

INTERTEK TESTING SERVICES

3.10 Radio Frequency Radiation Exposure, FCC Rule 15.247(i):

The EUT is a Bluetooth Headset used in portable application, less than 20 cm from any body part of the user or near by persons.

According to the DA 00-705 and KDB 447498,

The power thresholds for source-based time-averaging Conducted output power (in the worst-case duty cycle of DH5 of 8-DPSK modulation type)
= $5.42 \times (2.97/3.79)$ dBm
= 4.25 dBm

And SAR Low Threshold Level:

$$\begin{aligned} 60/f \text{ (GHz)} &= 60/2.45 \\ &= 24.5 \text{ mW} \\ &= 13.9 \text{ dBm} \end{aligned}$$

Since 4.25dBm is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.