RF TEST REPORT



Report No.: FCC_RF_SL14090901-CPC-006_Rev1.0 Supersede Report No.: FCC_RF_SL14090901-CPC-006

| Applicant | : | ChargePoint, Inc. |
|---|---|---|
| Product Name | : | Communication Board with 802.11 WLAN module |
| Model No. | : | 241083G and PXS8 |
| Test Standard | : | 47 CRF 15.247: 2013 RSS-210 Issue 8: 2010 |
| Test Method | : | ANSI C63.10: 2009 RSS-Gen Issue 3: 2010 558074 D01 DTS Meas Guidance v03r02 |
| FCC ID | : | WLAN Module: W38-241083G WWAN Module:W38-PXS8 |
| IC ID | : | WLAN Module: 8854A-241083G WWAN Module: 8854A -PXS8 |
| Dates of test | : | Oct 2, 2014 to Oct 10, 2014 |
| Issue Date | : | 11/03/2014 |
| Test Result | : | ⊠ Pass ☐ Fail |
| Equipment complied with the specification [X] Equipment did not comply with the specification [] | | |

| This Test Report is Issued Under the Authority of: | | |
|---|-------------------|--|
| Dananeal | N. malbei G. | |
| Teody Manansala | Nima Molaei | |
| Test Engineer | Engineer Reviewer | |
| This test report may be reproduced in full only | | |
| Test result presented in this test report is applicable to the tested sample only | | |

Issued By:
SIEMIC Laboratories
775 Montague Expressway, Milpitas, 95035 CA





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|----------------|------------------------|-----------------------------------|
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| Canada | IC, A2LA, NIST | EMC, RF/Wireless, Telecom |
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| Country | Accreditation Body | Scope |
|-----------|--------------------|-----------------------|
| USA | FCC TCB, NIST | EMC, RF, Telecom |
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| Singapore | iDA, NIST | EMC, RF, Telecom |
| EU | NB | EMC & R&TTE Directive |
| Japan | MIC (RCB 208) | RF, Telecom |
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Report Revision History

| Report No. | Report Version | Description | Issue Date |
|----------------------------------|----------------|-------------------------|------------|
| FCC_RF_SL14090901-CPC-006 | None | Original | 10/15/2014 |
| FCC_RF_SL14090901-CPC-006_Rev1.0 | 1.0 | Change the product name | 11/3/2014 |
| | | | |
| | | | |
| | | | |

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2 **Executive Summary**

The purpose of this test program was to demonstrate compliance of following products

Company: ChargePoint, Inc.

Product: Communication Board with 802.11 WLAN module

Model: 241083G and PXS8

against the current Stipulated Standards. The specified model product stated above has demonstrated compliance with the Stipulated Standard listed on 1st page.

3 Customer information

| Applicant Name | : | ChargePoint, Inc. |
|----------------------|---|--|
| Applicant Address | : | 1692 Dell Ave. Campbell, CA 95008, USA |
| Manufacturer Name | : | ChargePoint, Inc. |
| Manufacturer Address | : | 1692 Dell Ave. Campbell, CA 95008, USA |

4 Test site information

| Lab performing tests | SIEMIC Laboratories |
|----------------------|---|
| Lab Address | 775 Montague Expressway, Milpitas, CA 95035 |
| FCC Test Site No. | 881796 |
| IC Test Site No. | 4842D-2 |
| VCCI Test Site No. | A0133 |

5 Modification

| Index | Item | Description | Note |
|-------|------|-------------|------|
| - | - | - | - |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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6 **EUT Information**

6.1 **EUT Description**

| Product Name | : | Communication Board with 802.11 WLAN module |
|---------------------------|---|---|
| Model No. | : | 241083G and PXS8 |
| Trade Name | : | ChargePoint |
| Serial No. | : | N/A |
| Host Model No. | : | N/A |
| Input Power | : | 5VDC |
| Power Adapter Manu/Model | : | N/A |
| Power Adapter SN | : | N/A |
| Hardware version | : | N/A |
| Software version | : | N/A |
| Date of EUT received | : | 10/02/2014 |
| Equipment Class/ Category | : | DTS |
| Clock Frequencies | : | N/A |
| Port/Connectors | : | Ethernet, Console |

6.2 Radio Description

Spec for Radio -

| Radio Type | 802.11b | 802.11g | 802.11n-20 | |
|------------------------|--------------------------------|-----------------------|--------------------------|--|
| Operating Frequency | 2412-2462MHz | 2412-2462MHz | 2412-2462MHz | |
| Modulation | DSSS | OFDM-CCK (BPSK, QPSK, | OFDM (BPSK, QPSK, 16QAM, | |
| | (CCK, DQPSK, DBPSK) | 16QAM, 64QAM) | 64QAM) | |
| Channel Spacing | 5MHz | 5MHz | 5MHz | |
| Number of Channels | 11 | 11 | 11 | |
| Antenna Type | WLAN: Embedded; WWAN: Embedded | | | |
| Antenna Gain | WLAN: 2.5 dBi; WWAN: 2.5 dBi | | | |
| Antenna Connector Type | UFL | | | |

Channel List

| Туре | | Channel No. | Frequency (MHz) | Available (Y/N) |
|----------------|-----------|-------------|-----------------|-----------------|
| | | 1 | 2412 | Y |
| | | 2 | 2417 | Y |
| | | 3 | 2422 | Y |
| | | 4 | 2427 | Y |
| | | 5 | 2432 | Y |
| 802.11b/g/n-20 | 2412-2462 | 6 | 2437 | Y |
| | | 7 | 2442 | Y |
| | | 8 | 2447 | Y |
| | | 9 | 2452 | Y |
| | | 10 | 2457 | Y |
| | | 11 | 2462 | Y |
| | | 12 | 2467 | N |
| | | 13 | 2472 | N |

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6.3 EUT test modes/configuration Description

Test mode

| Final Test Mode | | Note |
|-------------------|---|--|
| Final_test_mode_1 | EUT set to continuous transmit (802.11n-20) and GPRS 850MHz simultaneously | Radiated spurious emissions below 1GHz |
| Final_test_mode_2 | EUT set to continuous transmit (802.11n-20) and GPRS 1900MHz simultaneously | Radiated spurious emissions above 1GHz |
| Remarks: | | |

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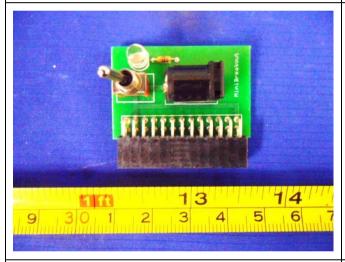
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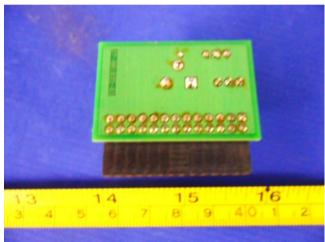
6.4 EUT Photos



EUT – PCBA 1 Component Side

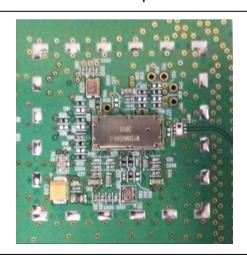
EUT - PCBA 1 Solder Side

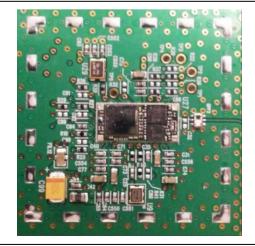




EUT - PCBA1 Component Side

EUT - PCBA1 Solder Side





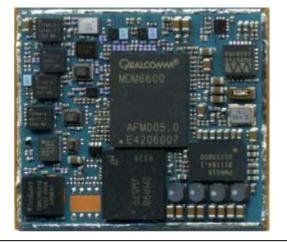
EUT – WLAN Radio with Shielding

EUT – WLAN Radio without Shielding



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EUT – WWAN Radio with Shielding

EUT – WWAN Radio without Shielding

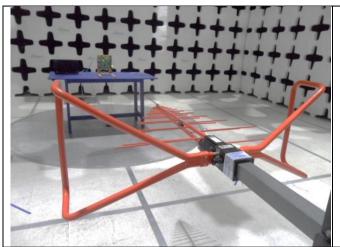
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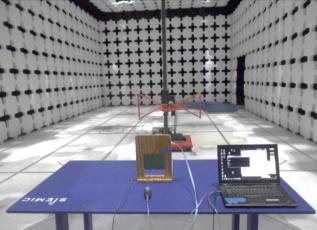




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6.5 EUT Test Setup Photos

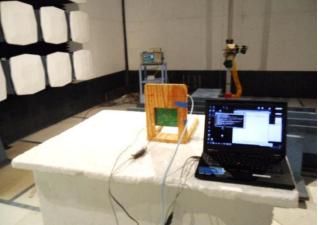




Radiated Emissions (<1GHz) – Front View



Radiated Emissions (<1GHz) – Rear View



Radiated Emissions (>1GHz) - Front View

Radiated Emissions (>1GHz) - Rear View



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Supporting Equipment/Software and cabling Description

Supporting Equipment <u>7.1</u>

| Item | Supporting Equipment Description | Model | Serial Number | Manufacturer | Note |
|------|----------------------------------|-------------|---------------|--------------|------|
| 1 | Laptop | ThinkPad | R90152737 | Lenovo | - |
| 2 | AC/DC Power Supply | EPSA050250U | - | V-Infinity | - |
| | | | | | |

7.2 **Cabling Description**

| Name | Conne | ction Start | Connect | ion Stop | Length / shi | Note | |
|------|-------|-------------------------|---------|----------|--------------|-----------|------|
| Name | From | From I/O Port | | I/O Port | Length (m) | Shielding | Note |
| - | EUT | EUT Ethernet Laptop USB | | 0.5M | No | - | |
| - | EUT | I/O | Laptop | USB | 0.5M | No | |

7.3 **Test Software Description**

| Test Item | Software | Description |
|------------|-----------------------|--|
| RF Testing | Labtool and Tera Term | Set the EUT to transmit continuously in different test modes |
| | | |
| | | |

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8 Test Summary

| Test Item | est standard | | Test Method/Procedure | Pass / Fail | |
|------------------------------|--------------|------------------------------|-----------------------|---|-----------------|
| Restricted Band of Operation | FCC/IC | 15.205 RSS 210 (2.2) | FCC/IC | ANSI C63.10 – 2009 558074 D01 DTS Meas Guidance v03r02 | ☐ Pass ☑ N/A |
| 1 F(3/3/10) 1 | | 15.207(a) RSS Gen (7.2.4) | FCC/IC | ANSI C63.10 – 2009 RSS Gen (7.2.4) | ☐ Pass ☒ N/A |

| Test Item | Test standard | | | Test Method/Procedure | | |
|--|---------------|--------------------------------|--------|---|------------------|--|
| Channel Separation | FCC/IC | 15.247 (a)(1) RSS210 (A8.1) | FCC/IC | - | ☐ Pass ☒ N/A | |
| Occupied Bandwidth | FCC/IC | 15.247 (a)(1) RSS210 (A8.1) | FCC/IC | RSS Gen (4.6.1) | ☐ Pass ☒ N/A | |
| 6 dB Bandwidth | FCC/IC | 15.247(a)(2) RSS210 (A8.2) | FCC/IC | 558074 D01 DTS Meas Guidance v03r02 | ☐ Pass ☒ N/A | |
| Number of Hopping Channels | FCC/IC | 15.247(a)(1) RSS210(A8.1) | FCC/IC | - | ☐ Pass ☒ N/A | |
| Band Edge and Radiated Spurious Emissions | FCC/IC | 15.247(d) RSS210(A8.5) | FCC/IC | ANSI C63.10 – 2009 558074 D01 DTS Meas Guidance v03r02 | □ Pass □ N/A | |
| Time of Occupancy | FCC/IC | 15.247(a)(1) RSS210(A8.1) | FCC/IC | - | ☐ Pass ☒ N/A | |
| Output Power | FCC/IC | 15.247(b) RSS210 (A8.4) | FCC/IC | 558074 D01 DTS Meas Guidance v03r02 | ☐ Pass ☒ N/A | |
| Receiver Spurious Emissions | FCC/IC | 15.247(d) RSS Gen (4.8) | FCC/IC | RSS Gen (4.6.1) | ☐ Pass ☒ N/A | |
| Antenna Gain > 6 dBi | FCC/IC | 15.247(e) RSS210(A8.4) | FCC/IC | - | ☐ Pass ☒ N/A | |
| Power Spectral Density | FCC/IC | 15.247(e) RSS210(A8.3) | FCC/IC | 558074 D01 DTS Meas Guidance v03r02 | ☐ Pass ☒ N/A | |
| Hybrid System Requirement | FCC/IC | 15.247(f) RSS210(A8.3) | FCC/IC | - | ☐ Pass ☒ N/A | |
| Hopping Capability | FCC/IC | 15.247(g) RSS210(A8.1) | FCC/IC | - | ☐ Pass ☒ N/A | |
| Hopping Coordination Requirement | FCC/IC | 15.247(h) RSS210(A8.1) | FCC/IC | - | ☐ Pass ☒ N/A | |
| RF Exposure requirement | FCC/IC | 15.247(i) RSS Gen (5.5) | FCC/IC | - | ☐ Pass ☒ N/A | |

Remark

The applicant shall ensure frequency stability by showing that an emission is maintained within the band of operation under all normal operating conditions as specified in the user's manual.





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9 **Measurement Uncertainty**

| Emissions | | | | | | | | | |
|---|-----------------|---|-------------------|--|--|--|--|--|--|
| Test Item | Frequency Range | Description | Uncertainty | | | | | | |
| Band Edge and Radiated Spurious Emissions | 30MHz – 1GHz | Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m) | +5.6dB/- 4.5dB | | | | | | |
| Band Edge and Radiated Spurious Emissions | 1GHz – 40GHz | Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m) | +4.3dB/- 4.1dB | | | | | | |

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10 Measurements, Examination and Derived Results

10.1 Radiated Emissions below 1GHz

Requirement(s):

Test Plot ⊠ Yes (See below)

| Spec | Item | Requirement | | Applicable | | | | |
|----------------------------------|----------------------|---|---|---|--|--|--|--|
| 47CFR§15.247(d), RSS210(A8.5) | a) | | | | | | | |
| Test Setup | | Ant. Tower Support Units Turn Table Ground Plane Test Receiver | | | | | | |
| Procedure | 1. 2. 3. 4. | rotation of the EUT) was chosen. b. The EUT was then rotated to the | quency points obtained from the EUT char out by rotating the EUT, changing the ant ght in the following manner: (whichever gave the higher emission leve direction that gave the maximum emission djusted to the height that gave the maximum e for that frequency point. | enna I over a full n. um emission. | | | | |
| Remark | | JT was scanned up to 1GHz. Both horizontal and the worst case. | and vertical polarities were investigated. | The results | | | | |
| Result | ⊠ Pas | ss | | | | | | |

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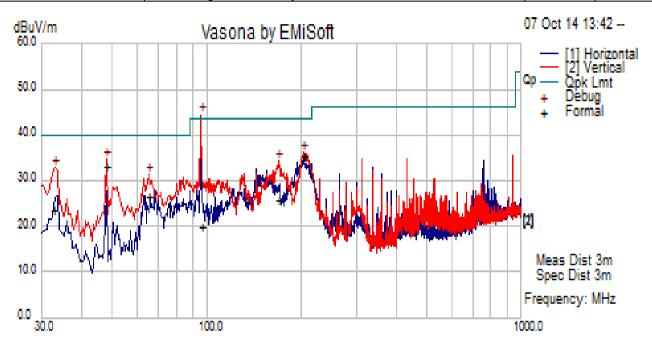
□ N/A



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Radiated Emission Test Results (Below 1GHz)

| Test specification | below 1GHz | elow 1GHz | | | | | |
|--------------------|---------------------------|-----------------|---|--|--|--|--|
| Environmental | Temp (°C): | 26.1 | | | | | |
| Conditions: | Humidity (%) | 47.5 | 7 | | | | |
| Conditions. | Atmospheric (mbar): 1020 | | | | | | |
| Mains Power: | 120VAC, 60Hz | 120VAC, 60Hz | | | | | |
| Tested by: | Teody Manansala | Teody Manansala | | | | | |
| Test Date: | 10/07/2014 | 10/07/2014 | | | | | |
| Remarks: | WLAN (802.11g 2437MF | | | | | | |
| Neillaiks. | transmitting simultaneous | | | | | | |



| Frequency MHz | Raw dBuV | Cable Loss | AF dB | Level dBuV/m | Measurement Type | Pol | Hgt cm | Azt Deg | Limit dBuV/m | Margin dB | Pass /Fail |
|------------------|-------------|---------------|----------|-----------------|---------------------|-----|-----------|------------|-----------------|--------------|---------------|
| 95.95 | 49.09 | 1.77 | -30.93 | 19.93 | Quasi Max | V | 136.00 | 100.00 | 43.50 | -23.57 | Pass |
| 47.99 | 61.40 | 1.16 | -29.44 | 33.12 | Quasi Max | V | 105.00 | 135.00 | 40.00 | -6.88 | Pass |
| 32.69 | 43.20 | 1.16 | -20.67 | 23.69 | Quasi Max | V | 131.00 | 314.00 | 40.00 | -16.31 | Pass |
| 202.96 | 60.77 | 2.52 | -27.89 | 35.40 | Quasi Max | V | 101.00 | 133.00 | 43.50 | -8.10 | Pass |
| 65.53 | 56.11 | 1.36 | -31.05 | 26.42 | Quasi Max | V | 109.00 | 356.00 | 40.00 | -13.58 | Pass |
| 168.84 | 51.48 | 2.34 | -28.18 | 25.64 | Quasi Max | V | 160.00 | 255.00 | 43.50 | -17.86 | Pass |

Note: Both horizontal and vertical polarities were investigated. The results above show only the worst case. Collocation test was performed for WLAN and WWAN transmitting simultaneously.

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10.2 Radiated Spurious Emissions above 1GHz

Requirement(s):

| Spec | Item | Requirement | Applicable | |
|----------------------------------|--|---|---------------|--|
| 47CFR§15.247(d), RSS210(A8.5) | a) | For non-restricted band, In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB or 30dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, determined by the measurement method on output power to be used. Attenuation below the general limits specified in § 15.209(a) is not required | × | |
| | | ⊠ 20 dB down □ 30 dB down | | |
| | b) | or restricted band, emission must also comply with the radiated emission limits specified in 15.209 | \boxtimes | |
| Test Setup | Ant. Tower Support Units Turn Table Ground Plane Test Receiver | | | |
| Procedure | The EUT was switched on and allowed to warm up to its normal operating condition. The test was carried out at the selected frequency points obtained from the EUT characterisation. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner: Vertical or horizontal polarisation (whichever gave the higher emission level over a full rotation of the EUT) was chosen. The EUT was then rotated to the direction that gave the maximum emission. Finally, the antenna height was adjusted to the height that gave the maximum emission. An average measurement was then made for that frequency point. Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured. | | | |
| Remark | | T was scanned up to 25GHz. Both horizontal and vertical polarities were investigated by the worst case. | . The results | |
| Result | ⊠ Pass | s □ Fail | | |

Equipment Setting

| _qs.pg | | | | | | | |
|-------------------------------|------|------|---------------|----------|-------|----------|--------------------|
| Test | RBW | VBW | Span | Detector | Sweep | Trace | Notes |
| Radiated Spurious Emission | 1MHz | 3MHz | 1GHz - 25 GHz | Peak | Auto | Max hold | PK Measurement |
| Radiated Spurious Emission | 1MHz | 10Hz | 1GHz - 25 GHz | Peak | Auto | Max hold | Ave Measurement |

| Test Data | Yes | (See below) | □ N/A |
|-----------|-----|-------------|-------|
|-----------|-----|-------------|-------|

Test Plot \square Yes (See below) \boxtimes N/A

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Radiated Emission Test Results (Above 1GHz)

1GHz WLAN (802.11g - 2437MHz) and WWAN (GPRS 1900MHz) transmitting simultaneously

| 1012 WEAT (002:11g 2-07minz) and WWAT (01 No 1000minz) transmitting dimentaliously | | | | | | | | | | | |
|--|-------------|---------------|----------|-----------------|---------------------|-----|-----------|------------|-----------------|--------------|---------------|
| Frequency MHz | Raw dBuV | Cable Loss | AF dB | Level dBuV/m | Measurement Type | Pol | Hgt cm | Azt Deg | Limit dBuV/m | Margin dB | Pass /Fail |
| 17931.78 | 39.97 | 6.61 | 14.24 | 60.81 | Peak Max | V | 302.00 | 354.00 | 74.00 | -13.19 | Pass |
| 4161.00 | 40.75 | 3.36 | -0.22 | 43.89 | Peak Max | Н | 134.00 | 348.00 | 74.00 | -30.11 | Pass |
| 1007.44 | 46.98 | 1.75 | -7.17 | 41.55 | Peak Max | V | 123.00 | 182.00 | 74.00 | -32.45 | Pass |
| 17931.78 | 26.72 | 6.61 | 14.24 | 47.56 | Average Max | V | 302.00 | 354.00 | 54.00 | -6.44 | Pass |
| 4161.00 | 27.65 | 3.36 | -0.22 | 30.79 | Average Max | Τ | 134.00 | 348.00 | 54.00 | -23.21 | Pass |
| 1007.44 | 34.02 | 1.75 | -7.17 | 28.60 | Average Max | V | 123.00 | 182.00 | 54.00 | -25.40 | Pass |

Note: Collocation test was performed for WLAN and WWAN transmitting simultaneously.



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Annex A. TEST INSTRUMENT

| Instrument | Model | Serial # | Cal Date | Cal Cycle | Cal Due | In use |
|---------------------------------------|---------|-------------|------------|-----------|------------|--------|
| Conducted Emissions | | | | | | ı |
| R & S Receiver | ESIB 40 | 100179 | 04/20/2014 | 1 Year | 04/20/2015 | ~ |
| R&S LISN | ESH2-Z5 | 861741/013 | 05/18/2014 | 1 Year | 05/18/2015 | ~ |
| CHASE LISN | MN2050B | 1018 | 07/24/2014 | 1 Year | 07/24/2015 | ~ |
| Sekonic Hygro Hermograph | ST-50 | HE01-000092 | 05/25/2014 | 1 Year | 05/25/2015 | ~ |
| Radiated Emissions | | | | , | , | 1 |
| R & S Receiver | ESL6 | 100178 | 03/01/2014 | 1 Year | 03/01/2015 | ~ |
| R & S Receiver | ESIB 40 | 100179 | 04/20/2014 | 1 Year | 04/20/2015 | ~ |
| ETS-Lingren Loop Antenna | 6512 | 00049120 | 05/13/2014 | 1 Year | 05/13/2015 | |
| Bi-Log antenna (30MHz~2GHz) | JB1 | A030702 | 07/03/2014 | 1 Year | 07/03/2015 | ~ |
| Horn Antenna (1-26.5GHz) | 3115 | 10SL0059 | 04/26/2014 | 1 Year | 04/26/2015 | ~ |
| Horn Antenna (18-40 GHz) | AH-840 | 101013 | 04/23/2014 | 1 Year | 04/23/2015 | ~ |
| Pre-Amplifier (1-26.5GHz) | 8449B | 3008A00715 | 05/30/2014 | 1 Year | 05/30/2015 | ~ |
| Microwave Preamplifier (18-40 GHz) | PA-840 | 181251 | 05/30/2014 | 1 Year | 05/30/2015 | ~ |
| 3 Meters SAC | 3M | N/A | 10/13/2013 | 1 Year | 10/13/2014 | ~ |
| 10 Meters SAC | 10M | N/A | 06/05/2014 | 1 Year | 06/05/2015 | ~ |
| Sekonic Hygro Hermograph | ST-50 | HE01-000092 | 05/25/2014 | 1 Year | 05/25/2015 | ~ |
| RF Conducted Measurement | | | | | | |
| Spectrum Analyzer | N9010A | MY50210206 | 05/30/2014 | 1 Year | 05/30/2015 | ~ |
| Spectrum Analyzer | E4407B | US88441016 | 05/31/2014 | 1 Year | 05/31/2015 | |
| R & S Receiver | ESIB 40 | 100179 | 04/20/2014 | 1 Year | 04/20/2015 | ~ |





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Annex B. USER MANUAL, BLOCK & CIRCUIT DIAGRAM

Please see attachment

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Annex C. SIEMIC Accreditation

| Accreditations | Document | Scope / Remark |
|---------------------------------------|----------|--|
| ISO 17025 (A2LA) | 7 | Please see the documents for the detailed scope |
| ISO Guide 65 (A2LA) | 7 | Please see the documents for the detailed scope |
| TCB Designation | | A1, A2, A3, A4, B1, B2, B3, B4, C |
| FCC DoC Accreditation | 7 | FCC Declaration of Conformity Accreditation |
| FCC Site Registration | 7 | 3 meter site |
| FCC Site Registration | 7 | 10 meter site |
| IC Site Registration | 7 | 3 meter site |
| IC Site Registration | 7 | 10 meter site |
| | Z | Radio & Telecommunications Terminal Equipment: EN45001 – EN ISO/IEC 17025 |
| EU NB | 7 | Electromagnetic Compatibility: EN45001 – EN ISO/IEC 17025 |
| Singapore iDA CB(Certification Body) | 瓦瓦 | Phase I, Phase II |
| Vietnam MIC CAB Accreditation | B | Please see the document for the detailed scope |
| , , , , , , , , , , , , , , , , , , , | 7 | (Phase II) OFCA Foreign Certification Body for Radio and Telecom |
| Hong Kong OFCA | Z | (Phase I) Conformity Assessment Body for Radio and Telecom |
| | 7 | Radio: Scope A – All Radio Standard Specification in Category I |
| Industry Canada CAB | Z | Telecom: CS-03 Part I, II, V, VI, VII, VIII |



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| Japan Recognized Certification Body Designation | 固包 | Radio: A1. Terminal equipment for purpose of calling Telecom: B1. Specified radio equipment specified in Article 38-2, Paragraph 1, Item 1 of the Radio Law |
|---|----------|---|
| | | EMI: KCC Notice 2008-39, RRL Notice 2008-3: CA Procedures for EMI KN22: Test Method for EMI EMS: KCC Notice 2008-38, RRL Notice 2008-4: CA Procedures for EMS KN24, KN61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11: Test Method for EMS |
| Korea CAB Accreditation | 1 | Radio: RRL Notice 2008-26, RRL Notice 2008-2, RRL Notice 2008-10, RRL Notice 2007-49, RRL Notice 2007-20, RRL Notice 2007-21, RRL Notice 2007-80, RRL Notice 2004-68 |
| | | Telecom: President Notice 20664, RRL Notice 2007-30, RRL Notice 2008-7 with attachments 1, 3, 5, 6; President Notice 20664, RRL Notice 2008-7 with attachment 4 |
| Taiwan NCC CAB Recognition | | LP0002, PSTN01, ADSL01, ID0002, IS6100, CNS14336, PLMN07, PLMN01, PLMN08 |
| Taiwan BSMI CAB Recognition | 7 | CNS 13438 |
| Japan VCCI | | R-3083: Radiation 3 meter site C-3421: Main Ports Conducted Interference Measurement T-1597: Telecommunication Ports Conducted Interference Measurement |
| | | EMC: AS/NZS CISPR 11, AS/NZS CISPR 14.1, AS/NZS CISPR22, AS/NZS 61000.6.3, AS/NZS 61000.6.4 |
| Australia CAB Recognition | ™ | Radio communications: AS/NZS 4281, AS/NZS 4268, AS/NZS 4280.1, AS/NZS 4280.2, AS/NZS 4295, AS/NZS 4582, AS/NZS 4583, AS/NZS 4769.1, AS/NZS 4769.2, AS/NZS 4770, AS/NZS 4771 |
| | | Telecommunications: AS/ACIF S002:05, AS/ACIF S003:06, AS/ACIF S004:06 AS/ACIF S006:01, AS/ACIF S016:01, AS/ACIF S031:01, AS/ACIF S038:01, AS/ACIF S040:01, AS/ACIF S041:05, AS/ACIF S043.2:06, AS/ACIF S60950.1 |
| Australia NATA Recognition | TA. | AS/ACIF S002, AS/ACIF S003, AS/ACIF S004, AS/ACIF S006, AS/ACIF S016,AS/ACIF S031, AS/ACIF S038, AS/ACIF S040, AS/ACIF S041, AS/ACIF S043.2 |