

Antenna Data Sheet

PRODUCT NAME: External Flat Antenna

Description: 2.4/5.8G External black flat antenna+1.13black
line+IPEX-4th generation

REV: Version A

Manufacturer: Hongji Wireless Communication (Shenzhen) Co.,Ltd

Address: 12 / F, West B, Building 8, Huaqiang Creative Industry Park,
Sightseeing Road, Guangming District, Shenzhen

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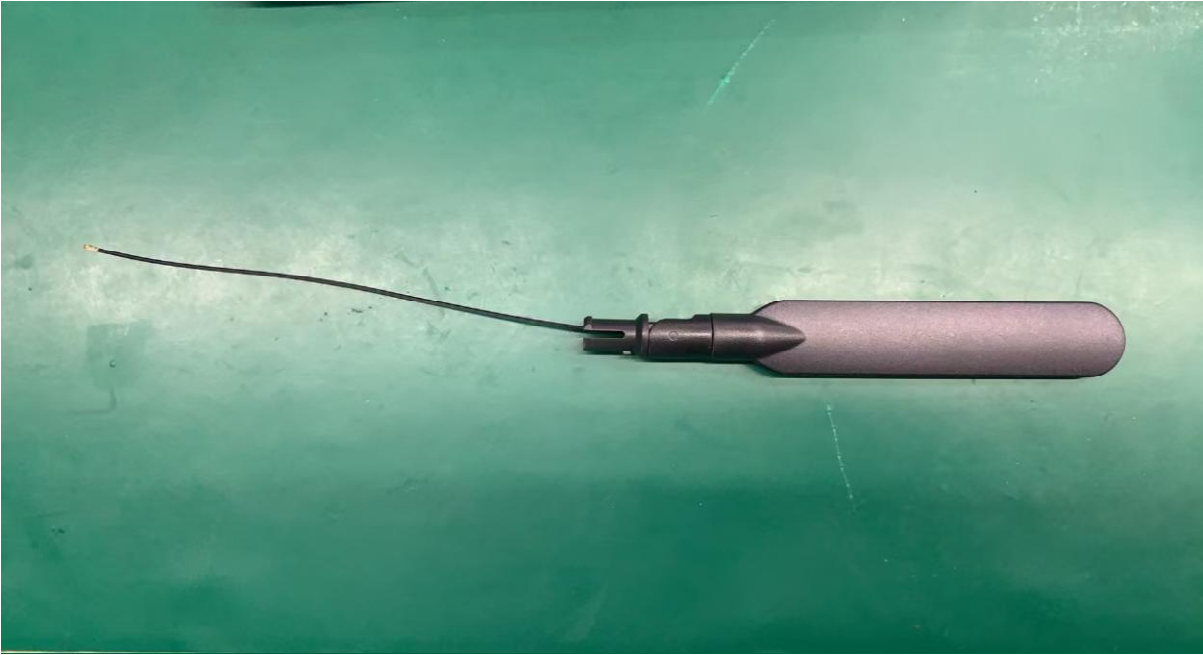
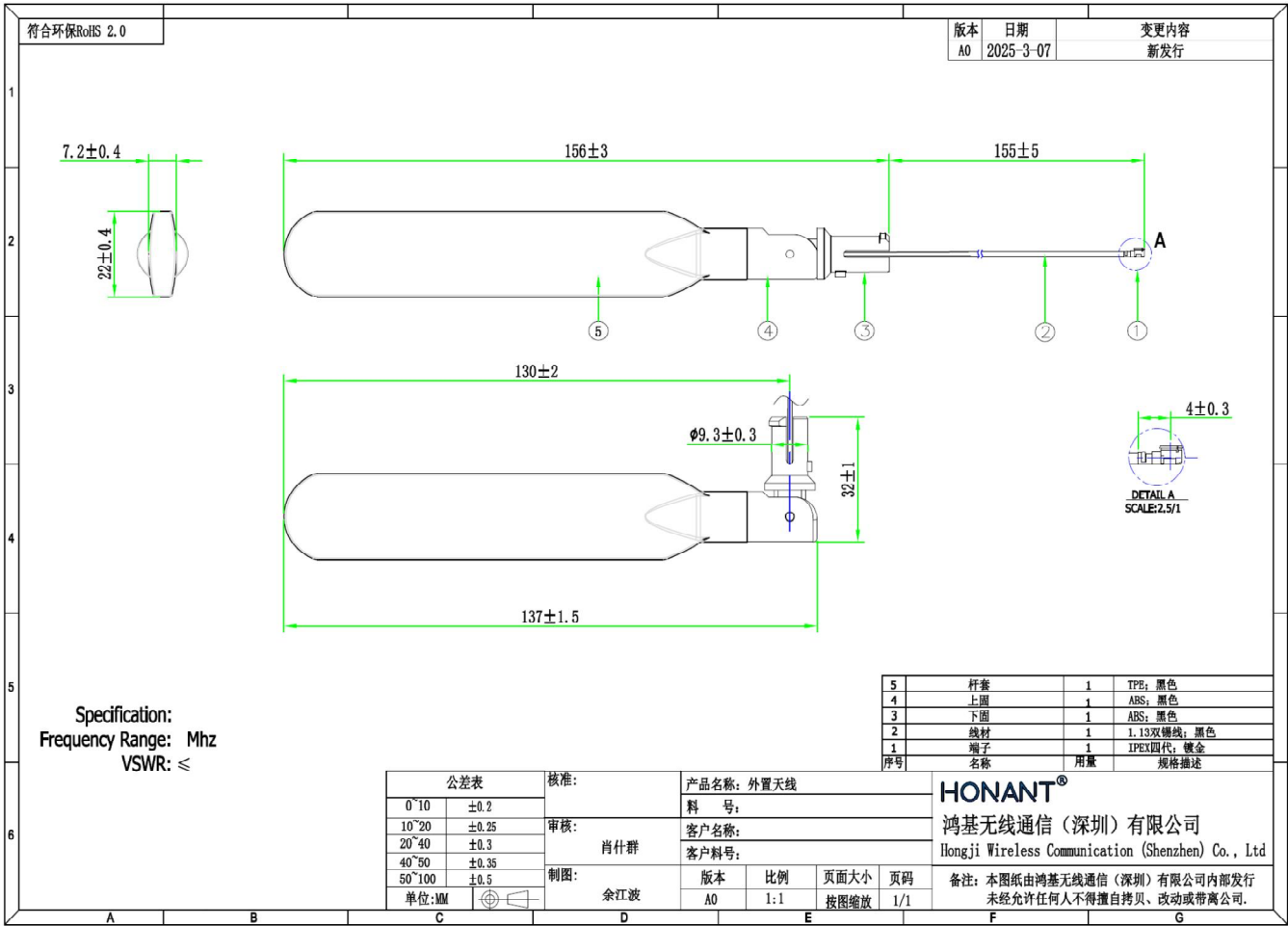
一、Revision History:

[illegible]

二、Specification Table:

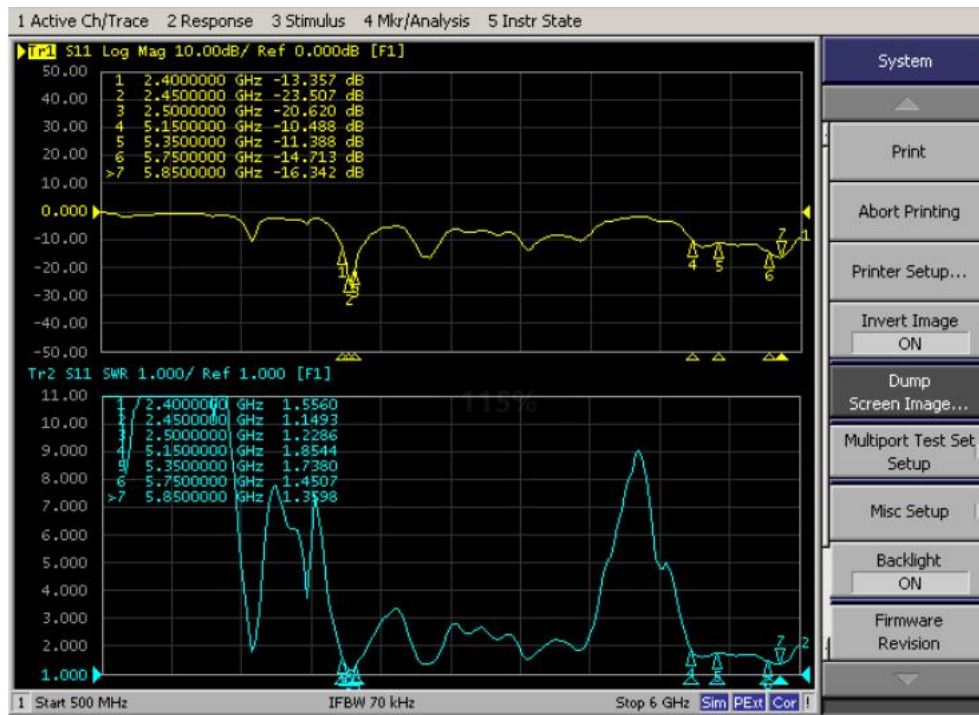
主要技术指标		Main technical specifications	
频率范围 (MHZ)	2400~2500/5150~5850	Frequency Range (MHZ)	2400~2500/5150~5850
特性阻抗(Ω)	50	Impedance(Ω)	50
最大增益(dBi)	2/3	Peak Gain(dBi)	2/3
输出电压驻波比	≤ 2.0	VSWR	≤ 2.0
最大功率	10W	Max Power	10W
极化方式	线极化	Polarization	Line Polarization
辐射方向	360°	Radiation Direction	360°
物理性能		Physical Properties	
天线尺寸(mm)	$\varnothing 21.6*156$	Antenna size(mm)	$\varnothing 21.6*156$
天线罩材料	ABS	Antenna cover material	ABS
连接方式	IPEX-4	Connector Type	IPEX-4
工作温度	-30℃~+85℃	Operating Temp	-30℃~+85℃
保存温度	-30℃~+85℃	Storage Temp	-30℃~+85℃

三、Product Drawing:



四、Test Report:

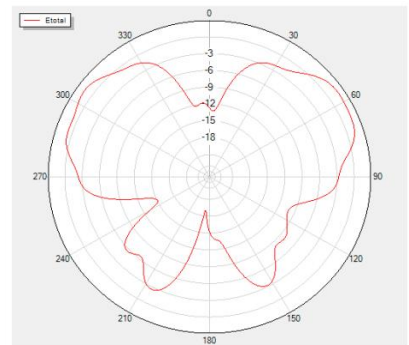
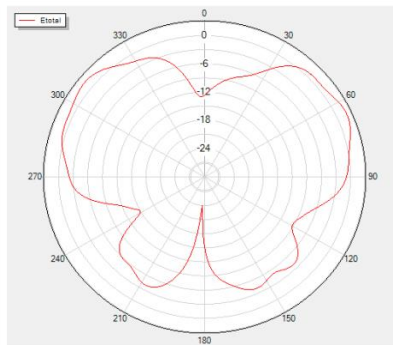
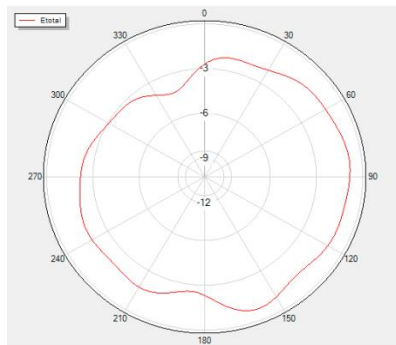
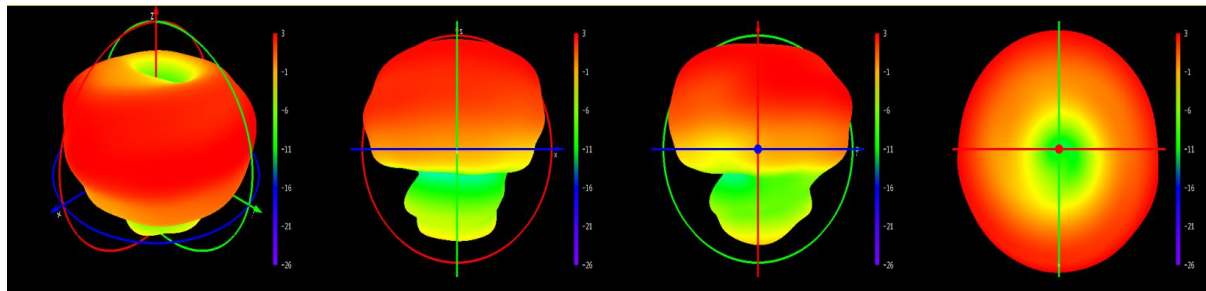
4.1: Network analyzer test report



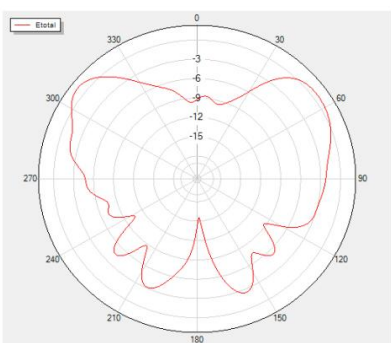
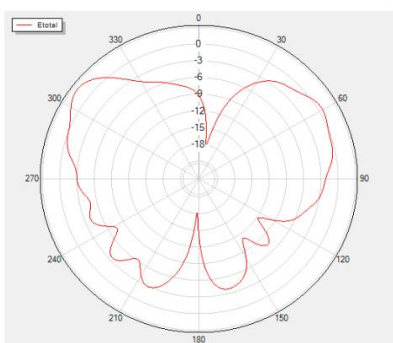
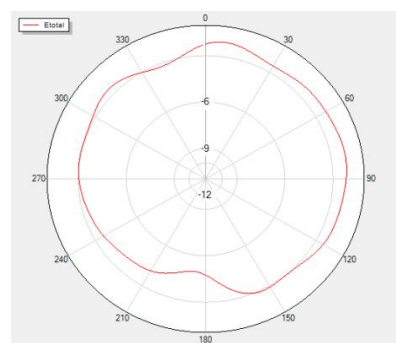
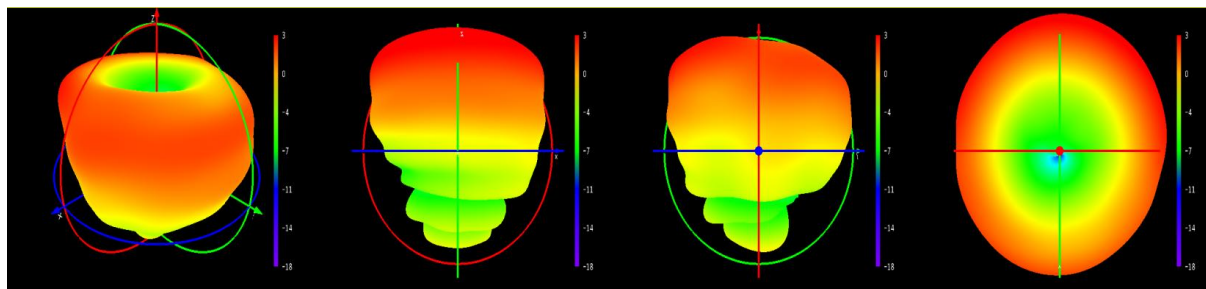
4.2: Darkroom data

Frequency (MHZ)	Gain (dBi)	Efficiency (%)
2400	2.14	70.3
2450	2.63	67.3
2500	2.81	66.3
5150	3.67	65.4
5350	3.12	63.2
5750	3.23	64.8
5850	3.15	63.6

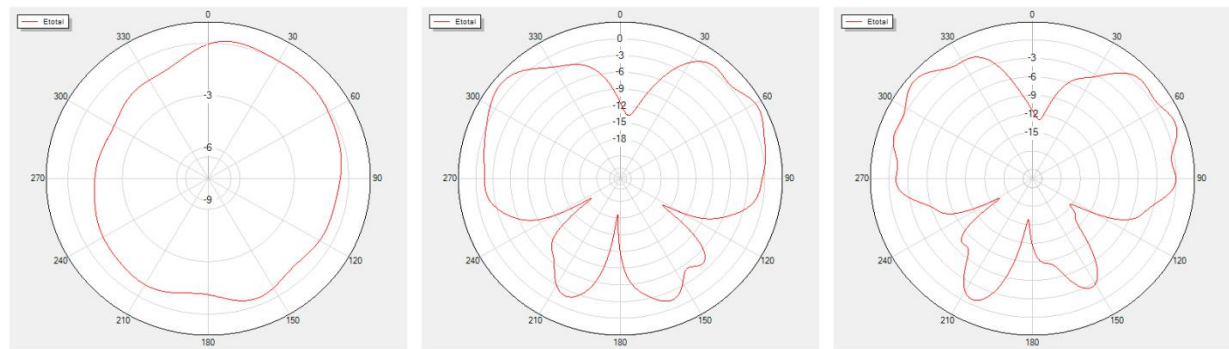
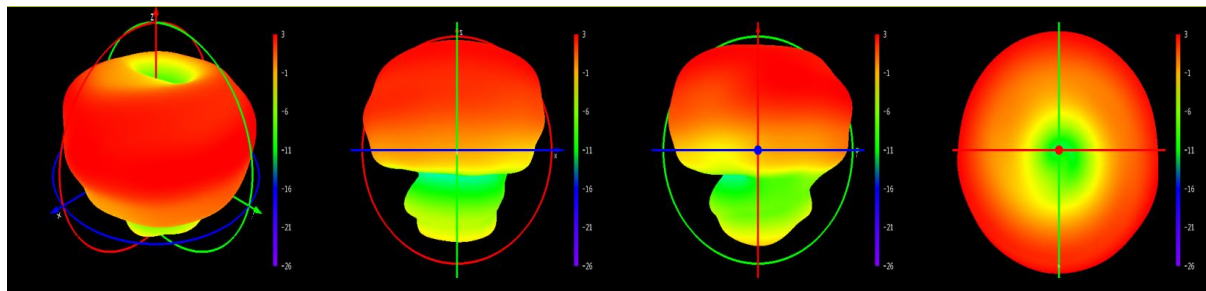
2400MHz



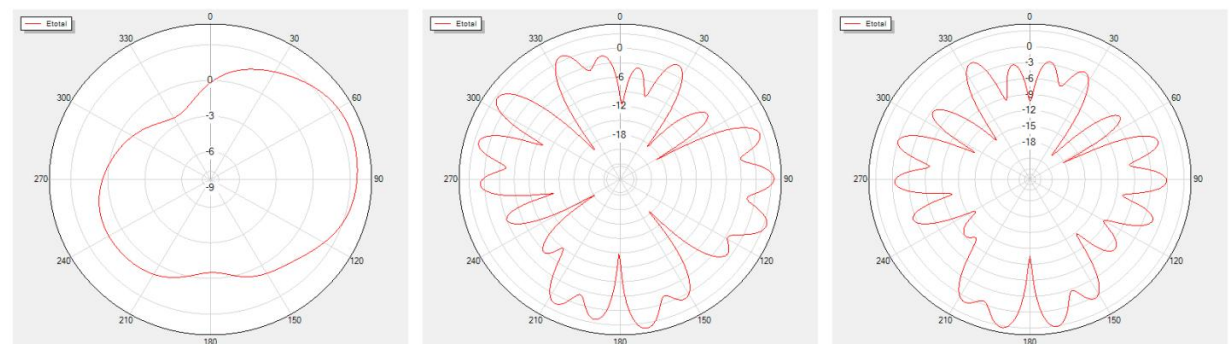
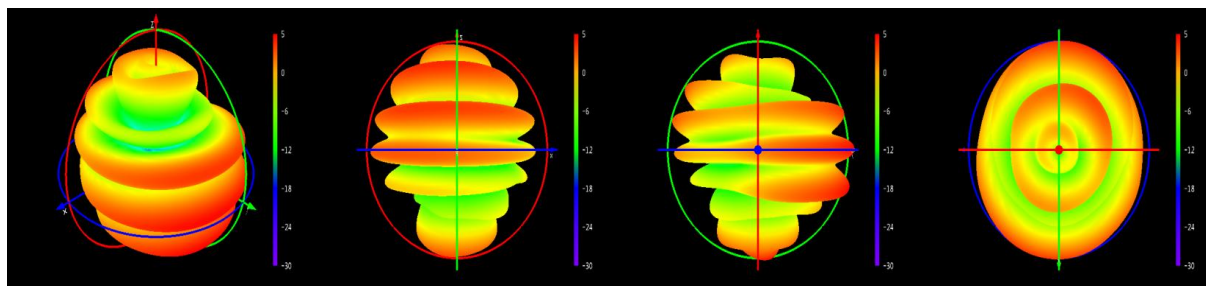
2450MHz



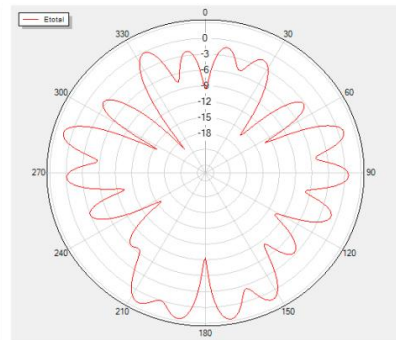
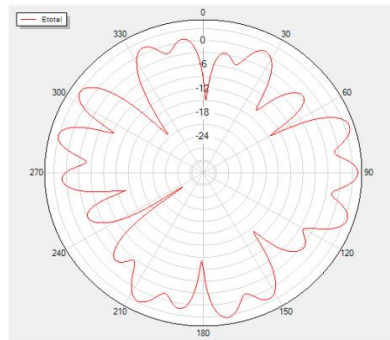
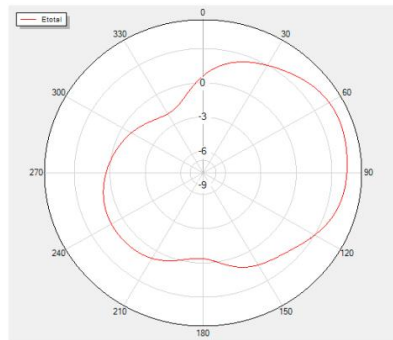
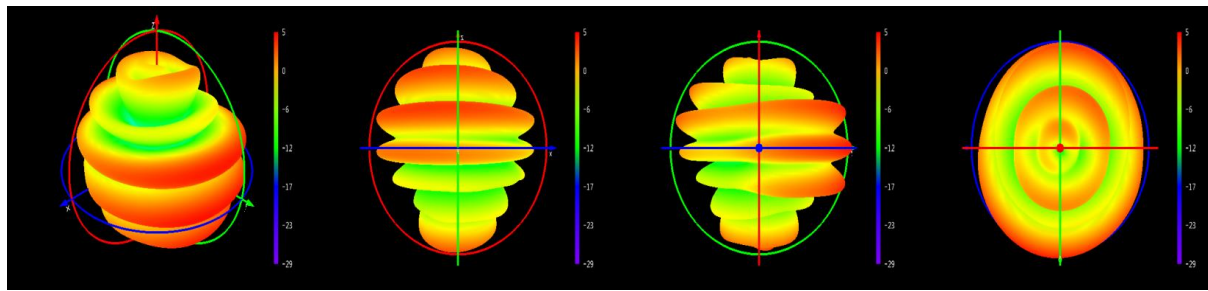
2500MHz



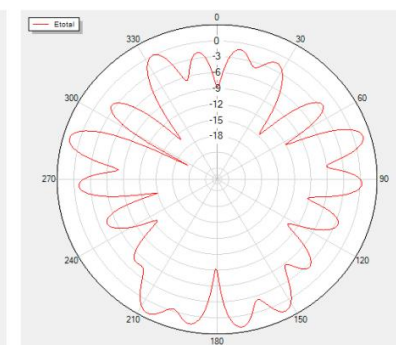
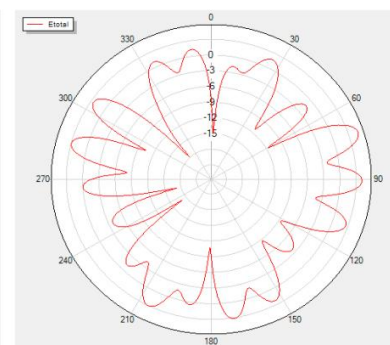
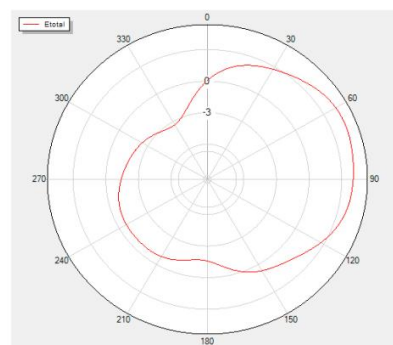
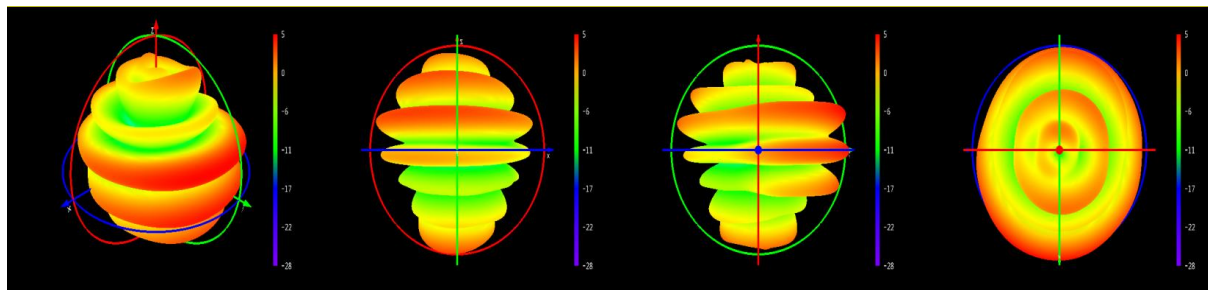
5150MHz



5350MHz



5750MHz



5850MHz

