

SPECIFICATION FOR APPROVAL

CUSTOMER NAME:

PRODUCT NAME: External antenna,5.8G,5dbi, black blade, black
1.13 feeder, 250mm in length, with IPEX
buckle, first generation
5.8G Gain=5dBi /VSWR $\leq$ 2

CUSTOMER P/N: 2.020.0082-00

ZX P/N: REV: A

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
CHECKED BY:	Andy	
APPROVED BY:		
DATE:	2025-5-20	

Contents

Item

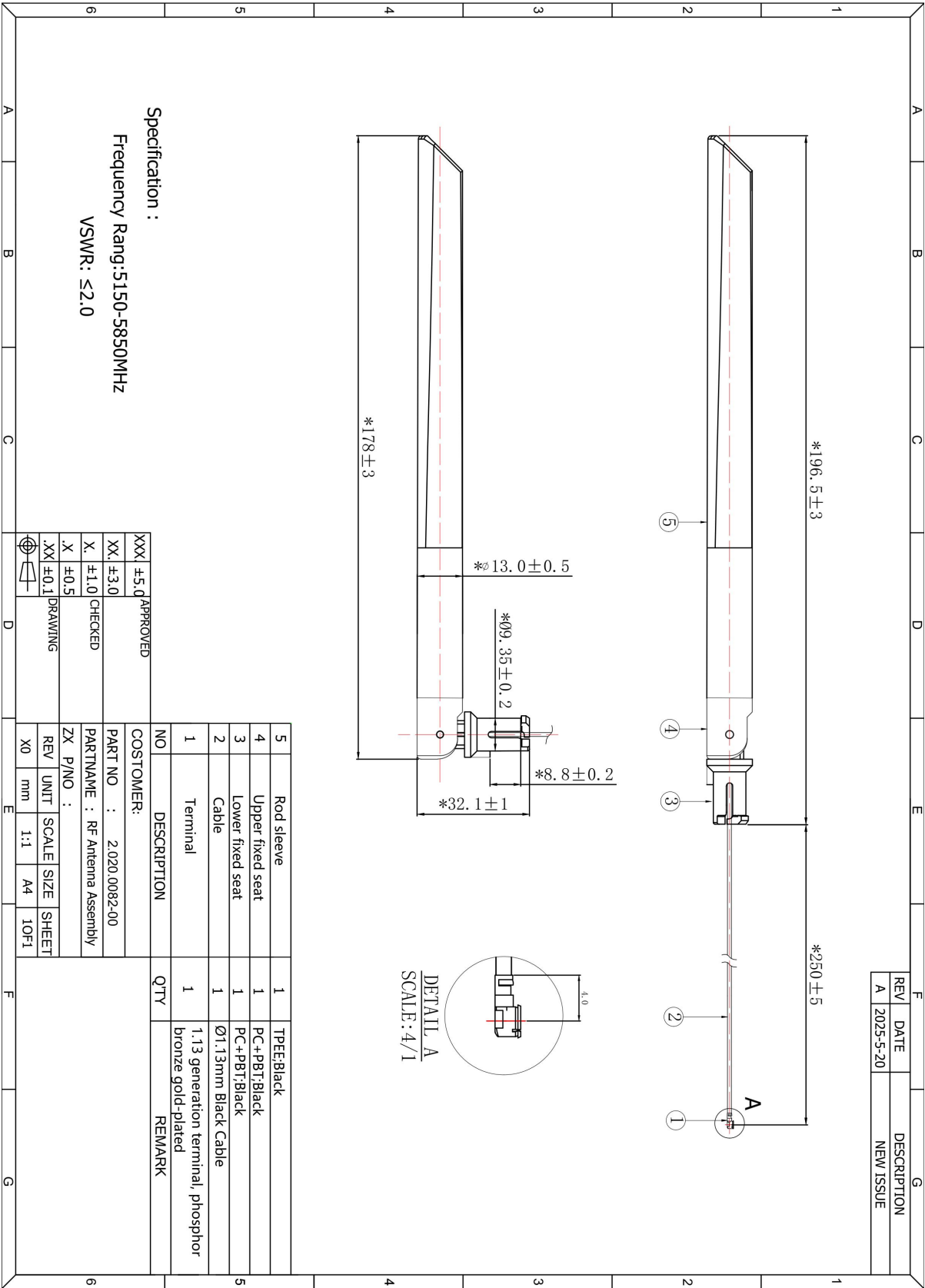
Description

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|---------|------------------------|
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1. Specifications

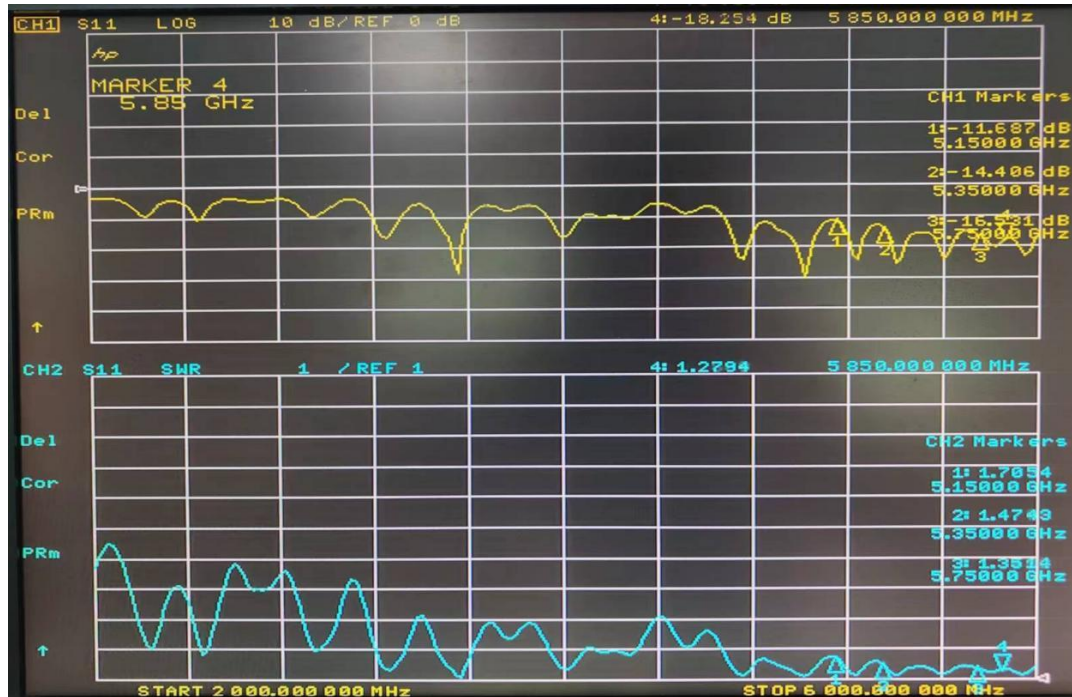
Main technical specifications	
Frequency Range(MHZ)	5150-5850
Impedance(Ω)	50
Peak Gain(dBi)	5.0 ± 1
VSWR	≤ 2.0
Polarization	Line
Connector Type	1.13 MHF-1-Plug
Physical Properties	
Antenna Base	FR-4+Spiral
Operating Temp	-20°C~+70°C
Storage Temp	-20°C~+70°C

2. Product Drawing



3. Test Report

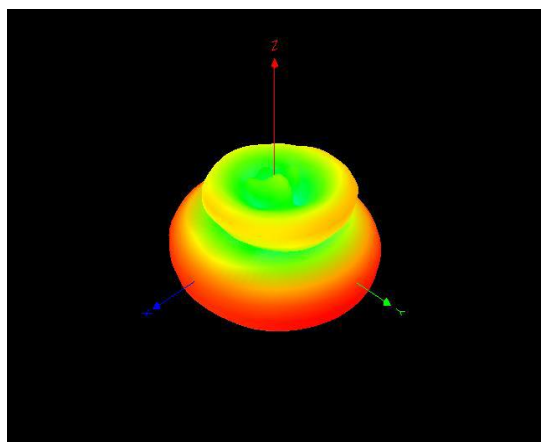
3.1: Network analyzer test report:



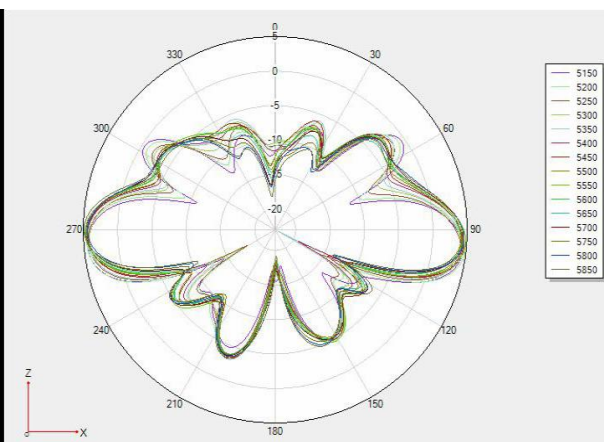
3.2: Efficiency and Gain :

Frequency(MHz)	5150	5500	5850
Efficiency(%)	62.53	64.45	64.33
Gain(dBi)	4.34	4.45	4.26

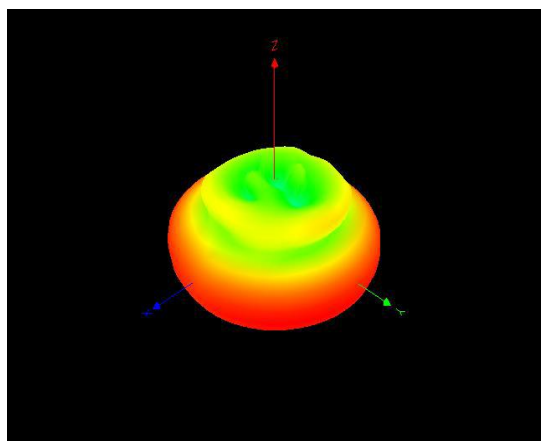
3.3. 2D、3D Radiation Pattern



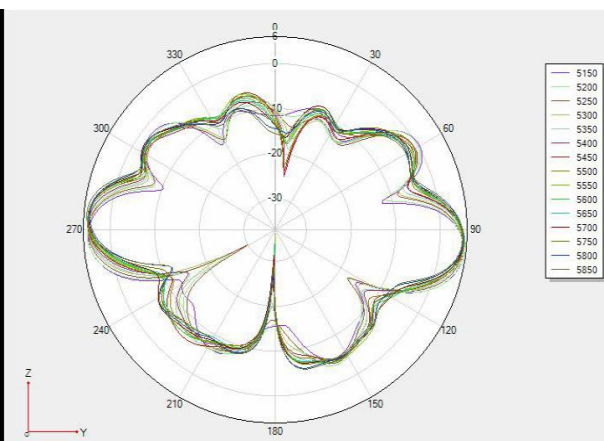
5150MHz



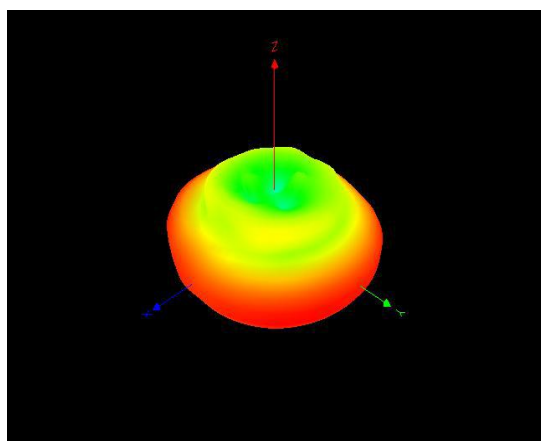
XZ 平面



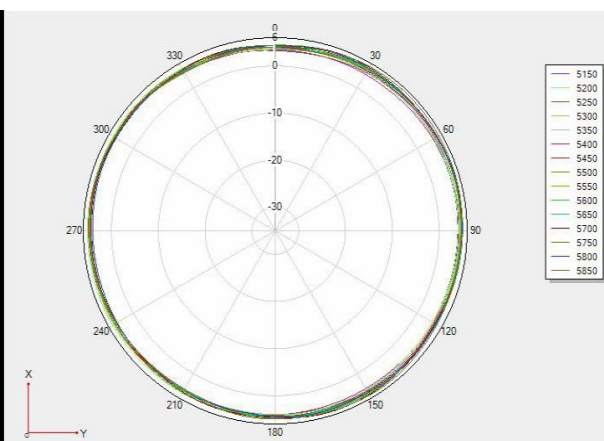
5500MHz



YZ 平面



5850MHz



XY 平面