TEST REPORT

Reference No.	:	WTD21D05047152W002
FCC ID	:	GU6ZYGS003
Applicant	:	Avery Dennison Retail Information Services, LLC
Address	:	170 Monarch Lane Miamisburg, OH 45342
Manufacturer	:	CME Electronics Technology Co., LTD
Address	:	Suite B, 18th Floor, Jingwange No. 303, Qinglv Road South, Gongbei, Zhuhai 519020, Guangdong Province, China
Product	:	ZippyYum Scancase
Model(s)	:	ZYGS003, ZYGS003-M
Standards	:	FCC Part 2.1093
Date of Receipt sample	:	2021-05-19
Date of Test	:	2021-05-19 to 2021-07-08
Date of Issue	:	2021-08-25
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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Approved by:

Daniel Liu /Designated Reviewer

2 Contents

3 Revision History

Test report No.	Date of Receipt sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTD21D05047152 W002	2021-05-19	2021-05-19 to 2021-07-08	2021-08-25	Original	-	Valid

4 General Information

4.1 General Description of E.U.T.

Product:	ZippyYum Scancase
Model(s):	ZYGS003, ZYGS003-M
Model Description:	All same except for model ZYGS003-M the IR Temperature sensor is replaced by a medical grade sensor of the same series. The test sample's model is ZYGS003
Bluetooth Version:	V4.0
Hardware Version:	V0.45
Software Version:	V0.70

4.2 Details of E.U.T.

Operation Frequency:	2402~2480MHz
Max. RF output power:	-2.71dBm
Type of Modulation:	GFSK
Antenna installation:	PCB printed antenna
Antenna Gain:	0dBi
Ratings:	Input: 5V, 2A Max
Battery:	3.7V 2000mAh

4.3 Channel List

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	1	2404	2	2406	3	2408
4	2410	5	2412	6	2414	7	2416
8	2418	9	2420	10	2422	11	2424
12	2426	13	2428	14	2430	15	2432
16	2434	17	2436	18	2438	19	2440
20	2442	21	2444	22	2446	23	2448
24	2450	25	2452	26	2454	27	2456
28	2458	29	2460	30	2462	31	2464
32	2466	33	2468	34	2470	35	2472
36	2474	37	2476	38	2478	39	2480

4.4 Test Facility

The test facility has a test site registered with the following organizations:

ISED CAB identifier: CN0013. Test Firm Registration No.: 7760A.

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files. Registration number 7760A, October 15, 2016.

FCC Designation No.: CN1201. Test Firm Registration No.: 523476.

Waltek Testing Group Co., Ltd. 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 number 523476, September 10, 2019.

5 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	2.1093	PASS

6 RF Exposure

Test Requirement: FCC Part 2.1093

Test Mode: The EUT work in test mode(Tx).

6.1 Procedures and Requirements

According to § 15.247 (i) and § 1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

Routine SAR evaluation refers to that specifically required by § 2.1093, using measurements or computer simulation. When routine SAR evaluation is not required, portable transmitters with output power greater than the applicable low threshold require SAR evaluation to qualify for TCB approval.

6.2 Calculation Method

FCC Part 2.1093:

result = $P\sqrt{F}/D$

P= Maximum turn-up power in mW

F= Channel frequency in GHz

D= Minimum test separation distance in mm

6.3 Test Result

FCC Part 2.1093:

A distance of 5mm normally can be maintained between the user and the device.

Modulation	CH	Freq. (GHz)	Conducted Power (dBm)	Tune-up Power (dBm)	Max. tune-up Power (dBm)	Max. tune-up Power (mW)	Result	Limit
GFSK	Low	2.402	-2.71	-2.71 ±1.0	-1.71	0.675	0.21	3
GFSK	Mid	2.441	-4.55	-4.55 ±1.0	-3.55	0.442	0.14	3
GFSK	High	2.480	-6.71	-6.71 ±1.0	-5.71	0.269	0.08	3

Conclusion:

No SAR measurement is required.

======End of Report======