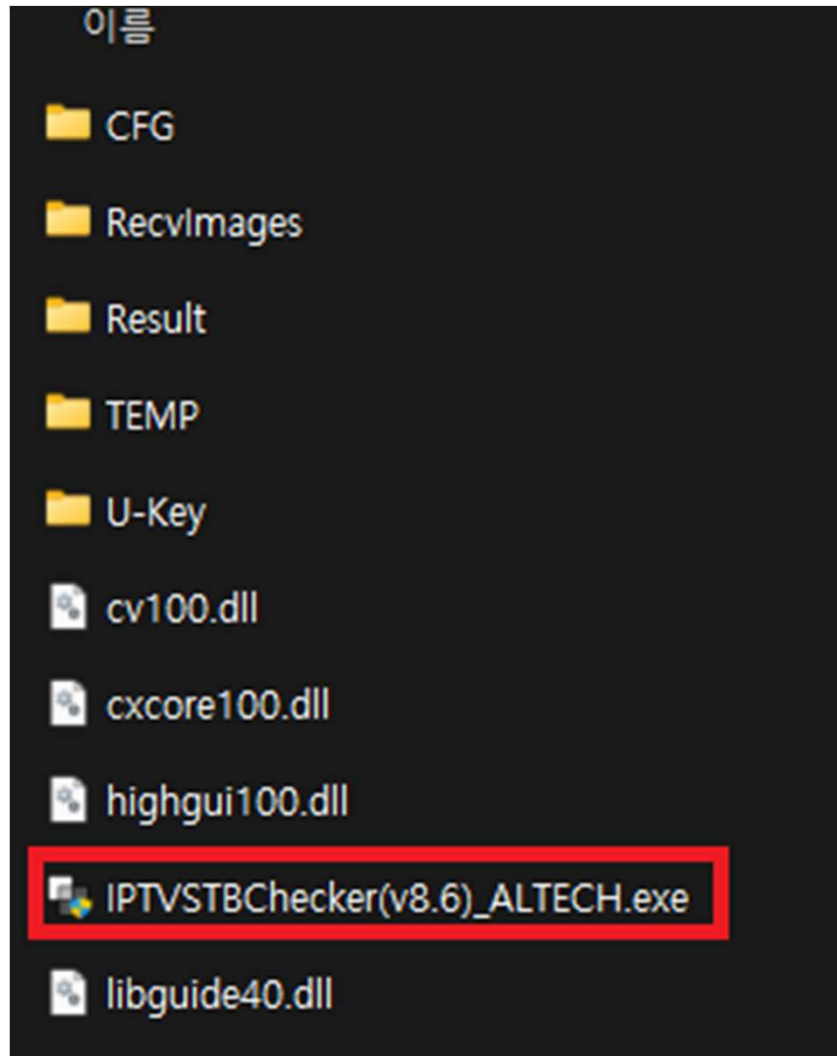


ATT Test using IPTVSTBChecker

First Update 2022.02.04

Last Update 2022.02.07



- **Extract zip file and Check the file list.**

1. Extract the zip file “IPTVSTBChecker(v8.6)_ALTECH.zip”
2. Check the unzipped file list (Refer to left Picture.)
3. Double click IPTVSTBChecker(v8.6)_ALTECH.exe to execute.

- **STB preparation .**

1. Make the USB Memory Drv. that has ATT Daemon files.
2. Inserted USB Memory Drv. to STB USB port.
3. Power ON the STB
4. Wait until LED blink with Green color.
5. Extract USB Memory Drv. from the USB port.
6. STB will reboot and show the Authentication window.
7. Check the Ethernet MAC Address of DUT.

사용자인증



IPTV STB Aging Test Tool

본 프로그램은 SK 브로드밴드의 IPTV STB Aging을 위해 배포된 프로그램입니다. (Ver8.6)
사용권한 확인을 위해 로그인을 해주세요

아 이 디 : 0002000091

패스워드 : *****

☒ 계정 저장

로그인 종료

1. Click the “로그인”(login) button to continue to run.

Please don't change anything.

로그인 means login

종료 means finish

아이디 means ID

패스워드 means password.

공지

공 지 사 항

STB 공지사항

STB ATT 업그레이드 공지 #####
> 배포일 : 2019년 1월 18일
> 배포 내용
- STB ATT 프로그램 업그레이드(v6.3)
프로그램 기능 보완

Modem 공지사항

Modem ATT 업그레이드 공지 #####
> 배포일 : 2018년 9월 1일
> 배포 내용
- 버그 수정
> ATT 프로그램 버전 정보
- ATT_MODEM(0.8.0.7)

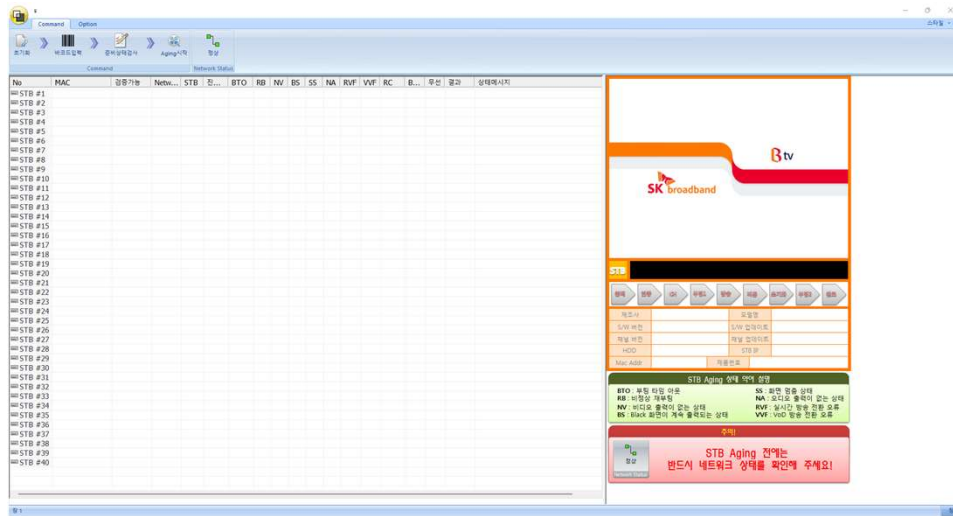
파일 다운로드

분류	ATT 프로그램	STB 데몬	STB Full Patch
STB	ATT STB(6.3)	BHX-S100(180810)	BHX-S100(3.5.105) / (5.5.92)
		BHX-UH200(180810)	BHX-UH200(3.400.28) / (8.3.74)
		BHX-UH400(180810)	BHX-UH400(10.500.100) / (10.3.74)
		BHX-UH600(180102)	BHX-UH600(12.500.100)
		BKO-100(180716)	BKO-100(4.5.135) / (4.5.135)
		BKO-S200(180710)	BKO-S200(5.5.105) / (5.5.92)
		BKO-UH400(180710)	BKO-UH400(10.500.100) / (10.3.74)
		BKO-UH600(180710)	BKO-UH600(12.500.100)

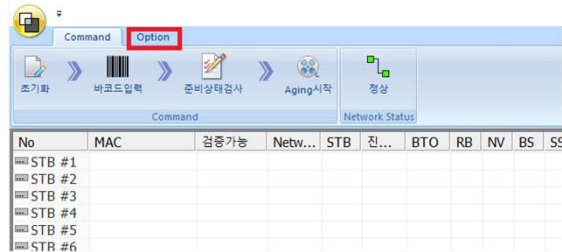
확인

2. After 로그인, then you can see the 공지사항(Notification) on the screen.

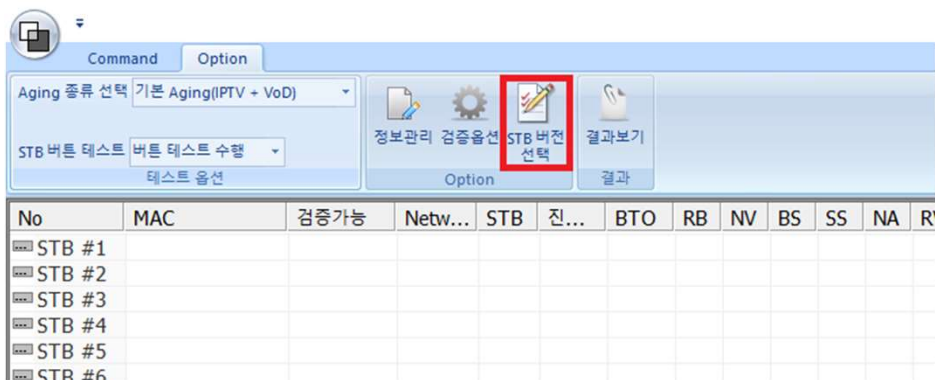
Click the “확인”(checked) button



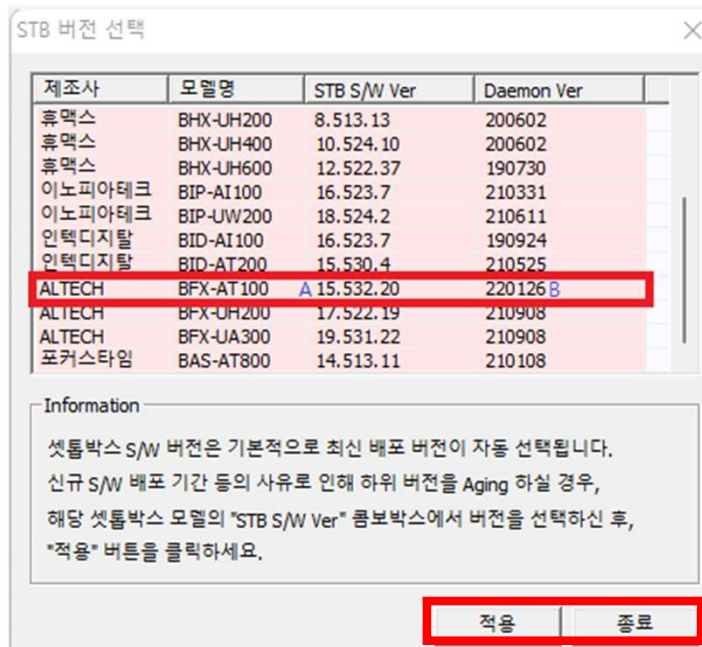
3. You can see the left photo on the screen.
It is the Test application for ATT.



4. Click “Option” Tab



5. Click “STB버전선택”(Select STB version)



6. You can see the left pop-up menu on the screen.

You check the Model no. from the list.

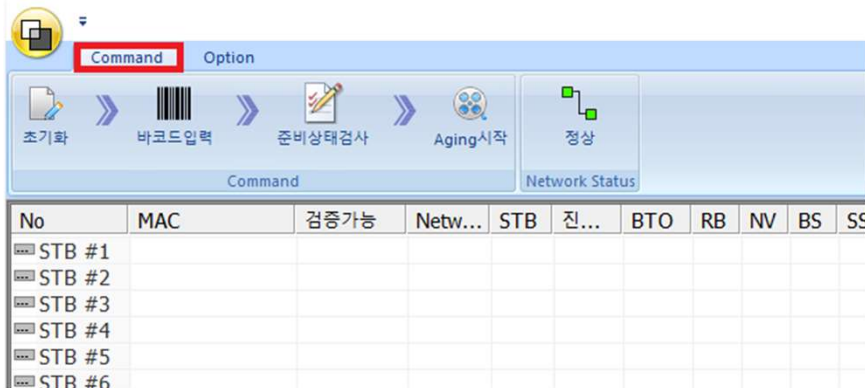
And check the STB SW version and ATT Daemon version.

You can select SW version(A) and Daemon version(B) in drop down list.

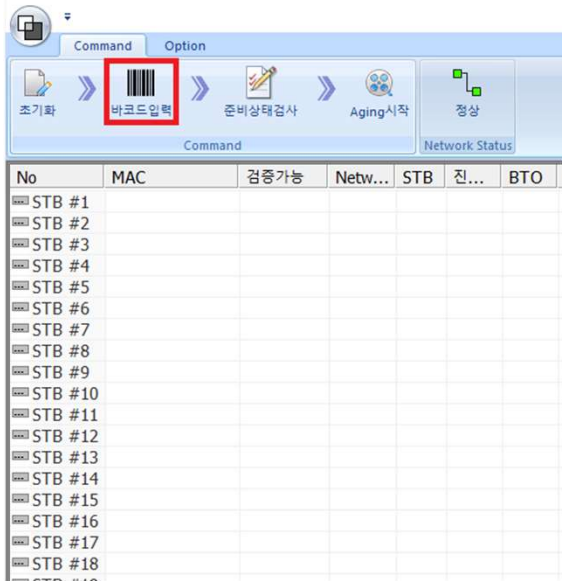
If there is no SW version or Daemon version that you will use in the list, then you asked ALT to add version.

HM Solution who developed this application manages the versions.

7. After select SW and Daemon version, then click “적용”(Apply) button on the right bottom of the screen, and then click “종료”(Finish) button to exit this pop-up menu.

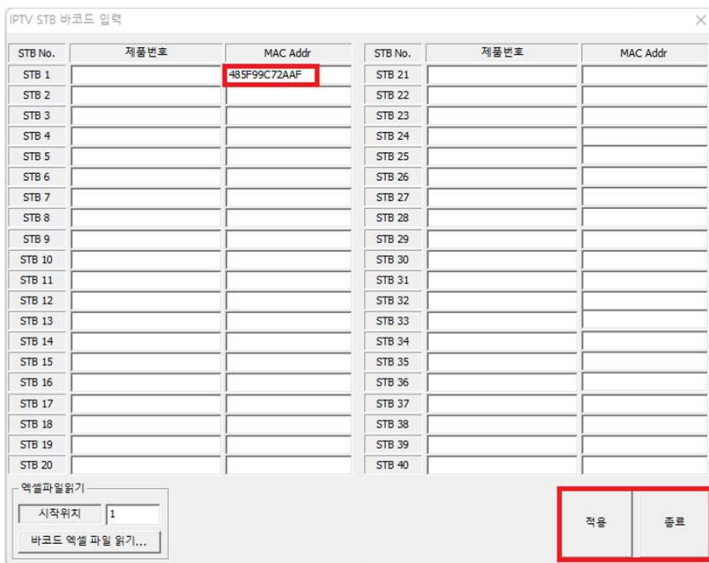


8. Select Command tab.



9. Click “바코드입력”(Input barcode) button in the menu.

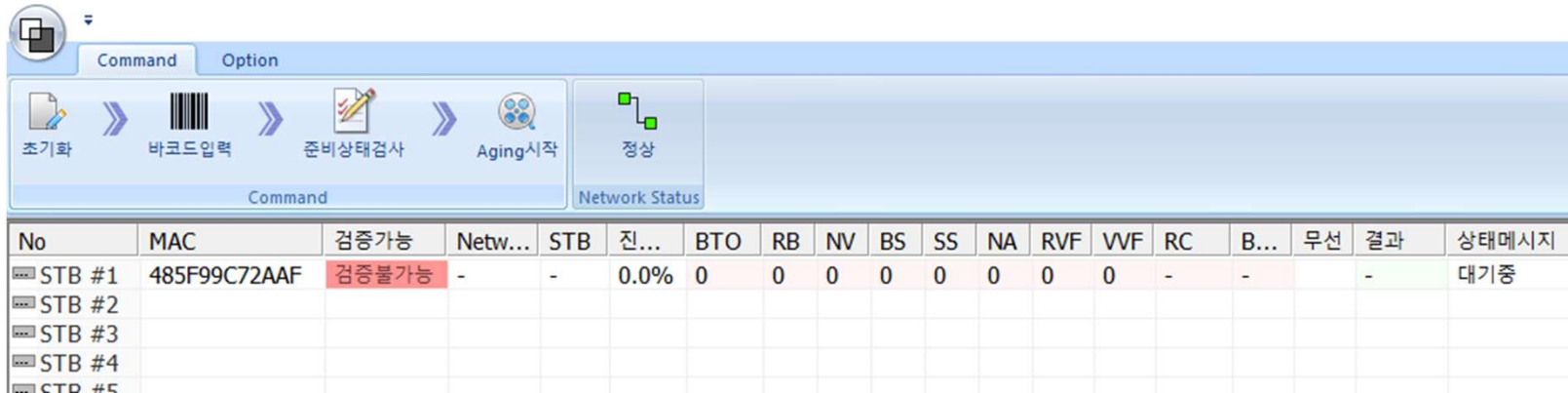
You can see the “IPTV STB 바코드 입력”(Input Barcode) pop-up menu.



10. Click the Blank cell for STB1 MAC Address and input Ethernet Mac address of DUT.

MAC Address should be inputted in capital letters, such as 485F99C72AAF, not 485f99c72aaf without colon.

11. Click “적용”(Apply) and then “종료”(Finish).

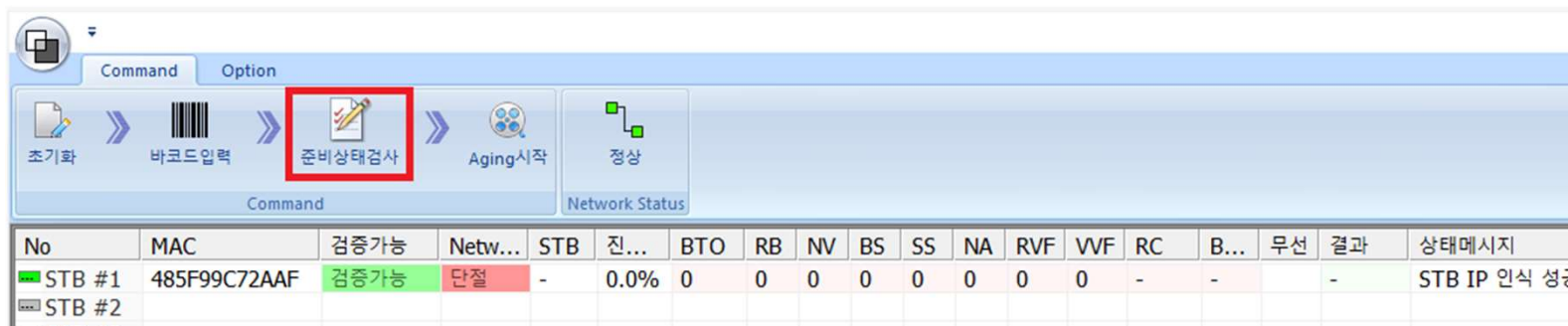


No	MAC	검증가능	Netw...	STB	진...	BTO	RB	NV	BS	SS	NA	RVF	VVF	RC	B...	무선	결과	상태메시지
STB #1	485F99C72AAF	검증불가능	-	-	0.0%	0	0	0	0	0	0	0	0	-	-		-	대기중
STB #2																		
STB #3																		
STB #4																		
STB #5																		

12. You can see the red cell on the screen.

검증불가능 mean that DUT is not ready to test

대기중 means “waiting”.



No	MAC	검증가능	Netw...	STB	진...	BTO	RB	NV	BS	SS	NA	RVF	VVF	RC	B...	무선	결과	상태메시지
STB #1	485F99C72AAF	검증가능	단절	-	0.0%	0	0	0	0	0	0	0	0	-	-		-	STB IP 인식 성공
STB #2																		
STB #3																		

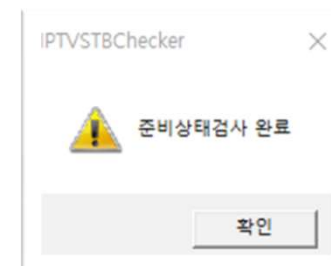
13. Select “준비상태검사” Menu on the screen.

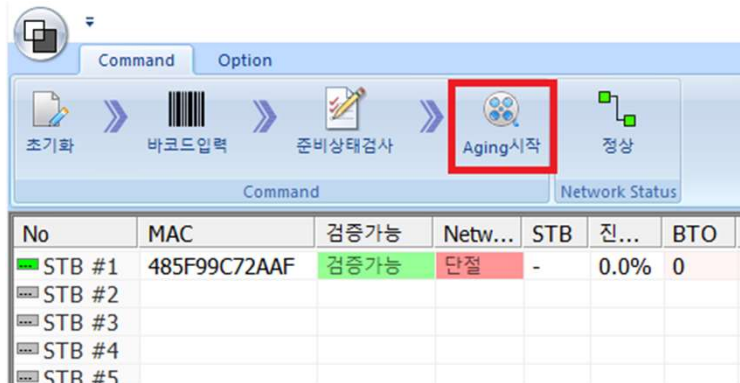
If there is no issue, then you can see “검증가능”(Testable) in green cell.(Bellow Photo)

And you can see “STB IP 인식 성공”(Success to recognize STB IP).

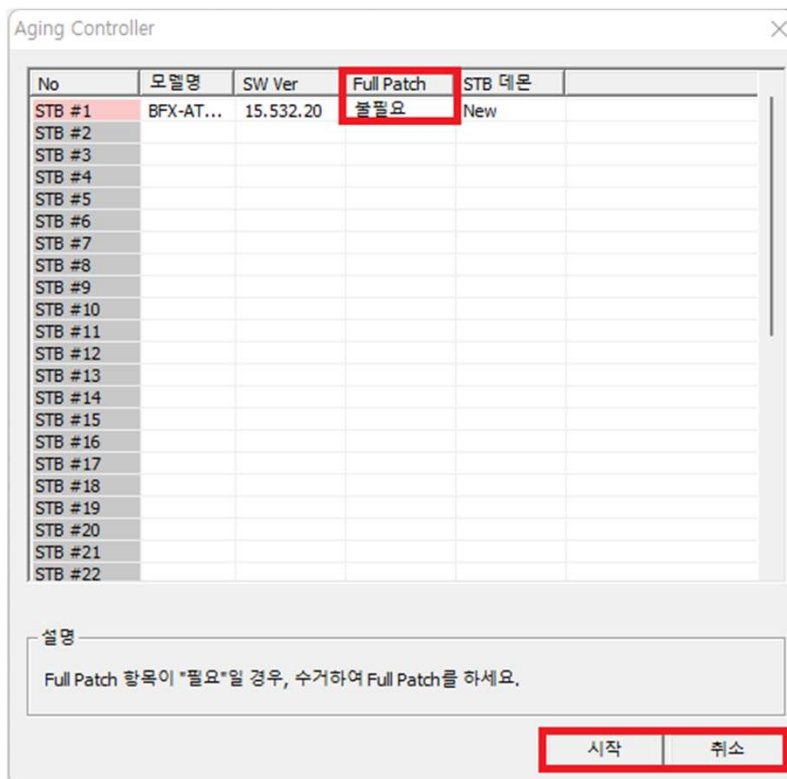
14. And you can see the pop-up menu middle of the screen.

Press the “확인”(Checked) button.





15. Select “Aging 시작”(Start Aging).



16. Aging controller Pop-up menu is shown on the screen.

You should check Full Patch.

If Full Patch is “필요”(needed), then you should go to step 6.

So select “취소”(Cancel) button on the bottom of the screen.

If Full Patch is “불필요”(not needed), then now it is ready to test.

Select “시작”(Start) button on the bottom of the screen,

then Aging test will be started.

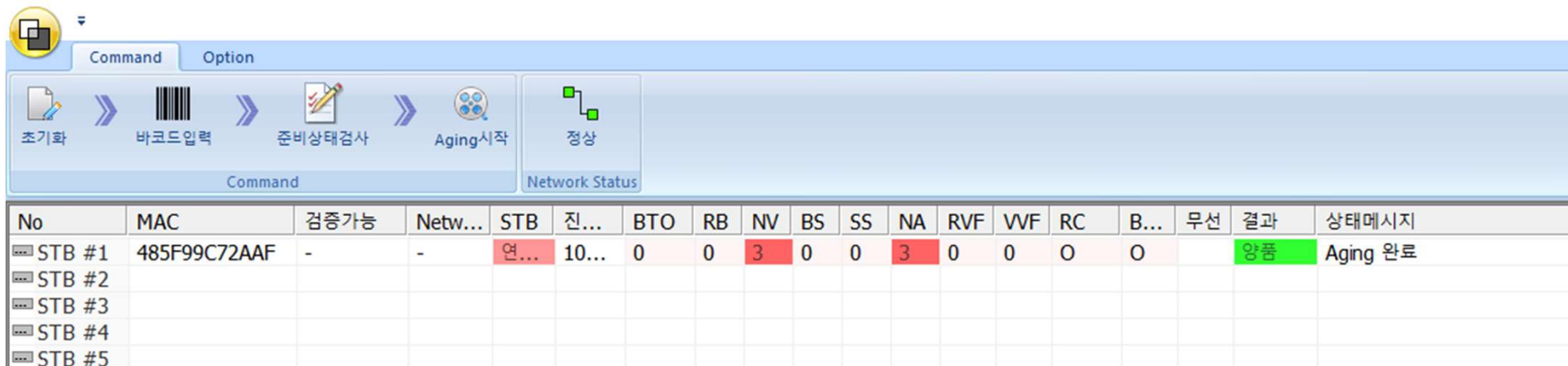
17. Finishing Aging test

Waitng until Aging test SW finalize the test result.

“상태메시지”(Status Msg) should be “Aging 완료”(Complete aging).

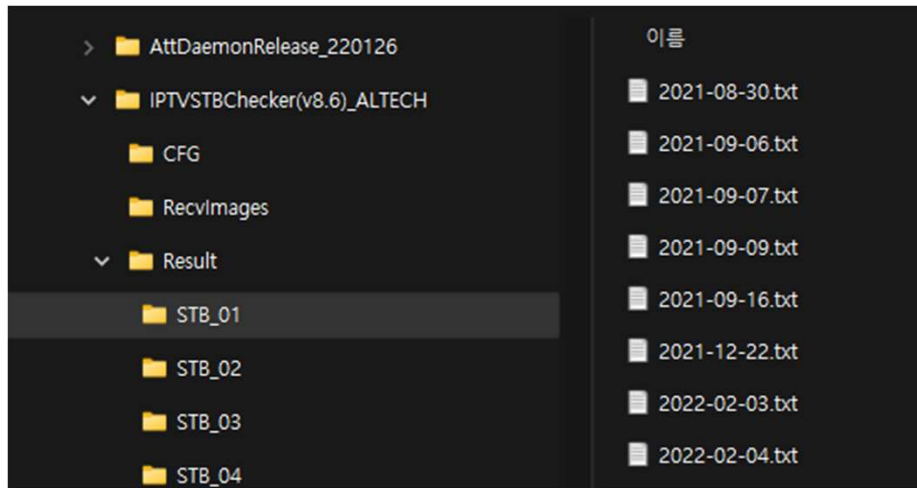
“결과”(Result) should be “양품”(Good), not “불량”(Bad)

NV and NA should be 0.



No	MAC	검증가능	Netw...	STB	진...	BTO	RB	NV	BS	SS	NA	RVF	VVF	RC	B...	무선	결과	상태메시지
STB #1	485F99C72AAF	-	-	연...	10...	0	0	3	0	0	3	0	0	0	0		양품	Aging 완료
STB #2																		
STB #3																		
STB #4																		
STB #5																		

The DUT should show the RCU Pairing for Google assistance on the screen.



● Test result

1. IPTVSTBChecker store test result.

The result file located in

IPTVSTBChecker(v8.6)_ALTECH – Result – STB_01.

01 means that you assign no. when you enter the DUT Mac address.

In the “Result” directory, there are test files with date.

In the file, you can see the communication data between DUT and

IPTVSTBChecker. Please see the left sample file.

```
2022-02-04.txt - 메모장 PREVIEW
파일 편집 보기

[2022-02-04 12:29:14][1]#### IP Get (0) : 0 ####
[2022-02-04 12:29:17][1]#### Socket Connect Success(0) ####

[2022-02-04 12:29:23][1]# Send # - [0]=====
MSG-KIND:OPTION
DATA-LENGTH:203

IMAGE-KIND:JPG
IMAGE-RESOLUTION:640-480
IMAGE-CYCLE:2.0
CITIZEN-NUMBER:070718
LOGIN-NUMBER:100601038771
MANAGER-CODE:1239
PARTIAL-PATCH:0
PATCH-REBOOT-FLAG:1
LATEST-SW-VER:
LATEST-PARTIAL-VER:

[2022-02-04 12:29:23][1]##Recv[0]## MSG-KIND:INFO
DATA-LENGTH:191

SW-UPDATE-DATE:20210315
CHANNEL-VER:
CHANNEL-UPDATE-DATE:
HDD:8
SETUP-LOGOUT:TRUE
SETUP-CHILDREN-LIMIT:TRUE
SETUP-AUTOUPGRADE-PROHIBITION:TRUE
SETUP-DHCP:TRUE
SDCARD:TRUE
USB:FALSE

[2022-02-04 12:29:23][1]Send Ack(MSG_R_INFO) ==
```

Thank you.

