

## **OEM Installation Guide on UNDP-1 PCI Express Mini Card North American compliance**

The UNDP-1 platform has been authorized for mobile operation in North America. The initial authorization grant does not permit end user installation.

A permissive change will be submitted to add end user installation and/or portable usage conditions. The permissive change application includes detailed information on UNDP-1's two-way authentication procedure preventing use of the module in unauthorized notebooks.

For mobile applications, the following conditions must be met:

1. Maintain at least a 20 cm separation between the antenna and the user's body.
2. Radiated transmit power must be equal to or lower than that specified in the FCC Grant of Equipment Authorization for FCC ID: HLZUNDP-1A.
3. To comply with FCC/IC regulations limiting both maximum RF output power and human exposure to RF radiation, maximum antenna gain (including cable loss) must not exceed:
  - Cellular band < 4 dBi
  - PCS band < 3.5 dBi
4. Independent UNDP-1 operation — the UNDP-1 platform must not be co-located or jointly operated with any other transmitter or antenna within the host device.
5. A label with the following statements must be attached to the host end product:  
This device contains Tx FCC ID: HLZUNDP-1A This equipment contains equipment certified under IC: 1754F-UNDP1A
6. The host end product must include a user manual that clearly defines operating requirements and conditions that must be observed to ensure compliance with current FCC/IC RF exposure guidelines.
7. The host end product must also pass the FCC Part 15 unintentional emission testing requirement and be properly authorized per FCC Part 15.

For portable devices, in addition to the conditions 3 through 6 described above, a separate approval is required to satisfy the SAR requirements of FCC Part 2.1093 and IC RSS-102.