## Justification for WPT RF Exposure Evaluation Consideration

## FCC ID: 2AFKNX35W

Dear Examiner,

There's a <u>WPT device</u> as below we'd like to be authorized per KDB 680106 D01.

Company:	Spigen Korea Co., Ltd.
Model Number:	X35W

As addressed in KDB 680106 D01 RF Exposure Wireless Charging App v03section 5, Inductive wireless power transfer applications with supporting field strength results and meeting all of the 6 following requirements are not required to submit a KDB inquiry for a PAG for equipment approved using certification to address RF exposure compliance.

Here is a briefing about the device.

KDB 680106 D01 Section 5 Requirements:	Justification
1) Power transfer frequency is less that 1 MHz	Yes, 109.3-147.3kHz
2) Output power from each primary coil is less than 15	Yes, 10W Max.
Watts	
3) The transfer system includes only single primary and	Yes, includes only single
secondary coils. This includes charging systems that may	primary and secondary coils.
have multiple primary coils and clients that are able to	
detect and allow coupling only between individual pairs	
of coils.	
4) Client device is placed directly in contact with the	Yes
transmitter.	
5) Application is limited to Mobile exposure conditions	No, for vehicle application
only.	
6) The aggregate H-field strengths at 15 cm surrounding	Yes
the device and 20 cm above the top surface from all	The strengths at
simultaneous transmitting coils are demonstrated to be	0/2/4/6/8/10cm surrounding
less than 50% of the MPE limit.	the device are demonstrated
	to be less than 50% of the
	MPE limit.

Sincerely,

Signed By: Jing Song On behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Email: jing.song@sgs.com

Song Jing