



深圳市飞讯联科电子有限公司
Shenzhen Feixun Lianke Electronics Co., Ltd.
深圳市宝安区航城街道九围社区九围大窝口厂房2栋5层
Building 2, 5th Floor, Jiwei Dawokou Factory, Jiwei Community, Hangcheng Subdistrict, Bao'an District,
Shenzhen, China

WIFI Antenna Test Report



Customer	联吉星
Project	Q5 Mate WIFI双频天线
Antenna Revision	A0
Product Description	
Product No	FXLK-DPTX002-B-IX1-065-2.4/5G

2024.11.25



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Purpose

This report is to measure the performance of antenna for All test date are showed as below.

Content

1: Product Overview

2: Test Result

2.1 VSWR

2.2 RETRUN LOSS

2.3 GAIN & Efficiency

2.4 Antenna 2D & 3D diagram



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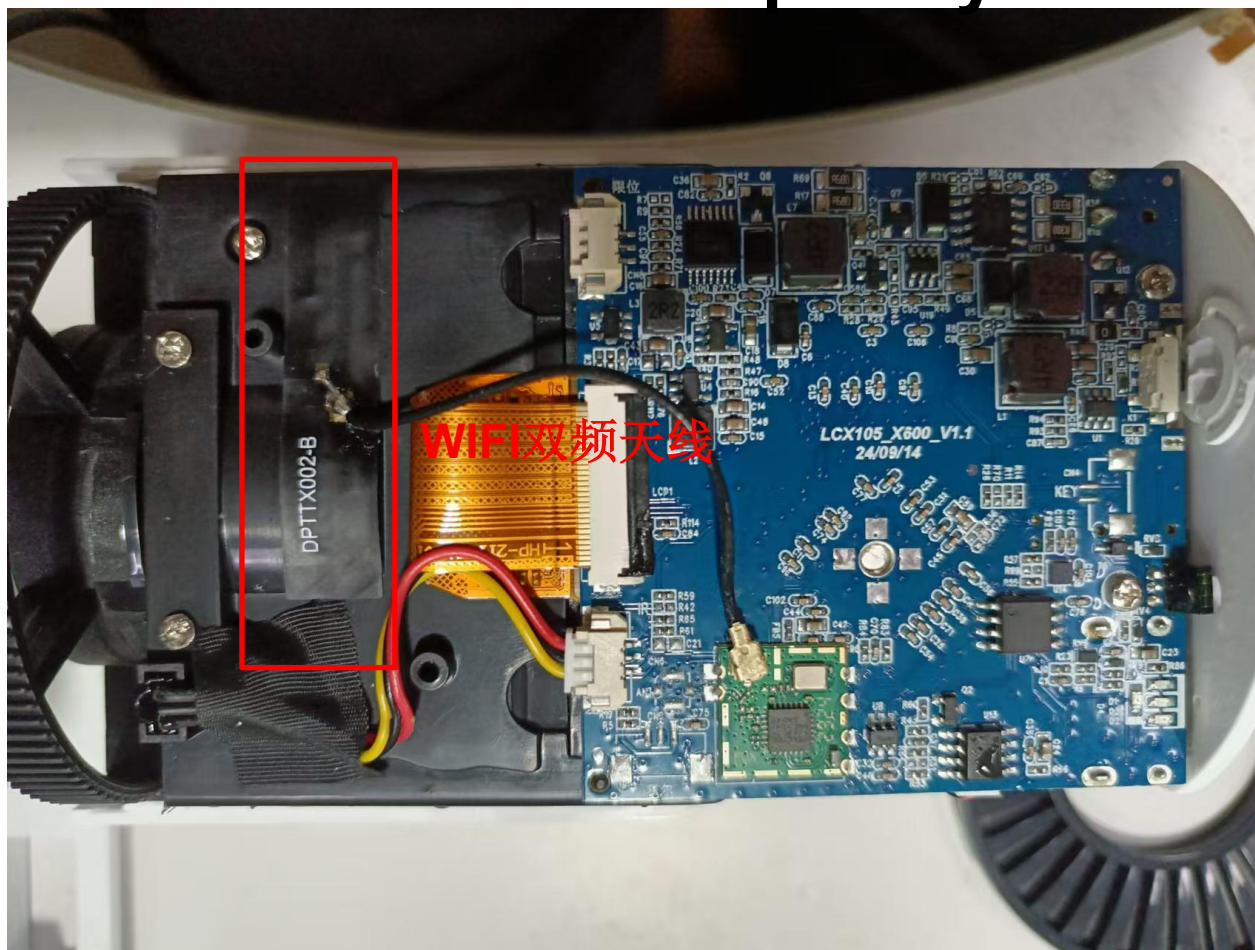
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1. Product Overview

Antenna frequency



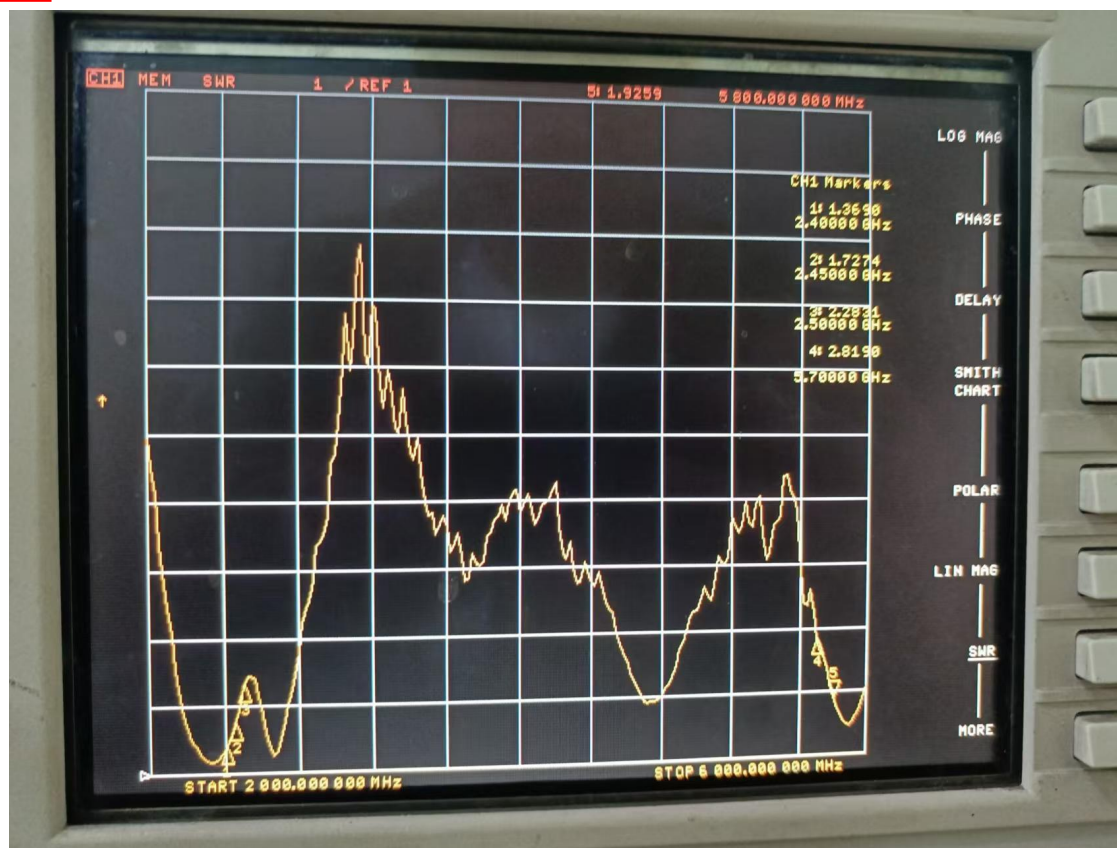
WIFI双频天线装配示意图



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2. Test Result

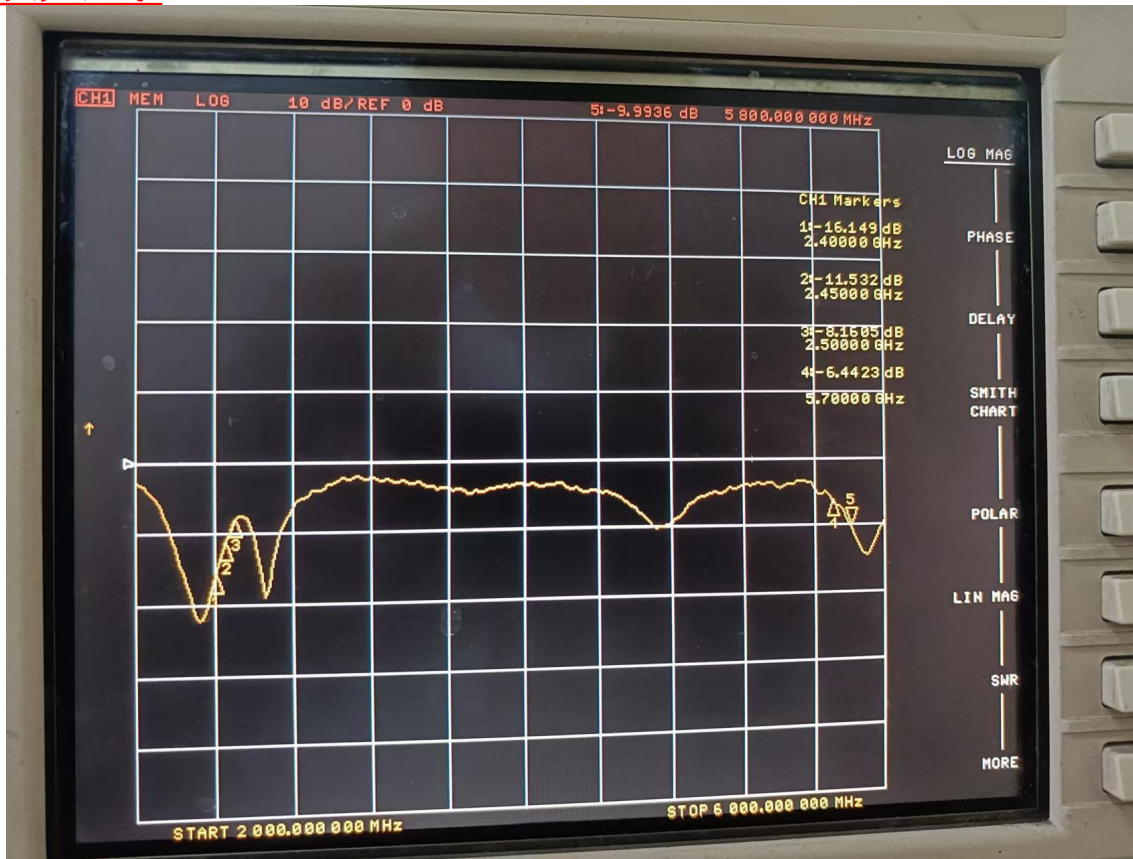
2.1 WIFI双频天线 VSWR



Frequency (MHz)	2400	2450	2500	5710	5800
VSWR	1.36	1.72	2.28	2.01	1.92

2. Test Result

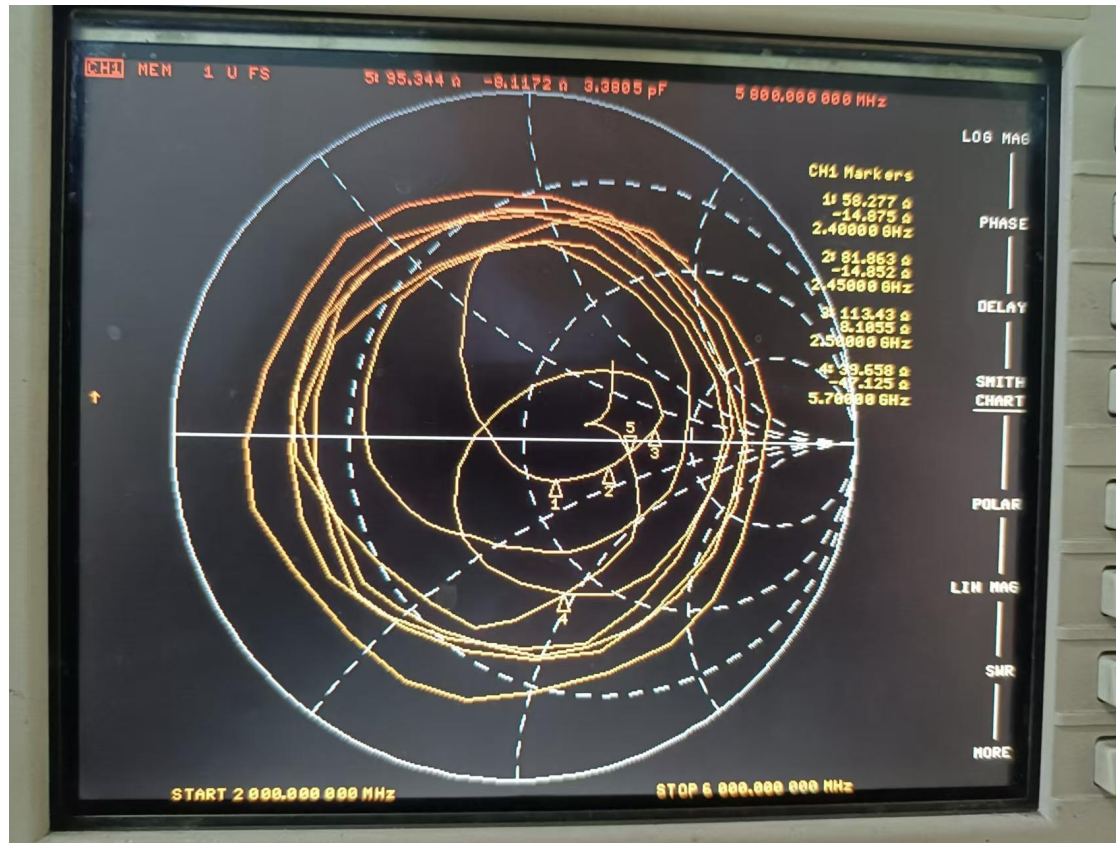
2.2 WIFI双频天线 RETRUN LOSS



Frequency (MHz)	2400	2450	2500	5710	5800
RETRUN LOSS (DB)	-16.14	-11.53	-8.16	-6.44	-9.99

2. Test Result

2.2 WIFI双频天线



Frequency (MHz)	2400	2450	2500	5710	5800
	58.27	81.86	113.43	39.65	95.34

2. Test Result

2.3 *WIFI双频天线* GAIN & Efficiency

Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	51.98	3.66
2410	53.57	3.82
2420	56.9	3.42
2430	53.38	3.82
2440	58.35	3.55
2450	57.95	3.89
2460	52.97	3.79
2470	50.08	3.5
2480	55.4	3.81
2490	55.26	3.86
2500	52.86	3.67

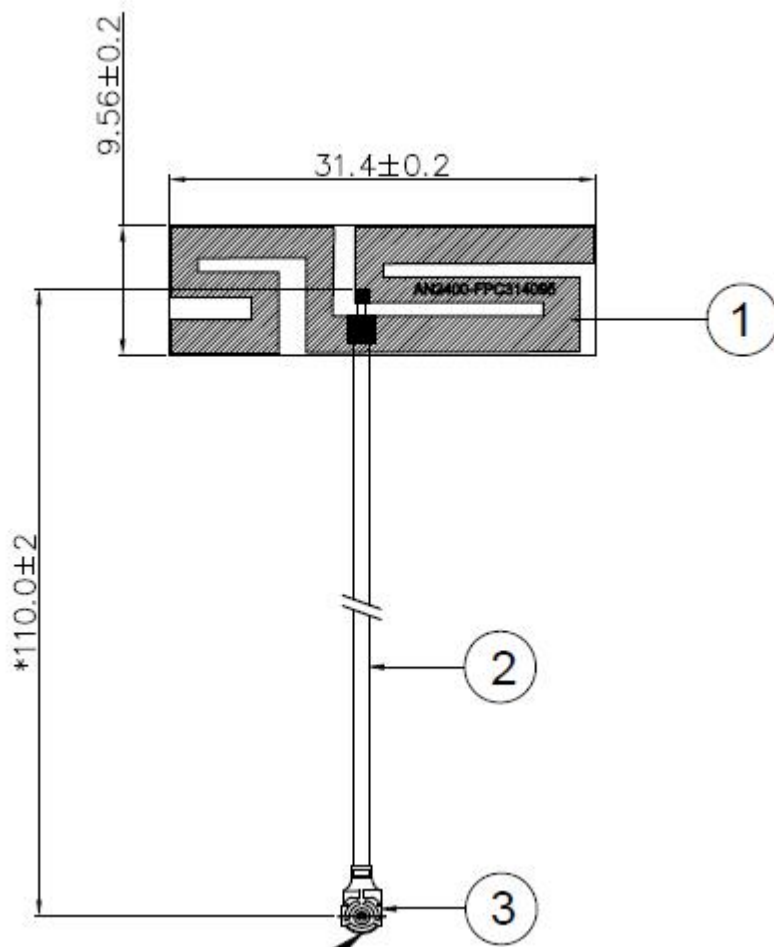
Freq	Effi	Gain
(MHz)	(%)	(dBi)
5100	46.85	3.71
5200	46.54	3.80
5300	47.96	3.63
5400	46.78	3.68
5500	44.88	3.5
5600	42.83	3.28
5700	49.41	3.84
5800	50.53	3.89
5900	44.64	3.29
6000	43.51	3.13
6100	46.39	3.37



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2. Test Result

2.4 Antenna Dimension





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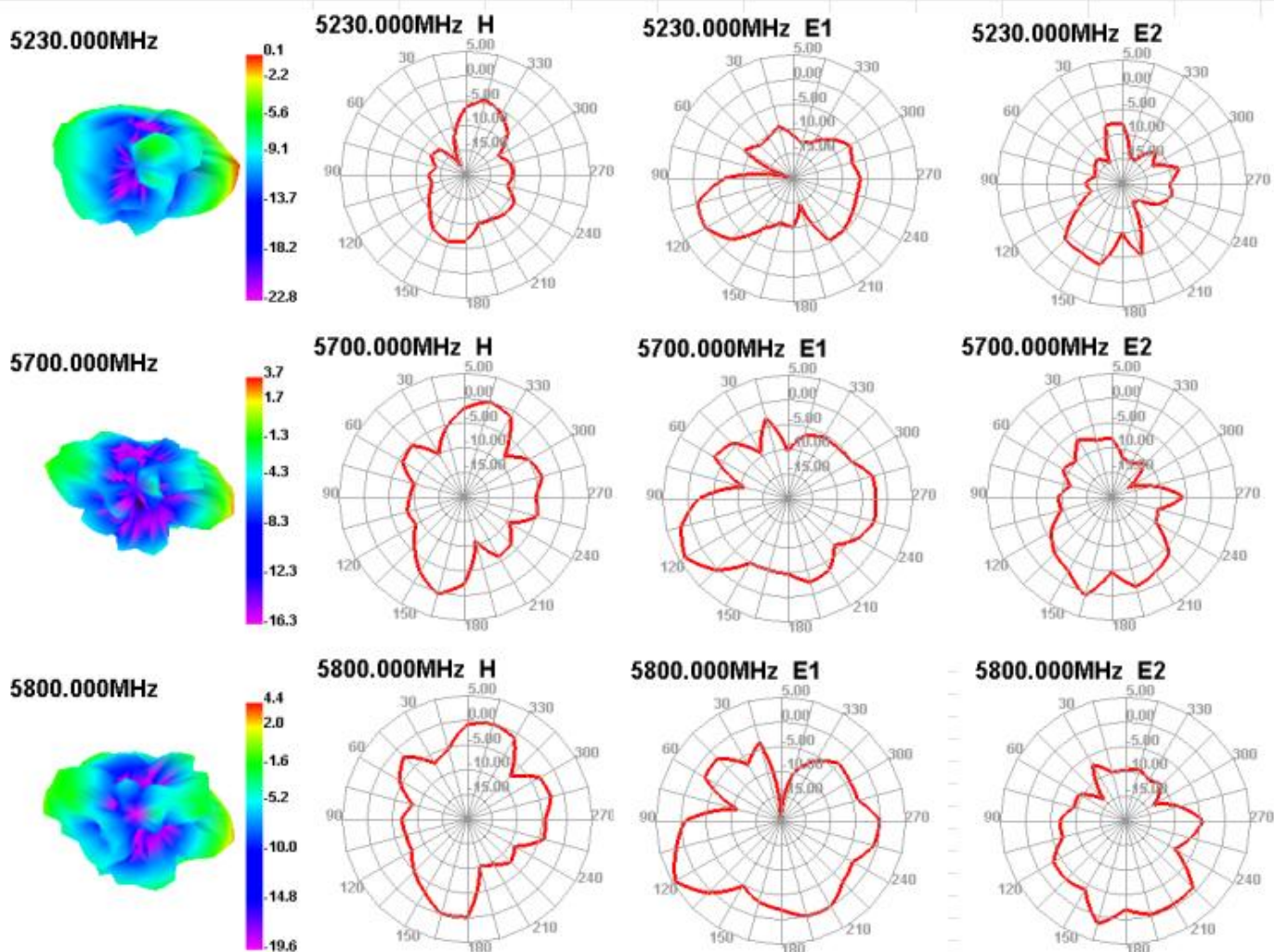
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2. Test Result

2.5 WIFI双频天线 Antenna 2D & 3D diagram





2. Test Result

2.4 WIFI双频天线 Antenna 2D & 3D diagram

