# Module and Antenna Placement Guidelines – INP1012

Talaria TWO module INP1012 does not have an antenna on the module. The following are the guidelines to be executed to place the antenna on the application PCB.

1. The RFIO(Ant) PIN 30 on INP1012 has a feed point for antenna connection.
2. Feed Line coming out of the module should be 50Ω impedance matched as shown in Figure 25.
3. Figure 25 indicates the connector placement for the antenna.
4. Follow the clearance area specification provided by the antenna manufacturer.
5. Comply to the minimum ground plan requirement provided by the antenna manufacturer.
6. If a connector is placed on the application PCB, ensure it is 50Ω Ohm impedance connector.

Graphical user interface, application

Description automatically generated

Figure 25: Antenna placement diagram

Qr code

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Figure 26: INP1012 module antenna connector placement