GCteq Wireless (Shenzhen) Co., Ltd.

No. A402, Floor 4, Suojia Science park Complex Sanwei Community, Hangcheng Street, Bao 'an District, Shenzhen City, Guangdong Province, China

Date: October 28, 2024

FCC ID: 2ATX3-GF01MINI-36VH

Model Number: GF01Mini-36VGH, GF01Mini-36VH, GF01Mini-12VGH, GF01Mini-12VH

To: Federal Communication Commission Authorization and Evaluation Division 7435 Oakland Mills Road Columbia, MD 21048

To Whom It May Concern,

We, GCteq Wireless (Shenzhen) Co., Ltd. hereby declare that our product (Embedded wireless charger) Model Number: GF01Mini-36VGH, GF01Mini-36VH, GF01Mini-12VH meet item 5.2 of KDB 680106v03r01 as follow;

Requirements of KDB 680106 D01	Yes / No	Description
Power transfer frequency is less than 1 MHz	Yes	The device operates in the frequency range 110 KHz - 205 KHz
The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.	Yes	The device contains only one transmitter coil, the maximum output power of the primary coil is 15W.
A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)	Yes	Client device is placed directly in contact with the transmitter.
Only § 2.1091- Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions).	Yes	Mobile exposure conditions only
The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1. These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis or until a 1/d (inverse distance from the emitter structure) field	Yes	The EUT H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

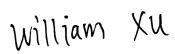
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strength decay is observed. Symmetry		
considerations may be used for test reduction		
purposes. The device shall be operated in		
documented worst-case compliance scenarios		
(i.e., the ones that lead to the maximum field		
components), and while all the radiating		
structures (e.g., coils or antennas) that by		
design can simultaneously transmit are		
energized at their nominal maximum power.		
For systems with more than one radiating		
structure, the conditions specified in (5) must		
be met when the system is fully loaded (i.e.,		
clients absorbing maximum power		
available), and with all the radiating		
structures operating at maximum power at		
the same time, as per design conditions. If		Only one radiating structure
the design allows one or more radiating	Yes	and tested at maximum
structures to be powered at a higher level		Output Power
while other radiating structures are not		
powered, then those cases must be tested as		
well. For instance, a device may use three RF		
coils powered at 5 W, or one coil powered at		
15 W: in this case, both scenarios shall be		
tested		

Please contact me if you have any question.

Sincerely,



(Signed)

Printed Name of Signee / Title: William Xu / Manager

Company: GCteq Wireless (Shenzhen) Co., Ltd.

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