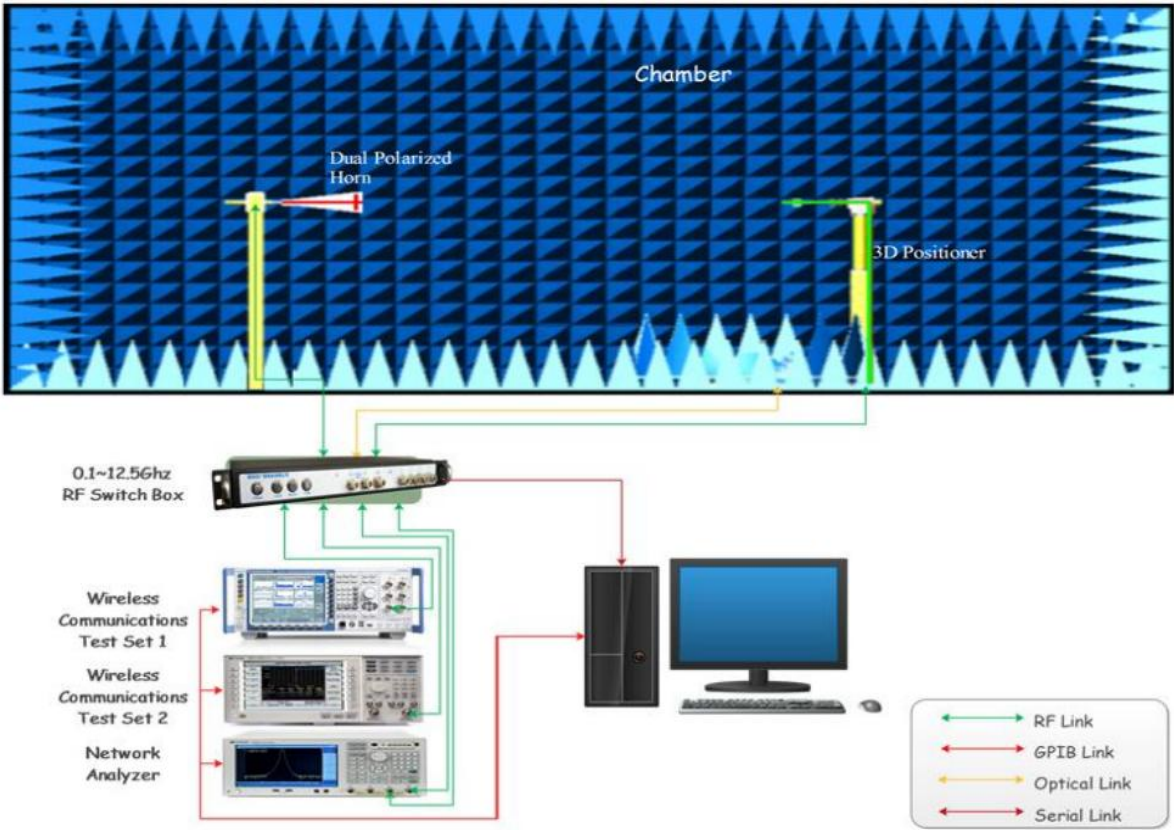


KT104 antenna report

Test Address	Shenzhen3Good Wireless Communications CO.,LTD Room501,Jinfulai Building,No.49- 1,Dabao Road,Baoan District,Shenzhen
Test Date	November 3, 2025
TestInstrument	vector network analyzer -Agilent Technologies E5071B

Facility descr

Iption Measurement procedure



Antenna information:

Customer	Boat of wealth
Antenna Model	FPC
Antenna Type	PIFA

Matching circuits:

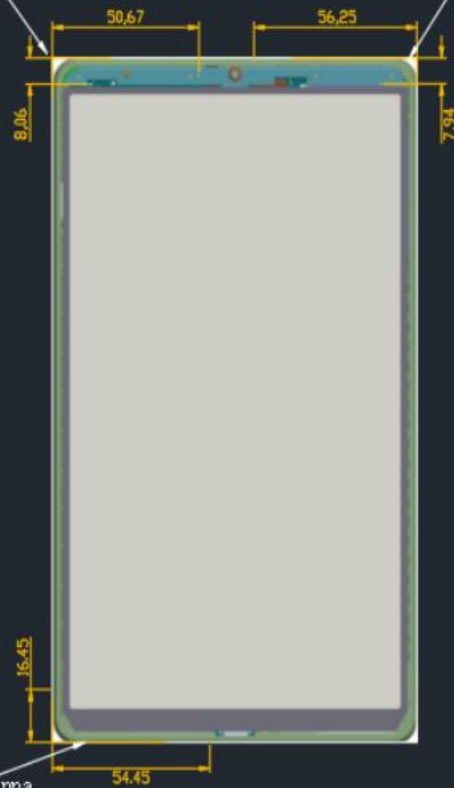
主天线 ANT0									
ANT0 Antenna		开关匹配							
Element	Value	Element							
T10903	NC	C0841	NC						
L0903	NC	C0754	0欧姆						
C0770	15NH	L0757	0欧姆	RF1	GSM900/1800/1900+W1/2/4/8+FDD1/2/3/4/7/8/66+TDD38/40/41TRX				
R0709	3.9PF	L0756	3.9NH	RF2	GSM850/W5+FDD5/26TRX				
C0700	NC	L0755	6.2NH	RF3	B20TRX				
C0840	0欧姆	L0750	15NH	RF4	B12/17/28ABTRX				
R0858	0欧姆								
R0859	22PF								
分集天线 ANT1									
DRX		GSM850/1900/1800/1900+W1/2/4/5/8+FDD1/2/3/4/5/7/8/12/17/20/26/28AB/66+TDD38/40/41DRX							
三合一天线									
				G/W/B Antenna					
				Element	Value				
				C7238	NC				
				R7201	0欧姆				
				C7218	NC				

Passive performance figure:

Frequency(MHZ)	699~960	1710~2690	Antenna position picture
VSWR	<3.5	<3.5	

Main antenna (Antenna
Labrl: A)
LTE : B1/B2/B3/B4/B5/B7/B8/B12/B17/
B20/B26/B28/B66/B38/B40/B41 TRX
WCDMA: B1/B2/B4/B5/B8 TRX
GSM: B2/B3/B5/B8 TRX

G/W/B antenna(Antenna
Labrl)
Frequency band: 1575.42MHZ2400-2500MHZ
5100-5800MHZ



DIV antenna (Antenna
Labrl: B)
LTE : B1/B2/B3/B4/B5/B7/B8/B12/B17/
B20/B26/B28/B66/B38/B40/B41 TRX
WCDMA: B1/B2/B4/B5/B8 TRX
GSM: B2/B3/B5/B8 TRX

All of Implementation antenna

Main antenna(Antenna Label:A):

LTE:B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B26/B28/B66/B38/4
0/41TRX

WCDMA B1/B2/B4/B5/B8TRX

GSM B2/B3/B5/B8/TRX

DIV antenna(Antenna Label:B):

LTE:B1/B2/B3/B4/B5/B7/B8/B12/B17/B20/B26/B28/B66/B38/4
0/41RX

WCDMA B1/B2/B4/B5/B8RX

GSM B2/B3/B5/B8/RX

WiFi/BT 2.4G 2412MHz~2472MHz 5G 5.1MHz~5.82MHz&

main antenna gain:

GSM 850 average: -1.87dBi;

EGSM 900 average:-2.22Bi;

DCS18000 average:-1.12

PCS19000 average:-1.13

WCDMA B1 average: -1.56dBi;

WCDMA B2 average: -1.13dBi;

WCDMA B4 average: -1.62dBi;

WCDMA B5 average: -1.87dBi;

WCDMA B8 average: -2.22dBi;

LTE FDD B1 average: -1.56dBi

LTE FDD B2 average: -1.13dBi

LTE FDD B3 average: -1.12dBi;

LTE FDD B4 average: -1.62dBi;

LTE FDD B5 average:-1.87dBi;

LTE FDD B7 average: -1.11dBi;

LTE FDD B8 average: -2.22dBi;

LTE FDD B12 average: -2.85dBi;
LTE FDD B17 average: -2.92dBi;
LTE FDD B20 average: -2.01dBi;
LTE FDD B26average: -1.92dBi;
LTE FDD B28 average: -2.78dBi;
LTE FDD B66 average: -1.66dBi;

LTE TDD B38 average: -1.18dBi;
LTE TDD B40 average: -1.41dBi;
LTE TDD B41 average: -1.35dBi
MAX gain about BT/2.4GWIFI/5GWIFI antenna:
GPS (1.57542Ghz) gain: -0.44dBi;
BT/2.4GWIFI: -1.62dBi;
5G WIFI:-0.11dBi;