



SHENZHEN Xingyuanchuang TECHNOLOGY CO., LTD

Antenna Test Report

RF: 戴进平

MD: 黄清清

MP: 19918388579

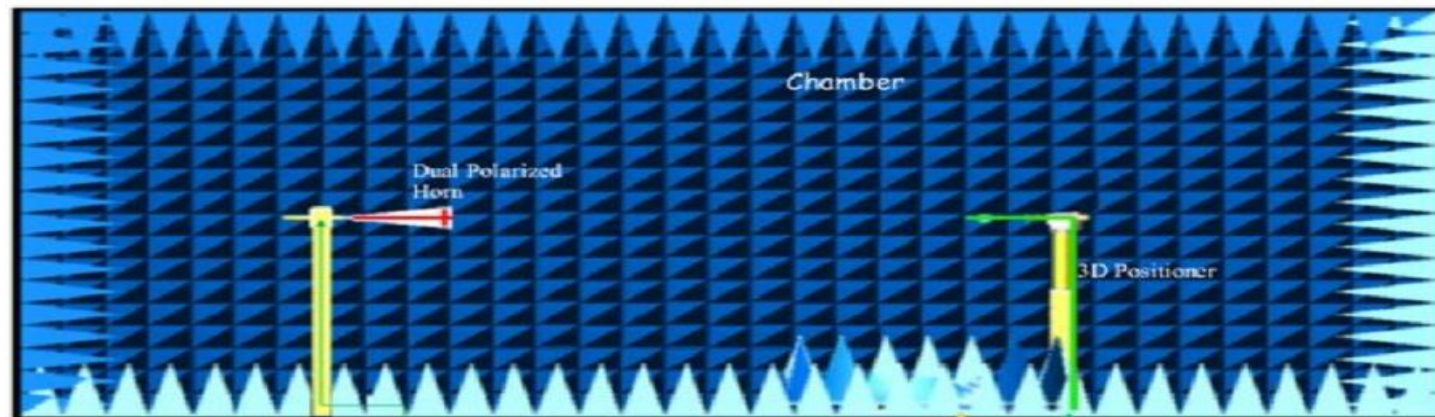
Date: 2025. 01. 03.

REV :V1. 0



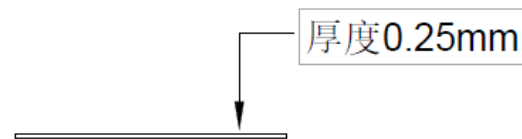
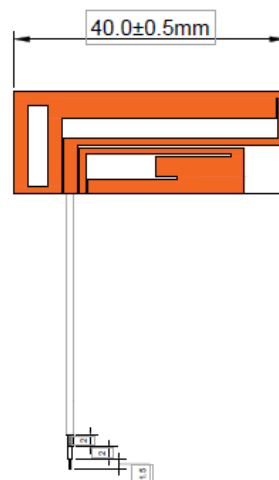
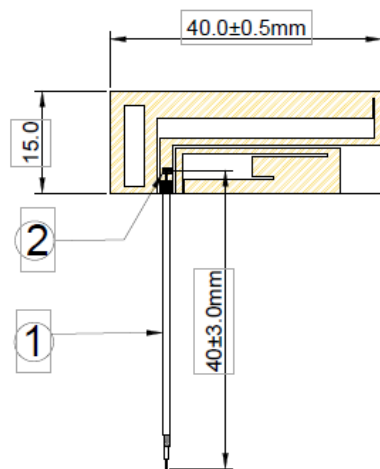
Antenna band		Antenna state	Antenna form	Match changes	Note
Main ANT	2G	FPC	PIFA	NO	
	3G				
	4G				
AUX ANT	BT/WIFI	2.4G	FPC	PIFA	NO
	GPS		FPC	PIFA	NO
	DIV		FPC	PIFA	NO

OTA Chamber Overview

0.1~12.5Ghz
RF Switch BoxWireless
Communications
Test Set 1Wireless
Communications
Test Set 2Network
Analyzer

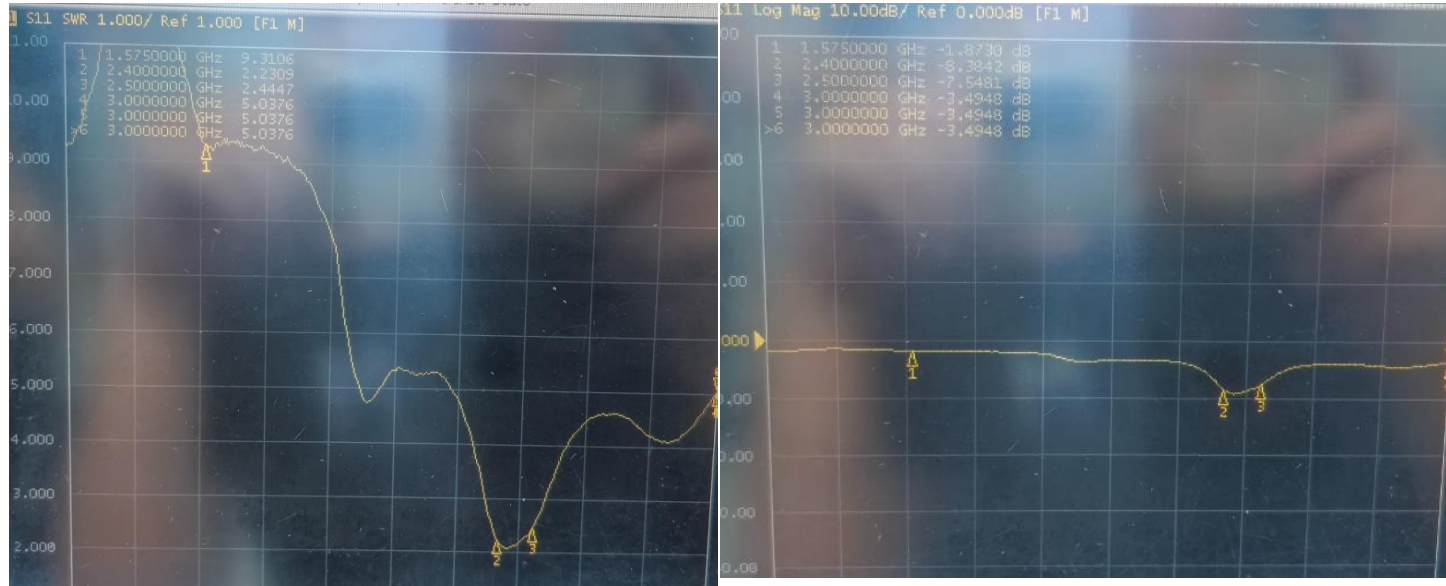
Standard	
Passive	Agilent HP8753/E5062/E5071
GSM	Agilent 8960
CDMA2000	Agilent 8960
WCDMA	Agilent 8960
TDSCDMA	Agilent 8960
LTE	RS CMW500
BT	RS CMU500/200
WIFI	Agilent N4010





ANT1 S11-VSWR&Return Loss

Passive test data



Frequency (MHZ)	2400		2500	5150	5500	5850
VSWR	2.23		2.44			
Return Loss (DB)	-8.38		-7.54			

ANT1 GAIN&Efficiency-WIFI2.4G/BT

Passive test data

Passive Test For WIFI2.4				
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)
2400	13.01	-7.69	-1.98	-4.13
2410	13.06	-7.68	-2.18	-4.33
2420	14.42	-7.35	-2.11	-4.26
2430	14.75	-7.27	-2.42	-4.57
2440	15.6	-7.08	-2.36	-4.51
2450	15.61	-7.08	-1.9	-4.05
2460	14.34	-7.37	-2.15	-4.3
2470	15.19	-7.17	-1.84	-3.99
2480	15.63	-7.07	-1.74	-3.89
2490	14.44	-7.34	-1.75	-3.9
2500	11.39	-8.13	-2.6	-4.75

Passive test data

ANT1 Direction of figure (2.4/BT)

