

EMF TEST REPORT

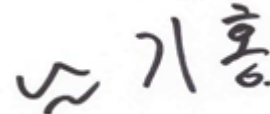
Test Report No. : OT-218-RWD-013
Reception No. : 2103001143
Applicant : 3i Inc
Address : 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, Korea
Manufacturer : 3i Inc
Address : 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, Korea
Type of Equipment : Pivo Remote Control
FCC ID. : 2AS3Q-PIVORC1
Model Name : PIVO-RC-1
Serial number : N/A
Total page of Report : 7 pages (including this page)
Date of Incoming : July 13, 2021
Date of issue : August 10, 2021

SUMMARY

The equipment complies with the regulation; *FCC PART 15 SUBPART C Section 15.247*

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.



Tested by
/ Sieon Lee / Assistant Manager
ONETECH Corp.

Reviewed by
/ Ha-Ram Lee / Manager
ONETECH Corp.

Approved by
/ Ki-Hong, Nam / General Manager
ONETECH Corp.

CONTENTS

PAGE

1. VERIFICATION OF COMPLIANCE	4
2. GENERAL INFORMATION.....	5
2.1 PRODUCT DESCRIPTION.....	5
2.2 ALTERNATIVE TYPE(S)/MODEL(S); ALSO COVERED BY THIS TEST REPORT.....	5
3. EUT MODIFICATIONS.....	5
4. RF EXPOSURE EVALUATION	6
4.1 STANDARD APPLICABLE	6
4.2 EUT DESCRIPTION.....	6
4.3 TEST RESULT OF SAR EXCLUSION FOR PORTABLE DEVICES	7

Revision History

Rev. No.	Issue Report No.	Issued Date	Revisions	Section Affected
0	OT-218-RWD-013	August 10, 2021	Initial Release	All

1. VERIFICATION OF COMPLIANCE

Applicant : 3i Inc
Address : 3-321 523, Dongdaegu-ro, Dong-gu, Daegu, Korea
Contact Person : Hyekang Park / Manager
Telephone No. : +82-10-7540-8593
FCC ID : 2AS3Q-PIVORC1
Model Name : PIVO-RC-1
Brand Name : N/A
Serial Number : N/A
Date : August 10, 2021

EQUIPMENT CLASS	DTS – DIGITAL TRNSMISSION SYSTEM
E.U.T. DESCRIPTION	Pivo Remote Control
THIS REPORT CONCERNS	Original Grant
MEASUREMENT PROCEDURES	ANSI C63.10: 2013
TYPE OF EQUIPMENT TESTED	Pre-Production
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	Certification
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15 SUBPART C Section 15.247 KDB 558074 D01 15.247 Meas Guidance v05r02
Modifications on the Equipment to Achieve Compliance	None
Final Test was Conducted On	3 m, Semi Anechoic Chamber

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

2. GENERAL INFORMATION

2.1 Product Description

The 3i Inc, Model PIVO-RC-1 (referred to as the EUT in this report) is a Pivo Remote Control. The product specification described herein was obtained from product data sheet or user's manual.

Device Type	Pivo Remote Control
Operating Frequency	2 440 MHz (Only Tx)
RF Output Power	-9.67 dBm
Number of Channel	1 Channels
Modulation Type	GFSK
Antenna Type	PCB Antenna
Antenna Gain	0.00 dBi
Rated Supply Voltage	DC 3.0 V
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	16 MHz

2.2 Alternative type(s)/model(s); also covered by this test report.

-. None

3. EUT MODIFICATIONS

-. None

4. RF Exposure Evaluation

4.1 Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to the procedure, KDB 447498 D06, the standalone SAR test exclusion threshold is

$$[(\text{Max. Power of channel, including tune-up tolerance, mW})/(\text{Min. test separation distance, mm})] \times [\sqrt{f(\text{GHz})}] < 3$$

4.2 EUT Description

Kind of EUT	Pivo Remote Control
Device Category	<input checked="" type="checkbox"/> Portable (< 20 cm separation) <input type="checkbox"/> Mobile (> 20 cm separation) <input type="checkbox"/> Others
Exposure Evaluation Applied	<input checked="" type="checkbox"/> MPE <input type="checkbox"/> SAR <input type="checkbox"/> SAR Exemption

4.3 Test Result of SAR Exclusion for Portable Devices

$[(\text{Max. Power of channel, including tune-up tolerance, mW})/(\text{Min. test separation distance, mm})] \times [\sqrt{f(\text{GHz})}]$

$$= (0.12/5) \times \sqrt{2.44} = 0.038 < 3$$

Conclusion: The SAR test exclusion threshold is less than 3, so the device meets the RF Exposure Requirement and excluded SAR Test.

Frequency (MHz)	Target Power W/tolerance (dBm)	Max tune up power (dBm)	Max tune up power (mW)	Separation distance (mm)	RF exposure
2 440.00	-9.67 ± 0.5	-9.17	0.12	5	0.038