Head office & Test Lab: 180-254, Annyeong-dong,
Hwaseong-si, Gyeonggi-do, South korea 445-380
Tel: +82-31-222-4251 / Fax: +82-31-222-4252
www.kosteclab.com kostec@kosteclab.com

RF Exposure information

This product is categorically excluded from the routine environmental evaluation for RF exposure under Rules part section 2.1091 and 2.1093. and Industry Canada RSS-102 clause 2.5.1

Note 1: FCC Rule of Section 1.1307 and 1.1310

Note 2: IC Rule of Section 2.5.1 RSS-210 Issue 3, July, 2009

RF Exposure information in accordance with IC requirement

The following calculation has been used to verify the compliance with the IC RF Exposure requirement.

- Maximum conducted peak power : 43.05 mW (See the Test report clause 5.4.6 of 5.4)
- Antenna gain: -3.832 dBi = - 5.98 dBd (0.25:Numerical ANT gain) ….See a Antenna specification
- ERP(mW) :is calculated as 43.05 mW x 0.25(Numerical ANT gain) = 10.76 mW_{ERP}
- EIRP(dBm) = ERP(dBm)+2.15, or EIRP(mW) = ERP(mW)x1.64
  EIRP(mW) of this EUT is 10.76 mWx1.64 = 17.65 mW_{EIRP}

According to the above calculated formula, Power $_{EIRP}$ of this product is less than 200 mW of IC requirement.

RF Exposure information in accordance with FCC requirement

According to KDB 447898 Do1 Mobile Portable RF Exposure v03r02 of FCC, the radiation harmfulness to the human body for this product is verified as a. result of comparison of to the limit of source-based time-averaged output power $60/f_{(GHz)}$..When routine evaluation is required for SAR and the output power is ≤ 60/*f*(GHz) mW, the test reduction and test exclusion are applicable by the FCC guideline

- $60/f_{(GHz)}$: 60 / 0.915 = 65.57 mW.eirp for mid channel of the frequency band used

The RF output power of 17.65 mW is less than 65.57mW required SAR threshold level