

Bluetooth / WIFI Antenna Test Report

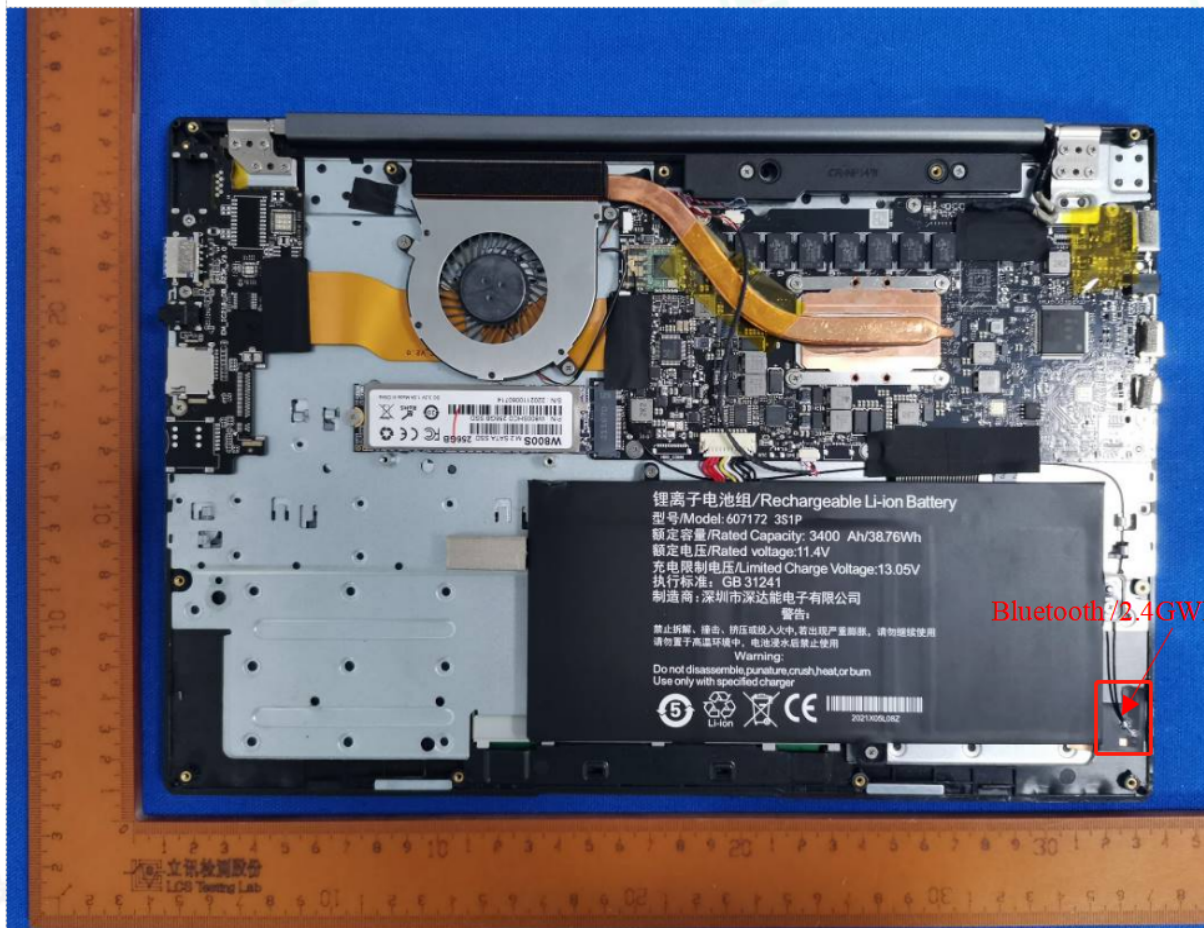


Customer	明弘
Project	YD118
Antenna Revision	A0
Product Description	FPC+ CABLE
Product No	

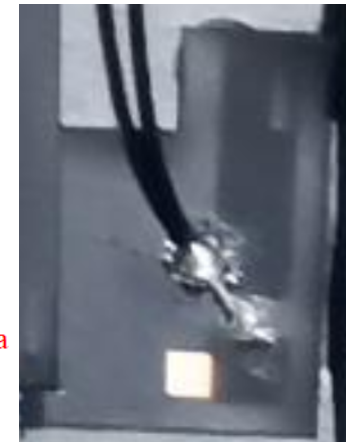
Prepared by : tongbin xu
18620300278

Checked by : Grant_Dou

1. Product Overview & Dimension

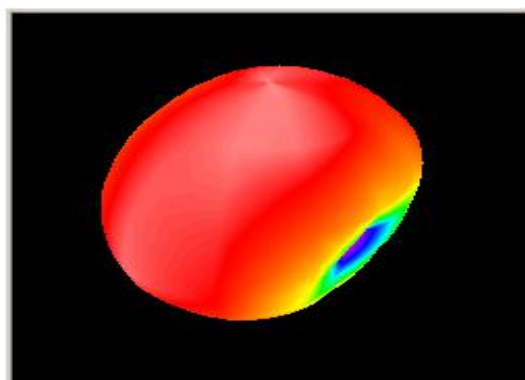
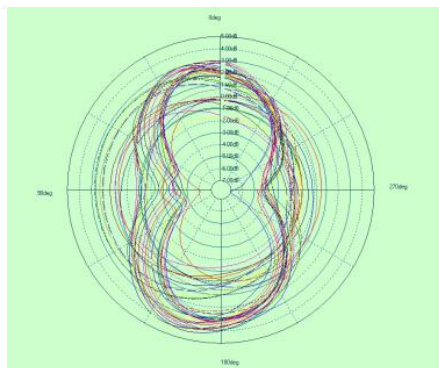
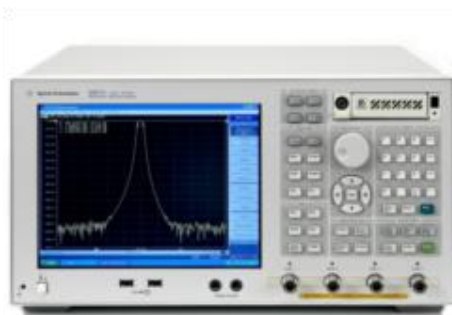


Bluetooth/WiFi Antenna

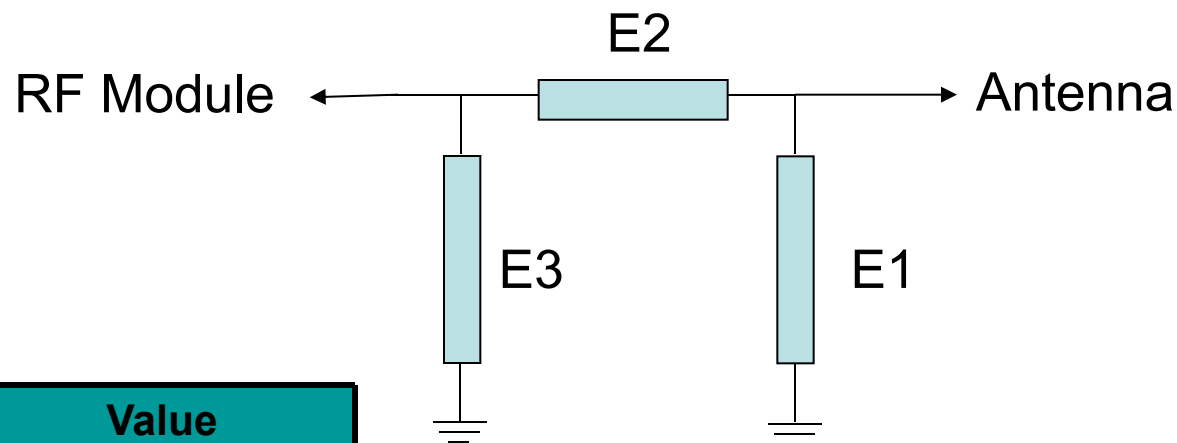


2. Test System

Sequence Number	Test Item	equipment
1. S parameter	VSWR	Agilent 5071C & Agilent 5062A
2. OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
3. Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



2.1 Antenna Matching Network



Element	Value
E1(0402)	NC
E2(0402)	NC
E3(0402)	NC

PCB board end matching circuit is not changed

2. Test Result

2.1 VSWR



Frequency (MHz)	2400	2450	2500	4900	5150	5850
VSWR	2.23	1.25	1.22	1.40	1.19	1.25

2. Test Result

2.3 *GAIN & Efficiency*

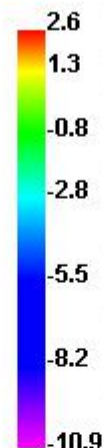
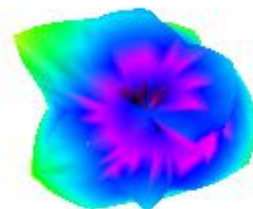
Frequency(MHz)	Efficiency (%)	Average GAIN(dB)	Peak GAIN (dBi)
2400	49.04	1.55	1.56
2450	49.18	1.58	1.60
2480	48.88	1.53	1.52

2. Test Result

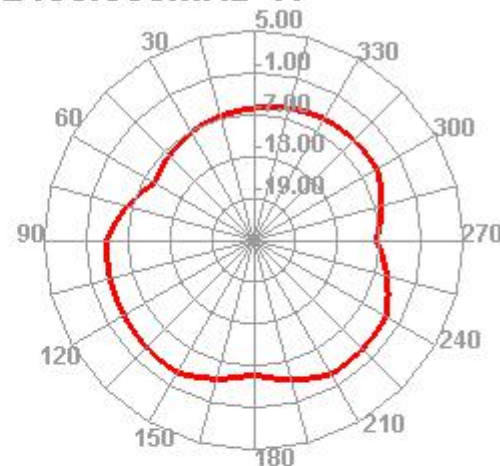
2.4 3D DATA



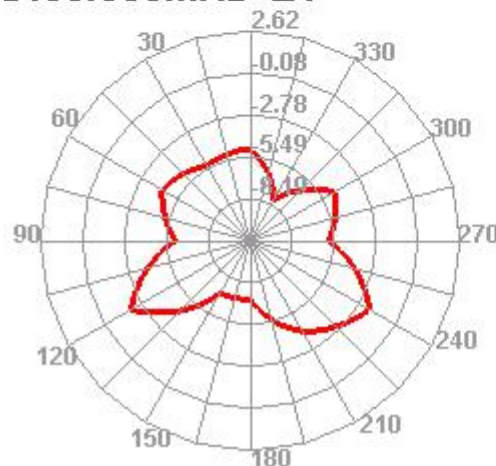
2450.000MHz



2450.000MHz H



2450.000MHz E1



2450.000MHz E2

