TEST REPORT

Reference No.	:	WTX21X08091829W-2
FCC ID	:	GV3M01602
Applicant	:	ACCO Brands, Inc.
Address	:	1500 Fashion Island Blvd., 3rd Floor, San Mateo, CA 94404, USA
Product Name	:	StudioCaddy™ with Wireless Charging
Test Model	:	M01602
Standards	:	KDB 680106 D01 V03
Date of Receipt sample	:	Aug. 31, 2021
Date of Test	:	Aug. 31, 2021 to Sept. 14, 2021
Date of Issue	:	Sept. 14, 2021
Test Result	:	**Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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Version No.	Date of issue	Description
Rev.00	Sept. 14, 2021	Original
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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant:	ACCO Brands, Inc.
Address of applicant:	1500 Fashion Island Blvd., 3rd Floor, San Mateo, CA 94404, USA
Manufacturer:	ACCO Brands, Inc.
Address of manufacturer:	1500 Fashion Island Blvd., 3rd Floor, San Mateo, CA 94404, USA

General Description of EUT	
Product Name:	StudioCaddy™ with Wireless Charging
Trade Name:	Kensington
Model No.:	M01602
Adding Model(s):	/
Note: The test data is gathered from a production sample, provided by the manufacturer.	

Technical Characteristics of EUT	
Frequency Range:	112~205KHz
Modulation Type:	ASK
Antenna Type:	Coil Antenna
Antenna Gain	0dBi
Input:	DC12V
Wireless output:	Wireless Output 1: 5.0V, 1A, 9.0V, 1.1A Wireless Output 2: 5.0V, 1A, 9.0V, 1.1A
Power adapter:	MODEL:ICP65-120-5000 INPUT:AC100-240V, 50/60Hz, 1.5A OUTPUT:DC12.0V, 5A, 60.0W

1.2 Test Equipment List and Details

Description	Manufacturer	Model	Serial No.	Cal Date	Due Date
ELECTRIC AND MAGNETIC FIELD ANALYZER	Narda	EHP-200AC	180ZX10226	2021-05-20	2024-05-19

Auxiliary Equipment List and Details			
Description	**Manufacturer**	**Model**	**Serial Number**
wireless charging tester	YBZ	YBZ wireless charging tester	/
iPhone	Apple	MLE13CH/A	/
AirPods Pro	Apple	A2190	/
Android Phone	HUAWEI	VOG-AL00	/

2. RF Exposure Test Report

2.1 Standard Applicable

According to § 1.1310 system operating under the provisions of this section shall be operating in a manner that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure.

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

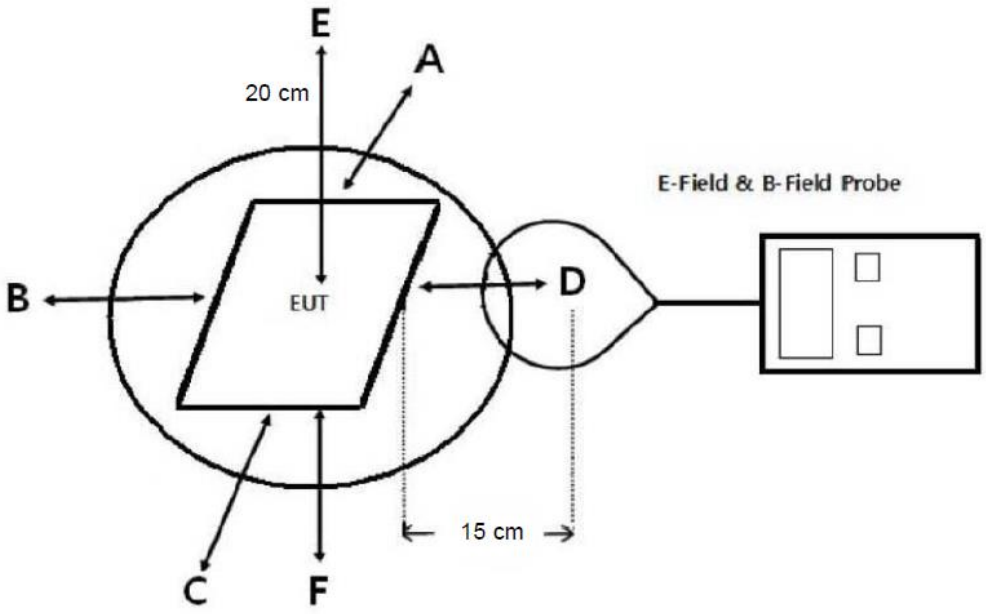
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	$*900/f^2$	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	$*180/f^2$	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

f = frequency in MHz * = Plane-wave equivalent power density

2.2 Test Conditions

Test Mode	Description	Remark
TM1	Wireless charging	Connect to the Adapter; AC120V 60Hz for adapter, Wireless Charging Output 1: DC5V/1A; Wireless Charging Output 2: DC5V/1A
TM2	Wireless charging	Connect to the Adapter; AC120V 60Hz for adapter, Wireless Charging Output 1: DC9V/1.1A; Wireless Charging Output 2: DC9V/1.1A
TM3	Wireless charging	Connect to the Adapter; AC120V 60Hz for adapter, Wireless Charging Output 1: Charging iPhone; Wireless Charging Output 2: Charging AirPods Pro
TM4	Wireless charging	Connect to the Adapter; AC120V 60Hz for adapter, Wireless Charging Output 1: DC9V/1.1A; Wireless Charging Output 2: Charging AirPods Pro
TM5	Wireless charging	Connect to the Adapter; AC120V 60Hz for adapter, Wireless Charging Output 1: Charging iPhone; Wireless Charging Output 2: DC9V/1.1A
TM6	Wireless charging	Connect to the Adapter; AC120V 60Hz for adapter, Wireless Charging Output 1: Charging Android Phone; Wireless Charging Output 2: Charging AirPods Pro
TM7	Wireless charging	Connect to the Adapter; AC120V 60Hz for adapter, Wireless Charging Output 1: Charging Android Phone; Wireless Charging Output 2: DC9V/1.1A
Note: Charging iPhone, Wireless output: 7.5W; Charging Android phone, Wireless output: 10W		
Measurement Distance:	15 cm	

2.3 Test Procedure



a. The measurement probe was placed at test distance(15 cm for A,B,C,D,F and 20 cm for E) which is between the edge of the charger and the geometric center of probe.
b. The highest emission level was recorded at the measurement points(A, B, C, D, E, F).
c. The EUT was measured according to the distance of KDB 680106 D01 V03.

2.4 Test Result

The EUT dose comply with item 5.2 of KDB 680106 D01V03

1. Power transfer frequency is less that 1 MHz
   Yes, the device operate in the frequency range from 112kHz to 205kHz.

2. Output power from each primary coil is less than or equal to 15 watts
   Yes, the maximum output power of the primary coil is less than 15W.

3. The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils
   Yes, the client device includes only single primary coils.

4. Client device is inserted in or placed directly in contact with the transmitter
   Yes, Client device is placed directly in contact with the transmitter.

5. Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).

Yes, It is mobile exposure conditions only.

6. The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.
   Yes, The EUT field strength levels are less than 50% of the MPE limit, refer to test TM1, TM2 list, and the coils can’t transmitted simultaneous.

Test Mode: TM1

Electric Field Emissions			
Test Position	**Measure Value (V/m)**	**Limit(V/m)**	**50% Limit (V/m)**
Point E	7.51	614	307
Point F	6.95	614	307
Point A	5.45	614	307
Point B	6.12	614	307
Point C	4.87	614	307
Point D	3.45	614	307
Magnetic Field Emissions			
Test Position	**Measure Value (A/m)**	**Limit(A/m)**	**50% Limit (A/m)**
Point E	0.56	1.63	0.815
Point F	0.75	1.63	0.815
Point A	0.70	1.63	0.815
Point B	0.61	1.63	0.815
Point C	0.28	1.63	0.815
Point D	0.36	1.63	0.815

Test Mode: TM2

Electric Field Emissions			
Test Position	**Measure Value (V/m)**	**Limit(V/m)**	**50% Limit (V/m)**
Point E	8.69	614	307
Point F	7.11	614	307
Point A	6.27	614	307
Point B	6.27	614	307
Point C	5.99	614	307
Point D	5.12	614	307
Magnetic Field Emissions			
Test Position	**Measure Value (A/m)**	**Limit(A/m)**	**50% Limit (A/m)**
Point E	0.91	1.63	0.815
Point F	0.86	1.63	0.815
Point A	0.76	1.63	0.815
Point B	0.71	1.63	0.815
Point C	0.66	1.63	0.815
Point D	0.42	1.63	0.815

Test Mode: TM3

Electric Field Emissions			
Test Position	**Measure Value (V/m)**	**Limit(V/m)**	**50% Limit (V/m)**
Point E	8.41	614	307
Point F	6.96	614	307
Point A	6.08	614	307
Point B	6.15	614	307
Point C	5.82	614	307
Point D	5.01	614	307
Magnetic Field Emissions			
Test Position	**Measure Value (A/m)**	**Limit(A/m)**	**50% Limit (A/m)**
Point E	0.77	1.63	0.815
Point F	0.74	1.63	0.815
Point A	0.58	1.63	0.815
Point B	0.43	1.63	0.815
Point C	0.51	1.63	0.815
Point D	0.39	1.63	0.815

Test Mode: TM4

Electric Field Emissions			
Test Position	**Measure Value (V/m)**	**Limit(V/m)**	**50% Limit (V/m)**
Point E	8.58	614	307
Point F	6.91	614	307
Point A	6.08	614	307
Point B	6.12	614	307
Point C	5.86	614	307
Point D	5.02	614	307
Magnetic Field Emissions			
Test Position	**Measure Value (A/m)**	**Limit(A/m)**	**50% Limit (A/m)**
Point E	0.81	1.63	0.815
Point F	0.72	1.63	0.815
Point A	0.66	1.63	0.815
Point B	0.55	1.63	0.815
Point C	0.54	1.63	0.815
Point D	0.43	1.63	0.815

Test Mode: TM5

Electric Field Emissions			
Test Position	**Measure Value (V/m)**	**Limit(V/m)**	**50% Limit (V/m)**
Point E	8.55	614	307
Point F	6.95	614	307
Point A	6.16	614	307
Point B	6.04	614	307
Point C	5.84	614	307
Point D	4.99	614	307
Magnetic Field Emissions			
Test Position	**Measure Value (A/m)**	**Limit(A/m)**	**50% Limit (A/m)**
Point E	0.73	1.63	0.815
Point F	0.75	1.63	0.815
Point A	0.62	1.63	0.815
Point B	0.61	1.63	0.815
Point C	0.51	1.63	0.815
Point D	0.28	1.63	0.815

Test Mode: TM6

Electric Field Emissions			
Test Position	**Measure Value (V/m)**	**Limit(V/m)**	**50% Limit (V/m)**
Point E	8.56	614	307
Point F	6.96	614	307
Point A	6.13	614	307
Point B	6.02	614	307
Point C	5.75	614	307
Point D	5.01	614	307
Magnetic Field Emissions			
Test Position	**Measure Value (A/m)**	**Limit(A/m)**	**50% Limit (A/m)**
Point E	0.73	1.63	0.815
Point F	0.69	1.63	0.815
Point A	0.64	1.63	0.815
Point B	0.53	1.63	0.815
Point C	0.53	1.63	0.815
Point D	0.26	1.63	0.815

Test Mode: TM7

Electric Field Emissions			
Test Position	**Measure Value (V/m)**	**Limit(V/m)**	**50% Limit (V/m)**
Point E	8.43	614	307
Point F	6.97	614	307
Point A	6.15	614	307
Point B	5.99	614	307
Point C	5.82	614	307
Point D	4.96	614	307
Magnetic Field Emissions			
Test Position	**Measure Value (A/m)**	**Limit(A/m)**	**50% Limit (A/m)**
Point E	0.72	1.63	0.815
Point F	0.66	1.63	0.815
Point A	0.60	1.63	0.815
Point B	0.59	1.63	0.815
Point C	0.46	1.63	0.815
Point D	0.24	1.63	0.815

2.5 Test Photos

APPENDIX PHOTOGRAPHS

Please refer to "ANNEX"

******* END OF REPORT *******