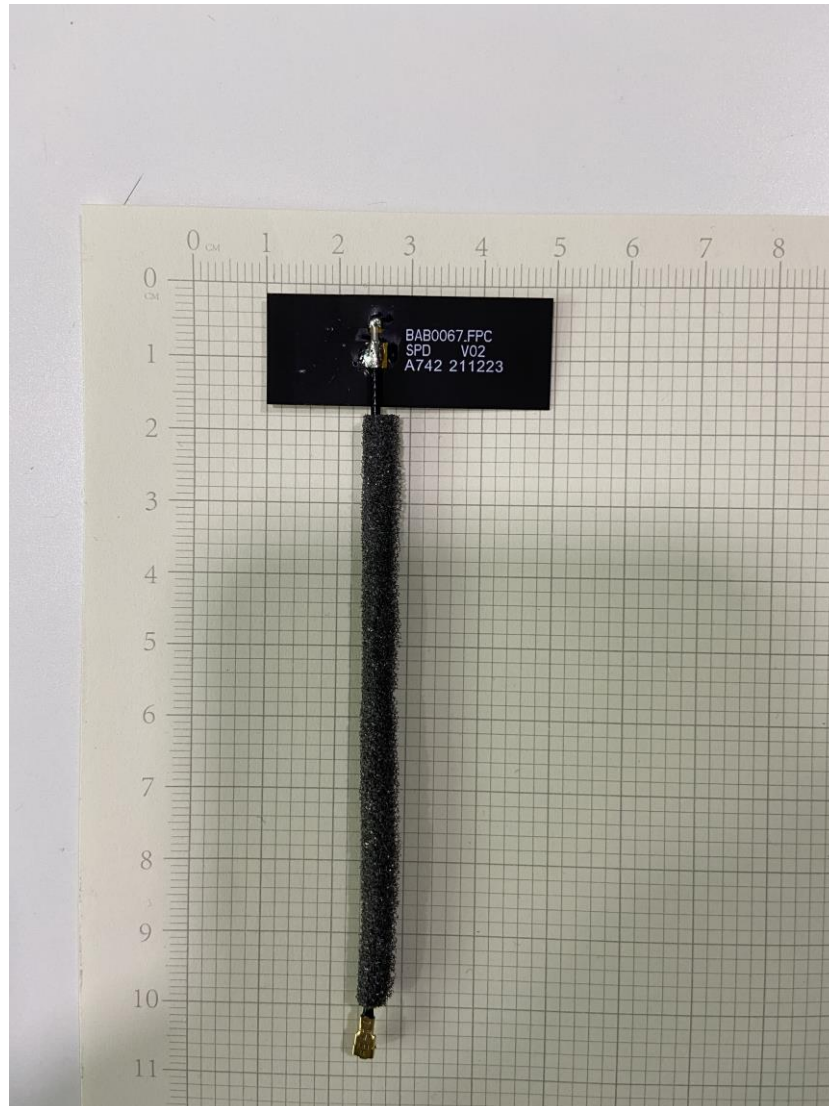


Antenna Specification

1 Antenna Photo



2 Specifications

Antenna Type	FPC Antenna
Operation Frequency	2400~2500MHz
Peak Gain	5.05dBi
Antenna efficiency	>45%
VSWR	<2
Impedance	50ohm
Polarization)	Linear polarization
Radiation pattern	omnidirectional
Dimension(L*W)	45mm*15mm
Operation Temperature	-30 °C to +80 °C
Storage Temperature	-30 °C to +80 °C

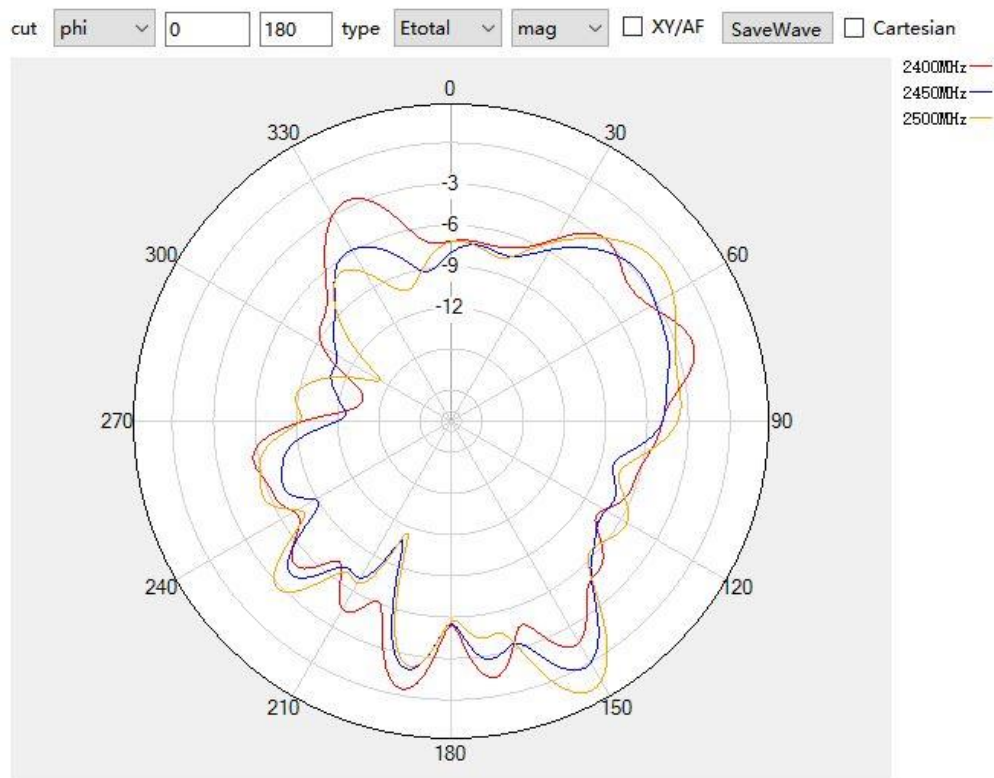
3 VSWR



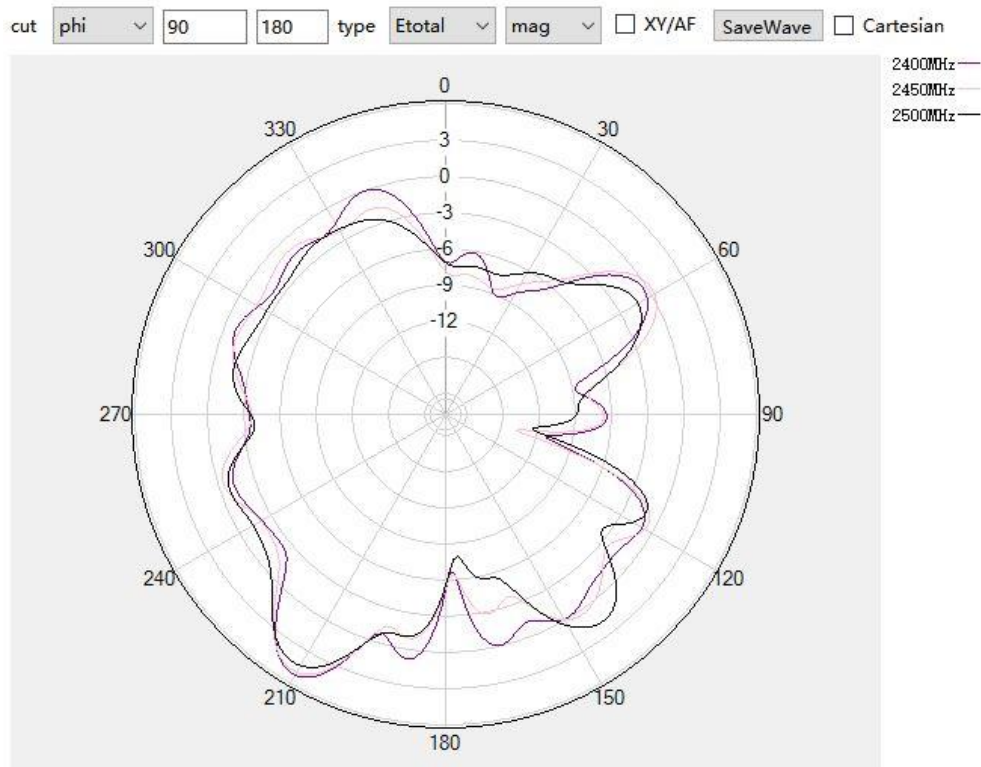
4 Antenna Efficiency

Frequency (MHz)	Efficiency	Gain (dBi)
2400	67%	4.44
2410	67%	4.51
2420	67%	4.6
2430	67%	4.55
2440	67%	4.6
2450	66%	4.65
2460	65%	4.66
2470	65%	4.77
2480	65%	4.92
2490	64%	5.04
2500	63%	5.05

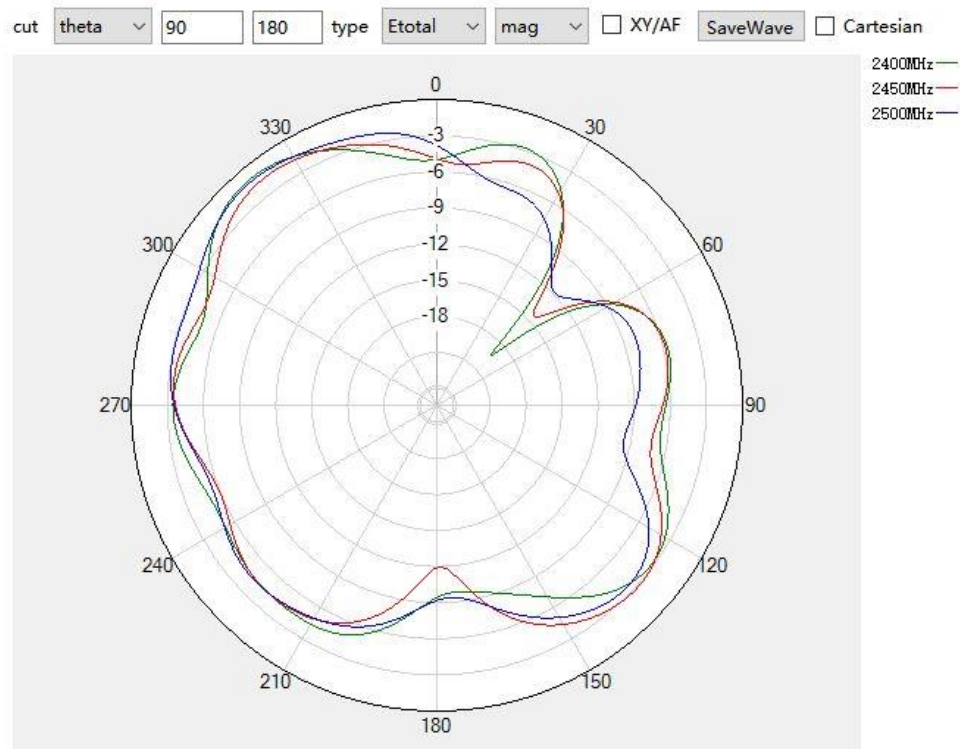
5 Radiation Pattern



$\text{Phi}=0^\circ$

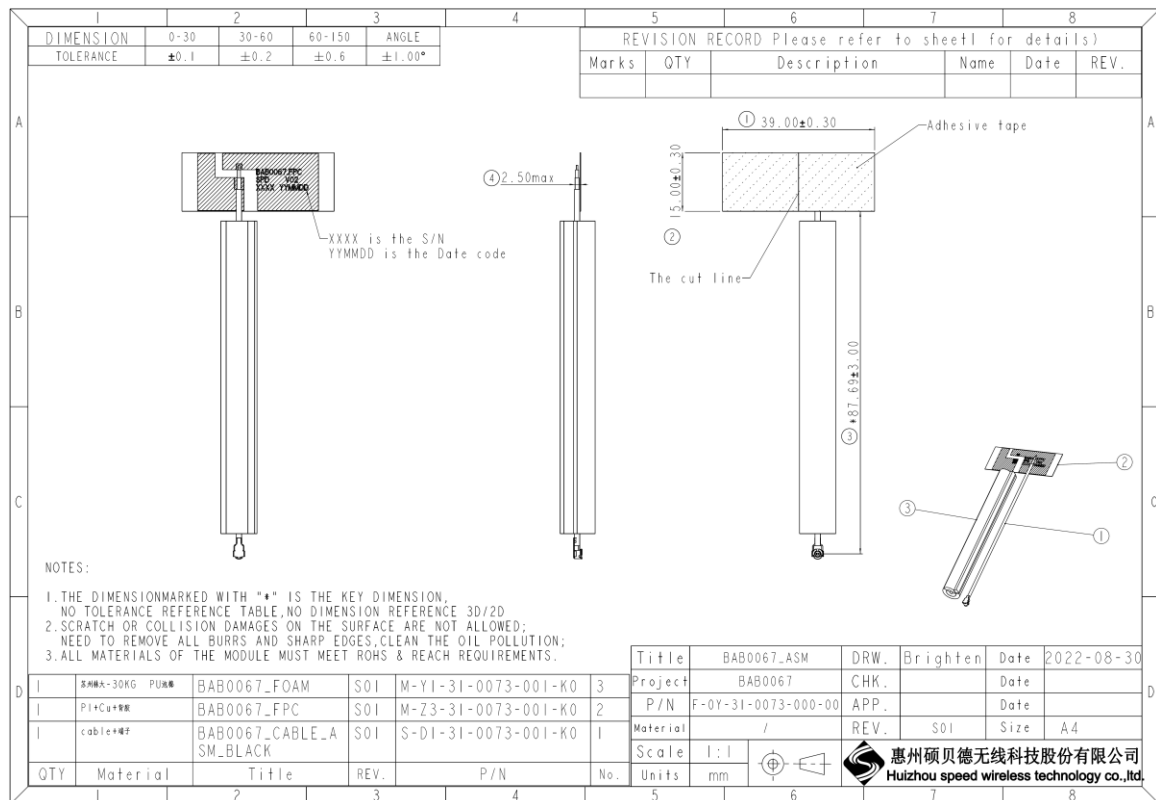


Phi=90°



Theta=90°

6 Structure Diagram



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