

Project No.: Y201801290638/1

Date: 2018.04.19

Date: A0

Antenna SPEC

Specification description: FPC CTL-BT5211

Sealed by corporation:

compilation	verify	approval
Qiucui ping	Chenminjie	Wangyoujian

Sealed by customer:

check	verify	approval

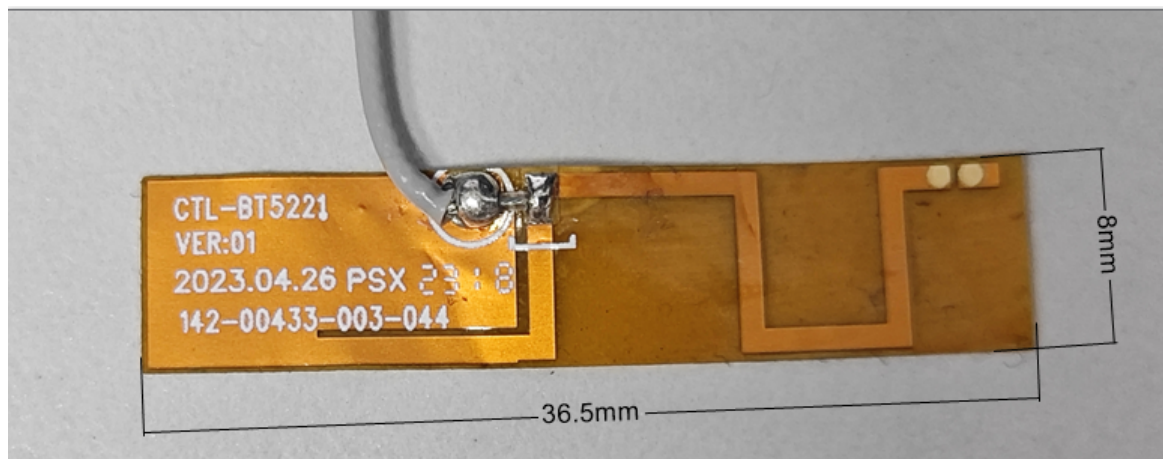
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3、Product drawing

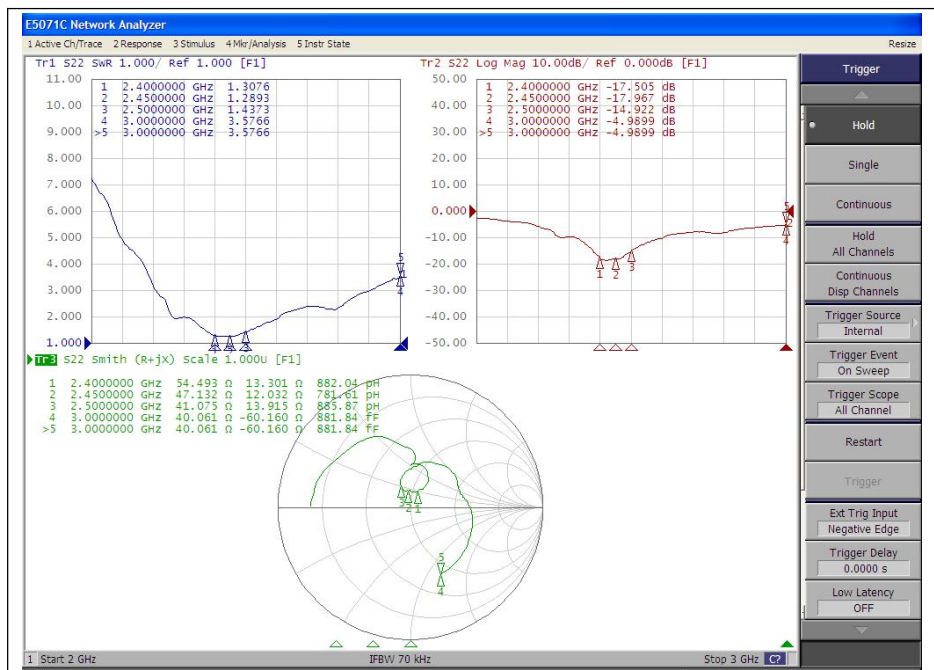


4、Properties ¶meter

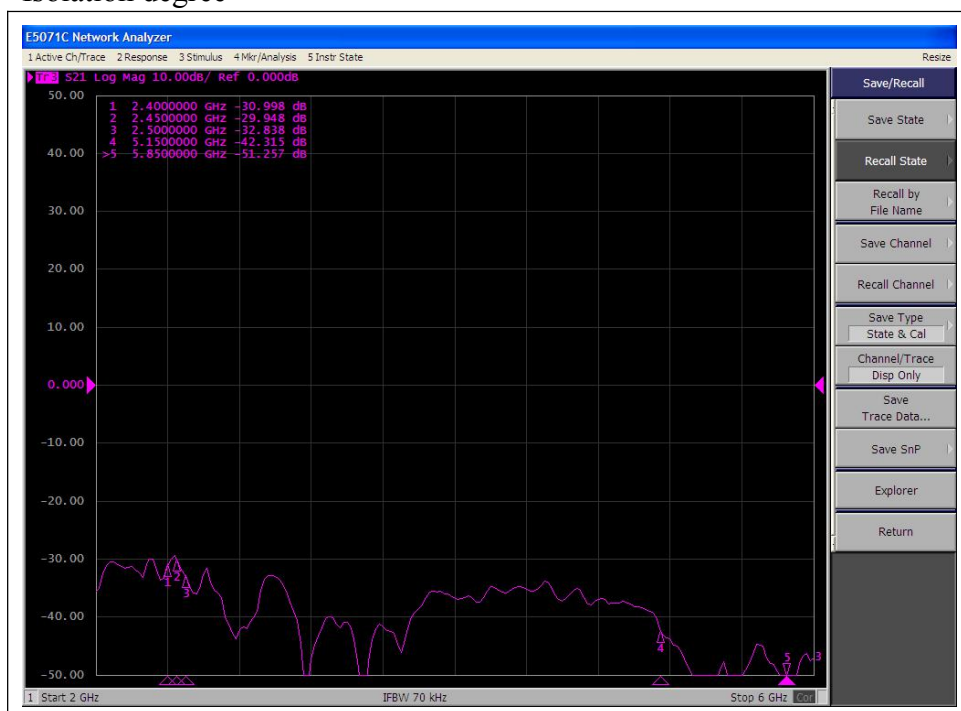
Electrical parameters	
Freq Range	2400~2500MHz
Characteristic Impedance	50 Ω
VSWR	Control test figure
Gain	/
The Max input power	<10w
Polarization mode	Polar linearization
Radiation mode	Omni directional
Connector style	terminal
Mechanics Properties	
Length	75±3mm
Maintain the force	1Kg
Coaxial cable	Gray line1.13
Salt spray test	24H
Environment parameter	
Operating Temp	-30℃~65℃

5、Electrical test report

S11



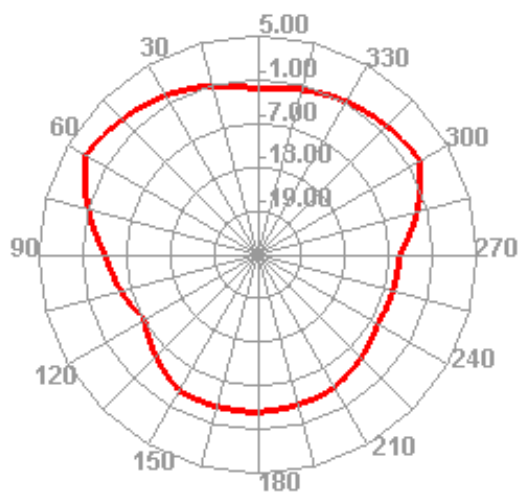
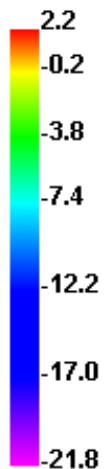
Isolation degree



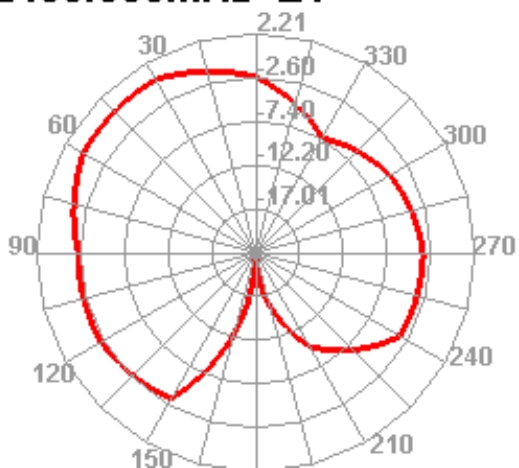
Passive data

Frequency	Efficiency (%)	Average GAIN(dB)	Peak GAIN (dBi)
2400	40.85	-3.89	1.25
2450	41.49	-3.82	1.29
2500	39.73	-4.01	1.26

2450.000MHz



2450.000MHz E1



2450.000MHz E2

