

Model: AC2211

Directory

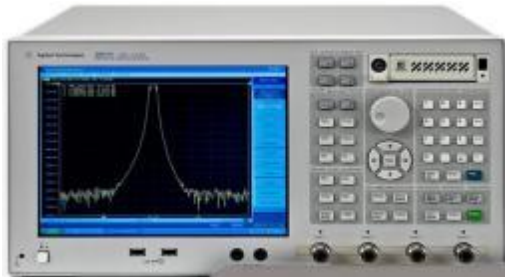
1. Project Description
2. Commissioning equipment and design description
3. Electrical performance test data of antenna

1. Project description

1.1 The operating frequency is 433–533MHz

1.2 This report is for Ningbo Sunfree Motor Technology Company Limited of the PCB Antenna.

2. Design specification



Agilent Network analyzer

ETS AMS 8500 OTA

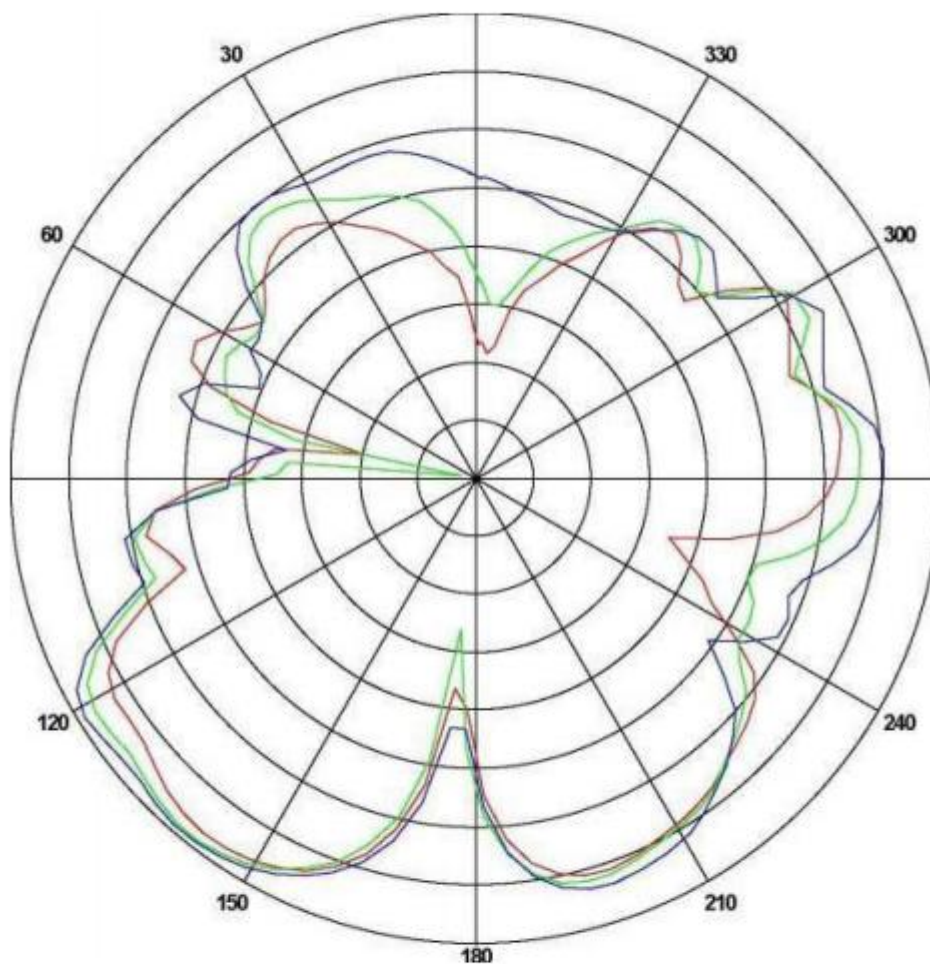
Chamber

3. Electrical performance test data of antenna

Horizontal: 433.92MHz 483.927 MHz 533.927 MHz

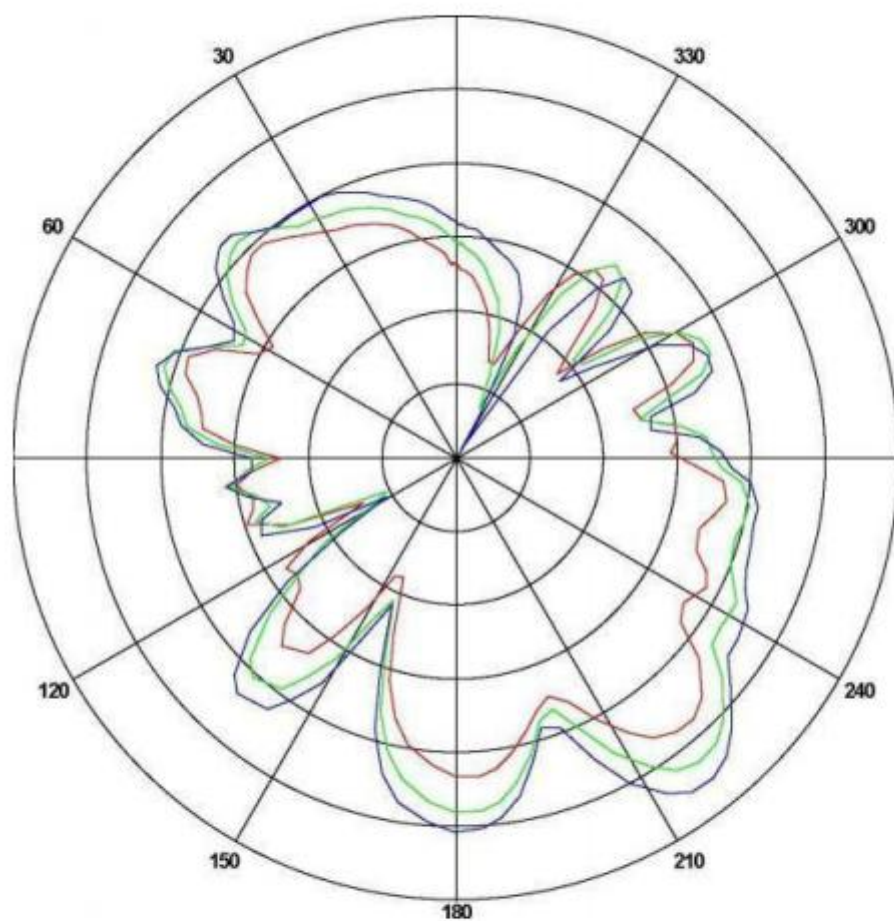
Power (dBm)

Max: 0 Min: -40 Scale: 5/div



Frequency (MHz)	Gain(dBi)		
	Max	Min	Avg
433.92	-10.001597	-10.08012	-10.18716
483.927	-10.765802	-36.5604	-7.48023
533.927	-10.585582	-22.0315	-6.59127

Vertical: 433.92 MHz 483.927 MHz
 533.927 MHz Power (dBm)
 Max: 0 Min: -30 Scale: 5/div



Frequency (MHz)	Gain (dBi)		
	Max	Min	Avg
433.92	-10.00145	-10.1424	-10.42944
483.927	-0.3355	-24.5837	-10.4702
533.927	0.07660	-29.5214	-9.20432

