

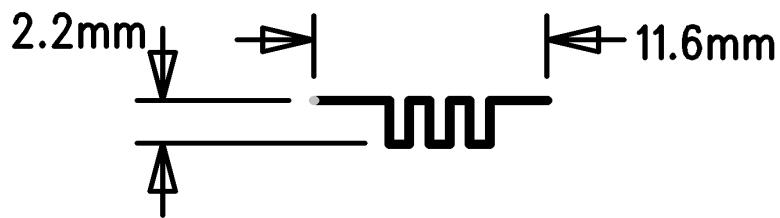
Antenna Specification

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



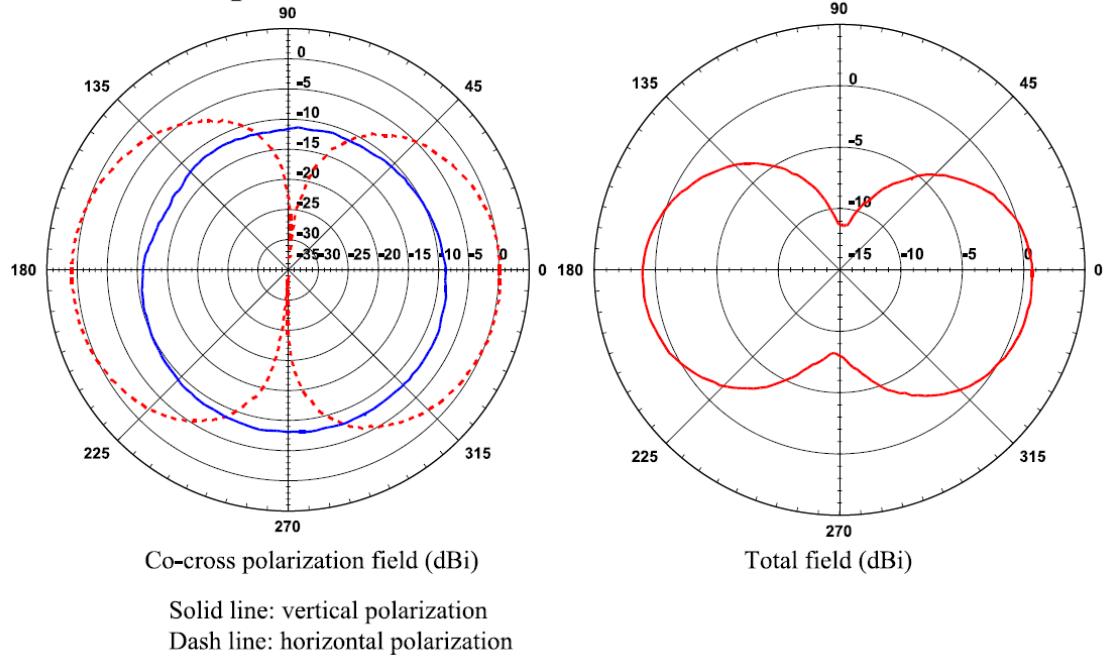
Manufacturer: Shenzhen Unipin Technology Co., Ltd

Address: 2118, Honghai Gebu Building, Songgang Street, Bao'an District, Shenzhen, Guangdong Province, China

1.Main antenna : 2402MHz 1.1

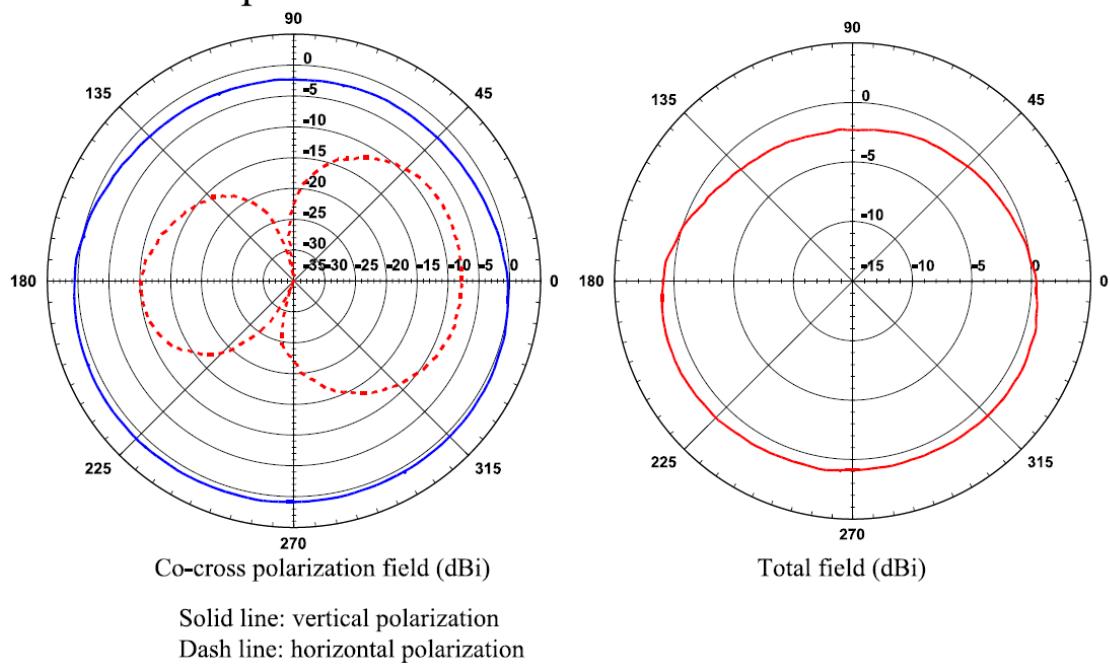
Horizontal

Radiation pattern: Antenna 1. XZ Plane at f = 2.402GHz



1.2 Vertical

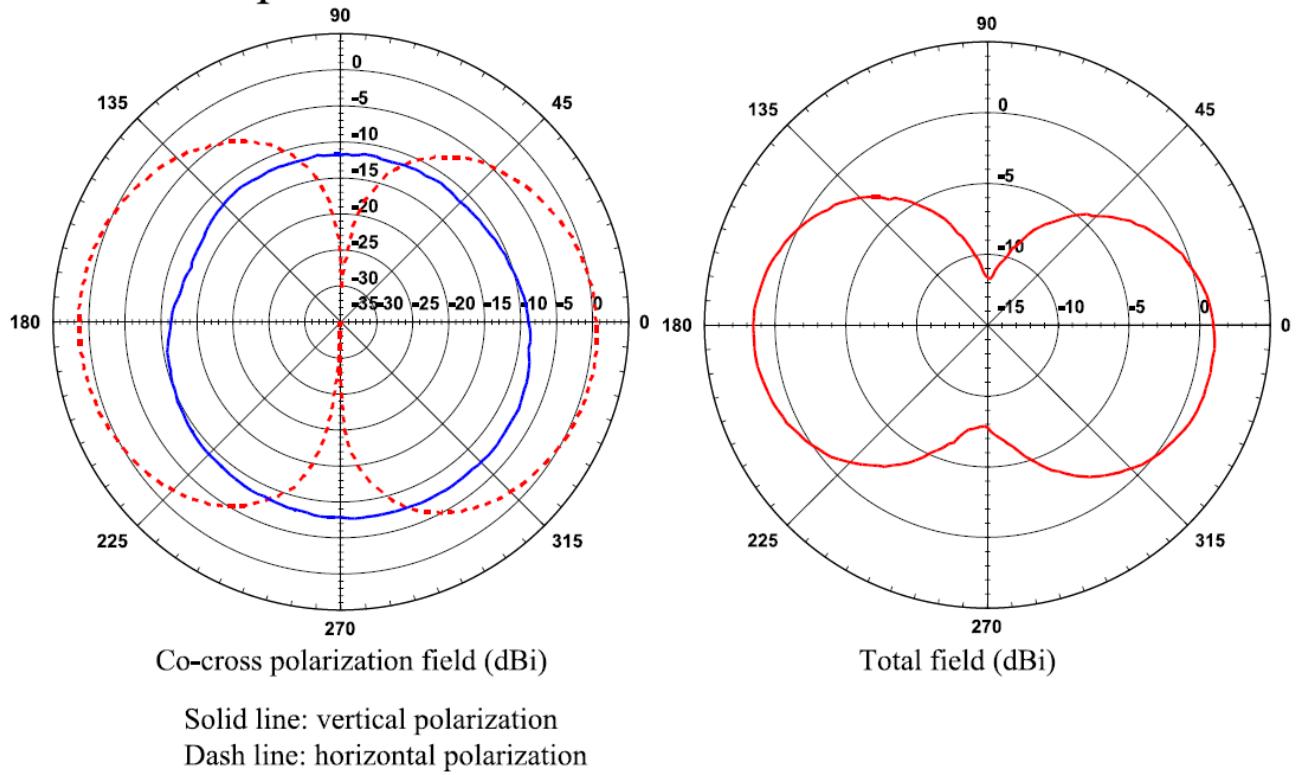
Radiation pattern: Antenna 1. YZ Plane at f = 2.402GHz



2.Main antenna : 2442MHz 2.1

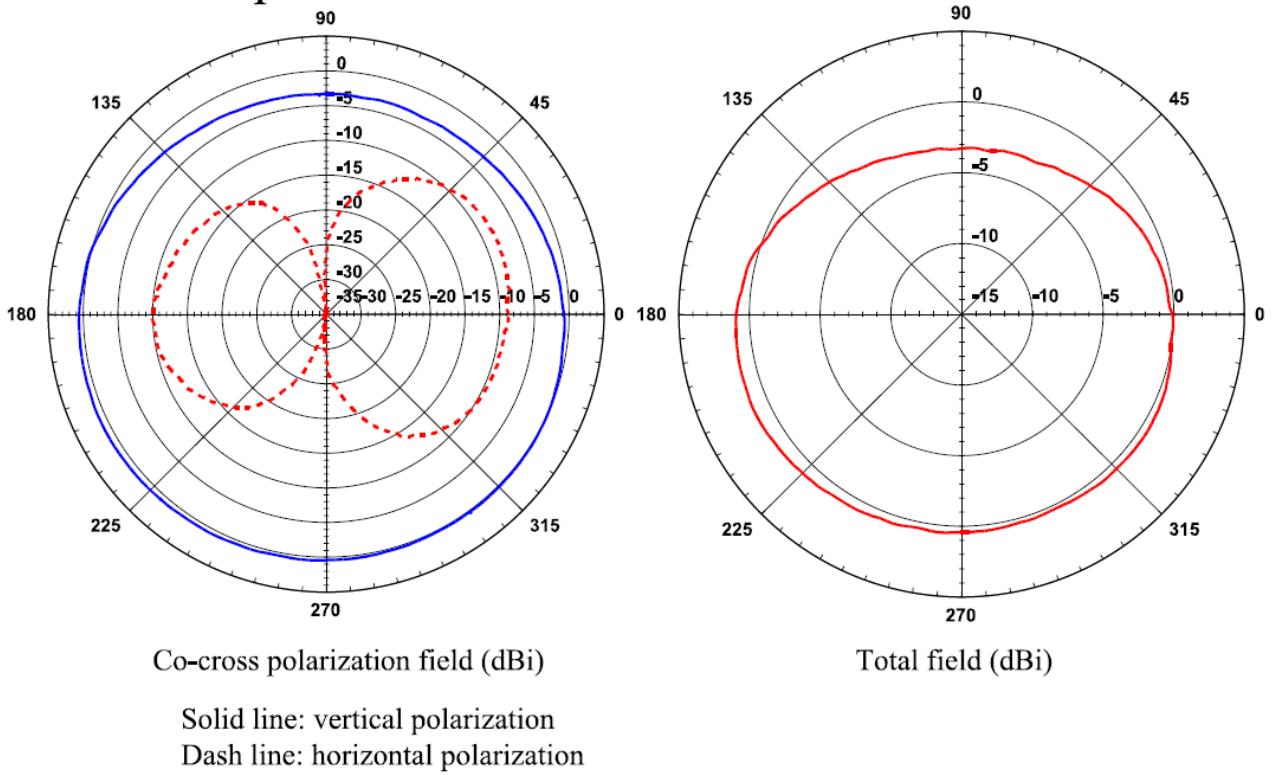
Horizontal

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



2.2 Vertical

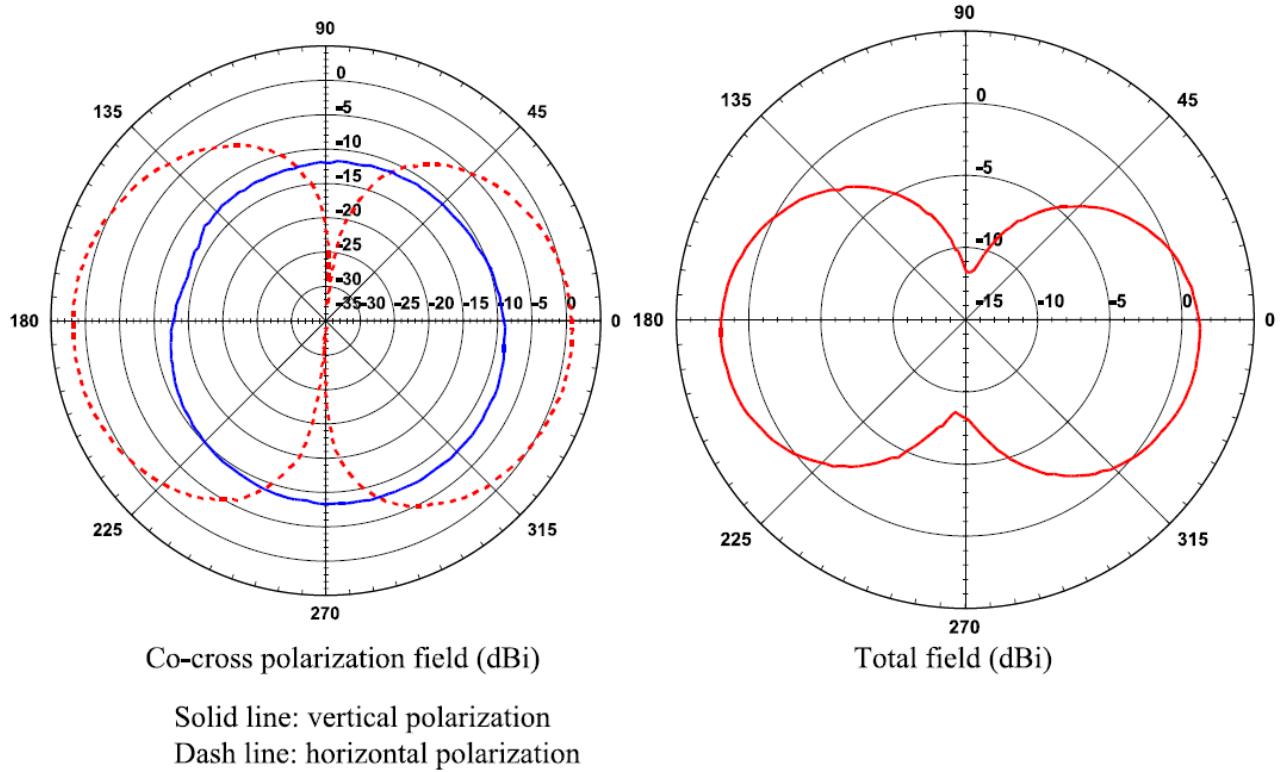
Radiation pattern: Antenna 1. YZ Plane at $f = 2.441\text{GHz}$



3.Main antenna : 2480MHz

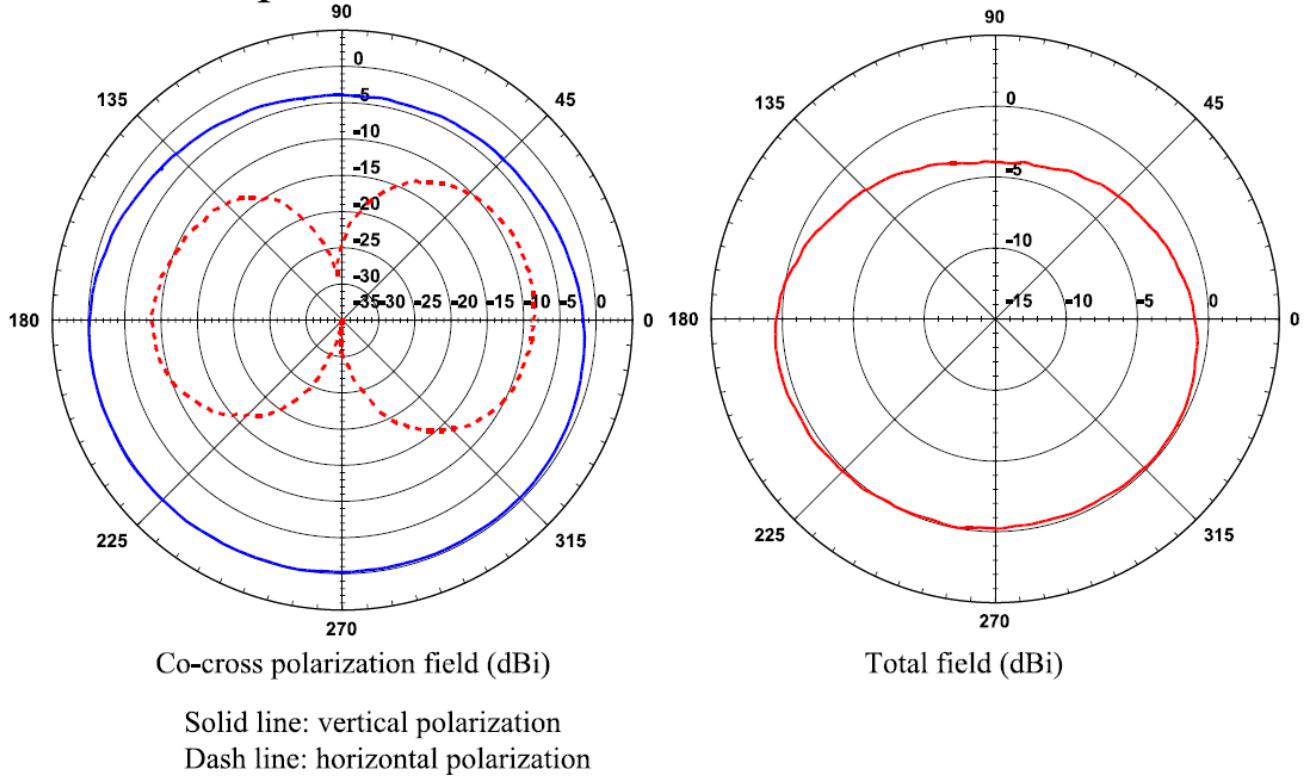
3.1 Horizontal

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	