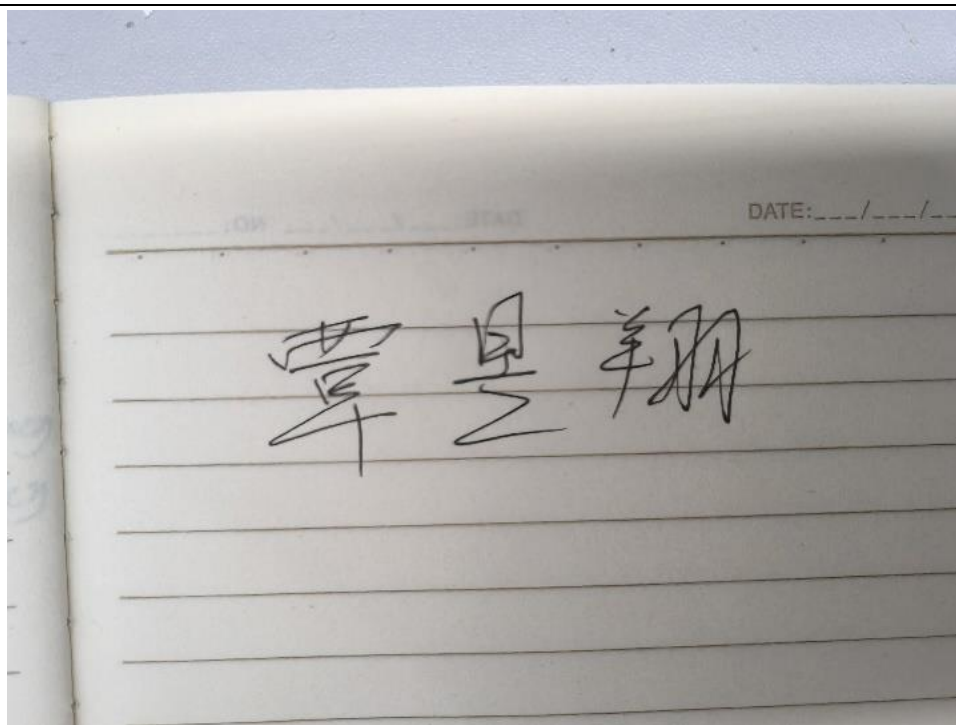


JBL GO5 Antenna Test Report

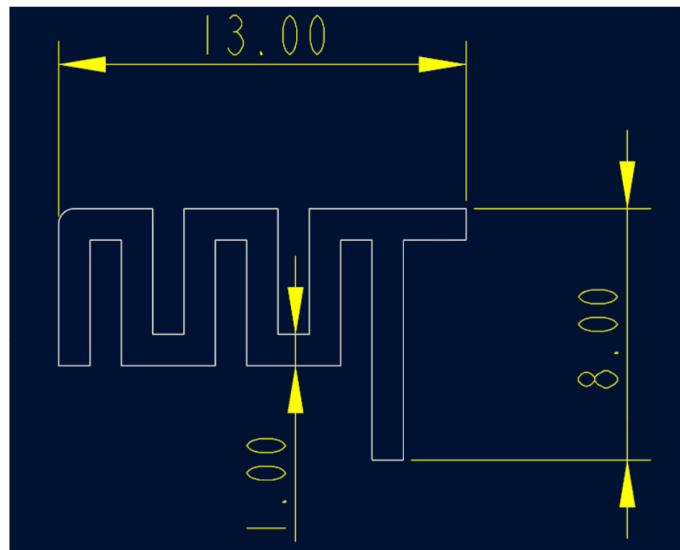
Applicant	Tonly Technology Co., Ltd.
Address	Section 37, Zhongkai High-tech Development Zone, Huizhou City, Guangdong Province, 516006 China

Manufacturer or Supplier	Tonly Technology Co., Ltd.
Address	Section 37, Zhongkai High-tech Development Zone, Huizhou City, Guangdong Province, 516006 China
Product	Wireless SPK
Brand Name	JBL
Type	Printed Circuit Board (PCB)
Max. Peak Gain	3.52 dBi
Date of tests	2025-8-31

Tested and Approved by Yuxiang Qin



1. Antenna Overview



(All the dimensions shown in unit of mm)

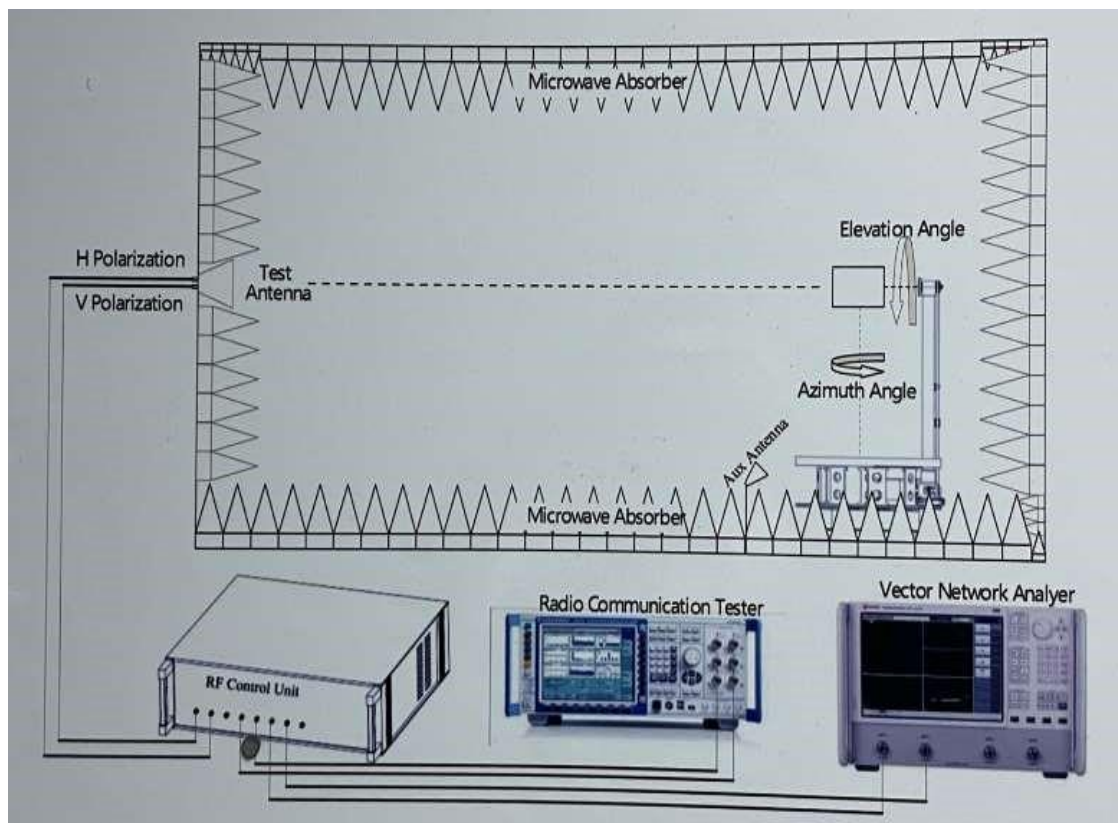
2. Test standard

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

3. Equipment list

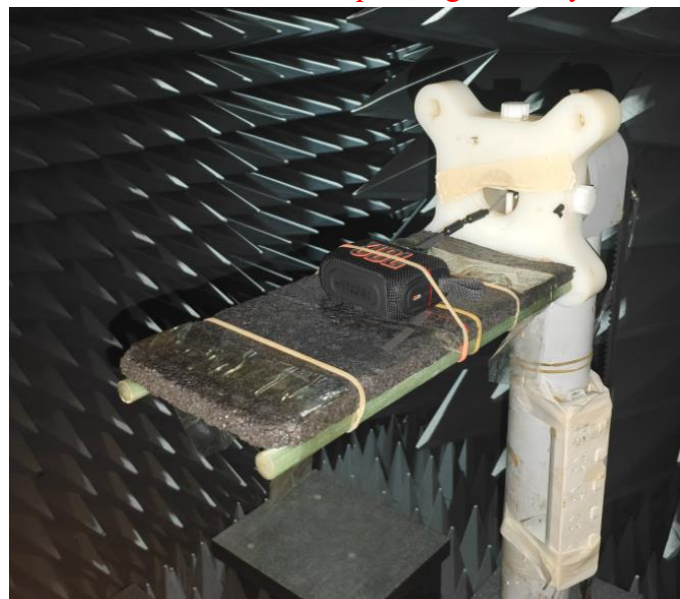
Equipment	Manufacturer	Model No	Serial No.	Last Cal.	Due Date
Network Aanlyzer	Agilent	E5071C	MY46630767	2025.4.27	2026.4.26
Microwave chamber	GTS	GTS Maxsign-Dart7000		2025.4.27	2026.4.26
Turn table	GTS	Dart-700 turn table		2025.7.27	2026.7.26
turn table controller	GTS	Dart-700 turn table controller		2025.7.27	2026.7.26
Broad-Band Horn Antenna	GTS	AT-6000	MA-D0460	2025.4.27	2026.4.26
Test Software	GTS	Libra Version-3.0.3.1		/	/

4. Test Configuration



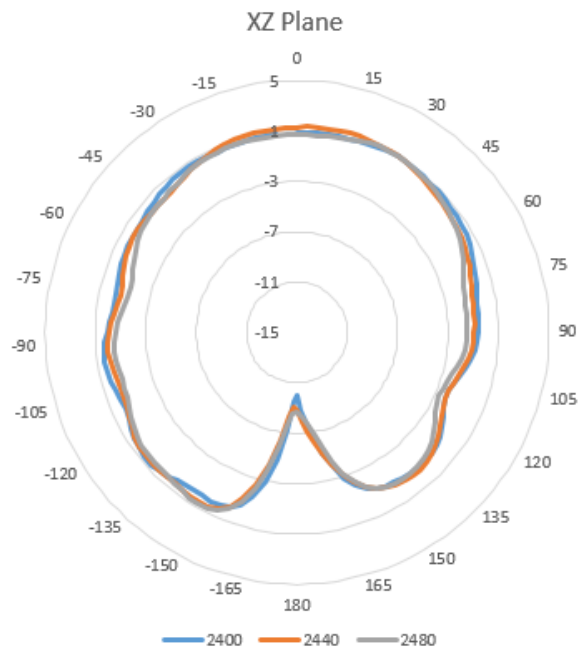
Test step flow:

- 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.

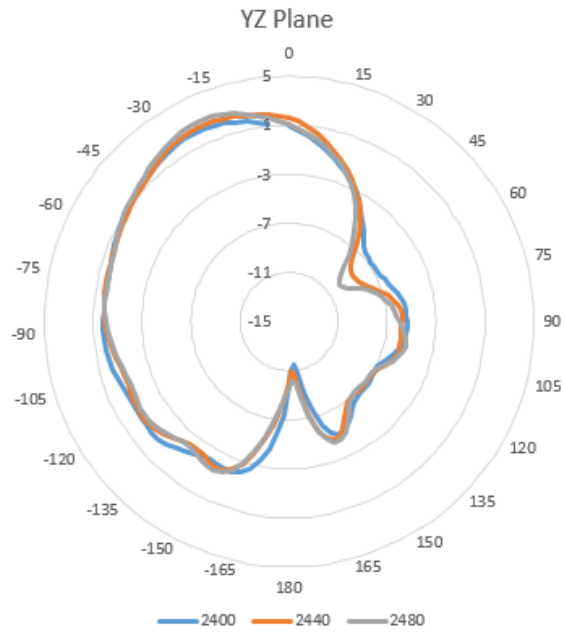


5. Test Result

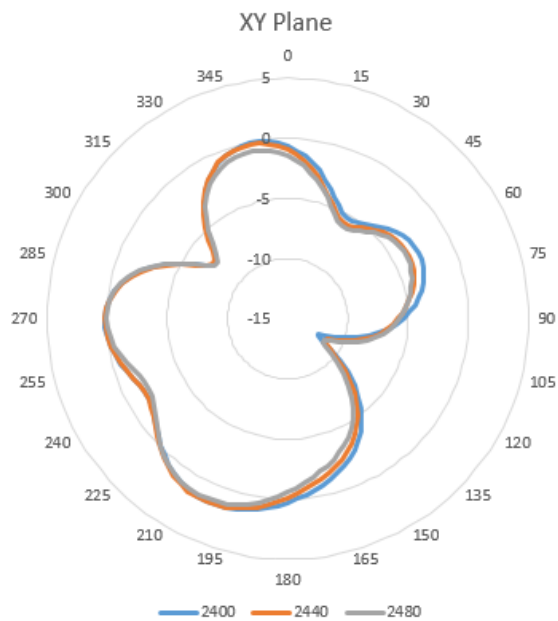
Freq(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	2.81	-0.99	79.61594
2410	2.82	-1.02	79.06786
2420	2.97	-1.04	78.70458
2430	3.13	-1.13	77.09035
2440	3.31	-1.12	77.26806
2450	3.33	-1.15	76.73615
2460	3.36	-1.19	76.03263
2470	3.49	-1.21	75.68329
2480	3.52	-1.25	74.98942



Channel(MHz)	Max.(dBm)	Min.(dBm)
2402	1.11	-10.56
2441	1.39	-9.13
2480	1.16	-8.71



Channel(MHz)	Max.(dBm)	Min.(dBm)
2402	2.2	-11.44
2441	2.49	-11.01
2480	2.9	-10.2



Channel(MHz)	Max.(dBm)	Min.(dBm)
2402	1.4	-11.96
2441	1.64	-11.44
2480	1.37	-11.57