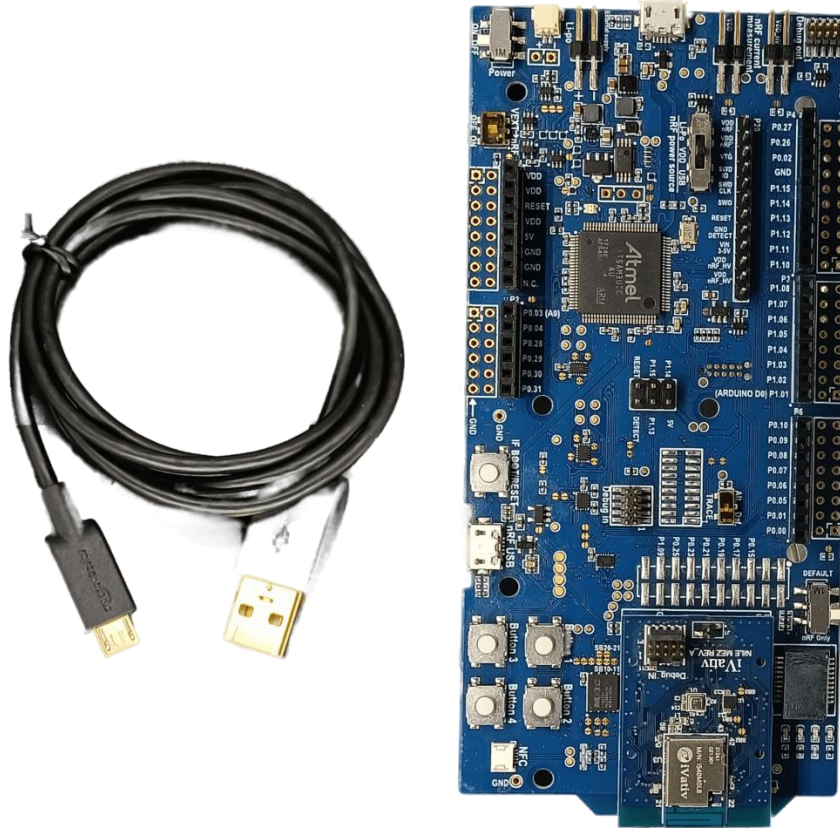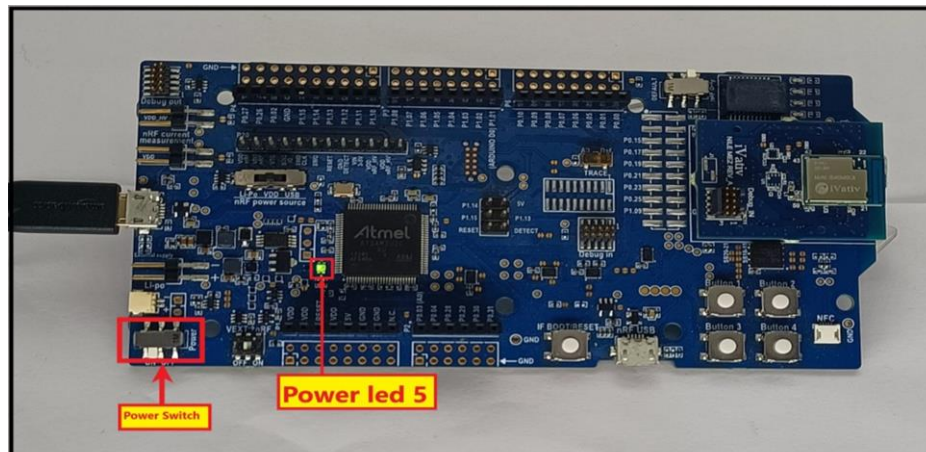# I540MOL8 (NILE)

BT 5.4 Standalone Module

❖ Unpack the Development Kit and make sure all items are available as listed below
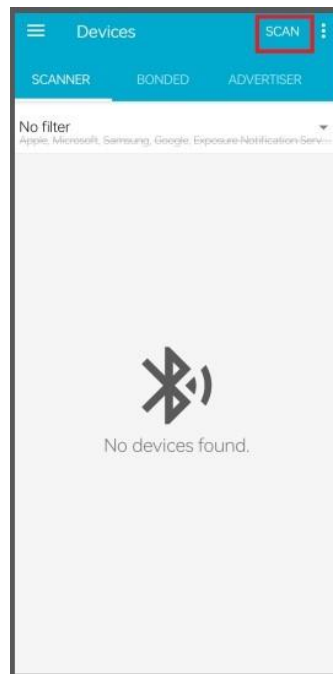
- 1x NILE DVK
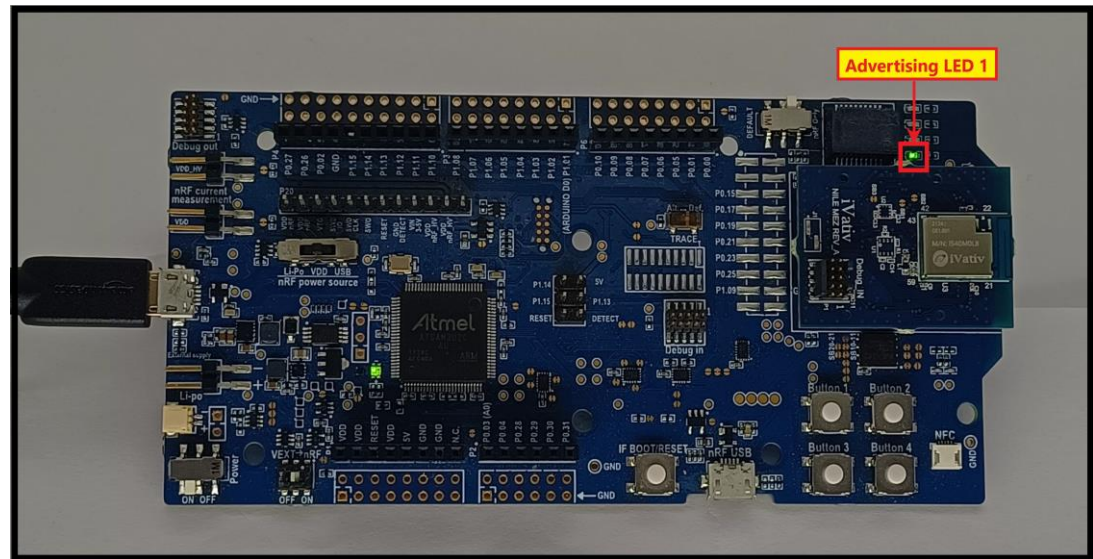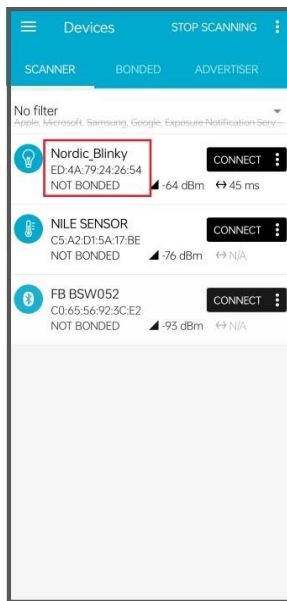- 1 x Micro USB Cable

❖ Download the nRF Connect mobile app from the Google play store

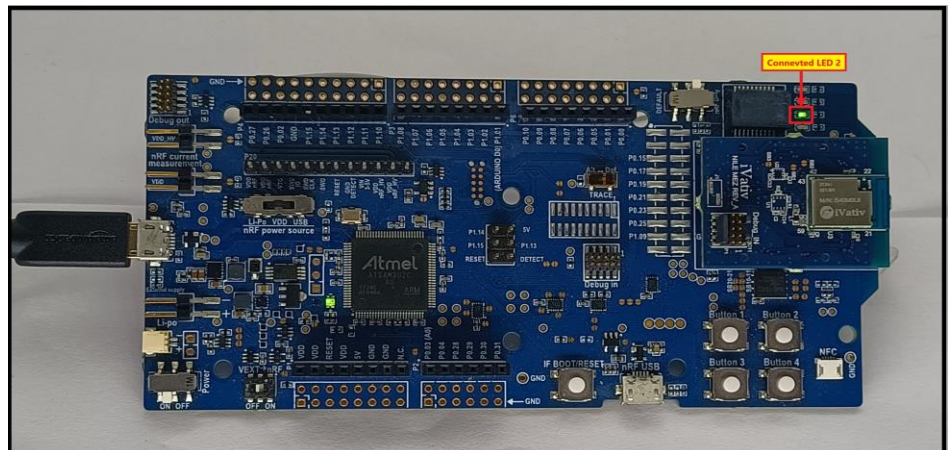❖ Connect the Micro USB cable to DVK and Power on the DVK by toggling the power switch. LED5 (Power LED) should be ON

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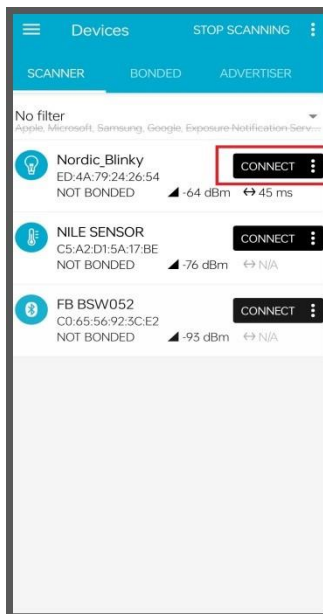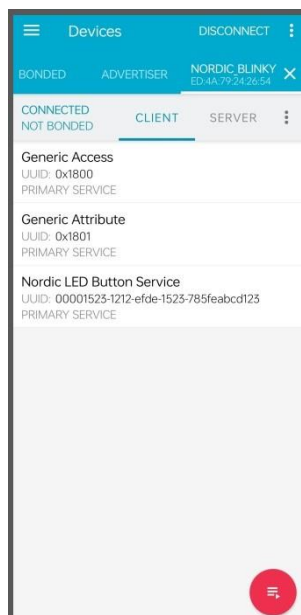- ❖ Now open the nRF connect application and tap on Scan

- ❖ Check the App and look for **NORDIC_BLINKY** in the scanned devices list**.** Also the LED1 on the Nile DVK should turn ON(Indication that NILE Module is advertising), as shown in the images below:

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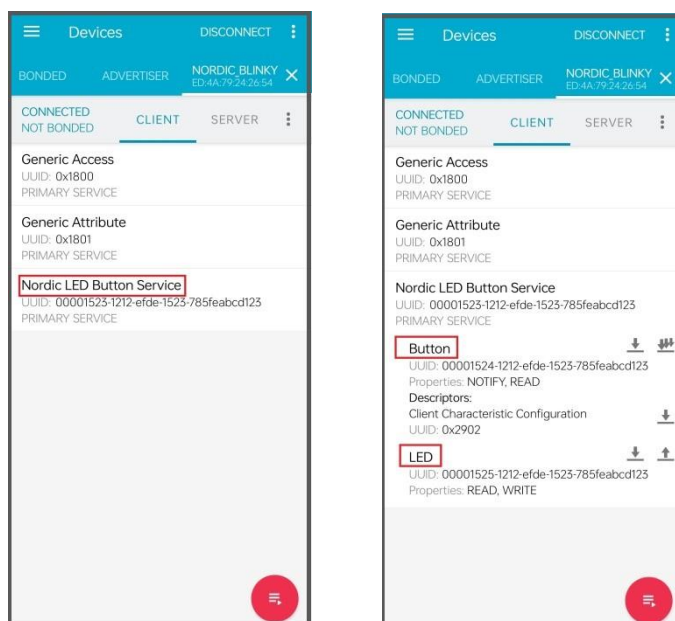Page **2** of **8**

❖ Tap on **CONNECT** to establish the connection with the NILE module on the DVK. Once the connection is established, LED2 on the NILE DVK should turn ON.
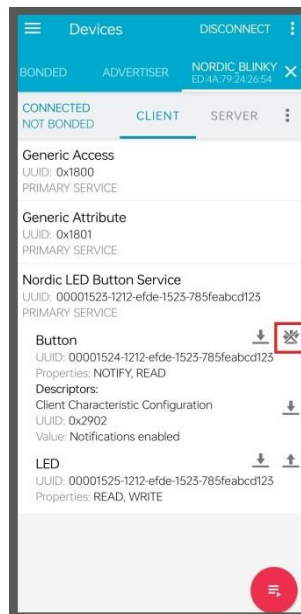

❖ Now observe the Services displayed as shown in the following image.

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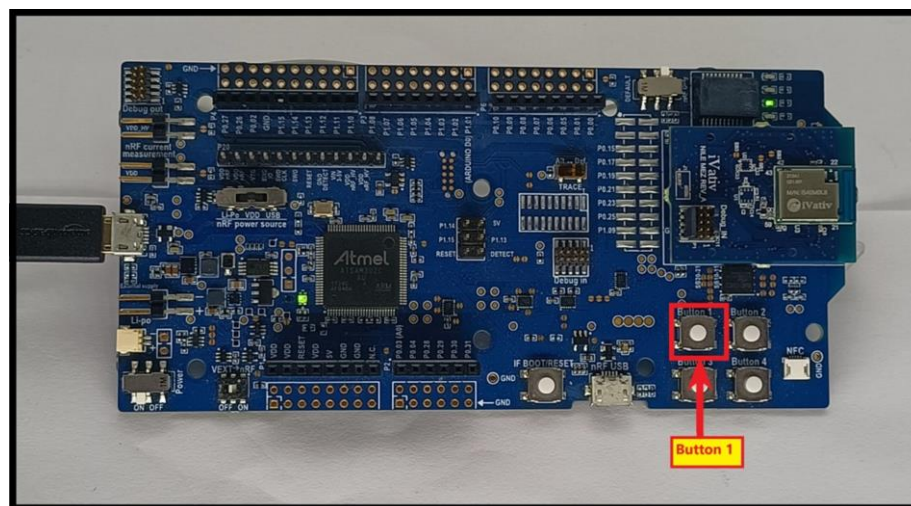❖ Now tap on **Nordic LED Button Service** in order to see the list of available characteristics (BUTTON and LED), please refer the following images.
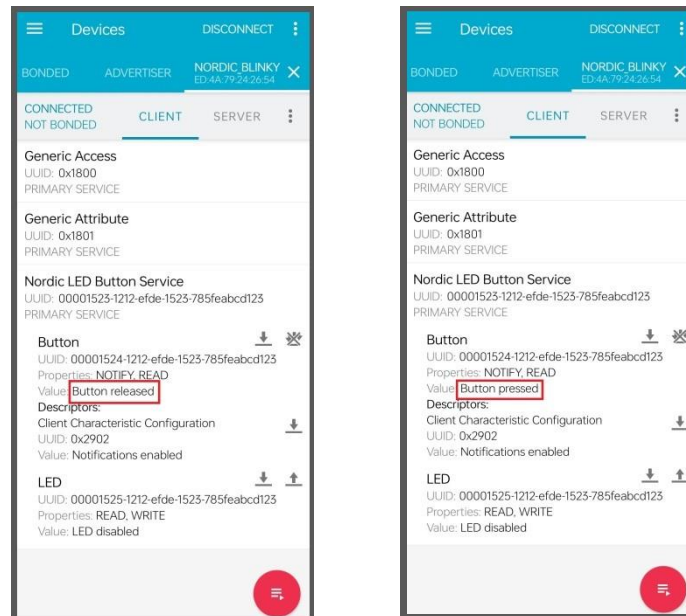

❖ Now enable Notifications by tapping on **three down arrows** next to button characteristics as highlighted in the image as shown below.

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❖ Press **Button 1** on the NILE DVK and observe the app to see the value of Button characteristic changing, depending on the action performed on Button 1(Button pressed or Button released).Please refer the following images

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❖ Next Tap on the Up arrow next to LED characteristics in order to enable or disable the LED3, A popup window will appear with the options to enable or disable the LED3 on the NILE DVK. Please refer the following images below.

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