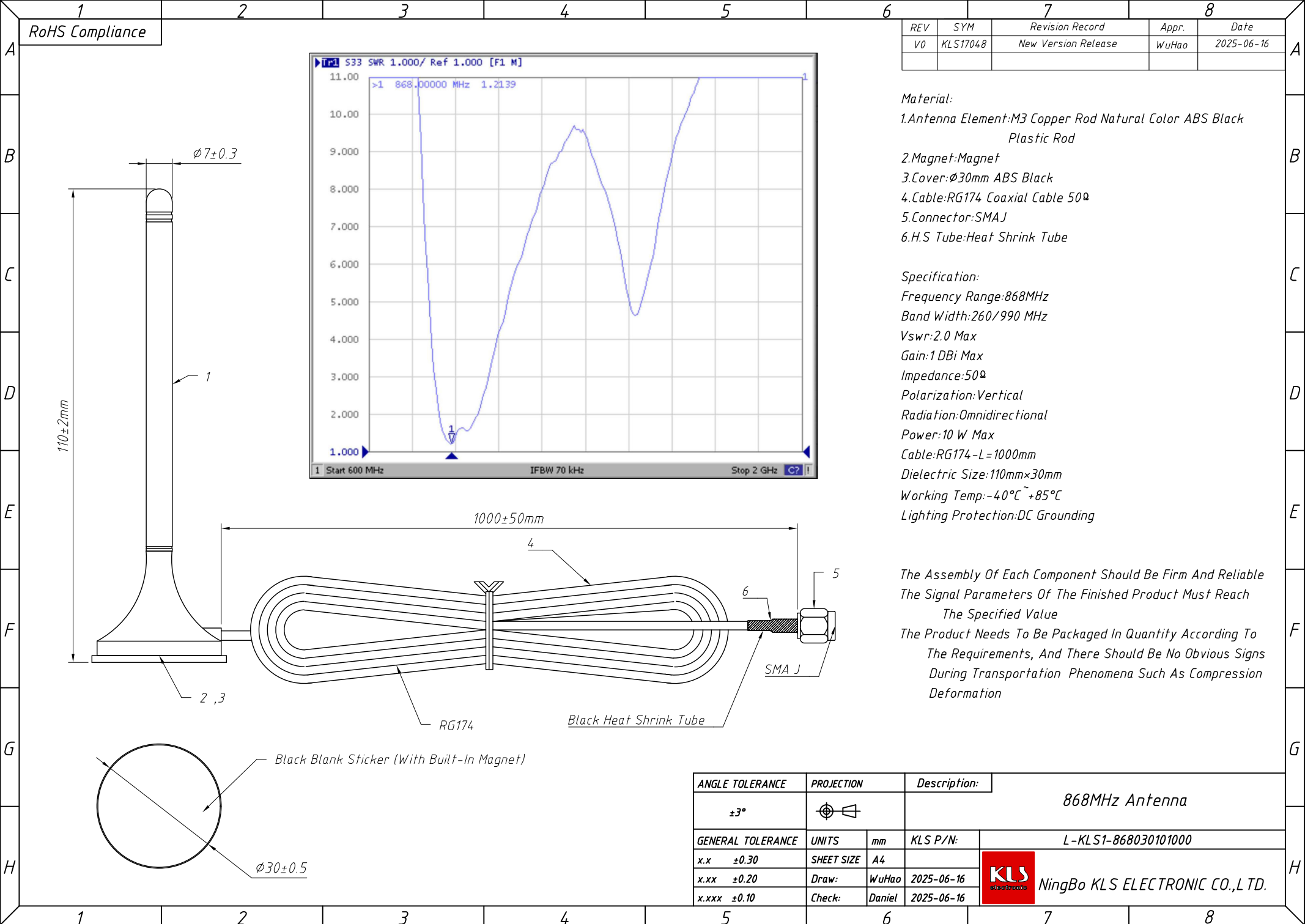




RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS17048	New Version Release	WuHao	2025-06-16

Material:

1.Antenna Element:M3 Copper Rod Natural Color ABS Black Plastic Rod

2.Magnet:Magnet

3.Cover:Ø30mm ABS Black

4.Cable:RG174 Coaxial Cable 50Ω

5.Connector:SMAJ

6.H.S Tube:Heat Shrink Tube

Specification:

Frequency Range:868MHz

Band Width:260/990 MHz

Vswr:2.0 Max

Gain:1 DBi Max

Impedance:50Ω

Polarization:Vertical

Radiation:Omnidirectional

Power:10 W Max

Cable:RG174-L=1000mm

Dielectric Size:110mm×30mm

Working Temp:-40℃~+85℃

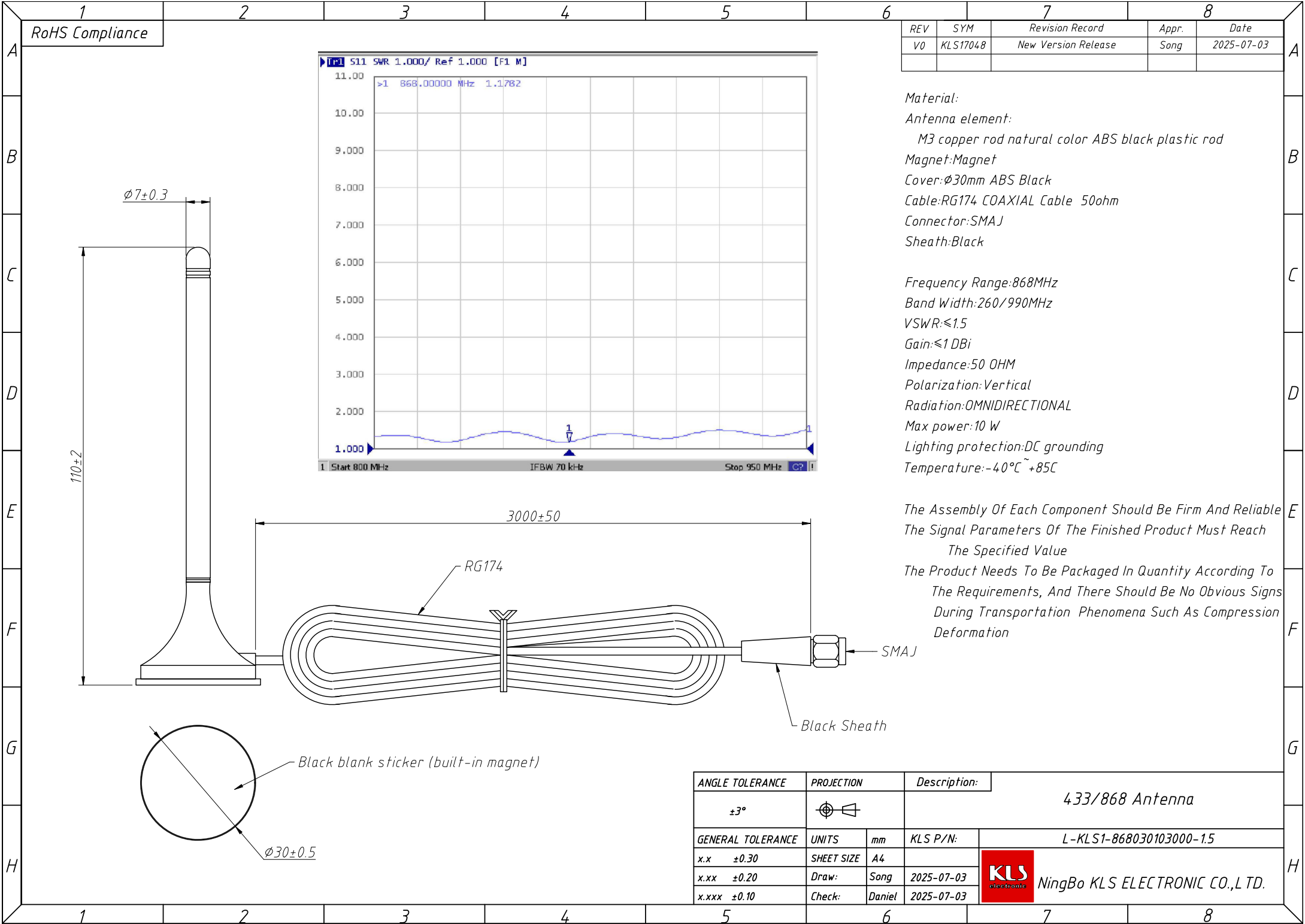
Lighting Protection:DC Grounding

The Assembly Of Each Component Should Be Firm And Reliable

The Signal Parameters Of The Finished Product Must Reach The Specified Value

The Product Needs To Be Packaged In Quantity According To The Requirements, And There Should Be No Obvious Signs During Transportation Phenomena Such As Compression Deformation

ANGLE TOLERANCE	PROJECTION	Description:
±3°		868MHz Antenna
GENERAL TOLERANCE	UNITS	mm
x.x ±0.30	SHEET SIZE	A4
x.xx ±0.20	Draw:	WuHao
x.xxx ±0.10	Check:	Daniel
KLS P/N:		L-KLS1-868030101000
NingBo KLS ELECTRONIC CO.,L TD.		



RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS17048	New Version Release	Song	2025-07-03

Material:
Antenna element:
M3 copper rod natural color ABS black plastic rod
Magnet:Magnet
Cover: $\phi 30$ mm ABS Black
Cable:RG174 COAXIAL Cable 50ohm
Connector:SMAJ
Sheath:Black

Frequency Range:868MHz
Band Width:260/990MHz
VSWR: ≤ 1.5
Gain: ≤ 1 DBi
Impedance:50 OHM
Polarization:Vertical
Radiation:OMNIDIRECTIONAL
Max power:10 W
Lighting protection:DC grounding
Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

The Assembly Of Each Component Should Be Firm And Reliable
The Signal Parameters Of The Finished Product Must Reach
The Specified Value
The Product Needs To Be Packaged In Quantity According To
The Requirements, And There Should Be No Obvious Signs
During Transportation Phenomena Such As Compression
Deformation

ANGLE TOLERANCE	PROJECTION	Description:	433/868 Antenna	
$\pm 3^{\circ}$				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-868030103000-1.5
x.x ± 0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.
x.xx ± 0.20	Draw:	Song	2025-07-03	
x.xxx ± 0.10	Check:	Daniel	2025-07-03	