

## Letter of acceptance

### SPECIFICATION FOR APPROVAL

CUSTOMER NAME: Huapte Technology Shenzhen Co., LTD

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CUSTOMER P/N:

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PRODUCT P/N: H2S54B3D38A

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PRODUCT NAME: External black glue stick antenna

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H2S54B3D38A/2.4G/5.8G-2dBi/External

Description: black glue stick antenna+SMA fe-male head male  
needle

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Address: 12th Floor, West Building 8, Huaqiang  
Creative Industrial Park, Guangguang Road,  
Guangming District, Shenzhen

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Factory signature

SIGN	quality (DQE)	construction (ME)	radio frequency (RF)

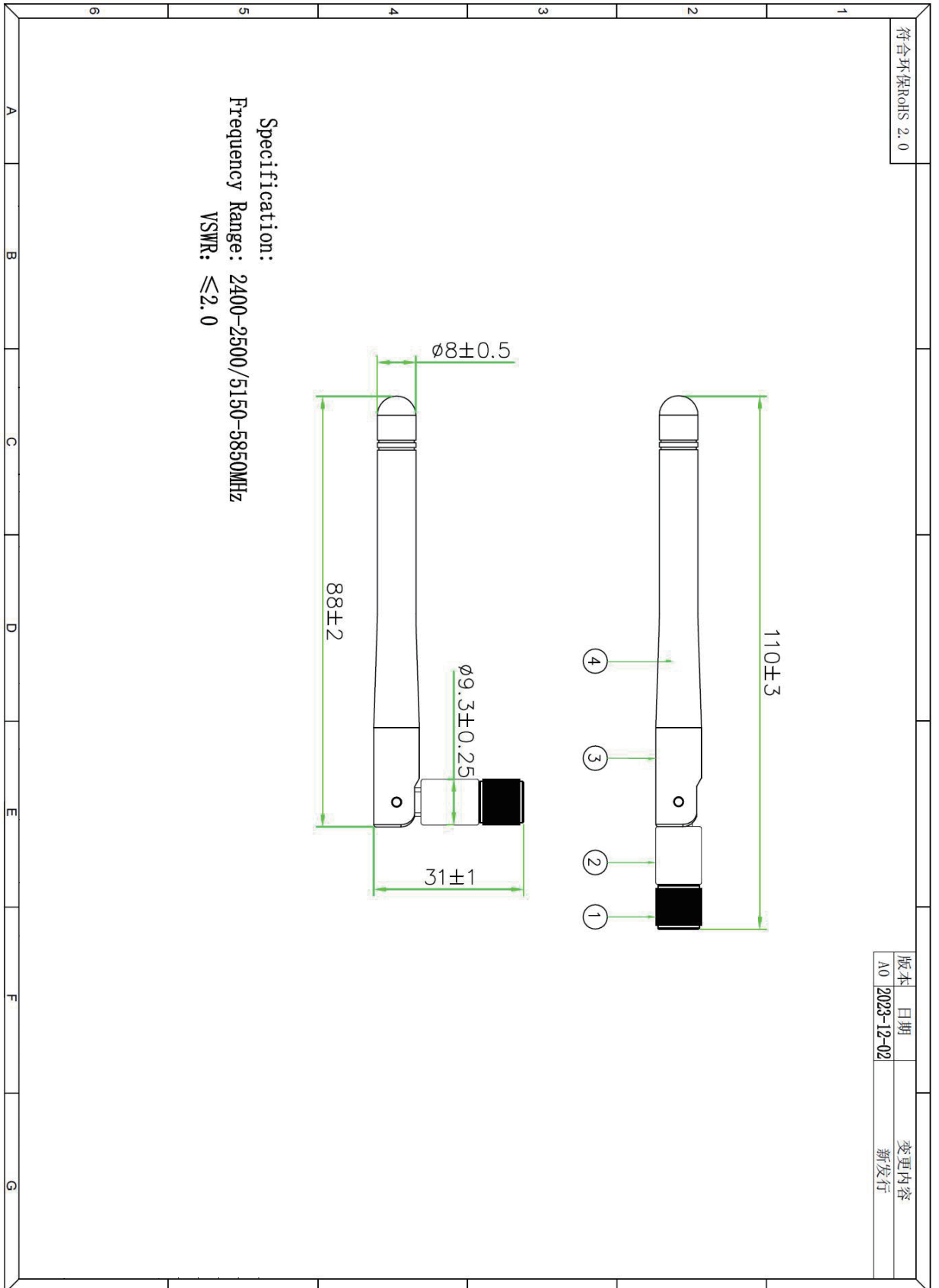
SIGN	project (PM)	construction (ME)	quality (DQE)

## Specification Table:

### Product main technical parameters

Main technical specifications	
Frequency Range (MHZ)	2400-2500/ 5150-5850
Impedance( $\Omega$ )	50
Gain(dBi)	2.0
VSWR	$\leq 2$
Polarization	Linear
Radiation	Omni-directional
Connector Type	SMA
Physical Properties	
Antenna cover	TPEE
Operating Temp	-20°C~+70°C
Storage Temp	-20°C~+60°C

## Product drawing:



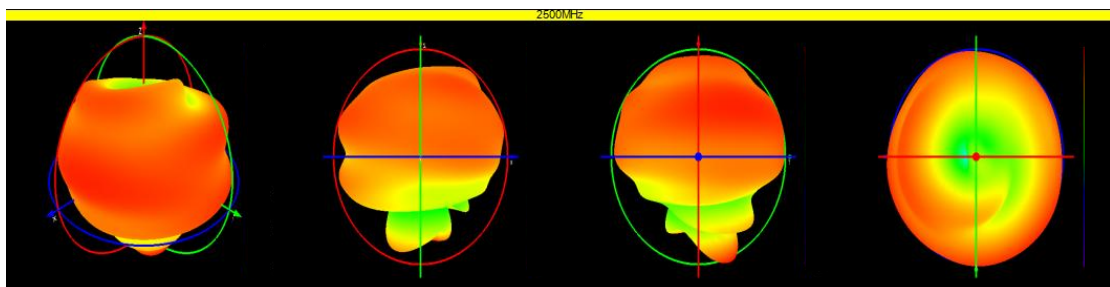
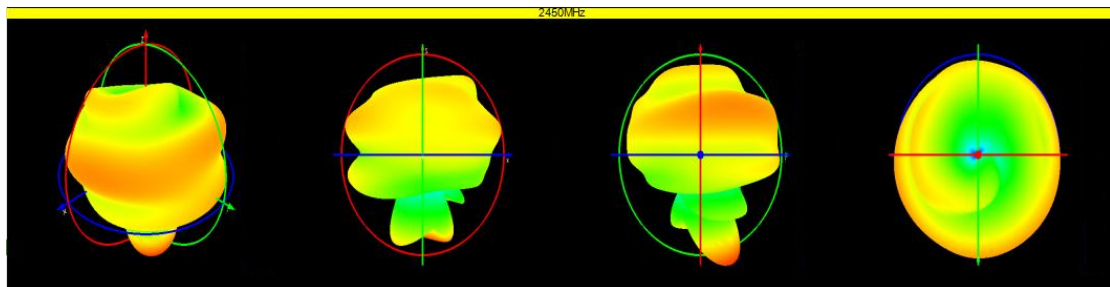
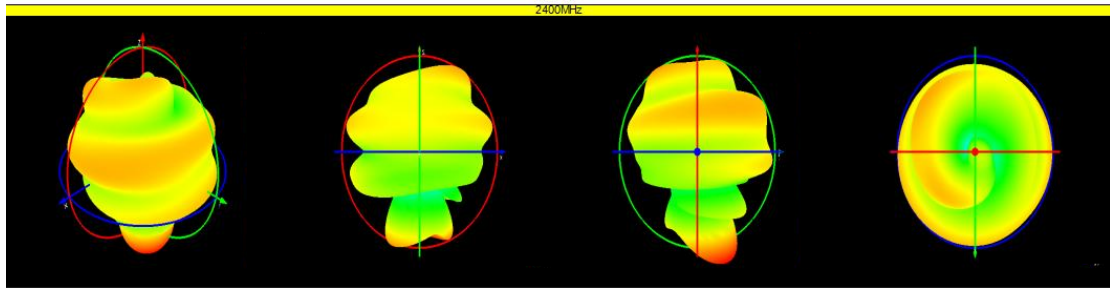
## Test report:

### Network analyzer test report



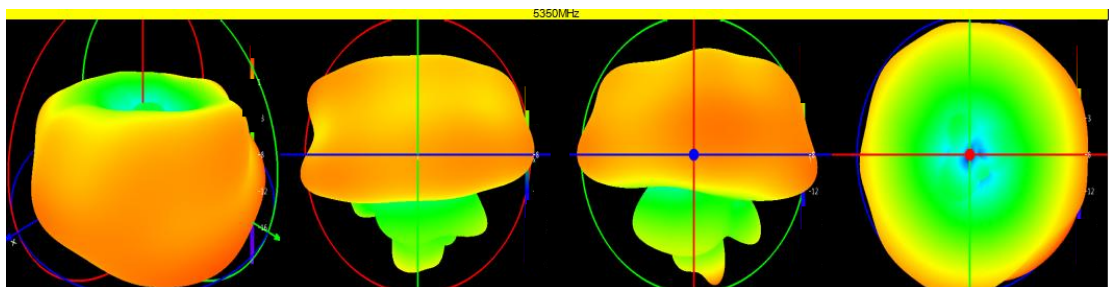
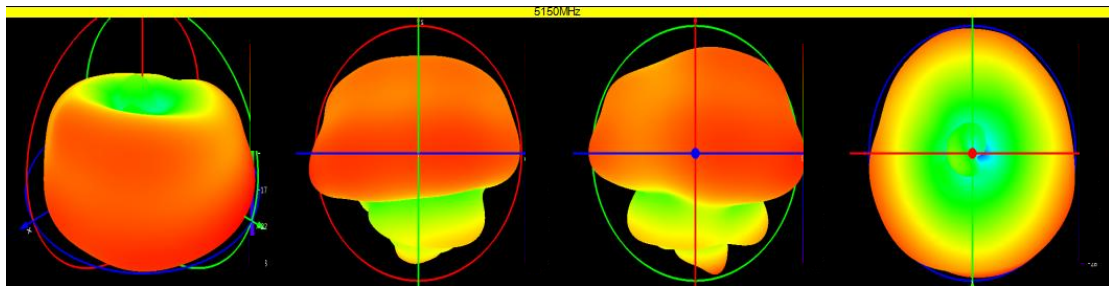
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## Darkroom 2D, 3D Raditation Pattern

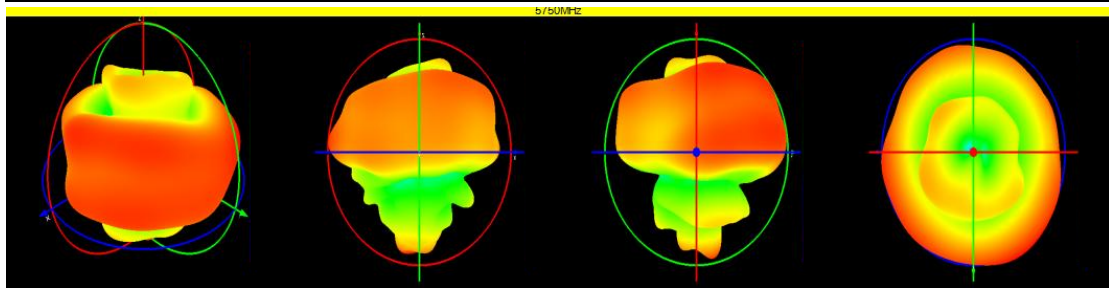


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## Antenna gain and efficiency

Frequency (MHZ)	Gain (dBi)	Efficiency (%)
2400	2.0	83.71
2450	1.7	82.63
2500	1.0	80.25
5150	1.8	71.36
5350	1.7	70.69
5750	1.0	80.09
5850	0.8	72.18



## Product drawing

