

Japan Specified Radio Test Report

Report No. : 1812C60438812502

Applicant : ACCO Brands USA LLC

Address : 4 Corporate Drive, Lake Zurich, Illinois 60047,
USA

Product Name : 星のカービィ ワイヤレス コンパクトキーボード
ダッシュ
Kirby Wireless Compact Keyboard Dash

Report Date : 2026-09-04

Shenzhen Anbotek Compliance Laboratory Limited



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TEST REPORT

Applicant : ACCO Brands USA LLC
Manufacturer : ACCO Brands USA LLC
Product Name : 星のカービィ ワイヤレス コンパクトキーボード ダッシュ
Kirby Wireless Compact Keyboard Dash
Model No. : M01792-K
Trade Mark : kensington
Rating(s) : Input: 3VDC by "AAA"*2 battery

Test Standard(s) : MIC Notice No.88 Appendix No.43
Article 2, paragraph 1, item 19

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the MIC Notice No.88 Appendix No.43 and Certificate regulation article 2, paragraph 1, item 19 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt

2026-07-30

Date of Test

2026-07-30 to 2026-08-12

Prepared By

Cecilia Chen

(Cecilia Chen)

Approved & Authorized Signer

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(Jules Guo)



Revision History

Report Version	Description	Issued Date
R00	Original Issue.	2026-09-04



1. General Information

1.1. Client Information

Applicant	:	ACCO Brands USA LLC
Address	:	4 Corporate Drive, Lake Zurich, Illinois 60047, USA
Manufacturer	:	ACCO Brands USA LLC
Address	:	4 Corporate Drive, Lake Zurich, Illinois 60047, USA

1.2. Description of Device (EUT)

Product Name	:	星のカービィ ワイヤレス コンパクトキーボード ダッシュ Kirby Wireless Compact Keyboard Dash
Model No.	:	M01792-K
Trade Mark	:	kensington
Test Power Supply	:	3VDC
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Hardware Version	:	VER4.0
Software Version	:	CS:DD7BCD
Adapter	:	N/A
RF Specification		
Operation Mode	:	☐ DSSS ☒ FHSS
Operation Frequency	:	2403MHz to 2480MHz
Number of Channel	:	16Channels
Modulation Type	:	GFSK
Antenna Type	:	PCB Antenna
Antenna Gain(Peak)	:	2.34dBi
Rated output Power	:	0.2mW/MHz Max.

Remark: (1) All of the RF specification are provided by customer. (2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
CH340 USB TO TTL UART	Mercury electronics technologies	MCS-71 Pro	/
Lenovo Computer	Lenovo	R7-7730U	/

1.4. Description of Test Configuration

The EUT has been tested under typical operating condition. The Applicant provides software to control the EUT for staying in continuous transmitting and receiving mode for testing.

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
01	2403	05	2422	09	2441	13	2463
02	2407	06	2426	10	2445	14	2466
03	2414	07	2436	11	2453	15	2473
04	2419	08	2439	12	2459	16	2480

Note: EUT was tested with channel 01, 09 and 16.

1.5. Test Conditions

	Normal Test Conditions
Temperature	15°C - 35°C
Relative Humidity	45% - 75%
Pressure Range	86-106kPa

1.6. Test Voltage

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input To EUT	DC 3V	DC 3.3V	DC 2.7V
Output To RF Module	DC 3.30V	DC 3.30V	DC 3.30V
Voltage Variation (%)	--	0.00%	0.00%

Note: Voltage Variation (%)=(Output high or Low Voltage - Output Normal Voltage)/ Output Normal Voltage* 100

For extreme voltage test, we have tested the relationship between the external power supply and RF IC power supply. Base on the test results, only the normal voltage was selected to perform all items.



1.7. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Last Cal.	Cal.Due Date
1	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	2025-12-29	2026-12-28
2	MXA Spectrum Analysis	KEYSIGHT	N9020A	2025-12-29	2026-12-28
3	MXG RF Vector Signal Generator	Agilent	N5182A	2025-12-29	2026-12-28

Note:

The above test equipment is calibrated by Guangzhou LiSai Metrology & Test Co.,Ltd.
Calibration method reference Article 24-2, Paragraph 4 of the Radio Act. (method c)

4	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-HWHS80B	2026-06-08	2027-06-07
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Note:

The test equipment is calibrated by GUANGZHOU NEM METROLOGY&TEST TECHNOLOGY CO.,LTD

Calibration method reference Article 24-2, Paragraph 4 of the Radio Act. (method c)

5	DC Power Supply	IVYTECH	IV3605	2026-06-08	2027-06-07
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Note:

The test equipment is calibrated by Centre Testing International Group Co., Ltd. (CTI)
Calibration method reference Article 24-2, Paragraph 4 of the Radio Act. (method c)

6	8 Channel RF Control Unit	Tonscend	JS0806-2	2025-12-29	2026-12-28
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Note:

The test equipment is calibrated by Guangzhou LiSai Metrology & Test Co.,Ltd.

Calibration method reference Article 24-2, Paragraph 4 of the Radio Act. (method c)

Remark:

(a) Calibration conducted by the National institute of information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.

(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act(Act No. 51 of 1992).

(c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

(d) Calibration, etc, conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c)

From JRL Article 24 .2, paragraph 4, Item 2



1.8. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 279531

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 279531.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.9. Disclaimer

1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
2. The test report is invalid if there is any evidence and/or falsification.
3. The effect that the results relate only to the items tested.
4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
5. This report shall not be reproduced except in full without approval of the anbotek.
6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.
7. The data in this report will be synchronized with the corresponding national market supervision and management departments and cross-border e-commerce platforms as required by regulatory agencies.
8. Unless otherwise specified, use the binary decision rule of simple acceptance ($w=0$) for conformity determination with reference to ILAC-G8:09/2019.



1.10. Measurement Uncertainty

Parameter	Uncertainty
Occupied Bandwidth	552Hz
Conducted Output Power	0.84dB
Conducted Spurious Emission	1.24dB
Frequency tolerance	58Hz
Dwell Time	2%
The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	



2. Summary of Test Results

Test Standard	Description of Test	Result
MIC Notice No.88 Appendix No.43 Article 2 Paragraph 1 Item 19	Frequency Tolerance	Complies
	Antenna power	Complies
	EIRP	Complies
	Antenna Power Tolerance	Complies
	Occupied Bandwidth	Complies
	Spread Bandwidth	Just for report
	Spurious Emissions	Complies
	Interference prevention function	Complies
	Secondary Radiated Emissions	Complies
	Dwell Time	Complies
	Transmission Radiated Angle Width (3dB Beam Bandwidth)	N/A**
	Antenna Absolute Gain	Complies

Note:

(1) N/A is an abbreviation for Not Applicable.

(2) This device have more than 1 subcarrier in 1MHz, compliance with the requirement.

*: Application to Antenna Gain more than 2.14dBi.

**: Application to EIRP more than 6.91dBm/MHz.



3. Frequency Tolerance Test

3.1. Test Limit

Test Limit	± 50 ppm
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3.2. Test Setup



3.3. Test Procedure

Test Frequency= test channel

RBW=VBW=10kHz

Span=500kHz

Sweep time=Auto

Detector mode=Positive peak

Indication mode=Max hold

3.4. Test Data

PASS

Please refer to Appendix A of the Appendix Test Data.



4. Antenna Power Test

4.1. Test Limit

No.	Modulation Method	Frequency Range	Antenna Power	E.I.R.P
1.	FHSS(Compound method with DSSS or OFDM) (OBW within 83.5MHz)	2427-2470.75 MHz	3mW/MHz or less	6.91-16.91dBm/MHz
		2400-2483.5 MHz (except 2427-2470.75MHz)	10mW/MHz or less	12.14-22.14dBm/MHz
2.	DSSS (OBW within 26MHz)	2400 - 2483.5 MHz	10mW/MHz or less	12.14-22.14dBm/MHz
3.	OFDM (OBW within 26MHz)		10mW/MHz or less	12.14- - 22.14dBm/MHz
4.	OFDM (OBW 26-40MHz)		5mW/MHz or less	9.13-19.13dBm/MHz
5.	Other Digital methods (OBW within 26MHz)		10mW or less	12.14-22.14dBm
6.	Tolerance	+20%		

4.2. Test Setup



4.3. Test Configuration

- 1.Test Frequency: Hop Frequency
- 2.The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 3.At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
- 4.The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

4.4. Test Data

Pass

Please refer to Appendix B of the Appendix Test Data.



5. Occupied Bandwidth (99%) Test

5.1. Test Limit

Modulation type	Limit
FH:	83.5MHz or less
FH + DS:	83.5MHz or less
FH + OFDM:	83.5MHz or less
OFDM:	With 20M Bandwidth: 26MHz or less With 40M Bandwidth: 26-40MHz
Others:	26MHz or less

5.2. Test Setup



5.3. Test Procedure

Hopping:

Test Frequency=test channel

RBW=VBW=1MHz

Span=200MHz

Sweep time=Auto

Detector mode=Positive peak

Indication mode=Max hold

5.4. Test Data

PASS

Please refer to Appendix C of the Appendix Test Data.

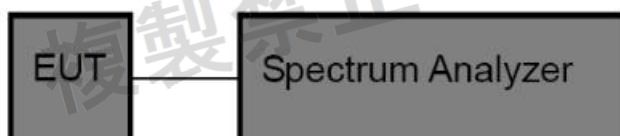


6. Spread-Spectrum Bandwidth (90%) Test

6.1. Test Limit

Test Limit	N/A
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6.2. Test Setup



6.3. Test Procedure

Test Frequency= test channel

RBW=VBW=1MHz

Span=200MHz

Sweep time=Auto

Detector mode=Positive peak

Indication mode=Max hold

6.4. Test Data

Pass

Please refer to Appendix D of the Appendix Test Data.



7. Spurious Emissions Intensity Test

7.1. Test Limit

Frequency Range	Test Limit
$\leq 2387\text{MHz}$	$\leq 2.5\mu\text{W/MHz}$ (-26dBm/MHz)
2387MHz to 2400MHz	$\leq 25\mu\text{W/MHz}$ (-16dBm/MHz)
2483.5MHz to 2496.5MHz	$\leq 25\mu\text{W/MHz}$ (-16dBm/MHz)
$\geq 2496.5\text{MHz}$	$\leq 2.5\mu\text{W/MHz}$ (-26dBm/MHz)

7.2. Test Setup



7.3. Test Procedure

Step 1:

Test Frequency: test channel,

RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Positive peak

Step 2:

Test Frequency: spurious frequency

RBW=VBW=1MHz, Sweep time=Auto, Detector mode=Sample, Span=0Hz

7.4. Test Data

Pass

Please refer to Appendix E of the Appendix Test Data.

Note: SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA's default format.

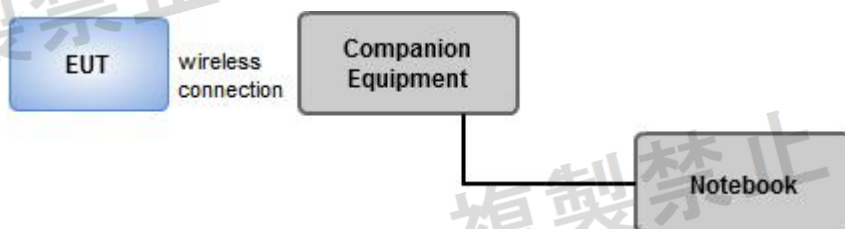


8. Interference Prevention Function

8.1. Test Limit

Test Limit	The identification code shall be 48 bits long
------------	---

8.2. Test Setup



8.3. Test Configuration

1. Set EUT under operating mode and link up with companion equipment
2. Check communication status between EUT and companion equipment is normal
3. Record the max. reading.
4. Confirm the MAC address of EUT

8.4. Test Data

Test Mode	ID Code	Test Results
2.4G	62:49:07:D5:F8:BA	Complies



9. Secondary Radiated Emissions Test

9.1. Test Limit

Frequency Range	Test Limit
30~ 1000MHz	$\leq 4.0\text{nW}$ (-54dBm)
1000~ 12500MHz	$\leq 20\text{nW}$ (-47dBm)

9.2. Test Setup



9.3. Test Configuration

Test Frequency: test channel,

Below 1GHz, RBW=VBW=100kHz;

Above 1GHz, RBW=VBW=1MHz,

Sweep time=Auto, Detector mode=Positive peak

Adjust the spectrum analyzer configuration during final testing: Set the spectrum analyzer at the secondary launch measurement as follows. Center frequency secondary firing frequency Sweep frequency width span = 0Hz. If the resolution bandwidth is less than 1 GHz, it is 100 kHz and 1 MHz for 1 GHz or more Same as video bandwidth resolution bandwidth Minimum time guaranteed sweep time measurement accuracy Sweep mode single sweep Detection mode samples or RMS

Any emissions identified during the sweeps exceeds 1/10 of applicable limit, shall be individually measured using RMS detector and compared to the limits

9.4. Test Data

Pass

Please refer to Appendix F of the Appendix Test Data.



10. Dwell Time Measurement

10.1. Test Limit

Test Limit	0.4 second or less
------------	--------------------

10.2. Test Setup



10.3. Test Configuration

Test Frequency: test channel,

RBW=1MHz, VBW=1MHz, Span=0MHz, Detector mode=Positive peak

Total Dwell Time = On time Burst x On time Burst number in 6.4s

$6.4 = (0.4 \times \text{Number of hopping channels})$

[Notes]

a. Numerical Coefficient (0.4) is a dimensionless number defined in the technical standard

10.4. Test Data

Pass

Please refer to Appendix G of the Appendix Test Data.



APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- End of Report -----

