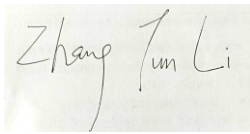



# RF Report

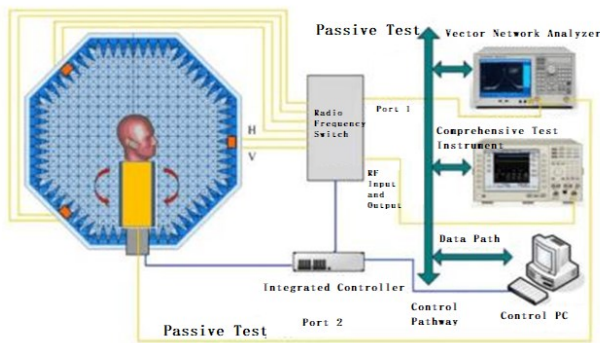
<b>Model Name</b>	<b>EMC3090-E</b>
<b>HW Solution</b>	<b>IOT WLAN (802.11) Module MX1300CF</b>
<b>FW Version</b>	<b>0000.0000.A304</b>
<b>Report No.</b>	<b>MXCHIP-EMC3090-E RF Test_001</b>
<b>Manufacture and Applicant</b>	<b>Shanghai MXCHIP Information Technology</b>
<b>Address</b>	<b>9th Floor, No.5, Lane2145, Jinsha Jiang Road, Putuo District, Shanghai</b>

<b>Tester</b>	
<b>Reviewer</b>	

# 1. Test Device



# 2. Test Environment Setup



# 2. Test Equipment

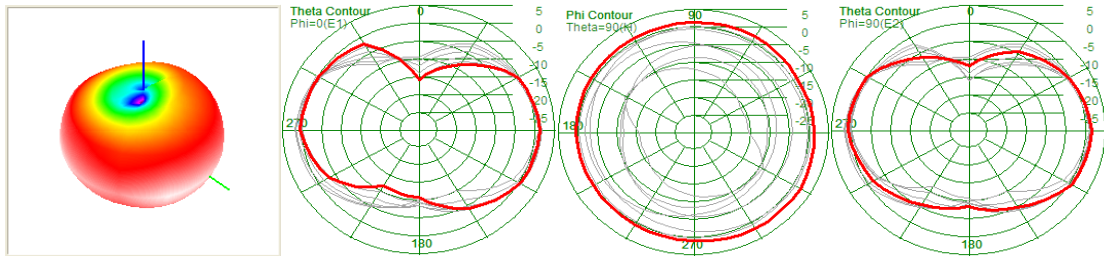
Equipment	Model	Manufacture
Vector Network Analyzer	E5071C	KEYSIGHT
Comprehensive Test Instrument	RayZone-5000	GTS

# 4. Antenna Efficient and Gain

Passive Test For WIFI						
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Min (dB)	Attenut Hor	Attenut Ver
2400	62.62	-2.03	1.8	-10.6	53.28	52.56
2410	61.46	-2.11	1.8	-10.55	53.34	52.58
2420	61.23	-2.13	1.8	-10.49	53.45	52.63
2430	62.98	-2.01	1.8	-10.26	53.33	52.73
2440	62.74	-2.02	1.7	-10.11	53.37	52.78
2450	65.08	-1.87	1.7	-10.11	53.46	53.02
2460	63.73	-1.96	2	-10.13	53.47	52.9
2470	65.77	-1.82	1.8	-10	53.54	52.93
2480	65.7	-1.82	1.7	-10.46	53.54	52.79
2490	67.63	-1.7	1.9	-10.24	53.54	52.88
2500	67.39	-1.71	2	-10.14	53.52	52.85

## 5. Antenna Radiation

2450MHz



## 6. Antenna Dimension

Antenna Type: IPEX Antenna, 2.4GHz

