

Introduction

As required by FCC KDB Publication 680106 D01 wireless charging devices require RF exposure evaluation. For A4WP charging devices it is typically necessary to have FCC oversight through the pre-Approval Guidance (PAG) procedures (formerly referenced to as Permit But Ask or PBA)

Intel has performed the evaluation for the charging coil and associated electronics at maximum charging current of 0.68 Amps (rms) and has followed FCC's Pre-Approval Guidance procedures. FCC the approved the RF exposure evaluation of this combination of coil and maximum charging current and the approval for a 20cm separation distance can be leveraged to support this specific device's characteristics and form factor and is only applicable to identical devices as defined in 47 CFR 2.908.

During the certification process for the Bluetooth transceiver (and possibly Part18 wireless charging transmitter) the Certification body should request a copy of the KDB enquiry. The enquiry shall ne filed as **confidential document** in accordance with FCC procedures and should be accompanied by a copy of this document and user information document containing the required information.

This KDB enquiry still requires that the final device be tested for compliance with the requirements of Part 18 for Consumer ISM devices and FCC Part 15.247 for the Bluetooth transmitter.

If the wireless charging feature is integrated into another device the FCC rules and approvals requirements applicable to the other device need to be followed and a separate KDB enquiry shall be submitted to the FCC to confirm the appropriate RF exposure evaluation distance and device configurations.

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A1TX

User Manual

Radiation Exposure Statement:

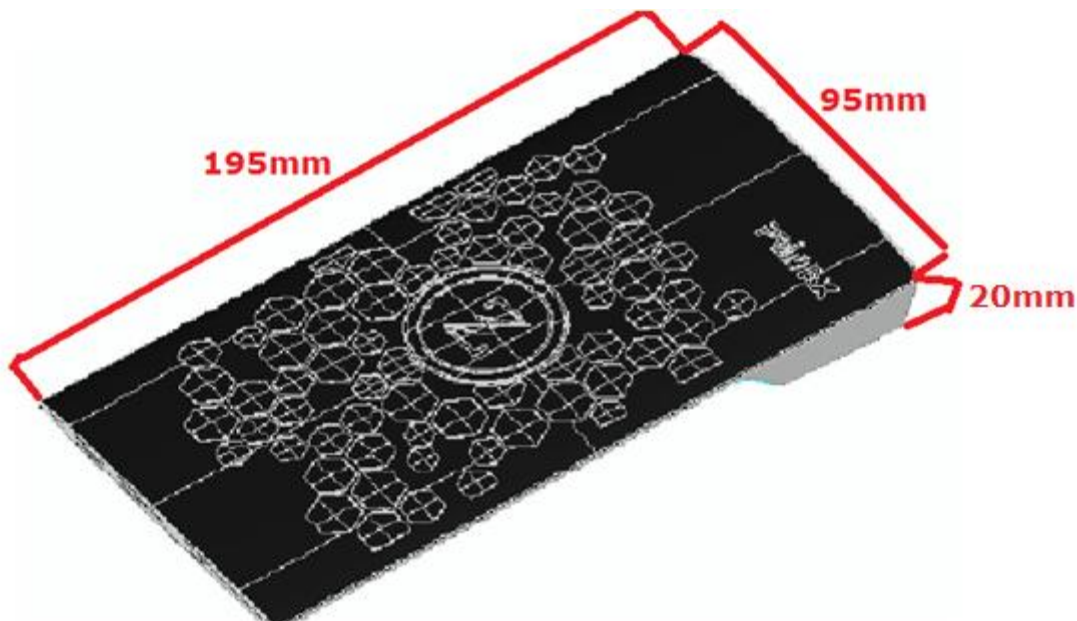
To comply with RF exposure requirements the charging mat must be used on a table top or similar and provide a minimum separation distance of 20cm from the charging surface to users.

The information required for devices that have been approval using **FCC's certification procedures for Part 18** and for the Bluetooth transceiver will need the following information (refer to FCC CFR Title 47 Part 18.213,):

Model: A1TX / Wireless Power Charger (A4WP)

This device complies with Part 15 and Part 18 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifications made to this device, unless expressly approved by PRIMAX ELECTRONICS LTD., may void the user's rights to operate this equipment.



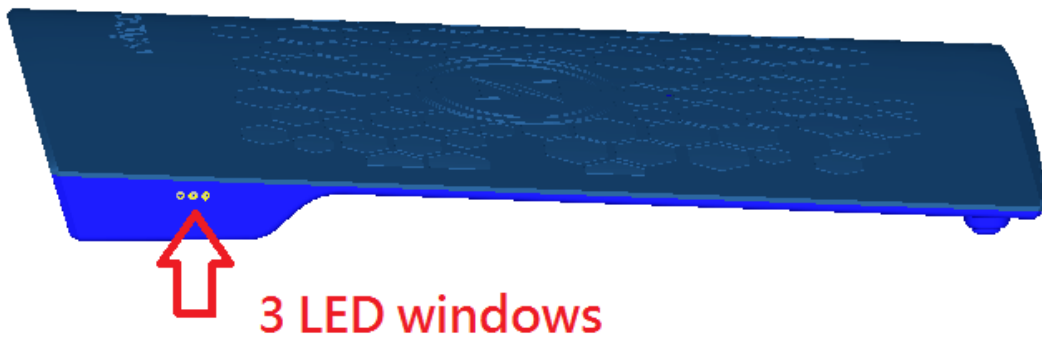
● Package Contents:

Check your package for the follow items:

1. A1TX PTU
2. 12V Adapter
3. User Manual

● Status display:

There are 3 LED on the left side, Please ref to next chap “LED Mode”, it will define the LED message.



● LED Mode:

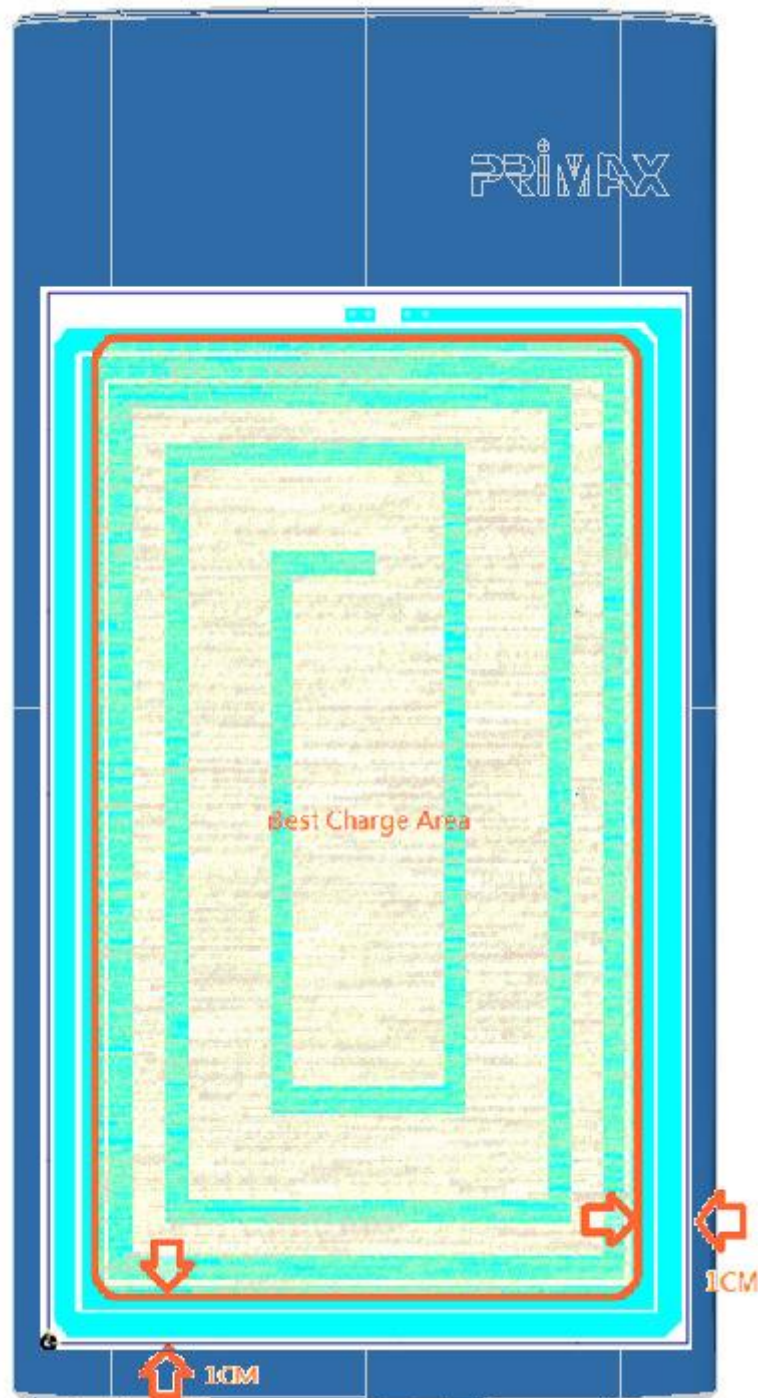
There are three LED will show system status.

System Status	Green	Blue	Red
Standby	Constant light	OFF	OFF
Charging	OFF	Constant light	OFF
Fail	OFF	OFF	Constant light

● Charge Area:

For best user experience, please keep the PRU coil in the best charge area.

Note: The best performance in the center, and there are difference performance of four corners. All discuss of efficiency in this document is mean center area.



Top View

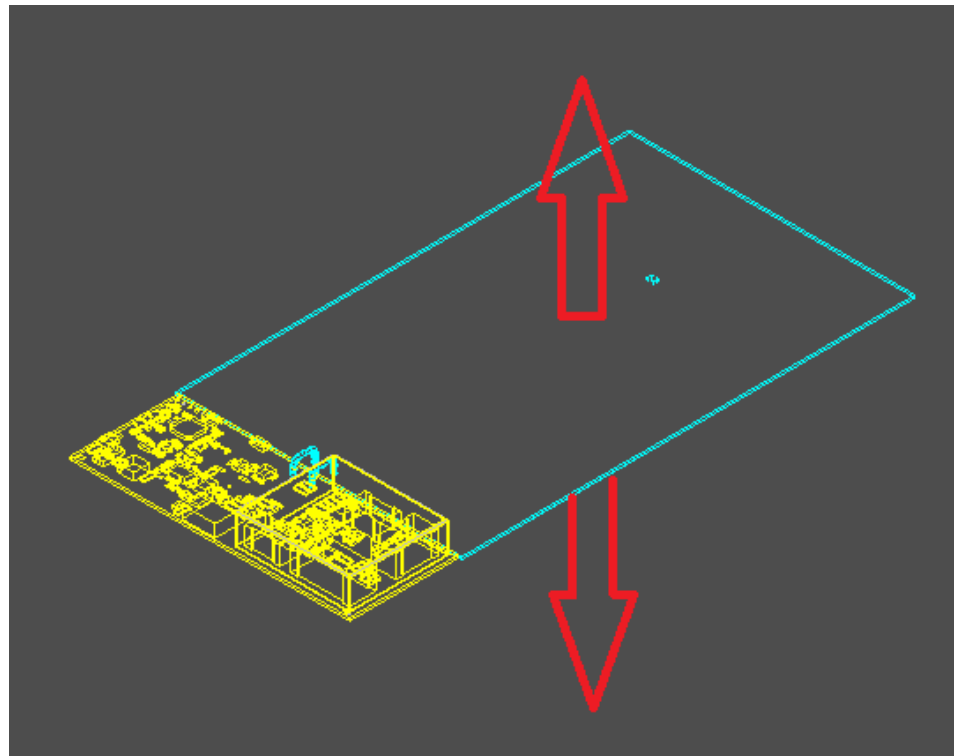
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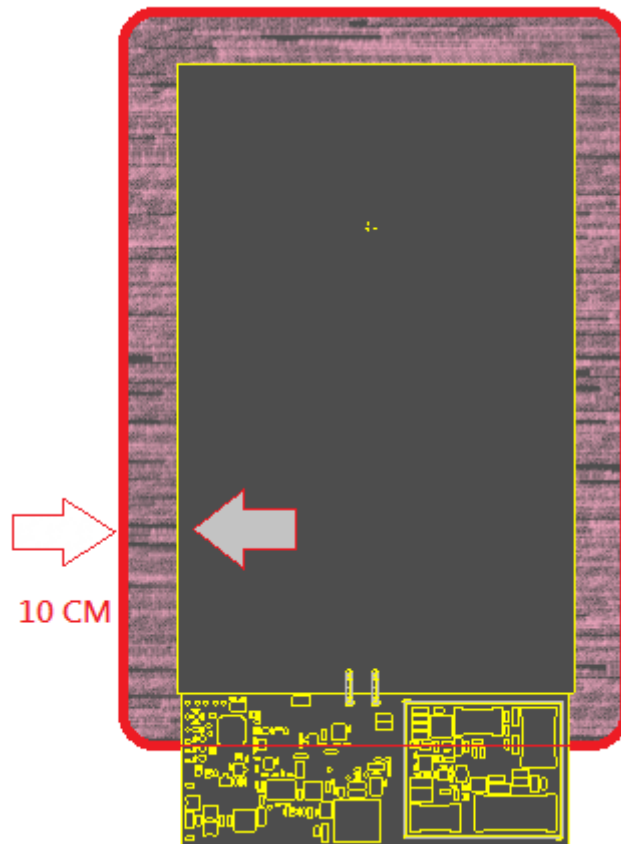
● Warning:

Do not put metal on the charge path.

1. Vertically, please keep any metal out of top and bottom side. It'll impact the charge efficiency.



2. Horizontal, around the charge plate, please keep 10 cm distances
with metal at least.



3. For some magnetic device, it'll be disturbed. (ex: magnetic measuring instruments, touch panel...). Please keep an appropriate distance to use.

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Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.