
Antenna Specification

Product Name : M46 Antennas

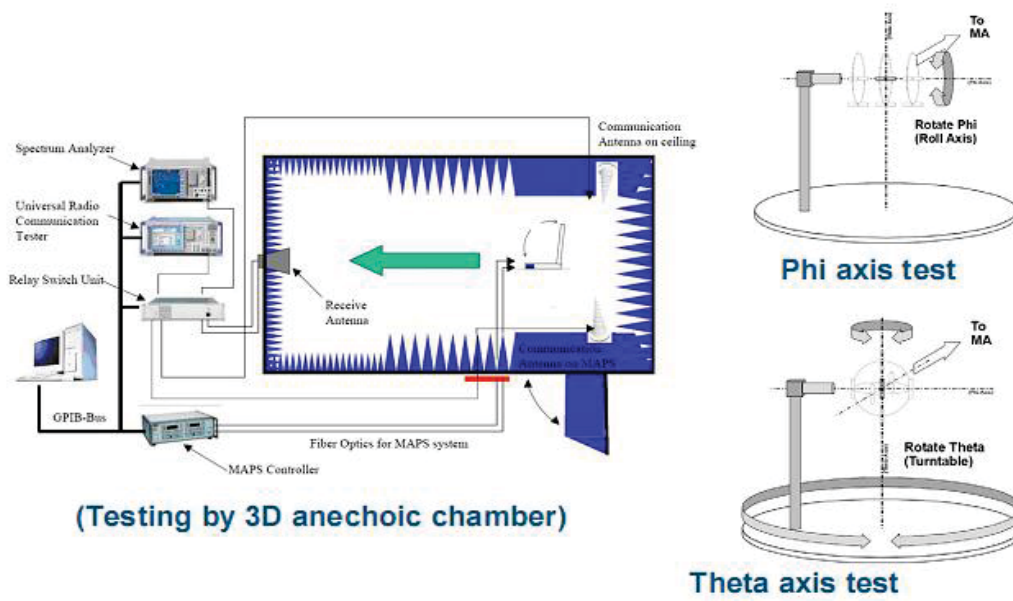
Specifications model : M46 Antennas

Date : 2024.04.15

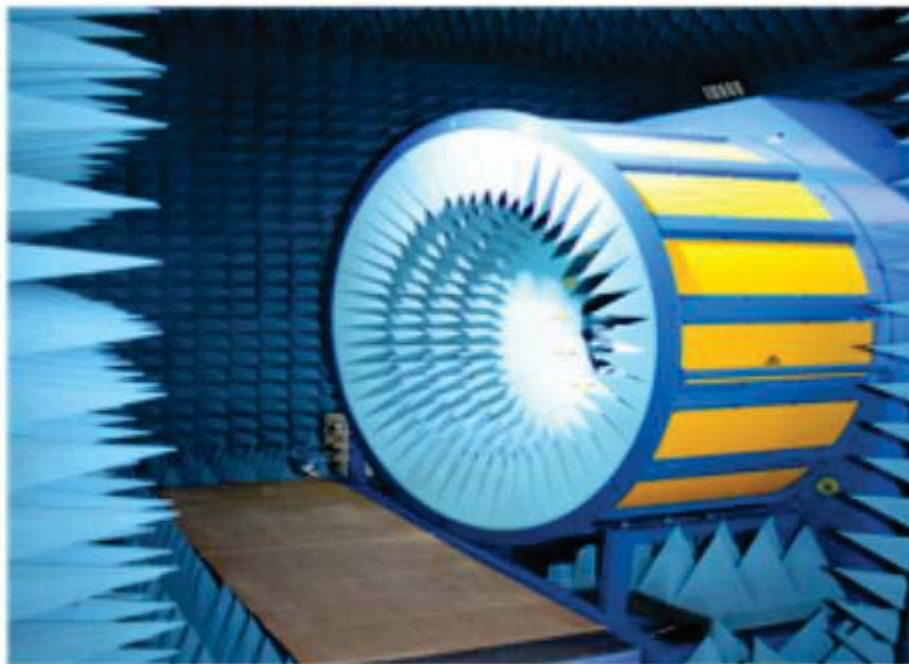
Confirmation of user:

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

Test Equipment



Chamber



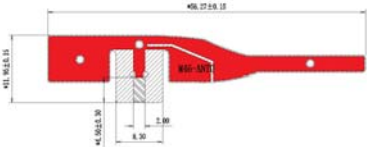
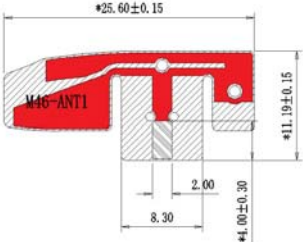
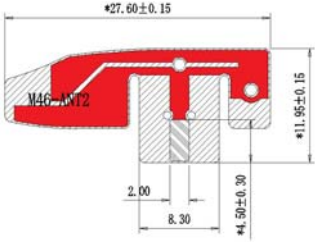
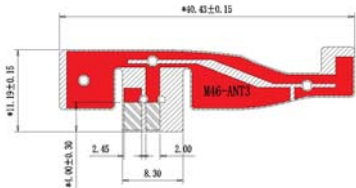
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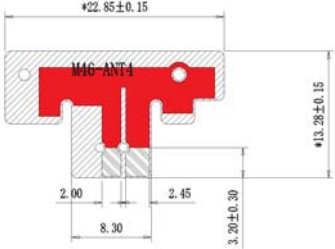
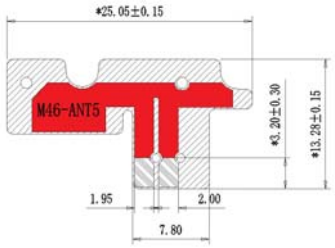
Shenzhen Ruiqiang Communication Co., Ltd
W2-A 502, Gaoxin Industrial Village, South Fourth Road, Nanshan District, Shenzhen

Item	Describe
Input impedance	50 Ω
VSWR	<2.5
ANT0 antenna Gain	4G&5G N2:1.5dBi N5:2.1dBi N7:1.7dBi N8:0.7dBi N25:1.5dBi N38:1.7dBi N40:1.5dBi N41:1.7dBi N66:1.5dBi N71:0.8dBi N77:5dBi N78:3.2dBi B2: 1.5dBi B4:1.1dBi B5:2.1dBi B7:1.7dBi B8: 0.7dBi B12: 0.8dBi B25:1.5dBi B38:0.8dBi B40: 1.5dBi B41: 1.7dBi B42: 3.2dBi B43: 5dBi B66:1.5dBi B71:0.8dBi
ANT1 antenna Gain	4G&5G N2:2.8dBi N7:3.7dBi N25:2.8dBi N38:3.7dBi N40:0dBi N41:3.7dBi N66:2.8dBi N77:6.5dBi N78:2.7dBi B2: 2.8dBi B4:1.2dBi B7:3.7dBi B25:2.8dBi B38:3.7dBi B40:0dBi

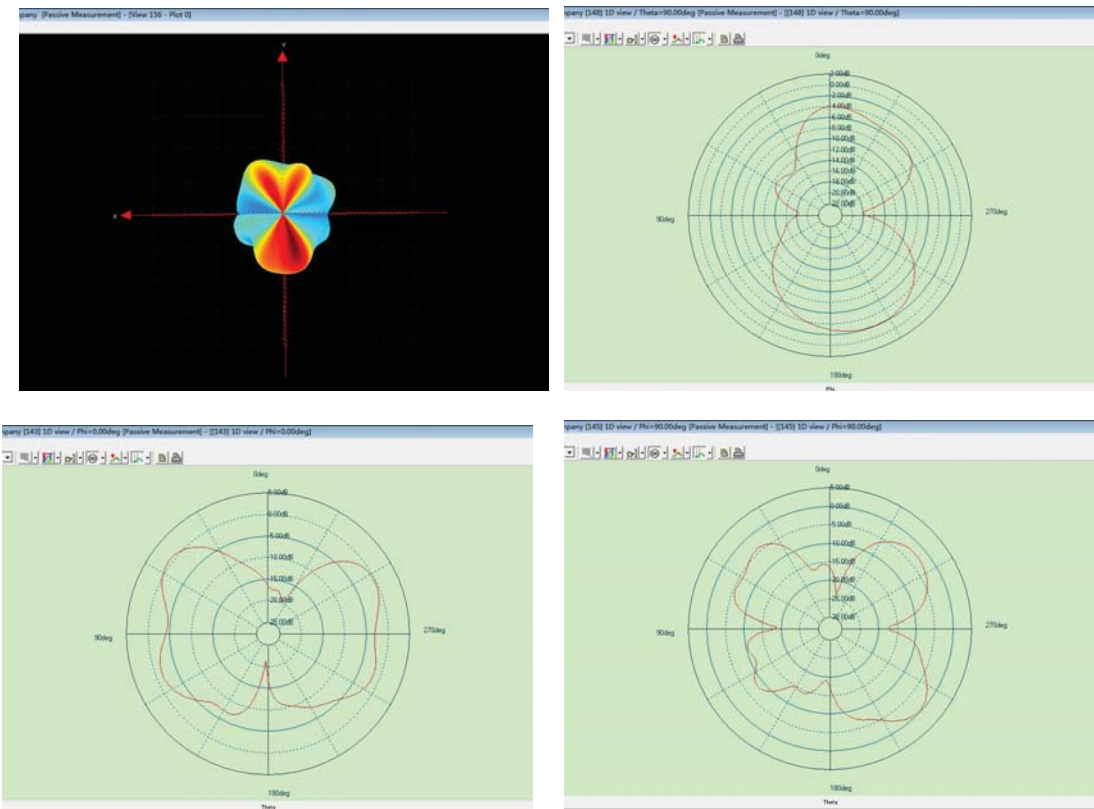
	B41: 3.7dBi B42:2.7dBi B43:6.5dBi B66:2.8dBi
ANT2 antenna Gain	4G&5G N2:1.6dBi N7:2.9dBi N25:1.6dBi N38:2.9dBi N40:3.5dBi N41:2.9dBi N66:1.6dBi N77:6.9dBi N78:2.8dBi B2: 1.6dBi B4:1.5dBi B7:2.9dBi B25:1.6dBi B38:2.9dBi B40:3.5dBi B41:2.9dBi B42:2.8dBi B43:6.9dBi B66:1.6dBi
ANT3 antenna Gain	4G&5G N2:1.7dBi N5:-0.2dBi N7:2.1dBi N8:-0.8dBi N25:1.7dBi N38:2.1dBi N40:4.1dBi N41:2.1dBi N66:1.7dBi N71:-5dBi N77:3.1dBi N78:2.1dBi B2:1.7dBi B4:-0.7dBi B5:-0.2dBi B7:2.1dBi B8:-0.8dBi B12:-3dBi B25:1.7dBi B38:2.1dBi B40:4.1dBi

	B41:2.1dBi B42:2.1dBi B43:3.1dBi B66:1.7dBi B71:-5dBi
ANT4(WIFI0) antenna Gain	2.4G: 0.77dBi 5.8G:2.69dBi
ANT5(WIFI1) antenna Gain	2.4G: -1.5dBi 5.8G:5.4dBi
Polarization	Linear Polarization

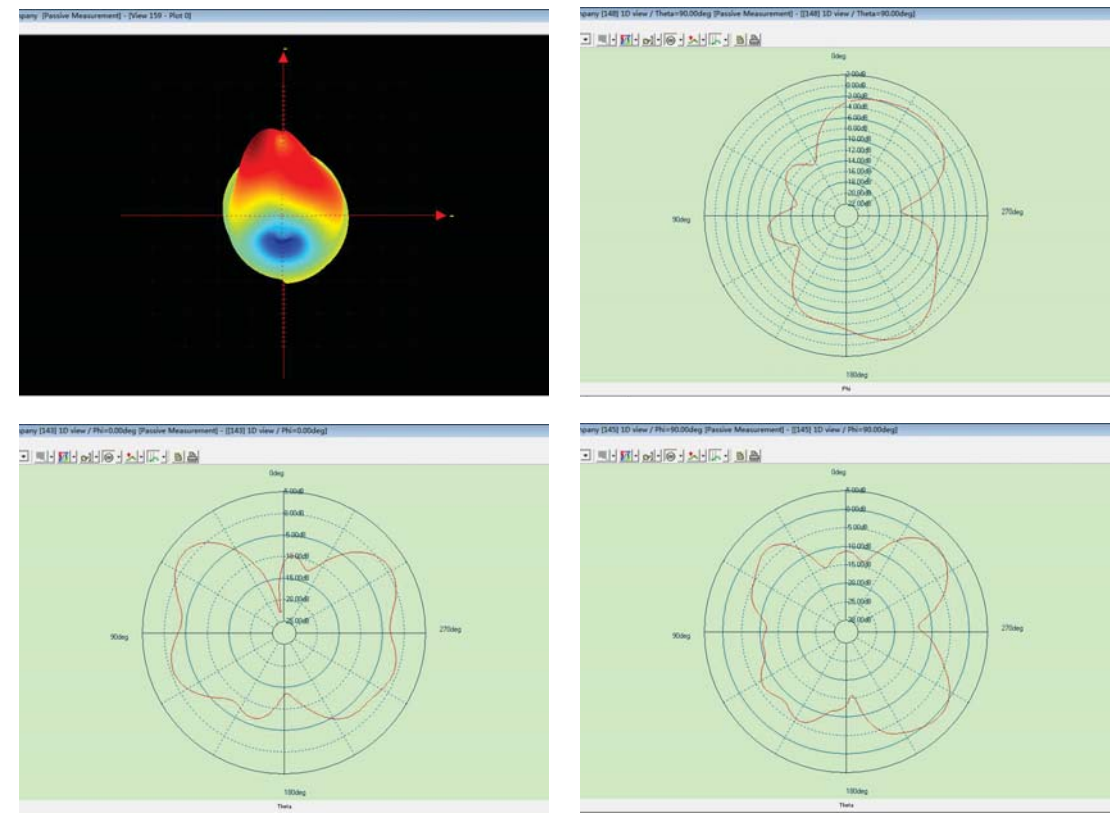
Antenna Shape	Frequency/Type
ANT0 	700-4200MHz Monopole
ANT1 	1710-4200MHz Monopole
ANT2 	1710-4200MHz Monopole
ANT3 	700-4200MHz IFA
ANT4	2400-2500MHz 5150-5180MHz IFA

	
ANT5 	2400-2500MHz 5150-5180MHz IFA

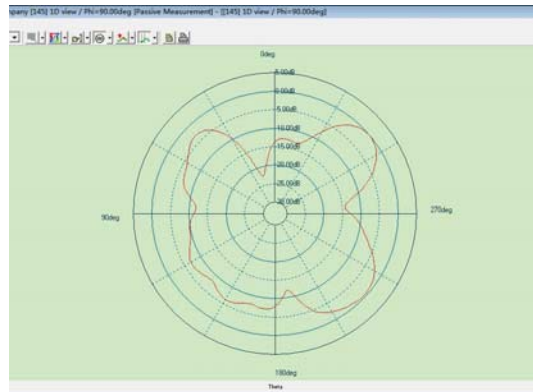
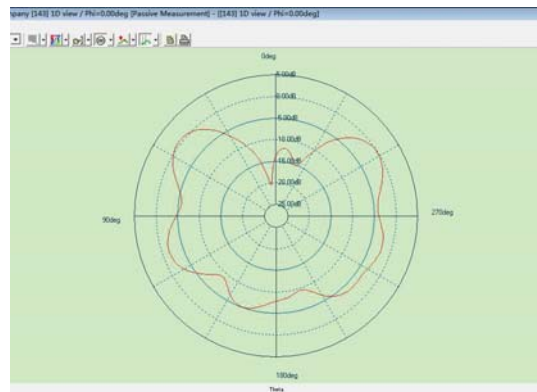
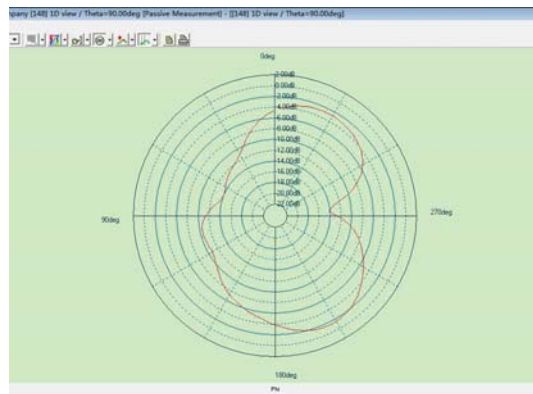
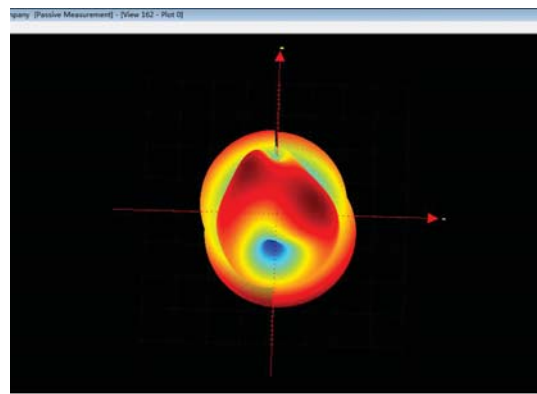
ANT0
740MHz



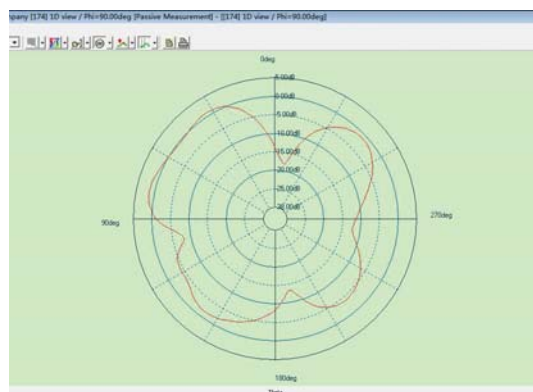
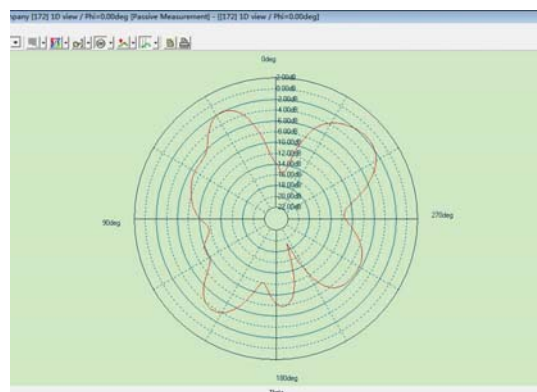
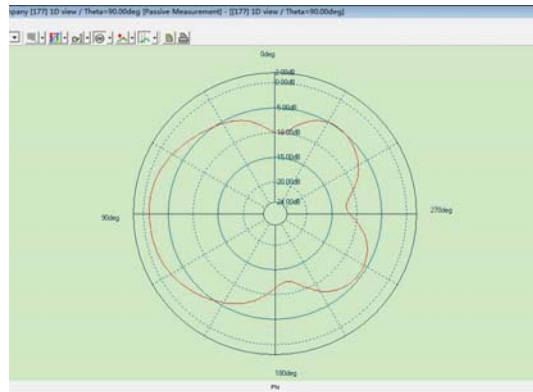
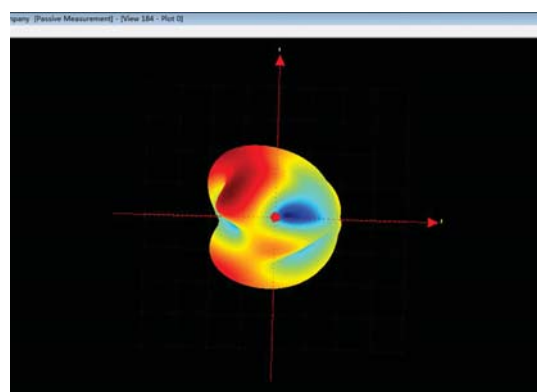
840MHz



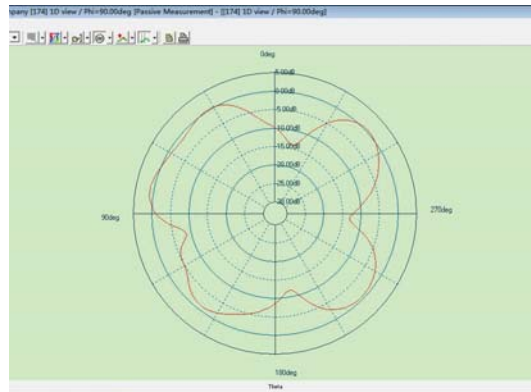
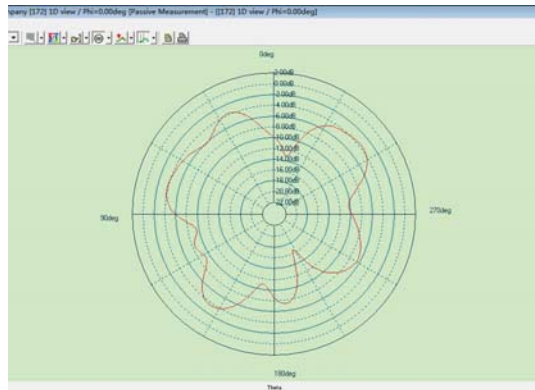
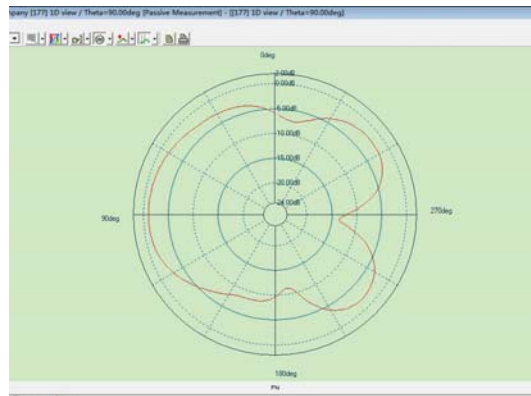
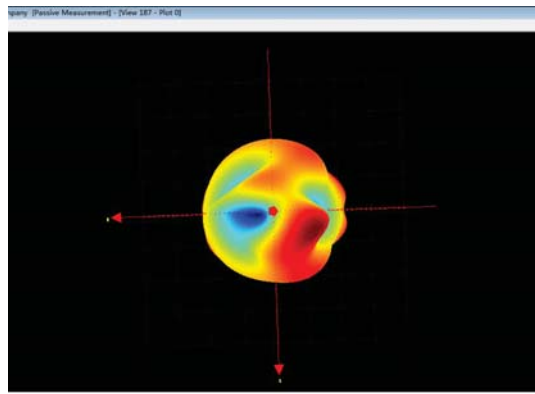
880MHz



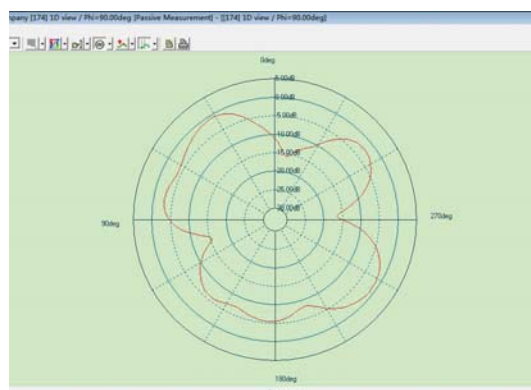
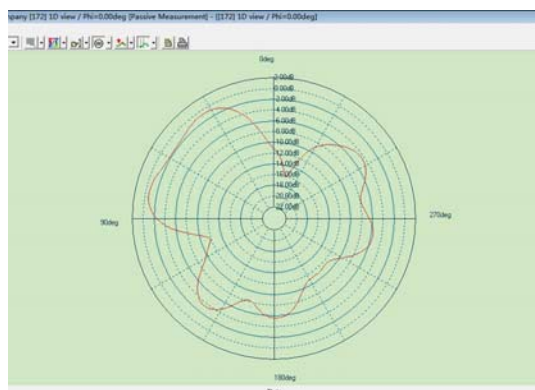
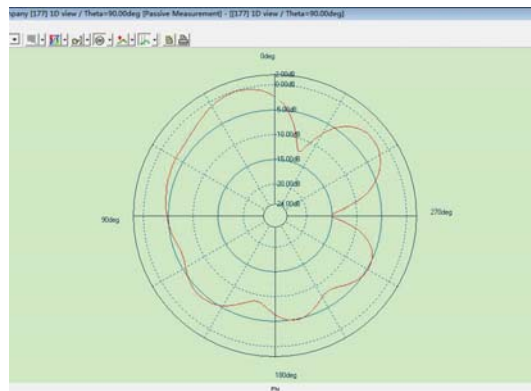
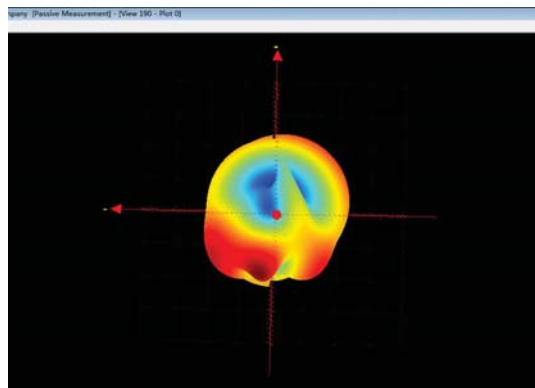
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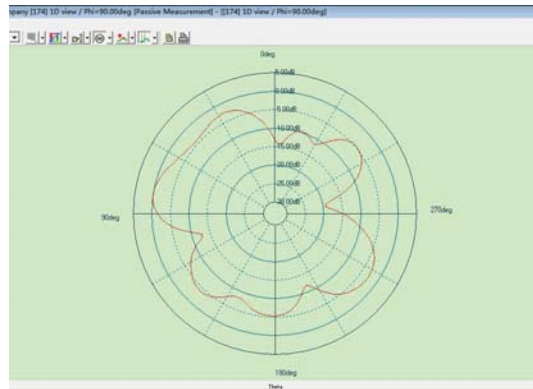
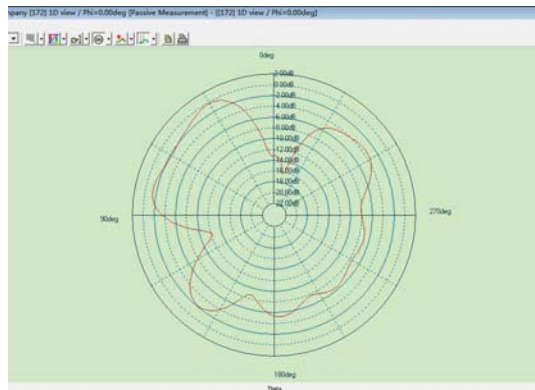
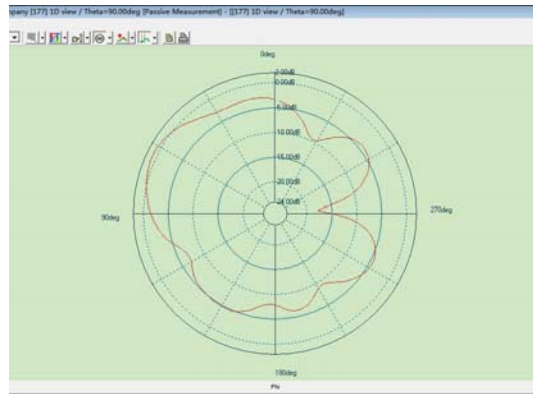
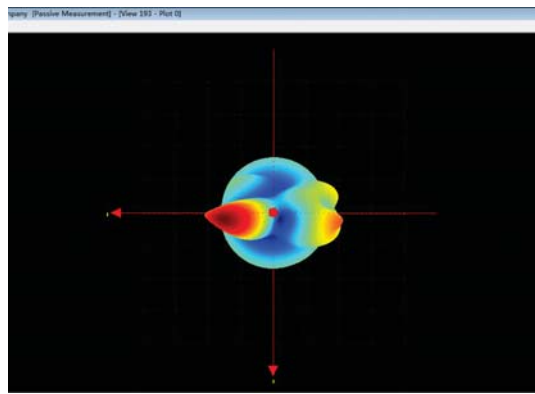
1950MHz



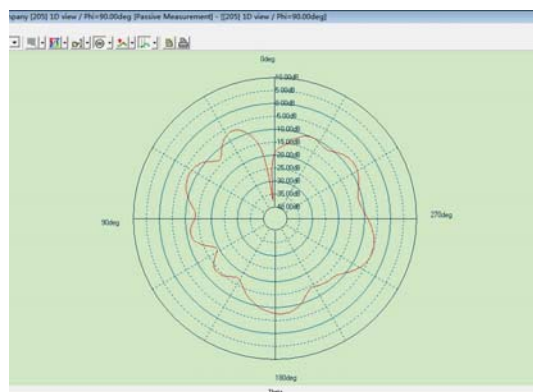
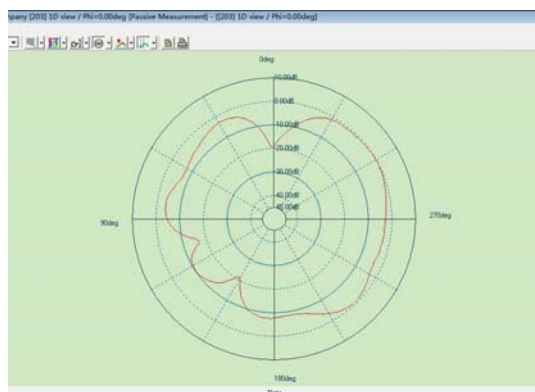
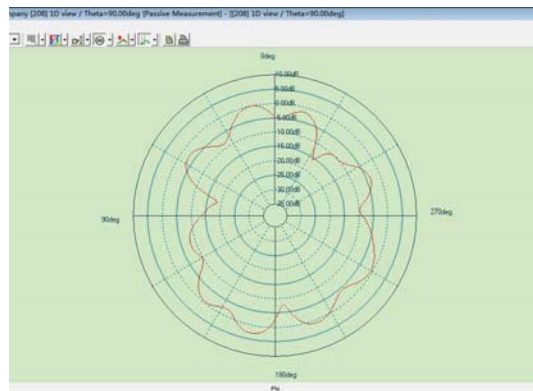
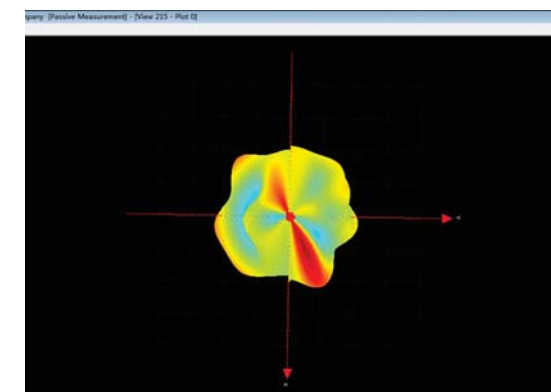
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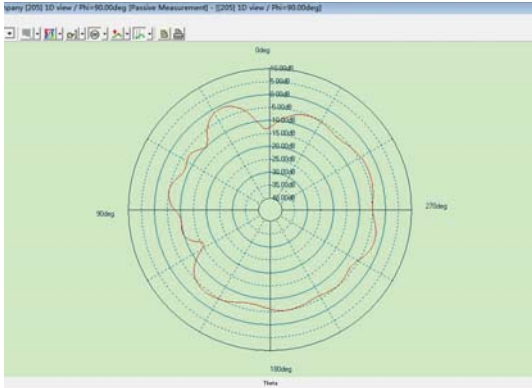
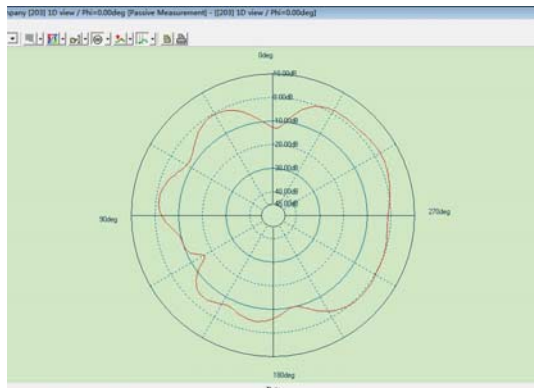
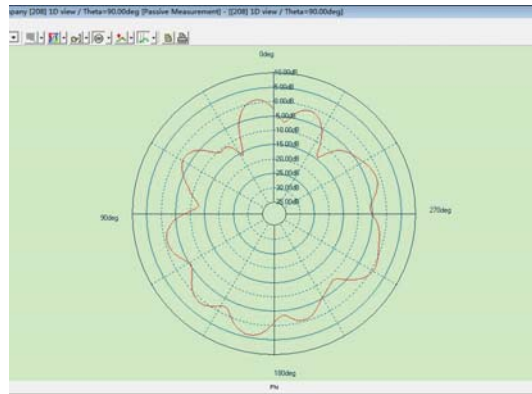
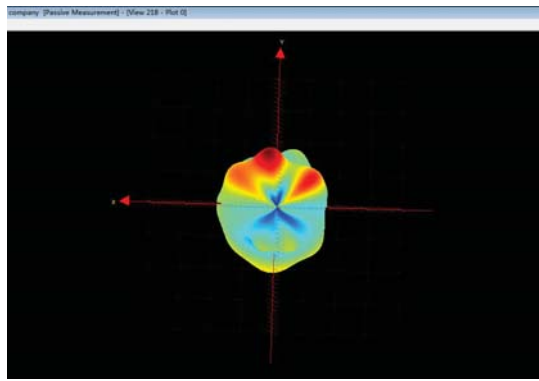
2590MHz



3500MHz

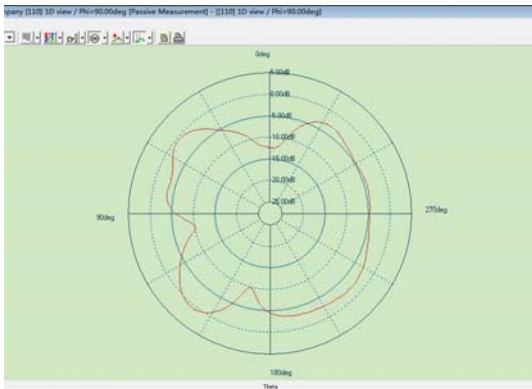
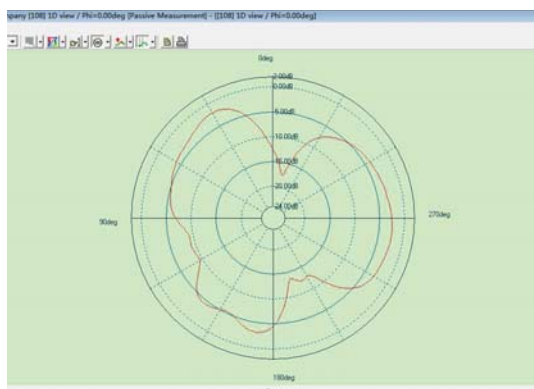
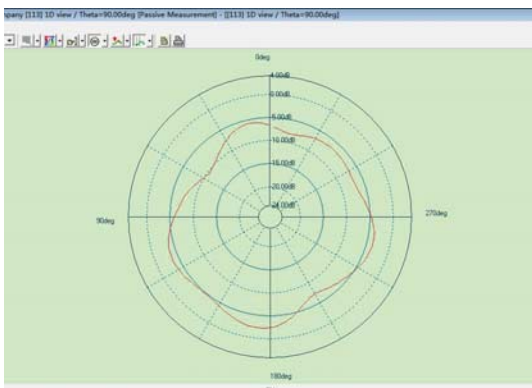
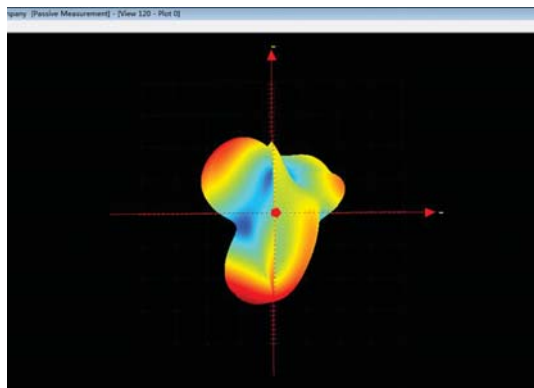


3700MHz

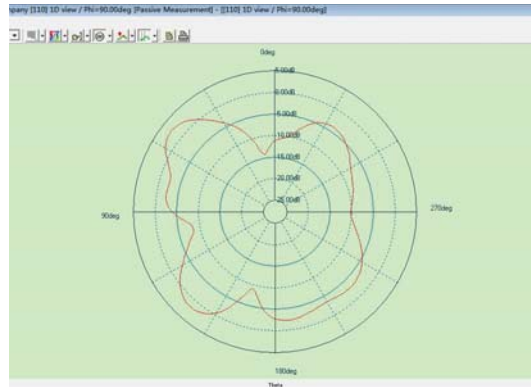
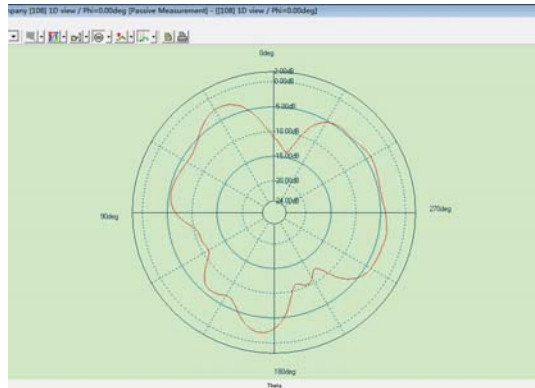
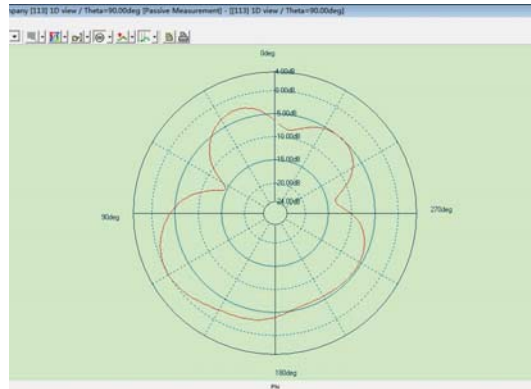
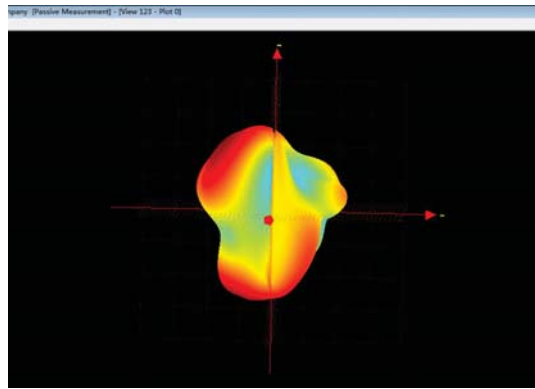


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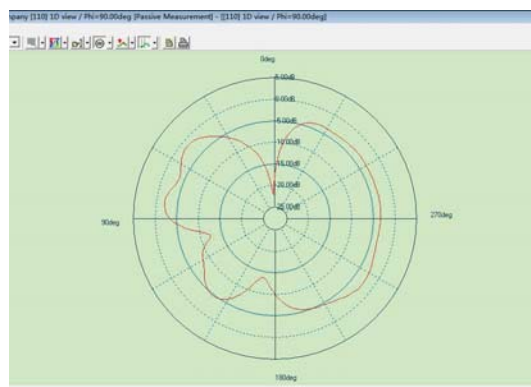
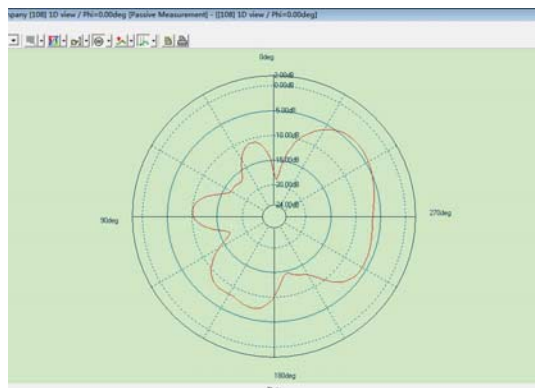
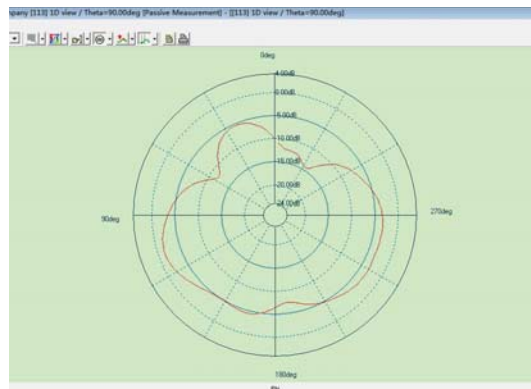
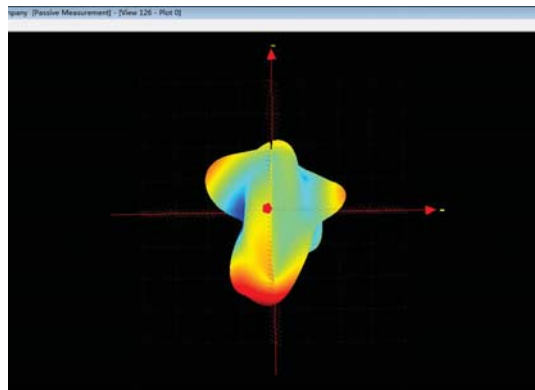
1750MHz



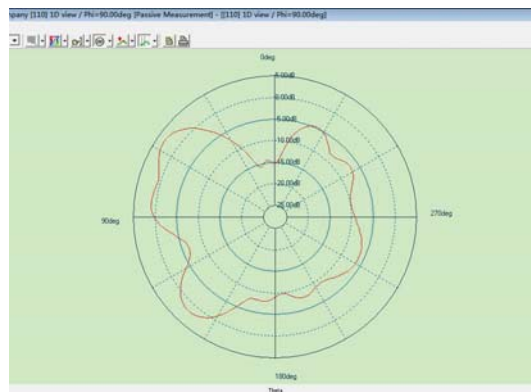
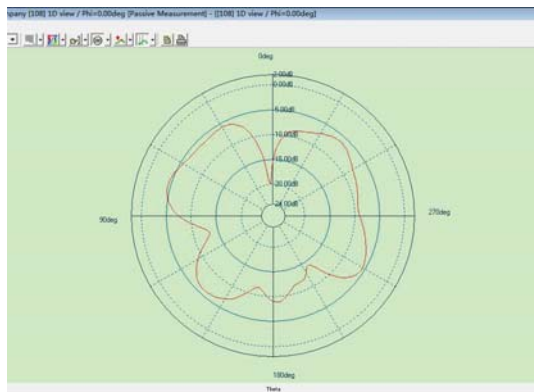
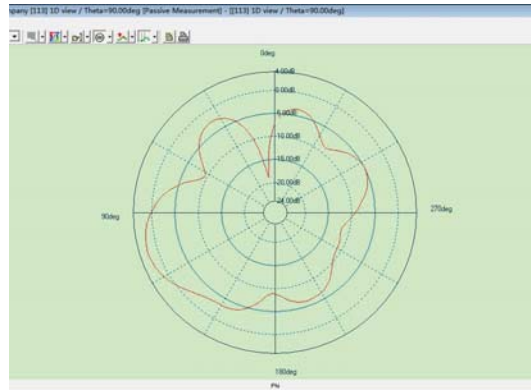
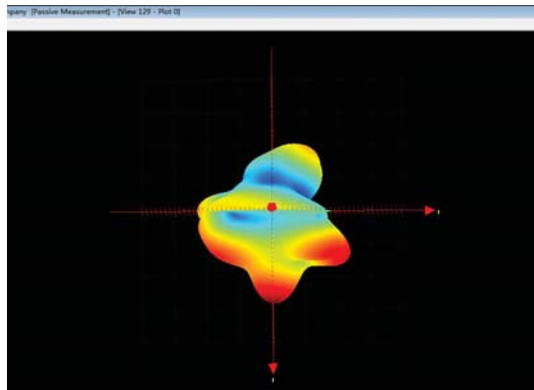
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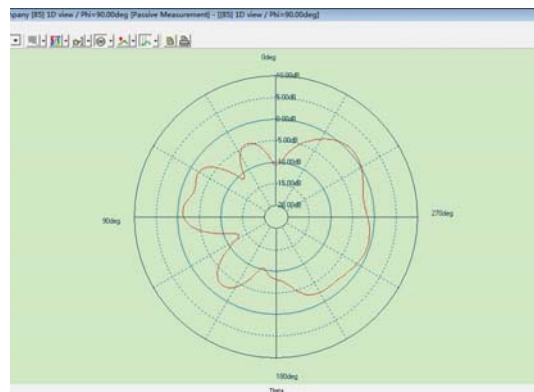
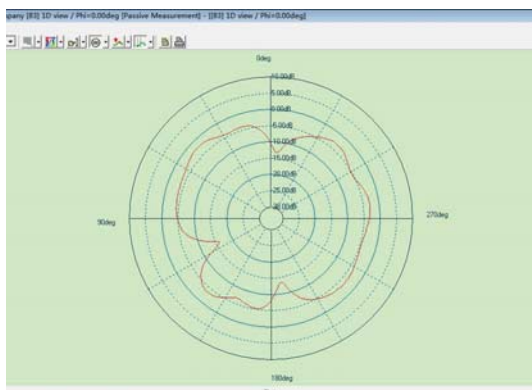
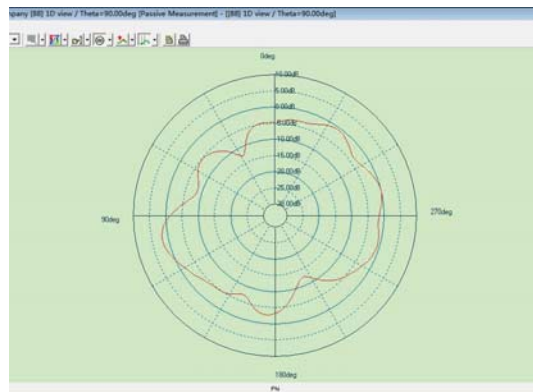
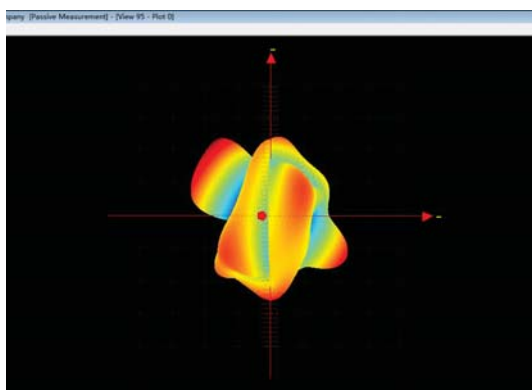
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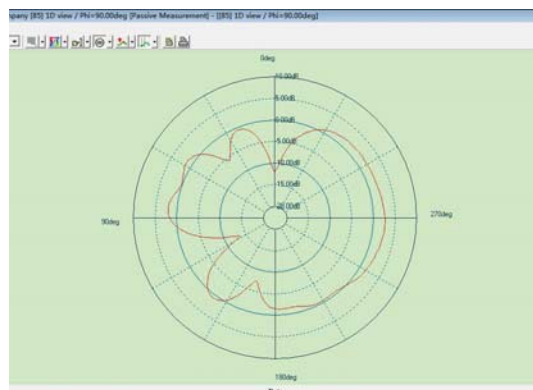
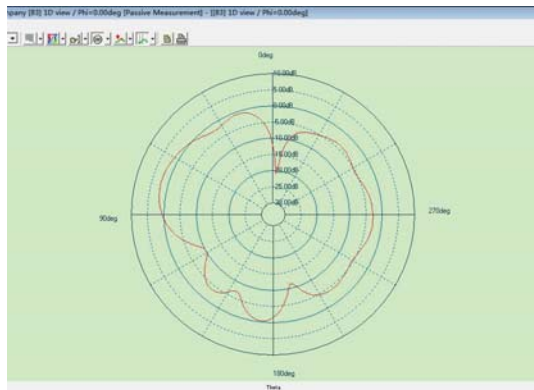
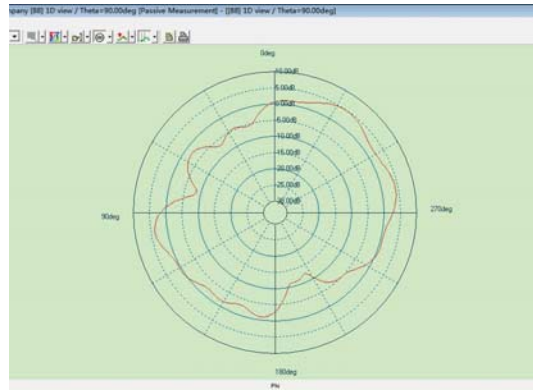
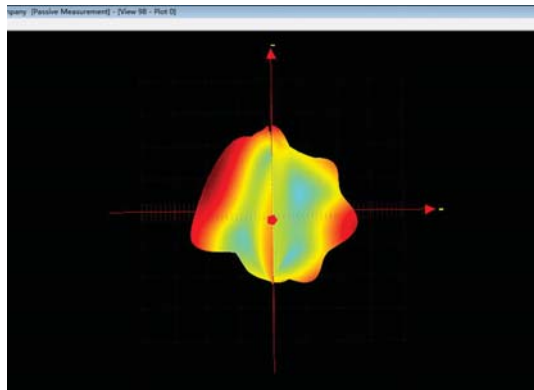
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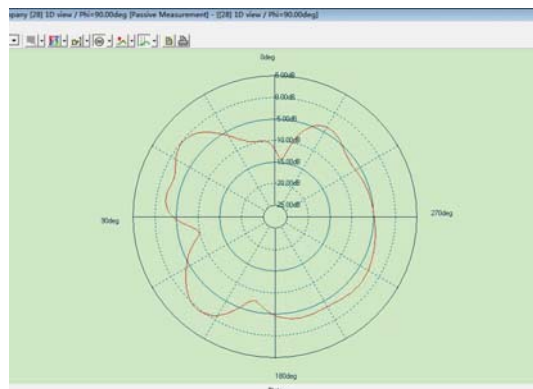
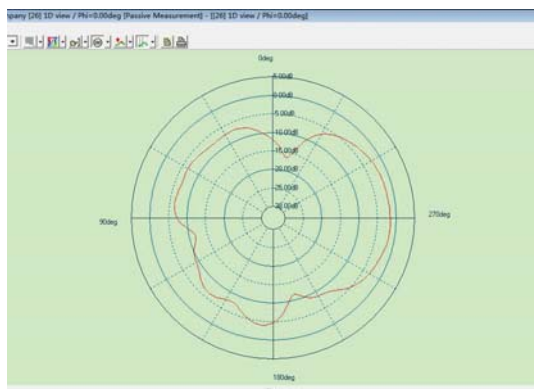
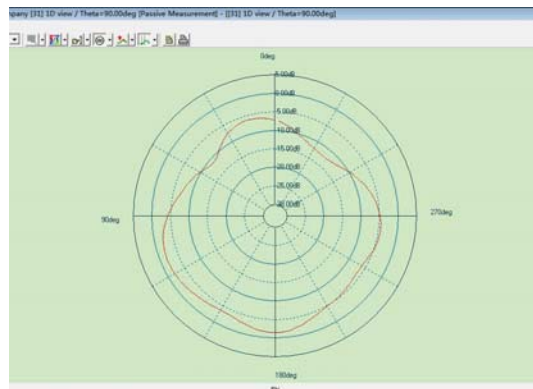
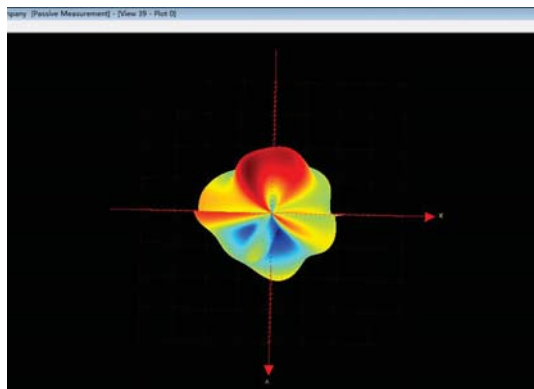
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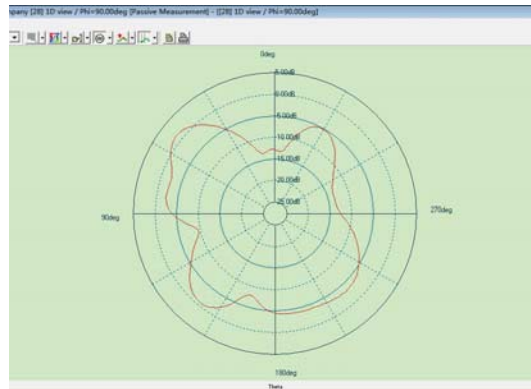
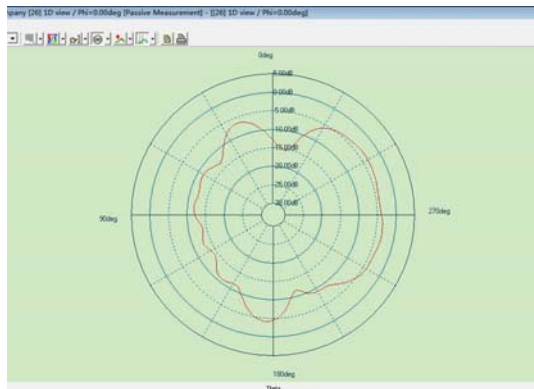
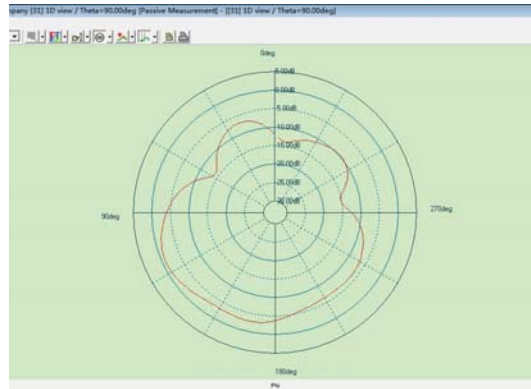
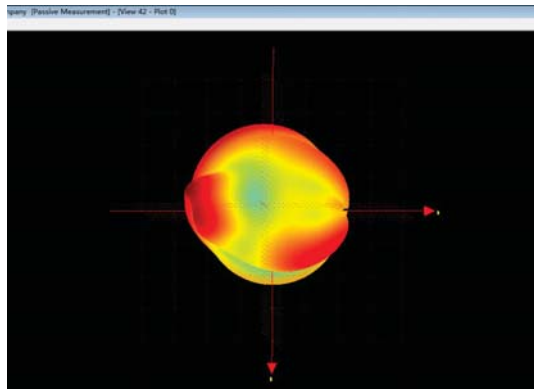
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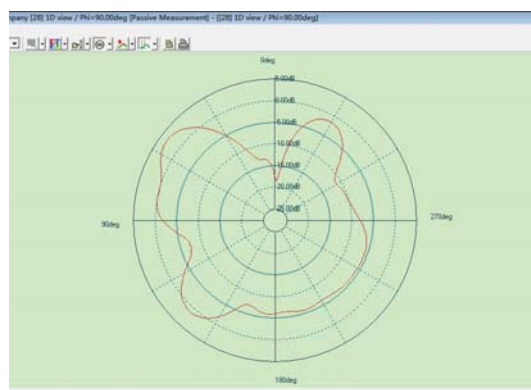
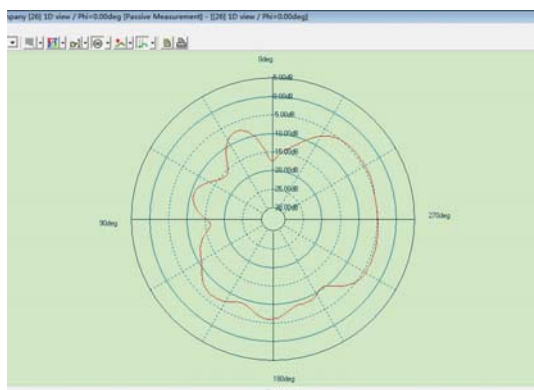
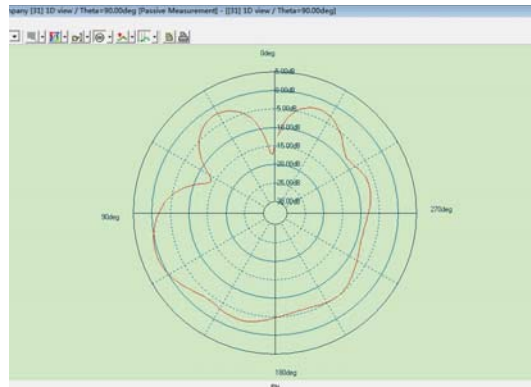
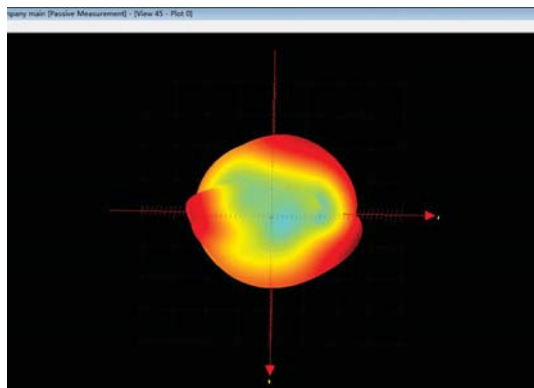
ANT2
1750MHz



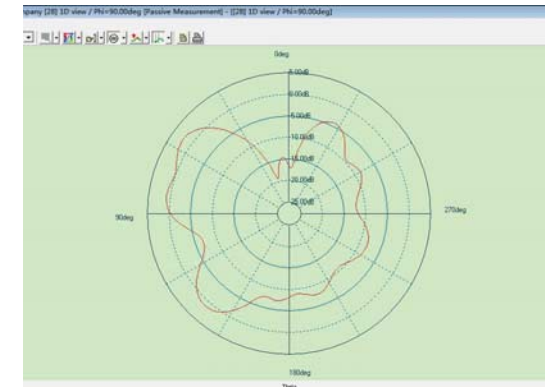
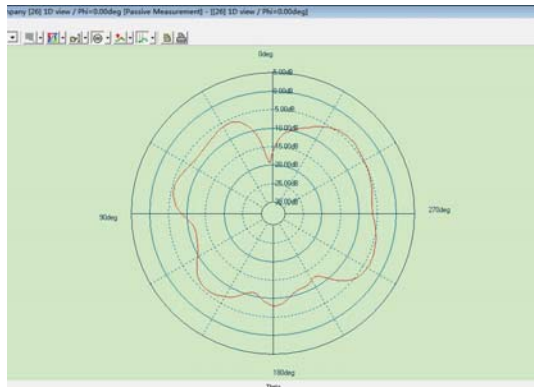
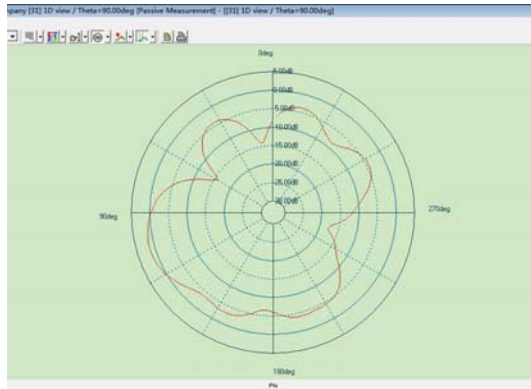
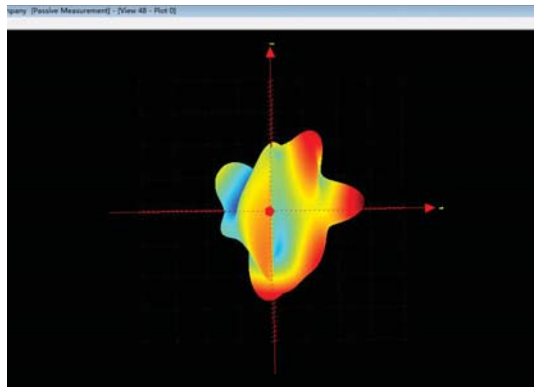
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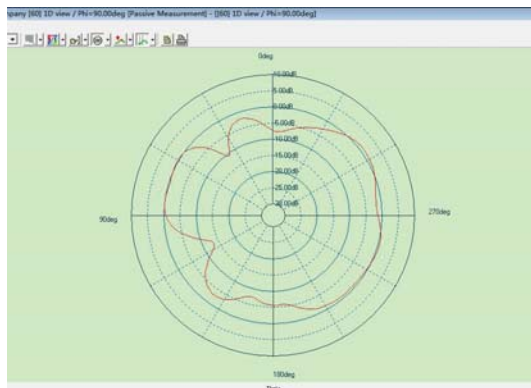
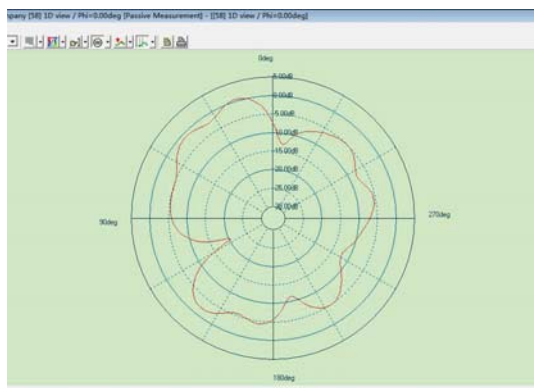
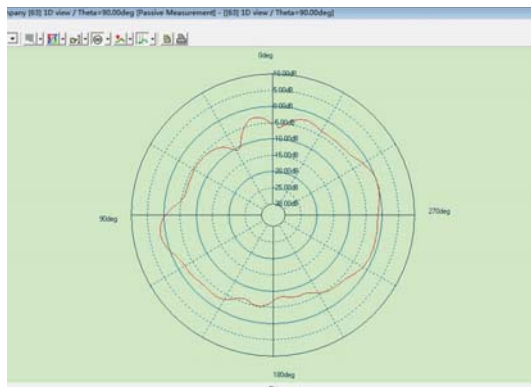
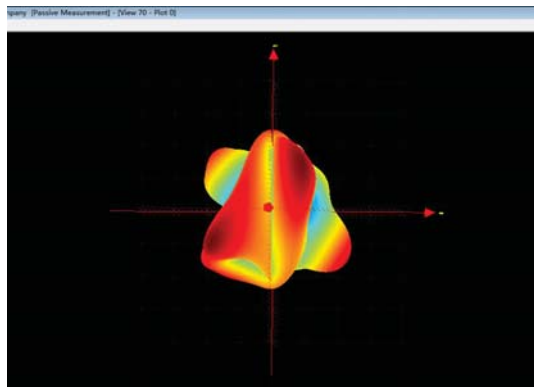
2350MHz



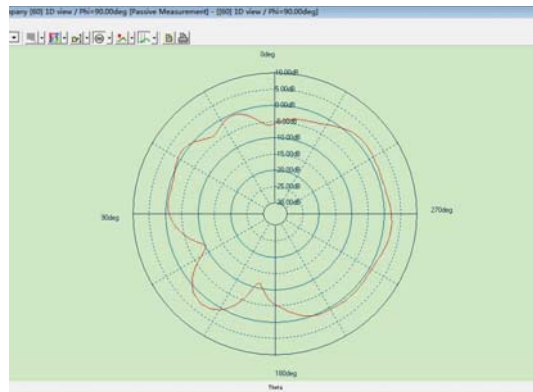
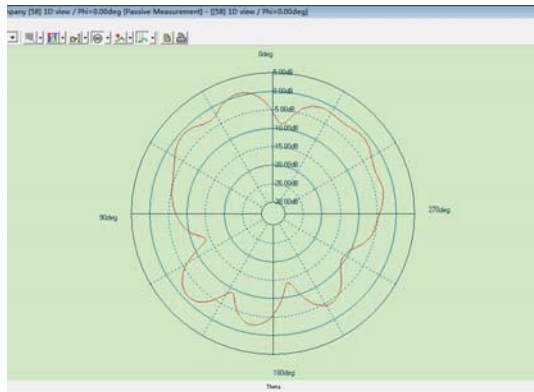
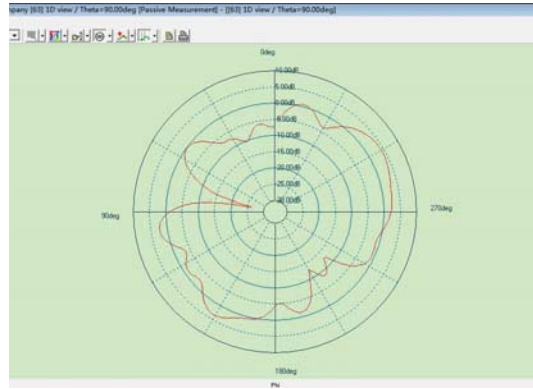
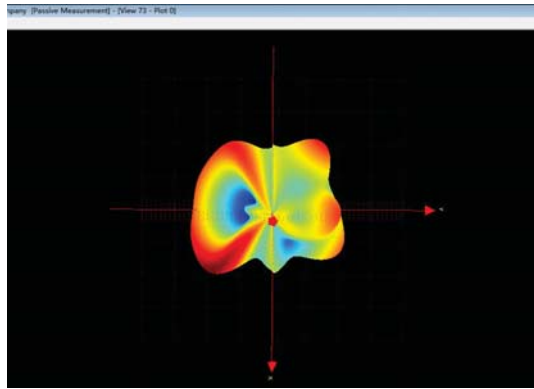
2590MHz



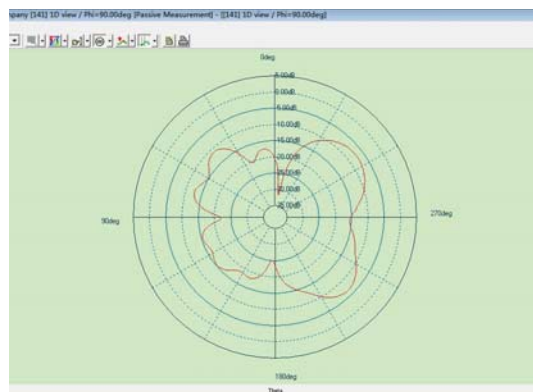
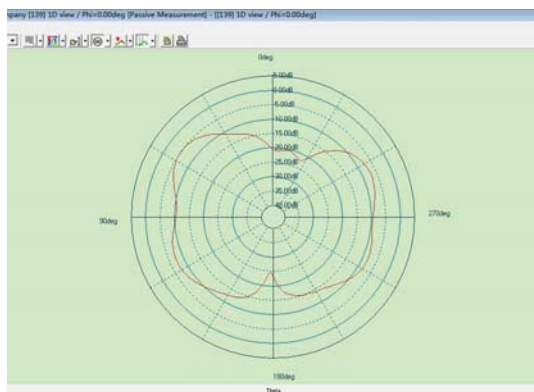
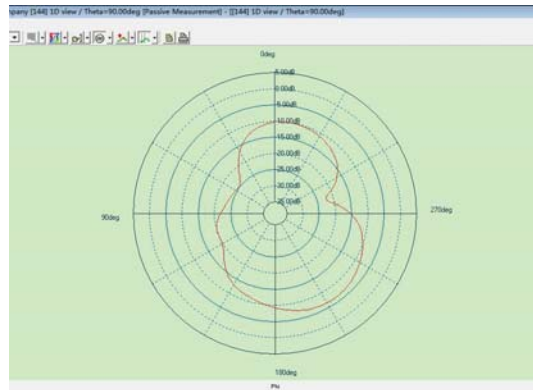
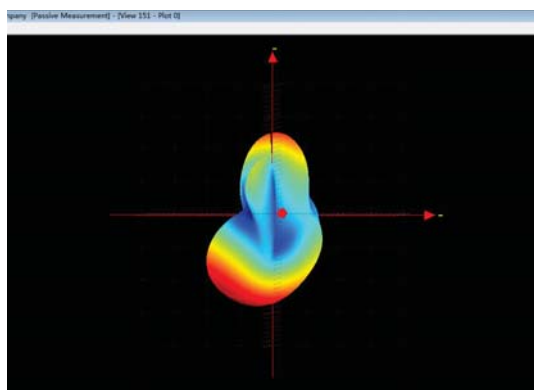
3500MHz



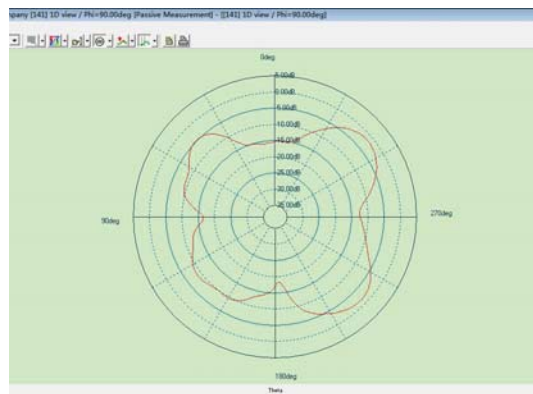
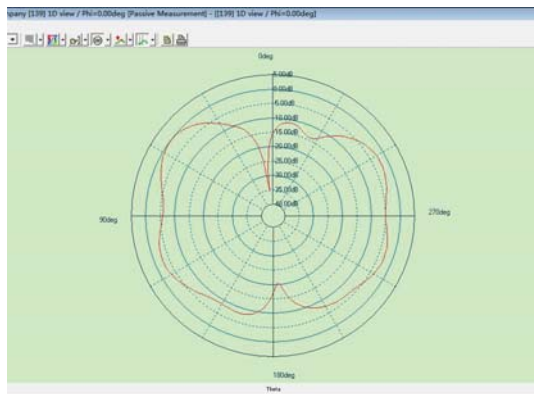
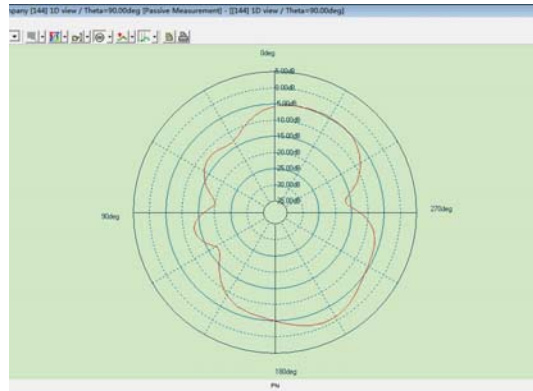
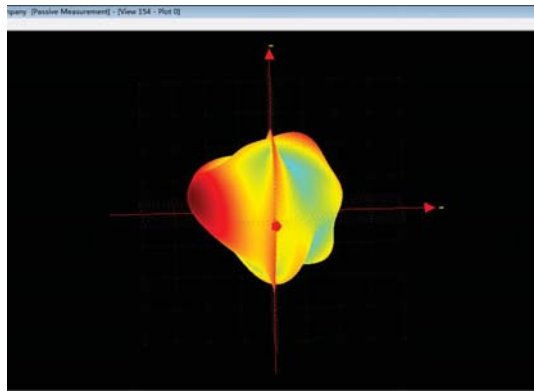
3700MHz



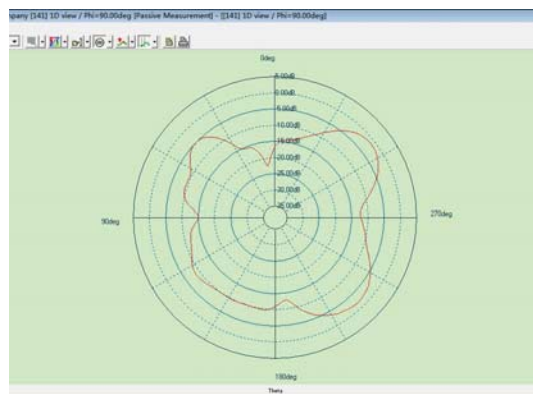
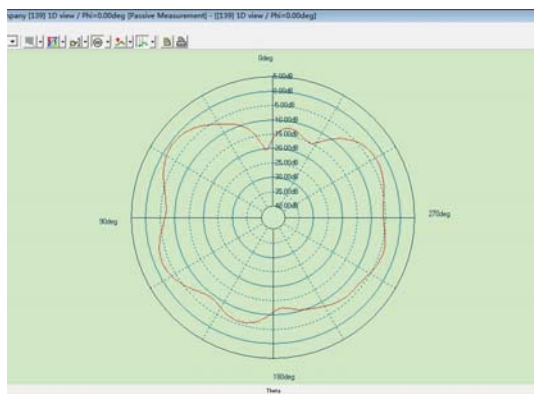
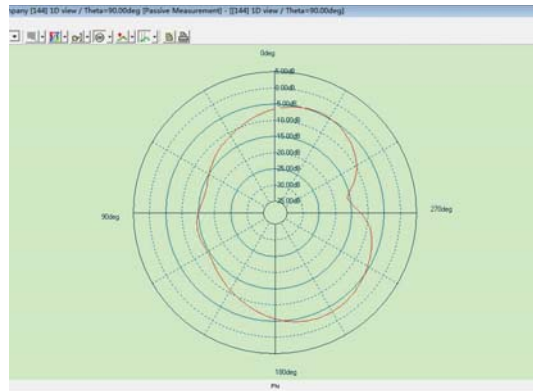
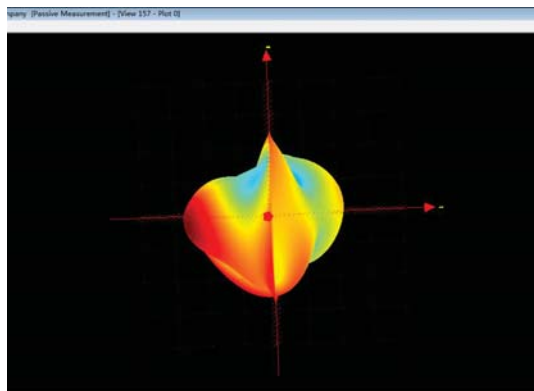
ANT3
740MHz



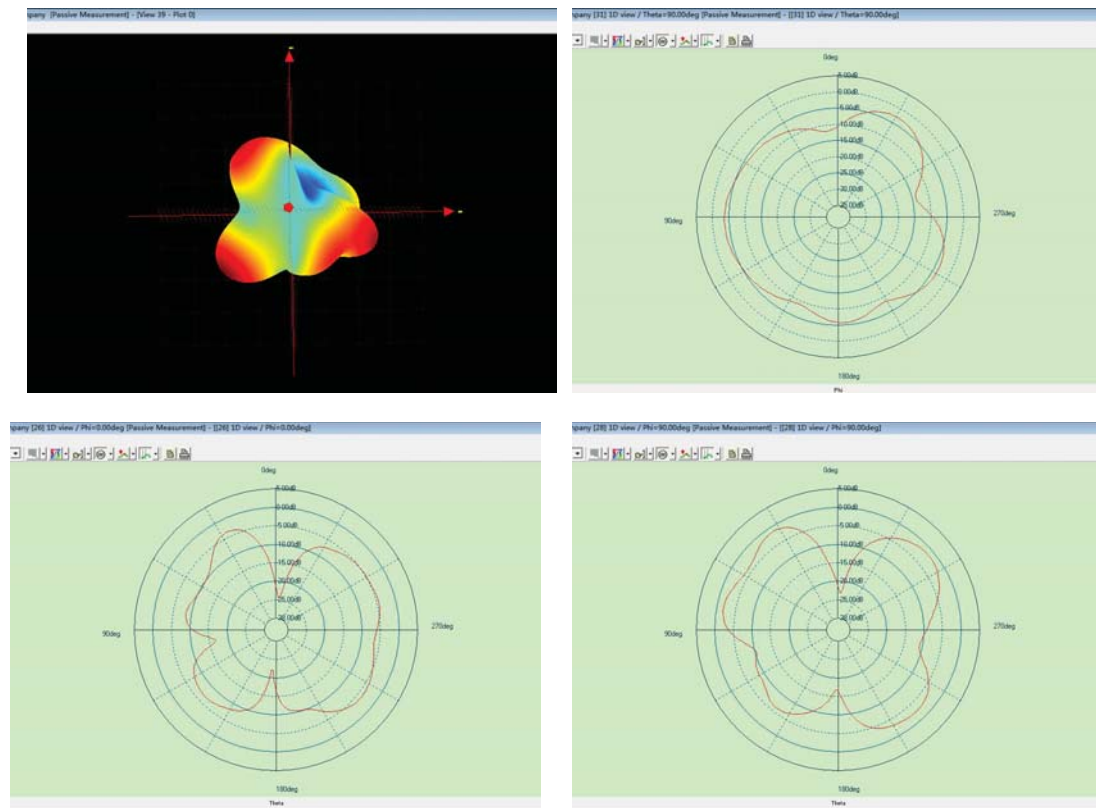
840MHz



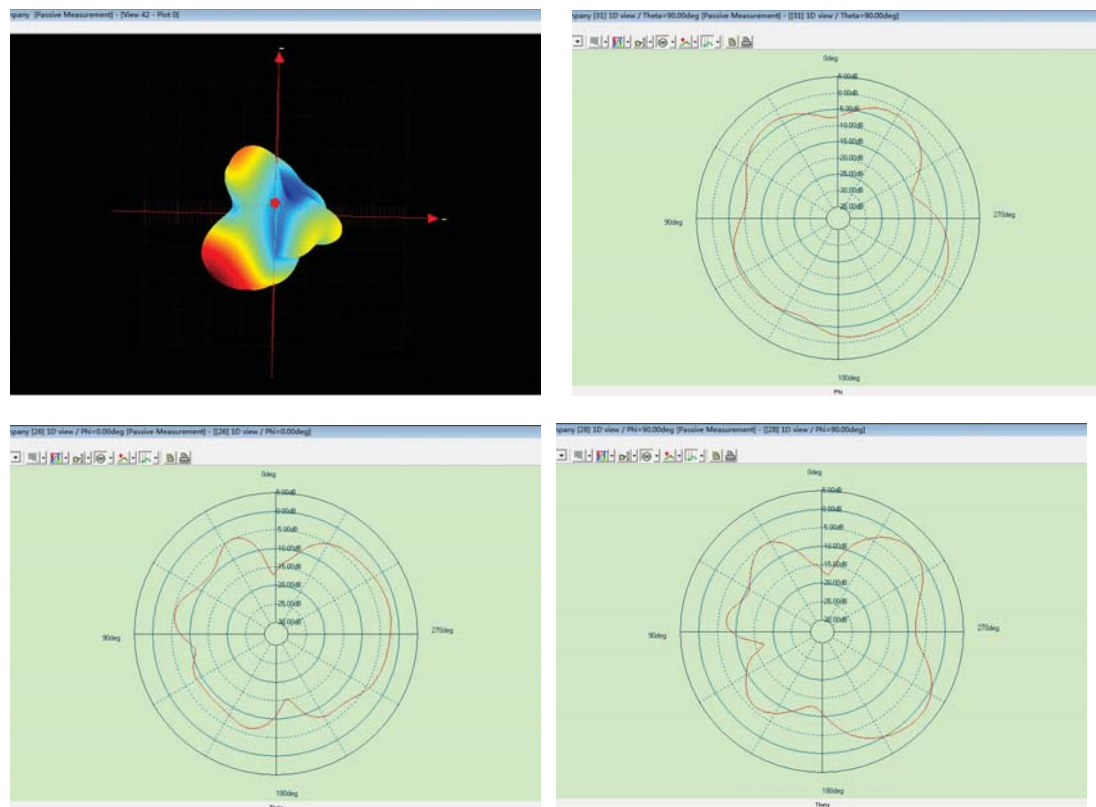
880MHz



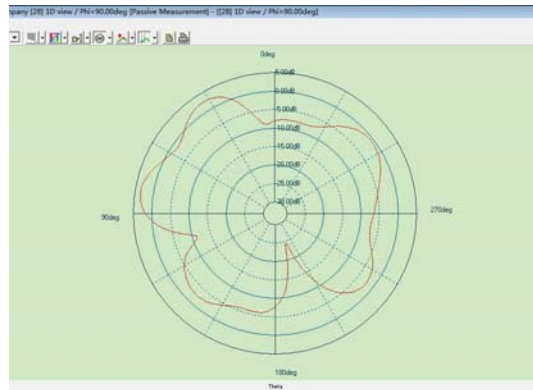
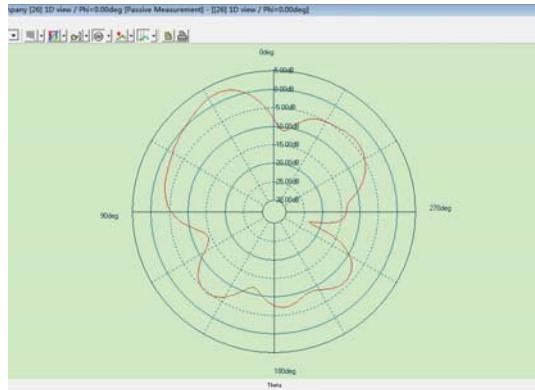
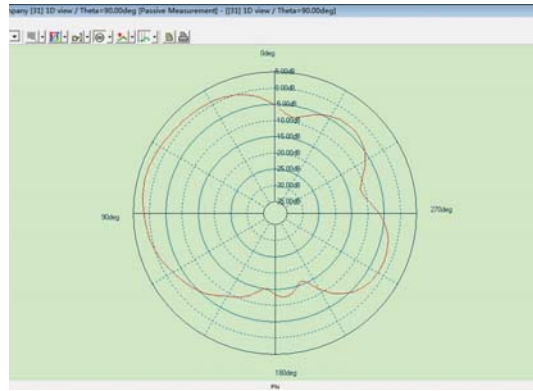
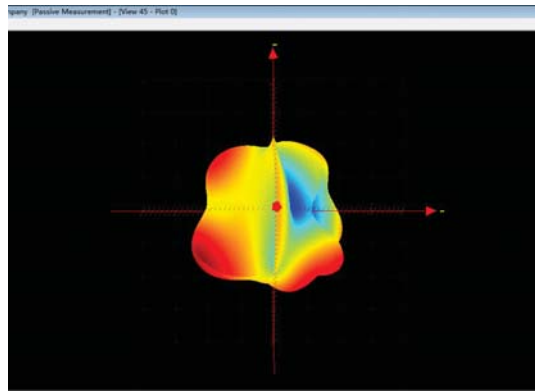
1750MHz



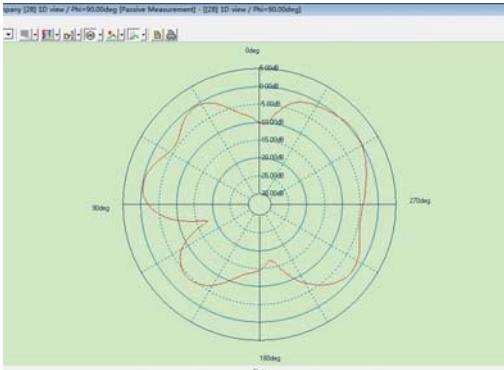
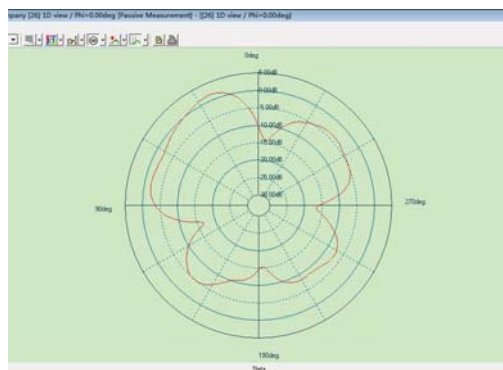
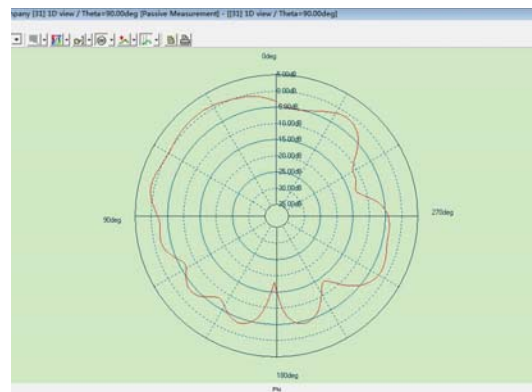
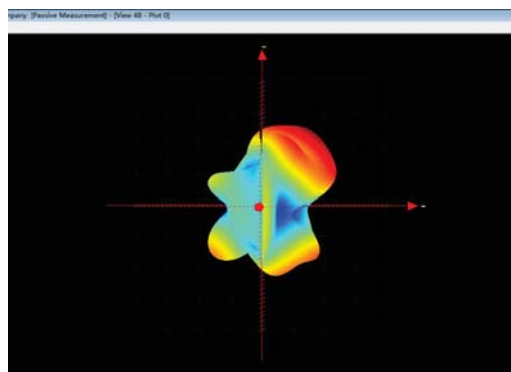
1950MHz



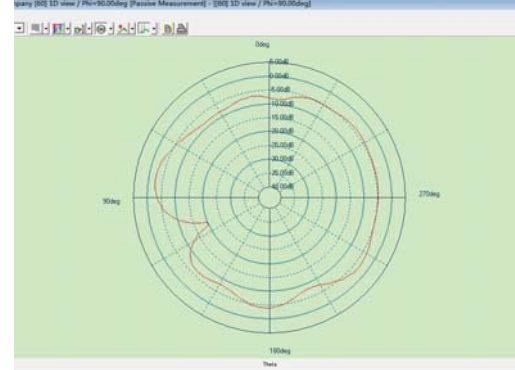
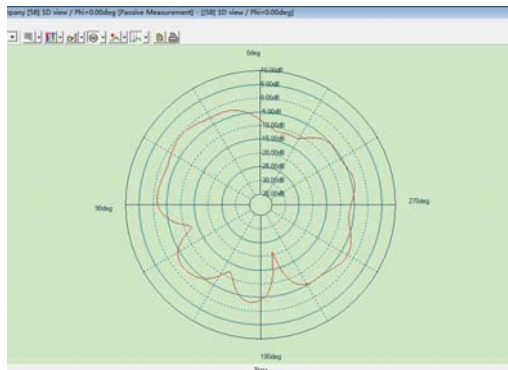
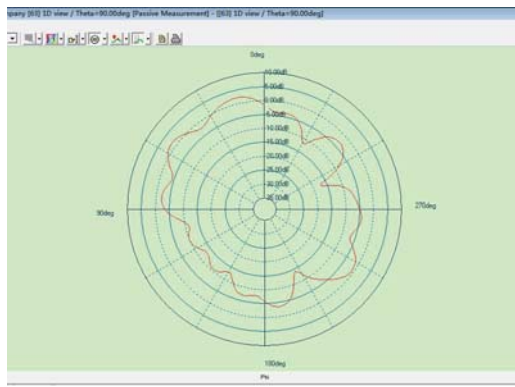
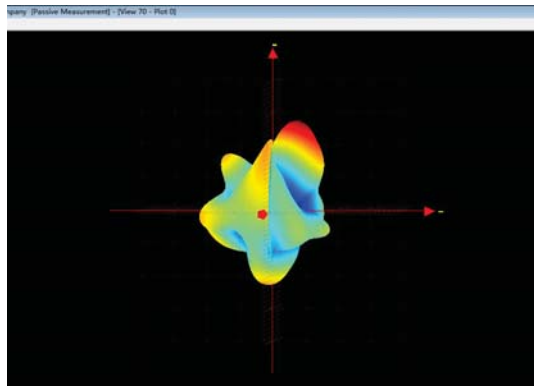
2350MHz



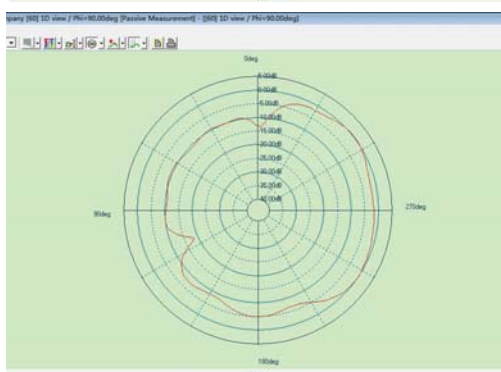
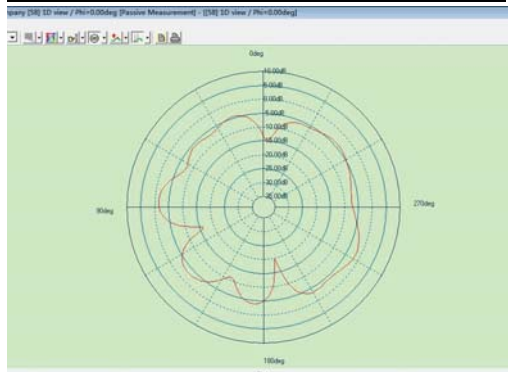
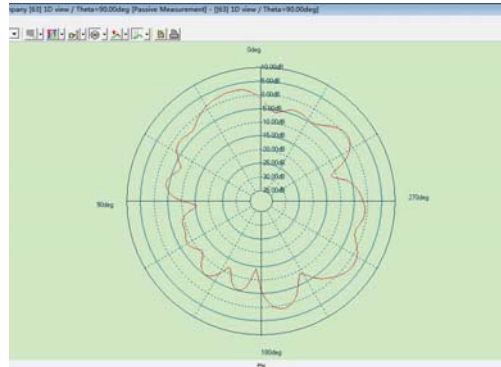
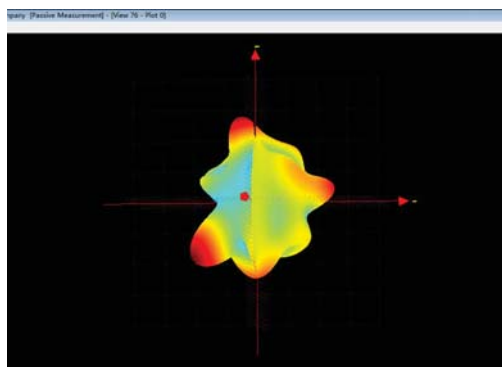
2590MHz



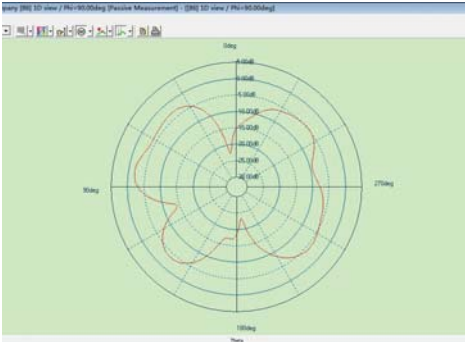
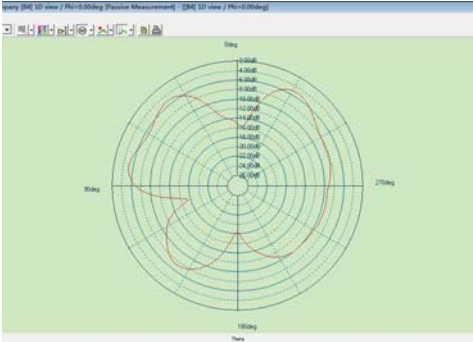
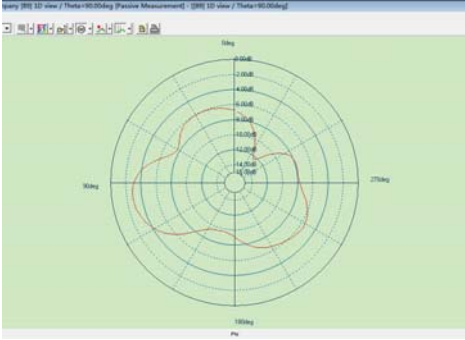
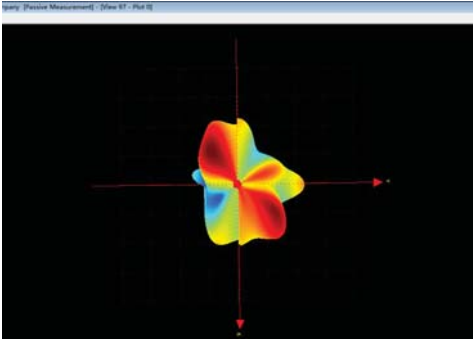
3500MHz



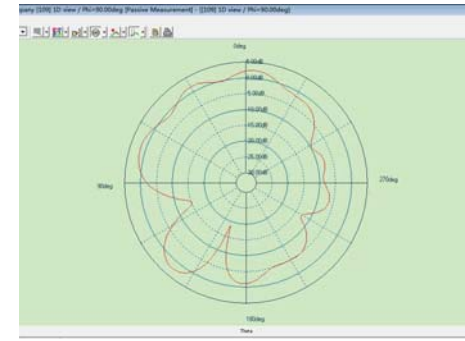
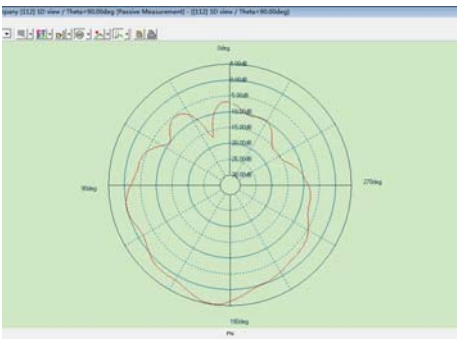
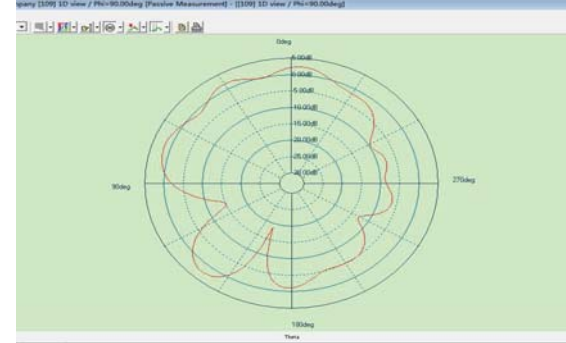
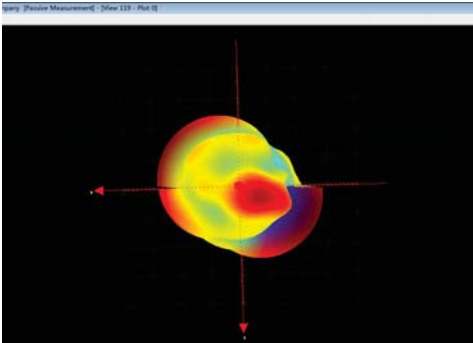
3700MHz



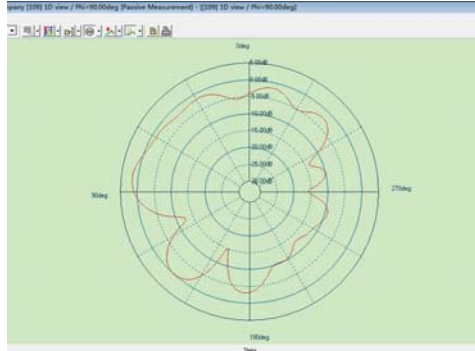
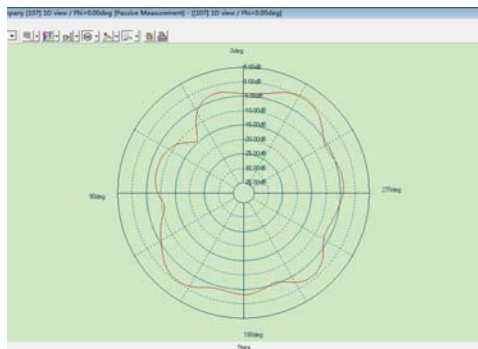
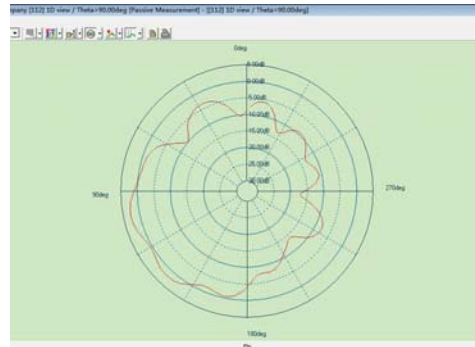
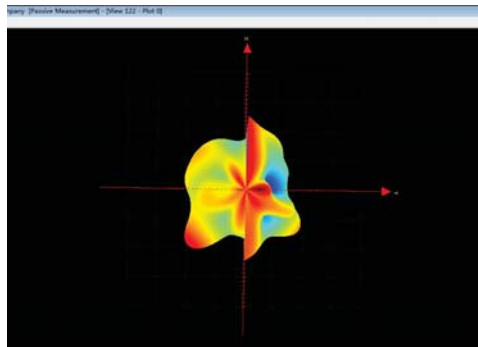
ANT 4
2440MHz



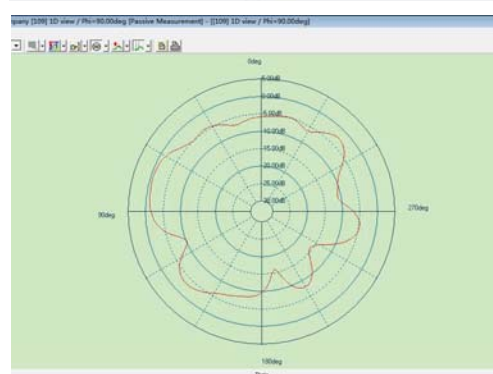
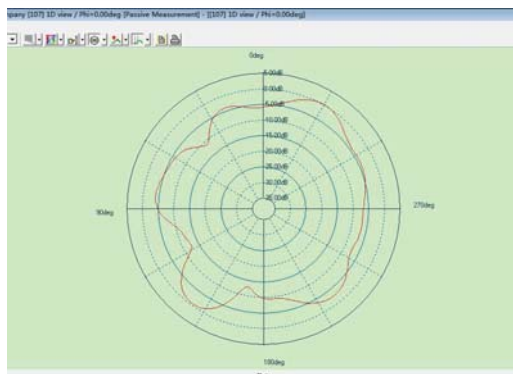
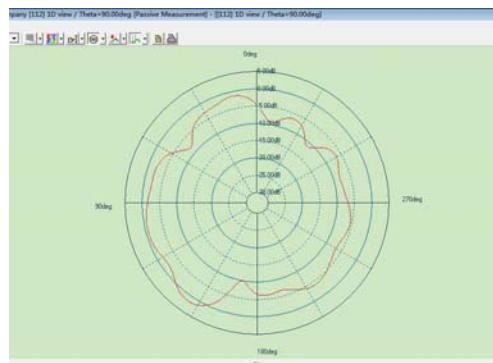
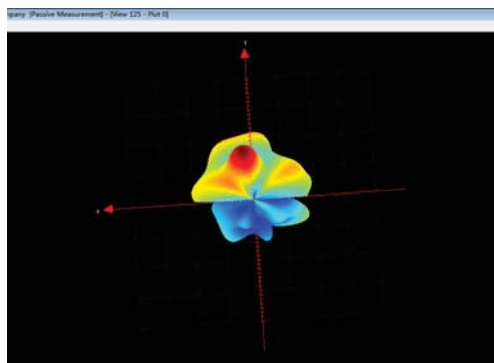
5180MHz



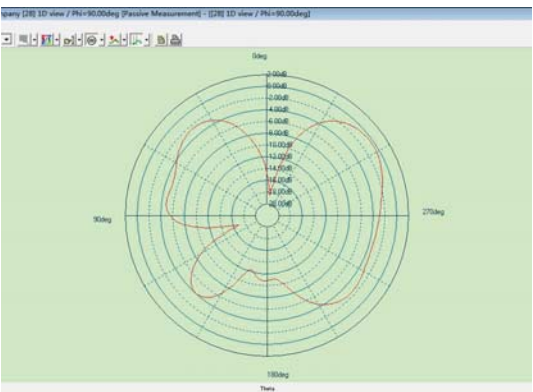
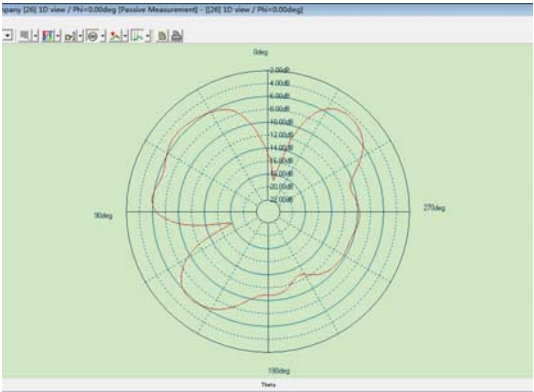
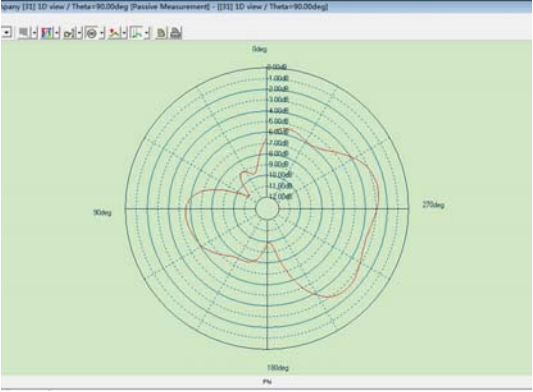
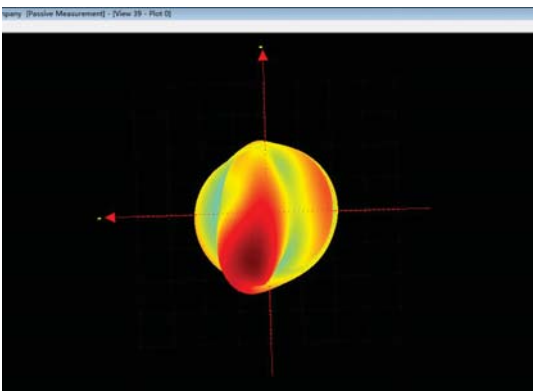
5680MHz



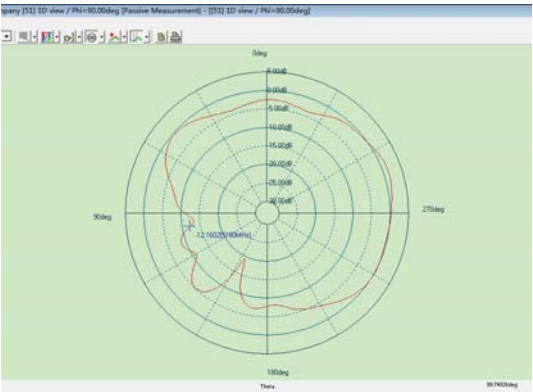
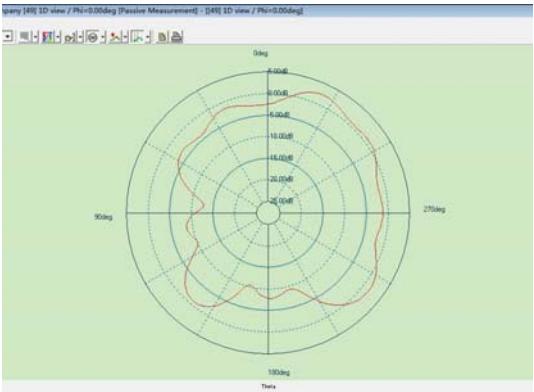
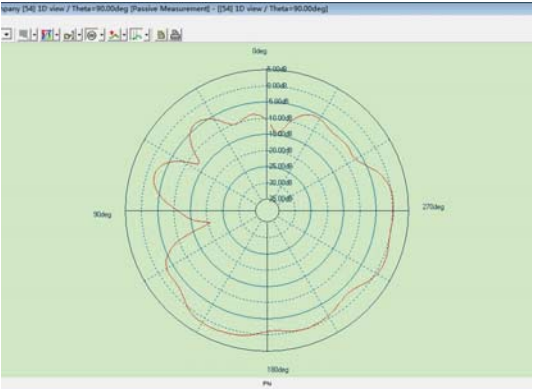
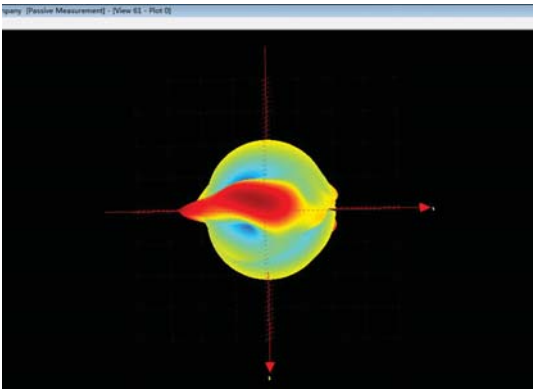
5820MHz



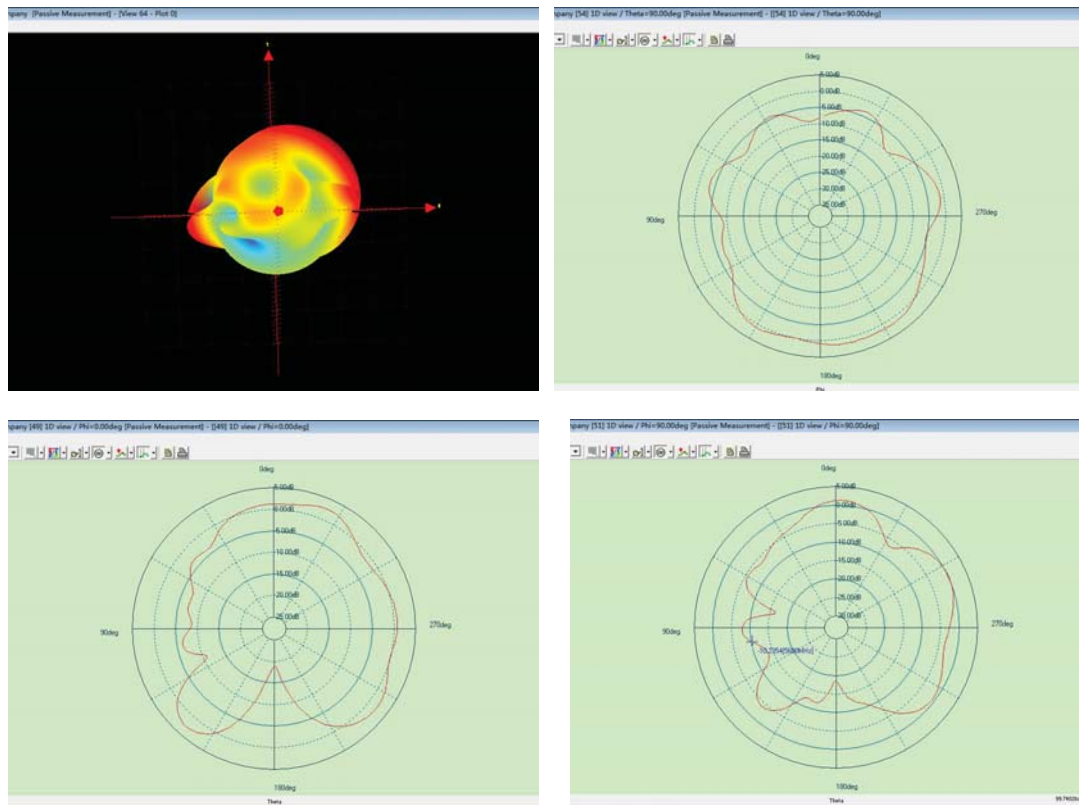
ANT5
2440MHz



5180MHz



5680MHz



5820MHz

