



Applicable to Q161-L610-EU/LA project wifi antenna solution

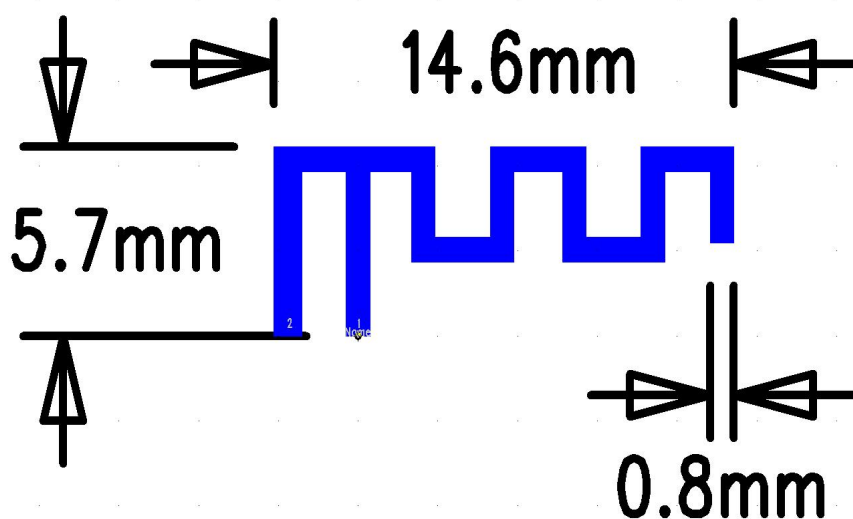
Electrical Specifications:

Frequency Band	4G	The Antenna Material	PCB
Nominal Impedance	50 Ω	Antenna Connection Mode	\
VSWR	≤ 5.0	Working Temperature	-40°C ~ +85°C
Peak Gain	2400-2500MHz: 0.65dBi	Keep The Temperature	+19°C ~ +23°C
		Polarization	Linear Polarization

Test Conditions And Methods:

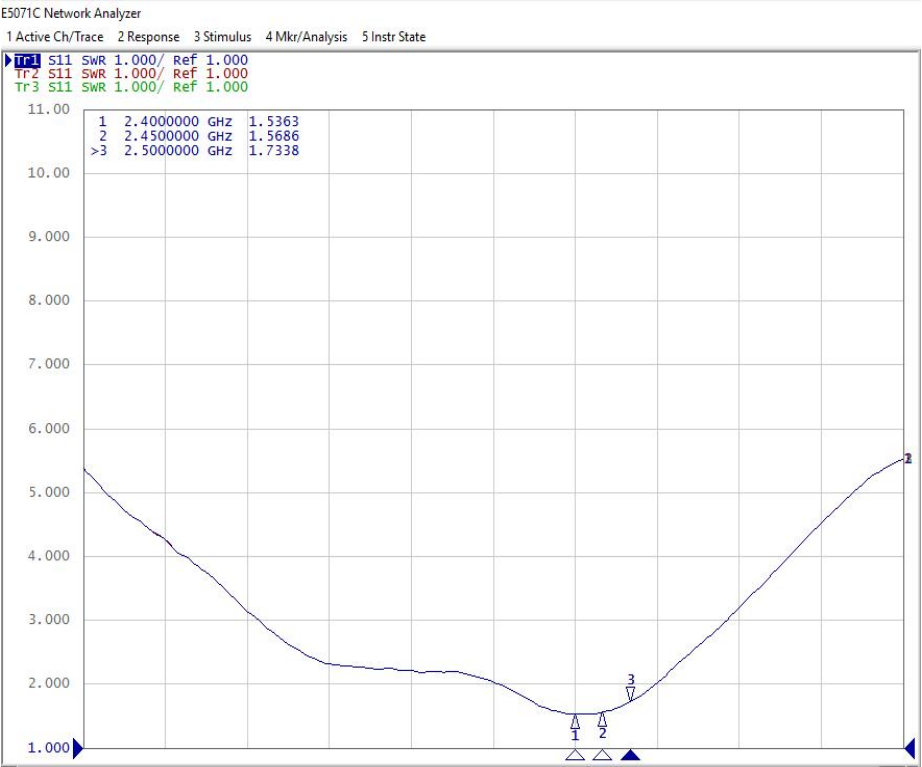
Test Instruments	Test Method	Test Result
7*4*3 microwave darkroom E5071B network analyzer MT8862 comprehensive tester	1.Assemble the antenna to be tested on the prototype. 2.Put the prototype on the test fixture in a dark room, and conduct comprehensive test with it. Instrument/analyzer connection is established. 3.Test antenna passive data with test software.	Refer to the Test Report

Product drawings



Passive performance test parameters

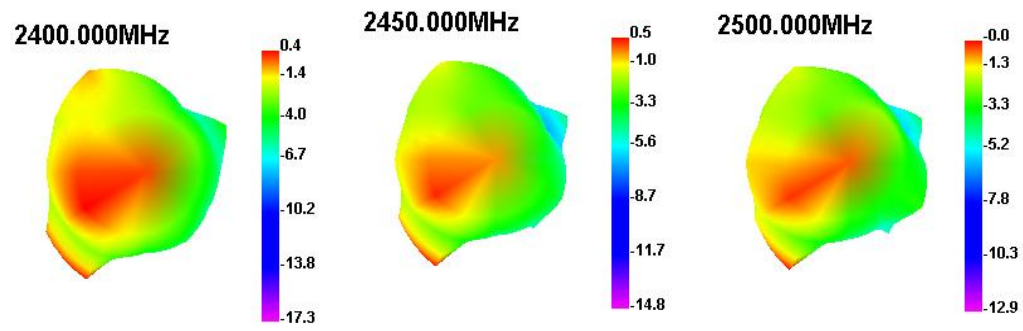
Frequency (GHz)	2.4	2.45	2.5
VSWR	1.5363	1.5686	1.7338



antenna passive data:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	37.46	0.4
2410	37.71	0.44
2420	37.9	0.47
2430	37.36	0.52
2440	38.07	0.65
2450	38.26	0.54
2460	38.55	0.37
2470	36.61	-0.04
2480	36.19	-0.17
2490	37.37	-0.08
2500	37.95	-0.04

Directional diagram



Picture of machine

