HOW TO CONFIGURE DUG FOR MIXMODE G9 RRU 2219 (AYAM VERSION !)

By : Prof. Tahir

FIRST THING TO DO

1. Baca Doa Agar Di Permudahkan , Bukan isap rokok ja !!
2. Ready all cable connection as below

3. Tools cable connection

- R232 9 PIN CABLE
- DB 9 PIN CONNECTOR & RJ45 Connector , Cat 6 cable

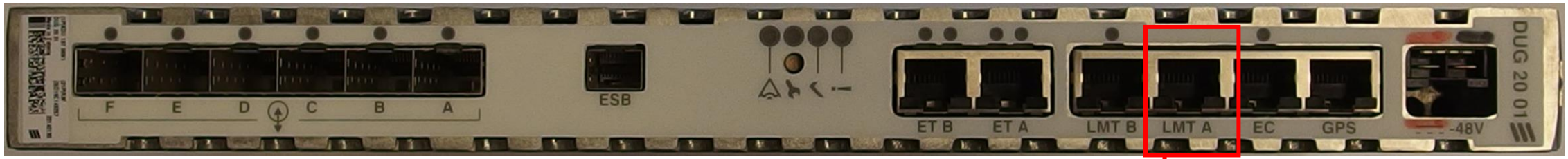
RJ45 CONENCTOR

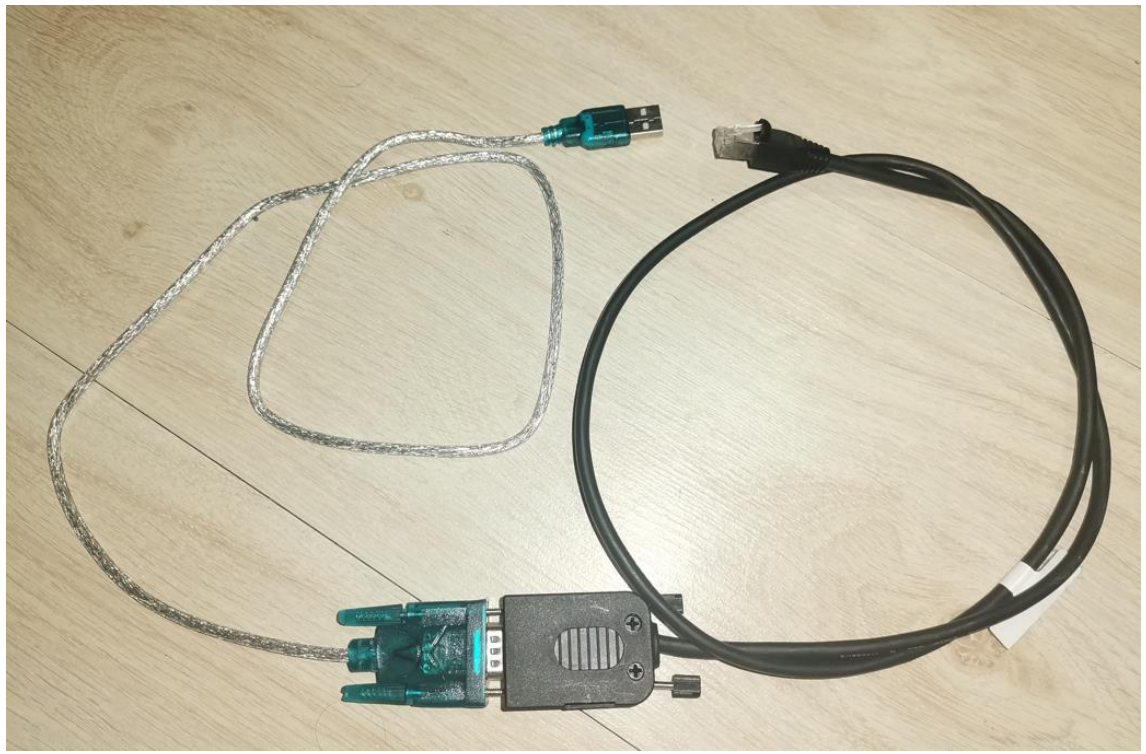
https://shopee.com.my/HL-340-USB-to-RS232-9Pin-CH340-Serial-Port-Adapter-Cable-PDA-9Pin-80cm-i.33287405.464045402

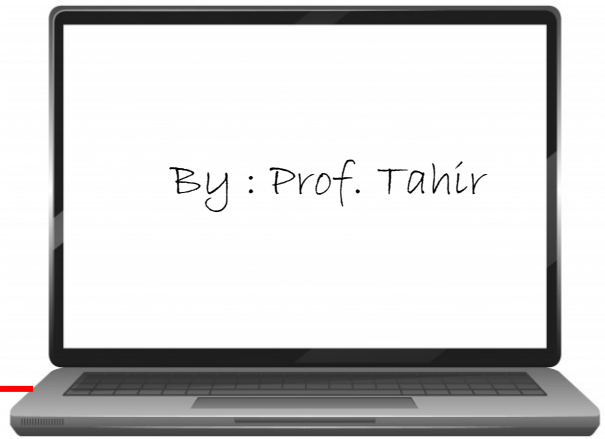
https://shopee.com.my/DB9-RS232-Male-Female-Connector-Back-Side-Nut-COM-Transfer-Free-Solder-Terminals-i.136112367.6216868927

CAT 6 CABLE

CONNECTION FROM DUG TO 9 PIN CABLE

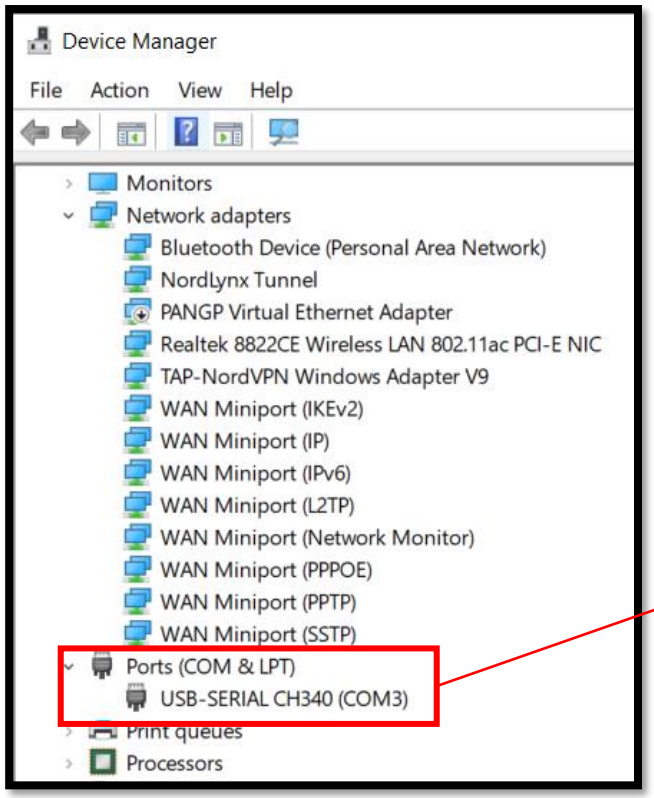




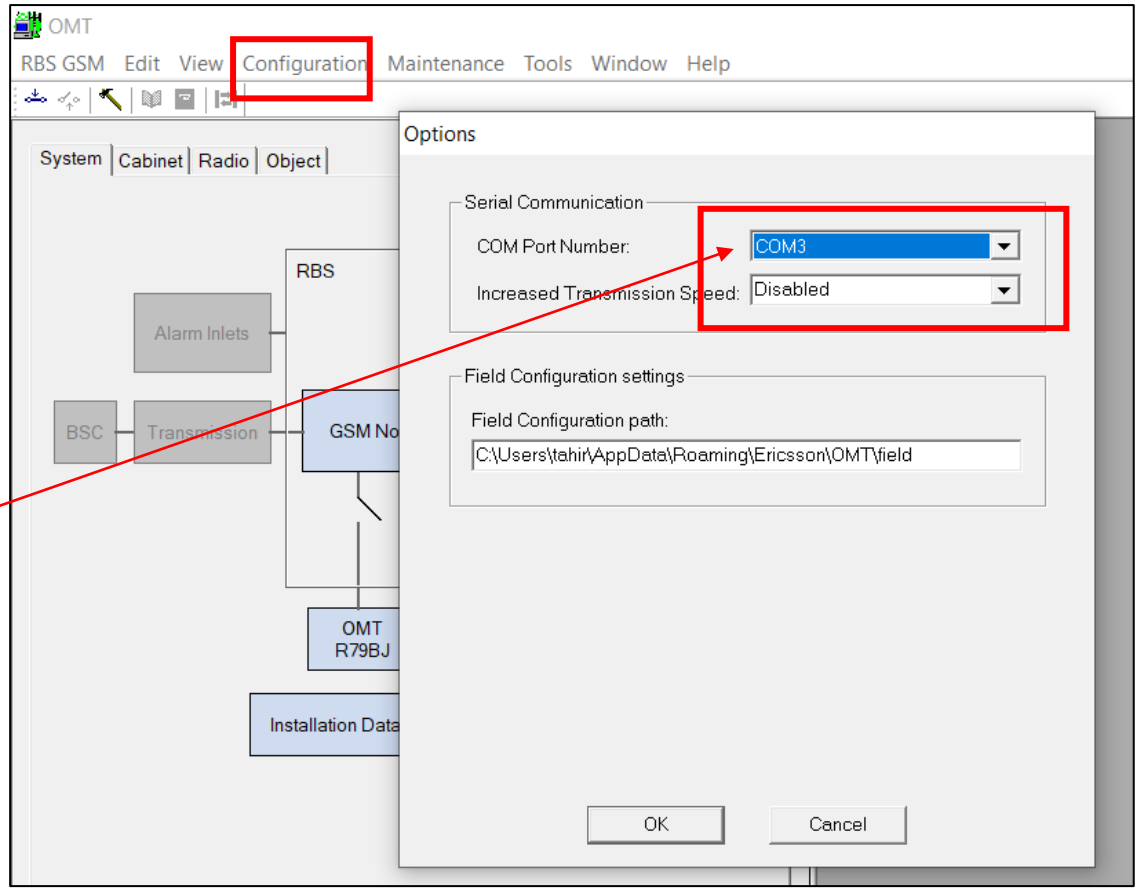


Set connection cable from PC to software

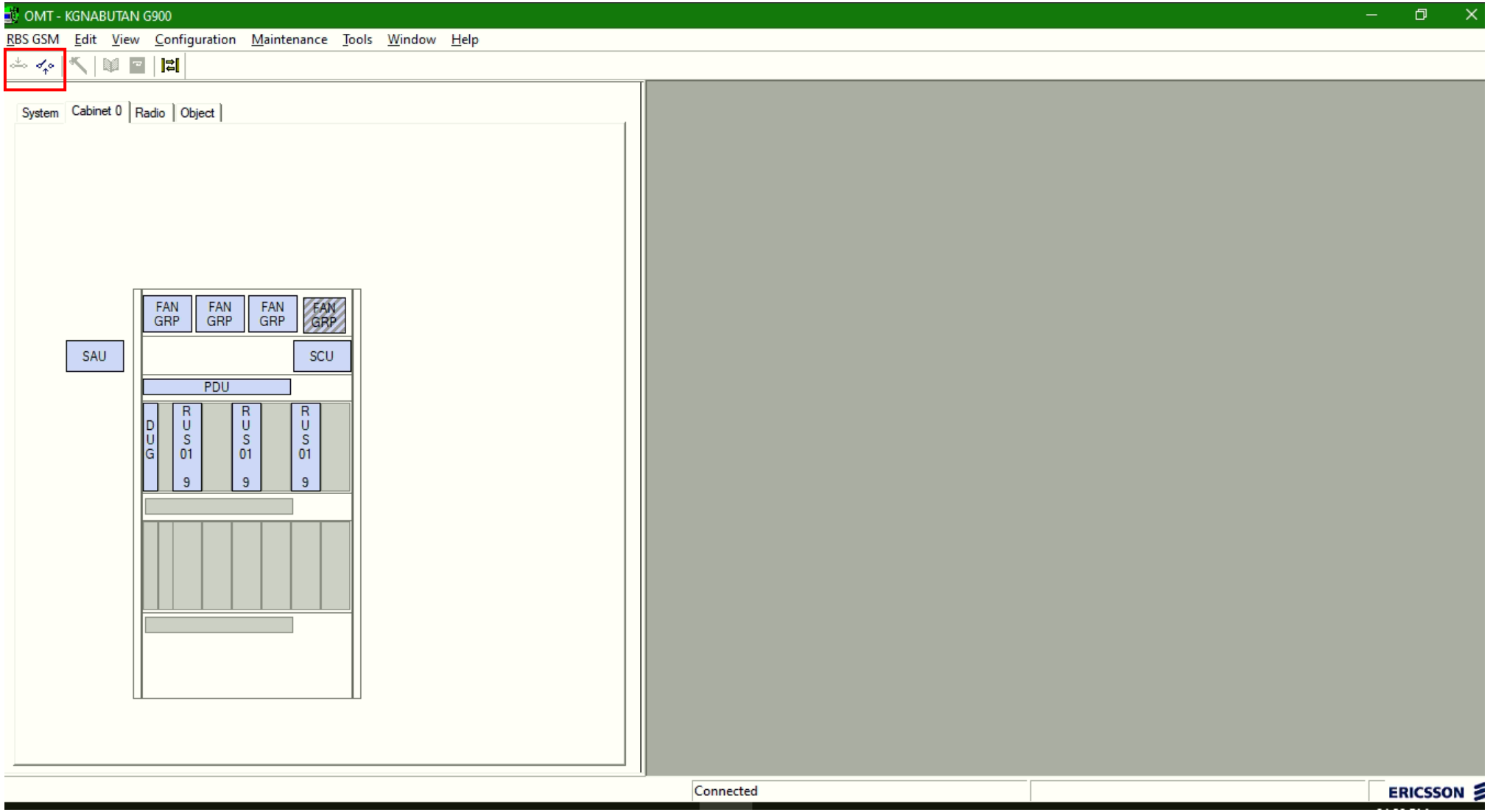
1 . Inset USB 9 pin cable to PC
- Go to device manager , & check port com



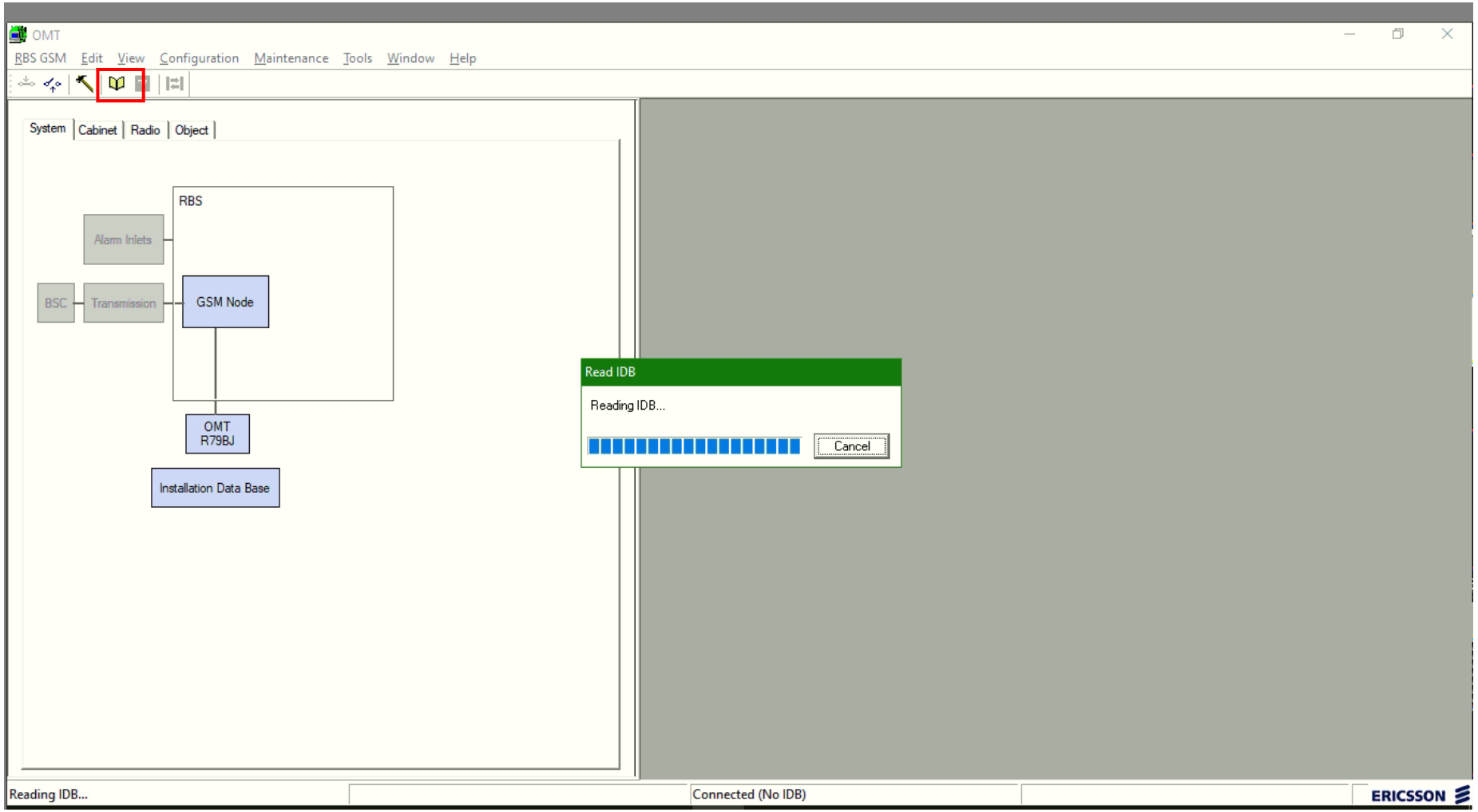
1 . Open OMT software
2. Go to tools – option , set com number follow pc , makesure transmission speed disable



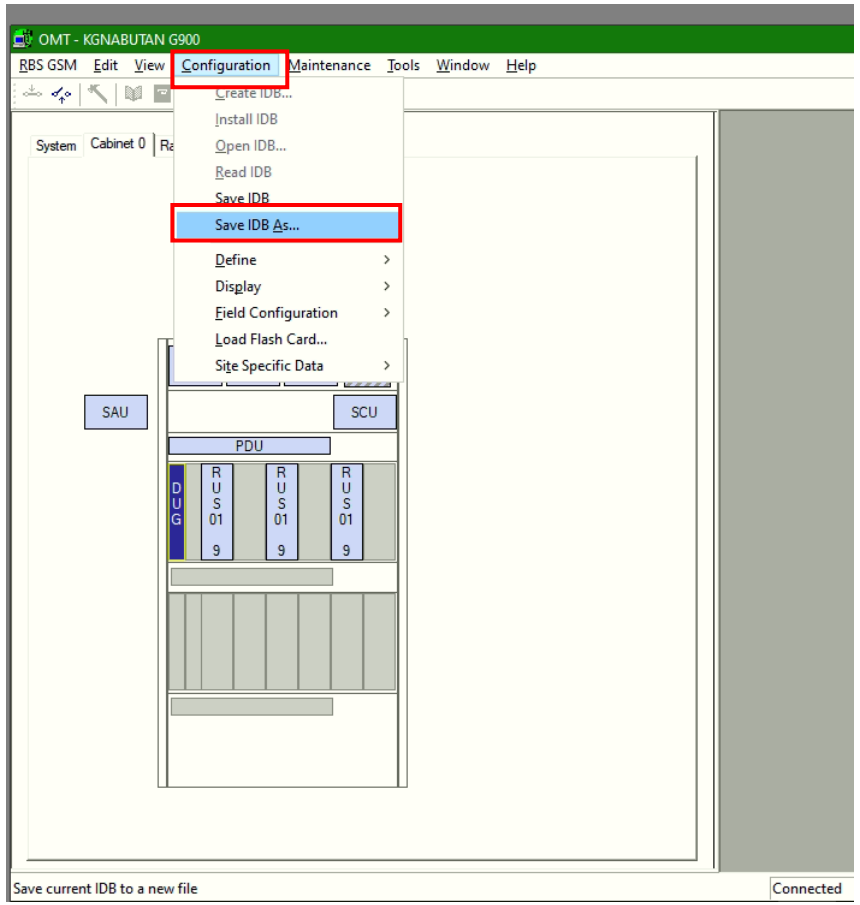
1 Login OMT , Connect DUG



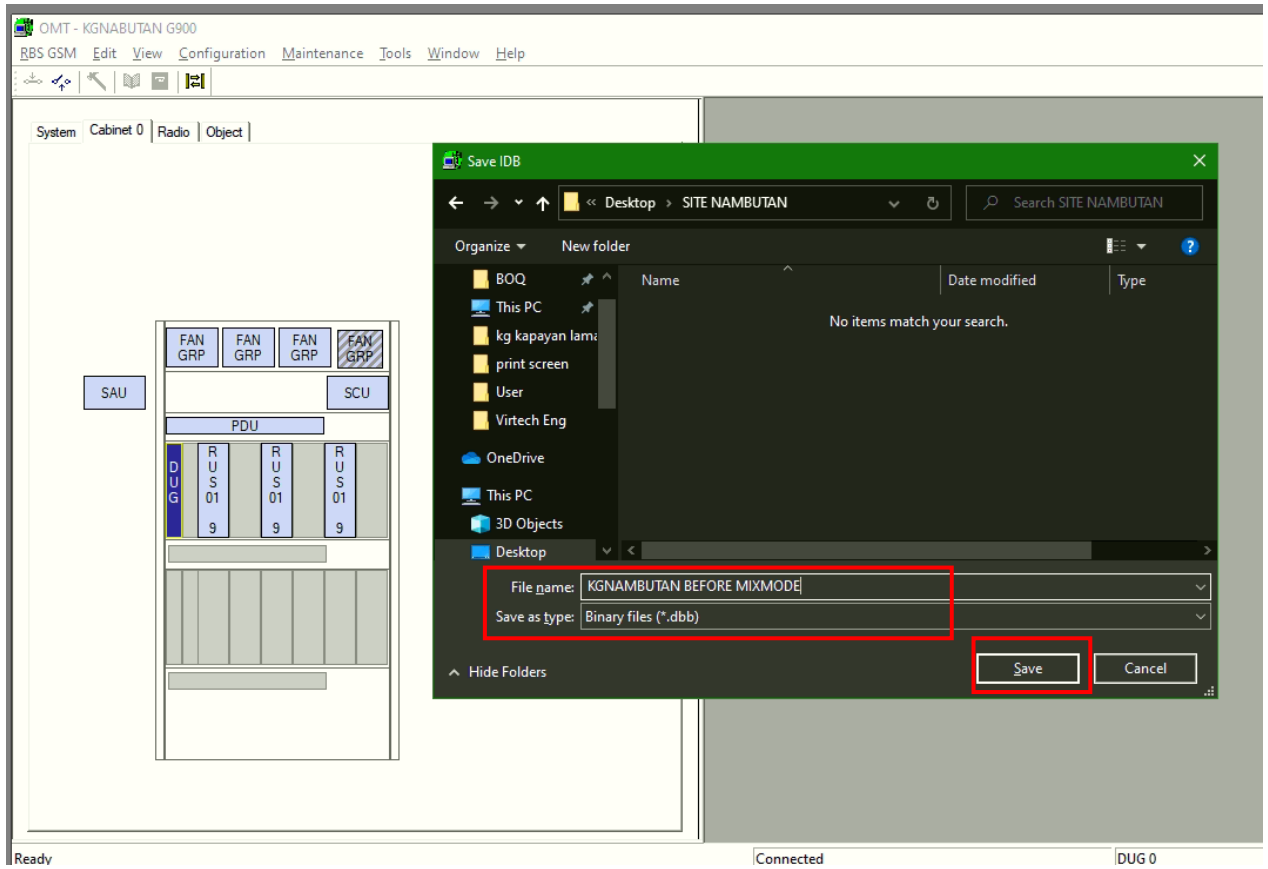
2 Read IDB


OMT
RBS GSM Edit View Configuration Maintenance Tools Window Help
System Cabinet Radio Object
RBS
Alarm Inlets
BSC
Transmission
GSM Node
OMT R79BJ
Installation Data Base
Read IDB
Reading IDB...
Cancel
Reading IDB...
Connected (No IDB)
ERICSSON

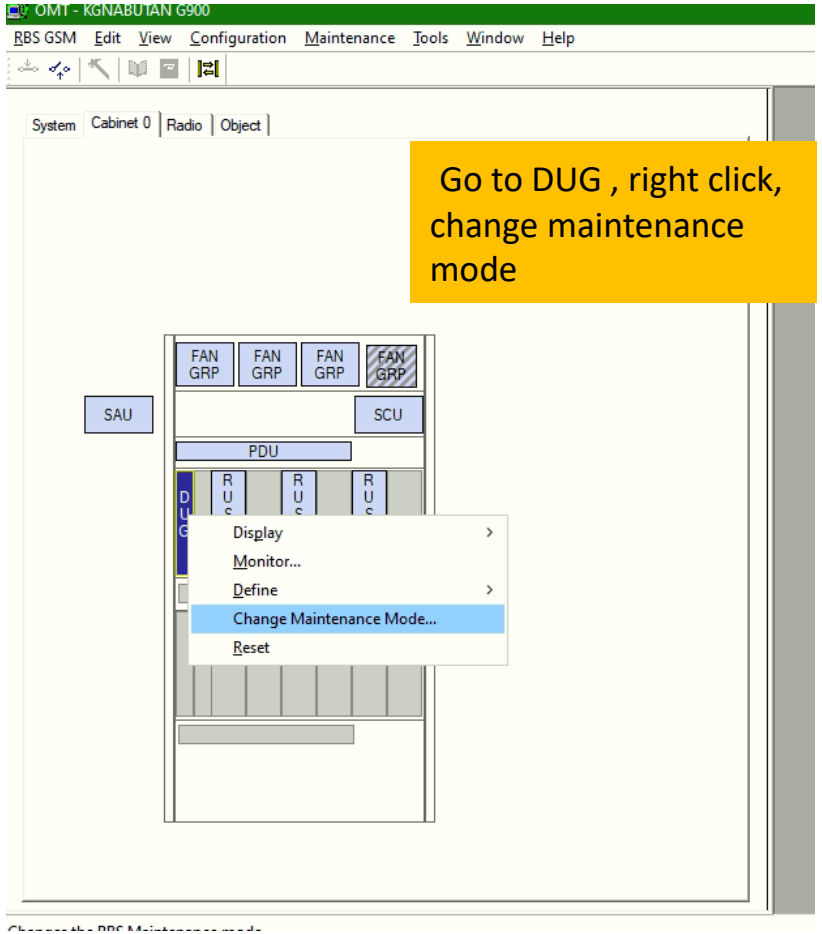
3 Save existing IDB , (Configuration – save IDB as)

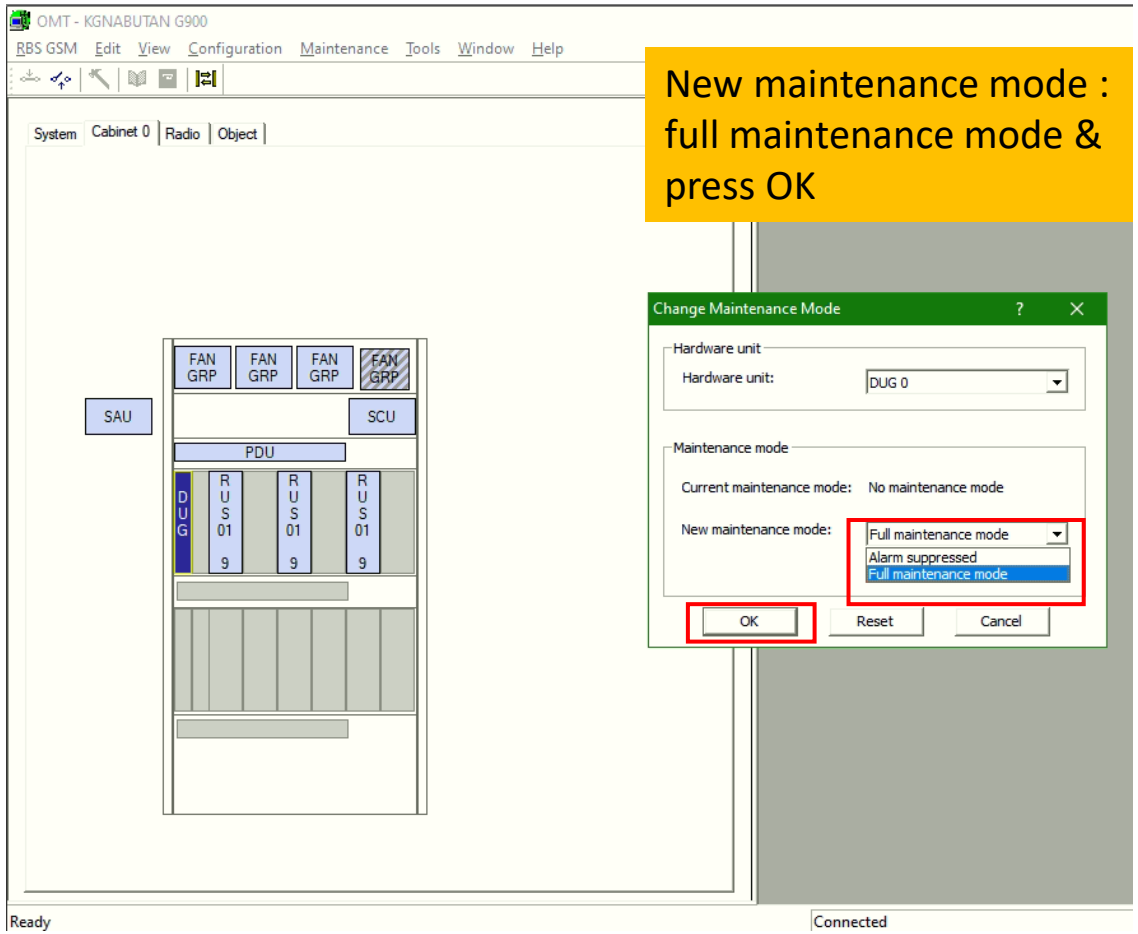


4 Save IDB at new folder

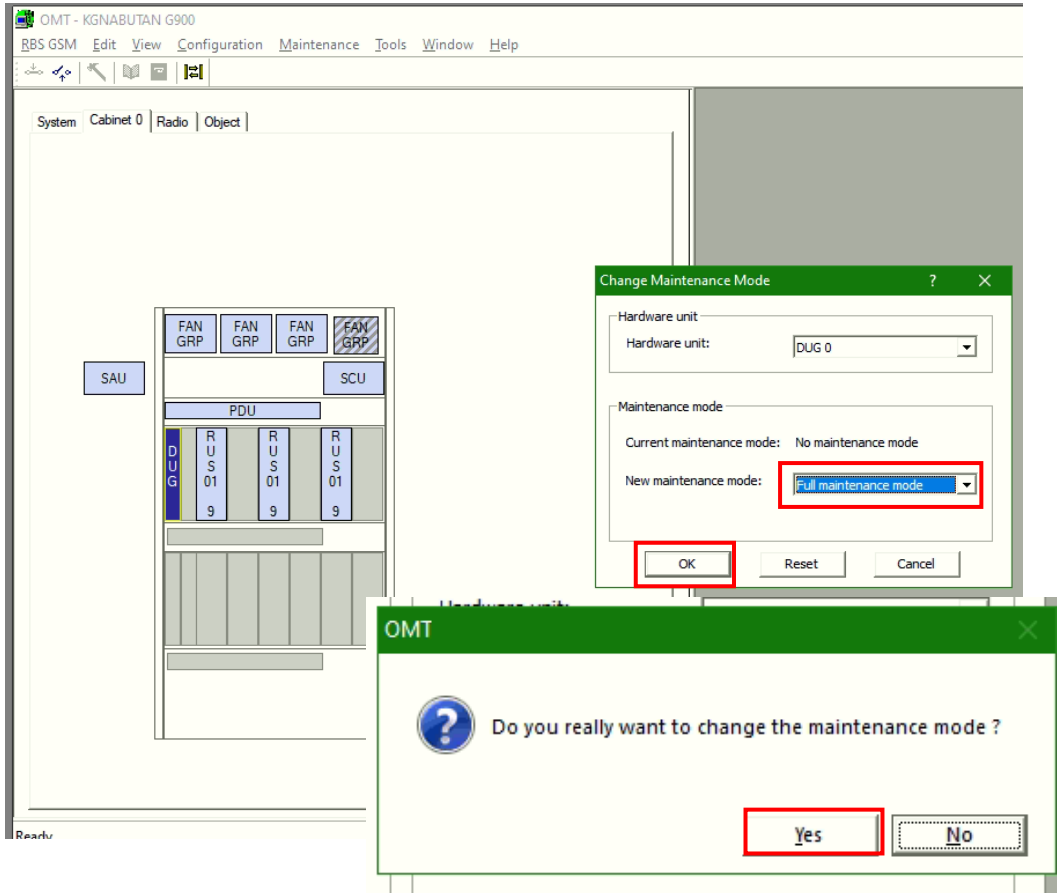


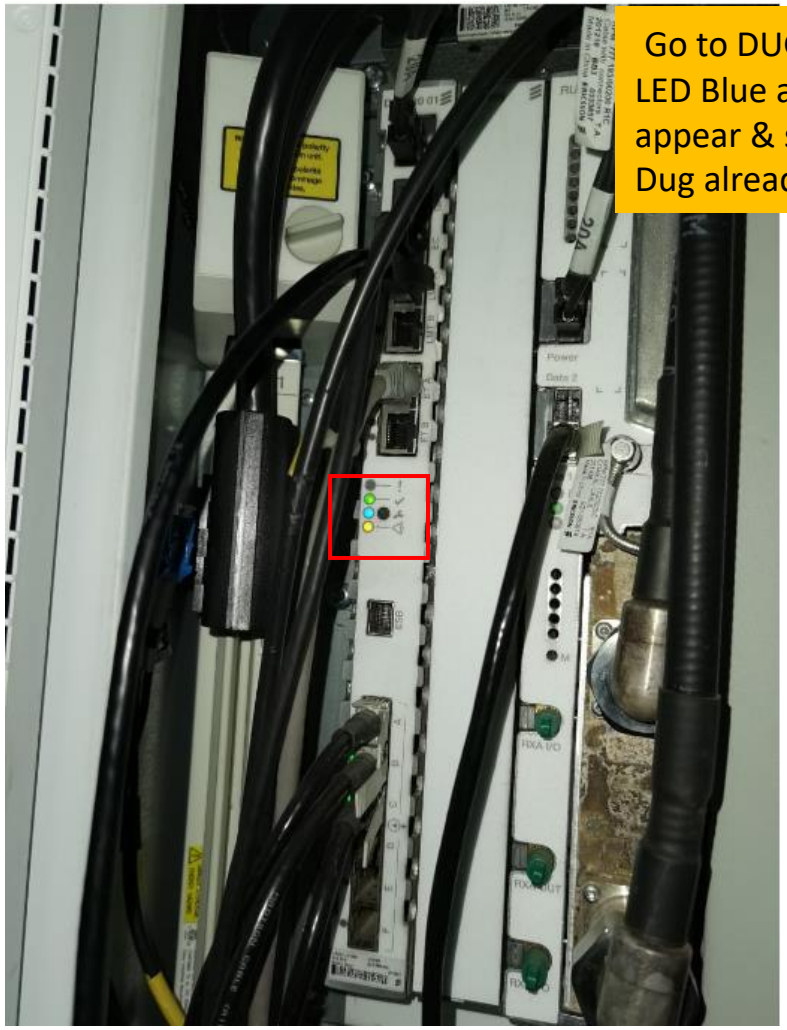
5 lock DUG


OMT - KGNABUTAN G900
RBS GSM Edit View Configuration Maintenance Tools Window Help
System Cabinet 0 Radio Object
Go to DUG , right click, change maintenance mode
FAN GRP
SAU
SCU
PDU
DUG
RUS 01 9
Display
Monitor...
Define
Change Maintenance Mode...
Reset


OMT - KGNABUTAN G900
RBS GSM Edit View Configuration Maintenance Tools Window Help
System Cabinet 0 Radio Object
New maintenance mode : full maintenance mode & press OK
FAN GRP
SAU
SCU
PDU
DUG
RUS 01 9
Change Maintenance Mode
Hardware unit
Hardware unit: DUG 0
Maintenance mode
Current maintenance mode: No maintenance mode
New maintenance mode: Full maintenance mode
Alarm suppressed
Full maintenance mode
OK
Reset
Cancel
Ready
Connected

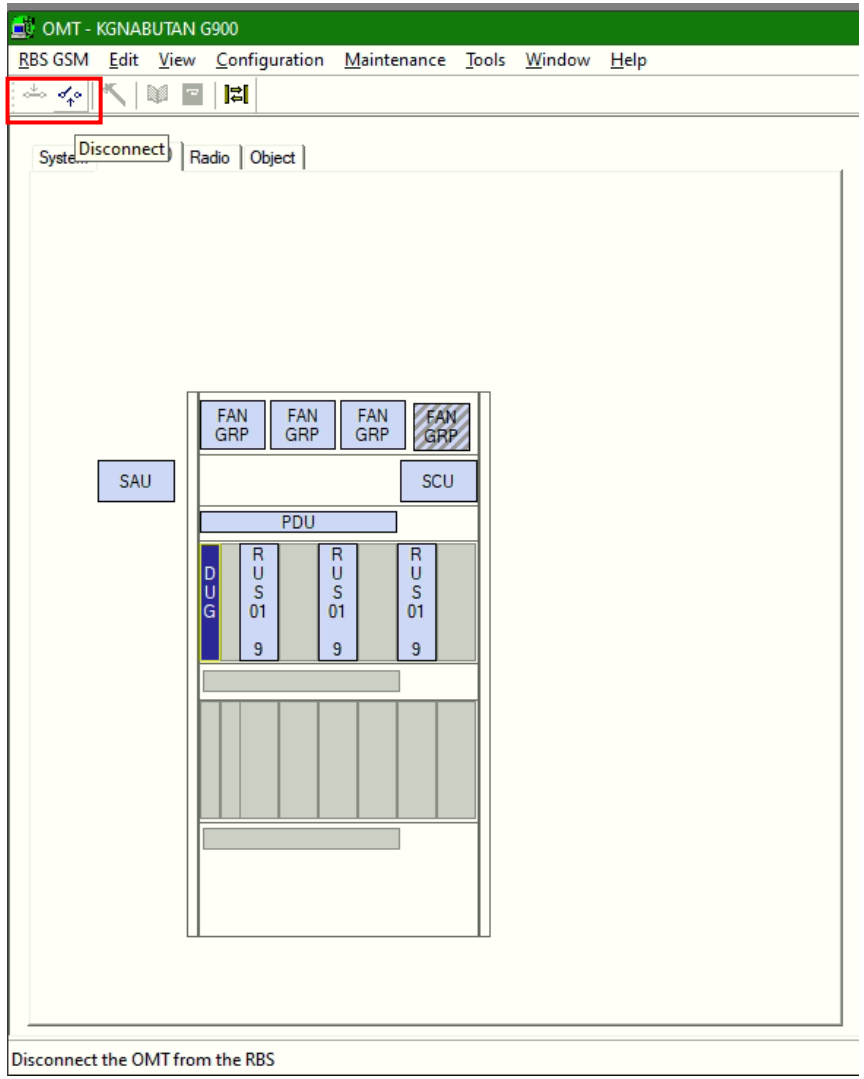
5 Clickk YES



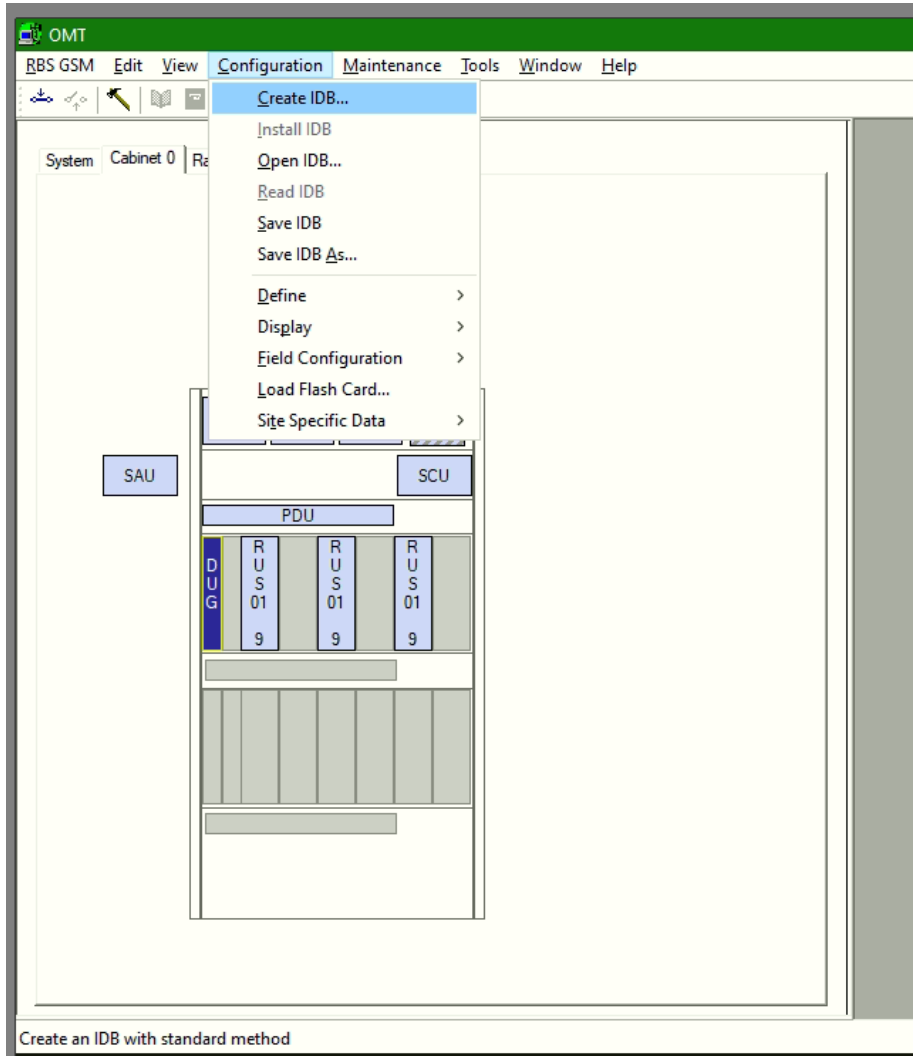


Go to DUG Physical , if LED Blue already appear & stay , means Dug already locked

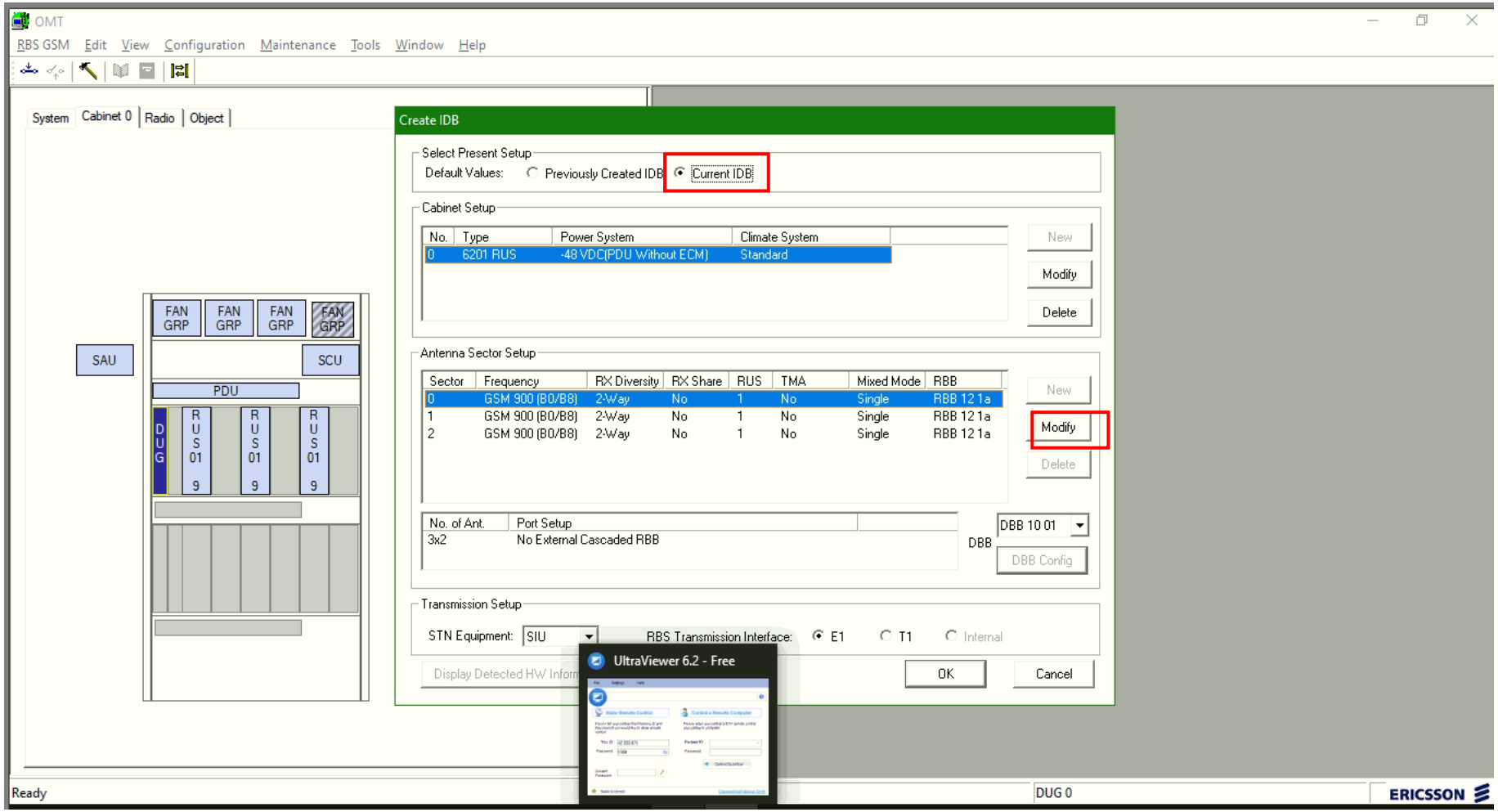
6 Disconnect OMT NOW



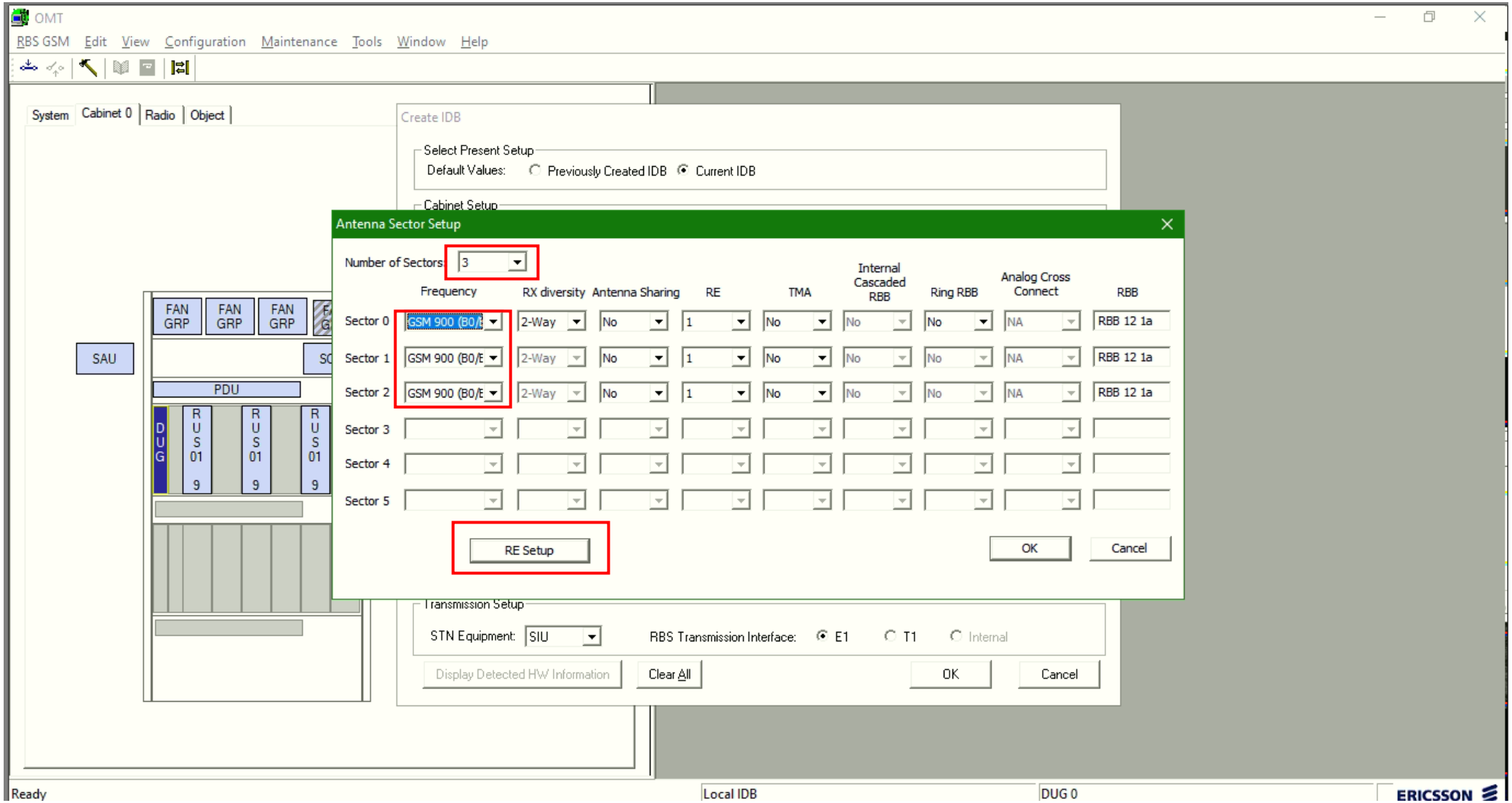
7 Create New IDB , (Configuration – Create IDB)



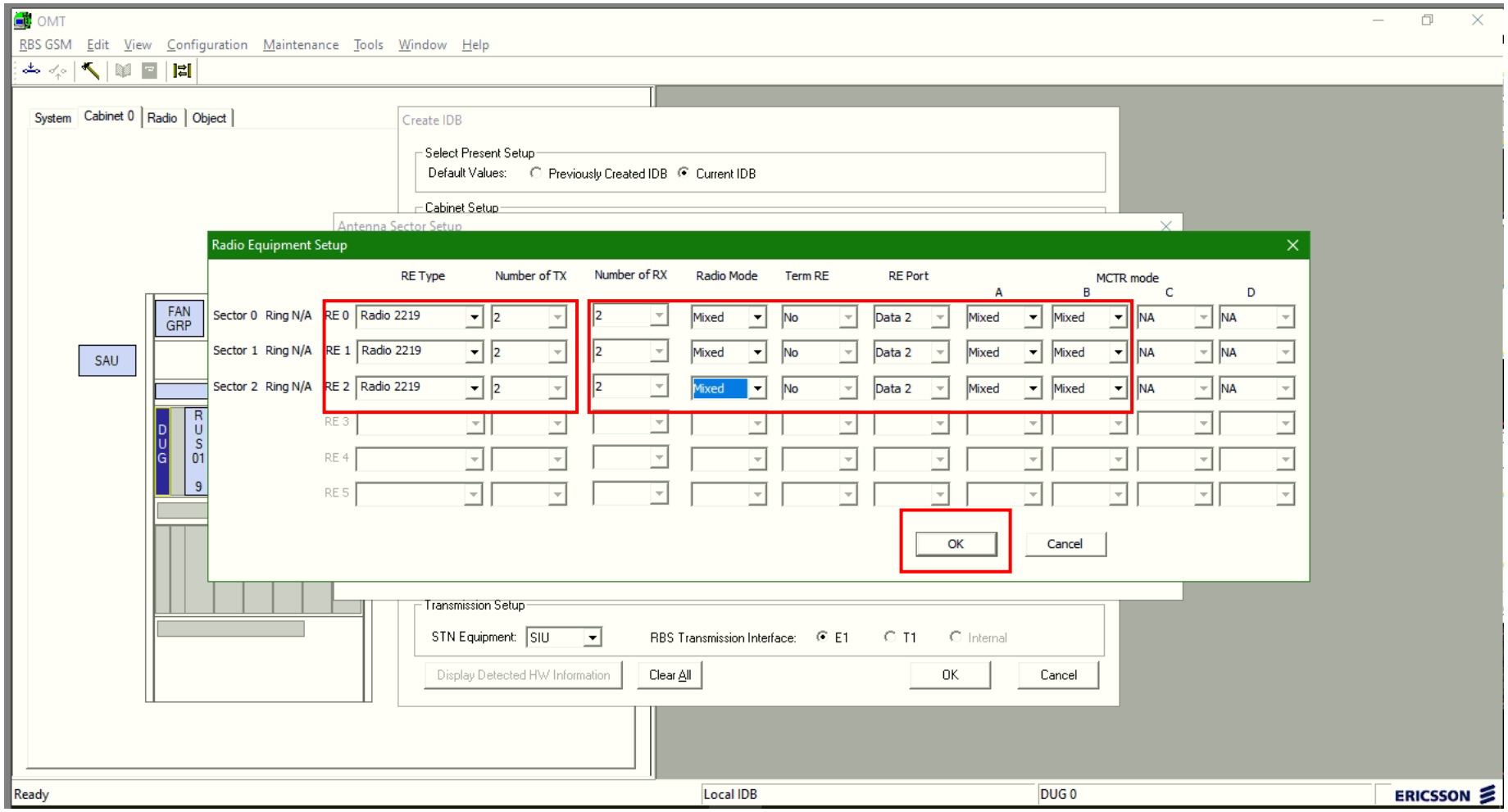
8 Click current IDB & modify



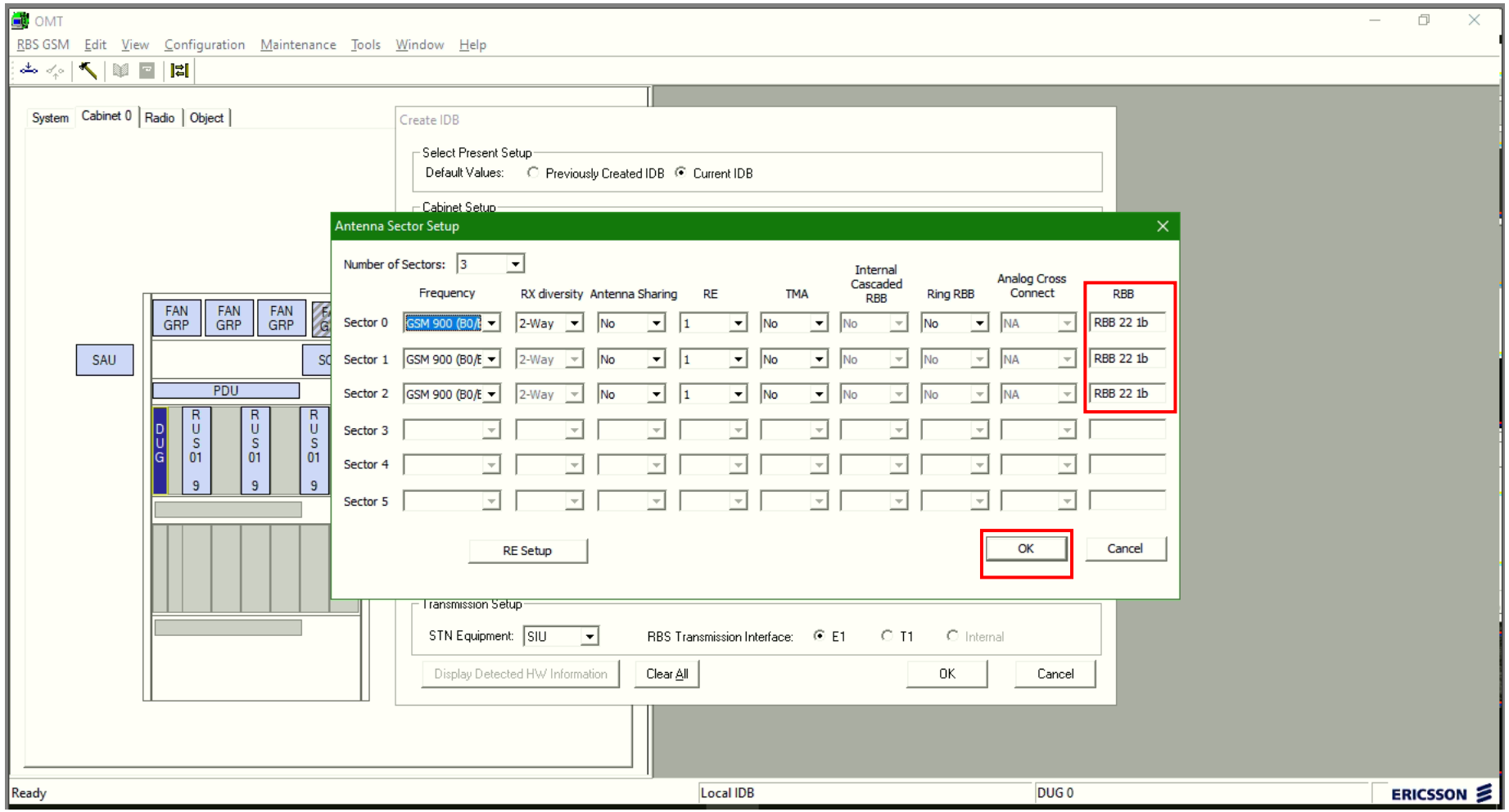
9 define as 3 sector , follow below , click RE setup



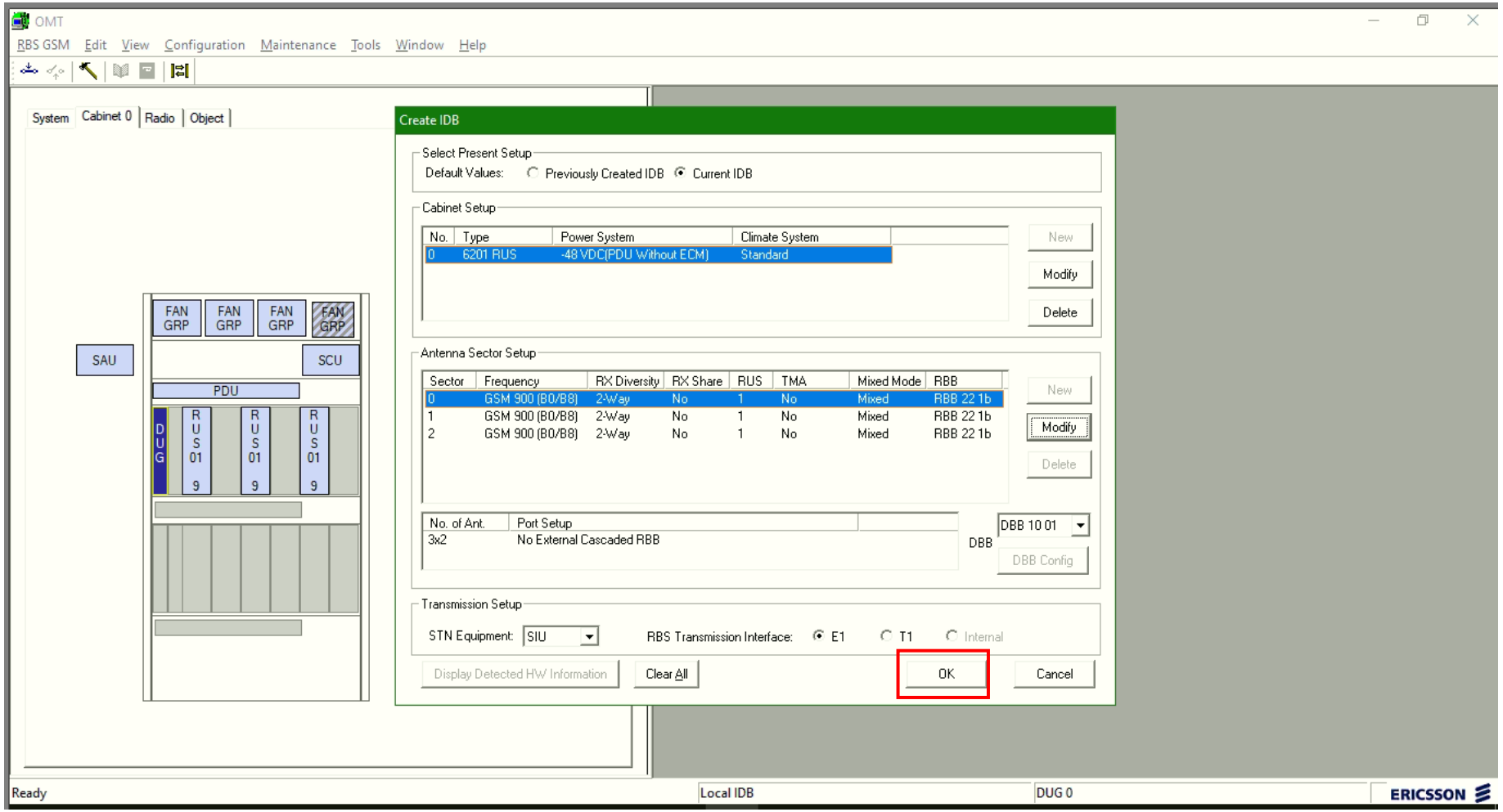
10 define as below if use RRU 2219 B8 , click ok



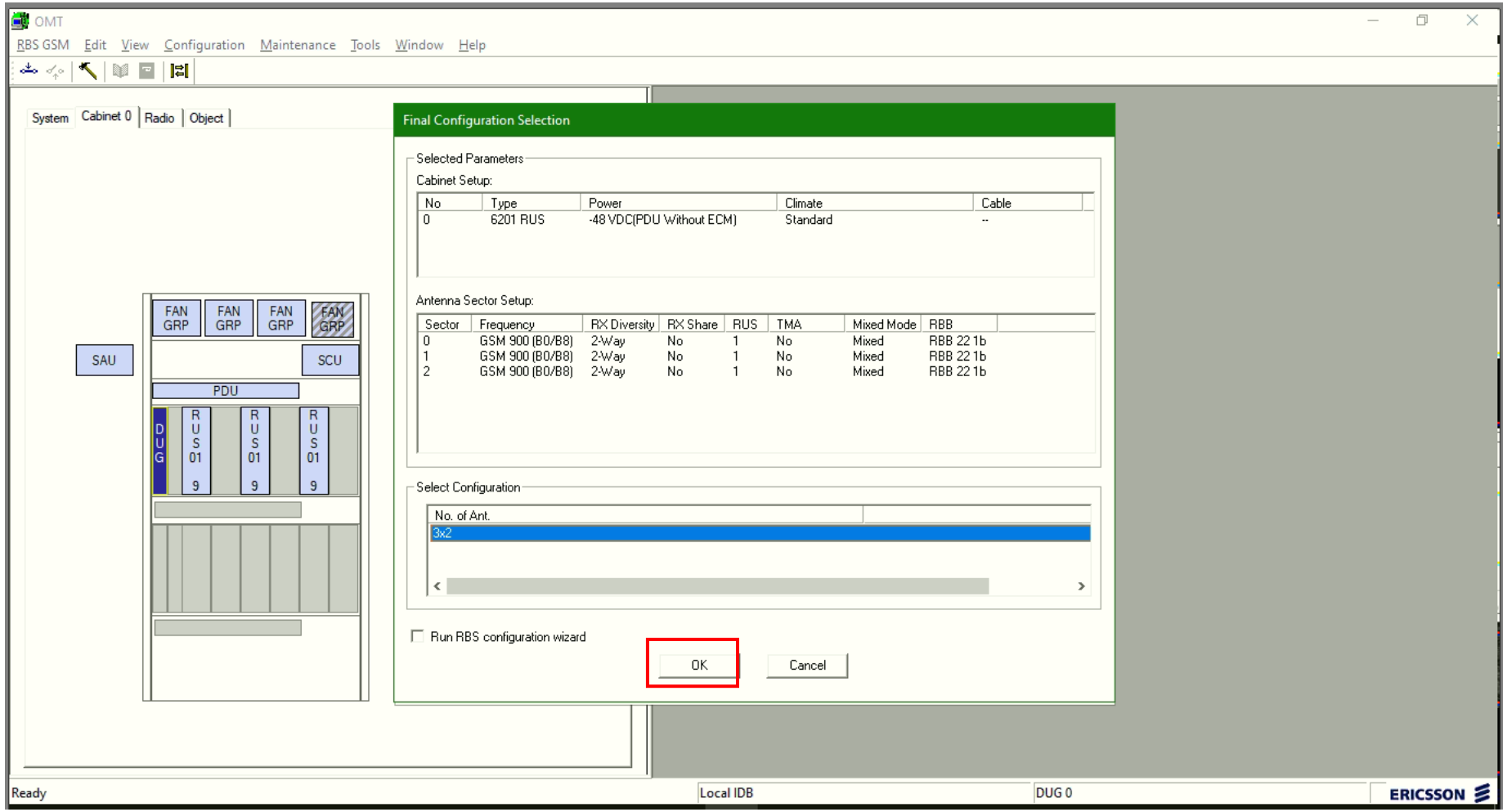
11 Check again , RBB already changed , click OK



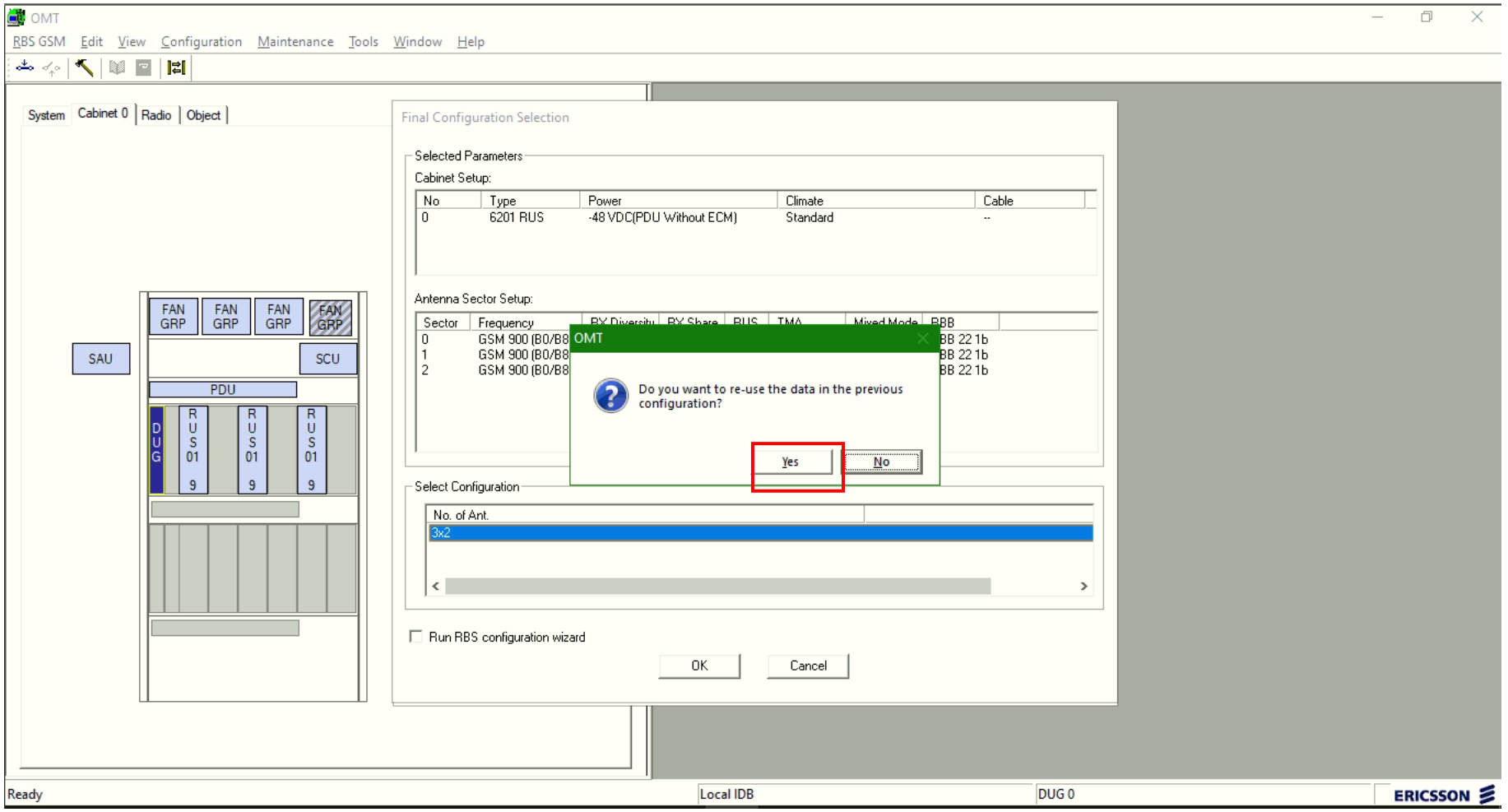
12 Check All & click ok



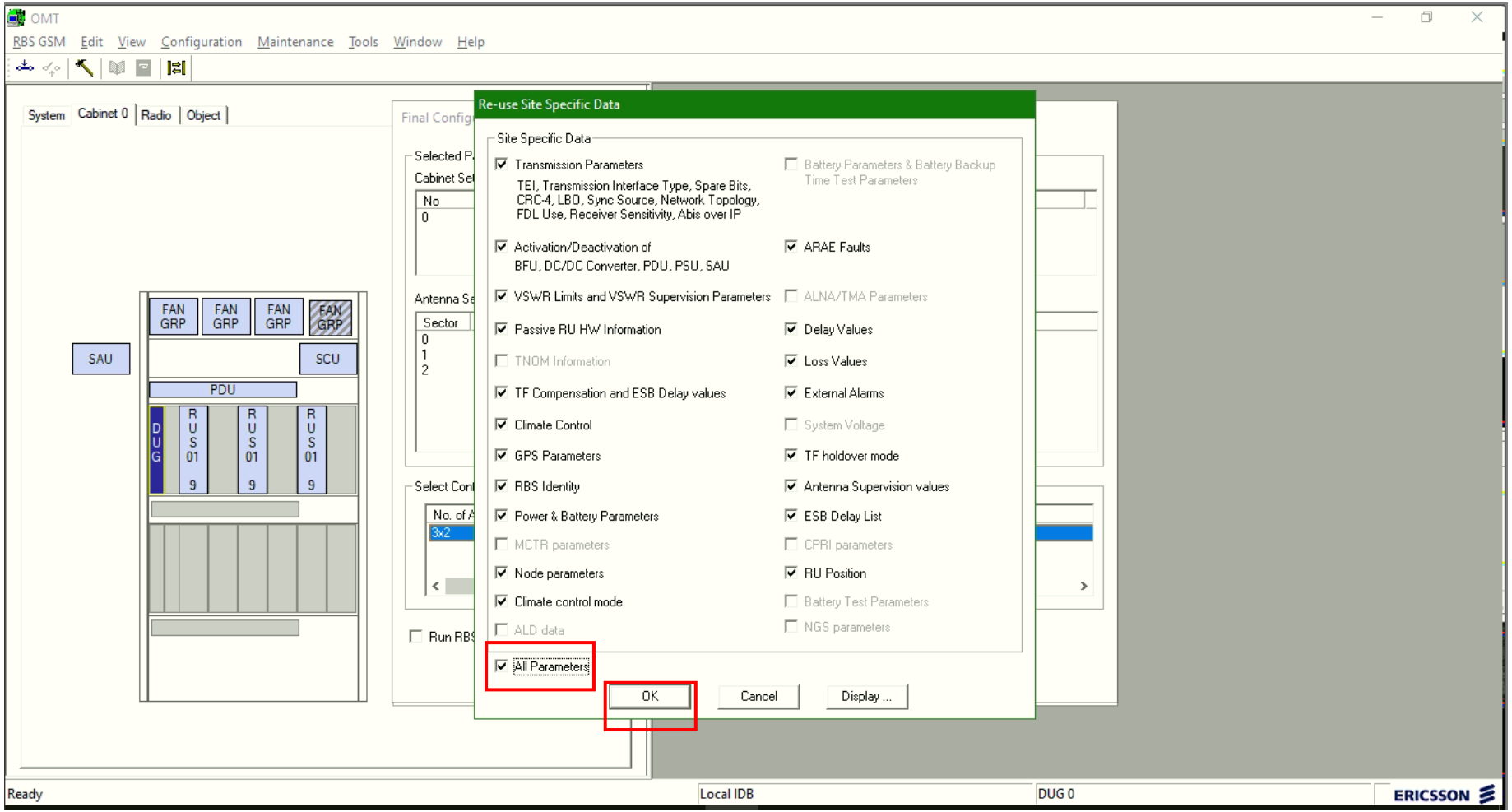
13 Check ,click ok



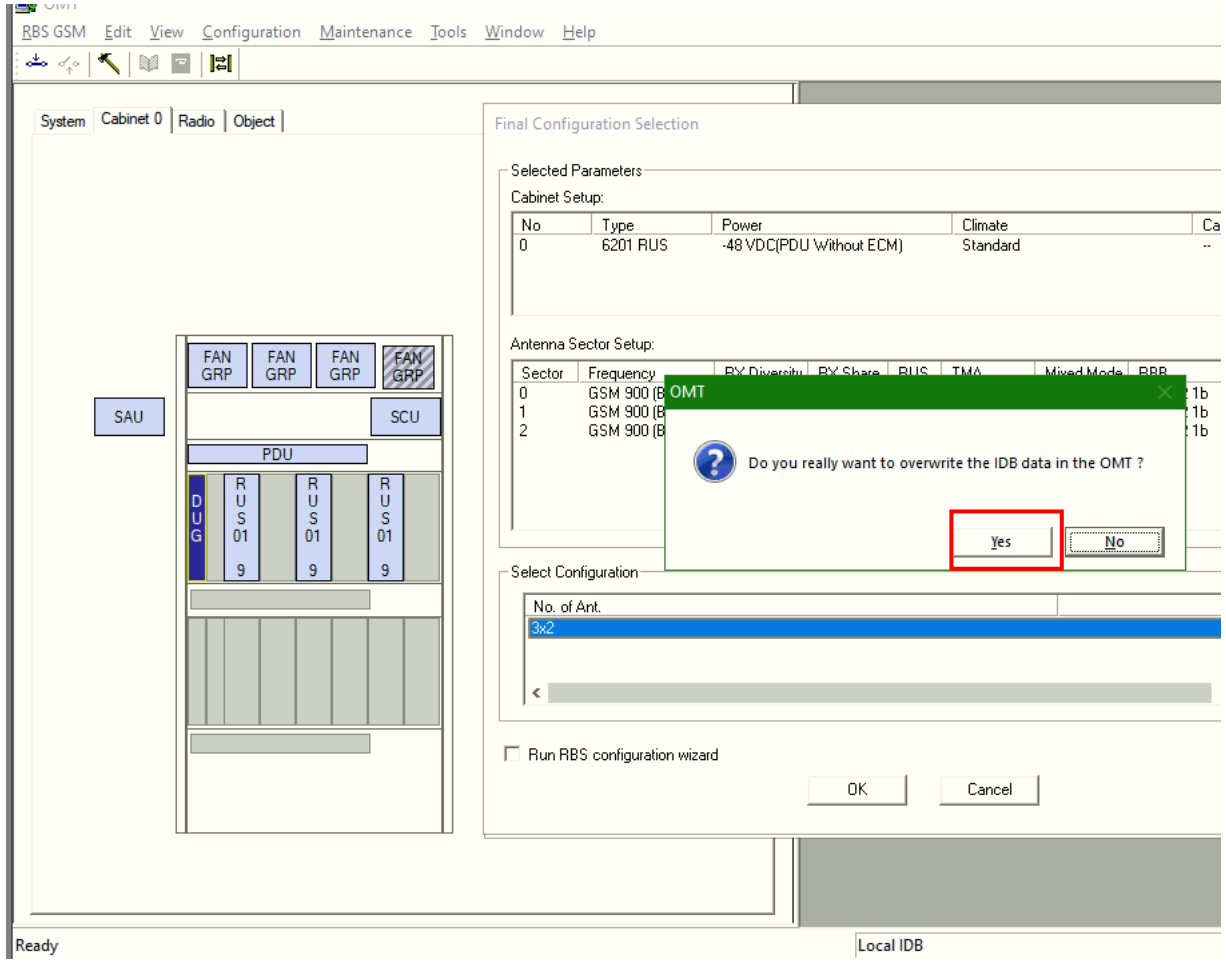
13 Check ,click ok

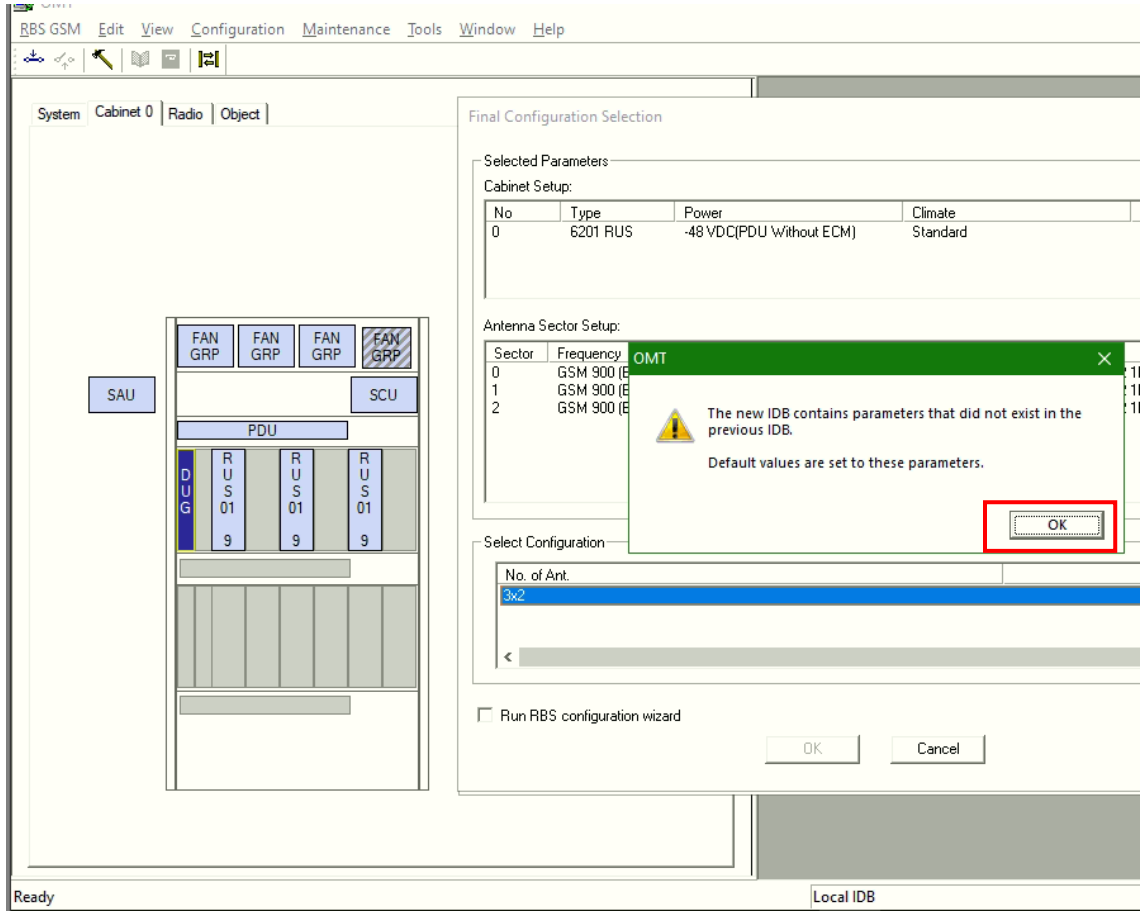


14 tick All parameter ,click ok

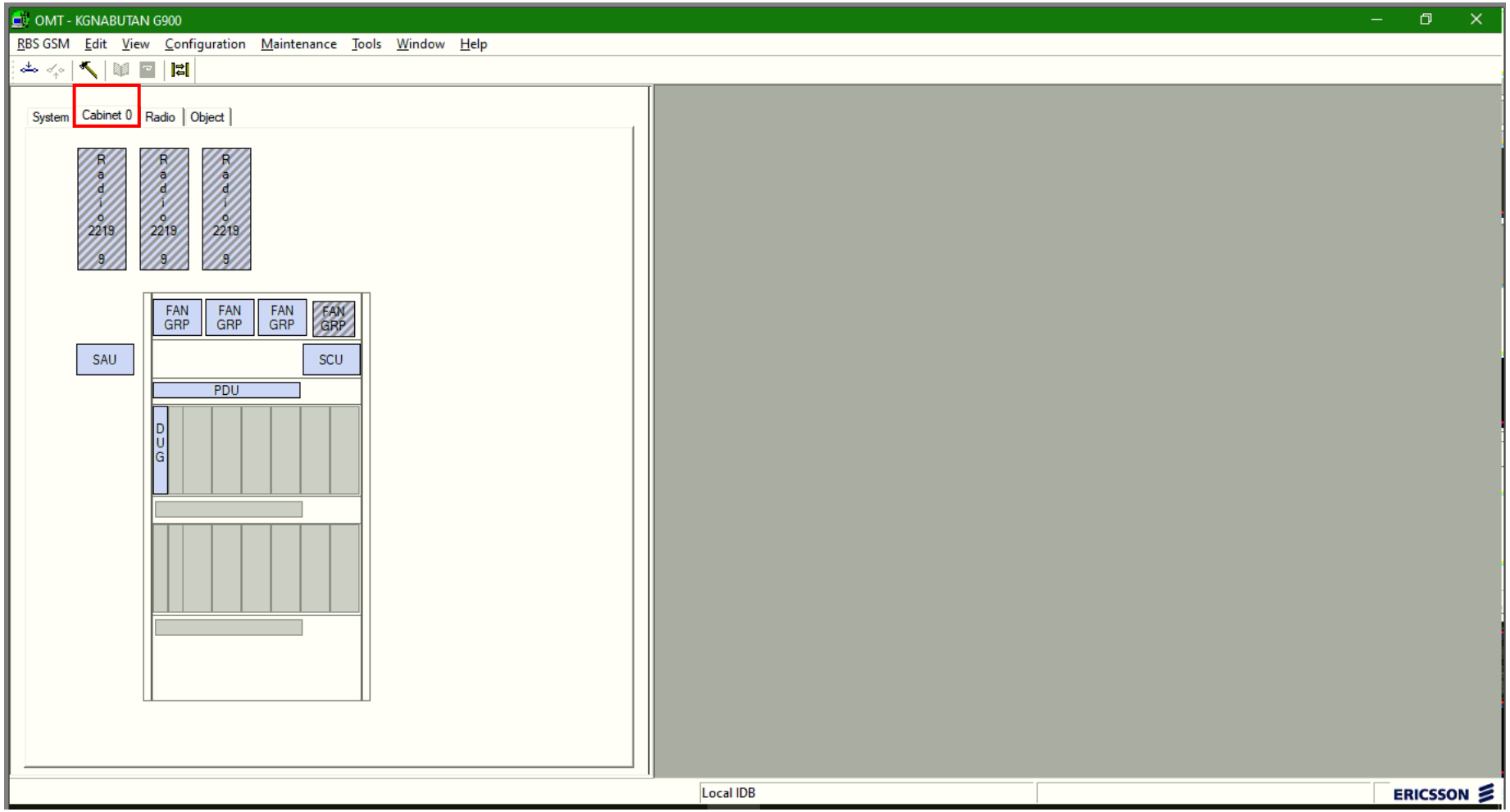


15 tick YES ,click ok

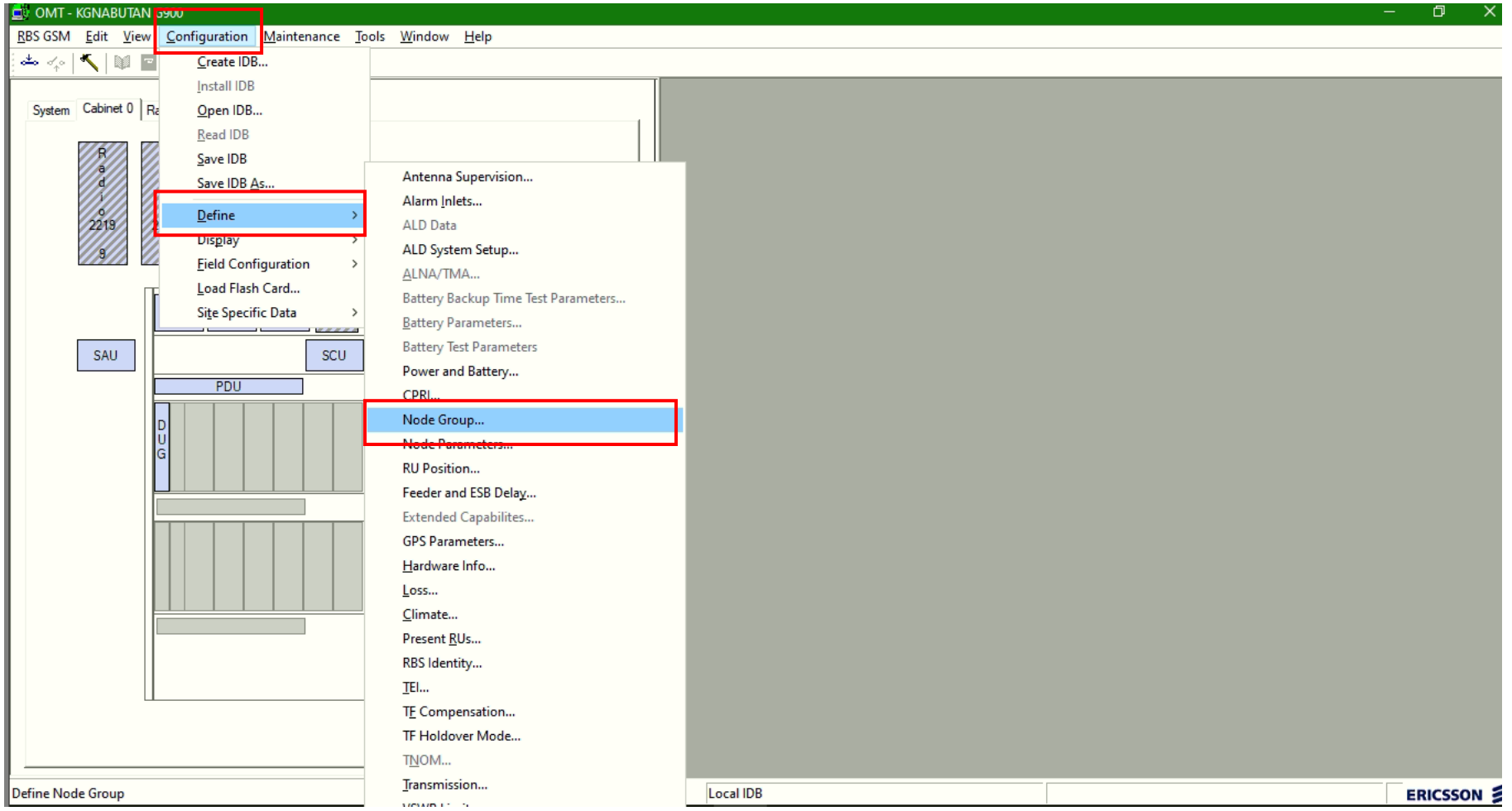




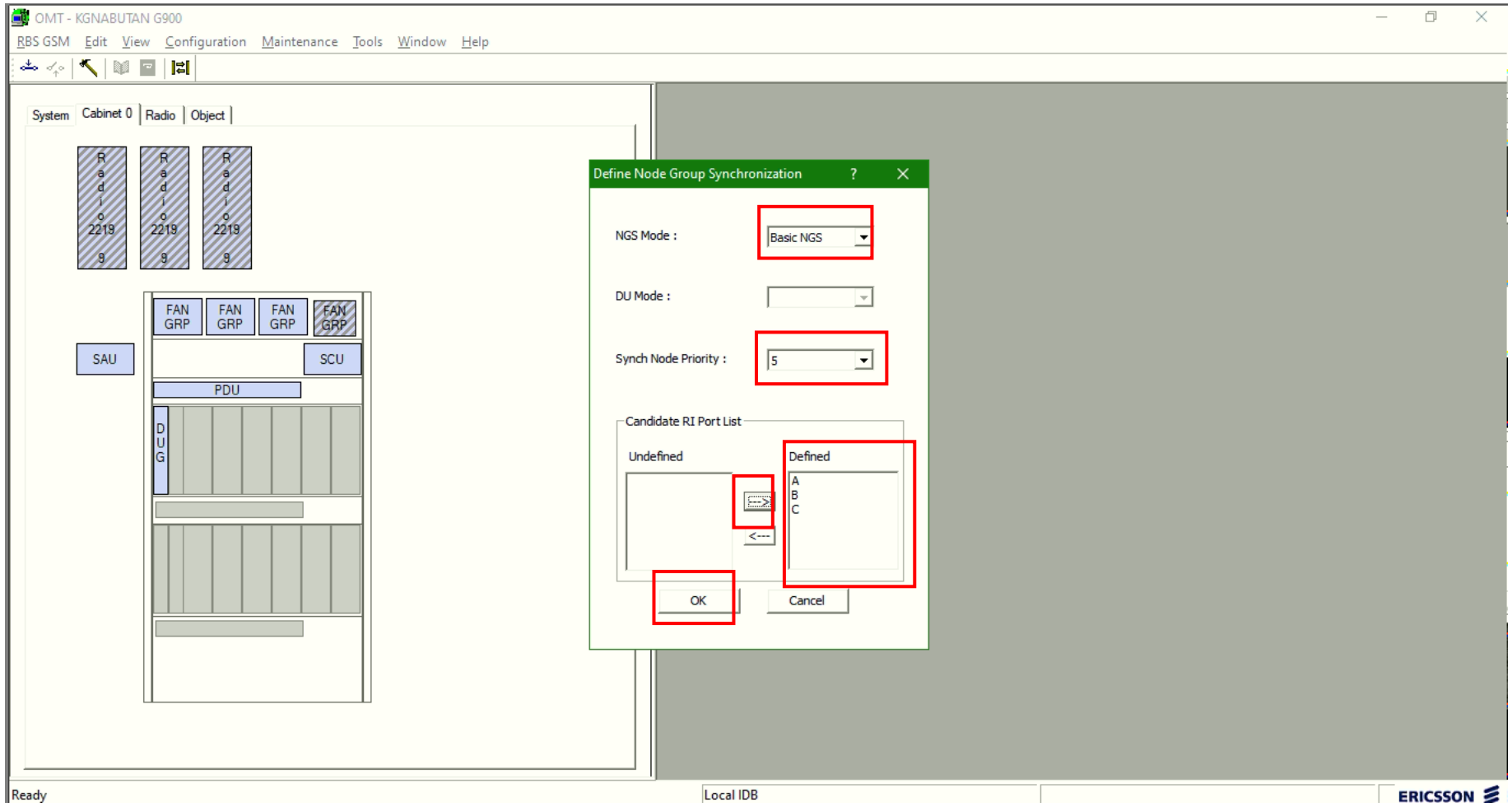
16 GO to cabinet & check diagram if ok



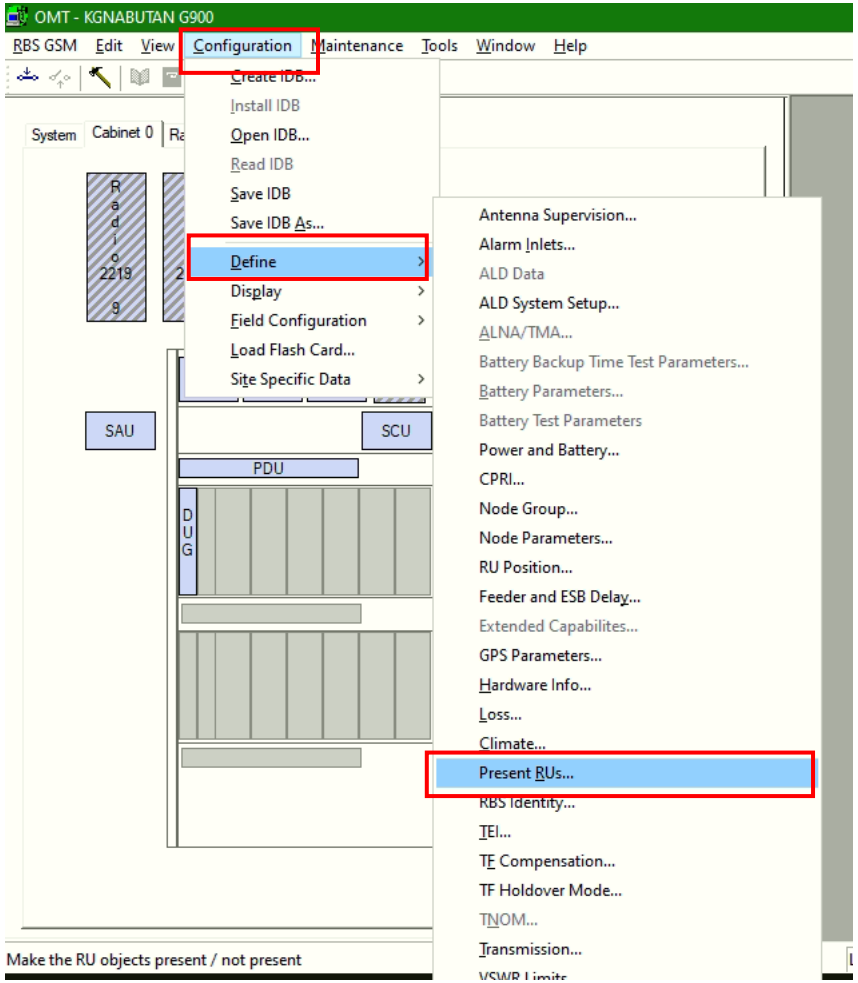
17 Create NGS , go to configuration > define > Node group



18 Set NGS > Basic NGS > Sync Priority 5 > defined all port ABC > click OK

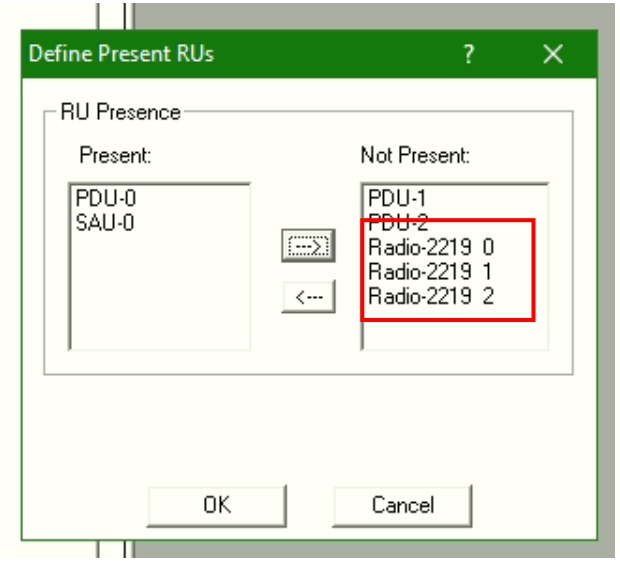


19 Present RUS , Configuration > define > Present RUS

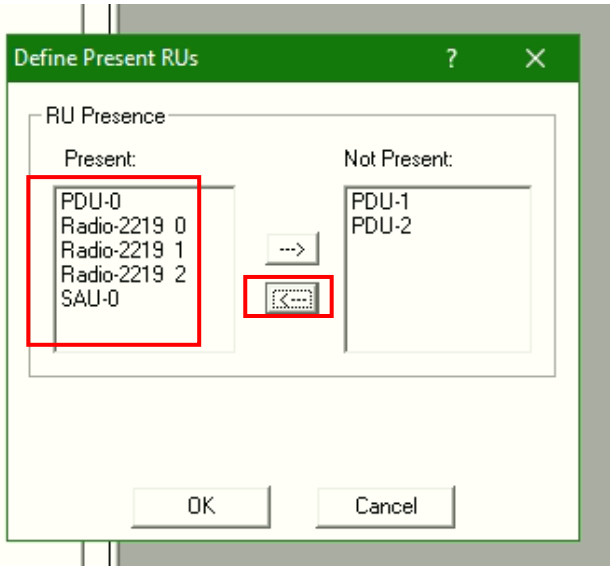


Present All RRU , preset how many PDU foolw on site & Preset SAU Installed at site

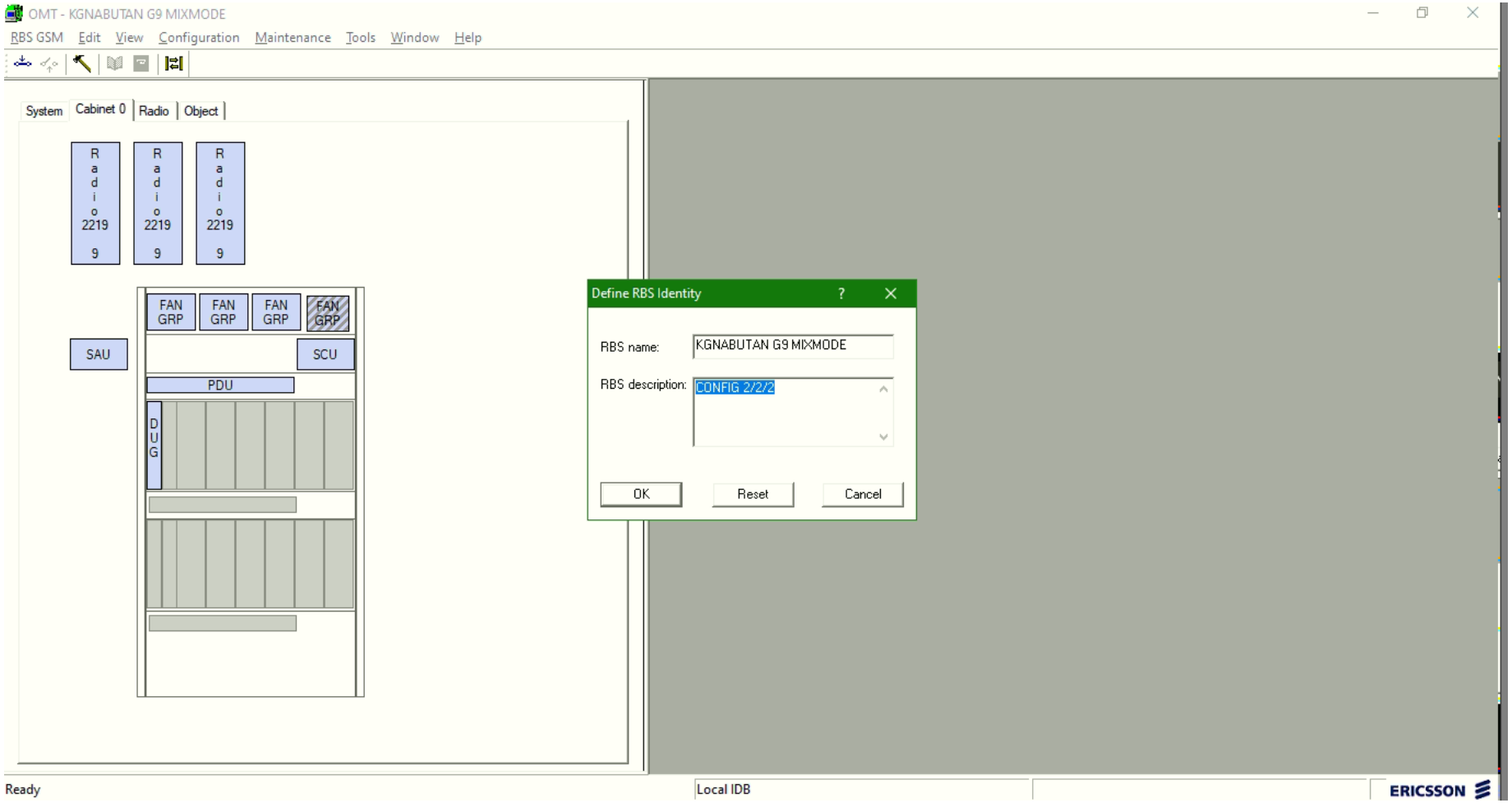
BEFORE



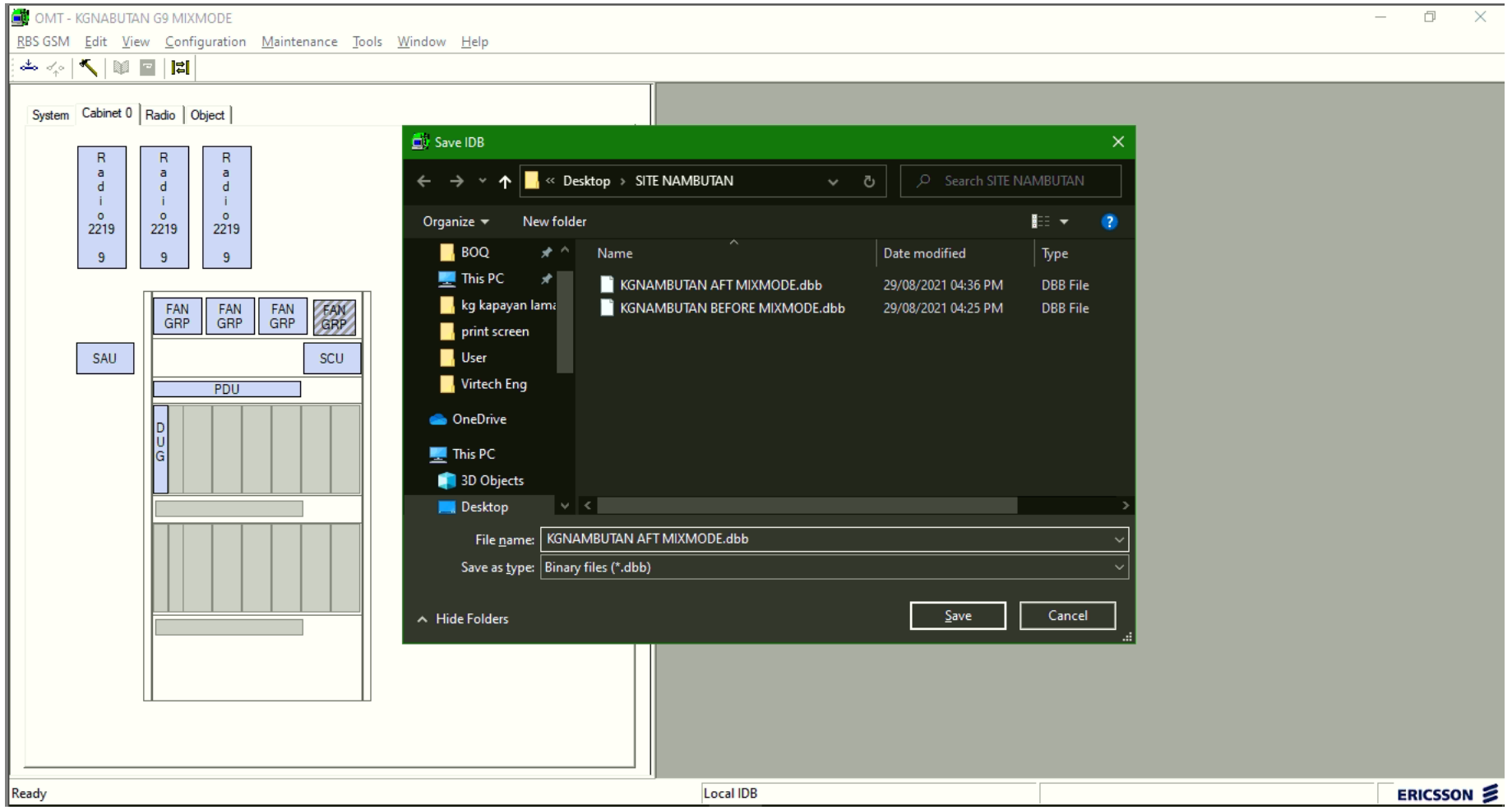
AFTER



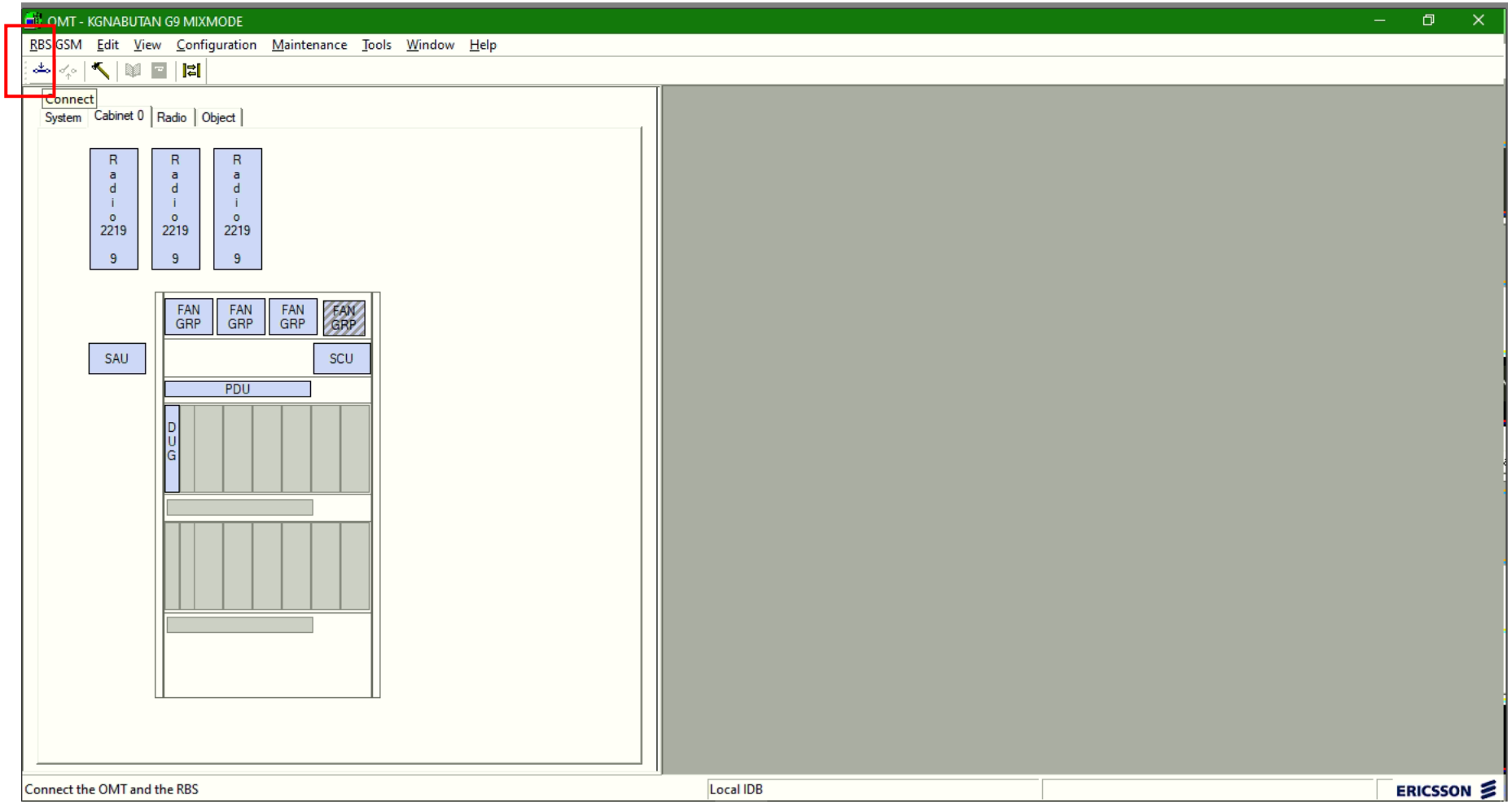
20 Change Name , configuration ,defibe rbs identity follow site name



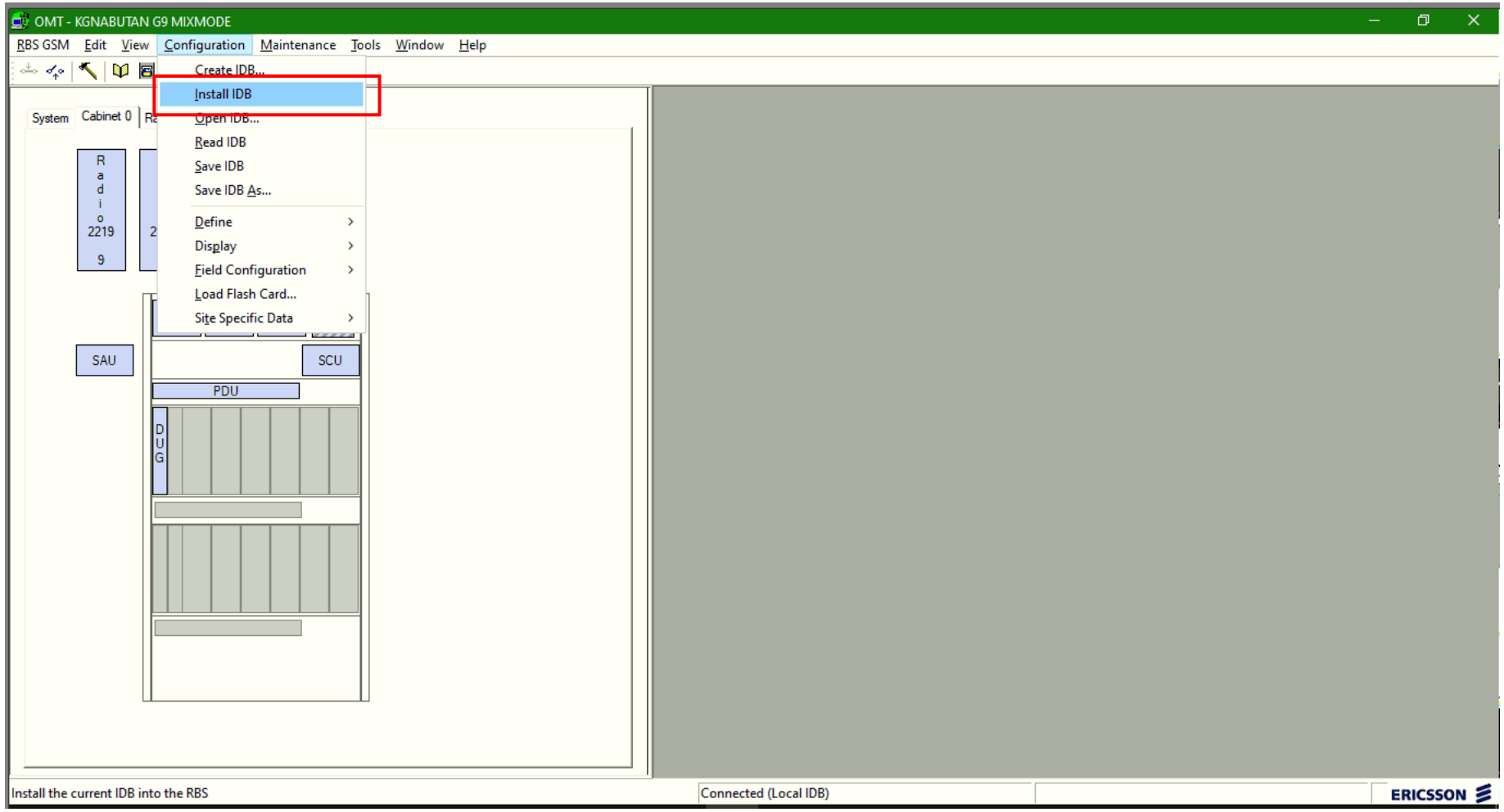
21 save idb , configuration , Save IDB as



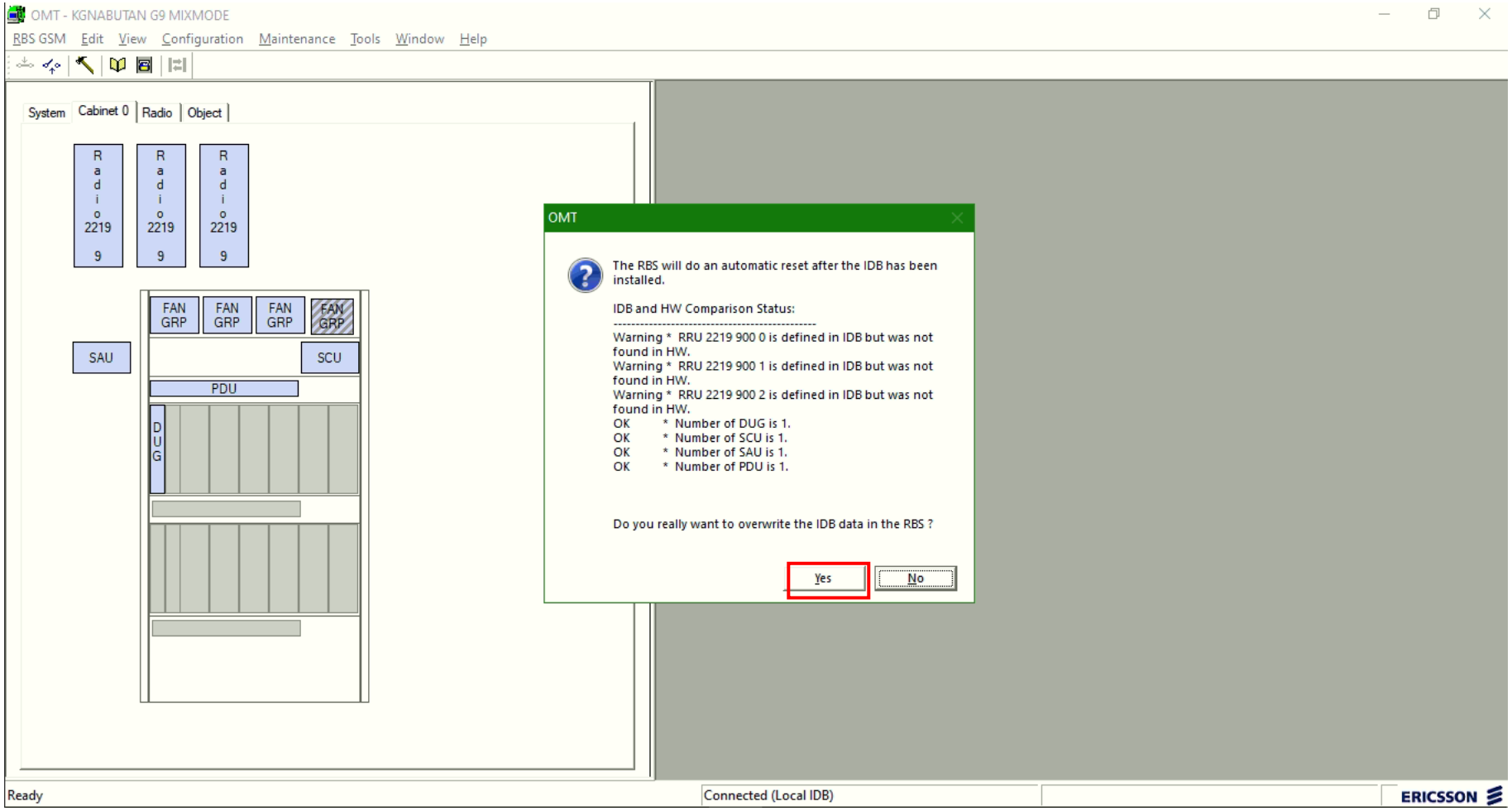
22 Connect OMT



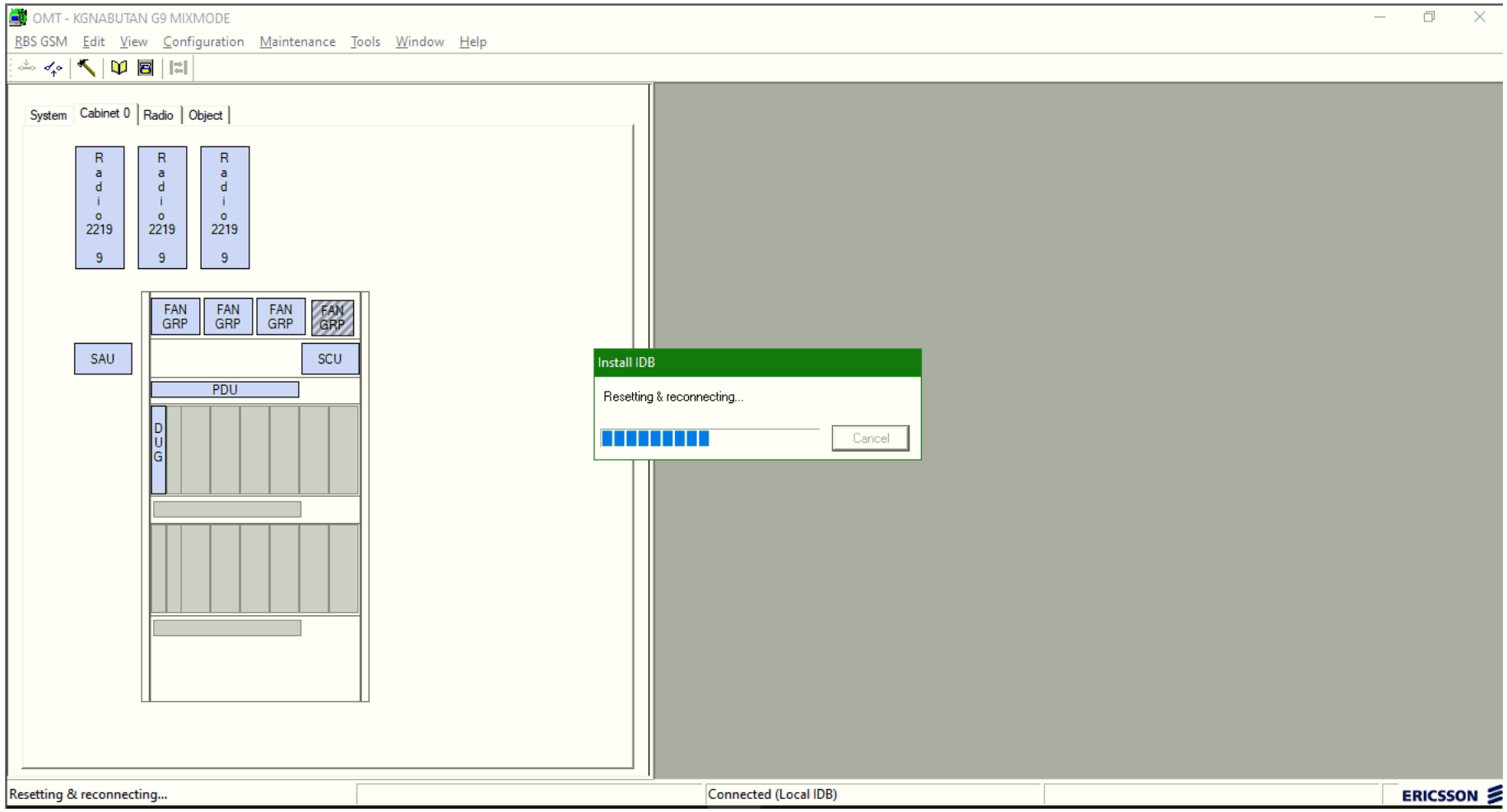
23 Configuration – install IDB



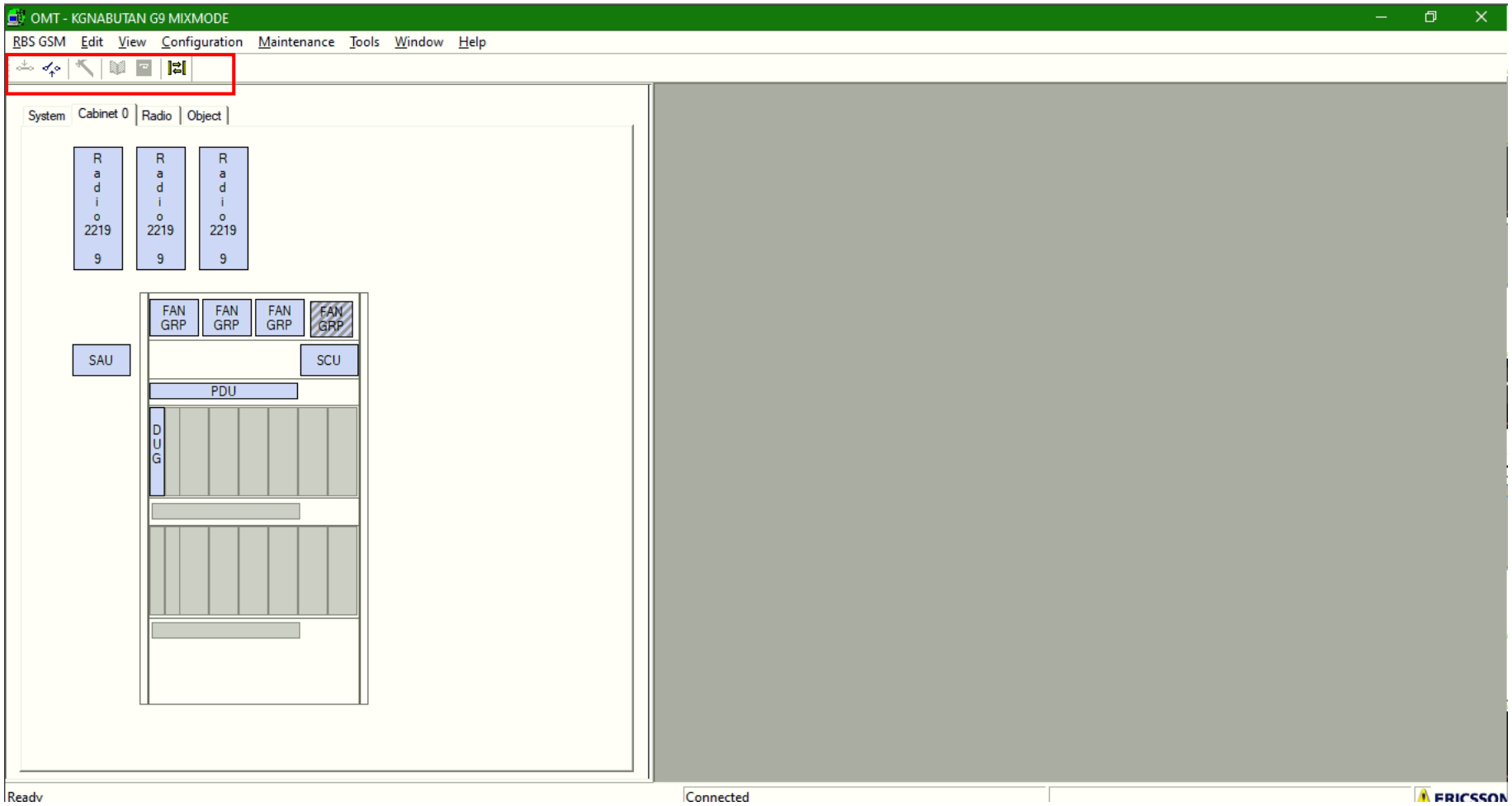
24 YES


OMT - KGNABUTAN G9 MIXMODE
RBS GSM Edit View Configuration Maintenance Tools Window Help
System Cabinet 0 Radio Object
Radio 2219 9
Radio 2219 9
Radio 2219 9
FAN GRP
FAN GRP
FAN GRP
FAN GRP
SAU
SCU
PDU
DUG
OMT
The RBS will do an automatic reset after the IDB has been installed.
IDB and HW Comparison Status:
Warning * RRU 2219 900 0 is defined in IDB but was not found in HW.
Warning * RRU 2219 900 1 is defined in IDB but was not found in HW.
Warning * RRU 2219 900 2 is defined in IDB but was not found in HW.
OK * Number of DUG is 1.
OK * Number of SCU is 1.
OK * Number of SAU is 1.
OK * Number of PDU is 1.
Do you really want to overwrite the IDB data in the RBS ?
Yes
No
Ready
Connected (Local IDB)
ERICSSON

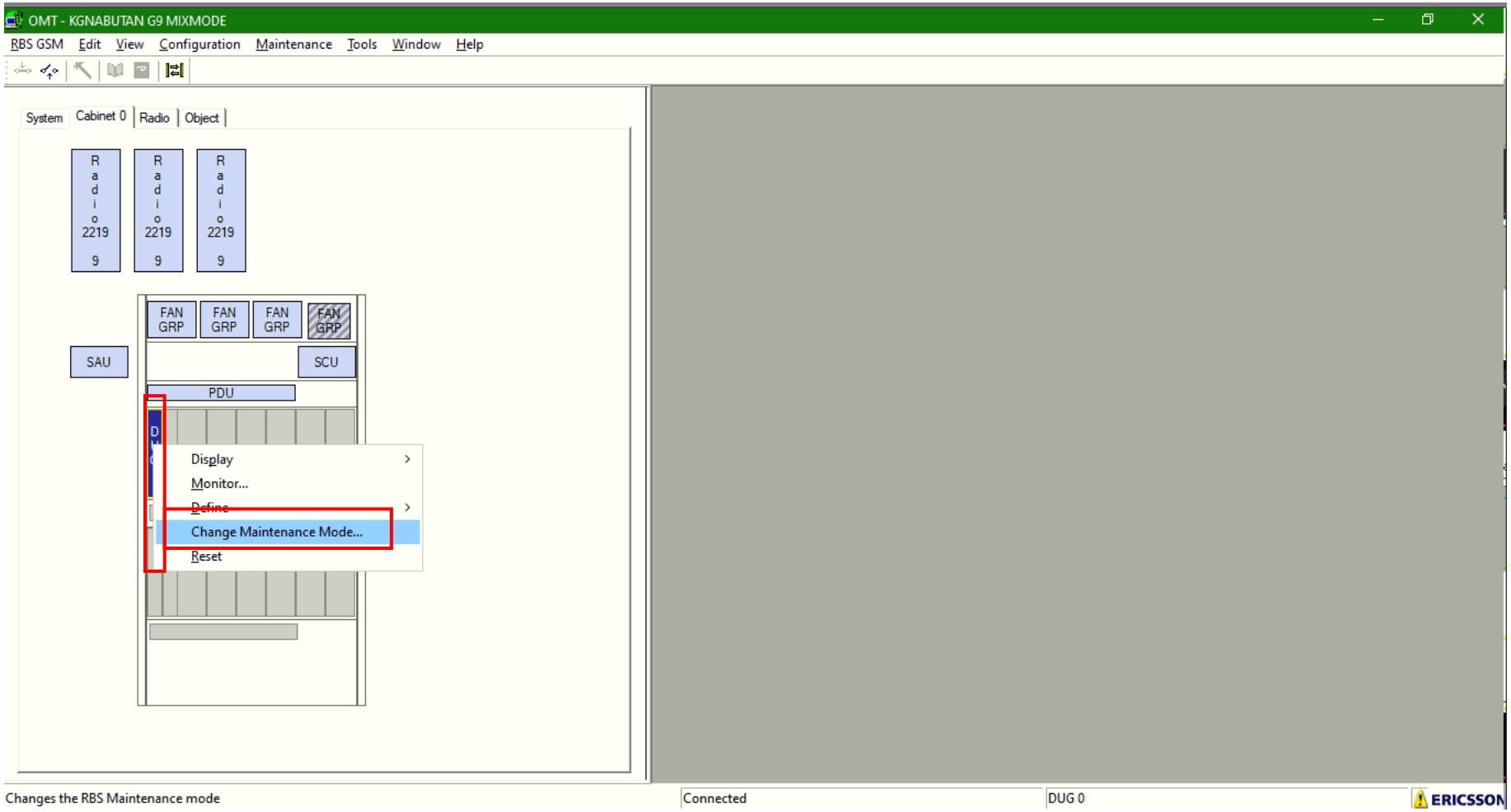
25 WAIT UNTIL FINISH



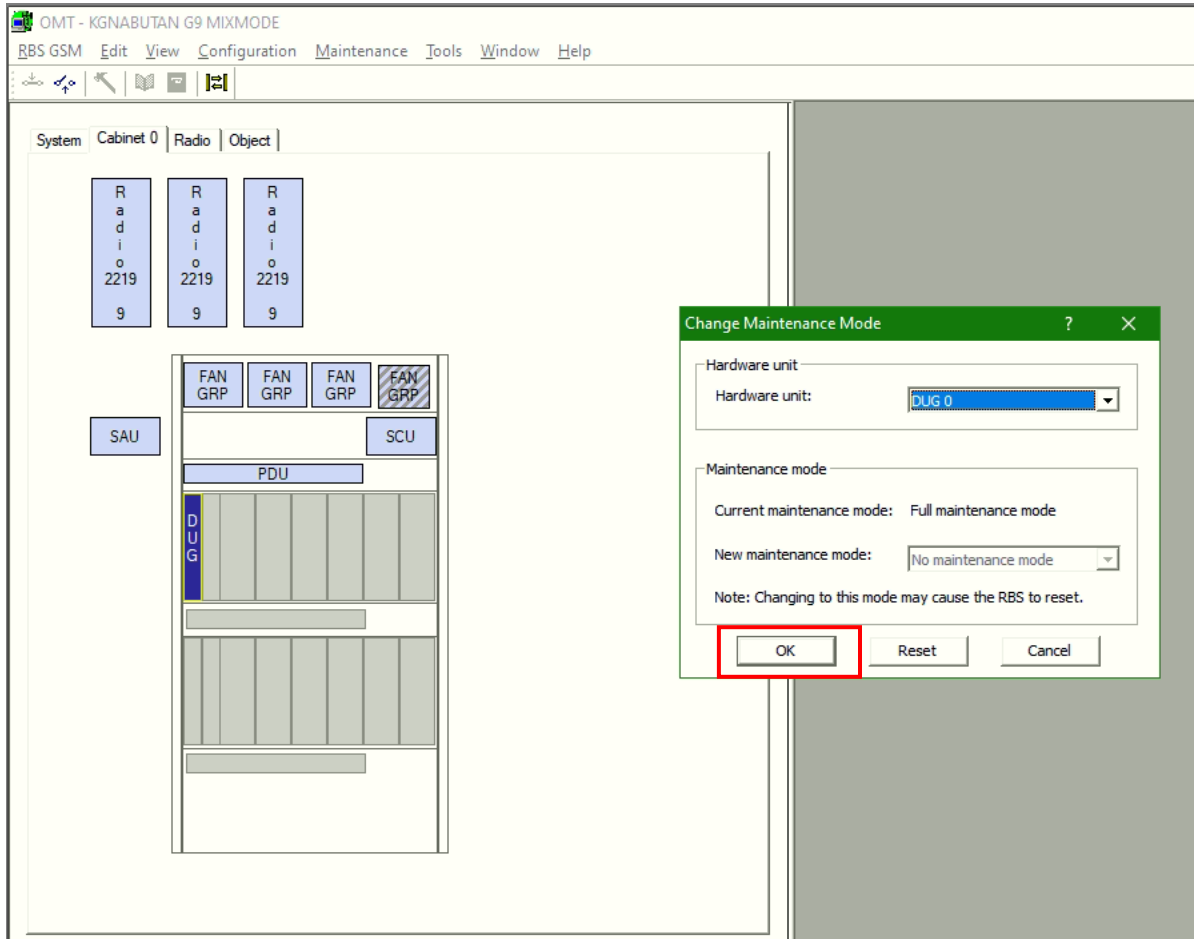
26 CONNECT BACK OMT AFT LOAD IDB

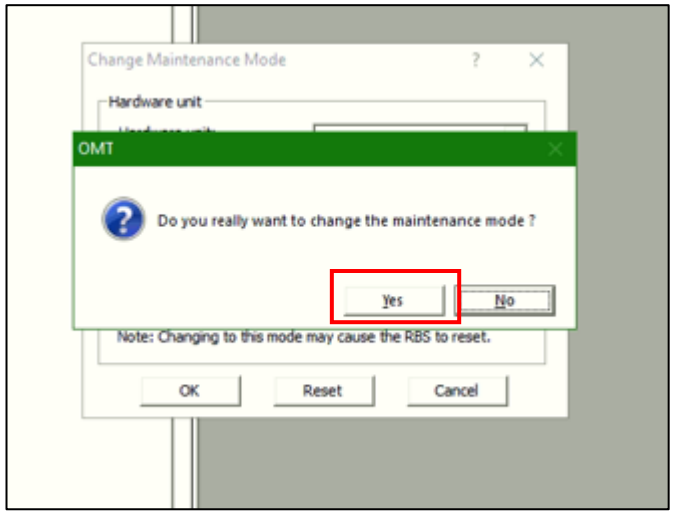


27 GO TO DUG , right click , change maintenance mode

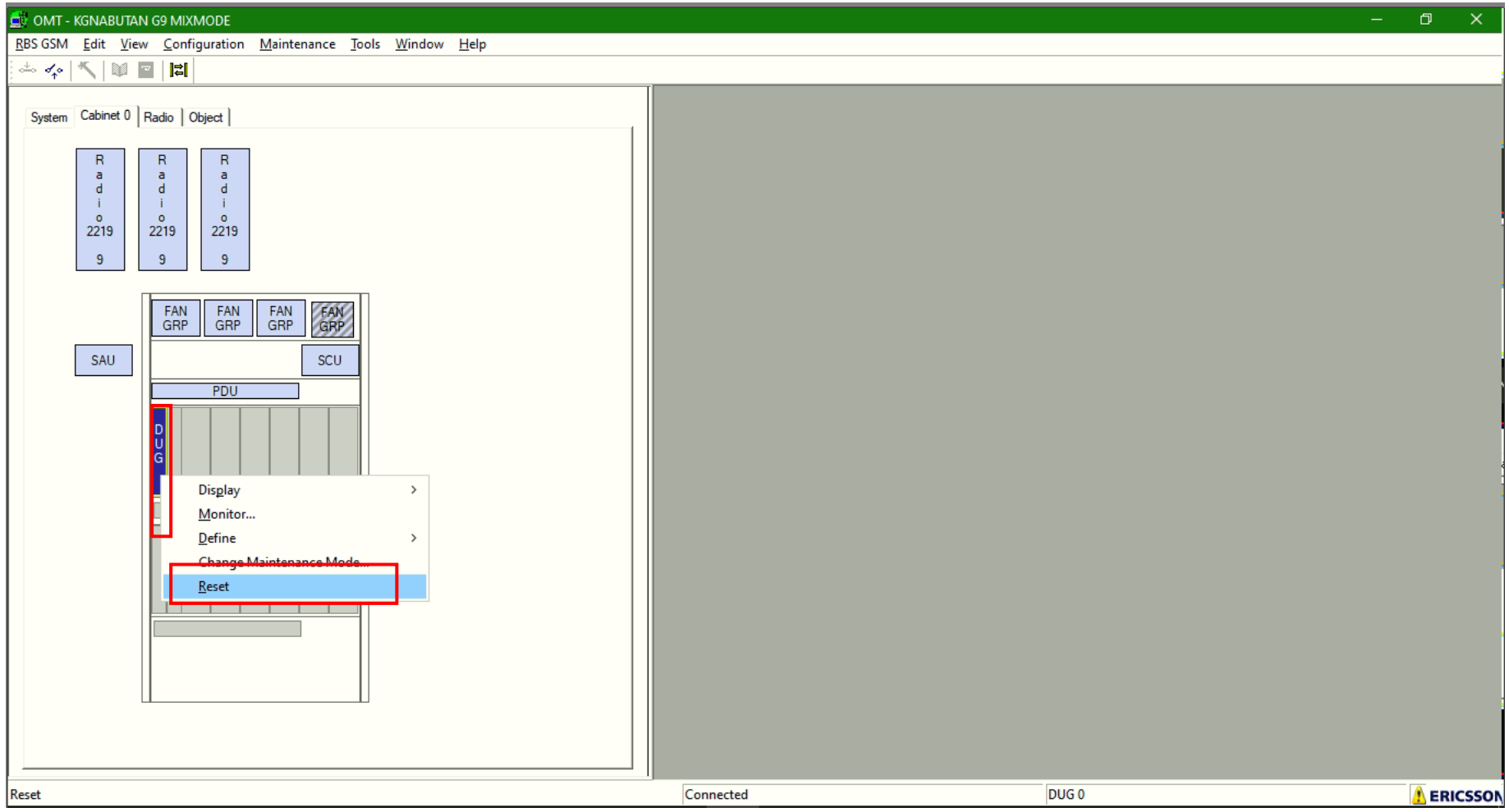


28 Current maintenance mode (dug still locked) click ok for unlock - yes



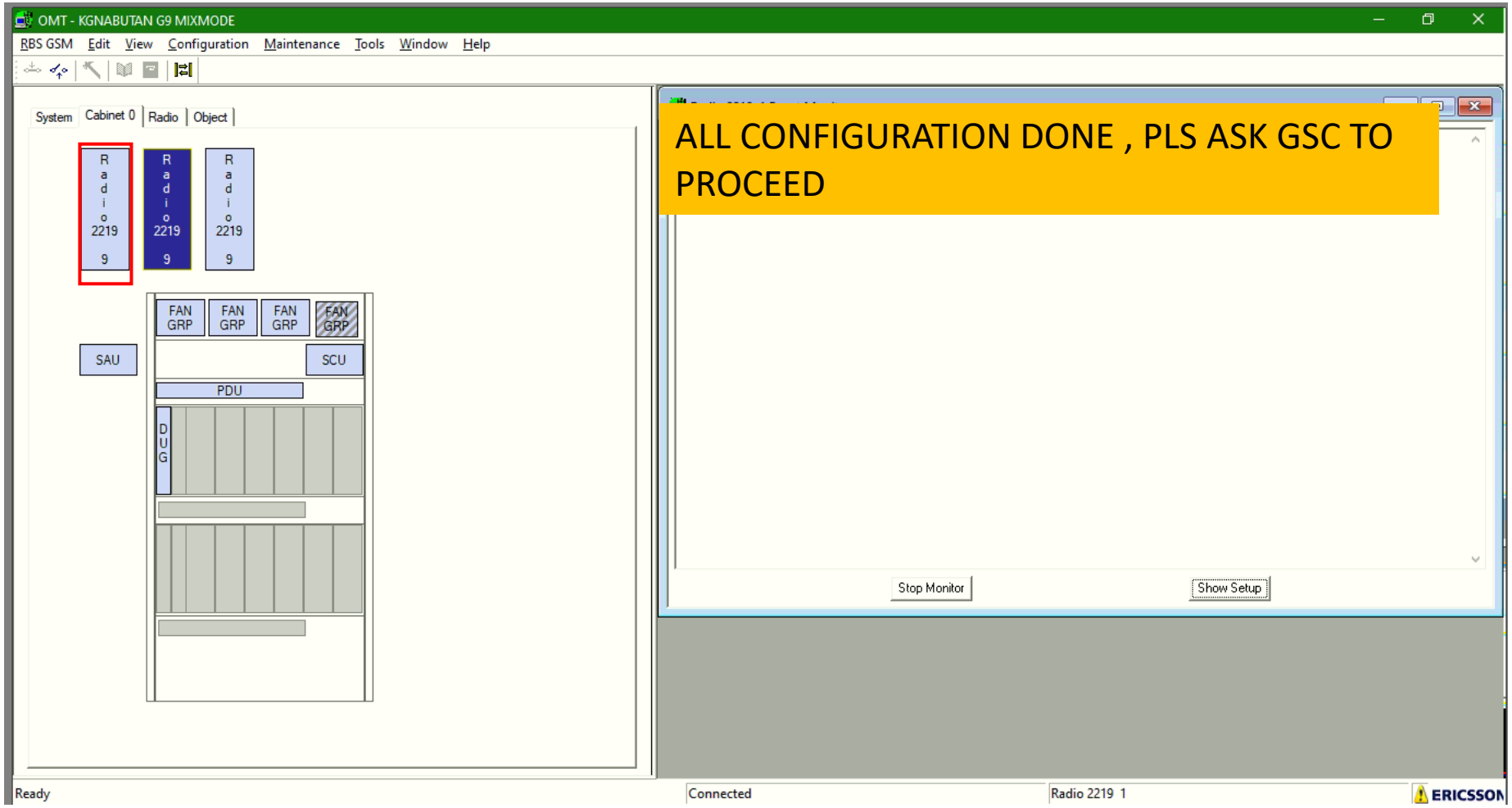


29 GO TO DUG , right click , press reset for restart DUG



30

After reset , GO TO rru , right click , press monitor VSWR , if can read vswr means all ok , ASK GSC to proceed integration 2G




KEEP
CALM
AND SAY
ALHAMDULILLAH
Prof Tahir