

EMC TEST REPORT

For

Dongguan Lingjie Electronics & Technology Co., Ltd

Product Name: Gaming Mouse

Model No.: GM300

Prepared for : Dongguan Lingjie Electronics & Technology Co., Ltd
Address : Building A(Floor 1-4) and B(Floor 1-5), No. 16 Zhenxing
North Road, Taiyuan Community, Xiegang Town, Dongguan
City, Guangdong Province, 523590, P.R.C.

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Report No. : POCE210813018SRE
Date of Receiver : Aug. 07, 2021
Number of tested samples : 1
Date of Test : Aug. 07, 2021–Aug. 13, 2021
Date of Report : Aug. 13, 2021

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior written consent of Shenzhen POCE Technology Co., Ltd

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1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT : Gaming Mouse

Trade Mark : AOC

Model : GM300

Supplementary Model(s) : GM300*****(*=A~Z,a~z,0~9,/,or blank)

Test Voltage : DC 5V

Rating : DC 5V, 100mA

Applicant : Dongguan Lingjie Electronics & Technology Co., Ltd

Address : Building A(Floor 1-4) and B(Floor 1-5), No. 16 Zhenxing North Road, Taiyuan Community, Xiegang Town, Dongguan City, Guangdong Province, 523590, P.R.C.

Manufacturer : TPV Electronics (Fujian) Co., Ltd.

Address : Rongqiao Economic and Technological Development Zone, Fuqing City, Fujian Province, P.R.China

Test Standards : BS EN 55032:2015/A1:2020
BS EN 55035:2017/A11:2020
BS EN IEC 61000-3-2:2019
BS EN 61000-3-3:2013/A1:2019

Test Result : PASS

Test Engineer :

Reviewed By :



1.2. Test Standards

Standard	Test Items	Test Results
BS EN 55032:2015/A11:2020	Power Line Conducted Emission Test (150KHz To 30MHz)	N/A
	Radiated Emission(30MHz To 1000MHz)	PASS
	Radiated Emission(1GHz To 6GHz)	N/A
BS EN IEC 61000-3-2:2019	Harmonic Current	N/A
BS EN 61000-3-3:2013+A1 :2019	Voltage Fluctuation And Flicker	N/A
BS EN 61000-4-2:2009	Electrostatic Discharge Immunity	PASS
BS EN IEC 61000-4-3:2020	Radiated Electromagnetic Fields Immunity (80MHz to 1GHz)	PASS
	Radiated Electromagnetic Fields Immunity (1800MHz to 5GHz)	PASS
BS EN 61000-4-4:2012	Electric Fast Transient Burst Immunity	N/A
BS EN 61000-4-5:2014+A1 :2017	Surge Immunity	N/A
BS EN 61000-4-6:2014+AC :2015	Injected Currents Susceptibility Test	N/A
BS EN 61000-4-8:2010	Magnetic field susceptibility test	PASS
BS EN IEC 61000-4-11:2020	Voltage Dips And Interruptions Immunity	N/A

Note: Pass Indicates that the test is applicable
 N/A Indicates that the test is not applicable

1.3. Test Methodology

All measurements contained in this report were conducted with CISPR 16-1, radio disturbance and immunity measuring apparatus, and CISPR16-2, Method of measurement of disturbances and immunity.

All measurement required was performed at laboratory of Shenzhen POCE Technology Co., Ltd., at 101-102 Building H5 & 1/F., Building H, Hongfa Science & Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China

1.4. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS Registration Number. is L8229

Shenzhen POCE Technology Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC 17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories, Date of Registration: Jan. 06, 2016.

The facility also complies with the radiated and AC line conducted test site criteria set forth in CISPR 16-1, CISPR16-2.

2. MEASURING DEVICE AND TEST EQUIPMENT

2.1. For Power Line Conducted Emission

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Test Receiver	Rohde & Schwarz	ESPI TEST RECEIVER	ID:1164.6607K03-102109-MH	Dec. 10, 2020
2.	L.I.S.N	Rohde & Schwarz	ESH3-Z5.831.5518.52	9561-G071	Dec. 10, 2020
3.	50ΩCoaxial Switch	Anritsu	MP59B	M20531	N/A
4.	Pulse Limiter	SCHWARZ BECK	VTSD 9561-F Pulse limiter 10dB Ateennator	561-G071	Dec. 10, 2020
5.	Cable	SCHWARZ BECK	N/A	N/A	Dec. 10, 2020

2.2. For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Test Receiver	Rohde & Schwarz	ESPI TEST RECEIVER	ID:1164.6607K03-102109-MH	Dec. 10, 2020
2.	Bilog Antenna	Sunol Sciences	Model JB6 Antenna	A090414	Dec. 10, 2020
3.	50ΩCoaxial Switch	Anritsu	MP59B	M20531	N/A
4.	control	Positioning Controller	Model MF-7802	MF780208362	Dec. 10, 2020
5.	Cable	SCHWARZ BECK	N/A	N/A	Dec. 10, 2020
6.	Cable	SCHWARZ BECK	N/A	N/A	Dec. 10, 2020

2.3. For Harmonic Current / Flicker Measurement

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Coupling decoupling network	SCHAFFNER	M016	20812	Dec. 10, 2020
2.	PC	N/A	P2L97	N/A	Dec. 10, 2020

2.4. For Electrostatic Discharge Immunity Test

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	ESD Tester	Prima	ESD61002A	144305	Dec. 10, 2020

2.5. For RF Strength Susceptibility Test

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Signal Generator	HP	8648A	3625U00573	Dec. 10, 2020
2.	Amplifier	AR	500A100	17034	NCR
3.	Amplifier	AR	100W/1000M1	17028	NCR
4.	Isotropic Field Monitor	AR	FM2000	16829	NCR
5.	Isotropic Field Probe	AR	FP2000	16755	Dec. 10, 2020
6.	Biconic Antenna	EMCO	3108	9507-2534	NCR
7.	Log-periodic Antenna	AR	AT1080	16812	NCR
8.	PC	N/A	486DX2	N/A	N/A

2.6. For Electrical Fast Transient /Burst Immunity Test

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Burst Tester	HTEC	HEFT 51	144303	Dec. 10, 2020
2.	Coupling Clamp	HTEC	IP-4A	147147	Dec. 10, 2020

2.7. For Surge Immunity Test

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Surge Tester	HTEC	HCWG	144302	Dec. 10, 2020

2.8. For Injected Current Susceptibility Test

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Simulator	EMTEST	CWS500C	0900-12	Dec. 10, 2020
2.	CDN	EMTEST	CDN-M2	5100100100	Dec. 10, 2020
3.	CDN	EMTEST	CDN-M3	0900-11	Dec. 10, 2020
4.	Injection Clamp	EMTEST	F-2031-23MM	368	Dec. 10, 2020
5.	Attenuator	EMTEST	ATT6	0010222A	Dec. 10, 2020

2.9. For Magnetic Field Immunity Test

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Magnetic Field Tester	HTEC	HPFM T	144301	Dec. 10, 2020

2.10. For Voltage Dips and Interruptions Test

Item	Equipment	Manufacturer	Model No.	Factory Number	Last Cal.
1.	Dips Tester	HTEC	HPFS	144304	Dec. 10, 2020