

ELECTROMAGNETIC EMISSION COMPLIANCE REPORT FOR LOW-POWER, NON-LICENSED TRANSMITTER

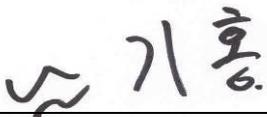
Test Report No. : W178R-D046
AGR No. : A178A-072
Applicant : SOLUM CO.,LTD.
Address : 4,5,6th F, 357, Guseong-ro, Giheung-gu, Gyeonggi-do, Yongin-si, South Korea
Manufacturer : SOLUM CO.,LTD.
Address : 4,5,6th F, 357, Guseong-ro, Giheung-gu, Gyeonggi-do, Yongin-si, South Korea
Type of Equipment : BLE Beacon Device
FCC ID. : 2AFWN-TBHH01AP1
Model Name : TBHH01AP1
Multiple Model Name : N/A
Serial number : N/A
Total page of Report : 6 pages (including this page)
Date of Incoming : August 08, 2017
Date of issue : August 22, 2017

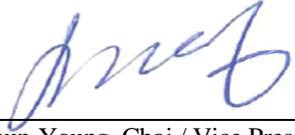
SUMMARY

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.

Reviewed by: 
Ki-Hong, Nam / Asst, Chief Engineer
ONETECH Corp.

Approved by: 
Keun-Young, Choi / Vice President
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. MAXIMUM PERMISSIBLE EXPOSURE	6
4.1 RF EXPOSURE CALCULATION	6
4.2 EUT DESCRIPTION.....	6
4.3 TEST RESULT	6

Revision History

Issued Report No.	Issued Date	Revisions	Effect Section
W178R-D046	August 22, 2017	Initial Issue	All

1. VERIFICATION OF COMPLIANCE

Applicant : SOLUM CO.,LTD.
 Address : 4,5,6th F, 357, Guseong-ro, Giheung-gu, Gyeonggi-do, Yongin-si, South Korea
 Contact Person : Ki Dong, Lee / Senior Manager
 Telephone No. : +82-31-210-6497
 FCC ID : 2AFWN-TBHH01AP1
 Model Name : TBHH01AP1
 Serial Number : N/A
 Date : August 22, 2017

EQUIPMENT CLASS	DTS – DIGITAL TRNSMISSION SYSTEM
KIND OF EQUIPMENT	BLE Beacon Device
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
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 SOLUM CO.,LTD., Model TBHH01AP1 (referred to as the EUT in this report) is a BLE Beacon Device. The product specification described herein was obtained from product data sheet or user's manual.

Device Type	BLE Beacon Device
Operating Frequency	2 402 MHz ~ 2 480 MHz
RF Output Power	-1.09 dBm
Number of Channel	40 Channel
Modulation Type	GFSK
Antenna Type	PCB Antenna
Antenna Gain	1.72 dBi
List of each Osc. or crystal Freq.(Freq. >= 1 MHz)	32 MHz
Rated Supply Voltage	DC 3.0 V

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

-. None

3. EUT MODIFICATIONS

-. None

