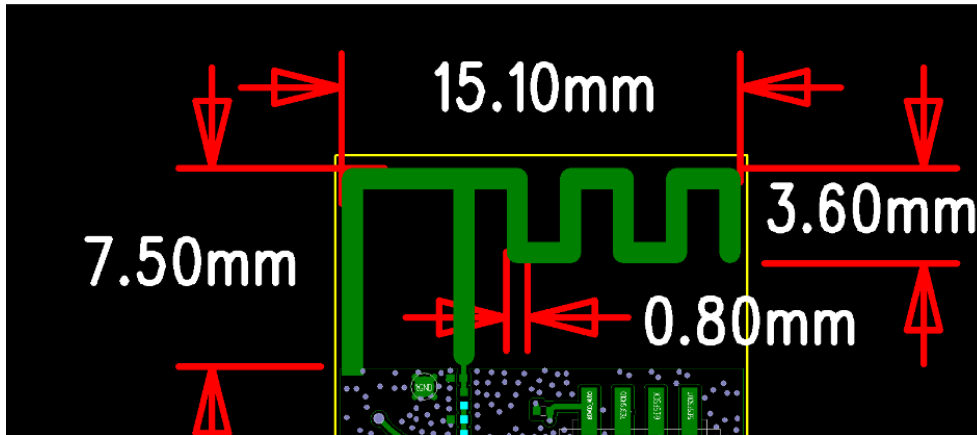


YY7861E Antenna report

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

Manufacturer or Supplier	Sunitec Enterprise Co., LTD.
Address	Building C No.725, WeiXiangTai Industrial zone, FuCheng street , LongHua district, ShenZhen, GuangDong, China
Product	YY7861E
Brand Name	SONY
Model	NA
Max. Peak Gain	3.8dBi
Date of tests	2021.02.22
Tested by	Approved by
	

1. Antenna Size (mm)



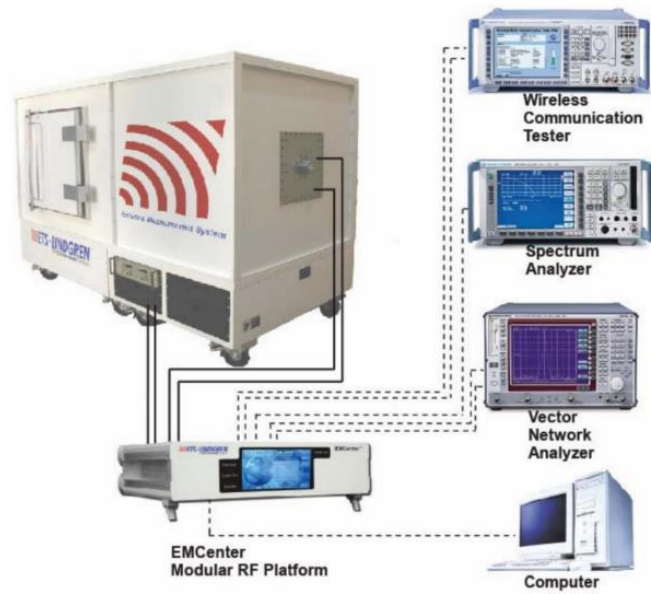
2. Test standard

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
VECTOR NETWORK ANALYZER	Agilent	E5071C		2023.10.26	2024.10.25
Antenna Measurement System	ETS-Lindgren	AMS-8050		2023.10.26	2024.10.25

4. Test configuration diagram



5. Antenna gain

Freq(MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
2400	2.8	-0.9	81.4
2410	2.7	-0.8	83.7
2420	2.9	-0.7	84.6
2430	3.3	-0.6	86.9
2440	3.8	-0.4	90.2
2450	3.7	-0.4	91.5
2460	3.4	-0.3	92.5
2470	3.4	-0.3	94.1
2480	3.4	-0.3	92.6

6. Antenna 2D/3D Radiation Pattern

