Analysis Report

The Equipment Under Test (EUT), is a portable 2.4GHz Transceiver (Controller Unit) for a RC dinosaur. The sample supplied operated on 71 channels, normally at 2405 - 2475MHz with 1MHz channel spacing.

The EUT is powered by 2 x 1.5V AAA batteries. After switching on the EUT, the dinosaur will move in different directions based on the switches pressed in the controller, emit sound and light.

2.4GHz portion
Antenna Type: Internal, Integral
Antenna Gain: 0dBi

Conducted Power range is -15dBm to 0dBm

According to the KDB 447498 D01 V04:

Conducted Power (max)
= 0 dBm
= 1 mW

The SAR Exclusion Threshold Level:
= 3.0 * (min. test separation distance, mm) / sqrt(freq. in GHz)
= 3.0 * 5 / sqrt (2.480) mW
= 9.53 mW

Since the above conducted output power is well below the SAR Exclusion threshold level, so the EUT is considered to comply with SAR requirement without testing.