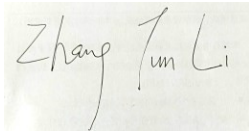


RF Report

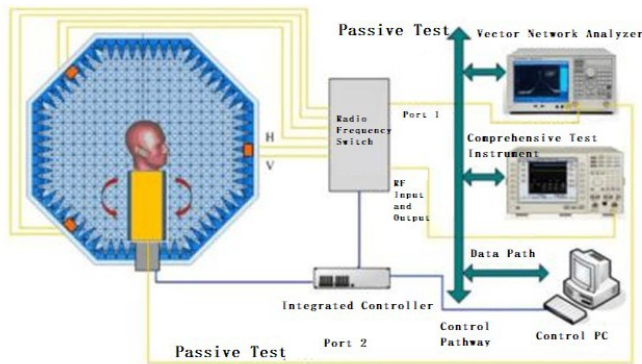
Model Name	EMC3091-P
HW Solution	IOT WLAN (802.11) Module MX1300CF
FW Version	0000.0000.A304
Report No.	MXCHIP-EMC3091-P RF Test_001
Manufacture and Applicant	Shanghai MXCHIP Information Technology
Address	9th Floor, No.5, Lane2145, Jinsha Jiang Road, Putuo District, Shanghai

Tester	
Reviewer	

1. Test Device



2. Test Environment Setup



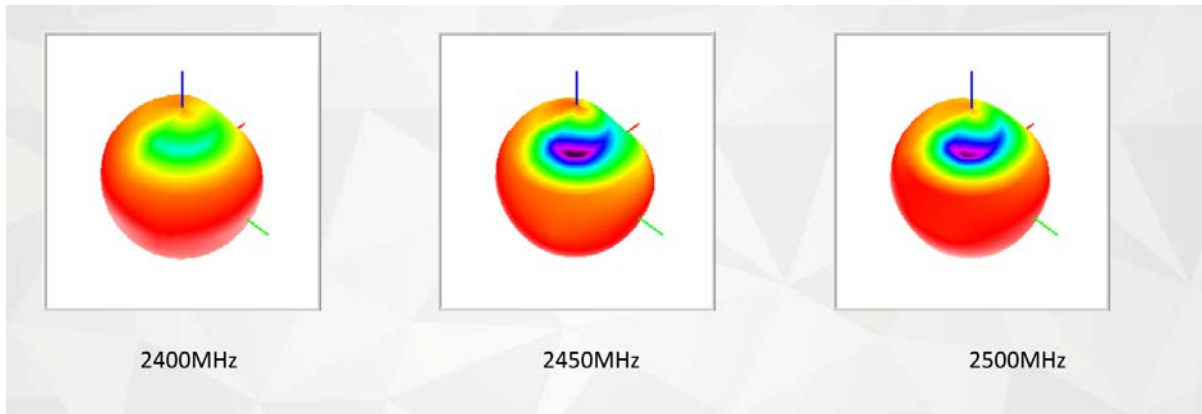
3. Test Equipment

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	61.5	-1.7	1.9	-11.62	53.3	52.5
2410	61.6	-2.0	1.8	-10.98	52.8	51.6
2420	61.8	-1.7	1.8	-10.65	52.8	53.3
2430	62.1	-1.8	2.0	-11.08	53.8	52.4
2440	62.2	-1.7	1.9	-10.73	52.5	52.7
2450	62.7	-2.0	1.8	-11.23	53.6	53.6
2460	62.6	-2.0	1.9	-10.70	52.8	52.5
2470	61.2	-1.9	2.0	-11.32	53.6	52.4
2480	61.4	-2.0	1.9	-10.83	52.7	52.6
2490	62.5	-1.9	1.9	-10.35	53.2	52.0
2500	61.3	-2.2	1.9	-10.55	53.2	53.4

5. Antenna Radiation



6. Antenna Type

Antenna Type: PCB Antenna, 2.4GHz.

