

SPECIFICATION FOR APPROVAL

CUSTOMER: _____

CUSTOMER NO: DK01

PART NAME: Bluetooth Antenna

SUPPLIER NO: JY-001-V1.0

Date: 2022.11.18

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN

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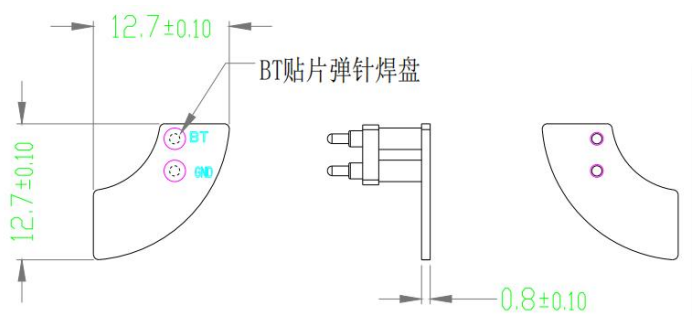
1.Product Specification

A. (Electrical Characteristics)	
Frequency	2400-2500MHz
V.S.W.R	<3.0
Impedance	50 Ohm
Mini Gain	About 0.83dBi
Antenna Type	FR4
B. Material & Mechanical Characteristics	
Material of Radiator	Cu
C. Environmental	
Operation Temperature	- 40 °C ~ + 80 °C
Storage Temperature	- 40 °C ~ + 80 °C

2.The Antenna Pattern

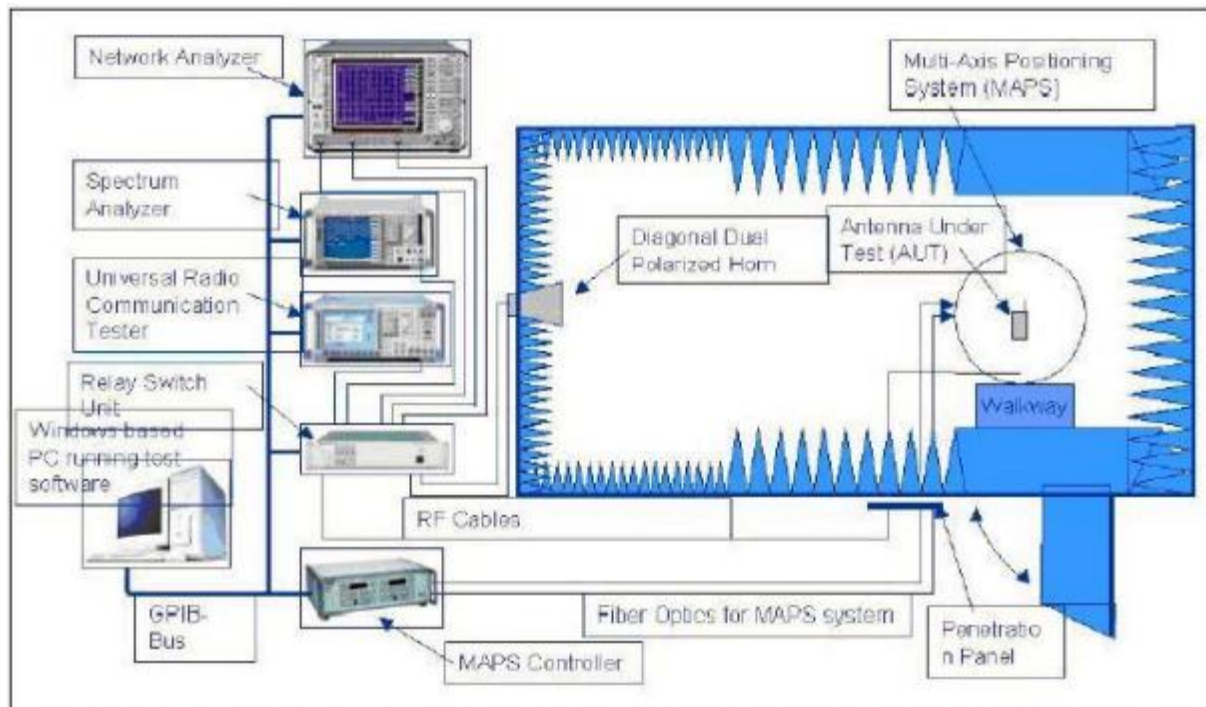


实物图片



外形尺寸

3.Text Environment and Equipment

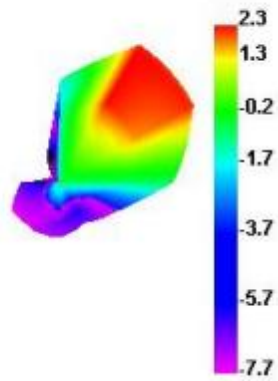


4.OTA

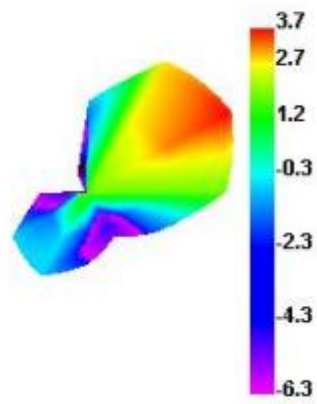
Test Result	Bluetooth TRP			
	0	37	39	78
Frequency (MHz)	2402	2439	2441	2480
TRP (dBm)	1.49	2.82	1.46	-1.29
Test Result	Bluetooth TIS			
				78
Frequency (MHz)				2480
TIS (dBm)				-85.88

5. Antenna Pattern

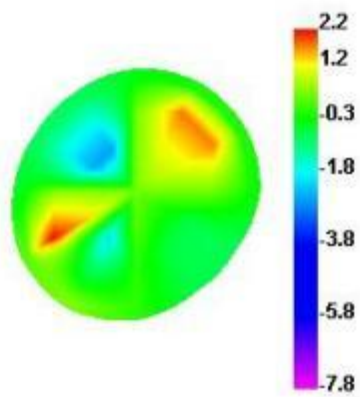
Bluetooth 0 TRP



Bluetooth 37 TRP



Bluetooth 78 TRP



6.Passive

Freq (MHz)	Effi (%)	Gain (dBi)
2400	43.13	2.14
2410	50.81	2.85
2420	43.46	2
2430	50.26	2.57
2440	46.99	2.11
2450	51.44	2.42
2460	44.75	1.65
2470	49.21	2
2480	44.28	1.32
2490	49.87	1.69
2500	41.73	0.83

