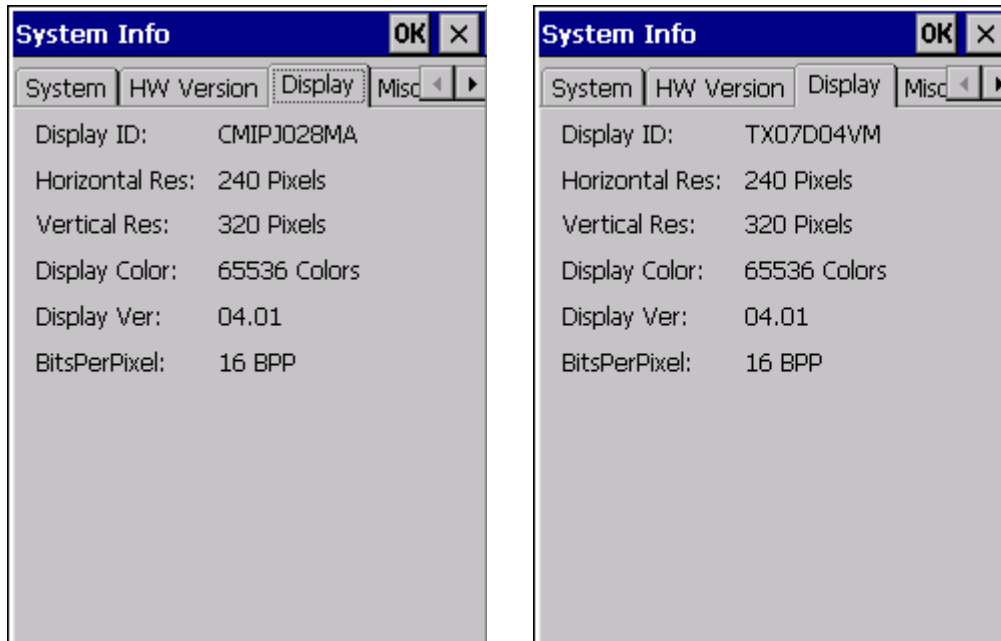


Guide to Create the Custom Partition Table & Platform Partition using DCP v9.0.0 for MC17 Units

The Latest BSP 05.35.22 contains a protection logic which will not allow the old BSP Images (BSPs like 02.35.05 and 03.35.11) from being flashed on the new MC17U units (Devices with CMI Display)

To identify, whether your device is MC17U with CMI Display, Go to Start Menu -> Settings -> Control Panel -> System Info -> Display Page. If the Display ID is CMIPJ028MA, then it's a new MC17U device.



If it's TX07D04VM, then it's an old MC17A/MC17T device with Hitachi display.

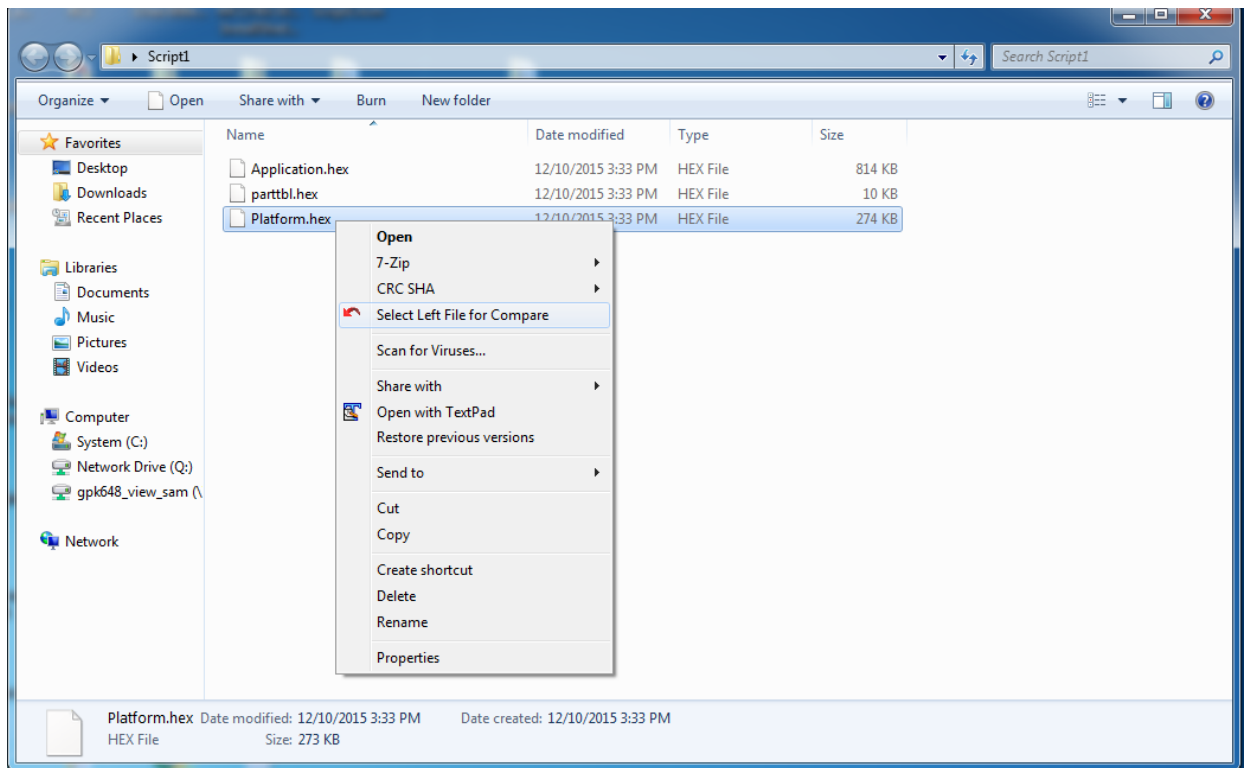
The Primary reason is that the OLD BSPs do not contain the driver support for CMI display.

This protection logic demands an additional step while creating the Custom Platform and Partition table using the DCP v9.0.0.

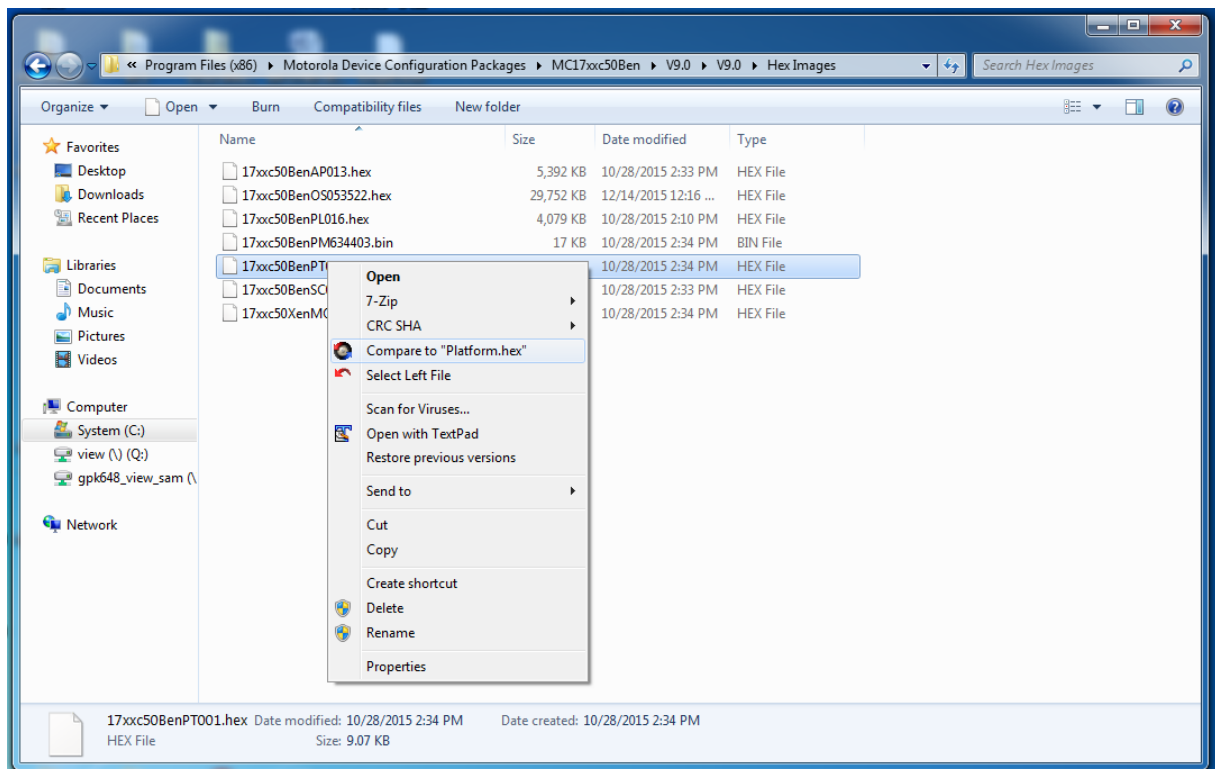
A text comparing utility is required to achieve this. We recommend using Beyond Compare. The latest version may be found at http://www.filehippo.com/download_beyond_compare/.

Please follow the below steps carefully to create your Custom Platform partition.

1. Build your Custom Platform Partition using TCM Application
2. Please download and install Beyond compare in your PC.
3. Use beyond Compare tool to compare the hex image created through TCM and the image at "C:\Program Files (x86)\Motorola Device Configuration Packages\MC17xxc50Ben\V9.0\V9.0\Hex Images" folder.
4. Right click on the hex file (created through TCM) and select left side to compare.



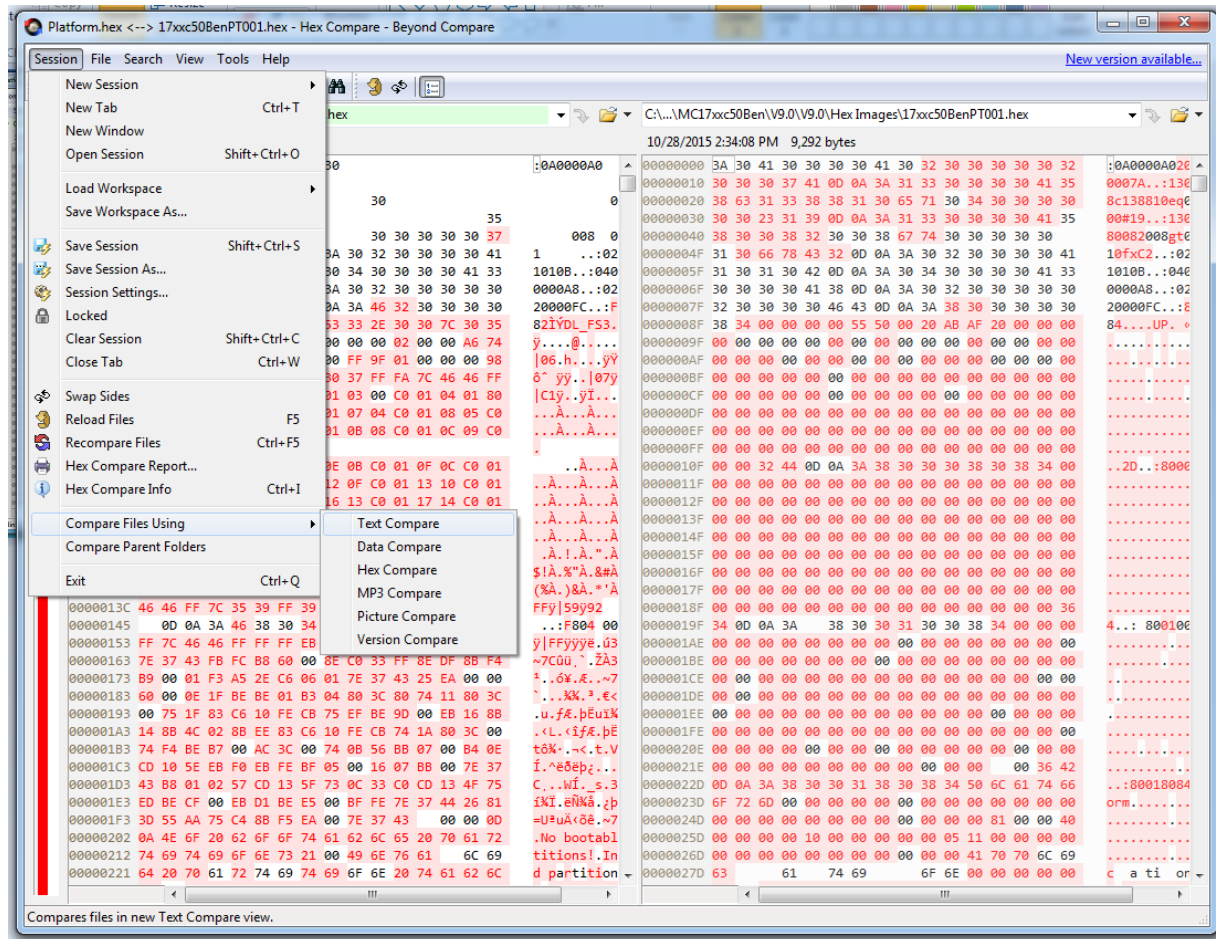
- Then right click on hex file of "C:\Program Files (x86)\Motorola Device Configuration Packages\MC17xc50Ben\V9.0\V9.0\Hex Images" folder and select "Compare to 17xc50BenPT001.hex".



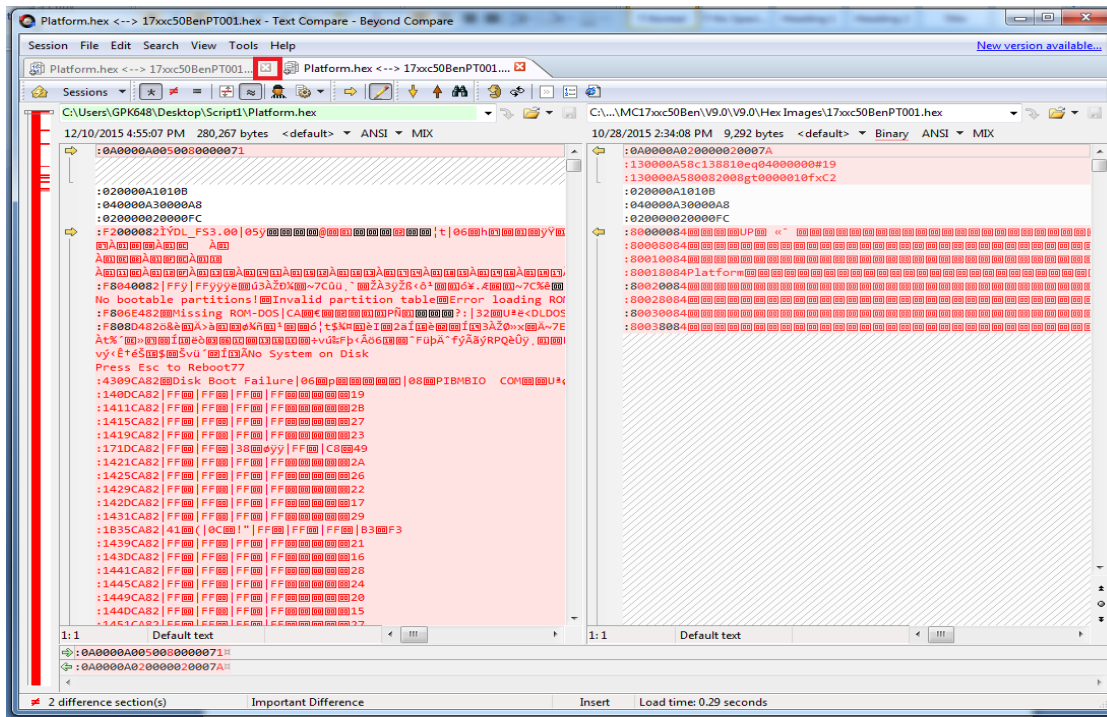
6 . Now both the files are open in Beyond Compare Window. Custom **Platform.hex** (created through TCM) is seen on left side and **Partition.hex** of Hex image folder is seen on right side.

This present view is called Hex compare view and using the Text compare view will simplify the task.

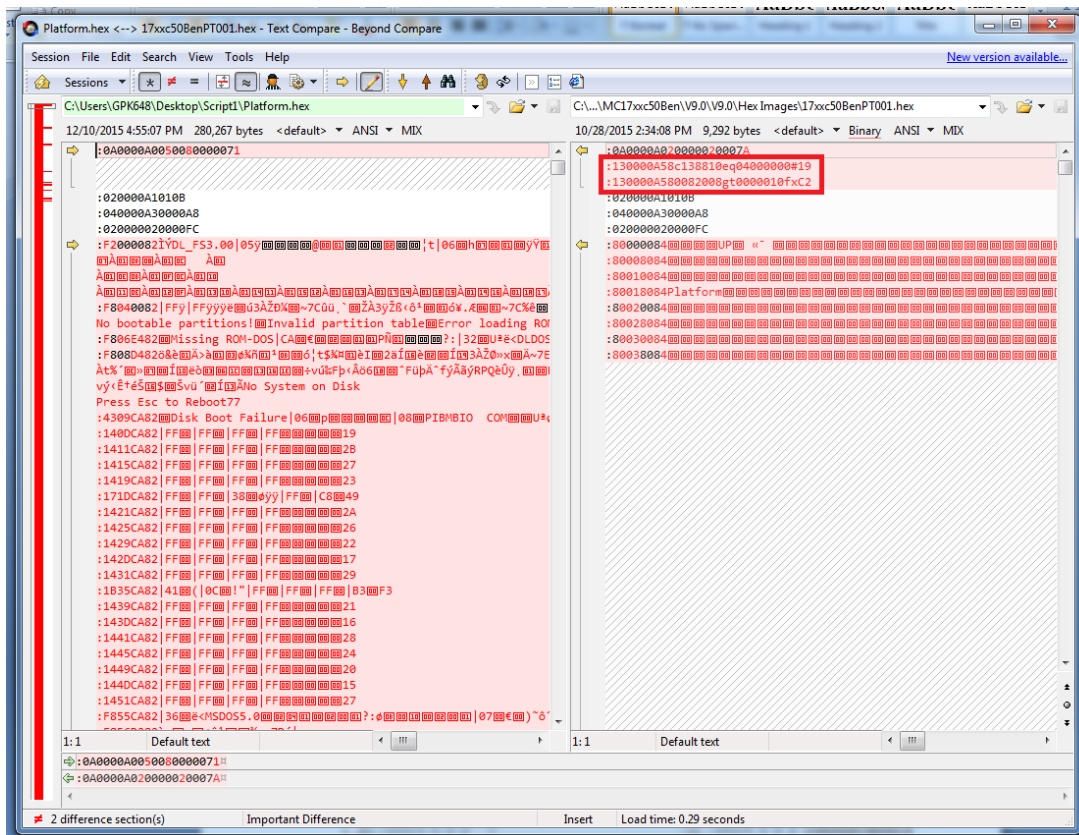
Click on “Session”, then select “Compare Files Using”, from drop down choose “Text Compare” as depicted in the image below.



Close the left most window as depicted in the image below.

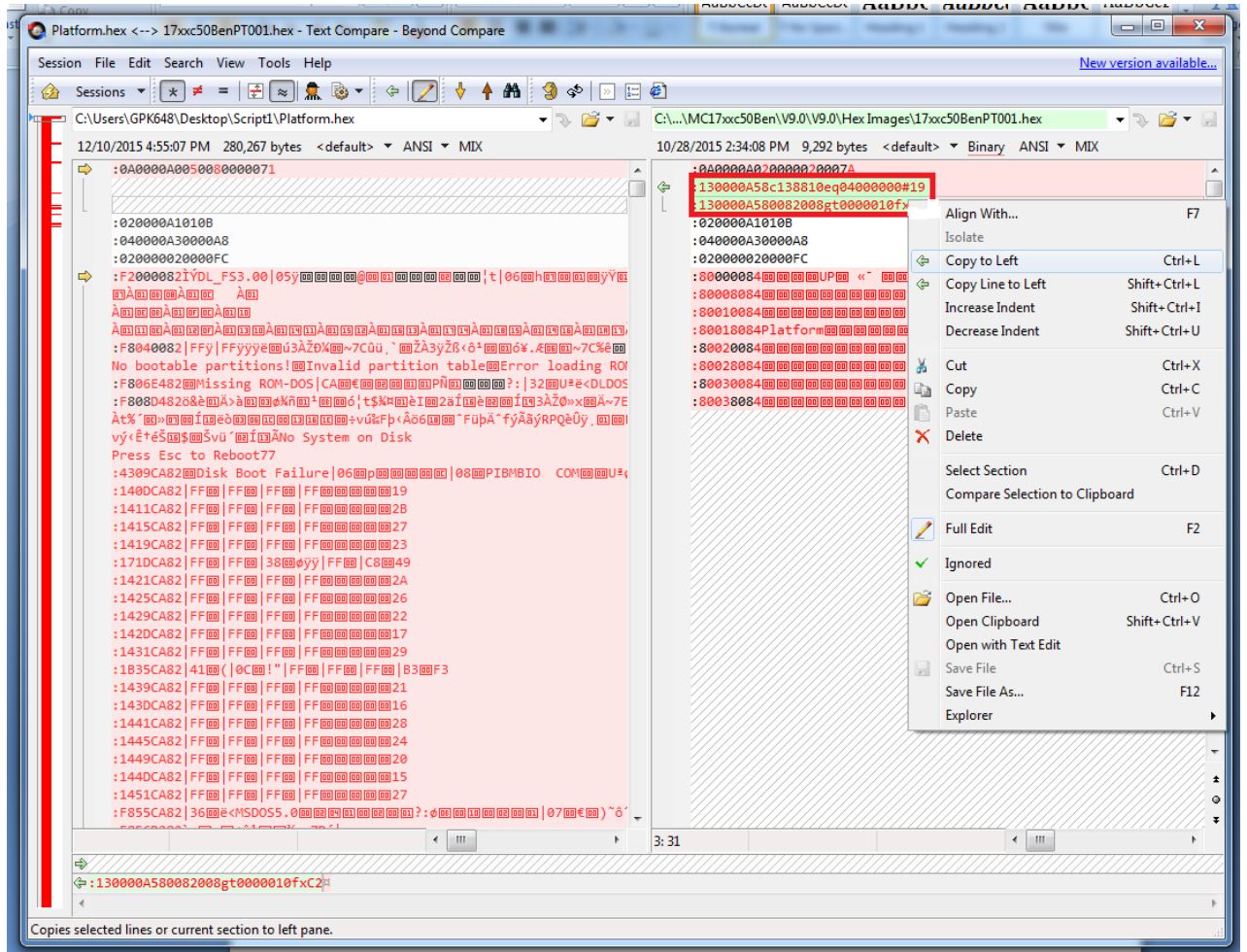


The protection logic is highlighted at the right side

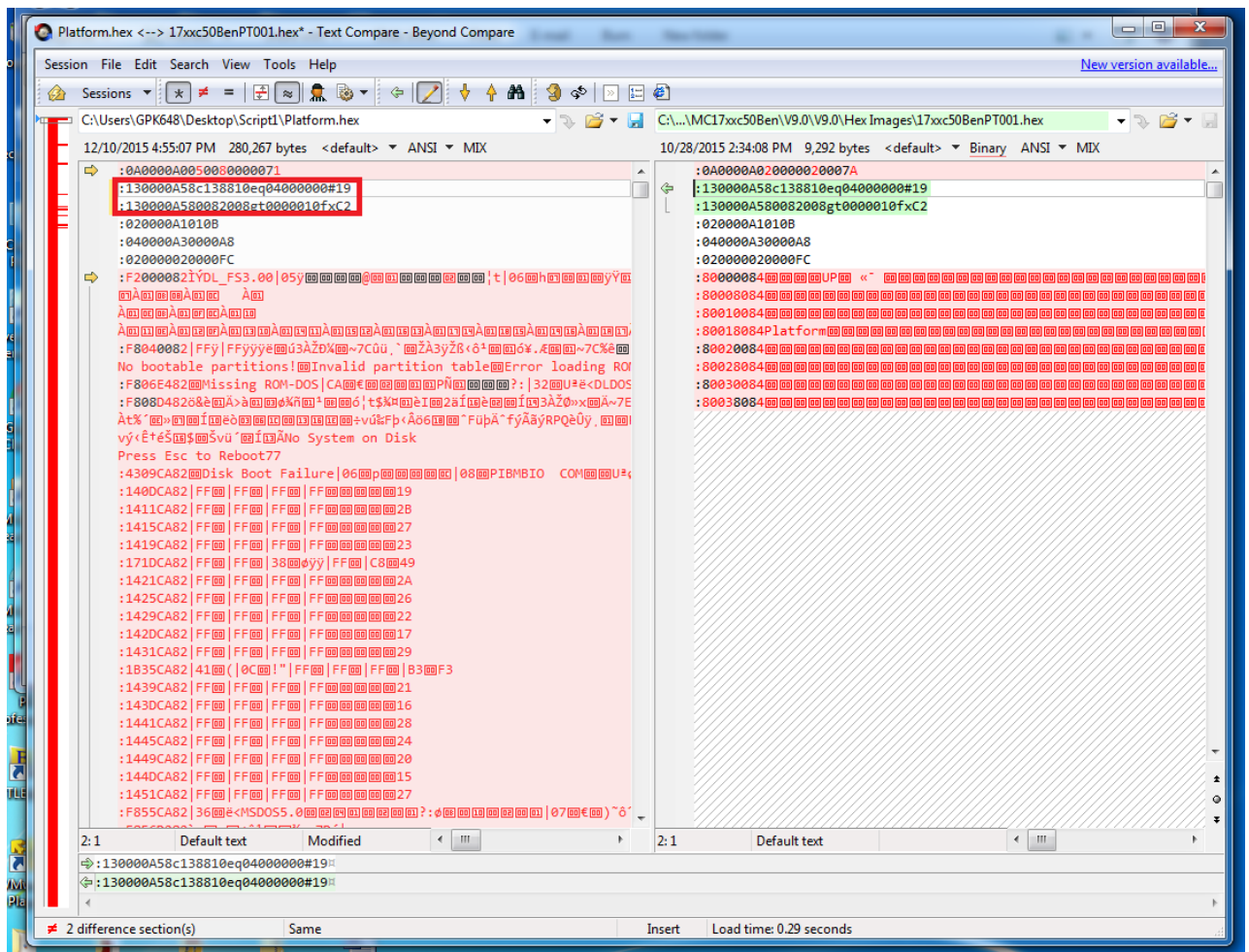


- Now the protection logic should be copied to the Custom Platform file (created through TCM).

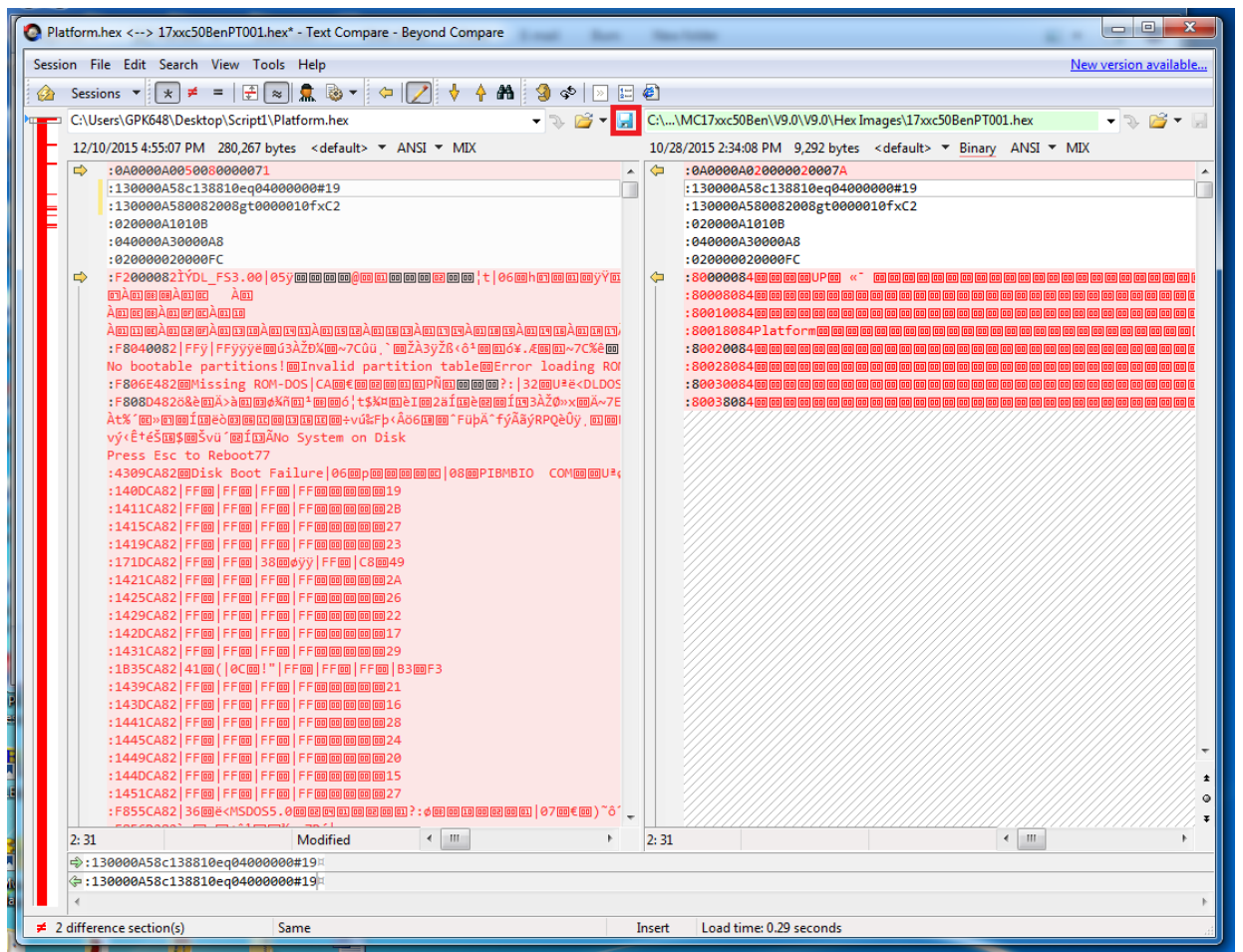
Select 2nd and 3rd lines in the right side view of Beyond Compare and right click and choose “Copy to Left”.



One warning window will popup, click “yes” to allow the changes.



8. Once the protection logic is copied both left and right side files will have same 2nd and 3rd lines as shown below. **You should not copy any other line from right side to left side. Only these two lines should be copied.** Now please click on SAVE icon on the left side before beyond compare is closed.



9. Now the Custom Platform partition created using TCM can be flashed on MC17.
10. Please follow the same procedure to add the protection logic into the Partition Table hex image as well.