

Antenna Report

Mobile antenna test report

For FCC ID: YHLBLUB1680V

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Technology Co., Ltd.

RF:WangYu

Date:2026.07.02

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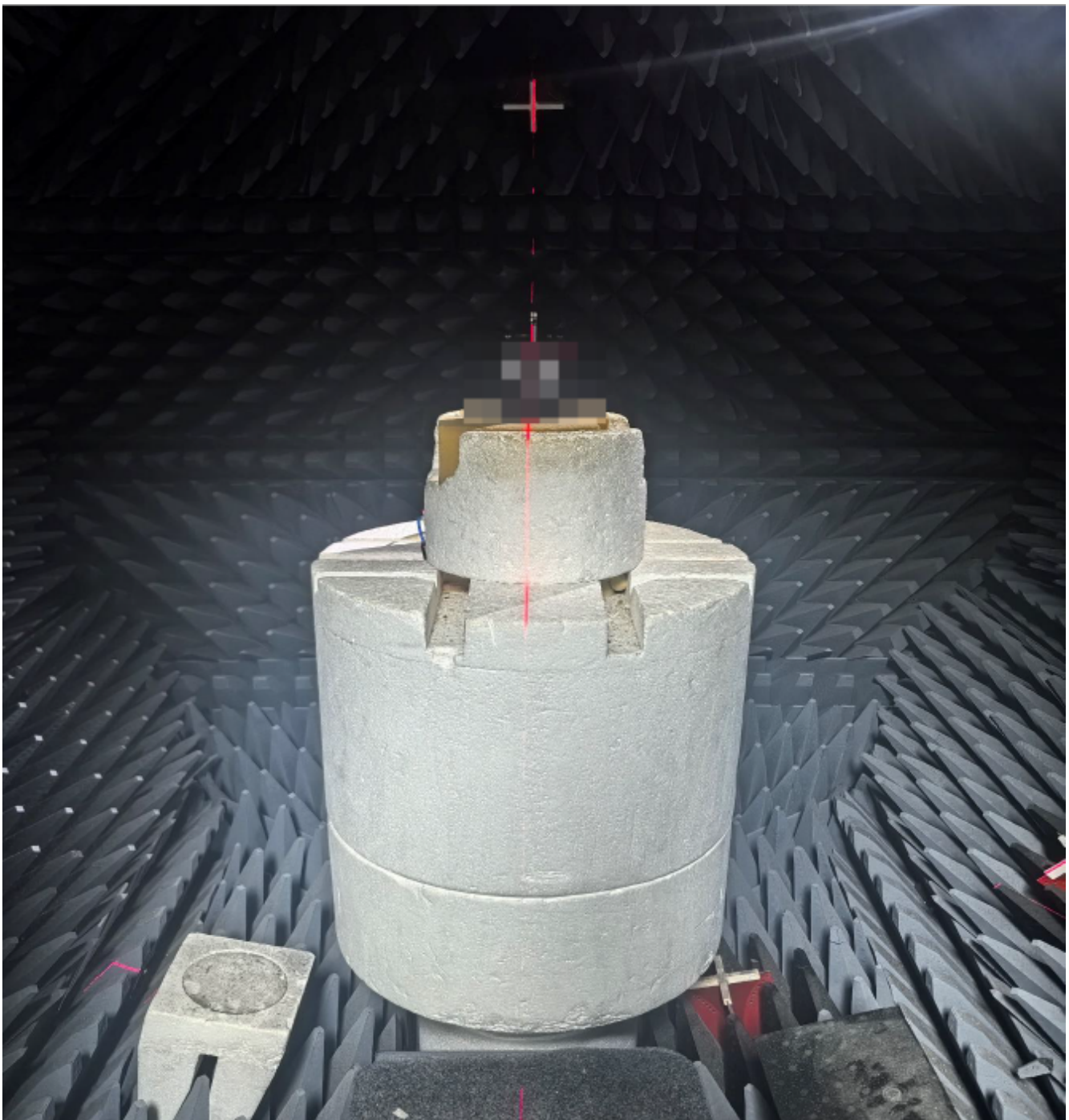
Test equipment

Wireless communications test set:

CMW500/MT8000A

Network Analyzer: Agilent 5071C

Anechoic Chamber : GTS 2800

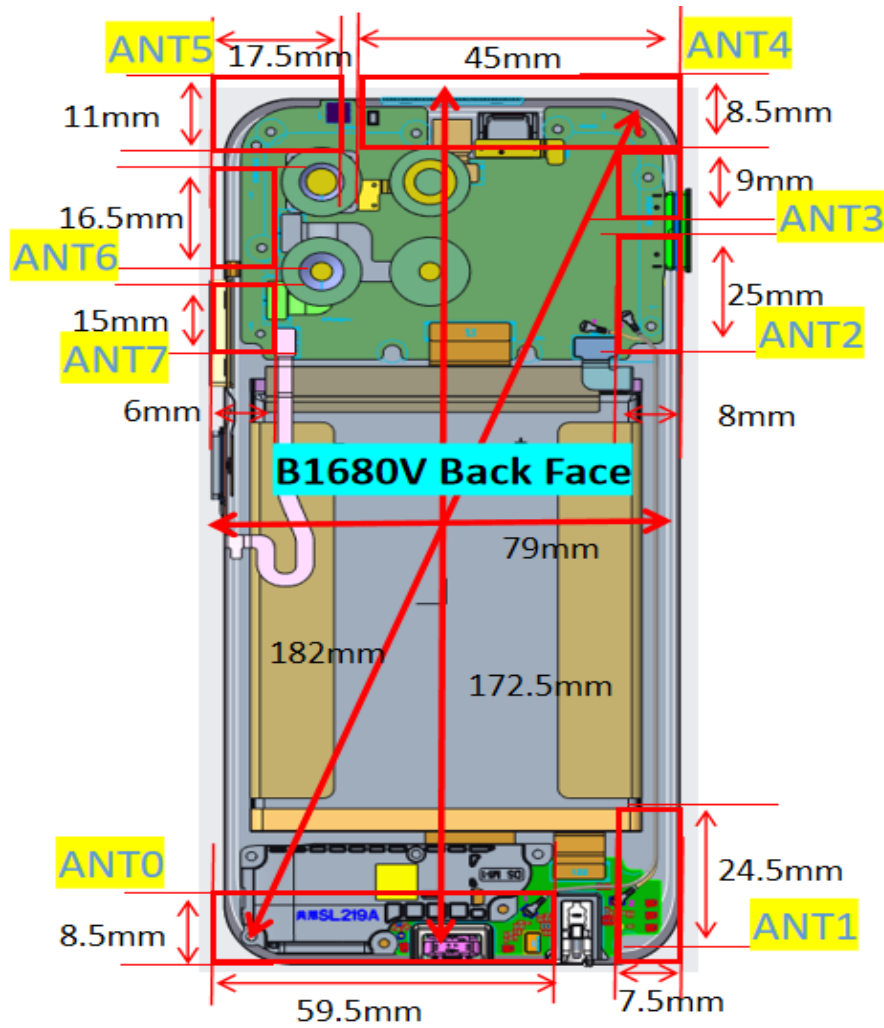


Antenna information

Customer	.
Antenna model	FPC
Antenna type	PIFA

Antenna	Support Band
ANT 0	UMTS: B5 TRX LTE: B5/12/13/17 TRX NR: N5 TRX
ANT 1	LTE:B2/4/66 PRXMIMO NR:N2/66 PRXMIMO NR:N77 DRX
ANT 2	UMTS:B2/4 DRX LTE: B2/4/7/66 DRX NR: N2/66 DRX NR:N77 PRXMIMO
ANT 3	NR:N77 TRX
ANT 4	UMTS: B5 DRX LTE: B5/12/13/17 DRX NR: N5 DRX UMTS:B2/4 TRX LTE: B2/4/7/66 TRX NR: N2/66 TRX
ANT 5	GPS L1+BT+2.4G&5G WIFI
ANT 6	LTE: B2/4/66 DRXMIMO NR: N2/66
ANT 7	NR: N77 DRXMIMO

Antenna Location



Antenna Max. Peak Gain:

ANT 0	
Band	Gain
WCDMA B5/LTE B5/N5	-4.0
LTE B12	-3.1
LTE B13	-3.6
LTE B17	-3.1
LTE B20	-3.7
LTE B28	-3.3

ANT 1 RX	
Band	Gain
LTE B2	-0.16
LTE B66	-1.4

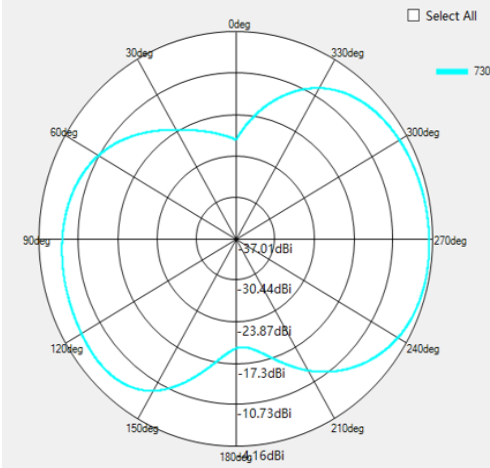
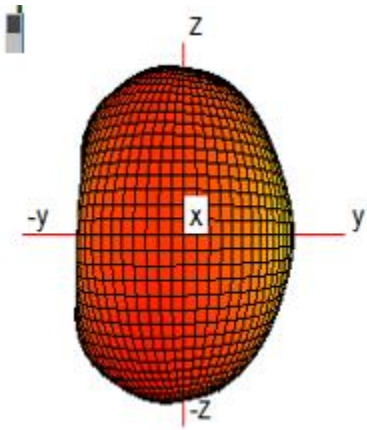
ANT 3	
Band	Gain
N77	-0.2

ANT 4	
Band	Gain
WCDMA B2/LTE B2/N2	-1.9
LTE B4	-1.2
LTE B7	-0.8
LTE B66/N66	-1.2

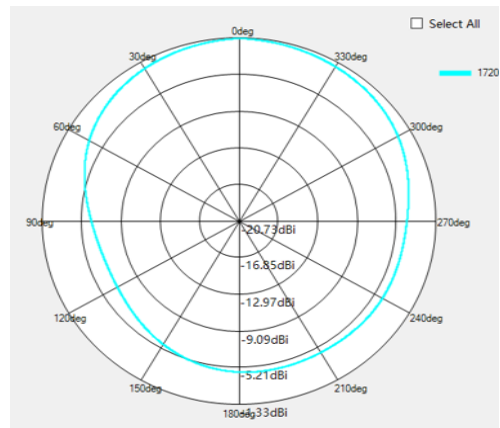
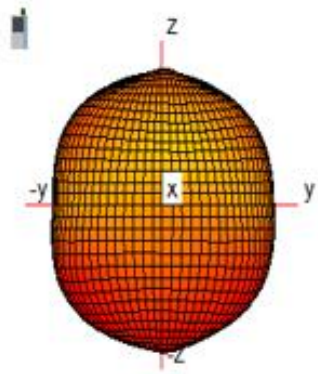
ANT 5	
Band	Gain
GPS	-0.2
2.4G WIFI/BT	-0.1
5G WIFI	-1.2

3. Radiation pattern diagram

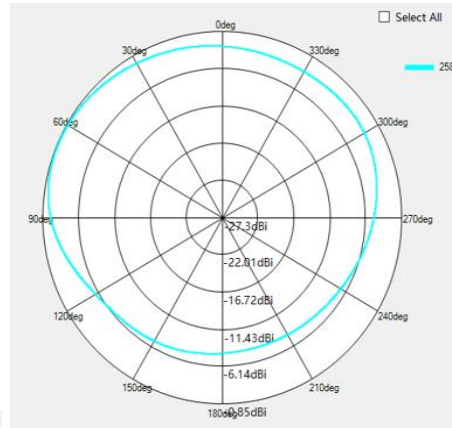
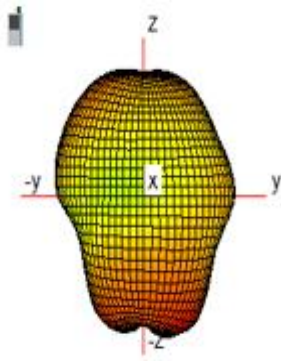
603MHZ~960MHZ



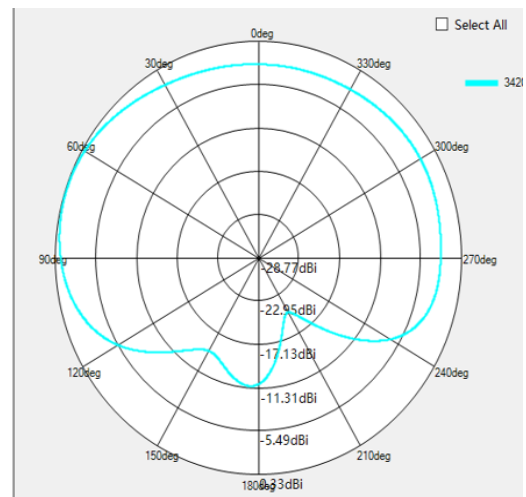
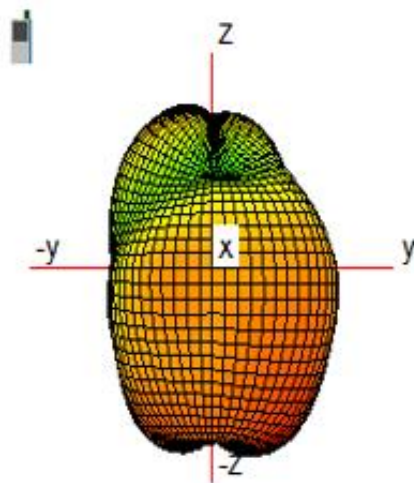
1710MHZ~2170MHZ



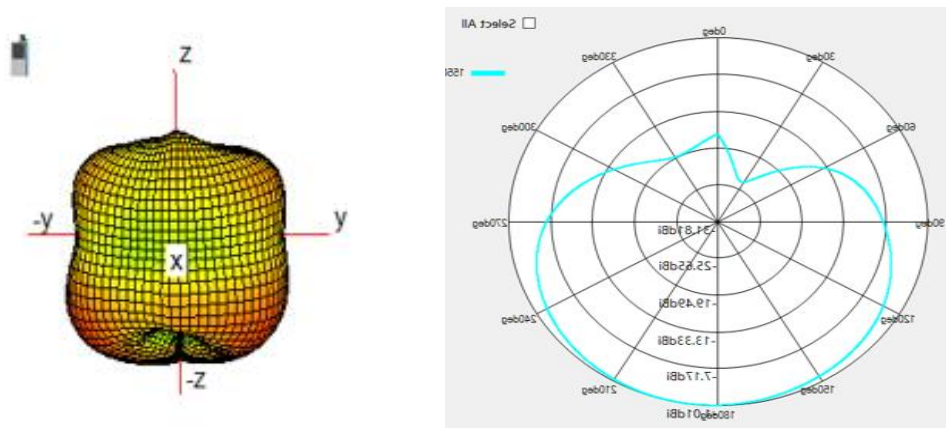
2300MHZ~2360MHZ



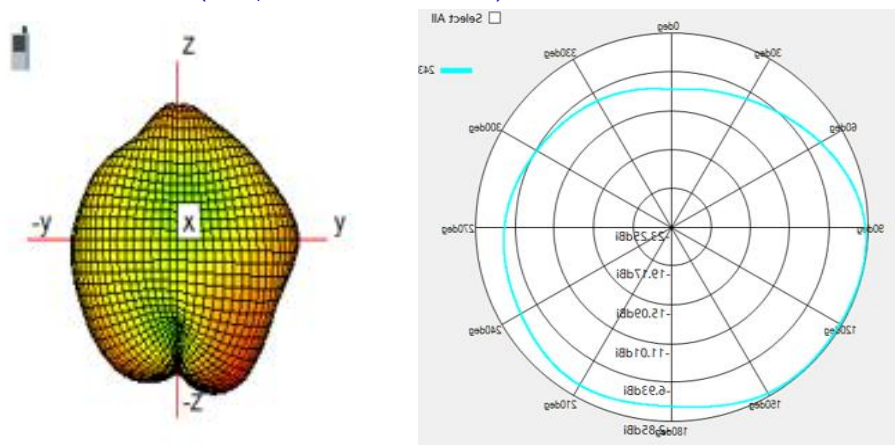
3300MHZ~4200MHZ



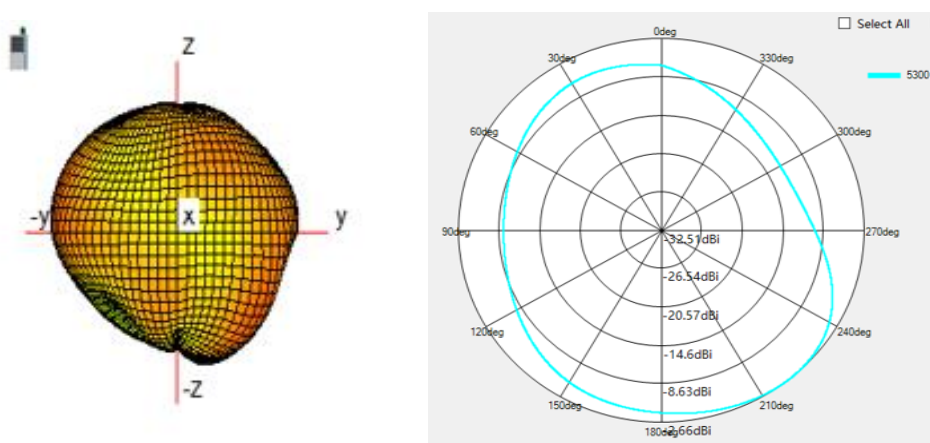
1550~1600MHz (GPS)



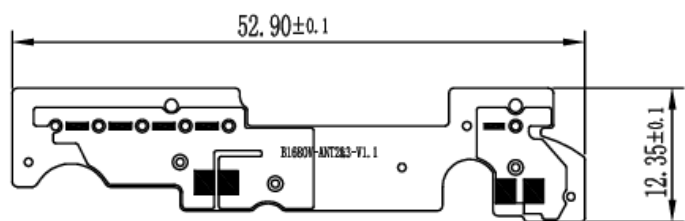
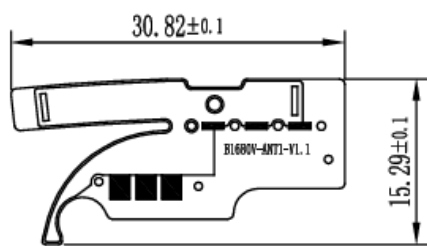
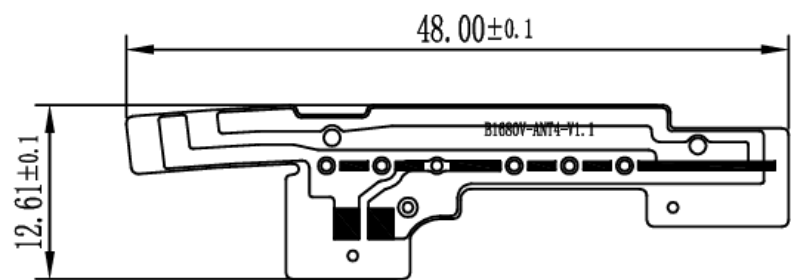
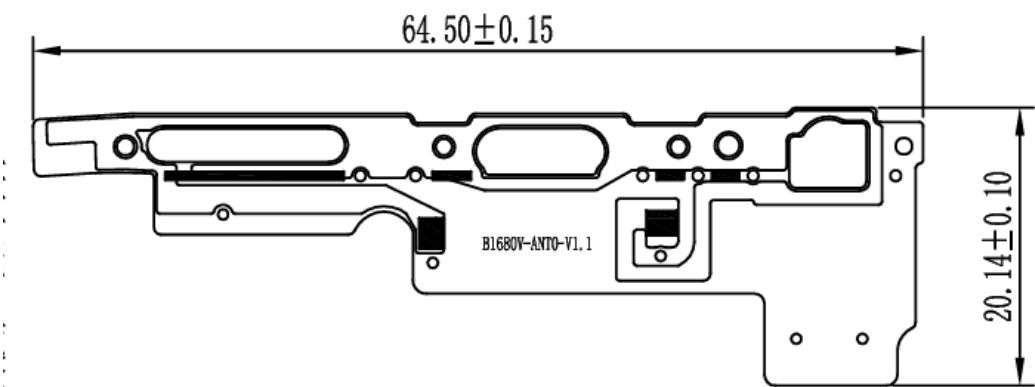
2400MHZ~2500MHZ (BT/WIFI 2.4G)



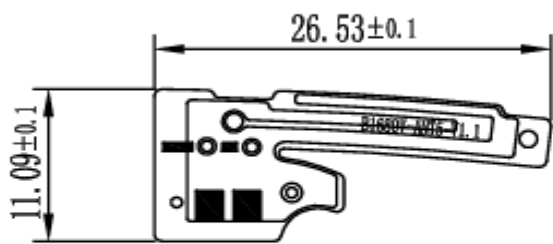
5150MHZ~5850MHZ (WIFI 5G)



Dimensional drawing of main antenna



Dimensional drawing of GPS/WIFI/BT antenna



Dimensional drawing of diversity antenna

