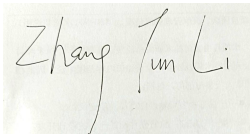



RF Report

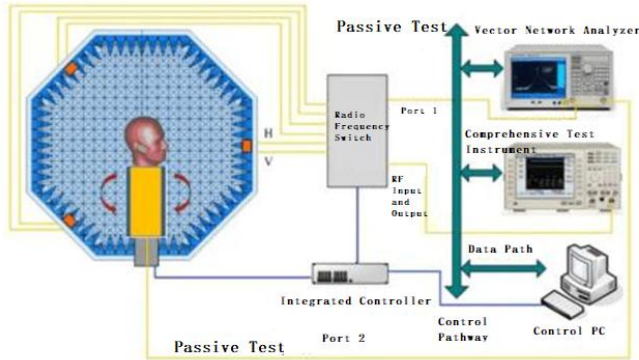
Model Name	EMC3029-P
HW Solution	IOT WLAN (802.11) SOC TG7100C
FW Version	0000.0000.A304
Report No.	MXCHIP-EMC3029-P RF Test_001
Manufacture and Applicant	Shanghai MXCHIP Information Technology
Address	9th Floor, Building B, Lane2145, Jinsha Jiang Road, Putuo District, Shanghai

Tester	
Reviewer	

1. Test Device



2. Test Environment Setup



3. Test Equipment

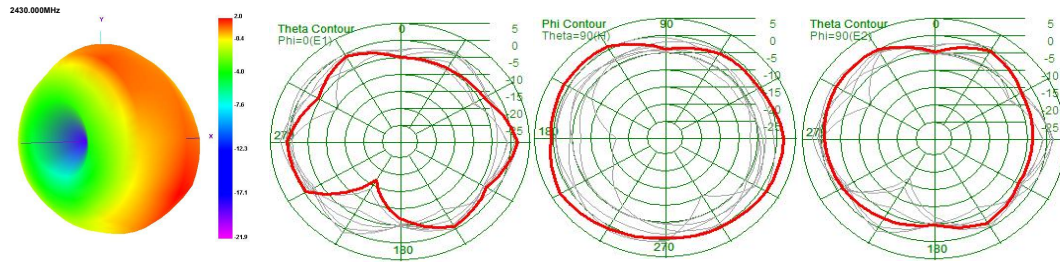
Equipment	Model	Manufacture
Vector Network Analyzer	E5071C	KEYSIGHT
Comprehensive Test Instrument	RayZone-5000	GTS

4. Antenna Efficient and Gain

Passive Test For Wi-Fi						
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Min (dB)	Attenut Hor	Attenut Ver
2400	63.2	-1.9	1.8	-11.60	53.2	52.7
2410	62.5	-2.1	1.9	-10.97	52.9	51.8
2420	61.7	-1.9	1.8	-10.64	52.7	53.2
2430	62.4	-1.8	2.0	-11.08	53.6	52.6
2440	61.5	-1.9	1.8	-10.73	52.4	52.3
2450	62.3	-2.0	1.9	-11.25	53.8	53.5
2460	61.9	-2.0	1.8	-10.70	52.7	52.7
2470	61.2	-1.9	2.0	-11.32	53.4	52.3
2480	61.4	-2.0	1.8	-10.85	52.8	52.4
2490	62.7	-1.9	1.9	-10.32	53.2	51.9
2500	62.3	-2.1	1.7	-10.53	53.0	53.4

5. Antenna Radiation

2430MHz



6. Antenna Type

Antenna Type: PCB Antenna, 2.4GHz.

