
Antenna Specification

Product Name : C150 Antennas

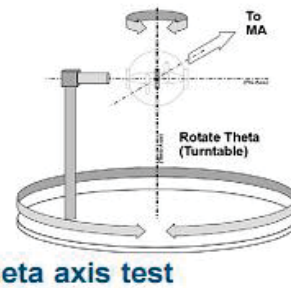
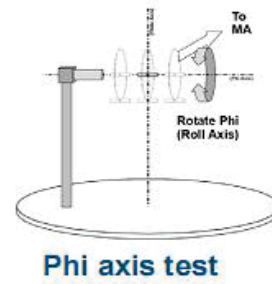
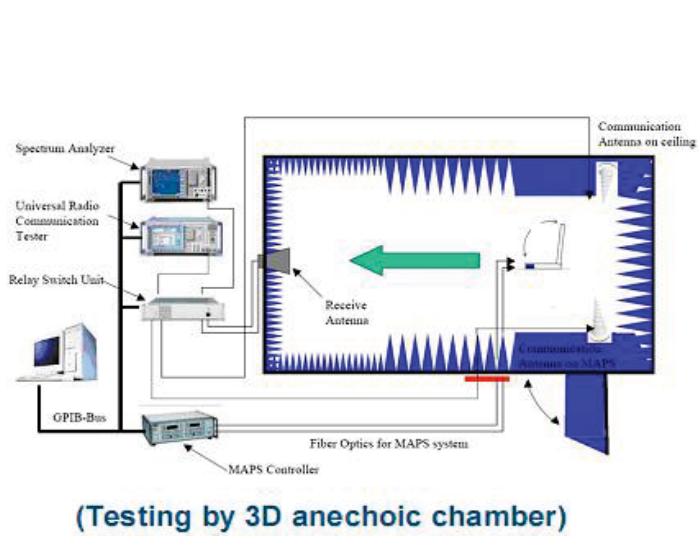
Specifications model : C150 Antennas

Date : 2024.04.13

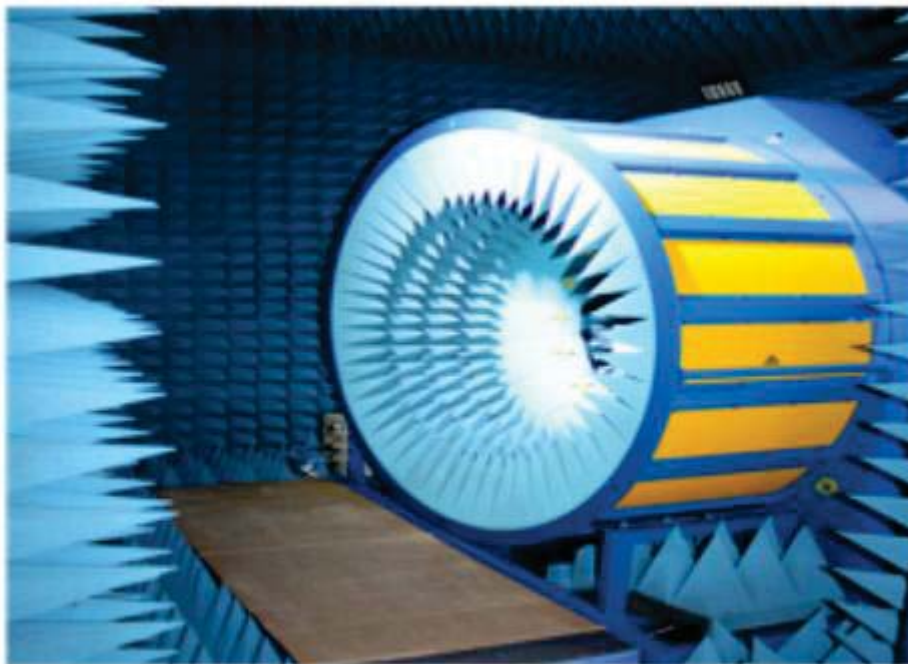
Confirmation of user:

Designed by	Reviewed by	Approved by
Liu Dongshan	Cui Cen	Zhou Xiangyang

Test Equipment



Chamber



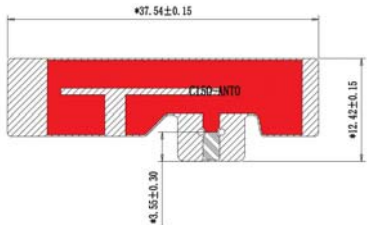
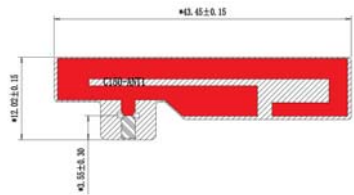
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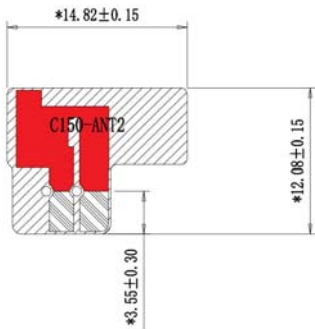
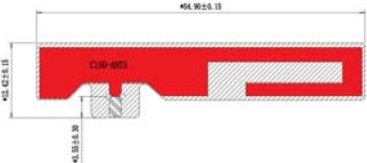
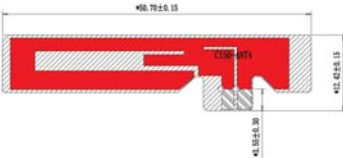
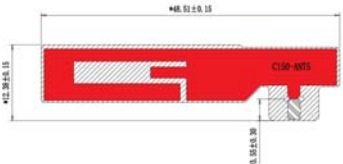
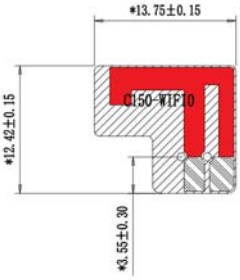
Shenzhen Ruiqiang Communication Co., Ltd
W2-A 502, Gaoxin Industrial Village, South Fourth Road, Nanshan District, Shenzhen

Item		Describe
Input impedance		50 Ω
VSWR		<2.5
ANT0	antenna	4G&5G
Gain		N7:2dBi N40:2.2dBi N41:2dBi N77:4.6dBi N78:3dBi B7:2dBi B40: 2.2dBi B41:2dBi B42: 3dBi B43: 4.6dBi
ANT1	antenna	4G&5G
Gain		N2:2.6dBi N5:2.7dBi N7:0.8dBi N8:2.3dBi N25:2.6dBi N38:0.8dBi N40:1.2dBi N41:0.8dBi N66:2.6dBi N71:-0.9dBi N77:3.4dBi N78:3.4dBi B2: 2.6dBi B4:1dBi B5:2.7dBi B7:0.8dBi B8: 2.3dBi B12: -0.9dBi B25:2.5dBi B38:0.8dBi B40: 1.2dBi B41: 0.8dBi B42: 2.1dBi B43: 3.4dBi B66:2.6dBi B71:-0.9dBi
ANT2	antenna	4G&5G
Gain		N7:2.8dBi N40:3.5dBi N41:2.8dBi

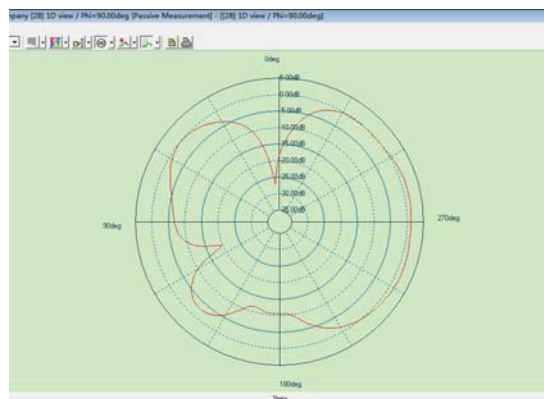
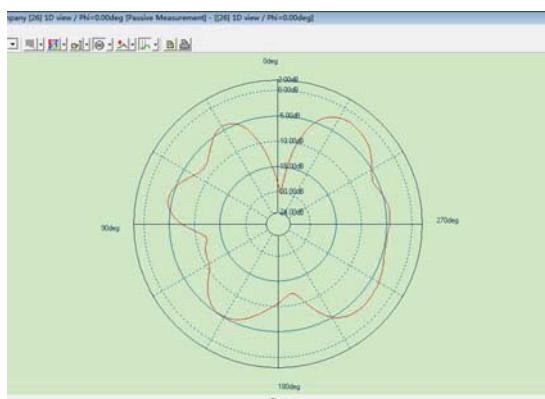
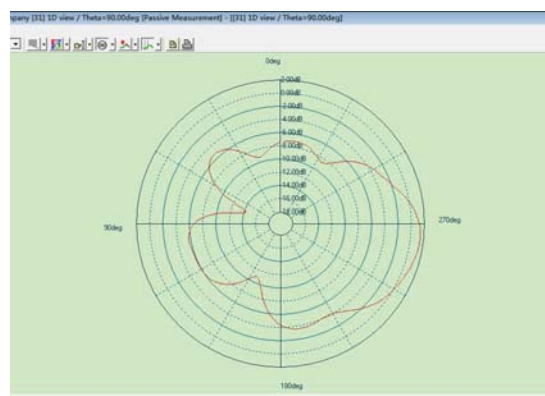
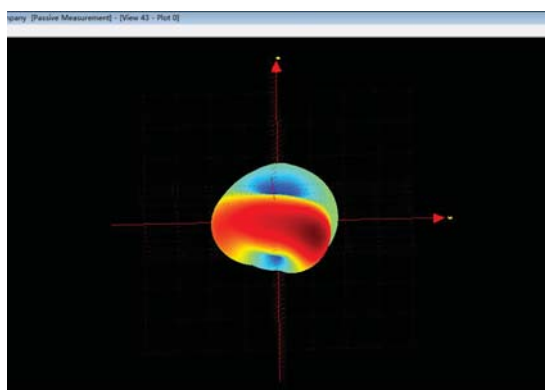
		N77:4.3dBi N78:1.7dBi B7:2.8dBi B40: 3.5dBi B41:2.8dBi B42: 1.7dBi B43: 4.3dBi
ANT3 Gain	antenna	4G&5G N2:1.3dBi N5:1.1dBi N7:1.2dBi N8:1.5dBi N25:1.3dBi N38:1.2dBi N40:2.5dBi N41:1.2dBi N66:1.9dBi N77: 6.2dBi N78: 4.1dBi B2:1.3dBi B4:1.3dBi B5:1.1dBi B7:1.2dBi B8:1.5dBi B12:0.21dBi B25:1.5dBi B38:1.2dBi B40:2.5dBi B41:1.2dBi B42:4.1dBi B43:6.2dBi B66:1.9dBi B71:0.21dBi
ANT4 Gain	antenna	4G&5G N2:2.3dBi N5:0.8dBi N8:0.2dBi N25:2.3dBi N66:2.1dBi B2:2.3dBi B4:2.3dBi B5:0.8dBi B8: 0.2dBi B12: -0.9dBi B25:0.2dBi B66:2.1dBi

		B71: -0.4dBi
ANT5 Gain	antenna	4G&5G N2:3.1dBi N5:0.3dBi N8:-1.6dBi N25:3.1dBi N66:1.1dBi B2:3.1dBi B4:1.1dBi B5:0.3dBi B8: -1.6dBi B12: -0.4dBi B25:0.3dBi B66:1.1dBi B71: -0.4dBi
WiFi antenna 0 Gain		2.4G: 2.9dBi 5.8G:2.8dBi
WiFi antenna 1 Gain		2.4G: 0.9dBi 5.8G:3.2dBi
Polarization		Linear Polarization

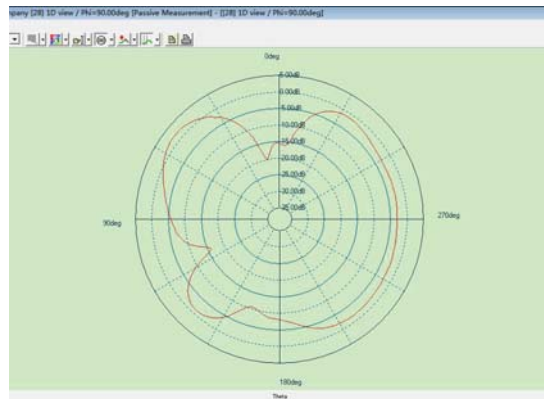
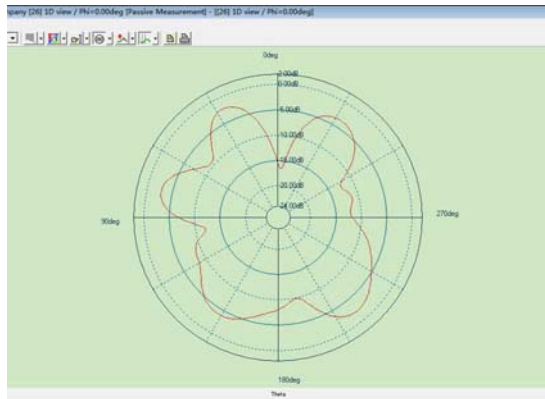
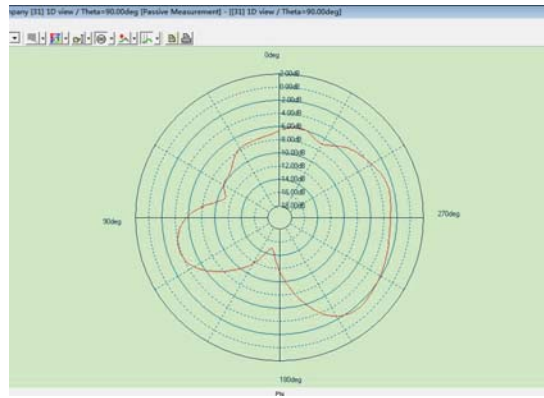
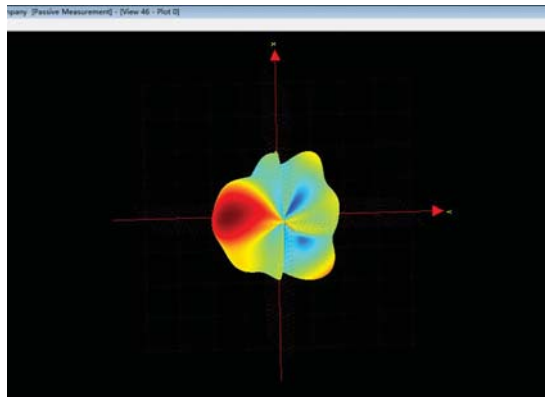
Antenna Shape	Frequency/Type
ANT0 	2300-4200MHz Monopole
ANT1 	700-4200MHz Monopole
ANT2	2300-4200MHz IFA

 C150-ANT2 *14.82±0.15 *12.08±0.15 *3.55±0.30	
ANT3  C150-ANT3 *46.90±0.15 *12.02±0.15 *3.55±0.30	700-4200MHz Monopole
ANT4  C150-ANT4 *40.70±0.15 *12.02±0.15 *3.55±0.30	700-2200MHz IFA
ANT5  C150-ANT5 *48.52±0.15 *12.02±0.15 *3.55±0.30	700-2200MHz Monopole
WIFI0  C150-WIFI0 *13.75±0.15 *12.40±0.15 *3.55±0.30	2400-2500MHz 5150-5180MHz IFA
WIFI 1  C150-WIFI1 *13.75±0.15 *12.02±0.15 *3.55±0.30	2400-2500MHz 5150-5180MHz IFA

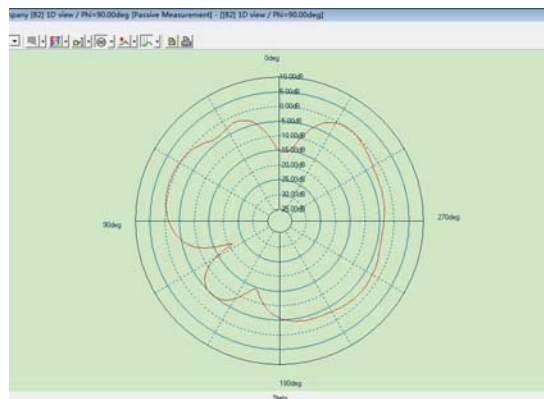
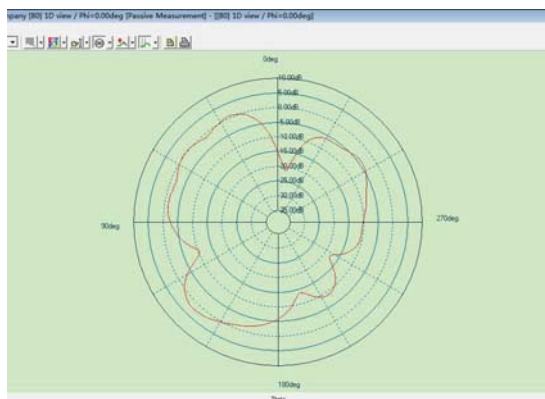
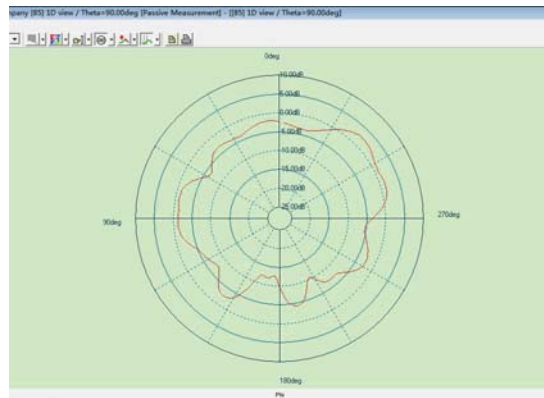
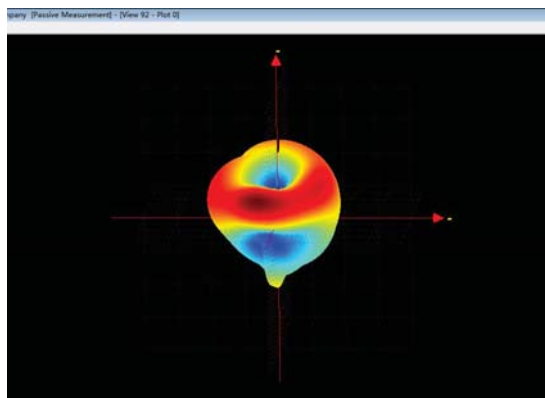
ANT0
2350MHz



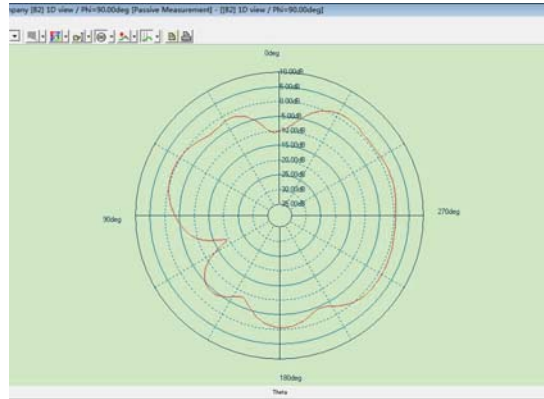
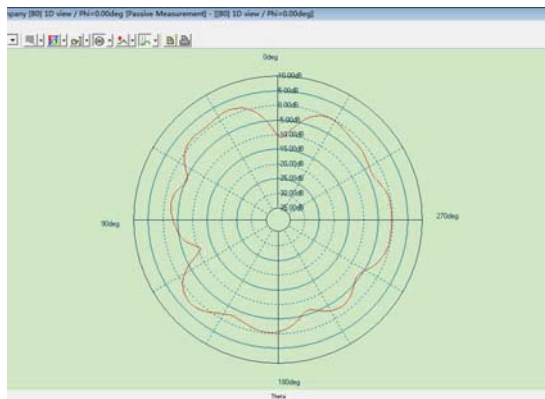
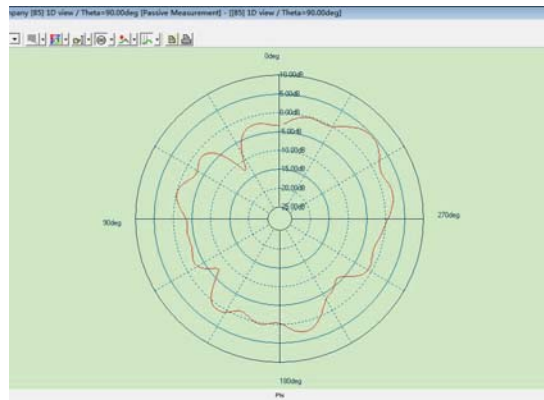
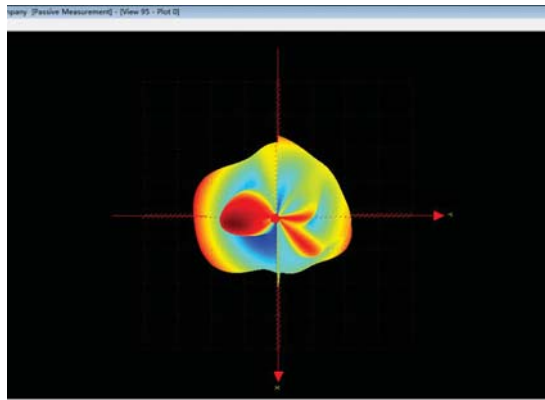
2590MHz



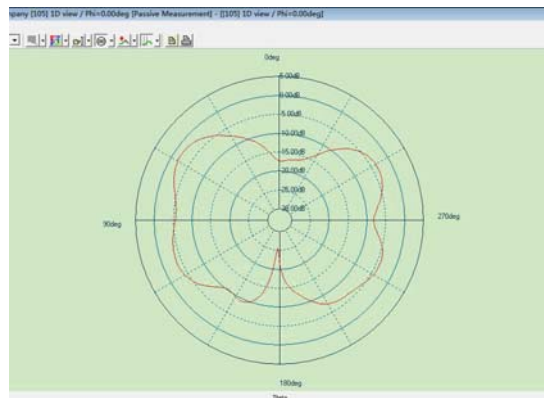
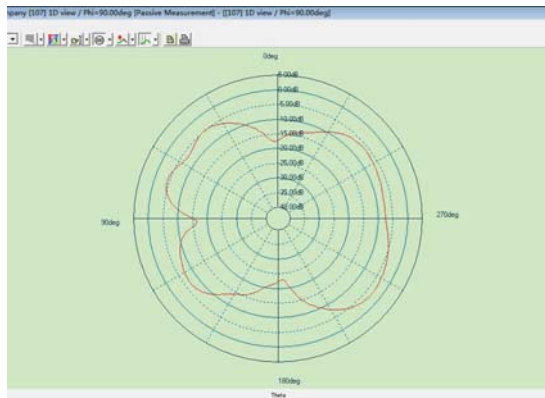
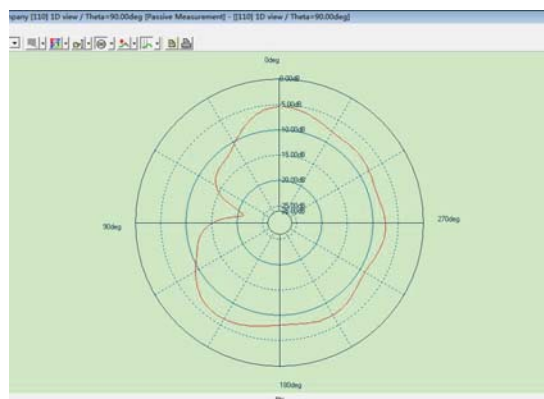
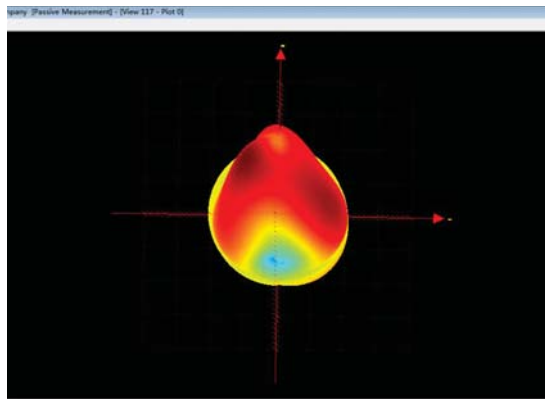
3500MHz



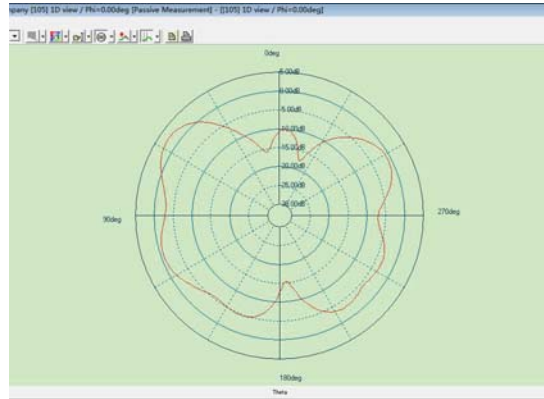
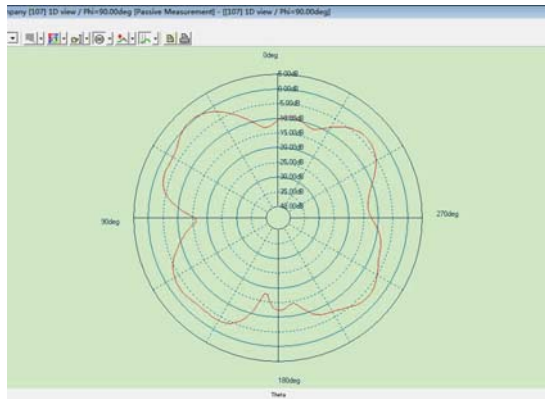
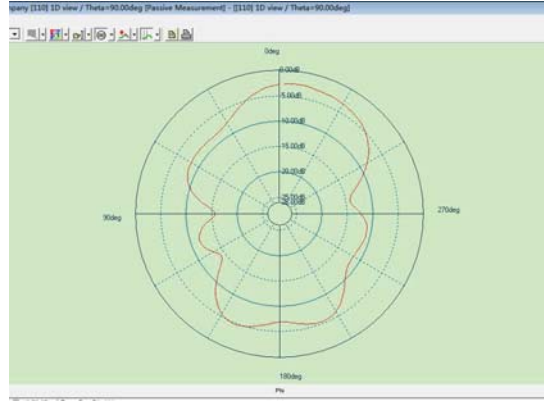
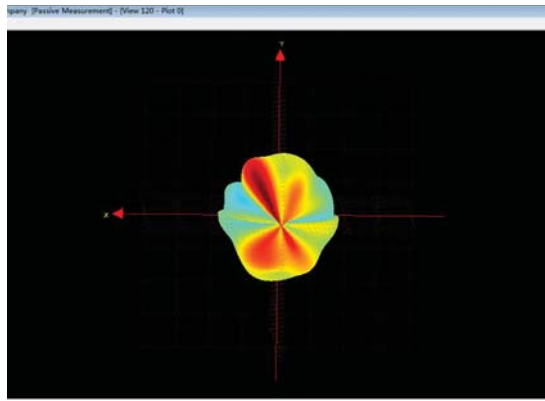
3700MHz



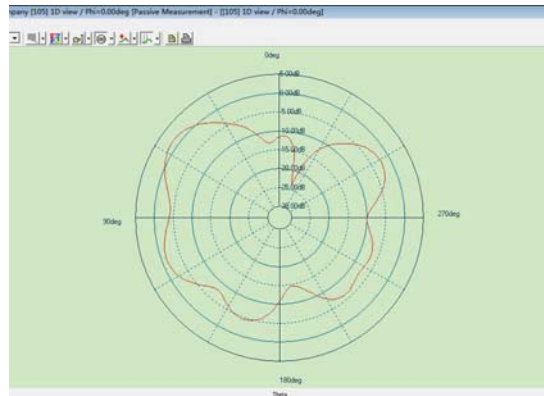
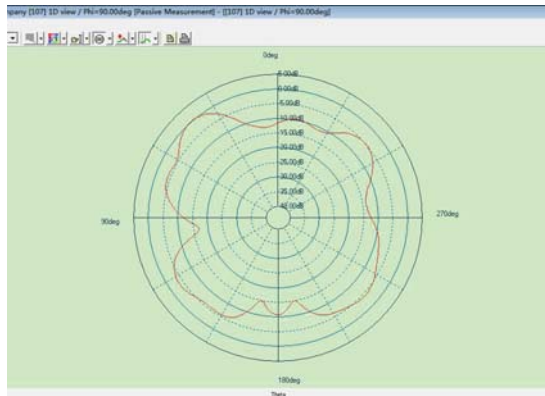
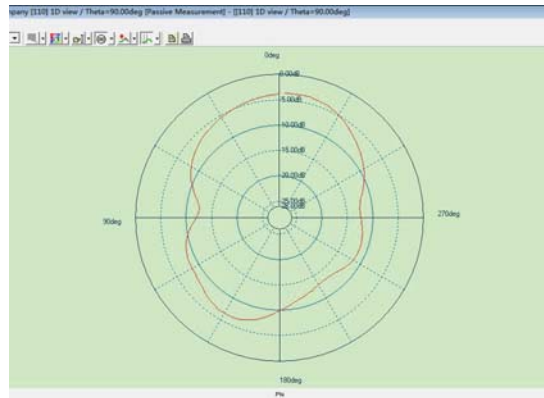
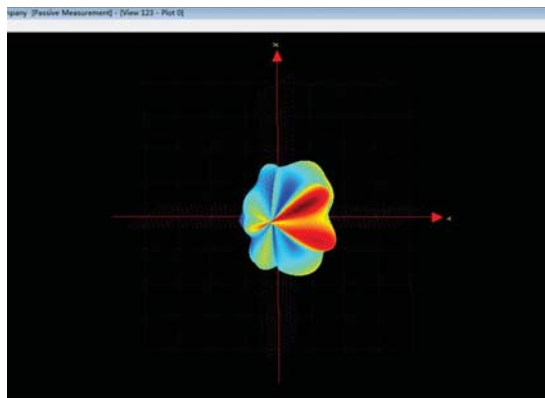
ANT1
740MHz



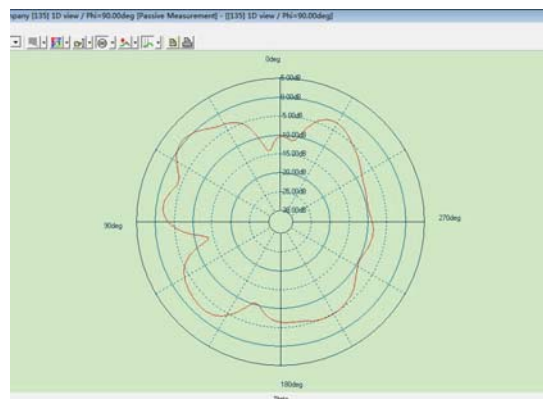
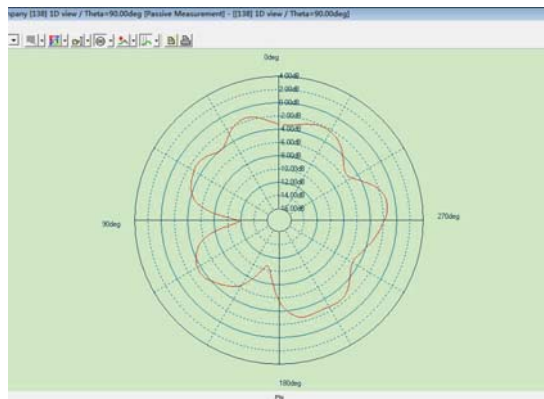
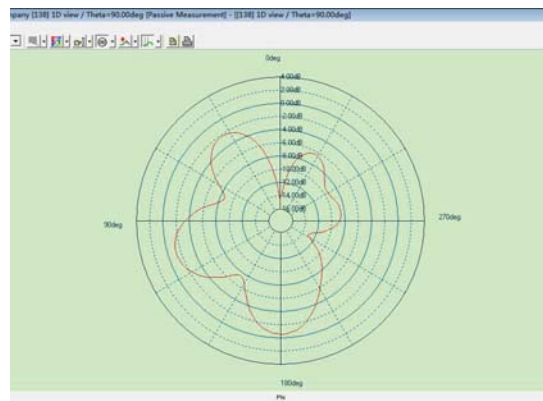
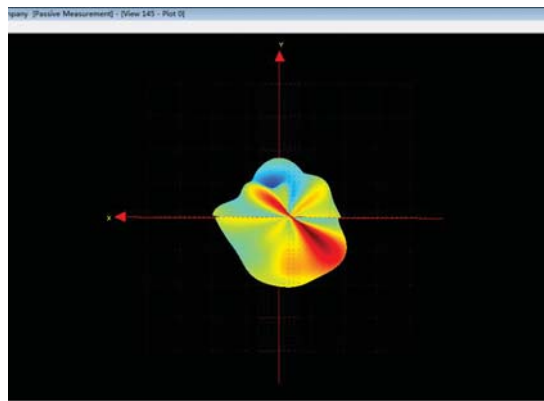
840MHz



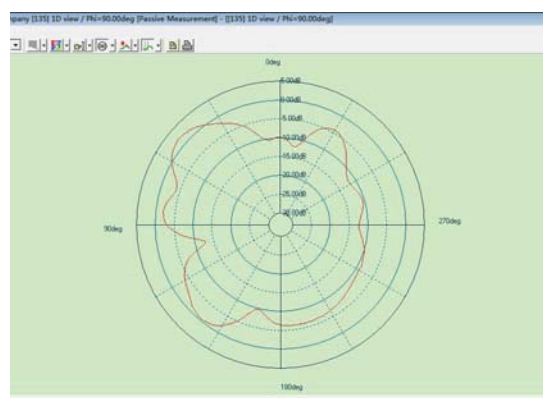
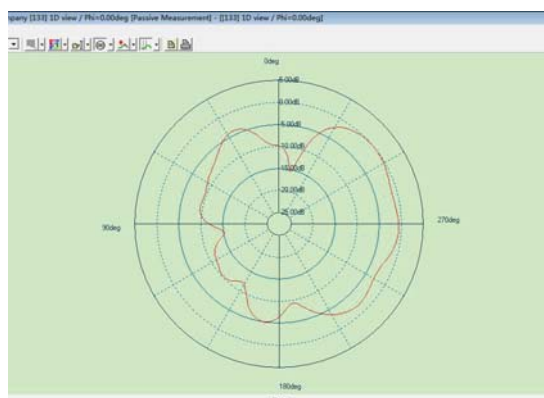
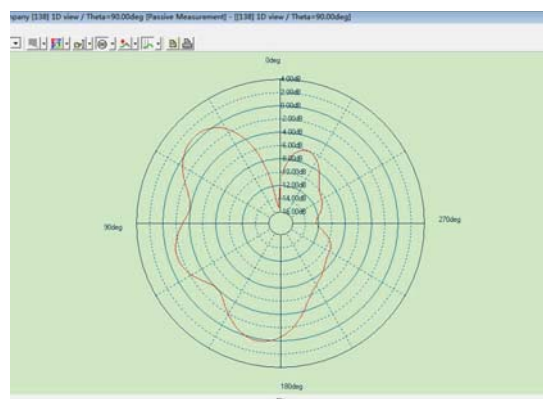
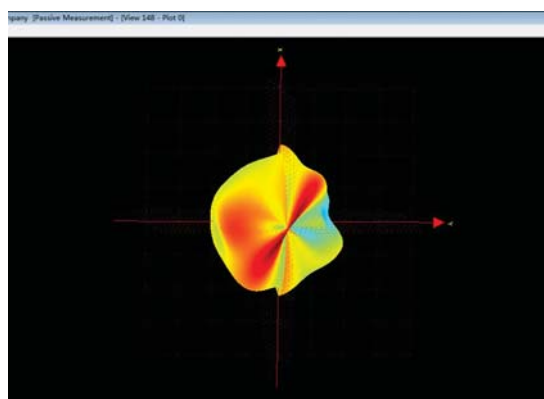
880MHz



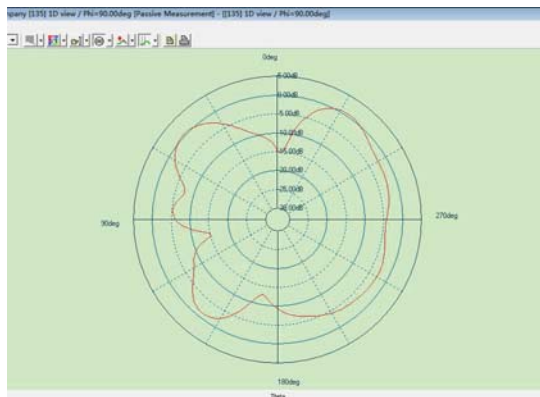
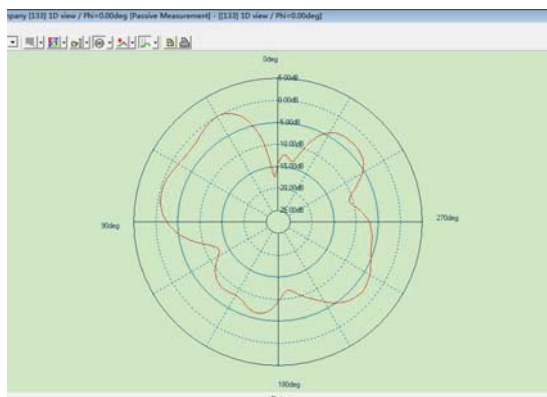
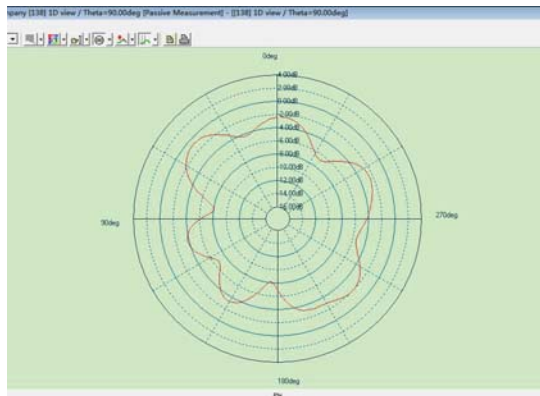
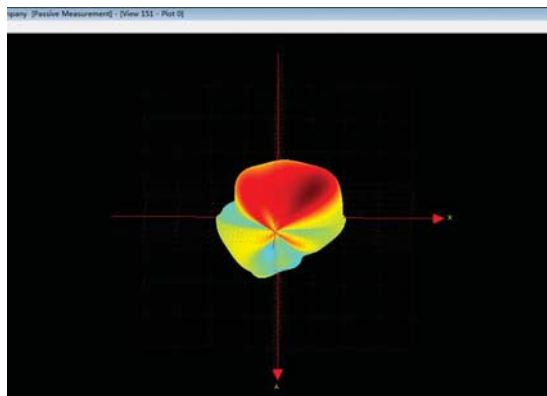
1750MHz



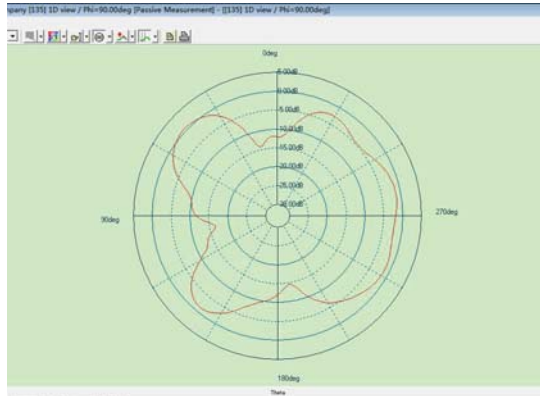
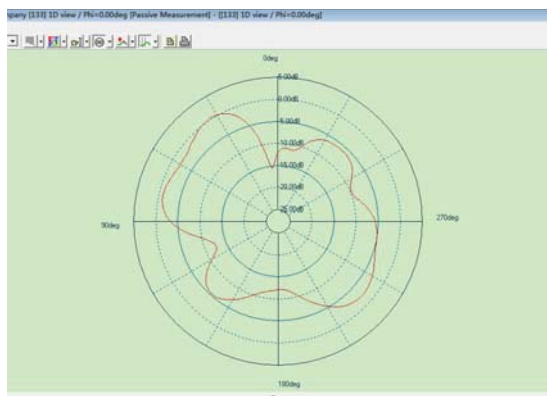
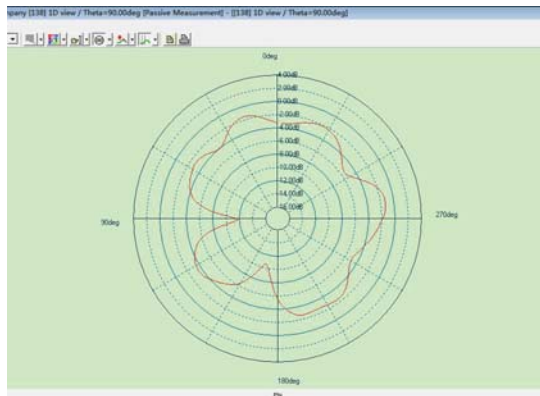
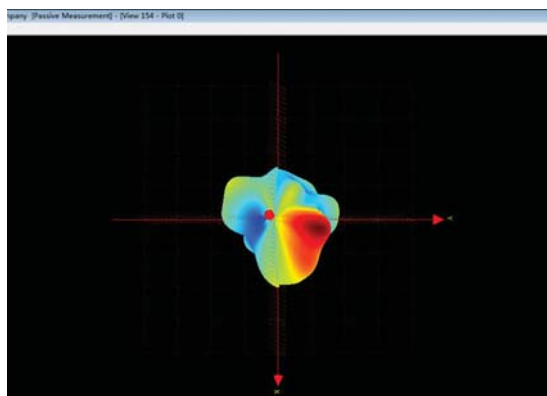
1950MHz



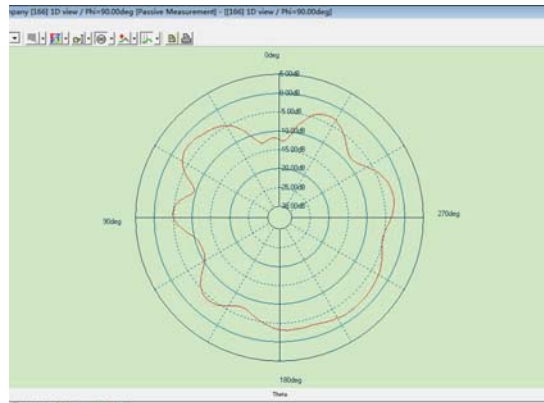
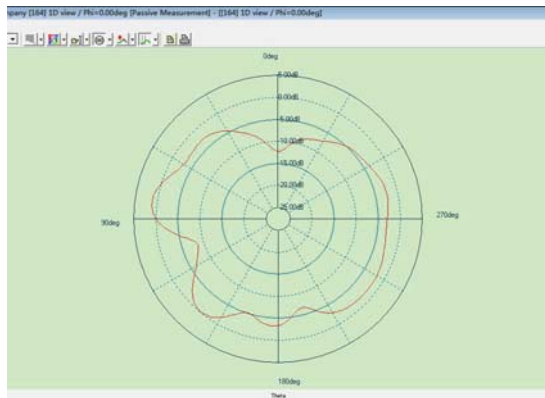
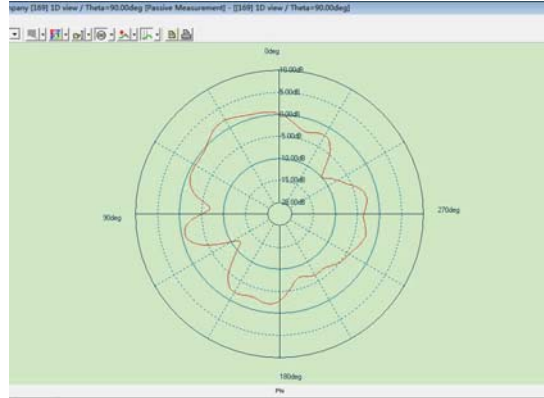
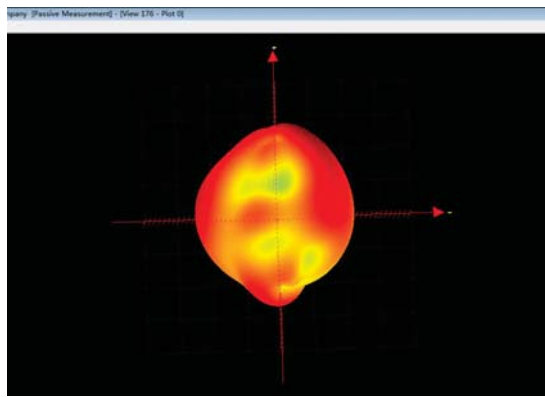
2350MHz



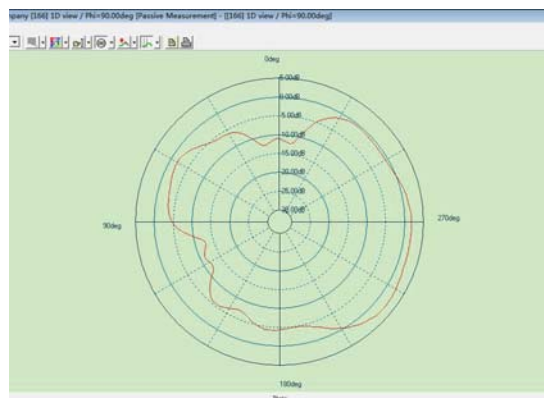
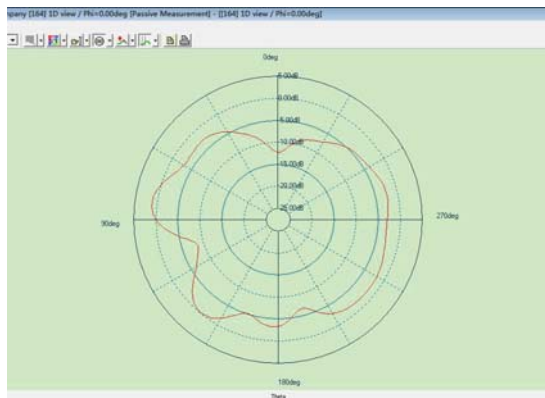
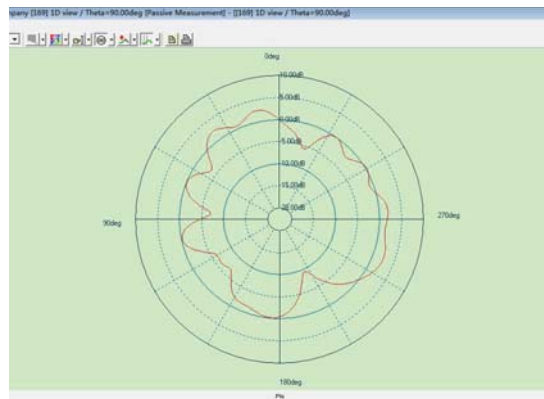
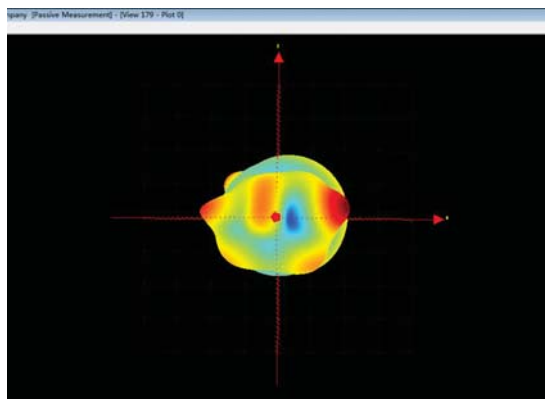
2590MHz



3500MHz

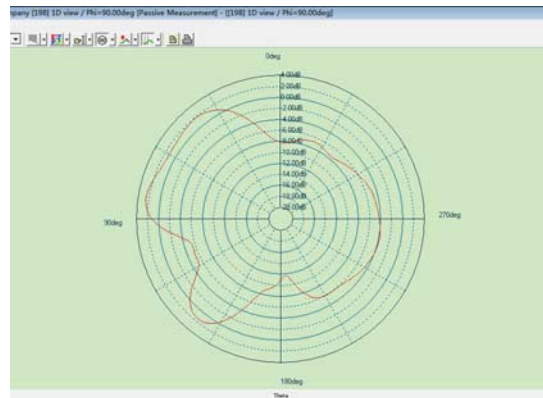
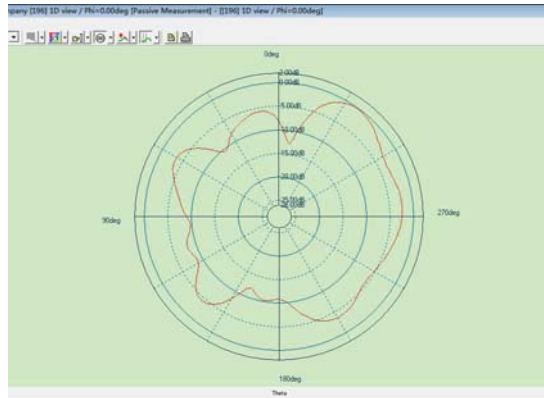
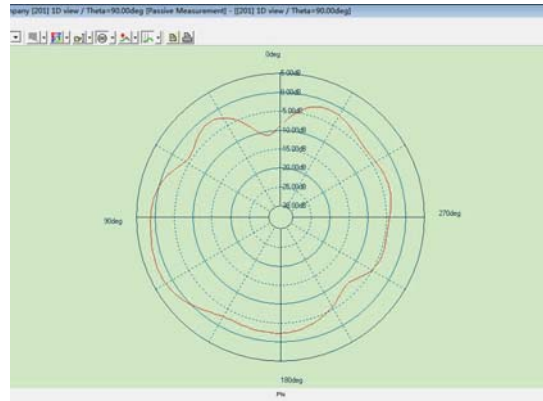
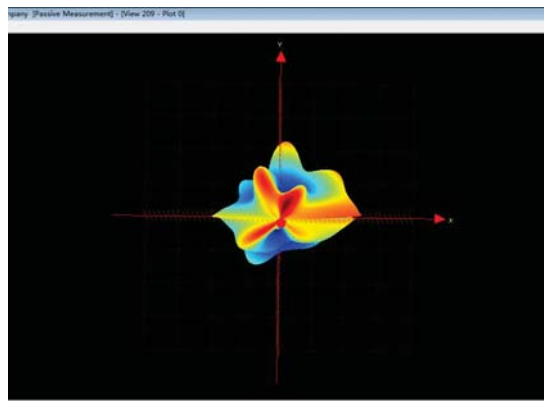


3700MHz

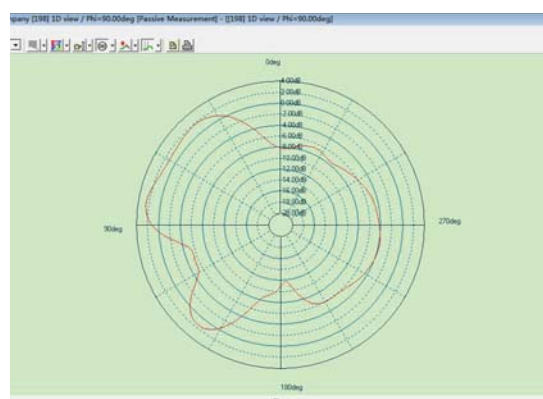
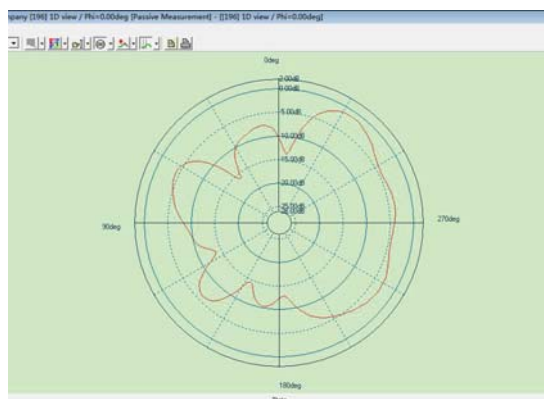
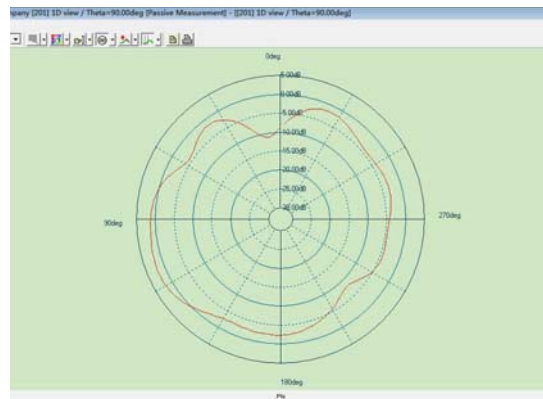
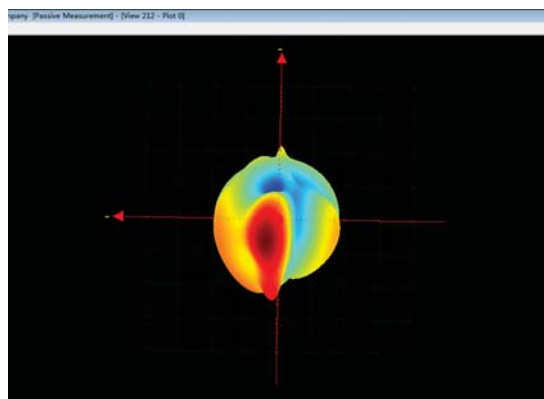


ANT2

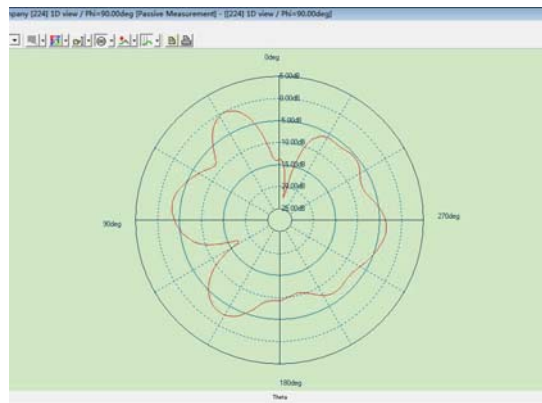
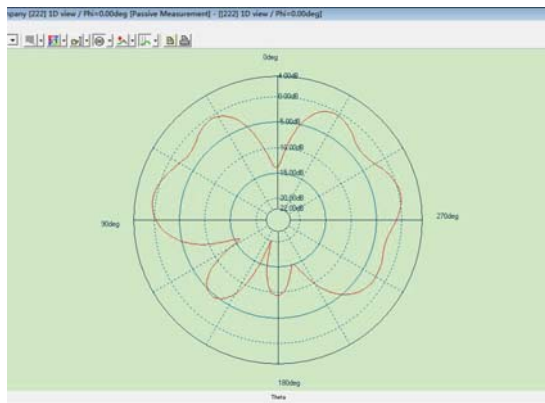
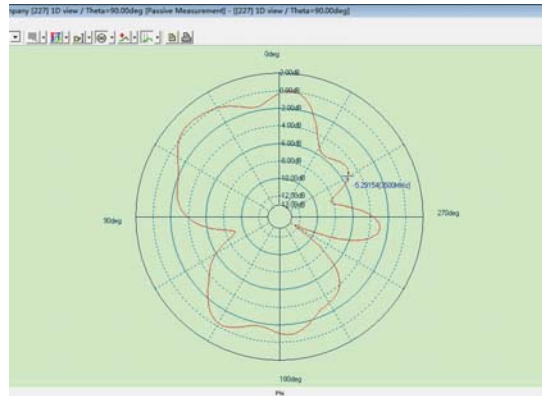
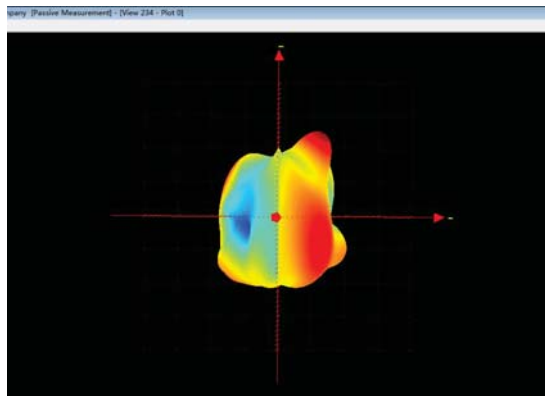
2350MHz



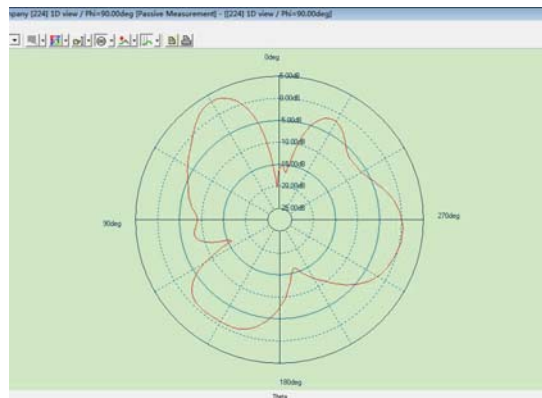
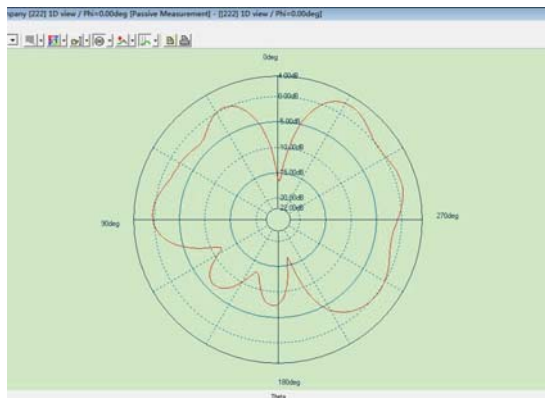
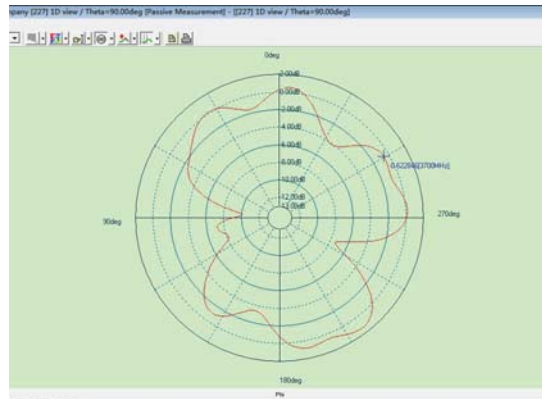
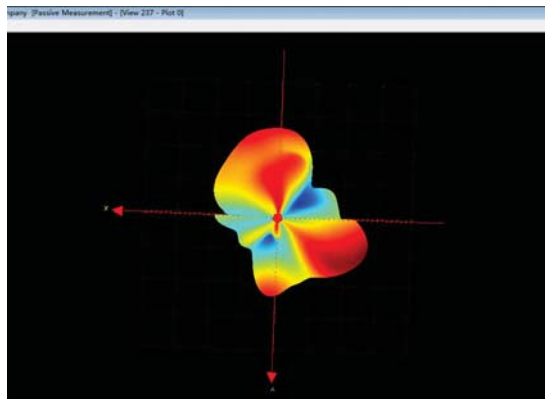
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3500MHz

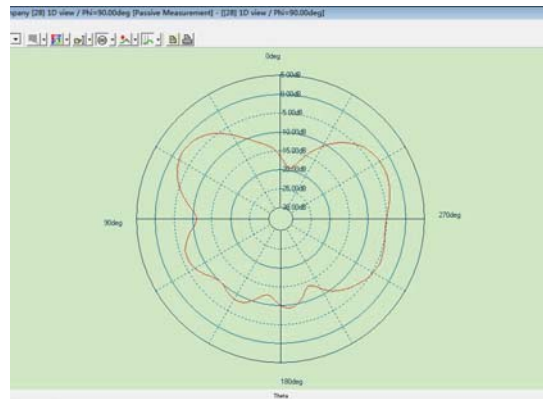
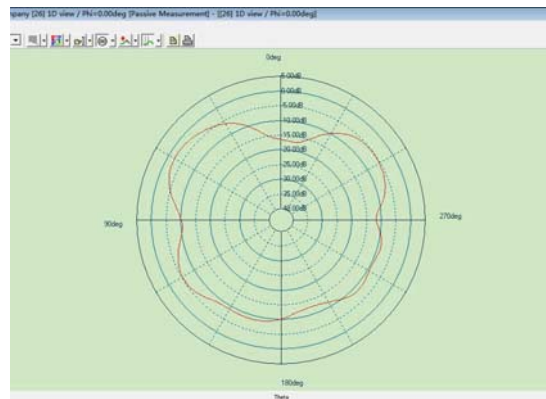
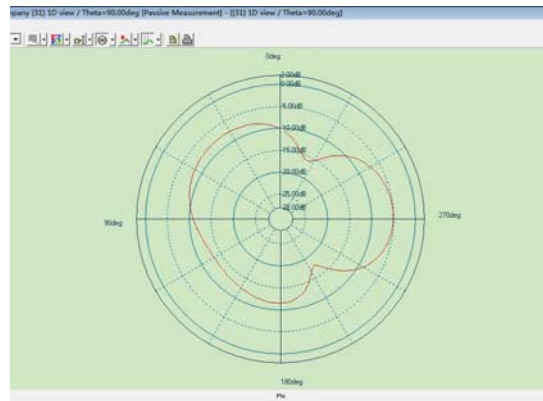
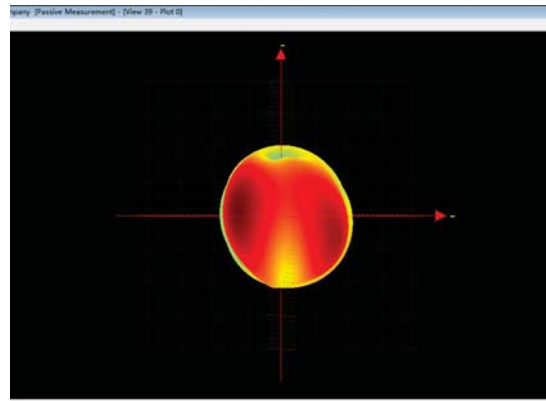


3700MHz

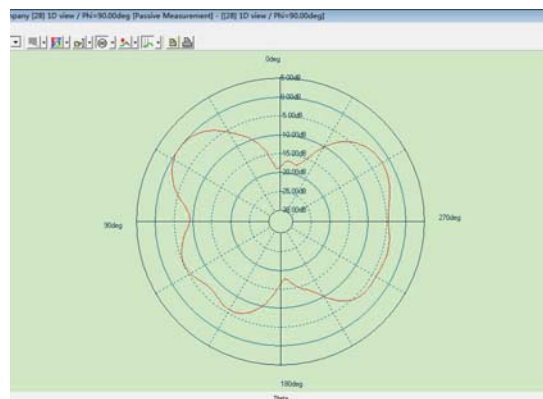
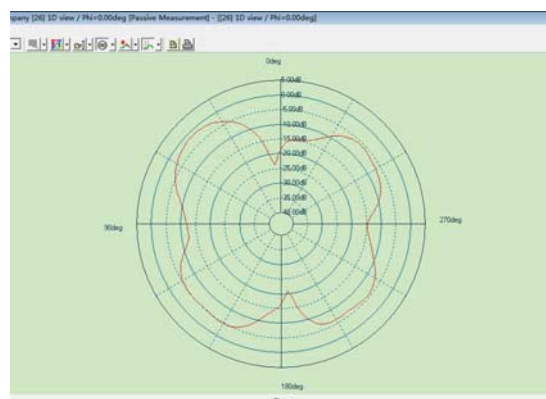
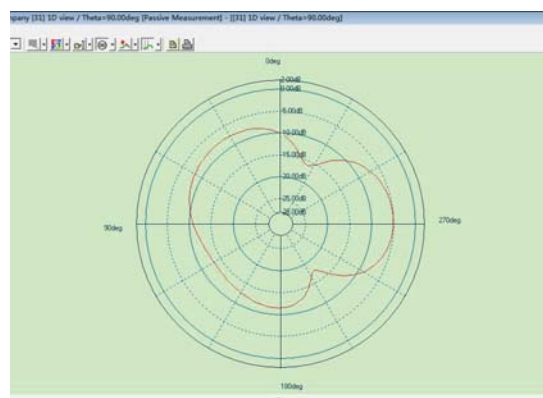
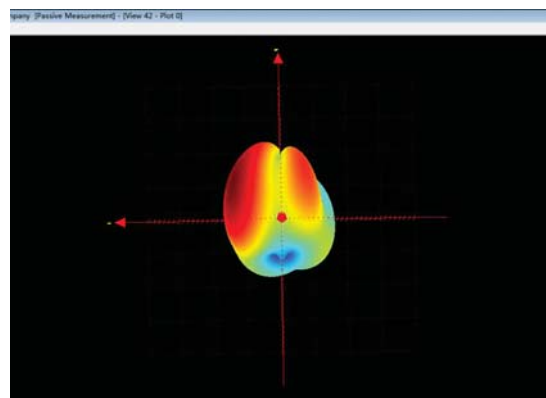


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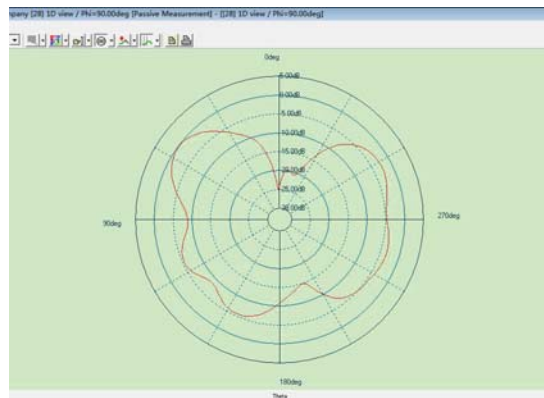
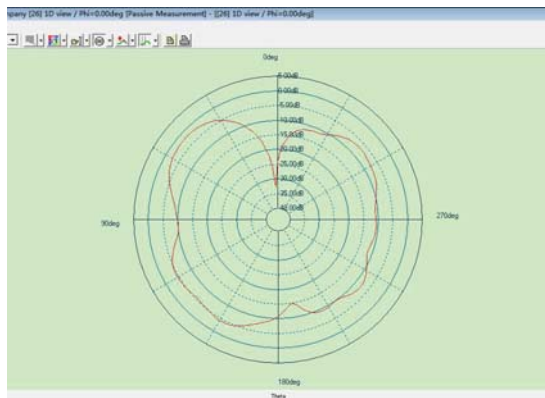
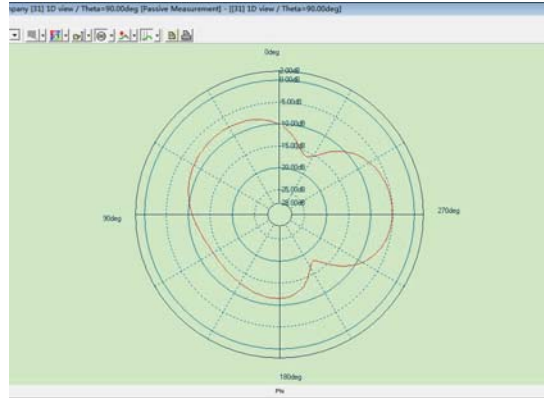
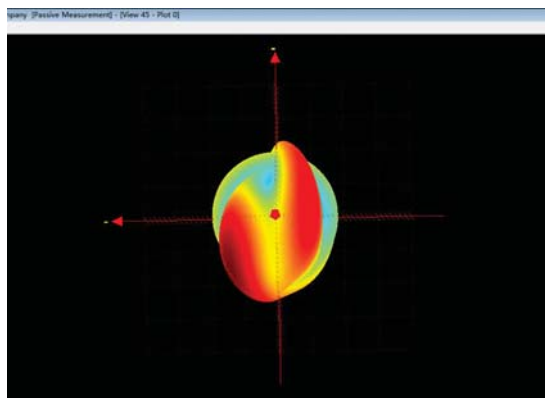
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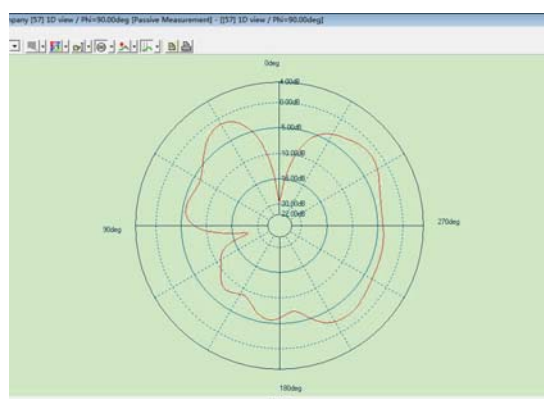
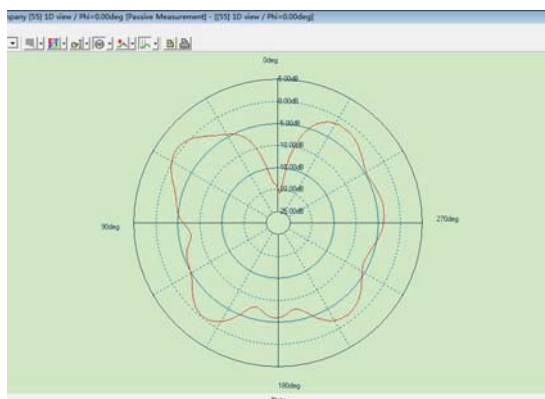
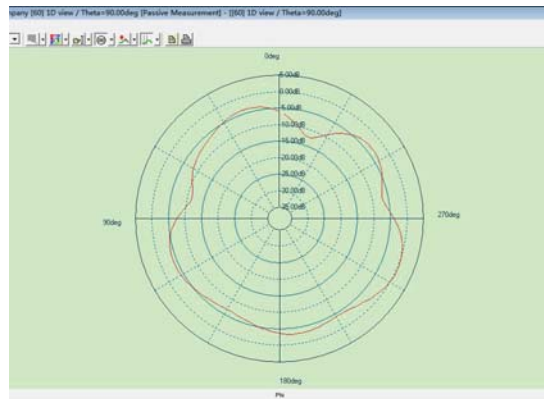
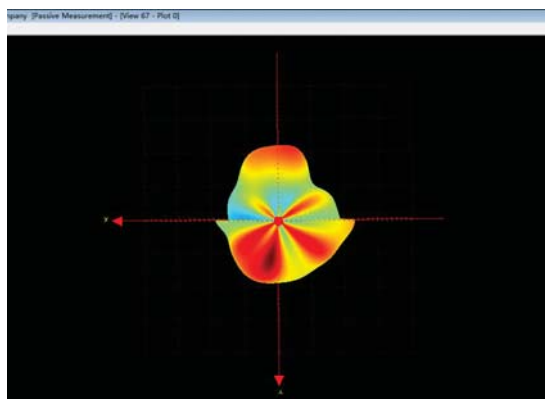
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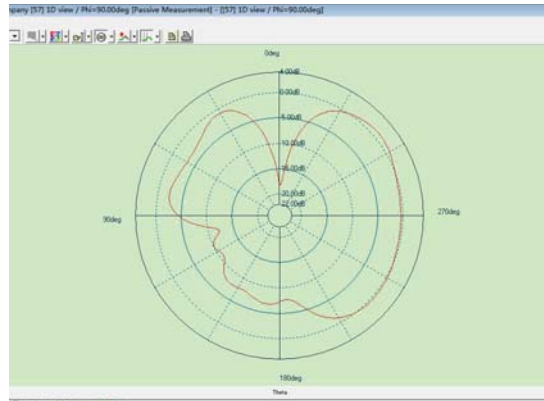
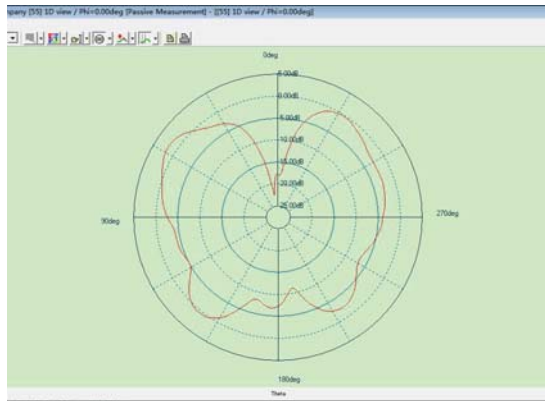
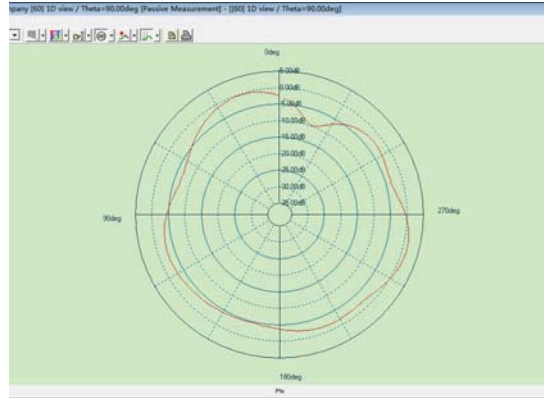
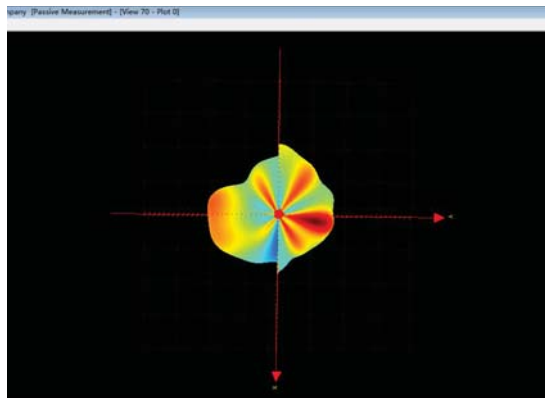
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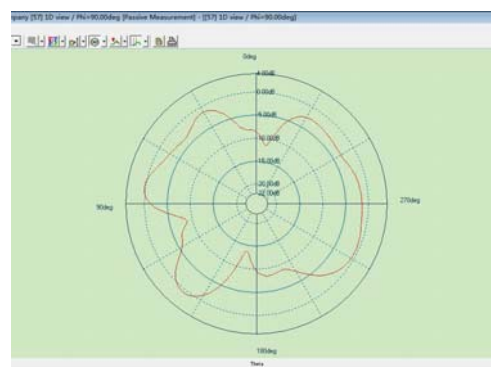
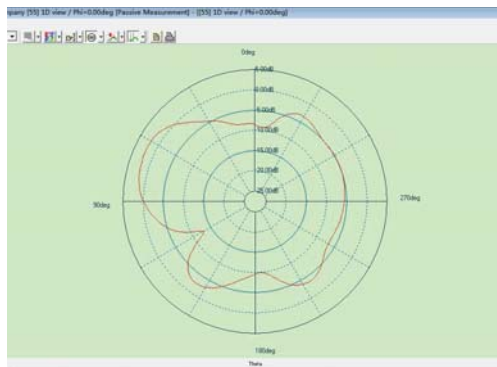
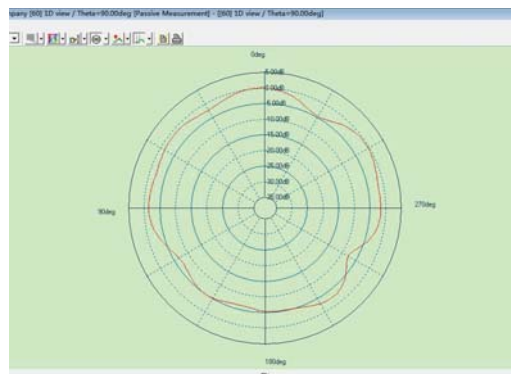
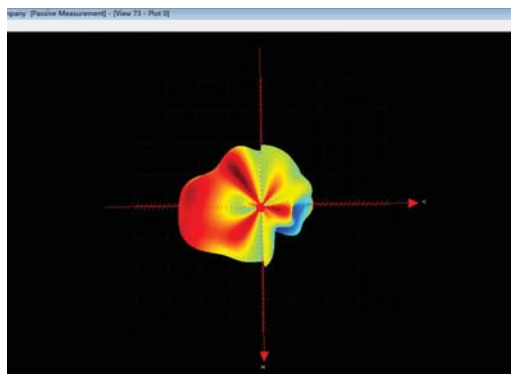
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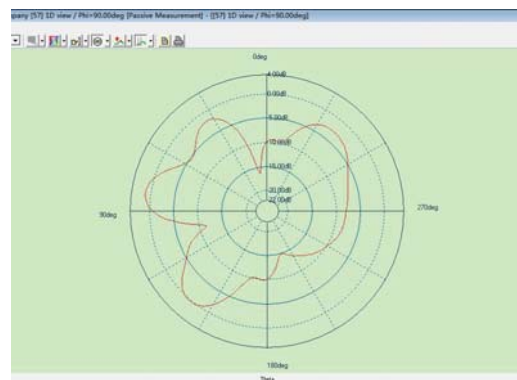
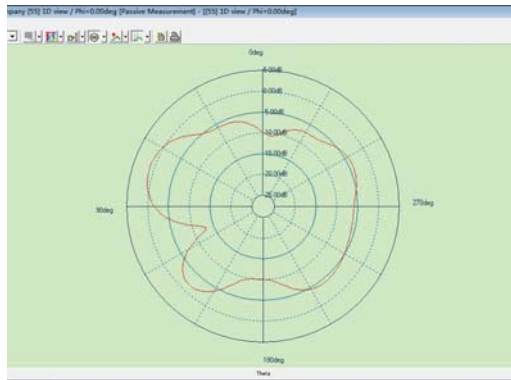
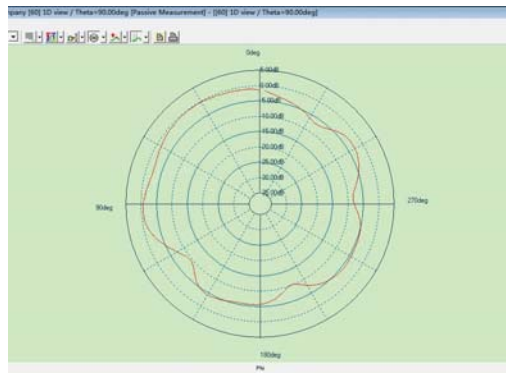
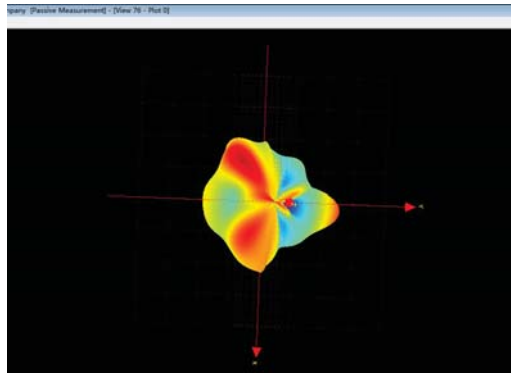
1950MHz



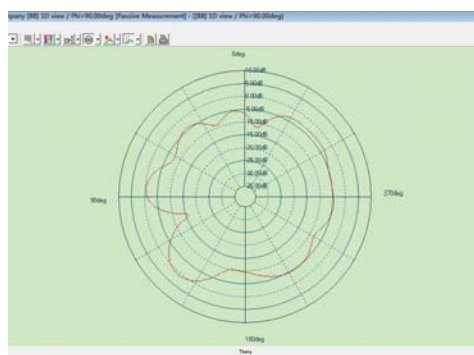
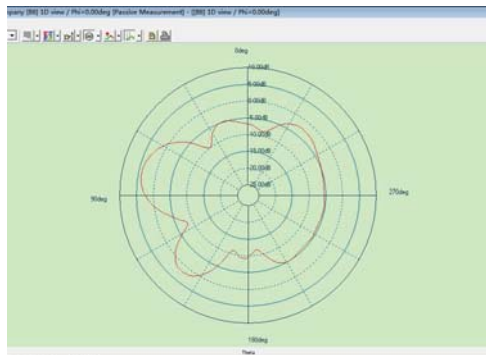
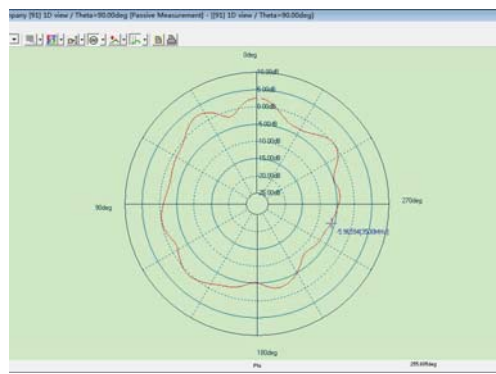
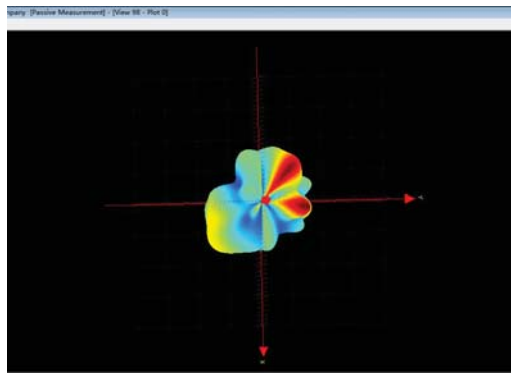
2350MHz



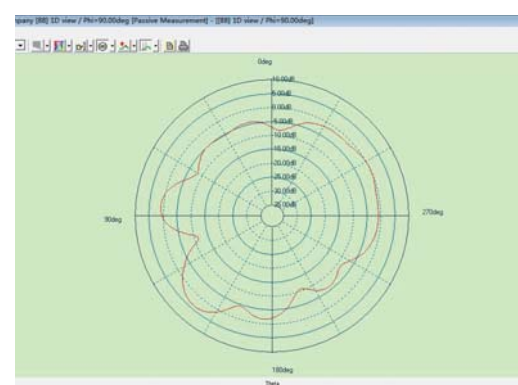
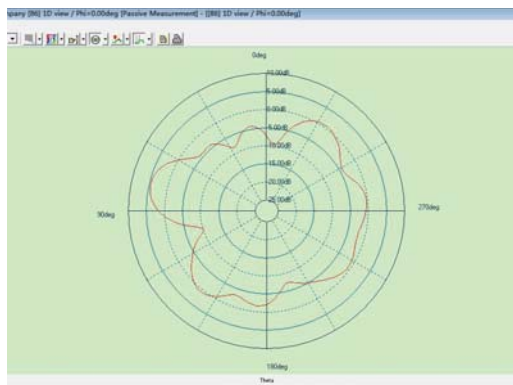
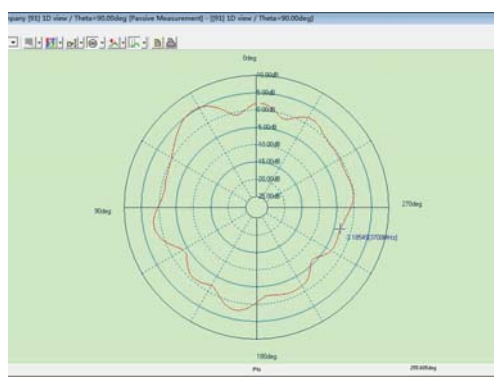
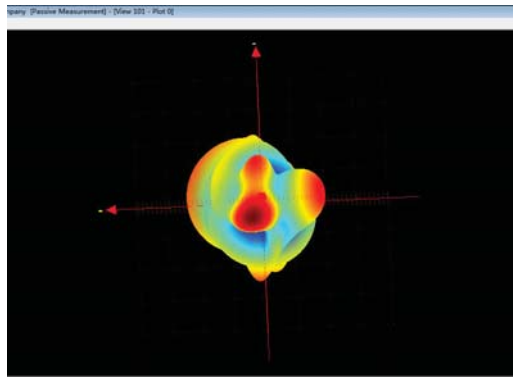
2590MHz



3500MHz

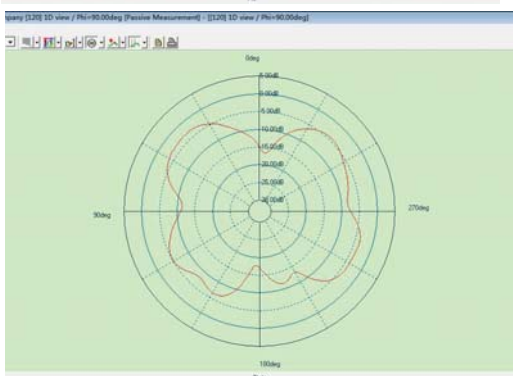
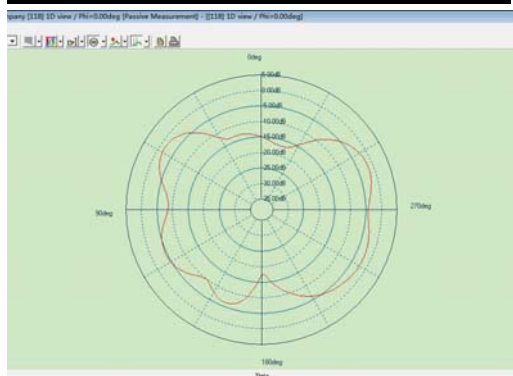
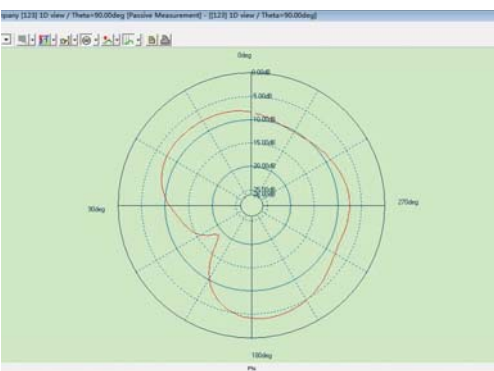
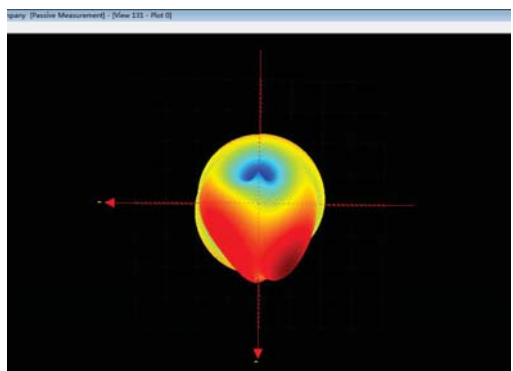


3700MHz

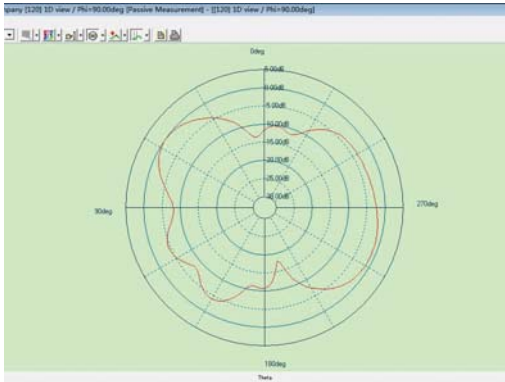
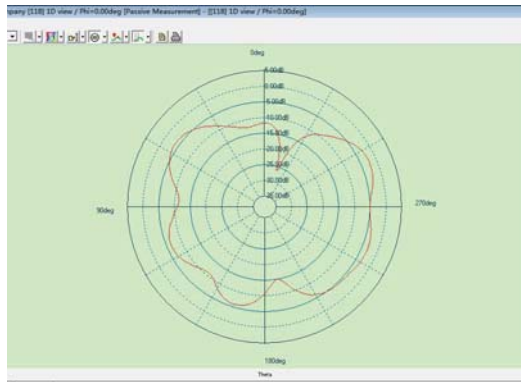
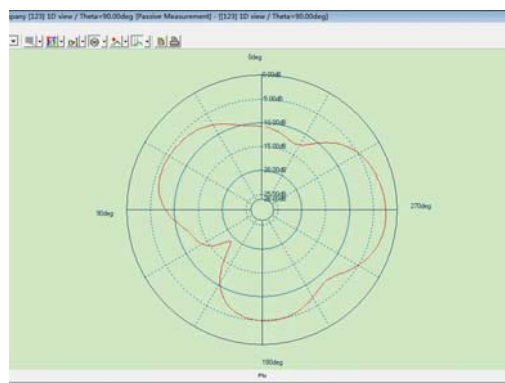
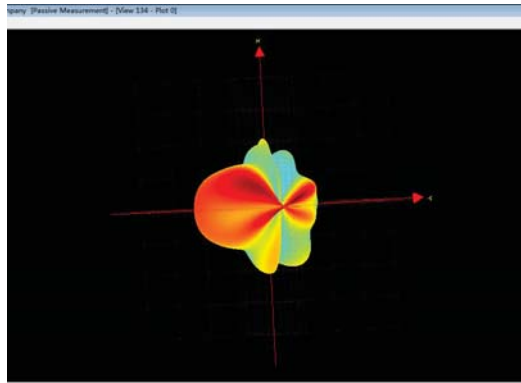


ANT4

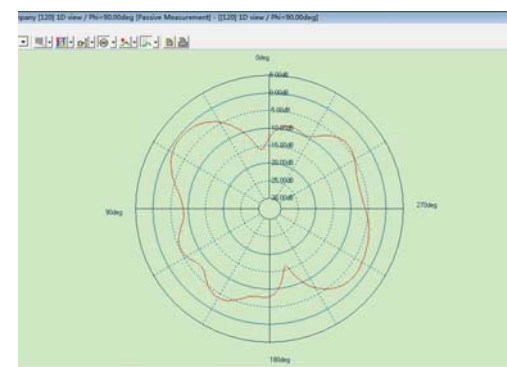
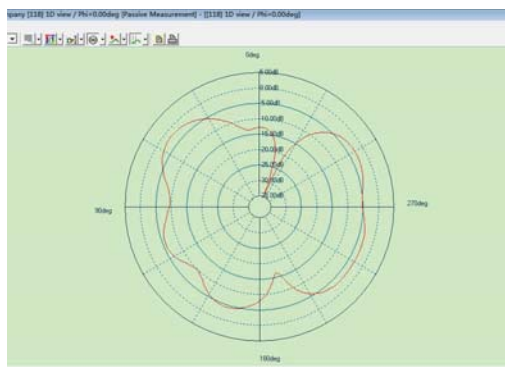
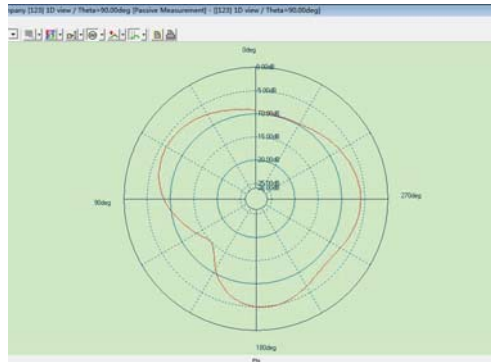
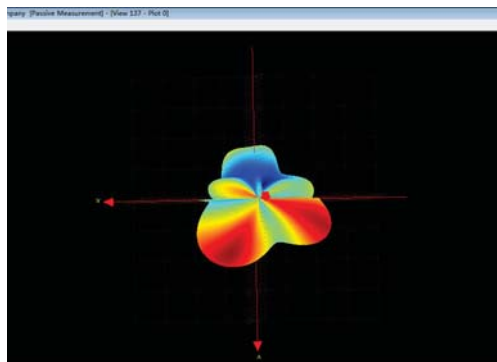
740MHz



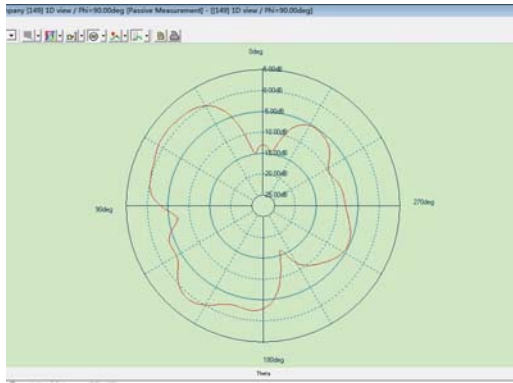
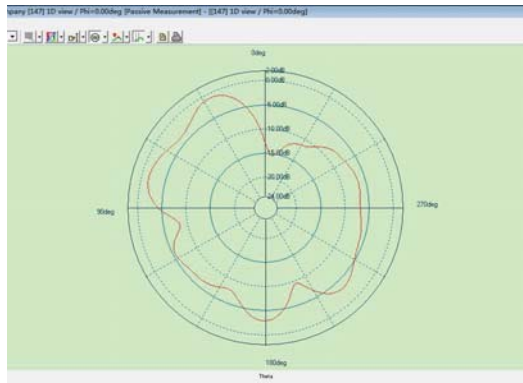
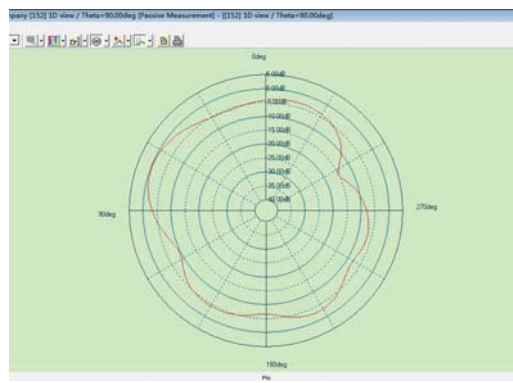
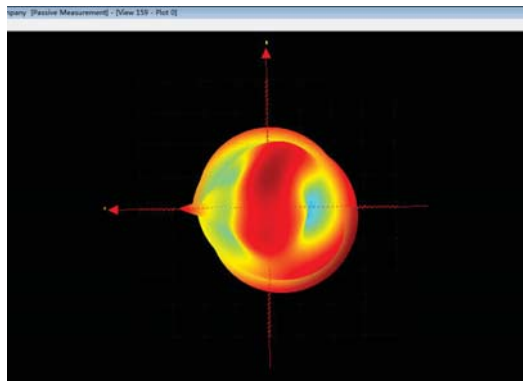
840MHz



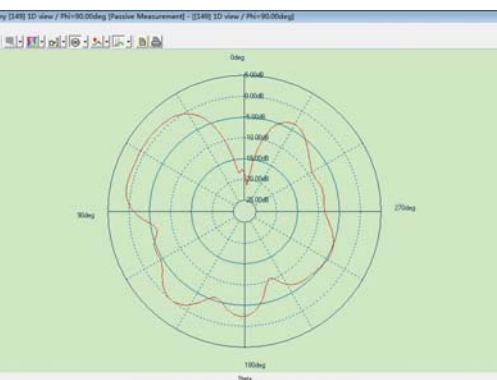
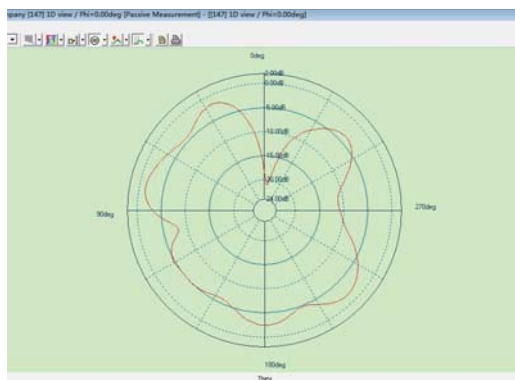
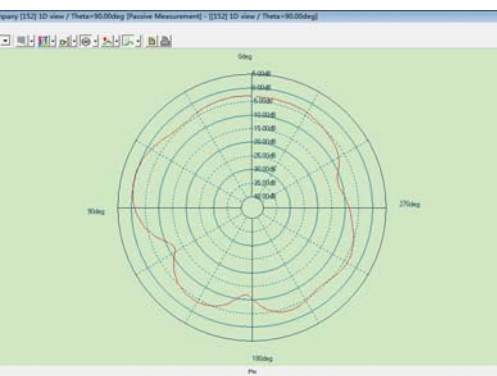
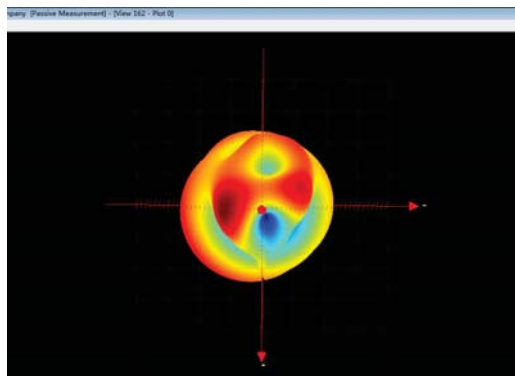
880MHz



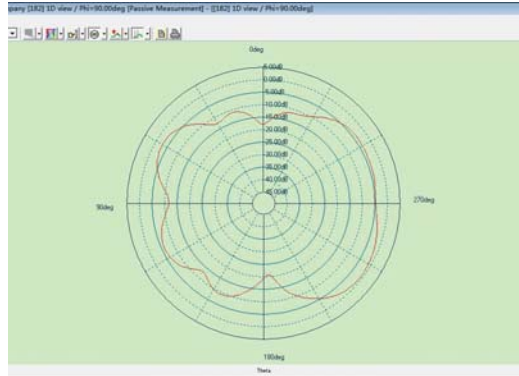
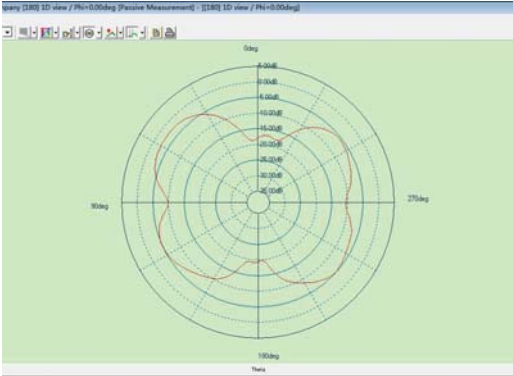
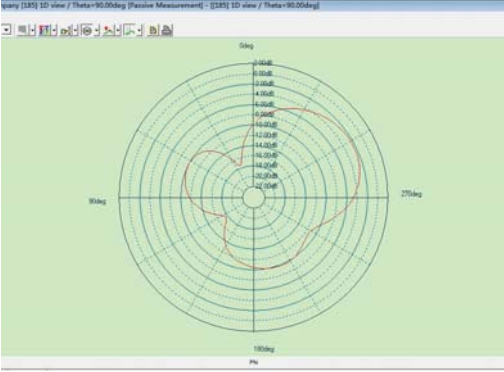
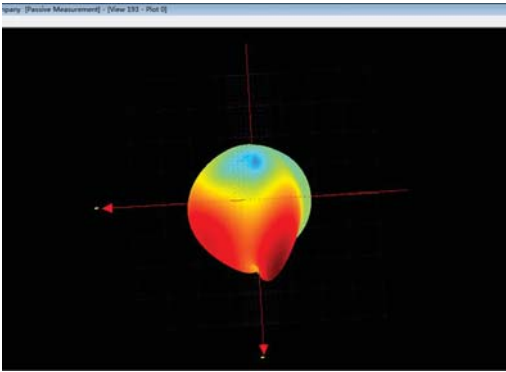
1750MHz



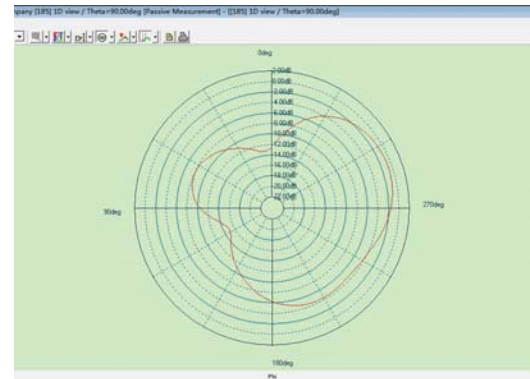
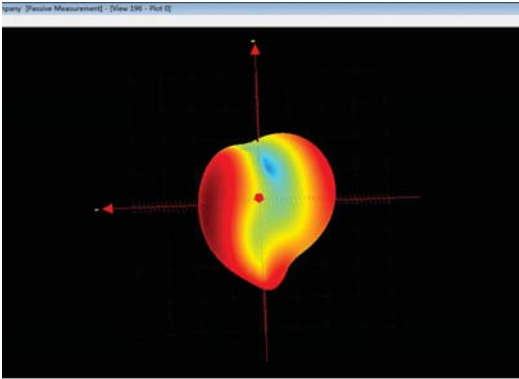
1950MHz

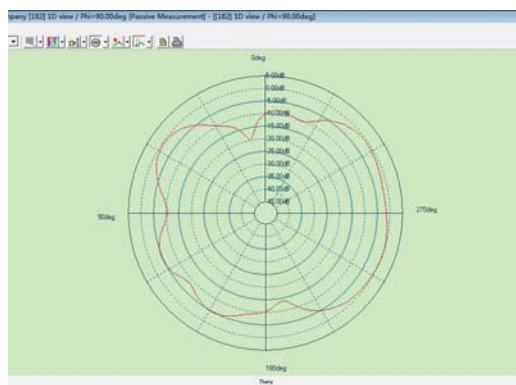
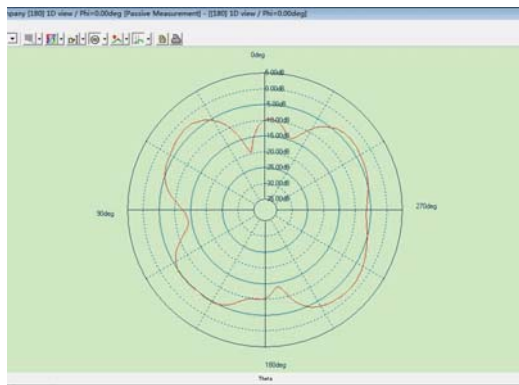


ANT5
740MHz

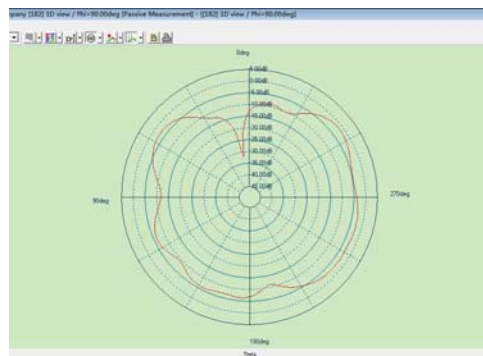
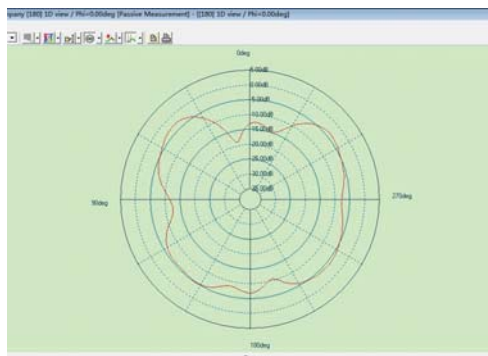
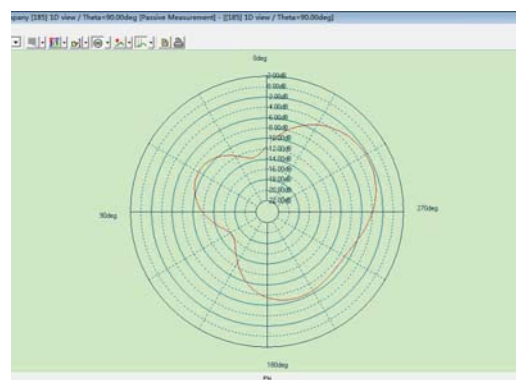
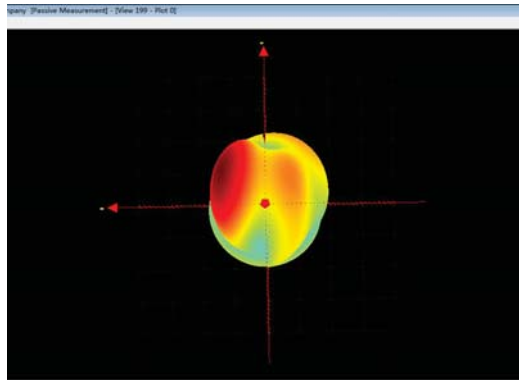


840MHz

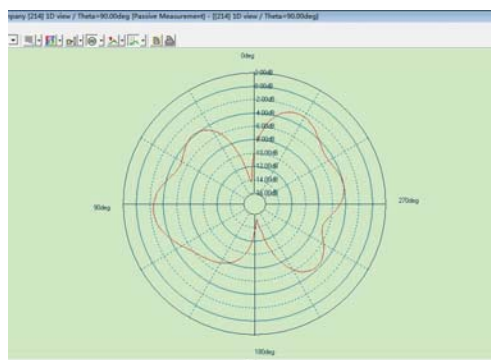
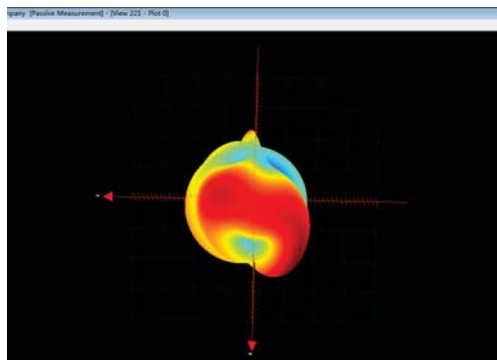


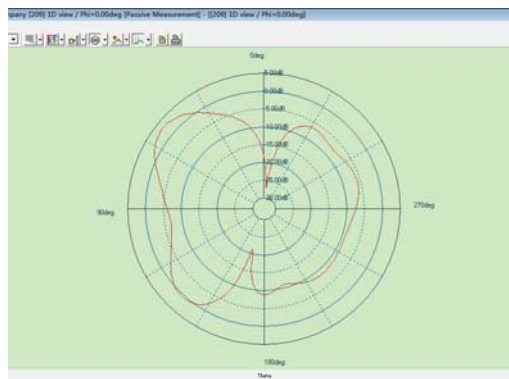
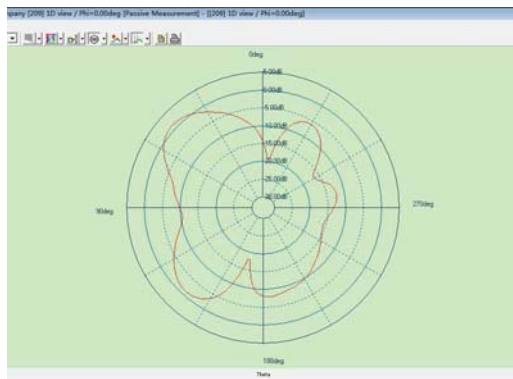


880MHz

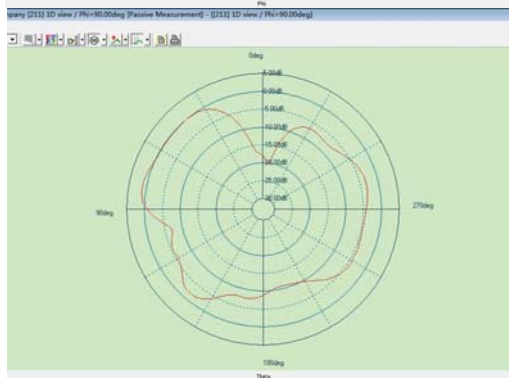
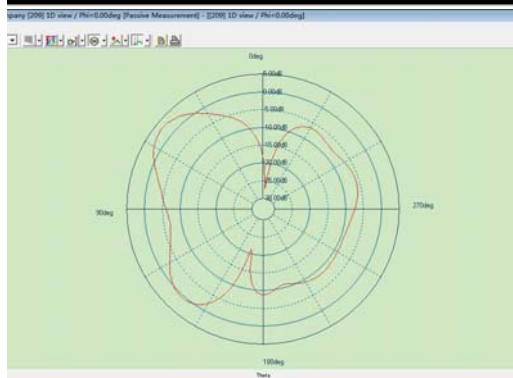
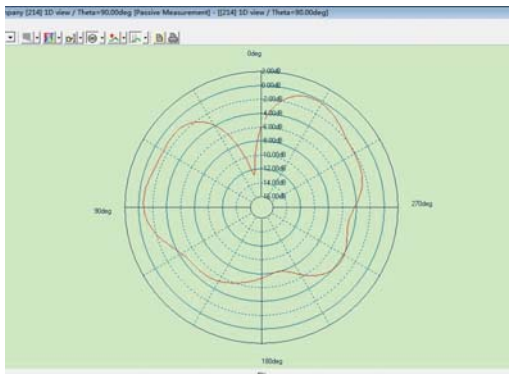
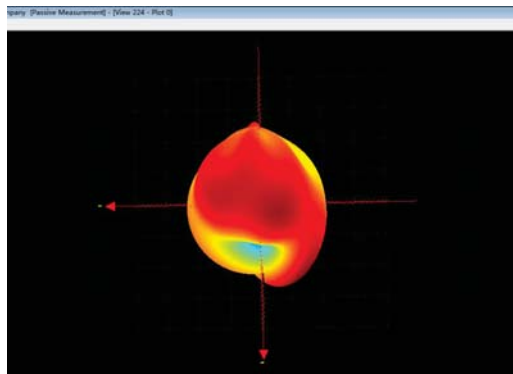


1750MHz

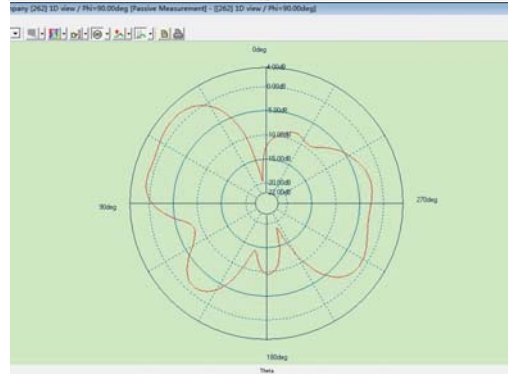
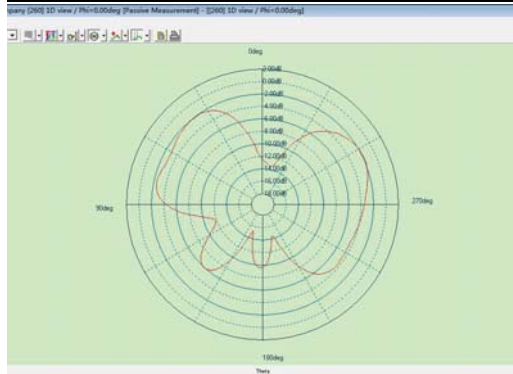
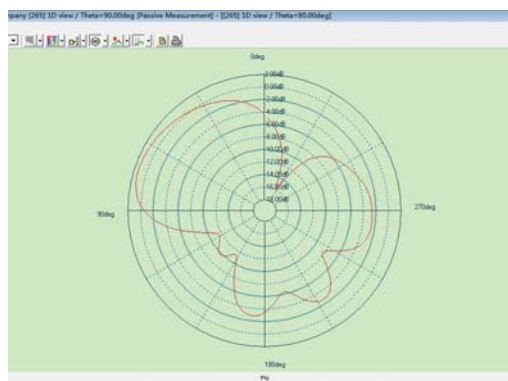
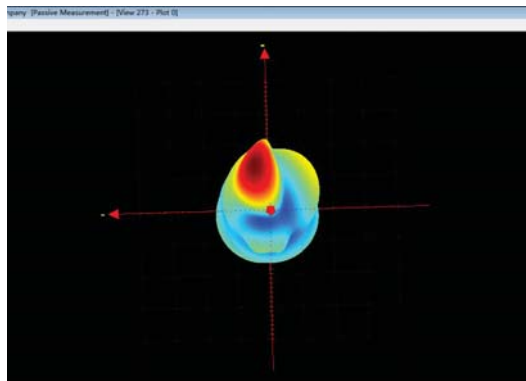




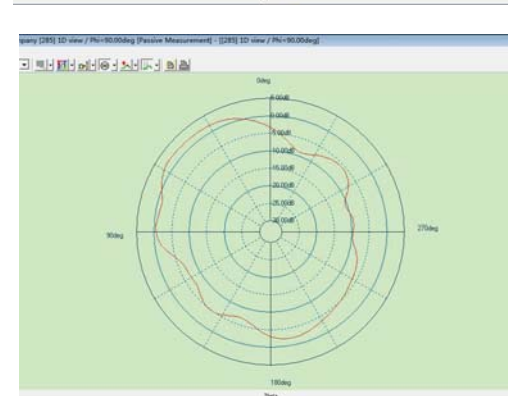
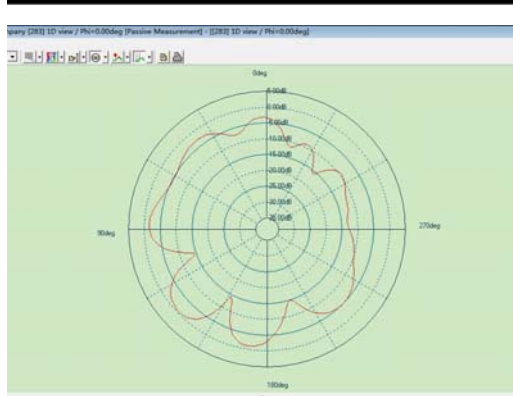
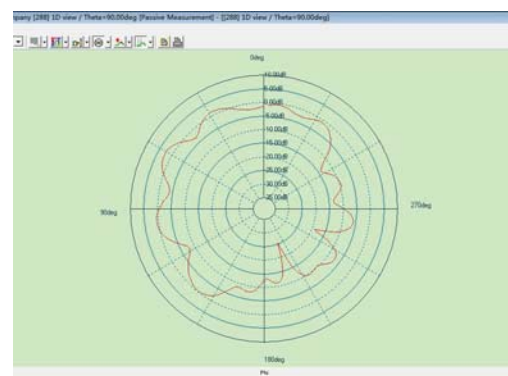
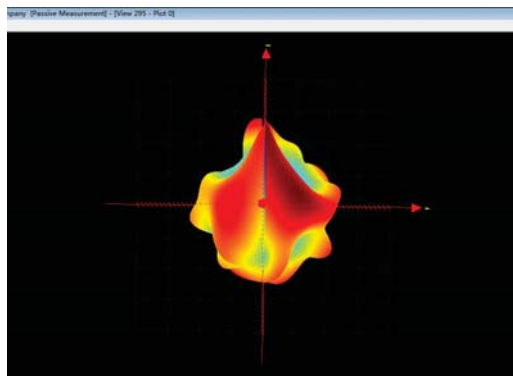
1950MHz



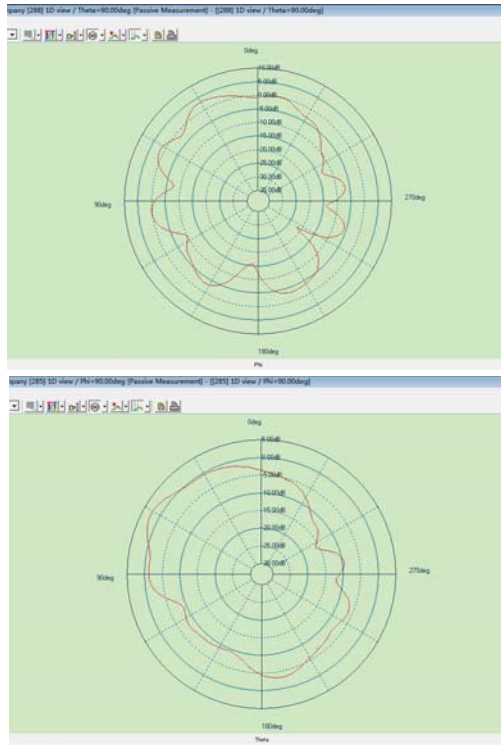
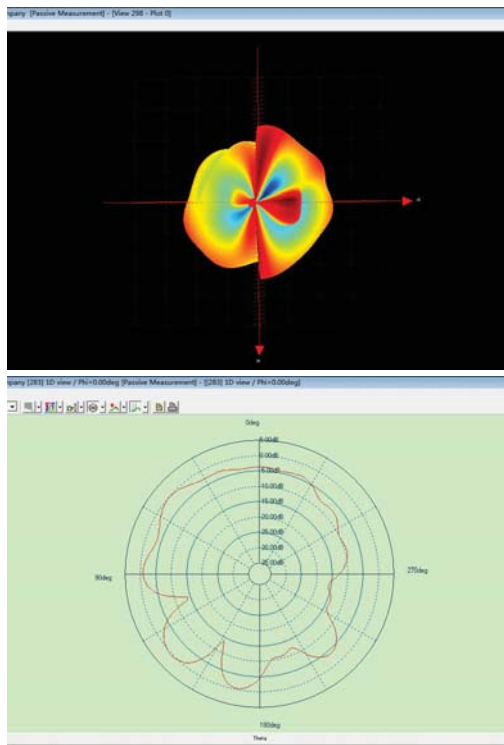
WiFi 0
2440MHz



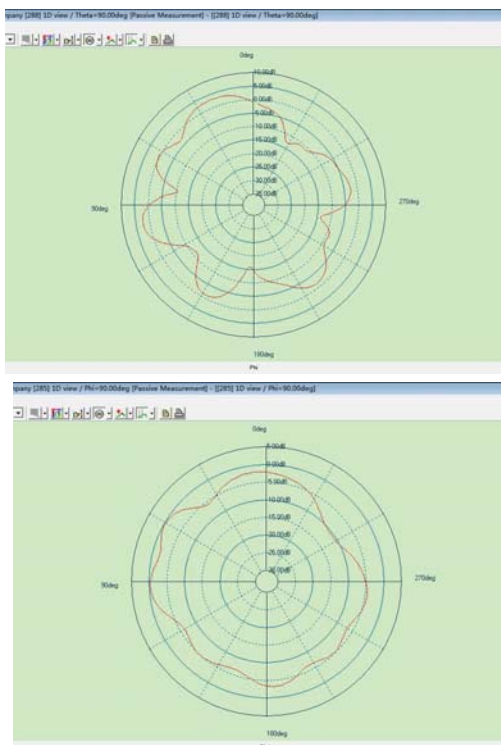
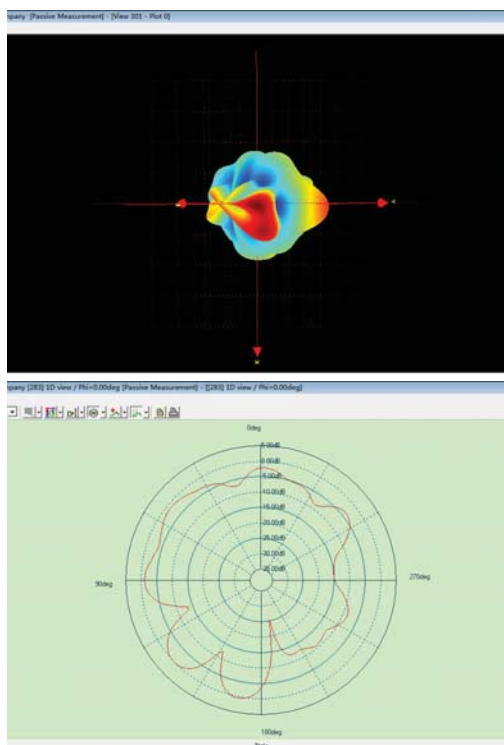
5180MHz



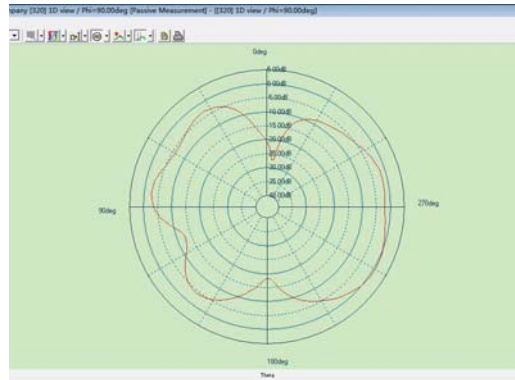
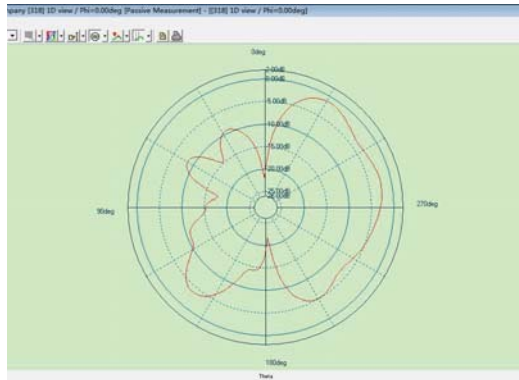
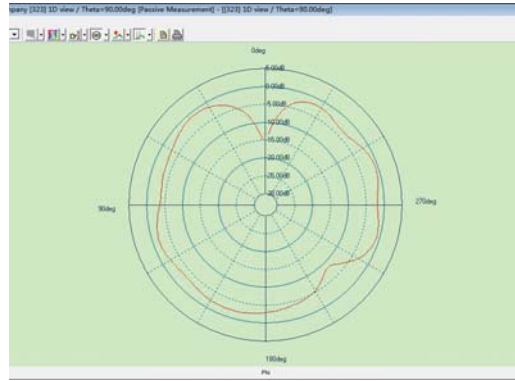
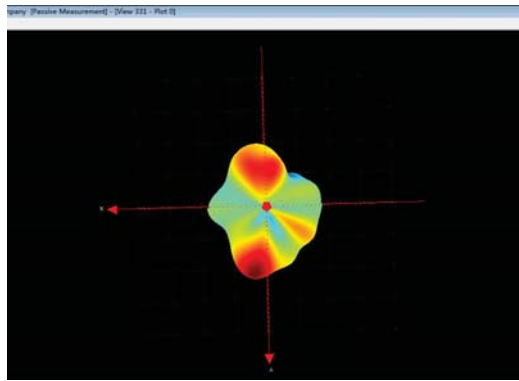
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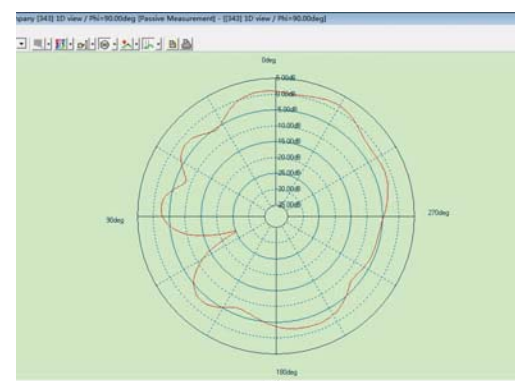
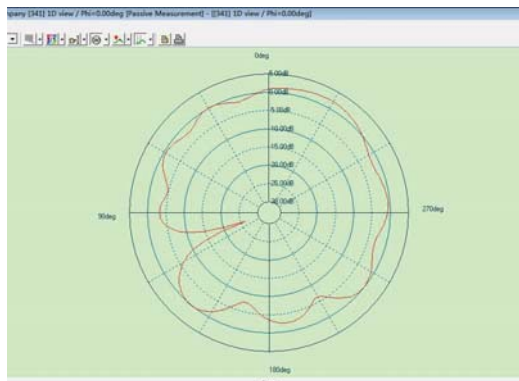
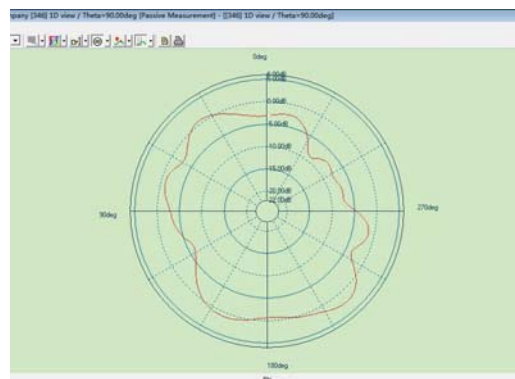
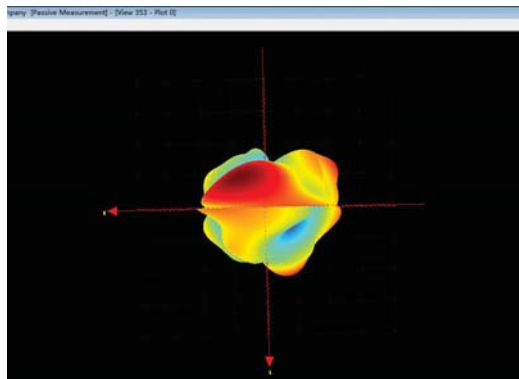
5820MHz



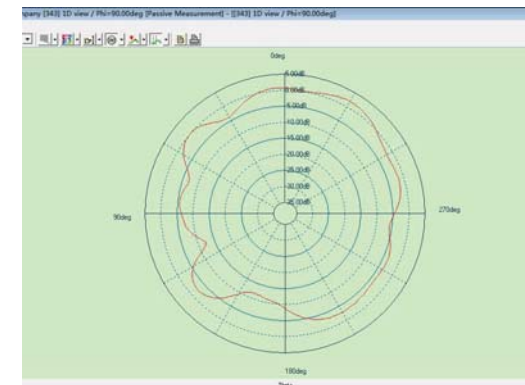
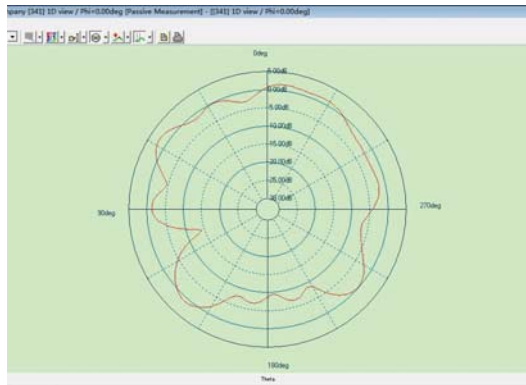
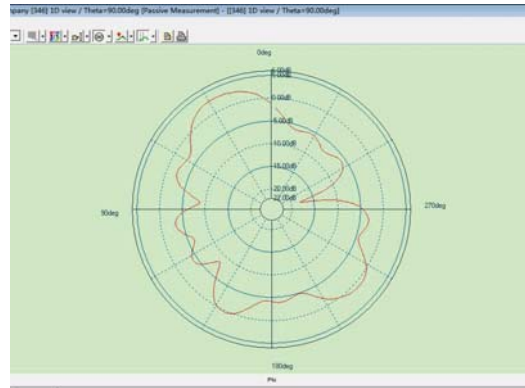
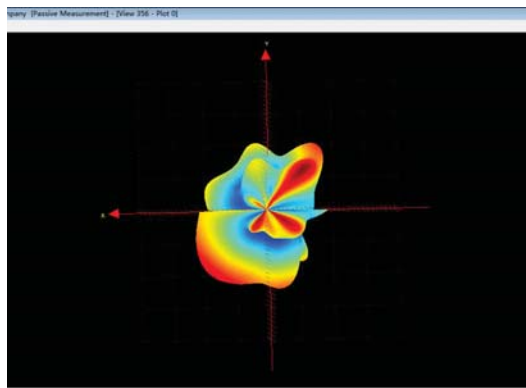
2400MHz



5180MHz



5680MHz



5820MHz

