

RK7186-00 Cover Letter to section 5.2 of KDB 680106

The EUT does comply with section 5.2 of KDB 680106

- a) Power transfer frequency is less than 1MHz
 - The device operates at the frequencies of 111kHz to 113kHz.
- b) Output power from each primary coil is less than 5 watts
 - The device is compliant according to Low Power Specification (5 watts) of The Wireless Power Consortium.
- 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
 - The transfer system includes multiple primary coils and single secondary coil. Only one primary coil is active at the same time.
- d) Client device is inserted in or placed directly in contact with the transmitter
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- e) The maximum coupling surface area of the transmit (charging) device is between 60 cm² and 400 cm².
 - The coupling surface area of the EUT is: 16cm x 8cm = 128cm²
 - 128cm² is between 60 cm² and 400 cm²
- f) Aggregate leakage fields at 10cm surrounding the device from all simultaneous transmitting coils are demonstrated to be less than 30% of the MPE limit.
 - The EUT field strength levels at 10cm surrounding is less than 30% of the MPE limit. Refer to EMF test report.

Date: 8th February 2018



Ines Baufeld

Product Certification Manager