

天 线 规 格 书

Antenna specification for approval

客户名称: 神牛摄影

Client Name: GODOX Photo Equipment Co.,Ltd.

天线类型: BT天线

Antenna type: BT antenna

材质要求: FPC

Material requirements: FPC

天线料号: F1282A-1D11B-065-A

Antenna part number: F1282A-1D11B-065-A

机型: C5R

Model: C5R

天线频段: 2.4G

Antenna frequency band: 2.4G

颜色: 黑色

Colour: Black

制作日期: 2022-05-10

Production Date: 2022-05-10

Version: A

承 认 签 章

Admit that signature

云 希 承 认 Confirmation Signature		客 户 承 认 Customer Approved	
承辦人 Responsible		承辦人 Responsible	
品质 QC		主管 Chief	
核准 Approve		核准 Approve	
日 期 Date		日 期 Date	

一：概述 / Overview

- This approval sheet supports for MID project. FPC antennas include in this project. This report is for the performance of BT antenna.
- Antenna shape size: Meet the requirement of MID
- Antenna band: 2400MHz~2500MHzMHz
- Antenna material: Antenna material meet the requirement of MID
- Adhesive performance: Adhesive performance meet the requirement of MID
- Antenna performance meet the spec below:

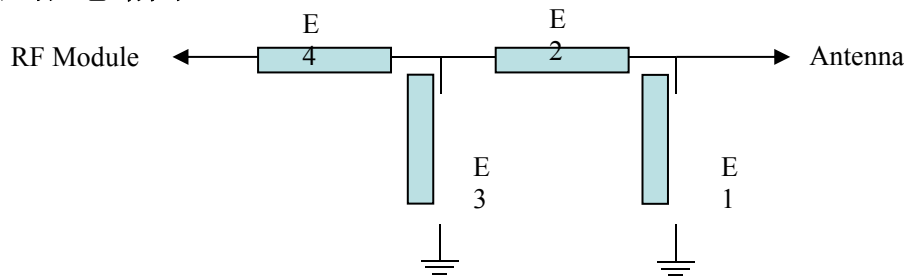
Description	2.4GHz~2.5GHz	Units
VSWR	≤ 2.0	
Average Antenna Gain	≥ -4.5	dB
Antenna Efficiency	≥ 40	%
Feed Impedance	50 ohms	
Operating Temperature	-40 to +85 deg C	
Polarization / Azimuth	Linear / Omni-directional	

● Mechanical Information

Mechanical Dimension	
Cable Length	65mm/Black
Description	BT antenna
Material	FPC
Coaxial Cable	50Ohm/O.D.1.13mm
Environmental	
Operation Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C

二：匹配电路图、机器图片、天线图片 / Matching circuit diagram, machine picture, antenna picture

2.1匹配电路图 Matching circuit diagram



三：驻波比（VSWR）、效率 / Standing Wave Ratio (VSWR), Efficiency

3.1 驻波比 / standing wave ratio



3.2 效率、增益 / Efficiency, gain

Passive Test For WIFI2.4											
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHS (%)	Max (dB)	Min (dB)	Attenuat Hor	Attenuat Ver	
2400	62.73	-0.82	3.07	0.92	35.72	47.013	3.07	-16.96	49.08	49.18	
2410	63.53	-0.78	3.08	0.93	36.171	47.363	3.08	-16.67	49.16	49.32	
2420	70.35	-0.44	3.65	1.5	39.289	51.061	3.65	-16.55	49.39	49.91	
2430	70.79	-0.42	3.68	1.53	39.557	51.234	3.68	-16.69	49.38	49.71	
2440	73.15	-0.31	3.83	1.68	40.912	52.242	3.83	-16.81	49.49	49.65	
2450	74.96	-0.22	3.85	1.7	42.285	52.675	3.85	-17.1	49.73	49.82	
2460	77	-0.13	3.97	1.82	43.859	53.14	3.97	-17.27	49.61	49.88	
2470	75.3	-0.21	3.72	1.57	43.775	51.523	3.72	-17.54	49.62	49.8	
2480	79.21	-0.03	3.88	1.73	46.147	53.06	3.88	-17.7	49.77	49.77	
2490	78.06	-0.09	3.77	1.62	46.187	51.869	3.77	-18.23	49.97	49.86	
2500	78.82	-0.05	3.93	1.78	47.007	51.813	3.93	-19.02	49.87	49.77	

