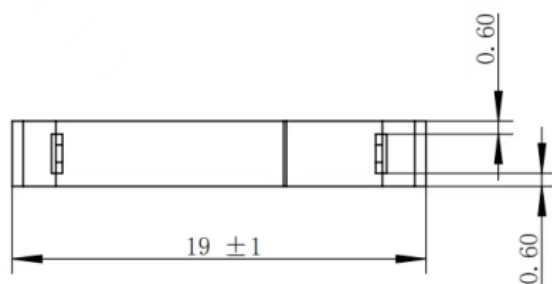
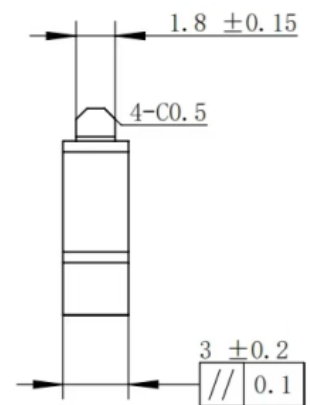
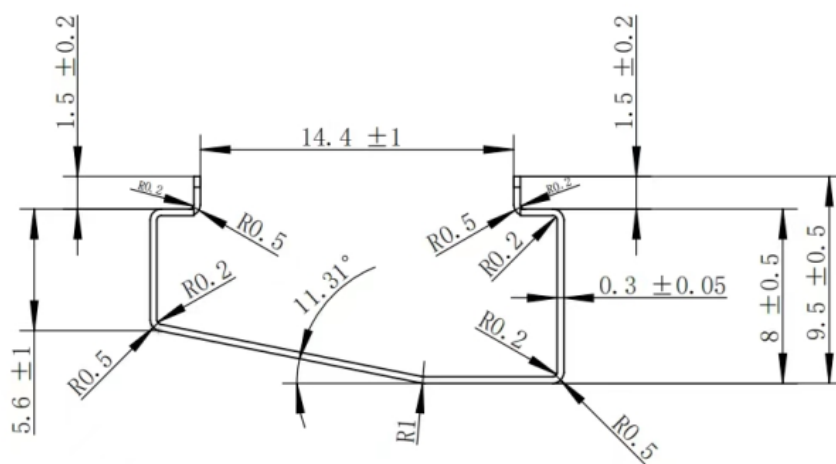


MITSUKIN SHOJI Co., LTD



Directory

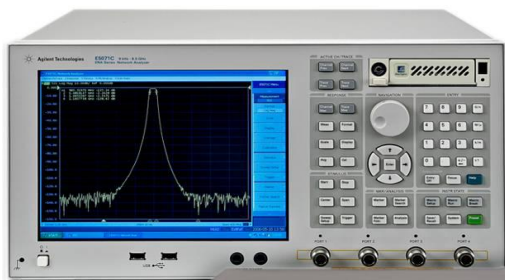
1. Project Description
2. Commissioning equipment and design description
3. Electrical performance test data of antenna
4. Isolation between antennas
5. Throughput test data

1. Project description

1.1 The operating frequency is 310–320MHz

1.2 This report is for MITSUKIN SHOJI Co., LTD of the PCB Antenna.

2. Design specification



Agilent Network analyzer

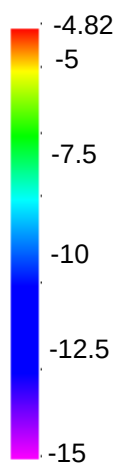
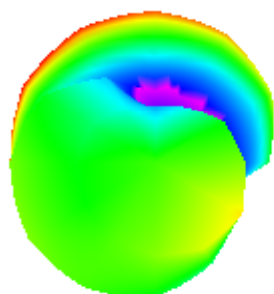
ETS AMS 8500 OTA

Chamber

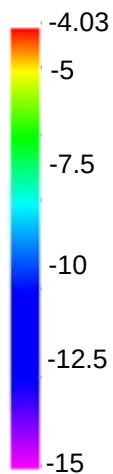
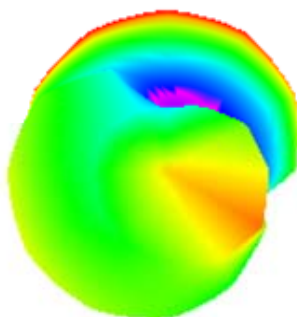
3. Electrical performance test data of antenna

Passive Test For 315M		
Freq (MHz)	Effi (%)	Gain (dBi)
310	8.1	-4.82
315	9.55	-4.03
320	8.16	-4.71

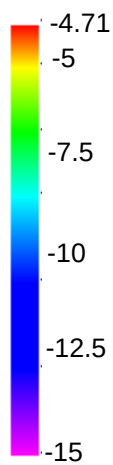
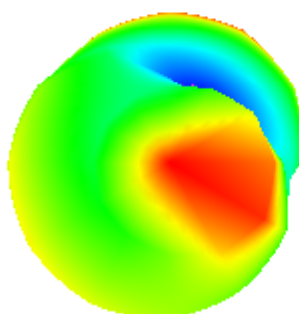
310MHz



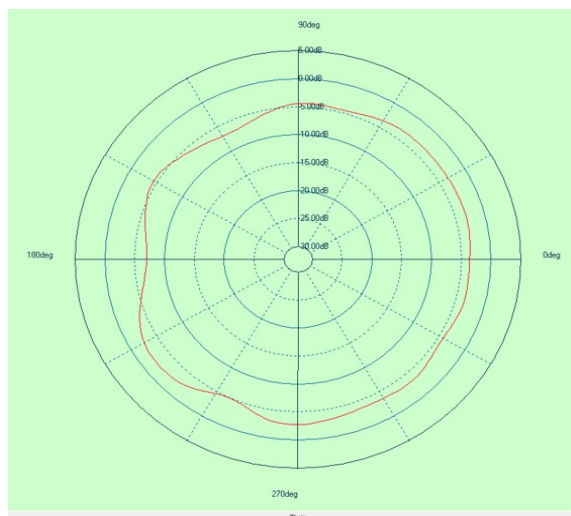
315MHz



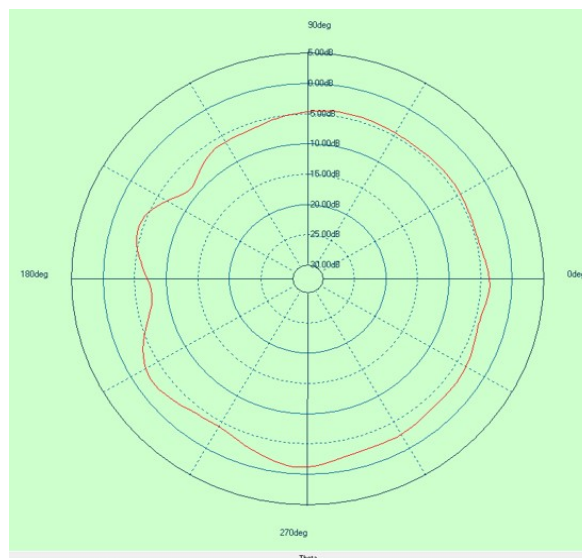
320MHz



$\phi=0^\circ$



$\phi=90^\circ$



$\theta=90^\circ$

