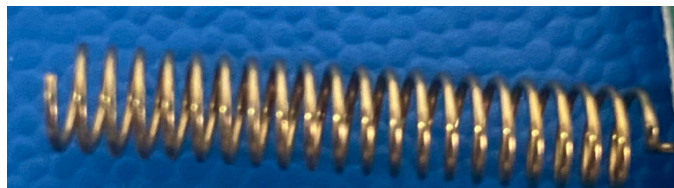


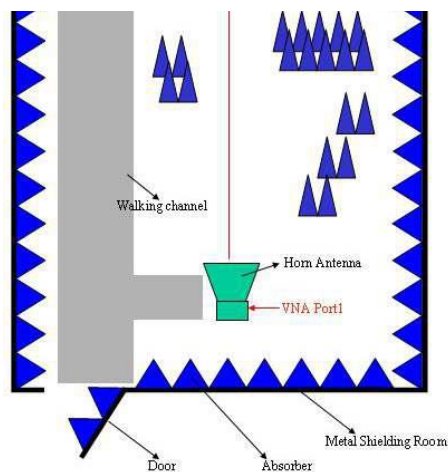
Antenna specification

1. Antenna Describe

Antenna plate	External antenna
Model Name	AF11
Antenna Gain	1.5(Peak gain)
Frequency Rang	462-468MHz
Company Name	Shenzhen Cient Communication Technology Co.,Ltd.
Address:	501A&B-A Blockk,Donglian Building,Chuangye 2 road,Baoan District, Shenzhen,Guangdong,P.R china
Size:	30mm length

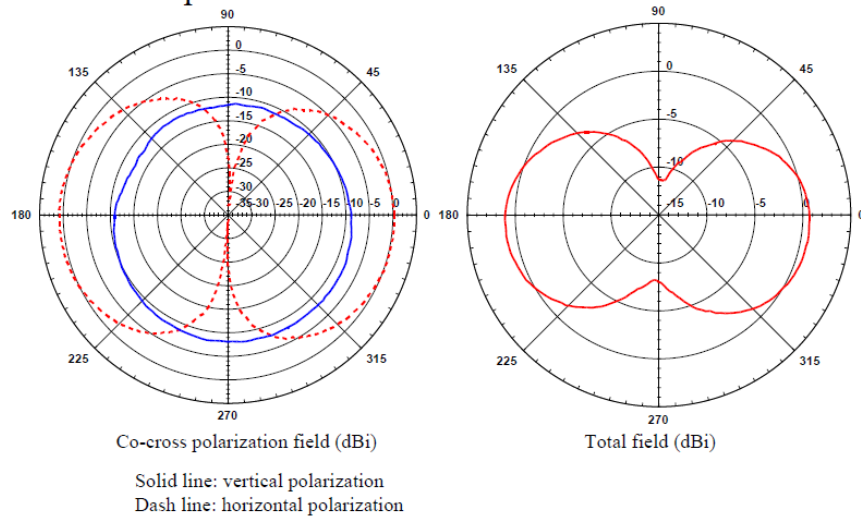


2. Test-up Diagram

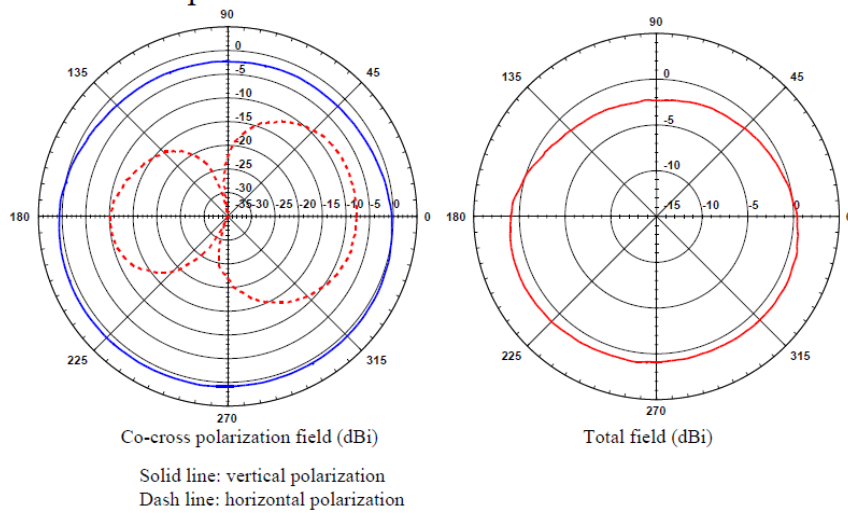


3. Antenna Radiation Pattern

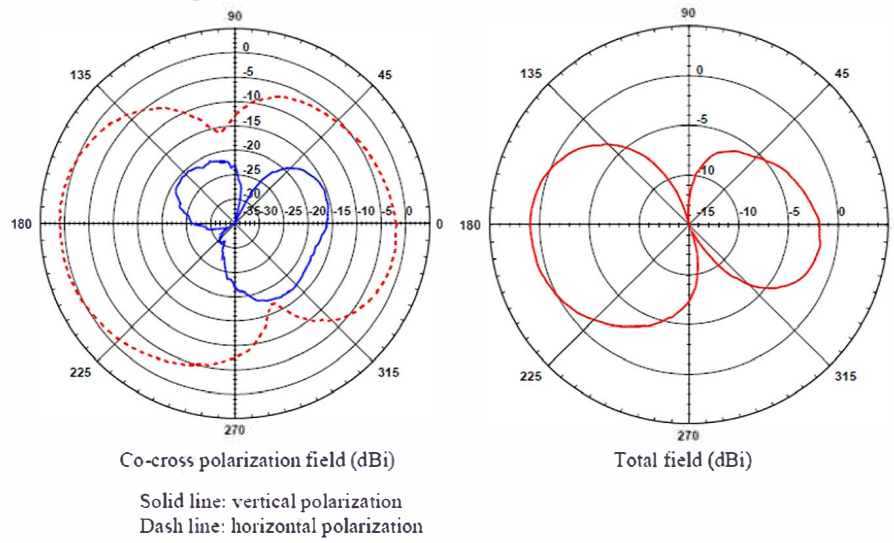
Radiation pattern: Antenna 1. XZ Plane at $f = 462\text{MHz}$



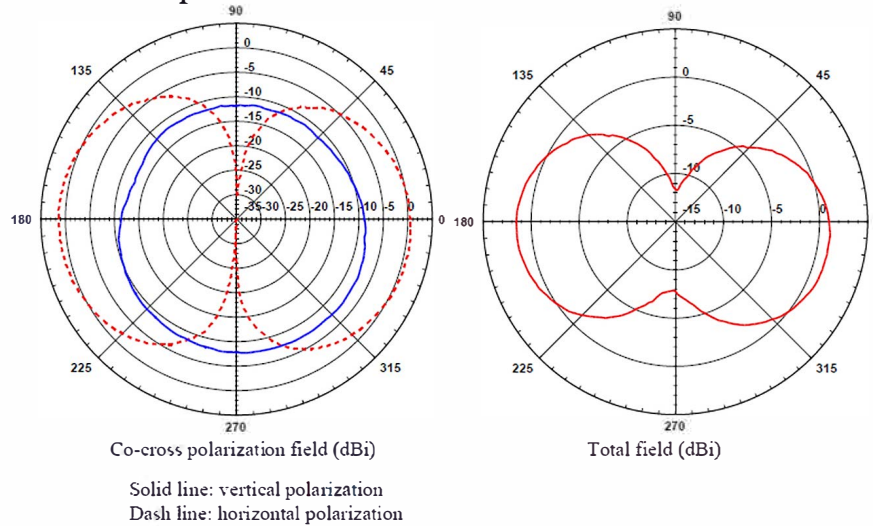
Radiation pattern: Antenna 1. YZ Plane at $f = 462\text{MHz}$



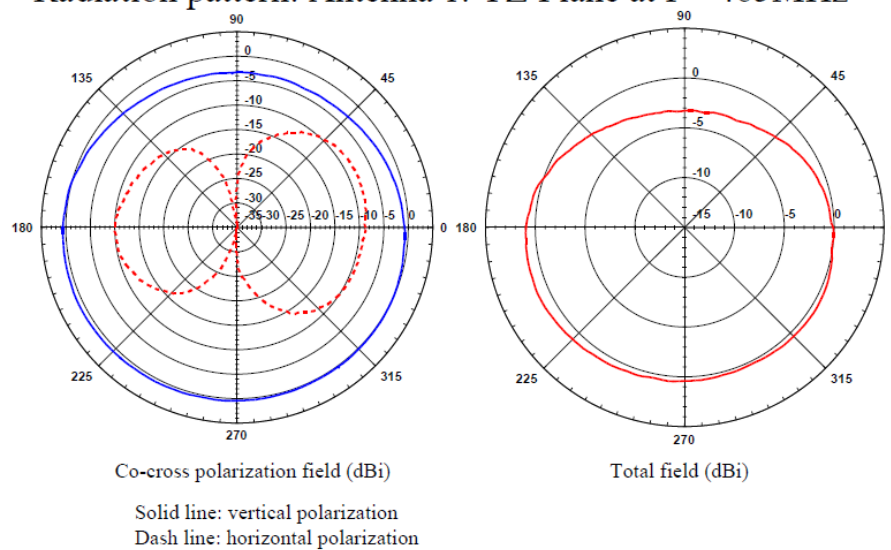
Radiation pattern: Antenna 1. XY Plane at $f = 462\text{MHz}$



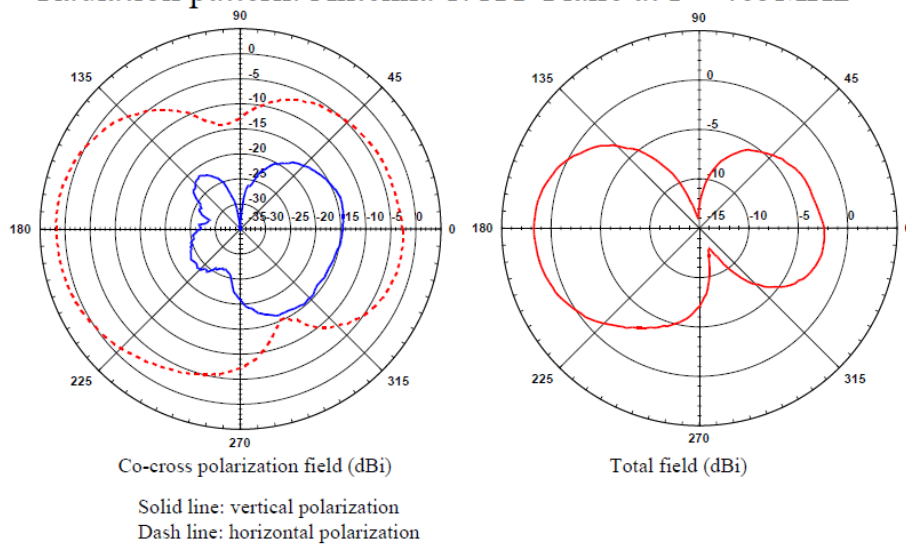
Radiation pattern: Antenna 1. XZ Plane at $f = 465\text{MHz}$



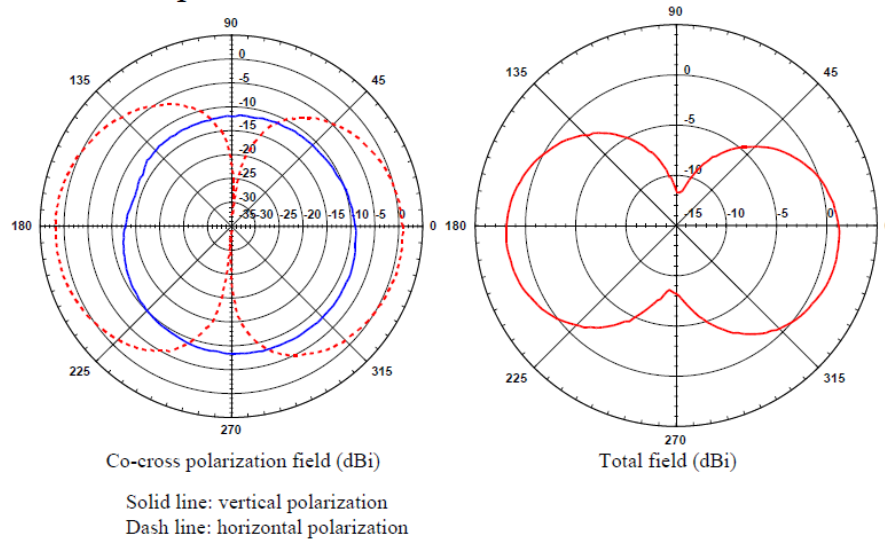
Radiation pattern: Antenna 1. YZ Plane at $f = 465\text{MHz}$



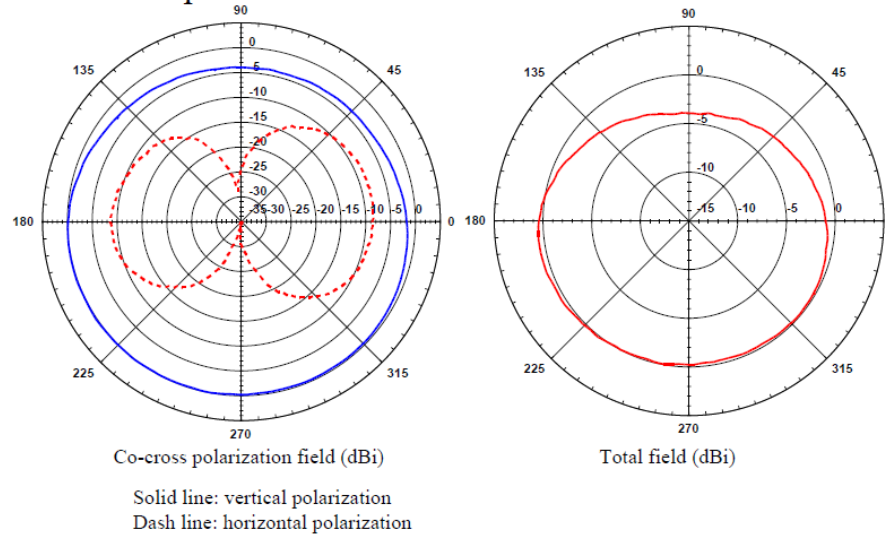
Radiation pattern: Antenna 1. XY Plane at $f = 465\text{MHz}$



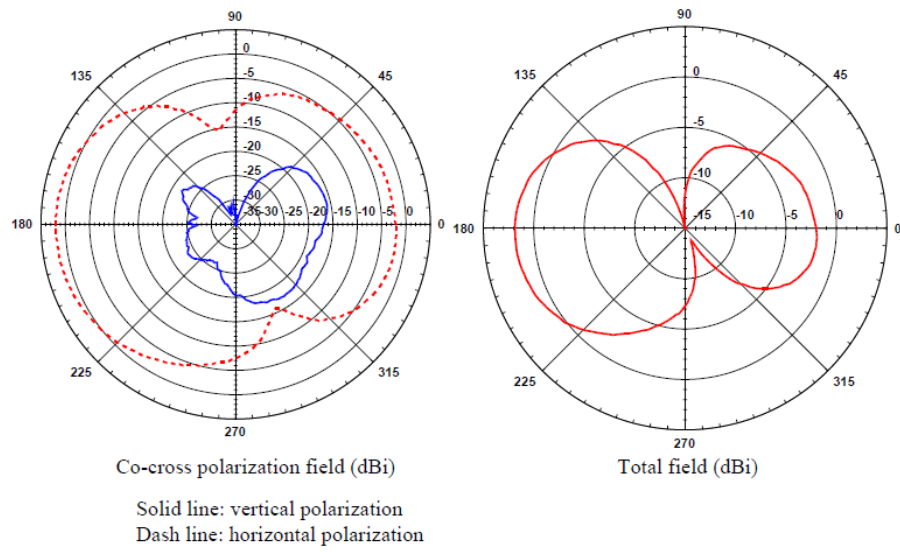
Radiation pattern: Antenna 1. XZ Plane at $f = 468\text{MHz}$



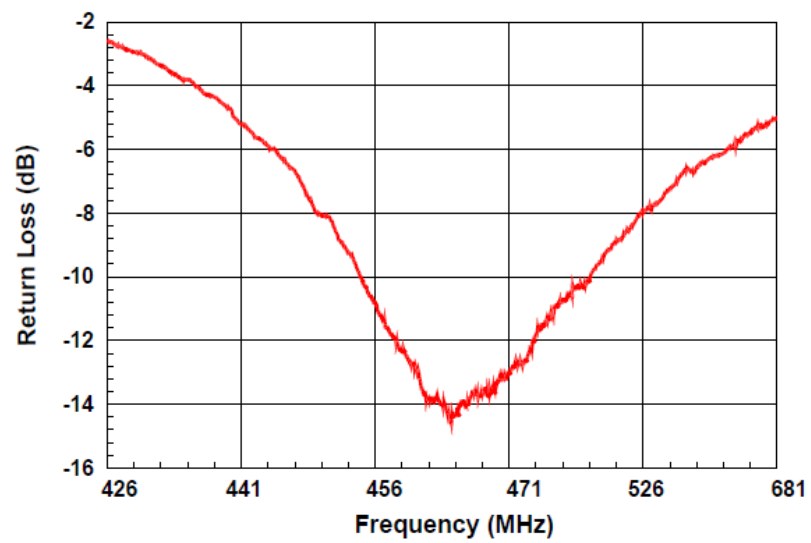
Radiation pattern: Antenna 1. YZ Plane at $f = 468\text{MHz}$



Radiation pattern: Antenna 1. XY Plane at $f = 468\text{MHz}$



Return Loss: Antenna 1



BW(-10dB) ⌚ 13.48%