



深圳市雨盛通讯电子有限公司

Shenzhen Yu Sheng Communications Electronics co., LTD

TEL: +86 0755-28640107

FAX: +86 755 28694967

承认书 APPROVAL

版本: A1

客 户
CUSTOMER:

品 名 规 格
DESCRIPTION: 真天线 **2.4-5.8G** 扁形 **99** 白色天线-**IPEX** 出线 **200mm**

料 号
PART NO.: YS030-0128

客 户 料 号
CUS PART NO.:

日 期
D A T E: 2023-4-3

呈样签章:

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT

客户承认签章 :

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

※ 客户确认样品附意栏:



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电器技术参数

电 性 能 指 标		Electrical Specifications	
频率范围	2400/5800MHZ	Frequency Range	2400/5800MHZ
电压驻波比	≤2.0	VSWR	≤2.0
增益	4.47DBI	GAIN	4.47DBI
输入阻抗	50 Ω	Input Impedance	50 Ω
机 械 指 标		Mechanical Specifications	
天线颜色	白色	Antenna Color	WHITE
接口形式	IPEX	Input connector	IPEX
天线长度	200mm	Cable length	200mm
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%



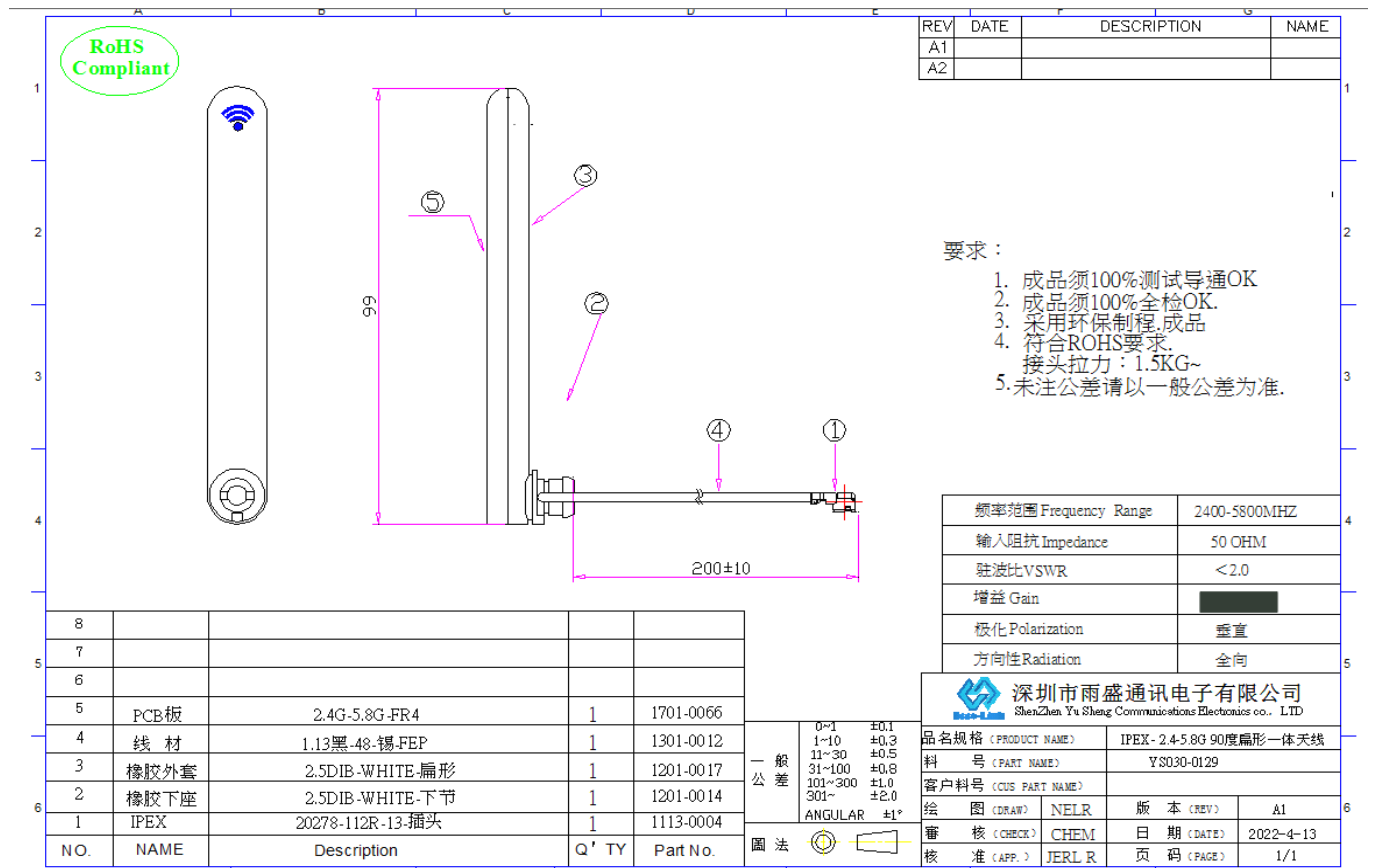
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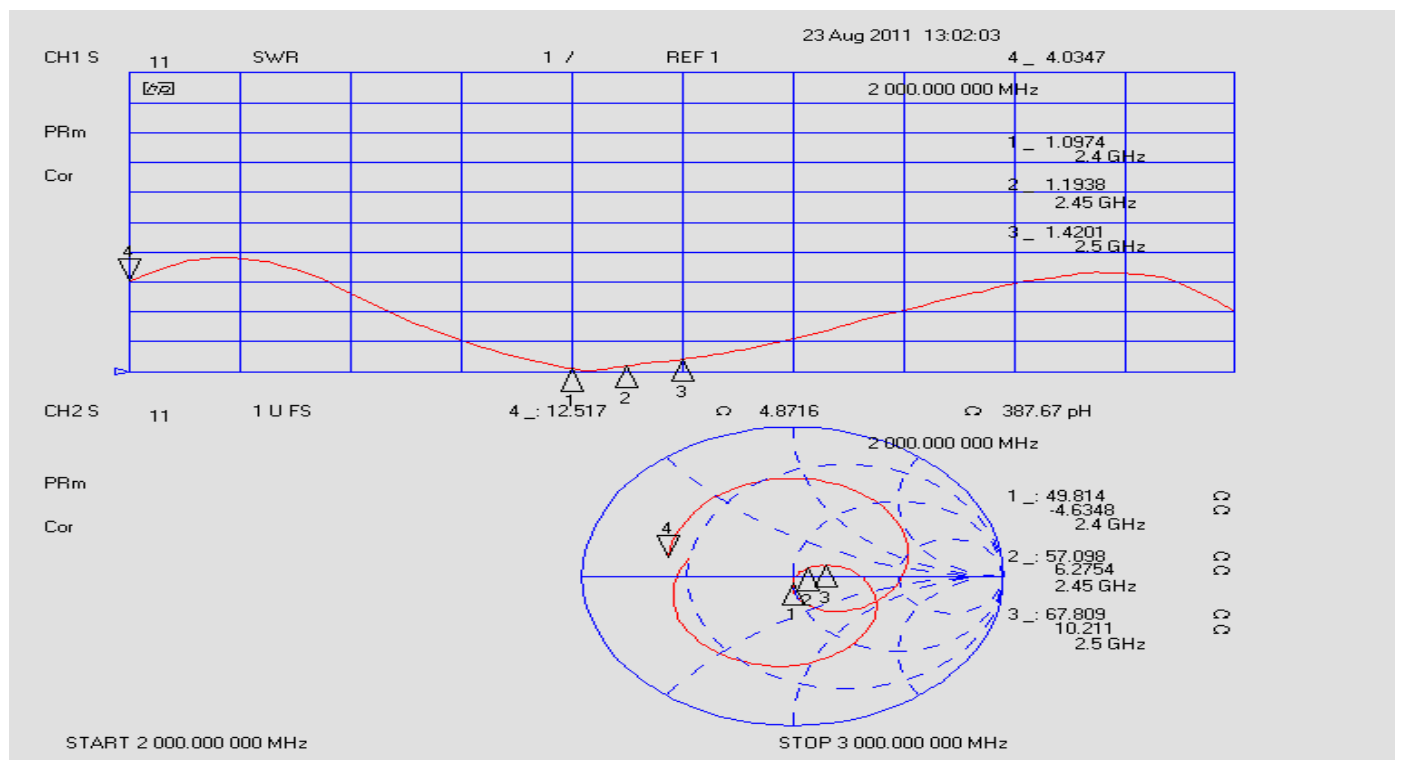
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工程图



网络分析测试:

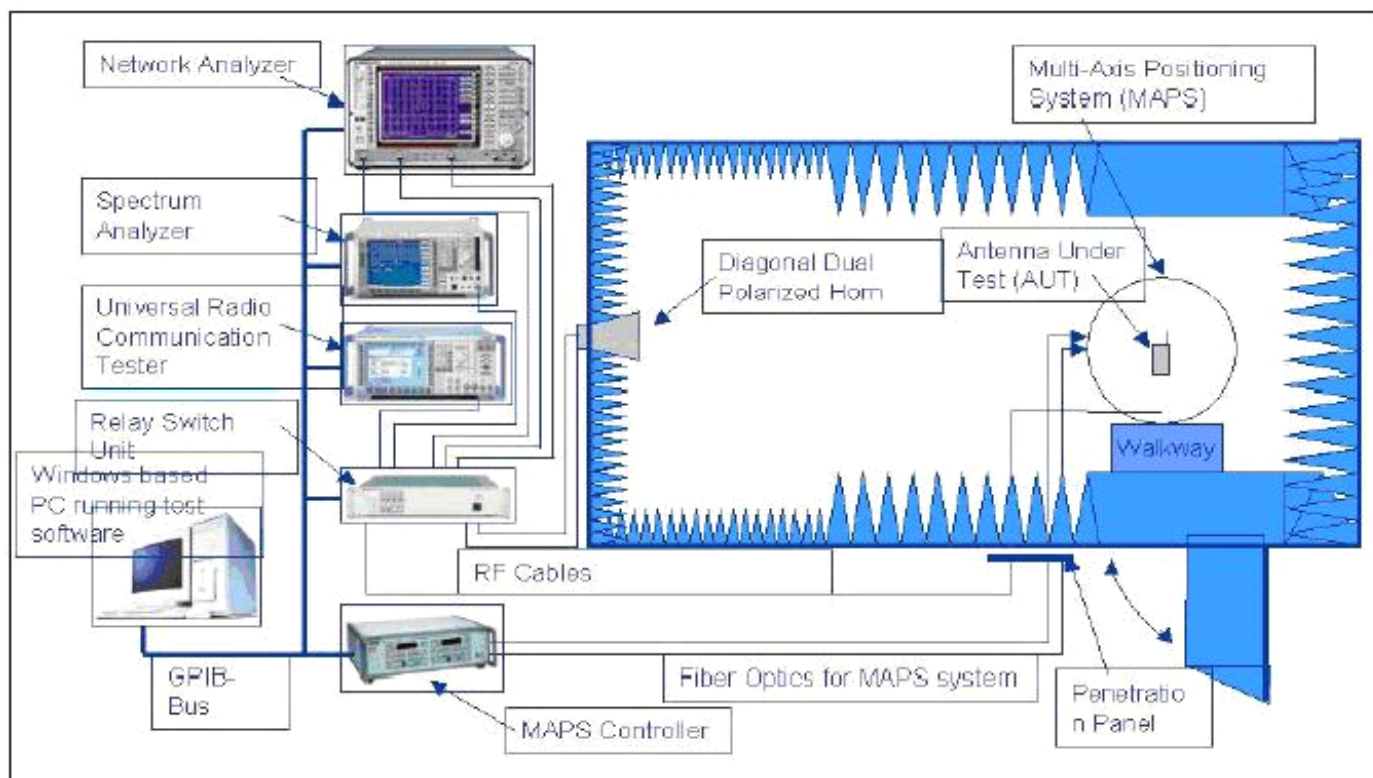
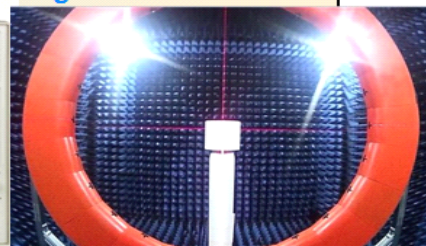
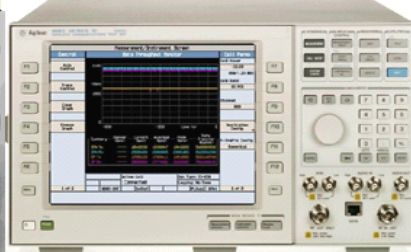


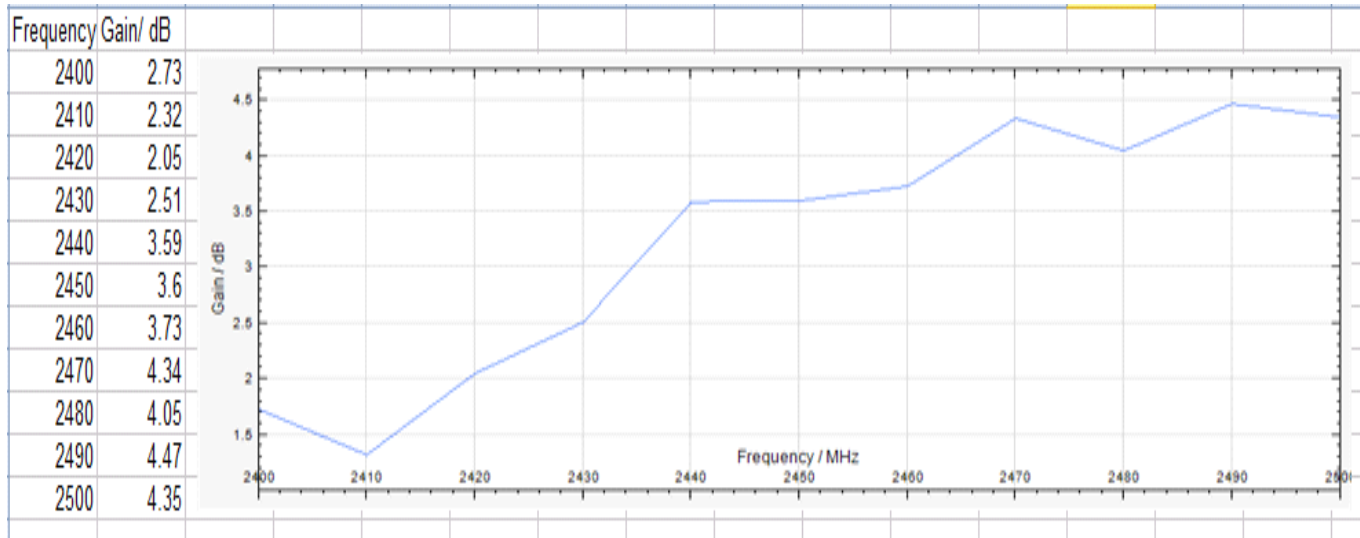
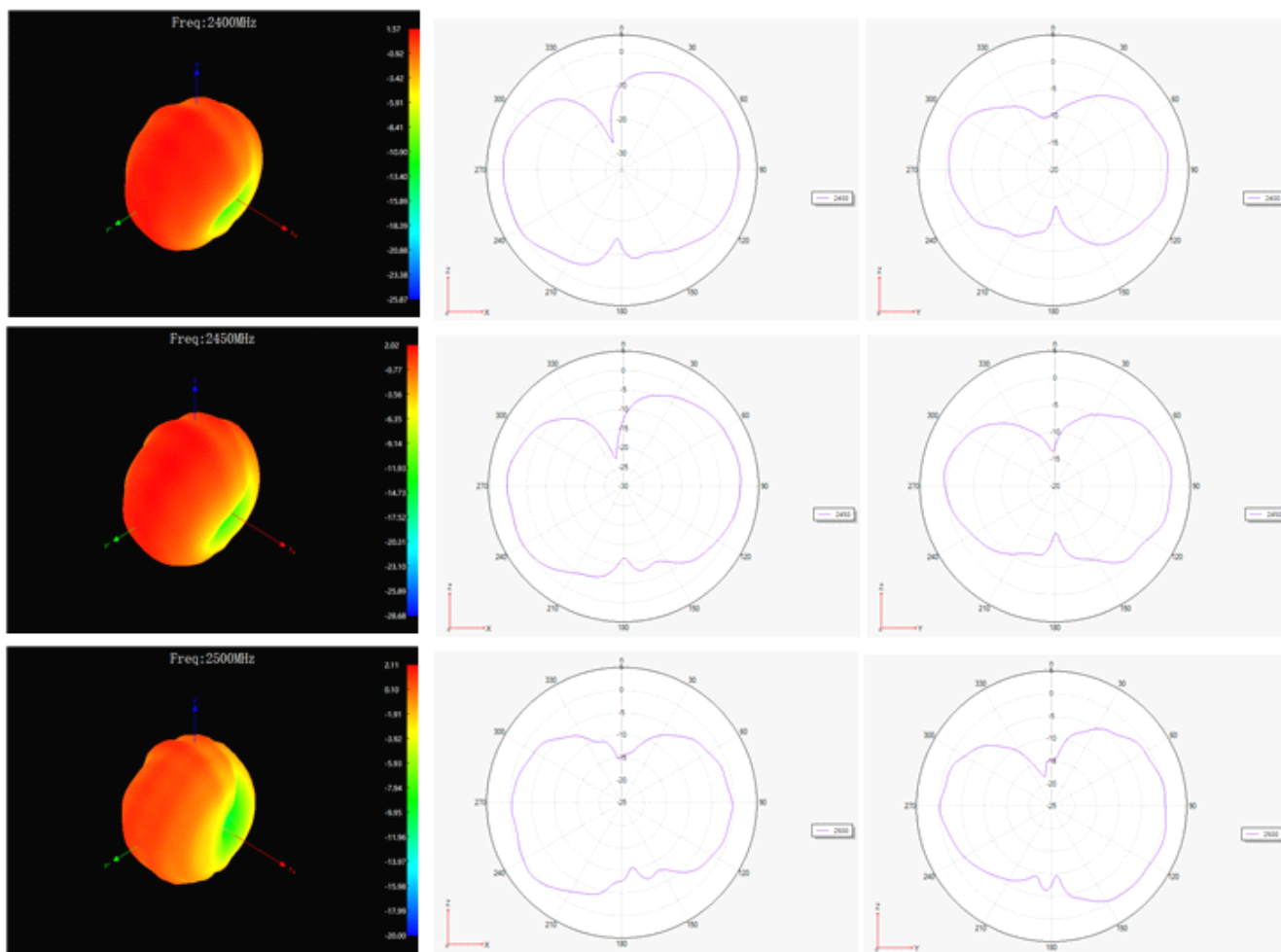
工厂地址: 深圳市龙岗区横岗镇坳背一村坳西路 102 号 3-4 楼

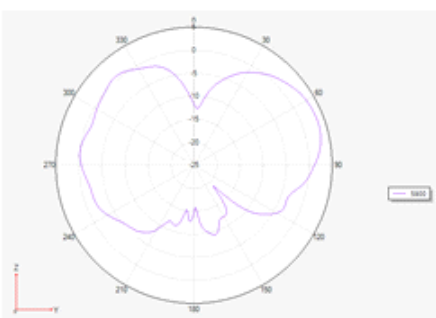
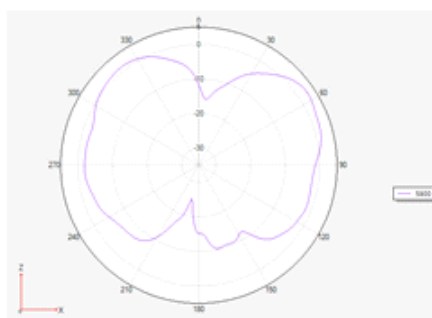
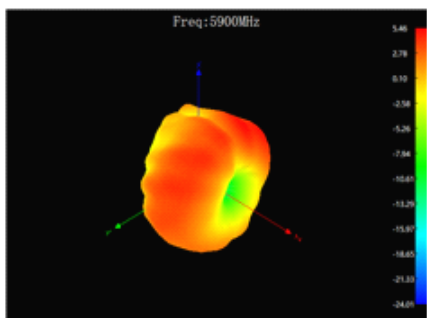
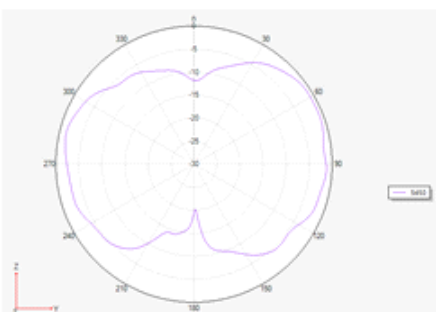
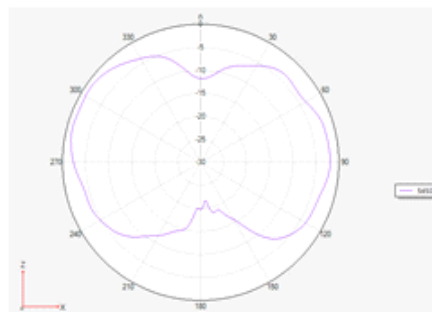
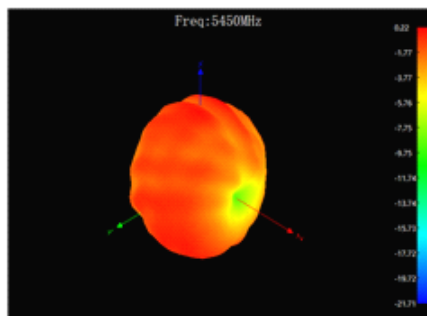
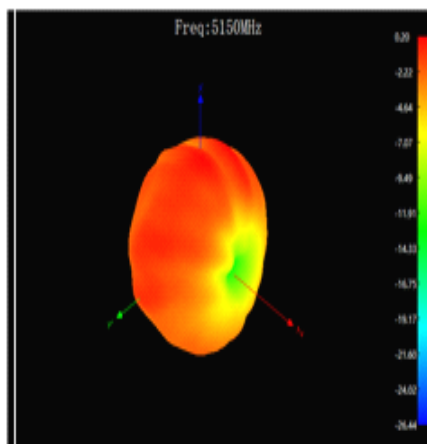
增益测试(DBI-TEST):

• 测试项目与设备

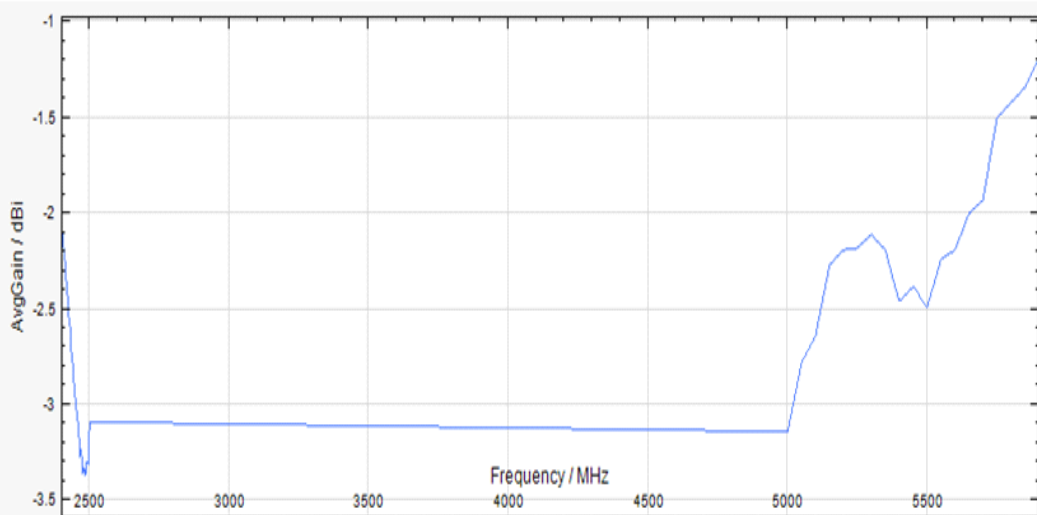
	测试项目	设备
1. S参数	1. 回波损耗 2. 驻波比	网络分析仪: Agilent E5071B
2. 耦合功率测试	1. 发射功率 2. 接收灵敏度	GSM 测试仪: Agilent 8960 E5515C LTE /WIFI/BT测试仪: R&S CMW500
3. 辐射模式与增益	1. 辐射模式 2. 天线增益	1. 暗室: 8x4x4 m (3D) 2. 网络分析仪: Agilent E5071B







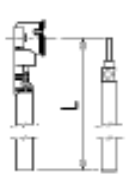
Frequency/MaxGain/dBi	AvgGain/dBi
5000	1.04 -3.14
5050	1.28 -2.78
5100	1.11 -2.64
5150	1.16 -2.27
5200	1.11 -2.19
5250	1.13 -2.18
5300	2.18 -2.11
5350	2.71 -2.19
5400	3.06 -2.46
5450	3.41 -2.38
5500	3.69 -2.49
5550	3.88 -2.24
5600	4.08 -2.19
5650	4 -2
5700	4.23 -1.93
5750	4.19 -1.5
5800	4.43 -1.42
5850	3.89 -1.34
5900	4.44 -1.19



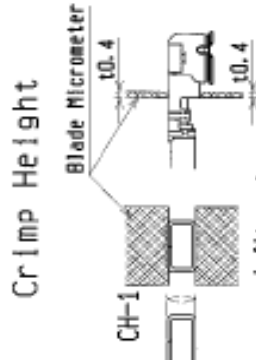
[illegible]

Part No. of non halogen free type		20278-101R-08	20278-111R-08	20278-101R-13	20278-111R-13	20278-101R-32	20278-111R-32	20278-101R-18	20278-111R-18
Part No. of halogen free type		20278-102R-08	20278-112R-08	20278-102R-13	20278-112R-13	20278-102R-32	20278-112R-32	20278-102R-18	20278-112R-18
Housing color		White	White	Black	Black	Black	Black	White	White
Applicable cable nominal dimension		2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1	2.09±0.1 1.25±0.1 1.16±0.1
Jacket		Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating	Outer conductor silver or tin plating
Dielectric core		Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating	Inner conductor silver plating
Braid shield of Outer conductor		Single / 1層構造	Single / 1層構造	Single / 1層構造	Single / 1層構造	Double / 2層構造	Double / 2層構造	Single / 1層構造	Single / 1層構造
P/N of hand Tool		90187-008C	90187-013C	90187-032C	90232-018	90187-008C	90187-013C	90187-032C	90232-018
Sect. M-M		1.68	1.12	1.68	1.12	1.68	1.12	1.68	1.12
Sect. L-L		1.72	1.19	1.72	1.19	1.72	1.19	1.72	1.19
Crimp Height		CH-1 CH-2 CH-3	1.34~1.40 0.76~0.84 0.85~0.97	1.34~1.40 1.06~1.14 1.15~1.35	1.34~1.40 1.20~1.30 1.26~1.46	1.34~1.40 1.34~1.40 1.41~1.49	1.34~1.40 1.34~1.40 1.41~1.49	1.34~1.40 1.34~1.40 1.41~1.49	1.34~1.40 1.34~1.40 1.41~1.49

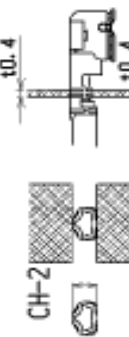
Cable cut length



Crimp Height



1-fit part



Outer conductor part



Jacket part



NOTE-1
中心導体、外部導体への半田コティングは不可
Must not use solder coated
Inner conductor and outer conductor.

工厂地址：深圳市龙岗区横岗镇坳背一村坳西路 102 号 3-4 楼