Shenzhen Yishengbang Technology Co., LTD

SPECIFICATION FOR APPROVAL

The name of the company: Mobos Technology Co., LTD

The material code: _____

specifications: _____

Admitted to date: _____

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier standard type number: SLK-BS-B2DB-RP-SMA

Admit signature					
For acceptance by the contractor			Mobos Technology Co., LTD		
Rf Engineer	quality department	Structural engineer	The engineer	The reviewer	approved
Shi lian Chen	Jie xing Chen	Qiu jiang Liu			
approved	Meicai Lin		Signed and sealed		
date	2020-9-8		date		
instructions: ☐accept ☐Conditional acceptance					
note:					

The name of the supplier: Shenzhen Yishengbang Technology Co., LTD

Supplier address: 101, Building C, Shenzhen Qianwan Hard Technology Industrial Park, Bao 'an District, Shenzhen

Telephone: 13728663272

2.4G

1. Explanation of Product number :

S L K - B S - B 2 D B - R P - S M A

1 2 3

Product Code:
(1) Customer:
BS: Mobos
(2) Antenna Name:
B2DB: Black2DB
(3) Connector:
RP-SMA: RP-SMA

2. Features

*Stable and reliable in performances
*Compact size
*RoHS compliance

3. Applications

*2.4G

4. Description

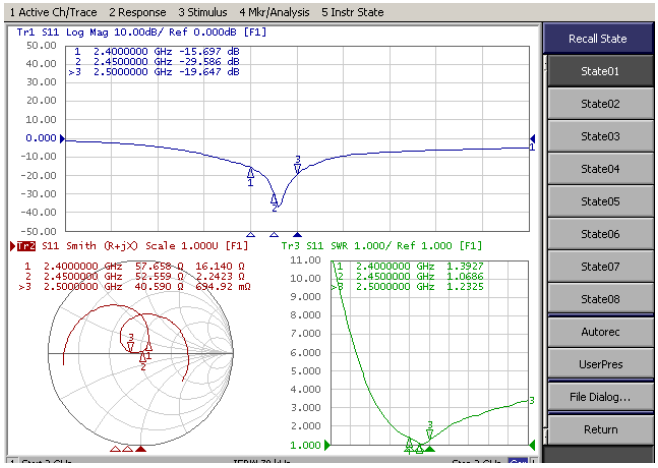
Holy bond's External antenna series are specially designed for 2.4G applications. Based on Holy bond's proprietary design and processes, this External antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

5-1

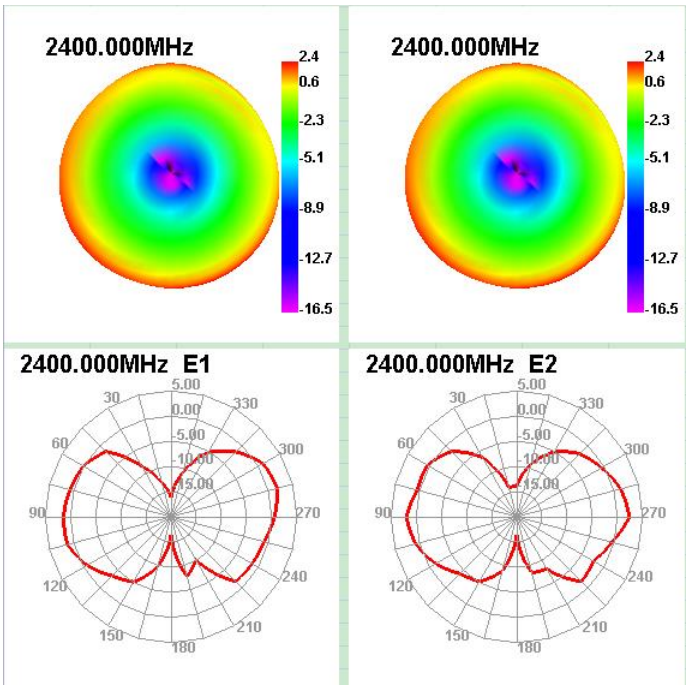
Main technical specifications	
Frequency Range (MHZ)	2400-2500
Impedance(Ω)	50
Gain(dBi)	2±0.5
VSWR	≦1.92
Admitted Power	10W
Polarization	Vertical
Radiation	Omni-directional
Connector Type	RP-SMA male needle
Physical Properties	
Antenna cover	TPEE
Operating Temp	-20℃~+70℃
Storage Temp	-20℃~+70℃

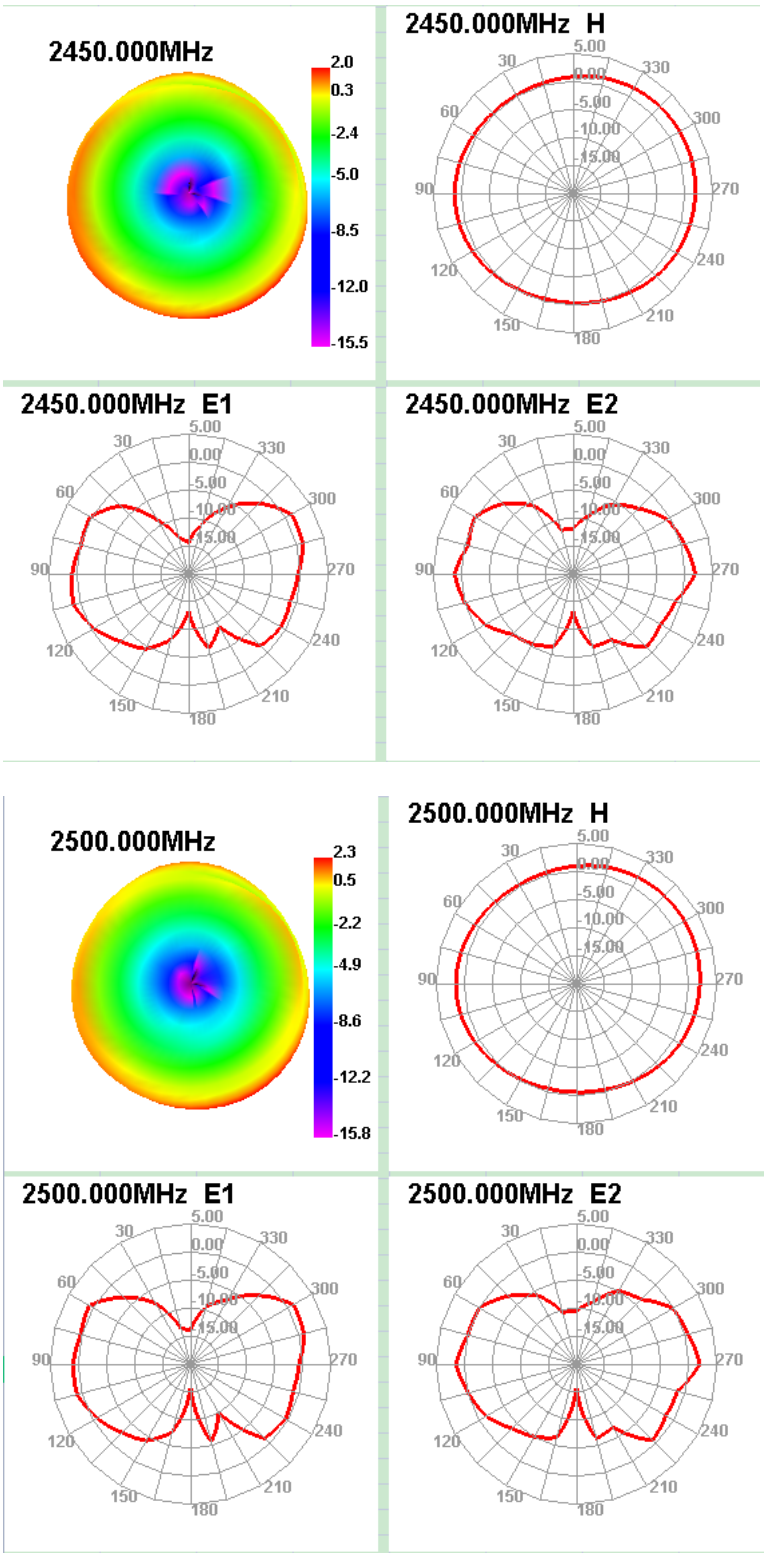
5-2.VSWR/S11/Smith



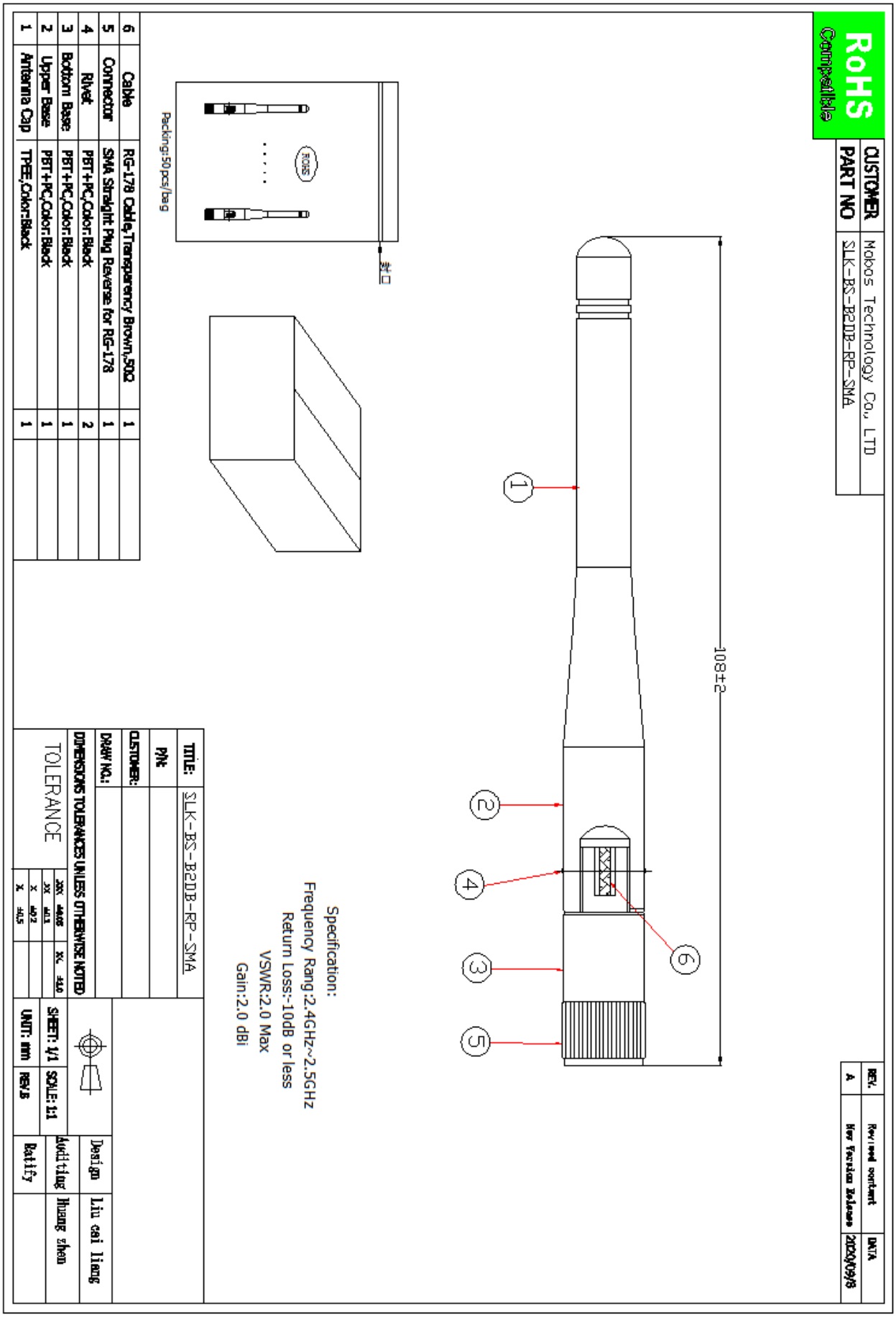
5-3. Antenna Gain/Efficiency/Radiation Pattern of 3D

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	83.72	-0.77	2.44
2410	83.71	-0.77	2.57
2420	79.73	-0.98	2.37
2430	78.6	-1.05	2.31
2440	75.97	-1.19	2.08
2450	76.62	-1.16	2.02
2460	73.26	-1.35	1.8
2470	76.13	-1.18	2.01
2480	76.87	-1.14	2.12
2490	82.29	-0.85	2.44
2500	78.06	-1.08	2.25




2450.000MHz
2.0
0.3
-2.4
-5.0
-8.5
-12.0
-15.5
2450.000MHz H
2450.000MHz E1
2450.000MHz E2
2500.000MHz
2.3
0.5
-2.2
-4.9
-8.6
-12.2
-15.8
2500.000MHz H
2500.000MHz E1
2500.000MHz E2

6. Antenna Dimensions (unit: mm)



7. Packing

Packaging examples

Customer：	Product：	Color: Black
Customer part number：	P/N：SLK-HKC-B2DB	DATA：2020.7.15

Remarks: Inner packaging: 50PCS per package

Outer packaging: Carton size 380X380X180MM, 2400PCS per box.

There may be differences in the size of the cardboard boxes based on the actual order quantity.

Create different inner and outer packaging labels according to different customers.

Engineering Department： Chen Shilian	Quality Department： Wang Xinyuan	Approval：