

## **Y-Charge-IT 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 frequency of 125 kHz.

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

- Output power from primary coil is 0.5 watt.

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 a single primary coil.

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

- Client device is placed in directly contact with the transmitter.

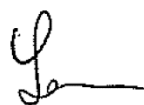
e) The maximum coupling surface area of the transmit (charging) device is between 60 cm<sup>2</sup> and 400 cm<sup>2</sup> .

- The coupling surface area of the EUT is: 2cm x 2cm = 4cm<sup>2</sup>

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 RF exposure test report

**2017-12-15**



Wolfgang Langen