



| | | | | |
|--|---|--|--|--|
| Prüfbericht-Nr.: <i>Test report no.:</i> | CN21SAGZ 001 | Auftrags-Nr.: <i>Order no.:</i> | 168330327 | Seite 1 von 23 Page 1 of 23 |
| Kunden-Referenz-Nr.: <i>Client reference no.:</i> | N/A | Auftragsdatum: <i>Order date:</i> | 2021-08-09 | |
| Auftraggeber: <i>Client:</i> | Luxshare Precision Industry Co., Ltd. Floor 2, Block A, Sanyo New Industrial Area, West Haoyi Community, Shajing Subdistrict Office, Bao'an District, Shenzhen, P. R. China | | | |
| Prüfgegenstand: <i>Test item:</i> | Power Dongle for Apple Watch | | | |
| Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i> | PDAW (Trademark: PITAKA) | | | |
| Auftrags-Inhalt: <i>Order content:</i> | Type Test | | | |
| Prüfgrundlage: <i>Test specification:</i> | CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart C Section 15.215 CFR47 FCC Part 2: Subpart J Section 1.1310 | | | |
| Wareneingangsdatum: <i>Date of sample receipt:</i> | 2021-08-23 | Refer to photos document | | |
| Prüfmuster-Nr.: <i>Test sample no.:</i> | A003105959-001 | | | |
| Prüfzeitraum: <i>Testing period:</i> | 2021-08-24 – 2021-09-08 | | | |
| Ort der Prüfung: <i>Place of testing:</i> | TÜV Rheinland (Shenzhen) Co., Ltd. | | | |
| Prüflaboratorium: <i>Testing laboratory:</i> | TÜV Rheinland (Shenzhen) Co., Ltd. | | | |
| Prüfergebnis*: <i>Test result*:</i> | Pass | | | |
| geprüft von: <i>tested by:</i> |  <i>Datum:</i> Date: 2021-09-18 <small>Signed by: Alex Lan</small> | genehmigt von: <i>authorized by:</i> |  Ausstellungsdatum: <i>Issue date:</i> 2021-09-18 <small>Signed by: Lin Lin</small> | |
| Stellung / Position | Senior Project Engineer | Stellung / Position | Reviewer | |
| Sonstiges / Other: | FCC ID: 2AYYS-PDAW01 | | | |
| Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i> | Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i> | | | |
| * Legende: | 1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n) | 2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | 3 = befriedigend N/A = nicht anwendbar | 4 = ausreichend 5 = mangelhaft N/T = nicht |
| * Legend: | 1 = very good P(ass) = passed a.m. test specification(s) | 2 = good F(ail) = failed a.m. test specification(s) | 3 = satisfactory N/A = not applicable | 4 = sufficient 5 = poor N/T = not tested |
| Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i> | | | | |

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 20dB BANDWIDTH

RESULT: Pass

5.1.3 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.4 CONDUCTED EMISSIONS

RESULT: Pass

6.1.1 ELECTROMAGNETIC FIELDS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

No. 362 Huangguan Road Middle, Longhua District, Shenzhen 518110, China

FCC Registration No.: CN1260

IC Registration No.: 25069

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

TÜV Rheinland (Shenzhen) Co., Ltd.

| Spurious Emissions Testing | | | | |
|---|---------------------|----------------------|-------------------|-------------------|
| Description | Manufacturer | Model | Serial No. | Cal. until |
| EMI Test Receiver | R&S | ESR 7 | 102021 | 2022-08-10 |
| Signal Analyzer | R&S | FSV 40 | 101439 | 2022-08-09 |
| System Controller Interface | R&S | SCI-100 | S10010038 | N/A |
| Filterbank | R&S | Wlan | 100759 | 2022-08-09 |
| OSP | R&S | OSP 120 | 102040 | N/A |
| Pre-amplifier | R&S | SCU08F1 | 08320031 | 2022-08-09 |
| Amplifier | R&S | SCU-18F | 180070 | 2022-08-09 |
| Amplifier | R&S | SCU40A | 100475 | 2022-08-09 |
| Trilog Broadband Antenna (30 MHz - 7 GHz) | Schwarzbeck | VULB 9162 | 193 | 2022-08-08 |
| Double-Ridged Antenna (1 -18 GHz) | ETS-LINDGREN | 3117 | 00218717 | 2022-08-08 |
| Wideband Ridged Horn Antenna (18-40 GHz) | Steatite | QMS-00880 | 19067 | 2022-08-08 |
| Active Loop Antenna | Schwarzbeck | FMZB 1513 | 302 | 2022-09-13 |
| Test software | R&S | EMC32 (V10.60.10) | N/A | N/A |
| Control PC | Dell | OptiPlex 7050 | 36NV9P2 | N/A |
| 3m Semi-Anechoic Chamber | Albatross | SAC-3m | APC17151-SAC | 2024-06-22 |
| Conducted Emissions | | | | |
| Description | Manufacturer | Model | Serial No. | Cal. until |
| EMI Test Receiver | R&S | ESR3 | 102428 | 2022-08-10 |
| Artificial Mains Network | R&S | ENV216 | 102333 | 2022-08-10 |
| EMC32 test software | R&S | EMC32(Ver.10.50.0 0) | N/A | N/A |

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

| Test | Parameters | Expanded uncertainty (U_{lab}) | Expanded uncertainty (U_{CISPR}) |
|-------------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Conducted Emission | Level accuracy (9kHz to 150kHz) | ± 3.70 dB | ± 3.8 dB |
| | (150kHz to 30MHz) | ± 3.30 dB | ± 3.4 dB |
| Radiated Emission (3m SAC) | Level accuracy (30MHz to 1000MHz) | ± 4.52 dB | ± 6.3 dB |
| | Level accuracy (above 1000MHz) | ± 4.37 dB | N/A |

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at No. 362 Huangguan Road Middle, Longhua District, Shenzhen 518110, China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The device is a Power Dongle for Apple Watch.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

| General Information of EUT | Value |
|--------------------------------|------------------------------|
| Kind of Equipment | Power Dongle for Apple Watch |
| Type Designation | PDAW |
| Trademark | PITAKA |
| FCC ID | 2AYYS-PDAW01 |
| Input Voltage | DC 5V via Type-C port |
| Test voltage | AC 120V, 60Hz |
| Technical Specification of WPT | |
| Operating Frequency | 326.5KHz |
| Modulation | FSK |
| Antenna Type | Coil Antenna |
| Antenna number | 1 |
| Wireless Charger output power | Max. 5W |

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, Wireless charging
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

- ID Label and Location Info

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5&6. All testing were performed according to the procedures in ANSI C63.10: 2013.

4.3 Special Accessories and Auxiliary Equipment

Table 3: List of Accessories and Auxiliary Equipment

| Description | Manufacturer | Model | S/N | Rating |
|-------------|--------------|----------------|----------------|----------------------------|
| Adapter | TUVR | AC/DC Adapter1 | SE-002 | Output: 5Vdc, 1.2A max |
| USB cable | TUVR | / | / | Unshielded and length 15cm |
| Adapter | TUVR | AC/DC Adapter2 | KA25-0501200CN | Output: 5Vdc, 1.2A max |
| Apple Watch | Apple | M02G3CH/A | GY6F236QQ1RF | --- |

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 30MHz)

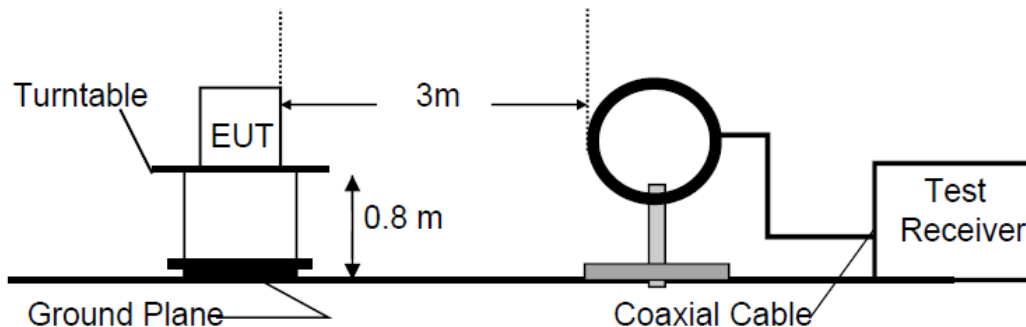


Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

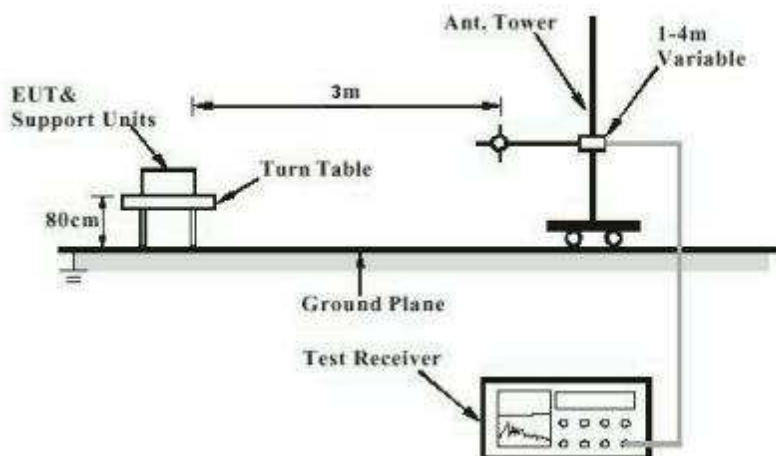
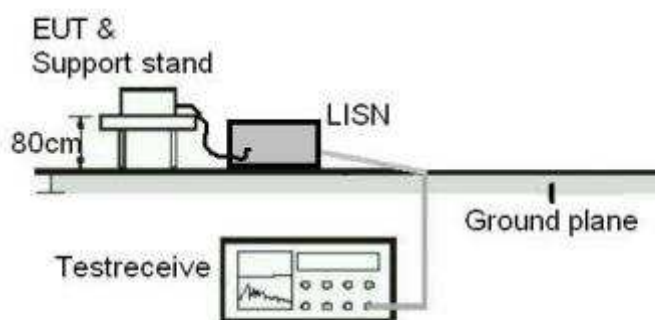


Diagram of Measurement Equipment Configuration for Mains Conduction Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.203

According to the manufacturer declared, the EUT has an internal antenna, and the antenna is permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Refer to EUT Photo for further details.

5.1.2 20dB Bandwidth

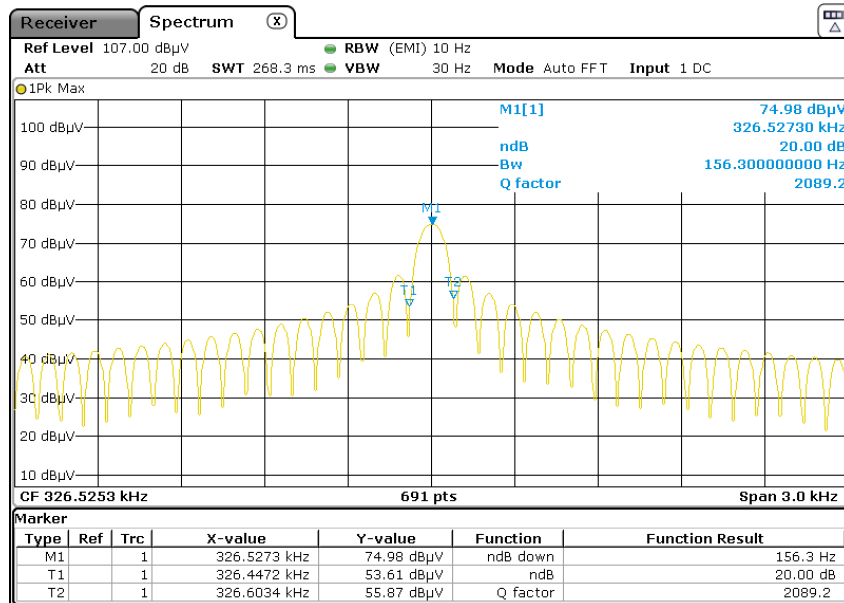
RESULT:
Pass
Test Specification

Test standard : FCC Part 15.215(c)
 Basic standard : ANSI C63.10: 2013
 Kind of test site : Shielded Room

Test Setup

Date of testing : 2021-08-24 – 2021-09-08
 Input voltage : AC 120V, 60Hz
 Operation mode : A
 Ambient temperature : 25 °C
 Relative humidity : 56 %
 Atmospheric pressure : 101 kPa

For details refer to following test result.



5.1.3 Radiated Spurious Emission

RESULT:**Pass****Test Specification**

| | | |
|-------------------|---|--------------------------|
| Test standard | : | FCC Part 15.209 & 15.205 |
| Basic standard | : | ANSI C63.10: 2013 |
| Limits | : | Refer to 15.209(a) |
| Kind of test site | : | 3m Semi-anechoic Chamber |

Test Setup

| | | |
|----------------------|---|-------------------------|
| Date of testing | : | 2021-08-24 – 2021-09-08 |
| Input voltage | : | AC 120V, 60Hz |
| Operation mode | : | A |
| Ambient temperature | : | 23 °C |
| Relative humidity | : | 49 % |
| Atmospheric pressure | : | 101 kPa |

Measurements are to be taken in dBuV/m, corrected, and the end result shall be mathematically converted to the dBuA/m for RSS and presented against the correct limit.

$$E \text{ [dB}\mu\text{A/m]} = AF \text{ [dBS/m]} + V \text{ [dB}\mu\text{V]} + \text{Cable loss [dB]}$$

E [dB μ A/m] is the magnetic field strength (Final Test results)

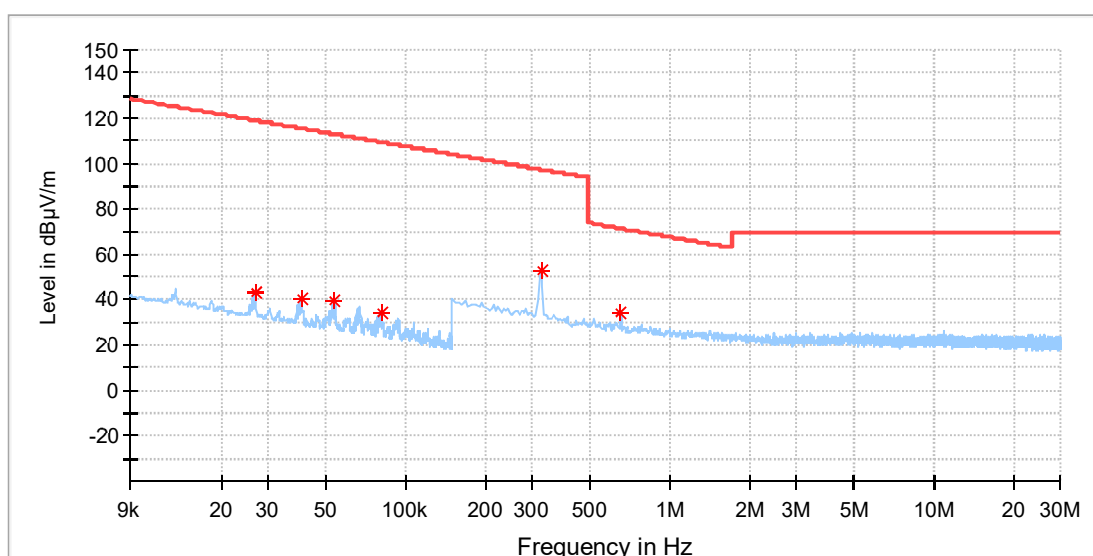
AF [dBS/m] is the magnetic antenna factor of the antenna (H-field)

V [dB μ V] is the reading level on the spectrum analyzer

Note that when using the AF [dBS/m] the 51.5 dB is already account for into the antenna factor.

EUT Information

| | |
|----------------|------------------------------|
| EUT Name: | Power Dongle for Apple Watch |
| Model: | PDAW |
| Test Mode: | Wireless charging |
| Test Voltage:: | 120Vac, 60Hz |
| Remark: | Temp 23 Humi:49% |
| Test Standard: | FCC 15.209 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

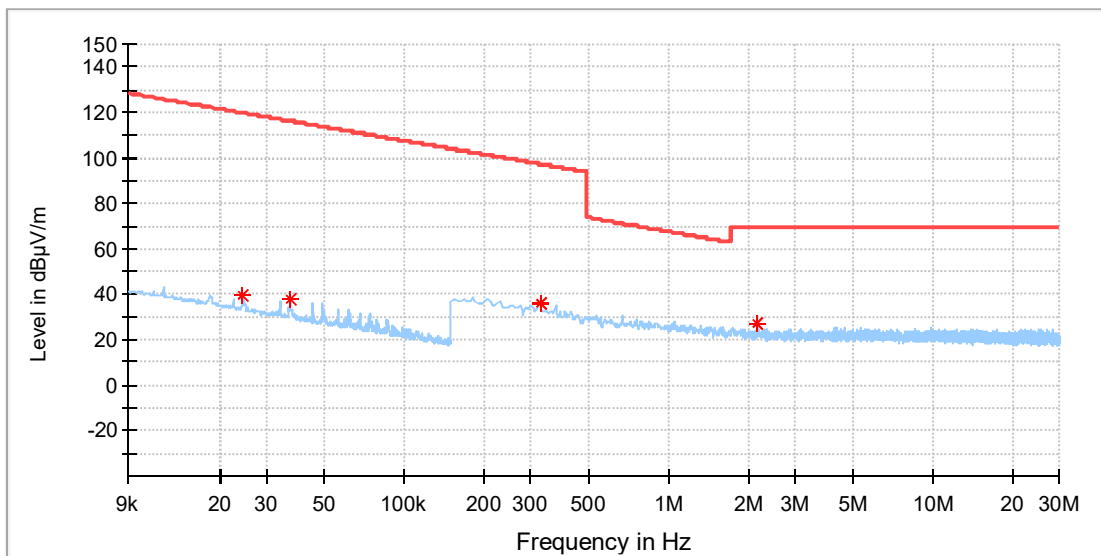


Critical_Freqs

| Frequency (MHz) | Max Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|-------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 0.026826 | 43.01 | 119.02 | 76.01 | 100.0 | X | 46.0 | 20.0 |
| 0.040221 | 40.86 | 115.50 | 74.65 | 100.0 | X | 55.0 | 20.0 |
| 0.053516 | 39.23 | 113.02 | 73.80 | 100.0 | X | 64.0 | 20.0 |
| 0.080608 | 34.46 | 109.47 | 75.01 | 100.0 | X | 46.0 | 20.0 |
| 0.325588 | 52.42 | 97.35 | 44.93 | 100.0 | X | 328.0 | 20.0 |
| 0.650427 | 34.45 | 71.35 | 36.89 | 100.0 | X | 52.0 | 20.0 |

EUT Information

| | |
|----------------|------------------------------|
| EUT Name: | Power Dongle for Apple Watch |
| Model: | PDAW |
| Test Mode: | Wireless charging |
| Test Voltage:: | 120Vac, 60Hz |
| Remark: | Temp 23 Humi:49% |
| Test Standard: | FCC 15.209 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

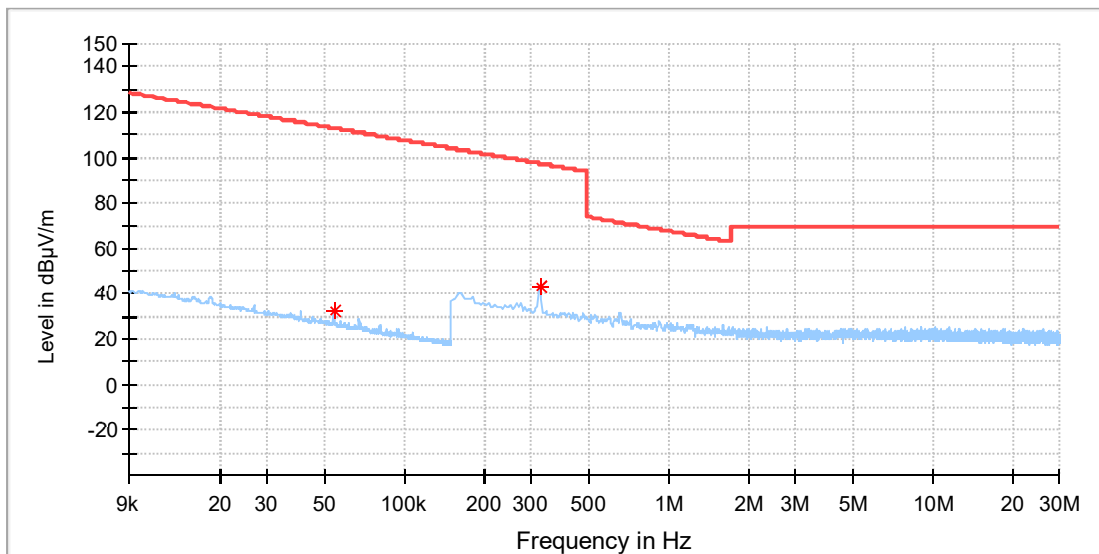


Critical_Freqs

| Frequency (MHz) | Max Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|-------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 0.024510 | 39.43 | 119.80 | 80.37 | 100.0 | Y | 350.0 | 20.0 |
| 0.036797 | 38.06 | 116.28 | 78.22 | 100.0 | Y | 350.0 | 20.0 |
| 0.325588 | 36.13 | 97.35 | 61.22 | 100.0 | Y | 28.0 | 20.0 |
| 2.164875 | 27.24 | 69.50 | 42.26 | 100.0 | Y | 287.0 | 20.0 |

EUT Information

| | |
|----------------|------------------------------|
| EUT Name: | Power Dongle for Apple Watch |
| Model: | PDAW |
| Test Mode: | Wireless charging |
| Test Voltage:: | 120Vac, 60Hz |
| Remark: | Temp 23 Humi:49% |
| Test Standard: | FCC 15.209 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

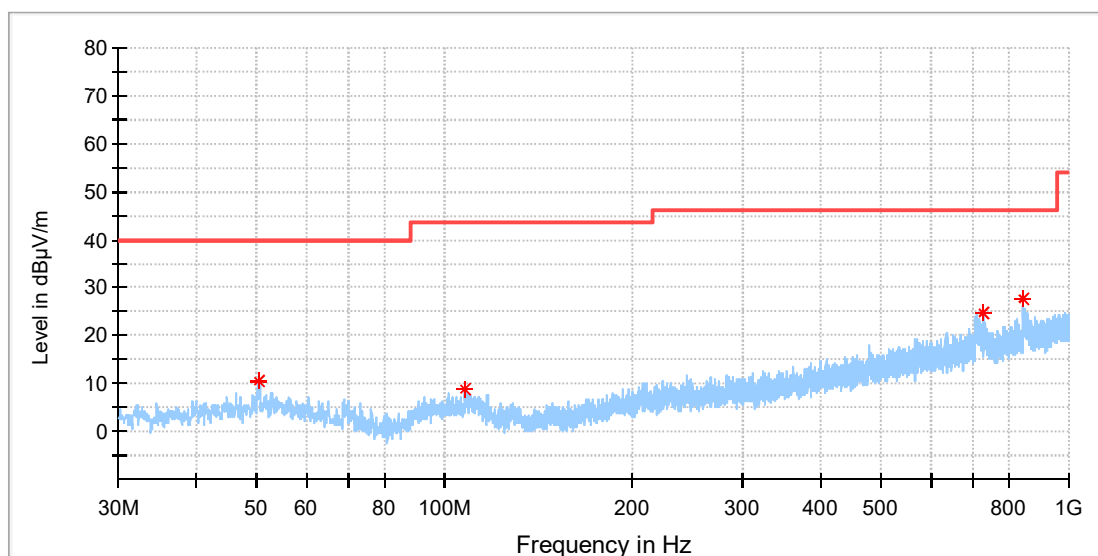


Critical_Freqs

| Frequency (MHz) | Max Peak (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|-------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 0.053818 | 32.26 | 112.98 | 80.71 | 100.0 | Z | 36.0 | 20.0 |
| 0.325588 | 42.99 | 97.35 | 54.36 | 100.0 | Z | 327.0 | 20.0 |

EUT Information

| | |
|----------------|------------------------------|
| EUT Name: | Power Dongle for Apple Watch |
| Model: | PDAW |
| Test Mode: | Wireless charging |
| Test Voltage:: | 120Vac, 60Hz |
| Remark: | Temp 23 Humi:49% |
| Test Standard: | FCC 15.209 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |

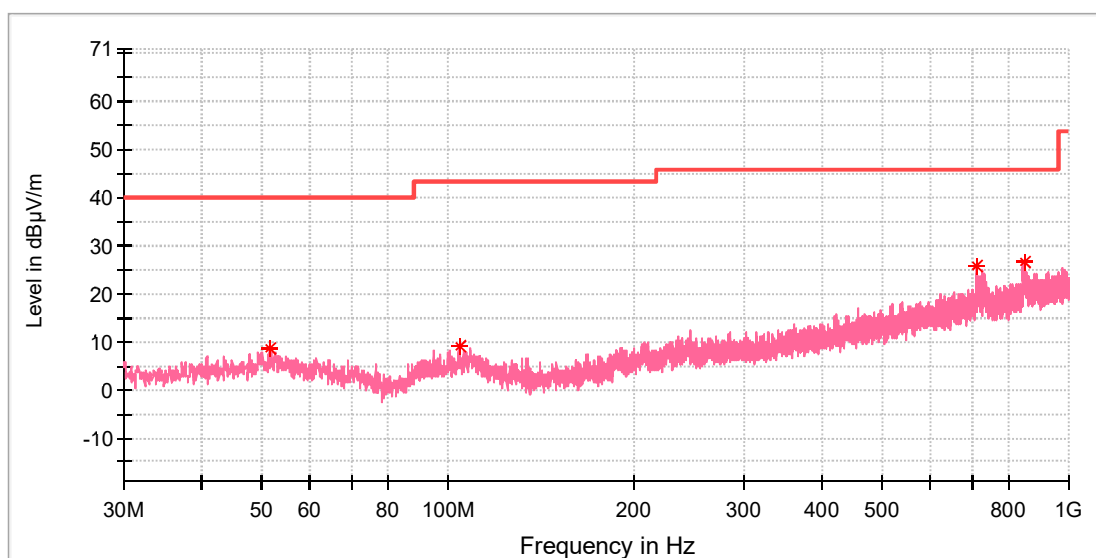


Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 50.127500 | 10.47 | --- | 40.00 | 29.53 | 100.0 | H | 122.0 | -18.3 |
| 107.600000 | 8.88 | --- | 43.50 | 34.62 | 100.0 | H | 6.0 | -18.9 |
| 728.691000 | 24.72 | --- | 46.00 | 21.28 | 100.0 | H | 242.0 | -7.5 |
| 844.897000 | 27.58 | --- | 46.00 | 18.42 | 100.0 | H | 91.0 | -5.6 |

EUT Information

| | |
|----------------|------------------------------|
| EUT Name: | Power Dongle for Apple Watch |
| Model: | PDAW |
| Test Mode: | Wireless charging |
| Test Voltage:: | 120Vac, 60Hz |
| Remark: | Temp 23 Humi:49% |
| Test Standard: | FCC 15.209 |
| Tested By: | Kei Zhang |
| Reviewed By: | Terry Yin |



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV/m) | Average (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|------------------|----------------|-------------|-------------|-----|---------------|--------------|
| 51.437000 | 8.65 | --- | 40.00 | 31.35 | 100.0 | V | 306.0 | -18.3 |
| 104.156500 | 8.97 | --- | 43.50 | 34.53 | 100.0 | V | 244.0 | -18.8 |
| 710.261000 | 25.78 | --- | 46.00 | 20.22 | 100.0 | V | 81.0 | -7.8 |
| 848.825500 | 26.60 | --- | 46.00 | 19.40 | 100.0 | V | 39.0 | -5.5 |

5.1.4 Conducted emissions

RESULT:**Pass****Test Specification**

| | | |
|-------------------|---|---------------------|
| Test standard | : | FCC Part 15.207 |
| Basic standard | : | ANSI C63.10: 2013 |
| Frequency range | : | 150KHz - 30MHz |
| Classification | : | Class B |
| Limit | : | FCC Part 15.207 (a) |
| Kind of test site | : | Shielded Room |

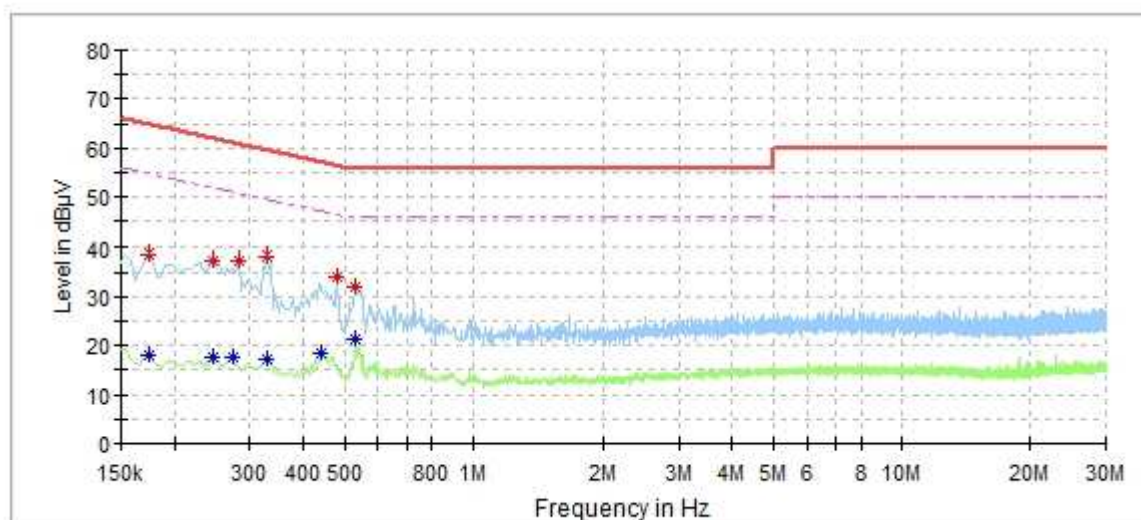
Test Setup

| | | |
|----------------------|---|-------------------------|
| Date of testing | : | 2021-08-24 – 2021-09-08 |
| Input voltage | : | AC 120V, 60Hz |
| Operation mode | : | A |
| Ambient temperature | : | 23 °C |
| Relative humidity | : | 48 % |
| Atmospheric pressure | : | 101 kPa |

Refer to following test plots for details of test result.

EUT Information

| | |
|---------------|------------------------------|
| EUT Name: | Power Dongle for Apple Watch |
| Model: | PDAW |
| Test Mode: | On, Charging |
| Test Voltage: | AC 120V, 60Hz |
| Test By: | Charlie Zha |
| Review By: | Gary Chen |
| Remark: | SR1 |

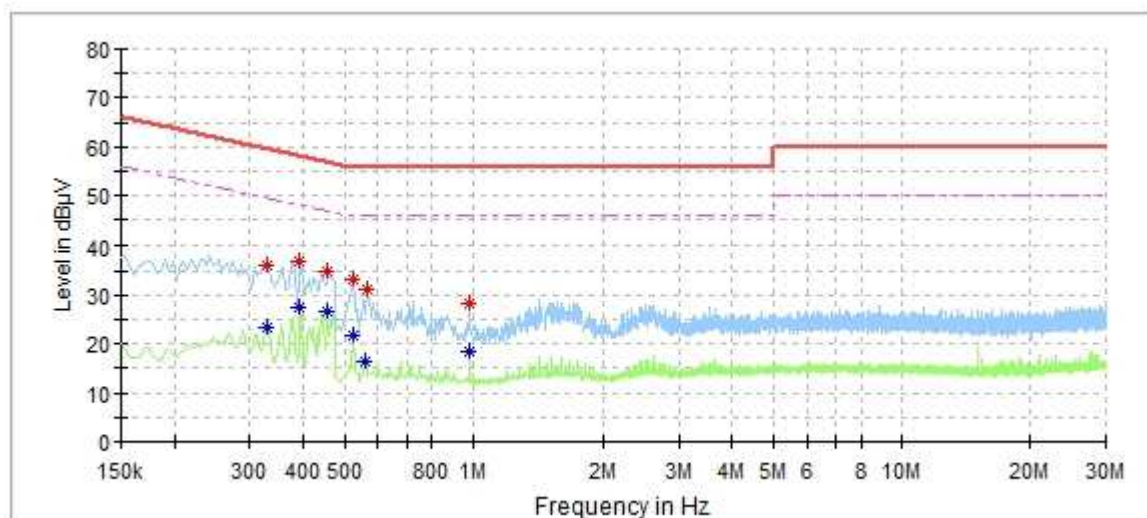


Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.174000 | --- | 18.17 | 54.77 | 36.60 | L1 | 9.6 |
| 0.174000 | 38.73 | --- | 64.77 | 26.04 | L1 | 9.6 |
| 0.246000 | 37.36 | --- | 61.89 | 24.53 | L1 | 9.6 |
| 0.246000 | --- | 17.47 | 51.89 | 34.42 | L1 | 9.6 |
| 0.274000 | --- | 17.56 | 51.00 | 33.44 | L1 | 9.6 |
| 0.282000 | 37.40 | --- | 60.76 | 23.36 | L1 | 9.6 |
| 0.330000 | --- | 17.34 | 49.45 | 32.12 | L1 | 9.7 |
| 0.330000 | 38.01 | --- | 59.45 | 21.44 | L1 | 9.7 |
| 0.442000 | --- | 18.56 | 47.02 | 28.46 | L1 | 9.7 |
| 0.482000 | 33.99 | --- | 56.31 | 22.31 | L1 | 9.7 |
| 0.532000 | --- | 21.20 | 46.00 | 24.80 | L1 | 9.7 |
| 0.532000 | 32.19 | --- | 56.00 | 23.81 | L1 | 9.7 |

EUT Information

| | |
|---------------|------------------------------|
| EUT Name: | Power Dongle for Apple Watch |
| Model: | PDAW |
| Test Mode: | On, Charging |
| Test Voltage: | AC 120V, 60Hz |
| Test By: | Charlie Zha |
| Review By: | Gary Chen |
| Remark: | SR1 |



Critical_Freqs

| Frequency (MHz) | MaxPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Line | Corr. (dB) |
|-----------------|----------------|----------------|--------------|-------------|------|------------|
| 0.330000 | --- | 23.51 | 49.45 | 25.94 | N | 9.7 |
| 0.330000 | 36.12 | --- | 59.45 | 23.33 | N | 9.7 |
| 0.394000 | 37.03 | --- | 57.98 | 20.95 | N | 9.7 |
| 0.394000 | --- | 27.40 | 47.98 | 20.58 | N | 9.7 |
| 0.458000 | --- | 26.84 | 46.73 | 19.89 | N | 9.7 |
| 0.458000 | 34.83 | --- | 56.73 | 21.90 | N | 9.7 |
| 0.524000 | --- | 21.59 | 46.00 | 24.41 | N | 9.7 |
| 0.524000 | 33.28 | --- | 56.00 | 22.72 | N | 9.7 |
| 0.560000 | --- | 16.28 | 46.00 | 29.72 | N | 9.7 |
| 0.564000 | 31.13 | --- | 56.00 | 24.87 | N | 9.7 |
| 0.980000 | --- | 18.45 | 46.00 | 27.55 | N | 9.7 |
| 0.980000 | 28.49 | --- | 56.00 | 27.51 | N | 9.7 |

6 Safety Human Exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

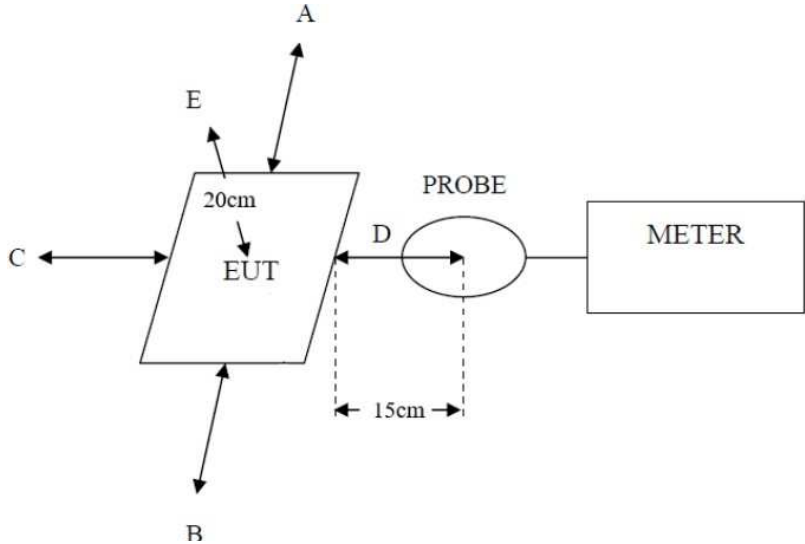
RESULT:
Pass
Test Specification

 Test standard : CFR47 FCC Part 2: Subpart J Section 1.1310
 : FCC CFR 47 Part 1(1.1310) KDB 680106 D01 v03

According to the table 1 of FCC Part 2.1310, the reference limit as below:

| 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

Test Setup:


Test Result:

Table: H-Field Strength at 15 cm from the edges surrounding the EUT and 20cm from the top surface of the EUT

| EUT Test Mode | Measured H-Field Strength Values (A/m) | | | | | 50% Limit (A/m) | Limit (A/m) | Result |
|-------------------|--|---------------------|--------------------|--------------------|---------------------|-----------------|-------------|--------|
| | Test Position Top | Test Position front | Test Position rear | Test Position left | Test Position right | | | |
| 1% Battery Level | 0.2568 | 0.2032 | 0.2488 | 0.2296 | 0.1816 | 0.815 | 1.63 | Pass |
| 50% Battery Level | 0.2509 | 0.2021 | 0.2477 | 0.2295 | 0.1815 | 0.815 | 1.63 | Pass |
| 99% Battery Level | 0.2560 | 0.2023 | 0.2474 | 0.2281 | 0.1805 | 0.815 | 1.63 | Pass |

7 Photographs of the Test Set-Up

Refer to test photo document.

8 List of Tables

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