

Module Level Integration Guide for DynaFlex II GO

Introduction

DynaFlex II GO (D2G) utilizes the Bluetooth module BGM220P from Silicon Laboratories for communications to Bluetooth networks. Although the BGM220P has its own FCC and ISED certification number, MagTek Inc. has completed a change of ID to incorporate the module into our product. This is because we cannot meet the minimum distance from the module to the human body as required by the modules' approvals. The change of ID has allowed us to perform SAR testing on our product to ensure we are under the RF exposure limits.

Rules to integrate BGM220P into DynaFlex II GO

- Do not modify the module electrically.
- Place the module aligned to the edge of the D2G MLB, as recommended in the datasheet.
- Leave the antenna clearance area void of any traces, components, or copper on all layers of the D2G MLB.
- Avoid plastic or any other dielectric material in contact with the antenna.