

TEST REPORT

Reference No	:	WTX24X09214732W002

Manufacturer: Descartes Systems Group Inc.

Address: 105 Trafalgar Street, Floor 2, Nelson, Tasman 7010, New Zealand

Product Name: Pallet tag

Model No....: PLT005

Standards EN 50663:2017 EN 62479:2010

Date of Receipt sample: 2024-09-12

Date of Test.....: 2024-09-12 to 2024-09-25

Date of Issue 2024-09-25

Test Report Form No.: WTX_EN 50663_2017W

Test Result.....: Pass

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,

Block 70 Bao'an District, Shenzhen, Guangdong, China

Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn

Tested by:

Approved by:

Mike Shi

Jason Su

Reference No.: WTX24X09214732W002



TABLE OF CONTENTS

1. GENERAL INFORMATION	4
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
1.3 Test Methodology	
2. RF EXPOSURE BASIC RESTRICTIONS	6
2.1 STANDARD APPLICABLE	
EVHIRIT 1 FITT DUOTOCDADUS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Reference No.: WTX24X09214732W002



Report version

Version No.	Date of issue	Description
Rev.00	2024-09-25	Original
1, 1,	at 1st set	THE WITH MALL MALL IN THE

MALLERER



1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	with the tex tex the other wi
Product Name:	Pallet tag
Trade Name:	White the text the text the
Model No.:	PLT005
Adding Model(s):	DEL A T AND A LET LET LETTER
Rated Voltage:	DC3V
Battery Capacity:	May 1 who we have the title
Power Adaptor Model:	L I got life nite unit with your war
Software Version:	plt005_v65.1.1
Hardware Version:	L 1.0 L At 11 Mill Mill Mill Mill Mill Mill Mill M
Note: The test data is gathered	from a production sample, provided by the manufacturer.

Technical Characteristics of EUT		
Bluetooth		
Bluetooth Version:	Bluetooth V5.3(BLE Mode)	
Frequency Range:	2402MHz-2480MHz	
Max DE Output Dawer	1Mbps:7.49dBm (EIRP)	
Max.RF Output Power:	2Mbps:7.48dBm (EIRP)	
Type of Modulation:	GFSK	
Data Rate:	1Mbps, 2Mbps	
Quantity of Channels	40	
Channel Separation:	2MHz	
Type of Antenna:	Mini Patch Antenna	
Antenna Gain:	3.5dBi	
Note: The Antenna Gain is prov	ided by the customer and can affect the validity of results.	

Reference No.: WTX24X09214732W002



1.2 Compliance Standards

The tests were performed according to following standards:

EN 50663:2017: Generic standard for assessment of low power electronic and electrical equipment related to human exposure to electromagnetic fields (10MHz to 300GHz).

EN 62479:2010: Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10MHz to 300GHz).

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product maybe which result in lowering the emission/immunity should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with EN 50663,

The equipment under test (EUT) was configured to measure its highest possible emission level. For more detail refer to the Operating Instructions.

1.4 Test Facility

Address of the test laboratory

Laboratory: Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China

FCC - Registration No.: 125990

Waltek Testing Group (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Waltek Testing Group (Shenzhen) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.



2. RF EXPOSURE BASIC RESTRICTIONS

2.1 Standard Applicable

Equipment complying with the requirements for the general public is deemed to comply with the requirements for workers without further testing.

The conformity assessment to demonstrate equipment compliance shall be made according to EN 62479:2010, 4.1 and Clause 6.

If routes B, C or D of 4.1 of EN 62479:2010 are followed then the values of P_{max} , as described in 4.2 of EN 62479:2010 and given in Annex A of EN 62479:2010, shall be replaced by those in Table 1 below.

Table 1 — Values of Pmax

	1 1 1	
Exposure tier	Region of body	Pmax(mW)
alt set s	Head and trunk	20
General public	Limbs	40
Workers	Head and trunk	100
VVOIREIS	Limbs	200

2.2 Evaluation Results

Maximum Average Output Power

Modulation/	ERP/EIRP	P ERP/EIRP mW	Limit mW	Result Pass/Fail
Frequency (MHz)	dBm			
LEK LEK LEK	alier mile and	BLE 1Mbps	<i>(</i> 0)	- # B
2402	6.42	4.3853	20	Pass
2440	7.06	5.0816	20	Pass
2480	7.49	5.6105	20	Pass
A A A	EX CLEX SITES	BLE 2Mbps	m. m.	
2402	6.39	4.3551	20	Pass
2440	7.02	5.0350	20	Pass
2480	7.48	5.5976	20	Pass

Since average output power at worse case is: 5.6105mW which cannot exceed the exempt condition, 20mW specified in EN 50663. Correspondence between this European standard and Article 3 of Directive 2014/53/EU [2014 OJ L153]



EXHIBIT 1 - EUT PHOTOGRAPHS

Please refer to "ANNEX".

**** END OF REPORT ****

MANAGE E