

# Regulatory WLAN Antenna Information (Template)

*English Language Required for Intel Regulatory Review / Approval*

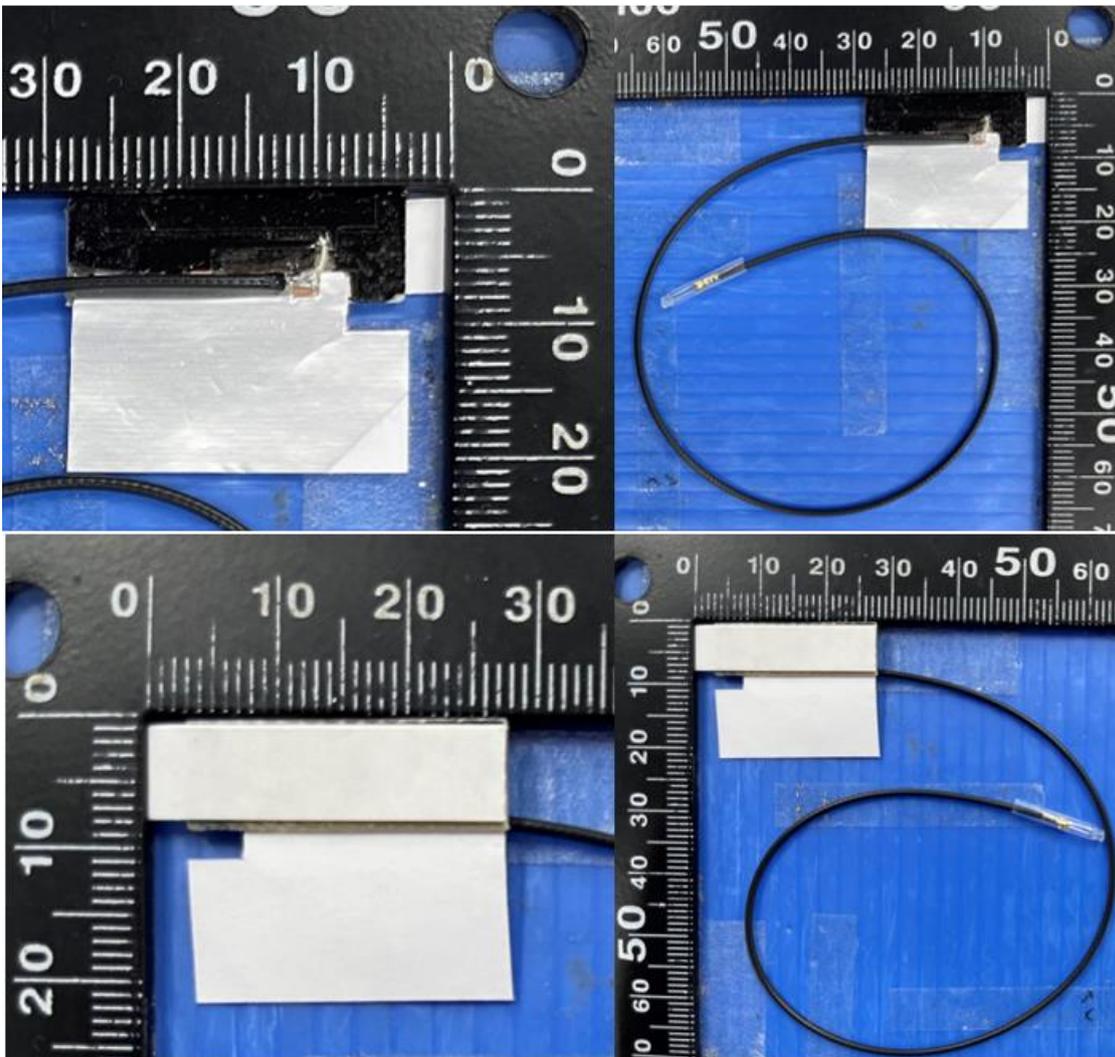
**(OEM/ODM or antenna vendor is required to complete this document with platform antenna information.**

**Remove Intel references and make this your own document)**

| Platform information   |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
|--|-----------------------------|----------------------------|---------------------------------------|--|------------------------------|------------------------|------------------------|------------------------|-------------------------|---|
| Brand  | ODM                         | ****End product model name | Intel platform<br>(ex: Yes, No or NA) | Platform type<br>(ex: regular NB, convertible PC, AIO...etc) | *SAR minimum separation (mm) |                        |                        |                        |                         |   |
| ASUS   | Compal                      | E1600WK                    | Yes                                   | AIO  | 4.85                         |                        |                        |                        |                         |   |
| ****Please fill in exact product model name and make sure the model name is visible on product cover or any parts for end users recognize for authority inspection.            |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| Antenna information  |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| Vendor   | Type                        |                            | Antenna Part number (Main)            | Antenna Part number (Aux)                                    |                              |                        |                        |                        |                         |   |
| High-Tek   | PIFA                        |                            | DC33002OQ00<br>(0ACCN021035N)         | DC33002OQ10<br>(0ACCN021036N)                                |                              |                        |                        |                        |                         |   |
| Peak gain w/ cable loss (dBi)*   |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
|  | 2.4GHz<br>2400-2483.5 MHz   | 5.2GHz<br>5150-5250MHz     | 5.3GHz<br>5250-5350MHz                | 5.6GHz<br>5470-5725MHz                                       | 5.8GHz<br>5725-5850MHz       | 6.2GHz<br>5925-6425MHz | 6.5GHz<br>6425-6525MHz | 6.7GHz<br>6525-6875MHz | 7.0 GHz<br>6875-7125MHz |   |
| Main   | 1.79                        | 1.9                        | 2.53                                  | 2.63   | 1.28                         | 0.92                   | 0.98                   | 1.48                   | 0.56                    |   |
| Aux  | 0.99                        | -0.6                       | -0.11                                 | 1.52   | 2.10                         | 1.96                   | 1.86                   | 2.87                   | 1.43                    |   |
| Intel Reference Gain/Type/ Separation distance   |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| Antenna Type   | Antenna Peak gain (In dBi)* |                            |                                       |  |                              |                        |                        |                        |                         | Distance to the end user (mm)   |
|  | 2.4GHz<br>2400-2483.5 MHz   | 5.2GHz<br>5150-5250MHz     | 5.3GHz<br>5250-5350MHz                | 5.6GHz<br>5470-5725MHz                                       | 5.8GHz<br>5725-5850MHz       | 6.2GHz<br>5925-6425MHz | 6.5GHz<br>6425-6525MHz | 6.7GHz<br>6525-6875MHz | 7.0GHz<br>6875-7125MHz  |   |
| Design   | 3.00                        | 5.00                       | 5.00                                  | 5.00   | 5.00                         | 5.00                   | 5.00                   | 5.00                   | 5.00                    | Generic sku: refer to modular<br>FCC SAR report<br>Mid-power sku: ≥ 8 mm<br>Low power sku: ≥ 5 mm |
| PIFA   | 3.23                        | 3.64                       | 3.73                                  | 4.77   | 4.97                         | 4.83                   | 4.30                   | 5.37                   | 5.59                    |   |
| Dipole   | 2.89                        | 2.92                       | 3.19                                  | 4.41   | 4.22                         | 4.83                   | 4.30                   | 4.49                   | 5.34                    |   |
| Notes (marked with *)  |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| * SAR minimum separation (mm)  |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| - Regular NB: Minimum antenna-to-body (from antenna bottom to the bottom of the device)  |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| - Tablet / Convertible PC: Minimum antenna-to-edge (5 sides of the device)   |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| - Mini-tablet: Minimum antenna-to-edge (6 sides of the device)   |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| * 3D Peak Antenna gain should be equal or greater than -2 dBi  |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |
| - If a host integrator plans to use a lower gain antenna of the same type, additional CBP(FCC)/EDT(EU) testing need to be performed while the module is installed in the host. |                             |                            |                                       |  |                              |                        |                        |                        |                         |   |

## Section 2. Dimensioned Photos or Drawings of Antennas

Main Antenna Photo (Front/Back):

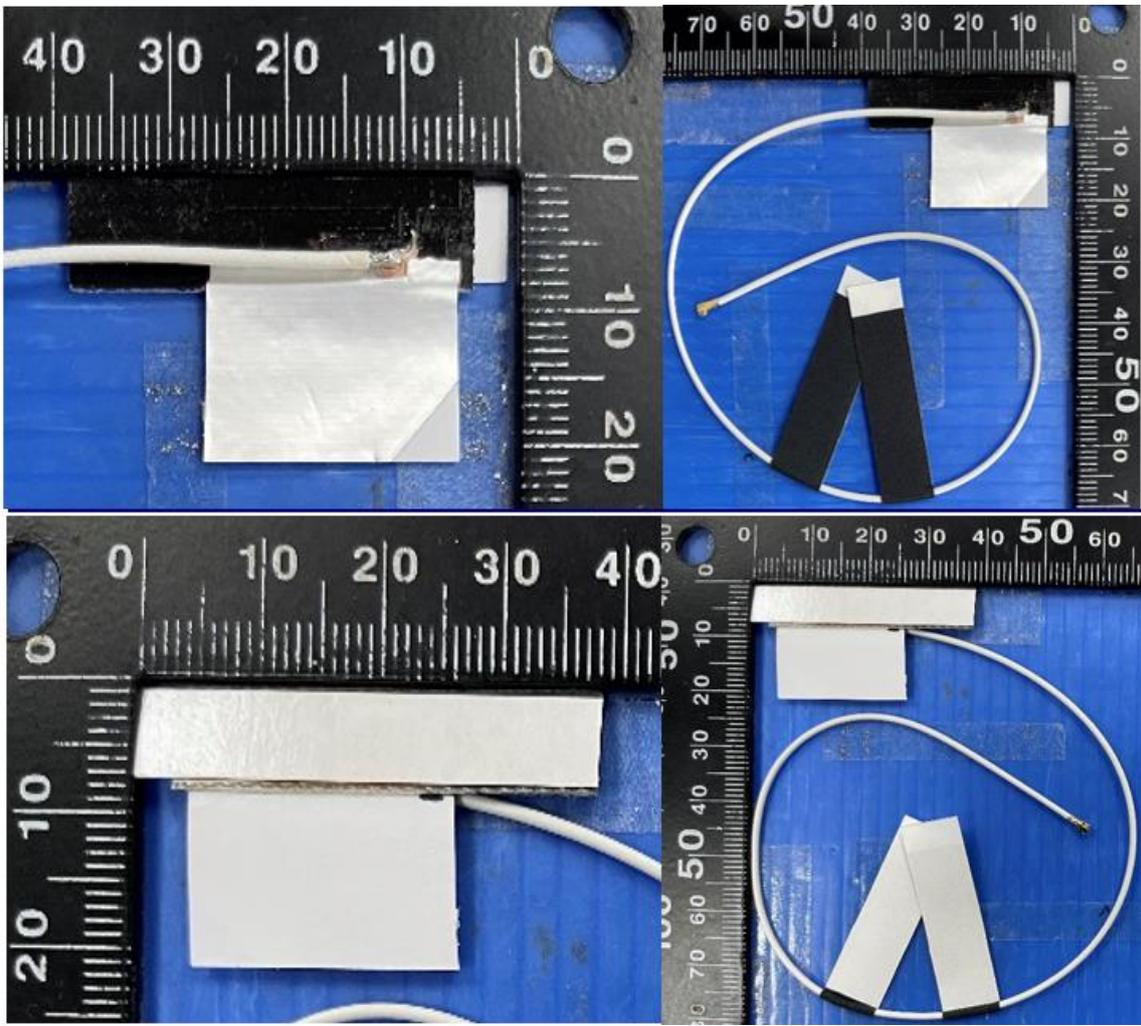


Antenna Manufacturer: High-Tek Electronics Co., Ltd

Antenna Part Number: DC33002OQ00(0ACCN021035N) (Main), DC33002OQ10(0ACCN021036N) (Aux)

**Note: antenna photo should include L type ruler**

Aux Antenna Photo (Front/Back):



Antenna Manufacturer: High-Tek Electronics Co., Ltd

Antenna Part Number: DC33002OQ00(0ACCN021035N) (Main), DC33002OQ10(0ACCN021036N) (Aux)

**Note: antenna photo should include L type ruler**