

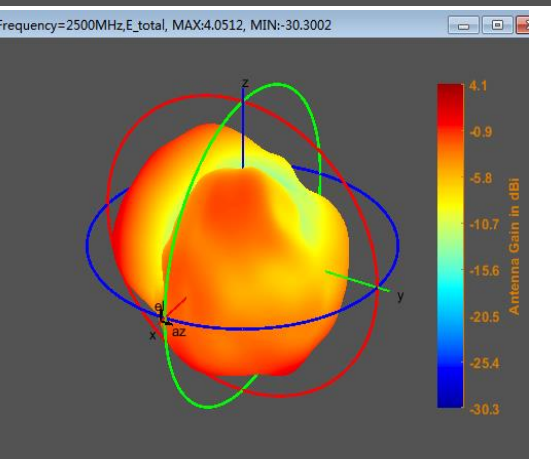
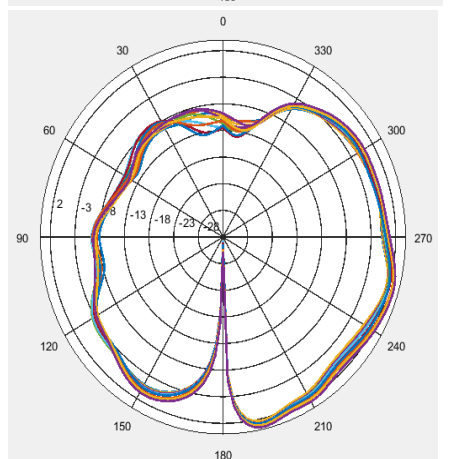
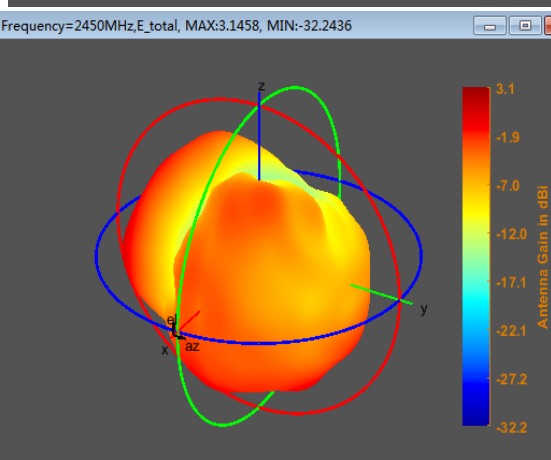
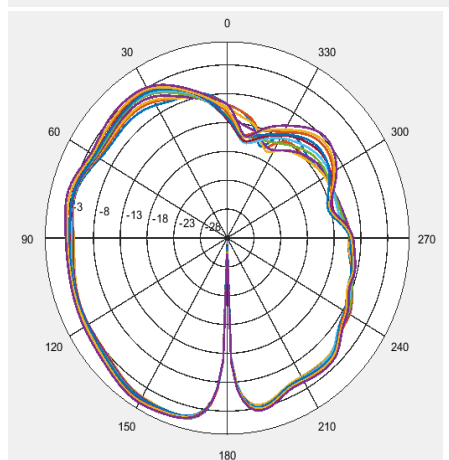
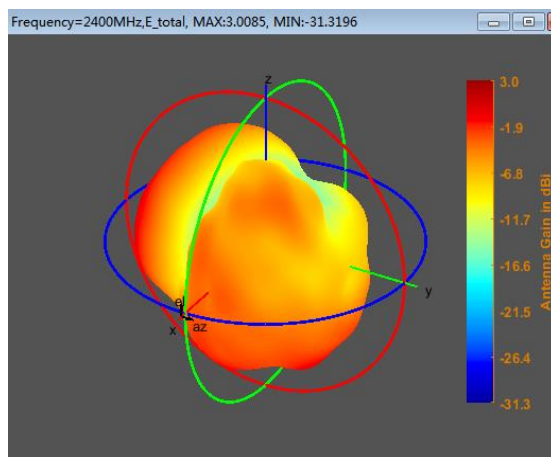
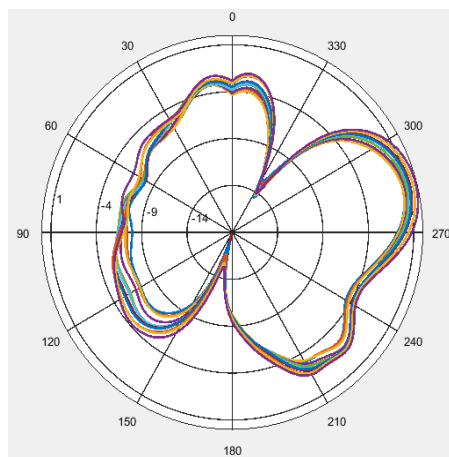
Antenna information

制造商 manufacturer: Shenzhen Tianyuan Huitong Technology Co., Ltd
地址 address: 301, 13 Guishan Road, Caowei community, Hangcheng street, Bao'an District, Shenzhen
天线型号 model: HD0271
天线类型 Antenna installation: FPC Antenna
天线材质 Antenna material: FPC Antenna
天线工作频率 Frequency: 2400-2500MHz

Efficiency and Gain

Frequency (MHz)	Gain(dBi)	Average Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	3.0	-4.1	-4.0	39.6
2410	3.0	-4.0	-4.0	40.1
2420	2.7	-4.1	-4.0	39.4
2430	3.0	-3.9	-3.8	42.1
2440	3.1	-3.7	-3.6	43.7
2450	3.1	-3.7	-3.6	44.1
2460	3.4	-3.5	-3.4	45.8
2470	3.2	-3.6	-3.5	44.8
2480	3.5	-3.2	-3.0	49.8
2490	3.7	-3.1	-3.0	49.9
2500	4.1	-2.8	-2.7	54.3

2/3D

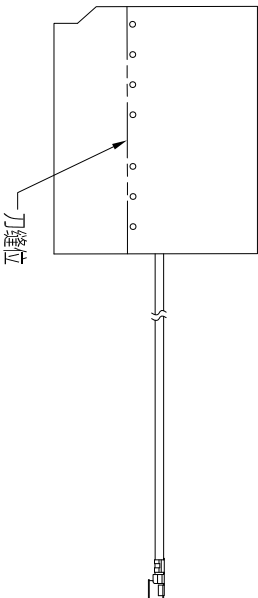
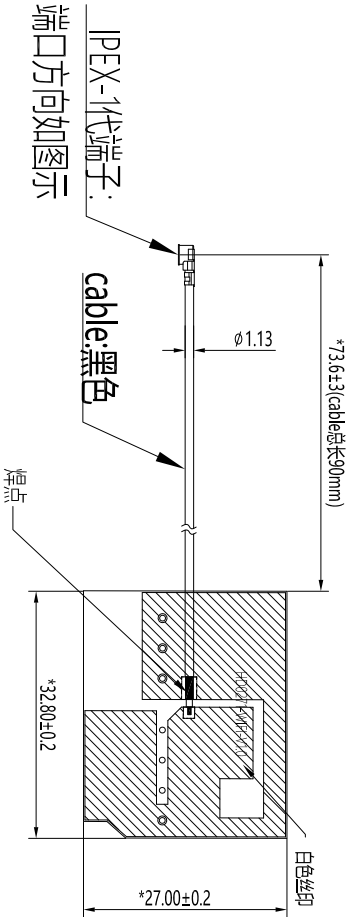


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REVISION	ECO#	DESCRIPTION	AUTHOR	DATE
A		发行图纸		2025-12-18

正面

背面



- 注:
- 1.导线线芯和屏蔽层分别在图中位置焊接
 - 2.焊高度小于3mm(高度重点管控);
 - 3.焊接后端子接口方向按图所示;
 - 4.需通过品质部门要求的各项测试;
 - 5.尺寸要求:

- 5.1. ST尺寸测量最小量为500中选取的任意35个产品的尺寸作cpk分析;
- 5.2. * 尺寸为重点管控尺寸;
- 6.首批样品随机挑选5pcs做全尺寸测量, 报告及样品需转送品质部;
- 7.任何用料上的修改必须通过工程部门的书面同意;
- 8.产品必须符合EU DIRECTIVE 2011/65/EU (RoHS2.0)的要求,及无卤素要求;

FPC公差要求:				THIRD ANGLE PROJECTION				昆山英淋科电子有限公司			
外形公差	±0.15	穿孔外形公差	±0.10	UNIT	SCALE	SIZE	DATE	PROJECT NAME:	PART NAME:	PART No:	HD0271-WIFI-ANT-ASM
线路公差	±0.05	孔对孔位置公差	±0.10	MM	1,000	A4		DESIGN:	HD0271		
线路到外形公差	±0.15	孔到外形位置公差	±0.15					REF:			
								CHECK:			
								NUMBER OF SHEETS	1 of 1	VERSION	A
								RELEASE DATE:			