



CTC Laboratories, Inc.

1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China
Tel: +86-755-27521059 Fax: +86-755-27521011 <http://www.sz-ctc.com.cn>

RF Exposure Evaluation

FCC ID: 2ARVQ-AS05TB

According to KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

EUT Specification

EUT	AUTOSLIDE WIRELESS TOUCH BUTTON
Model/Type reference:	ASO5TBB
Listed Model(s):	ASO5TBW
Frequency band (Operating)	☐ BR: 2.402GHz ~ 2.480GHz ☐ BLE: 2.402GHz ~ 2.480GHz ☐ WLAN: 2.412GHz ~ 2.462GHz ☒ Others <u>433.92MHz</u>
Device category	☒ Portable (<5mm separation) ☐ Mobile (>20cm separation) ☐ Fixed (>20cm separation) ☐ Others _____
Antenna diversity	☒ Single antenna ☐ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☐ Tx/Rx diversity
Antenna gain (Max)	0dBi

Limit

$$\left[\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{(\text{min. test separation distance, mm})} \right] \cdot [f_{\text{(GHz)}}] \leq 3.0$$

Where

- $f_{\text{(GHz)}}$ is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

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For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

**Measurement Result**

Mode	Frequency (MHz)	Field Strength (dBuV/m @3m)	Result	Limit
TX	433.92	64.50	0.00001	3.0

Note: $eirp = pt \times gt = (E \times d)^2 / 30$

*****THE END*****