I am using STM32F072 DiscoveryKit board developing monitoring Device application

Hex file path:

<https://github.com/bhaveshkumardhameliya/EATON/blob/3c9f2f5e47995540f2ca1245baf06aafa3fcb672/Code/MonitoringDevices/Objects/MonitoringDevices.hex>

Compiler = KEIL ARM C compile free version from below link

<https://www2.keil.com/stmicroelectronics-stm32/mdk>

The complete package of Source code and hex file are uploaded into Github, You can download the set up and load Hex file using ST32 ST-LINK utility.

In code I have implemented Flash CRC validation for 32Kbytes of code size as my per my program size.

For that I am using last 4 byte of 32Kbyte flash to store the data of CRC.

I have used Docklight Software to simulate the devices and sending message from Docklight software.

You can refer to below link for same,

<https://github.com/bhaveshkumardhameliya/EATON/blob/3c9f2f5e47995540f2ca1245baf06aafa3fcb672/TestingTools>

Refer to below image for complete setup

