MCNEX CO., LTD.
Hanshin IT Tower II, 11F, 60-18, Gasan-dong, Geumcheon-gu, Seoul, KOREA

Date: December 10, 2013

Declaration Letter

Vehicle's wireless charger specifications is below :

a) Power transfer frequency is less than 1MHz

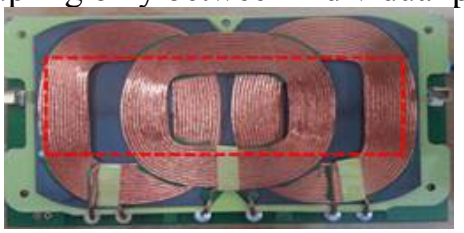
→ The power transfer frequency of DUT(Device Under Test) is between 112KHz and 205KHz.

b) Output power from each primary coil is less than 5 watts

→ Output power from each coils are Max. 5 watts.

c) The transfer system includes only single primary and second 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 DUT are consist of 3 charging coils using A6 coils as below so the DUT can detect and allow coupling only between individual pairs of coils.



d) Client device is inserted in or placed directly in contact with transmitter

→When the client device is placed directly in contact with transmitter, then charging is able to start.

e) The maximum coupling surface area of the transmit (charging) device is between 60 ㎠ and 400㎠

→ The Maximum coupling surface area of the charging transmit is 75㎠.

Maximum coupling surface area(15 Cm X 5 Cm)

f) Aggregate leakage fields at 10㎠ surrounding the device from all simultaneous transmitting coils are demonstrated to be less than 30% of the MPE limit.
→ The highest leakage filed is less than 30 % of the MPE limit.

g) The similarity and difference between two models
→ The difference between two models is the voltage input method. The one is fixed type car component into vehicle and using car wiring harness for voltage input. The other is using cigar jack for voltage input and movable type .

Type	WIRE TYPE	CIGER JACK TYPE
View		

Sincerely,

Manager
Gi-ho, Kim