PK-E125 Antenna

Specifications

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1. Wifi Antenna

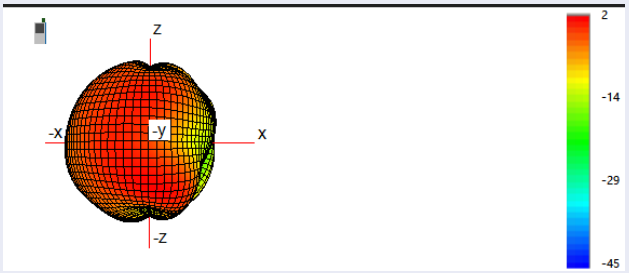
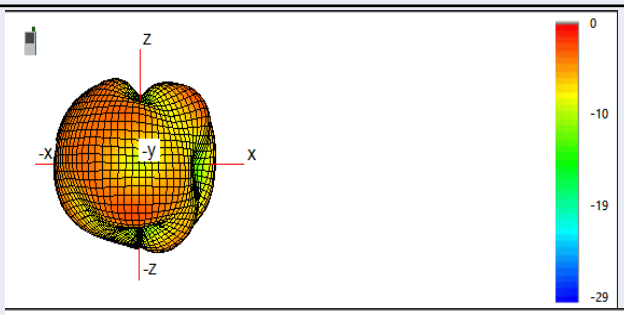
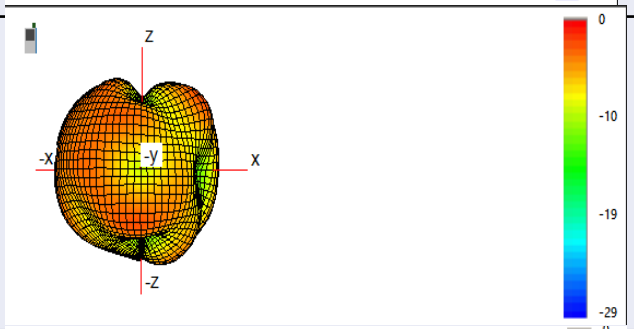
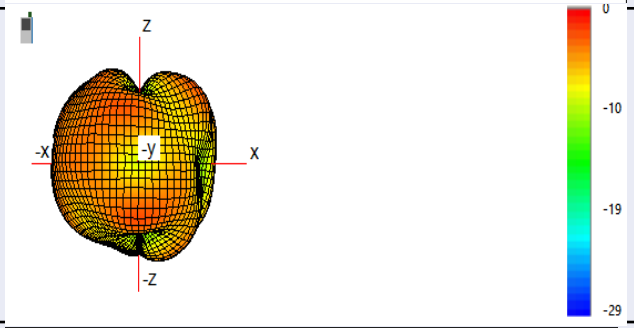
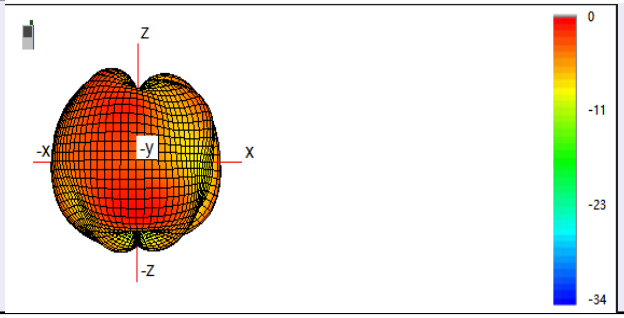
1.1 Antenna type

Internal antenna

1.2 Gain

BAND	Freq[MHZ]	Avg Gain[dbi]	PEAK Gain[dbi]	TX ANT
2.4G WIFI	2400-2483.5	-3.8	-1	ANT0
5G WIFI	5150-5250	-4.2	-1	ANT0
	5250-5350	-3.5	-0.5	ANT0
	5470-5725	-4.3	-1.2	ANT0
	5725-5850	-4.5	-1.3	ANT0

1.3 Radiation Pattern

	2.4G/5G
WIFI 2.4G /BT	
WIFI 5G /B1 (5150-5250MHZ)	
WIFI 5G /B1 (5250-5350MHZ)	
WIFI 5G /B1 (5470-5725MHZ)	
WIFI 5G /B1 (5725-5850MHZ)	

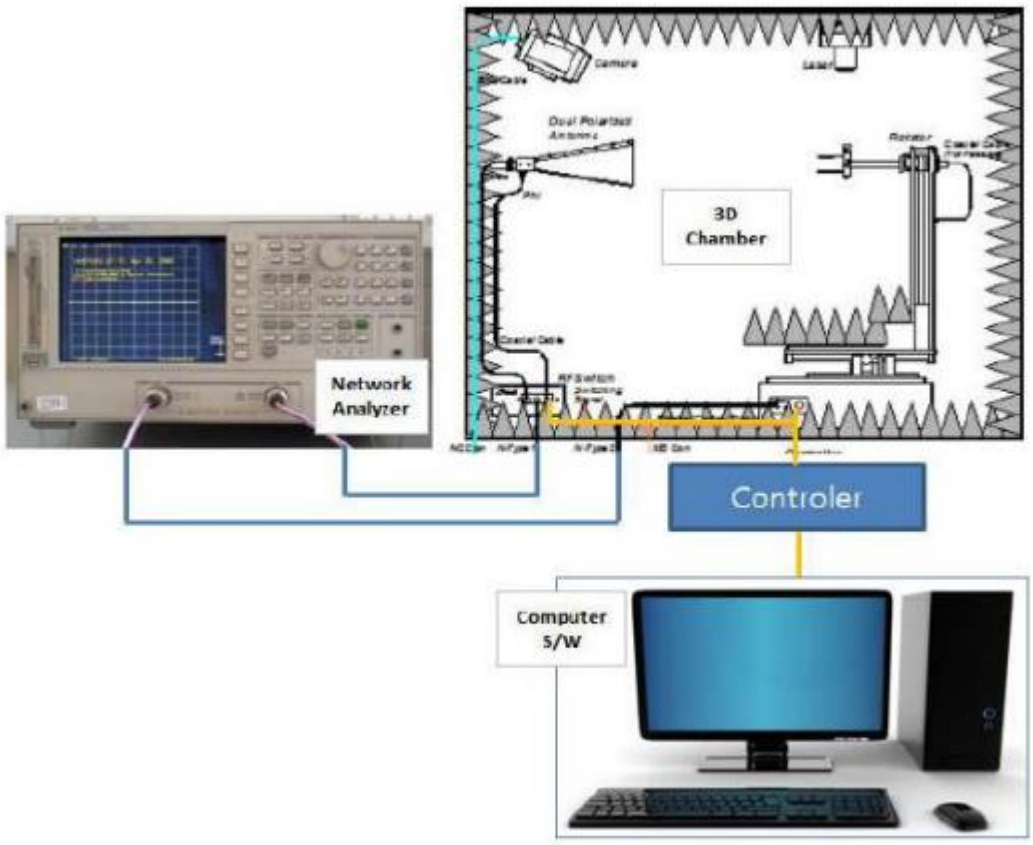
2 Test Condition

2.1 Test Environment (Condition/Method Radiation & Gain

Step 1. Calibrate the Chamber system using Horn antenna, and set up the software to control the Chamber system at the same time.

Step 2. Keep the measuring antenna to holder.

Step 3. Measure Gain & efficiency.

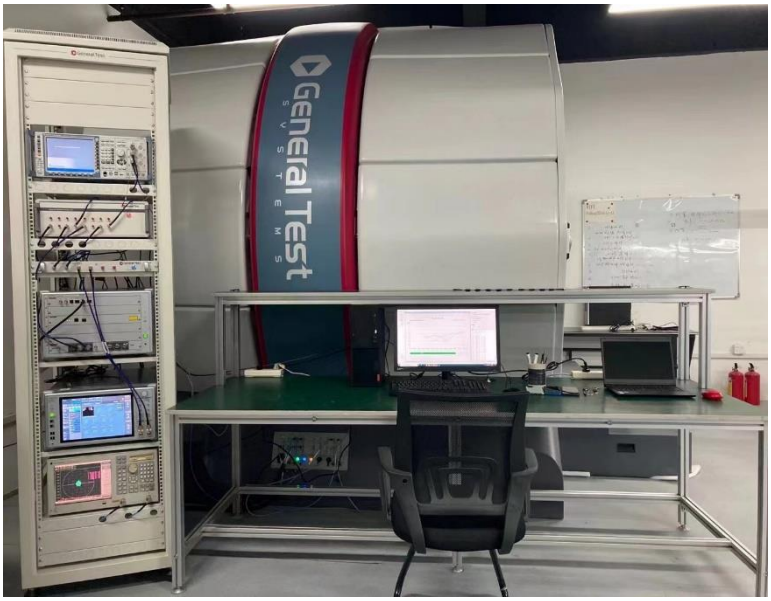


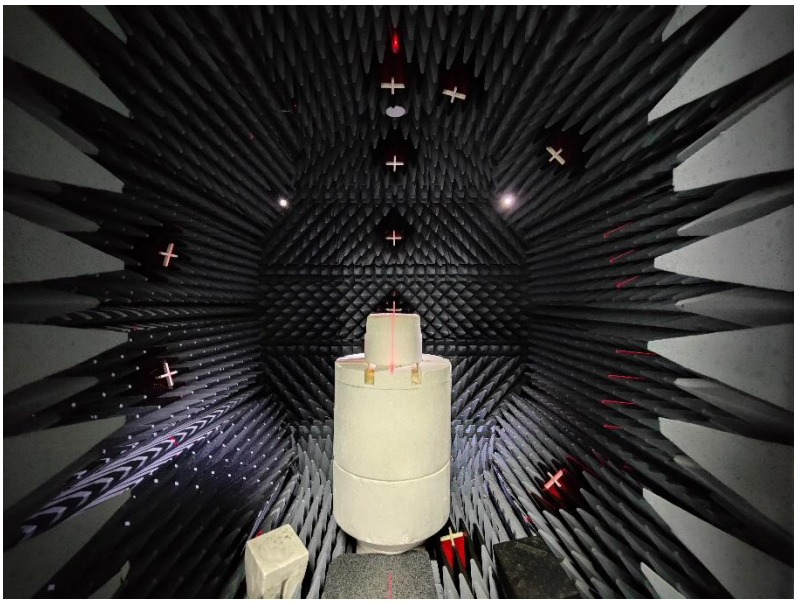
3 Antenna description

Type : Internal Antenna

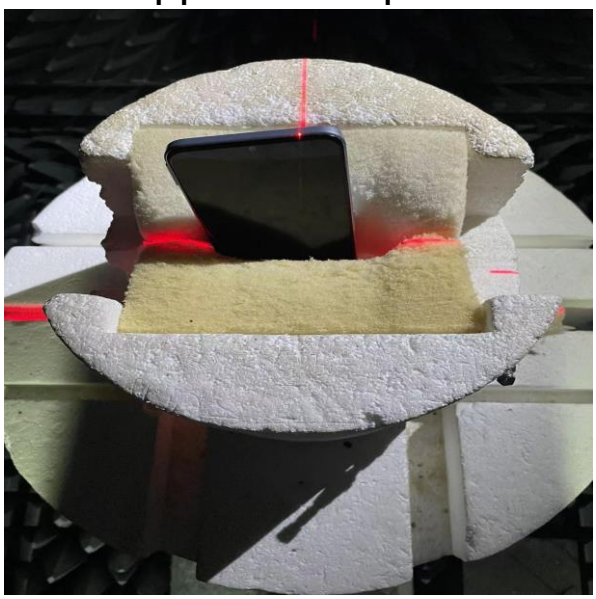
4 List of Measuring Equipment

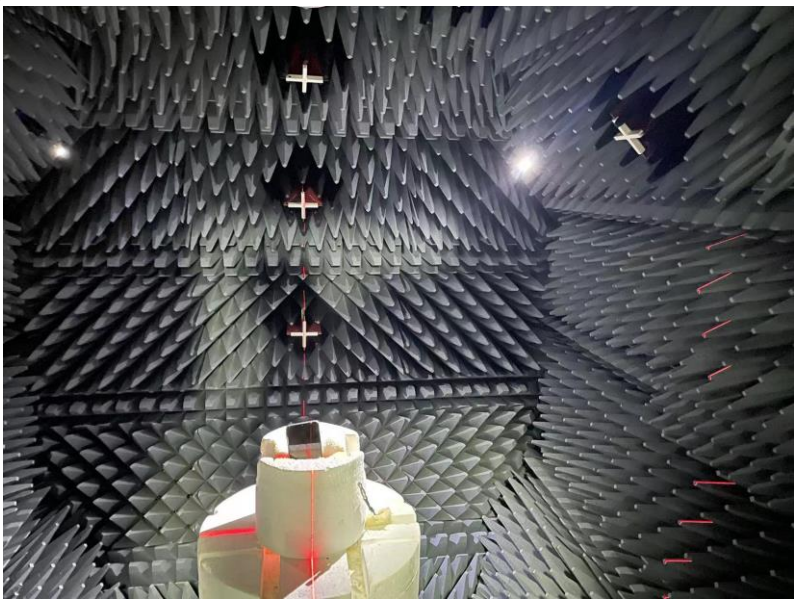
Multi-Probe OTA Measurement System





DUT setup photo of free space OTA testing





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Equipment	GTS2800

Model Name	PK-E125	Coosea Group Co.,Ltd.	Fu Bang	Part Number	ALDMARG
Revision	1.0			Revision date	2025-04-24

5.1. Antenna Location and Size