



RF exposure evaluation

The Wireless Charging Spot transmitter is authorized under FCC part 18 DoC. The spot includes a single modular approved transmitter FCC ID: S4GEM35XA (ZigBee module).

The ZigBee module delivers extremely low power of 0.007 W while the Charging Spot installation assumes at least 10 cm separation distance as recommended in Section 3(3) of KDB Publication 680106 D01 (reference to Data-sheet_26831 section 6.1, Note 2).

The SAR test exclusion at 2450 MHz frequency and 100 mm separation distance relates to 596 mW threshold according to Appendix B – SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and > 50 mm of KDB Publication 447498 D01.

The provided exhibit, RF exposure test report POWRAD_FCC.26831_RFexp_rev1, demonstrates compliance with Section 3(3) of KDB Publication 680106 D01 requirements while the ZigBee module is excluded from SAR evaluation.

Based on the above the product can be considered complying with the RF exposure limitations. The RF Test exclusion as per section 4.3 of KDB Publication 447498 D01 is applicable for revised use of the ZigBee module.