



(Verification of Conformity)

Of

FCC Part 15B

Measurement and Test Report

For

MAYMOM LLC

No 20-7, Aly 19, LN 333 Chungcheng RD, Zhunan Miao-Li County, Taiwan

Prepared by

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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen Bory Technology Service Co., Ltd.

TEST RESULT CERTIFICATION

Tested by (+ signature) Sky Xiao

Compiled by (+ signature) Fly Li

Approved by (+ signature) Konstan Kang

Applicant's name : MAYMOM LLC

Address : No 20-7, Aly 19, LN 333 Chungcheng RD, Zhunan Miao-Li County,
Taiwan

Manufacturer's Name : MAYMOM LLC

Address : No 20-7, Aly 19, LN 333 Chungcheng RD, Zhunan Miao-Li County,
Taiwan

Product description

Product name : 9V DC CAR CHARGER

Trade Mark..... : Maymom

Model and/or type reference : M009-cc-9V2A

Test specification:

Standards : FCC Part 15 Subpart B

This device described above has been tested by Bory, and the test results show that the equipment under test (EUT) is in compliance with Part 15B of FCC Rules. And it is applicable only to the tested sample identified in the report.

Date of Test..... :

Date (s) of performance of tests..... : Mar. 01, 2016 ~ Mar. 08, 2016

Date of Issue : Mar. 09, 2016

Test Result : **Pass**

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

General Description of EUT	
Product N3ame:	9V DC CAR CHARGER
Model No.:	M009-cc-9V2A
Adding Model(s):	/
Note: /	

Technical Characteristics of EUT	
Rated Voltage:	DC 12-24V
Rated Current:	2A
Rated Power:	/
Output:	9VDC/2A
Classification of ITE:	Class B

1.2 Test Standards

The following report is prepared on behalf of the MAYMOM LLC in accordance with Part 2, Subpart J, and Part 15, Subparts A and B of the Federal Communication Commissions rules.

The objective is to determine compliance with FCC Part 15, Subpart B, and section 15.205, 15.107, and 15.109 rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2003, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

1.4 EUT Setup and Operation Mode

The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted according to the operation manual for use, more detailed description as follows:

Test Mode List:

Test Mode	Description	Remark
TM1	Loading	/

EUT Cable List and Details

Cable Description	Length (M)	Shielded/Unshielded	With Core/Without Core
/	/	/	/

Auxiliary Equipment List and Details

Description	Manufacturer	Model	Serial Number
Resistance	/	/	/

Special Cable List and Details

Cable Description	Length (M)	Shielded/Unshielded	With Core/Without Core
/	/	/	/

2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§15.107 (a)	Conducted Emissions	N/A
§15.109 (a)	Radiated Emissions	Compliant

N/A: not applicable

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3. Radiated Emissions

3.1 Measurement Uncertainty

Base on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of any radiation emissions measurement is ± 5.10 dB.

3.2 Test Equipment List and Details

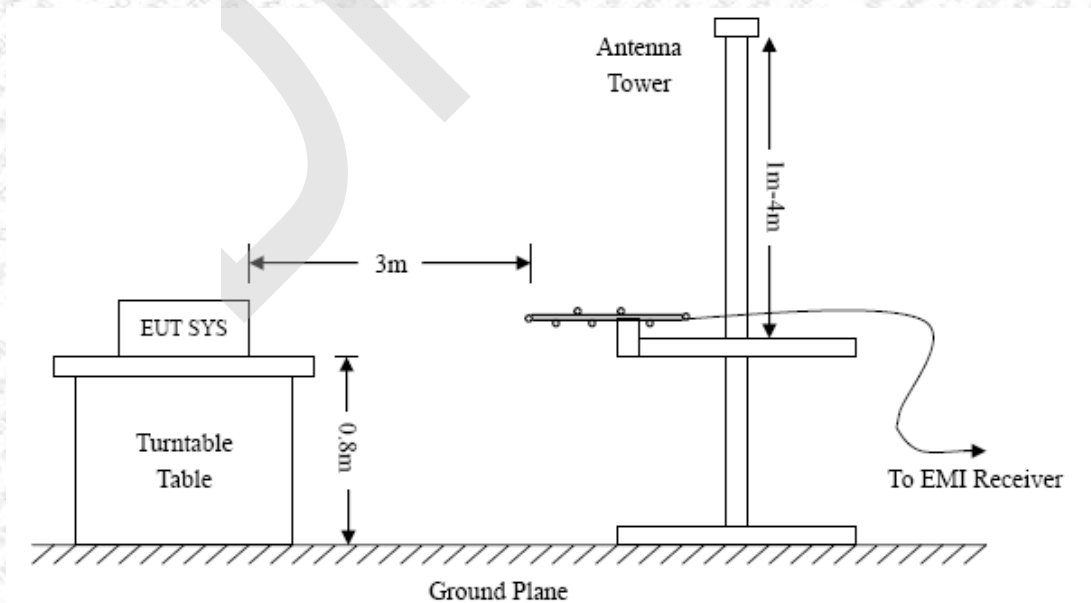
Description	Manufacturer	Model	Serial Number	Cal. Date	Due. Date
Spectrum Analyzer	R&S	FSP	836079/035	2016-04-21	2017-04-20
EMI Test Receiver	R&S	ESVB	825471/005	2016-04-21	2017-04-20
Pre-amplifier	Agilent	8447F	3113A06717	2016-04-21	2017-04-20
Pre-amplifier	Compliance Direction	PAP-0118	24002	2016-04-21	2017-04-20
Trilog Broadband Antenna	SCHWARZBECK	VULB9163	9163-333	2016-04-21	2017-04-20
Horn Antenna	ETS	3117	00086197	2016-04-21	2017-04-20
Loop Antenna	SCHWARZECK	HFRA 5165	9365	2016-04-21	2017-04-20

3.3 Test Procedure

The setup of EUT is according with per ANSI C63.4-2003 measurement procedure. The specification used was with the FCC Part 15.109 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.



3.4 Test Receiver Setup

Frequency :9kHz-30MHz

RBW=10KHz,

VBW =30KHz

Sweep time= Auto

Trace = max hold

Detector function = peak

AV

Frequency :30MHz-1GHz

RBW=120KHz,

VBW=300KHz

Sweep time= Auto

Trace = max hold

Detector function = peak, QP

Frequency :Above 1GHz

RBW=1MHz,

VBW=3MHz(Peak), 10Hz(AV)

Sweep time= Auto

Trace = max hold

Detector function = peak,

3.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and the Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} - \text{Corr. Factor}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of $-6\text{dB}\mu\text{V}$ means the emission is $6\text{dB}\mu\text{V}$ below the maximum limit for a Class B device. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{FCC Part 15.109(a) Limit}$$

3.6 Environmental Conditions

Temperature:	25 °C
Relative Humidity:	56 %
ATM Pressure:	1011 mbar

3.7 Summary of Test Results/Plots

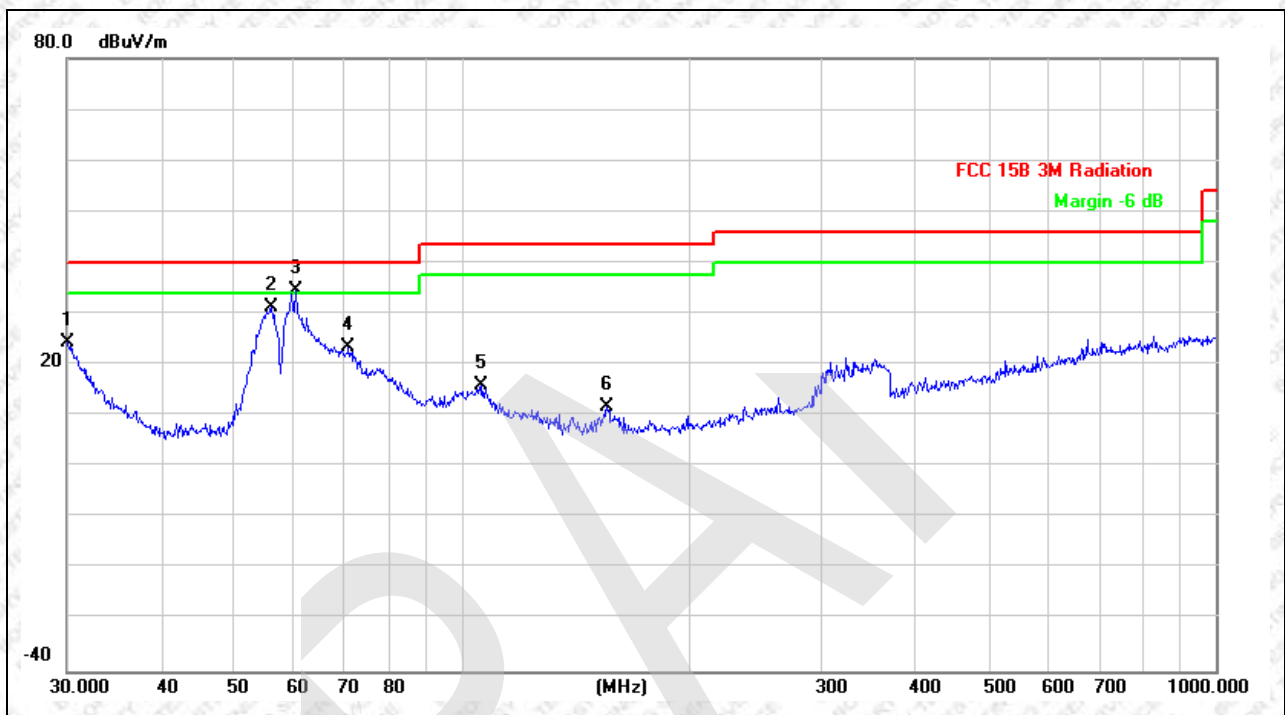
According to the data, the EUT complied with the FCC Part 15.109(a) rule, and had the worst margin of:

-15.03 dB at 768.7482 MHz in the Vertical polarization, 30MHz to 1 GHz, 3Meters

Plot of Radiated Emissions Test Data

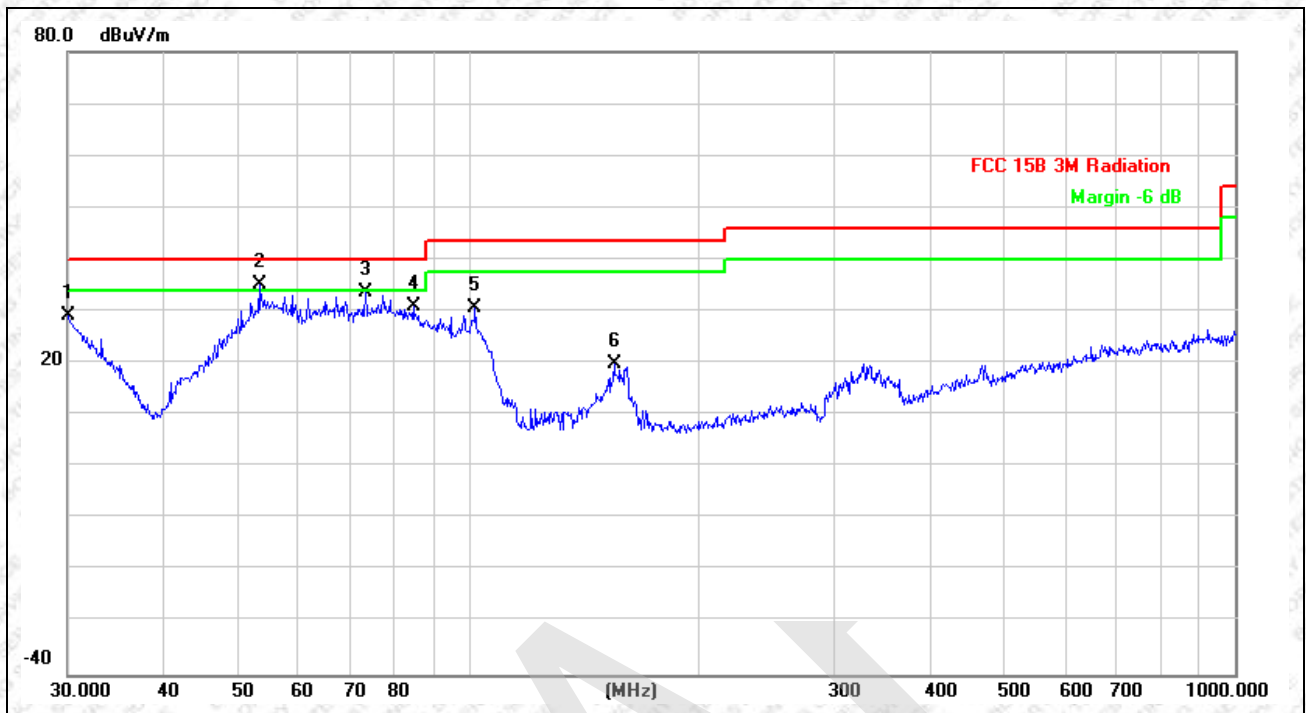
EUT: 9V DC CAR CHARGER
 Tested Model: M009-cc-9V2A
 Operating Condition: TM1
 Comment: 12VDC

Test Specification: Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		30.1054	38.67	-14.22	24.45	40.00	-15.55			peak
2		56.0007	55.80	-24.56	31.24	40.00	-8.76			peak
3	*	60.2801	59.13	-24.59	34.54	40.00	-5.46			peak
4		70.8315	47.15	-23.66	23.49	40.00	-16.51			peak
5		106.3850	37.94	-21.85	16.09	43.50	-27.41			peak
6		155.9101	32.25	-20.58	11.67	43.50	-31.83			peak

Test Specification: Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		30.0000	43.34	-14.15	29.19	40.00	-10.81			peak
2	*	53.3179	59.65	-24.54	35.11	40.00	-4.89			peak
3		73.3593	57.09	-23.57	33.52	40.00	-6.48			peak
4		84.7018	53.98	-23.06	30.92	40.00	-9.08			peak
5		102.0014	52.40	-21.85	30.55	43.50	-12.95			peak
6		154.8204	40.46	-20.65	19.81	43.50	-23.69			peak

EXHIBIT 1- PRODUCT LABELING

Proposed FCC Label Format

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Specifications: Text is Black in color and is justified. Labels are printed in indelible ink on permanent adhesive backing or silk-screened onto the EUT or shall be affixed at a conspicuous location on the EUT. Where the EUT is constructed in two or more sections connected by wires and marketed together, the above statement is required to be affixed only to the main control unit. When the EUT is so small or for such use that it is not practicable to place the statement on it, the above information shall be placed in a prominent location in the instruction manual or pamphlet supplied to the user or, alternatively, shall be placed on the container in which the device is marketed.

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EXHIBIT 2 - EUT PHOTOGRAPHS

EUT View 1



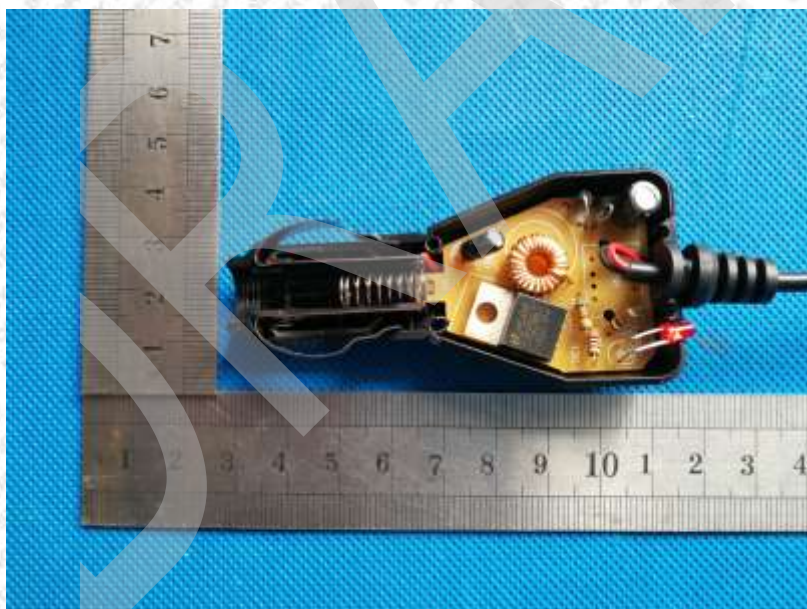
EUT View 2



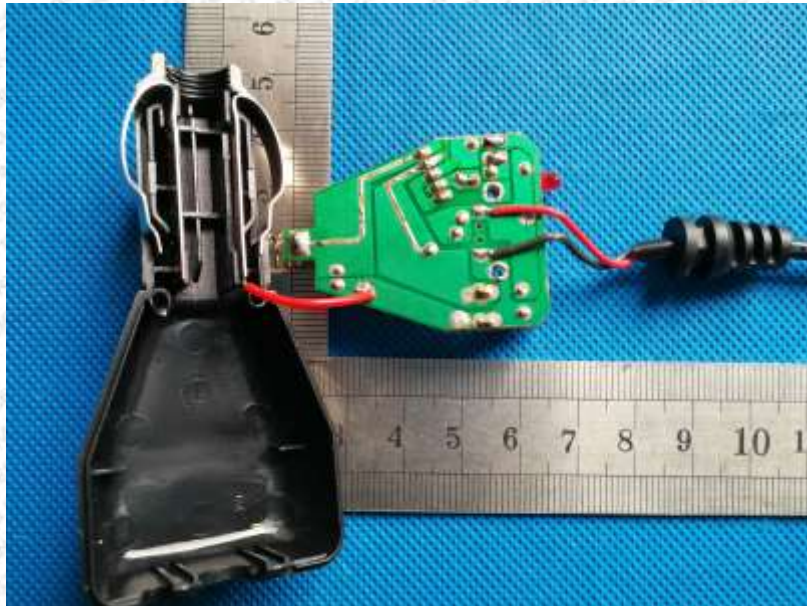
EUT Housing and Board View



Solder Board-Component View 1



Solder Board-Component View 2



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EXHIBIT 3 - TEST SETUP PHOTOGRAPHS

Radiation Emission Test View



EXHIBIT 4 - USERS MANUAL

Information to Users

According to the FCC Part 15.19, 15.21 rule, for this EUT, the instructions or operation manual furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

FCC Caution

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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