



TEST REPORT

Product Omnicharge Pro

Trade mark N/A

Model/Type reference Omni₂₀

Serial number N/A

FCC ID 2AJ8J-23

Report number : EED321002697

Date Dec. 05, 2016

See below Regulations

| Test Standards | Results |
|----------------|---------|
| | PASS |

Prepared for:

Tianjin Synergy Groups Co.,Ltd Building 3, No. 36 Huaming Road, Dongli District, Tianjin, China

Prepared by:

Centre Testing International Group Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

> TEL: +86-755-3368 3668 FAX: +86-755-3368 3385

ompiled Report Seal

Reviewed by:

Date:

Dec. 05, 2016

Sheek Luo

Lab supervisor

Check No.: 2448730188



Report No.: EED32I002697 Page 2 of 32

TABLE OF CONTENTS

| 1. GENERAL INFORMATION | ••••• | •••••• | ••••• | 3 |
|--|--------|--------|--------|----|
| 2. TEST SUMMARY | •••••• | ••••• | ••••• | 3 |
| 3. PRODUCT INFORMATION | | | | |
| 4. MEASUREMENT UNCERTAINTY | ••••• | | ••••• | 3 |
| 5. TEST EQUIPMENT LIST | ••••• | ••••• | ••••• | 4 |
| 6. SUPPORT EQUIPMENT LIST7. AC CONDUCTED EMISSION TEST | | | | |
| 7.1. LIMITS | ••••• | ••••• | ••••• | 6 |
| 7.2. BLOCK DIAGRAM OF TEST SETUP | | | | |
| 7.3. PROCEDURE OF CONDUCTED EMISSION TEST | | | | |
| 7.4. GRAPHS AND DATA | ••••• | ••••• | •••••• | 7 |
| B. RADIATED EMISSION MEASUREMENT | | | | 11 |
| 8.1. LIMITS | | ••••• | | 11 |
| 8.2. BLOCK DIAGRAM OF TEST SETUP | ••••• | ••••• | ••••• | 11 |
| 8.3. TEST PROCEDURE | ••••• | ••••• | | 12 |
| 8.4. TEST RESULT | | | ••••• | 13 |
| APPENDIX 1 PHOTOGRAPHS OF TEST SETUP | | | | 19 |
| APPENDIX 2 PHOTOGRAPHS OF EUT | | | | 21 |
| N/A means not applicable. | | | | |















Report No. : EED32I002697 Page 3 of 32

1. GENERAL INFORMATION

Applicant: Tianjin Synergy Groups Co.,Ltd

Building 3, No. 36 Huaming Road, Dongli District, Tianjin, China

Manufacturer: Tianjin Synergy Groups Co.,Ltd

Building 3, No. 36 Huaming Road, Dongli District, Tianjin, China

Factory: Tianjin Synergy Groups Co.,Ltd

Building 3, No. 36 Huaming Road, Dongli District, Tianjin, China

FCC ID: 2AJ8J-23

Product: Omnicharge Pro

Trade mark: N/A

Model/Type reference: Omni20

Serial Number: N/A

Report Number: EED32l002697

Sample Received Date: Oct. 14, 2016

Sample tested Date: Oct. 14, 2016 to Dec. 02, 2016

The above equipment was tested by Centre Testing International Group Co., Ltd. for compliance with the requirements set forth in the FCC Rules and the measurement procedure according to ANSI C63.10:2013.

2. TEST SUMMARY

| No. | Test Item | Rule | Test Result | | | |
|-----|--------------------|------------|-------------|--|--|--|
| 1 | Conducted Emission | FCC 15.207 | PASS | | | |
| 2 | Radiated Emission | FCC 15.209 | PASS | | | |

3. PRODUCT INFORMATION

| Items | Desc | ription |
|--------------------|----------------------|---------|
| Rating | AC 100-240V, 50/60Hz | |
| Antenna Type | Coil antenna | (*> |
| Operated frequency | 111~205KHz | (6) |

4. MEASUREMENT UNCERTAINTY

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

| Measurement items | Uncertainty |
|-------------------------|-------------|
| Conducted Emission Test | 3.4 dB |
| Radiated Emissions | 5.3 dB |







5. TEST EQUIPMENT LIST

| | | Radiated Emis | ssion | | | |
|--|-------------------|------------------------------|------------------|---------------------------|-------------------------------|--|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) | |
| 3M Chamber & Accessory Equipment | TDK | SAC-3 | | 06-05-2016 | 06-05-2019 | |
| TRILOG Broadband Antenna | SCHWARZBECK | VULB9163 | 9163-484 | 05-23-2016 | 05-22-2017 | |
| Microwave Preamplifier | Agilent | 8449B | 3008A02425 | 02-04-2016 | 02-03-2017 | |
| Horn Antenna | ETS-LINDGREN | 3117 | 00057407 | 07-20-2015 | 07-18-2018 | |
| Loop Antenna | ETS | 6502 | 00071730 | 07-30-2015 | 07-28-2017 | |
| Spectrum Analyzer | R&S | FSP40 | 100416 | 06-16-2016 | 06-15-2017 | |
| Receiver | R&S | ESCI | 100435 | 06-16-2016 | 06-15-2017 | |
| Multi device Controller | maturo | NCD/070/10711112 | | 01-12-2016 | 01-11-2017 | |
| LISN | schwarzbeck | NNBM8125 | 81251547 | 06-16-2016 | 06-15-2017 | |
| LISN | schwarzbeck | NNBM8125 | 81251548 | 06-16-2016 | 06-15-2017 | |
| Signal Generator | Agilent | E4438C | MY45095744 | 04-01-2016 | 03-31-2017 | |
| Signal Generator | Keysight | E8257D | MY53401106 | 04-01-2016 | 03-31-2017 | |
| Temperature/ Humidity Indicator | TAYLOR | 1451 | 1905 | 04-27-2016 | 04-26-2017 | |
| Cable line | Fulai(7M) | SF106 | 5219/6A | 01-12-2016 | 01-11-2017 | |
| Cable line | Fulai(6M) | SF106 | 5220/6A | 01-12-2016 | 01-11-2017 | |
| Cable line | Fulai(3M) | SF106 | 5216/6A | 01-12-2016 | 01-11-2017 | |
| Cable line | Fulai(3M) | SF106 | 5217/6A | 01-12-2016 | 01-11-2017 | |
| High-pass filter | Sinoscite | FL3CX03WG18NM1 2-0398-002 | | 01-12-2016 | 01-11-2017 | |
| High-pass filter | MICRO-TRONIC S | SPA-F-63029-4 | | 01-12-2016 | 01-11-2017 | |
| band rejection filter | Sinoscite | FL5CX01CA09CL12 -0395-001 | | 01-12-2016 | 01-11-2017 | |
| band rejection filter | Sinoscite | FL5CX01CA08CL12 -0393-001 | | 01-12-2016 | 01-11-2017 | |
| band rejection filter | Sinoscite | FL5CX02CA04CL12 -0396-002 | | 01-12-2016 | 01-11-2017 | |
| band rejection filter | Sinoscite | FL5CX02CA03CL12 -0394-001 | | 01-12-2016 | 01-11-2017 | |



















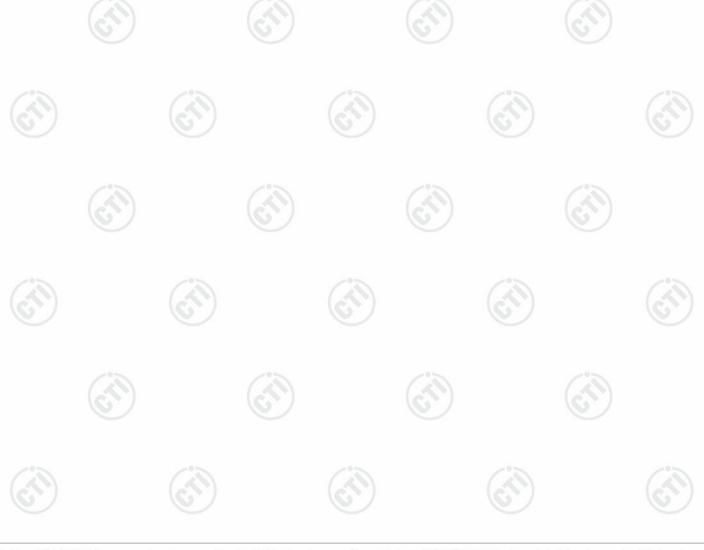


Report No. : EED32I002697 Page 5 of 32

| Conducted disturbance Test | | | | | | | | | | | | |
|---------------------------------|--------------|-----------|------------------|---------------------------|-------------------------------|--|--|--|--|--|--|--|
| Equipment | Manufacturer | Model No. | Serial Number | Cal. date (mm-dd-yyyy) | Cal. Due date (mm-dd-yyyy) | | | | | | | |
| Receiver | R&S | ESCI | 100009 | 06-16-2016 | 06-15-2017 | | | | | | | |
| Temperature/ Humidity Indicator | TAYLOR | 1451 | 1905 | 04-27-2016 | 04-26-2017 | | | | | | | |
| LISN | R&S | ENV216 | 100098 | 06-16-2016 | 06-15-2017 | | | | | | | |
| LISN | schwarzbeck | NNLK8121 | 8121-529 | 06-16-2016 | 06-15-2017 | | | | | | | |
| Voltage Probe | R&S | ESH2-Z3 | (3) | 07-09-2014 | 07-07-2017 | | | | | | | |
| Current Probe | R&S | EZ17 | 100106 | 06-16-2016 | 06-15-2017 | | | | | | | |

6. SUPPORT EQUIPMENT LIST

| Device Type | Brand | Model | Series No. | Data Cable | Remark |
|--------------|-------|-------|------------|------------|---------|
| Mobile phone | MEIZU | Y685Q | (4) | (3) | FCC DOC |
| | | | | | |





Report No. : EED32I002697 Page 6 of 32

7. AC CONDUCTED EMISSION TEST

7.1. LIMITS

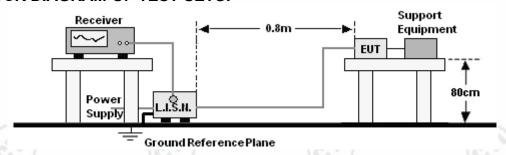
Limits for Class B digital devices

| Frequency range | Limits dB | |
|-----------------|------------|----------|
| (MHz) | Quasi-peak | Average |
| 0,15 to 0,50 | 66 to 56 | 56 to 46 |
| 0,50 to 5 | 56 | 46 |
| 5 to 30 | 60 | 50 |

NOTE: 1. The lower limit shall apply at the transition frequencies.

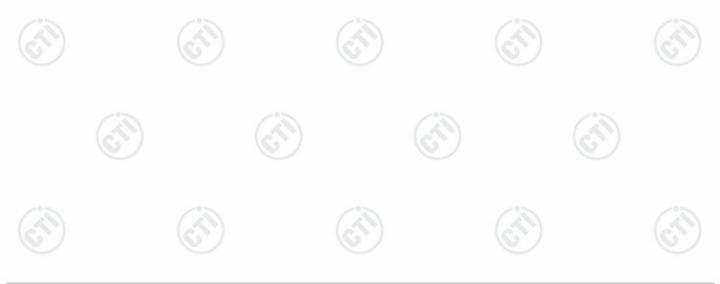
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 to 0.50 MHz.

7.2. BLOCK DIAGRAM OF TEST SETUP



7.3. PROCEDURE OF CONDUCTED EMISSION TEST

- a. The Product was placed on a nonconductive table above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).
- b. The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak and AVG detector in Max Hold mode. Run the receiver's pre-scan to record the maximum disturbance generated from Product in all power lines in the full band.
- c. For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.





Page 7 of 32

7.4. GRAPHS AND DATA

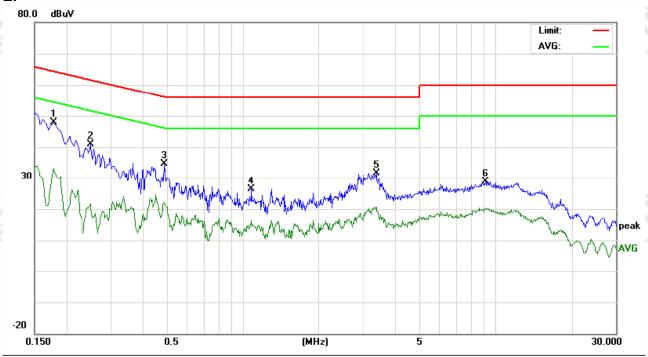
Product : Omnicharge ProPower : AC 120V/60Hz

Mode : Charging

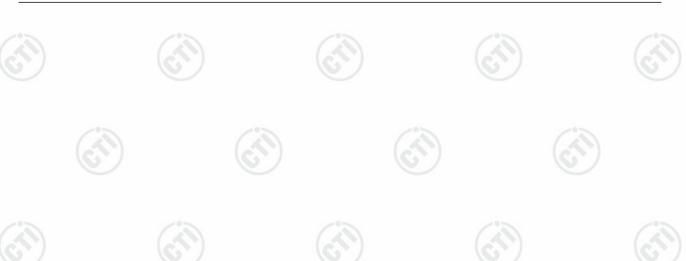
Model/Type reference: Omni20Temperature: 22°

Humidity : 53%

L:



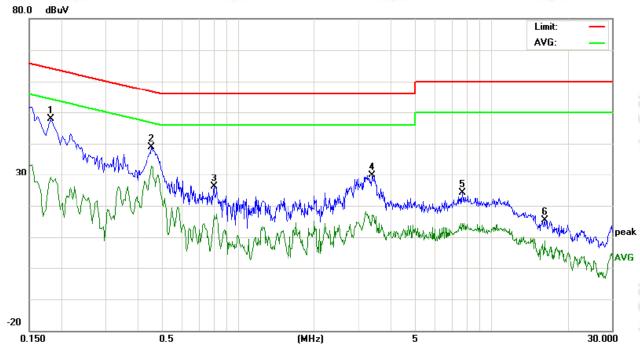
| | F | 3 | | | Correct | N | Measurement | | | Limit | | Margin | | |
|-----|--------|-------|-------|-------|---------|-------|-------------|-------|--------|-------|--------|--------|-----|---------|
| NO. | Freq. | (0 | dBuV) | | Factor | | (dBuV) | | (dBuV) | | (dB) | | | |
| 4 | MHz | Peak | QP | AVG | dB | peak | QP | AVG | QP | AVG | QP | AVG | P/F | Comment |
| 1 | 0.1780 | 37.98 | | 23.34 | 9.80 | 47.78 | | 33.14 | 64.57 | 54.57 | -16.79 | -21.43 | Р | |
| 2 | 0.2500 | 31.14 | | 11.89 | 9.80 | 40.94 | | 21.69 | 61.75 | 51.75 | -20.81 | -30.06 | Р | |
| 3 | 0.4900 | 24.62 | | 12.13 | 9.90 | 34.52 | | 22.03 | 56.17 | 46.17 | -21.65 | -24.14 | Р | |
| 4 | 1.0859 | 16.63 | | 5.86 | 9.73 | 26.36 | | 15.59 | 56.00 | 46.00 | -29.64 | -30.41 | Р | |
| 5 | 3.3980 | 21.67 | | 10.51 | 10.00 | 31.67 | | 20.51 | 56.00 | 46.00 | -24.33 | -25.49 | Р | |
| 6 | 9.1380 | 18.78 | | 10.41 | 10.00 | 28.78 | | 20.41 | 60.00 | 50.00 | -31.22 | -29.59 | Р | |





Page 8 of 32

N:



| No. | Freq. | Reading_Level (dBuV) | | | Correct Factor | Measurement (dBuV) | | | Limit (dBu∀) | | Margin (dB) | | | |
|-----|---------|-------------------------|----|-------|-------------------|-----------------------|----|-------|-----------------|-------|----------------|--------|-----|---------|
| | MHz | Peak | QP | AVG | dB | peak | QP | AVG | QP | AVG | QP | AVG | P/F | Comment |
| 1 | 0.1819 | 38.06 | | 19.29 | 9.80 | 47.86 | | 29.09 | 64.39 | 54.39 | -16.53 | -25.30 | Р | |
| 2 | 0.4580 | 28.87 | | 23.00 | 9.90 | 38.77 | | 32.90 | 56.73 | 46.73 | -17.96 | -13.83 | Р | |
| 3 | 0.8020 | 16.14 | | 7.00 | 9.90 | 26.04 | | 16.90 | 56.00 | 46.00 | -29.96 | -29.10 | Р | |
| 4 | 3.4140 | 19.83 | | 7.15 | 10.00 | 29.83 | | 17.15 | 56.00 | 46.00 | -26.17 | -28.85 | Р | |
| 5 | 7.7260 | 14.21 | | 4.28 | 10.00 | 24.21 | | 14.28 | 60.00 | 50.00 | -35.79 | -35.72 | Р | |
| 6 | 16.2460 | 5.30 | | -1.24 | 10.03 | 15.33 | | 8.79 | 60.00 | 50.00 | -44.67 | -41.21 | Р | |



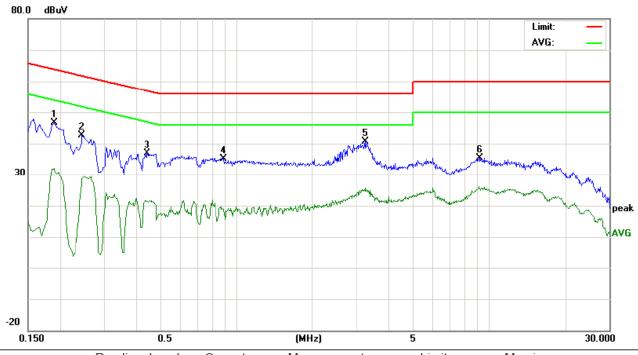




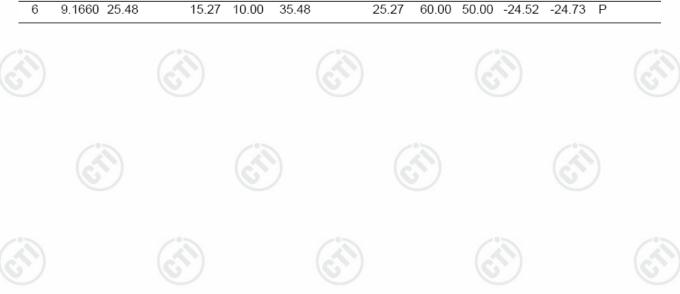
Product : Omnicharge Pro Model/Type reference : Omni20

Power : AC 240V/50Hz Temperature : 22° Mode : Charging Humidity : 53°

L:



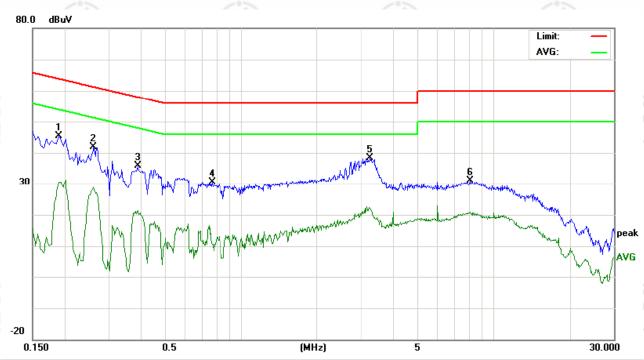
| No | . Freq. | Reading_Level (dBuV) | | | Correct Factor | | | | Limit (dBuV) | | Margin (dB) | | | |
|----|---------|-------------------------|----|-------|-------------------|-------|----|-------|-----------------|-------|----------------|--------|-----|---------|
| 4 | MHz | Peak | QP | AVG | dB | peak | QP | AVG | QP | AVG | QP | AVG | P/F | Comment |
| 1 | 0.1900 | 36.94 | | 22.24 | 9.80 | 46.74 | | 32.04 | 64.03 | 54.03 | -17.29 | -21.99 | Р | |
| 2 | 0.2460 | 32.71 | | 18.88 | 9.80 | 42.51 | | 28.68 | 61.89 | 51.89 | -19.38 | -23.21 | Р | |
| 3 | 0.4460 | 27.06 | | 11.40 | 9.90 | 36.96 | | 21.30 | 56.95 | 46.95 | -19.99 | -25.65 | Р | |
| 4 | 0.8860 | 25.35 | | 9.39 | 9.73 | 35.08 | | 19.12 | 56.00 | 46.00 | -20.92 | -26.88 | Р | |
| 5 | 3.2540 | 30.64 | | 15.57 | 10.00 | 40.64 | | 25.57 | 56.00 | 46.00 | -15.36 | -20.43 | Р | |
| 6 | 9.1660 | 25.48 | | 15.27 | 10.00 | 35.48 | | 25.27 | 60.00 | 50.00 | -24.52 | -24.73 | Р | |



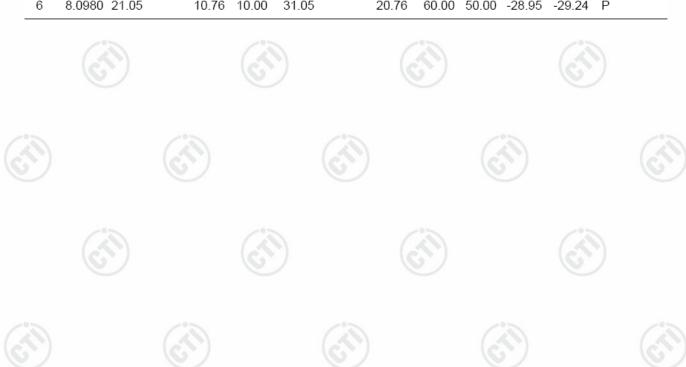


Page 10 of 32

N:



| No. | Freq. | Reading_Level req. (dBuV) | | Correct Factor | Measurement (dBuV) | | Limit (dBu∀) | | Margin (dB) | | | | | |
|-----|--------|------------------------------|----|-------------------|-----------------------|-------|-----------------|-------|----------------|-------|--------|--------|-----|---------|
| | MHz | Peak | QP | AVG | dB | peak | QP | AVG | QP | AVG | QP | AVG | P/F | Comment |
| 1 | 0.1900 | 35.54 | | 20.92 | 9.80 | 45.34 | | 30.72 | 64.03 | 54.03 | -18.69 | -23.31 | Р | |
| 2 | 0.2620 | 32.06 | | 19.10 | 9.80 | 41.86 | | 28.90 | 61.36 | 51.36 | -19.50 | -22.46 | Р | |
| 3 | 0.3899 | 26.06 | | 11.60 | 9.89 | 35.95 | | 21.49 | 58.06 | 48.06 | -22.11 | -26.57 | Р | |
| 4 | 0.7700 | 20.64 | | 0.78 | 9.90 | 30.54 | | 10.68 | 56.00 | 46.00 | -25.46 | -35.32 | Р | |
| 5 | 3.2659 | 28.43 | | 12.11 | 10.00 | 38.43 | | 22.11 | 56.00 | 46.00 | -17.57 | -23.89 | Р | |
| 6 | 8.0980 | 21.05 | | 10.76 | 10.00 | 31.05 | | 20.76 | 60.00 | 50.00 | -28.95 | -29.24 | Р | |





Report No. : EED32I002697 Page 11 of 32

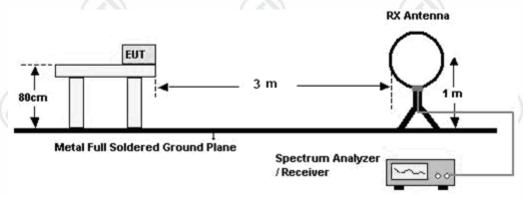
8. RADIATED EMISSION MEASUREMENT

8.1. LIMITS

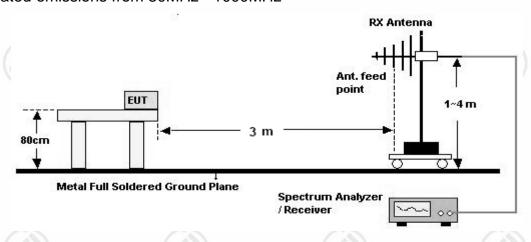
| Frequency (MHz) | Field strength (μV/m) | Distance (m) |
|-----------------|-----------------------|--------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

8.2. BLOCK DIAGRAM OF TEST SETUP

For radiated emissions from 9kHz to 30MHz



For radiated emissions from 30MHz - 1000MHz







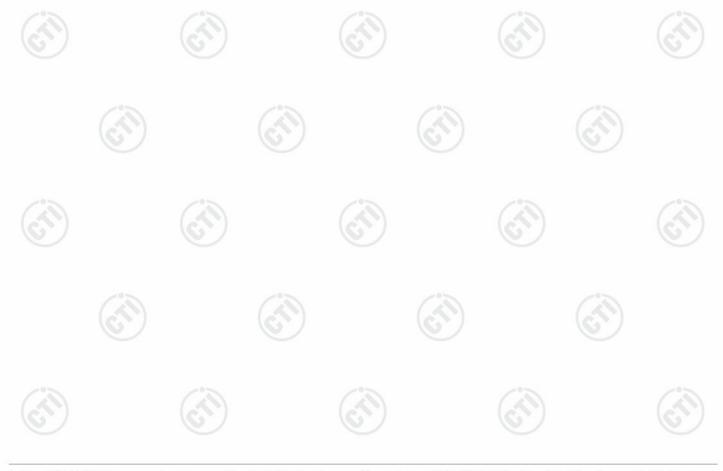
8.3. TEST PROCEDURE

Below 30MHz

- a. The Product is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna (loop antenna). The maximum values of the field strength are recorded by adjusting the polarizations of the test antenna and rotating the turntable.
- b. For each suspected emission, the Product was arranged to its worst case and then turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
- c. The test frequency analyzer system was set to Peak Detect (300Hz RBW in 9kHz to 150kHz and 10kHz RBW in 150kHz to 30MHz) Function and Specified Bandwidth with Maximum Hold Mode.

30MHz ~ 1GHz:

- a. The Product was placed on the non-conductive turntable 0.8m above the ground at a chamber.
- b. Set the spectrum analyzer/receiver in Peak detector, Max Hold mode, and 120 kHz RBW. Record the maximum field strength of all the pre-scan process in the full band when the antenna is varied between 1~4 m in both horizontal and vertical, and the turntable is rotated from 0 to 360 degrees.
- c. For each frequency whose maximum record was higher or close to limit, measure its QP value (120 kHz RBW): vary the antenna's height and rotate the turntable from 0 to 360 degrees to find the height and degree where Product radiated the maximum emission, then set the test frequency analyzer/receiver to QP Detector and specified bandwidth with Maximum Hold Mode, and record the maximum value.





Report No. : EED32I002697 Page 13 of 32

8.4. TEST RESULT

The TX operated frequency is 205kHz.

The radiation measurements are performed in X, Y, Z axis positioning. And worst case mode is recorded in the report.

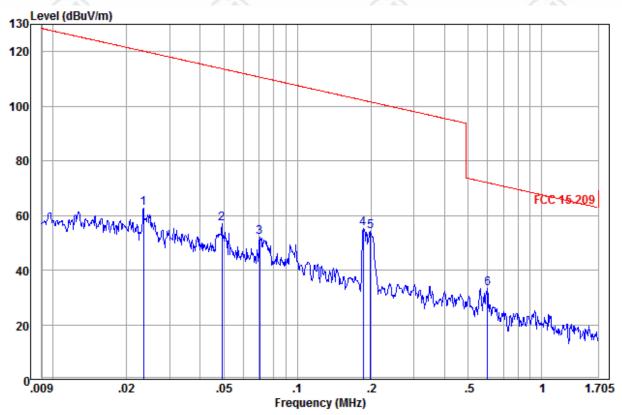
A. 9KHz-1.705MHz:

Product : Omnicharge Pro Model/Type reference : Omni20

Power : AC 120V, 60Hz Temperature : 22° C

Mode : Charging Humidity : 52%

X:



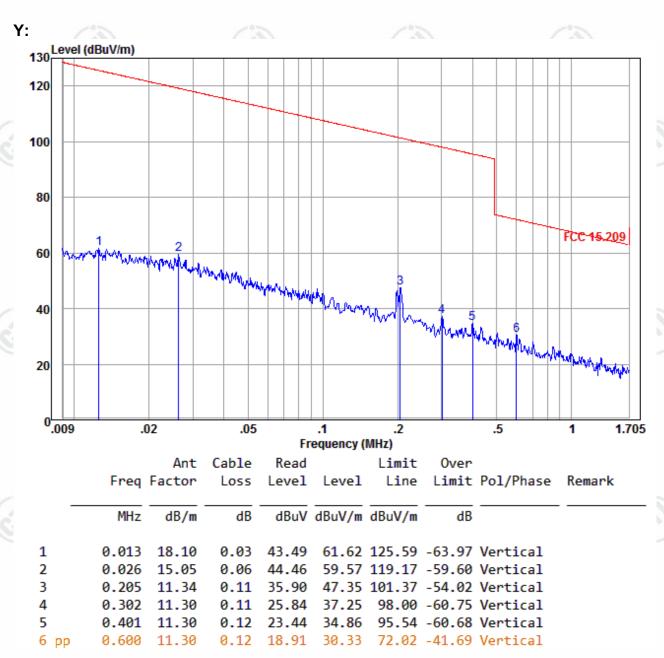
| | Freq | | Cable Loss | | | Limit Line | | Pol/Phase | Remark |
|------|-------|-------|---------------|-------|--------|---------------|--------|------------|--------|
| - | MHz | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| 1 | 0.023 | 15.66 | 0.05 | 46.83 | 62.54 | 120.17 | -57.63 | Horizontal | |
| 2 | 0.049 | 11.78 | 0.07 | 45.00 | 56.85 | 113.75 | -56.90 | Horizontal | |
| 3 | 0.070 | 11.53 | 0.09 | 40.55 | 52.17 | 110.65 | -58.48 | Horizontal | |
| 4 | 0.186 | 11.36 | 0.11 | 43.91 | 55.38 | 102.19 | -46.81 | Horizontal | |
| 5 | 0.200 | 11.34 | 0.11 | 42.88 | 54.33 | 101.59 | -47.26 | Horizontal | |
| 6 рр | 0.600 | 11.30 | 0.12 | 21.85 | 33.27 | 72.02 | -38.75 | Horizontal | |











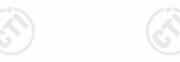


















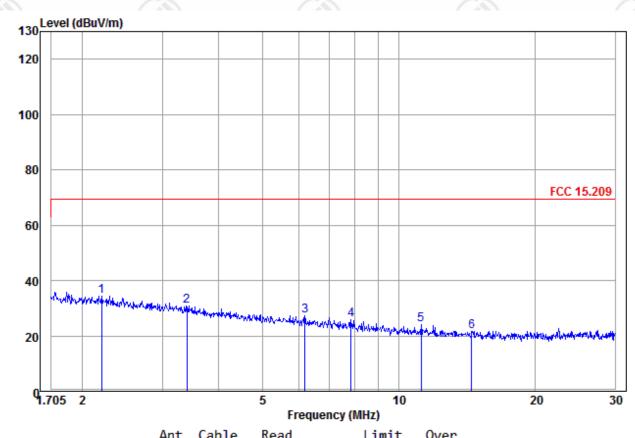


Page 15 of 32



Product: Omnicharge ProModel/Type reference: Omni20Power: AC 120V, 60HzTemperature: 22° CMode: ChargingHumidity: 52%

X:



| | Freq | | | | | Limit | | Pol/Phase | Remark |
|------|--------|-------|------|-------|-------|--------|--------|------------|--------|
| - | MHz | | | | | dBuV/m | | | |
| 1 рр | 2.201 | 11.42 | 0.19 | 22.76 | 34.37 | 69.50 | -35.13 | Horizontal | |
| 2 | 3.393 | 11.41 | 0.18 | 19.33 | 30.92 | 69.50 | -38.58 | Horizontal | |
| 3 | 6.197 | 11.11 | 0.29 | 15.76 | 27.16 | 69.50 | -42.34 | Horizontal | |
| 4 | 7.839 | 11.01 | 0.46 | 14.37 | 25.84 | 69.50 | -43.66 | Horizontal | |
| 5 | 11.187 | 10.84 | 0.66 | 12.52 | 24.02 | 69.50 | -45.48 | Horizontal | |
| 6 | 14.481 | 10.72 | 0.69 | 10.31 | 21.72 | 69.50 | -47.78 | Horizontal | |



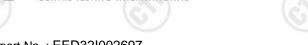
















Report No. : EED32I002697 Page 16 of 32

| _ | | | | | | | | | |
|--------|---|--|---|---|--|--|---|--|--|
| 30 Lev | el (dBuV/m) | | | | | | | | |
| | | | | | | | | | |
| 20 | | | | | | | | | |
| 00 | | | | | | | | | |
| 80 | | | | | | | | | |
| 50 | | | | | | | | | FCC 15.209 |
| | | | | | | | | | |
| | | | | | | | | | |
| | Maryanthur | 2 | | | | | | | |
| *** | Mercinethology | Marian 2 | Let de UK, Plans de La | branch Meanings. | March March | 5 | 6 | plantych, and a property of the | procession and the state of |
| 411 | Medisophilane | Parama apropries | Let de Williams | 4 | the shape of the state | 5 Marylykan | 6 | plantych, oughay aggeringshi | property and the designation |
| 20 | | Permission of the second | 3 | to de control Made primitario | residence and reference | | legerythro, therepri | oteringth, outer, named gold | n ewyody wod^ok olderdy |
| 411 | | Marie and April and | 3 | 5 | requency | 10 | legerythro, therepri | provingships in the second | o in the second |
| 20 | 15 2 | Ant | Cable | 5 F Read | requency | 10 (MHz) Limit |) Over | | |
| 20 | 15 2 | | | 5 F Read | requency | 10 (MHz) Limit |) Over | Pol/Phase | |
| 20 | 15 2 | Ant | Cable | 5 F Read Level | requency | 10 (MHz) Limit Line |) Over | | |
| 01.70 | 5 2 | Ant Factor | Cable Loss | 5 F Read Level | Level | 10 (MHz) Limit Line dBuV/m | Over Limit | | |
| 01.70 | Freq | Ant Factor dB/m | Cable Loss | 5 Fi Read Level | Level dBuV/m 35.54 | 10(MHz) Limit Line dBuV/m | Over Limit dB | Pol/Phase | |
| 01.70 | Freq MHz 2.102 | Ant Factor dB/m | Cable Loss dB | 5 Fe Read Level dBuV | Level dBuV/m 35.54 31.46 | MHz) Limit Line dBuV/m 69.50 69.50 | Over Limit dB -33.96 -38.04 | Pol/Phase Vertical | |
| 0 1.70 | Freq MHz 2.102 3.043 | Ant Factor dB/m 11.41 11.49 | Cable Loss dB 0.20 0.16 | 5 Read Level dBuV 23.93 19.81 | Level dBuV/m 35.54 31.46 28.31 | 10 (MHz) Limit Line dBuV/m 69.50 69.50 69.50 | Over Limit dB -33.96 -38.04 -41.19 | Pol/Phase Vertical Vertical | |
| 91.70 | Freq MHz 2.102 3.043 4.330 5.718 | Ant Factor dB/m 11.41 11.49 11.26 | Cable Loss dB 0.20 0.16 0.18 | 5 Read Level dBuV 23.93 19.81 16.87 | Level dBuV/m 35.54 31.46 28.31 27.36 | 10 (MHz) Limit Line dBuV/m 69.50 69.50 69.50 69.50 | Over Limit dB -33.96 -38.04 -41.19 -42.14 | Pol/Phase Vertical Vertical Vertical | |































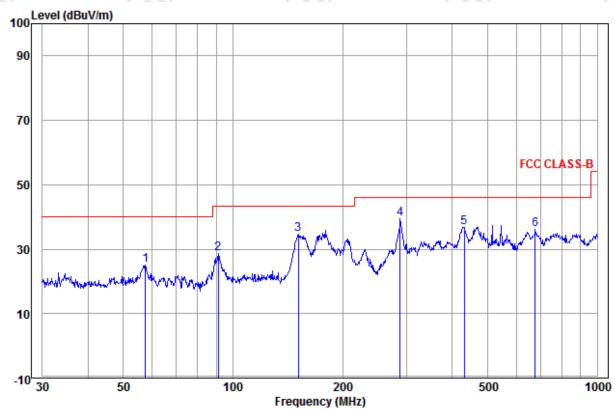
Report No.: EED32I002697 Page 17 of 32

C. 30MHz -1GHz:

Product: Omnicharge Pro Model/Type reference : Omni20 : AC 120V, 60Hz Temperature **Power 22**℃

Mode : Charging Humidity 52%

H:\



| | | Ant | Cable | Read | | Limit | 0ver | | |
|------|---------|--------|-------|-------|--------|--------|--------|------------|--------|
| | Freq | Factor | Loss | Level | Level | Line | Limit | Pol/Phase | Remark |
| - | MHz | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| 1 | 57.594 | 14.09 | 1.42 | 9.46 | 24.97 | 40.00 | -15.03 | Horizontal | |
| 2 | 91.175 | 11.45 | 1.59 | 15.77 | 28.81 | 43.50 | -14.69 | Horizontal | |
| 3 | 151.067 | 9.75 | 1.60 | 23.33 | 34.68 | 43.50 | -8.82 | Horizontal | |
| 4 pp | 287.990 | 13.25 | 2.37 | 23.73 | 39.35 | 46.00 | -6.65 | Horizontal | |
| 5 | 431.032 | 16.81 | 2.92 | 17.16 | 36.89 | 46.00 | -9.11 | Horizontal | |
| 6 | 675.208 | 20.16 | 3.73 | 12.20 | 36.09 | 46.00 | -9.91 | Horizontal | |









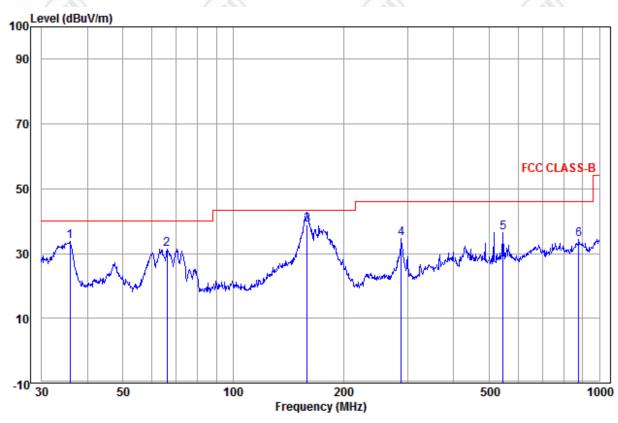












| | | Ant | capie | ĸeaa | | Limit | over | | |
|------|---------|--------|-------|-------|--------|--------|--------|-----------|--------|
| | Frea | Factor | Loss | Level | Level | Line | Limit | Pol/Phase | Remark |
| | | | | | | | | | |
| | | | | | | | | | |
| | MHz | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| | | - | | | - | - | | | |
| | | | | | | | | | |
| 1 | 35.875 | 13.56 | 0.78 | 19.31 | 33.65 | 40.00 | -6.35 | Vertical | |
| 2 | 66 034 | 11 69 | 1 44 | 18 18 | 31 31 | 40 00 | -8 69 | Vertical | |
| | | | | | | | | | |
| 3 pp | 159.225 | 10.09 | 1.71 | 26.91 | 38.71 | 43.50 | -4.79 | Vertical | |
| 4 | 287 990 | 13 25 | 2 37 | 18 91 | 34 53 | 46 99 | -11 47 | Vertical | |
| | 207.550 | 13.23 | 2.37 | 10.51 | 54.55 | 40.00 | 11.47 | ver erear | |
| 5 | 545.183 | 18.58 | 3.20 | 14.80 | 36.58 | 46.00 | -9.42 | Vertical | |
| 6 | 272 333 | 22 10 | 1 27 | 7 70 | 3/1 25 | 16 00 | 11 75 | Vertical | |
| U | 0/0.322 | 22.13 | 4.2/ | 1.15 | 34.23 | 40.00 | -11./3 | AGUITICAL | |

































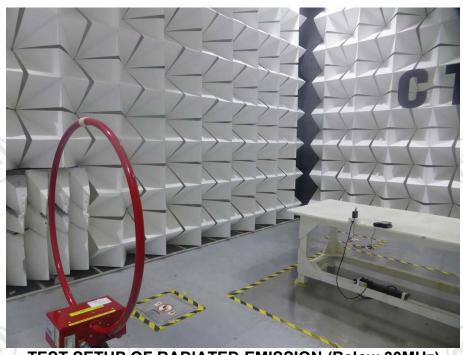




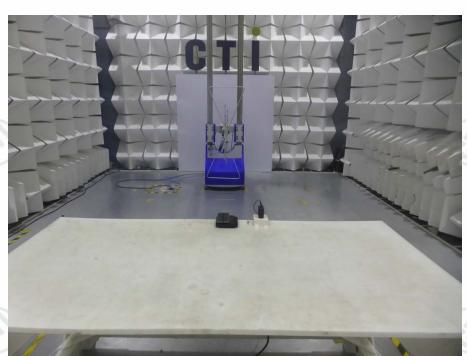
Report No. : EED32I002697 Page 19 of 32

APPENDIX 1 PHOTOGRAPHS OF TEST SETUP

Test model No.: Omni20



TEST SETUP OF RADIATED EMISSION (Below 30MHz)



TEST SETUP OF RADIATED EMISSION (30MHz-1GHz)



















Page 20 of 32



































































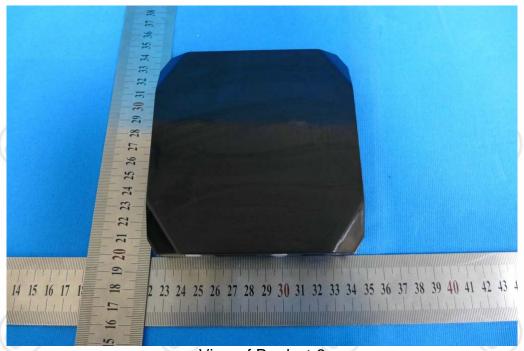
Report No.: EED32I002697 Page 21 of 32

APPENDIX 2 PHOTOGRAPHS OF EUT

Test model No.: Omni20







View of Product-2











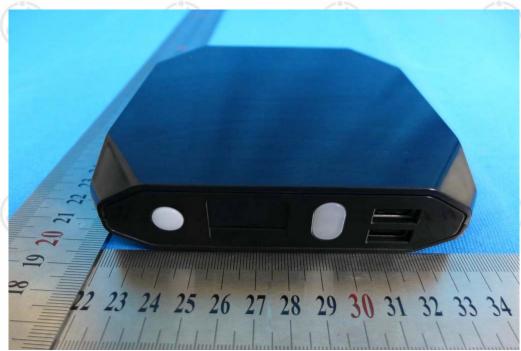




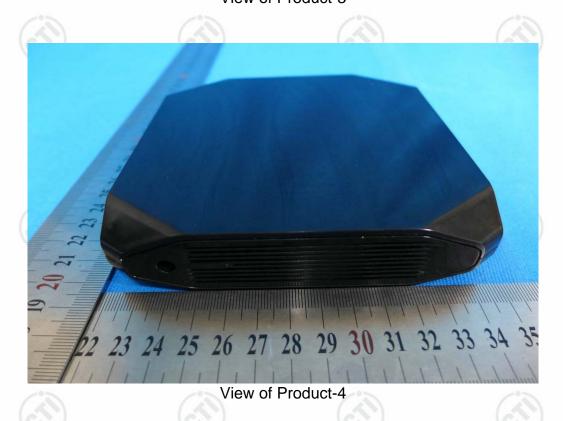




Page 22 of 32



View of Product-3







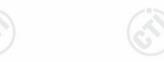




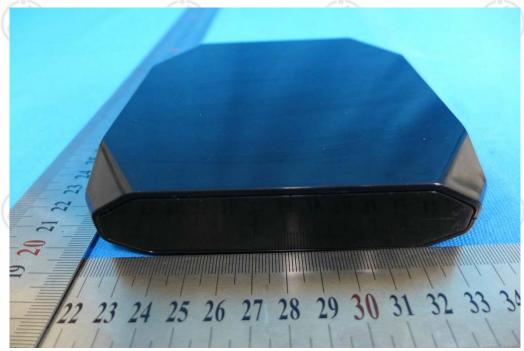




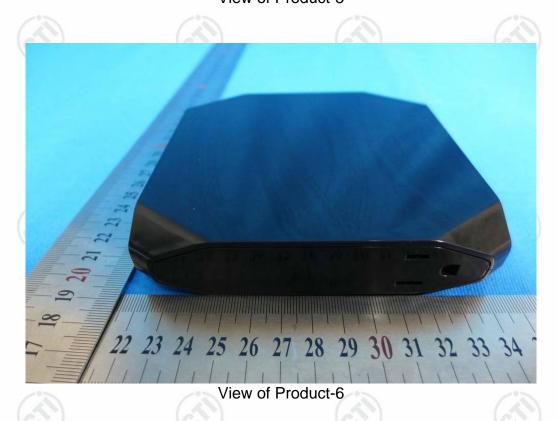








View of Product-5











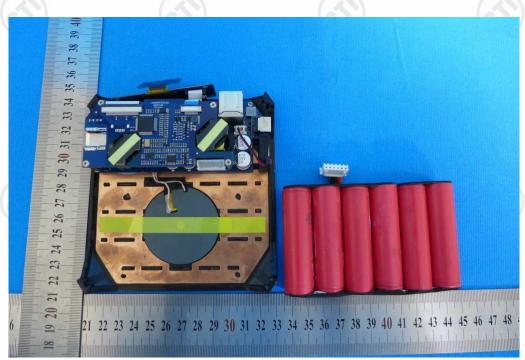








View of Product-7



View of Product-8









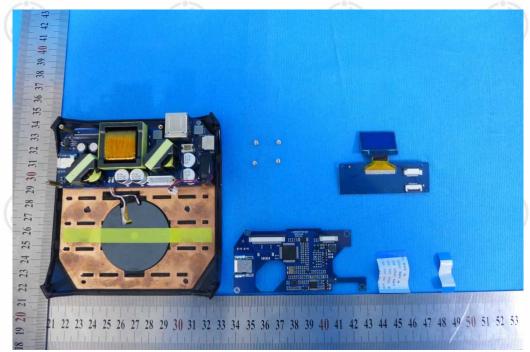




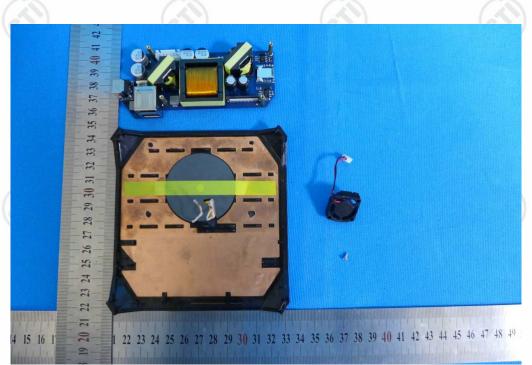








View of Product-9



View of Product-10









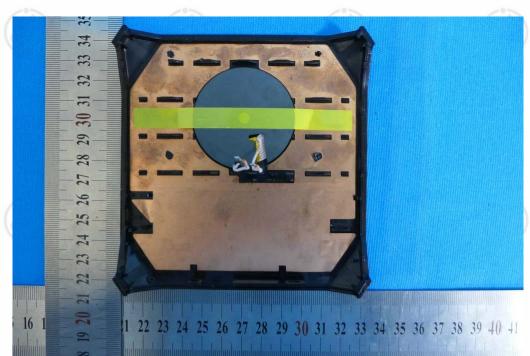




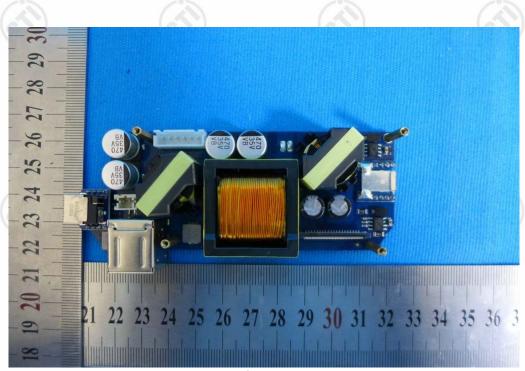








View of Product-11



View of Product-12











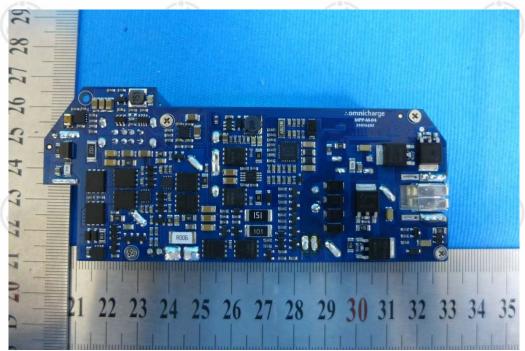




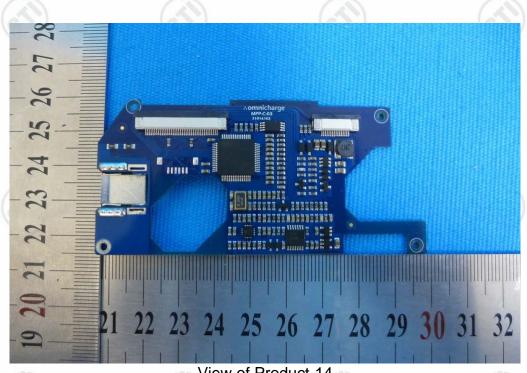




Page 27 of 32



View of Product-13



View of Product-14













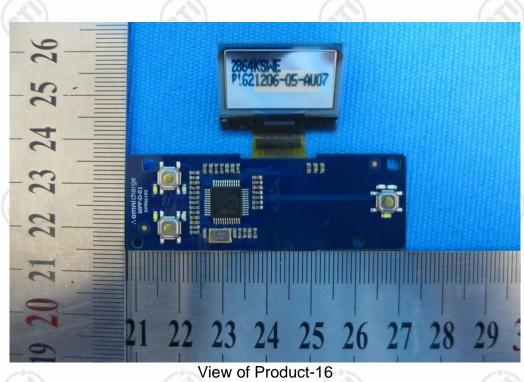








View of Product-15













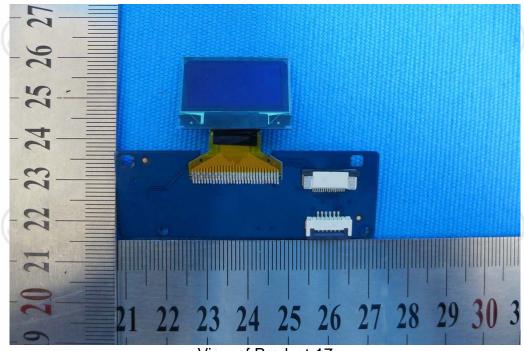








Page 29 of 32







View of Product-18























View of Product-19



View of Product-20























View of Product-21



View of Product-22

















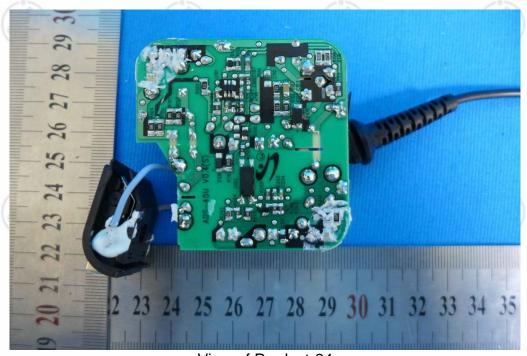




Report No.: EED32I002697 Page 32 of 32



View of Product-23



View of Product-24

*** End of Report ***

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

