

RADIO TEST REPORT

| Product | : | Radian Wristband |
|----------------------|---|--|
| Brand | : | Parafait |
| Model Name | : | PARAWTCH01 |
| FCC ID | : | G7H-SPRWB01 |
| Test Regulation | : | FCC 47 CFR Part 15 Subpart C (Section 15.249) |
| Received Date | : | 2021/5/27 |
| Test Date | : | 2023/2/23 ~ 2023/3/9 |
| Issued Date | : | 2023/10/17 |
| | | |
| Applicant | : | Semnox Solutions Private Limited No.4-1-145, 3rd Floor, Punja Building Annexe, M G Road, Lalbagh, Mangalore, Karnataka, India |
| Issued By | : | Underwriters Laboratories Taiwan Co., Ltd. Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan |



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REVISION HISTORY

Original Test Report No.: 4789943494A-US-R0-V0

| Rev. | Test report No. 4789943494A-US-R0-V0 | Date | Page revised | Contents |
|----------|---|------------|--------------|---------------|
| Original | 4789943494A-US-R0-V0 | 2023/10/17 | - | Initial issue |
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1. Attestation of Test Results

| APPLICANT: | Semnox Solutions Private Limited No.4-1-145, 3rd Floor, Punja Building Annexe, M G Road, Lalbagh, Mangalore, Karnataka, India |
|------------------|--|
| MANUFACTURER: | Semnox Solutions Private Limited No.4-1-145, 3rd Floor, Punja Building Annexe, M G Road, Lalbagh, Mangalore , Karnataka, India |
| EUT DESCRIPTION: | Radian Wristband |
| BRAND: | Parafait |
| MODEL: | PARAWTCH01 |
| SAMPLE STAGE: | Engineering Verification Test sample |
| DATE of TESTED: | 2023/2/23 ~ 2023/3/9 |

APPLICABLE STANDARDS

STANDARD

Test Results PASS

FCC 47 CFR PART 15 Subpart C (Section 15.249)

Underwriters Laboratories Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Underwriters Laboratories Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Underwriters Laboratories Taiwan Co., Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Underwriters Laboratories Taiwan Co., Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Prepared By:

Sally In

Date: 2023/10/17

Sally Lu Project Handler Approved and Authorized By:

Eric Lee Date : 2023/10/17 Senior Laboratory Engineer

Underwriters Laboratories Taiwan Co., Ltd.



2. Summary of Test Results

| FCC Clause | Test Item | Result |
|--------------------------------|--|--------|
| 15.203 | Antenna requirement | PASS |
| 15.207 | AC Power Conducted Emission | PASS |
| 15.209 15.249 15.249 (d) | Radiated Emission Test Band Edge Measurement Limit: 50dB less than the peak value of fundamental frequency or meet radiated emission limit in section 15.209 | PASS |



3. Test Methodology and Reference Procedures

The tests documented in this report were performed in accordance with 47 CFR FCC Part 2, KDB414788 D01 Radiated Test Site v01r01 and ANSI C63.10-2013.

4. Facilities and Accreditation

| Test Location | Underwriters Laboratories Taiwan Co., Ltd. | |
|------------------------------|--|--|
| Address | Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan | |
| Accreditation Certificate | Underwriters Laboratories Taiwan Co., Ltd. is accredited by TAF, Laboratory Code 3398. | |



5. Measurement Uncertainty

For statement of conformity, accuracy method (Section 8.2.4 and 8.2.5 of ISO Guide 98-4) was applied as decision rule for measurement in this test report.

The following uncertainties have been calculated to provide a confidence level of 95 % using a coverage factor k=2.

Determining compliance based on the results of the compliance measurement, not considering measurement instrumentation uncertainty.

| Measurement | Frequency | Uncertainty |
|--|----------------|-------------|
| Conducted disturbance at mains terminals ports | 150kHz ~ 30MHz | ±2.9 dB |
| RF Conducted | 9 kHz - 40GHz | ±2.4 dB |
| Radiated disturbance below 30MHz | 9 kHz - 30 MHz | ±1.9 dB |
| Radiated disturbance below 1 GHz | 30MHz ~ 1GHz | ±5.8 dB |
| Radiated disturbance above 1 GHz | 1GHz ~ 40GHz | ±4.8 dB |



6. Equipment under Test

6.1. Description of EUT

| Product | Radian Wristband |
|------------------------------------|--|
| Brand | Parafait |
| Model Name | PARAWTCH01 |
| Operating Frequency | 915.3 ~ 917.7 MHz |
| Modulation | GFSK |
| Normal Voltage | 3.7Vdc From Battery 5Vdc From Host |
| Sample ID | Radiated Test: 5809012 / 5809014 / 5809016 |
| Maximum Field Strength (dBuV/m) | 92.51 dBuV/m |

Note:

1. The EUT could be supplied with rechargeable battery as the following table:

| Brand Name | Model | Description |
|------------|-----------|-----------------------|
| Zhongju | ZJ302030P | 3.7V, max 4.2V, 140mA |



6.2. Test Condition

| Test Item | Test Site No. | Environmental Condition | Input Power | Test Date | Tested by |
|--|------------------|----------------------------|-------------------|---------------------------|-----------|
| Radiated Spurious Emission | 9662 | 21~26°C/ 58~65%RH | 5Vdc From Host | 2023/02/23~ 2023/03/03 | Jubo Shen |
| AC power Line Conducted Emission | SR1 | 21~26°C/ 58~65%RH | 5Vdc From Host | 2023/03/06~ 2023/03/09 | Jubo Shen |

FCC Test Firm Registration Number: 498077

Sample Calculation:

Radiated Spurious Emission:

Where relevant, the follow sample calculation is provided:
Result Value (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Preamp Factor (dB).
Example: Result Value (34.5dBuV/m) = Reading Value (40.1dBuV) + Antenna Factor (18.7dB/m) + Cable Loss (4.2dB) - Preamp Factor (28.5dB).

AC power Line Conducted Emission:

Where relevant, the follow sample calculation is provided: Result Value (dBuV) = Reading Value (dBuV) + Correction Factor (dB). Correction Factor (dB) = Insertion loss(dB) + Cable loss(dB). Example: Result Value (53.7dBuV) = Reading Value (35.1dBuV) + Insertion loss(18.1dB) + Cable loss(0.5dB).



6.3. Channel List

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|--------------------|---------|--------------------|
| 0 | 915.3 | 7 | 916.7 |
| 1 | 915.5 | 8 | 916.9 |
| 2 | 915.7 | 9 | 917.1 |
| 3 | 915.9 | 10 | 917.3 |
| 4 | 916.1 | 11 | 917.5 |
| 5 | 916.3 | 12 | 917.7 |
| 6 | 916.5 | - | - |

13 channels are provided to this EUT:

6.4. Duty Cycle

| Mode | TX on (ms) | TX on+off (ms) | DutyCycle (%) | Duty Factor (dB) | 1/T minimum VBW (kHz) |
|------|---------------|-------------------|------------------|---------------------|-----------------------------|
| GFSK | 19.500 | 100.000 | 19.50% | 7.10 | 0.051 |

Duty Cycle Correction Factor = -14.2 dB AVG= Peak + duty cycle correction factor AVG= Peak -14.2 dB

6.5. Description of Available Antennas

| An No | | Brand Name | Model Name | Ant. Type | Maximum Gain (dBi) |
|----------|-----------|------------|------------|-----------|-----------------------|
| 1 | Chain (0) | N/A | N/A | PIFA | 0.6 |

*The above antenna information was provided from customer and for more detailed features description, please refer the manufacturer's specification or user's manual, the laboratory shall not be held responsible.



6.6. Test Mode Applicability and Tested Channel Detail

- The fundamental of the EUT was investigated in three orthogonal axes X-Y/Y-Z/X-Z, it was determined that Y-Z plane was worst-case. Therefore, all final radiated testing was performed with the EUT in Y-Z plane.
- The EUT has two power source types:
 a). 3.7 Vdc from battery, and
 b). 3.7 Vdc from battery with 5Vdc from the host,
 the worst case was 3.7 Vdc from battery with 5Vdc from the host, therefore recorded this test result in this report.
- For below 30MHz testing, investigation was done on three antenna orientations (parallel, perpendicular, and ground-parallel), parallel and perpendicular are the worst orientations, therefore testing was performed on these two orientations only.
- For AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.

| Test Item | Modulation Type | Available Channel | Test Channel |
|-------------------------------------|--------------------|-------------------|--------------|
| Radiated Emissions | GFSK | 0 to 12 | 0,6,12 |
| AC Power Line Conducted Emission | GFSK | 0 to 12 | 6 |



7. Test Equipment

| | | Test Equipmen | t List | | | |
|--|--------------------|-----------------------------|--------------------------|------------|-----------------|--|
| Equipment | Manufacturer | Model No. | Serial No. | Cal. Date | Expired date | |
| | F | Radiated Spurious | Emission | | | |
| Spectrum Analyzer Keysight | | N9010A | MY56070834 | 2022/10/24 | 2023/10/23 | |
| EMI Test Receiver | Rohde & Schwarz | ESR7 | 101754 | 2022/12/13 | 2023/12/12 | |
| Loop Antenna | ETS lindgren | 6502 | 00213440 | 2023/1/4 | 2024/1/3 | |
| Trilog- | | VULB 9168 & N- 6-05 | 774 & AT- N0538 | 2023/2/13 | 2024/2/12 | |
| Horn Antenna (1-18 GHz) Schwarzbeck | | BBHA 9120 D | 01690 | 2022/12/21 | 2023/12/20 | |
| Preamplifier (30-1000 MHz) | EMCI | EMC330E | 980405 | 2022/6/7 | 2023/6/6 | |
| Preamplifier (1-18 GHz) | EMCI | EMC051835BE 980406 | | 2023/2/17 | 2024/2/16 | |
| Cables | Hanyitek | K1K50-UP0264- K1K50-2500 | 170214-4 & 170425-2 | 2022/12/1 | 2023/11/30 | |
| | AC p | ower Line Conduc | cted Emission | | | |
| EMI Test Receiver | Rohde & Schwarz | ESR7 | 101753 | 2022/11/10 | 2023/11/9 | |
| Two-Line V- Network | Rohde & Schwarz | ENV216 | 102136 | 2022/8/29 | 2023/8/28 | |
| Impuls- Begrenzer Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 102219-Qt | 2022/8/30 | 2023/8/29 | |
| Cables | TITAN | CFD200 | T0732ACFD2 0020A300-2 | 2022/4/9 | 2023/4/8 | |

| UL Sof | ftware | | | | |
|----------------------------------|--------|---------------|--|--|--|
| Description | Name | Version | | | |
| Radiated measurement | e3 | 6.191211 (V6) | | | |
| AC power Line Conducted Emission | EZ_EMC | UL-3A1.2 | | | |



8. Description of Test Setup

Support Equipment

| ID Equipment | | Brand Name | Brand Name Model Name S/N | | | |
|--------------|-------------|------------|---------------------------|----------|--------------------|--|
| А | Laptop | Lenovo | T460 | PC0FWU5Y | Provided by Lab | |
| В | Charge case | NA | PARACS01 | NA | Supplied by client | |
| C | Adapter | MERRYING | MKS-0502000 | NA | Supplied by client | |

I/O Cables

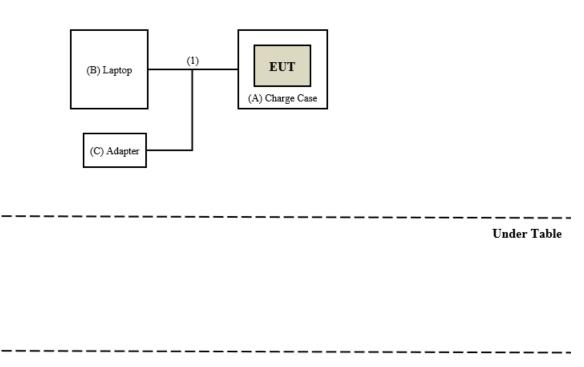
| ID | Equipment | Brand Name | Model Name | Length (m) | Remark |
|----|-------------------|------------|------------|------------|--------------------|
| 1 | UART to USB cable | NA | NA | 2 | Supplied by client |



Test Setup

Controlled using a bespoke application (YAT 2.4.1) on a test Notebook. The application was used to enable a continuous transmission mode and to select the test channels, data rates, modulation schemes and power setting as required.

Setup Diagram for Test



Remote Site



9. Test Result

9.1. Radiated Spurious Emission

Requirements

The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following

| Fundamental Frequency (MHz) | Field Strength of Fundamental (millivolts/meter) | Field Strength of Harmonics (microvolts/meter) |
|-----------------------------|--|---|
| 902 ~ 928 MHz | 50 | 500 |
| 2400 ~ 2483.5 MHz | 50 | 500 |
| 5725 ~ 5875 MHz | 50 | 500 |
| 24 ~ 24.25 GHz | 250 | 2500 |

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits as below table, whichever is the lesser attenuation

| Frequencies (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|----------------------|--------------------------------------|----------------------------------|
| 0.009 ~ 0.490 | 2400/F(kHz) | 300 |
| 0.490 ~ 1.705 | 24000/F(kHz) | 30 |
| 1.705 ~ 30.0 | 30 | 30 |
| 30 ~ 88 | 100 | 3 |
| 88 ~ 216 | 150 | 3 |
| 216 ~ 960 | 200 | 3 |
| Above 960 | 500 | 3 |

Note :

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

- 2. Emission level $(dBuV/m) = 20 \log Emission level (uV/m)$.
- 3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

Underwriters Laboratories Taiwan Co., Ltd.



Test Procedures

[For $9 \text{ kHz} \sim 30 \text{ MHz}$]

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. For measurement below 30MHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

[For above 30 MHz]

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
- f. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

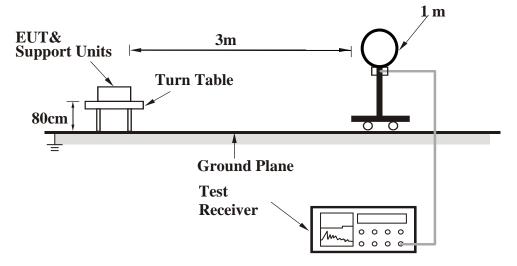


Note:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
- 3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.
- 4. All modes of operation were investigated (includes all external accessories) and the worst-case emissions are reported, the other emission levels were low against the limit.
- 5. Test data of Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
- 6. Test data of Margin(dB) = Result value (dBuV/m) Limit value (dBuV/m).
- 7. Test data of Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) Preamp Factor (dB).
- 8. Test data of Notation "@" = Fundamental Frequency
- 9. Test data of Notation " * " = The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.

Test Setup

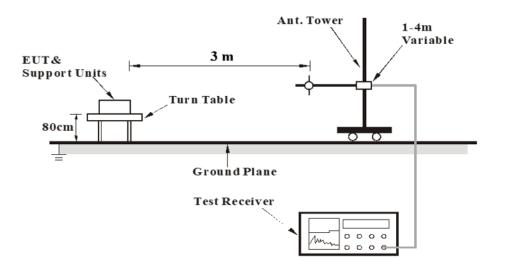
<Frequency Range 9 kHz ~ 30 MHz>



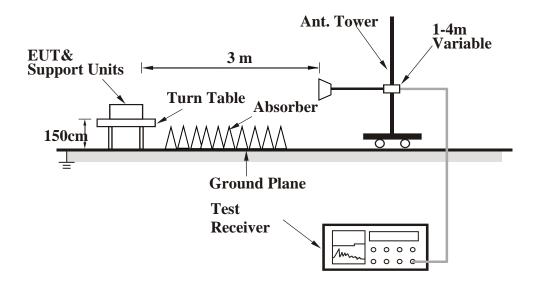


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| | |

<Frequency Range 30 MHz ~ 1 GHz >



<Frequency Range above 1 GHz>



For the actual test configuration, please refer to the Setup Configurations.



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Test Data

۸h 1 CH

| Mode | SRD | | | Char | nnel 0 | | | |
|--------------|----------|-----------|---------|---------|----------|----------|--------|--------|
| | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
| | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kemark |
| | * | 1830.6 | 58.97 | -7.78 | 51.19 | 74 | -22.81 | PK |
| | * | 2745.9 | 48.55 | -3.44 | 45.11 | 74 | -28.89 | PK |
| - | * | 3661.2 | 40.32 | -0.42 | 39.9 | 74 | -34.1 | PK |
| - | * | 4576.5 | 45.02 | 4.07 | 49.09 | 74 | -24.91 | PK |
| II | | 5491.8 | 46.55 | 8.05 | 54.6 | 74 | -19.4 | PK |
| Horizontal | | 5491.8 | 32.35 | 8.05 | 40.4 | 54 | -13.6 | AVG |
| | * | 6407.1 | 41.6 | 11.61 | 53.21 | 74 | -20.79 | PK |
| | * | 7322.4 | 34.53 | 15 | 49.53 | 74 | -24.47 | PK |
| | * | 8237.7 | 33.52 | 16.02 | 49.54 | 74 | -24.46 | PK |
| | * | 9153 | 31.94 | 17.83 | 49.77 | 74 | -24.23 | PK |
| | * | 1830.6 | 57.89 | -7.78 | 50.11 | 74 | -23.89 | PK |
| | * | 2745.9 | 50.09 | -3.44 | 46.65 | 74 | -27.35 | PK |
| | * | 3661.2 | 43.81 | -0.42 | 43.39 | 74 | -30.61 | PK |
| | * | 4576.5 | 42.9 | 4.07 | 46.97 | 74 | -27.03 | PK |
| XX .* 1 | | 5491.8 | 45.59 | 8.05 | 53.64 | 74 | -20.36 | PK |
| Vertical | | 5491.8 | 31.39 | 8.05 | 39.44 | 54 | -14.56 | AVG |
| | * | 6407.1 | 40.14 | 11.61 | 51.75 | 74 | -22.25 | PK |
| | * | 7322.4 | 34.18 | 15 | 49.18 | 74 | -24.82 | PK |
| | * | 8237.7 | 33.16 | 16.02 | 49.18 | 74 | -24.82 | PK |
| F | * | 9153 | 32.01 | 17.83 | 49.84 | 74 | -24.16 | PK |

| X, SRD (Ch 0) | | | | | | | | | | TX, SRD (Ch 0) | | | | | | | | | | |
|--|---|-----------------|---|---|---|--|---|--------------------------------------|--------------|----------------|-------------------|-----|------------------|---|---|---|---|---|-----|----------------|
| Radiated Spurious Emission, Horizontal | | | | | | | | Radiated Spurious Emission, Vertical | | | | | | | | | | | | |
| e 34 | | st Data/Project | | | | | | | | | Data: 35 | | E3 Test Data Pro | | | | | | | |
| Level (dBuV/m) | | | | | | | | | Date: 02-24- | 2023 | 100 Level (dBuV/m | | | | | | | | Dar | te: 02-24-2023 |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | - | 90 | | | | | | _ | | | |
| | | | | | | | | | | | 80 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 70 | | | | | | _ | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | 6 | 7 | | | | | | 60 | | | | 6 | | _ | | | |
| 1 | | | 4 | | | | 3 | 9 | 10 | | 50 | | | | Ť | 1 | 8 | 9 | 10 | |
| Ĭ | 2 | | | | | | | | | | | ĺĺí | 3 | 1 | | | | | | |
| 0 | | 3 | | | | | | | | | 40 | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | 30 | | | | | | | | | |
| 0 | | | | | | | | | | - | 20 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | - | 10 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |



| Mode | SRD | | | Char | nnel 6 | | | |
|--------------|----------|-----------|---------|---------|----------|----------|--------|----------|
| | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
| rolalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kelliark |
| | * | 1833 | 59.2 | -7.76 | 51.44 | 74 | -22.56 | PK |
| | * | 2749.5 | 47.46 | -3.41 | 44.05 | 74 | -29.95 | PK |
| | * | 3666 | 42.94 | -0.42 | 42.52 | 74 | -31.48 | PK |
| | * | 4582.5 | 43.24 | 4.14 | 47.38 | 74 | -26.62 | PK |
| Hani-antal | | 5499 | 45.83 | 8.07 | 53.9 | 74 | -20.1 | PK |
| Horizontal | | 5499 | 31.63 | 8.07 | 39.7 | 54 | -14.3 | AVG |
| - | * | 6415.5 | 38.31 | 11.65 | 49.96 | 74 | -24.04 | PK |
| | * | 7332 | 37.52 | 15.05 | 52.57 | 74 | -21.43 | PK |
| | * | 8248.5 | 32.55 | 16.02 | 48.57 | 74 | -25.43 | PK |
| | * | 9165 | 33.16 | 17.88 | 51.04 | 74 | -22.96 | PK |
| | * | 1833 | 59.07 | -7.76 | 51.31 | 74 | -22.69 | PK |
| | * | 2749.5 | 51.98 | -3.41 | 48.57 | 74 | -25.43 | PK |
| | * | 3666 | 44.14 | -0.42 | 43.72 | 74 | -30.28 | PK |
| | * | 4582.5 | 41.56 | 4.14 | 45.7 | 74 | -28.3 | PK |
| Mantiaal | * | 5499 | 45.08 | 8.07 | 53.15 | 74 | -20.85 | PK |
| Vertical | | 6415.5 | 43.71 | 11.65 | 55.36 | 74 | -18.64 | PK |
| | | 6415.5 | 29.51 | 11.65 | 41.16 | 54 | -12.84 | AVG |
| | * | 7332 | 36.68 | 15.05 | 51.73 | 74 | -22.27 | PK |
| | * | 8248.5 | 33.42 | 16.02 | 49.44 | 74 | -24.56 | РК |
| | * | 9165 | 33.02 | 17.88 | 50.9 | 74 | -23.1 | PK |

| | (Ch | | _ | | | | | | | | | | , SR | | | | | | - | . . | | | |
|-------------------|----------------|------|------|------|------|------------|--------|------|--------------|----|---|---|-------|------|-------|-------|-----|-------|------------------|------------|------|---|----|
| adiated | l Spu | riou | s En | niss | sion | i, H | oriz | zont | tal | | | Rac | liate | d Sp | ourio | ous l | Emi | ssioi | 1, V | 'ert | ical | | |
| E 30 | File: D:\E3 Te | | | | | | | | | | | Data: 31 File: D:/E3 Test Data/Project/ULT/4789943494_KIR08/4789943494_KIR08.EM6 (47) | | | | | | | | | | | |
| DorLevel (dBuV/m) | wel (dBuVim) | | | | | Date: 02-2 | 4-2023 | 100 | vel (dBuV/m) | | | | | | | | | | Date: 02-24-2023 | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | - | - | | | _ | 90 | | - | - | | | | | - | | | |
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| 0 | | | | | 6 | | | | | | | 60 | | | | | | 5 | 7 | | | | |
| 0 | | | 4 | | | 7 | 1 | | 9 | 10 | | 50 | | | 2 | | | Ĭ | | 0 | 1 | 9 | 10 |
| - | 2 | 3 | Ĩ | | | | | | | | | | | | | 3 | 1 | | | | | | |
| 0 | | | | - | | | | | | | - | 40 | | | | | - | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | 30 | | | | | | | | | | | |
| 0 | | | | _ | | _ | | | | | _ | 20 | | | | | | _ | _ | _ | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | 10 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |



| Mode | SRD | | | Char | inel 12 | | | |
|--------------|----------|-----------|---------|---------|----------|----------|--------|---------|
| | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kennark |
| | * | 1835.4 | 57.07 | -7.73 | 49.34 | 74 | -24.66 | PK |
| | * | 2753.1 | 47.85 | -3.4 | 44.45 | 74 | -29.55 | PK |
| | * | 3670.8 | 44.86 | -0.41 | 44.45 | 74 | -29.55 | PK |
| | * | 4588.5 | 43.15 | 4.19 | 47.34 | 74 | -26.66 | PK |
| | | 5506.2 | 49.68 | 8.07 | 57.75 | 74 | -16.25 | РК |
| Horizontal | | 5506.2 | 35.48 | 8.07 | 43.55 | 54 | -10.45 | AVG |
| | | 6423.9 | 44.28 | 11.7 | 55.98 | 74 | -18.02 | PK |
| | | 6423.9 | 30.08 | 11.7 | 41.78 | 54 | -12.22 | AVG |
| | * | 7341.6 | 35.04 | 15.09 | 50.13 | 74 | -23.87 | PK |
| | * | 8259.3 | 33.58 | 15.97 | 49.55 | 74 | -24.45 | PK |
| | * | 9177 | 31.83 | 17.94 | 49.77 | 74 | -24.23 | PK |
| | * | 1835.4 | 59.58 | -7.73 | 51.85 | 74 | -22.15 | PK |
| | * | 2753.1 | 45.89 | -3.4 | 42.49 | 74 | -31.51 | PK |
| | * | 3670.8 | 41.39 | -0.41 | 40.98 | 74 | -33.02 | PK |
| | * | 4588.5 | 42.23 | 4.19 | 46.42 | 74 | -27.58 | PK |
| Vertical | | 5506.2 | 47.44 | 8.07 | 55.51 | 74 | -18.49 | PK |
| vertical | | 5506.2 | 33.24 | 8.07 | 41.31 | 54 | -12.69 | AVG |
| | * | 6423.9 | 39.6 | 11.7 | 51.3 | 74 | -22.7 | PK |
| | * | 7341.6 | 33.6 | 15.09 | 48.69 | 74 | -25.31 | РК |
| | * | 8259.3 | 33.46 | 15.97 | 49.43 | 74 | -24.57 | РК |
| | * | 9177 | 31.97 | 17.94 | 49.91 | 74 | -24.09 | РК |

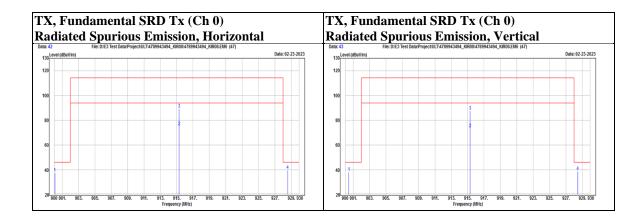
| | (Ch 1 | • - | | | | | | | TX, SRD | ia i | · | | | |
|----------------|--------------|-------------------|-------|-------|-----|------|-----|------------------|---------------------|----------|-------|---------|----------|------------------|
| ndiated | l Spur | ious E | inise | sion, | Hor | izon | tal | | Radiated | i Spurio | us Em | ission, | Vertical | |
| 32 | | DatalProject/ULT\ | | | | | | | Data: 33 | | | | | |
| Level (dBuVim) | | | | | | | | Date: 02-24-2023 | 2023 Level (dBuV/m) | | | | | Date: 02-24-2023 |
| | | | | | | | | | 100 | | | | | |
|) | | | | | | | | | 90 | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | 80 | | | | | |
| | | | _ | _ | | | | | 70 | | | | | |
| | | | | | | | | | ,,, | | | | | |
| | | | | 6 | 8 | | | | 60 | | | 6 | | |
| 1 | | | | | + | 9 | 10 | 11 | + | | | 1 7 | 0 9 | 10 |
| | 2 | 3 | 4 | | | | Ĩ | | 50 | 2 | 1 | | i i | |
| | | | | L | | | | | 40 | î i | | 5 | | |
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| | | | | | | | | | 30 | | | | | |
| | | | | | | | | | 20 | | | | | |
| | | | | | | | | | 20 | | | | | |
| | | | | | | | | | 10 | | | | | |
| | | | | | | | | | | | | | | |



| Test report No. | : 4789943494A-US-R0-V0 |
|-----------------|------------------------|
| Page | : 22 of 33 |
| Issued date | : 2023/10/17 |
| FCC ID | : G7H-SPRWB01 |

Below 1 GHz

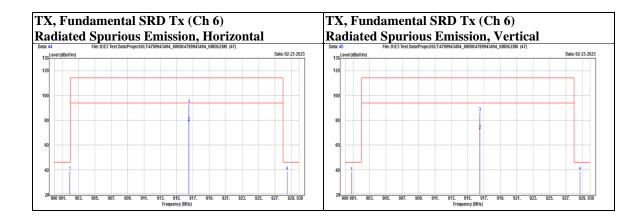
| Mode | Fundam | ental SRD | Tx | Char | nnel 0 | | | |
|--------------|----------|-----------|---------|---------|----------|----------|--------|----------|
| | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kelliark |
| | | 900.09 | 29.17 | 8.17 | 37.34 | 46 | -8.66 | PK |
| Horizontal | @ | 915.3 | 80.32 | 8.65 | 88.97 | 114 | -25.03 | PK |
| Horizontai | @ | 915.3 | 66.12 | 8.65 | 74.77 | 94 | -19.23 | AVG |
| Ī | | 928.59 | 30.82 | 8.77 | 39.59 | 46 | -6.41 | PK |
| | | 900.45 | 30 | 8.18 | 38.18 | 46 | -7.82 | PK |
| Vartical | @ | 915.3 | 78.76 | 8.65 | 87.41 | 114 | -26.59 | PK |
| Vertical | @ | 915.3 | 64.56 | 8.65 | 73.21 | 94 | -20.79 | AVG |
| - | | 928.47 | 29.82 | 8.77 | 38.59 | 46 | -7.41 | PK |





| : 4789943494A-US-R0-V0 |
|------------------------|
| : 23 of 33 |
| : 2023/10/17 |
| : G7H-SPRWB01 |
| |

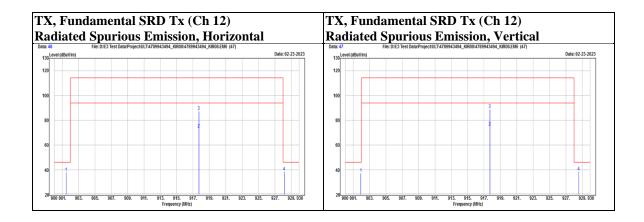
| Mode | Fundam | ental SRD | Tx | Char | inel 6 | | | |
|--------------|----------|-----------|---------|---------|----------|----------|--------|---------|
| | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kennark |
| | | 901.92 | 30.35 | 8.23 | 38.58 | 46 | -7.42 | PK |
| Horizontal | @ | 916.5 | 83.87 | 8.64 | 92.51 | 114 | -21.49 | PK |
| Horizontai | @ | 916.5 | 69.67 | 8.64 | 78.31 | 94 | -15.69 | AVG |
| | | 928.5 | 29.88 | 8.77 | 38.65 | 46 | -7.35 | PK |
| | | 900.78 | 29.83 | 8.19 | 38.02 | 46 | -7.98 | PK |
| Vartical | @ | 916.5 | 77.66 | 8.64 | 86.3 | 114 | -27.7 | PK |
| Vertical | @ | 916.5 | 63.46 | 8.64 | 72.1 | 94 | -21.9 | AVG |
| | | 928.74 | 29.9 | 8.77 | 38.67 | 46 | -7.33 | РК |





| : 4789943494A-US-R0-V0 |
|------------------------|
| : 24 of 33 |
| : 2023/10/17 |
| : G7H-SPRWB01 |
| |

| Mode | Fundam | ental SRD | Tx | Char | nnel 12 | | | | |
|--------------|----------|-----------|---------|---------|----------|----------|--------|---------|--|
| | | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Domoria | |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Remark | |
| | | 901.47 | 29.57 | 8.2 | 37.77 | 46 | -8.23 | PK | |
| Horizontal | @ | 917.7 | 78.52 | 8.62 | 87.14 | 114 | -26.86 | PK | |
| Horizontai | @ | 917.7 | 64.32 | 8.62 | 72.94 | 94 | -21.06 | AVG | |
| | | 928.17 | 29.59 | 8.77 | 38.36 | 46 | -7.64 | PK | |
| | | 901.92 | 29.03 | 8.23 | 37.26 | 46 | -8.74 | PK | |
| Vartical | @ | 917.7 | 80.09 | 8.62 | 88.71 | 114 | -25.29 | PK | |
| Vertical | @ | 917.7 | 65.89 | 8.62 | 74.51 | 94 | -19.49 | AVG | |
| | | 928.59 | 29.65 | 8.77 | 38.42 | 46 | -7.58 | РК | |





| Mode | SRD | | | Char | nnel 0 | | | |
|--------------|----------|-----------|---------|---------|----------|----------|--------|--------|
| | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kemark |
| | | 48.43 | 25.25 | -5.81 | 19.44 | 40 | -20.56 | PK |
| | | 144.46 | 31.71 | -6.06 | 25.65 | 43.5 | -17.85 | PK |
| Horizontal | | 191.99 | 36.99 | -7.97 | 29.02 | 43.5 | -14.48 | PK |
| Horizontai | | 288.02 | 33.11 | -4.96 | 28.15 | 46 | -17.85 | PK |
| | | 640.13 | 25.72 | 3.92 | 29.64 | 46 | -16.36 | PK |
| | | 883.6 | 25.32 | 7.81 | 33.13 | 46 | -12.87 | PK |
| | | 42.61 | 31.12 | -6.23 | 24.89 | 40 | -15.11 | PK |
| | | 159.98 | 30.65 | -5.49 | 25.16 | 43.5 | -18.34 | PK |
| Ventie 1 | | 323.91 | 30.97 | -3.98 | 26.99 | 46 | -19.01 | РК |
| Vertical | | 668.26 | 26.08 | 4.19 | 30.27 | 46 | -15.73 | PK |
| | | 711.91 | 26.05 | 5.13 | 31.18 | 46 | -14.82 | PK |
| | | 825.4 | 26.12 | 6.83 | 32.95 | 46 | -13.05 | РК |

| | D (Ch 0) | | | TX, SRD | | | | | |
|----------------|-----------------------------------|---------------------------------------|------------------|-------------------|--|------|--|--|--|
| ndiateo | d Spurious I | Emission, Hor | izontal | Radiated | Spurious Emission, Vertica | al | | | |
| 36 | File: D:IE3 Test Data/Project/ULT | \4789943494_KIR08\4789943494_KIR08.EM | 5 (47) | Data: 37 | Data: 37 File: D:E3 Test Data/Project/ULT/4789943494_KIR08/4789943494_KIR08.EM6 (47) | | | | |
| Level (dBuV/m) | | | Date: 02-23-2023 | 80 Level (dBuVim) | | | | | |
| 1 | | | | | | | | | |
| . | | | | 70 | | | | | |
| | | | | | | | | | |
| | | | | 60 | | | | | |
| | | | | | | | | | |
| | | | -6d8 | 50 | | -6dB | | | |
| | | | | | | | | | |
| | | | | 40 | | | | | |
| | | | 6 | | | 6 | | | |
| | 3 4 | 5 | | 30 | 3 4 1 | | | | |
| | ž l | | | | | | | | |
| 1 | | | | 20 | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | 00. 500. 600. 700 | 800. 900. 1000 | 0 30 100. | | | | | |



| Mode | SRD Channel 6 | | | | | | | | | | | |
|--------------|---------------|-----------|---------|---------|----------|----------|--------|--------|--|--|--|--|
| | | | | | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark | | | | |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kemark | | | | |
| | | 143.49 | 31.43 | -6.06 | 25.37 | 43.5 | -18.13 | PK | | | | |
| | | 167.74 | 33.92 | -5.7 | 28.22 | 43.5 | -15.28 | PK | | | | |
| Horizontal | | 191.99 | 37.71 | -7.97 | 29.74 | 43.5 | -13.76 | PK | | | | |
| Horizolitai | | 323.91 | 28.35 | -3.98 | 24.37 | 46 | -21.63 | PK | | | | |
| | | 657.59 | 25.22 | 3.93 | 29.15 | 46 | -16.85 | PK | | | | |
| | | 833.16 | 25.18 | 7.07 | 32.25 | 46 | -13.75 | PK | | | | |
| | | 50.37 | 29.49 | -5.86 | 23.63 | 40 | -16.37 | PK | | | | |
| | | 167.74 | 29.31 | -5.7 | 23.61 | 43.5 | -19.89 | PK | | | | |
| Vartical | | 323.91 | 28.52 | -3.98 | 24.54 | 46 | -21.46 | PK | | | | |
| Vertical | | 600.36 | 26.03 | 3.37 | 29.4 | 46 | -16.6 | PK | | | | |
| | | 763.32 | 25.43 | 6.24 | 31.67 | 46 | -14.33 | PK | | | | |
| | | 871.96 | 25.29 | 7.74 | 33.03 | 46 | -12.97 | РК | | | | |

| adiate | liated Spurious Emission, Horizontal | | | | D (Ch 6) d Spurious En | nission, Vertical | |
|----------------|---|---|------------------|-------------------|---------------------------|---------------------------------------|------------------|
| 38 | File: D:IE3 Test Data/Project/ULT/4789943 | | Jiitai | Data: 39 | | 43494_KIR08i4789943494_KIR08.EM6 (47) | |
| Level (dBuV/m) | | | Date: 02-23-2023 | 80 Level (dBuV/m) | | | Date: 02-23-2023 |
| | | | | | | | |
| | | | | 70 | | | |
| | | | | 60 | | | |
| | | | -6dB | 50 | | | -6dB |
| | | | | | | | |
| | | | 6 | 40 | | | 6 |
| | 2 3 | 5 | | 30 | | | |
| | i | | | 20 | | | |
| | | | | | | | |
| | | | | 10 | | | |



| Mode | SRD Channel 12 | | | | | | | | | |
|--------------|----------------|-----------|---------|---------|----------|----------|--------|----------|--|--|
| | | | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark | | |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kelliark | | |
| | | 144.46 | 31.87 | -6.06 | 25.81 | 43.5 | -17.69 | PK | | |
| | | 191.99 | 37.36 | -7.97 | 29.39 | 43.5 | -14.11 | PK | | |
| Horizontal | | 323.91 | 28.09 | -3.98 | 24.11 | 46 | -21.89 | PK | | |
| Horizoittai | | 584.84 | 24.18 | 2.79 | 26.97 | 46 | -19.03 | PK | | |
| | | 705.12 | 24.62 | 4.77 | 29.39 | 46 | -16.61 | PK | | |
| | | 842.86 | 25.63 | 7.13 | 32.76 | 46 | -13.24 | PK | | |
| | | 71.71 | 30.57 | -8.31 | 22.26 | 40 | -17.74 | PK | | |
| | | 167.74 | 29.55 | -5.7 | 23.85 | 43.5 | -19.65 | PK | | |
| Vertical | | 323.91 | 28.35 | -3.98 | 24.37 | 46 | -21.63 | PK | | |
| vertical | | 535.37 | 25.57 | 1.41 | 26.98 | 46 | -19.02 | PK | | |
| | | 755.56 | 25.5 | 6.34 | 31.84 | 46 | -14.16 | PK | | |
| | | 877.78 | 25.33 | 7.73 | 33.06 | 46 | -12.94 | РК | | |

| adiated Spurious Emission, Horizontal Radiated Spurious Emission, Vertic K 40 File: DE2 Test DataPropectULTA789942484_VRI00.479964444444444444444444444444444444444 |) |
|--|------------------|
| | |
| 04te (02.2.3.023 80) evel (680/1/m) | |
| | Date: 02-23-2023 |
| | |
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| 60 | |
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| <u>608</u> 50 | -6dB |
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| Test report No. | : 4789943494A-US-R0-V0 |
|-----------------|------------------------|
| Page | : 28 of 33 |
| Issued date | : 2023/10/17 |
| FCC ID | : G7H-SPRWB01 |

| Mode | SRD Ch | RD Charging Channel N/A | | | | | | | |
|--------------|----------|-------------------------|---------|---------|----------|----------|--------|---------|--|
| | | | | | | | | | |
| Polarization | Notation | Frequency | Reading | Correct | Result | Limit | Margin | Remark | |
| Folalization | Notation | (MHz) | (dBuV) | (dB/m) | (dBuV/m) | (dBuV/m) | (dB) | Kennark | |
| | | 124.09 | 31.5 | -7.88 | 23.62 | 43.5 | -19.88 | PK | |
| | | 167.74 | 33.05 | -5.7 | 27.35 | 43.5 | -16.15 | PK | |
| Horizontal | | 191.99 | 36.99 | -7.97 | 29.02 | 43.5 | -14.48 | PK | |
| Horizontai | | 288.02 | 33.11 | -4.96 | 28.15 | 46 | -17.85 | PK | |
| | | 587.75 | 25.72 | 2.92 | 28.64 | 46 | -17.36 | PK | |
| | | 865.17 | 25.29 | 7.66 | 32.95 | 46 | -13.05 | PK | |
| | | 42.61 | 31.12 | -6.23 | 24.89 | 40 | -15.11 | PK | |
| | | 159.98 | 30.65 | -5.49 | 25.16 | 43.5 | -18.34 | PK | |
| Vertical | | 280.26 | 28.94 | -5.21 | 23.73 | 46 | -22.27 | PK | |
| vertical | | 461.65 | 26.76 | -0.06 | 26.7 | 46 | -19.3 | PK | |
| | | 652.74 | 25.7 | 4.06 | 29.76 | 46 | -16.24 | PK | |
| | | 755.56 | 25.41 | 6.34 | 31.75 | 46 | -14.25 | РК | |

| | ad Constant | Emission, Hori | | TX, SRD Charging (N/A) Radiated Spurious Emission, Vertical | | | | |
|---------------|---------------------------------|--|------------------|--|---|------------------|--|--|
| | | | | | | | | |
| 56 | File: D:\E3 Test Data Project\U | LT/4789943494_KIR08/4789943494_KIR08.EM6 | (· · ·) | Data: 67 File: D: | E3 Test DatalProject/ULT/4789943494_KIR08/4789943494_KIR08.EM6 (71) | | | |
| Level (dBuV/m | m) | | Date: 03-09-2023 | 80 Level (dBuV/m) | | Date: 03-09-2023 | | |
| | | | | | | | | |
| | | | | 70 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | 60 | | | | |
| | | | | | | | | |
| | | | -6dB | 50 | | -6dB | | |
| | | | | | | | | |
| | | | | 40 | | | | |
| | | | | | | | | |
| | | | 6 | | 6 | | | |
| | 2 3 4 | | 6 | 30 | 5 6 | | | |
| | | 5 | 6 | 30 | 3 4 5 6 | | | |
| | | 6 | 6 | 30 | 3 4 5 6 | | | |
| | 2 3 4 | 5 | 6 | 30 1 2 2 | 3 4 5 6 | | | |
| | 2 3 4 | 5 | 6 | 30 | 5 6 3 4 5 6 | | | |
| | | S | 6 | 30 1 2 20 10 | 3 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | | | |



9 kHz ~ 30 MHz Data:

For 9 kHz to 30 MHz radiated emission have performed all modes of operation were investigated. The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

No non-compliance noted: KDB 414788 D01 OATS and Chamber Correlation Justification

- Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

- OATs and chamber correlation testing had been performed and chamber measured test results is the worst case test result.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.



9.2. AC Power Line Conducted Emission

Requirements

| Enoquonov (MHz) | Conducted limit (dBµV) | | | | |
|-----------------|------------------------|---------|--|--|--|
| Frequency (MHz) | Quasi-peak | Average | | | |
| 0.15 - 0.5 | 66 - 56 | 56 - 46 | | | |
| 0.50 - 5.0 | 56 | 46 | | | |
| 5.0 - 30 | 60 | 50 | | | |

Note :

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

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

Test Procedures

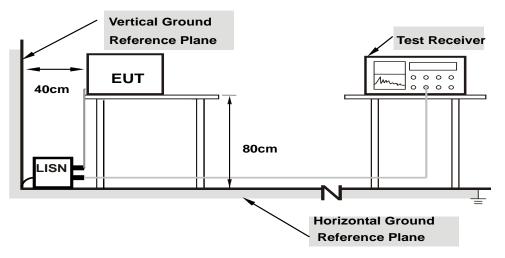
- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit 20dB) was not recorded.

NOTE:

- 1. The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.
- 2. All modes of operation were investigated (includes all external accessories) and the worst-case emissions are reported, the other emission levels were low against the limit.
- 3. Test data of Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB).
- 4. Test data of Margin(dB) = Result value (dBuV) Limit value (dBuV).
- 5. Test data of Correction Factor (dB) = Insertion loss(dB) + Cable loss(dB).



Test Setup

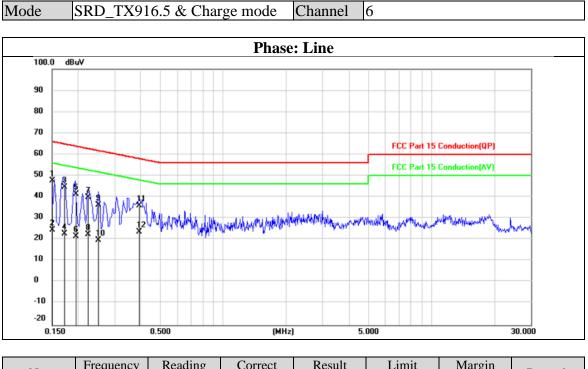


Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the Setup Configurations.



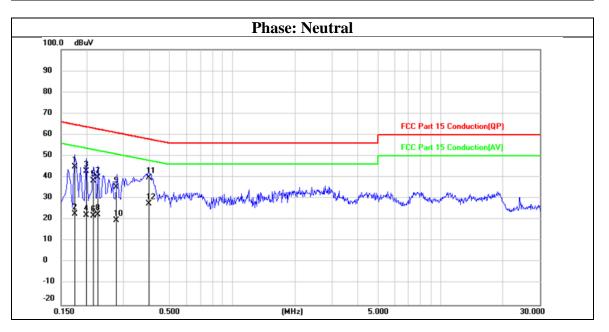
<u>Test Data</u>



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|------|-----------|---------|---------|--------|--------|--------|----------|
| INO. | (MHz) | (dBuV) | (dB) | (dBuV) | (dBuV) | (dB) | Kelliark |
| 1 | 0.1505 | 28.10 | 19.53 | 47.63 | 65.97 | -18.34 | QP |
| 2 | 0.1505 | 5.07 | 19.53 | 24.60 | 55.97 | -31.37 | AVG |
| 3 | 0.1728 | 25.23 | 19.53 | 44.76 | 64.82 | -20.06 | QP |
| 4 | 0.1728 | 3.12 | 19.53 | 22.65 | 54.82 | -32.17 | AVG |
| 5 | 0.1958 | 21.80 | 19.53 | 41.33 | 63.79 | -22.46 | QP |
| 6 | 0.1958 | 1.99 | 19.53 | 21.52 | 53.79 | -32.27 | AVG |
| 7 | 0.2228 | 20.29 | 19.53 | 39.82 | 62.71 | -22.89 | QP |
| 8 | 0.2228 | 3.00 | 19.53 | 22.53 | 52.71 | -30.18 | AVG |
| 9 | 0.2498 | 16.64 | 19.53 | 36.17 | 61.76 | -25.59 | QP |
| 10 | 0.2498 | 0.25 | 19.53 | 19.78 | 51.76 | -31.98 | AVG |
| 11 | 0.3928 | 16.40 | 19.53 | 35.93 | 58.00 | -22.07 | QP |
| 12 | 0.3928 | 4.03 | 19.53 | 23.56 | 48.00 | -24.44 | AVG |



Mode SRD_TX916.5 & Charge mode Channel 6



| Ne | Frequency | Reading | Correct | Result | Limit | Margin | Derrogerle |
|-----|-----------|---------|---------|--------|--------|--------|------------|
| No. | (MHz) | (dBuV) | (dB) | (dBuV) | (dBuV) | (dB) | Remark |
| 1 | 0.1733 | 25.38 | 19.53 | 44.91 | 64.80 | -19.89 | QP |
| 2 | 0.1733 | 3.34 | 19.53 | 22.87 | 54.80 | -31.93 | AVG |
| 3 | 0.1981 | 23.27 | 19.53 | 42.80 | 63.69 | -20.89 | QP |
| 4 | 0.1981 | 2.57 | 19.53 | 22.10 | 53.69 | -31.59 | AVG |
| 5 | 0.2143 | 18.80 | 19.53 | 38.33 | 63.04 | -24.71 | QP |
| 6 | 0.2143 | 2.21 | 19.53 | 21.74 | 53.04 | -31.30 | AVG |
| 7 | 0.2264 | 20.24 | 19.53 | 39.77 | 62.58 | -22.81 | QP |
| 8 | 0.2264 | 2.82 | 19.53 | 22.35 | 52.58 | -30.23 | AVG |
| 9 | 0.2756 | 15.88 | 19.53 | 35.41 | 60.95 | -25.54 | QP |
| 10 | 0.2756 | 0.26 | 19.53 | 19.79 | 50.95 | -31.16 | AVG |
| 11 | 0.3972 | 20.38 | 19.53 | 39.91 | 57.91 | -18.00 | QP |
| 12 | 0.3972 | 7.88 | 19.53 | 27.41 | 47.91 | -20.50 | AVG |

END OF REPORT

Underwriters Laboratories Taiwan Co., Ltd.