

steps	ANL	IHEP
Oxygen Plasma	 Pressure of the oxygen: 0.3 torr The voltage to the glass:20K Shape of the electrode: tip 	 Pressure of the oxygen: 10⁻² torr The voltage to the glass: 700V Shape of the electrode: planate
Sb	 Wire material: Pt-Mo Monitor the reflection light by the Photodiode 	✓ Wire material: Ni✓ Look at by eyes
K	 Outgas with small current (2A) during the baking time; Monitor the photo response current, till the increasing trend stops Continue the evaporation until photo current drops to 80% of the Max. value; 	 Outgas with the high frequency gun before baking; Monitor the photo response current, till the increasing trend stops;
Cs	 Outgas with small current (2A) during the baking time; Monitor the photo response current, after the increasing trend stops, continue evaporation untill the current decreases to half of the peak current; Stop baking the prototype 	 Outgas with the high frequency gun before baking; Monitor the photo response current, till the increasing trend stops; Continue baking the prototype at least 2 hours.