

HGTD Production Database

October 1st 2024

- Wafer/Sensor group wants to upload 15x15 and 15x1 IV measurements of all the sensors in a single wafer (52 sensors in a wafer)
 - Will provide 2 zip files
 - 1st zip file contains 52*(15*15) IV files
 - Salah-Eddine wrote a script to rename all the IV files such that each filename contains the sensor serial number.
 - Script also output 3 csv files to register the wafer, the 52 sensors, and the relationships between the wafer and the sensors.
 - After the registration information are entered into the DB, the user then upload the zip file to store the IV measurements
 - 2nd zip file contains 52*(15*1) IV files
 - They are asking Salah-Eddine to write a script again to rename the IV files to add the serial numbers.
 - The zip filename contains the wafer SN: e.g. 20WS0000400021.zip
 - But this filename will be the same as the zip file for the 52*(15*15) case
 - Plus the column names for the IV file are : SWEEP_V, SWEEP_I
 - Not the same as Voltage(V), Current(A)