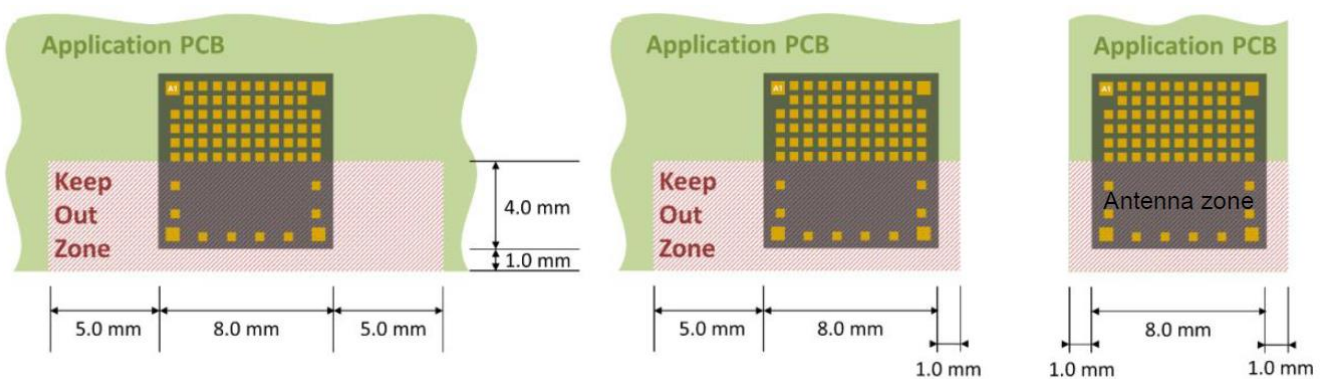


1. Antenna report

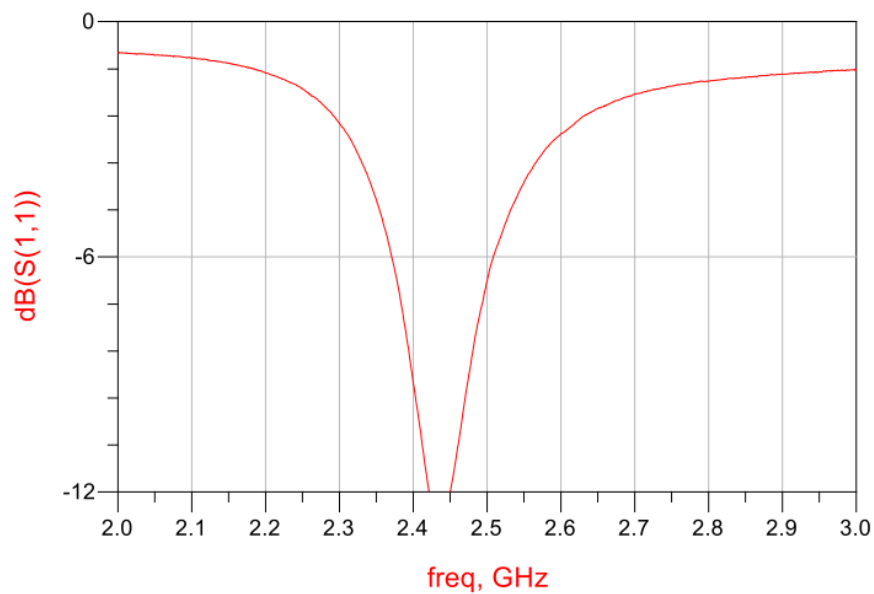
1. Antenna Keep-Out Zone

For optimal antenna performance, it is recommended to respect a metal exclusion zone to the edge of the board: no metal, no traces, and no components on any application PCB layer except mechanical LGA pads.



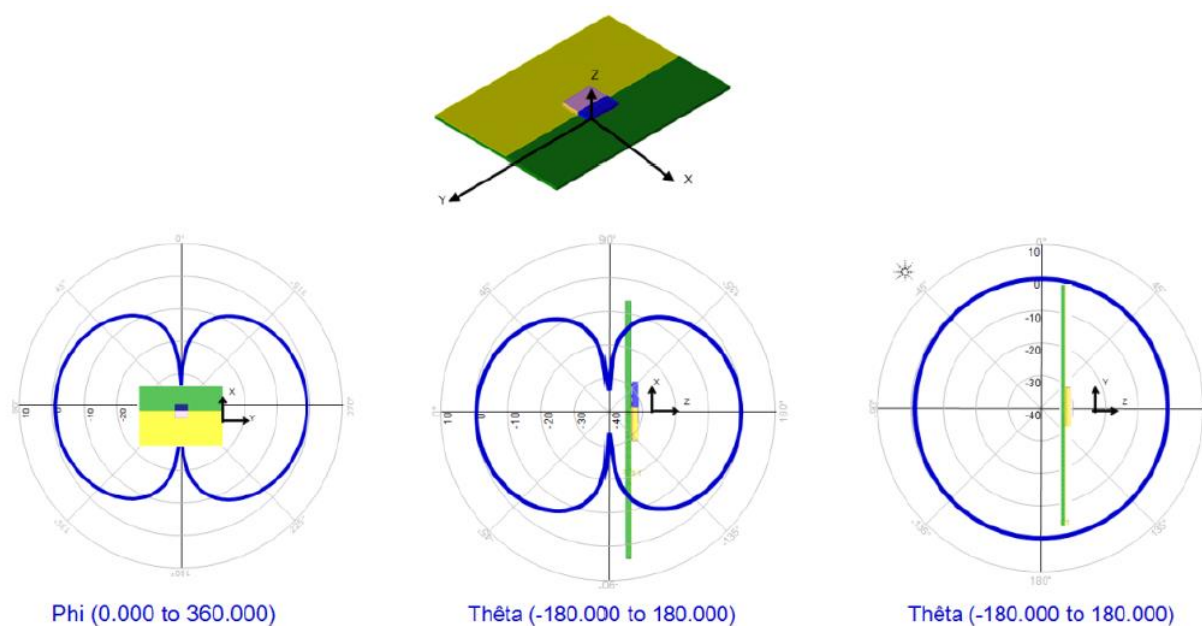
2. Typical Antenna Return Loss

Module mounted on a USB dongle ground plane



3. Radiation Pattern in 3 planes

Module mounted on a USB dongle ground plane



The measurement of maximum gain is 1 dBi in the BLE band from 2.4 GHz to 2.5 GHz.