



# 深圳市东信通电子科技有限公司

ShenZhen Eastong Electronic technology Co., LTD

E.S Antenna Design

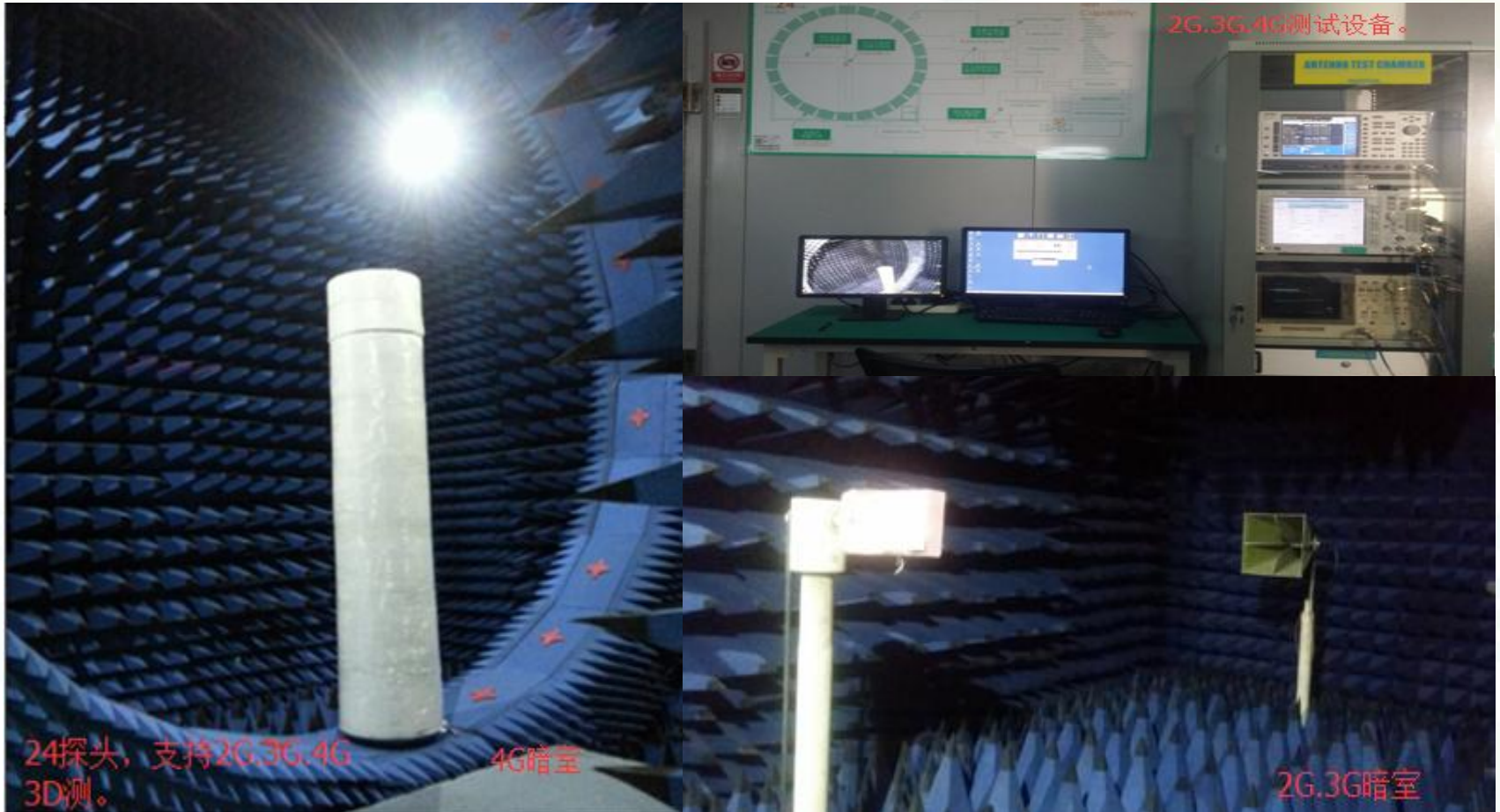
& Mobile Phone OTA (CTIA)

---

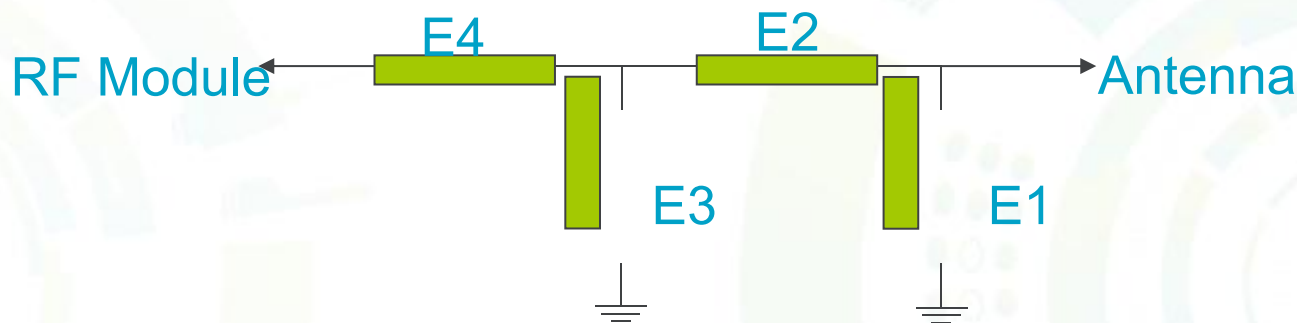
Test Report

Design for : BT

## 1 Advanced technology and equipment



## 匹配电路(Matching Circuit Description)

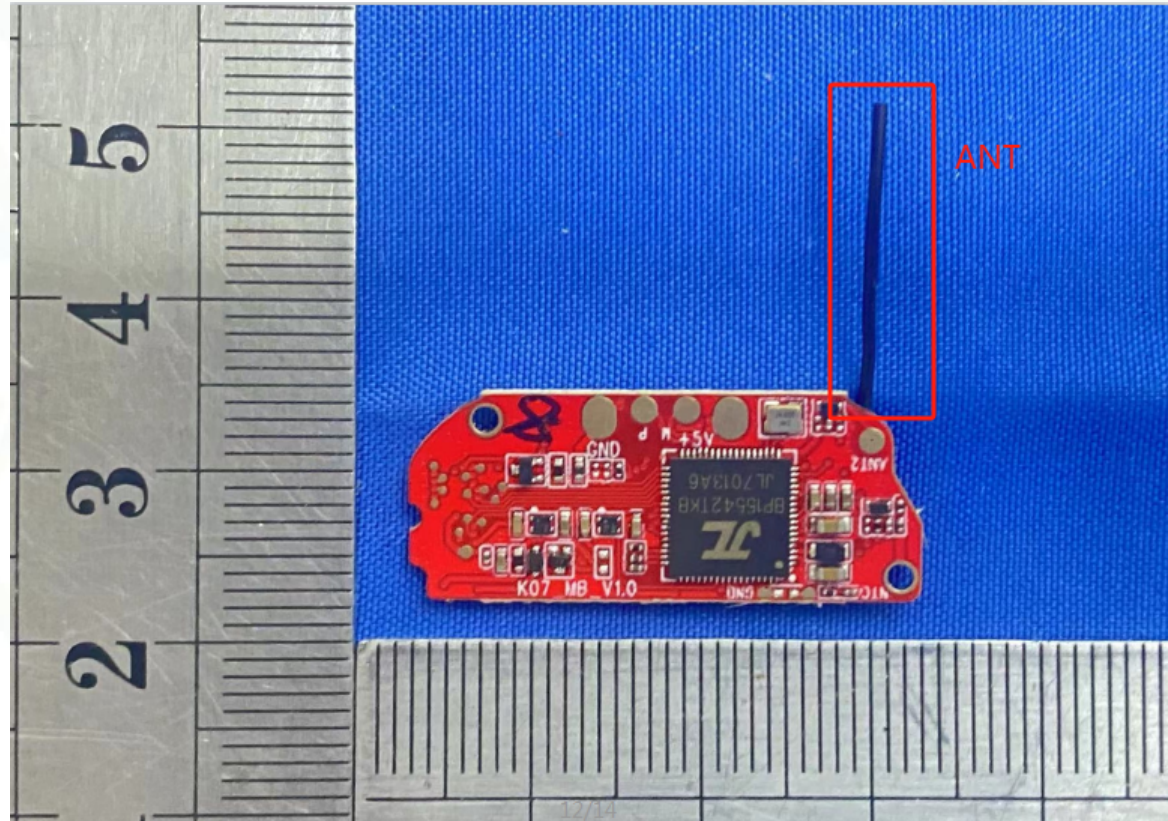


Element	Value	Vender
E1(0402)		
E2(0402)		
E3(0402)		
E4(0402)		

原匹配

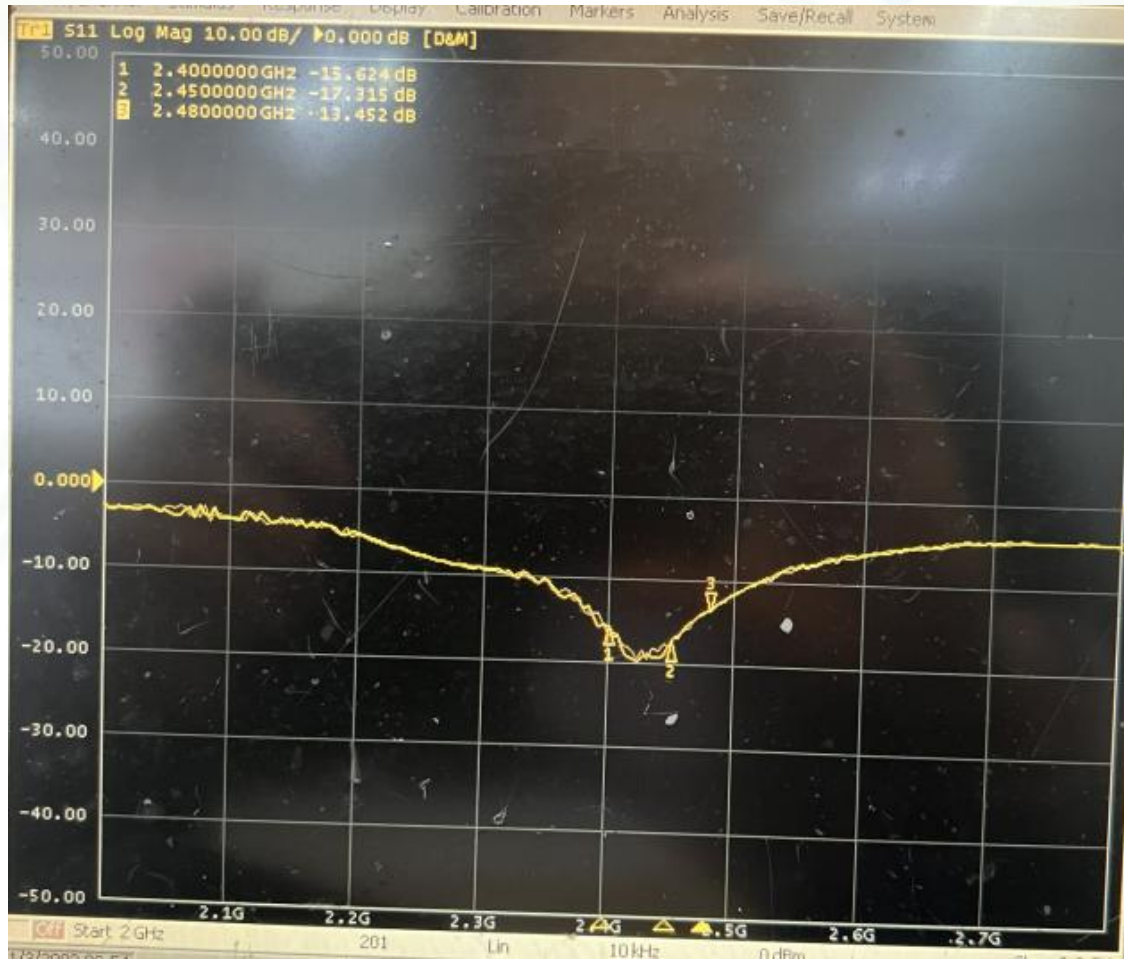


Antenna picture





S11:



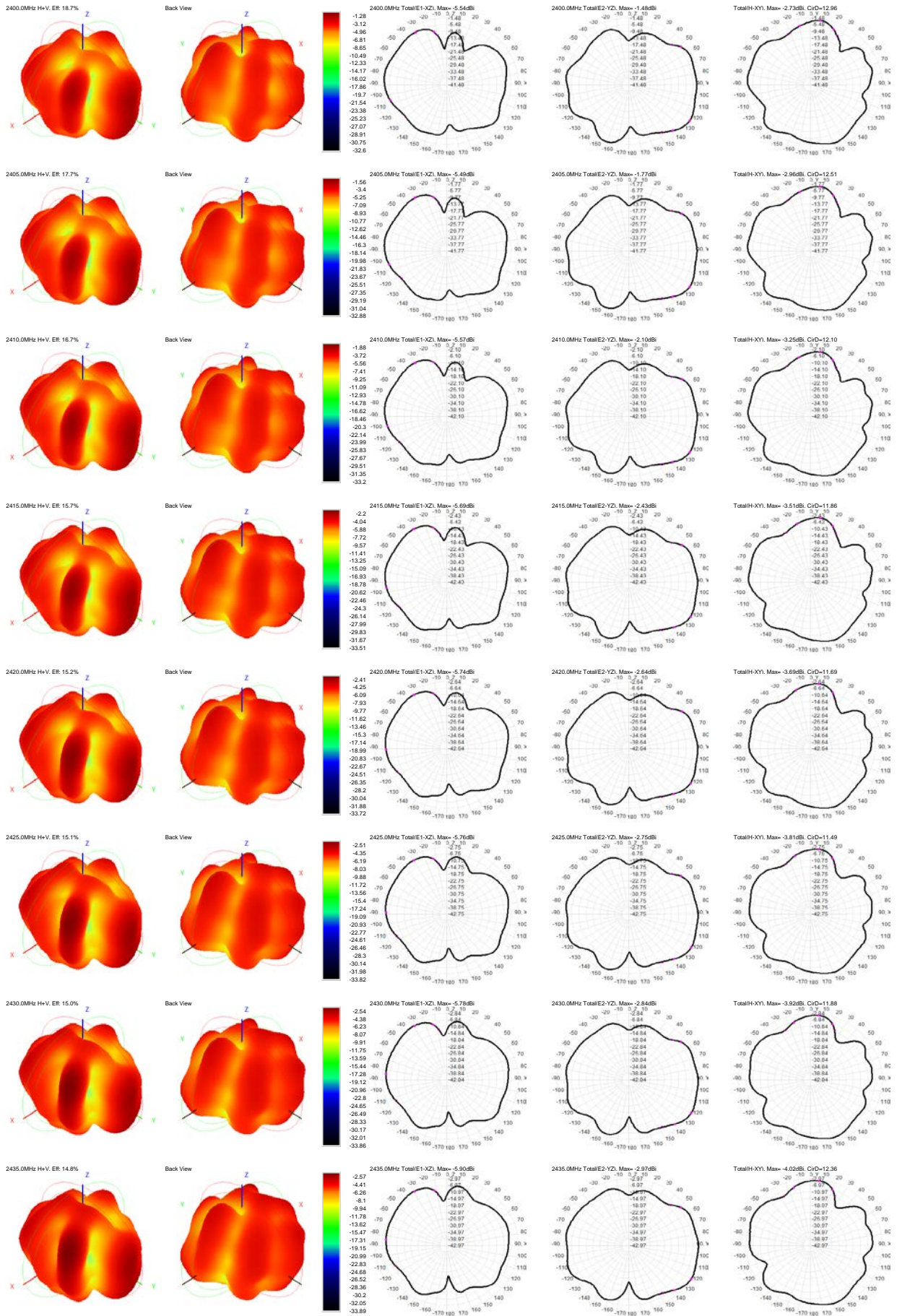
2023-11-15



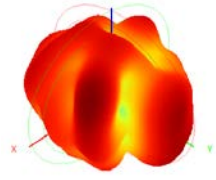
Efficiency/Gain:

Test Point ID	Freq. (MHz)	Gain (dBi)	Efficiency (%)
<a href="#">1</a>	2400.0	-4.7	10.5%
<a href="#">2</a>	2410.0	-4.6	10.8%
<a href="#">3</a>	2420.0	-4.6	10.9%
<a href="#">4</a>	2430.0	-4.9	11.3%
<a href="#">5</a>	2440.0	-4.3	11.9%
<a href="#">6</a>	2450.0	-4.7	11.7%
<a href="#">7</a>	2460.0	-4.9	11.5%
<a href="#">8</a>	2470.0	-4.8	10.5%
<a href="#">9</a>	2480.0	-5.1	10.6%
<a href="#">10</a>	2490.0	5.6	10.2%
<a href="#">11</a>	2500.0	-5.7	9.6%

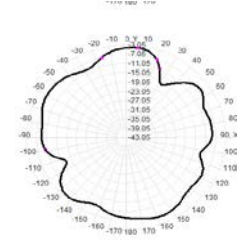
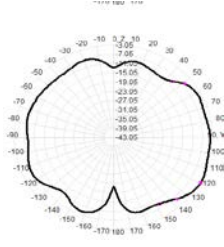
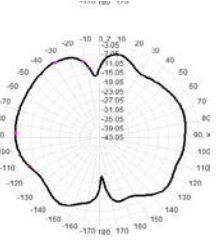
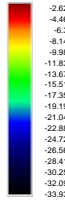
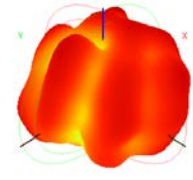




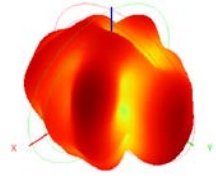
2440.0MHz H+V, ER: 14.7%



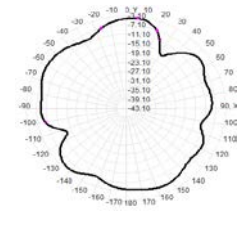
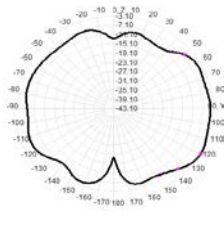
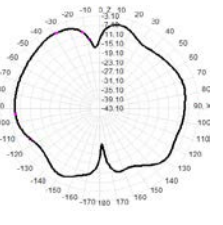
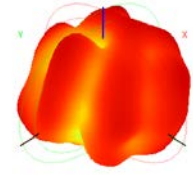
Back View



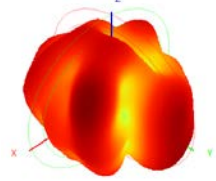
2445.0MHz H+V, ER: 14.8%



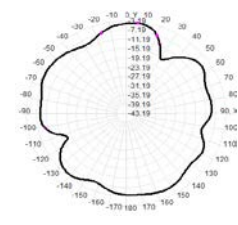
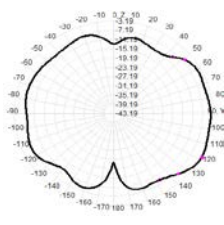
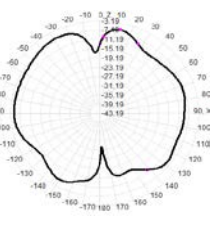
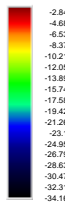
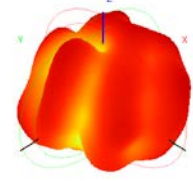
Back View



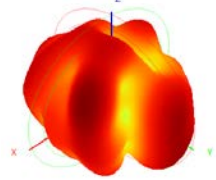
2450.0MHz H+V, ER: 14.6%



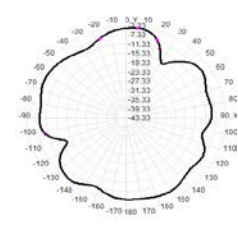
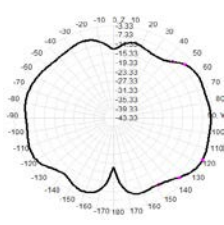
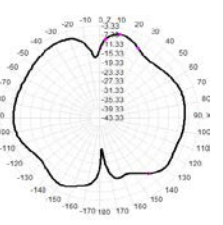
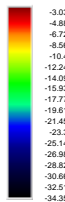
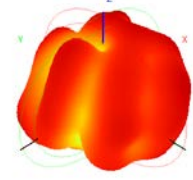
Back View



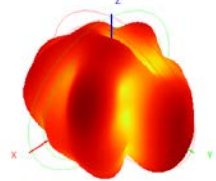
2455.0MHz H+V, ER: 14.3%



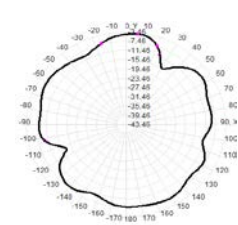
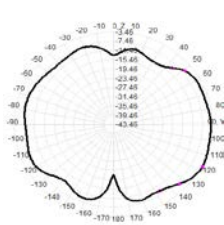
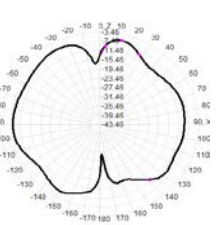
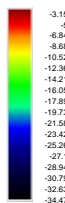
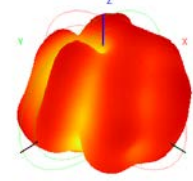
Back View



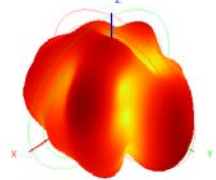
2460.0MHz H+V, ER: 13.8%



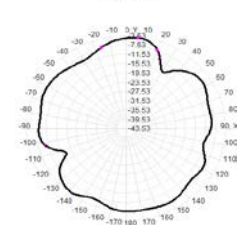
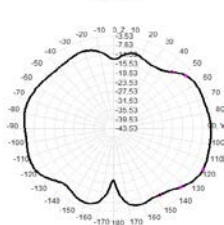
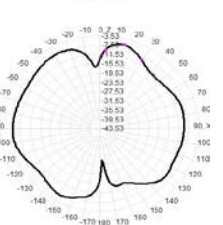
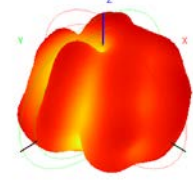
Back View



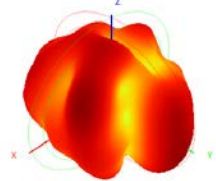
2465.0MHz H+V, ER: 13.5%



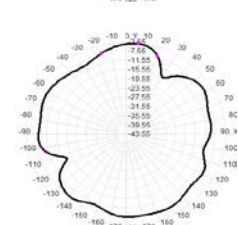
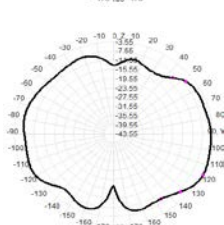
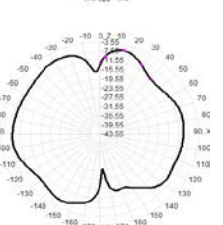
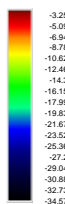
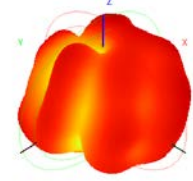
Back View



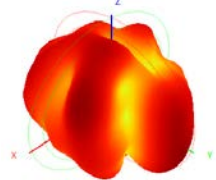
2470.0MHz H+V, ER: 13.4%



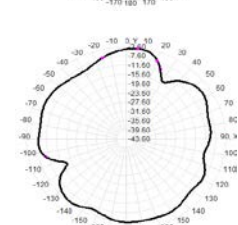
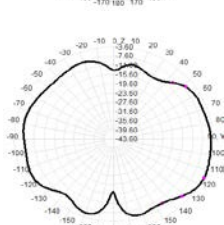
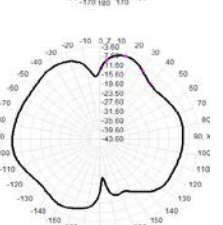
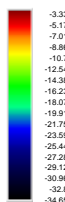
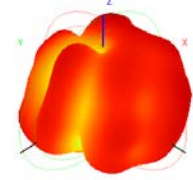
Back View



2475.0MHz H+V, ER: 13.1%

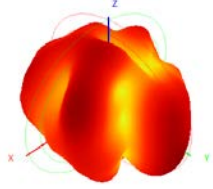


Back View

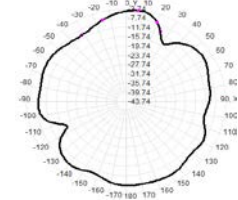
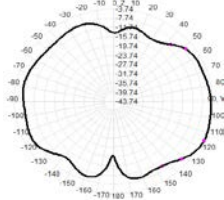
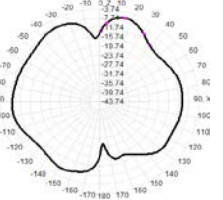
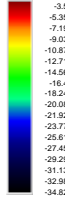
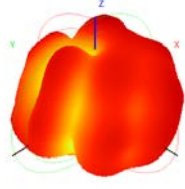




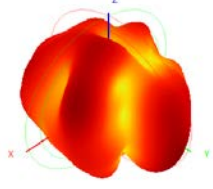
2480.0MHz H+V, ER: 12.7%



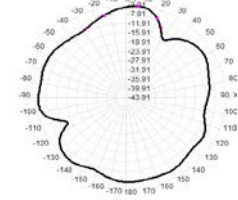
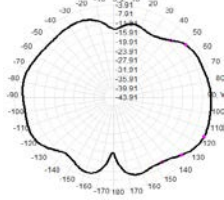
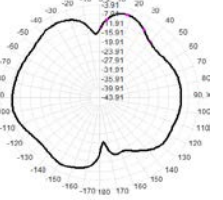
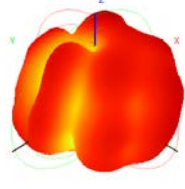
Back View



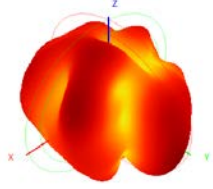
2485.0MHz H+V, ER: 12.2%



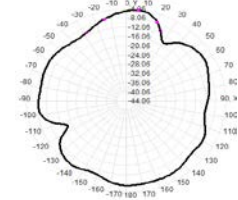
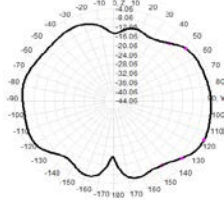
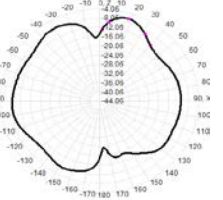
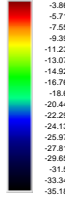
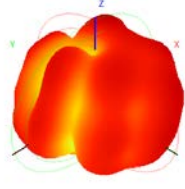
Back View



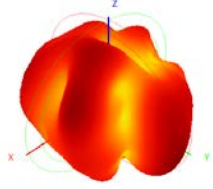
2490.0MHz H+V, ER: 11.8%



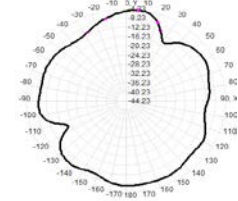
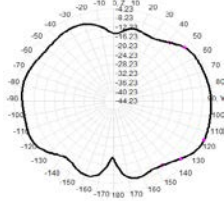
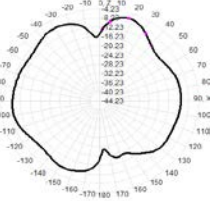
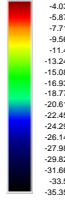
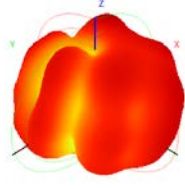
Back View



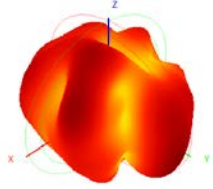
2495.0MHz H+V, ER: 11.5%



Back View



2500.0MHz H+V, ER: 11.2%



Back View

