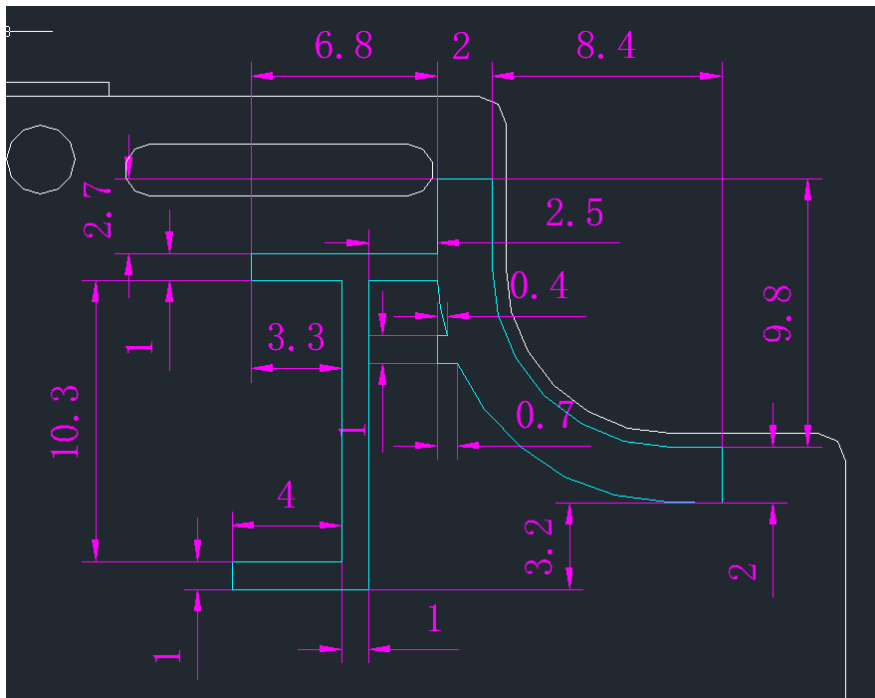


iBose Tang Antenna report

Applicant	1.Huizhou China Eagle Electronic Technology CO.,Ltd 2. Victory Giant Technology(Huizhou)Co.,Ltd.
Address	1. No.1 Zhongjing Road,Chenjiang Street,Zhongkai Hi-tech Zone, Huizhou City,Guangdong Province 2. Hangcheng Technology Park, Danshui Subdistrict, Huiyang District, Huizhou, Guangdong,China

Manufacturer or Supplier	1.Huizhou China Eagle Electronic Technology CO.,Ltd 2. Victory Giant Technology(Huizhou)Co.,Ltd.
Address	1. No.1 Zhongjing Road,Chenjiang Street,Zhongkai Hi-tech Zone, Huizhou City,Guangdong Province 2. Hangcheng Technology Park, Danshui Subdistrict, Huiyang District, Huizhou, Guangdong,China
Product	Bose Tang ANT
Brand Name	Bose
Model	Onbord
Max. Peak Gain	1.57dBi
Date of tests	2024-04-23
Tested by Chunlei Zhao	Approved by Qin Cai
	

1. Antenna Size (mm)



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

3. Test setup photo (Please refer to Antena photos document)

4. Test standard

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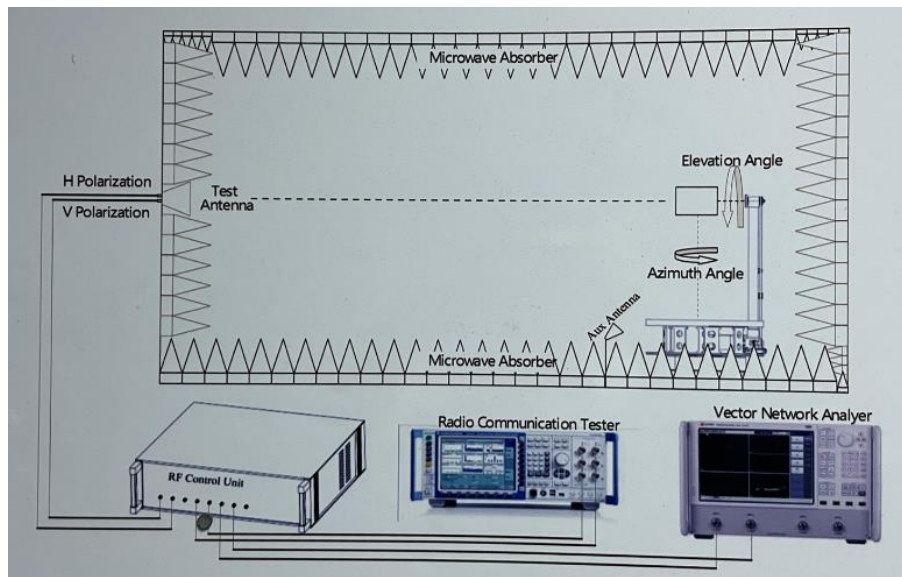
Antenna performance	Radiation efficiency	IEEE Standard Test Procedures for Antennas	ANSI/IEEE Std 149-1979
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5. Equipment list

Equipment	Manufacturer	Model No	Serial No.	Last Cal.	Due Date
Network Analyzer	Agilent	E5071C	MY46630767	2023.4.27	2024.4.26
Microwave chamber	GTS	GTS Maxsign-Dart7000		2023.4.27	2024.4.26
Turn table	GTS	Dart-700 turn table		2023.4.27	2024.4.26
turn table controller	GTS	Dart-700 turn table controller		2023.4.27	2024.4.26
Broad-Band Horn Antenna	GTS	AT-6000	MA-D0460	2023.4.27	2024.4.26

Test Software	GTS	Libra Version- 3.0.3.1		2023.4.27	2024.4.26
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6. Test configuration diagram

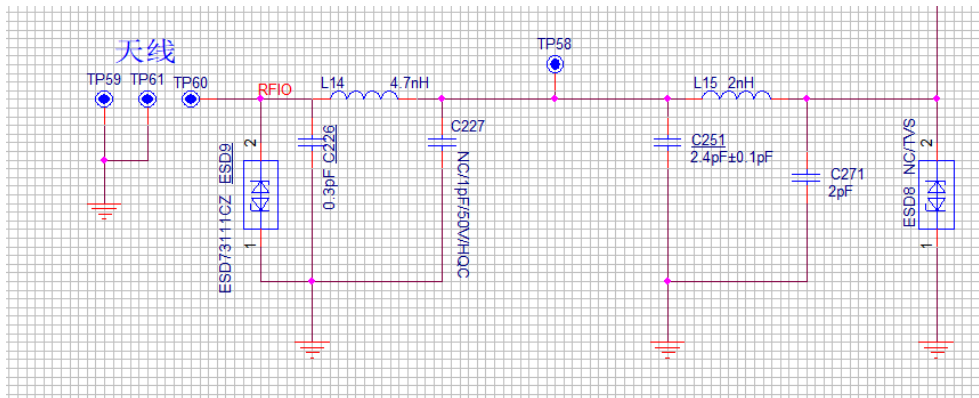


Test step flow:

- 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.

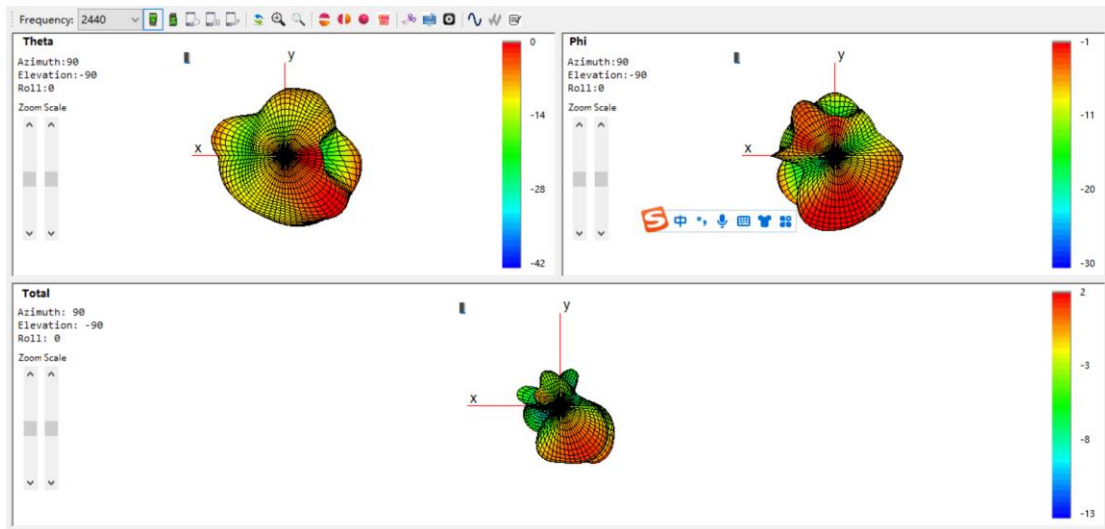
7. Antenna Matching circuit



8. Antenna gain

Freq(MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
2400	0.96	-4.26	37.48
2410	0.95	-4.39	36.35
2420	1.3	-3.94	40.3
2430	1.12	-4.21	37.85
2440	1.57	-3.79	41.74
2450	1.38	-4.11	38.72
2460	1.21	-4.15	38.44
2470	1.5	-3.89	40.78
2480	1.51	-3.84	41.26
2490	1.28	-3.98	39.93
2500	0.96	-4.11	38.79

9. Antenna test data



2440MHz

