

## 2. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

## 3. TEST EQUIPMENT LIST

Equipment	Manufacturer	Model	Cal. Date	Cal. Due
ANTENNA MEASUREMENT SYSTEM	ETS-Lindgren	AMS-8600	Nov. 19, 2024	Nov. 18, 2025
Network Analyzer	R&S	ZVL-6	Oct. 02, 2024	Oct. 01, 2025
Test software	ETS-Lindgren	EMQuest	Ver V1.12	N/A

#### 4. MEASUREMENT UNCERTAINTY

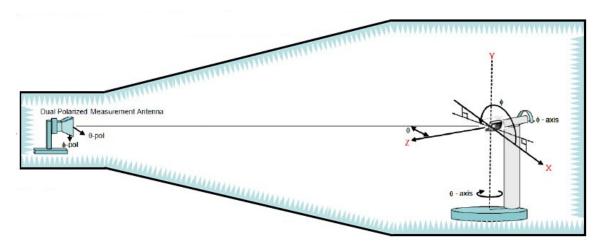
The uncertainty is calculated using the methods suggested in the "Guide to the Expression of Uncertainty in measurement" (GUM) published by CISPR and ANSI.

- Uncertainty of VSWR, Uc = ±1.5dB
- Uncertainty of Gain, Uc = ±0.8dB

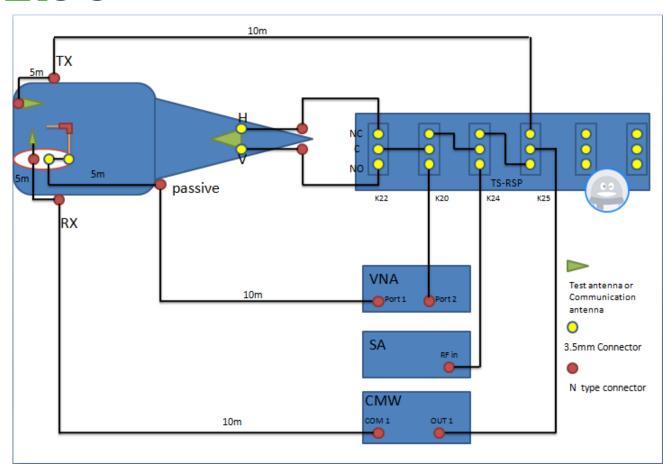
#### 5. TEST SUMMARY LIST

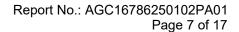
NO.	Test item	Remark
1	VSWR	<b></b>
2	Gain and efficiency	
3	Radiation pattern	

#### 6. TEST SETUP











## 7. TEST RESULTS

#### 7.1. **VSWR**

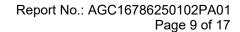
Frequency(MHz)	VSWR	
2402	1.052:1	
2450	1.062:1	
2477	1.077:1	
2480	1.071:1	





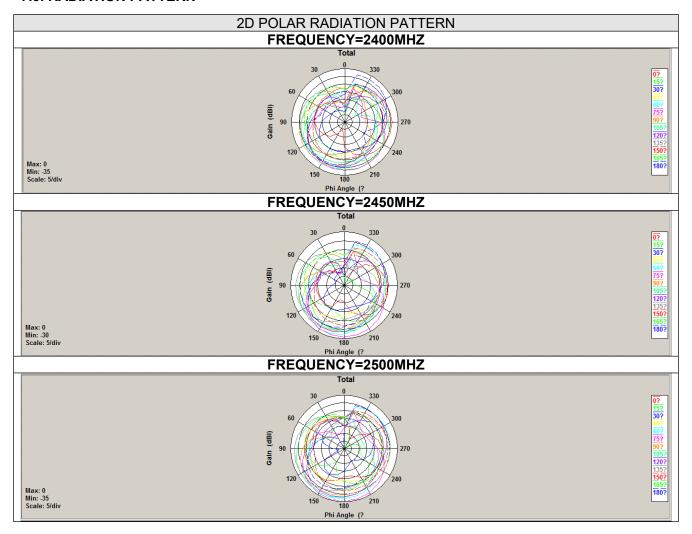
#### 7.2. GAIN AND EFFICIENCY

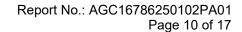
Frequency(MHz)	Efficiency(dB)	Efficiency(%)	Gain(dBi)
2400	-9.572	11.036	-2.842
2410	-9.077	12.367	-2.826
2420	-8.716	13.440	-2.306
2430	-8.307	14.767	-1.712
2440	-7.925	16.126	-1.382
2450	-7.823	16.510	-1.228
2460	-7.705	16.962	-0.869
2470	-7.825	16.500	-0.975
2480	-7.663	17.126	-0.942
2490	-7.505	17.763	-0.673
2500	-7.478	17.872	-0.636



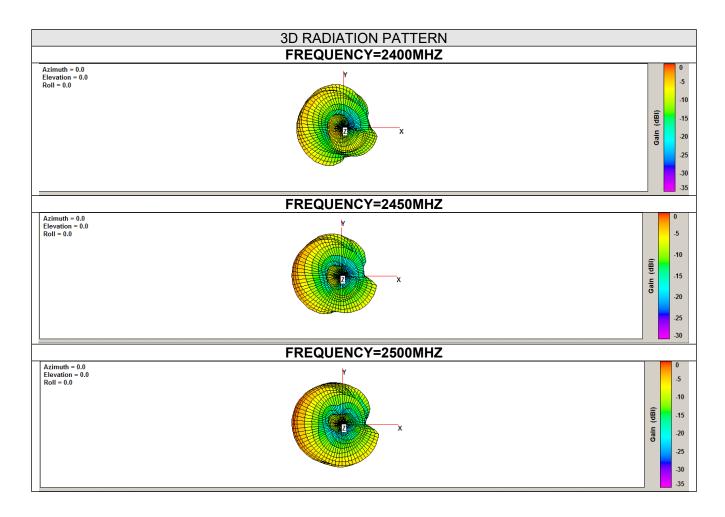


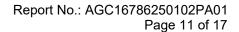
## 7.3. RADIATION PATTERN





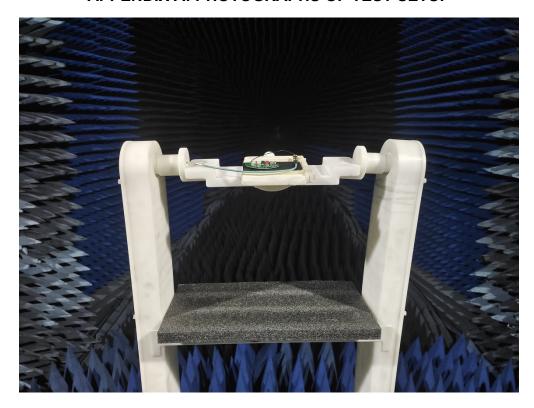






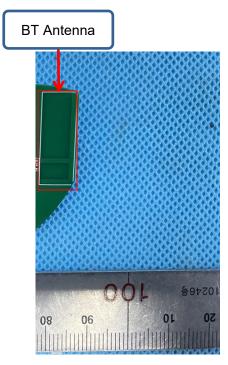


## APPENDIX A: PHOTOGRAPHS OF TEST SETUP



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# INTERNAL VIEW OF EUT (FIGURE 2)



----END OF REPORT----