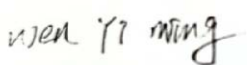


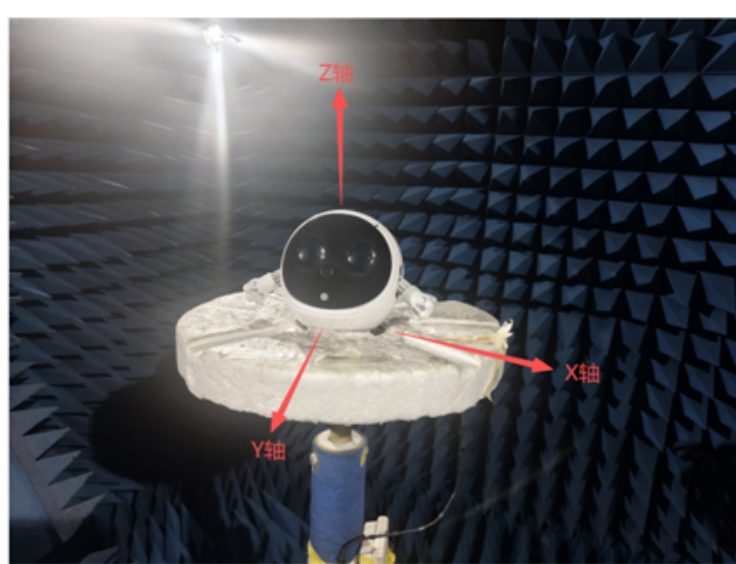
Antenna Report

customer	Shenzhen Mengdian Exploration Technology Co., LTD
Project Name	M19
Version	V1.0
Report Date	2025/11/29
Supported frequency bands	2.4G WIFI
Contact information of the person in charge	 18870770180
Manufacturer	Shenzhen Jinhong Wireless Technology Co., LTD
Address	Room 301, Building B1, Weiye Innovation 18th Industrial Zone, beside Nanchang Baoyuan Road, Nanchang Community, Xixiang Sub-district, Bao 'an District, Shenzhen City

OTA testing			
Frequency band	Channel	TRP	TIS
2.4G	1	13.5	-83.3
	7	13.7	-83.4
	13	13.1	-83.3

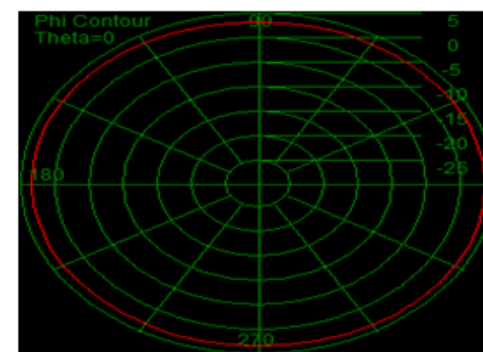
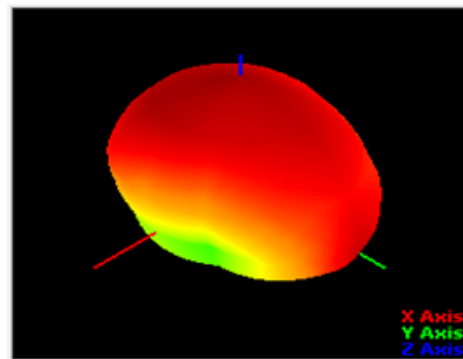
WIFI antenna		
Frequency (MHz)	Gain (dBi)	Efficiency 效率 (%)
2400.00	3.52	59.3%
2410.00	2.75	48.9%
2420.00	3.20	53.9%
2430.00	3.81	61.4%
2440.00	2.48	45.1%
2450.00	2.93	51.1%
2460.00	2.82	51.5%
2470.00	1.75	39.2%
2480.00	2.44	43.4%
2490.00	1.46	35.1%
2500.00	1.20	34.5%

Test environment



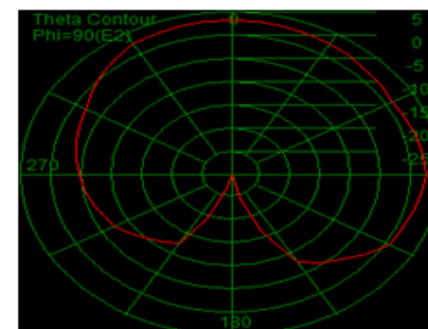
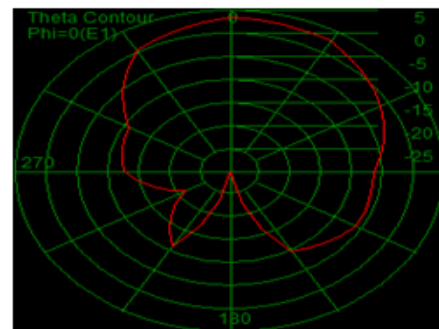
3D image of a 2400M antenna

2D antenna diagram H plane

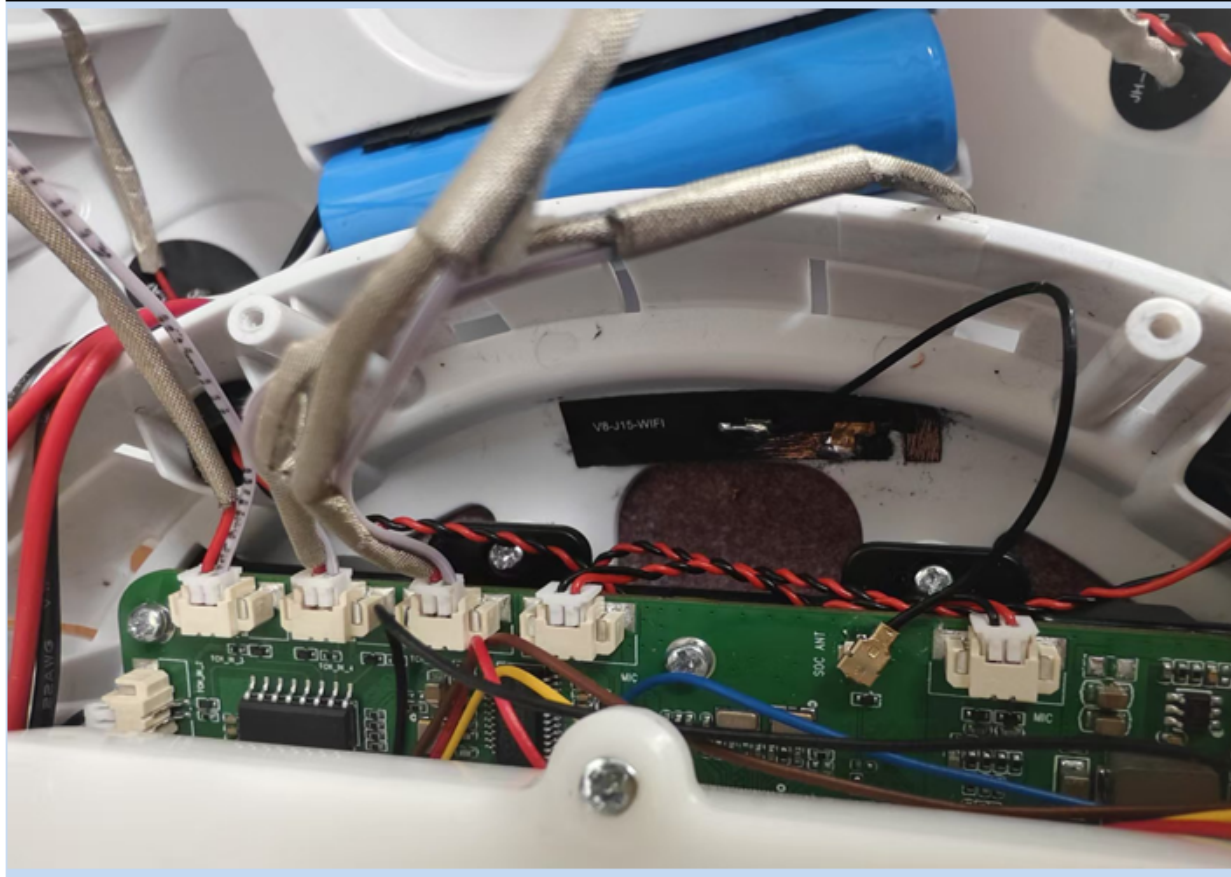


E1 side

E2 side



Antenna assembly



Antenna assembly

