



Shenzhen DEWEIMA Communication Equipment Co.Ltd

SPECIFICATION SHEET FOR APPROVAL

CUSTOMER NAME	Tai Shi Da
CUSTOMER P/N	H2037
PART NAME	2400-2500M Antenna
Material code	
APPROVAL REV.	H2037-2.4G-WIFI

CONTRACTOR			DATE : 2025-9.15
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED
GAO CHUN YAN	LUO WEI PING	YOU SHUANG LIN	LIU HAI PING

CUSTOMER		DATE :
Approved By	Checked By	Prepared By

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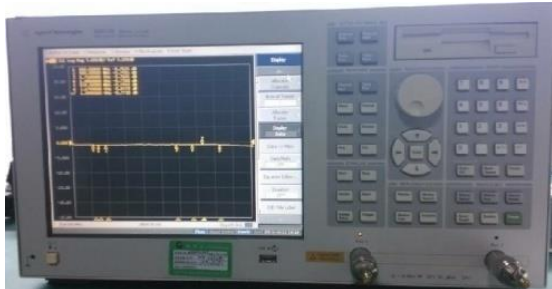
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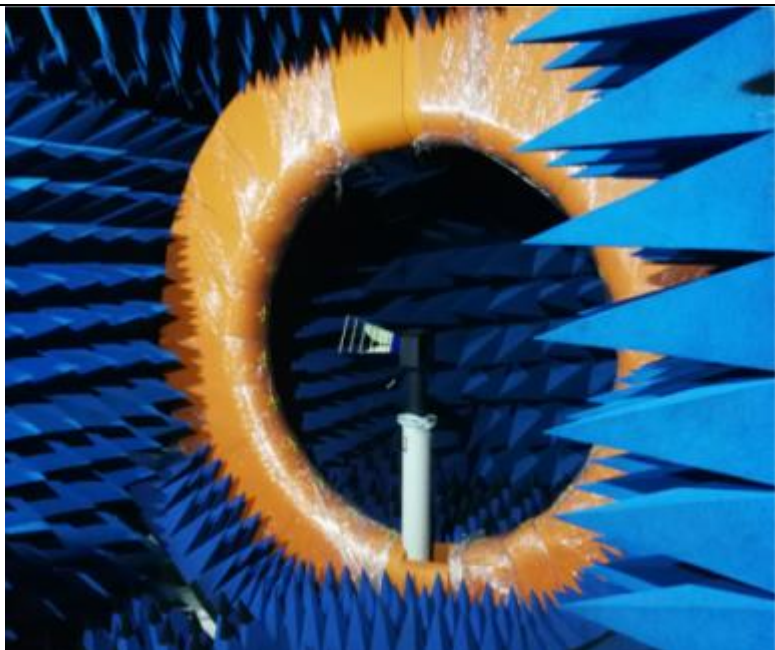
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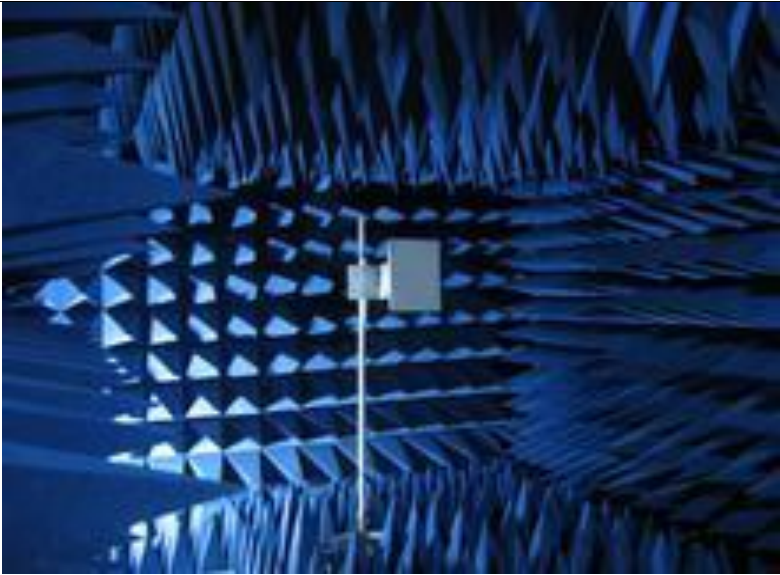
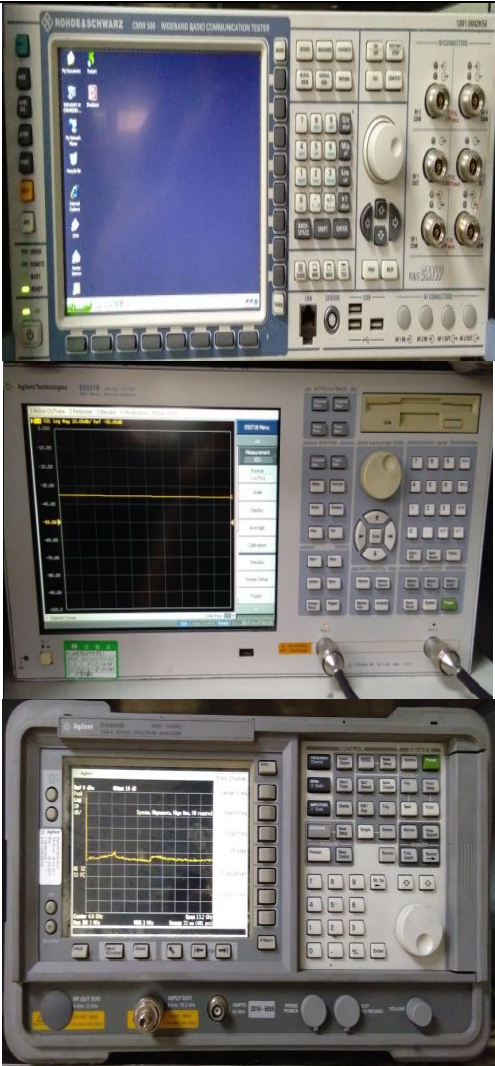
1. Product Application

Terminal of the antenna products can only be used for WIFI /BT antenna.

2. The test environment, equipment

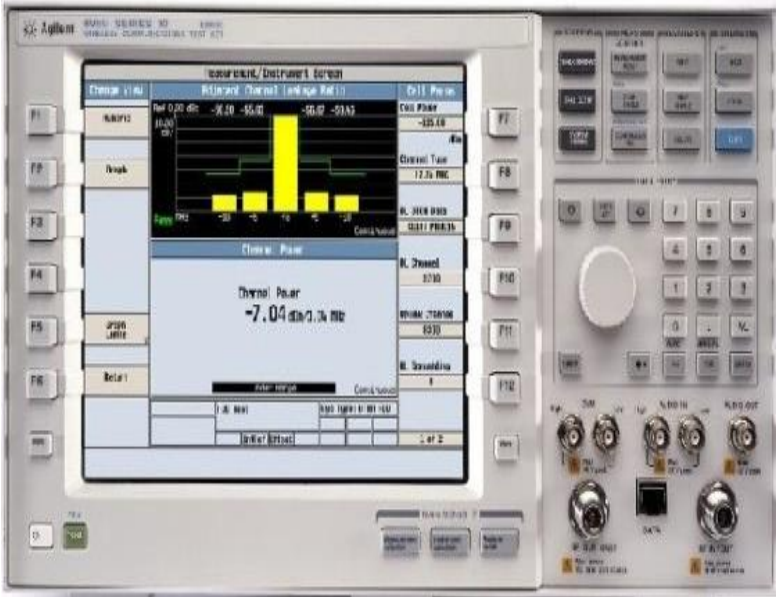
Item	Description	Test Condition	Requirement
2.1	Passive testing	The VSWR measurement devices are connected in sequence: Agilent 5071B Network Analyzer → measurement Cable → Customer-providing Devices.	VSWR: $2400\text{MHz} \leq 3$
		Test equipment	
			
Item	Description	Test Condition	Requirement

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2.2	Active test	Follow picture shows the measurement condition of the antenna been put on the measurement device, which is used for all measurement of electric performances.	Antenna gain: 2400-2500MHz:3.58dBi Antenna efficiency: 2400-2500MHz>35%		
2.3	Microwave Anechoic (Satimo&ETS)	Test equipment			
					

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2.4	CMW500 Agilent5071B AgilentE4405B Agilent8960					

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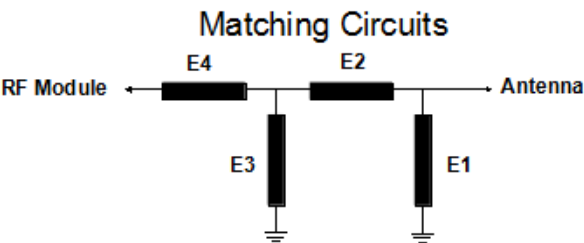


3.Technology Parameters

Frequency Range	2400/5850MHz
Operating Humidity	85%R.H.MAX
Temperature Rating	-40℃～+85℃

3.1 The matching test value

Element	Value
E1(0402)	
E2(0402)	
E3(0402)	
E4(0402)	



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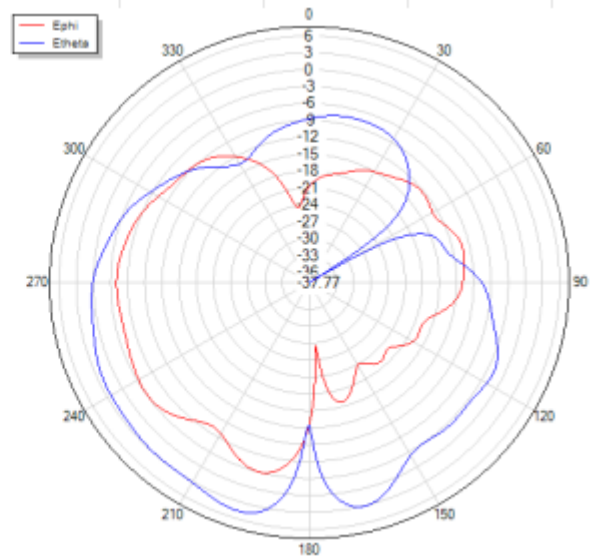
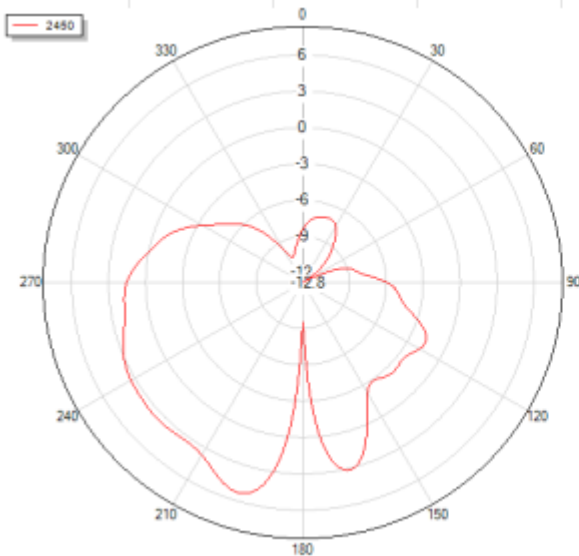
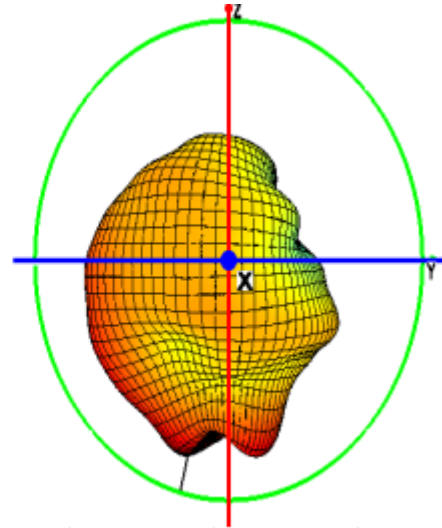
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Remote control

Frequency 频率(MHz)	Gain 增益(dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	0.22	-7.55	17.59
2410.00	0.68	-7.04	19.77
2420.00	0.75	-6.62	21.77
2430.00	0.98	-5.92	25.56
2440.00	1.41	-4.92	32.22
2450.00	1.52	-4.30	37.13
2460.00	1.59	-4.11	38.86
2470.00	1.52	-4.16	38.39
2480.00	1.43	-4.62	34.49
2490.00	1.35	-5.09	30.97
2500.00	1.21	-5.33	29.33



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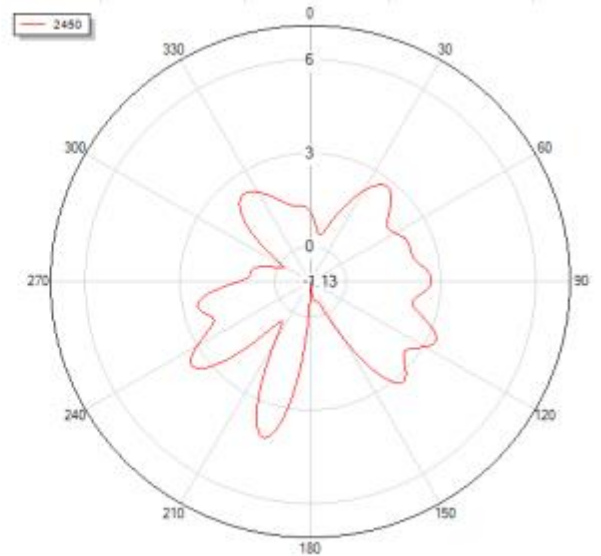
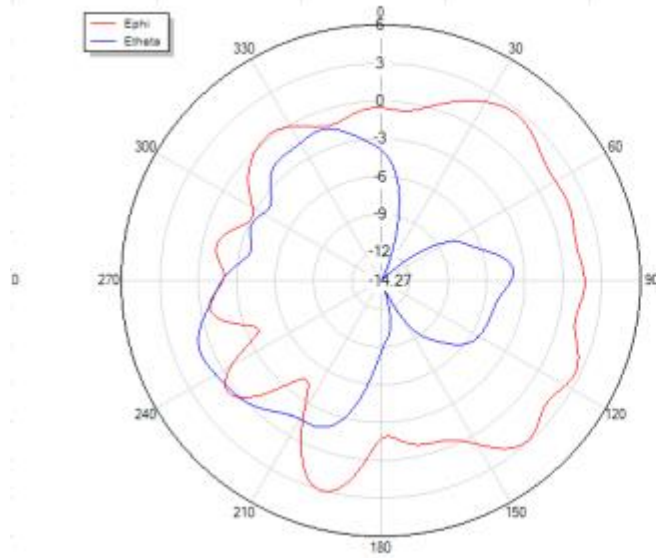
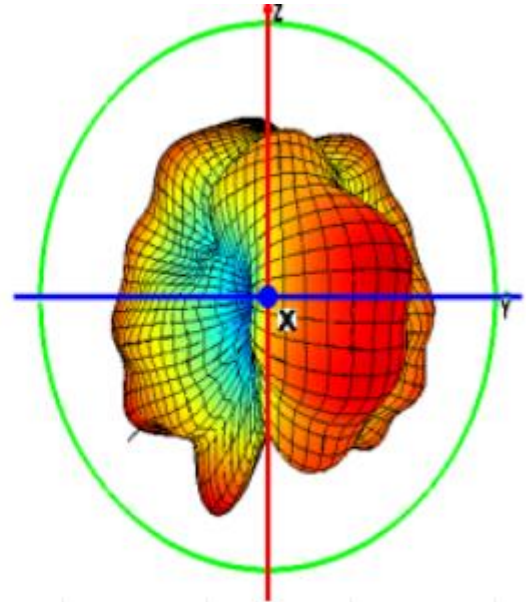
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Counters

Frequency 频率(MHz)	Gain 增益(dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	2.26	-3.63	43.39
2410.00	2.31	-3.46	45.05
2420.00	2.49	-3.09	49.08
2430.00	3.01	-2.64	54.42
2440.00	3.42	-2.11	61.58
2450.00	3.58	-1.93	64.09
2460.00	3.46	-2.03	62.60
2470.00	3.21	-2.24	59.69
2480.00	2.92	-2.63	54.58
2490.00	2.47	-3.03	49.76
2500.00	2.43	-3.17	48.18



Antenna type do: PIFA Antenna+cable

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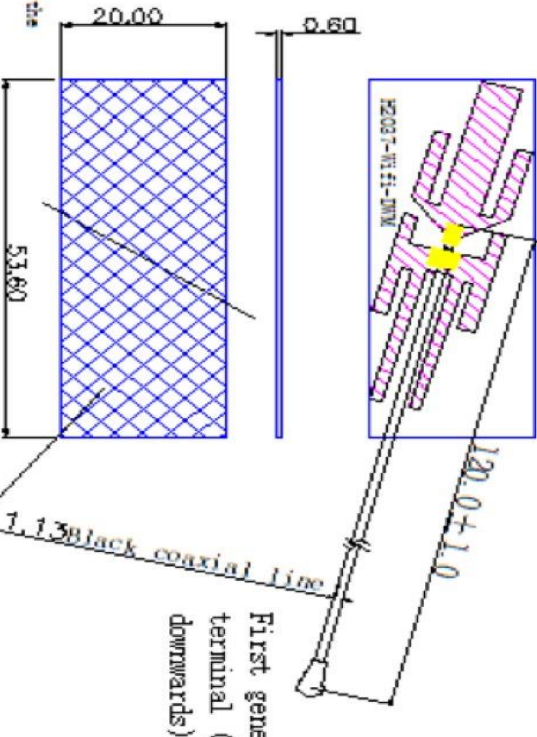
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NOTE:
1 The key inspection size is marked with an asterisk (*), and the hole size is based on the actual configuration.
2 If the rounded corner R is not specified as 0.20mm, it is better to achieve the middle value of the dimensions in the figure. For other unmarked tolerances, please refer to the instructions in the frame of the figure.

3 The material is electrolytic copper PI (in pairs), with an overall thickness of less than 0.07 mm (including 3M adhesive).
4 The surface is black, and the back is covered with a whole piece of 3M 200 LSE adhesive.
5 The cross section is made of copper wire, while the green diagonal section is not covered with copper and retains the substrate for connection.
6 The overall shape follows the contour of the profile.
7 The surface should not scratch exposed copper, have poor electroplating, oxidation, notches, indentations, bubbles, or cracks; And there should be no foreign objects, dirty spots, deviation or other phenomena allowed.
7 Full page shipment: OSP



FPC
Copper platinum line
Golden Finger
Back adhesive surface

Shenzhen DeWeiMa Communication Equipment Co., Ltd.

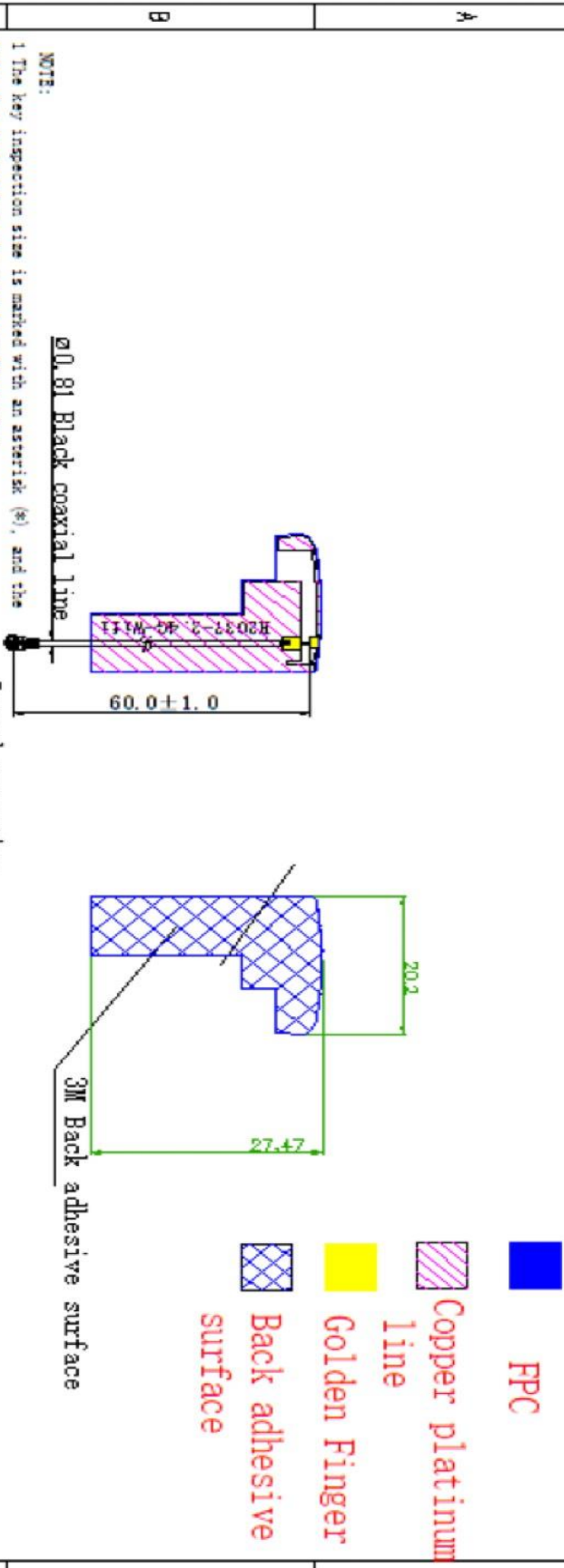
Model	Date	2025-09-15
Product name	FPC	LTP
Part number	D1061-0001-FPC	Structure
Material	Electrolytic copper	Golden Finger
Surface treatment	OSP	Yan Shuanglin

Date	Amendments to the content	Version	Revision
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5.Environmental Performance

Item	Description	Test Condition	Requirement
5.1	High and low temperature test	Temp.: -40 °C Time: 48 hours Temp.: 85 °C Time: 48 hours	1. No visible damage. 2. The electric performances reach the standard.
Item	Description	Test Condition	Requirement
5.2	Salt Spray	5±0.1% NaCl salt fog PH Value: 6.5-7.2 Temp: 35±1 °C Time: 24 hours	1. No color change. 2. the appearance of the antenna does not flake off.

6.Usage Precaution

No	Items	Matter
6.1	Precautions	a) Please avoid the cleaning of this product a)
No	Items	Matter
6.2	Stockpile condition	Use this product within 6 months after receipt Condition : Temp: 5~30 °C Humidity: ≤70%

7. Packing method

Bag shipment, 100pcs °

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Manufacturer:

Shenzhen DEWEIMA Communication Equipment Co.Ltd

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23 district, Shenzhen, China

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