

RF Test Report

RF EXPOSURE

Report No. : FCCBCKH-WAY-P21080046-1R1
Customer : DENSO WAVE INCORPORATED
Address : 1 Yoshiike Kusagi Agui-cho, Chita-gun, Aichi 470-2297, Japan
Use of Report : Certification
Model Name : DWBT014
FCC ID : PZWDWBT014
Date of Test : 2021.08.02 to 2021.08.09
Test Method Used : 47 C.F.R. §§ 2.1091 and 2.1093; FCC KDB 447498
Testing Environment : Refer to the Test Condition

Test Result : **Pass** **Fail**

ISSUED BY: BV CPS ADT Korea Ltd., EMC/RF Laboratory

ADDRESS: Innoplex No.2 106, Sinwon-ro 306, Yeongtong-gu,
Suwon-si, Gyeonggi-do, Korea 16675

TEST LOCATION: HeungAn-daero 49, DongAn-gu, Anyang-si,
Gyeonggi-do, Korea, 14119

Tested by

Name : Donghwa Shin

Technical Manager

Name : Jongha Choi

2021. 10. 05

BV CPS ADT Korea Ltd.

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BUREAU
VERITAS

RELEASE CONTROL RECORD

REPORT NO.	REASON FOR CHANGE	DATE ISSUED
FCCBCKH-WAY-P21080046-1	Original release	2021.09.01
FCCBCKH-WAY-P21080046-1R1	Revised typo	2021.10.05

Table of Contents

RELEASE CONTROL RECORD	2
1 GENERAL INFORMATION	4
1.1 GENERAL DESCRIPTION OF EUT.....	4
2 RF EXPOSURE	5
2.1 TEST RESULT.....	5
2.2 TEST METHOD	5
2.3 SINGLE TRANSMISSION RF EXPOSURE LEVELS	5
2.4 SIMULTANEOUS TRANSMISSION RF EXPOSURE LEVELS	5
APPENDIX – INFORMATION OF THE TESTING LABORATORIES	6



1 General Information

1.1 General Description of EUT

Product	Bluetooth Module
Brand	DENSO
Model	DWBT014
Identification No. of EUT	-
Series Model	-
Model Difference	-
Power Supply	3.3 V
Modulation Type	GFSK
Transfer Rate	1 Mbps, 2 Mbps
Operating Frequency	2 402 to 2 480 MHz
Number of Channel	40 Channels
Output Power	2.09 dBm
Antenna Type	PCB Antenna
Antenna Connector	Integrated Antenna
H/W Version	Ver.1.00
S/W Version	Ver.1.00

NOTES

- 1) The above equipment has been tested by **Bureau Veritas Consumer Products Services ADT Korea**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.
- 2) The following antennas were provided to the EUT.

Antenna	Type	Connector	Peak Gain (dBi)
Antenna 1	PCB Antenna	Internal	1.6 dBi

3) List of Accessories

Accessories	Brand	Model	Manufacturer	Specification
-	-	-	-	-

2 RF Exposure

2.1 Test Result

Test Description	Product Specific Standard	Test Result
RF Exposure	FCC Part 1.1310	Compliant

2.2 Test Method

Using the maximum measured conducted power, the power density was calculated.

2.3 Single transmission RF Exposure Levels

Band of Operation		Conducted Power dBm	Antenna Gain (dBi)	Average EIRP		Distance (R) cm	Power Density EIRPAvg/ (4πR ²) mW	FCC mW/cm ²	Result
Type	MHz			dBm	mW				
Bluetooth	2402 - 2480	2.02	1.6	3.62	2.301	20	0.000 46	1.00	Pass

Note: Antenna gain values were provided by DENSO WAVE INCORPORATED

2.4 Simultaneous transmission RF Exposure Levels

This Bluetooth module does not transmit simultaneously.



Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services Korea. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

Test Firm Name : BV CPS ADT Korea Ltd.

Address : Innoplex No.2 106, Sinwon-ro 306, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675 KOREA

FCC

Designation Number : KR0158

Test Firm Registration Number : 666061

ISED

Designation Number : KR0158

Test Firm Registration Number : 25944

If you have any comments, please feel free to contact us at the following:

Email: Meyer.Shin@bureauveritas.com

Web Site: www.bureauveritas.co.kr/cps/eaw

The address and road map of all our labs can be found in our web site also.

- End of report -