
Justification for WPT RF Exposure Evaluation Consideration

Dear Examiner,

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

| | |
|-----------------|-----------------------------------|
| Company: | SHENZHEN DNS INDUSTRIES CO., LTD. |
| Product: | WIRELESS CHARGER |
| FCC ID: | ZBCWD-241B |

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 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 than 1 MHz | Yes, 111.54kHz-162.02kHz. |
| 2) Output power from each primary coil is less than or equal to 15 watts. | Yes, 10W Max. |
| 3) 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. | Yes, includes only single primary and secondary coils. |
| 4) Client device is placed directly in contact with the transmitter. | Yes |
| 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion). | Yes, for desktop application, it's mobile condition. |
| 6) 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. | Yes The strengths at 15cm surrounding 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 under written authorization from Grantee

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