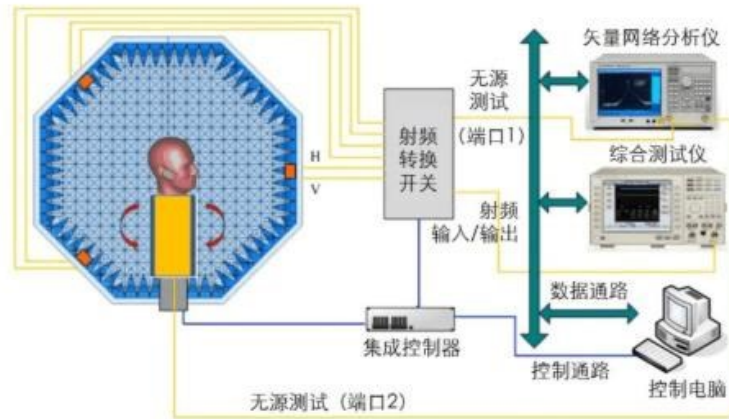


# RF Report

<b>Model Name</b>	<b>EMC3290-S</b>
<b>HW Solution</b>	<b>IOT WLAN (802.11) Module RTL8720DM</b>
<b>FW Version</b>	<b>0000.0000.A304</b>
<b>Manufacturer</b>	<b>Shenzhen Bat Wireless Technology Co., Ltd</b>
<b>Address</b>	<b>1409, Building A, Zhiyun Industrial Park, No. 13 Huaxing Road, Henglang Community, Dalang Street, Longhua District, Shenzhen</b>
<b>Report No.</b>	<b>MXCHIP-EMC3290-S RF Test_001</b>

# 天线效率

## 测试环境



## 测试数据

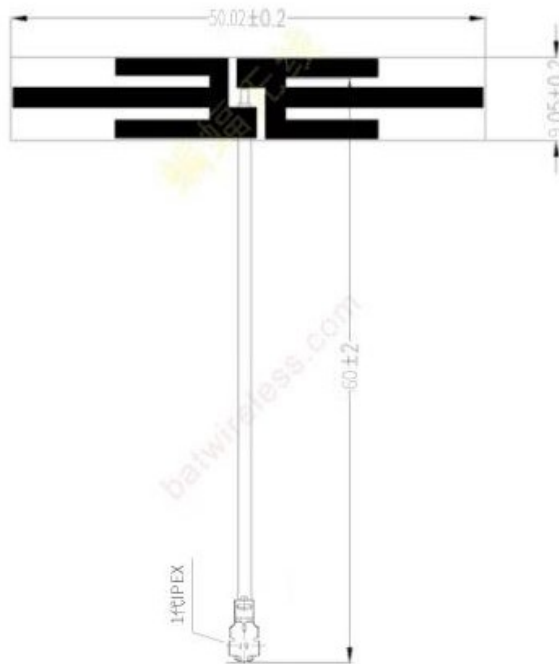
EMC3290-S 2.4GHz/5GHz 天线效率							
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	52.23	-2.45	-0.32	5150	47.42	-2.97	-0.64
2410	53.62	-2.31	-0.29	5200	46.23	-2.92	-0.58
2420	53.71	-2.26	-0.26	5250	47.56	-2.85	-0.43
2430	54.36	-2.13	-0.24	5300	46.63	-2.72	-0.39
2440	55.49	-2.05	-0.28	5350	47.77	-2.57	-0.43
2450	56.81	-2.12	-0.19	5400	49.76	-2.17	-0.45
2460	54.34	-2.25	-0.23	5450	53.73	-2.73	-0.38
2470	53.57	-2.35	-0.32	5500	56.16	-2.84	-0.32
2480	52.39	-2.42	-0.29	5550	54.27	-2.56	-0.35
2490	53.86	-2.67	-0.38	5600	55.31	-2.67	-0.31
2500	52.66	-2.46	-0.23	5650	53.54	-2.72	-0.43
AVG	53.91	-2.31	-0.27	5700	54.37	-2.45	-0.37
				5750	53.62	-2.77	-0.38
				5800	52.51	-2.84	-0.42
				5850	52.43	-2.96	-0.36
				AVG	51.42	-2.71	-0.42

# 天线外观

天线型号: BW258FNX50-9B1



# 天线尺寸



- 技术要求:
1. 所有单位尺寸为mm.
  2. 材料:  
FPC 黑色  
同轴线1.13 60MM黑色
  3. 所有尺寸标注前有\*符号的为管控尺寸。