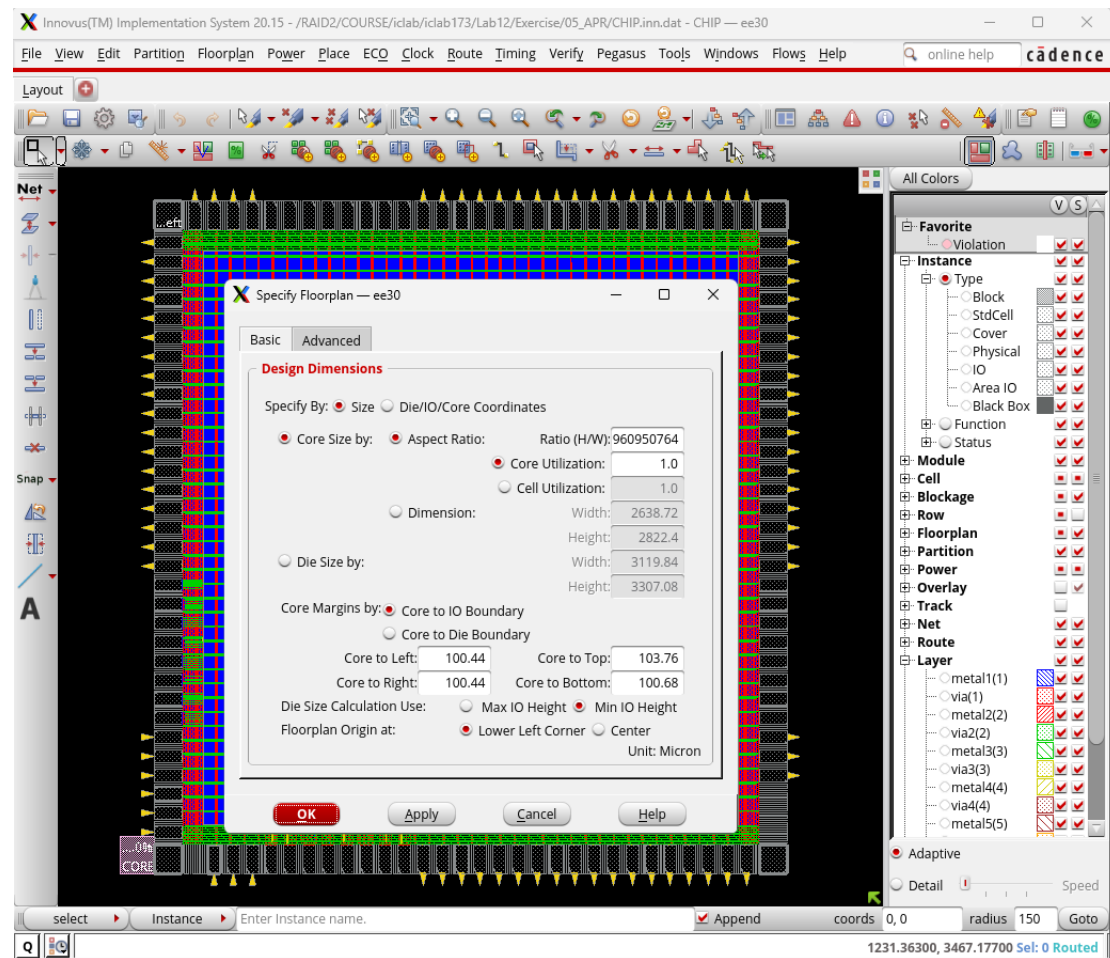
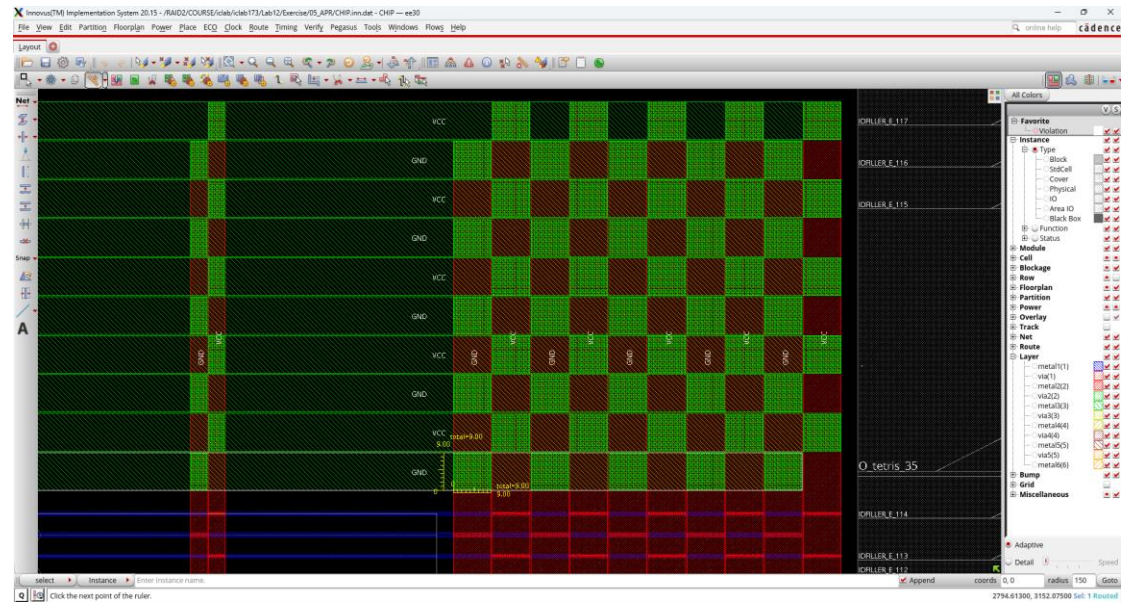


1. Core to IO boundary :



2. Core Ring :



3. Post-Route setup time analysis :

Timing Summary

Setup views included:

Setup mode	all	regreg	default
WNS (ns):	0.000	0.000	0.000
Violating Paths:	0	0	0
All Paths:	595	247	366

Reported timing to dir: timingreports

Total CPU time: 2.42 sec

Total Real time: 9.0 sec

Total Memory Usage: 2141.667180 Mbytes

Reset AM Options

View Timing on #1 [finish] : cpu/real = 0:00:07.4/0:00:09.7 (0.8), totSession cpu/real = 0:00:39.9/0:07:01.1 (0.1), mem = 2141.0M

Unmovus Ss

4. Post-Route hold time analysis :

Timing Summary

Hold views included:

Hold mode	all	regreg	default
WNS (ns):	0.233	0.233	10.735
WNS (ns):	0.000	0.000	0.000
Violating Paths:	0	0	0
All Paths:	595	247	366

Reported timing to dir: timingreports

Total CPU time: 1.1 sec

Total Real time: 1.0 sec

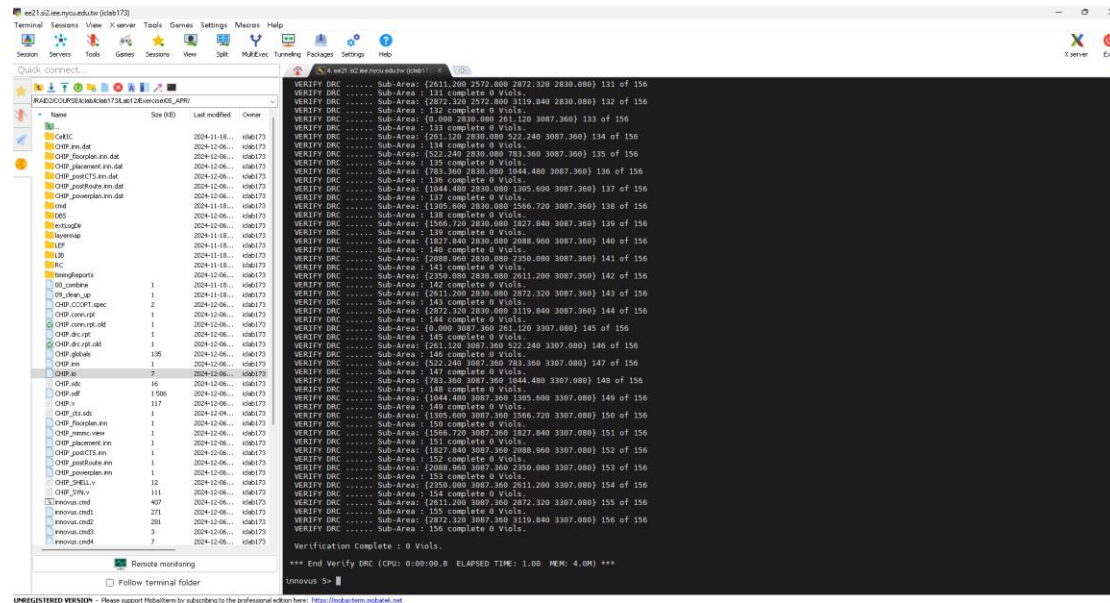
Total Memory Usage: 2099.554680 Mbytes

Reset AM Options

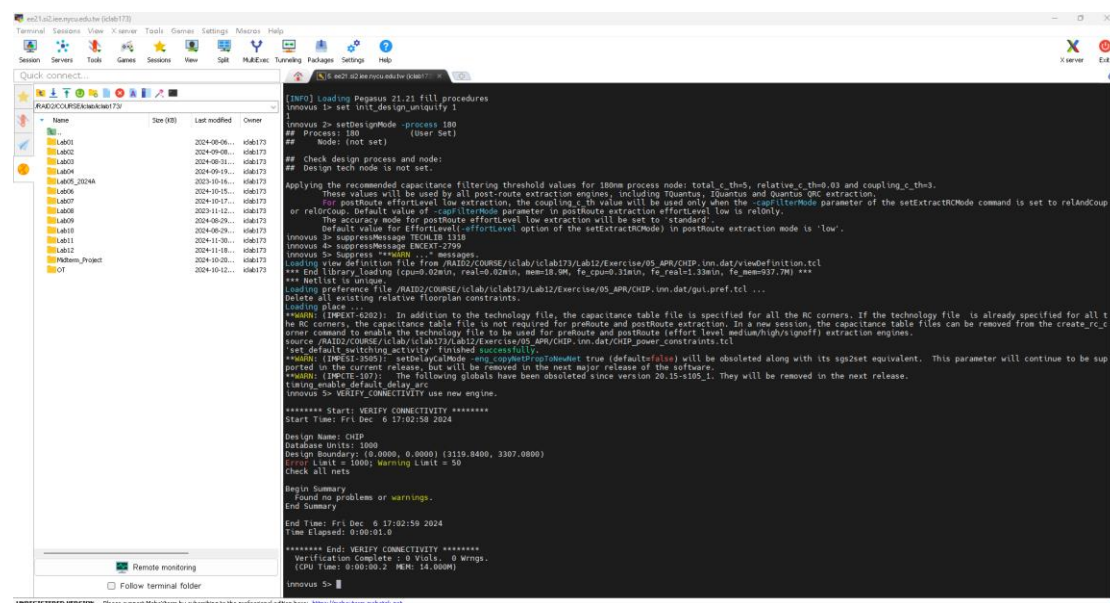
View Timing on #2 [finish] : cpu/real = 0:00:01.3/0:00:01.7 (0.8), totSession cpu/real = 0:00:43.5/0:08:00.1 (0.1), mem = 2099.6M

Unmovus Ss

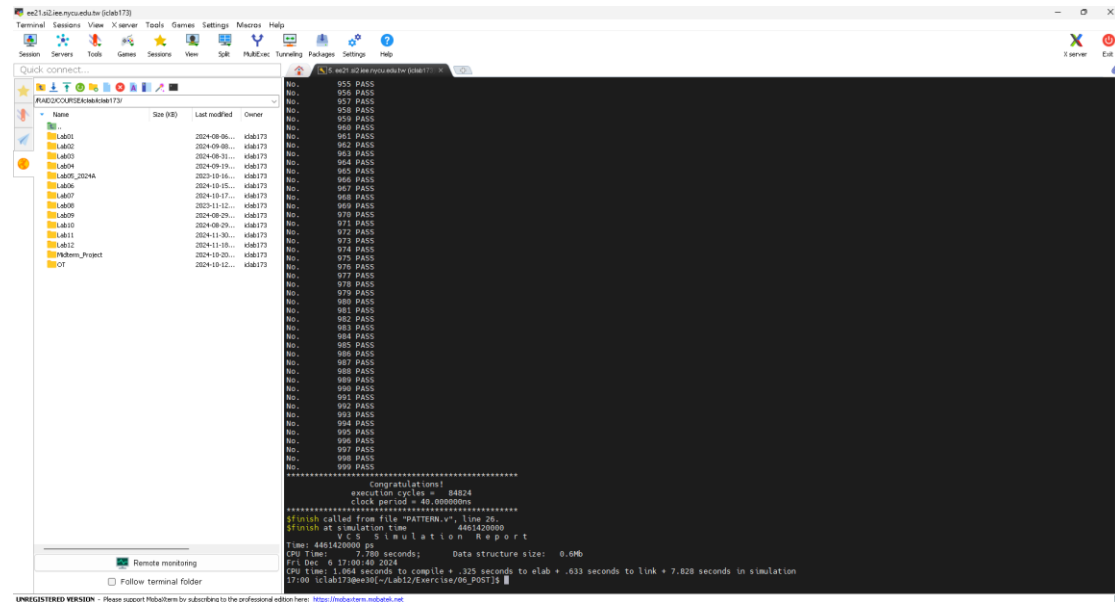
5. DRC result :



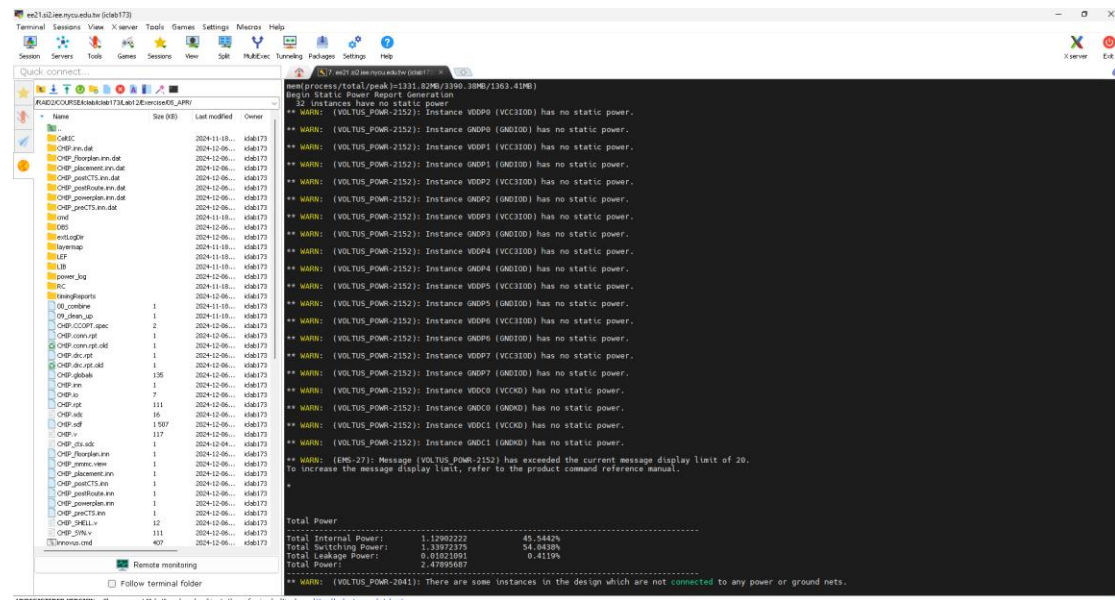
6. LVS result :



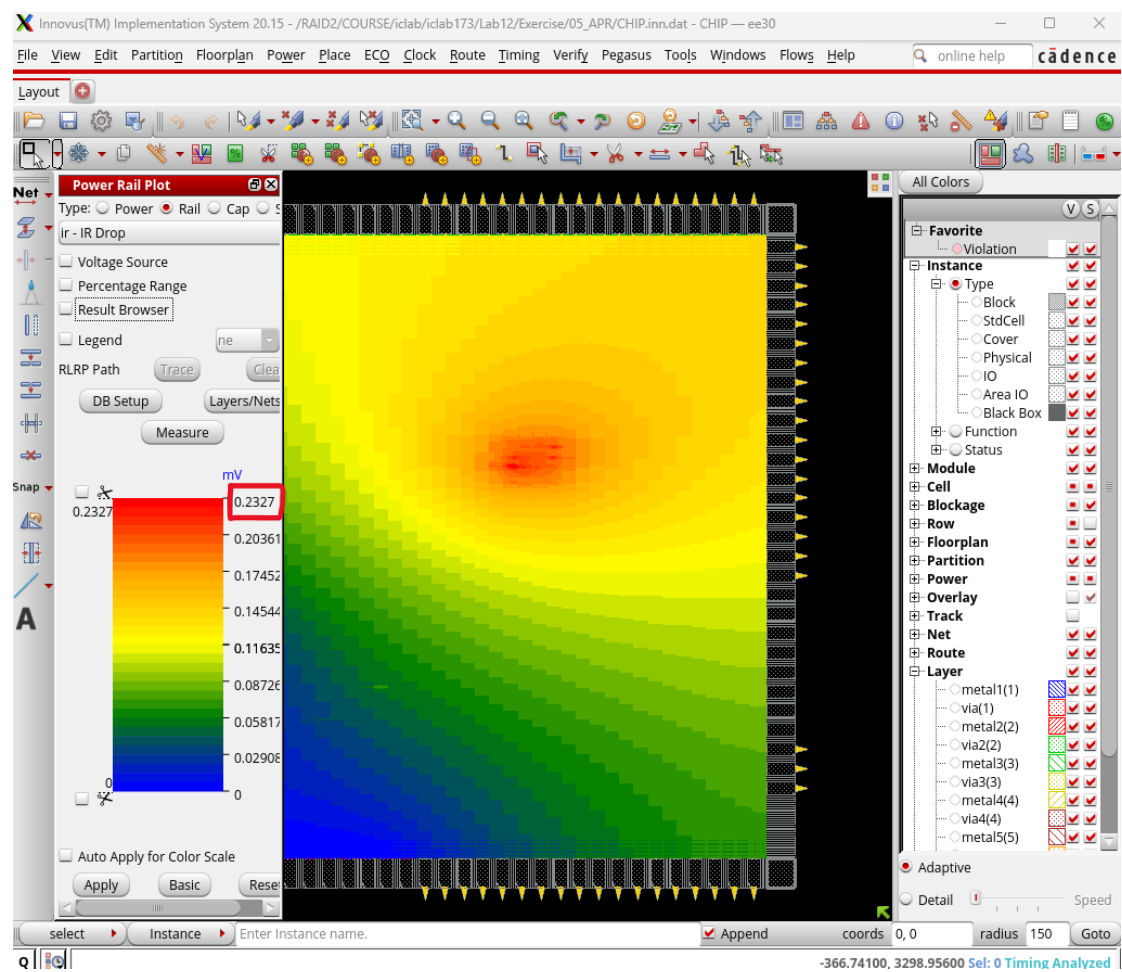
7. Post Layout simulation result :



8. Power result :



9. IR Drop Results :



我在每邊都加上 4 個 VCC 來減少 IR drop 的問題