

Shenzhen RAKwireless Technology Co.,Ltd.
Room 506, Building B, New Compark, Pingshan First
Road, Taoyuan Street, Nanshan District,
Shenzhen,
China

Features

- ✦ Frequency Range: 902~928MHz
- ✦ Quite good VSWR
- ✦ Max Gain: 2.3dBi
- ✦ High efficiency
- ✦ Vertically polari



Specifications

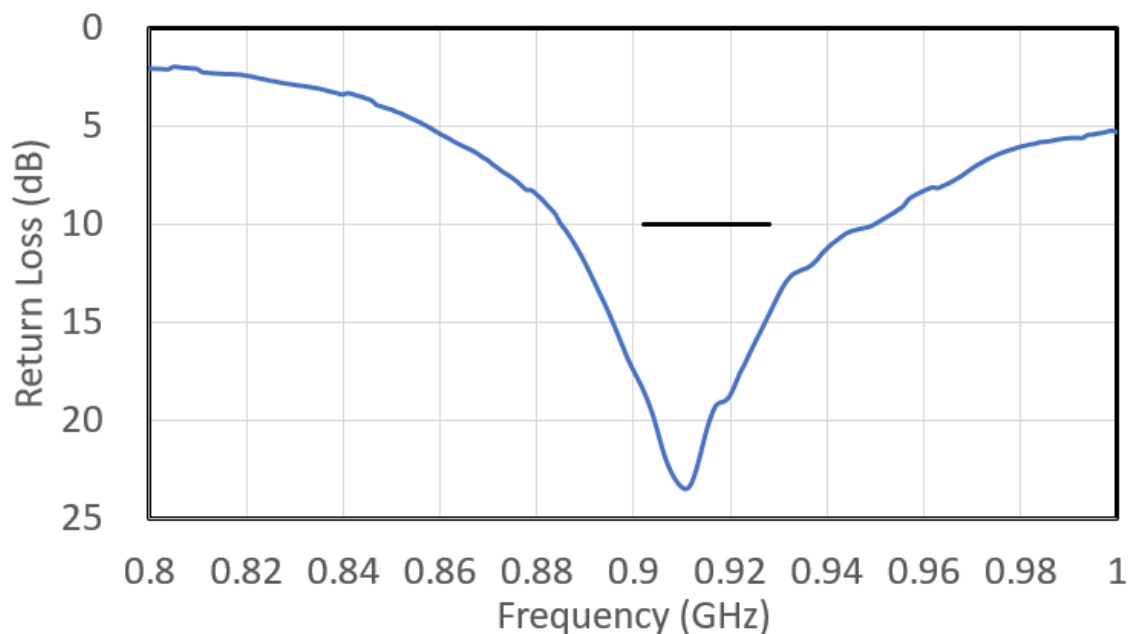
Model		KRAKBJ2701C01A
Electrical Specifications	Frequency Range	902MHz~928MHz
	Peak Gain	2.3 dBi
	VSWR	≤ 1.5
	Efficiency	>80%
	Feed Impedance	50 Ohms
	Polarization	Vertical



Mechanical Specifications	Cover material(color)	Plastic(White)
	Interface	RPSMA
	Dimensions (mm)	Φ13.0mm x 198.0mm
	Operation Temp (°C)	-30°C ~ +75°C
	Humidity range	5%~95%

S11&VSWR

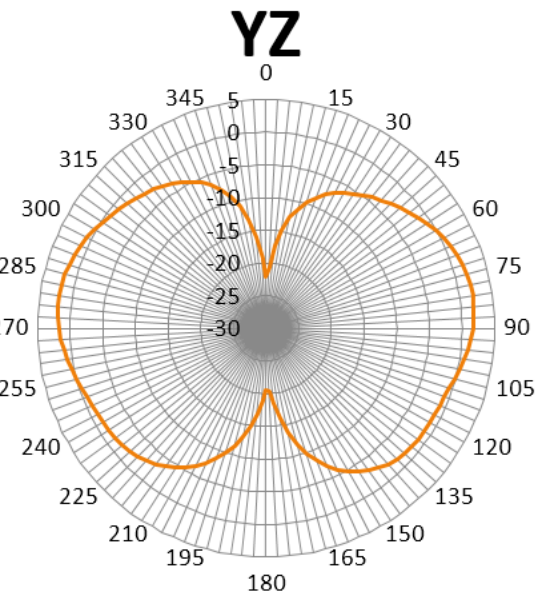
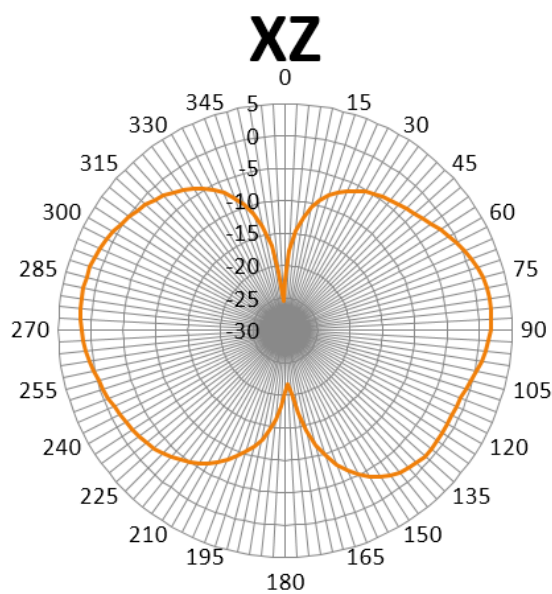
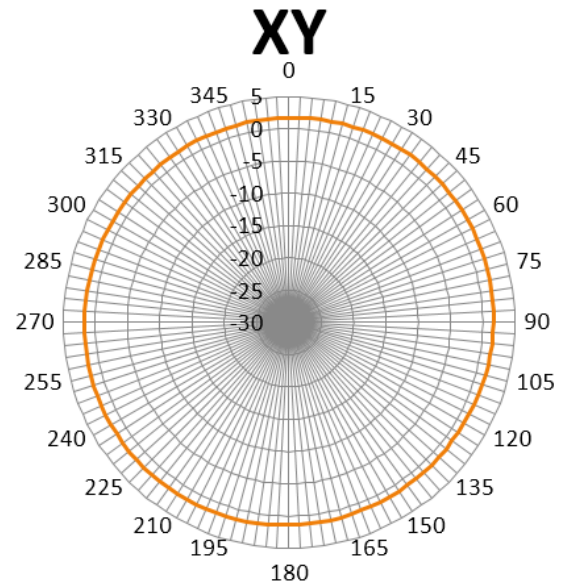
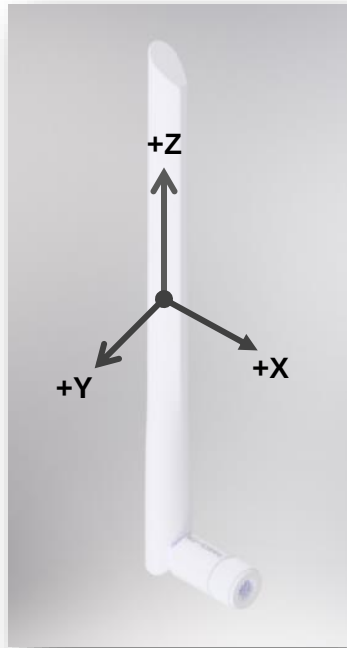
Frequency(MHz)	S11	VSWR
902MHz	-18.3	1.28
928MHz	-14.6	1.46



Peak Gain & Efficiency

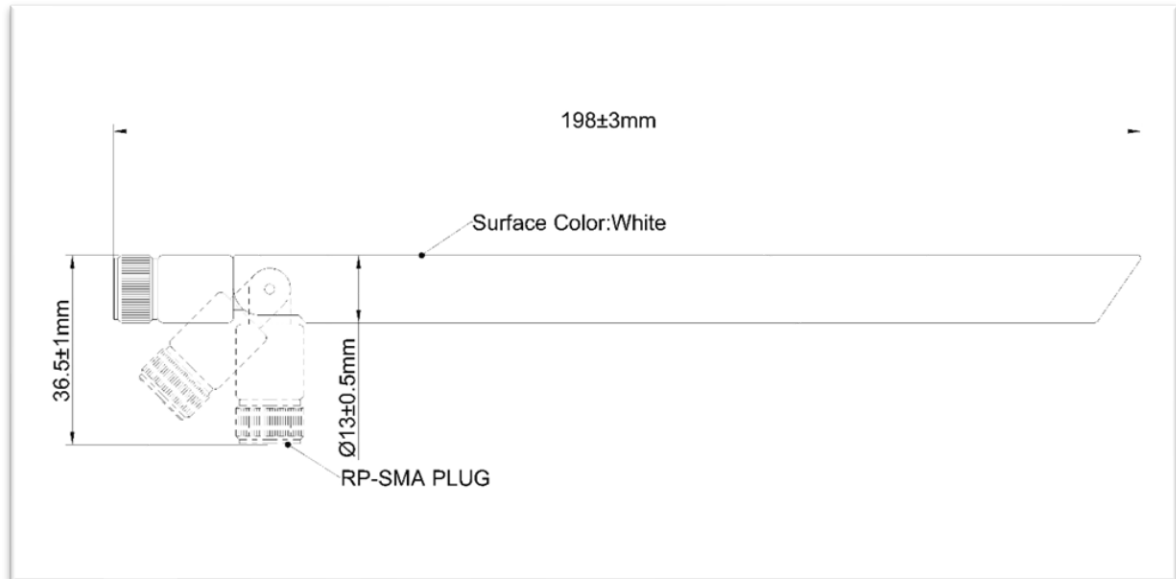
Frequency(MHz)	Peak Gain (dBi)	Efficiency (%)
902	2.3	82.6
904	2.2	82.3
906	2.2	82.7
908	2.3	84.0
910	2.3	85.0
912	2.3	85.7
914	2.3	86.0
916	2.2	86.1
918	2.2	85.9
920	2.2	86.0
922	2.2	86.4
924	1.9	85.9
926	1.9	85.1
928	2.1	85.5
Average	-	84.9

Radiation Patterns





Mechanical Specifications



Features

- Frequency Range: 902~928MHz
- Quite good VSWR
- Max Gain: 2.3dBi
- High efficiency
- Vertically polari



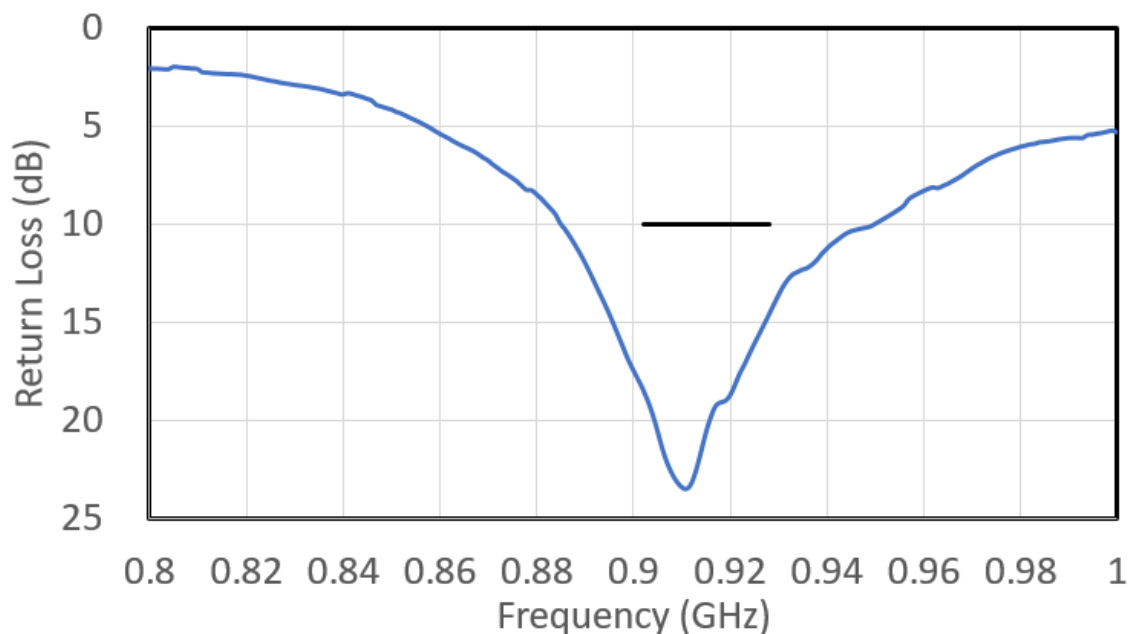
Specifications

Model		KRAKBJ2701C01C
Electrical Specifications	Frequency Range	902MHz~928MHz
	Peak Gain	2.3 dBi
	VSWR	≤ 1.5
	Efficiency	>80%
	Feed Impedance	50 Ohms
	Polarization	Vertical

Mechanical Specifications	Cover material(color)	Plastic(Black)
	Interface	RPSMA
	Dimensions (mm)	Φ13.0mm x 198.0mm
	Operation Temp (°C)	-30°C ~ +75°C
	Humidity range	5%~95%

S11&VSWR

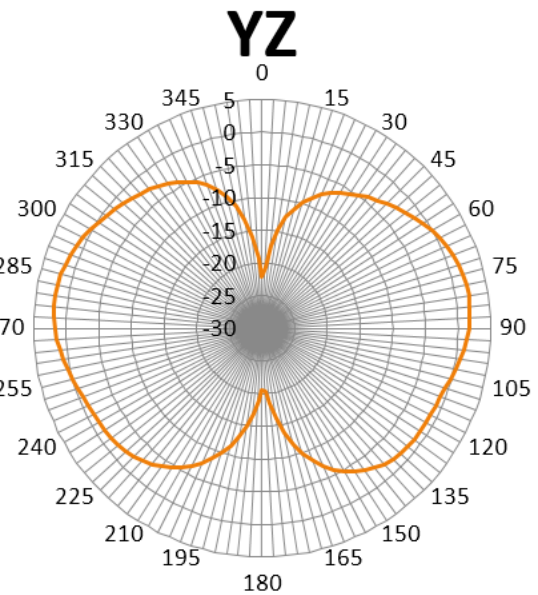
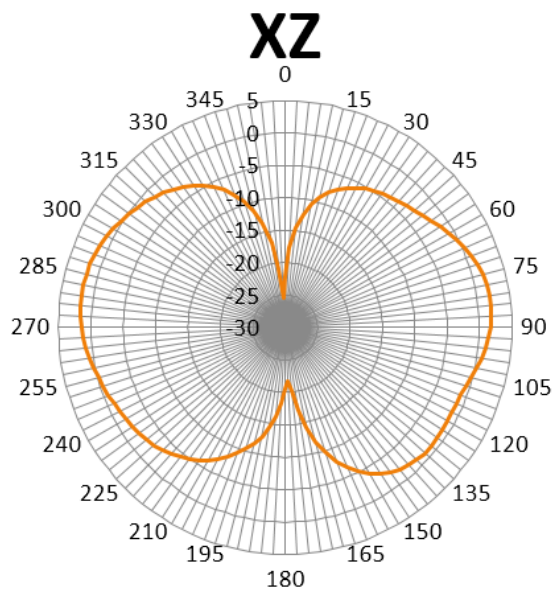
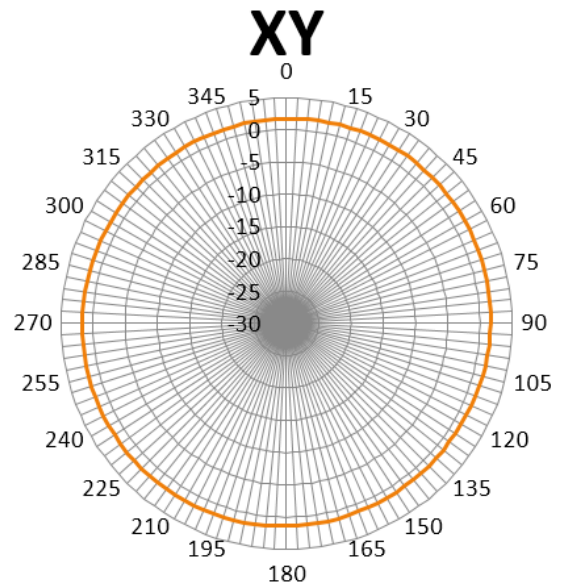
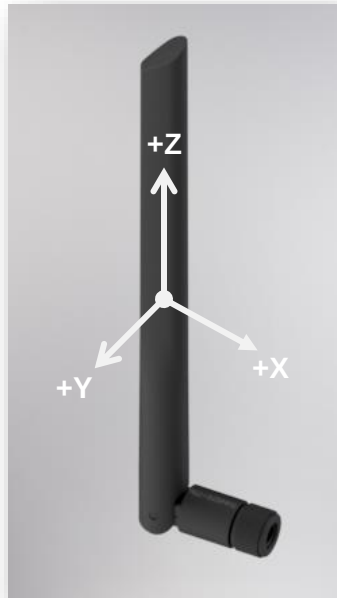
Frequency(MHz)	S11	VSWR
902MHz	-18.3	1.28
928MHz	-14.6	1.46



Peak Gain & Efficiency

Frequency(MHz)	Peak Gain (dBi)	Efficiency (%)
902	2.3	82.6
904	2.2	82.3
906	2.2	82.7
908	2.3	84.0
910	2.3	85.0
912	2.3	85.7
914	2.3	86.0
916	2.2	86.1
918	2.2	85.9
920	2.2	86.0
922	2.2	86.4
924	1.9	85.9
926	1.9	85.1
928	2.1	85.5
Average	-	84.9

Radiation Patterns





Mechanical Specifications

