



Applicable to ASD18 project WIFI antenna solution

Electrical Specifications:

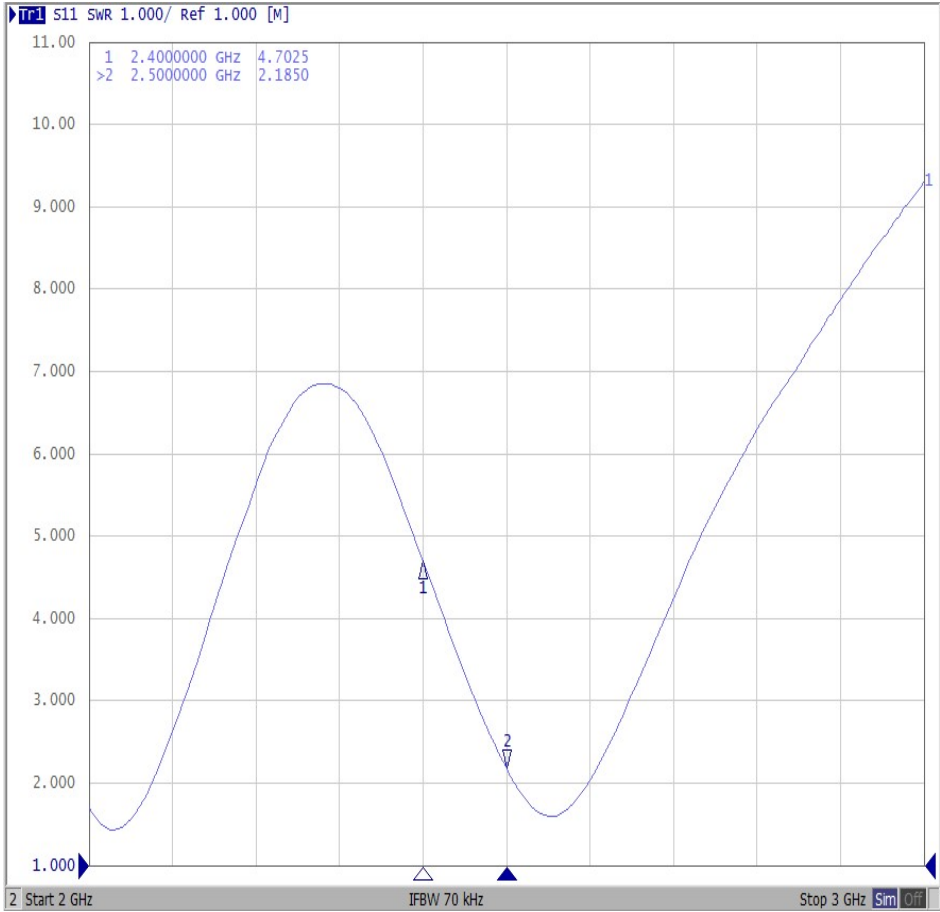
Frequency Band	2.4GG	The Antenna Material	PCB
Nominal Impedance	50Ω	Antenna Connection Mode	Top touch
VSWR	≤5.0	Working Temperature	-40℃~+85℃
Peak Gain	2.4-2.5GHz: -4.33dBi	Keep The Temperature	+19℃~+23℃
		Polarization	Linear Polarization

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 (MHz)	2400	2500	
VSWR	4.70	2.19	



antenna passive data:

Freq (MHz)	Effi (%)	Gain (dBi)
2400	13.32	-5.61
2410	14.41	-5.07
2420	14.69	-4.83
2430	15.92	-4.33
2440	16.57	-4.51
2450	16.1	-4.8
2460	15.83	-5.02
2470	15.94	-5.11
2480	17.3	-4.71
2490	17.97	-4.44
2500	17.63	-4.53

Directional diagram

