

KDB 680106 for WPT exclusion requirements
RSS-216 issue 2 Section 6.4.4 requirements

FCC ID: GV3M01539

KDB 680106 D01 Section 5.b Requirements	Product Specification	Result
(1) Power transfer frequency is less than 1 MHz.	112 ~ 145 kHz	Complied
(2) Output power from each primary coil is less than or equal to 15 watts.	Below 15Watts	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.	one source primary coil	Complied
(4) Client device is placed directly in contact with the transmitter.	Yes	Complied
(5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).	Mobile	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.	Please refer to the test result of RF exposure report that are demonstrated to be less than 50% of the MPE limit.	Complied

IC ID: 6128A-M01539

RSS-216 Section 6.4.4 Requirements	Product Specification	Result
(1) Power transfer frequency is less than 1 MHz.	112 ~ 145 kHz	Complied
(2) Output power from each primary coil is less than or equal to 5 watts.	10Watts	Non-Complied
(3) The WPT device is only capable of wireless power transfer between one source and one client at a time. This includes WPT systems with multiple primary coils (i.e. in the WPT source) as long as they only allow wireless power transfer to take place through a single pair of coils at any given time (one in the source and the other in the client). It also includes WPT systems where the source may use two or more overlapping smaller coils to form a fixed charging/powering zone, as long as they only allow wireless power transfer to take place between this zone and a single client device;	one source primary coil	Complied
(4) The WPT client device is placed in direct contact with or docked onto the WPT source;	Yes, Client device is placed in DUT	Complied
(5) The maximum coupling surface area of the WPT source is less than or equal to 400 cm ² ;	EUT is less than 400 cm ²	Complied
(6) The total leakage fields from all simultaneous transmitting coils are proven to be less than 30% of the applicable Health Canada's Safety Code 6 limits for uncontrolled environments, as set out in RSS-102, at 10 cm from the WPT system in all directions. The total leakage fields shall be calculated or measured based on actual and typical WPT clients of types selected such that they provide worst-case conditions. For WPT source devices with multiple fixed wireless power transfer zones that are only capable of powering/charging one client at a time, this requirement shall be met separately for each zone.	Please refer to the test result of RF exposure report	Complied