

SPECIFICATION

for

EXTEC-FHM(FCC) 2.4G Thumb Glue Stick Antenna

Customer No.

Product No.

KEWT-EXTEC-FHM(FCC) 2.4G Thumb Glue Stick

Antenna(RP-SMA-J)-28MM

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1. Bilateral Confirmation page

1.1 Customer signature

Customer :

Separtment/post	Sign	Date
Hardware Engineer/RD		
Mechanical/MD		
Project Manager/PM		
Commercial/Puchasing		
Checker		

1.2 Signature of ShuoDian Technology company

Separtment/post	Sign	Date
Antenna Engineer/RD		
Mechanical/MD		
Project Manager/PM		
QA		
Checker		

2. General

2.1 Scope of application

This specification is only applicable to 2.4G WIFI antenna

2.2 Operating temperature range

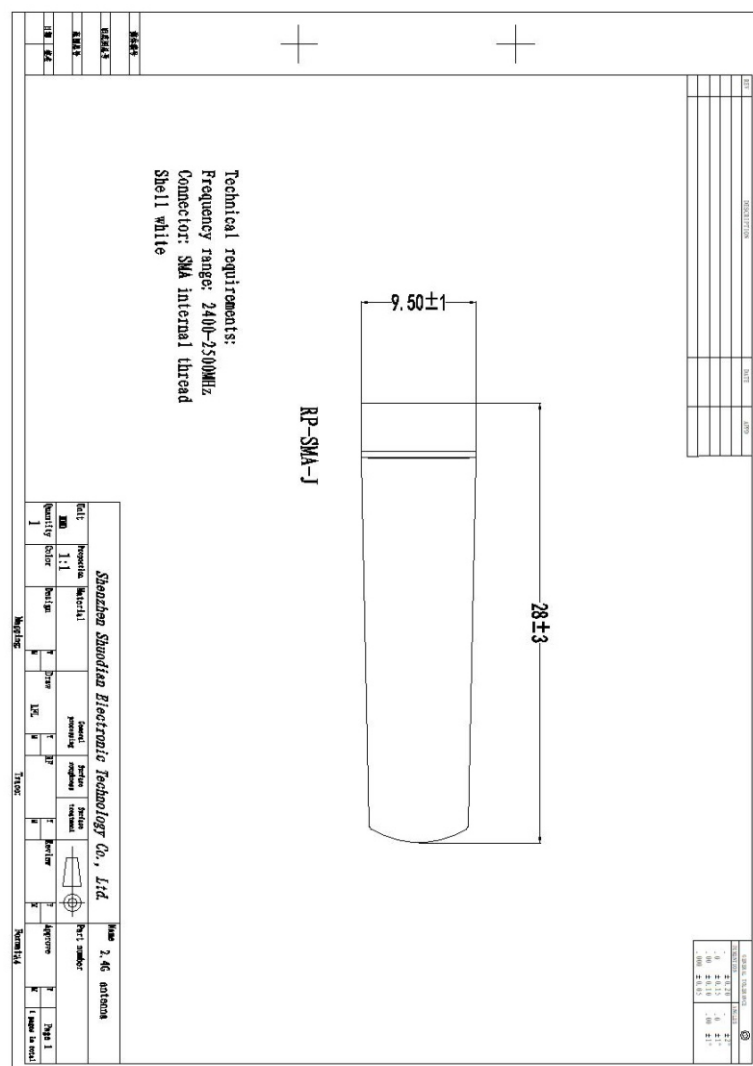
Temperature range of this product: -20 ~ +65 °C

2.3 Storage temperature range:

This product is stored at - 30 ~ + 75 °C

3. General product specifications

NO.	ITEMS	DETAILS
1	Type	2.4G WIFI antenna
2	Operating Frequency Band	2400-2500MHz
3	VSWR	≤1.3
4	GAIN	3.51 dBi
5	Impedance	50Ω
6	Antenna Type	External glue stick antenna
7	Antenna composition	glue stick
8	Entity Picture	



4.2 Electric Performance

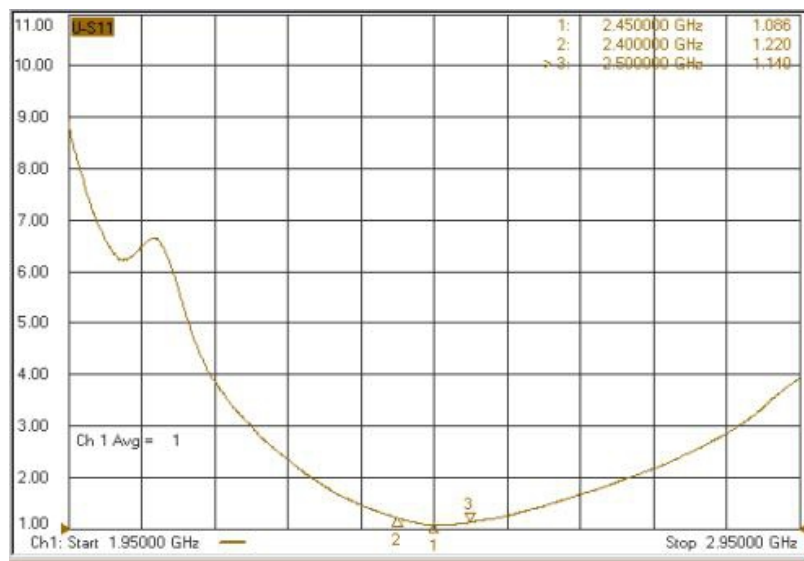
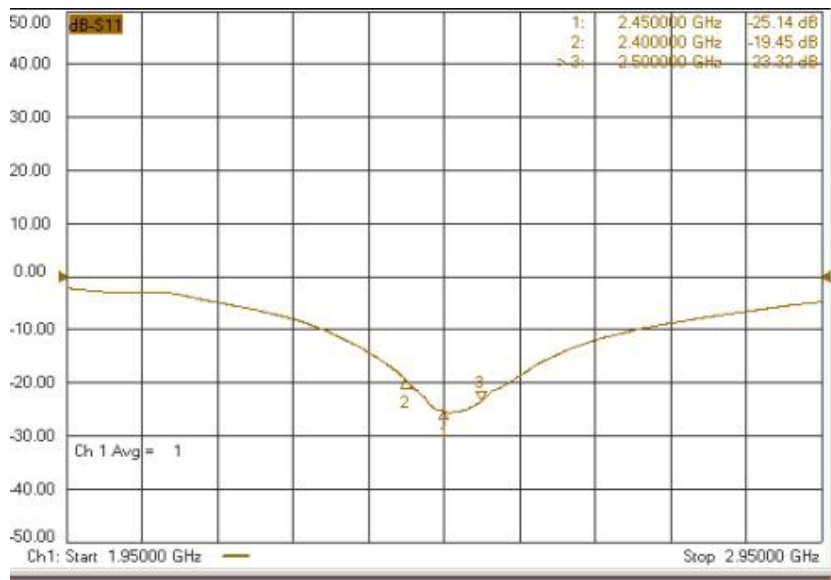
4.21 Test condition

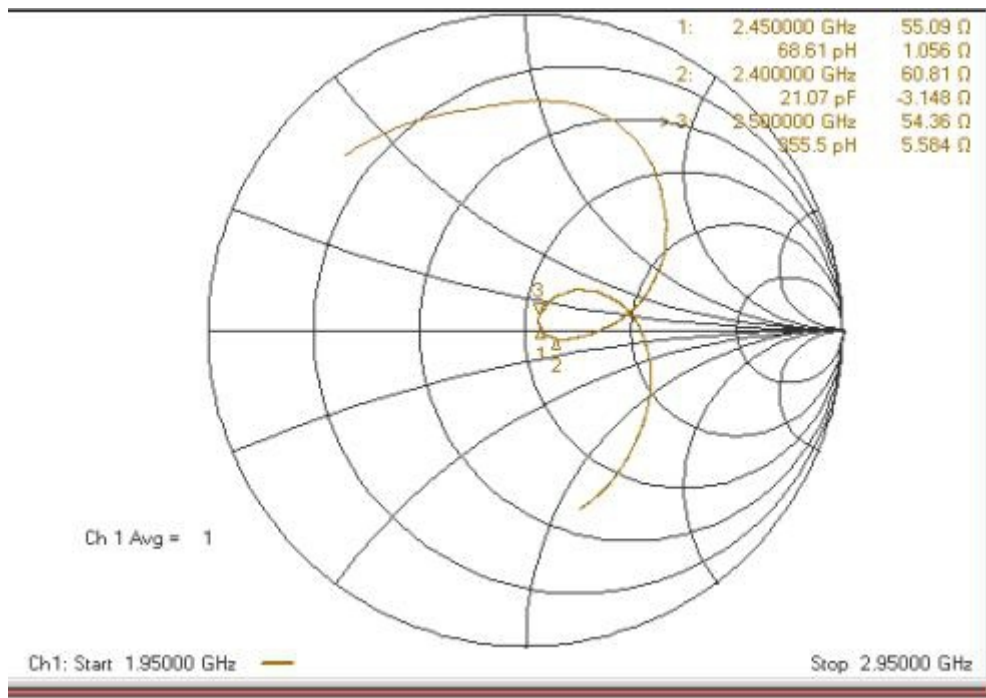
Environment :	Equipment :
Temperature : 10°C——+30°C	Network Analyzer: KEYSIGHT E5071C
Humidity : ≤80% (+40°C)	Multi-probe microwave anechoic
Atmospher : 750mmkg±30mmkg	chamber

4.22 Test Data for Electrical Performance:

4.22.1 S11 of the Antenna:

Marker	2400MHz	2450MHz	2500MHz
Returnloss	-19.4	-25.1	-23.3
VSWR	1.2	1.0	1.1





4. 22. 2 Passive gain, efficiency and Radiation Pattern:

Frequency(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	3.45	3.30	3.37	3.33	3.44	3.48	3.51	3.45	3.49	3.50	3.47
Efficiency (%)	58.6	56.2	57.1	56.9	58.3	58.4	58.6	58.0	58.7	59.4	59.3

Radiation Pattern 2450MHz

@2450MHz

