
Antenna Specification

Product Name : Quamtuum Access Q4 Antennas

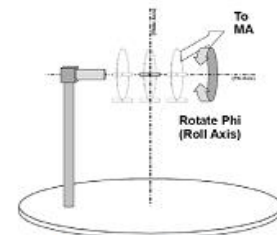
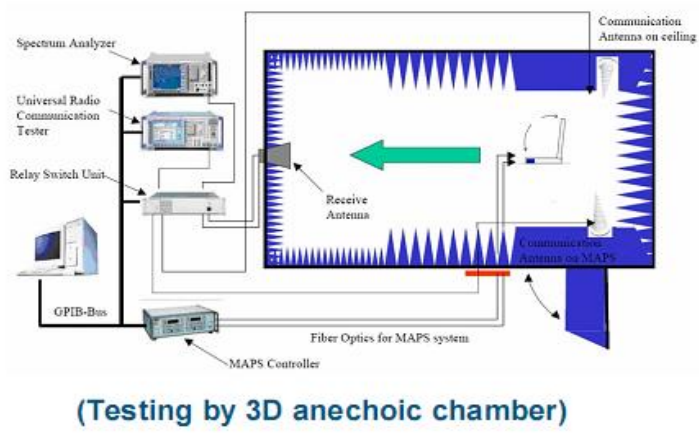
Specifications model : Quamtuum Access Q4 Antennas

Date : 2024.02.29

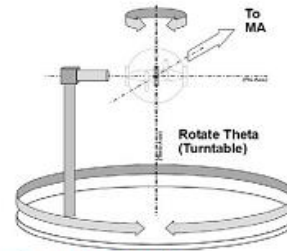
Confirmation of user:

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

Test Equipment

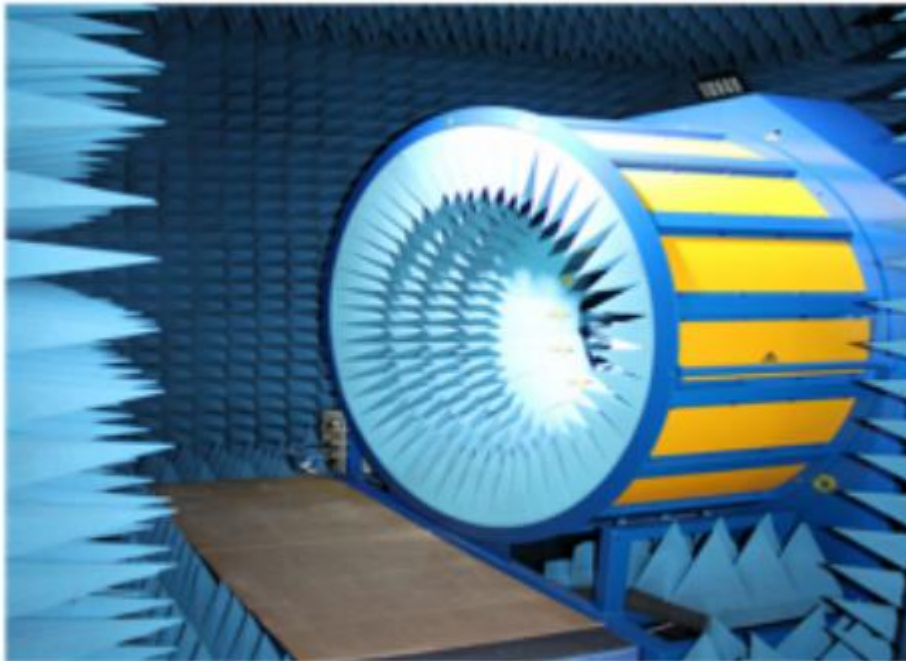


Phi axis test



Theta axis test

Chamber



Satimo

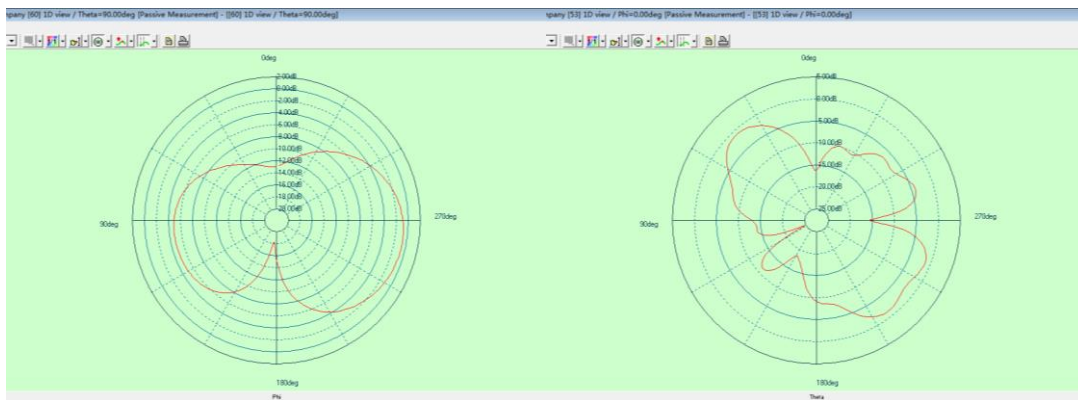
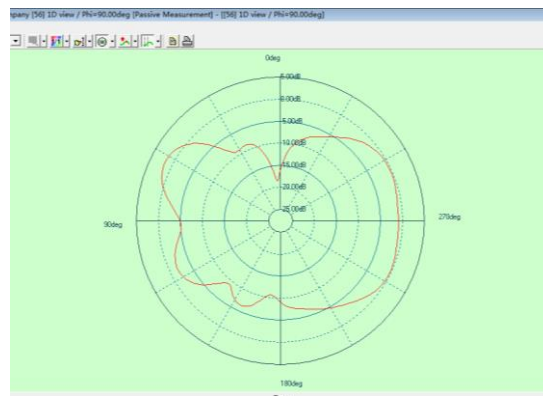
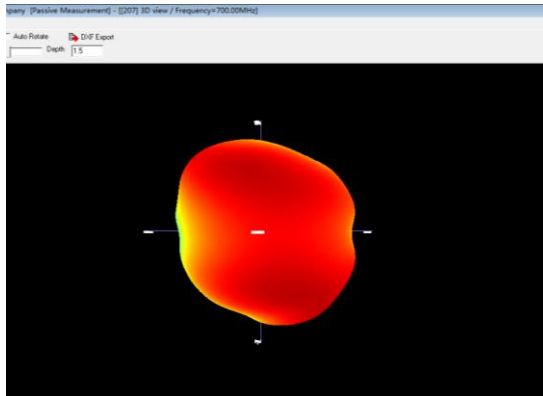
Item	Describe
Input impedance	50 Ω
VSWR	<2.5
Main antenna efficiency	3G WCDMA B2: -1.8dB B5:-1.8dB 4G LTE B2: -1.8dB B4: -1.7dB B5: -1.8dB B7: -1.5dB B28: -2.0dB B66: -1.7dB
Diversity antenna efficiency	3G WCDMA B2: -1.8dB B5:-1.8dB 4G LTE B2: -1.8dB B4: -1.7dB B5: -1.8dB B7: -1.5dB B28: -2.0dB B66: -1.7dB
WiFi antenna efficiency	2.4G: -1.5dB
Main antenna Gain	3G WCDMA B2:5.1dBi B5:2.4dBi 4G LTE B2: 5.1dBi B4: 3.4dBi B5: 2.4dBi B7: 6.3dBi B28: 1.8dBi B66: 3.4dBi
Diversity antenna Gain	3G WCDMA B2:5.1dBi B5:2.4dBi 4G LTE B2: 5.1dBi B4: 3.4dBi B5: 2.4dBi B7: 6.3dBi B28: 1.8dBi B66: 3.4dBi
WiFi antenna 0 Gain	2.4G: 6.1dBi

WiFi antenna 1 Gain	2.4G: 6.1dBi
Polarization	Linear Polarization

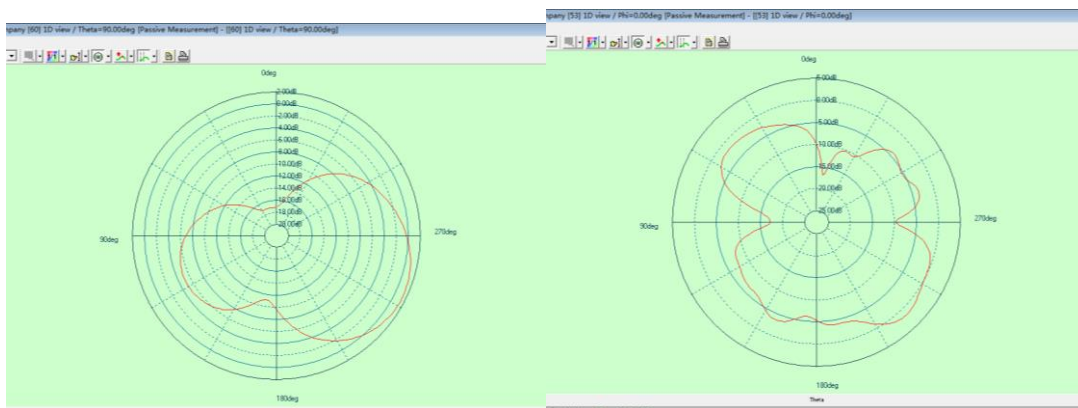
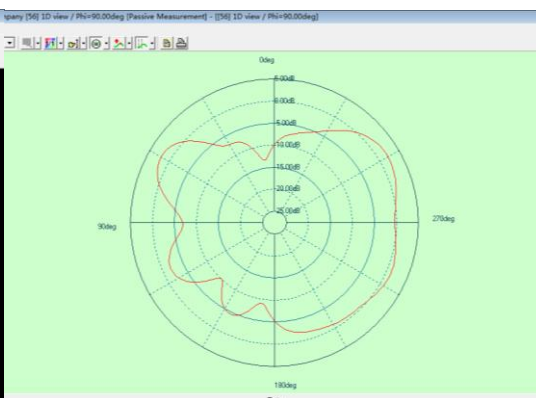
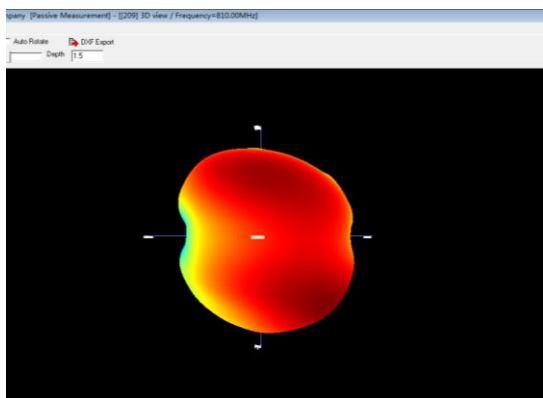
Antenna Shape	Frequency/Type
 196.85mm*13.01mm	700-960MHz 1710-2690MHz External antenna
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	196.85mm*13.01mm	2400-2500MHz External antenna
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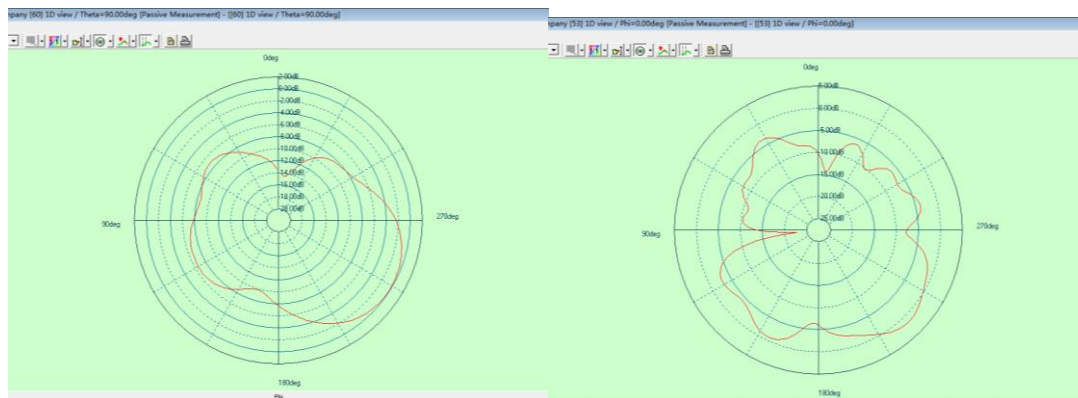
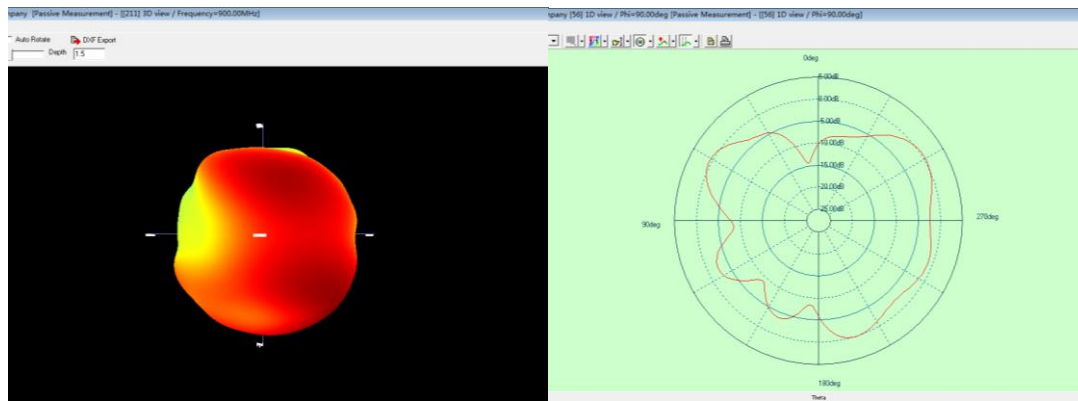
Main Antenna 700MHz



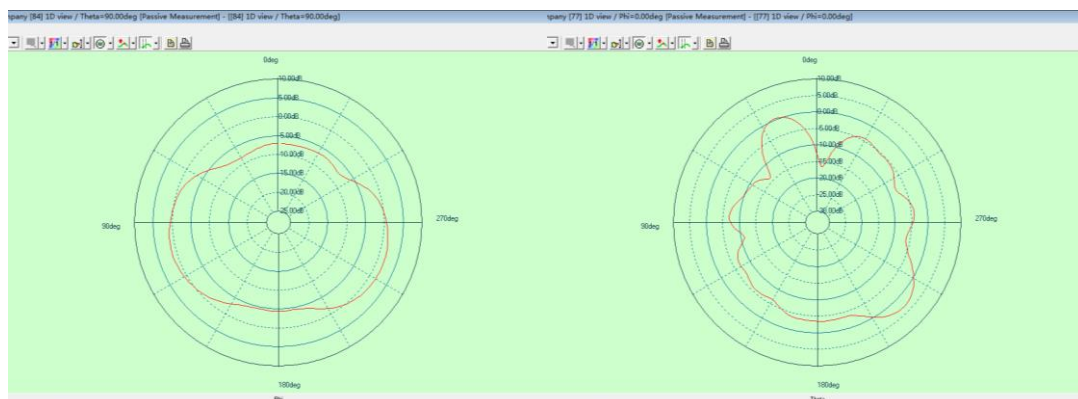
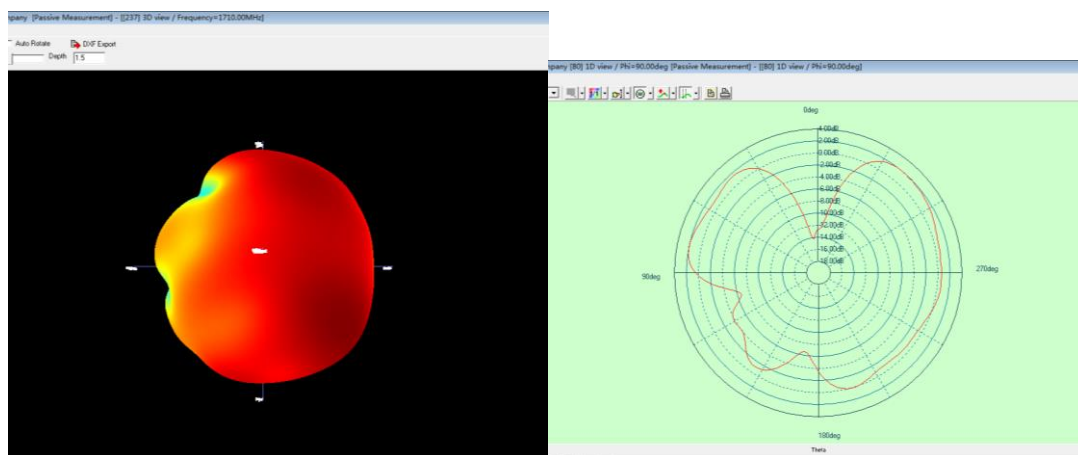
800MHz



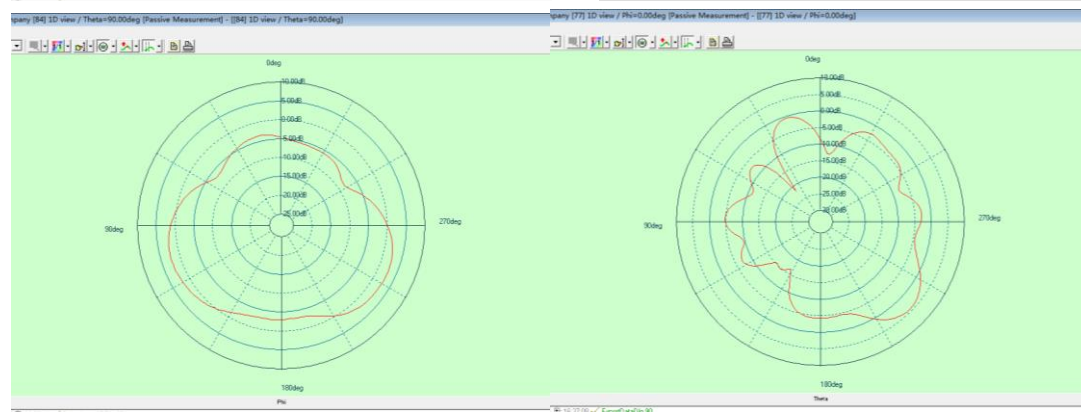
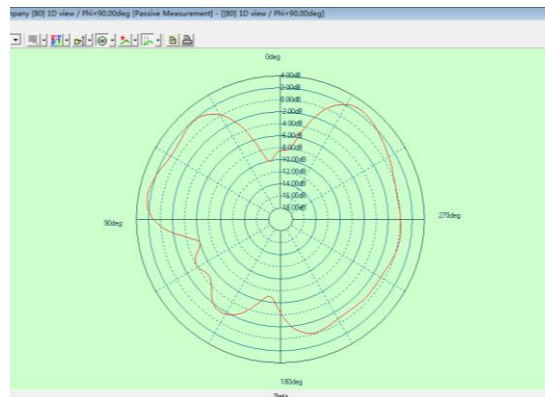
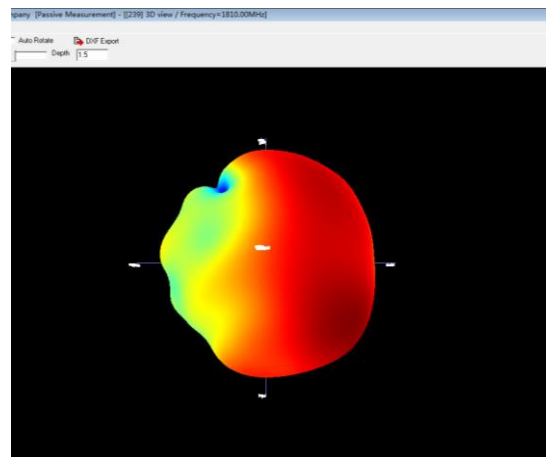
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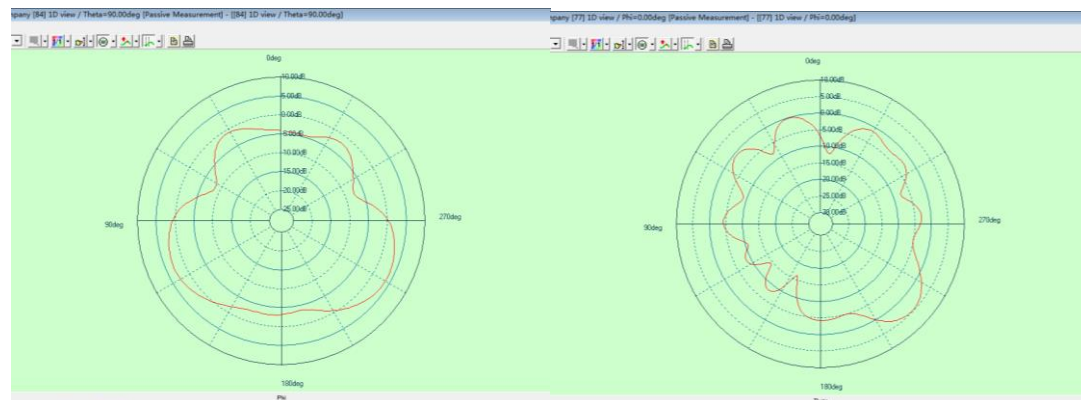
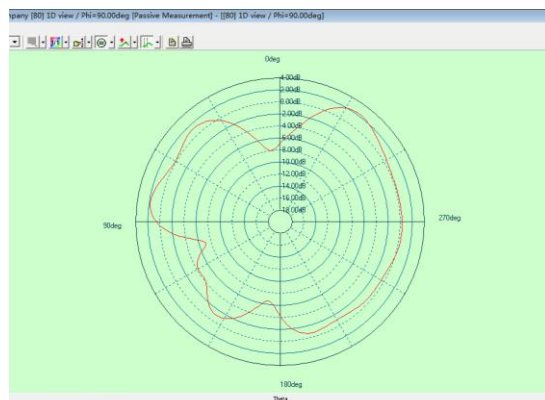
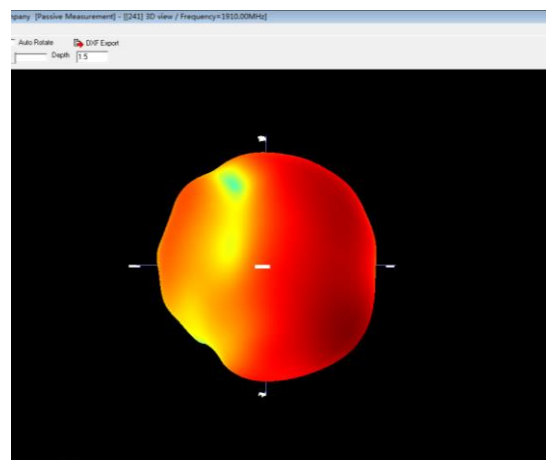
1710MHz



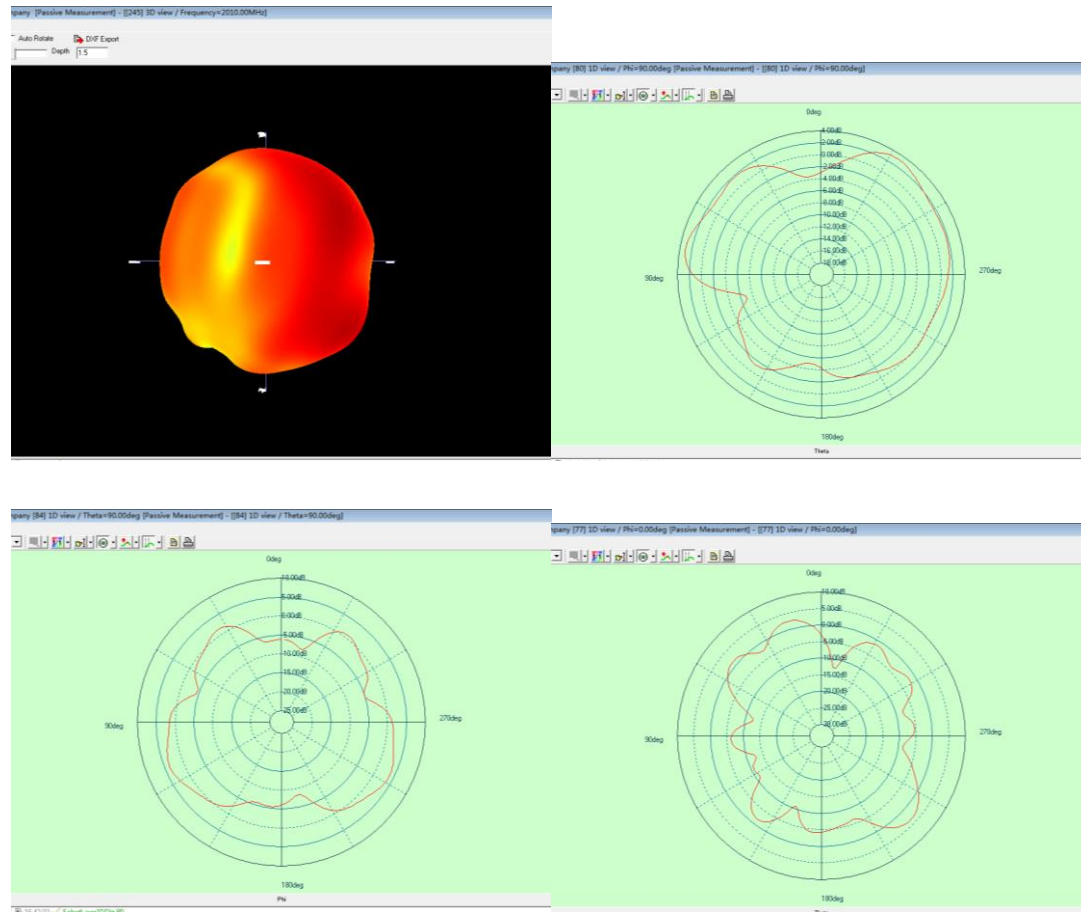
1810MHz



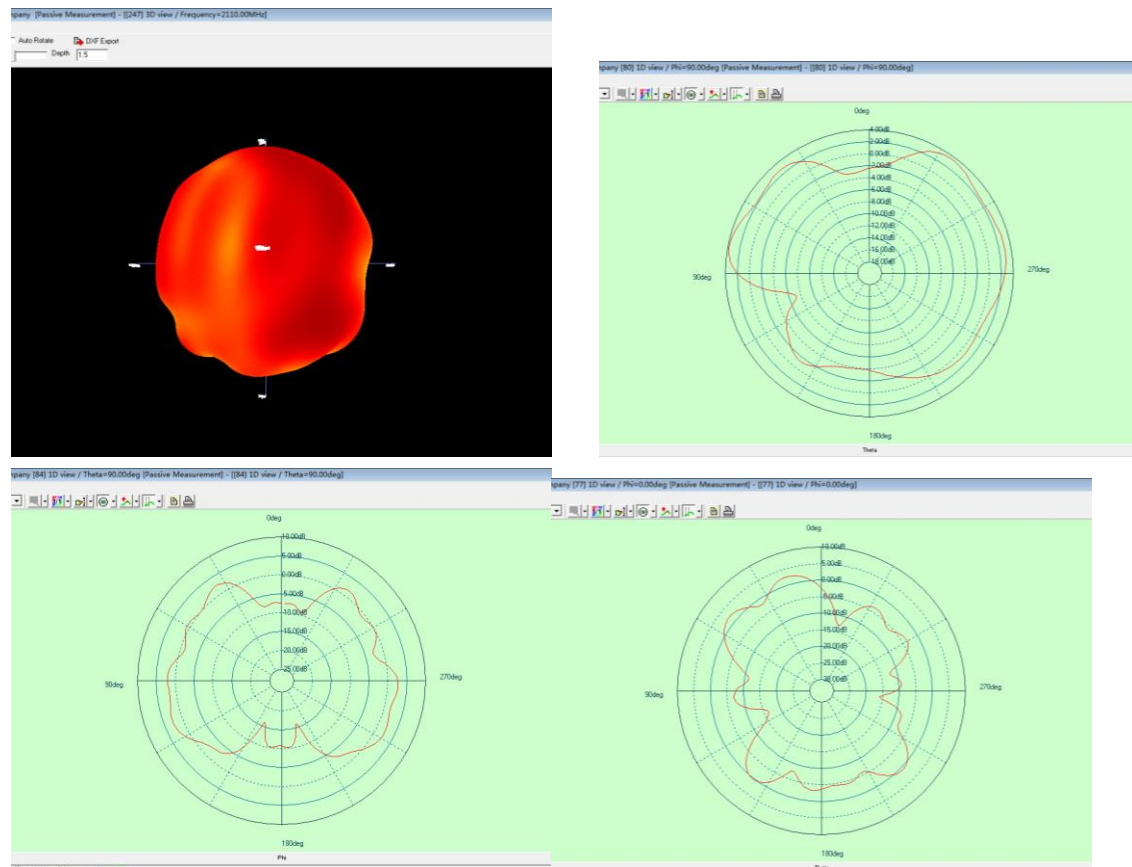
1910MHz



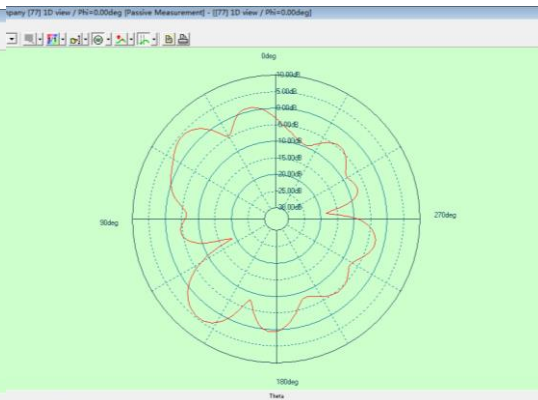
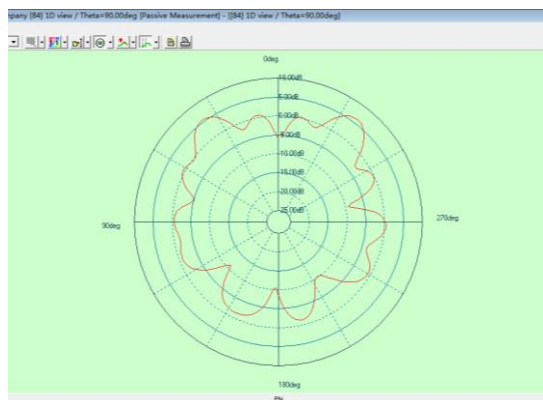
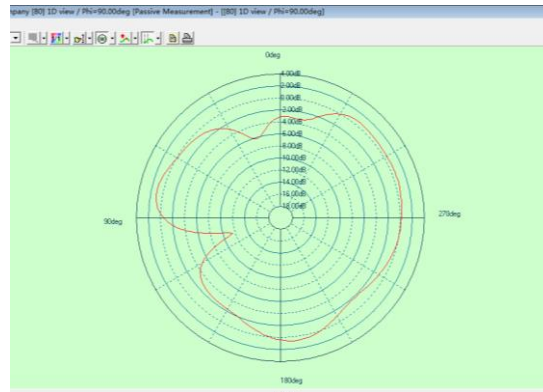
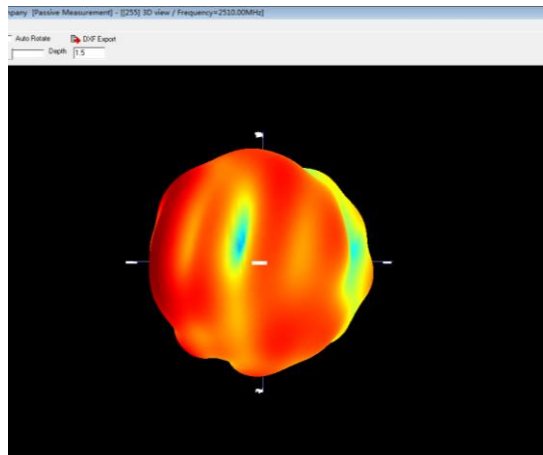
2010MHz



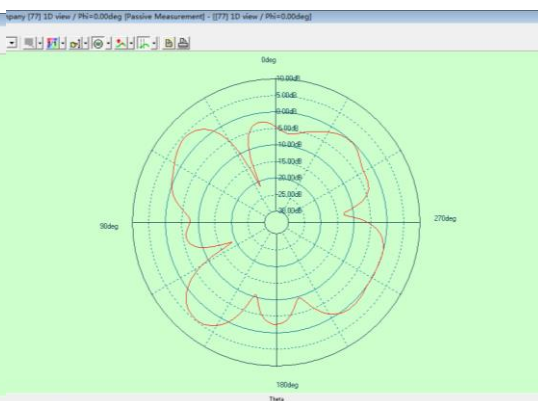
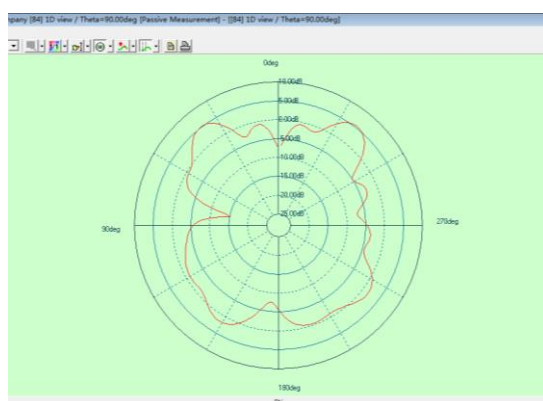
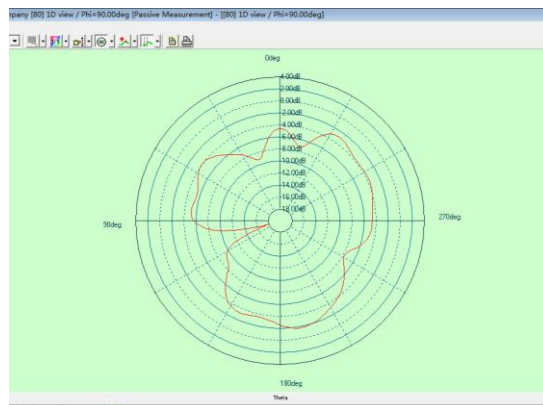
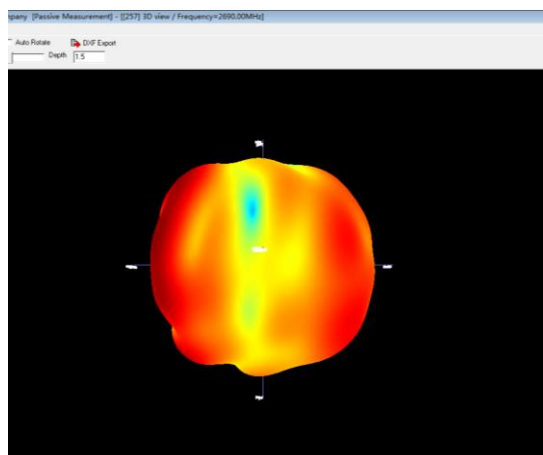
2110MHz



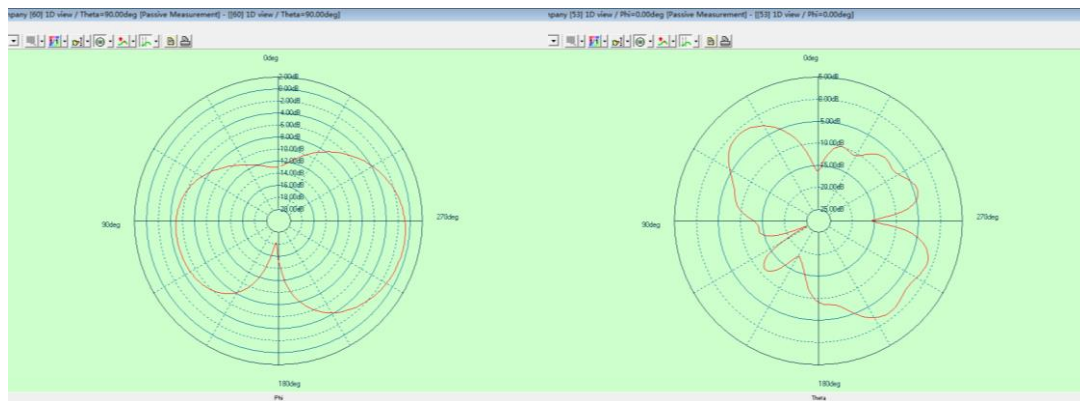
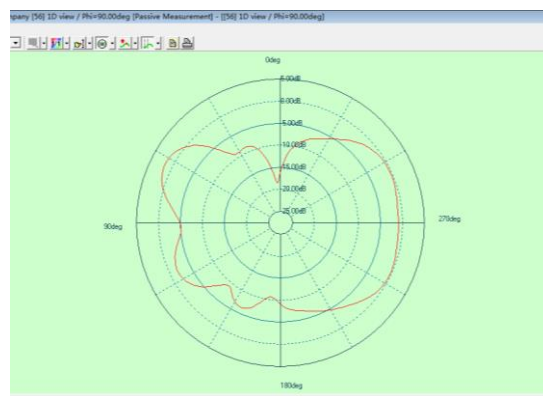
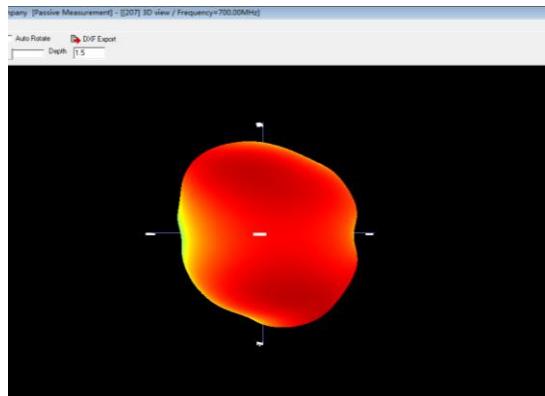
2510MHz



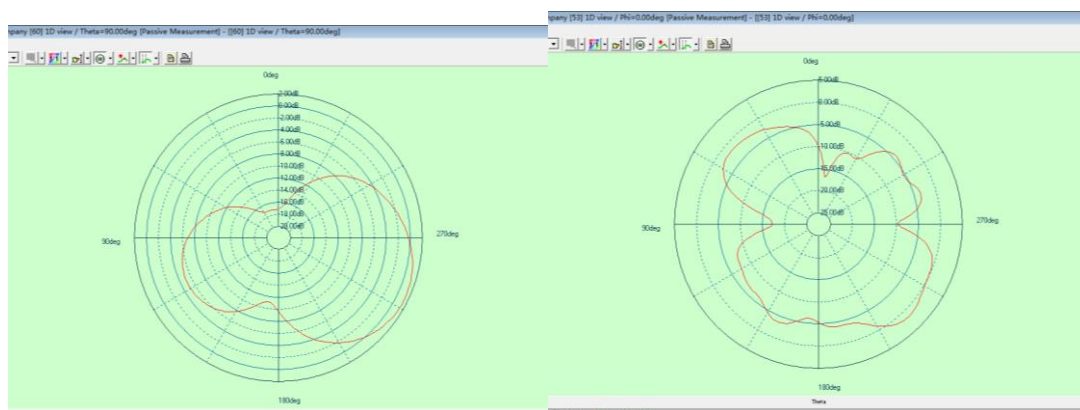
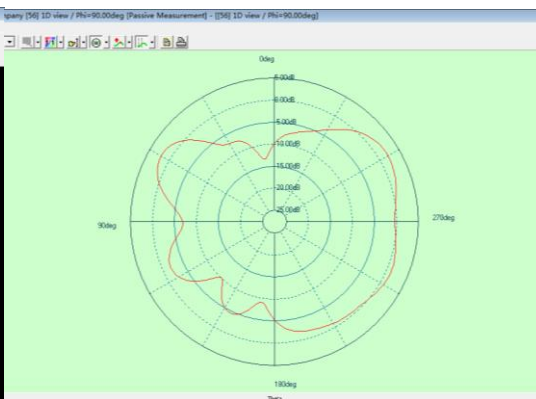
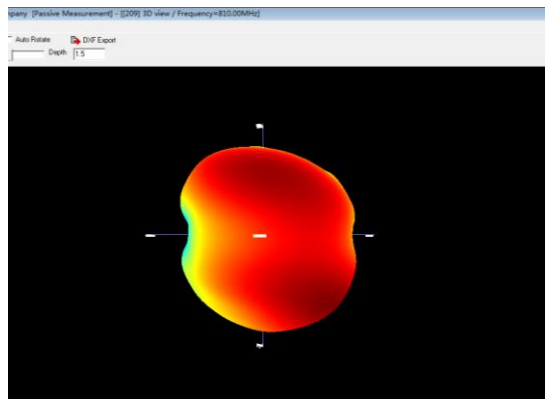
2690MHz



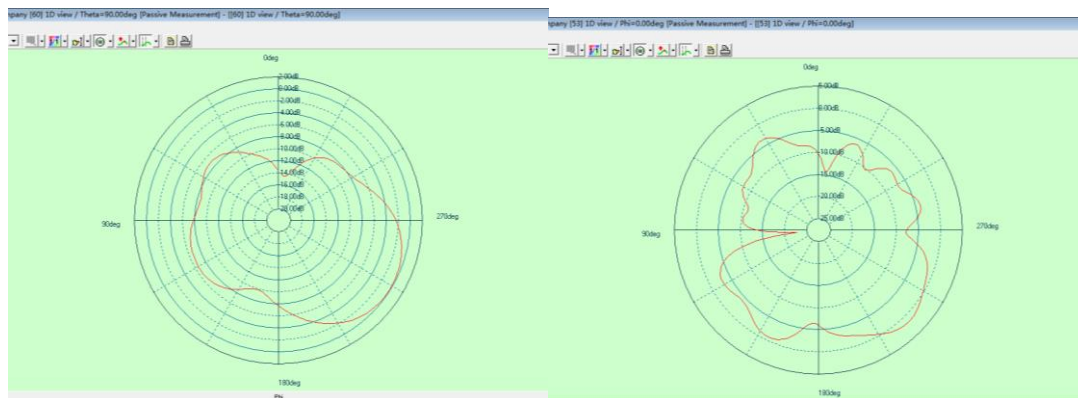
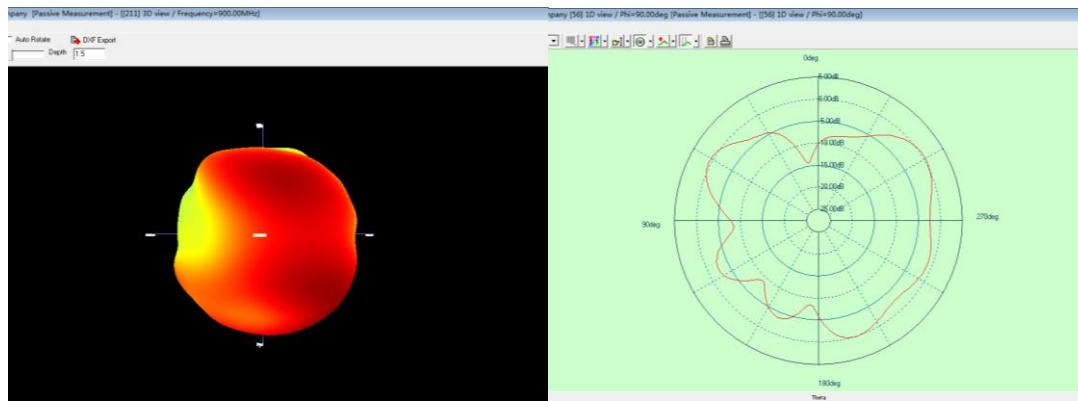
Diversity Antenna 700MHz



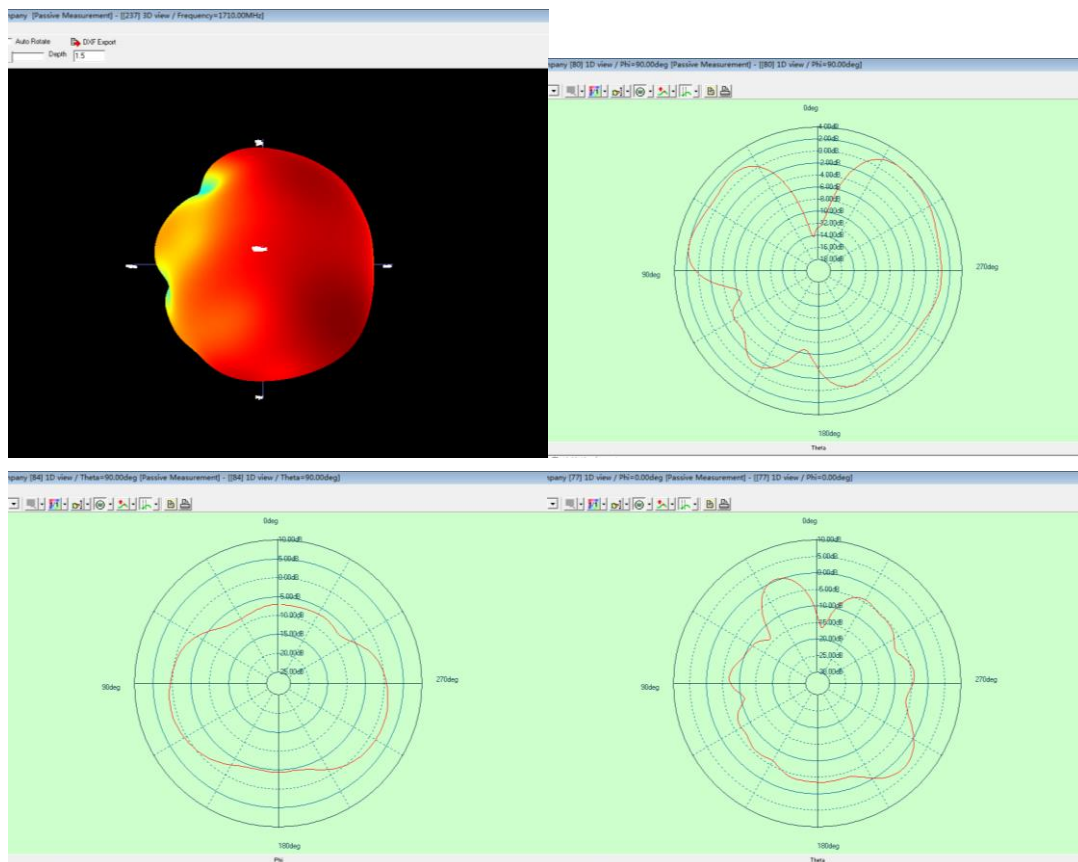
800MHz



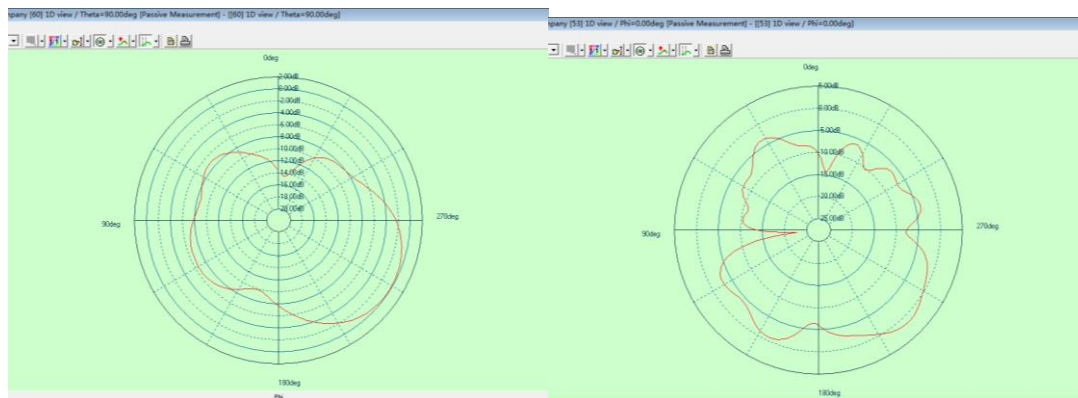
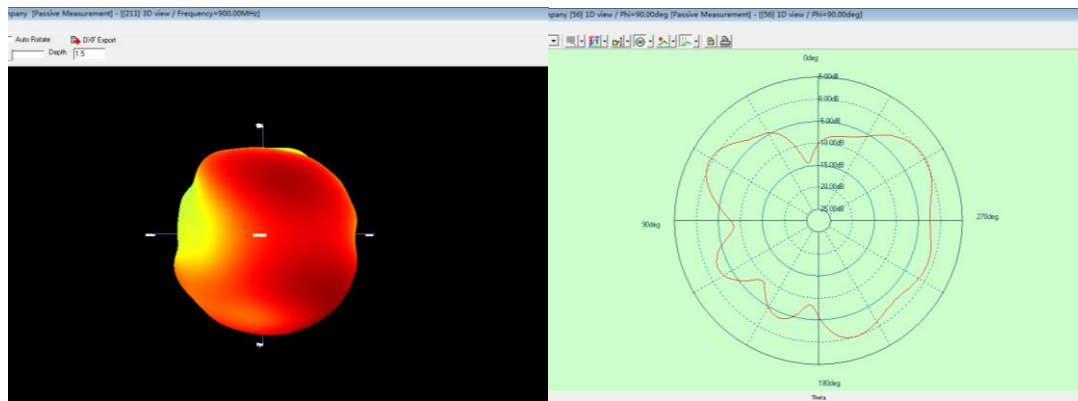
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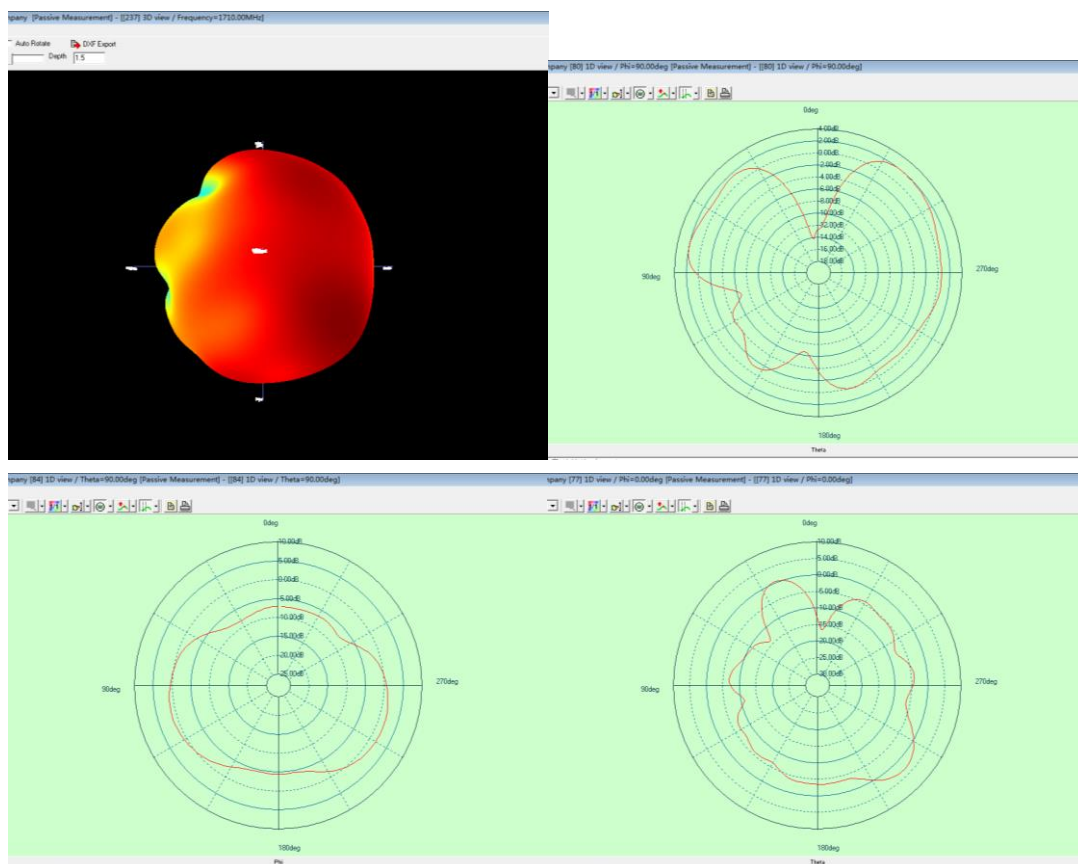
1710MHz



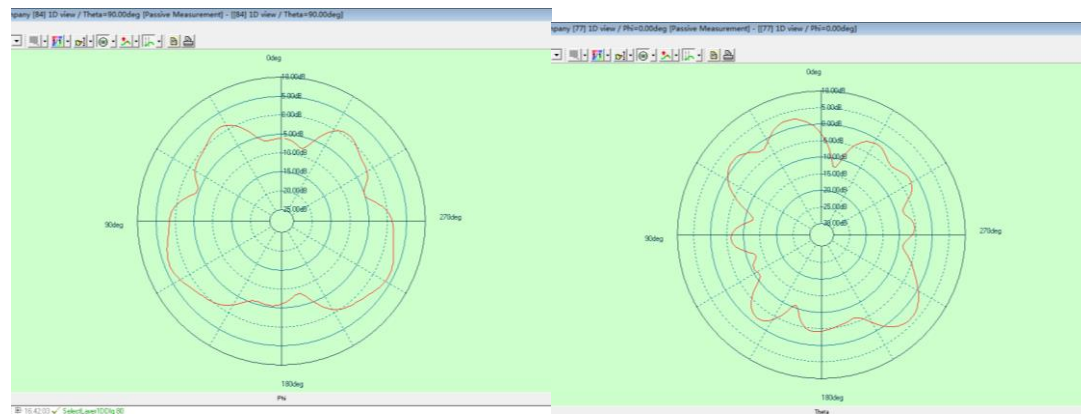
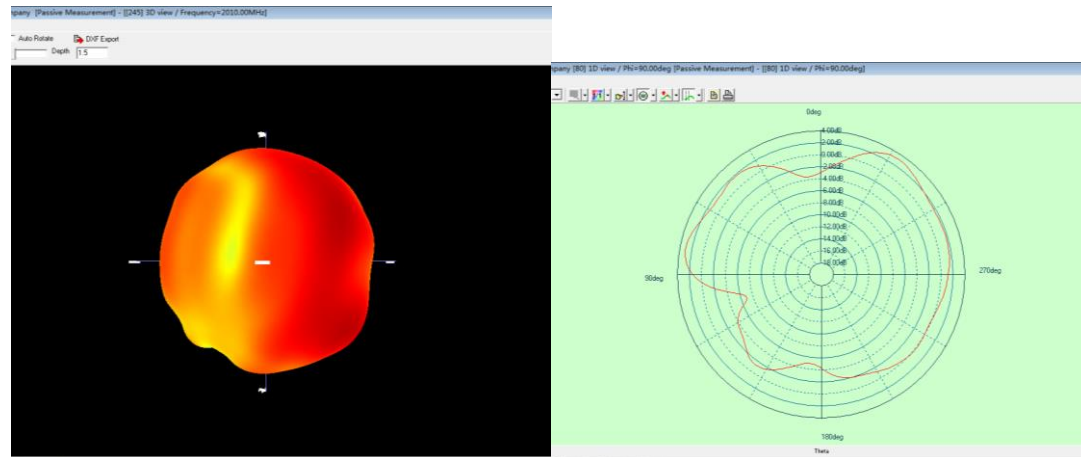
1810MHz



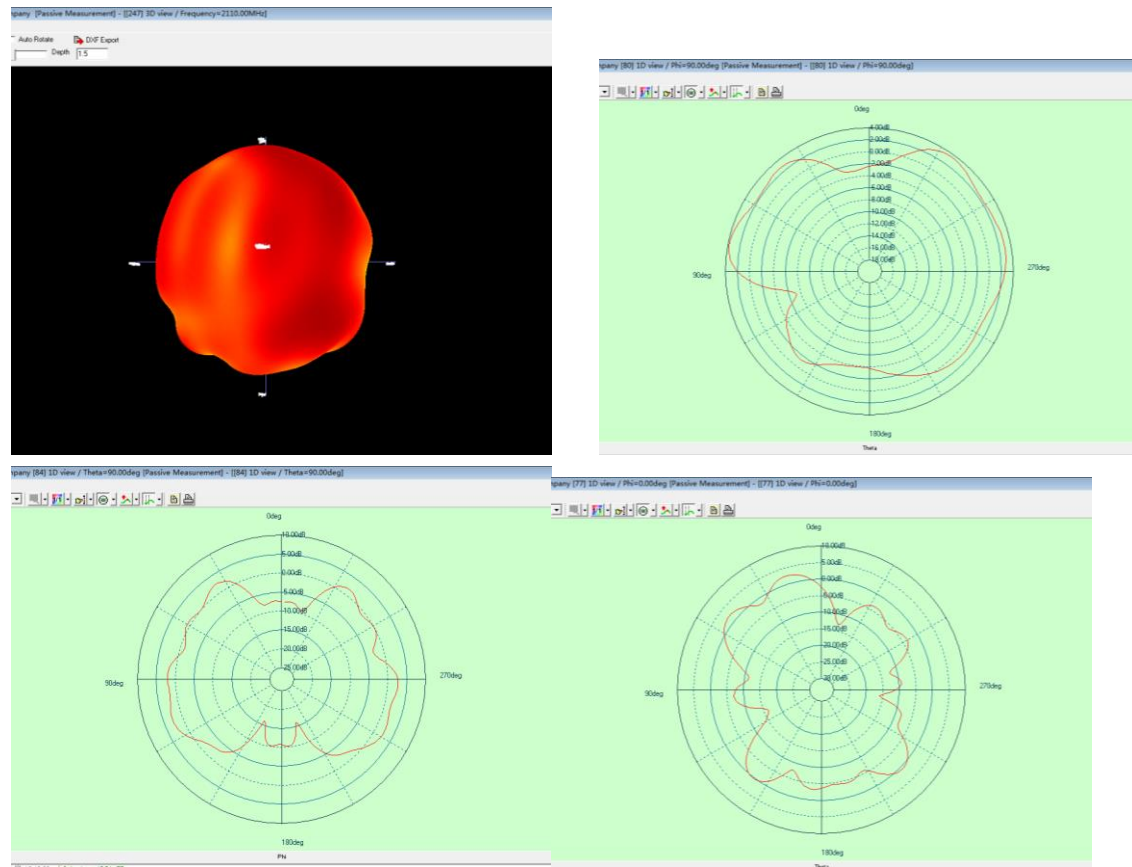
1910MHz



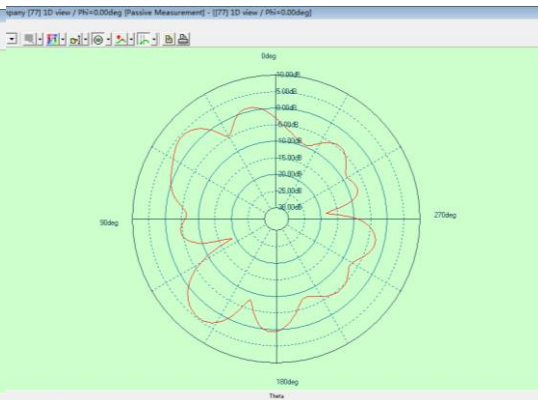
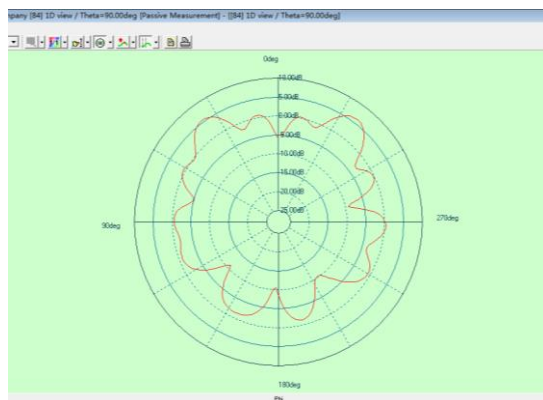
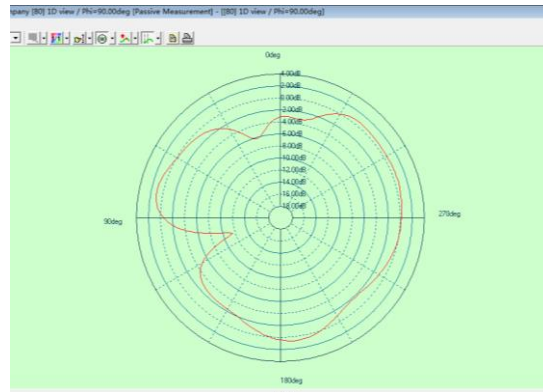
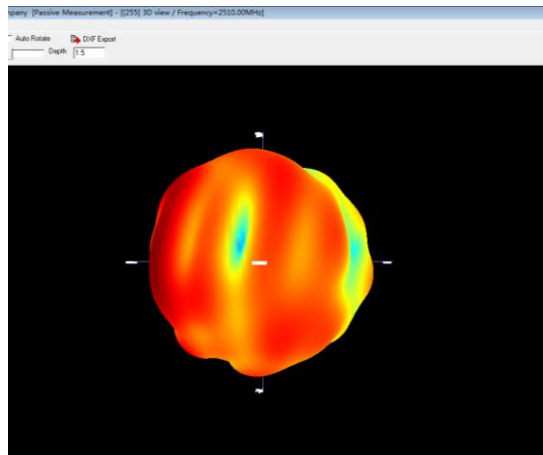
2010MHz



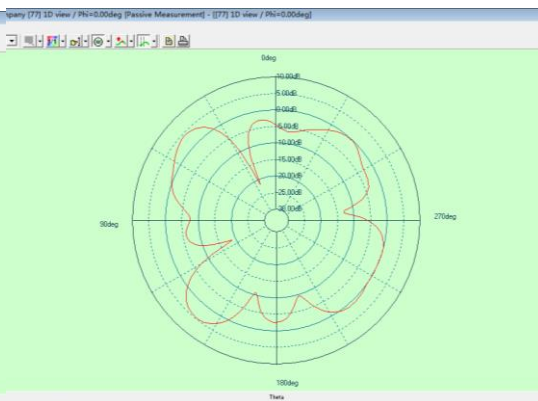
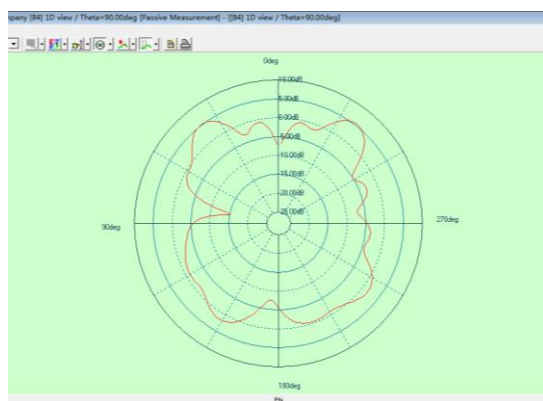
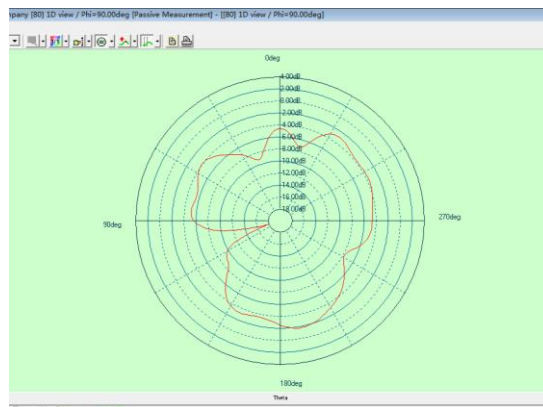
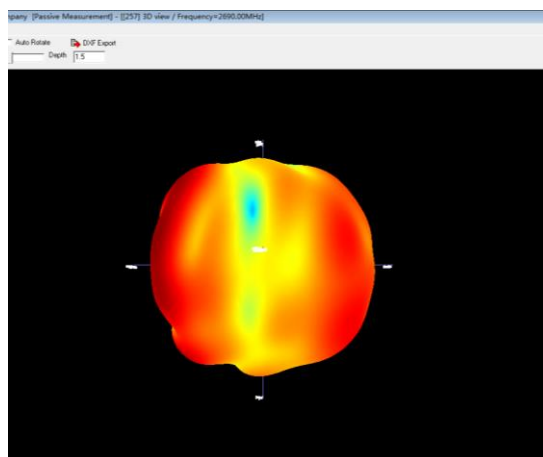
2110MHz



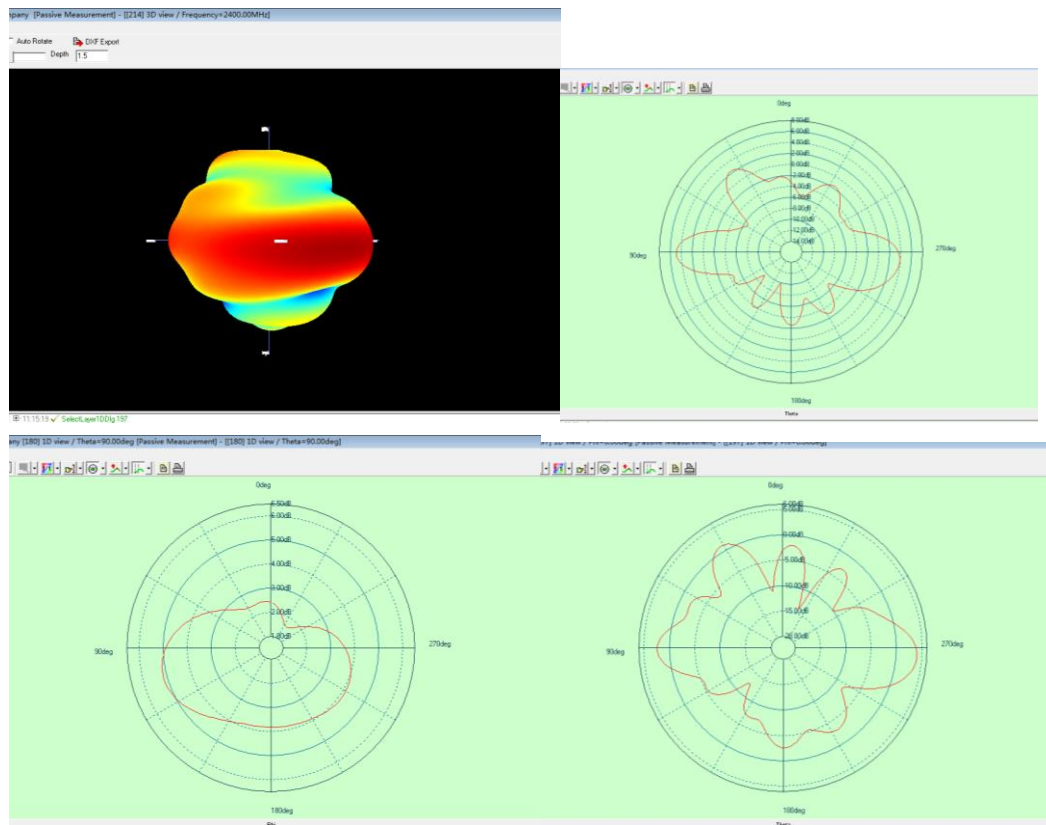
2510MHz



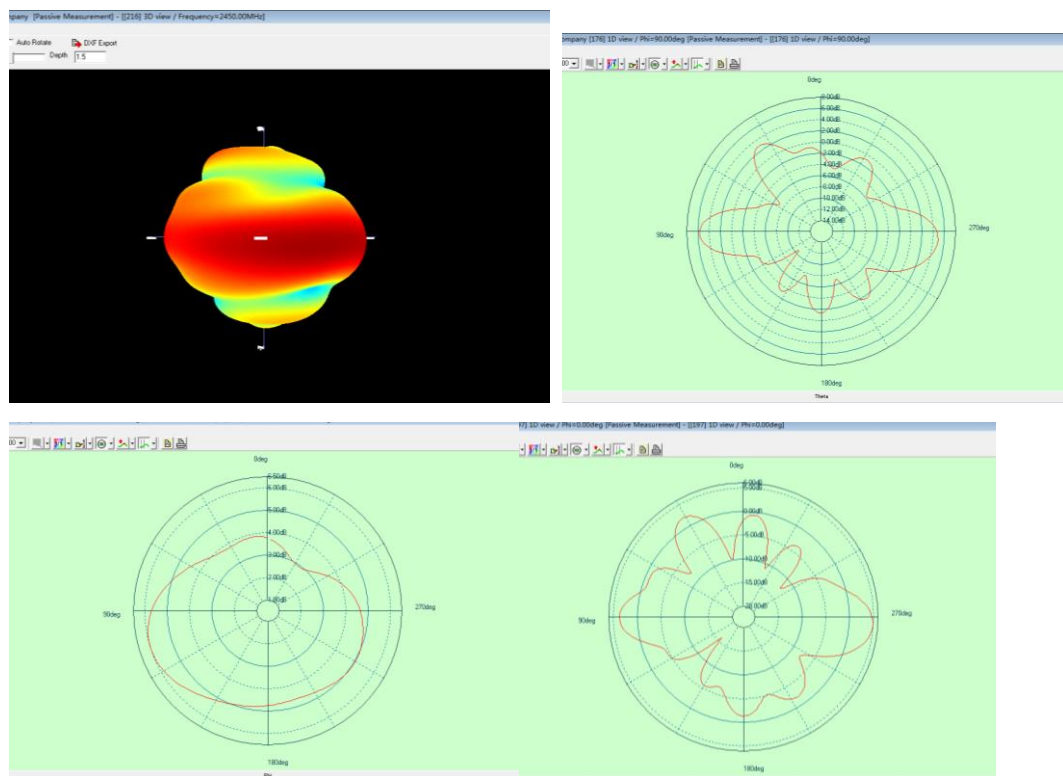
2690MHz



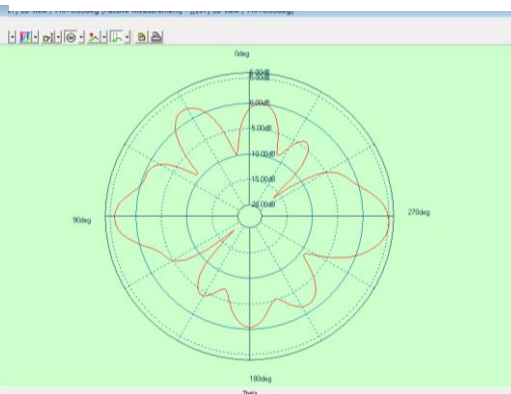
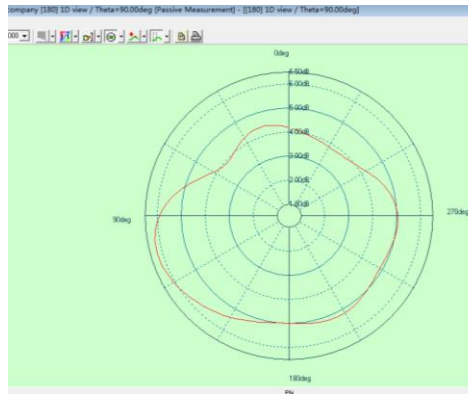
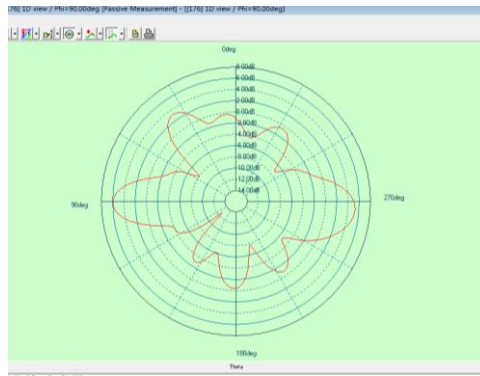
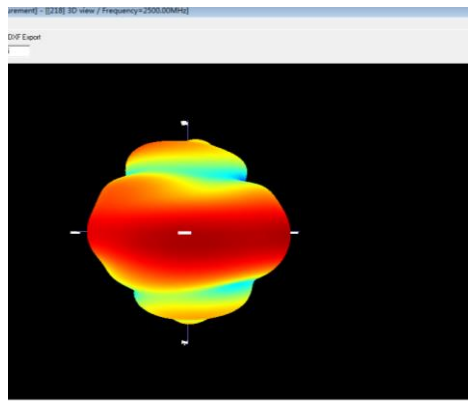
WiFi Antenna 0 2400MHz



2450MHz

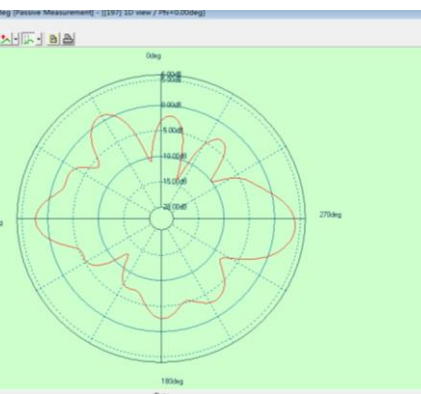
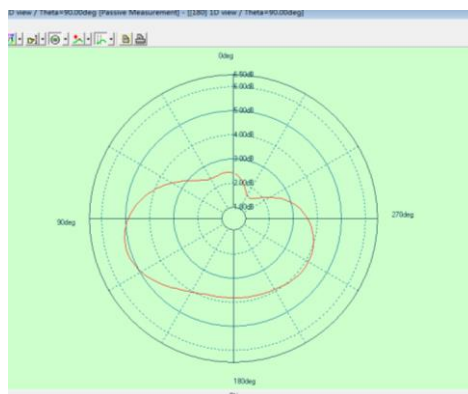
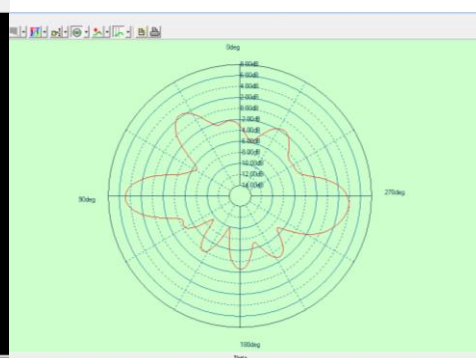
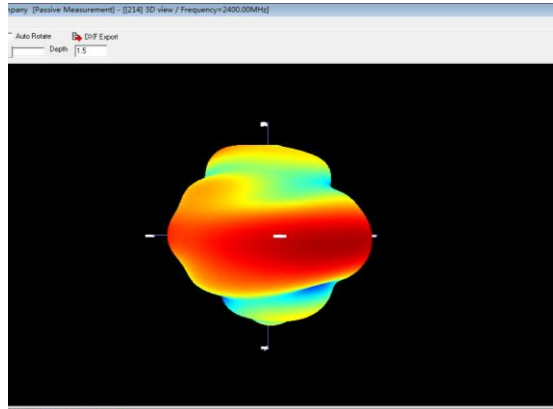


2500MHz

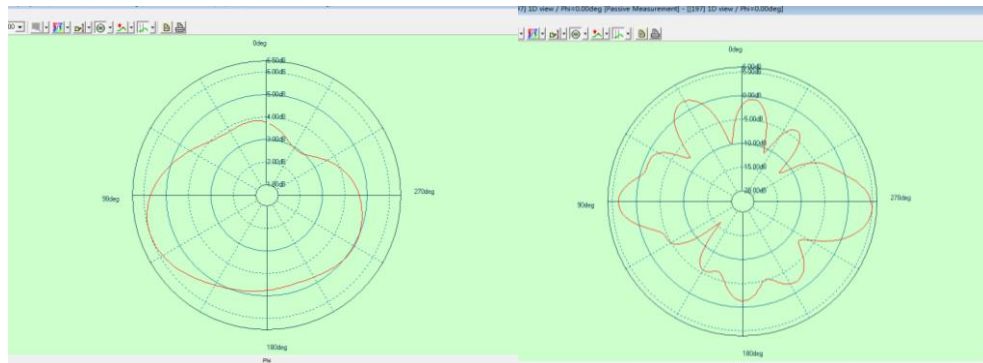
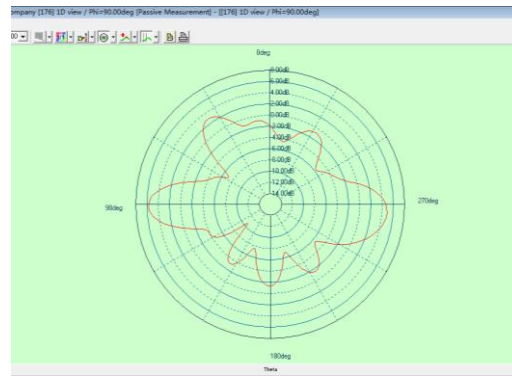
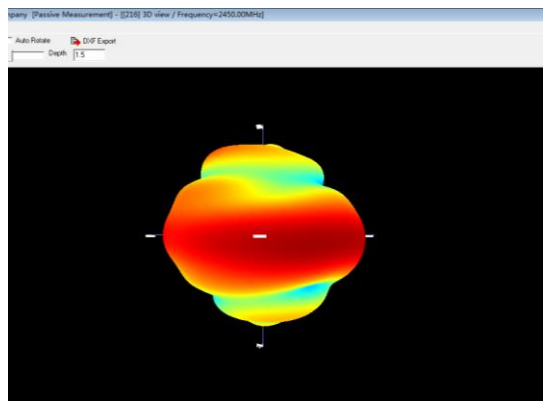


WiFi Antenna 1

2400MHz



2450MHz



2500MHz

