

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

	CUSTOMER	Hesung Innovation Limited	
	CS P/N	HS-FPC002-230A	
	TEST MODEL	DR-HSH006S Warm air blower	
	PART NAME	WIFI Antenna	
	FREQUENCY	2400~2500MHz	
	ZTX NO.	2.00000961	
	DATE	2024-04-01	

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark:

Sign:

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		Le.Qin	Wenqi.Liu	



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ANTENNA SPECIFICATION

CUS P/N: HS-FPC002-230A_WIFI Antenna

Application Date: Apr, 01, 2024

Rev: R:A0

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Revision history

Edition	Date	state
A0	2024-04-01	First edition

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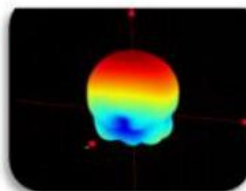
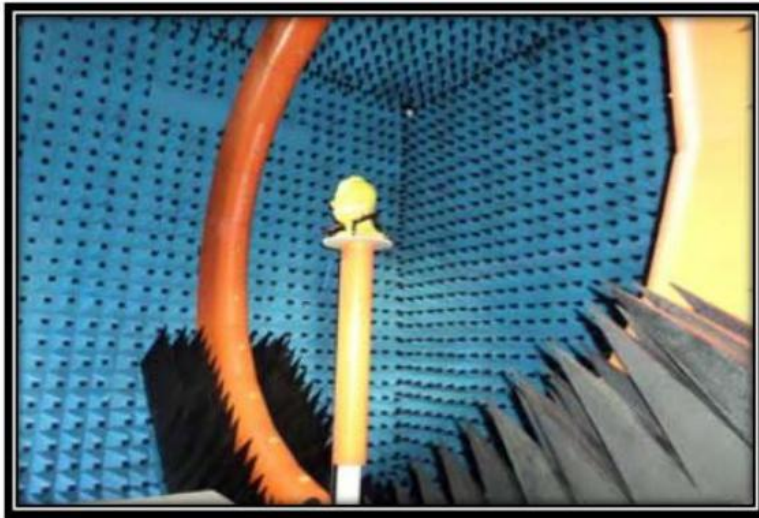
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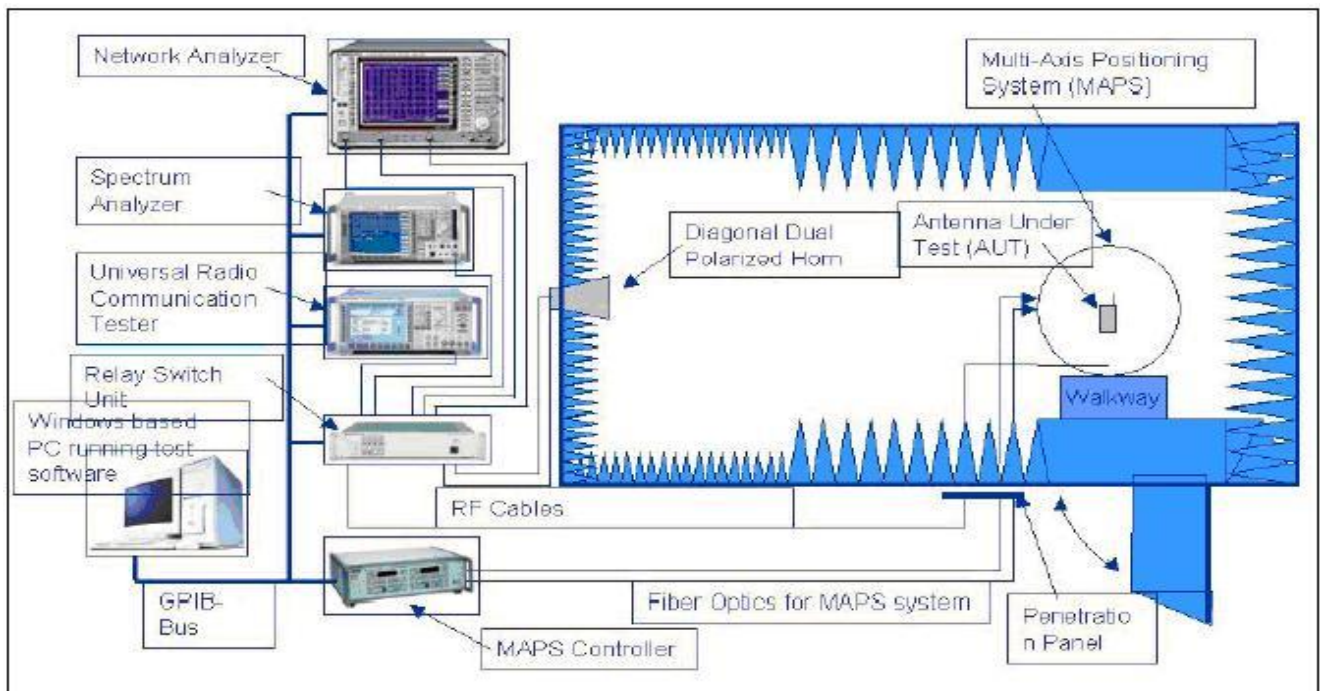
2. Test equipment



Owned 6 microwave dark room, equipped 2 sets world leading France Satimo SG24 OTA certification test systems (one in SHENZHEN, another one in Shanghai), ETS OTA Standard test system, Blue test reverberation test system which is High repeatability, high accuracy and high resolution. It can quickly provide accurate test reports, fully meet the CTIA standards.

Testing range:

Support active, passive testing of GSM/CDMA/WCDMA/TD-SCDMA/LTE/WIFI/WLAN/WiMax/BT/GPS/MIMO/UWB within 0.4-6G.



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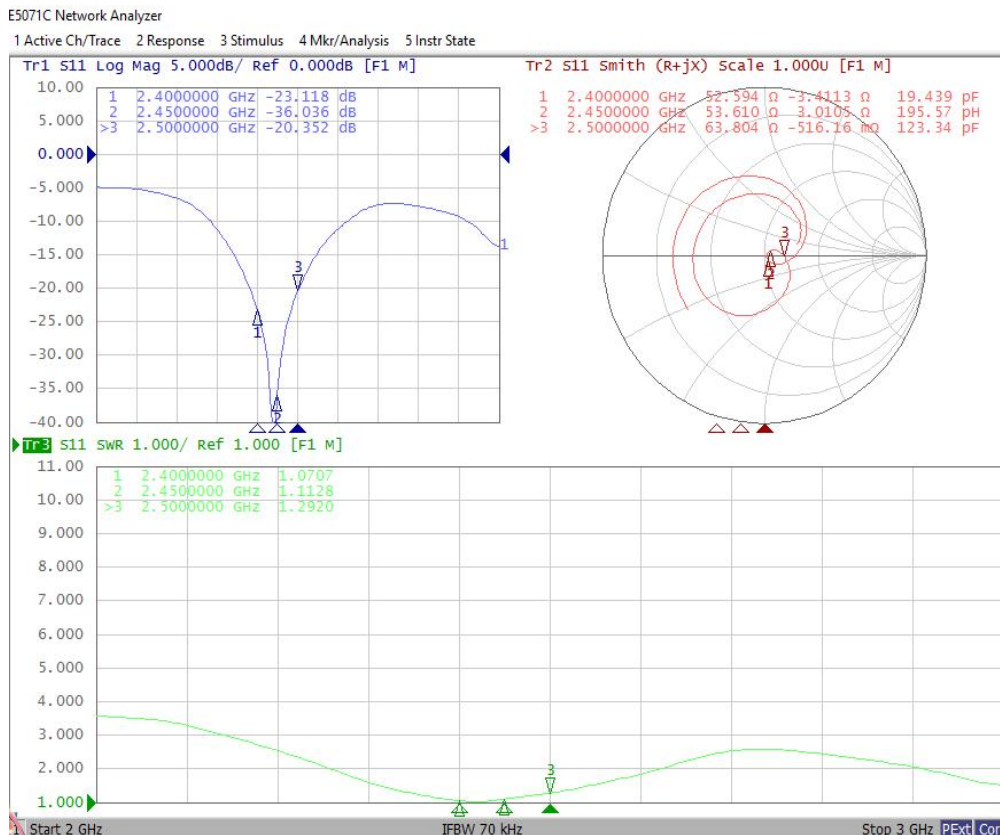
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3.Test Results Summary

3-1 Active Test

FPC sample		
frequency	TRP	TIS
2. 4G-11B	16. 46	-83. 52
	16. 66	-83. 43
	16. 56	-83. 13
2. 4G-11G	15. 02	-70. 07
	15. 39	-70. 63
	15. 22	-70. 40
2. 4G-11N	15. 12	-66. 39
	15. 18	-66. 12
	15. 21	-65. 57

3-2 VSWR &S11



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3-3 No-source test data

Frequency	Efficienc	Efficienc	Gain . dB
2.4E+09	66%	-1.7828	3.308108474
2.41E+09	66%	-1.82494	3.416641229
2.42E+09	63%	-2.00097	3.371648217
2.43E+09	65%	-1.86037	3.608702609
2.44E+09	63%	-1.97914	3.420210511
2.45E+09	64%	-1.95141	3.698445056
2.46E+09	63%	-2.00356	3.798410062
2.47E+09	60%	-2.23694	3.823760722
2.48E+09	65%	-1.8687	4.355508636
2.49E+09	64%	-1.92422	4.453610315
2.5E+09	67%	-1.70794	4.664413639

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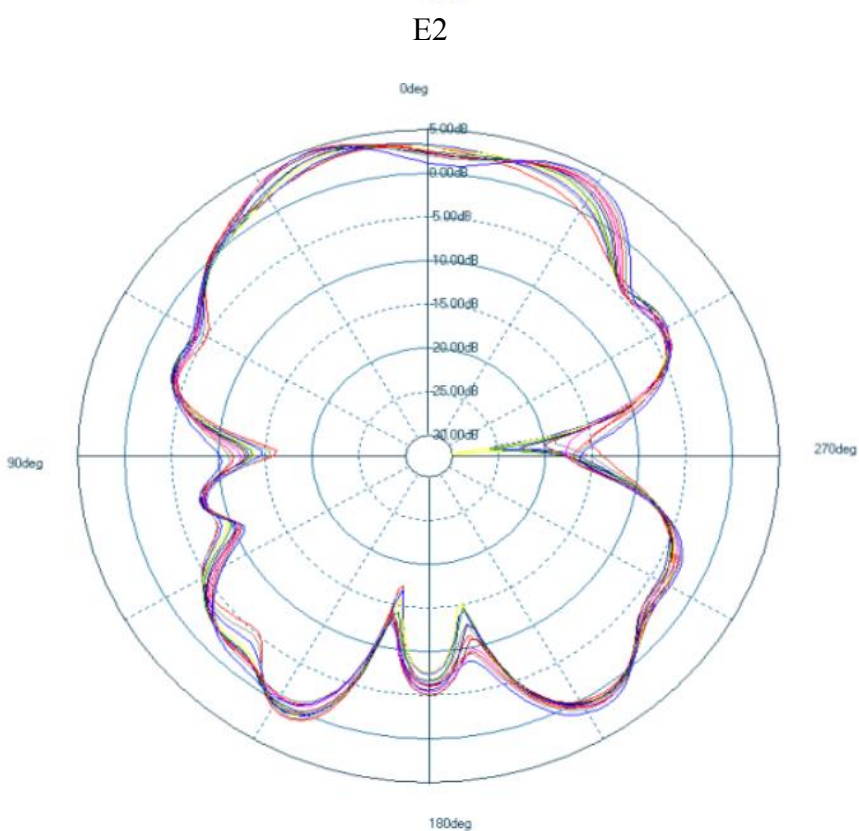
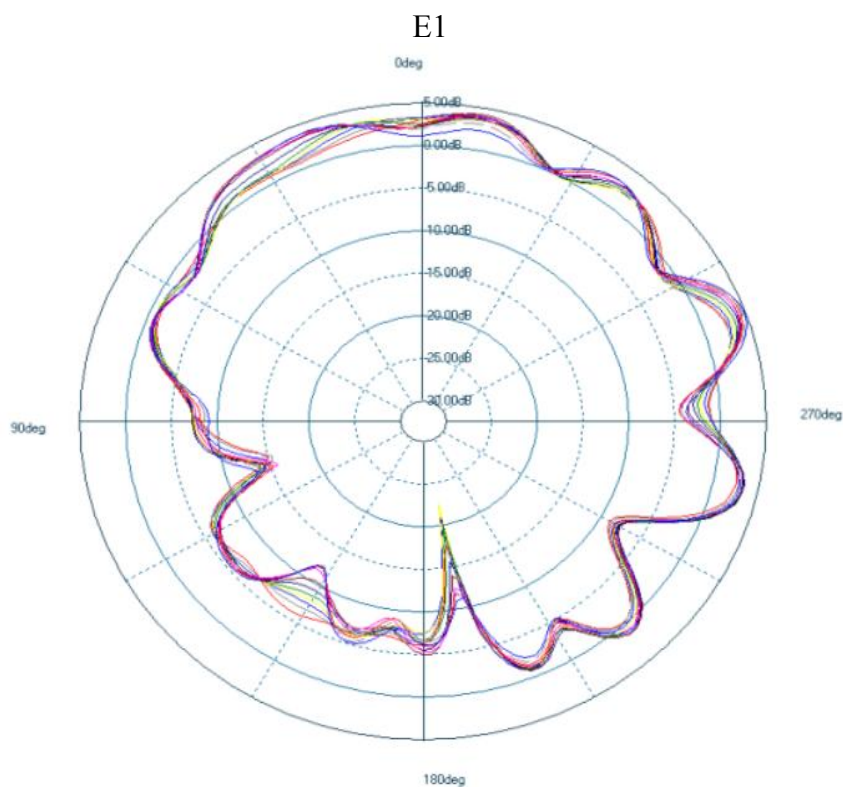
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3-4 2D/3D Radiation Pattern Results



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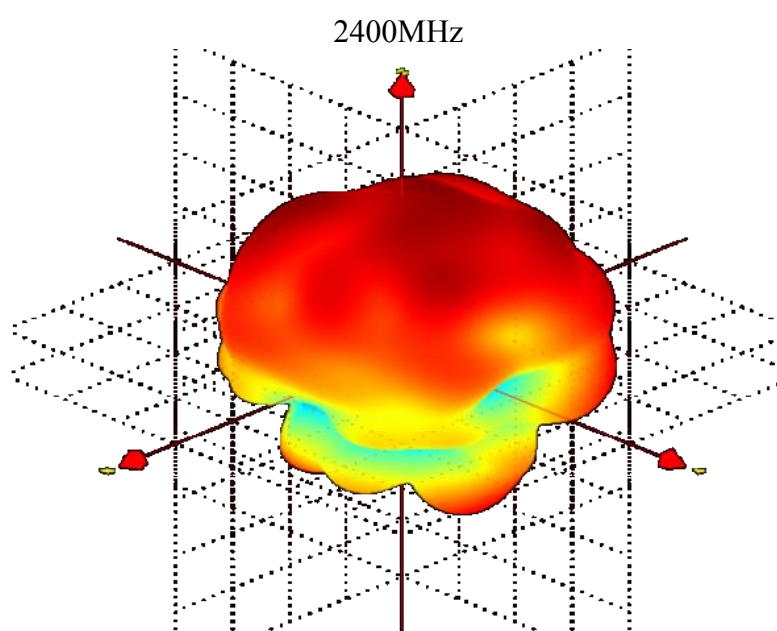
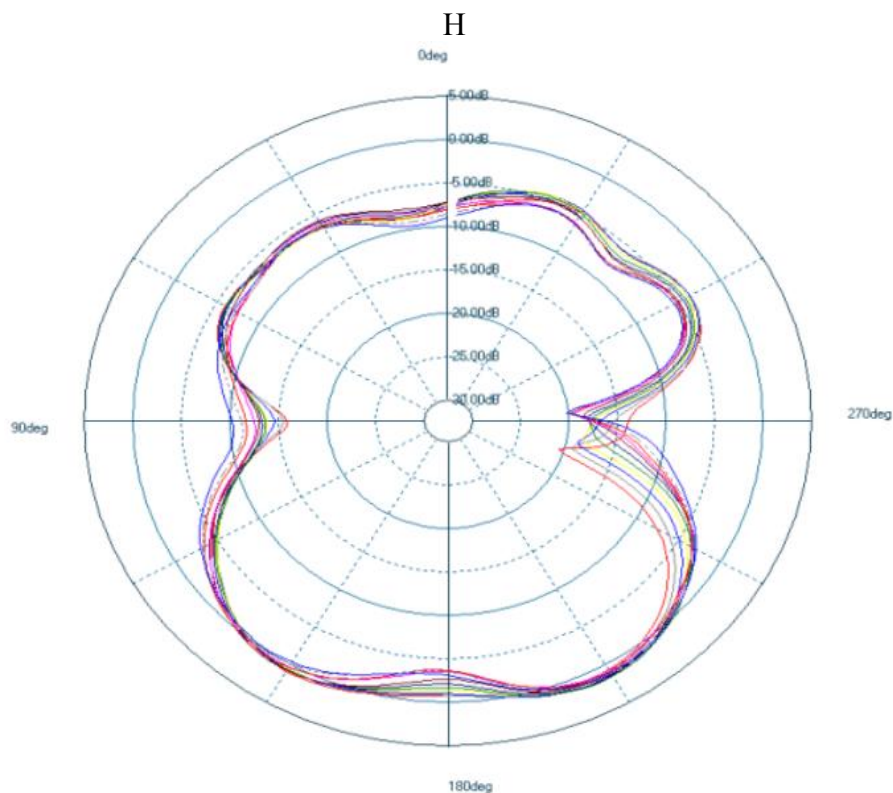
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