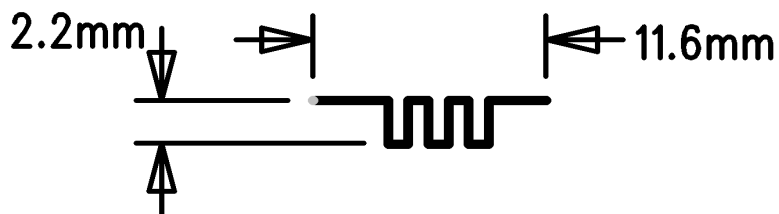
Antenna Specification

Specifications

Summary

ITEM	SPEC.	
Model Name	ISM 2.4 GHz	
Center Frequency	2402MHz 2441MHz 2480MHz	1.21dBi 1.32dBi 1.81dBi
MAX. GAIN	1.81dBi	
Polarization	Horizontal	
Azimuth Beam Pattern	Omni-directional	
Impedance	50 Ω	
Antenna Length	31mm	

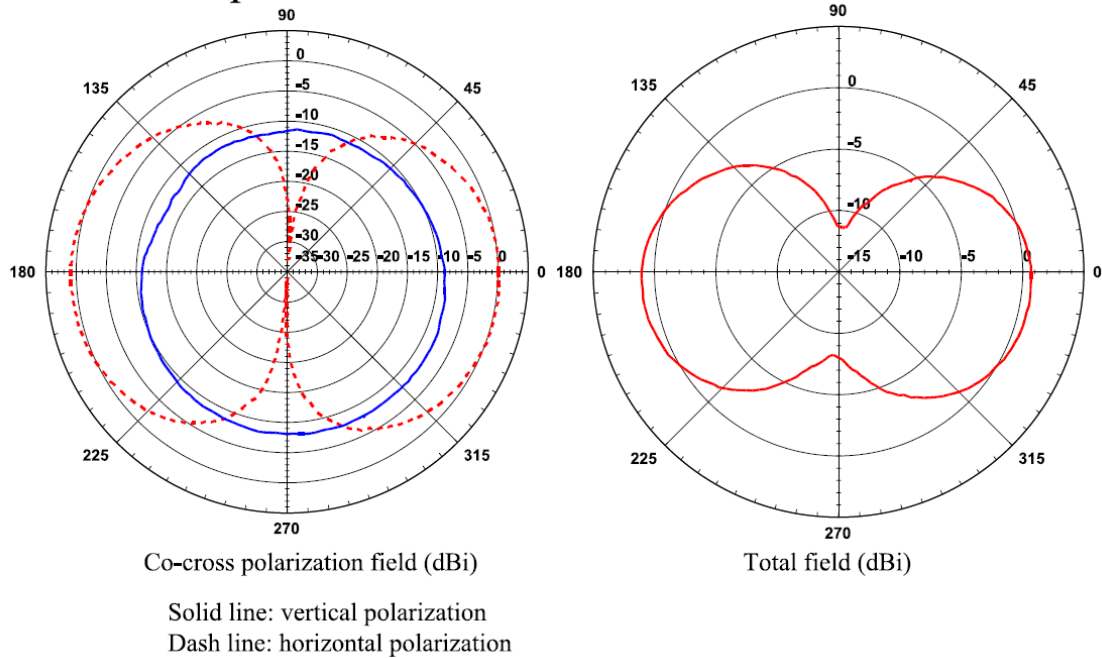
Antenna Photo & Length



Manufacturer: Shenzhen Unipin Technology Co., Ltd
Address: 2118, Honghai Gebu Building, Songgang Street, Bao'an District, Shenzhen, Guangdong Province, China

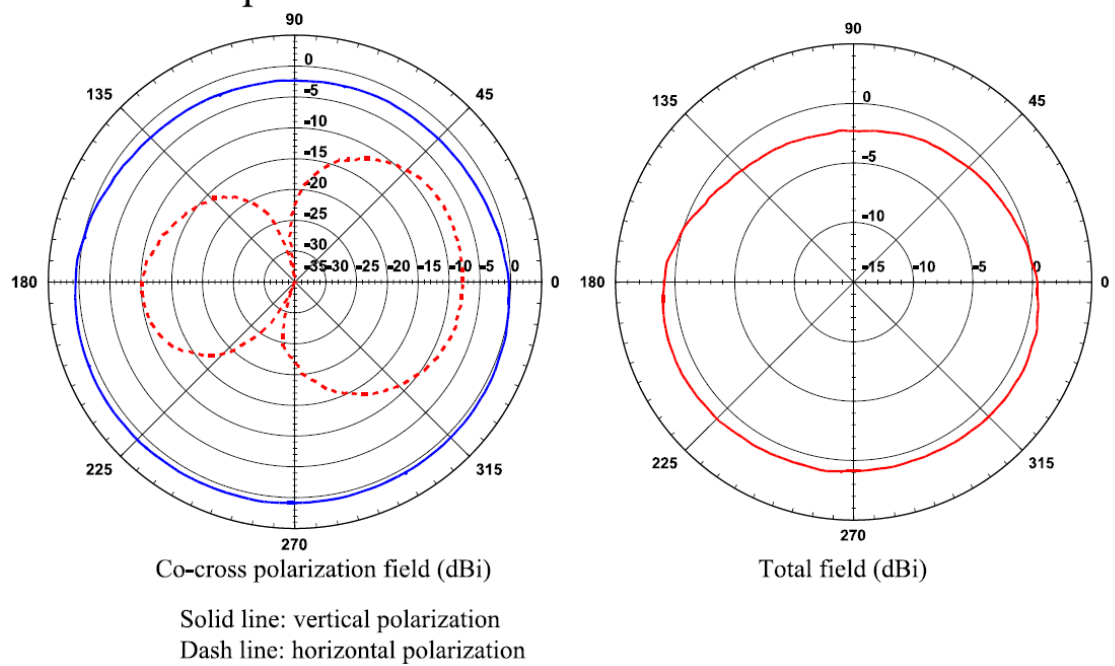
1.Main antenna : 2402MHz 1.1 Horizontal

Radiation pattern: Antenna 1. XZ Plane at $f = 2.402\text{GHz}$



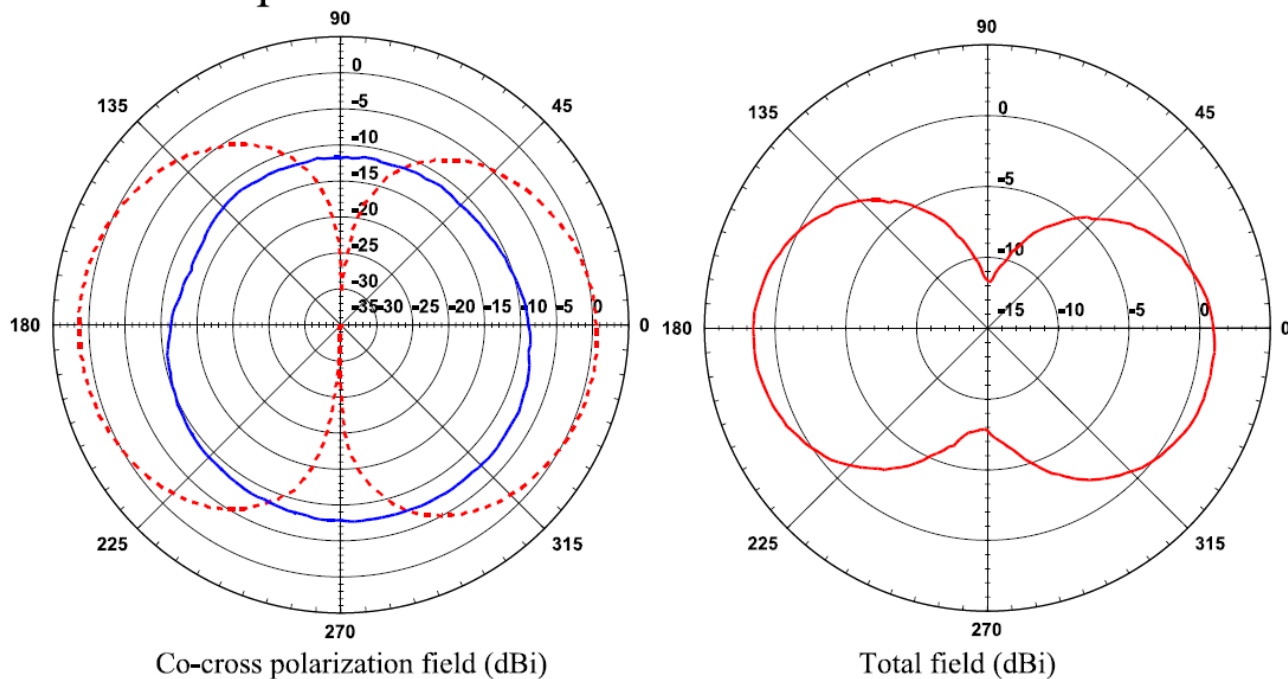
1.2 Vertical

Radiation pattern: Antenna 1. YZ Plane at $f = 2.402\text{GHz}$



2.Main antenna : 2442MHz 2.1 Horizontal

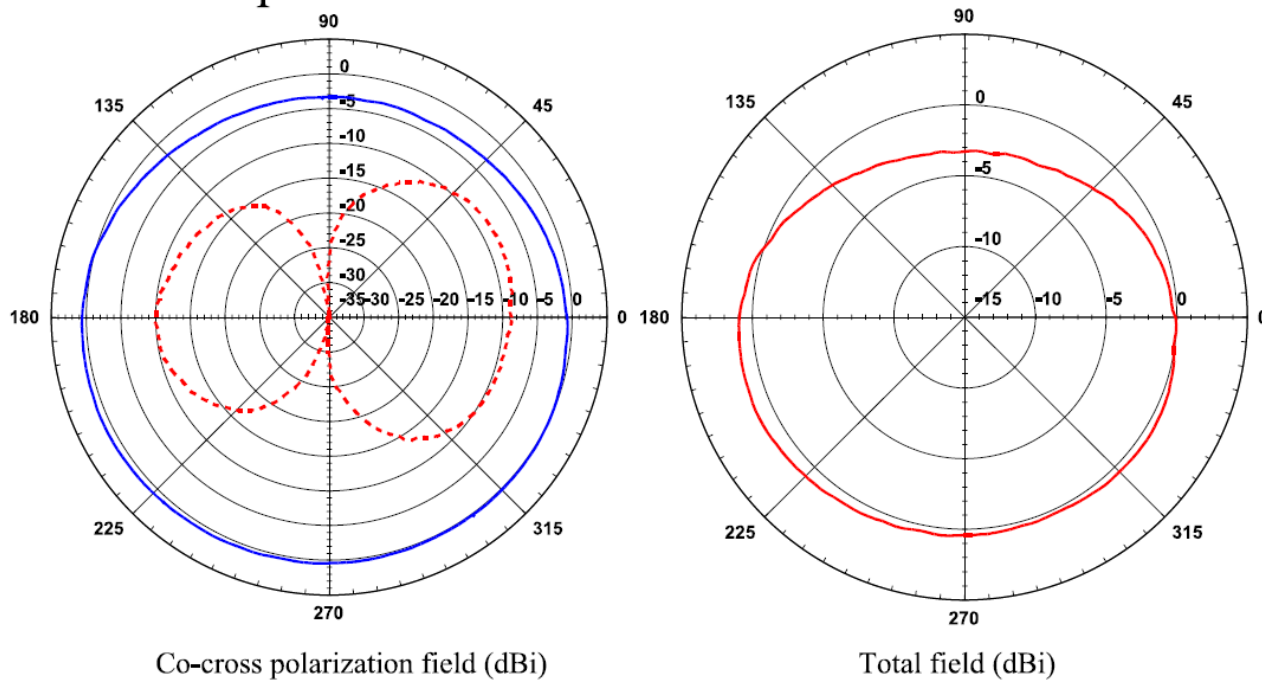
Radiation pattern: Antenna 1. XZ Plane at $f = 2.441\text{GHz}$



Solid line: vertical polarization
Dash line: horizontal polarization

2.2 Vertical

Radiation pattern: Antenna 1. YZ Plane at $f = 2.441\text{GHz}$

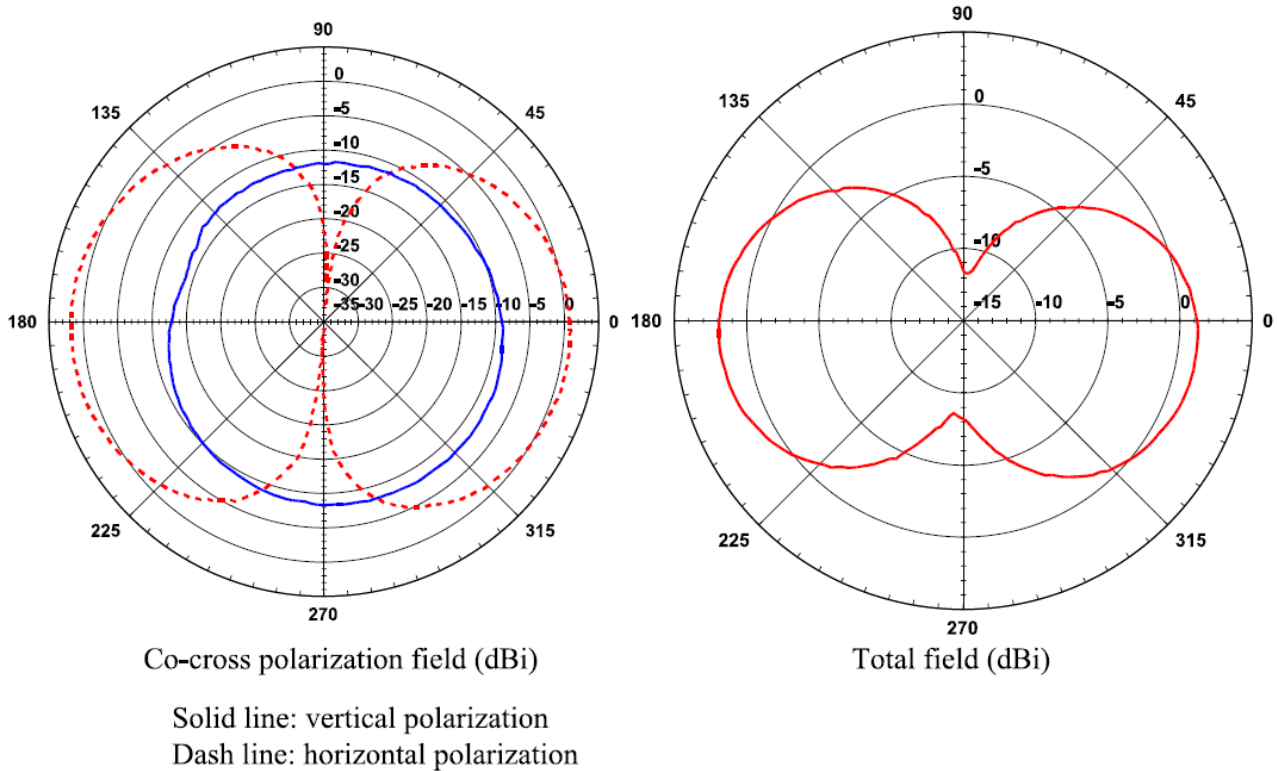


Solid line: vertical polarization
Dash line: horizontal polarization

3.Main antenna : 2480MHz

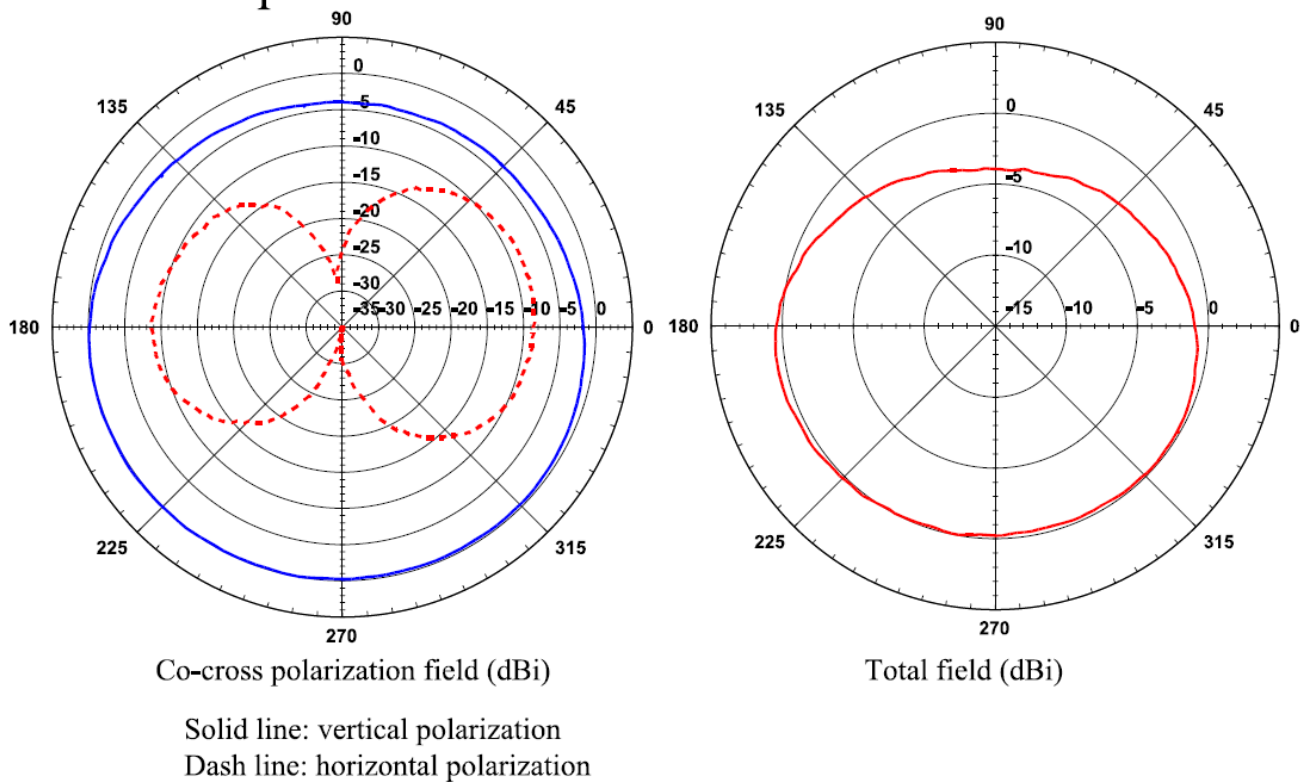
3.1 Horizontal

Radiation pattern: Antenna 1. XZ Plane at $f = 2.480\text{GHz}$



3.2 Vertical

Radiation pattern: Antenna 1. YZ Plane at $f = 2.480\text{GHz}$



4. Result

Center Frequency		Maximum Ant Gain
2403.65 MHz	H	0.786dBi
	V	1.21dBi
2441.65 MHz	H	1.32dBi
	V	0.981dBi
2479.65 MHz	H	1.81dBi
	V	0.204dBi