

FCC RF Exposure Report

FCC ID: BEJMSA2

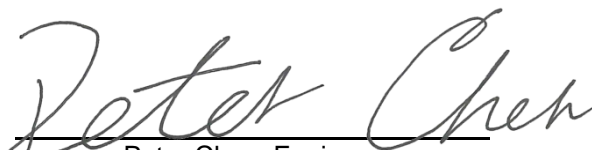
Report No. : BTL-FCCP-2-2105T034
Equipment : Wireless Mouse
Model Name : MSA2
Brand Name : LG
Applicant : LG Electronics USA
Address : 111 Sylvan Avenue North Building, Englewood Cliffs, United States

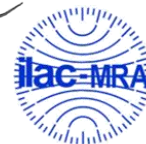
FCC Rule Part(s) : FCC Part 2, Subpart J (§2.1093)
KDB 447498 D01 General RF Exposure Guidance v06

Date of Receipt : 2021/5/5
Date of Test : 2021/5/5 ~ 2021/5/24
Issued Date : 2021/6/28


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, 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

REVISION HISTORY

Report No.	Version	Description	Issued Date
BTL-FCCP-2-2105T034	R00	Original Report.	2021/6/28

RF EXPOSURE
Appendix A
SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation Distances are illustrated in the following Table. The equation and threshold in 4.3.1 must be applied to determine SAR test exclusion.

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

Note: 10-g Extremity SAR Test Exclusion Power Thresholds are 2.5 times higher than the 1-g SAR Test Exclusion Thresholds indicated above. These thresholds do not apply, by extrapolation or other means, to occupational exposure limits.

Table for Filed Antenna

Ant.	Brand	Test Model	Antenna Type	Connector	Gain (dBi)
1	Antari FOG MACHINE	W-ANT	PCB	N/A	2.8

TEST RESULTS

Frequency (MHz)	Average Power (dBm)	Average Power (mW)	Distance (mm)	Limit (mW)	Test Result
2474	-0.39	0.9141	5	10	Complies

CONCLUSION

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

End of Test Report