

Antenna Specification

Remote Control Model: RF433M25

Antenna Applicant: Dongguan Qinbo Electronics Co.,Ltd

Antenna Model Name: QB153-433TX-01

1.1.Equipment Under Test(EUT) Description

Test frequency band: 433MHz

1.2.Gain

Frequency	Gain(dBi)
433MHz	-17.34

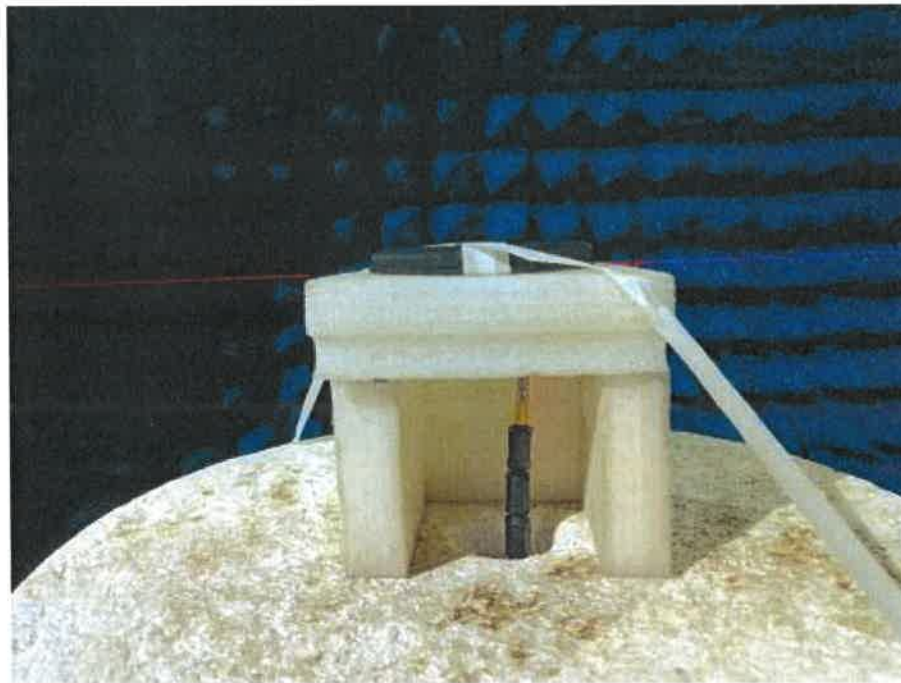
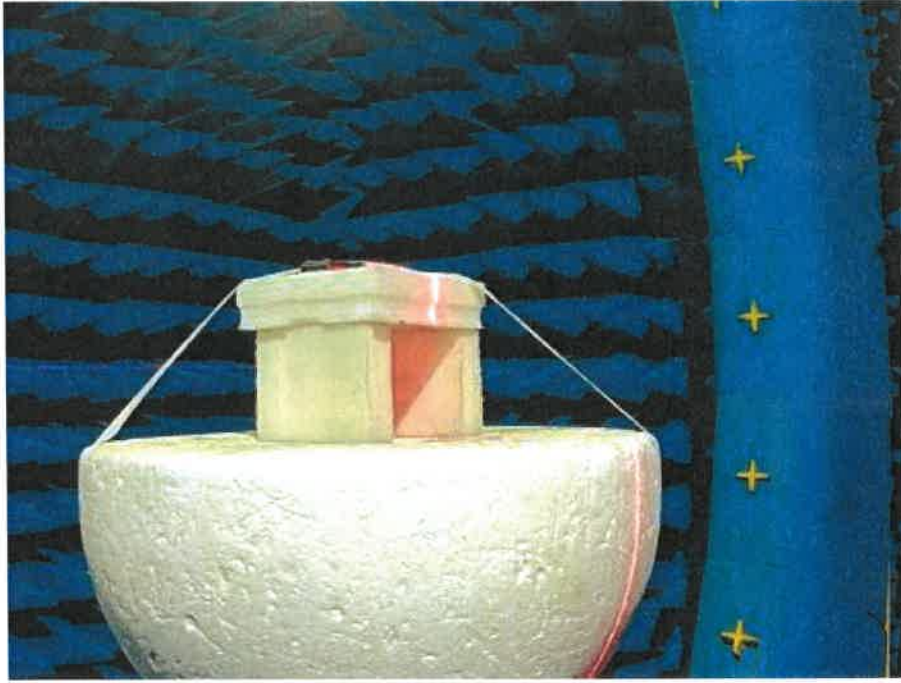
1.3. PCB Size: 134.8*36.2*1.2mm

PCB Antenna Size: 52.5*35mm

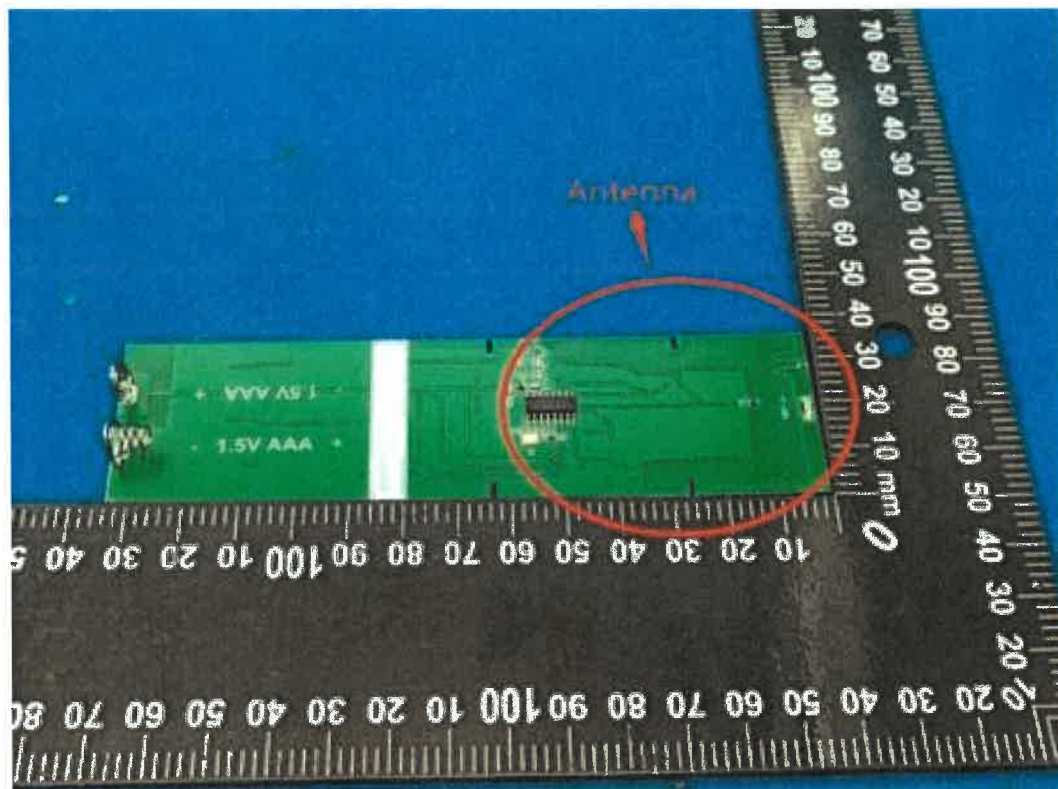
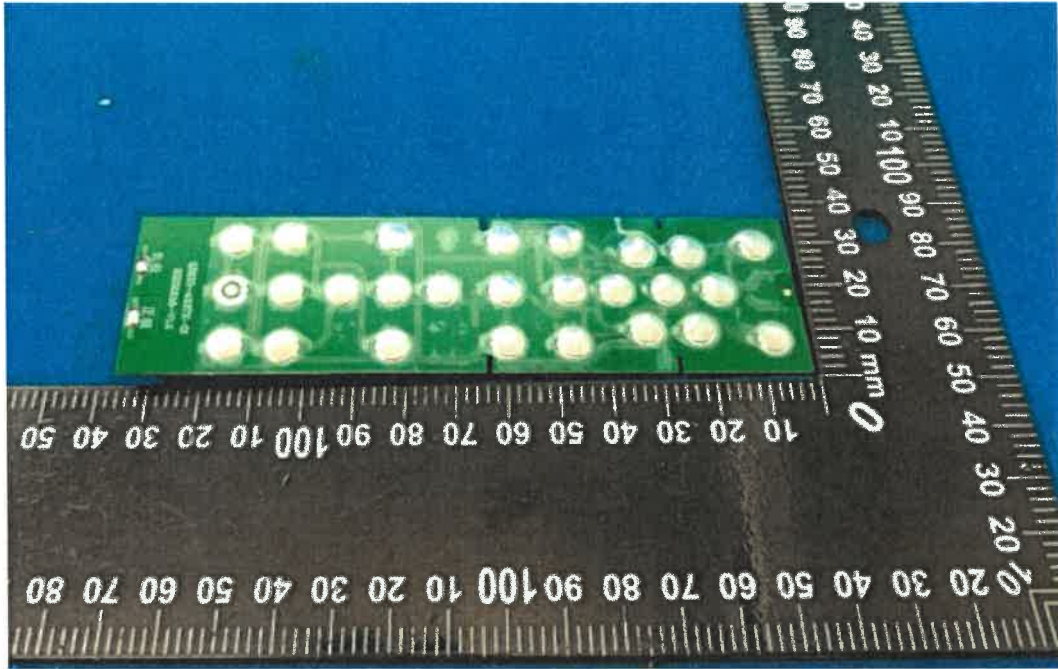
1.4. Test Equipment & conditions

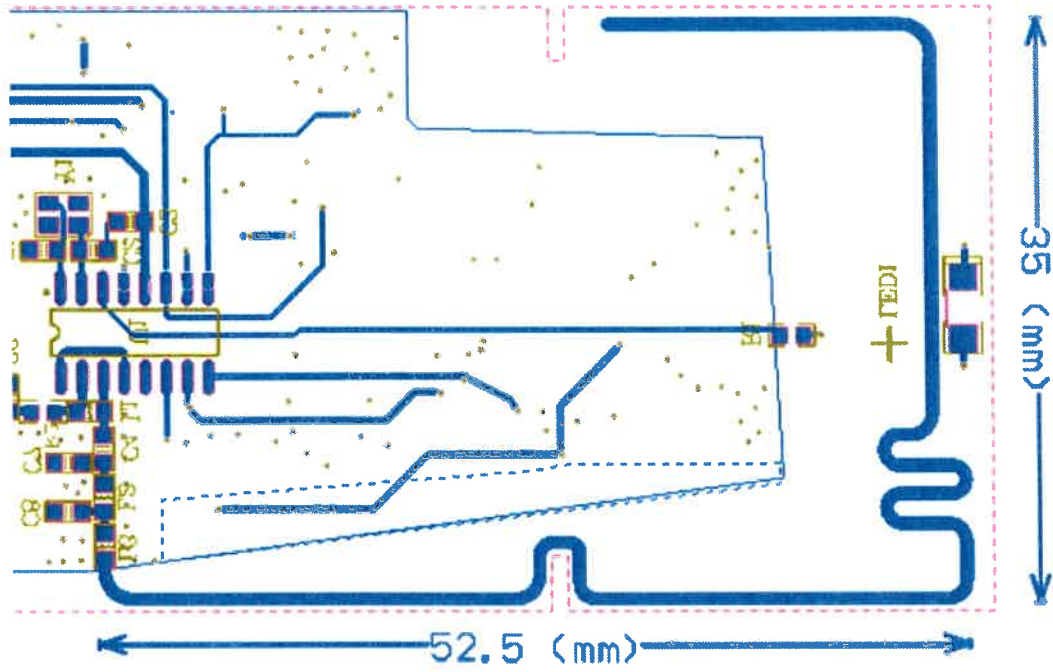
NO.	Equipment Name	Serial NO.	Type	Manufa cturer
1	Vector Network Analyzer	MY46214666	E5071C	Agilent
2	OTA Chamber	N/A	SG24	Satimo
3	SatEnv	N/A	2.0.1.5 build 12	Satimo
4	SPM	N/A	1.11	Satimo



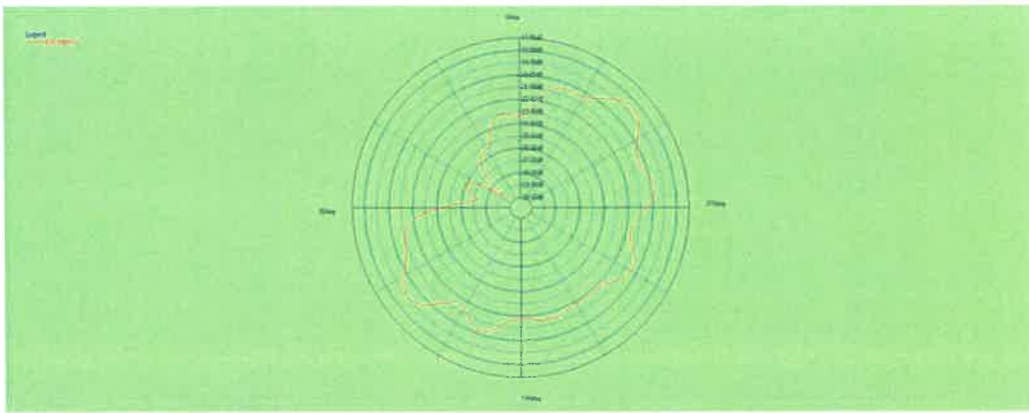


2.1. Antenna diagram (PCB Antenna)

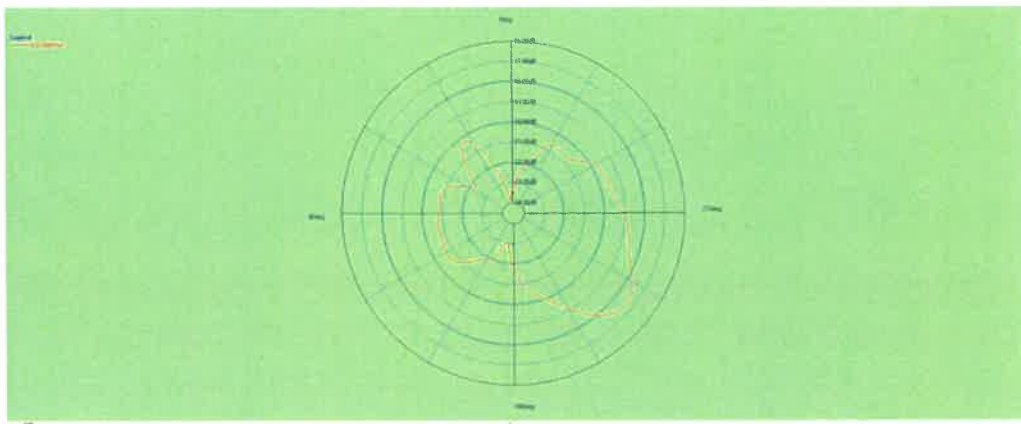




2.2. 2D Radiation Pattern

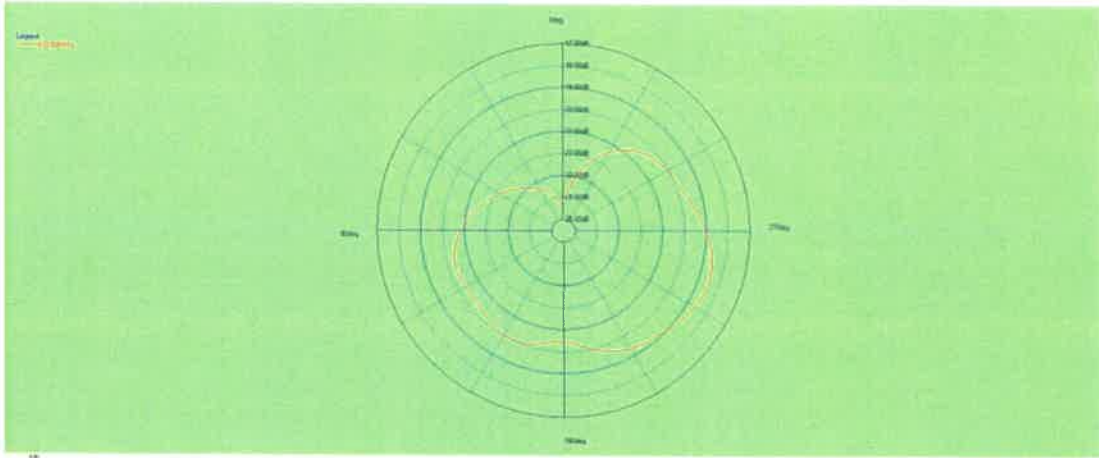


$\Phi=0^\circ$



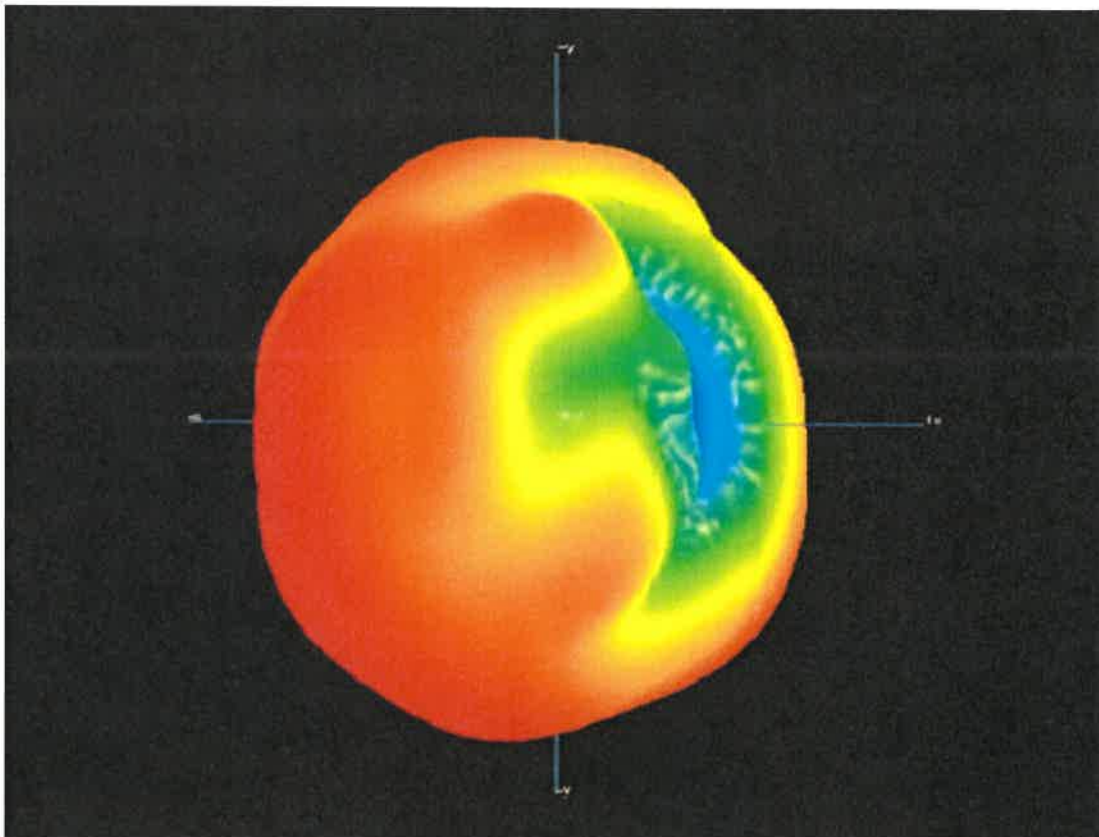
$\Phi=90^\circ$

2015
SIYING
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LIGHTING
SCIENCE&TECHNOLOGY
CO., LTD



Theta=90°

2.3. 3D Radiation Pattern



433MHz