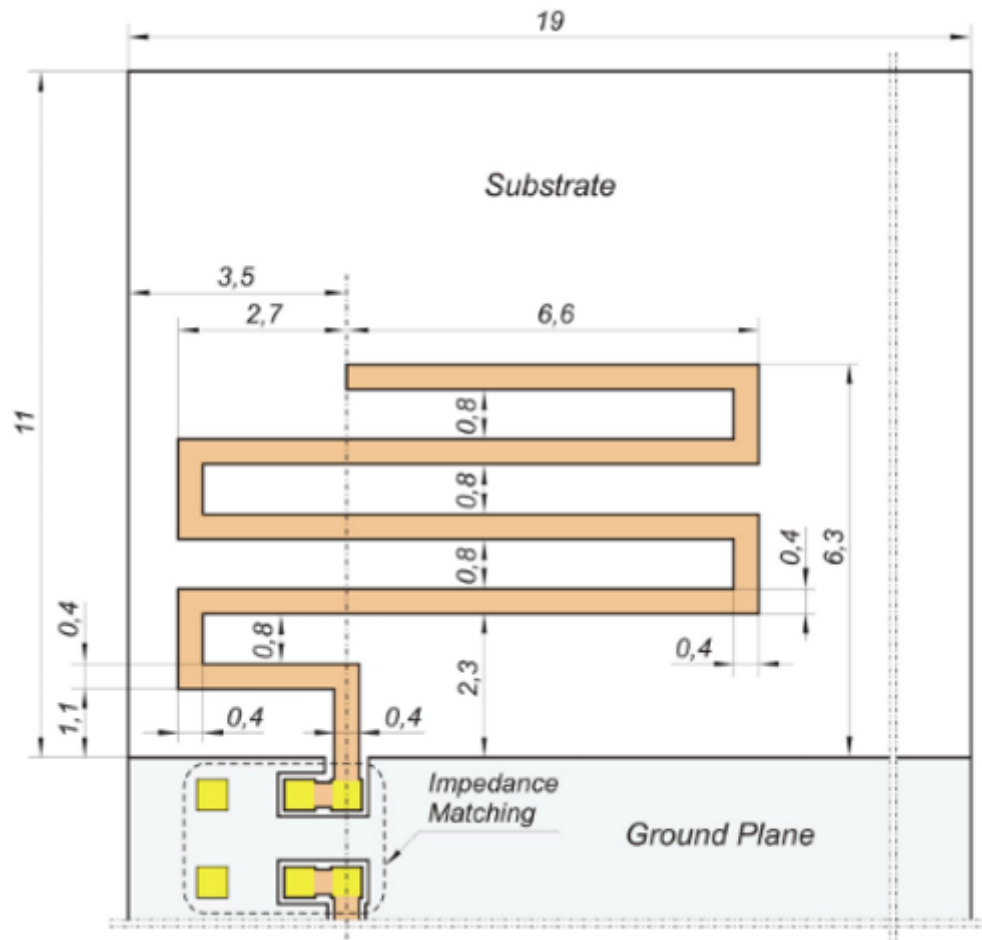


### 3 Layout specification

The PCB antennas, including the electrical parameters of PCB materials used, are layout sensitive. It is recommended to use a layout as close as possible to the one shown in the figure below.

**Figure 2. PCB antenna dimensions (in mm)**



The electrical parameters and performance of the PCB antenna are also determined by the substrate used, in particular the thickness of the core and dielectric constants.