



itec®

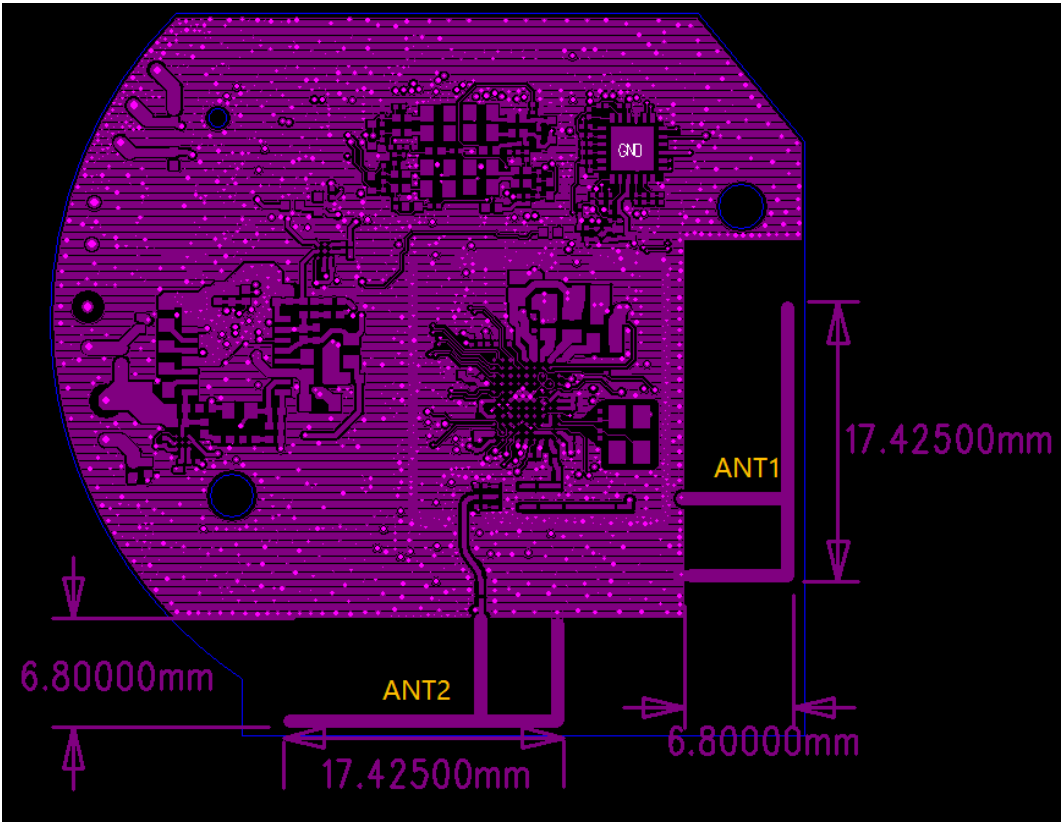
深圳市丰禾原电子科技有限公司
SUNITEC ENTERPRISE CO.,LTD.

EA207(RTX_2.4GHz) Antenna SPEC

Tester: Lite Mo
Test data: 2023.3.13



Product Appearance:





Test equipment:

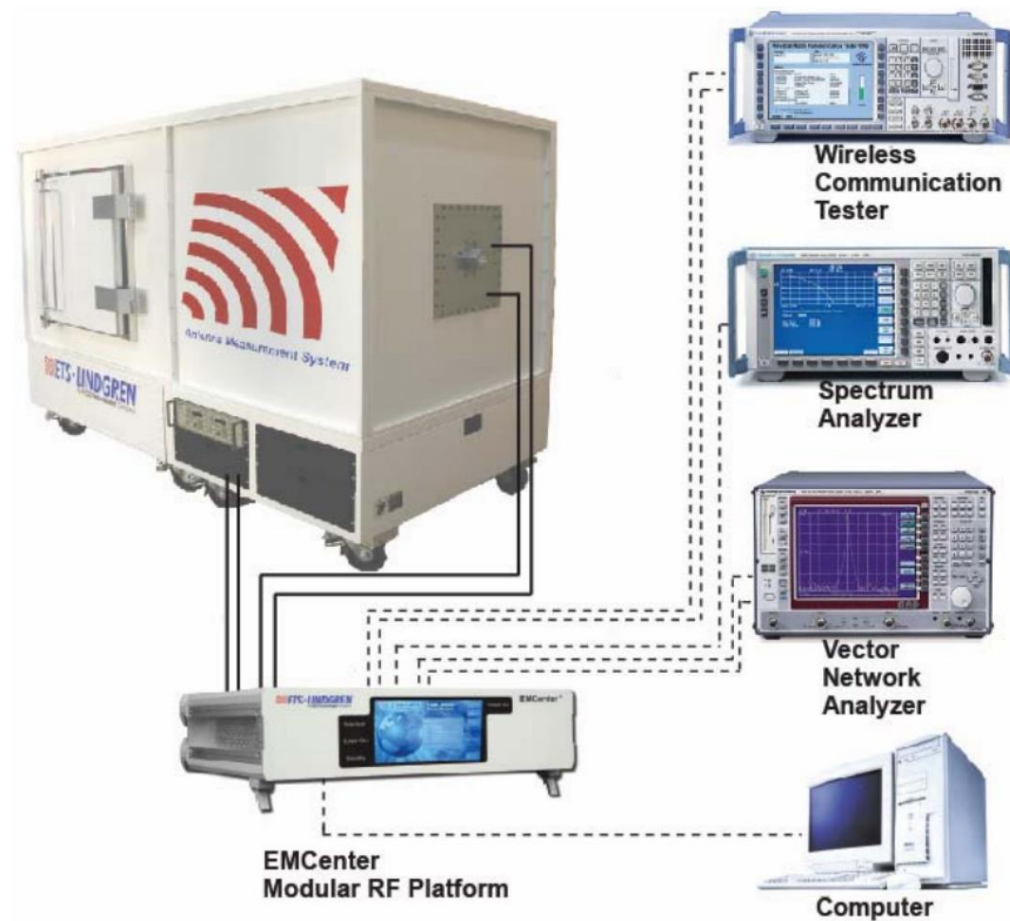
1. VECTOR NETWORK ANALYZER

Agilent E5071c

2. Antenna Measurement System

ETS-Lindgren Antenna Measurement System

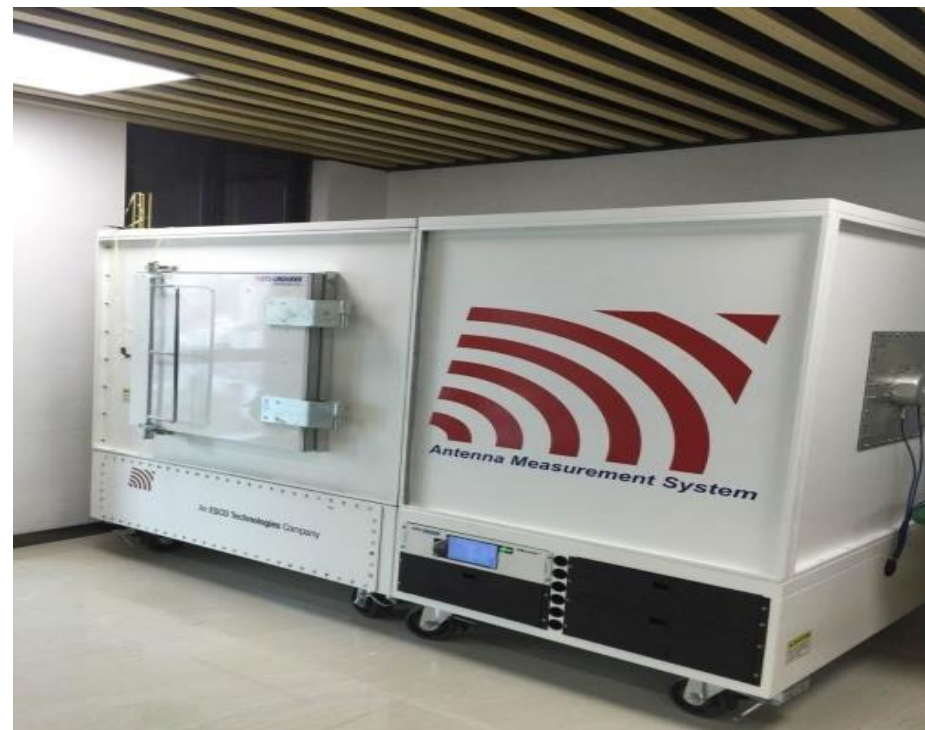
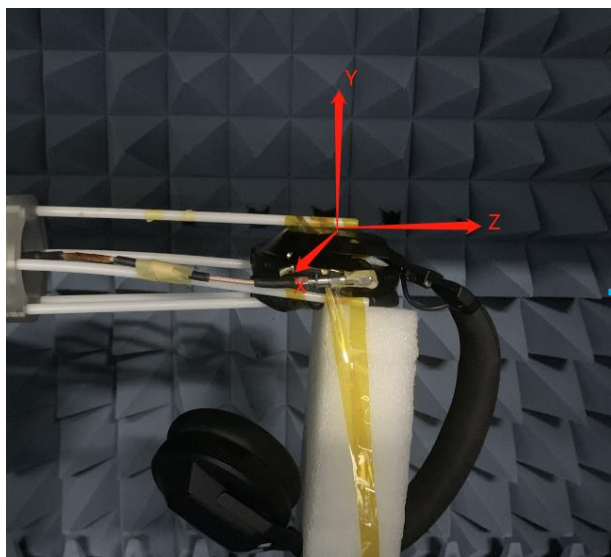
ETS-Lindgren Antenna Measurement System Configuration





ANT Test Settings:

(EA207)





Electrical Characteristics:

ANT1

Antenna Model Name	PCB Layout Antenna
Working Frequency Range	2450+/-50MHz
Impedance	50Ω
Max Efficiency(%)	50.82%@2476MHz
Max Gain(dBi)	0.97dBi@2470MHz

Frequency(MHz)	Efficiency (%)	Gain (dBi)
2402	40.02	0.31
2441	44.78	0.15
2480	50.59	0.84

ANT2

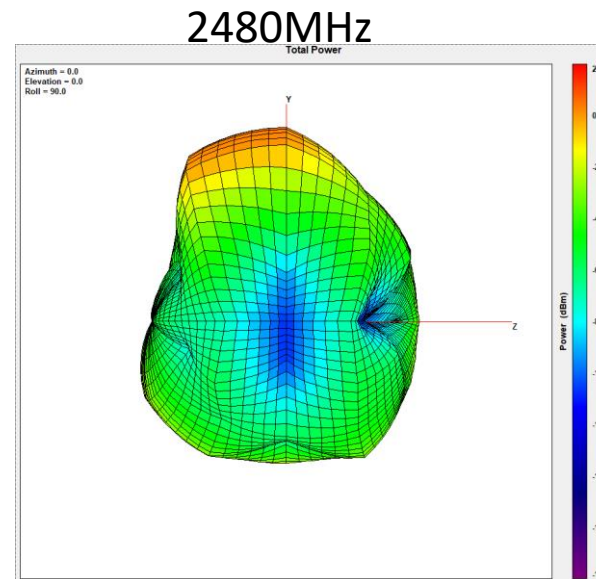
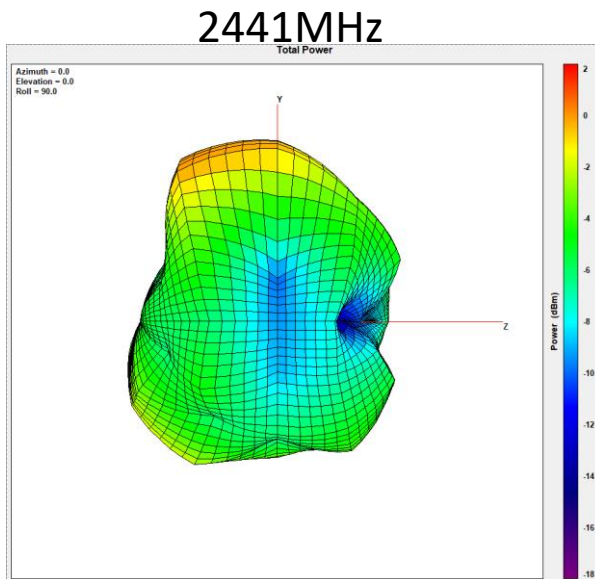
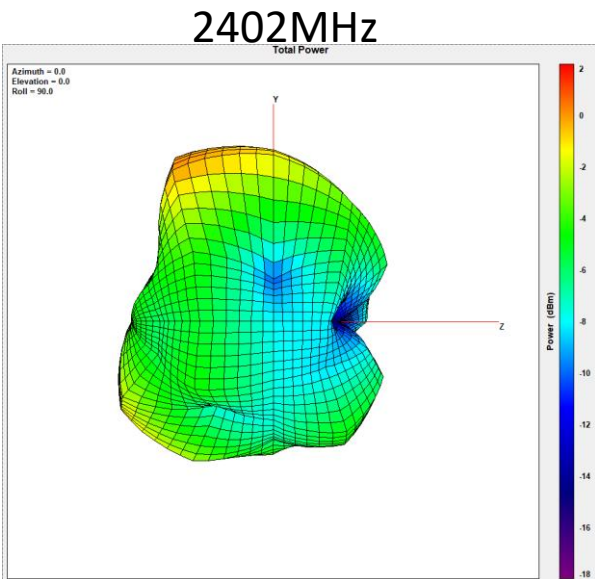
Antenna Model Name	PCB Layout Antenna
Working Frequency Range	2450+/-50MHz
Impedance	50Ω
Max Efficiency(%)	42.09%@2413MHz
Max Gain(dBi)	1.34dBi@2413MHz

Frequency(MHz)	Efficiency (%)	Gain (dBi)
2402	41.00	1.28
2441	39.60	0.98
2480	36.99	0.50

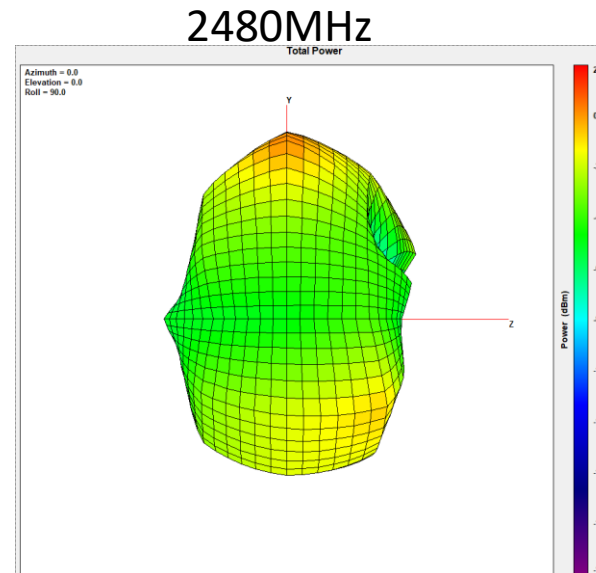
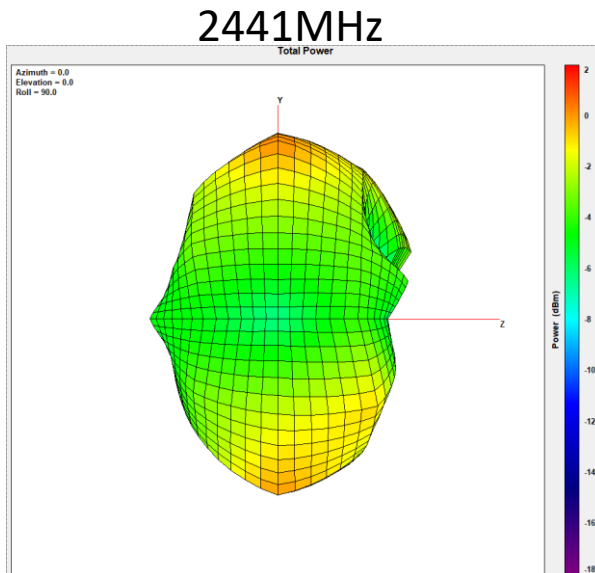
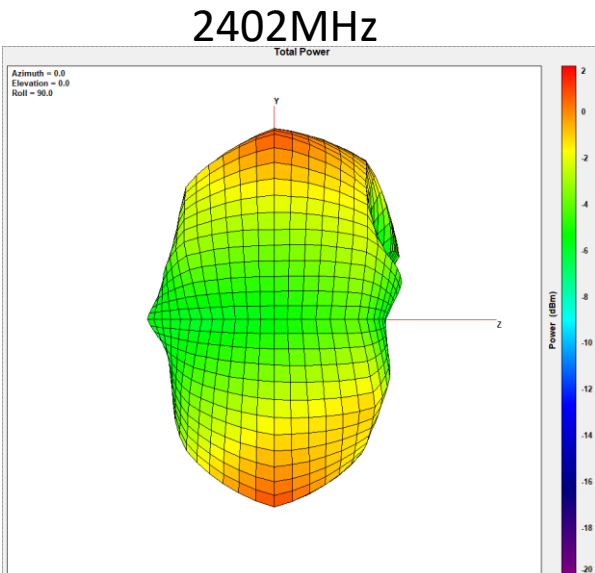


3D Radiation Pattern :

ANT1



ANT2



Thanks