

深圳市嘉盛佳科技有限公司

Shenzhen Jiashengjia Technology Co., Ltd

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Antenna Specifications



Date: 2025/05/20

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1.Project Debugging Overview

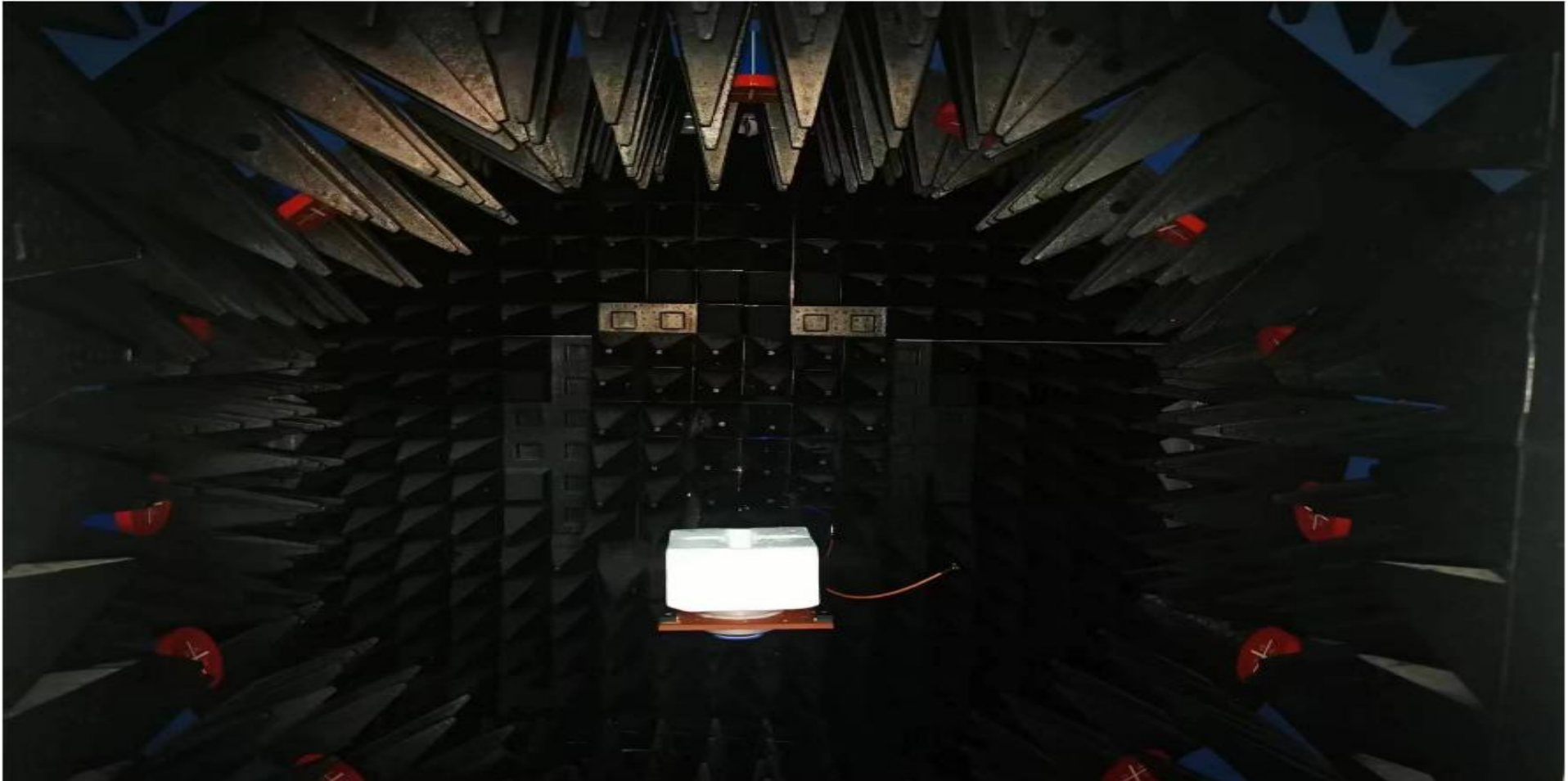
Customer Name		Da Yun Intelligent Technology		project name		BM5JR	
model		control box		Antenna material		FPC	
Antenna Overview	Antenna	Antenna frequency band			Antenna status	Antenna area	Antenna form
		2G	900M		Sample verification	FPC	NO
		3G					
		4G					

2.Project Manager Contact Information

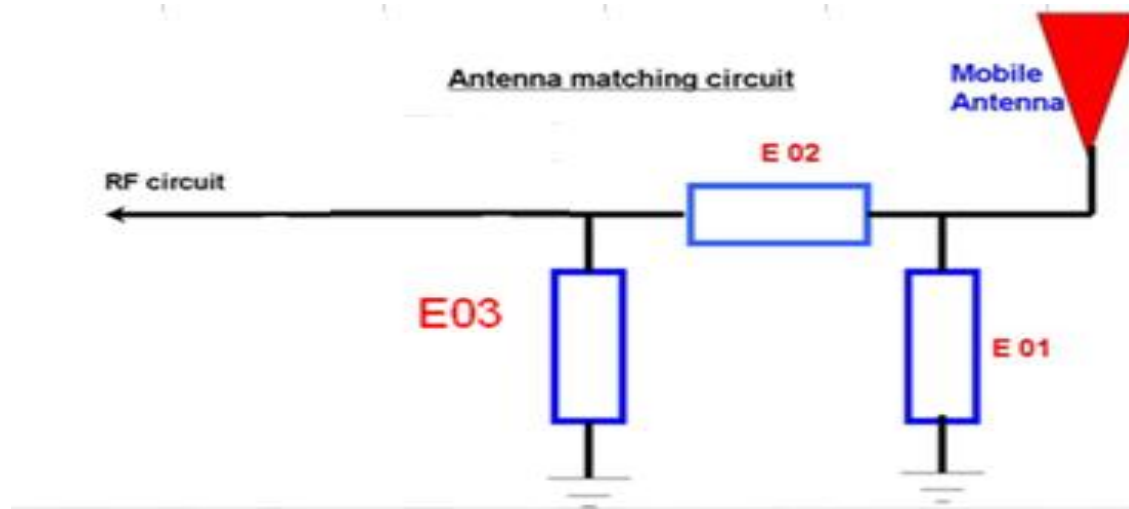
sales director	Wu Xiong	15013792335	szjsj01@163.com
RFengineer	zhouyong	13556806912	szjsj03@163.com

3.testing environment

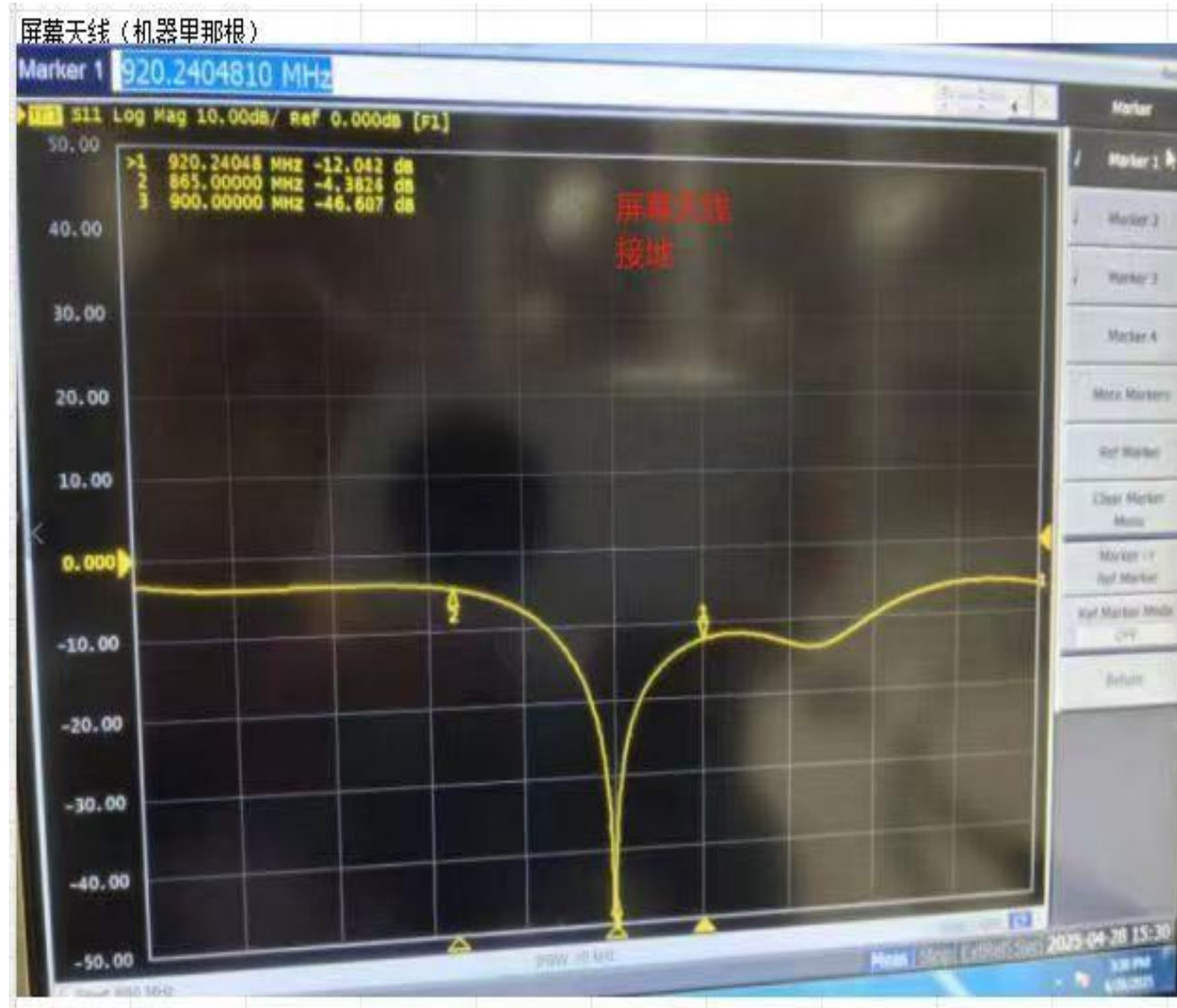
integrated measuring instrument	CMW500
darkroom	Atenlab M3
temperature	25°C
humidity	65% (RH)



4. Antenna matching circuits and passive parameters



5. Antenna standing wave diagram



6. Antenna passive test data

900M

Freq (MHz)	Effi (%)	Gain (dBi)
890	49.01	2.06
895	52.59	2.45
900	48.3	2.11
905	47.86	1.99
910	47.71	1.82

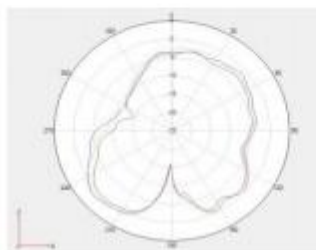
7. Antenna physical diagram and appearance diagram of the debugging machine



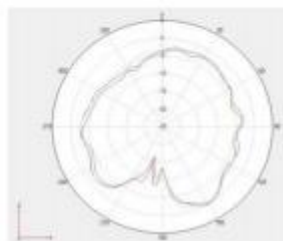
8.OTA Passive parameter radiation diagram

OTA Passive parameter radiation diagram

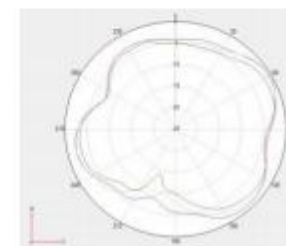
2D



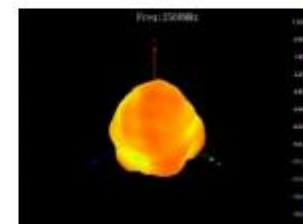
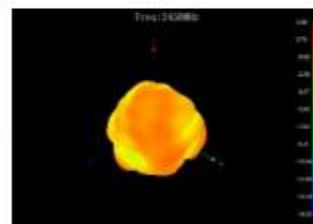
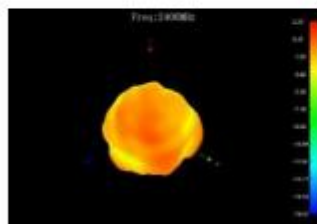
2D



2D



3D Radition pattern



9. Antenna Dimension

