

FCC TEST REPORT

On Behalf of

Shenzhen Ouxila Technology Co., Ltd

Product Name: Romantic One Pod

Trademark: Romantic One

Model Number: Taro ice cream, 100% Drink, Banana Ice.

Prepared For: Shenzhen Ouxila (v m o d a v a p e) Technology Co., Ltd

Address: R305, building E, Fuhai Cultural Innovation Park, Fuyong street, Bao'an District, Shenzhen

Prepared By: KCT Technology(Guangdong) Co., Ltd.

Address: Room 1005, Shifeng Building, No. 1, Villa Road, Xinzhuang Community, Matian Street, Guangming District Shenzhen, China

Test Date: Feb. 09, 2022 - Feb. 18, 2022

Date of Report : Feb. 18, 2022

Report Number: KCT2202170197

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KCT Technology(Guangdong) Co., Ltd.

Applicant : Shenzhen Ouxila Technology Co., Ltd
Address : R305, building E, Fuhai Cultural Innovation Park, Fuyong street,
Bao'an District, Shenzhen
Manufacturer : Shenzhen Ouxila Technology Co., Ltd
Address : R305, building E, Fuhai Cultural Innovation Park, Fuyong street,
Bao'an District, Shenzhen
Product Name : Romantic One Pod
Model Number : Taro ice cream
Trademark : Romantic One
Test Date : Feb. 09, 2022 - Feb. 18, 2022
Date of Report : Feb. 18, 2022
Test Result : The equipment under test was found to be compliance with the
requirements of the standards applied.

Test Procedure Used:

FCC Part 15 Subpart B
ANSI C63.4:2019

Prepared by(Test Engineer):
Mason



Reviewer(Supervisor):
Lucas



Approved(Manager):
Thomas



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1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT : Romantic One Pod
Trademark : Romantic One
Model Number : Taro ice cream
Model Difference : The product is different for model name and outlook color.
Power Supply : DC3V 8.5W
Work Frequency : Below 108MHz

Note:

- 1) EUT: Equipment under test
- 2) Taro ice cream was selected as the test model and the datas have been recorded in this report.

1.2. Tested System Details

Personal Computer	: DELL	Monitor	: SONY
M/N	: INSPIRON	M/N	: MNT1
Printer	: EPSON STYLUS	Keyboard (USB)	: Genuine
M/N	: P320A	M/N	: N/A
Modem	: ACEEX	Mouse	: DETROIS
M/N	: DM-1414	M/N	: CM309

1.3. Test Uncertainty

Conducted Emission Uncertainty : ± 2.48 dB
Radiated Emission Uncertainty : ± 4.14 dB

1.4. Test Facility

Site Description

Name of Firm : KCT Technology(Guangdong) Co., Ltd.

Site Location : Room 1005, Shifeng Building, No. 1, Villa Road, Xinzhuang Community, Matian Street, Guangming District Shenzhen, China

2. TEST INSTRUMENT USED

2.1 CONDUCTED TEST SITE

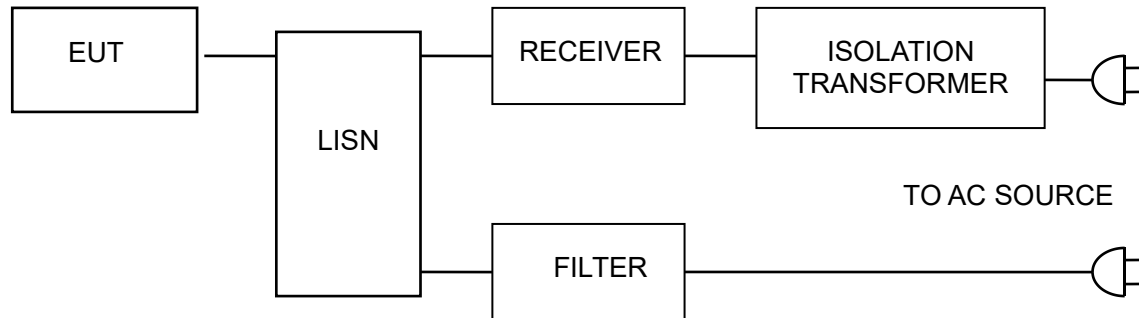
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	R&S	ENV216	101313	Nov. 07, 2022
2	LISN	EMCO	3816/2	00042990	Nov. 07, 2022
3	50Ω Switch	ANRITSU CORP	MP59B	6200983704	Nov. 07, 2022
4	EMI Test Receiver	R&S	ESCI	101160	Nov. 07, 2022
5	Passive Voltage Probe	ESH2-Z3	R&S	100196	Nov. 07, 2022
6	Triple-Loop Antenna	EVERFINE	LIA-2	11020003	Nov. 07, 2022
7	Absorbing Clamp	R&S	MDS-21	100423	Nov. 07, 2022
8	Coupling/ Decoupling Network	PH	ISN T800	S1509001	Nov. 07, 2022

2.2 RADIATED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Bilog Antenna	TESEQ	CBL6111D	31216	Nov. 07, 2022
2	EMI Test Receiver	R&S	ESCI-7	101318	Nov. 07, 2022
3	Antenna Mast	EM	SC100_1	N/A	Nov. 07, 2022
4	50Ω Switch	Anritsu Corp	MP59B	6200983705	Nov. 07, 2022
5	Spectrum Analyzer	Aglient	E4407B	MY45108040	Nov. 07, 2022
6	Horn Antenna	EM	EM-AH-1018 0	2011071402	Nov. 07, 2022
7	Amplifier	EM	EM-30180	060538	Nov. 07, 2022

3. CONDUCTED EMISSION AT THE MAINS TERMINALS TEST

3.1. Block Diagram Of Test Setup



3.2. Test Standard

FCC PART 15 Subpart B

3.3. Power Line Conducted Emission Limit

Frequency MHz	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

3.4. EUT Configuration on Test

The following equipments are installed on conducted emission test to meet FCC PART 15 Subpart B requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

3.5. Operating Condition of EUT

3.5.1 Setup the EUT and simulators as shown in Section 3.1.

3.5.2 Turn on the power of all equipments.

3.5.3 Let the EUT work in test modes and test it.

3.6. Test Procedure

The EUT is put on the ground and connected to the AC mains through a Artificial Mains Network (AMN). This provided a 50ohm coupling impedance for the tested equipments. Both sides of AC line are checked to find out the maximum conducted emission levels according to the **FCC PART 15 Subpart B** regulations during conducted emission test.

The bandwidth of the test receiver (R&S Test Receiver ESCI) is set at 10KHz.

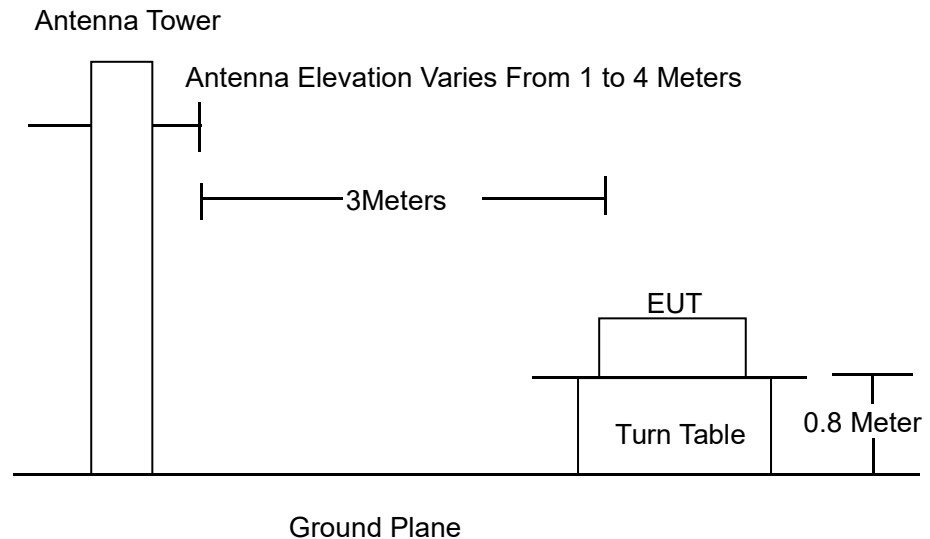
The frequency range from 150 KHz to 30 MHz is investigated.

3.7. Test Result

The product's power provide by DC, no requirement for this item.

4. RADIATION EMISSION TEST

4.1. Block Diagram of Test Setup



4.2. Test Standard

FCC PART 15 Subpart B

4.3. Radiation Limit

Frequency MHz	Distance (Meters)	Field Strengths Limits dB(μ V)/m
30 ~ 88	3	40.0
88 ~ 216	3	43.5
216 ~ 960	3	46.0
960 ~ 1000	3	54.0

4.4. EUT Configuration on Test

The FCC PART 15 Subpart B regulations test method must be used to find the maximum emission during radiated emission test.

The configuration of EUT is the same as used in conducted emission test. Please refer to Section 2.2.

4.5. Operating Condition of EUT

Same as conducted emission test, which is listed in Section 2.2 except the test set up replaced as Section 4.1.

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4.6. Test Procedure

The EUT and its simulators are placed on a turned table that is 0.8 meter above the ground. The turned table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna that is mounted on the antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated biconical and log periodical antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on test. In order to find the maximum emission levels, the interface cable must be manipulated according to FCC PART 15 Subpart B on radiated emission test. The bandwidth setting on the field strength meter (R&S Test Receiver ESCI) is set at 120KHz below 1GHz, set at 1MHz above 1GHz. The frequency range from 30MHz to 1000MHz is checked.

4.7. Test Result

PASS

Please refer to the following page.

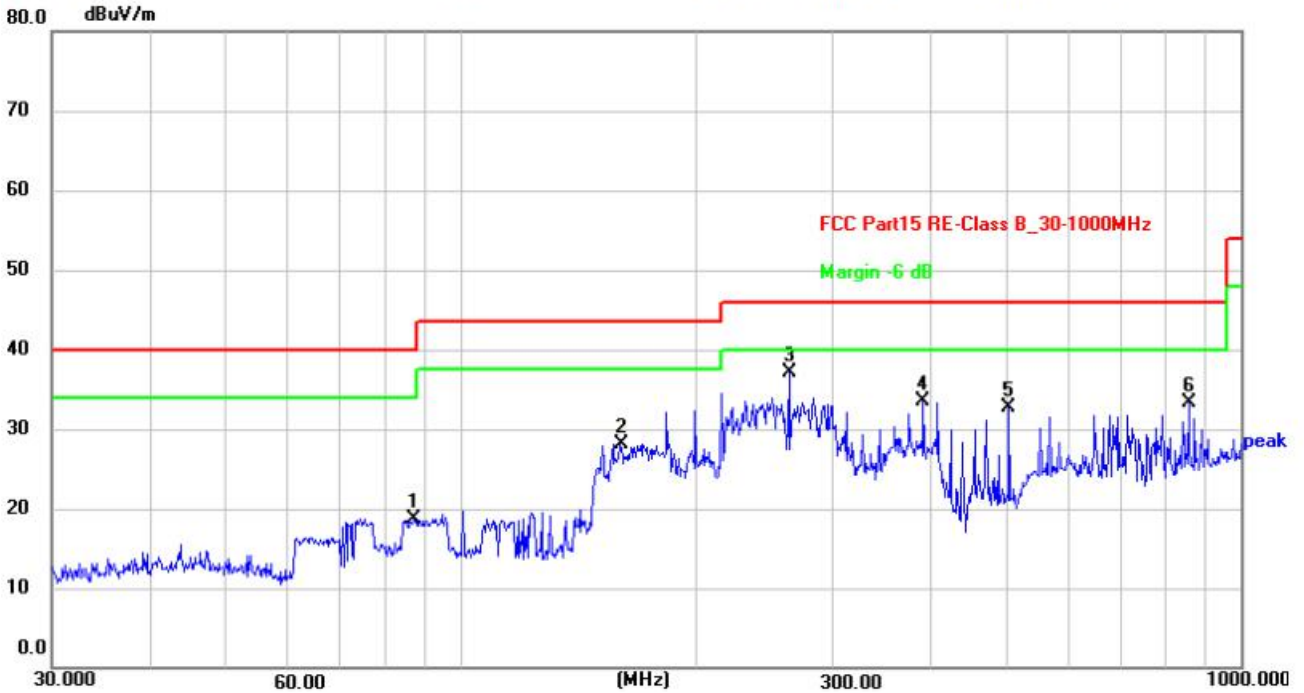
Radiation Emission Test Data			
Temperature:	24.8 °C	Relative Humidity:	55%
Pressure:	1008hPa	Phase :	Horizontal
Test Voltage :	DC3V	Test Mode:	ON Mode

File :2022

Data #6

Date: 2022/01/19

Time: 10:54:30



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	87.1115	38.51	-19.82	18.69	40.00	-21.31	peak	100	174	P	
2	160.3455	43.35	-15.21	28.14	43.50	-15.36	peak	100	86	P	
3 *	263.8190	52.78	-15.74	37.04	46.00	-8.96	peak	100	181	P	
4	392.0950	45.76	-12.24	33.52	46.00	-12.48	peak	100	0	P	
5	504.7062	42.45	-9.75	32.70	46.00	-13.30	peak	100	49	P	
6	857.0245	36.70	-3.42	33.28	46.00	-12.72	peak	100	41	P	

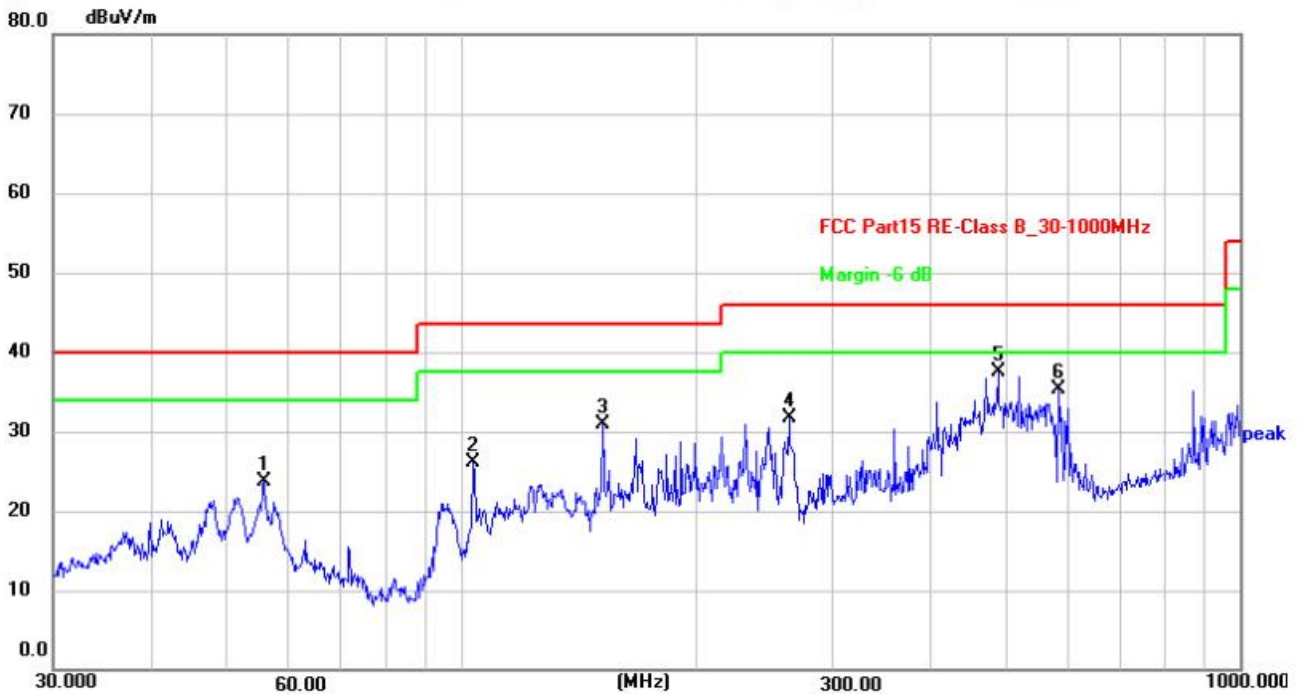
Radiation Emission Test Data			
Temperature:	24.8 °C	Relative Humidity:	55%
Pressure:	1008hPa	Phase :	Vertical
Test Voltage :	DC3V	Test Mode:	ON Mode

File :2022

Data #5

Date: 2022/01/19

Time: 10:52:53



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	56.0007	39.66	-15.89	23.77	40.00	-16.23	peak	100	96	P	
2	103.8054	44.64	-18.53	26.11	43.50	-17.39	peak	100	61	P	
3	152.1297	46.22	-15.36	30.86	43.50	-12.64	peak	100	192	P	
4	263.8190	47.46	-15.74	31.72	46.00	-14.28	peak	100	249	P	
5 *	489.0267	47.69	-10.10	37.59	46.00	-8.41	peak	100	192	P	
6	584.7894	43.04	-7.78	35.26	46.00	-10.74	peak	100	199	P	

5. PHOTOGRAPHS

Photo 1

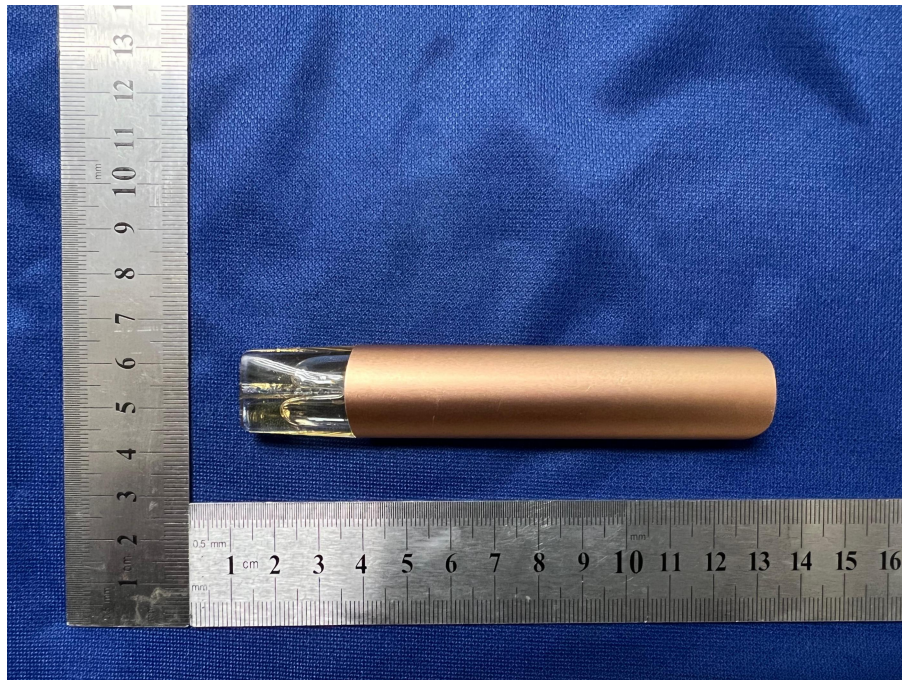


Photo 2



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Photo 3



Photo 4

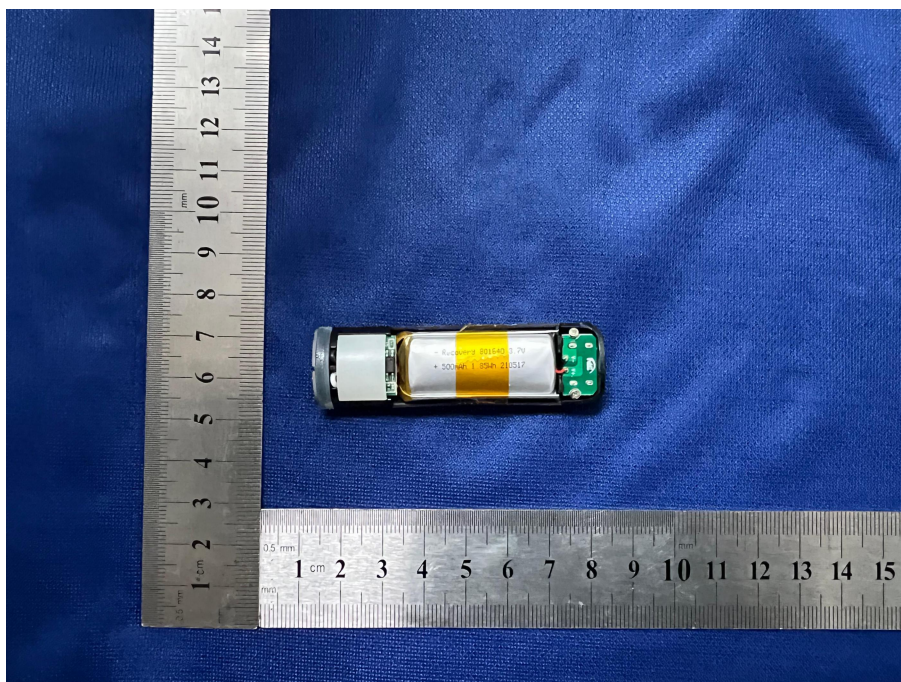
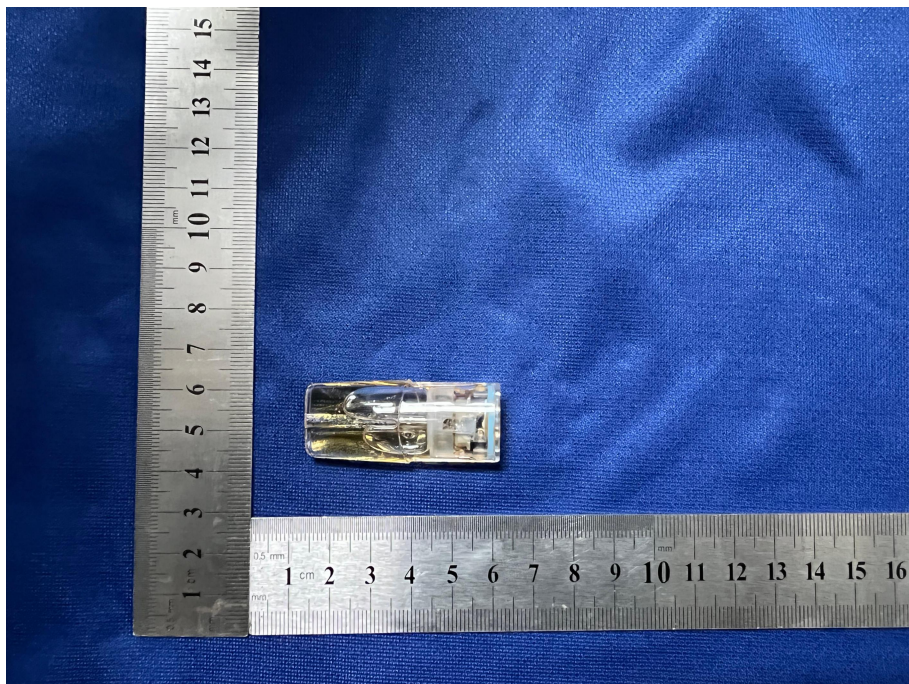


Photo 5



Photo 6



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

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