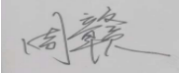
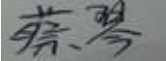
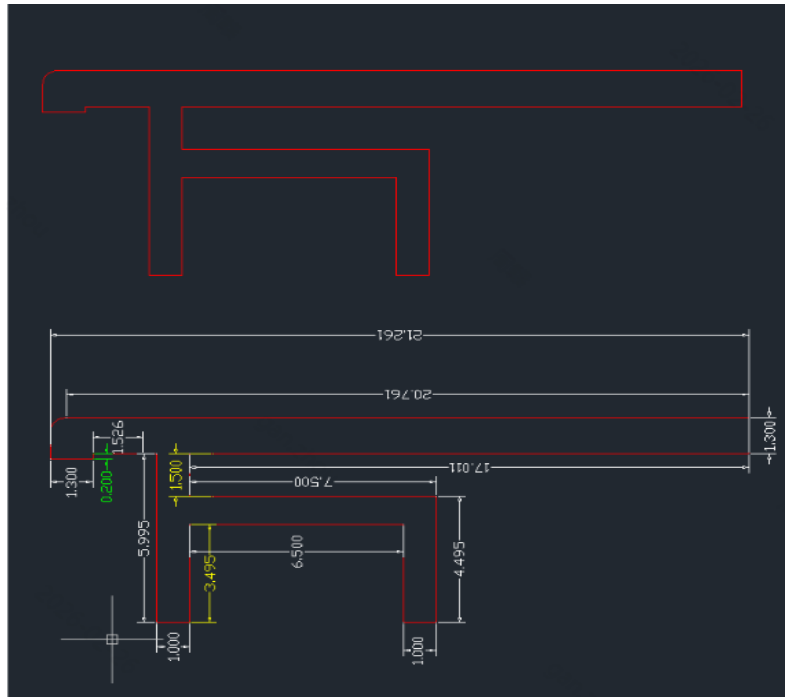


Mini V2 Speaker Antenna report

Applicant	Guangdong Seegem Circuit Technology Co.,Ltd
Address	Yongan Avenue, Yongan Town, Dinghu District, Zhaoqing City, Guangdong Province, China

Manufacturer or Supplier	Guangdong Seegem Circuit Technology Co.,Ltd
Address	Yongan Avenue, Yongan Town, Dinghu District, Zhaoqing City, Guangdong Province, China
Product	Yoto Mini V2
Brand Name	yoto
Model	YM3
Antenna type	PCB Antenna
Max. Peak Gain	2.4G: 2.02dBi 5G: 4.14dBi
Date of tests	2026-02-26
Tested by Gan Zhou	Approved by Qin Cai
	

1: Antenna Size (mm)

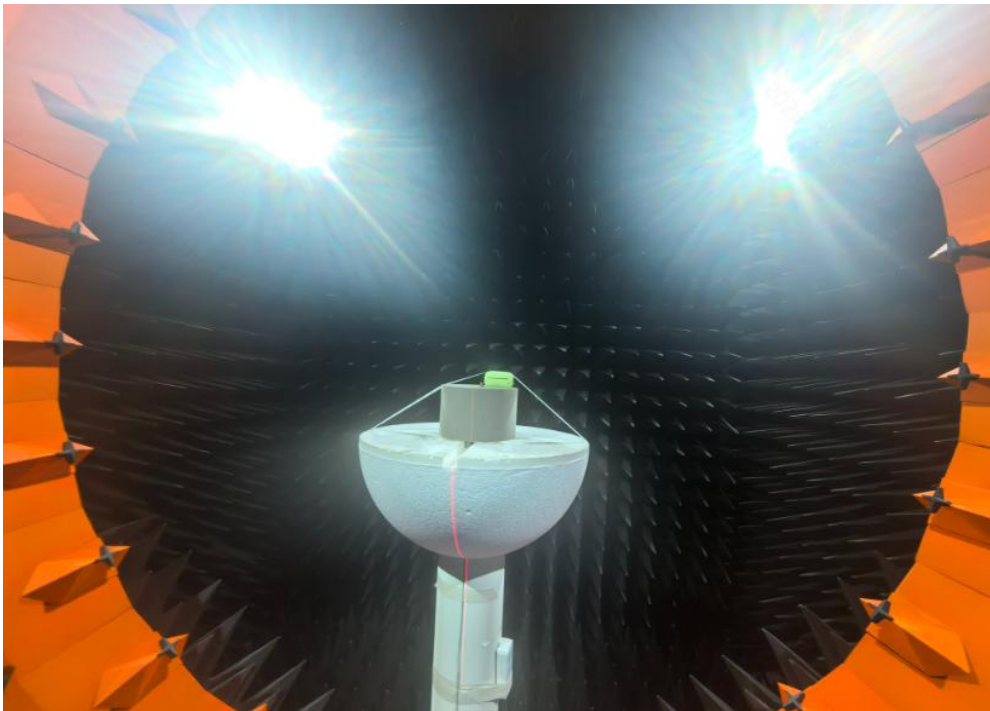


2: Antenna photo (Please refer to Antena photos document)

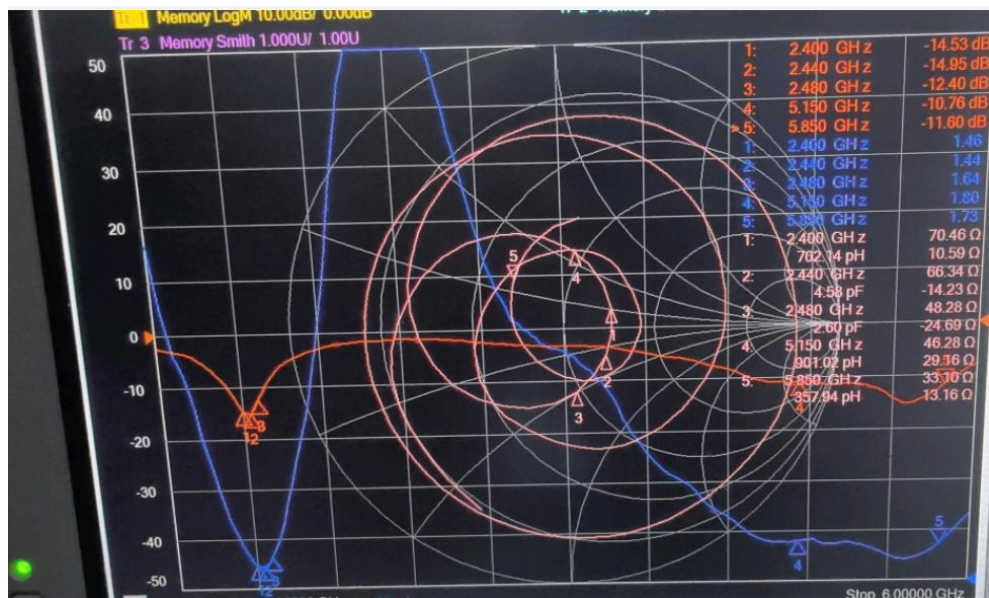


Antenna

3: Test setup photo (Please refer to Antenna photos document)



4: Return loss & impedance



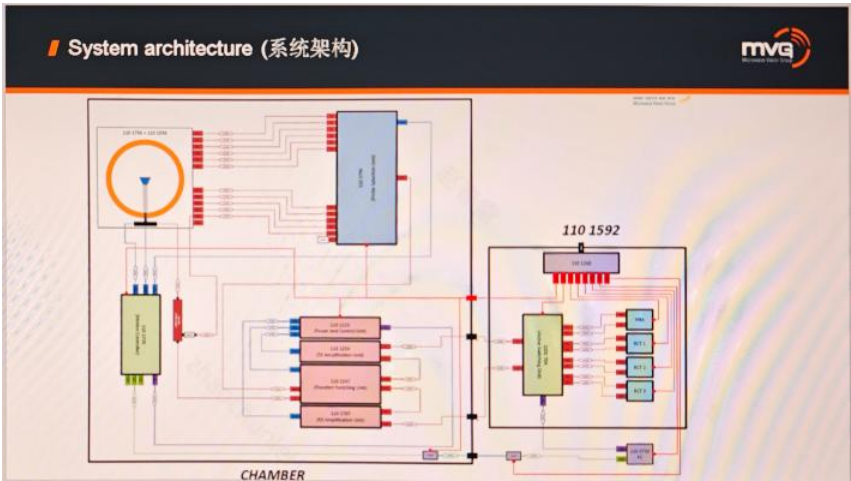
5. Test standard

Name	Parameter	Method	Standard no.
Antenna performance	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149-1979

6. Equipment list

Equipment	Manufacturer	Model No	Serial No.	Last Cal.	Due Date
Network Aanlyzer	Agilent	E5071C	MY47100344	2025.03.15	2026.03.14
Microwave chamber	MVG	SG24S 0.4-10GHz	1102805-0012	2026.01.05	2027.01.05
Test Software	MVG	Wave Studio24.3.3			

7.Test configuration diagram



Test step flow:

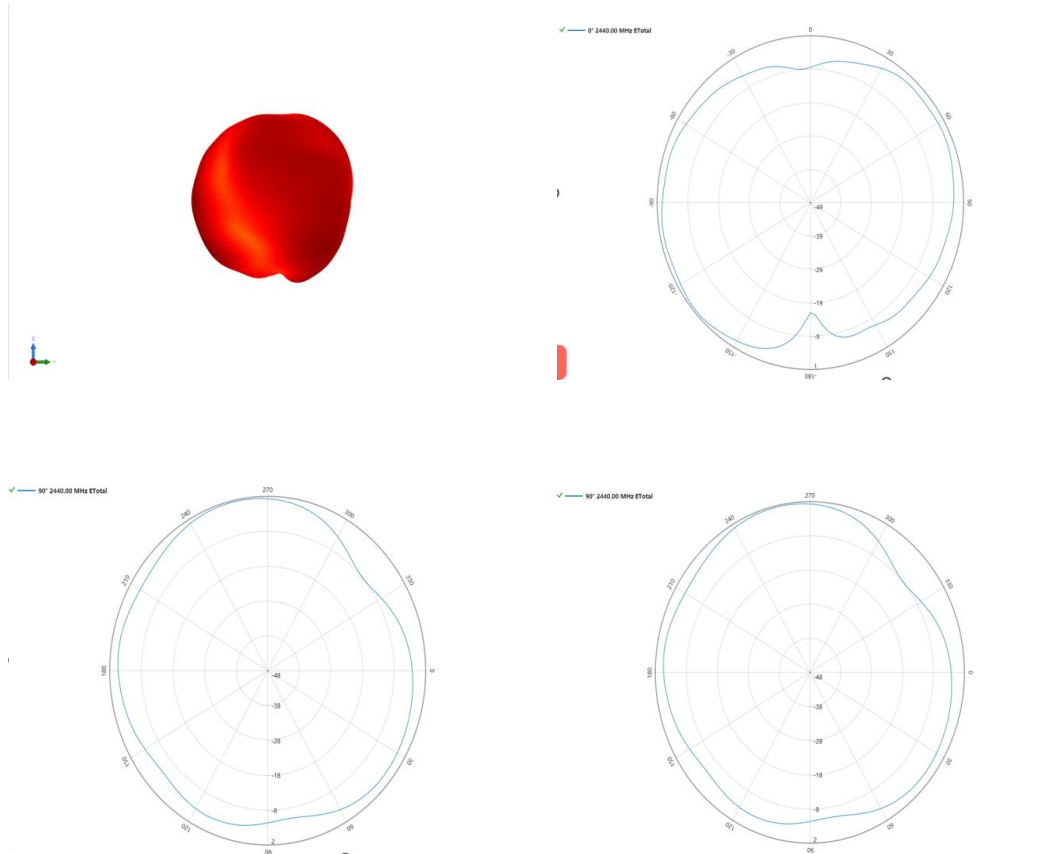
- 1) Maintain the test ambient temperature of 23 ± 2 C, the instrument is powered on and preheated for more than 30 minutes;
- 2) Turn on the darkroom power supply, connect the test cable, and set up the sample according to the standard;
- 3) Outline sets the test content objectives and conducts calibration tests;
- 4) Run the software, when the test is completed, export the corresponding test diagram and test data, and save to the corresponding directory.

8. Antenna gain

Frequency	Efficiency (dB)	Gain (dBi)
2400	-3.24	0.24
2410	-3.36	0.42
2420	-3.24	0.87
2430	-3.09	1.06
2440	-3.05	1.13
2450	-3.17	1.19
2460	-3.19	1.49
2470	-3.22	1.76
2480	-3.28	2.02
5150	-2.92	2.7
5200	-2.6	3.17
5250	-2.59	3.45
5300	-2.53	3.6
5350	-2.62	3.7
5400	-2.6	4.02
5450	-2.63	3.88
5500	-2.54	3.69
5550	-2.79	3.29
5600	-2.85	3.38
5650	-2.67	3.62
5700	-2.75	3.23
5750	-2.84	3.76
5800	-3.11	3.82
5850	-3.03	4.14

9. Antenna test data

2440MHz



5500MHz

