



TEST Report

EN62479: 2010

Prepared for :
igloohome Pte Ltd

75 Ayer Rajah Crescent #03-11 Singapore 139953

Product: Igloohome Smart Mortise
Trade Name: N/A
Model Name: IGM1, IGM2, IGM3, EL8500-TCB
Date of Test: Jan. 10, 2018 to Jan. 17, 2018
Date of Report: Jan. 17, 2018
Report Number: HUAK180110047-2EH

Prepared By :

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EUT Description : Igloohome Smart Mortise

(A) Model No. : IGM1

(B) Serial Model : IGM2, IGM3, EL8500-TCB

(C) Power Supply : DC6V

Standards EN 62479:2010

This device described above has been tested by Shenzhen HUAKE Testing Technology Co., Ltd. and the test results show that the equipment under test (EUT) is in compliance with the 2014/53/EU requirements. And it is applicable only to the tested sample identified in the report.

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Test Result..... **Pass**

Prepared by:

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Reviewed by:

Project Supervisor

Approved by:

Technical Director



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1. GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF EUT

Equipment	Igloohome Smart Mortise	
Model Name.	IGM1	
Serial Model	IGM2, IGM3, EL8500-TCB	
Model Difference	All model's the function, software and electric circuit are the same, only with a product color and model named different. Test sample model: IGM1.	
Product Description	The EUT is Igloohome Smart Mortise. BT4.0	
	Operation Frequency:	2402-2480MHz
	Modulation Type:	GFSK
	Number Of Channel	40CH
	Antenna Designation:	PCB Antenna
	Antenna Gain(Peak)	0 dBi
	NFC:	
	Operation Frequency:	13.56MHz
	Modulation Type:	RFID
	Number Of Channel	1CH
	Antenna Designation:	PCB Antenna
	Antenna Gain(Peak)	0 dBi
	More details of EUT technical specification, please refer to the User's Manual.	
Channel List	Refer to below	
Power Rating	DC6V	
Hardware Version	V2.0	
Software Version	V2.0	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



2.EN 62479 REQUIREMENT

2.1 GENERAL INFORMATION

According to its specifications, the EUT must comply with the requirements of the following standards:

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 (10 MHz to 300 GHz)]

2.2 LIMIT

A. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.

NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.

B. The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in 4.2.

C. The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in 4.2.

D. Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in 4.2.



3. RESULT

PASS.

BT:

The available antenna power of this EUT is 0.46mW (-3.35dBm) the power are below the low-power exclusion level defined in 4.2(Pmax: 20mW)."

The power see the test report HUAKE180110047-2ER.

NFC:

The available antenna power of this EUT is 2.46×10^{-9} W (-56.09dBm) the power are below the low-power exclusion level defined in 4.2(Pmax: 20mW)."

The power see the test report HUAKE180110047-3ER.