

Antenna Specifications

Antenna name:	2/3/4G Antenna, GPS Antenna, NFC Antenna
Manufactured by:	Shenzhen ZHONGTIAN XUN Communication Technology Co., Ltd.

Electrical Specification:

	Frequency	Antenna Gain	Antenna Type	Size
2/3/4G Antenna	GSM 850MHz	0.55dBi	Internal Antenna/PIFA	61.86mm(L)×25.91mm(W)×0.20mm(H)
	GSM 1900MHz	2.24dBi		
	WCDMA Band 2	2.24dBi		
	WCDMA Band 5	0.55dBi		
	LTE Band 2	2.24dBi		
	LTE Band 4	1.78dBi		
	LTE Band 5	0.55dBi		
	LTE Band 7	3.23dBi		
	LTE Band 40	1.54dBi		
	LTE Band 66	1.78dBi		
GPS Antenna	1575MHz	2dBi	Internal Antenna/PIFA	25.49mm(L)×15.38mm(W)×0.20mm(H)
NFC Antenna	13.56MHz	/	Internal Antenna/PIFA	70.97mm(L)×40.41mm(W)×0.4mm(H)



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Radiation Pattern

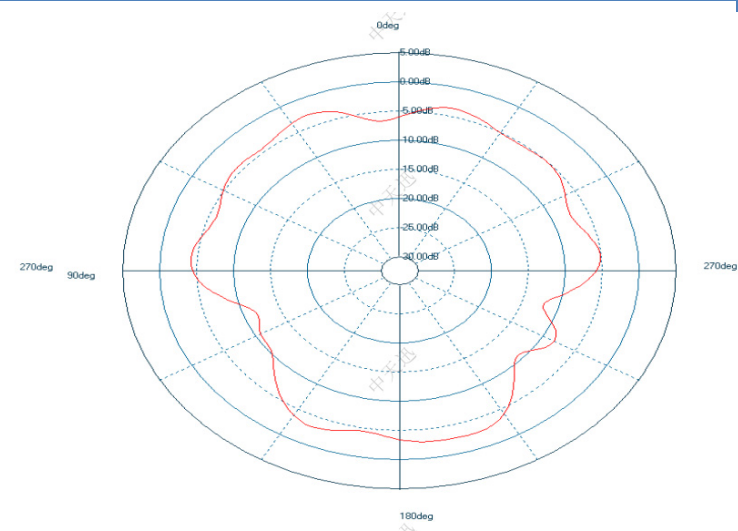
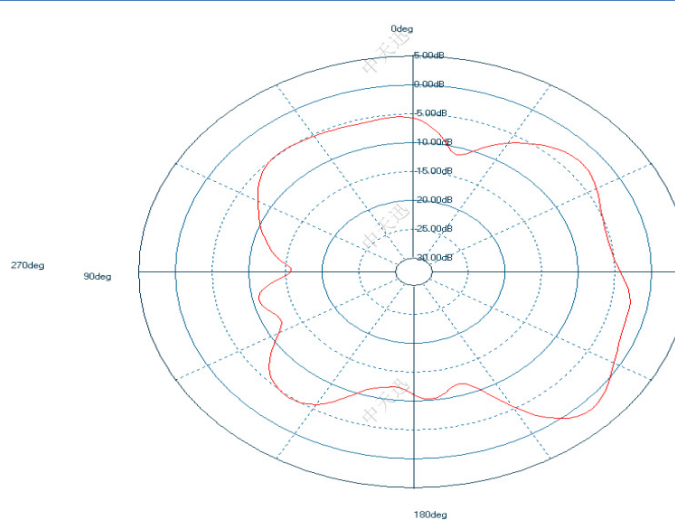
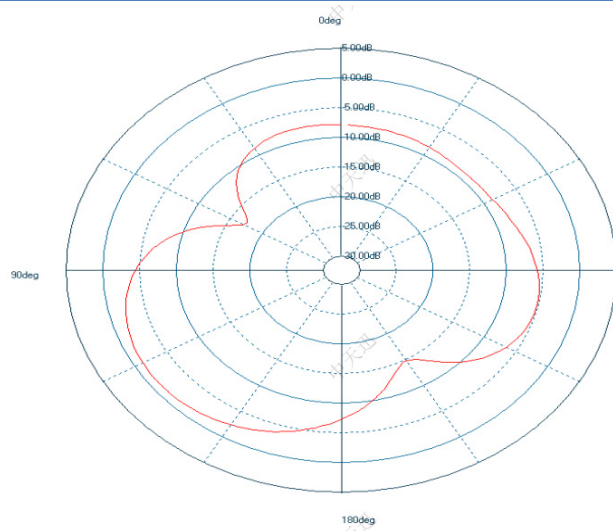
2/3/4G Antenna

XOY ($\theta=90^\circ$)

XOZ ($\phi=0^\circ$)

YOZ ($\phi=90^\circ$)

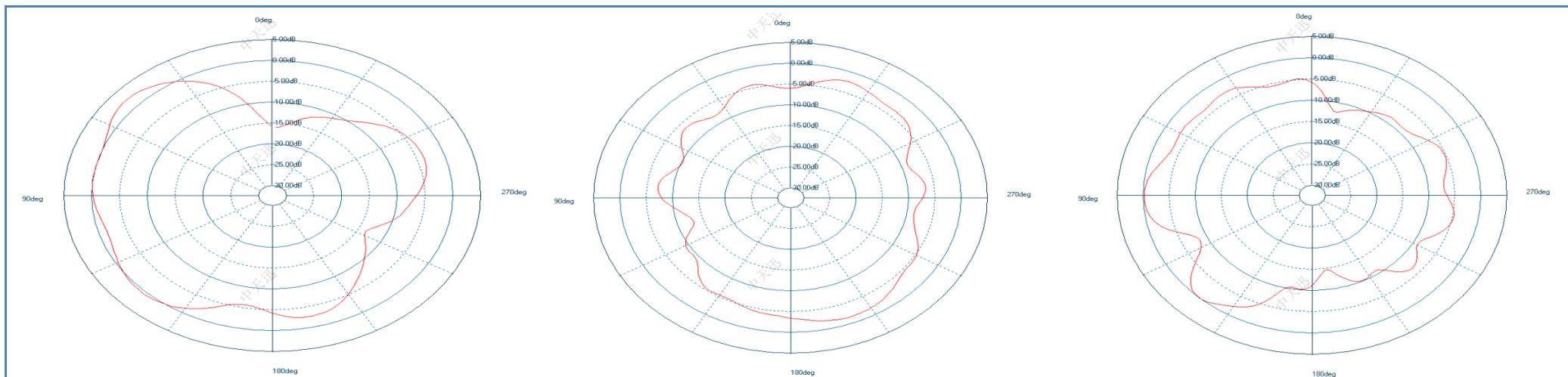
Low frequency



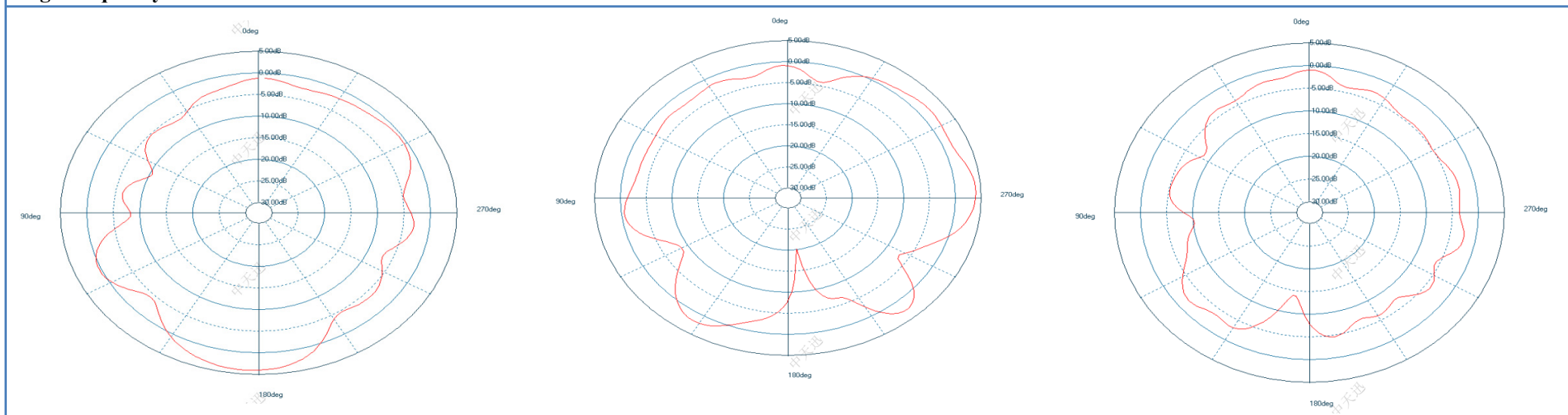
Middle frequency



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High frequency



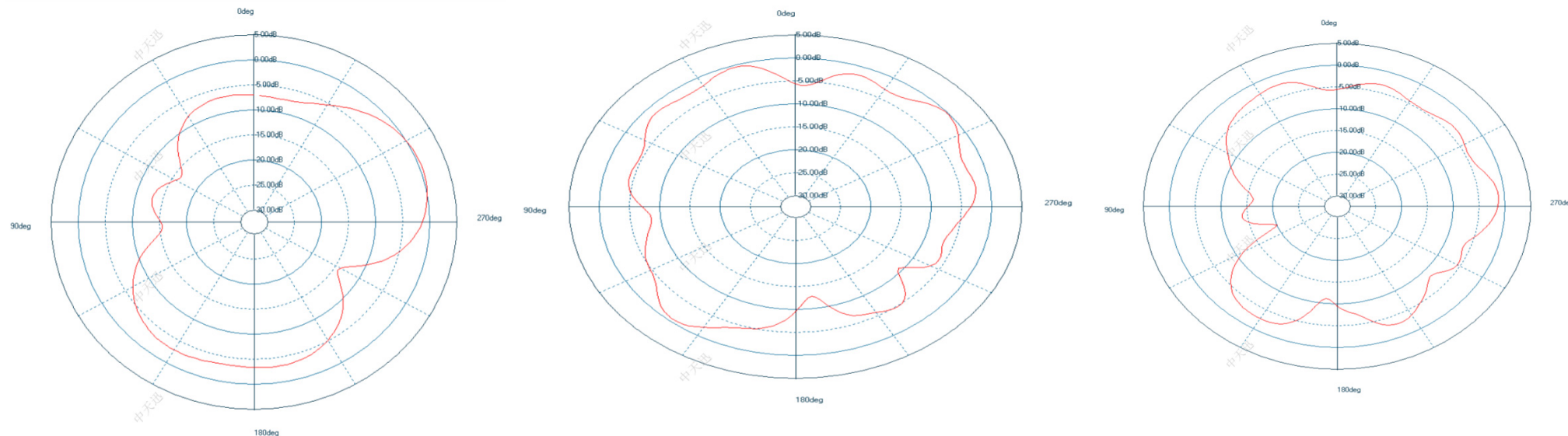
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XOY (theta=90)

XOZ (phi=0)

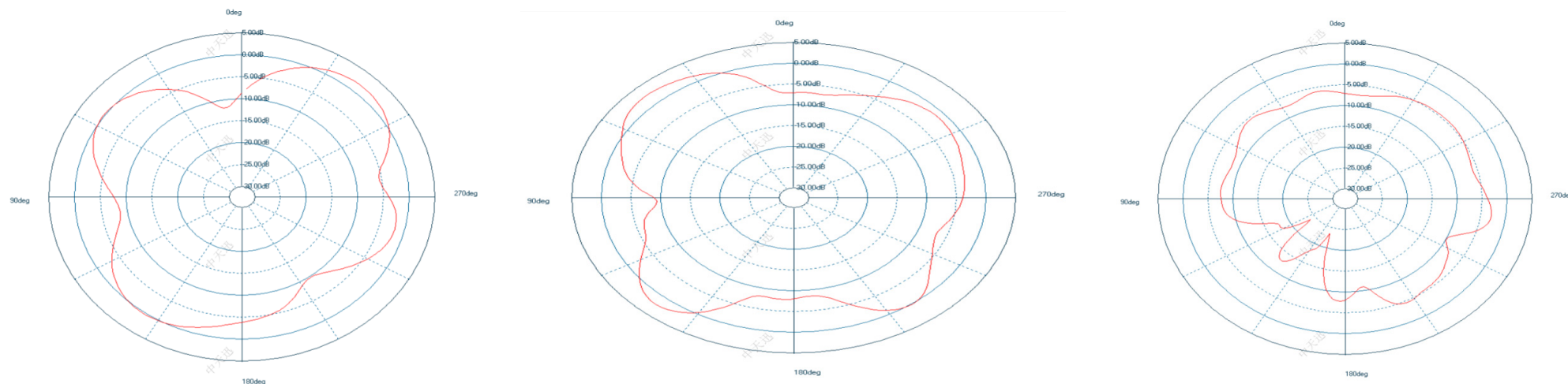
YOZ (phi=90)

Low frequency

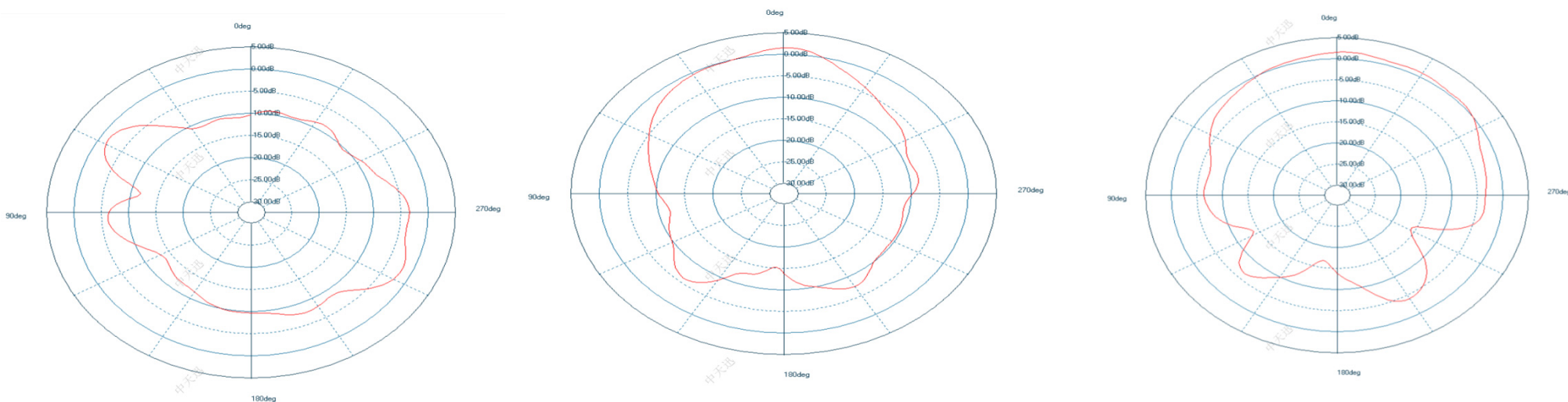


Middle frequency



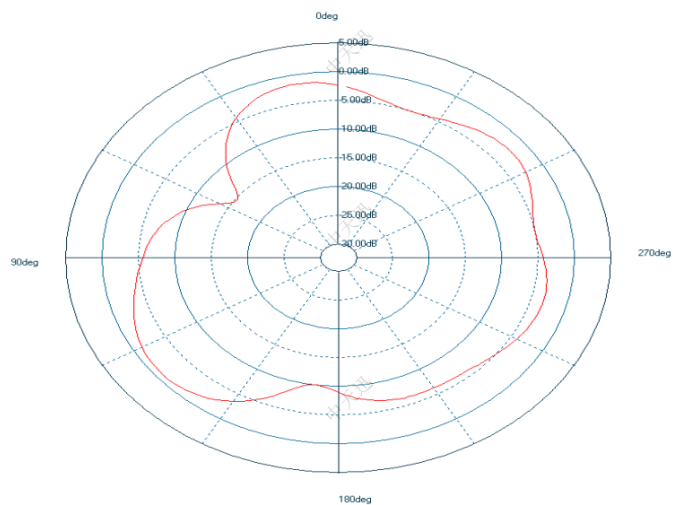


High frequency

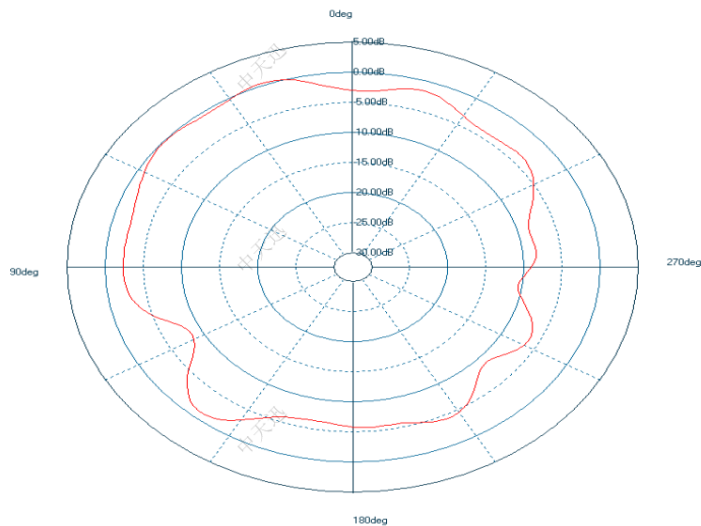


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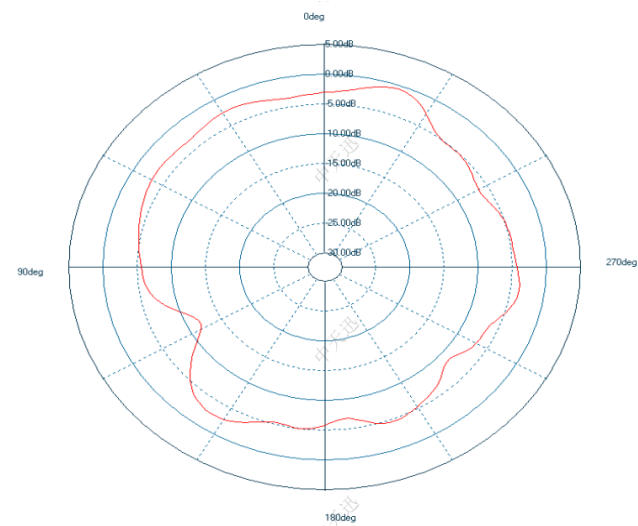
XOY ($\theta=90^\circ$)



XOZ ($\phi=0^\circ$)



YOZ ($\phi=90^\circ$)

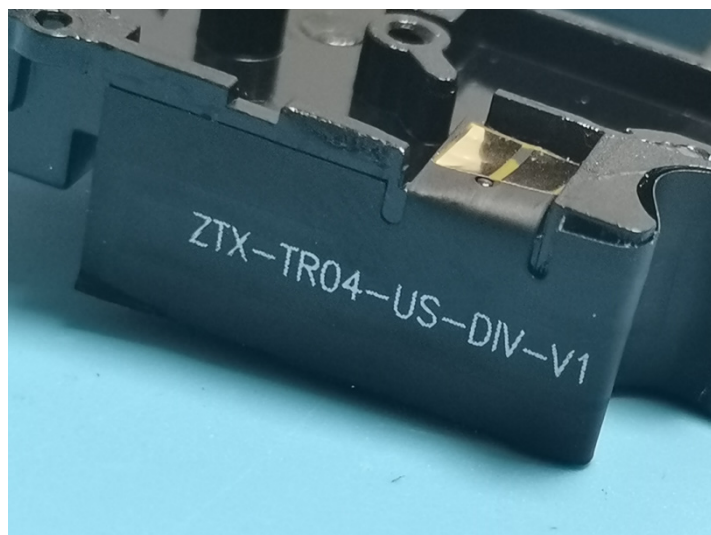


Antenna Photo:

2&3&4G ANT:



DIV ANT:



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