ANWEI commnuication Equipment Co.,Ltd

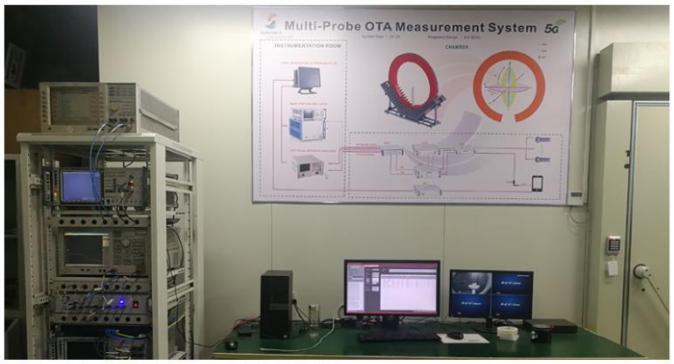
APPROVAL SHEET

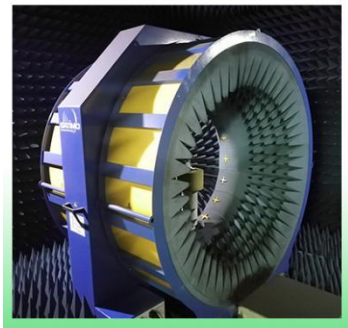
Customer	Ming Yue	Specs	F12
Part Number		Frequency Band	2G:GSM850/900/1800/1900 3G:WCDMA-B2/5 4G:LTE-B2/4/5/12/13/17/66/71
Color	Black	Edition	REV:A0
Salesperson	Mr.Zhang	Design	Zhong Zhi Hui
Structure	Qin Yun Lin	Confirm	
Date	2025/05/16	Signing Date	

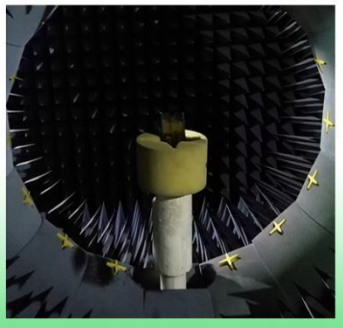
Customer confirmation:

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

Project development environment







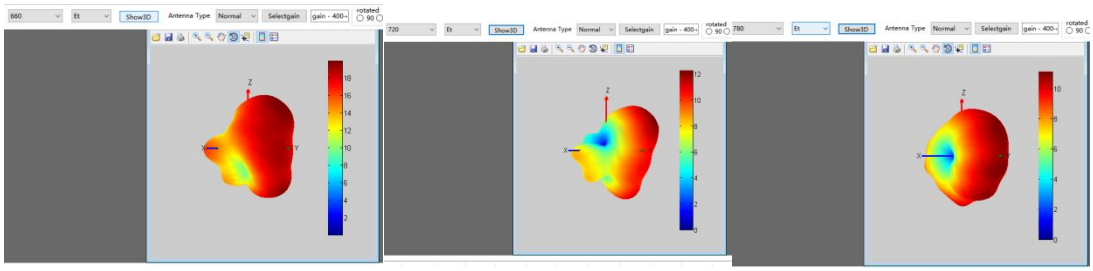
安威无线一直都是您值得信赖且优秀的合作伙伴，我们为您提供全方位一站式的产品以及技术服务!

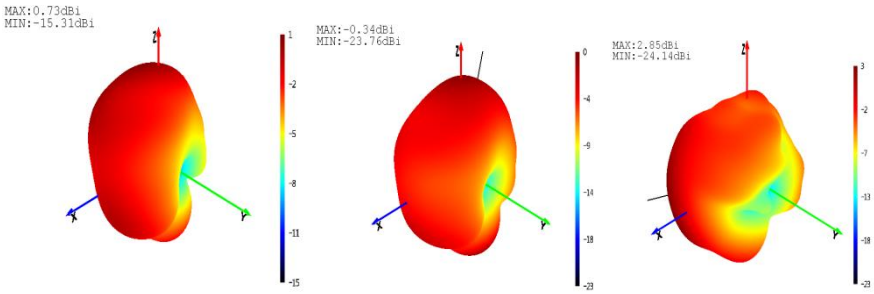
“质量第一，服务至上”是安威一直以来的发展宗旨

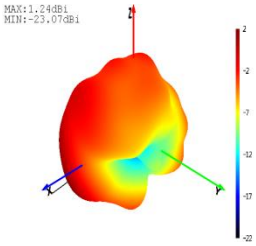
天线增益(Antenna gain)

Standard	Band	Frequency	Gain(dbi)
TDD_LTE	TDD_B2	1860	1.24
TDD_LTE	TDD_B4	1720	2.85
TDD_LTE	TDD_B5	840	0.73
FDD_LTE	FDD_B12	720	-8.62
FDD_LTE	FDD_B13	780	-7.88
FDD_LTE	FDD_B17	720	-8.62
FDD_LTE	FDD_B66	1720	2.85
FDD_LTE	FDD_B71	660	-8.93
WCDMA	WCDMA_B2	1860	1.24
WCDMA	WCDMA_B5	840	0.73
GSM	GSM850	840	0.73
GSM	GSM900	900	-0.34
GSM	DCS1800	1720	2.85
GSM	PCS1900	1860	1.24
5G WIFI		5100	0.42
5G WIFI		5300	0.87
5G WIFI		5600	1.72
5G WIFI		5800	2.85
2.4G WIFI		2450	3.88
BT		2450	3.88
GPS		1575	2.82

Main antenna apple map







（Main antenna） PolarGraphs/EtotalGraphs

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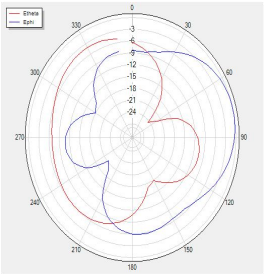

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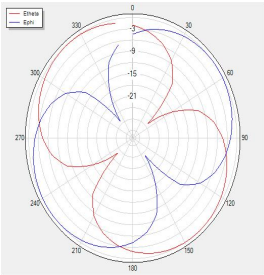
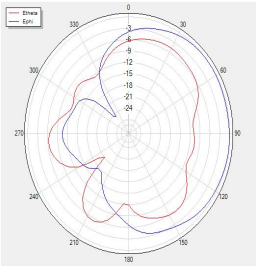
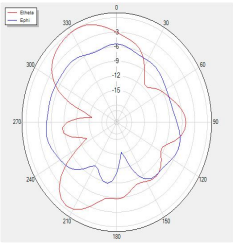


V Phi=90 freq=660MHz



V Phi=0 freq=660MHz



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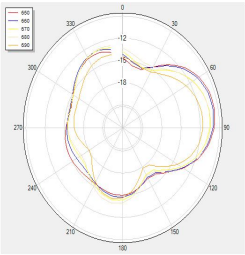

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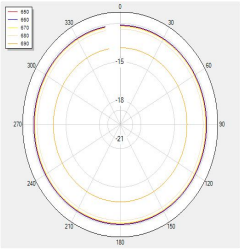

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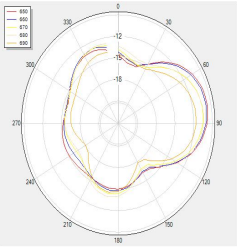

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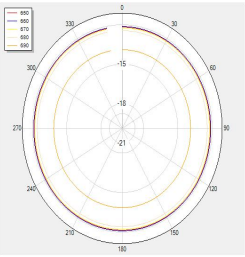

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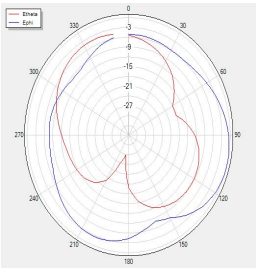
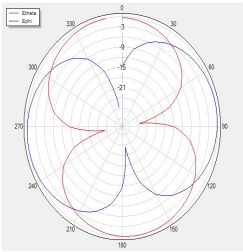
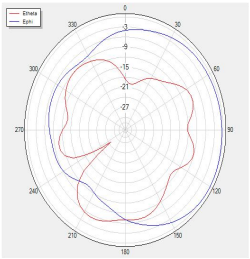


H Theta=0 freq=720MHz



V Phi=90 freq=720MHz



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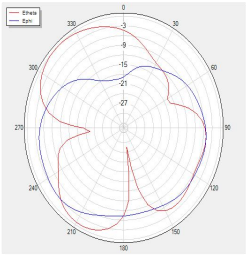

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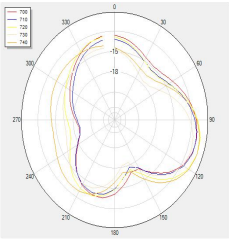

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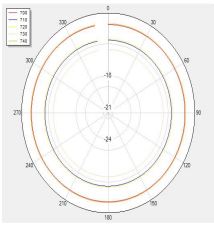

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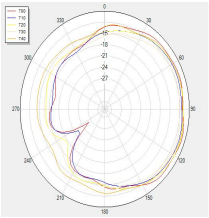

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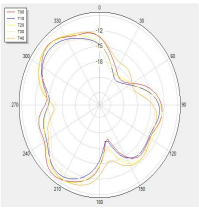
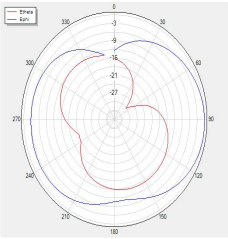


H Theta=90 freq=780MHz



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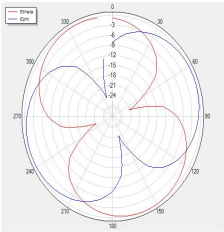

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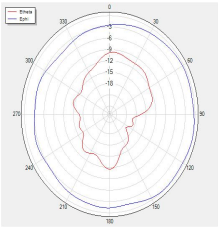

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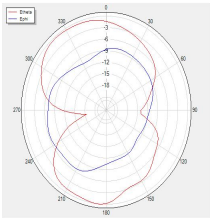

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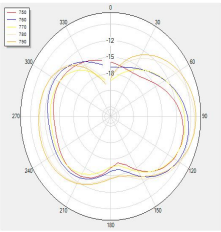

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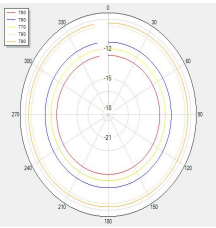

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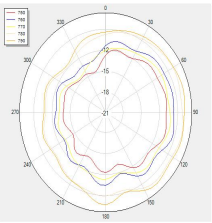

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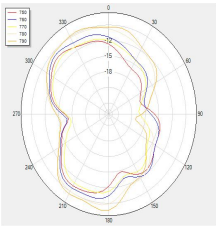
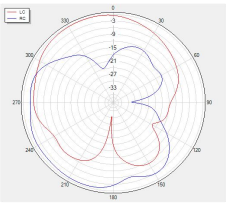
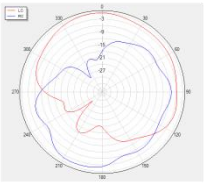


Phi=90 freq=840MHz



Phi=0 freq=840MHz



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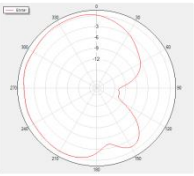

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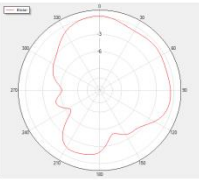
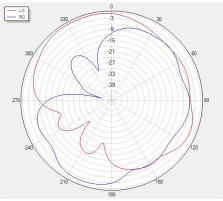
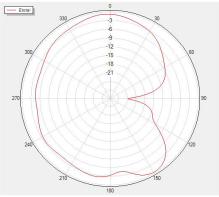


Phi=90 freq=900MHz

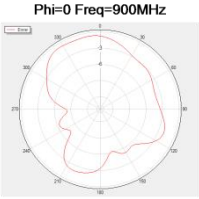
Phi=0 freq=900MHz

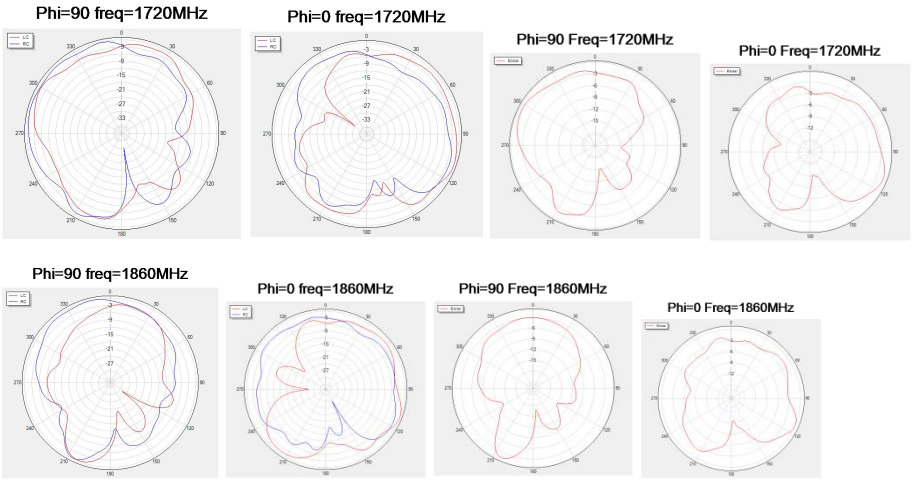


Phi=90 Freq=900MHz

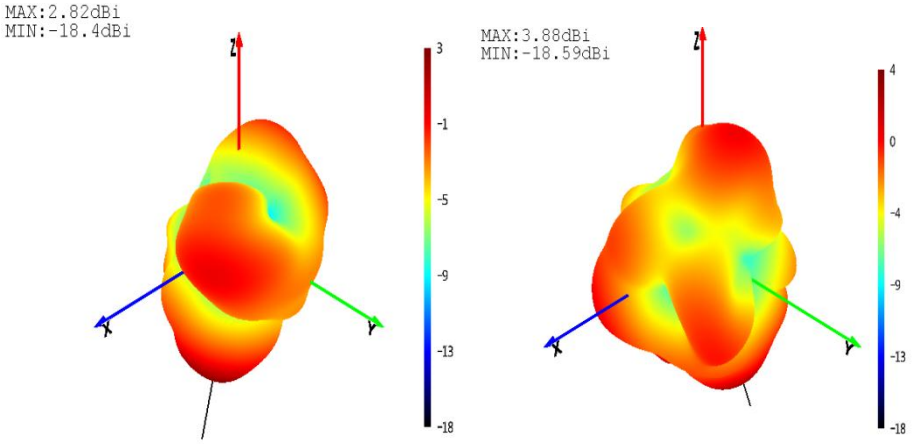


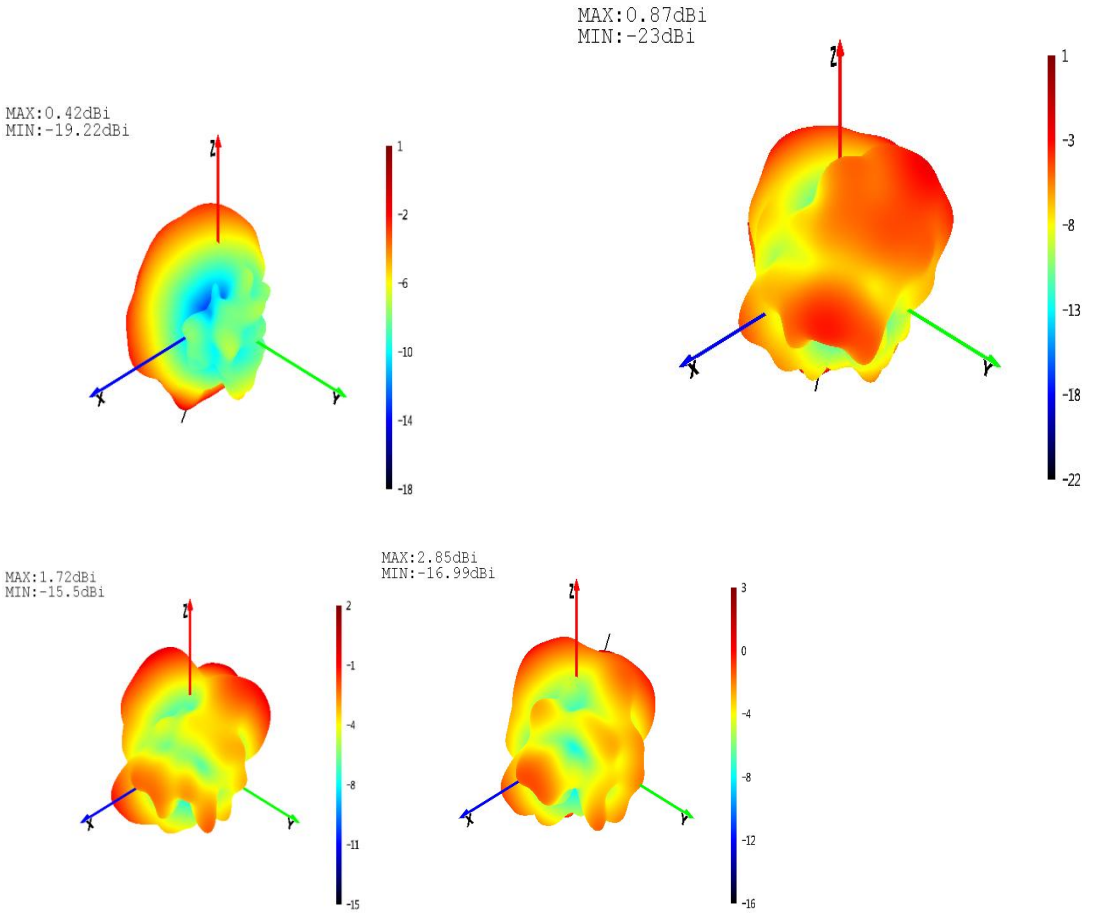
Phi=0 Freq=900MHz





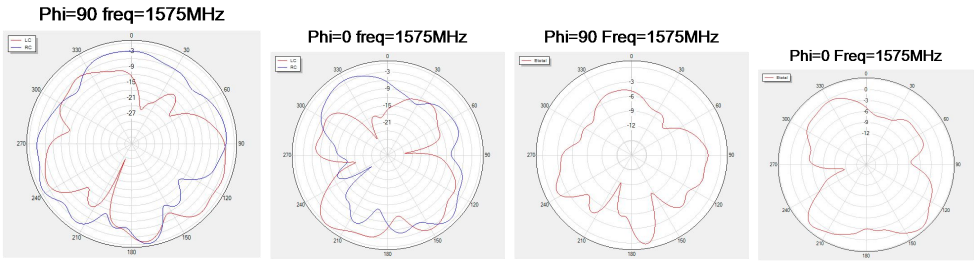
（GPS antenna）+（2.4G/5G WIFI/BT antenna） apple Map



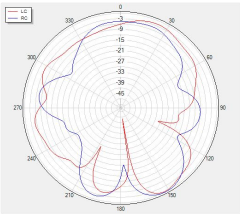


（ GPS antenna ） + （ 2.4G/5G WIFI/BT antenna ）

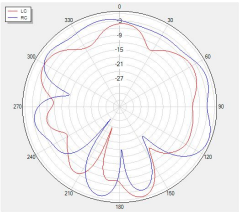
PolarGraphs/EtotalGraphs



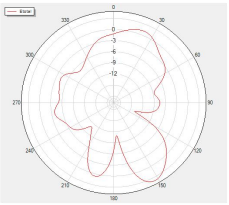
Phi=90 freq=2450MHz



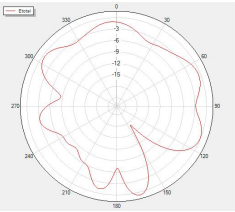
Phi=0 freq=2450MHz



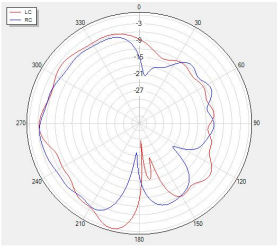
Phi=90 Freq=2450MHz



Phi=0 Freq=2450MHz



Phi=90 freq=5100MHz



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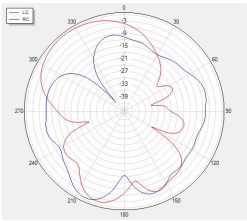
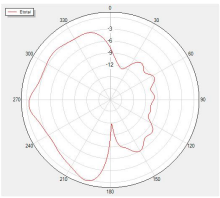
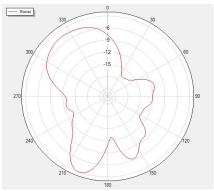


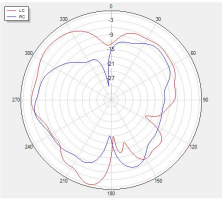
Phi=90 Freq=5100MHz



Phi=0 Freq=5100MHz



Phi=90 freq=5300MHz



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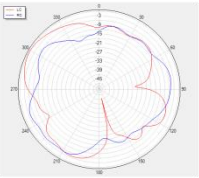

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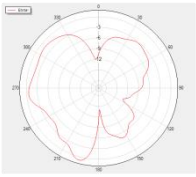

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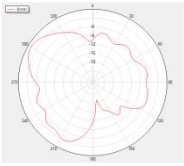

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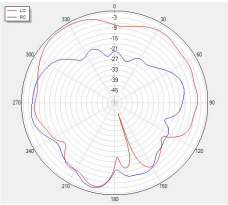

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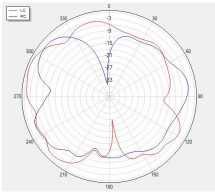

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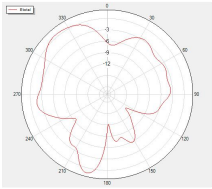

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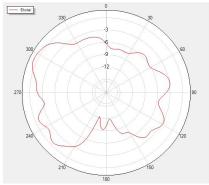

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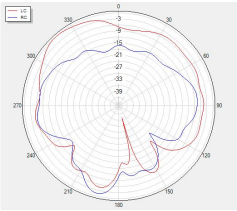

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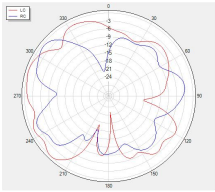
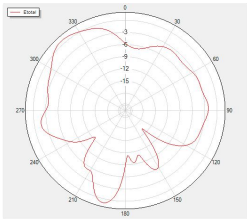


Phi=90 Freq=5800MHz



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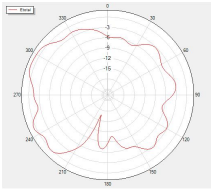
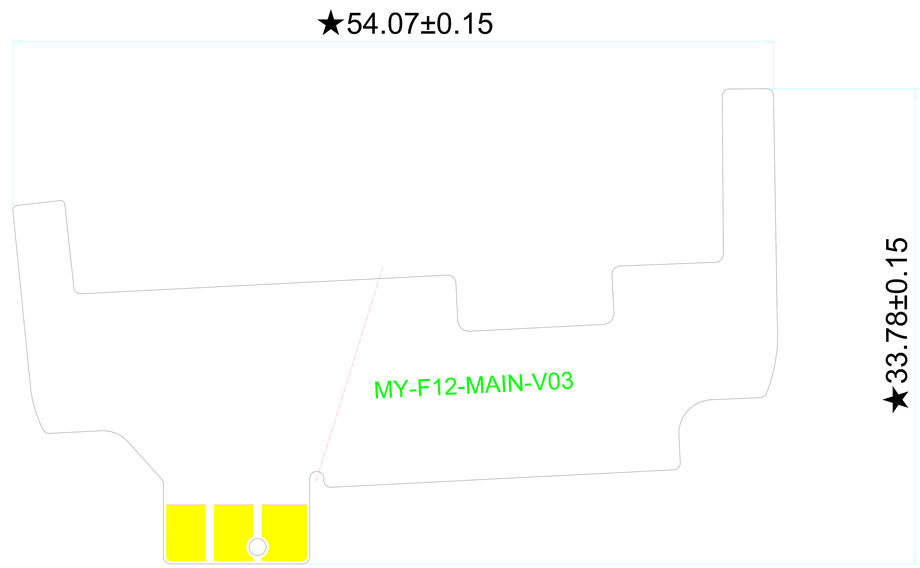
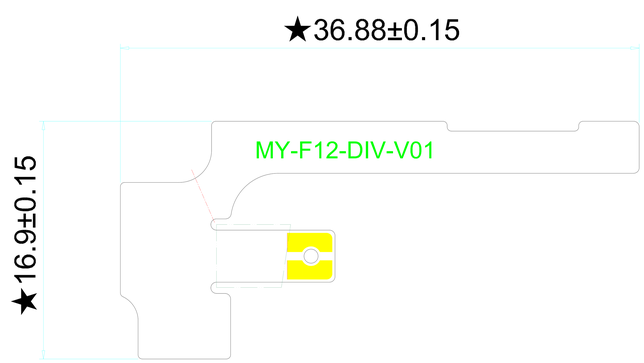
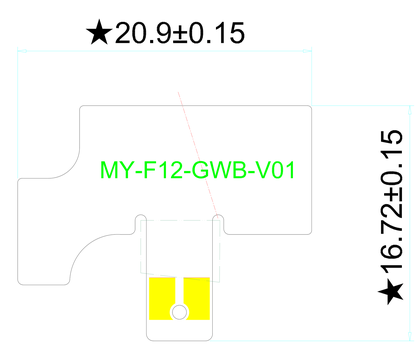




GSM/WCDMA/LTE Antenna



LTE Diversity Antenna



Bluetooth/WIFI Antenna