

**RF Exposure Statement: JP25G7RX 001**Page 1 of 1  
Seite 1 von 1**Client:** A&D Co Ltd  
1-243 Asahi, Kitamoto-city, Saitama, 364-8585, Japan**Test item:** Premium Weight Scale**Identification:** UC-352BLE**FCC Requirement**

According to §1.1307 (b)(1)(i)(A) and KDB 447498 D04 v01, transmitter device is qualified as exemption of RF human exposure, when the transmitter power is below a threshold calculated by its relevant formula defined in §1.1307 (b)(3)(i)(B):

Transmitter	Frequency [MHz]	ERP <sub>20cm</sub> [mW]	Minimum Separation Distance d [cm]	Threshold P <sub>th</sub> [mW]
BLE	2450	3060	0.5	3

**Measurement Result**

The maximum ERP from the transmitter (**EUT**) is given in the following table:

Transmitter	Freq. Range [MHz]	Cond. Power [dBm]	Antenna Gain [dBi]	Maximum ERP [mW]
BLE	2402-2480	-8.2	2.5	<u>0.16</u>

Note: The conducted power of BLE is cited from the test report JP24MOC8 by TUV Rheinland Japan.

The ERP in mW is calculated in conjunction with the following formula:

$$\text{ERP [mW]} = 10 \text{ (Conducted Power [dBm] + Antenna Gain [dBi] - 2.15)/10}$$

**Conclusion**

This transmitter is classified as Portable Devices by the client.

As per the internal layout of the EUT, the shortest distance from the antenna to an outer surface of the enclosure can maintain more than 5 mm.

Eventually, SAR evaluation is not required, since the ERP is below the FCC SAR exemption threshold P<sub>th</sub> at the separation distance of **5 mm** between the body of a user and the transmitter.

Hence, the device can be qualified as exemption from Routine Environmental Evaluation.