

AX6786A Antenna Product Specification

Entry Name	AX6786A
Frequency Channel	Main GSM B2/3/5/8 WB1/2/4/5/6/8/19 LTEB1/2/3/4/5/7/8/12/13/14/17/19/20/25/26/28/ 29/30/38/40/41/66/71 DIV:750~960MHz, 1805~2700MHz
Supplier Name	INNOWAVE

1. Type of Antenna:

Main : PIFA

GPS/ WIFI: PIFA

DIV: PIFA

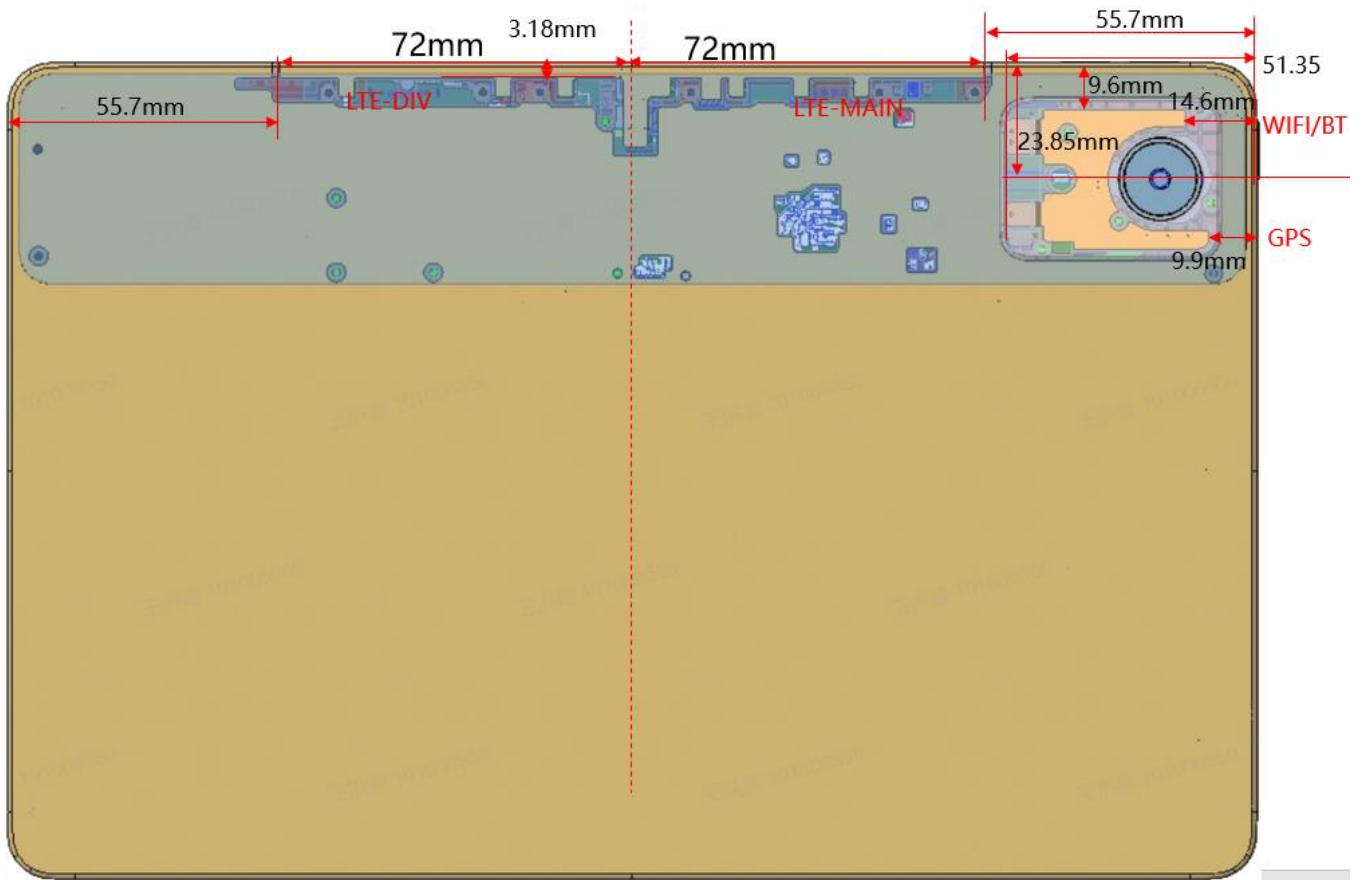
Model No:

RX-AX6786A-WIFI+GPS-T67 (LTE)

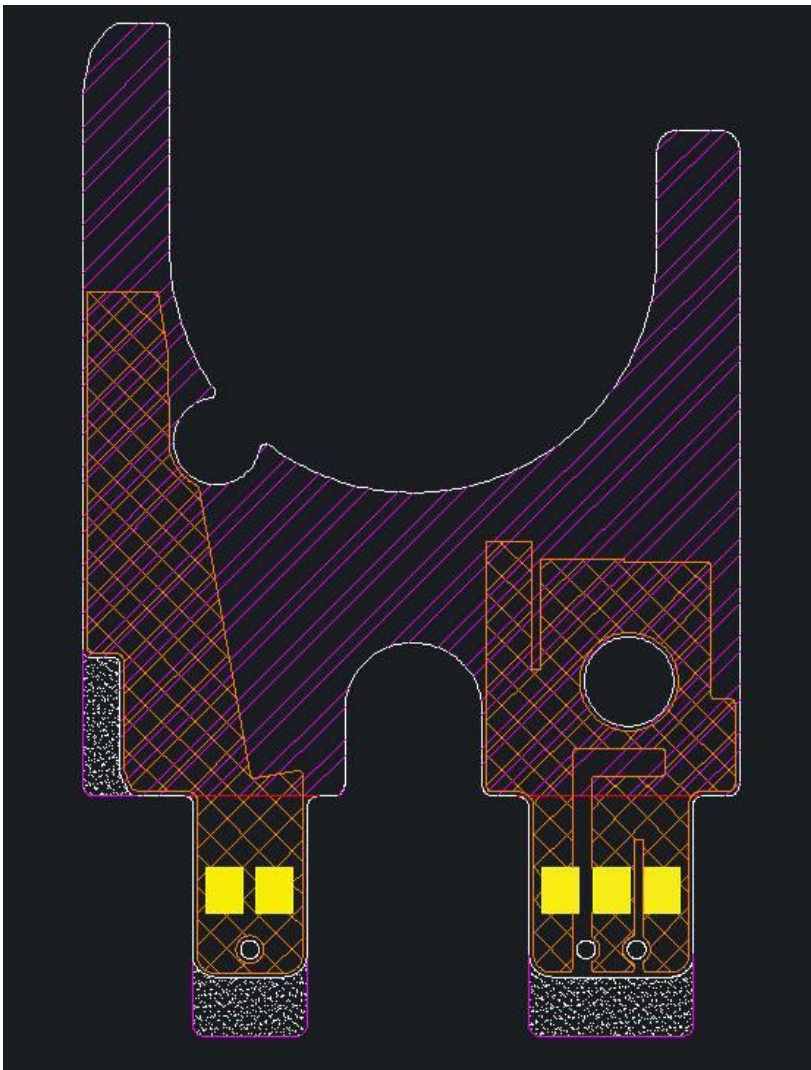
(The red characters above will automatically upgrade with the upgrade of the version)

Antenna attachment type: Fixed/Internal mounted

2. Antenna Area



GPS/ WIFI ANT



Main ANT

Using a frame to make metal without a separate physical antenna

DIV ANT

Using a frame to make metal without a separate physical antenna

3. Efficiency and Gain

MAIN- Efficiency and Gain

BAND	Peak Gain(dBi)
WB1/LTE B1	-0.52
GSM1900/WB2/LTE B2	-1.1
GSM850/WB5 (6/19)/LTE B5/19/20	-1.88
LTE B7/38/41	-0.9
LTE B12/17	-4.97
LTE B13	-3.18
LTE B14	-3.23
LTE B25	-0.9
LTE B26	-1.97
LTE B30/40	-1.64
LTE28	-4
GSM900/WB8/LTE B8	-2.53
GSM1800/W4/LTE B3/4/66	-0.32
LTE B71	-2.92

GPS/WIFI Efficiency and Gain

WiFi: -1.64dBi@2.4G;

5G:

Fre (MHZ)	Peak Gain(dBi)	Average Gain(dB)
Band1	-3.12	-5.9
Band2	-3.48	-6.12

Band3	-3.14	-6.1
Band4	-3.27	-6.13

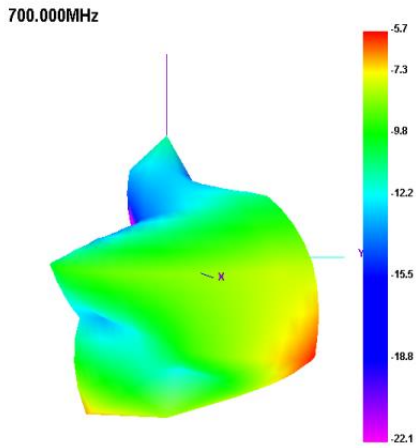
GPS: -3.71dBi

BT: -1.64dBi

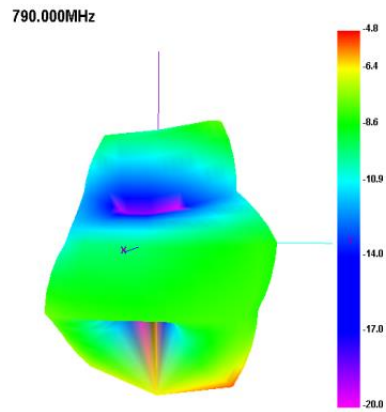
4. 3D Directional Pattern

MAIN ANT 3D

700 MHZ

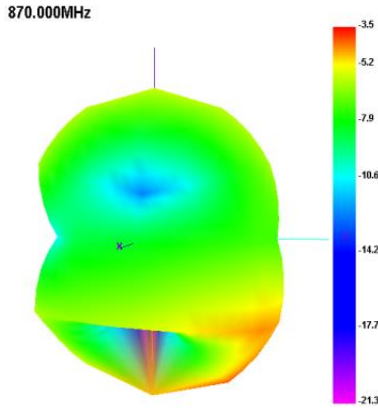


790MHZ

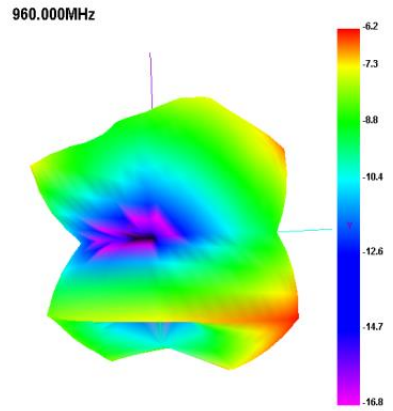


870MHZ

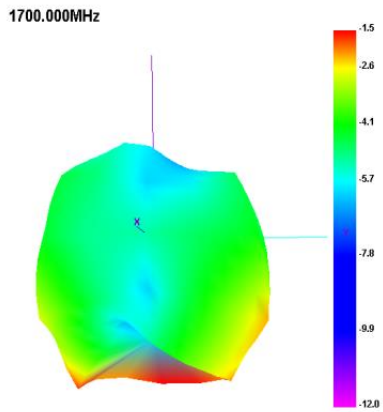
960MHZ



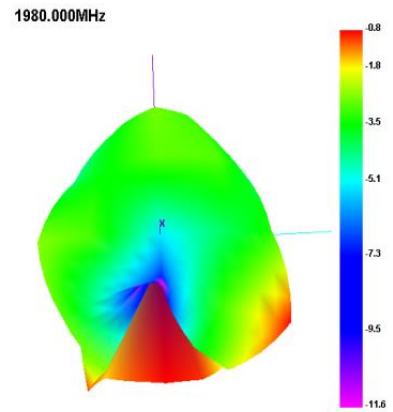
1710 MHZ



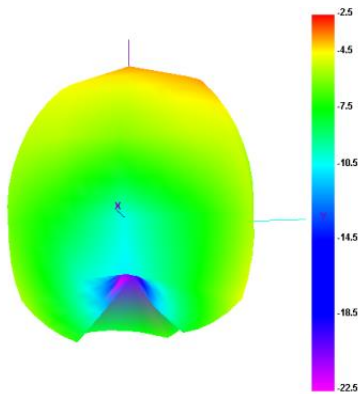
1980MHZ



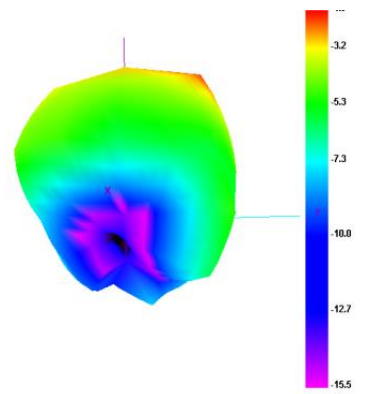
2170 MHZ



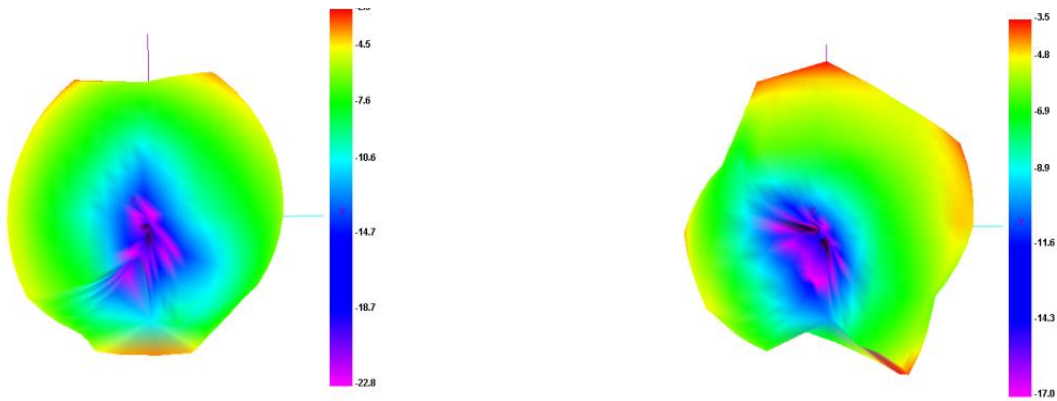
2300MHZ



2500MHZ

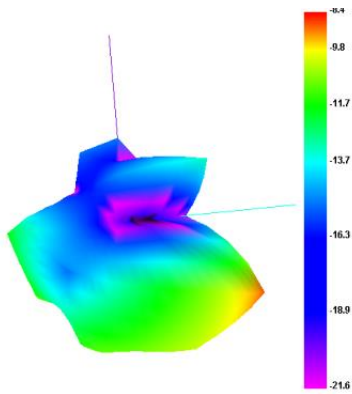


2700MHZ

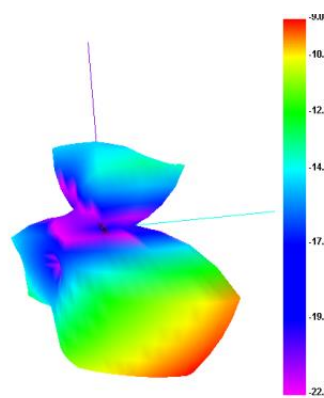


1) DIV ANT 3D

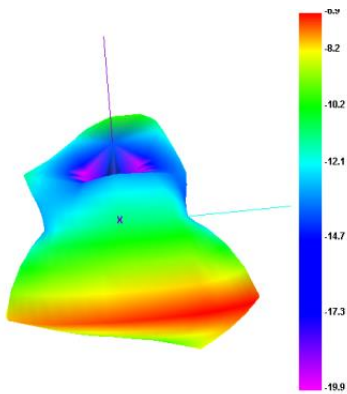
760MHZ



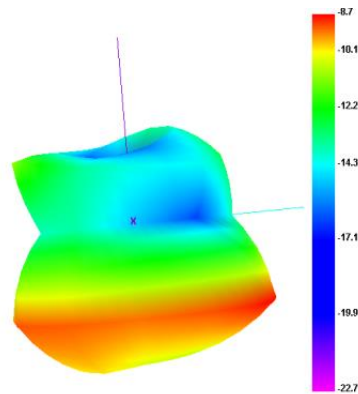
790MHZ



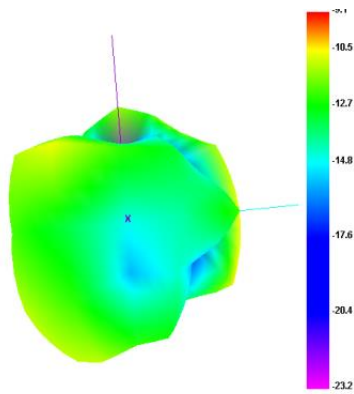
870MHZ



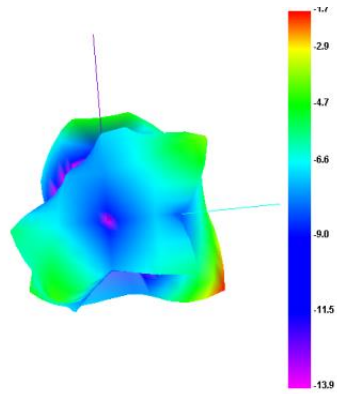
960MHZ



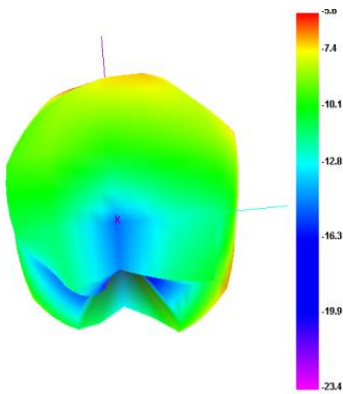
1810MHZ



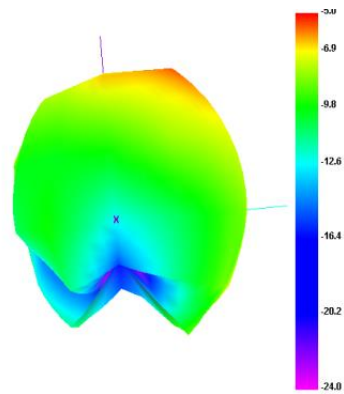
1990MHZ



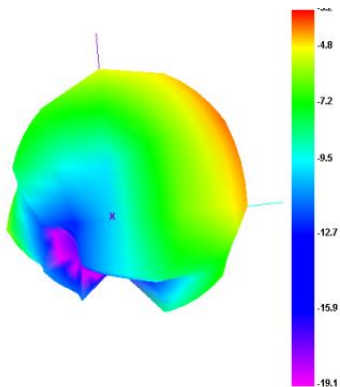
2170MHZ



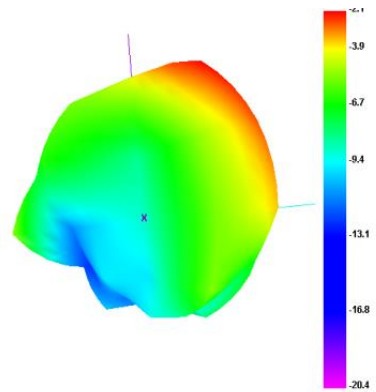
2300MHZ



2500 MHz

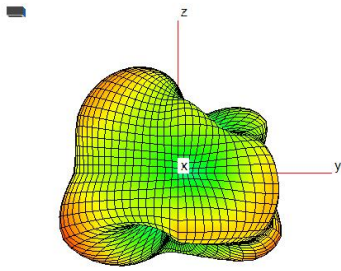


2700 MHz

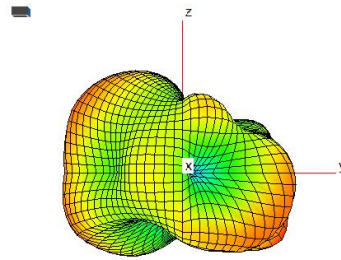


2) GPS/wifi/BT ANT 3D

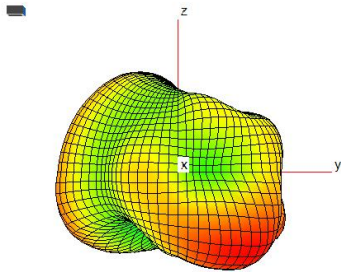
1550MHZ



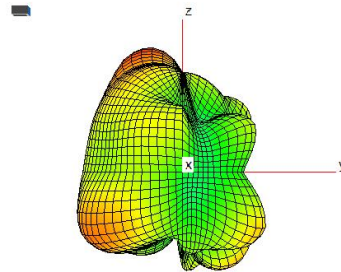
1575MHZ



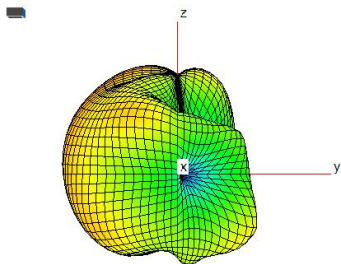
1600MHZ



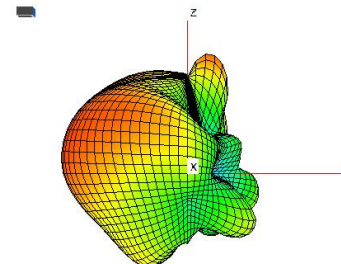
2400MHZ



2450MHZ

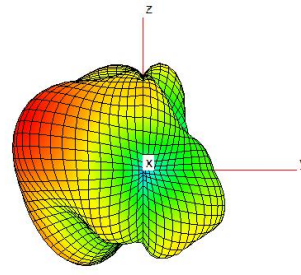
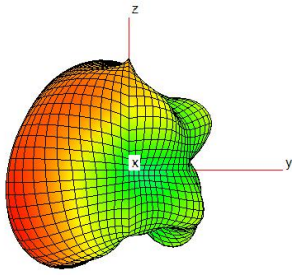


2500MHZ



5140MHZ

5460MHZ



5860MHZ

