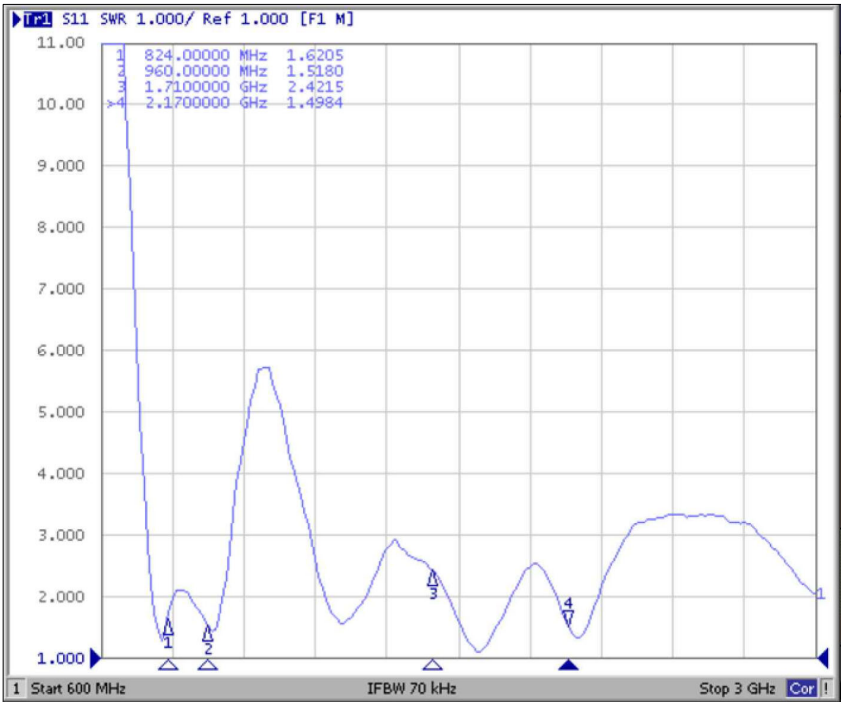
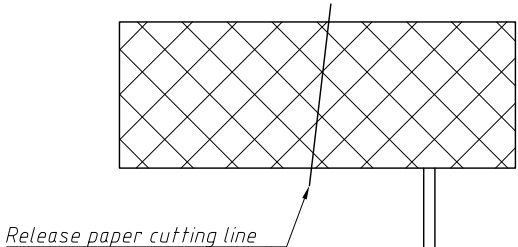
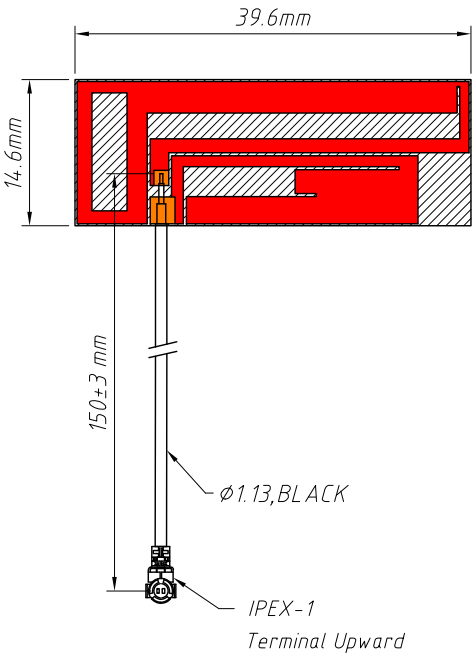




REV	SYM	Revision Record	Appr.	Date
V0	KLS17048	New Version Release	WuHao	2025-07-01

Electric:
Characteristic Impedance:50Ω
Frequency Range:3 G
Vswr≤2.0
Temperature:-45°~+80°

Notes:
The die-cutting mold must not damage the circuit, and the gold-plated area should be connected to the circuit.
The surface must not have any dirt, scratches, black spots, cracks or peeling after gold plating, or any other adverse phenomena.
Material: FPC single-sided panel PI(electrolytic copper) 0.0175/0.0127mm base material + adhesive (3M9471 0.05mm)+ surface black and white ink (> 0.01 mm);
Back adhesive 3M 9471 300LSE (Adhesion requires high and low temperature tests), test conditions: After five cycles of -30℃ (60min) to (conversion time 30min) to +70℃(60min) to (conversion time 30min) to -30℃ (60min), the product was placed at room temperature for 8 hours without any peeling, warping, ink dropping or blistering.
The OSP on the surface of the gold finger must not show any oxidation (salt spray test is required).
After the salt spray test for 48±1 hour, there were no corrosion points or coating peeling on the surface.



ANGLE TOLERANCE	PROJECTION	Description:	3G/4G Antenna	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-3GNZ-40x15x0.8-L 150
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	WuHao	2025-07-01	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx ±0.10	Check:	Daniel	2025-07-01	