

June 27, 2024

FCC ID: MOZB3S2P2Z

To whom it may concern,

We, UL Japan, Inc, hereby declare that UWB Electronic Key, model: B3S2P2Z (FCC ID: MOZB3S2P2Z) of TOKAI RIKA CO., LTD. is exempt from RF exposure SAR evaluation as its output power meets the 1-mW test exemption threshold stated in the Code of Federal Regulation title 47 section 1.1307(b)(3)(i)(A) and 1.1307(b)(3)(ii)(A).

UWB part:

This device available maximum time-averaged power is 0.04 mW, so no other assessment is required.

Reference of average Power [EIRP]

EIRP measurement value: -41.32 dBm/MHz = 0.00007379 mW/MHz,

99 % occupied bandwidth = 597.708 MHz

$0.00007379 \text{ [mW/MHz]} \times 597.708 \text{ [MHz]} = 0.04410487 \text{ [mW]}$

UHF part:

This device available maximum time-averaged power is 0.8 mW, so no other assessment is required.

Evaluation for multiple RF sources given by the Code of Federal Regulation title 47 section

1.1307(b)(3)(ii)(A):

The device of UWB maximum time-averaged power is 0.04 mW.

The device of UHF maximum time-averaged power is 0.8 mW.

$0.04 \text{ mW} + 0.8 = 0.84 \text{ mW} < 1 \text{ mW}$.

Thank you for your attention to this matter.

T.imamura

Toyokazu Imamura
Engineer