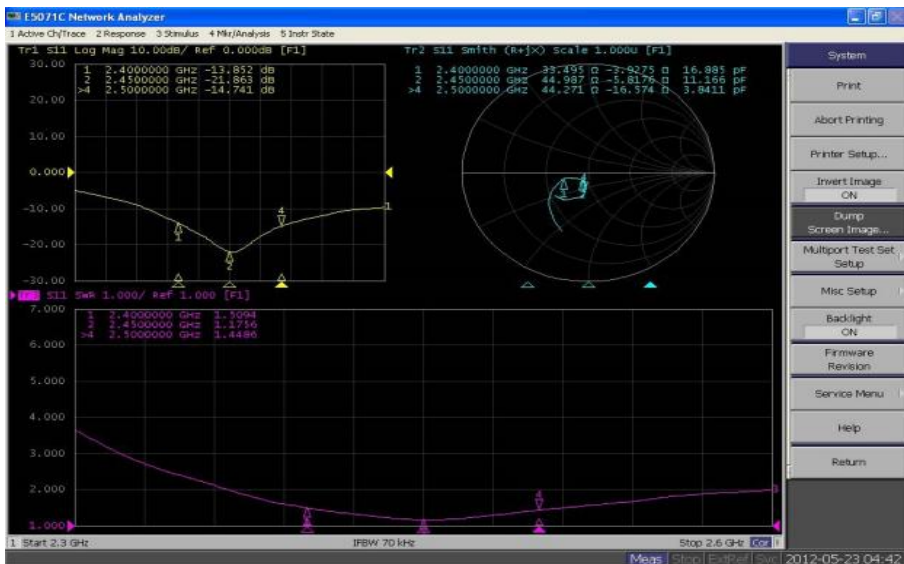
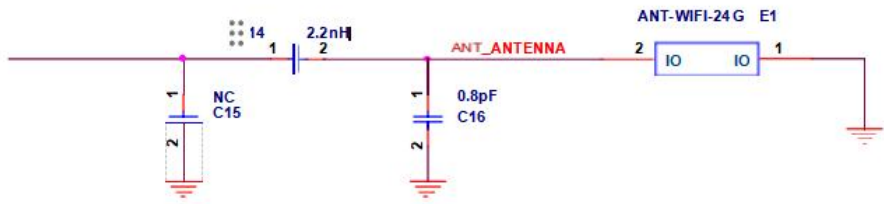
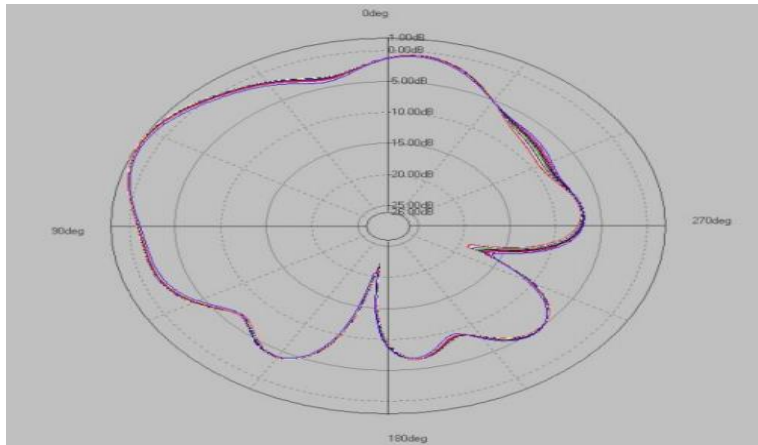


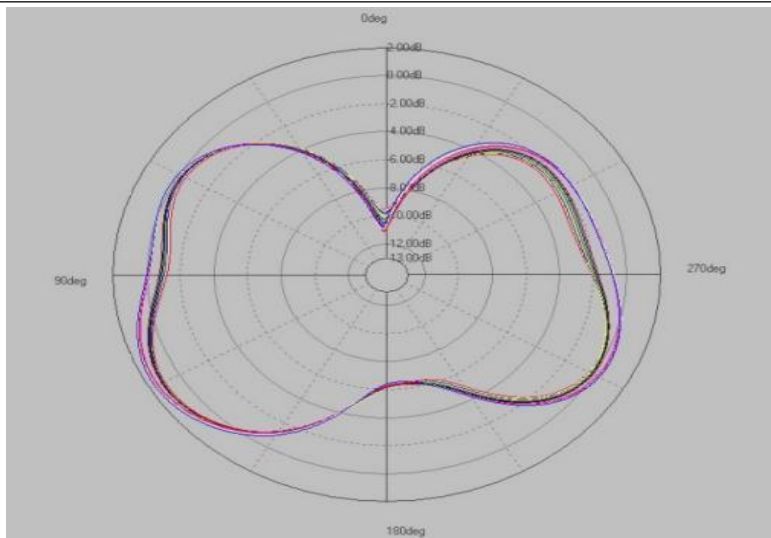
# Antenna Report

|                     |                                                                                                                                                                                                                                                                                                                                                                             |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|-----------------|------|------|------|------|------|------|------|------|------|------|------|
| Antenna Type        | PCB Antenna                                                                                                                                                                                                                                                                                                                                                                 |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Antenna Model       | ANT_MTS960                                                                                                                                                                                                                                                                                                                                                                  |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Brand Name          | Meross                                                                                                                                                                                                                                                                                                                                                                      |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Frequency           | <input checked="" type="checkbox"/> 2.4~2.5GHz <input type="checkbox"/> 5.15~5.85GHz <input type="checkbox"/> 2.4~2.5GHz&5.15~5.85GHz                                                                                                                                                                                                                                       |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Applicable Module   | MTS960（EU）, MTS960(UK) , MTS960(US)                                                                                                                                                                                                                                                                                                                                         |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Manufacture         | Chengdu Meross Technology Co., Ltd.                                                                                                                                                                                                                                                                                                                                         |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Antenna Shape:      |                                                                                                                                                                                                                                                                                          |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Antenna Gain(dBi)   | <table><tr><td>Freq. (MHz)</td><td>2400</td><td>2410</td><td>2420</td><td>2430</td><td>2440</td><td>2450</td><td>2460</td><td>2470</td><td>2480</td><td>2490</td><td>2500</td></tr><tr><td>Peak Gain (dBi)</td><td>1.52</td><td>1.62</td><td>1.61</td><td>1.59</td><td>1.57</td><td>1.53</td><td>1.43</td><td>1.42</td><td>1.44</td><td>1.47</td><td>1.44</td></tr></table> | Freq. (MHz) | 2400 | 2410 | 2420 | 2430 | 2440 | 2450 | 2460 | 2470 | 2480 | 2490 | 2500 | Peak Gain (dBi) | 1.52 | 1.62 | 1.61 | 1.59 | 1.57 | 1.53 | 1.43 | 1.42 | 1.44 | 1.47 | 1.44 |
| Freq. (MHz)         | 2400                                                                                                                                                                                                                                                                                                                                                                        | 2410        | 2420 | 2430 | 2440 | 2450 | 2460 | 2470 | 2480 | 2490 | 2500 |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Peak Gain (dBi)     | 1.52                                                                                                                                                                                                                                                                                                                                                                        | 1.62        | 1.61 | 1.59 | 1.57 | 1.53 | 1.43 | 1.42 | 1.44 | 1.47 | 1.44 |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Antenna S Parameter |                                                                                                                                                                                                                                                                                         |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |
| Match Circuit       |                                                                                                                                                                                                                                                                                         |             |      |      |      |      |      |      |      |      |      |      |      |                 |      |      |      |      |      |      |      |      |      |      |      |

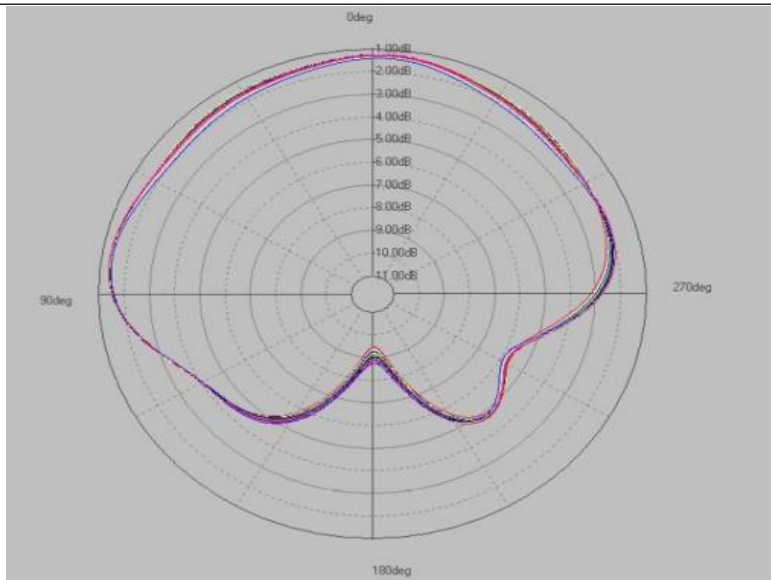
2D Pattern  
Phi=0°



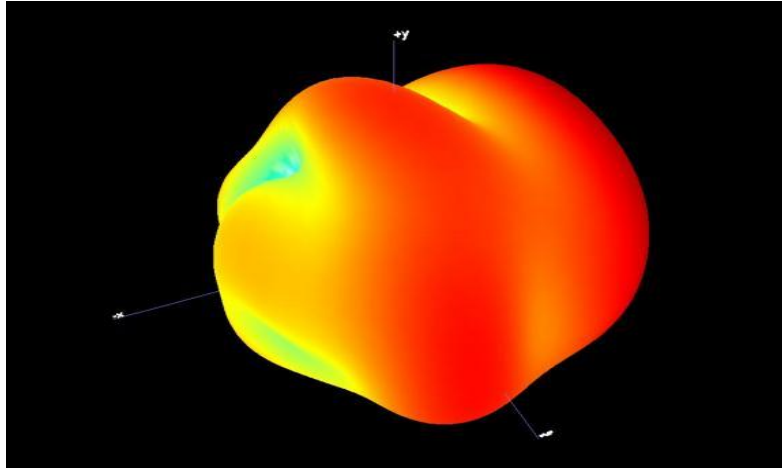
2D Pattern  
Phi=90°



2D Pattern  
Theta=90°



3D Pattern



Antenna  
Effeciency

| Freq.<br>(MHz) | 2400  | 2410  | 2420  | 2430  | 2440  | 2450  | 2460  | 2470  | 2480  | 2490  | 2500  |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Efficiency     | 0.612 | 0.616 | 0.614 | 0.613 | 0.609 | 0.608 | 0.607 | 0.606 | 0.602 | 0.593 | 0.585 |