MRT Technology (Suzhou) Co., Ltd Phone: +86-512-66308358 Web: www.mrt-cert.com

Report No.: 2005RSU006-E2 Report Version: Issue Date: 02-10-2021

## **MEASUREMENT REPORT**

## RF Exposure Evaluation Declaration

**Applicant:** Escape by

Ter Heidelaan 50a, 3200 Aarschot, Belgium Address:

**Product:** Portable Indoor/Outdoor Wireless Speaker System

Escape P6 BT Model No.:

**Brand Name: ESCAPE** 

Standards: EN 62479: 2010, EN 50663: 2017

AS/NZS 2772.2: 2016

Result: Complies

Kevin Guo Reviewed By:

Approved By:





The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standards through the calibration of the equipment and evaluated measurement uncertainty herein.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.



## **Revision History**

Report No.	Version	Description	Issue Date	Note
2005RSU006-E2	Rev. 01	Initial Report	02-10-2021	Valid



## **CONTENTS**

Des	scription		Page
1.	l. General Information		
	1.1.	Applicant	4
	1.2.	Manufacturer	4
	1.3.	Testing Facility	4
2.	PRODUC	CT INFORMATION	5
	2.1.	Equipment Description	5
	2.2.	Product Specification Subjective to this Report	5
3. RF Exposure Evaluation			6
	3.1.	Limits	6
	3.2.	The Result of RF Exposure Evaluation	6
App	endix A -	EUT Photograph	7



#### 1. General Information

### 1.1. Applicant

Escape by

Ter Heidelaan 50a, 3200 Aarschot, Belgium

#### 1.2. Manufacturer

Escape by

Ter Heidelaan 50a, 3200 Aarschot, Belgium

#### 1.3. Testing Facility

	Test Site – MRT Suzhou Laboratory			
	Laboratory Location (Suzhou - Wuzhong)			
	D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China			
	Laboratory Location (Suzhou - SIP)			
	4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China			
	Laboratory Accreditations			
	A2LA: 3628.01	CNAS: L10551		
	FCC: CN1166	ISED: CN0001		
	VCCI: R-20025, G-20034, C-20020, T-20020			
☐ Test Site – MRT Shenzhen Laboratory				
	Laboratory Location (Shenzhen)  1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhe			
	China			
	Laboratory Accreditations			
	A2LA: 3628.02	CNAS: L10551		
	FCC: CN1284	ISED: CN0105		
	Test Site – MRT Taiwan Laboratory			
	Laboratory Location (Taiwan)			
	No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)			
	Laboratory Accreditations			
	TAF: L3261-190725			
	FCC: 291082, TW3261	ISED: TW3261		



### 2. PRODUCT INFORMATION

### 2.1. Equipment Description

Product Name:	Portable Indoor/Outdoor Wireless Speaker System
Model No.:	Escape P6 BT
Brand Name:	ESCAPE
Bluetooth Version:	V5.0 (Single mode for BR/EDR)
Operating Temperature:	0 ~ 60℃
Product Voltage:	100-120/220-240V ~ 50/60Hz; 100W
Test Device Serial Number:	P6 BT 2004P0202F8C

### 2.2. Product Specification Subjective to this Report

Operating Frequency:	2402~2480MHz
Channel Number:	79
Channel Spacing:	1MHz
Type of modulation:	GFSK, Pi/4 DQPSK, 8DPSK
Data Rate:	1Mbps (GFSK), 2Mbps (Pi/4 DQPSK), 3Mbps (8DPSK)
Antenna Type:	Omni Antenna
Antenna Gain:	2dBi



Report No.: 2005RSU006-E2



#### 3. RF Exposure Evaluation

#### 3.1. Limits

Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level  $P_{\text{max}}$ .

Table as below contains example values for  $P_{\text{max}}$  derived from existing exposure limits listed in the bibliography, such as the ICNIRP guidelines

Guideline /	SAR limit	Averaging	P <sub>max</sub>	Exposure tier	Region of
Standard	SAR <sub>max</sub>	mass, m	(mW)		body
	(W/kg)	(g)			
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

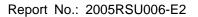
#### 3.2. The Result of RF Exposure Evaluation

Antenna Gain: 2dBi

#### **RF Exposure Evaluation:**

The maximum EIRP power of the SRD device is 3.26dBm and it is less than 20mW (13.01dBm), so it is compliance with exposure requirement of 1999/519/EC.

The End





# Appendix A - EUT Photograph

Refer to "2005RSU006-EE" file.