

Shenzhen Lixinhui Electronics Co., LTD

Antenna Specification Acknowledgment

Antenna Specification for Approval

客户名称

Customer Name: SHANTOU QIJIAN TECHNOLOGY CO.,LTD

产品名称:

Product Name: 2.4G Antenna 35 mm length White

客户型号:

Product Name: A16 MAX

A11,A12,A13,A14,A15,A16,A17,A18,A19,A20,A21,A22,A23,A24,A25,A26,A27,A28,A29,A30,A31,A32,A33,A34,A35,A36,A37,A38,A39,A40,A15PRO,A17PRO,A18MAX,A19PRO,A20PRO,A21PRO,A22PRO,A23PRO,A25PRO,P8,P11,P12,P13,P14,P15,P17,P18,P19,P20,P21,P22,P23,P24,P25,P26,P27,P28,P29,P30,P31,P32,P33,P34,P35,P36,P37,P38,P39,P40,S1,S2,S3,S4,S5,S6,S7,S8,S9,S10,S11,S12,S13,S14,S15,S16,S17,S18,S19,S20,S21,S22,S23,S24,S25,S26,S27,S28,S29,S30,S31,S32,S33,S34,S35,S36,S37,S38,S39,S40,Z101,Z102,Z103,Z104,Z105,Z106,Z107,Z108,Z109,Z110,E58,E88,S98,E99,E100,S118,S119,S135,S155,8S.

产品料号:

Part NO. : C10-35-2.5

制表:

Write By: Miss Zhou

日期:

Issued Date: 2023.12.21

客 户：

工程R&D Dept	采购Business Dept	承认 Approved By

利 信 辉

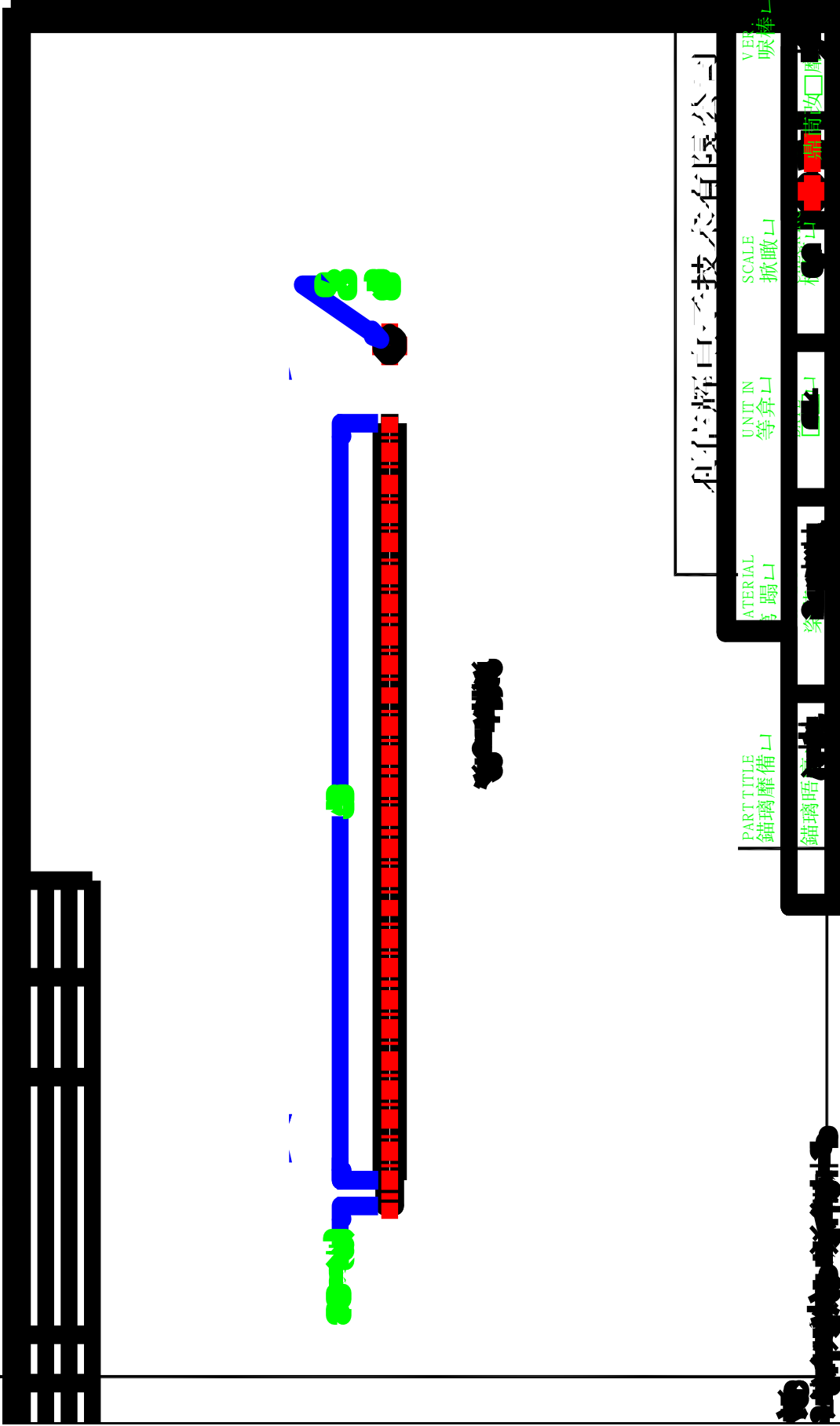
研发R&D Dept	工程 Engineer Dept	审核 Approval

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和信輝自設有限公司

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Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance 50 Ohm

Polarization Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.0 19P白色

Connector Type : NO

Dimension

C. Environmental

Operation Temperature - 30 ℃ ~ + 80 ℃

Storage Temperature - 30 ℃ ~ + 85 ℃

Test Equipment & Conditions

1. Network Analyzers :

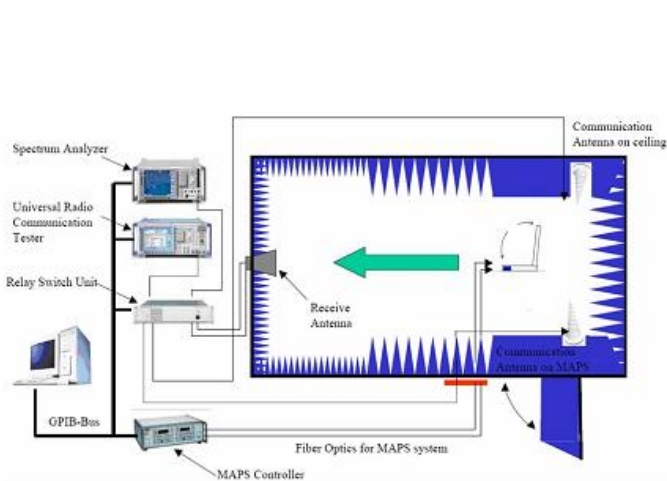
Agilent 8753D 5071B

2. Communications Test Set:

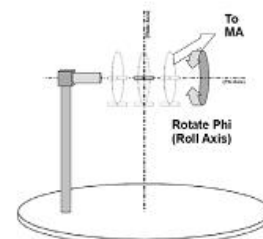
Agilent E5515C

3. 3D Chamber Test System

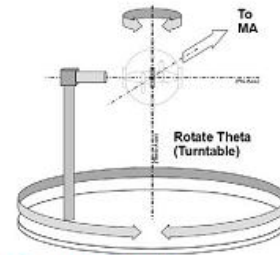
Efficiency &Gain



(Testing by 3D anechoic chamber)



Phi axis test



Theta axis test

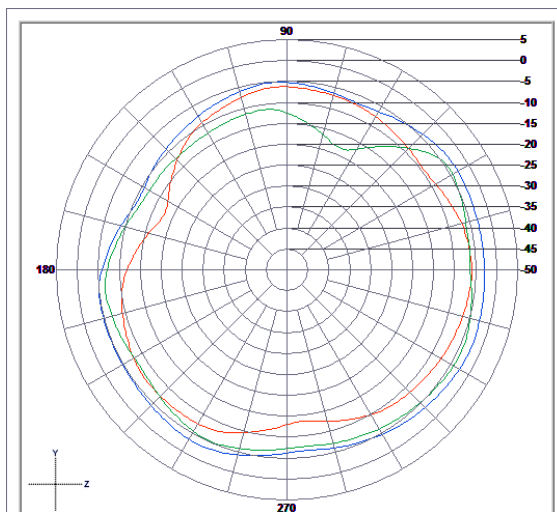
Efficiency &Gain

2.40 -2.17

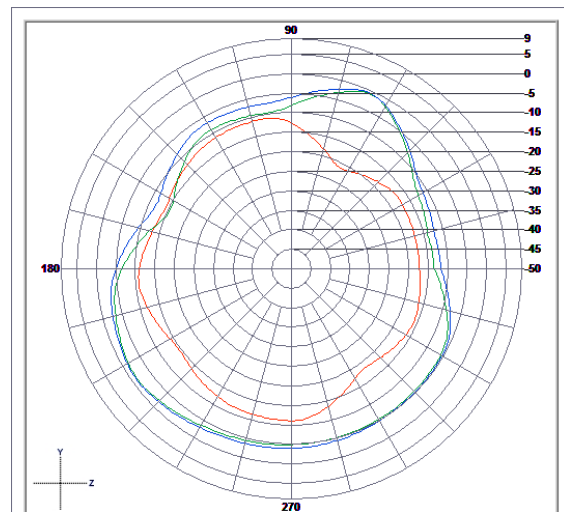
2.440 0.12

2.48 0.17

Radiation Pattern:



	Vertical	Horizontal	Total
Avg. Gain	-8.4	-6.99	-4.63
Peak Gain	-5.48	-3.77	-2.17



	Vertical	Horizontal	Total
Avg. Gain	-13.34	-5.06	-4.46
Peak Gain	-10.3	0.09	0.12

