

Model Name: WiTalk9-SMH

Frequency: (2402~2480MHz)

Antenna Type: Chip Antenna

Manufactor: Dongguan hekan electronics co. LTD

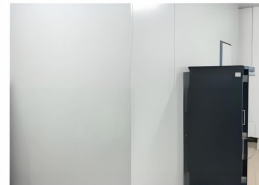
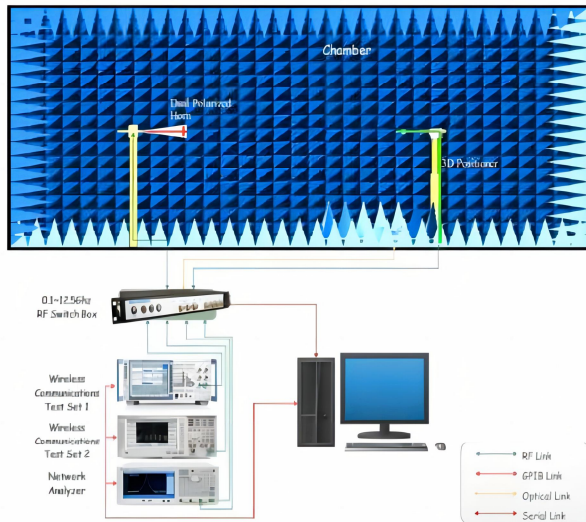
Address: 1st floor, building C, yuanchuang power industrial park, no.24 tangjiao road,
changping town, dongguan city, guangdong province, China

Antenna matching report

DIRECTORY	
NO	PROJECT
1	Test equipment and conditions
2	Match parameters
3	Antenna S parameter
4	Passive data

Antenna matching report

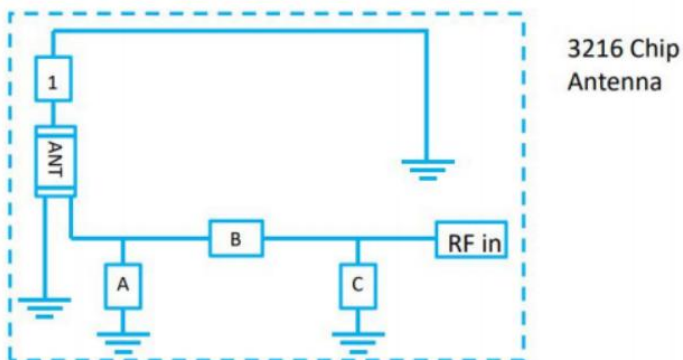
1、 Test equipment and conditions



QUIPMENT	BRAND	MODULE
Network analyzer	Agilent	E5071C
Signal Generator	ROHDE&SCHWARZ	CMW-500
Switch	GuangPing	SW-2
Anechoic chamber	Guangping	OTA-533

Antenna matching report

2、 Match parameters

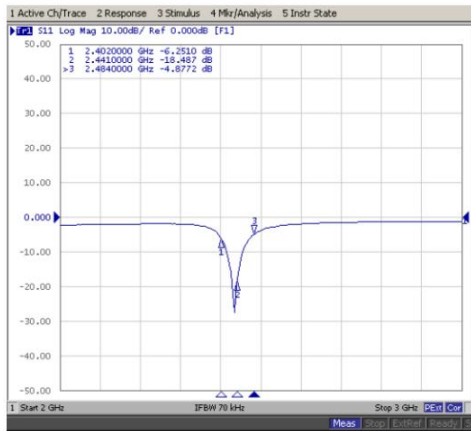


NO	Product	Description
1	Capacitor	0402 3.9pF ± 0.1 pF 50V
A	Capacitor	NC
B	Resistor	0402 0R $\pm 5\%$
C	NC	0402 1.2pF ± 0.1 pF 50V

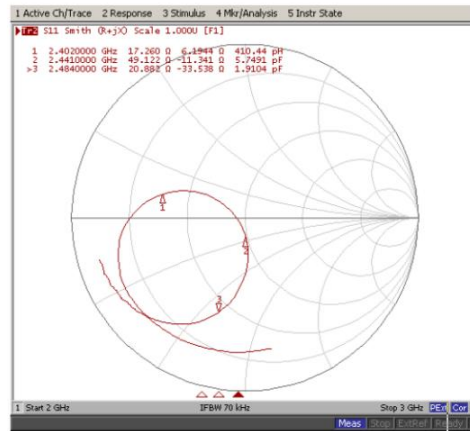
Antenna matching report

3. Antenna S parameter

Return Loss



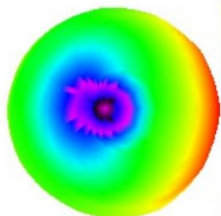
Smith (R-jx)



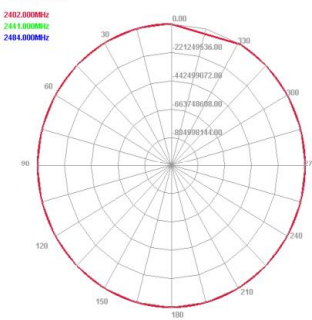
Antenna matching report

4. Passive data

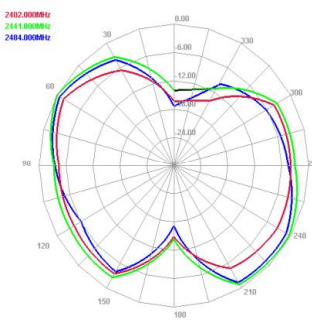
2441.000MHz



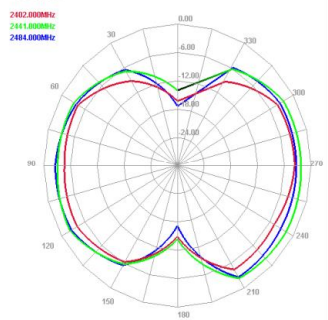
Horizontal



E1 Face



E2 Face



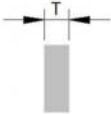
Frequency	Efficiency(%)	Gain(dBi)
2402MHz	25.04	-1.19
2441MHz	38.1	-0.21
2484MHz	20.1	-3.35

Dimension and Terminal Configuration

Top



Side



Dimension (mm)	
L	3.20+-0.15
W	1.60+-0.15
T	0.60+-0.10
D	0.50+-0.15

No.	Terminal Name
1	Feeding
2	Ground

(1)

(2)



Bottom

