

FCC RF Exposure Report

FCC ID: H4IEDGE

Report No. : BTL-FCCP-2-1909T001
Equipment : WOOJER STRAP
Model Name : Strap Edge
Brand Name : Woojer
Applicant : Lite-on Technology Corp.
Address : 16F, 392 , Ruey Kuang Road, Neihu, Taipei 11492, Taiwan, R.O.C

FCC Rule Part(s) : FCC Guidelines for Human Exposure IEEE C95.1

Date of Receipt : 2019/9/11
Date of Test : 2019/9/11 ~ 2019/11/25
Issued Date : 2019/12/13

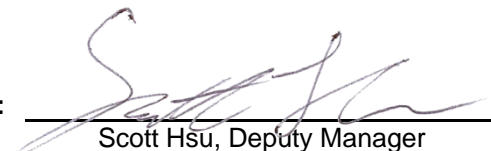
The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by :


Peter Chen, Engineer



Approved by :


Scott Hsu, Deputy Manager

BTL Inc.

No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan

Tel: +886-2-2657-3299

Fax: +886-2-2657-3331

Web: www.newbtl.com

GENERAL CONCLUSION:

According to FCC KDB447498 D01, Appendix A, SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, 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 result is rounded to one decimal place for comparison

**Appendix A - SAR Test Exclusion Thresholds for 100 MHz - 6 GHz
and ≤ 50 mm**

MHz	5	10	15	20	25	30	35	40	45	50	mm
150	39	77	116	155	194	232	271	310	349	387	SAR Test Exclusion Thresholds (mW)
300	27	55	82	110	137	164	192	219	246	274	
450	22	45	67	89	112	134	157	179	201	224	
835	16	33	49	66	82	98	115	131	148	164	
900	16	32	47	63	79	95	111	126	142	158	
1500	12	24	37	49	61	73	86	98	110	122	
1900	11	22	33	44	54	65	76	87	98	109	
2450	10	19	29	38	48	57	67	77	86	96	
3600	8	16	24	32	40	47	55	63	71	79	
5200	7	13	20	26	33	39	46	53	59	66	
5400	6	13	19	26	32	39	45	52	58	65	
5800	6	12	19	25	31	37	44	50	56	62	

Table for Filed Antenna

Ant.	Brand	Test Model	Antenna Type	Connector	Gain (dBi)
1	N/A	N/A	PCB	N/A	-5.38

Maximum measured transmitter power:

Max. Output Power (dBm)	Max. Output Power (mW)	Limit (mW)
8.06	0.0048	10

The maximum measured output peak power of this EUT is 0.0048mW, less than 10mW at 5mm distance. (Output power including tune up tolerance.)

Conclusion: No SAR evaluation required since transmitter power is below FCC threshold.

End of Test Report