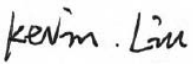
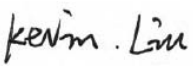
TEST REPORT

EN50663:2017

Report Reference No.....:	**LTT20240516E003**	
Compiled by (position+printed name+signature)..:	File administrators Kevin Liu	
Supervised by (position+printed name+signature)..:	Project Engineer Kevin Liu	
Approved by (position+printed name+signature)..:	RF Manager Eric Wang	
Date of issue.....:	May. 16, 2024	

Testing Laboratory Name .....:	**Shenzhen LTT Testing Technology Co., Ltd.**
Address.....:	Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community, Fuhai Street, Bao'an District, Shenzhen, China
Applicant's name.....:	**GAINSCHA AUTO ID CO., LTD.**
Address.....:	Zone G, 2nd floor, Workshop No. 1, No. 15 Pingbei 2nd Road, Xiangzhou District, Zhuhai, 519060, Guangdong, China
Test specification ..... **:**	
Standard .....:	**EN50663:2017**

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**Test item description .....: **	**Portable label printer**
Trade Mark .....:	N/A
Manufacturer .....:	GAINSCHA AUTO ID CO., LTD.
Model/Type reference.....:	B300
List Model .....:	Refer to page 2
Operation Frequency.....:	From 2402MHz to 2480MHz
Ratings.....:	Model: ZL-U010WL0502000 Input: AC 100-240V 50/60Hz 0.5A Output: DC 5V 2A
Result.....:	**PASS**

TEST REPORT

Equipment under Test	:	Portable label printer
Model /Type	:	B300
Listed Models	:	B300、B200、B210、B220、B230、B240、B250、B260、B270、B280、B290、B310、B320、B330、B340、B350、B360、B370、B380、B390、K200、K210、K220、K230、K240、K250、K260、K270、K280、K290、K300、K310、K320、K330、K340、K350、K360、K370、K380、K390、PT-200、PT-210、PT-220、PT-230、PT-240、PT-250、PT-260、PT-270、PT-280、PT-290、PT-300、PT-310、PT-320、PT-330、PT-340、PT-350、PT-360、PT-370、PT-380、PT-390、ZH-200、ZH-210、ZH-220、ZH-230、ZH-240、ZH-250、ZH-260、ZH-270、ZH-280、ZH-290、ZH-300、ZH-310、ZH-320、ZH-330、ZH-340、ZH-350、ZH-360、ZH-370、ZH-380、ZH-390、GA-M200、GA-M210、GA-M220、GA-M230、GA-M240、GA-M250、GA-M260、GA-M270、GA-M280、GA-M290、GA-M300、GA-M310、GA-M320、GA-M330、GA-M340、GA-M350、GA-M360、GA-M370、GA-M380、GA-M390、GP-M200、GP-M210、GP-M220、GP-M230、GP-M240、GP-M250、GP-M260、GP-M270、GP-M280、GP-M290、GP-M300、GP-M310、GP-M320、GP-M330、GP-M340、GP-M350、GP-M360、GP-M370、GP-M380、GP-M390
Applicant	:	GAINSCHA AUTO ID CO., LTD.
Address	:	Zone G, 2nd floor, Workshop No. 1, No. 15 Pingbei 2nd Road, Xiangzhou District, Zhuhai, 519060, Guangdong, China
Manufacturer		GAINSCHA AUTO ID CO., LTD.
Address	:	Zone G, 2nd floor, Workshop No. 1, No. 15 Pingbei 2nd Road, Xiangzhou District, Zhuhai, 519060, Guangdong, China

Test Result:	**PASS**

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. GENGENERAL INFORMATION

1.1. General Remarks

Date of receipt of test sample	:	May. 04, 2024
Testing commenced on	:	May. 04, 2024
Testing concluded on	:	May. 16, 2024

1.2. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Normal Temperature:	25°C -35°C
Relative Humidity:	35%-55 %
Air Pressure:	101 KPa

1.3. Product Description

Product Name:	Portable label printer
Trade Mark:	N/A
Model/Type reference:	B300
List Model:	B300
Power supply:	DC 5V from external circuit
Hardware Version:	V1.0
Software Version:	V1.0
BLE	
Operation frequency	2402MHz-2480MHz
Modulation Type	GFSK
Channel separation:	2MHz
Channel number:	40

2. METHOD OF MEASUREMENT

Applicable Standard

EN50663:Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields(10MHz-300GHz)

Limit

20mW (According to the table A.1)

Table A.1 – Example values of SAR-based P_{max} for some cases described by ICNIRP, IEEE Std C95.1-1999 and IEEE Std C95.1-2005

Guideline / Standard	SAR limit, SAR_{max} W/kg	Averaging mass, m g	P_{max} mW	Exposure tier[a]	Region of body[a]
ICNIRP [1]	2	10	20	General public	Head and trunk
	4	10	40	General public	Limbs
	10	10	100	Occupational	Head and trunk
	20	10	200	Occupational	Limbs
IEEE Std C95.1-1999 [2]	1,6	1	1,6	Uncontrolled environment	Head, trunk, arms, legs
	4	10	40	Uncontrolled environment	Hands, wrists, feet and ankles
	8	1	8	Controlled environment	Head, trunk, arms, legs
	20	10	200	Controlled environment	Hands, wrists, feet and ankles
IEEE Std C95.1-2005 [3]	2	10	20	Action level	Body except extremities and pinnae
	4	10	40	Action level	Extremities and pinnae
	10	10	100	Controlled environment	Body except extremities and pinnae
	20	10	200	Controlled environment	Extremities and pinnae
[a] Consult the appropriate standard for more information and definitions of terms.					

Manufacturing tolerance

BLE (EIRP)			
GFSK 1Mbps (EIRP)			
Channel	Channel 00	Channel 19	Channel 39
Target (dBm)	3.0	3.0	3.0
Tolerance ±(dB)	1.0	1.0	1.0
BLE (EIRP)			
GFSK 2Mbps (EIRP)			
Channel	Channel 00	Channel 19	Channel 39
Target (dBm)	3.0	3.0	3.0
Tolerance ±(dB)	1.0	1.0	1.0

Test result

Modulation Type	Maximum EIRP including tune up (dBm)	Output power (mW)	Limit (mW)	Results
BLE(1Mbps)	4.00	2.511	20	Pass
BLE(2Mbps)			20	Pass

3. External and Internal Photos of the EUT

Reference to the test report No. LTT20240516E001

.....End of Report.....