



天线规格

Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	4.6 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

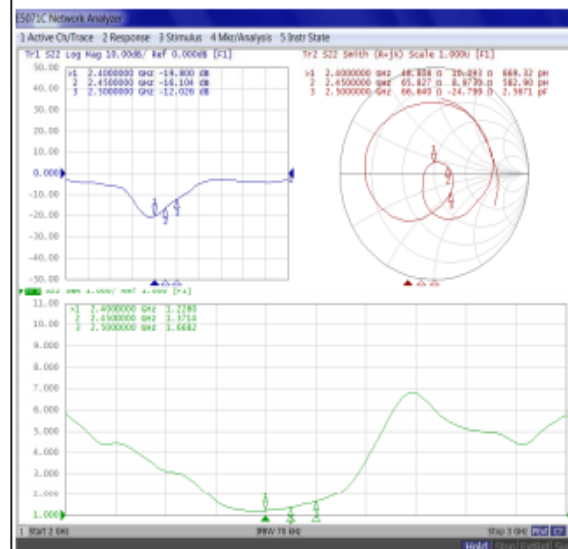
ANT Type	Dipole
Cable Type	O.D.1.13mm
Cable Length	245mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

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Antenna Performance Test

Agilent
E5071C
S
Parameter
Test //
2.4G
Antenna



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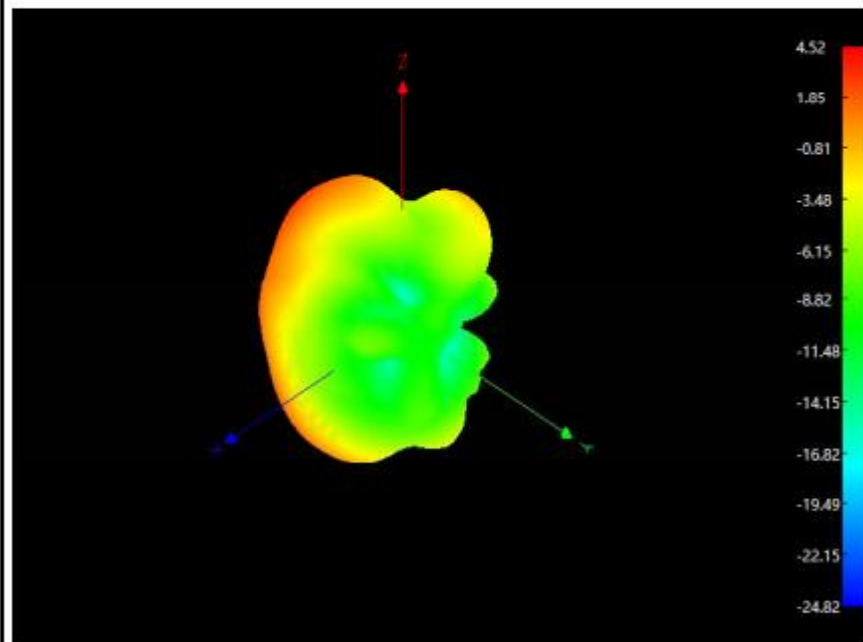


Passive Test For 2.4G Antenna

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	53.2	-2.7	4.3
2410	53.1	-2.8	4.5
2420	51.1	-2.9	4.3
2430	50.0	-3.0	4.5
2440	49.1	-3.1	4.3
2450	50.0	-3.0	4.5
2460	47.2	-3.3	4.2
2470	47.0	-3.3	4.6
2480	43.6	-3.6	4.1
2490	43.6	-3.6	4.2
2500	40.4	-3.9	3.4

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Radiation Pattern For 2.4G Antenna (2450MHz)

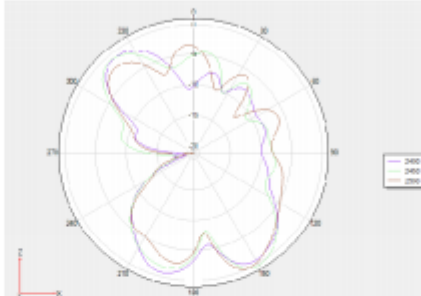


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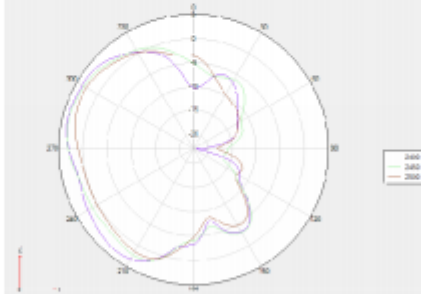


Radiation Pattern For 2.4G Antenna

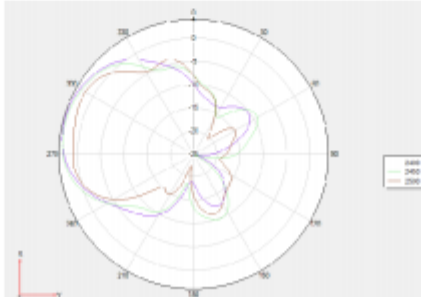
Phi 0°



Phi 90°



Theta 90°



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Active Test For WIFI Antenna

Band	Channel	Data Rate	TRP	Data Rate	TIS
WIFI 2.4G 802.11b	1	11Mbps	16.0	11Mbps	-83.5
	7		16.0		-83.0
	13		15.8		-84.0
WIFI 2.4G 802.11g	1	54Mbps	16.8	54Mbps	-70.2
	7		16.6		-70.5
	13		16.3		-71.0
WIFI 2.4G 802.11n	1	65Mbps	13.5	65Mbps	-67.6
	7		13.5		-67.1
	13		13.5		-66.5

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Antenna appearance

