

Sample acknowledgement

Customer Name: Jiahua Hengtai project name: y-c200 sample signing date: August 31, 2022

Supplier confirmation	make	research and development	structure	quality
	眭海云2022. 8. 31	黄城2022. 8. 31	卢锋2022. 08. 31	

Confirmed by the demander	project	appearance	structure	qualit

conclusion Batch useMP Limited use () K

ROHS

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1、Project status

Main antenna	frequency		Antenna status	Antenna form	Design area	Matching circuit
	WIFI	2.4G	PCBA	PIFA	Welded to main board	nothing

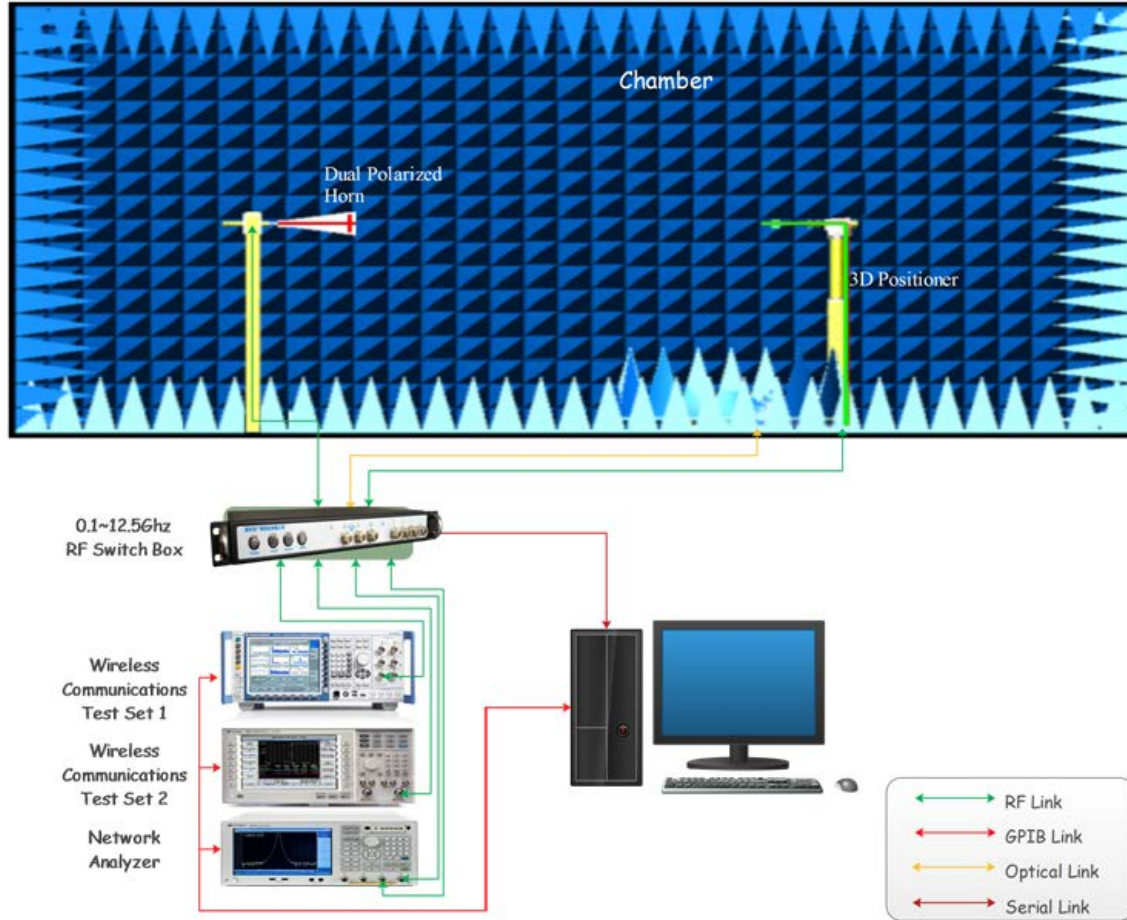


➤ 2、Antenna version information

entry name	edition	time	remarks
	v1.0	2022.8.30	First commissioning

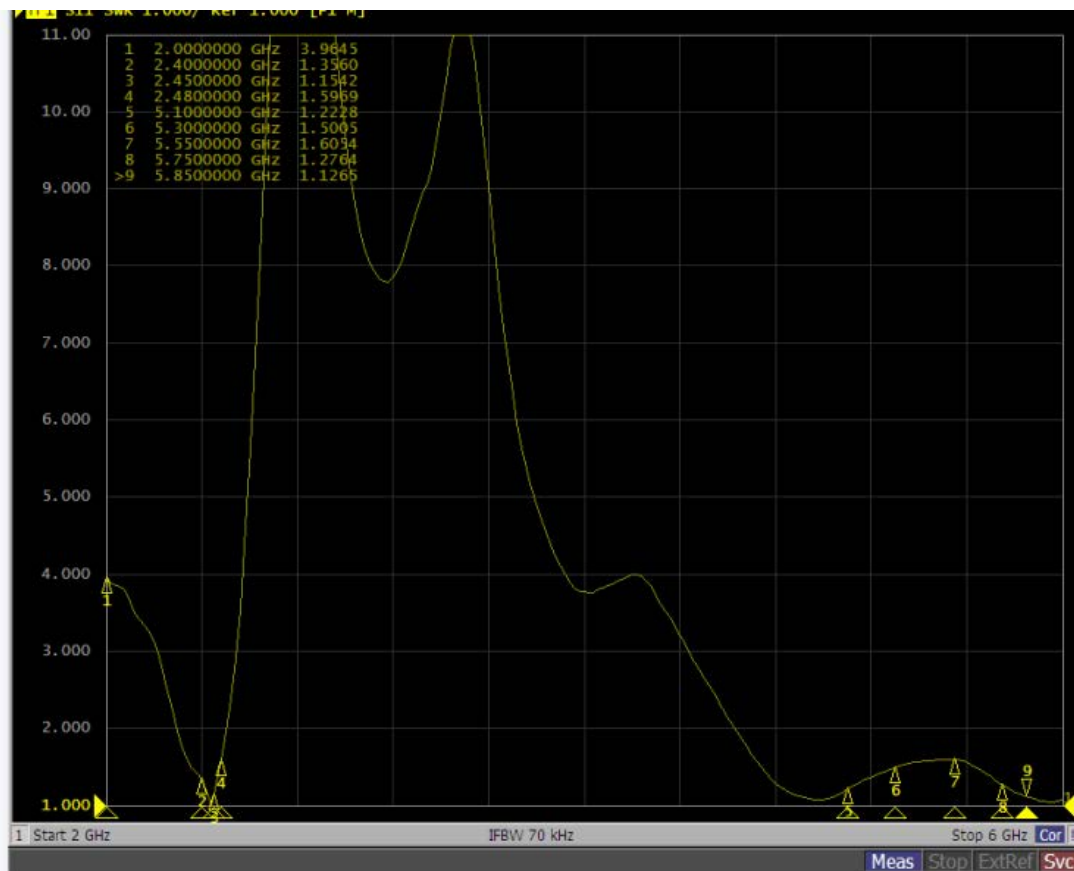


3、testing environment





5、Passive data



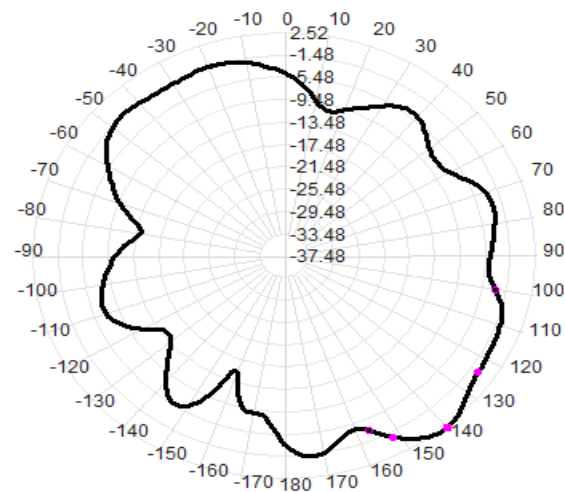
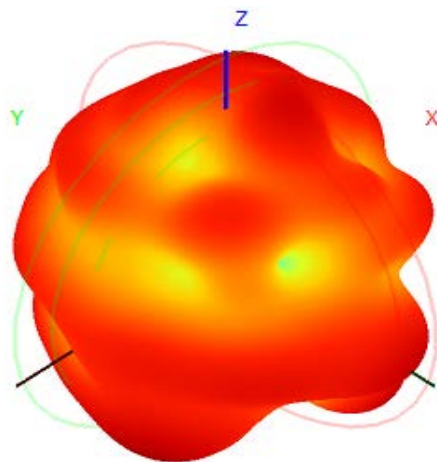
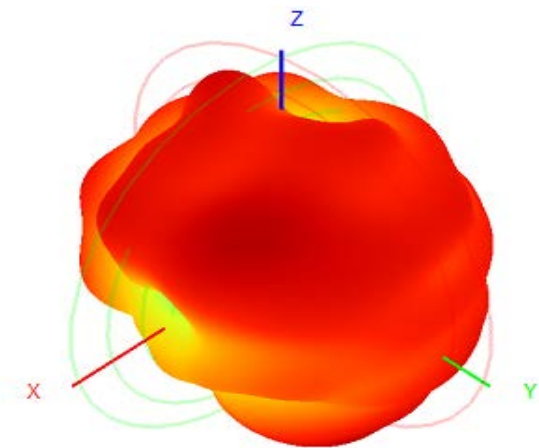


5、Passive data

Frequency band	Test items	frequency (MHz)	Test value
2402-2480	efficiency 《%》	2402	60.32
		2441	61.18
		2480	60.37
	gain 《dbi》	2402	1.63
		2441	1.76
		2480	1.73



5、Passive data





6、OTA active data

WIFI-B	TRP (dbm)	TIS (dbm)	WIFI-G	TRP (dbm)	TIS (dbm)
1	16.06	-80.40	1	14.23	-72.03
6	15.54	-80.84	6	13.21	-72.72
11	14.62	-81.48	11	12.54	-73.31



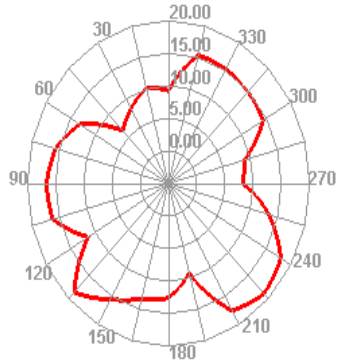
6、OTA active data

WIFI-N	TRP (dbm)	TIS (dbm)
1	14.26	-70.23
6	13.54	-70.88
11	12.32	-70.25

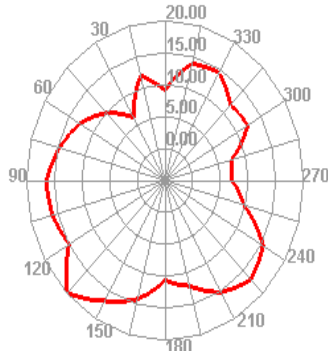


6、OTA active data

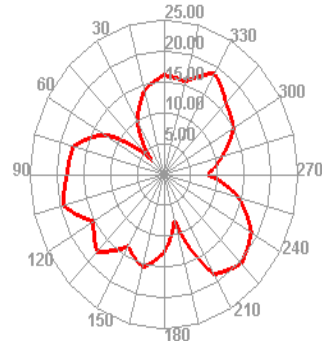
Wifi 6 TRP Phi=45



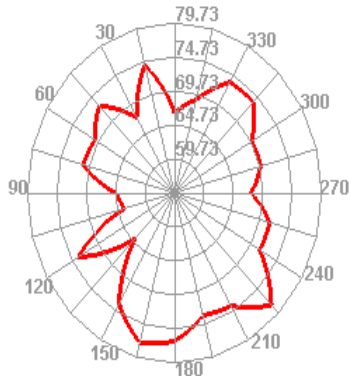
Wifi 1 TRP Phi=45



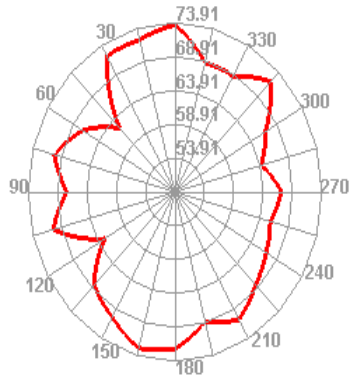
Wifi 11 TRP Phi=45



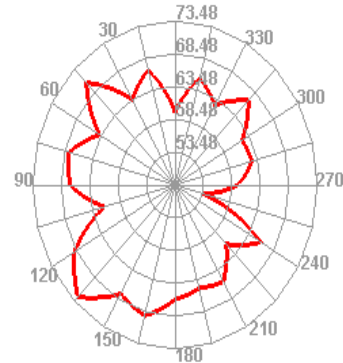
Wifi 36 TIS Phi=45



Wifi 64 TIS Phi=45



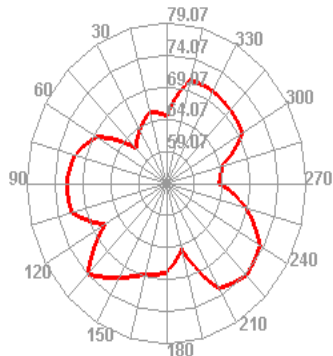
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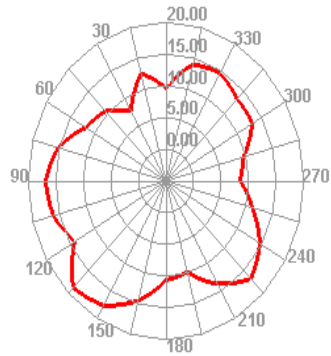


6、OTA active data

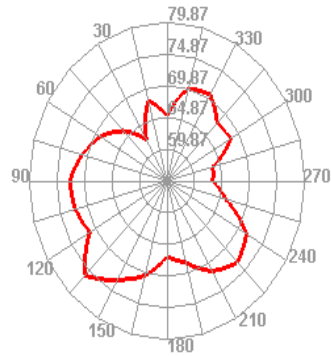
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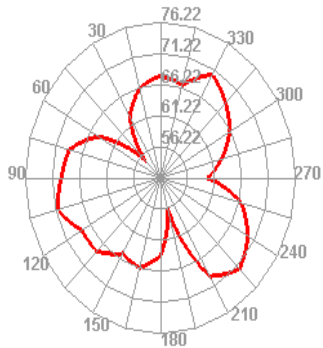
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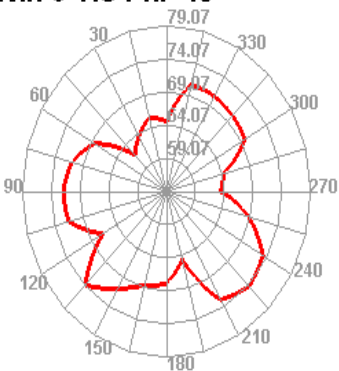
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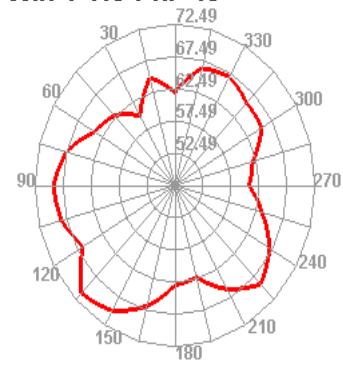
Wifi 11 TIS Phi=45



Wifi 6 TIS Phi=45



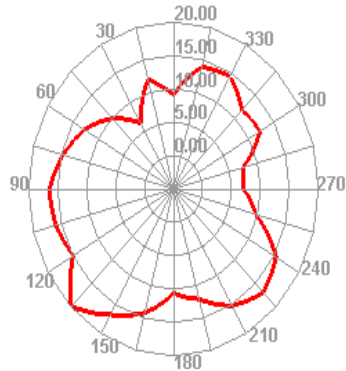
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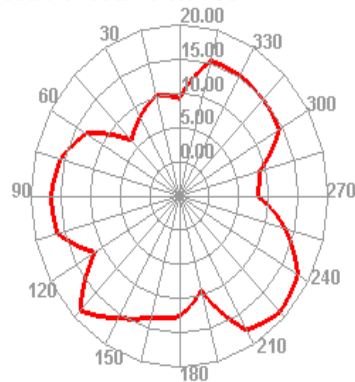


6、OTA active data

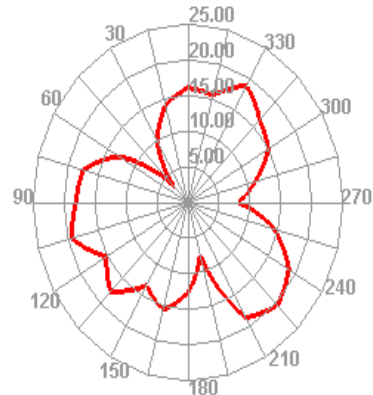
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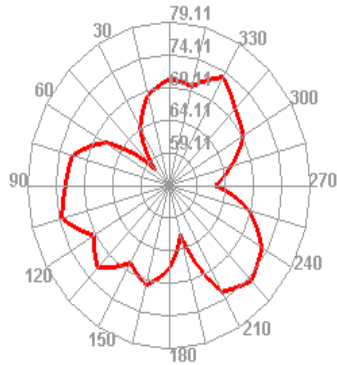
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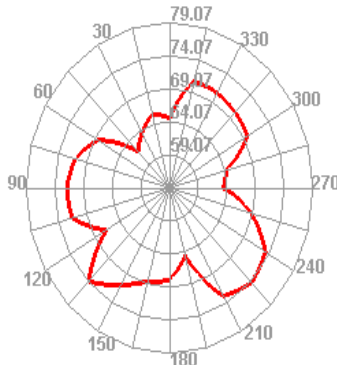
Wifi 11 TRP Phi=45



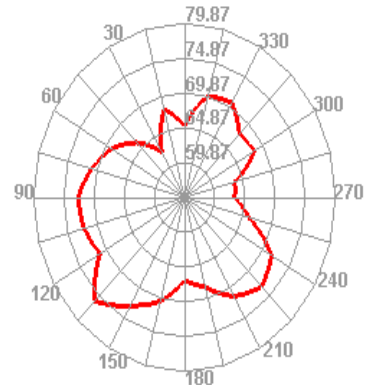
Wifi 11 TIS Phi=45



Wifi 6 TIS Phi=45



Wifi 1 TIS Phi=45





Antenna size diagram

