

GLOBAL EAST ASIA(HongKong) TECHNOLOGY CO.,LTD

SPECIFICATION FOR APPROVAL

CUSTOMER: Internet of Things Limited

CUSTOMER NO: _____

PART NAME: GNSS PASSIVE ANTENNA

SUPPLIER NO: GL-DY008

Date: 2024-10-25

Q'TY: 2 PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
Jammy	Jerry	Patrick

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Product Outline



Add: Room 826, Block B,BLDG 18, University Science Park(East), Zhengzhou City,P.R.Henan,China.

Zip Code: 450051

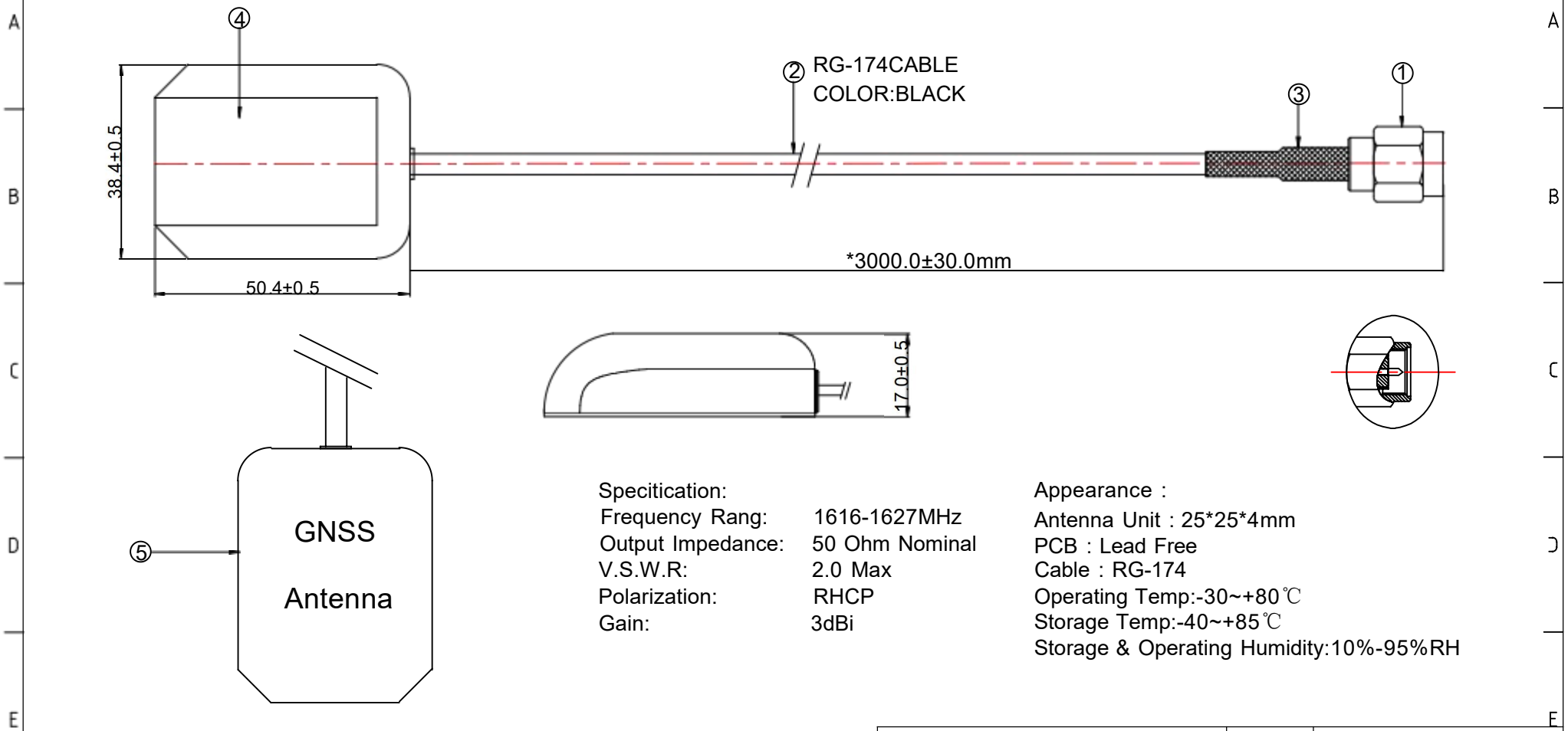
Tel: 86-371-60911368 **Email:** sales@global-antenna.com **Web:** <https://www.asialeren.com>

Ceramic patch antenna specification

Frequency	1616-1627MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0Max
Polarization	RHCP
Connector	SMA PLUG
Peak Gain	3dBi
Physical Properties	
Antenna Material	Ceramics
Cable Type	RG-174 CABLE
Operating Temp.	-30 ~ +80 °C
Storage Temp.	-40 ~ +85 °C
Cable Color	BLACK
Waterproof level	IP65

RoHS Standard

Rev.	Description	Date
X1	首次发行	2024-10-25



Specitication:

Frequency Rang: 1616-1627MHz
 Output Impedance: 50 Ohm Nominal
 V.S.W.R: 2.0 Max
 Polarization: RHCP
 Gain: 3dBi

Appearance :

Antenna Unit : 25*25*4mm
 PCB : Lead Free
 Cable : RG-174
 Operating Temp:-30~+80 °C
 Storage Temp:-40~+85 °C
 Storage & Operating Humidity:10%-95%RH

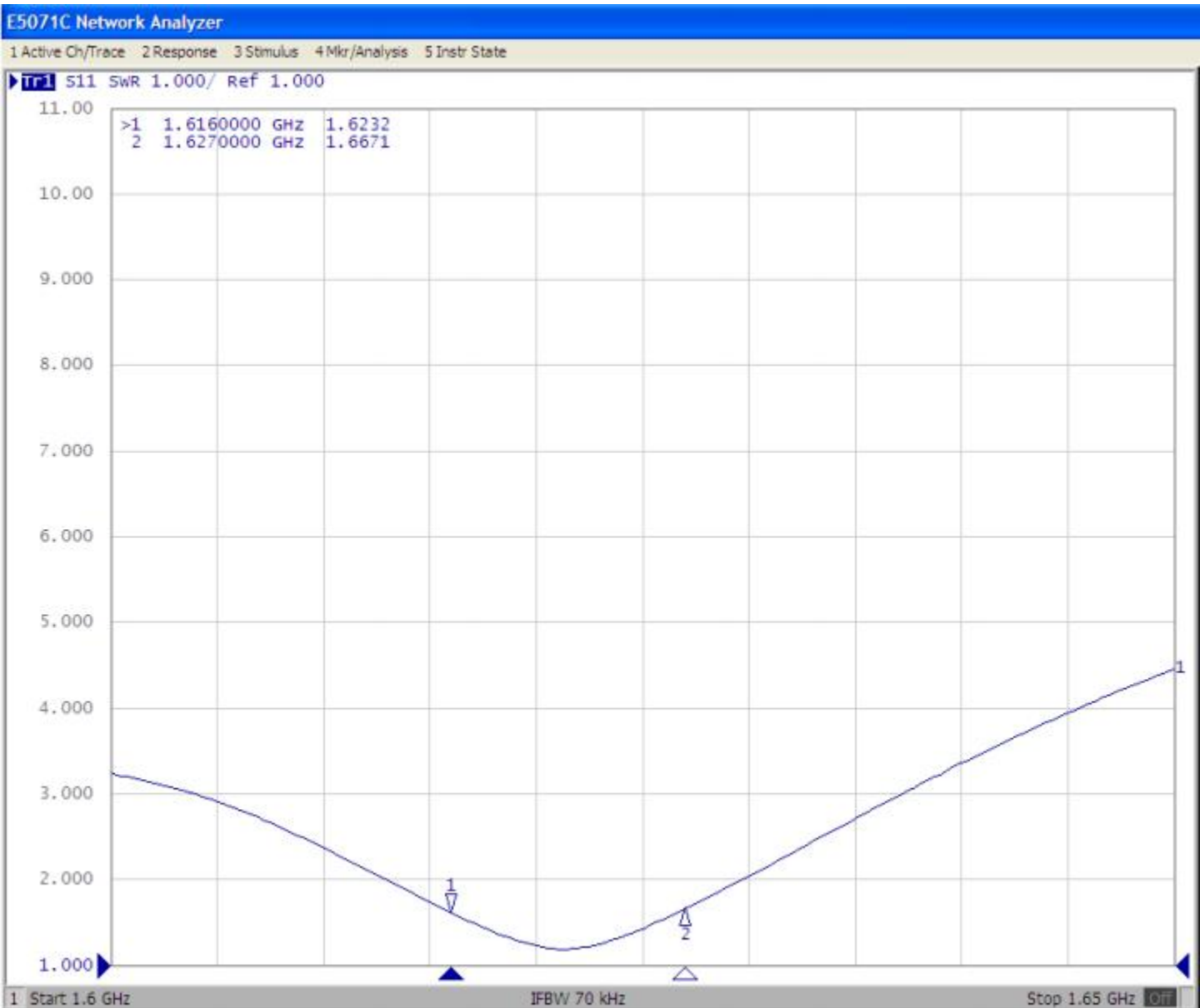
5	LABEL		1PC
4	Plastic cover	GPS antenna plastic cover	1PC
3	TUBE	Heat shrinkable tube Φ 4.0 mm UL/CSA black	1PC
2	CABLE	RG174 Cable, coaxial line (black)	1PC
1	CONN	SMA PLUG FOR RG-174 CABLE	1PC
NO.	Name	Finished	Q'ty
1			
2			
3			
4			

CODE		
PART NO.		
SPEC		GNSS Passive Antenna
SY P/N		SY-GNSS131B003M-L01
APPROVED	CHECKED	DRAWN
Jammy	Patrick	Lee
UNIT:mm	ANGELS ±3°	
PAGE:1-1	X.XXX ±0.1	X.X ±0.5
SCALE:/	X.XX ±0.2	X. ±2.0
		8

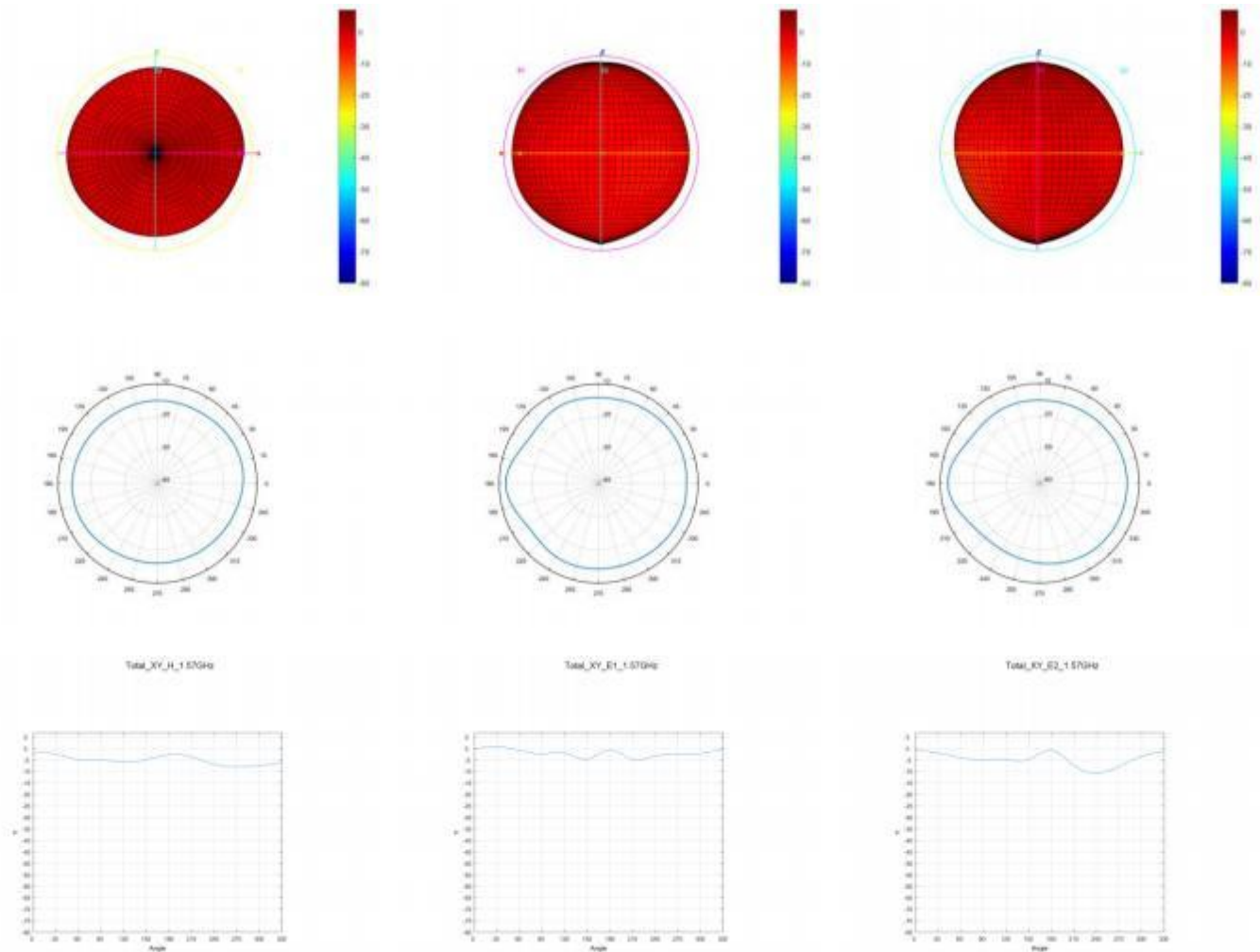
Standard Package

PN:	GL-DY008	Version	A
Item	GNSS Passive Antenna		
Package Steps			
1. Product Picture		2.PCS package	
			
3.XXX PCS 1 carton		4. put in carton and paste label	
			

VSWR Testing



GAIN Testing



Frequency	1.60GHz	1.61GHz	1.62GHz	1.63GHz
Efficiency (%)	63.12	66.3	63.43	63.15
Gain (dBi)	3.01	3.04	3.13	3.02