

# ANTENNA TEST REPORT

## APPROVAL SHEET

Customer	tianlongshiji	Specs	L103
Part Number		Frequency Band	2G:GSM850/900/1800/1900 3G:WCDMA-B1/2/4/5/8 4G:LTE-B1/2/3/5/8/12/20/28/38/40/41
Color	Black	Edition	REV:A0
Salesperson		Design	
Structure		Confirm	
Date	2024/10/15	Signing Date	

Customer confirmation:

ANT Manufacturers: ANWEI communication Equipment Co.,Ltd  
Address:2nd Floor, East Block, Building 5, Yifenghua Innovation Industrial Park, Huaning Road, Dalang Street, Longhua District, Shenzhen City, Guangdong Province

# MAIN ANTENNA

Model : L103-MAIN-AW-V0.4

**Working frequency band:** 647MHZ~960MHZ 1710~2690MHZ

2G:GSM850/900/1800/1900

3G:WCDMA-B1/2/4/5/8

4G:LTE-B1/2/3/5/8/12/20/28/38/40/  
41

Antenna Gain for each Bands:

LTE B1:2.2dbi

LTE B2:1.8dbi

LTE B3:0.5dbi

LTE B5:1.5dbi

LTE B7:1.3dbi

LTE B8:1.8dbi

LTE B12:1.2dbi

LTE B20:1.5dbi

LTE B28a:1.3dbi

LTE B28b:1.4dbi

LTE B38:0.4dbi

LTE B40:2.8dbi

LTE B41:0.4dbi

WCDMA b1:2.2dbi

WCDMA b2:1.8dbi

WCDMA b4:0.5dbi

WCDMA b5:1.5dbi

WCDMA b8:1.0dbi

WCDMA b19:1.

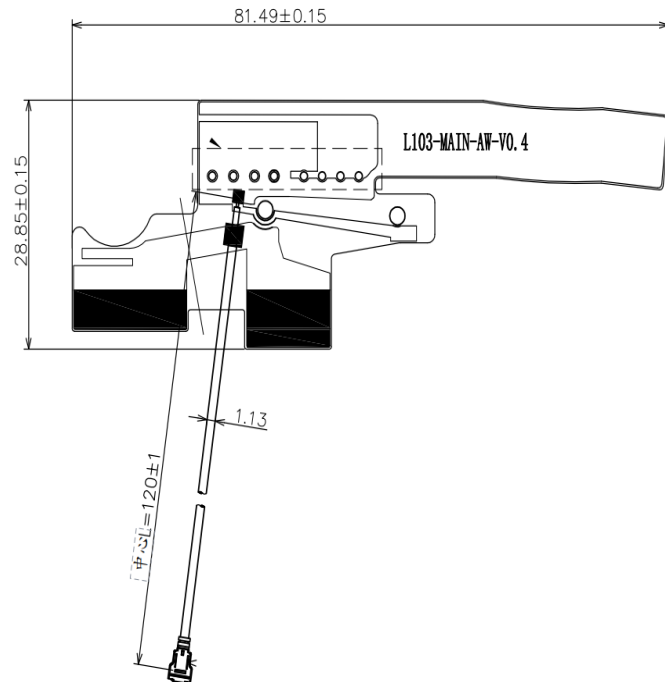
0dbi

GSM B2:1.8dbi

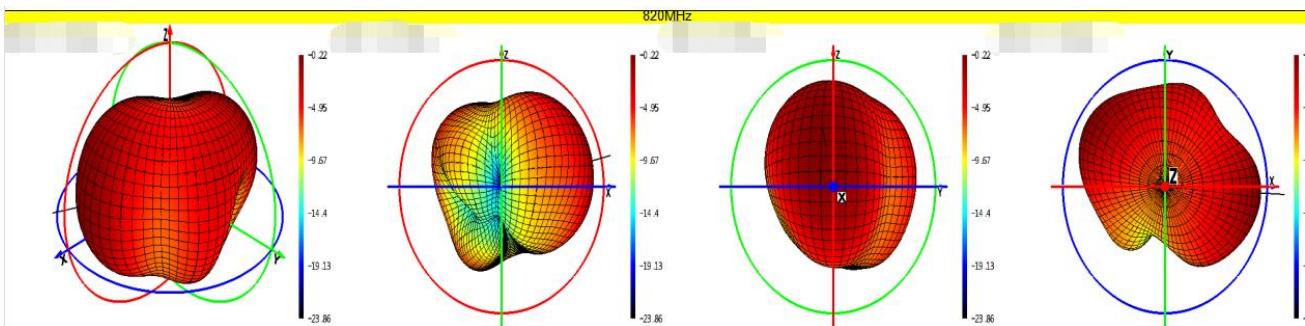
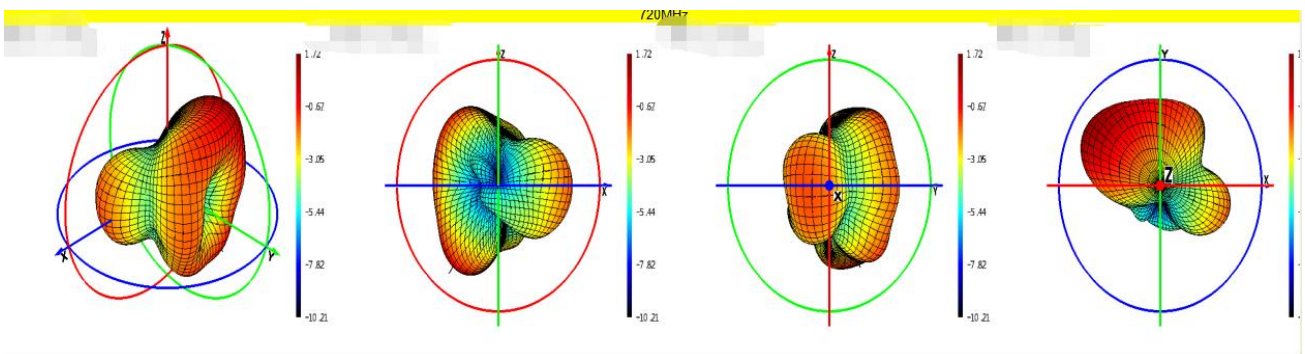
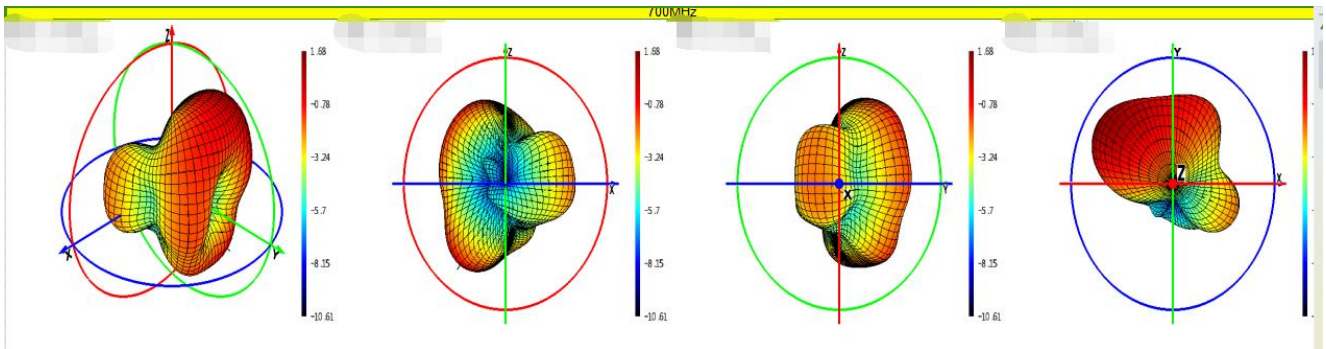
GSM B3:0.5dbi

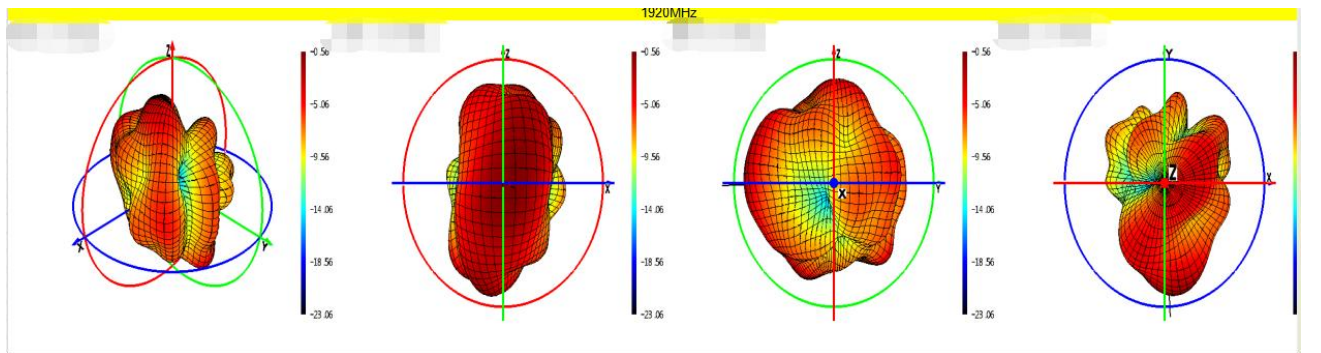
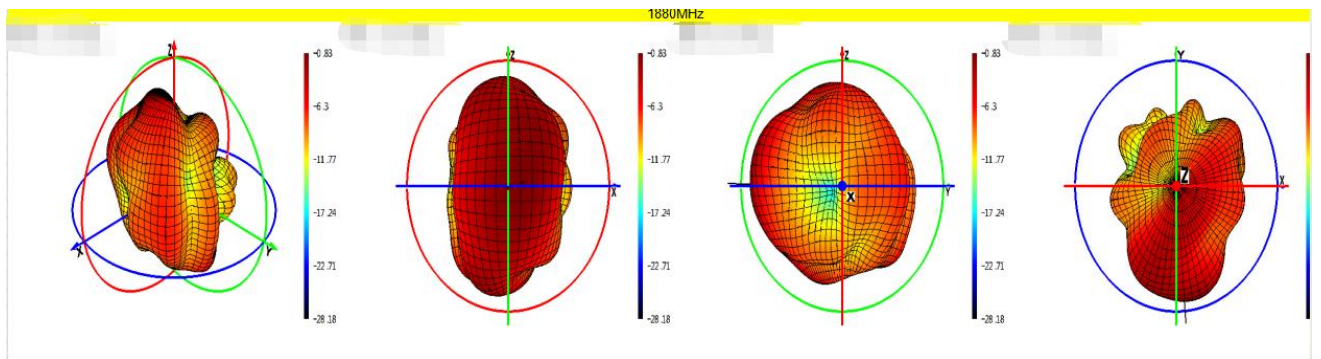
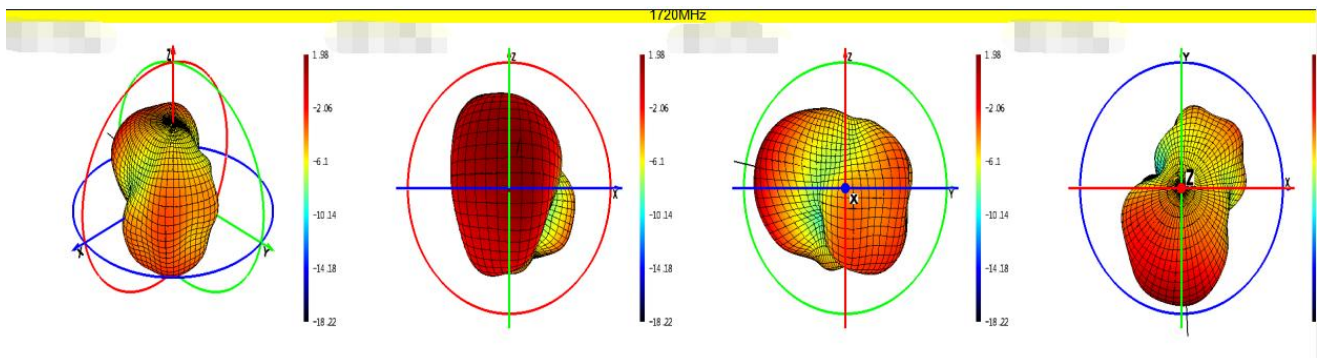
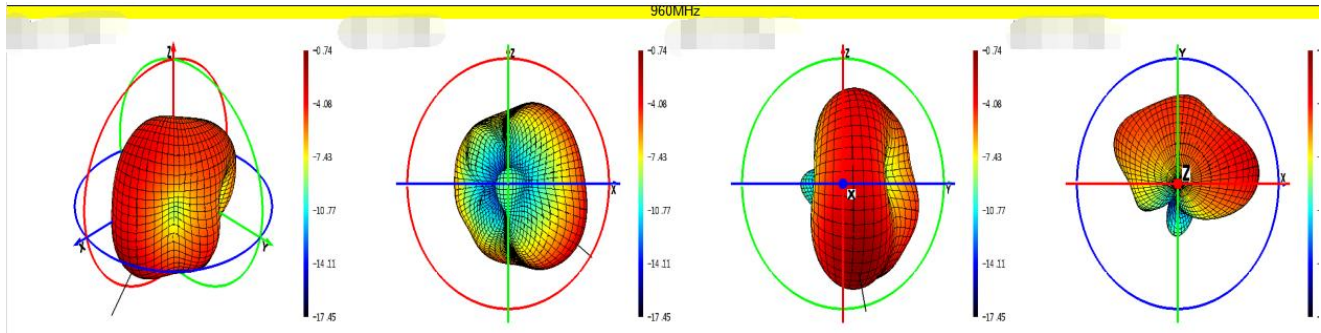
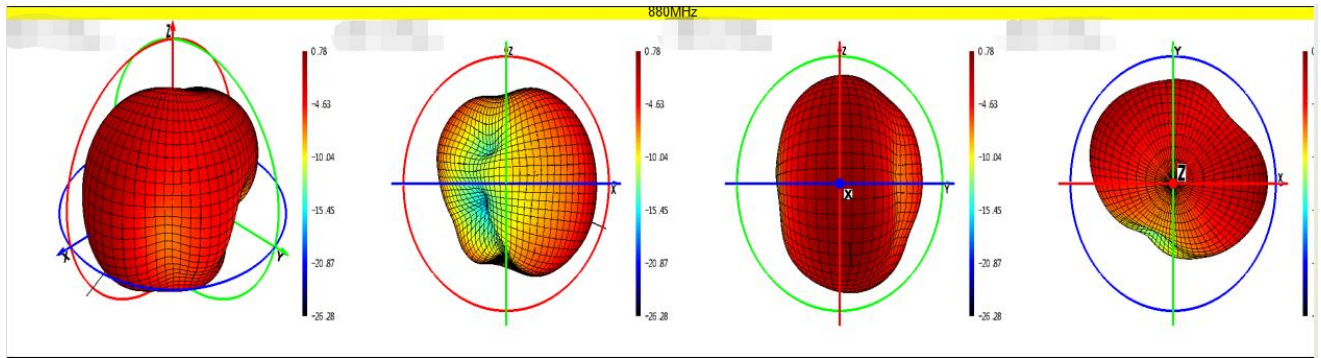
GSM B5:1.5dbi

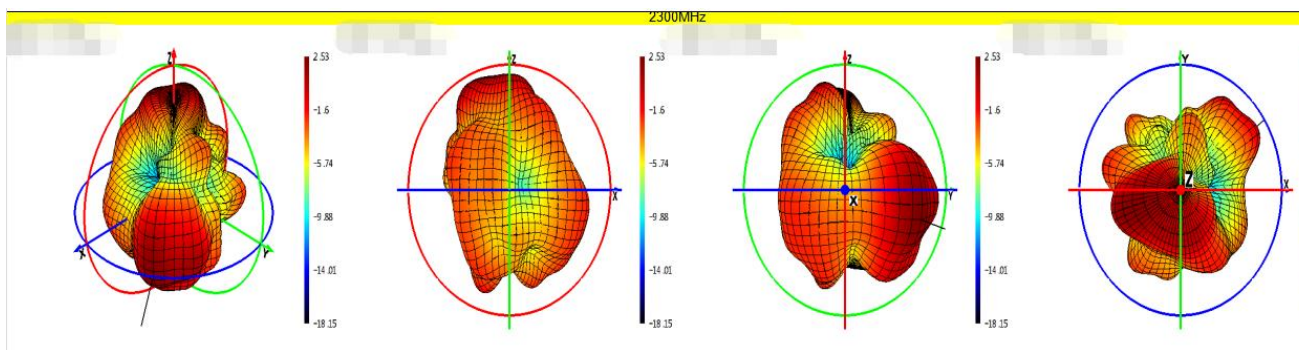
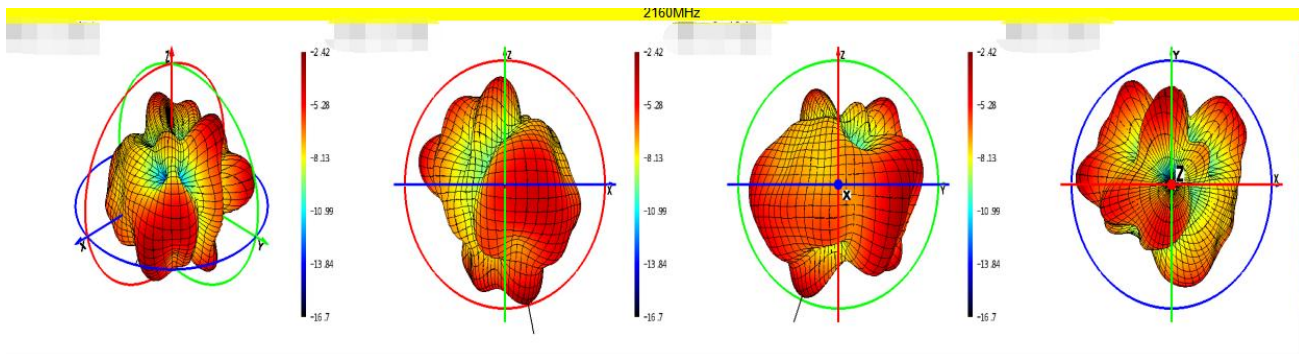
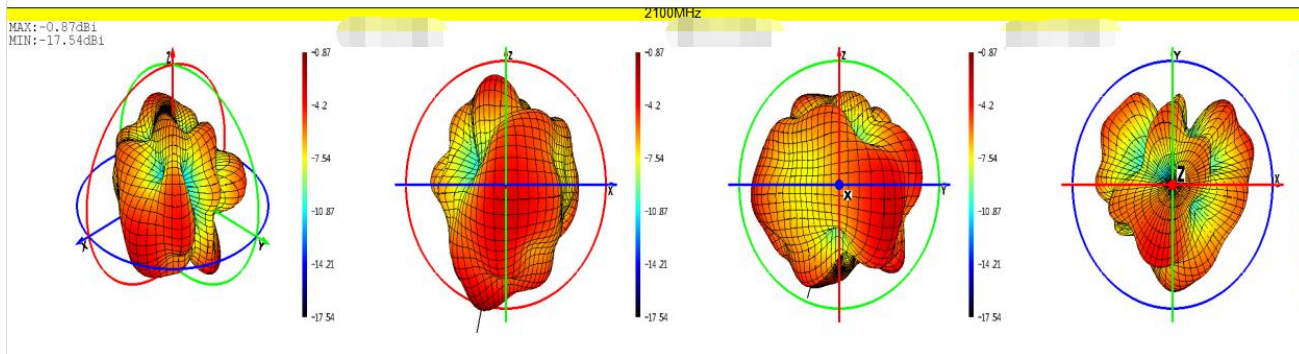
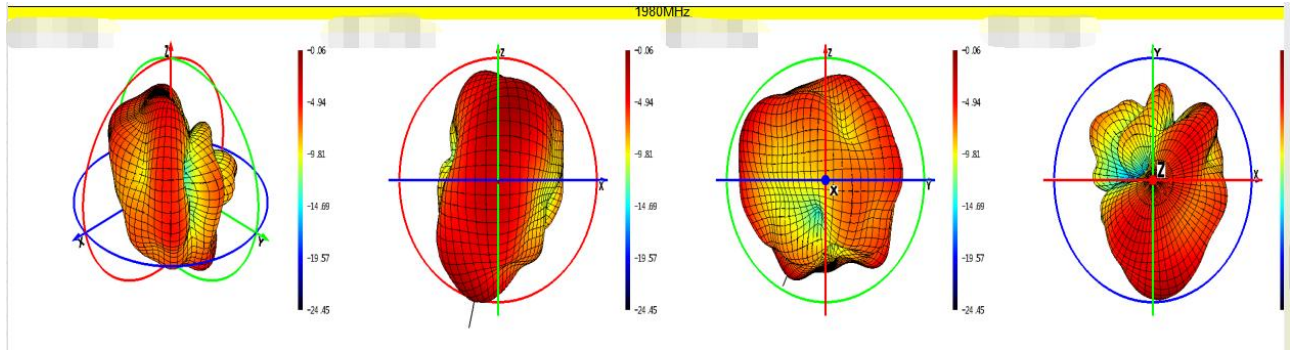
GSM B8:1.8dbi



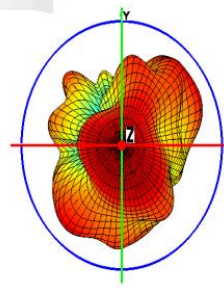
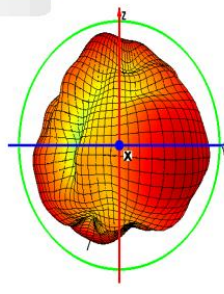
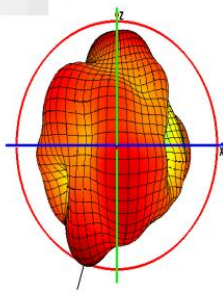
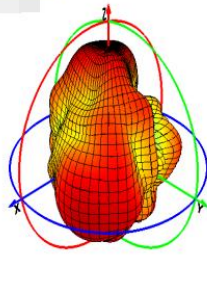
# Main antenna apple map



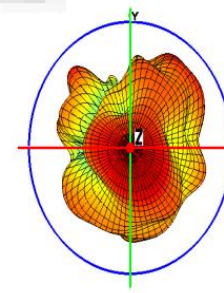
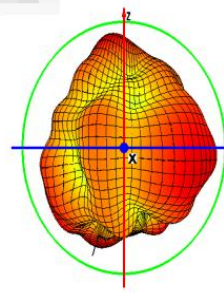
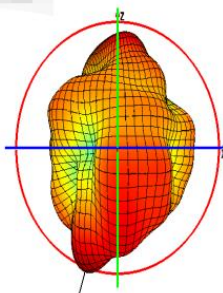
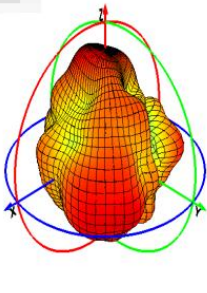




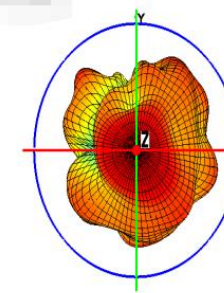
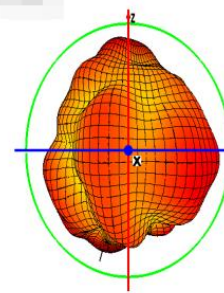
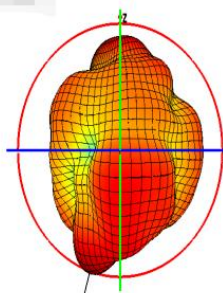
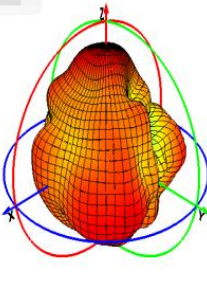
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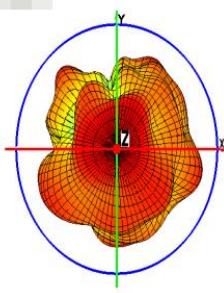
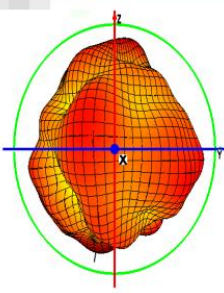
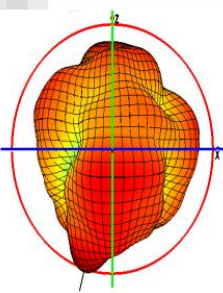
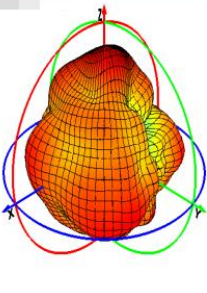
2460MHz

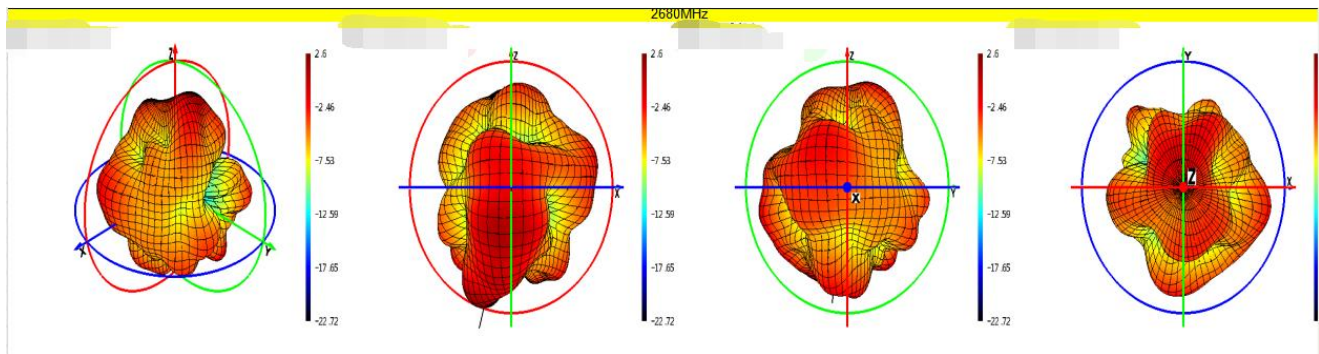
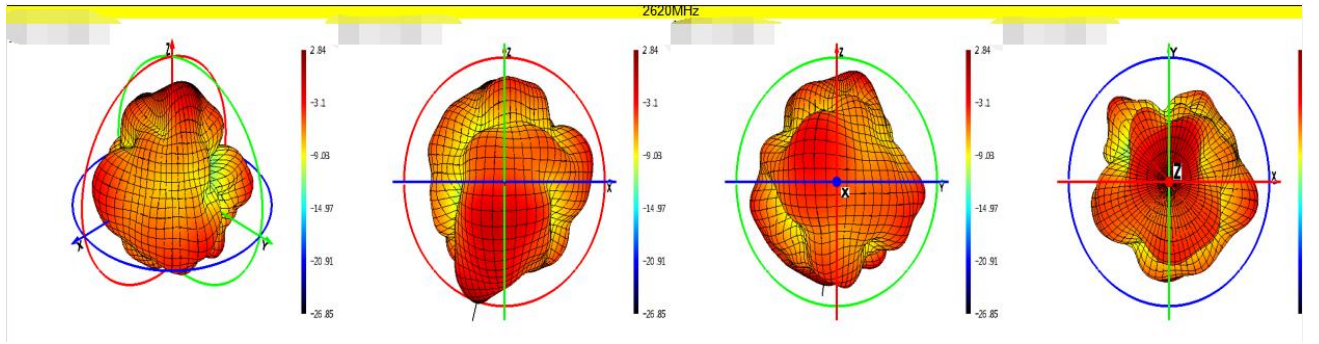


2500MHz

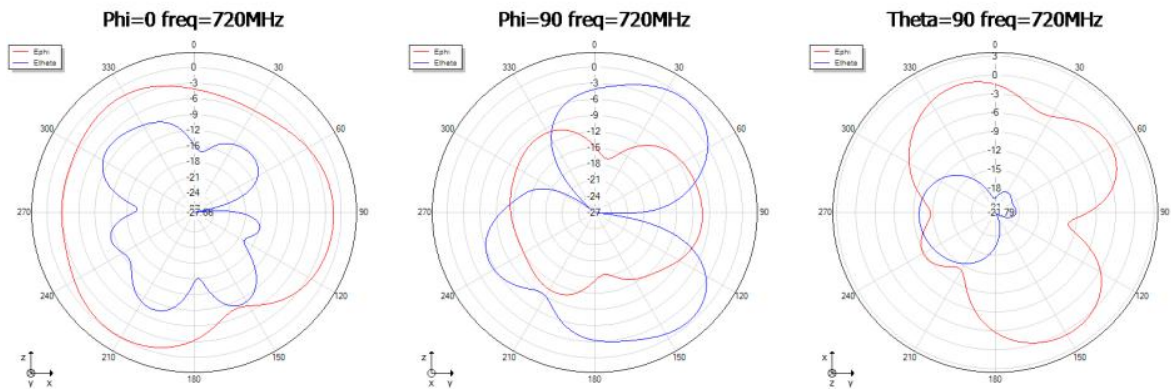
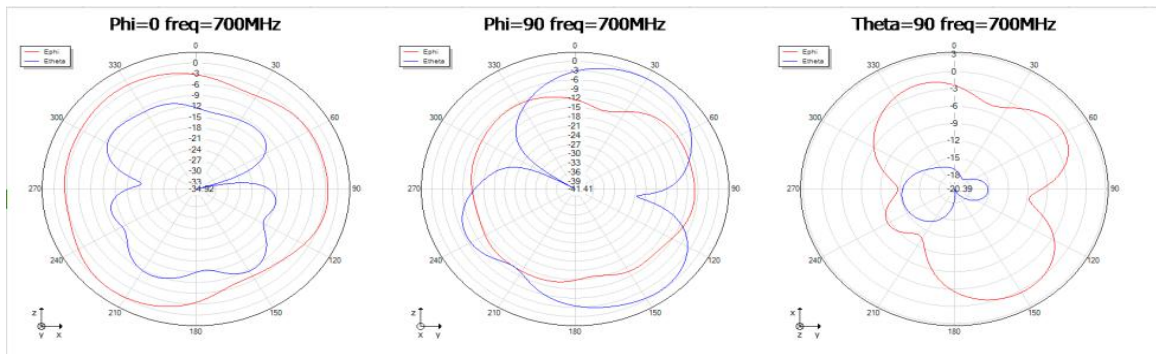


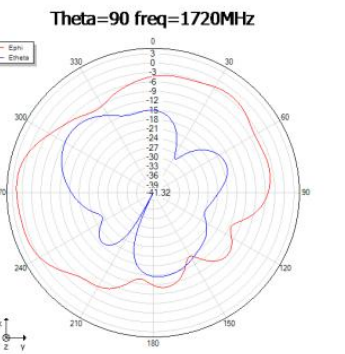
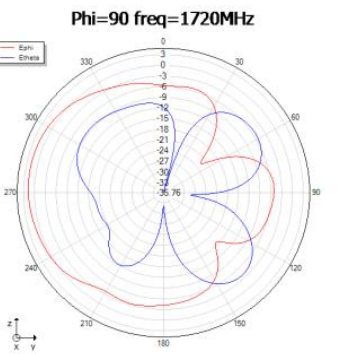
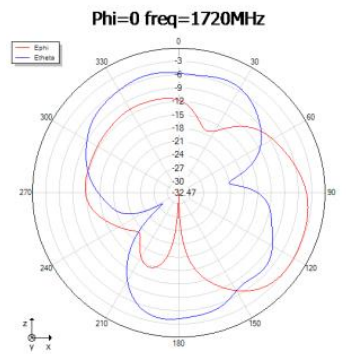
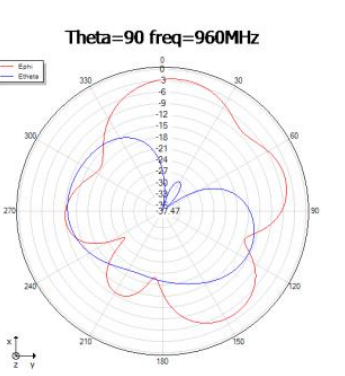
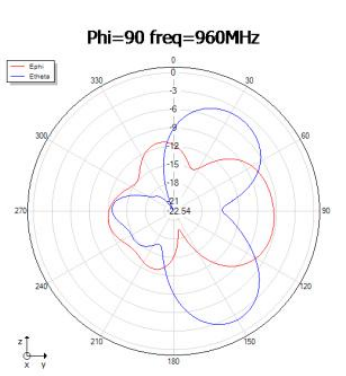
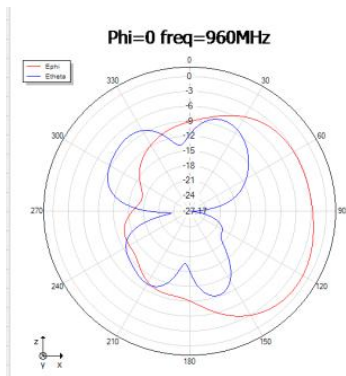
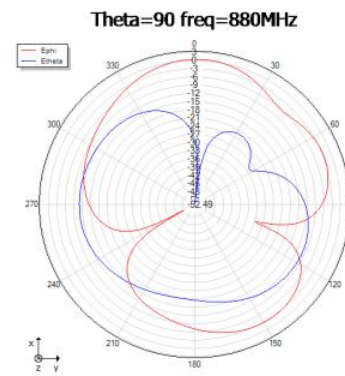
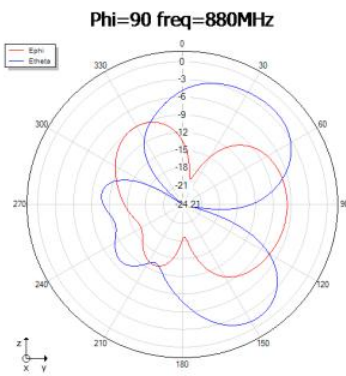
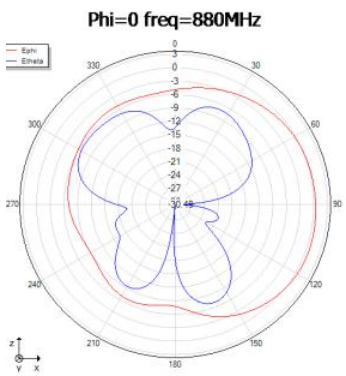
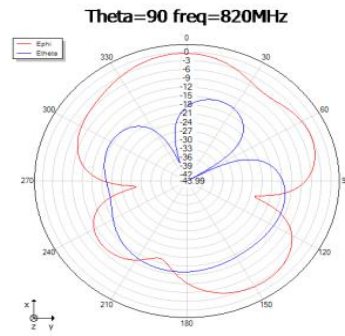
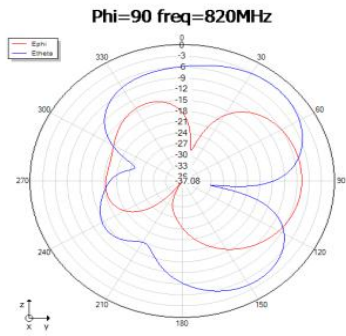
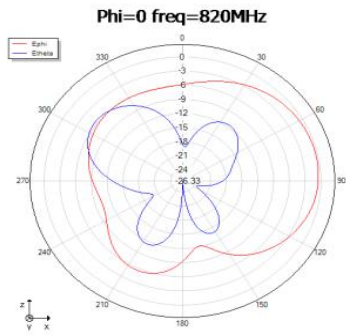
2560MHz



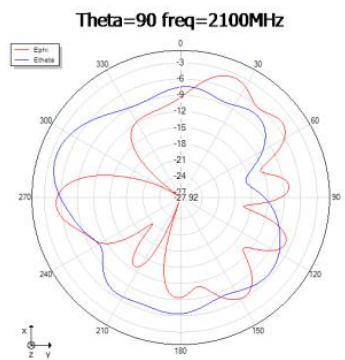
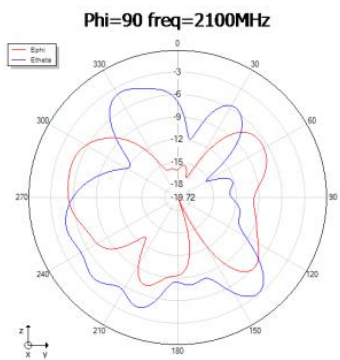
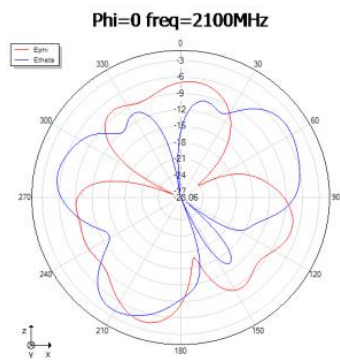
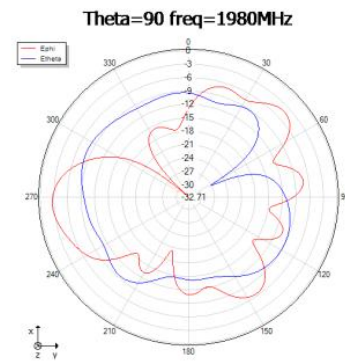
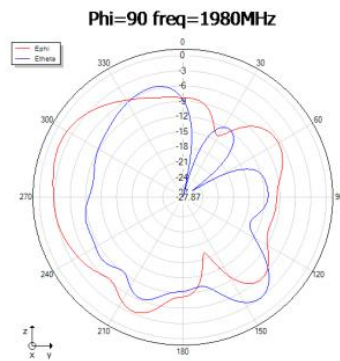
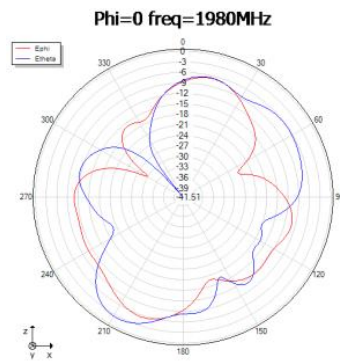
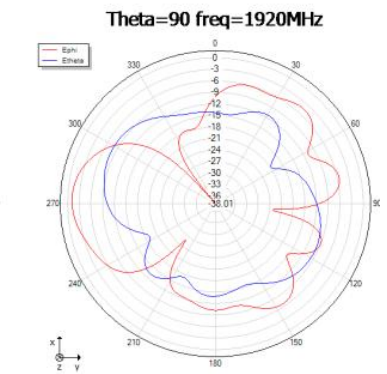
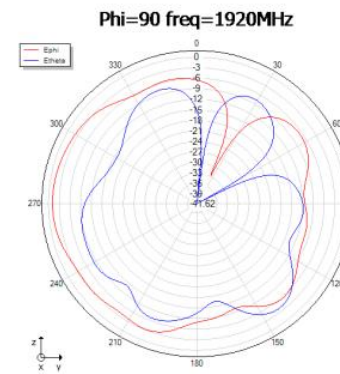
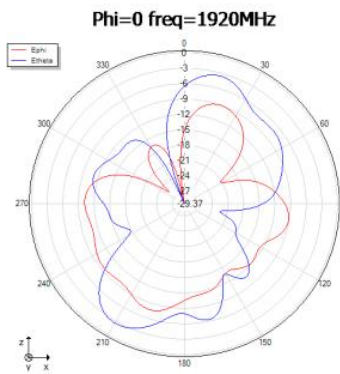
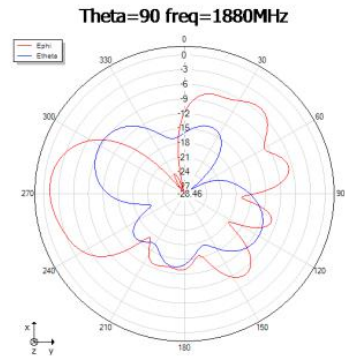
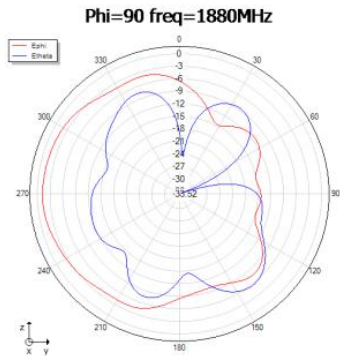
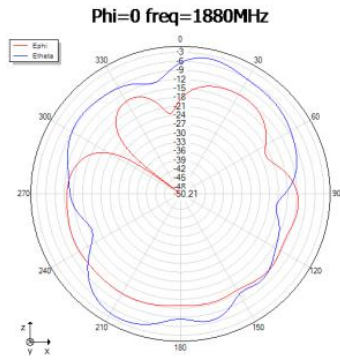


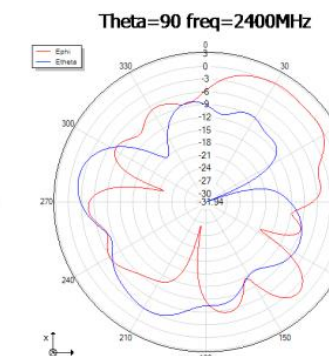
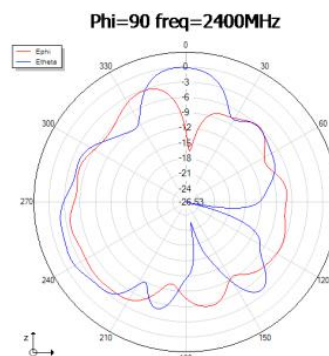
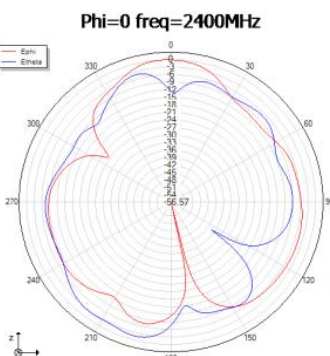
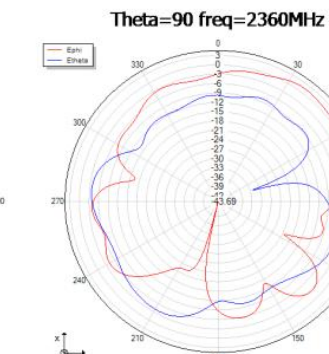
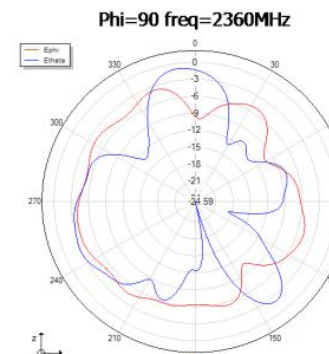
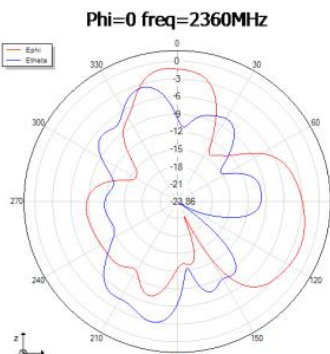
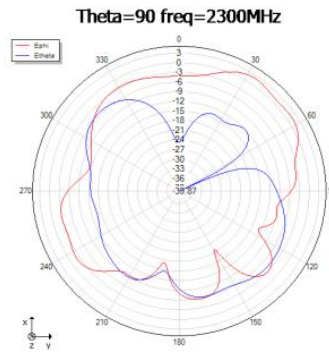
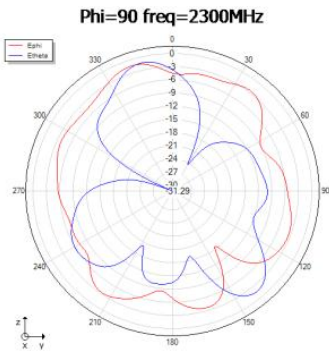
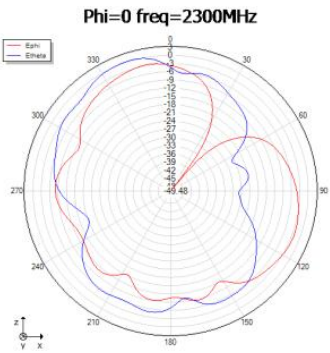
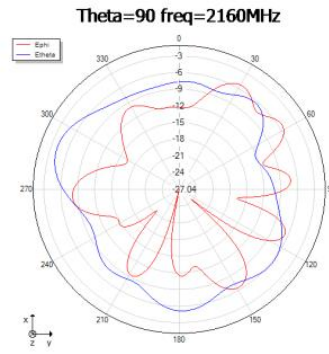
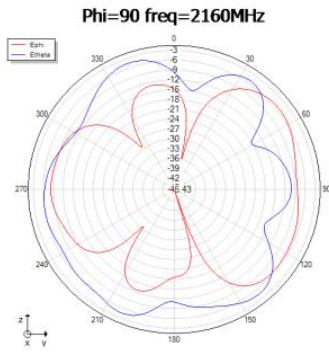
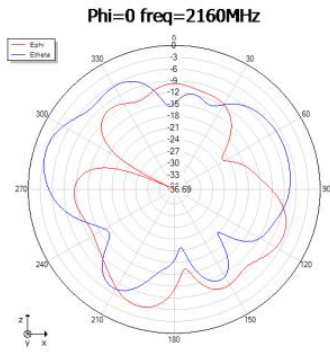
**Main antenna PolarGraphs/EtotalGraphs**

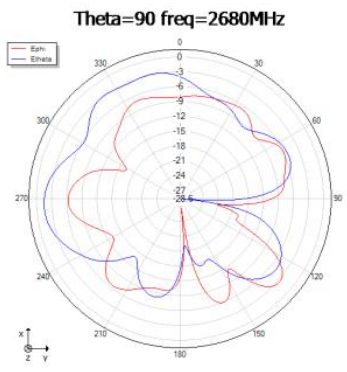
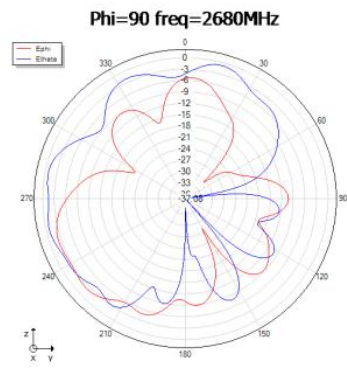
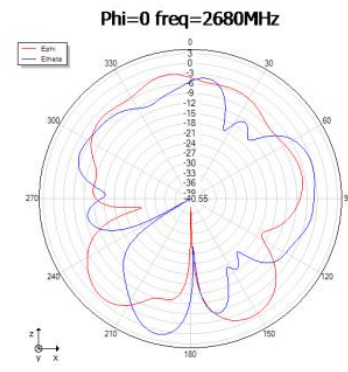
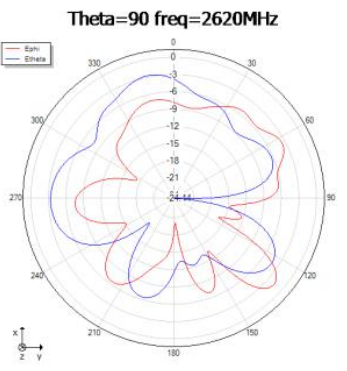
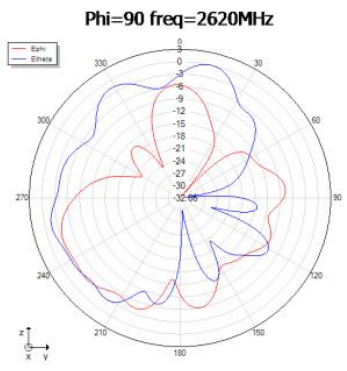
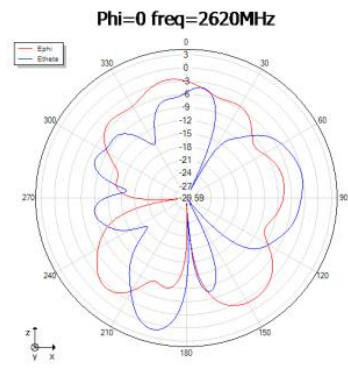
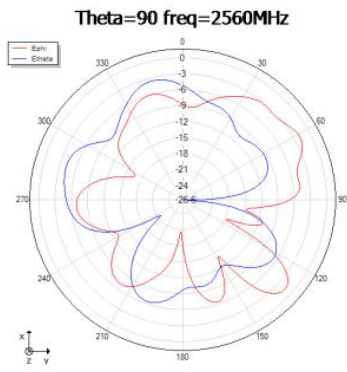
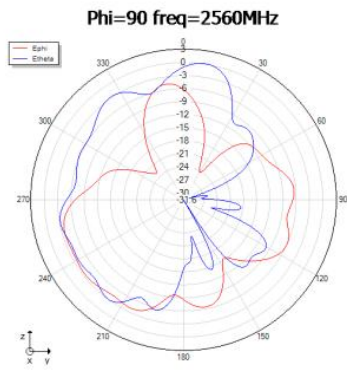
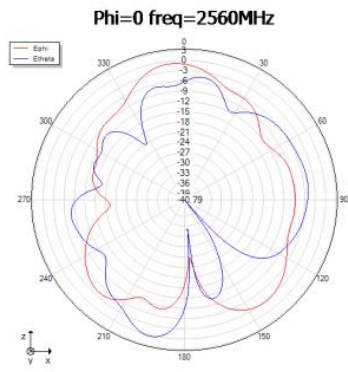
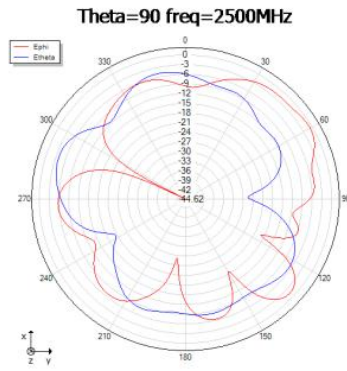
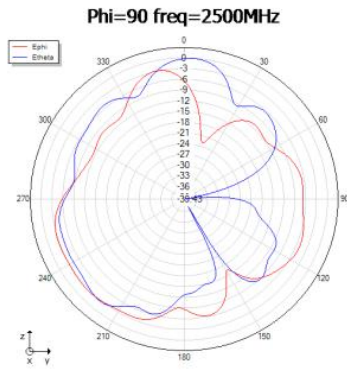
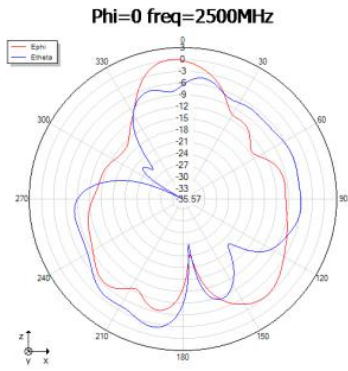










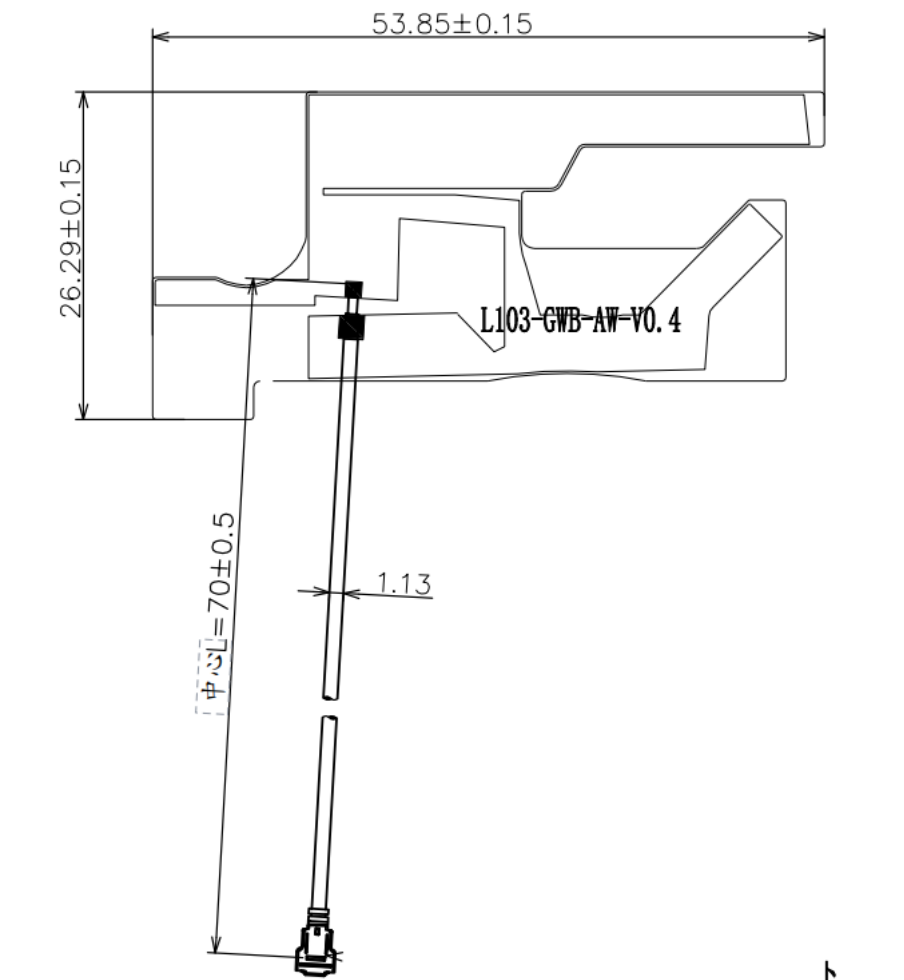


# WFI/BT ANTENNA

MODEL: L103-GWB-AW-V0.3

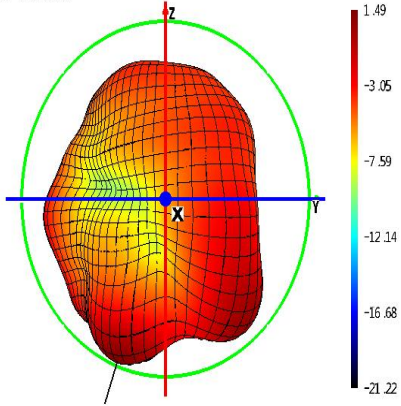
Working frequency band: 1575.42MHZ 2400~2500MHZ 5100~5800MHZ

BT/Wi Fi Antenna: 1.25dBi

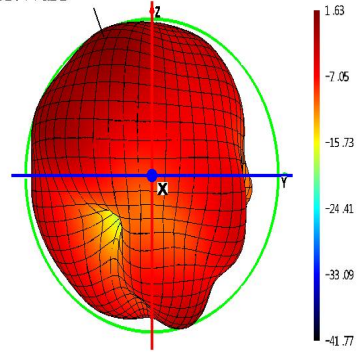


# WFI/BT Antenna Apple MAP

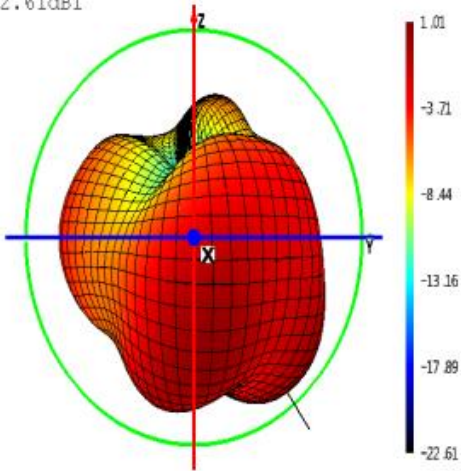
MAX: 1.49dBi  
MIN: -21.22dBi



MAX: 1.63dBi  
MIN: -41.77dBi



MAX: 1.01dBi  
MIN: -22.61dBi



# PolarGraphs/EtotalGraphs

