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ANSWER SHEET		
Part 1. Calibration		
$\alpha =$		
$C_s =$		
Part 2. Determination of geometrical shape of a parallel plate capacitor		
PATTERN I: The expected graph of C versus the positions of the upper plate		
PATTERN II: The expected graph of C versus the positions of the upper plate		
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PATTERN III: The expected graph of \mathcal{C} versus the positions of the upper plate	
From the experiment, the geometrical shape of the parallel plate capacitor is Pattern I Pattern II Pattern III	
b = w =	
Part 3. Resolution of digital calipers	
The smallest distance that can be measured at $f \approx 5 \mathrm{kHz}\mathrm{is}$	
