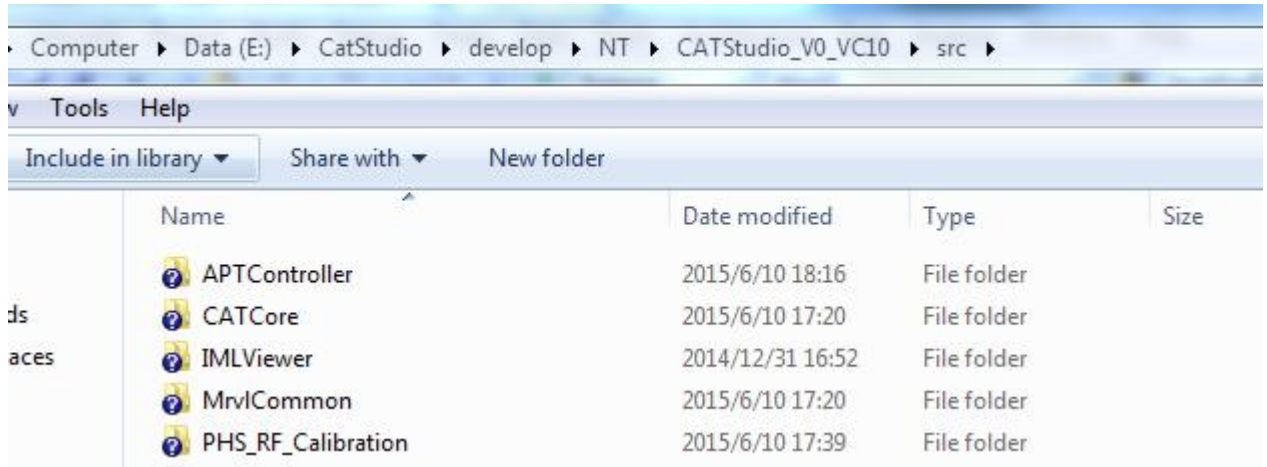


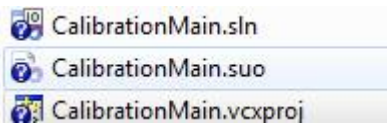
Convert PHS_RF_Calibration from ACAT to CATStudio Use Guide

1, Copy PHS_RF_Calibration to src folder in CATStudio release package as below:

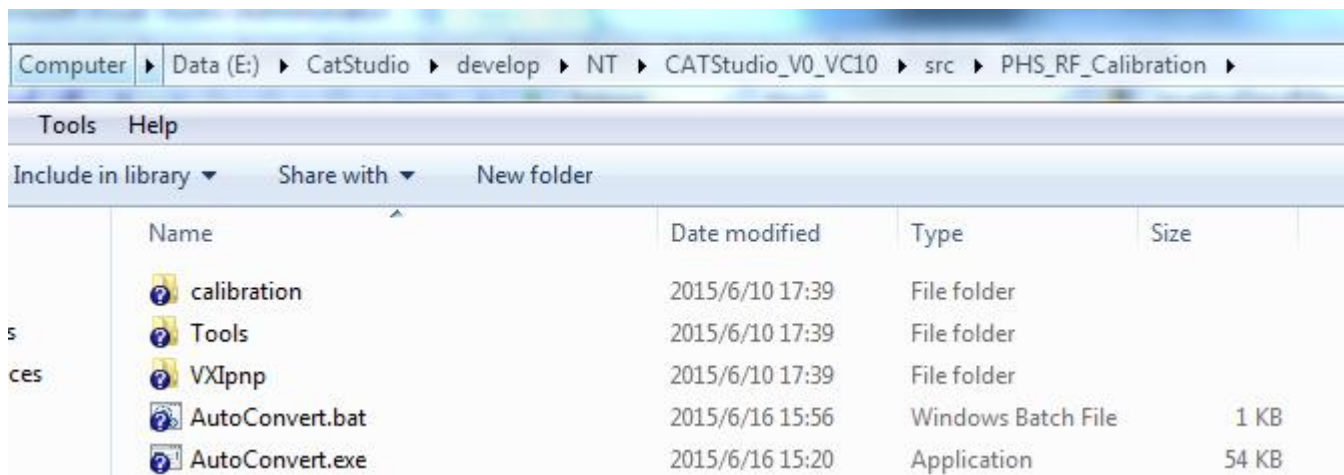


2, Open CalibrationMain project in \PHS_RF_Calibration\calibration\Source_Files\ folder with VC10 to convert the project to VC10 MBCS project then close VC10 & save the new project.

You can get such files:



3, Copy AutoConvert.bat & AutoConvert.exe to PHS_RF_Calibration folder as below:



4, Run AutoConvert.bat & finish as below: **NOTICE: the tools can be run successfully only once! if you run the tools on the project that have been converted successfully, there are will be errors when build.**

```

C:\Windows\system32\cmd.exe

Tools\Drivers\Willtek\Willtek_GSM.def
Tools\Drivers\Willtek\Willtek_GSM.dsp
Tools\Drivers\Willtek\Willtek_GSM.dsw
Tools\Drivers\Willtek\Willtek_GSM.opt
Tools\Drivers\Willtek\Willtek_GSM.plg
Tools\Drivers\Willtek\Willtek_GSM.positions
Tools\Drivers\Willtek\Willtek_GSM.rc
Tools\Drivers\Willtek\Willtek_GSM_interface.cpp
Tools\Drivers\Willtek\Willtek_GSM_interface.h
Tools\Drivers\Willtek\res\Willtek_GSM.rc2
217 File(s) copied

E:\CatStudio\develop\NT\CATStudio_V0_VC10\src\PHS_RF_Calibration>AutoConvert calibration1

E:\CatStudio\develop\NT\CATStudio_V0_VC10\src\PHS_RF_Calibration>AutoConvert Tools1

E:\CatStudio\develop\NT\CATStudio_V0_VC10\src\PHS_RF_Calibration>rd /s /q calibration1

E:\CatStudio\develop\NT\CATStudio_V0_VC10\src\PHS_RF_Calibration>rd /s /q Tools1

AutoConvert finish!
Press any key to continue . . .

```

5, Open CalibrationMain.sln in \PHS_RF_Calibration\calibration\Source_Files\ folder to build PHS_RF_Calibration on CATStudio, build success as below:

```

1> Generating Code...
1> C:\Program Files (x86)\MSBuild\Microsoft.Cpp\v4.0\Microsoft.CppBuild.targets(990,5): warning MSB8012: TargetPath(E:\CatStudio\develop\NT\CATStudio_V0_VC10\src\
1> \CALIBRATIONMAIN.def(8): warning LNK4017: DESCRIPTION statement not supported for the target platform; ignored
1> Creating library ..\..\..\Lib\CALIBRATIONMAIN.lib and object ..\..\..\Lib\CALIBRATIONMAIN.exp
1> CalibrationMain.vcxproj -> E:\CatStudio\develop\NT\CATStudio_V0_VC10\src\PHS_RF_Calibration\calibration\Source_Files\..\..\..\Lib\CalibrationMain.dll
===== Rebuild All: 1 succeeded, 0 failed, 0 skipped =====

```

Computer > Data (E:) > CatStudio > develop > NT > CATStudio_V0_VC10 > LIB					
Tools Help					
Include in library ▾ Share with ▾ New folder					
	Name	Date modified	Type	Size	
	 Adsapi32.lib	2013/9/18 10:20	Object File Library	36 KB	
	 CalibrationMain.bsc	2015/6/18 17:10	Source Browser D...	19,283 KB	
res	 CALIBRATIONMAIN.exp	2015/6/18 17:09	Exports Library File	19 KB	
	 CALIBRATIONMAIN.lib	2015/6/18 17:09	Object File Library	32 KB	
	 CalibrationMain.pdb	2015/6/18 17:09	Program Debug D...	15,899 KB	

Computer > Data (E:) > CatStudio > develop > NT > CATStudio_V0_VC10 > TestEngine > Tests-Dlls >					
Tools Help					
Include in library ▾ Share with ▾ New folder					
	Name	Date modified	Type	Size	
Is aces	LNS	2015/6/17 18:14	File folder		
	SystemControl	2015/6/17 18:14	File folder		
	CALIBRATIONMAIN.dll	2015/6/18 17:09	Application extens...	3,283 KB	
	CALIBRATIONMAIN.ilc	2015/6/18 17:09	Incremental Linke...	8,859 KB	

6, Run RF858_PX1908_GSM_B2358_OK.tb with PHS_RF_Calibration on CATStudio can pass & get running log in TestStudio.html as below:

336	15:50:14.319	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 ***** STAGE 6 - Completion RSSI Correction Table *****
337	15:50:14.383	INFO	CTestEngineDlg::SendLogToView (L2143) :Calibration software version RF_Cali_08.00
338	15:50:14.383	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - Set Device 1
339	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - Tx Self Calibration on band EGSM passed
340	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AFC on band EGSM passed
341	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AGC on band EGSM passed
342	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band EGSM and GMSK passed
343	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band EGSM and PSK8 passed
344	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - Tx Self Calibration on band GSM1800 passed
345	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AFC on band GSM1800 failed or skipped,
346	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AGC on band GSM1800 passed
347	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band GSM1800 and GMSK passed
348	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band GSM1800 and PSK8 passed
349	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - Tx Self Calibration on band GSM1900 passed
350	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AFC on band GSM1900 failed or skipped,
351	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AGC on band GSM1900 passed
352	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band GSM1900 and GMSK passed
353	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band GSM1900 and PSK8 passed
354	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - Tx Self Calibration on band GSM850 passed
355	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AFC on band GSM850 failed or skipped,
356	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - AGC on band GSM850 passed
357	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band GSM850 and GMSK passed
358	15:50:14.426	INFO	CTestEngineDlg::SendLogToView (L2143) :UE 1 Calibration Message - APC on band GSM850 and PSK8 passed

7, If any problem, please send email to lianghuxu@asrmicro.com