



Add: 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, P.R.C.  
Tel: +86-755- 27521059 Fax: +86-755- 27521011 Http://www.sz-ctc.org.cn

## Maximum RF Exposure Evaluation

FCC ID: 2A6Z3B08

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

### EUT Specification

Product Name:	Bluetooth headphones with microphone
Trade Mark:	KLUGMIA
Model/Type reference:	B08
Listed Model(s):	Kids Joy, Louise&Mann K1
Frequency band (Operating)	<input type="checkbox"/> BT/EDR: 2.402GHz ~ 2.480GHz <input checked="" type="checkbox"/> BLE: 2.402GHz ~ 2.480GHz <input type="checkbox"/> WLAN: 2.412GHz ~ 2.462GHz <input type="checkbox"/> Others: _____
Device category	<input checked="" type="checkbox"/> Portable (<5mm separation) <input type="checkbox"/> Mobile (>20cm separation) <input type="checkbox"/> Fixed (>20cm separation) <input type="checkbox"/> Others _____
Antenna diversity	<input checked="" type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input type="checkbox"/> Tx/Rx diversity
Antenna gain (Max)	0.5dBi
Evaluation applied	<input checked="" type="checkbox"/> RF Exposure Evaluation <input type="checkbox"/> SAR Evaluation

### Limit

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

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  $\leq 50$  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.

### Measurement Result

Band	Frequency (MHz)	Antenna Gain (dBi)	Maximum Power (dBm)	Tune up tolerance (dBm)	Max. Tune up Power (dBm)	Calculation Value	Limit
BLE	2402	0.5	-3.29	-4±2	-2	0.196	3.000

### Note

For a more detailed features description, please refer to the RF Test Report.

\*\*\*\*\*THE END\*\*\*\*\*