

Cover Letter-Wireless Charger Approval

FCC ID: A3LEP-OR900-H

Date: 31 Mar, 2023

Gentlemen:

There's a EP-OR900 that would like to have your authorization as an Inductive wireless power transfer applications approval.

The specific product as below, EP-OR900, with its designed features and specified description, considers special requirements for KDB 680106 D01 v03 section 5, b) requirements.

Company:	Samsung Electronics Co Ltd
Product Name:	WIRELESS CHARGER
Model Number:	EP-OR900
FCC ID:	A3LEP-OR900-H

KDB 680106 D01 v03 Section 5, b) Requirements:	Product Technical Specification:	Result:
(1) Power transfer frequency is less than 1 MHz	0.143 5 ~ 0.146 5 MHz.	Complied
(2) Output power from each primary coil is less than or equal 15 watts.	5 W.	Complied
(3) The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.	The transfer system includes only single primary coil.	Complied
(4) Client device is placed directly in contact with the transmitter	Client device is placed directly in contact with the transmitter.	Complied
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	Mobile conditions only	Complied
(6) The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit.	H-Field: 0.166 A/m (at 15 cm) < 0.815 A/m (50% of the limit)	Complied

Sincerely,

By:

(Signature1)

Jinhyoung Cho

(Print name)

Title: Technical Manager

On behalf of: SGS Korea Co., Ltd. (Company Name)

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