



深圳市顺达成科技有限公司
SHUN DA CHENG TECHNOLOGY CO., LTD

产 品 技 术 规 格 书

SPECIFICATION

产品型号 PART NO: HD-LS788-A863-
WIFI-V0.1 客户料号 CUSTOMER PART NO:

客户确认 CUSTOMER APPROVED BY:
确认日期 APPROVED DATE:

RoHS Compliant Parts

深圳市宝安区福永镇重庆路新福工业园B5栋4楼
No.4 / F, Building B5, Xinfu Industrial Park, Chongqing Road, Fuyong Town,
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拟制 Prepared by: 黄宗宝	审核 Checked by : 符学荣	批准 Approved by: 陈华明
送样日期 Formed On	产品版本 Document Version (V1.6)	



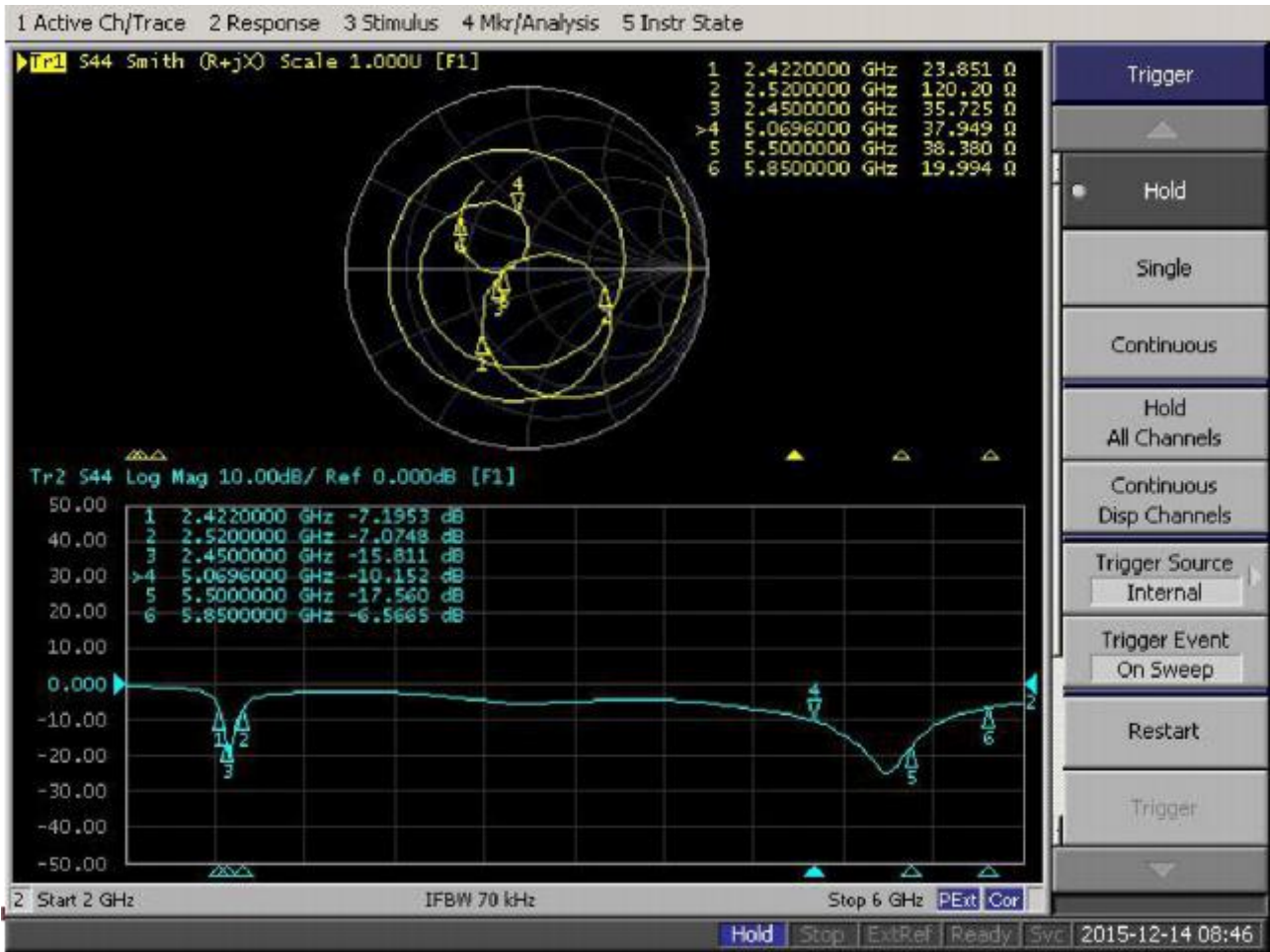
1 电气性能

Electrical Characteristics

No.	Item （项目）	Specifications （特性）
5.1	Frequency Range 频率范围	2400 ~ 2500 MHz / 5150 ~ 5850 MHz
	(带匹配电路测试)After Matching	2450 MHz/5500MHz
5.2	Band Width 通带宽度	100MHz (typ.) / 800 MHz (typ.)
5.3	Peak Gain 峰值增益	2.23dBi / 4.05dBi
5.4	Return Loss 回波损耗	-7 dB (max.) / -7 dB (max.)
5.5	Polarization 极化方式	Linear 线性
5.6	Azimuth Beam width 方位角	Omni-directional 全向
5.7	Impedance 阻抗	50 Ω

2. 特性曲线

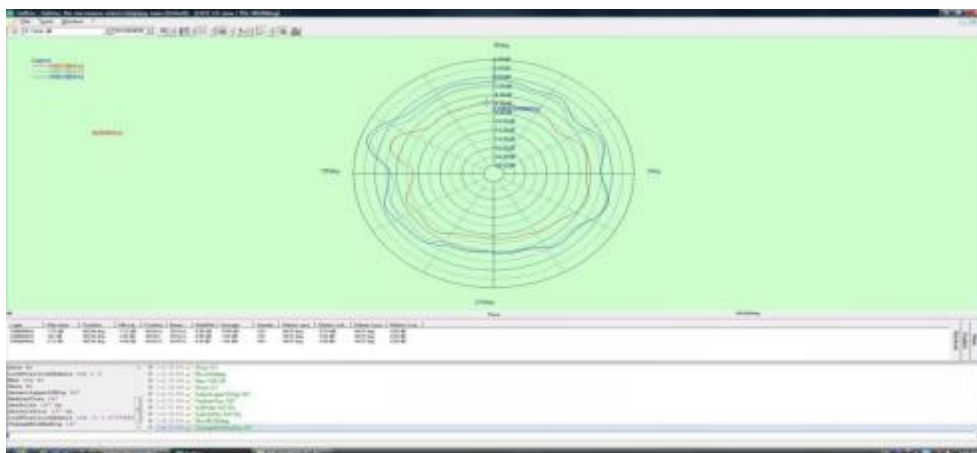
Characteristic curve





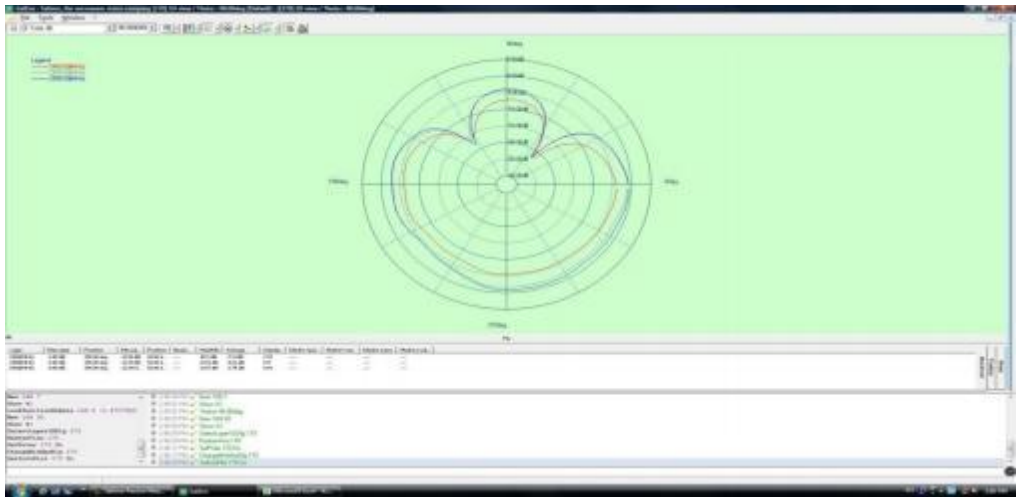
Radiation Pattern & Efficiency

X-Z Plane

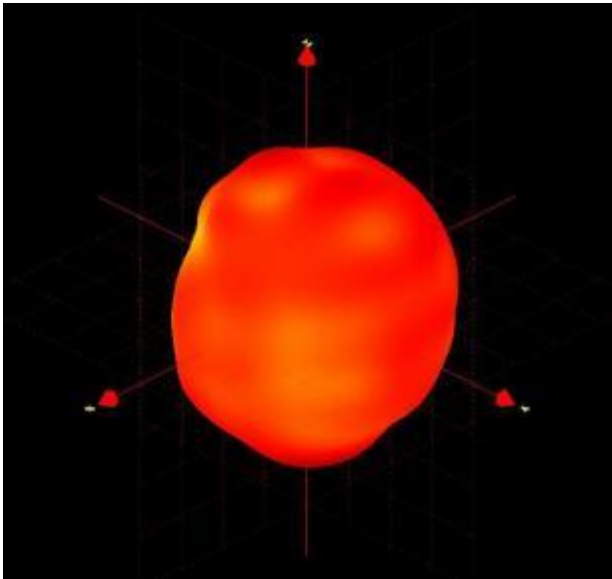




X-Y Plane



3D Radiation Pattern



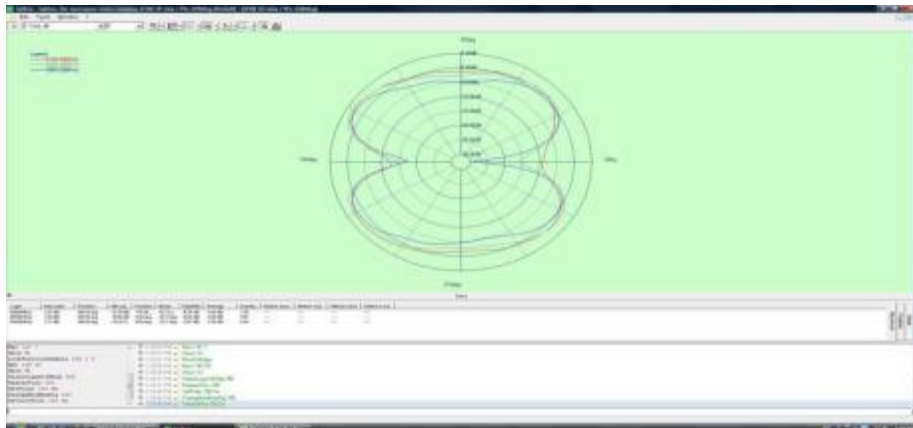
Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-4.75	-1.61	-1.36
Peck Gain (dBi)	1.95	2.23	2.07
Efficiency (%)	42	66.5	50



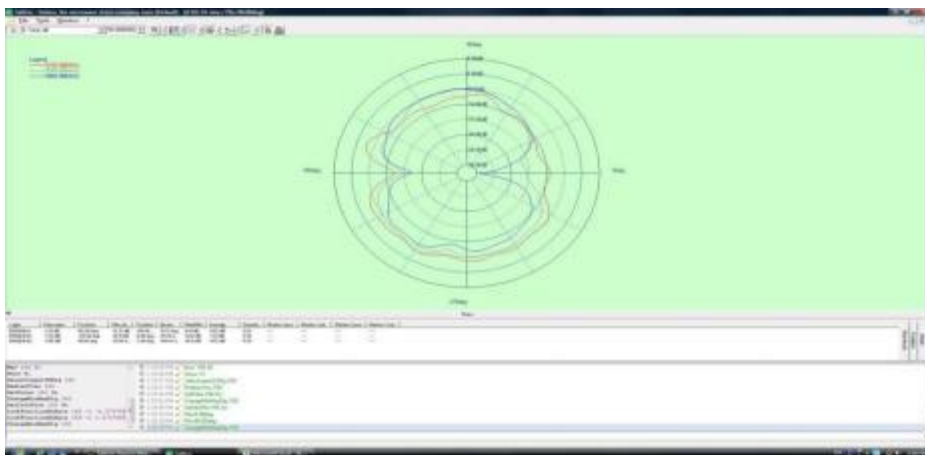
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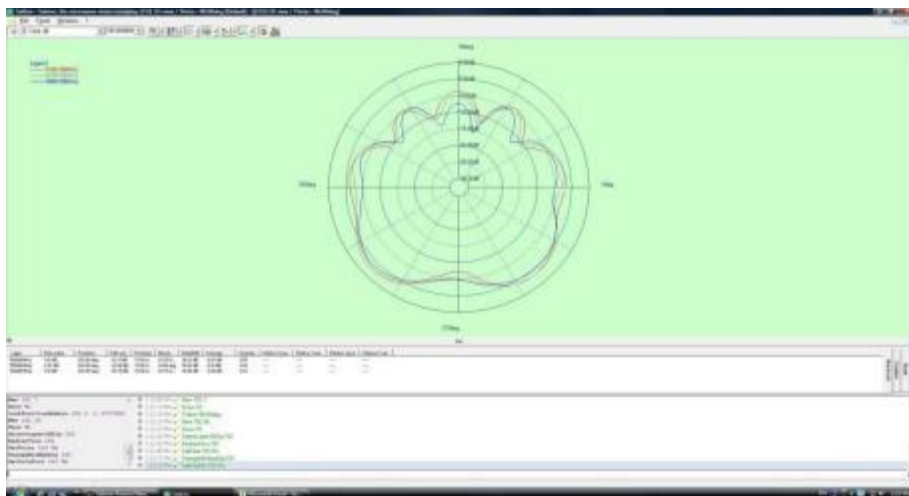
5G
X-Z Plane



Y-Z Plane



X-Y Plane



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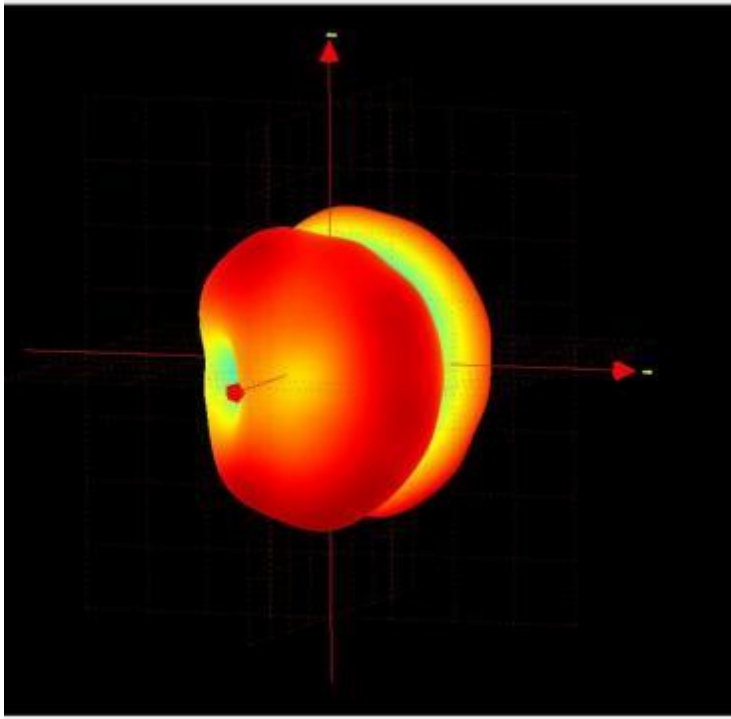
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29485750



3D Radiation Pattern



Frequency (MHz)	5150	5500	5850
Avg. Gain (dBi)	-4.75	-1.61	-1.36
Peck Gain (dBi)	3.87	4.05	3.92
Efficiency (%)	70	76.8	64

4. 天线图片

Antenna picture



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