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Applicable to V66 project WIFI antenna solution

Electrical Specifications:

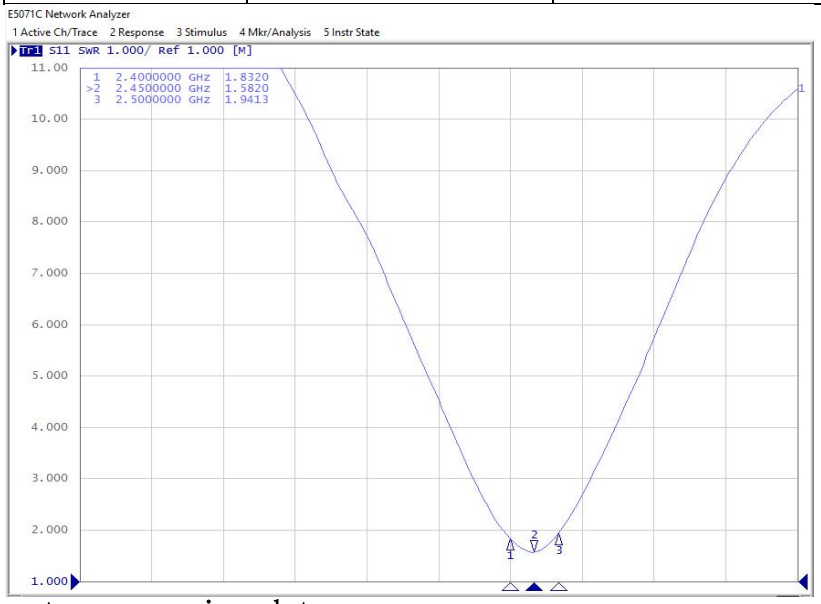
Frequency Band	WIFI	The Antenna Material	PCB
Nominal Impedance	50Ω	Antenna Connection Mode	
VSWR	≤3.0	Working Temperature	-40℃～+85℃
Peak Gain	2400-2500MHz：0.76	Keep The Temperature	+19℃～+23℃
		Polarization	Linear Polarization

Test Conditions And Methods:

Test Instruments	Test Method	Test Result
7*4*3 microwave darkroom E5071B network analyzer 48 probe test system 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

Passive performance test parameters

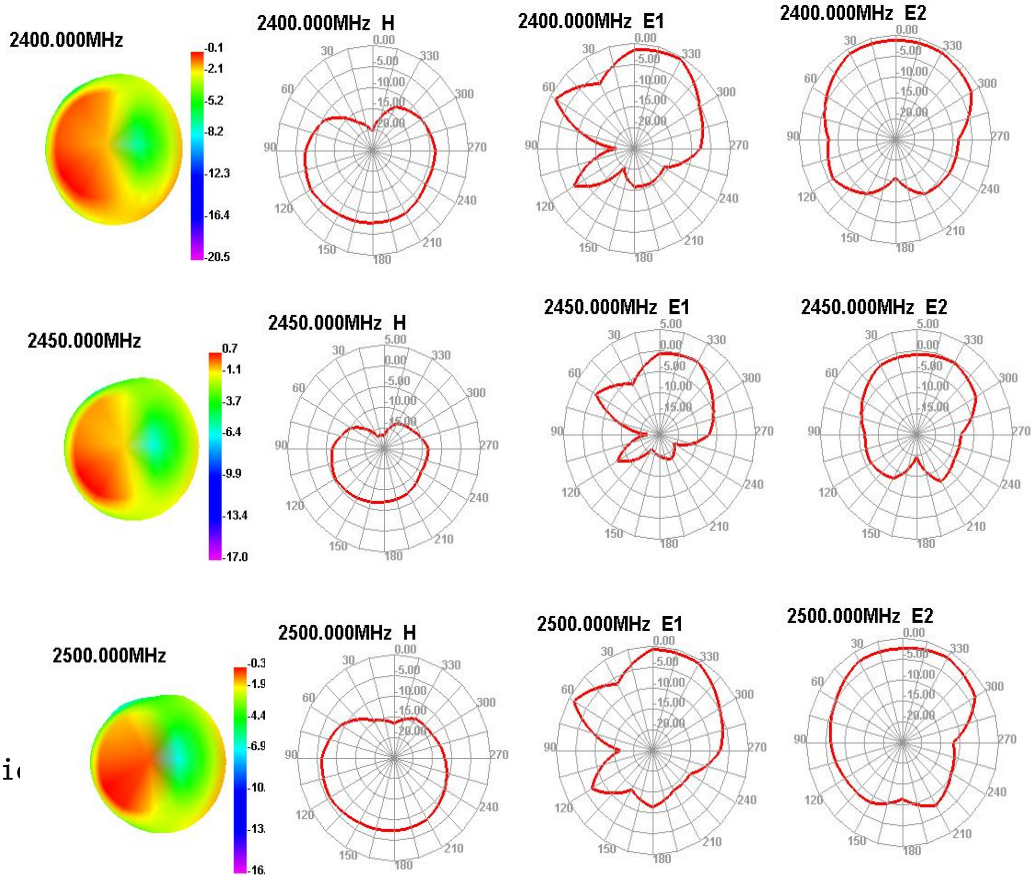
Frequency(GHz)	2.4	2.5
VSWR	1.8	1.94



antenna passive data:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	31.56	-0.07
2410	34.72	0.35
2420	34.37	0.25
2430	36.12	0.57
2440	35.02	0.39
2450	35.32	0.68
2460	34.36	0.63
2470	35.27	0.76
2480	32.82	0.31
2490	34.15	0.46
2500	30.28	-0.31

Directional diagram



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