

Beacon, through the use of low-power Bluetooth technology, the beacon base station can create a signal area, when the device enters the area, the corresponding application will prompt the user whether the need to access the signal network. With low-power Bluetooth technology that can be placed in any object, users can use the smartphone with beacon applications to transmit data.

Testing the Beacon

- 1) The Bluetooth 4.0 Beacon is always on once the battery has been inserted.
- 2) To test, download any beacon reader application for iOS or Android and you should be able to see the beacon during scans.

Android: <https://play.google.com/store/apps/details?id=no.nordicsemi.android.nrfbeacon&hl=en>

Apple: <https://itunes.apple.com/us/app/nrf-beacons/id879614768?mt=8>

Example Application:

-nRF Beacons for iOS

FCC Statement

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- (1) Reorient or relocate the receiving antenna.
- (2) Increase the separation between the equipment and receiver.
- (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- (4) Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.