

2. Specification

2-1. GSM General Specification

	GSM850	EGSM 900	DCS1800	PCS1900	WCDMA 2100	WCDMA 1900	WCDMA Band4	WCDMA 850	WCDMA 900
Freq. Band[MHz] Uplink/ Downlink	824~849 869~894	880~915 925~960	1710~1785 1805~1880	1850~1910 1930~1990	1922~1977 2112~2167	1852~1907 1932~1987	1710~1755 2110~2155	824~849 869~894	925~960 880~915
ARFCN range	128~251	0~124 & 975~1023	512~885	512~810	UL: 9612~9888 DL: 10562~10838	UL: 9262~9538 DL: 9662~9938	UL: 1312~1513 DL: 1537~1738	UL: 4132~4233 DL: 4357~4458	UL: 3450~3799 DL: 21450~21799
Tx/Rx spacing	45MHz	45MHz	95MHz	80MHz	190MHz	80MHz	400MHz	45MHz	45MHz
Mod. Bit rate/ Bit Period	270.833kbp 3.692us	270.833kbp 3.692us	270.833kbp 3.692us	270.833kbp 3.692us	3.84Mcps	3.84Mcps	3.84Mcps	3.84Mcps	3.84Mcps
Time Slot Period/ Frame Period	576.9us 4.615ms	576.9us 4.615ms	576.9us 4.615ms	576.9us 4.615ms	FrameLength: 10ms Slotlength: 0.667ms	FrameLength: 10ms Slotlength: 0.667ms	FrameLength: 10ms Slotlength: 0.667ms	FrameLength: 10ms Slotlength: 0.667ms	FrameLength: 10ms Slotlength: 0.667ms
Modulation	0.3GMSK	0.3GMSK	0.3GMSK	0.3GMSK	QPSK HQPSK	QPSK HQPSK	QPSK HQPSK	QPSK HQPSK	QPSK HQPSK
MS Power	33dBm~5dBm	33dBm~5dBm	30dBm~0dBm	30dBm~0dBm	24dBm~ -50dBm	24dBm~ -50dBm	24dBm~ -50dBm	24dBm~ -50dBm	24dBm~ -50dBm
Power Class	5pcl ~ 19pcl	5pcl ~ 19pcl	0pcl ~ 15pcl	0pcl ~ 15pcl	3(max +24dBm)	3(max +24dBm)	3(max +24dBm)	3(max +24dBm)	3(max +24dBm)
Sensitivity	-102dBm	-102dBm	-100dBm	-100dBm	106.7dBm	106.7dBm	106.7dBm	106.7dBm	106.7dBm
TDMA Mux	8	8	8	8	8	8	8	8	8
Cell Radius	35Km	35Km	2Km	2Km	2Km	2Km	2Km	2Km	2Km

2. Specification

2-2. GSM Tx Power Class

TX Power control level	GSM850	TX Power control level	EGSM900	TX Power control level	DCS1800	TX Power control level	PCS1900
5	33±2 dBm	5	33±2 dBm	0	30±3 dBm	0	30±3 dBm
6	31±2 dBm	6	31±2 dBm	1	28±3 dBm	1	28±3 dBm
7	29±2 dBm	7	29±2 dBm	2	26±3 dBm	2	26±3 dBm
8	27±2 dBm	8	27±2 dBm	3	24±3 dBm	3	24±3 dBm
9	25±2 dBm	9	25±2 dBm	4	22±3 dBm	4	22±3 dBm
10	23±2 dBm	10	23±2 dBm	5	20±3 dBm	5	20±3 dBm
11	21±2 dBm	11	21±2 dBm	6	18±3 dBm	6	18±3 dBm
12	19±2 dBm	12	19±2 dBm	7	16±3 dBm	7	16±3 dBm
13	17±2 dBm	13	17±2 dBm	8	14±3 dBm	8	14±3 dBm
14	15±2 dBm	14	15±2 dBm	9	12±4 dBm	9	12±4 dBm
15	13±2 dBm	15	13±2 dBm	10	10±4 dBm	10	10±4 dBm
16	11±3 dBm	16	11±3 dBm	11	8±4 dBm	11	8±4 dBm
17	9±3dBm	17	9±3dBm	12	6±4 dBm	12	6±4 dBm
18	7±3 dBm	18	7±3 dBm	13	4±4 dBm	13	4±4 dBm
19	5±3 dBm	19	5±3 dBm	14	2±5 dBm	14	2±5 dBm
				15	0±5 dBm	15	0±5 dBm

2. Specification

2-3-1. LTE General Specification

	LTE Band1	LTE Band2	LTE Band3	LTE Band4	LTE Band5
Freq. Band[MHz] Uplink/ Downlink	1920~1980 2110~2170	1850~1910 1930~1990	1710~1785 1805~1880	1710~1755 2110~2155	824~849 869~894
ARFCN range	UL: 18000~18599 DL: 0~599	UL: 18600~19199 DL: 600~1199	UL: 19200~19949 DL: 1200~1949	UL: 19950~20399 DL: 1950~2399	UL: 20400~20649 DL: 2400~2649
Tx/Rx spacing	190MHz	80MHz	95MHz	400MHz	45MHz
Channel Bandwidth	5/10/15/20 MHz	1.4/3/5/10/15/20 MHz	1.4/3/5/10/15/20 MHz	1.4/3/5/10/15/20 MHz	1.4/3/5/10 MHz
Modulation	QPSK, 16/64QAM	QPSK, 16/64QAM	QPSK, 16/64QAM	QPSK, 16/64QAM	QPSK, 16/64QAM
MS Power (MPR)	-35~25.7 dBm	-35~25.7 dBm	-35~25.7 dBm	-35~25.7 dBm	-35~25.7 dBm
Sensitivit (QPSK) (BW 10MHz)	-97dBm	-95dBm	-94dBm	-92dBm	-92dBm
Cell Radius	>5Km	>5Km	>5Km	>5Km	>5Km

2. Specification

2-3-2. LTE General Specification

	LTE Band7	LTE Band8	LTE Band17	LTE Band28	LTE Band38	LTE Band40
Freq. Band[MHz] Uplink/ Downlink	2500~2570 2620~2690	880~915 925~960	704~716 734~746	703~748 758~803	2570~2620	2300~2400
ARFCN range	UL: 20750~21449 DL: 2750~3449	UL: 21450~21799 DL: 3450~3799	UL: 23730~23849 DL: 5730~5849	UL: 27210~27659 DL: 9210~9659	37750~38249	38650~39649
Tx/Rx spacing	120MHz	45MHZ	30MHz	55MHz	-	-
Channel Bandwidth	5/10/15/20 MHz	1.4/3/5/10MHz	5/10MHz	3/5/10/15/20 MHz	5/10/15/20 MHz	5/10/15/20 MHz
Modulation	QPSK, 16/64QAM	QPSK, 16/64QAM	QPSK, 16/64QAM	QPSK, 16/64QAM	QPSK, 16/64QAM	QPSK, 16/64QAM
MS Power (MPR)	-35~25.7 dBm	-35~25.7 dBm	-35~25.7 dBm	-35~25.7 dBm	-35~25.7 dBm	-35~25.7 dBm
Sensitivit (QPSK) (BW 10MHz)	-95dBm	-94dBm	-92dBm	-92dBm	-97dBm	-97dBm
Cell Radius	>5Km	>5Km	>5Km	>5Km	>5Km	>5Km

3. Operation Instruction and Installation

Main Function

Item	Description
OS	Android V6.0(Marshmallow)
RF	2G GSM Quad, 3G WCDMA B1,B2,B4,B5,B8, LTE FDD B1,B2,B3,B4,B5,B7,B8,B17,B28 LTE TDD B38, B40
Battery	5,000mAh
Base Band	1.8GHz, 1.4GHz Octa-Core
Other RF	A-GPS, Glonass, Beidou / BT v4.2, USB v2.0 / NFC, WIFI (802.11 a/b/g/n/ac 2.4GHz+5GHz), MST
Camera	16.0 MP OIS(Main), 8.0 MP(Front)
LCD	6" 1920×1080 FHD Super AMOLED
RAM	4GB RAM + 32GB eMMC
Sensor	Accelerometer, Fingerprint Sensor, Geomagnetic Sensor, Hall Sensor, Light Sensor, Proximity Sensor, RGB Light Sensor
Accessory	Charger: 5V/ 2A Data cable: 2.7pi, 1.0m Ear phone: 3.5pi, 4pin

9. Reference Abbreviate

Reference Abbreviate

- **AAC**: Advanced Audio Coding.
- **AVC** : Advanced Video Coding.
- **BER** : Bit Error Rate
- **BPSK**: Binary Phase Shift Keying
- **CA** : Conditional Access
- **CDM** : Code Division Multiplexing
- **C/I** : Carrier to Interference
- **DMB** : Digital Multimedia Broadcasting
- **EN** : European Standard
- **ES** : Elementary Stream
- **ETSI**: European Telecommunications Standards Institute
- **MPEG**: Moving Picture Experts Group
- **PN** : Pseudo-random Noise
- **PS** : Pilot Symbol
- **QPSK**: Quadrature Phase Shift Keying
- **RS** : Reed-Solomon
- **SI** : Service Information
- **TDM** : Time Division Multiplexing
- **TS** : Transport Stream

1.Safety Precautions

1-1. Repair Precaution

Before attempting any repair or detailed tuning, shield the device from RF noise or static electricity discharges.

Use only demagnetized tools that are specifically designed for small electronic repairs, as most electronic parts are sensitive to electromagnetic forces.

Use only high quality screwdrivers when servicing products. Low quality screwdrivers can easily damage the heads of screws.

Use only conductor wire of the properly gauge and insulation for low resistance, because of the low margin of error of most testing equipment.

We recommend 22-gauge twisted copper wire.

Hand-soldering is not recommended, because printed circuit boards (PCBs) can be easily damaged, even with relatively low heat. Never use a soldering iron with a power rating of more than 100 watts and use only lead-free solder with a melting point below 250°C (482°F).

Prior to disassembling the battery charger for repair, ensure that the AC power is disconnected.

Always use the replacement parts that are registered in the SEC system. Third-party replacement parts may not function properly.

1.Safety Precautions

1-2. ESD(Electrostatically Sensitive Devices) Precaution

Many semiconductors and ESDs in electronic devices are particularly sensitive to static discharge and can be easily damaged by it. We recommend protecting these components with conductive anti-static bags when you store or transport them.

Always use an anti-static strap or wristband and remove electrostatic buildup or dissipate static electricity from your body before repairing ESDs.

Ensure that soldering irons have AC adapter with ground wires and that the ground wires are properly connected.

Use only desoldering tools with plastic tips to prevent static discharge.

Properly shield the work environment from accidental electrostatic discharge before opening packages containing ESDs.

The potential for static electricity discharge may be increased in low humidity environments, such as air-conditioned rooms. Increase the airflow to the working area to decrease the chance of accidental static electricity discharges.

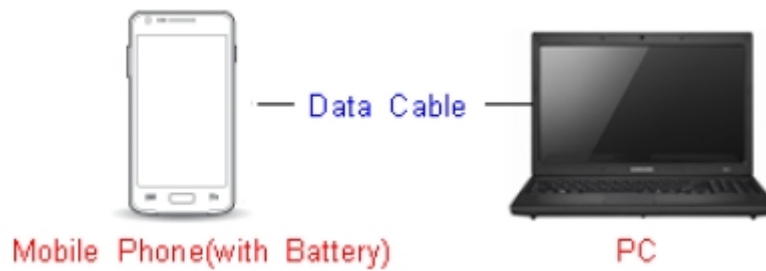
6. Level 1 Repair

6-1. S/W Download

6-1-1. Prepare for S/W Downloading

- Installation program: Downloader Program ([Odin3 v3.10.6.exe](#))
- Mobile Phone
- Data Cable
- Mobile device specific S/W: Binary files

※ Settings

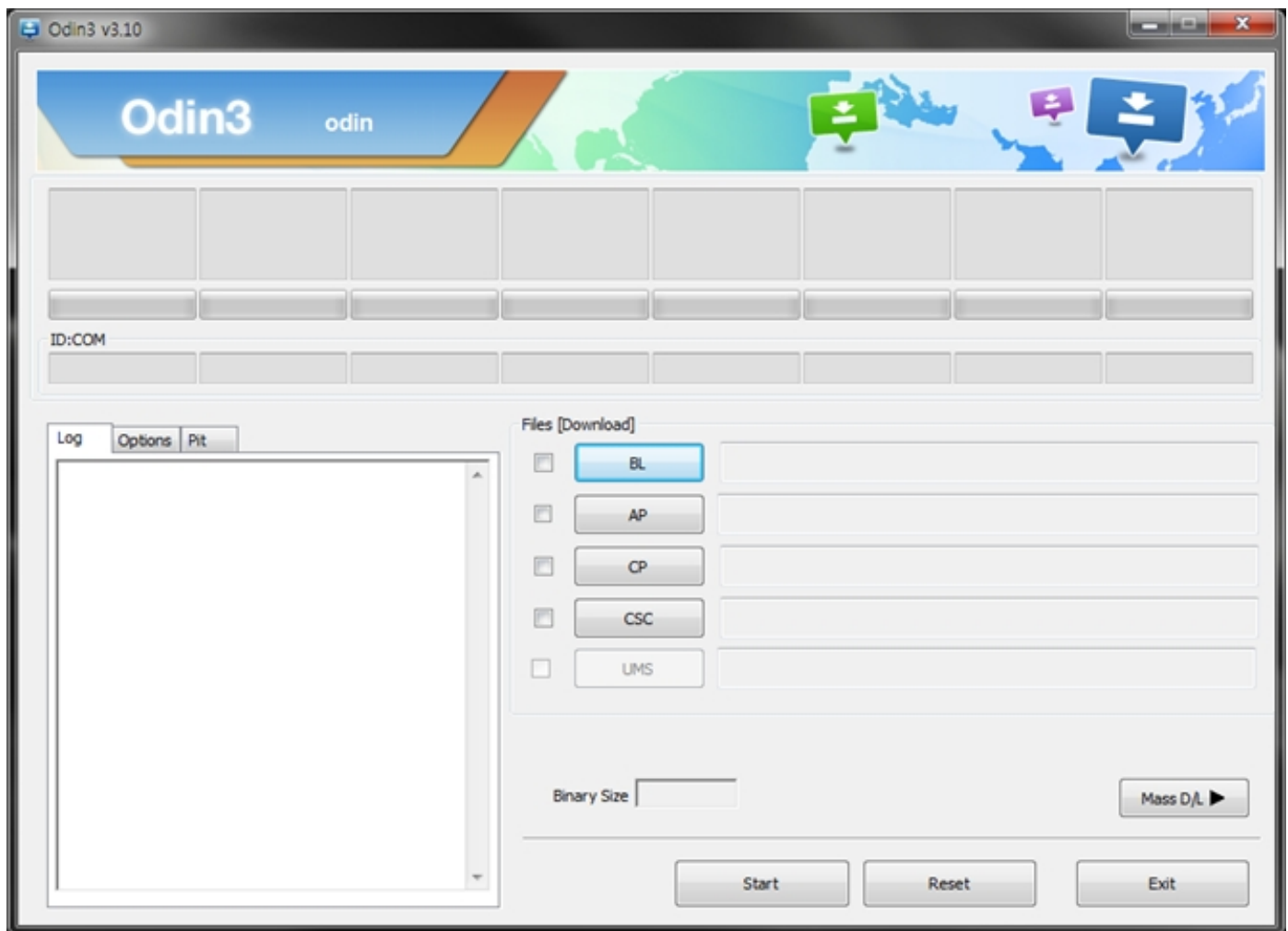


Data Cable : GH39-01801A

6. Level 1 Repair

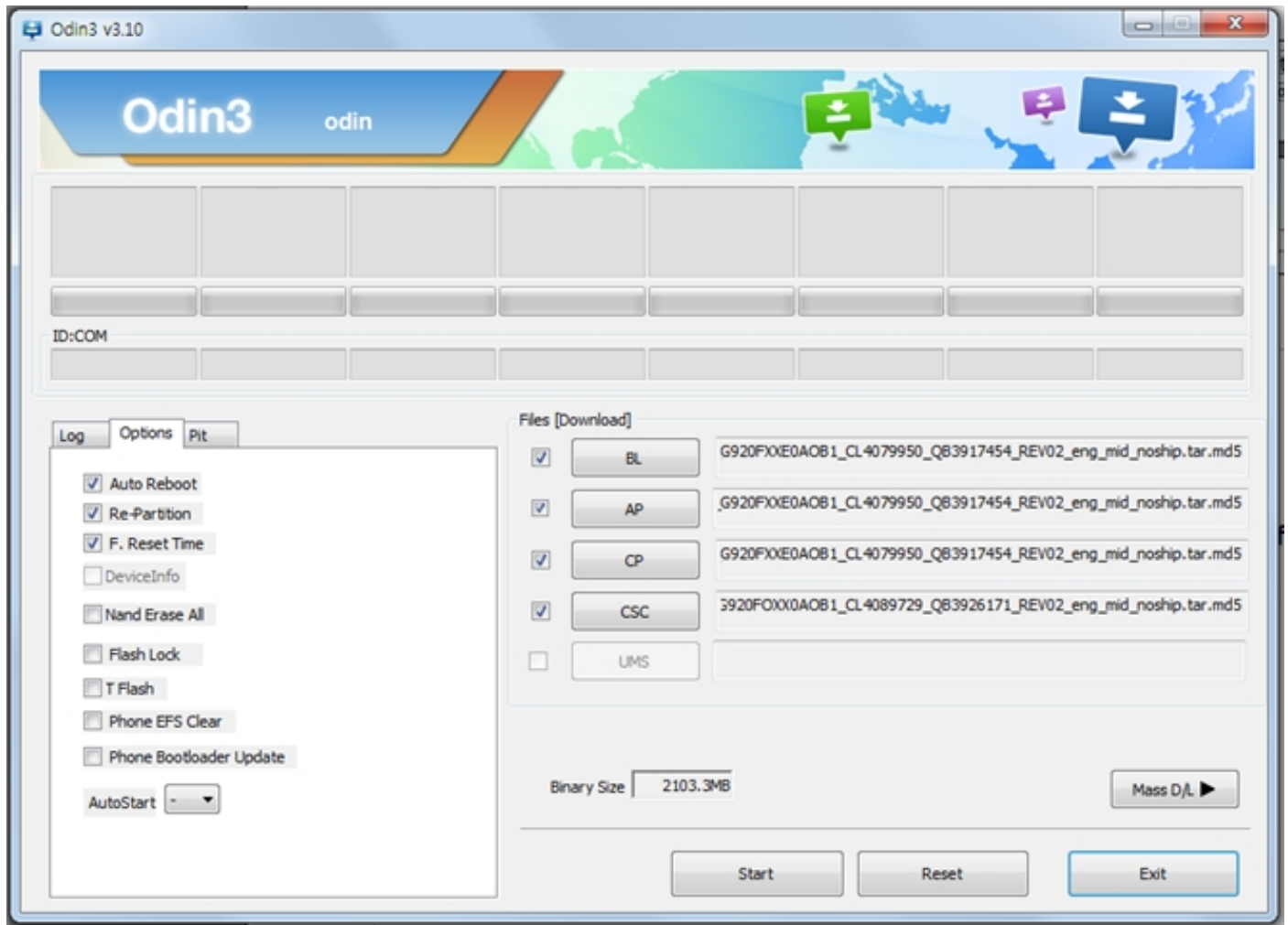
6-1-2. S/W Installation Program (Downloader program)

- Open up the S/W Installation Program by executing the "**Odin3 v3.10.6.exe**"



6. Level 1 Repair

1. Enable the check mark by click on the following options,
 - Check Auto Reboot, Re-Partition, and F. Reset Time
 - Check PIT
 - Check BOOTLOADER, PDA, PHONE, and CSC Files



6. Level 1 Repair

2. Enter into Download Mode

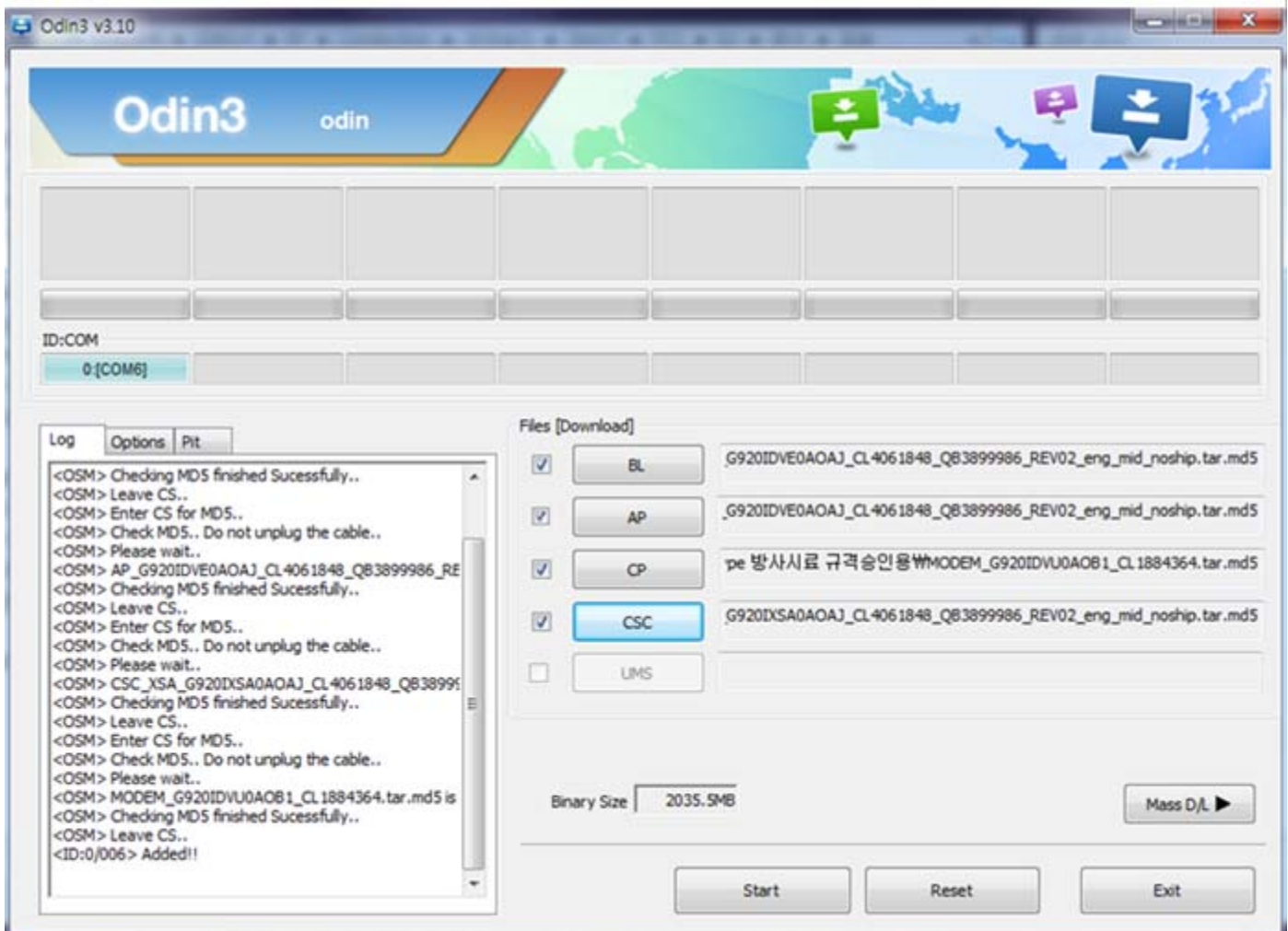
- Enter into Download Mode by pressing Volume Down button, Home button and ON/OFF Button simultaneously followed by pressing Volume up button as a direction of the phone.



6. Level 1 Repair

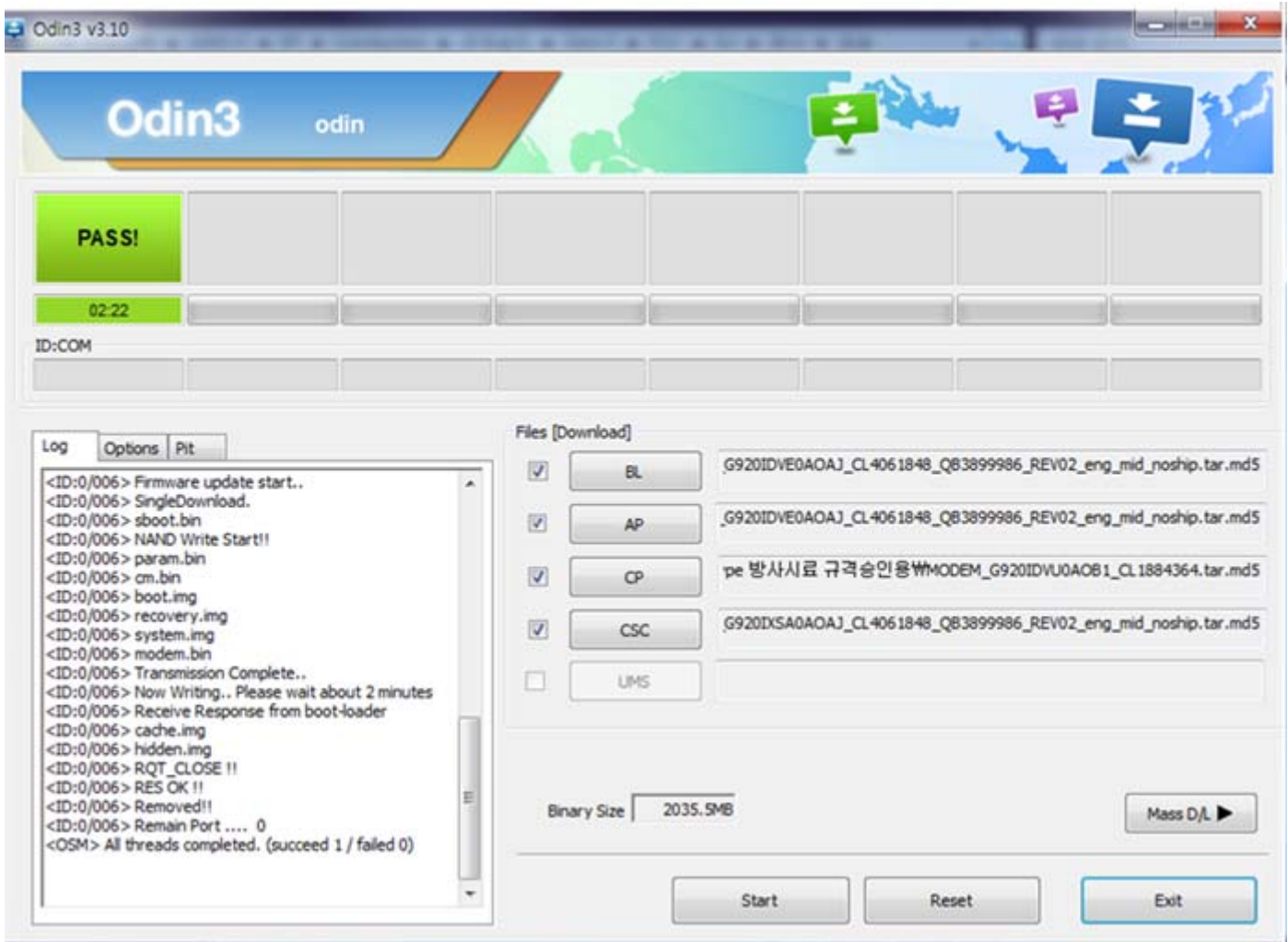
3. Connect the device to PC via Data Cable.

Make sure that the one of communication ports [ID:COM] box is highlighted in sky blue. The device is now connected with the PC and ready to download the binary files in it.



6. Level 1 Repair

4. Start downloading the binary files into the device by clicking Start button on the screen. The green colored "PASS!" sign will appear on the upper-left box if the binary files have been successfully downloaded into the device.



5. Disconnect the device from the Data cable.

6. Once the device boots up, you can check the version of the binary file or name by pressing the following code in sequence, ***#1234#**

You can perform Factory Reset by Settings → Accounts → Backup and reset

※ Caution. Never disconnect during the S/W downloading.

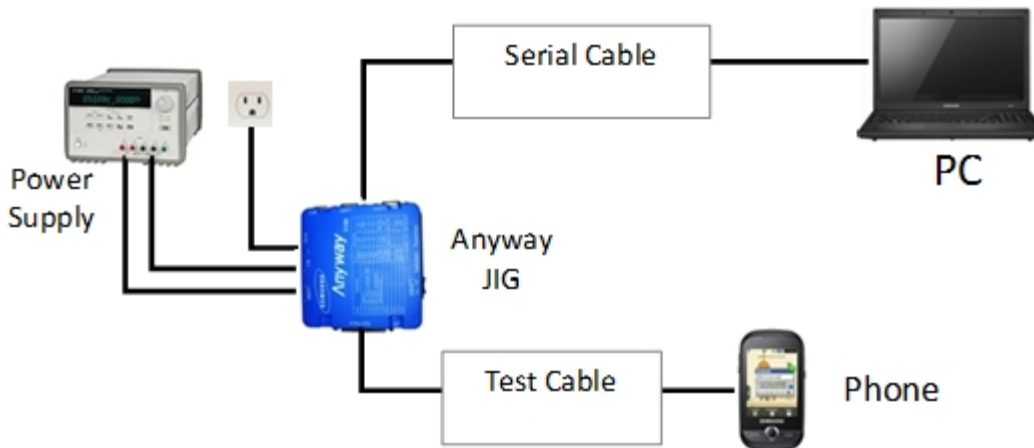
6. Level 1 Repair

6-2 IMEI writing

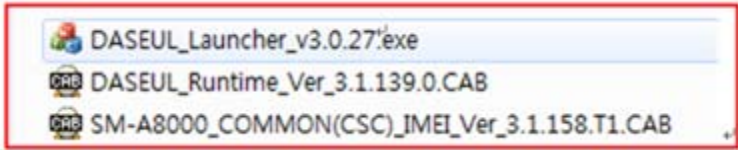
6-2-1 Preparation

- New IMEI writing Program has been released.
- Supported Model : Models which CAB files are uploaded on HHPsvc INI File category, instead of ini file.
- Refer to below IMEI writing procedure.

- H/W



- S/W

① Library Install	To use Daseul, library files should be installed. Refer to SVC Bulletin “(11-82) Daseul (New IMEI writing Program) Library Install guide_rev1.0”
② Launcher	DASEUL_SVC_Launcher_v3_0_10 or higher -Uploaded on HHPsvc Notice
③ Runtime File	1. DASEUL_Runtime_Ver_129_r00165.CAB or higher -Uploaded on HHPsvc Notice 2. Make 'ModelName' folder at the same position with launcher & Runtime file. <div></div>
④ Model File	Copy Model File under the 'Model Name' folder

6. Level 1 Repair

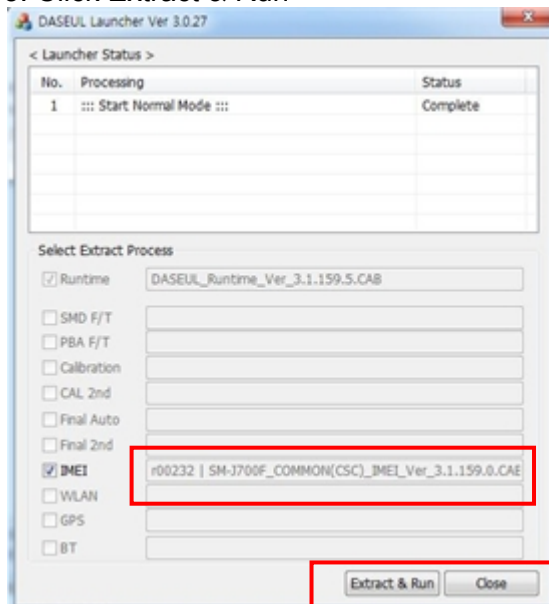
6-2-2 IMEI writing Process

1. Run DASEUL_SVC_Launcher_v3.0.10.exe

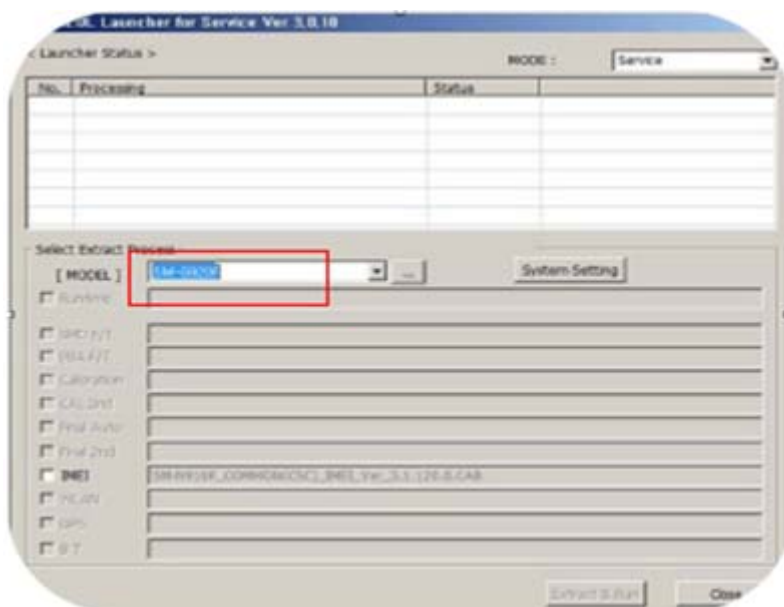
 DASEUL_Launcher_v3.0.27.exe

2. Select Service Mode

3. Click Extract & Run



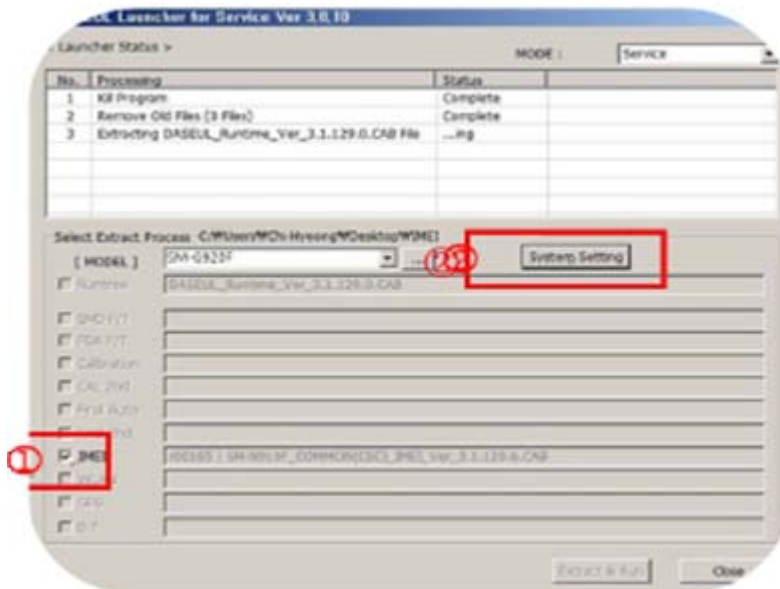
4. Select Model



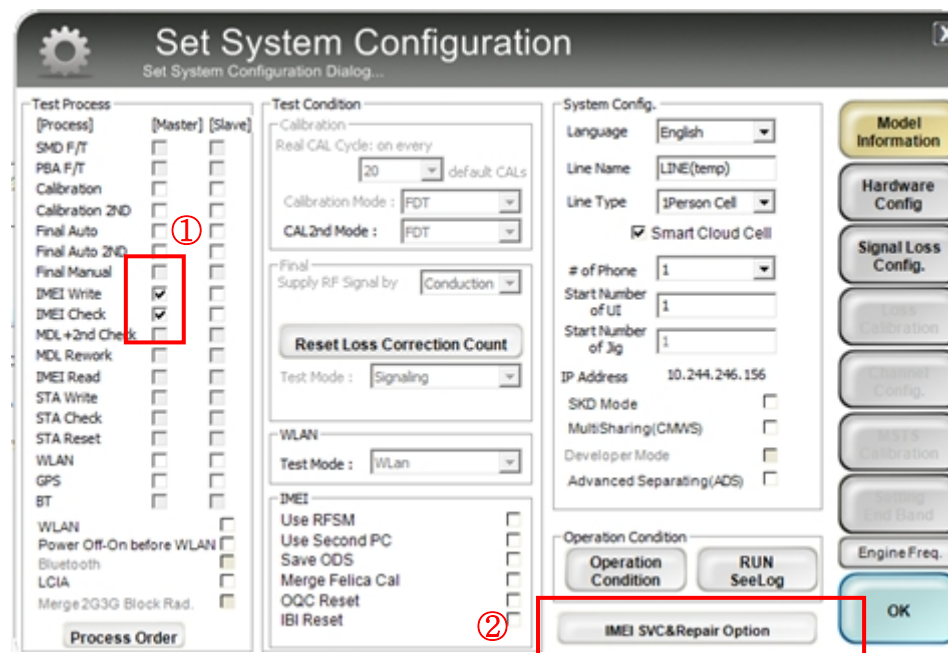
6. Level 1 Repair

5. Check IMEI and click 'System Setting'

※ Once you setup the setting, you don't have to do it again, unless there is change.
From second run of the IMEI program, check IMEI and click 'Extract & Run'

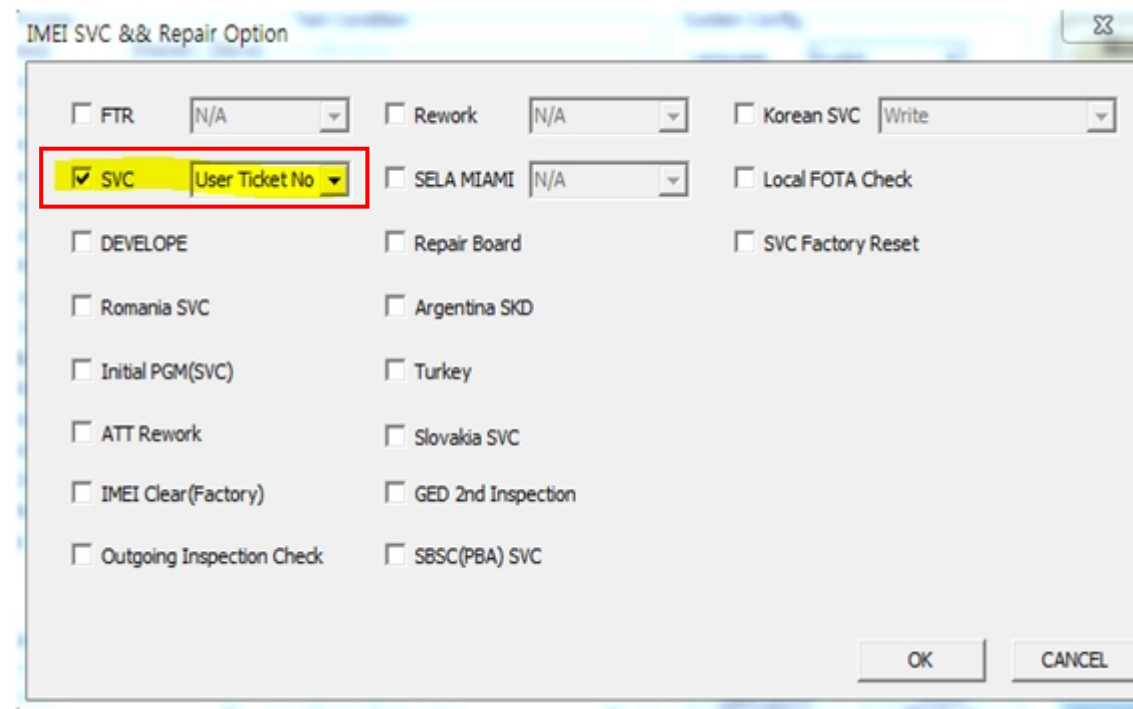


6. Check 'IMEI Write / IMEI Check', and click 'IMEI SVC & Repair Option'



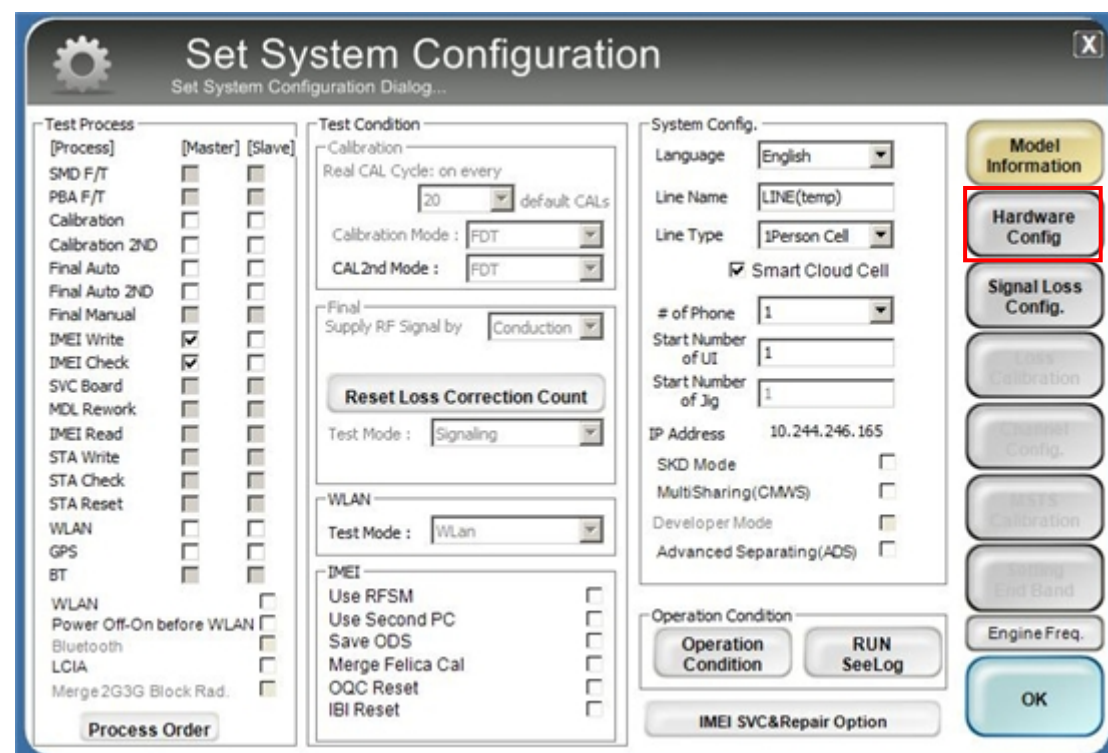
6. Level 1 Repair

7. Check 'SVC , User Ticket No' and click OK



The dialog box titled "IMEI SVC && Repair Option" contains various checkboxes and dropdown menus. The "SVC" checkbox is checked, and the "User Ticket No" dropdown is selected. Other options include FTR, Rework, Korean SVC, SELA MIAMI, Local FOTA Check, DEVELOPE, Repair Board, SVC Factory Reset, Romania SVC, Argentina SKD, Initial PGM(SVC), Turkey, ATT Rework, Slovakia SVC, IMEI Clear(Factory), GED 2nd Inspection, Outgoing Inspection Check, and SBSC(PBA) SVC. The "OK" and "CANCEL" buttons are at the bottom right.

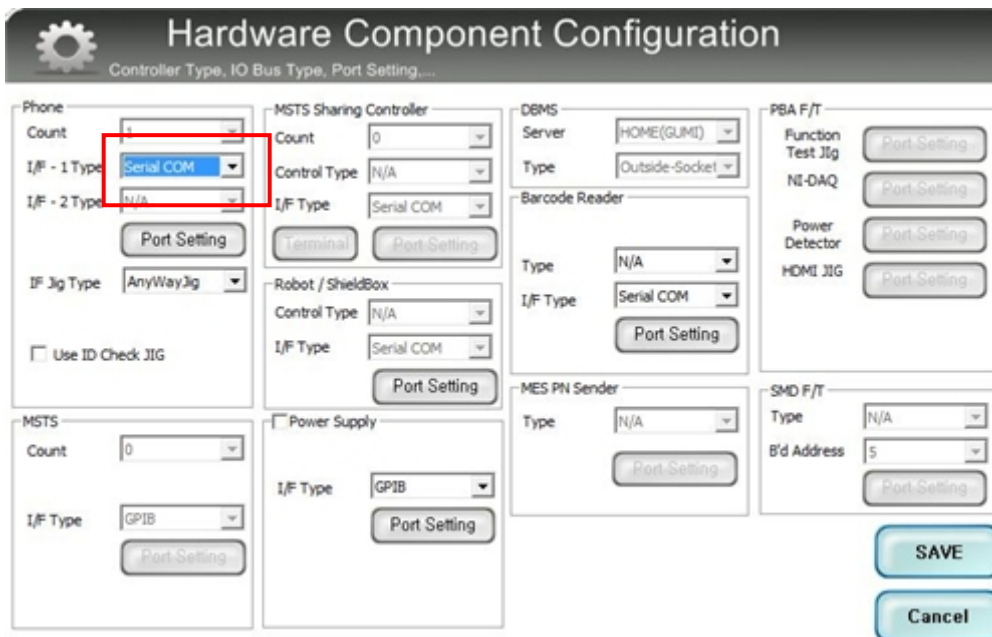
8. Click 'Hardware Config'



The "Set System Configuration" dialog box is divided into several sections. The "Test Process" section on the left lists various tests with checkboxes for [Master] and [Slave]. The "Test Condition" section includes calibration settings and a "Reset Loss Correction Count" button. The "System Config." section on the right includes language, line name, line type, and other settings. The "Hardware Config" button is highlighted with a red box. Other buttons on the right include "Model Information", "Signal Loss Config.", "Line Calibration", "Channel Config.", "BTS Calibration", "Setting End Band", "Engine Freq.", and "OK".

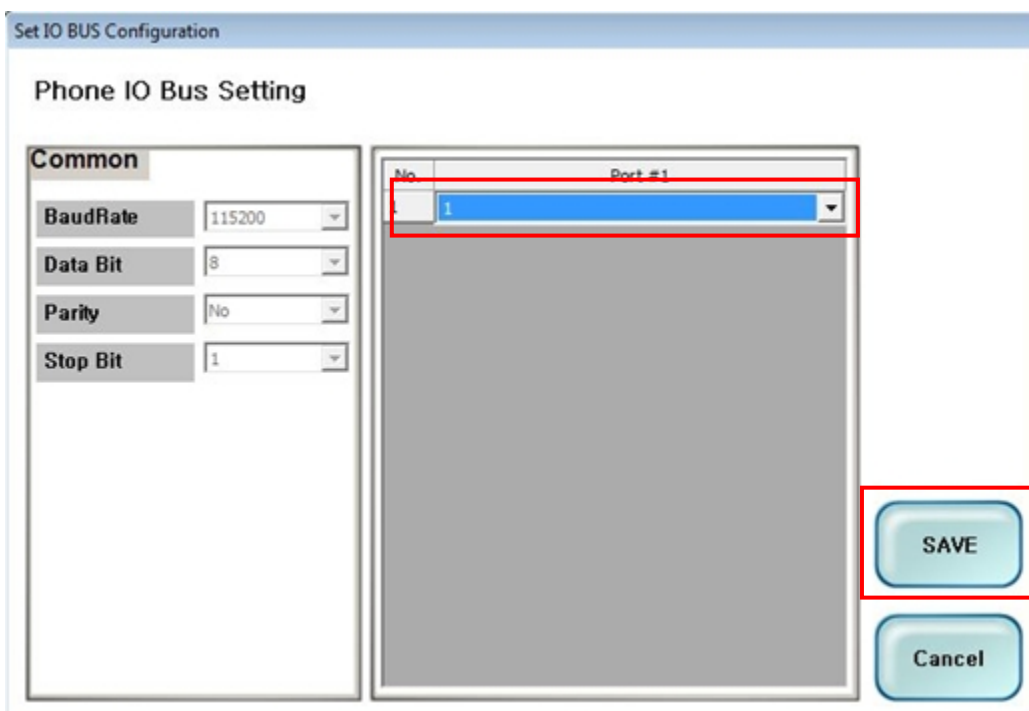
6. Level 1 Repair

9. Click 'Port Setting'



The 'Hardware Component Configuration' window displays various settings for different hardware components. A red box highlights the 'I/F - 1 Type' dropdown menu, which is currently set to 'Serial COM'. Other visible settings include 'Phone Count' (1), 'MSTS Sharing Controller Count' (0), 'DBMS Server' (HOME(GUMI)), 'Barcode Reader Type' (N/A), 'PBA F/T Function Test Jig' (Port Setting), 'NI-DAQ' (Port Setting), 'Power Detector' (Port Setting), 'HDMI JIG' (Port Setting), 'MSTS Count' (0), 'I/F Type' (GPIB), 'Robot / ShieldBox Control Type' (N/A), 'I/F Type' (Serial COM), 'MES PN Sender Type' (N/A), 'SMD F/T Type' (N/A), and 'B'd Address' (5). 'SAVE' and 'Cancel' buttons are at the bottom right.

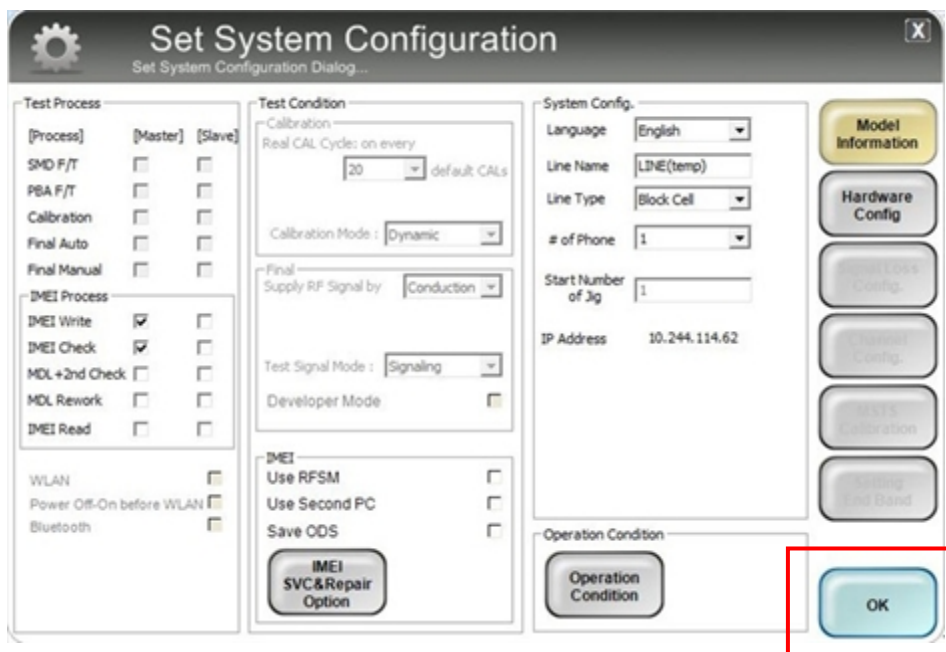
10. Select Port Number and SAVE



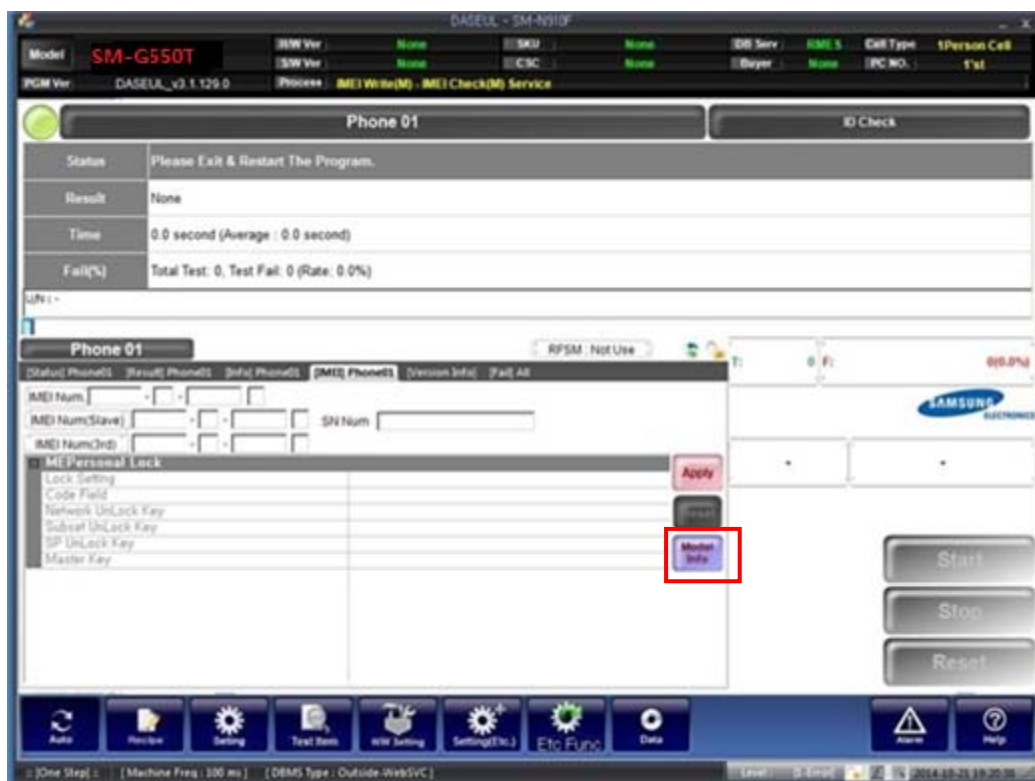
The 'Set IO BUS Configuration' window, specifically the 'Phone IO Bus Setting' tab, shows 'Common' settings: 'BaudRate' (115200), 'Data Bit' (8), 'Parity' (No), and 'Stop Bit' (1). A red box highlights the 'Port #1' dropdown menu, which is set to '1'. Another red box highlights the 'SAVE' button. A 'Cancel' button is also visible at the bottom right.

6. Level 1 Repair

11. Click OK to proceed



12. Click Model Info and OK when pop-up shows



6. Level 1 Repair

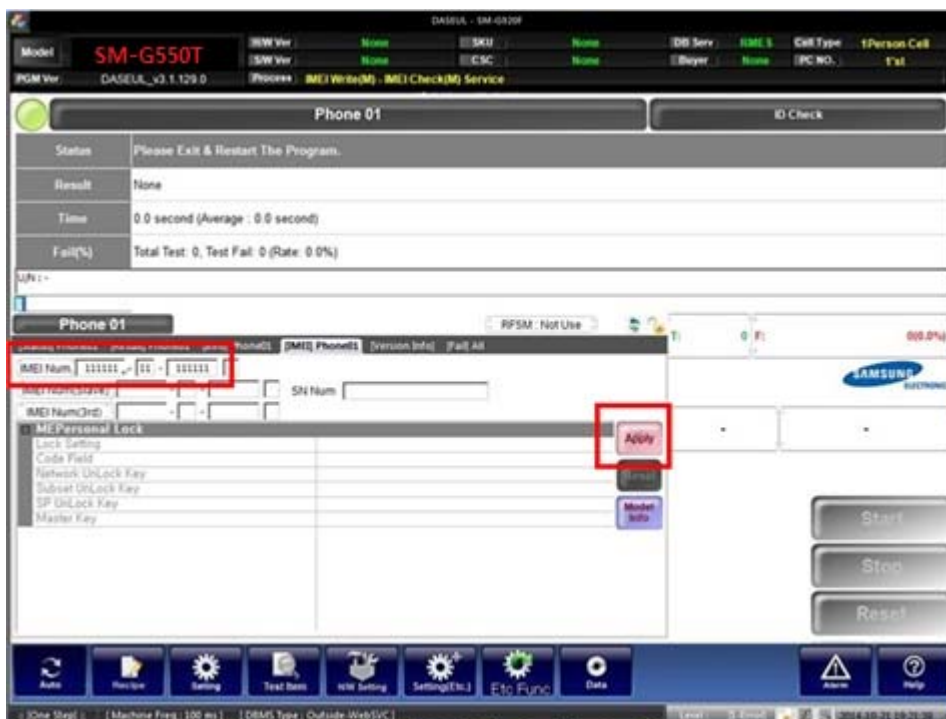
13. Click OK



14. Input SKU_CODE and BUYER, then click Save button.

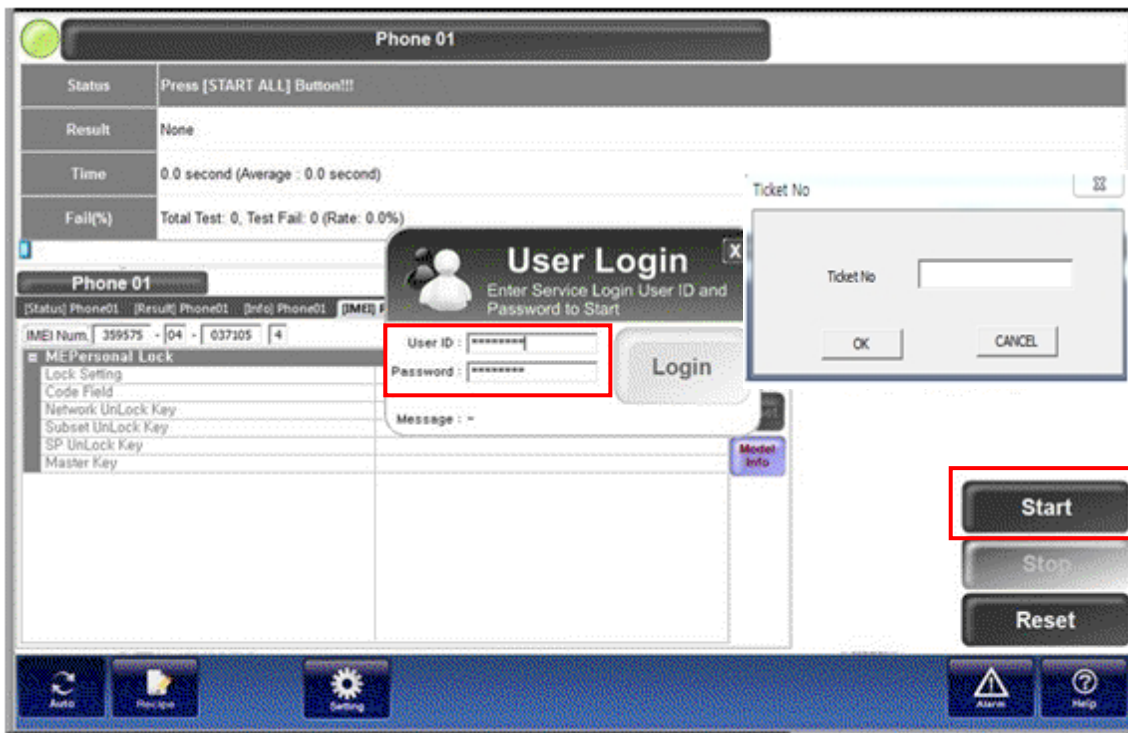
※ Refer to HHPsvc→IMEI Review to check SKU Code and buyer.

15. Input IMEI Number and click Apply.



6. Level 1 Repair

16. ① Click Start, and input IMEI writing ID and Password → ② input Ticket No.



17. Connect the phone to Anyway JIG

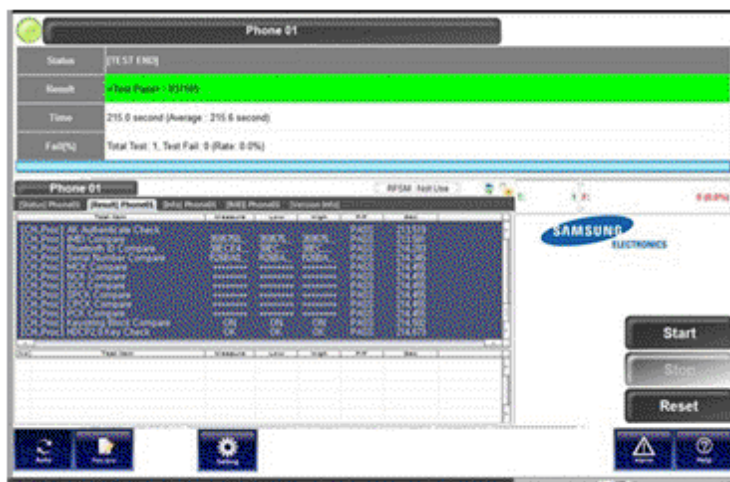
※ When you connect the phone, the phone should be turned off.
After connecting the phone, the phone will be booted automatically.

18. IMEI Writing Proceeding



6. Level 1 Repair

19. IMEI Writing Success



6. Level 1 Repair

6-3. RF Calibration

6-3-1. Required items in order to calibrate RF

• Installation program: RF Calibration Program

- Daseul_Launcher_vx.x.xx.exe

- Daseul_CAL_ALL_Runtime_x.x.xxx.x.CAB

- Model File ([SM-A910F_OPEN_CALIBRATION_Ver_x.x.xxx.xx.CAB](#))

※ It is required to use the latest program.

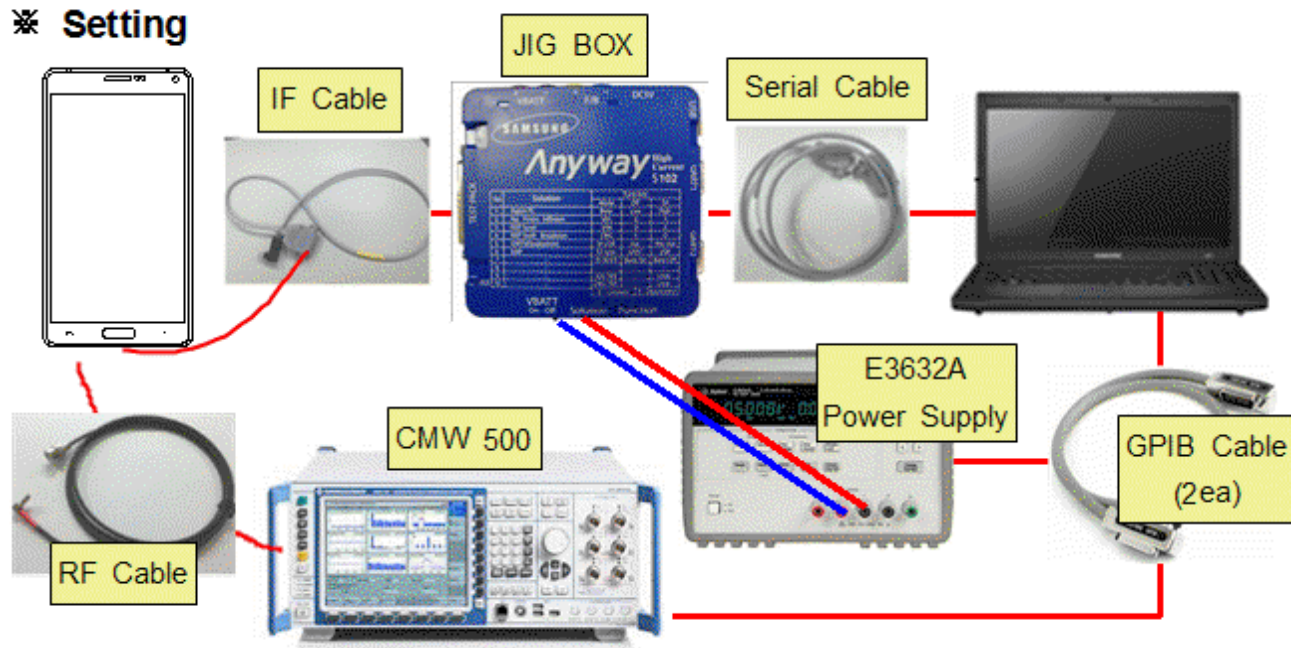
- [SM-A910F](#) Mobile Phone
- E3632A Power Supply
- JIG BOX (GH81-11888A)
- Adapter (GH81-11888K)
- 1.35Φ RF Cable (GH81-11962G 1ea)
- R&S CMW500
- GPIB Cable (2ea)
- IF Cable (GH81-10952A)
- UART Serial Cable

• Table of test cables

IF Cable	GH81-10631A	GH81-10953A	GH81-11171A	
	11 pin	7 pin (New)	7 pin (Old)	
RF Cable (Manual)	GH81-11962D	GH81-11962G	GH81-11962C	GH81-11962F
	1.35T, Short 	1.35T, Long 	1.6T, Short 	1.6T, Long 
4 Port Divider	GH81-11962A	GH81-11962B	GH81-11962E	
	Use / No use 	Divider Cable 	50Ω terminator 	

6. Level 1 Repair

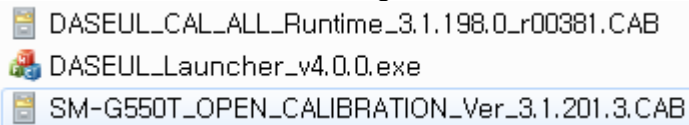
※ Setting



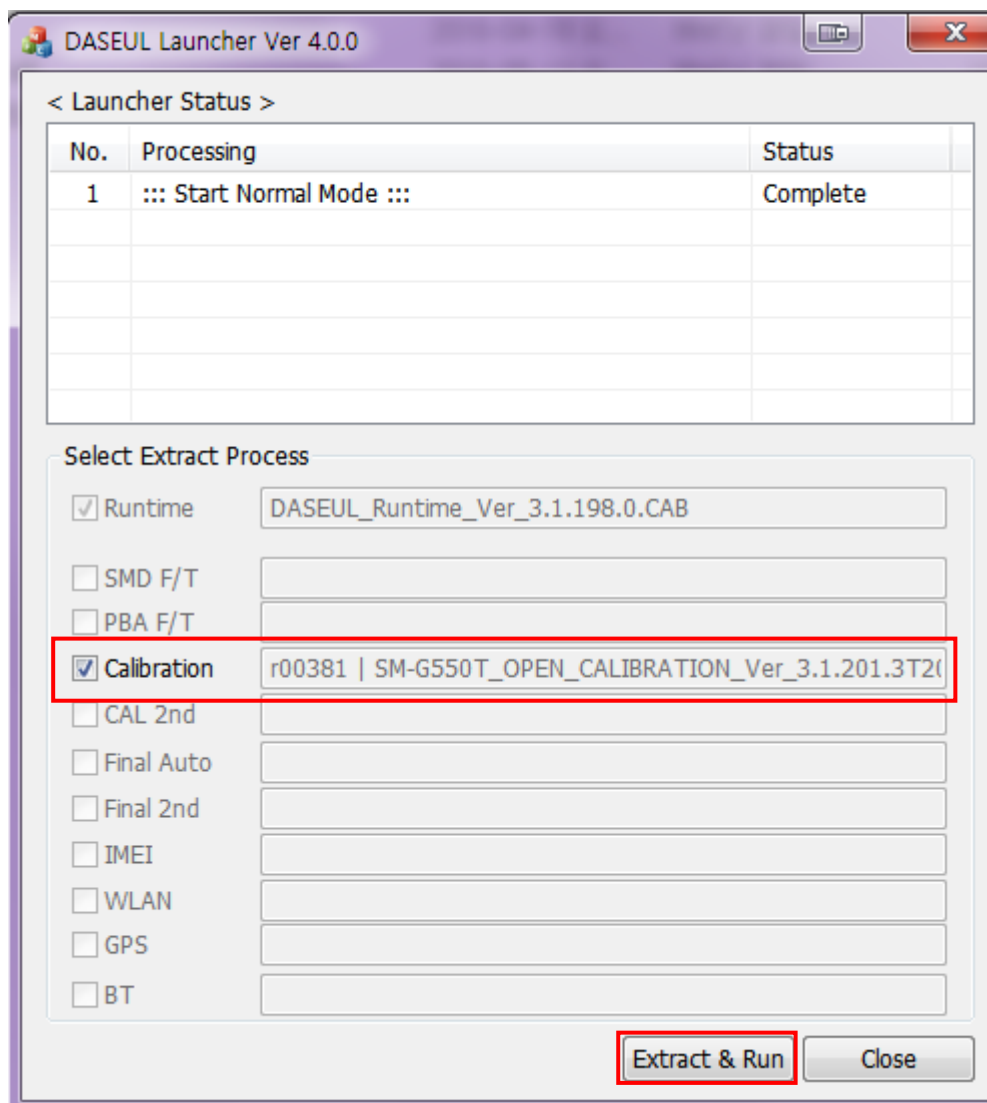
6. Level 1 Repair

6-3-2. RF Calibration Program

1. Run the RF Calibration Program Launcher, '[DASEUL_Launcher_vx.x.xx.exe](#)'.

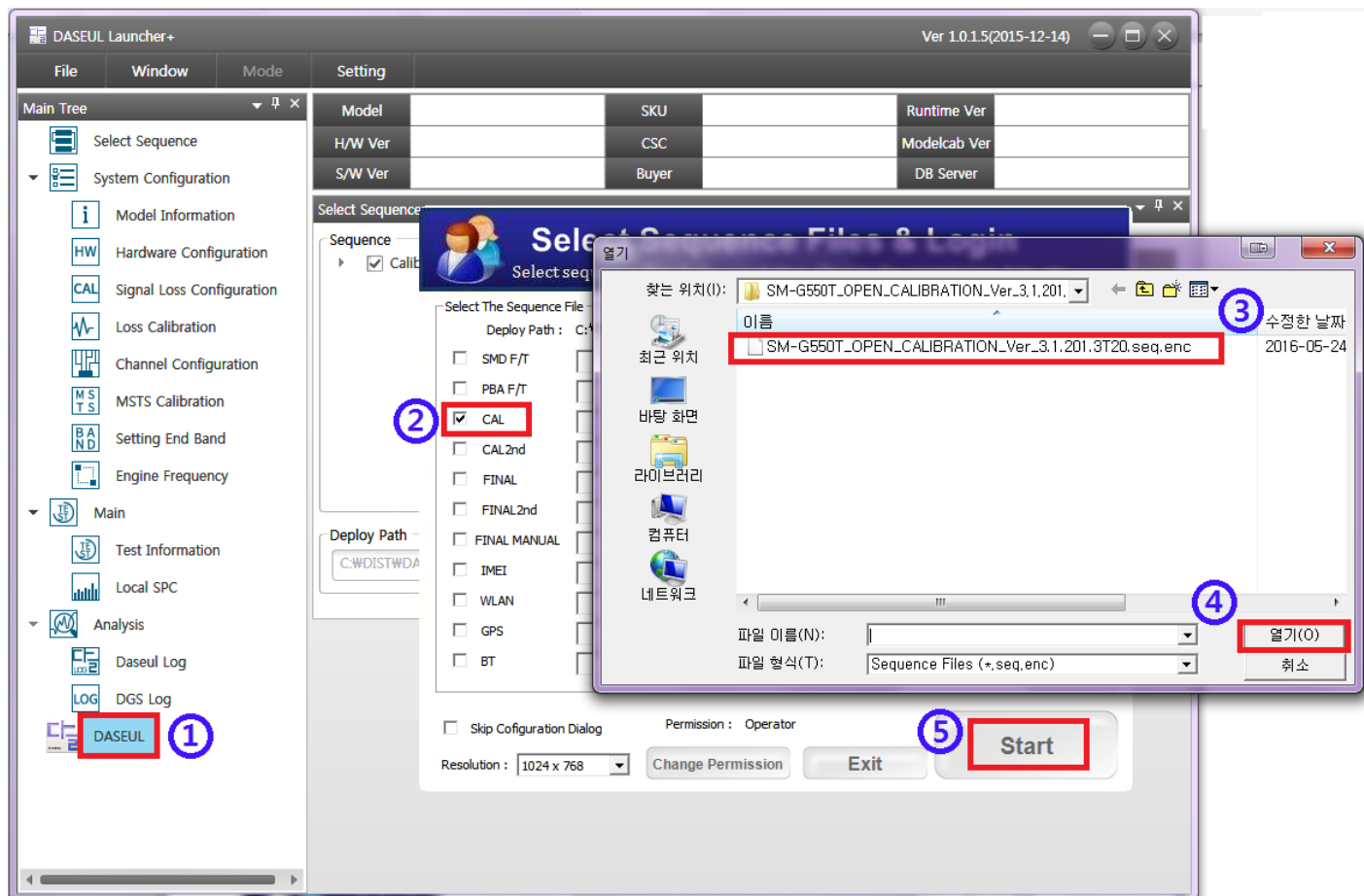


2. Check the '[Calibration](#)' menu, and select '[Extract & Run](#)'.



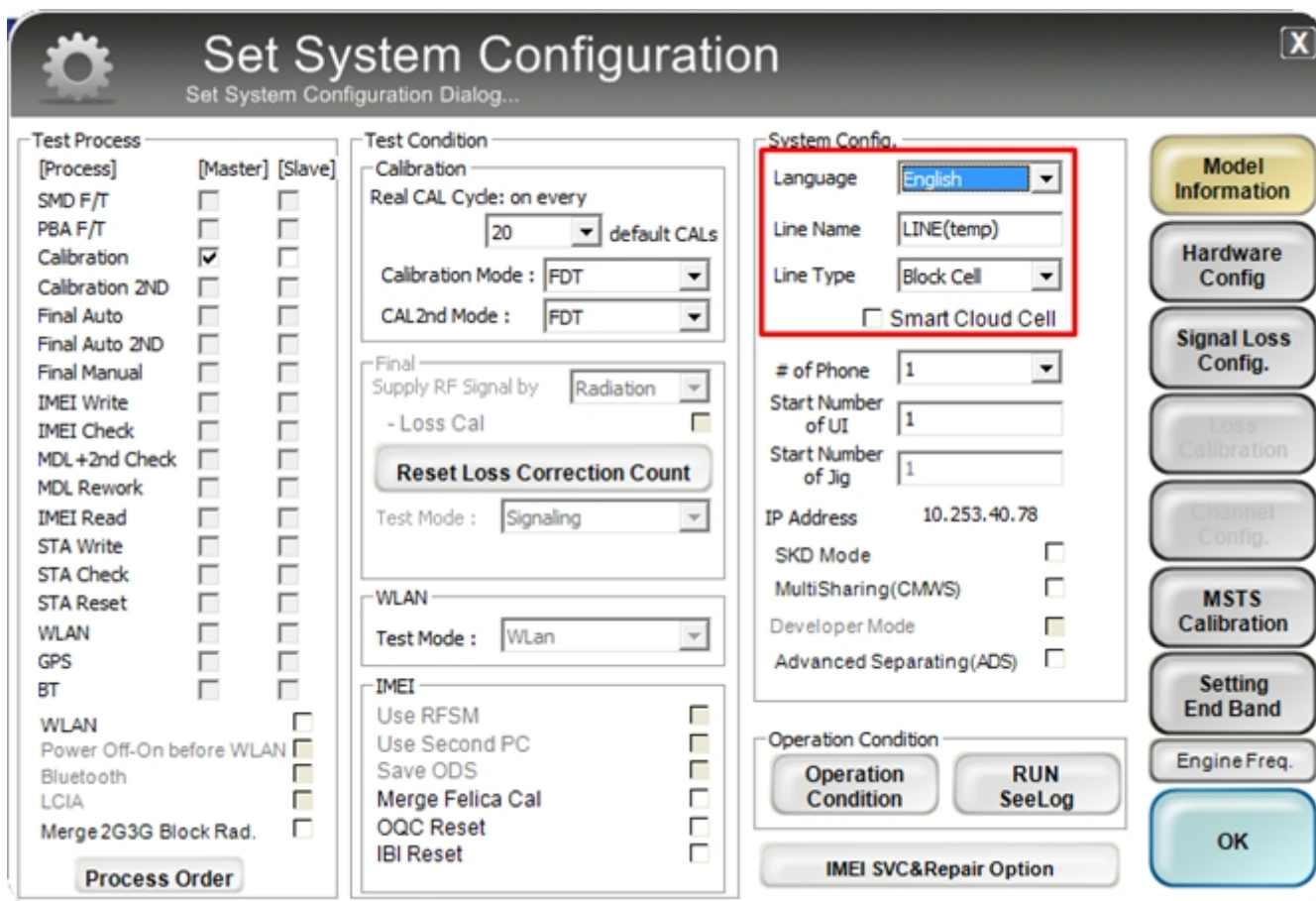
6. Level 1 Repair

3. Check the 'CAL' and open the [model file](#), then select 'Start' button.



6. Level 1 Repair

4. Change the Line Type to 'Block Cell' and disable 'Smart Cloud Cell'.



The image shows a 'Set System Configuration' dialog box with a title bar and a close button (X). The dialog is divided into several sections:

- Test Process:** A list of test processes with checkboxes for [Process], [Master], and [Slave]. The 'Calibration' process is checked under [Process].
- Test Condition:** Contains settings for Calibration (Real CAL Cycle: on every 20, Calibration Mode: FDT, CAL2nd Mode: FDT), Final Supply RF Signal by (Radiation), - Loss Cal, a 'Reset Loss Correction Count' button, Test Mode (Signaling), WLAN Test Mode (Wlan), and IMEI settings (Use RFSM, Use Second PC, Save ODS, Merge Felica Cal, OQC Reset, IBI Reset).
- System Config.:** Contains settings for Language (English), Line Name (LINE(temp)), Line Type (Block Cell), Smart Cloud Cell (unchecked), # of Phone (1), Start Number of UI (1), Start Number of Jig (1), IP Address (10.253.40.78), SKD Mode, MultiSharing(CMWS), Developer Mode, and Advanced Separating(ADS).
- Operation Condition:** Contains buttons for 'Operation Condition' and 'RUN SeeLog', and a section for 'IMEI SVC&Repair Option'.
- Model Information:** A vertical stack of buttons on the right side: 'Model Information', 'Hardware Config', 'Signal Loss Config.', 'Loss Calibration', 'Channel Config.', 'MSTS Calibration', 'Setting End Band', 'Engine Freq.', and 'OK'.

6. Level 1 Repair

5. Set the GPIB address of MSTs(CMW500) and Power Supply(E3632A) to enter 'Hardware Config' and 'Save'. (Check the GPIB address of equipments in advance)

The image shows three screenshots of the diagnostic software interface, illustrating the steps to configure the GPIB address for the MSTs and Power Supply.

Set System Configuration Dialog...

Annotations: 1. The 'Hardware Config' button in the right-hand sidebar is highlighted with a red box.

Hardware Component

Annotations: 2. The 'MSTs Count' dropdown menu is highlighted with a red box. 3. The 'Power Supply' dropdown menu is highlighted with a red box. 4. The 'Port Setting' button for the Power Supply is highlighted with a red box. 5. The 'SAVE' button at the bottom is highlighted with a red box.

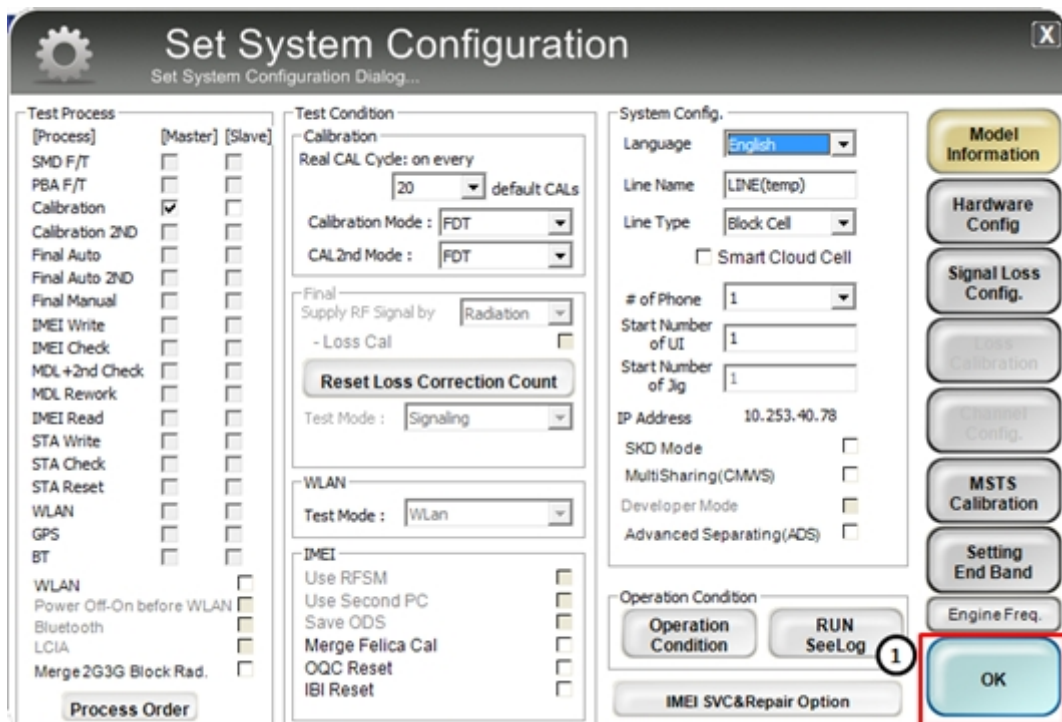
Power Supply IO Bus Setting

Annotations: 4. The 'Address' column in the table is highlighted with a red box.

No.	Board	Address
1	0	5
2		6
3		7
4		8
5		9
6		10
7		11
8		12
9		13
10		14
11		15
12		16
13		17
14		18
15		19

6. Level 1 Repair

6. Press 'OK' to start RF Calibration after completing all settings.



The image shows a 'Set System Configuration' dialog box with a title bar and a close button (X). The dialog is divided into several sections:

- Test Process:** A list of checkboxes for various test processes. 'Calibration' is checked. Other options include SMD F/T, PBA F/T, Calibration 2ND, Final Auto, Final Auto 2ND, Final Manual, IMEI Write, IMEI Check, MDL+2nd Check, MDL Rework, IMEI Read, STA Write, STA Check, STA Reset, WLAN, GPS, BT, and a 'Process Order' button.
- Test Condition:** Includes 'Calibration' settings (Real CAL Cycle: on every 20, default CALs), 'Calibration Mode' (FDT), 'CAL2nd Mode' (FDT), 'Final Supply RF Signal by' (Radiation), '- Loss Cal' checkbox, 'Reset Loss Correction Count' button, 'Test Mode' (Signaling), 'WLAN' section with 'Test Mode' (Wlan), and 'IMEI' section with 'Use RFSM', 'Use Second PC', 'Save ODS', 'Merge Felica Cal', 'OQC Reset', and 'IBI Reset'.
- System Config.:** Includes 'Language' (English), 'Line Name' (LINE(temp)), 'Line Type' (Block Cell), 'Smart Cloud Cell' checkbox, '# of Phone' (1), 'Start Number of UI' (1), 'Start Number of Jig' (1), 'IP Address' (10.253.40.78), 'SKD Mode' checkbox, 'MultiSharing(CMWS)' checkbox, 'Developer Mode' checkbox, and 'Advanced Separating(ADS)' checkbox.
- Operation Condition:** Includes 'Operation Condition' button, 'RUN SeeLog' button (with a circled '1' next to it), and 'IMEI SVC&Repair Option' button.
- Model Information:** A vertical stack of buttons: 'Model Information', 'Hardware Config', 'Signal Loss Config.', 'Loss Calibration', 'Channel Config.', 'MSTS Calibration', 'Setting End Band', and 'Engine Freq.'.
- OK Button:** A large blue button at the bottom right, highlighted with a red rectangle.

6. Level 1 Repair

DASEUL - SM-G550T

Model	SM-G550T	H/W Ver	REV0.4	SKU	xx	DB Serv	HOME(GUMI)	Cell Type	Block Cell
Process	Calibration(M)	SW Ver	None	CSC	1	Buyer	XX	PC NO.	NONE
PGM Ver	DASEUL_v3.1.198.0 / Calibration(r00381)								

Phone 01 Path Loss Measure Mode

Status	Press [START ALL] Button!!!
Result	None
Time	0.0 second (Average : 0.0 second)
Fail(%)	Total Test: 0, Test Fail: 0 (Rate: 0.0%)

U/N : -

Phone 01

[Status] Phone01 [Result] Phone01 [Info] Phone01 [Version Info] [Fail] All

Time	No.	Item	Status
11:08:34	01	RTCRead	RTC Verification Init Complete
11:08:34	01	BatteryVoltageC...	BatteryVoltageCheck Init Complete
11:08:34	01	SetTestNV	SetTestNV Init Complete
11:08:34	01	MD5_Enable	MD5_Enable Init Complete
11:08:34	01	FactoryTestLog...	FactoryTestLog_Disable Init Complete
11:08:34	01	BackUp	BackUp Init Complete
11:08:34	01	SleepCurrent	Sleep Current Init Complete
11:08:34	01	EndCalibration	EndCalibration Init
11:08:34	01	UlnitTestStep	UlnitTestStep MSTs Init Start
11:08:35	01	UlnitTestStep	JIG Open IOBus
11:08:36	01	UlnitTestStep	Set JIG Solution
11:08:36	01	UlnitTestStep	Get Reference Current
11:08:42	01	Instrument	RefCurrent[1] = -0.25813[mA]
11:08:42	01	UlnitTestStep	Reference Current = -0.3
11:08:42	01	UlnitTestStep	Get MSTs License
11:08:43	01	Instrument	MSTs License Info
11:08:43	01	UlnitTestStep	Get MSTs Reset
11:08:45	01	UlnitTestStep	Initial Step End, TEST READY!
11:08:45	01	UlnitTestStep	Press [START ALL] Button!!!

SAMSUNG ELECTRONICS

Start
Stop
Reset

Auto Recipe Setting Test Item H/W Setting Setting(Etc.) Etc Func. Data Alarm Help

:: [One Step] :: [Machine Freq : 100 ms] [DBMS Type : Inside-Oracle] Level : [01-Error] 2016-05-27 11:08:49