



Product Specification

P/N:

WiFi and BT Antenna

Rev.:

A

Page:

7/15

3.4 WiFi 3VSWR/Return Loss/Smith:



3.5 WiFi Efficiency And Gain:

Frequency / MHz	Efficiency / dB	Efficiency / %
2400	-3.8	41.69
2410	-3.76	42.07
2420	-3.68	42.85
2430	-3.59	43.75
2440	-3.54	44.26
2450	-3.56	44.06
2460	-3.41	45.6
2470	-3.74	42.27
2480	-3.71	42.56
2490	-3.69	42.76
2500	-3.95	40.27

Frequency / MHz	Gain/ dBi
2400	2.06
2410	2.11
2420	2.16
2430	2.37
2440	2.40
2450	2.31
2460	2.39
2470	2.27
2480	2.02
2490	2.25
2500	2.19



Product Specification

P/N:

WIFI and BT Antenna

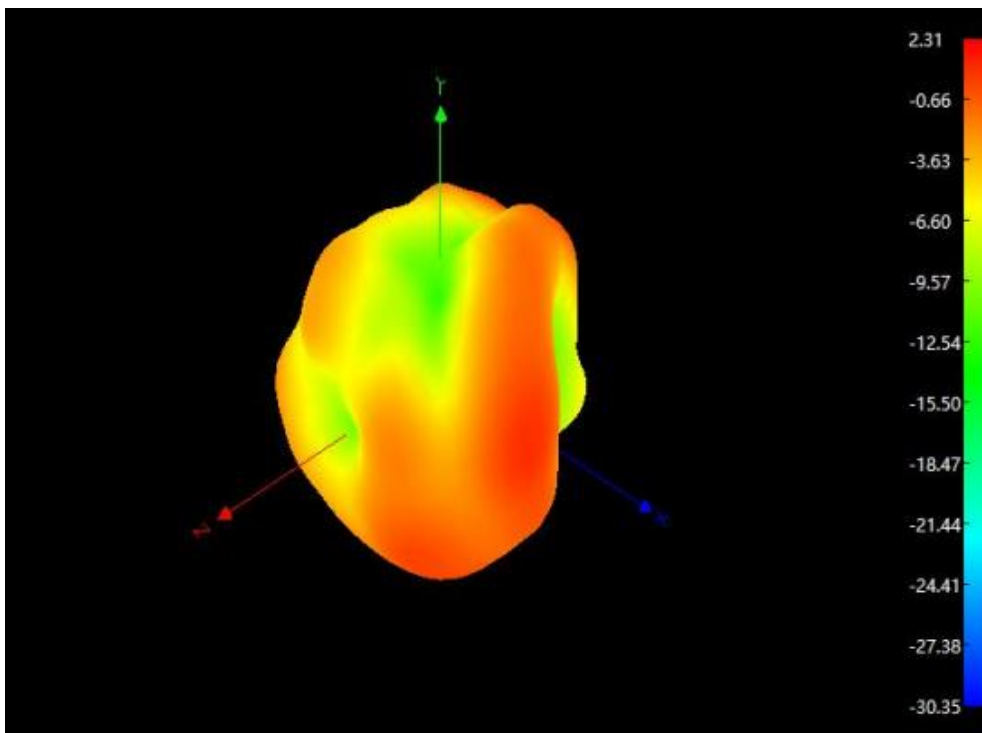
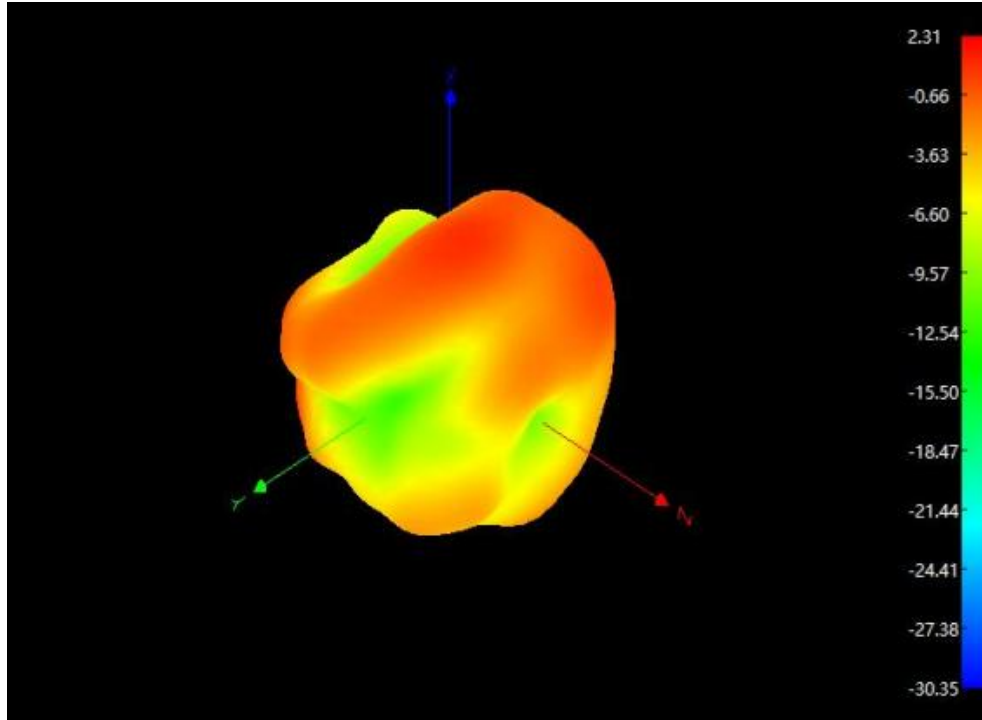
Rev.:

A

Page:

8/15

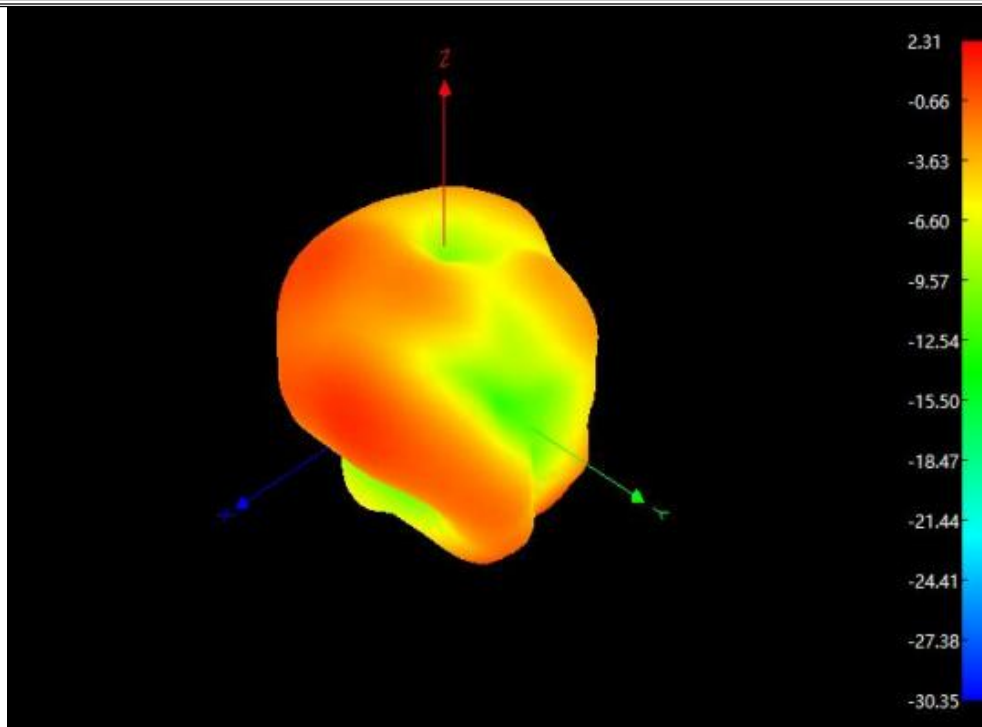
3.6. WiFi 3D Pattern (2450MHz)



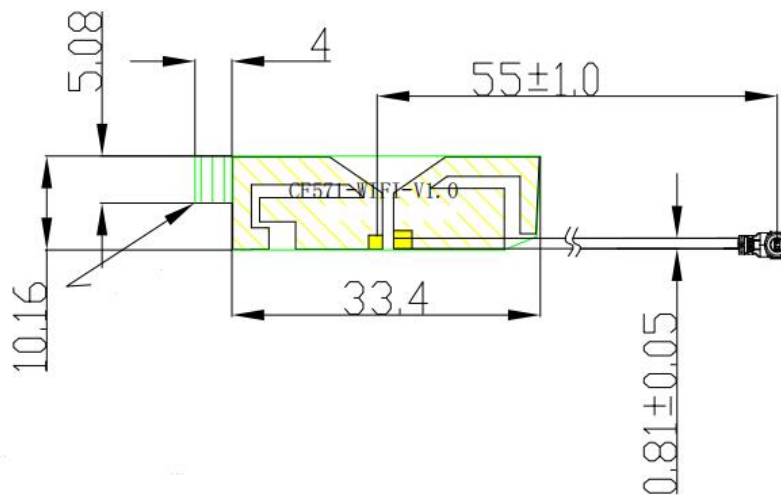


Product Specification

P/N:	Rev.:	Page:
WIFI and BT Antenna	A	9/15



3.7 WiFi Engineering drawings:



NOTE:

1. The material is electrolytic copper+PI (one pair and half), and the overall thickness is less than 0.07mm .
2. The surface is black, and the back is a whole piece of 3M 300 LES adhesive.
3. The cross section is made of copper wire, and the green diagonal section is not made of copper, leaving the base material for connection. The overall profile follows the profile profile.
4. Comply with the latest terms of ROHS2.0, manage in accordance with the environmental protection requirements of local regulations



Product Specification

P/N:

WIFI and BT Antenna

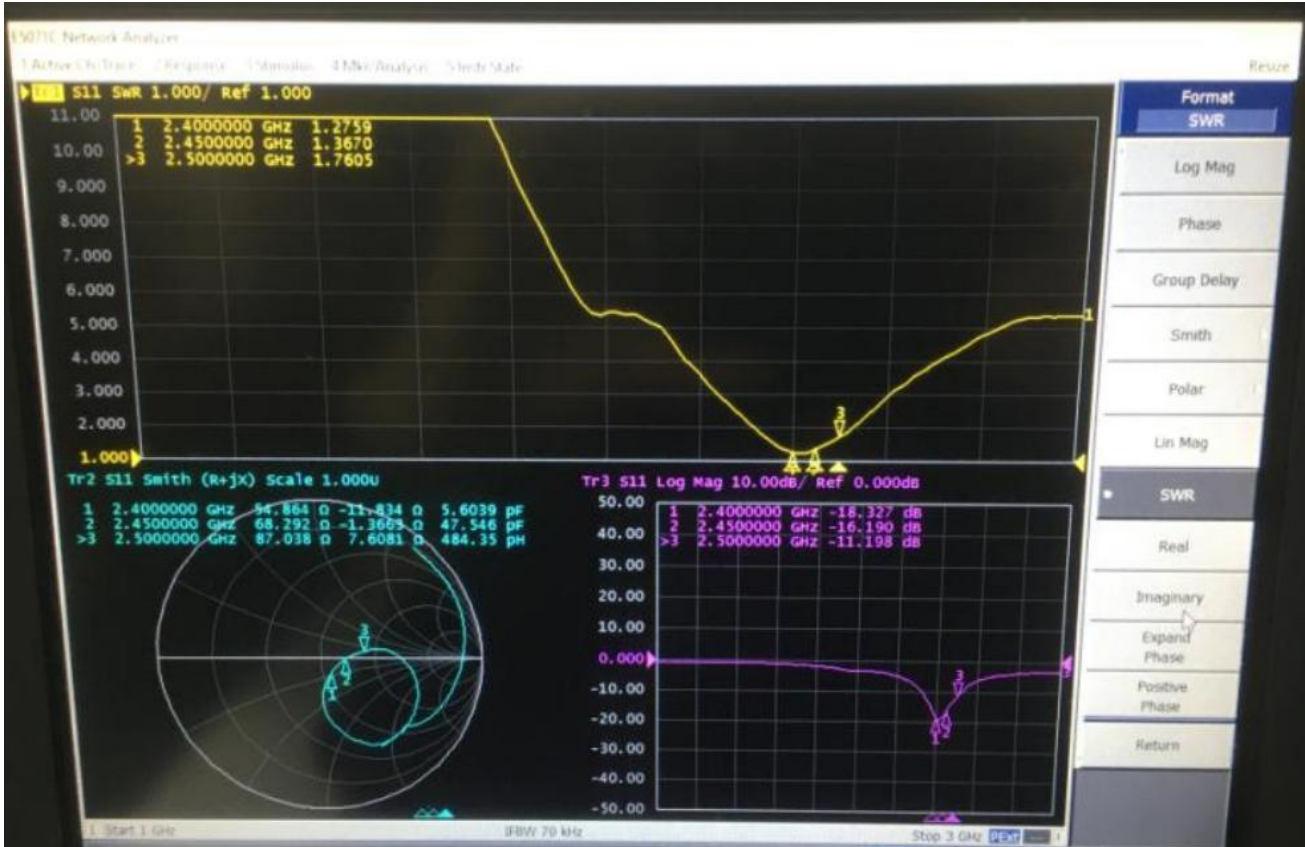
Rev.:

A

Page:

11/15

4.4 BT VSWR/Return Loss/Smith:



4.5 BT Efficiency And Gain:

Frequency / MHz	Efficiency / dB	Efficiency / %
2400	-3.35	46.24
2410	-3.54	44.26
2420	-3.4	45.71
2430	-3.39	45.81
2440	-3.59	43.75
2450	-3.49	44.77
2460	-3.42	45.5
2470	-3.62	43.45
2480	-3.62	43.45
2490	-3.49	44.77
2500	-3.8	41.69

Frequency / MHz	Gain/ dBi
2400	2.51
2410	2.21
2420	2.77
2430	2.59
2440	2.09
2450	2.43
2460	2.87
2470	2.4
2480	2.43
2490	2.79
2500	2.3



Product Specification

P/N:

WIFI and BT Antenna

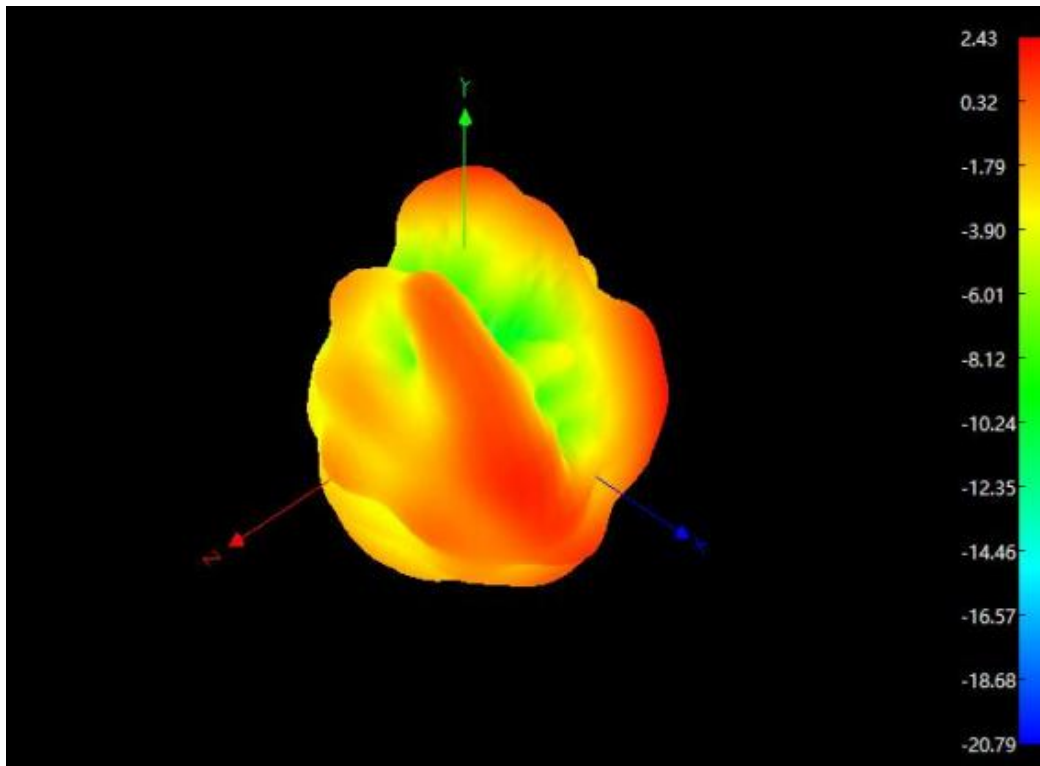
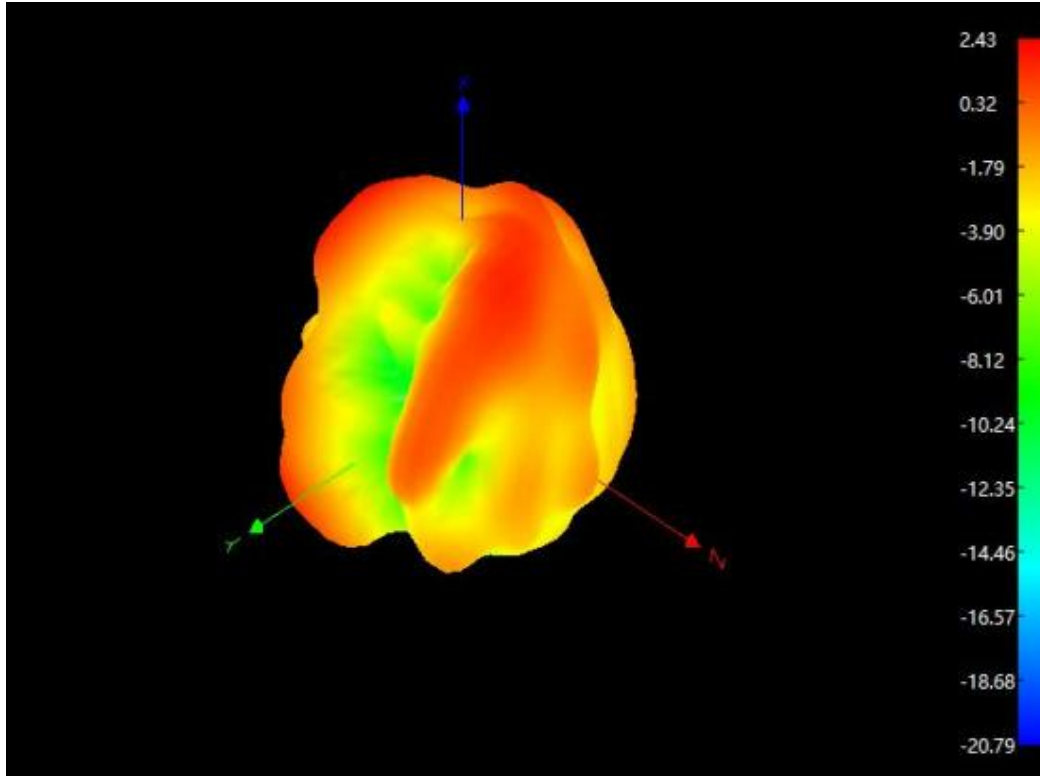
Rev.:

A

Page:

12/15

4.6. BT 3D Pattern (2450MHz)





Product Specification

P/N:

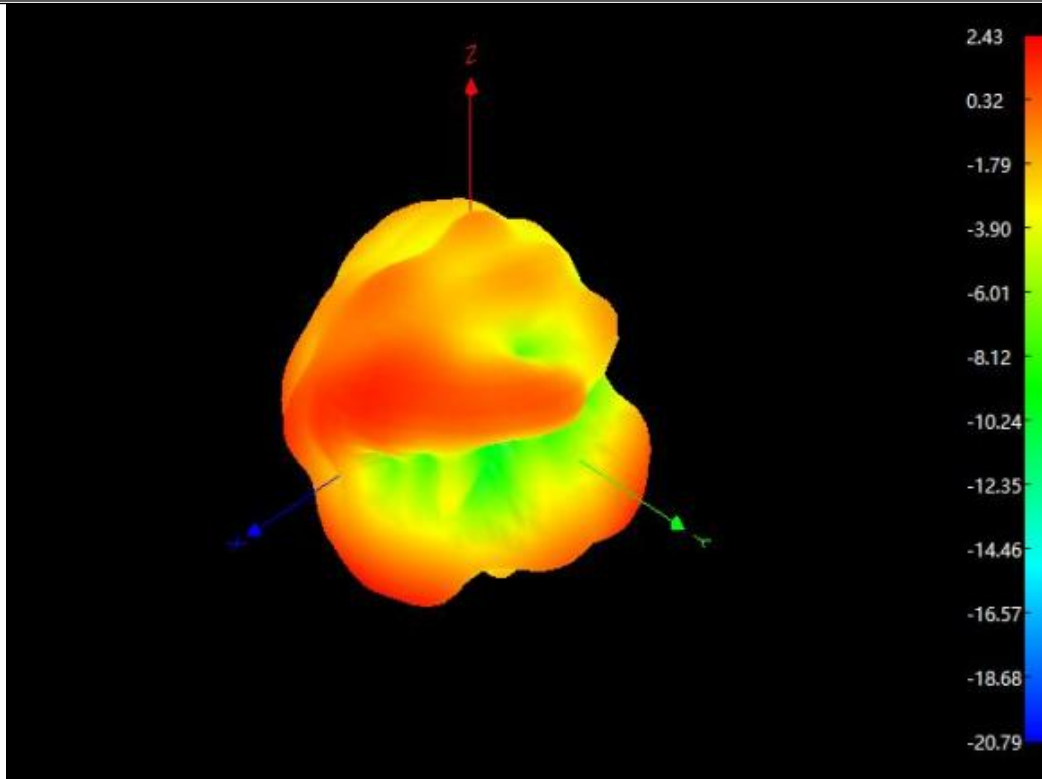
WIFI and BT Antenna

Rev.:

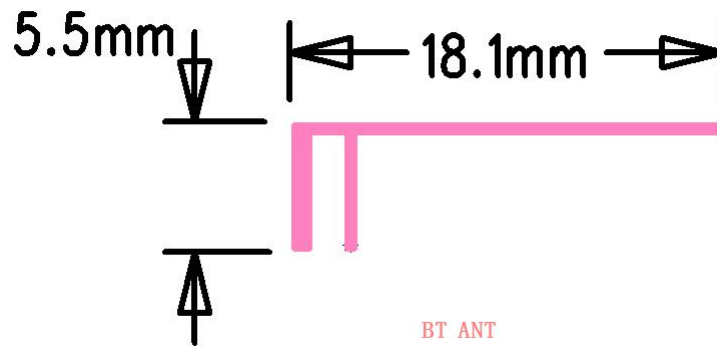
A

Page:

13/15



4.7 BT Engineering drawings:



PCB on-board antenna



Product Specification

P/N:

WIFI and BT Antenna

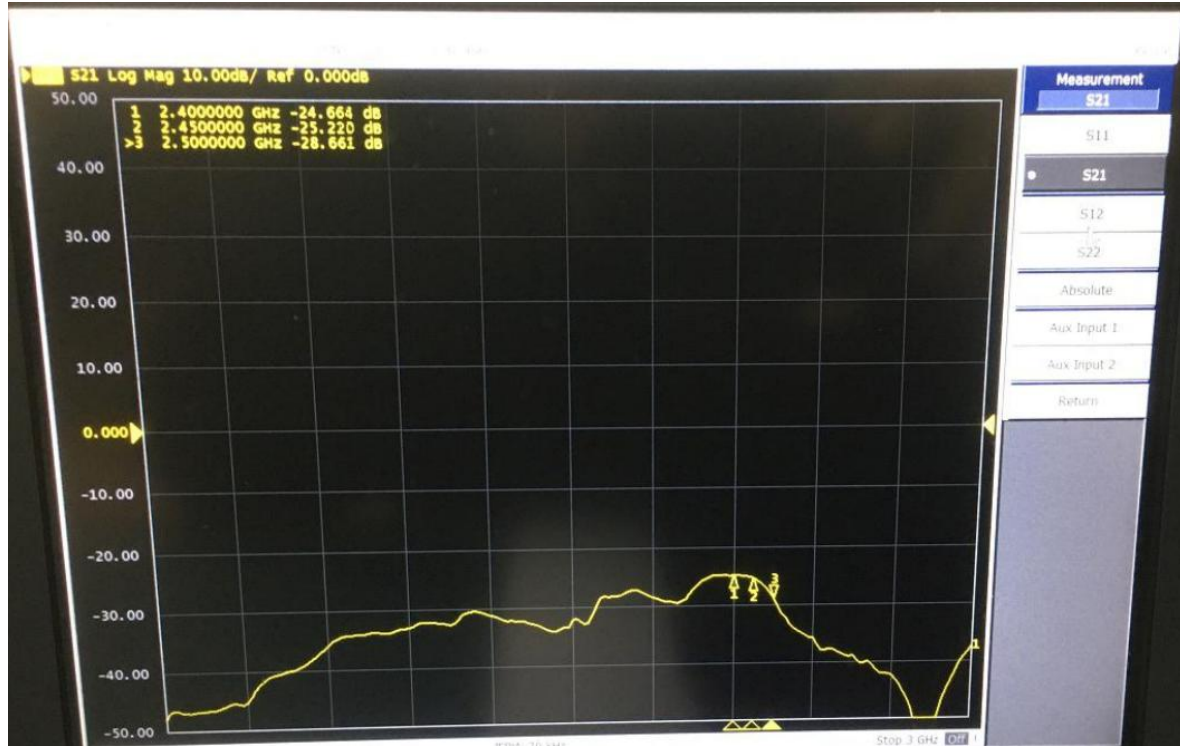
Rev.:

A

Page:

14/15

5. WiFi and BT antenna isolation



WiFi and BT antenna isolation data (about - 24~- 28dB)