Analysis Report

The equipment under test (EUT) is Wireless Stereo Headset with 2.4G wireless function operating in 2403.35-2479.35MHz. The EUT is powered by DC3.7V rechargeable battery. And the USB port is used for charging. For more detail information pls. refer to the user manual.

Modulation Type: π/4DQPSK
Antenna Type: Integral antenna (Gain: 2 dBi)
The nominal conducted output power specified: -6dBm (Tolerance: +/- 3dB)
The nominal radiated output power (e.i.r.p) specified: -4dBm (Tolerance: +/- 3dB)

According to the KDB 447498:

The maximum radiated emission for the EUT is 90.8 dBμV/m at 3m in the frequency 2.40335GHz
= [(FS*D) ^2 / 30] mW
= -4.4 dBm which is within the production variation.

The minimum radiated emission for the EUT is 89.5dBμV/m at 3m in the frequency 2.47935GHz
= [(FS*D) ^2 / 30] mW
= -5.7dBm which is within the production variation.

The maximum conducted output power specified is -3.0 dBm = 0.50mW
The source- based time-averaging conducted output power
= 0.50 * Duty cycle mW= 0.50 mW (Duty Cycle<=100%)

The SAR Exclusion Threshold Level:
= 3.0 * (min. test separation distance, mm) / sqrt(freq. in GHz)
= 3.0 * 5 / sqrt (2.47935) mW
= 9.5 mW

Since the source-based time-averaging conducted output power is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.