

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass****Report No.** CN25LGW3 001**Test Specification**

Test item	Entertainment System
Identification / Type No.	ES 503
FCC ID	2ADDV-ES503
IC	12207-ES503
HVIN	ES 503
Test standard	CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 D01 v06 RSS-102 Issue 6 December 15, 2023

Measurement Record:

The minimum distance for the EUT is less than 5mm.

For FCC:

Since maximum peak output power of the transmitter is $-7.90 \text{ dBm} \approx 0.16 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.68 \text{ mW}$.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.

For IC:

The higher of the maximum e.i.r.p. or conducted power of the transmitter is $-4.60 \text{ dBm} \approx 0.35 \text{ mW}$, which is below the SAR exclusion threshold level $3 \text{ mW} \approx 4.77 \text{ dBm}$.

Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 6.3 of RSS-102 Issue 6.