Cover Letter-Wireless Charger Approval

Date: 2020-03-25

Gentlemen:

There's a Peregrine Charger Pad that would like to have your authorization as an Inductive wireless power transfer applications approval.

The specific product as below,Peregrine Charger Pad, with its designed features and specified description, meets special requirements for KDB 680106 D01 section 5.2 requirements.

Company:	Shearwater Research Inc.
Product Name:	Peregrine Charger Pad
Model Number:	56021-01
FCC ID:	2AO24-56021-01

KDB 680106 D01 Section 5.2 Requirements	Product Technical Specification	Result
a) Power transfer frequency is less that 1 MHz	124.38kHz to 206.46kHz	Complied
b) Output power from each primary coil is less than or equal to 15 watts.	2.5 watts	Complied
c) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils		Complied
d) Client device is placed directly in contact with the transmitter.		Complied
e) Mobile exposure conditions only	For inductive applications where the primary does not physically attach to the client, and it is intended for desktop use, the desktop guidance in KDB 680106 D01 may be applied	Complied
f) The aggregate 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.	Please refer to RF exposure report	Complied

Sincerely,

Print Name: Andy lee Title: Mechanical Engineer

Signature: Andy lee

On behalf of Company: Shearwater Research Inc.

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