

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                              |                                                                                                                                                                           |             |                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------|
| <b>Prüfbericht-Nr.:</b><br><i>Test Report No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                  | 50114959 001                                                                                                                 | <b>Auftrags-Nr.:</b><br><i>Order No.:</i>                                                                                                                                 | 114071612   | <b>Seite 1 von 31</b><br><i>Page 1 of 31</i> |
| <b>Kunden-Referenz-Nr.:</b><br><i>Client Reference No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                                                          | <b>Auftragsdatum:</b><br><i>Order date:</i>                                                                                                                               | 23-Nov-2017 |                                              |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                              | Philips Lighting (China) Investment Co., Ltd.<br>Building 9, Lane 888, Tianlin Road, Minhang District, Shanghai 200233 China |                                                                                                                                                                           |             |                                              |
| <b>Prüfgegenstand:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                         | Philips Occupancy and Multi Sensor                                                                                           |                                                                                                                                                                           |             |                                              |
| <b>Bezeichnung / Typ-Nr.:</b><br><i>Identification / Type No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                  | 9290018190, 9290018191                                                                                                       |                                                                                                                                                                           |             |                                              |
| <b>Auftrags-Inhalt:</b><br><i>Order content:</i>                                                                                                                                                                                                                                                                                                                                                                                                                    | FCC Part 15C Test report (Zigbee IEEE 802.15.4)                                                                              |                                                                                                                                                                           |             |                                              |
| <b>Prüfgrundlage:</b><br><i>Test specification:</i>                                                                                                                                                                                                                                                                                                                                                                                                                 | FCC 47CFR Part 15: Subpart C Section 15.247                                                                                  |                                                                                                                                                                           |             |                                              |
| <b>Wareneingangsdatum:</b><br><i>Date of receipt:</i>                                                                                                                                                                                                                                                                                                                                                                                                               | 27-Nov-2017                                                                                                                  |                                                                                                                                                                           |             |                                              |
| <b>Prüfmuster-Nr.:</b><br><i>Test sample No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                   | A000657651-001                                                                                                               |                                                                                                                                                                           |             |                                              |
| <b>Prüfzeitraum:</b><br><i>Testing period:</i>                                                                                                                                                                                                                                                                                                                                                                                                                      | 01-Dec-2017 - 12-Dec-2017                                                                                                    |                                                                                                                                                                           |             |                                              |
| <b>Ort der Prüfung:</b><br><i>Place of testing:</i>                                                                                                                                                                                                                                                                                                                                                                                                                 | EMC Laboratory Taipei                                                                                                        |                                                                                                                                                                           |             |                                              |
| <b>Prüflaboratorium:</b><br><i>Testing laboratory:</i>                                                                                                                                                                                                                                                                                                                                                                                                              | TUV Rheinland Taiwan Ltd.                                                                                                    |                                                                                                                                                                           |             |                                              |
| <b>Prüfergebnis*:</b><br><i>Test result*:</i>                                                                                                                                                                                                                                                                                                                                                                                                                       | Pass                                                                                                                         |                                                                                                                                                                           |             |                                              |
| <b>Report date / tested by:</b><br>12-Dec-2017 Jack Chang/Project Manager<br><i>Datum Name / Stellung Unterschrift</i><br><i>Date Name / Position Signature</i>                                                                                                                                                                                                                                                                                                     |                                                                                                                              | <b>kontrolliert von / reviewed by:</b><br>12-Dec-2017 Arvin Ho/Vice General Manager<br><i>Datum Name / Stellung Unterschrift</i><br><i>Date Name / Position Signature</i> |             |                                              |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                              |                                                                                                                                                                           |             |                                              |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br><i>Condition of the test item at delivery:</i>                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                              | Prüfmuster vollständig und unbeschädigt<br><i>Test item complete and undamaged</i>                                                                                        |             |                                              |
| <p>* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft<br/> P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet</p> <p>Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor<br/> P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested</p>                    |                                                                                                                              |                                                                                                                                                                           |             |                                              |
| <p><b>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.</b><br/> <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></p> |                                                                                                                              |                                                                                                                                                                           |             |                                              |

## TEST SUMMARY

### **5.1.1 ANTENNA REQUIREMENT**

RESULT: *Passed*

### **5.1.2 PEAK OUTPUT POWER**

RESULT: *Passed*

### **5.1.3 6dB BANDWIDTH AND 99% BANDWIDTH**

RESULT: *Passed*

### **5.1.4 POWER DENSITY**

RESULT: *Passed*

### **5.1.5 CONDUCTED SPURIOUS EMISSIONS AND FREQUENCY BAND EDGE MEASURED IN 100kHz BANDWIDTH**

RESULT: *Passed*

### **5.1.6 SPURIOUS EMISSION**

RESULT: *Passed*

### **5.2.1 MAINS CONDUCTED EMISSIONS**

RESULT: *Passed*

### **6.1.1 ELECTROMAGNETIC FIELDS**

RESULT: *Passed*

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## 1. General Remarks

### 1.1 Complementary Materials

The following attachments are integral parts of this test report:

**Appendix P: Photo Documentation**

(File Name: 50114959APPENDIX P)

**Appendix D: Test Result of Radiated Emissions**

(File Name: 50114959APPENDIX D)

Test Specifications

The following standards were applied (in bold: product standards, otherwise: basic standards).

**Table 1: Applied Standard and Test Levels**

| <b>Radio</b>                                          |
|-------------------------------------------------------|
| FCC CFR47 Part 15: Subpart C Section 15.247           |
| ANSI C63.10:2013, KDB558074 D01 DTS Meas Guidance v02 |

## 2. Test Sites

### 2.1 Test Laboratory

TUV Rheinland Taiwan Ltd.  
Taichung Branch Office

No.9, Lane 36, Minsheng Rd., Sec. 3, Daya District,  
Taichung City 428  
Taiwan (R.O.C.)

### 2.2 Test Facilities

TUV Rheinland Taiwan Ltd.  
Taipei Office

11F. No.758, Sec. 4, Bade Rd., Songshan Dist.  
Taipei City 105  
Taiwan (R.O.C.)

FCC RegistrationNo.: 340738  
IC Canada Registration No.: 9465A-1  
TAF Accredited NCC Test Lab. No.:0759  
TAF ISO17025 Certification effective periods: 2016-Jul-1st to 2019-Jun-30th



**Testing Laboratory**  
**0759**

## 2.3 List of Test and Measurement Instruments

**Table 2: List of Test and Measurement Equipment**

| Kind of Equipment             | Manu-facturer  | Type      | S/N         | Last Calibration | Next Calibration |
|-------------------------------|----------------|-----------|-------------|------------------|------------------|
| Test Software                 | Farad          | EZ_EM C   | Ver. TUV3A1 | N/A              | N/A              |
| EMI Test Receiver             | R&S            | ESCI 7    | 100797      | 2016/12/30       | 2017/12/30       |
| Spectrum Analyzer             | R&S            | FSV 40    | 100921      | 2017/05/02       | 2018/05/01       |
| Spectrum Analyzer             | Agilent        | N9010A    | MY53470241  | 2017/05/23       | 2018/05/22       |
| Preamplifier (30MHz -1GHz)    | HP             | 8447D     | 2944A06641  | 2016/12/28       | 2017/12/28       |
| Preamplifier (18 GHz -40 GHz) | COM-POWER      | PAM-840   | 461257      | 2016/12/01       | 2017/12/31       |
| Pre-Amplifier (1GHz~18GHz)    | EM Electronics | EM01G18G  | 60649       | 2017/07/28       | 2018/07/28       |
| Bilog Antenna                 | TESEQ          | CBL6111D  | 29804       | 2017/08/18       | 2018/08/18       |
| Horn Antenna                  | ETS-Lindgren   | 3117      | 201918      | 2017/08/18       | 2018/08/18       |
| Horn Antenna (18GHz~40GHz)    | COM-POWER      | AH-840    | 101031      | 2017/11/28       | 2018/11/28       |
| Loop Antenna                  | Schwarzbeck    | FMZB 1513 | 1513-076    | 2017/06/14       | 2018/06/14       |
| EMI Test Receiver             | R&S            | ESCI7     | 100797      | 2016/12/30       | 2017/12/30       |
| LISN (1 phase)                | R&S            | ENV216    | 101243      | 2017/06/18       | 2018/06/18       |
| LISN                          | R&S            | ENV216    | 101262      | 2017/06/22       | 2018/06/21       |

## 2.4 Traceability

All measurement equipment calibrations are traceable to NML(Taiwan)/NIST(USA) or where calibration is performed outside Taiwan, to equivalent nationally recognized standards organizations.

## 2.5 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.

## 2.6 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are  $\pm 3\text{dB}$ .

**Table 3: Emission Measurement Uncertainty**

| Parameter                                            | Uncertainty                      |
|------------------------------------------------------|----------------------------------|
| RF power, conducted                                  | $\pm 1.5 \text{ dB}$             |
| Adjacent channel power                               | $\pm 3 \text{ dB}$               |
| Radiated emission of transmitter, valid up to 26 GHz | $\pm 6 \text{ dB}$               |
| Radiated emission of receiver, valid up to 26 GHz    | $\pm 6 \text{ dB}$               |
| Temperature                                          | $\pm 2 \text{ }^{\circ}\text{C}$ |
| Humidity                                             | $\pm 10 \text{ \%}$              |

## 3. General Product Information

### 3.1 Product Function and Intended Use

The EUT is a ZigBee Green Power multi-sensors. It contains a Zigbee compatible module enabling the user to communicate data through a Wireless interface.  
For details refer to the User Guide, Data Sheet and Circuit Diagram.

### 3.2 System Details and Ratings

**Table 4: Basic Information of EUT**

| Item              | EUT information                    |
|-------------------|------------------------------------|
| Kind of Equipment | Philips Occupancy and Multi Sensor |
| Type Designation  | 9290018190, 9290018191             |
| FCC ID            | 2AGBW9290018190X                   |
| ISED ID           | 20812-8190X                        |
| HVIN              | Philips Occupancy and Multi Sensor |

**Table 5: Technical Specification of EUT**

| Technical Specification | Value         |
|-------------------------|---------------|
| Operating Frequencies   | 2405~2480 MHz |
| Channel Spacing         | 5 MHz         |
| Channel number          | 16            |
| Operation Voltage       | 3.6 Vdc       |
| Modulation              | DSSS          |
| Antenna gain            | 1.71 dBi      |

### 3.3 Independent Operation Modes

Basic operation modes are:

- A. Transmitting
  - 1. Low channel
  - 2. Middle channel
  - 3. High channel
- B. Receiving
- C. Standby
- D. Off

### 3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

### 3.5 Submitted Documents

- |                         |                      |
|-------------------------|----------------------|
| - Block Diagram         | - Circuit Diagram    |
| - PCB Layout            | - Instruction Manual |
| - Photo Document        | - Rating Label       |
| - Technical Description |                      |

## **4. Test Set-up and Operation Modes**

### **4.1 Principle of Configuration Selection**

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

### **4.2 Test Operation and Test Software**

Setup for testing: Test samples are connected with a conversion board which makes it possible to control them through a test software installed on a notebook computer.

This software was running on the laptop computer connected to the EUT. It was used to enable the operation modes listed in section 3.3 as appropriate.

The samples were used as follows:

Conducted: A000657651-001

Radiation: A000657651-001

Full test was applied on all test modes, but only worst case was shown

Zigbee IEEE 802.15.4 mode:

Channel Low (2405MHz), Channel Mid (2440MHz) and Channel High (2480MHz) with 250Kbps data rate were chosen for full testing.

### 4.3 cial Accessories and Auxiliary Equipment

The product has been tested together with the following additional accessories:

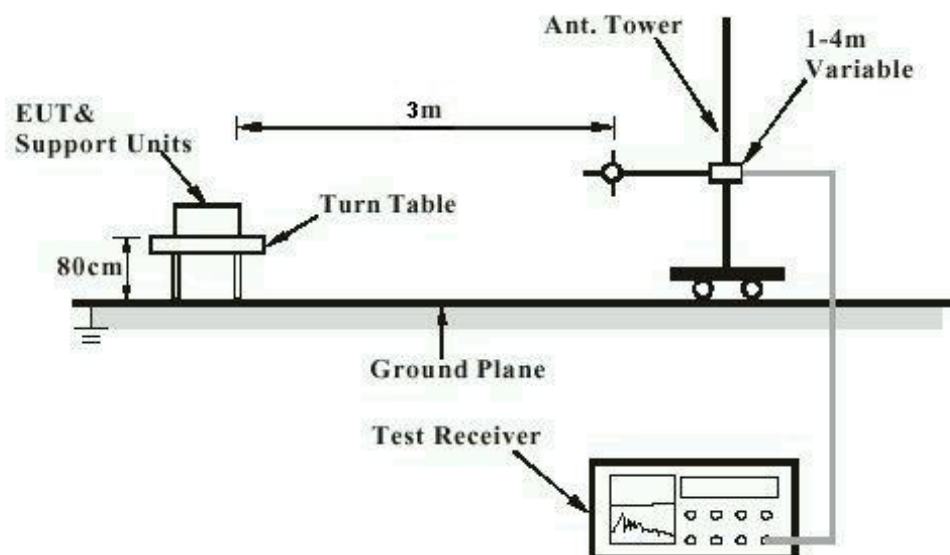
| Description      | Manufacturer | Model No. | Serial No. |
|------------------|--------------|-----------|------------|
| Notebook(EMC-06) | Lenovo       | TP00048A  | PB-0F8B2   |

### 4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

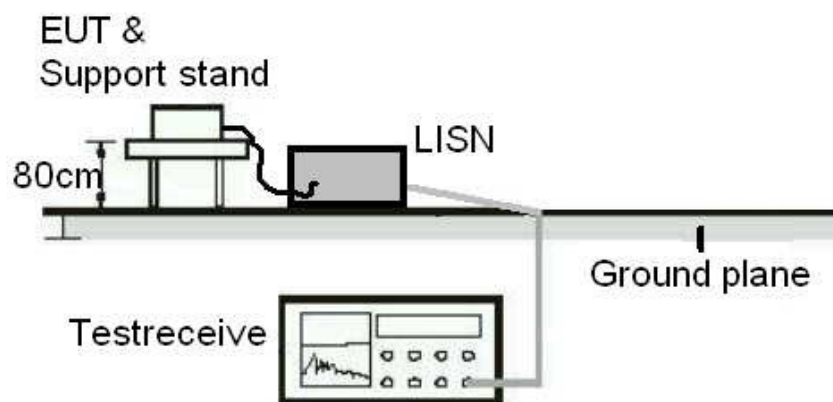
### 4.5 Test Setup Diagram

**Diagram of Measurement Configuration for Radiation Test**

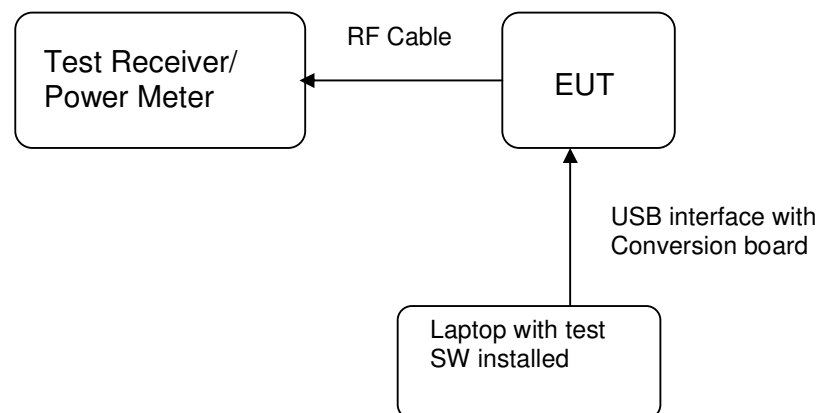


Note: Measurements above 1 GHz are done with a table height of 1.5m.

**Diagram of Measurement Equipment Configuration for Mains Conduction Measurement (if applicable)**



**Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement**



## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:****Passed**

|               |   |                                                                                     |
|---------------|---|-------------------------------------------------------------------------------------|
| Test standard | : | LP0002(2016): 3.10.1, (3)<br>FCC Part 15.247(b)(4), Part 15.203 and RSS-<br>Gen 8.3 |
| Limit         | : | the use of antennas with directional gains that do not<br>exceed 6 dBi              |

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 1.71dBi .The antenna is a printed PCB trace with no possibility of replacement with a non-approved antenna by the end-user. Therefore, the EUT is considered to comply with this provision.

Refer to EUT photo for details.

## 5.1.2 Peak Output Power

### RESULT:

**Passed**

Test standard : LP0002(2016): 3.10.1, (2)  
 FCC Part 15.247(b)(3), RSS-247 5.4(4)  
 Basic standard : ANSI C63.10:2013, KDB558074  
 Limit : 1 Watt  
 Kind of test site : Shielded room

### Test setup

Test Channel : Low/ Middle/ High  
 Operation Mode : A  
  
 Ambient temperature : 22-26 °C  
 Relative humidity : 50-65 %  
 Atmospheric pressure : 100-103 kPa

**Table 6: Test result of Peak Output Power (Zigbee IEEE 802.15.4)**

| Channel        | Channel Frequency (MHz) | Output Power |         | Limit |
|----------------|-------------------------|--------------|---------|-------|
|                |                         | (dBm)        | (W)     | (W)   |
| Low Channel    | 2405                    | 1.18         | 0.00131 | 1     |
| Middle Channel | 2440                    | 0.50         | 0.00112 | 1     |
| High Channel   | 2480                    | -0.14        | 0.00097 | 1     |

Max Value 1.31 mW

### 5.1.3 6dB Bandwidth and 99% Bandwidth

**RESULT:****Passed**

Test standard : LP0002(2016): 3.10.1, (5)  
FCC Part 15.247(a)(2), RSS-247 5.2(1)  
Basic standard : ANSI C63.10:2013, KDB558074  
Kind of test site : Shielded room

**Test setup**

Test Channel : Low/ Middle/ High  
Operation Mode : A

Ambient temperature : 22-26°C  
Relative humidity : 50-65%  
Atmospheric pressure : 100-103 kPa

**Table 7: Test result of 6dB Bandwidth (Zigbee IEEE 802.15.4)**

| Channel      | Channel Frequency (MHz) | 6dB Bandwidth (MHz) | Limit (MHz) | Result |
|--------------|-------------------------|---------------------|-------------|--------|
| Low Channel  | 2405                    | 1.541               | 0.5         | Pass   |
| Mid Channel  | 2440                    | 1.532               | 0.5         | Pass   |
| High Channel | 2480                    | 1.540               | 0.5         | Pass   |

**Table 8: Test result of 99% Bandwidth (Zigbee IEEE 802.15.4)**

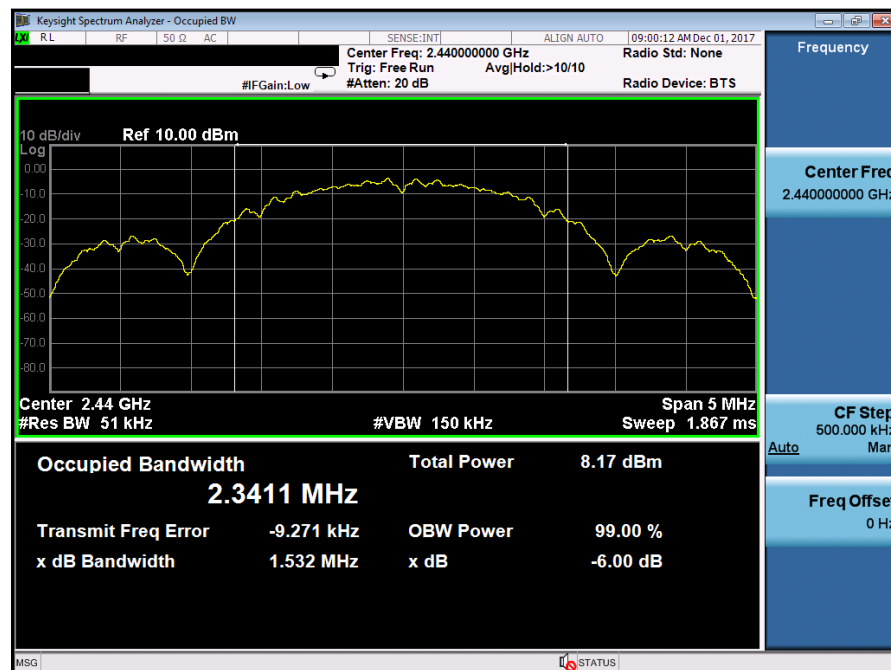
| Channel      | Channel Frequency (MHz) | 99% Bandwidth (MHz) |
|--------------|-------------------------|---------------------|
| Low Channel  | 2405                    | 2.3499              |
| Mid Channel  | 2440                    | 2.3411              |
| High Channel | 2480                    | 2.3510              |

## Test Plot of 6dB Bandwidth (Zigbee IEEE 802.15.4)

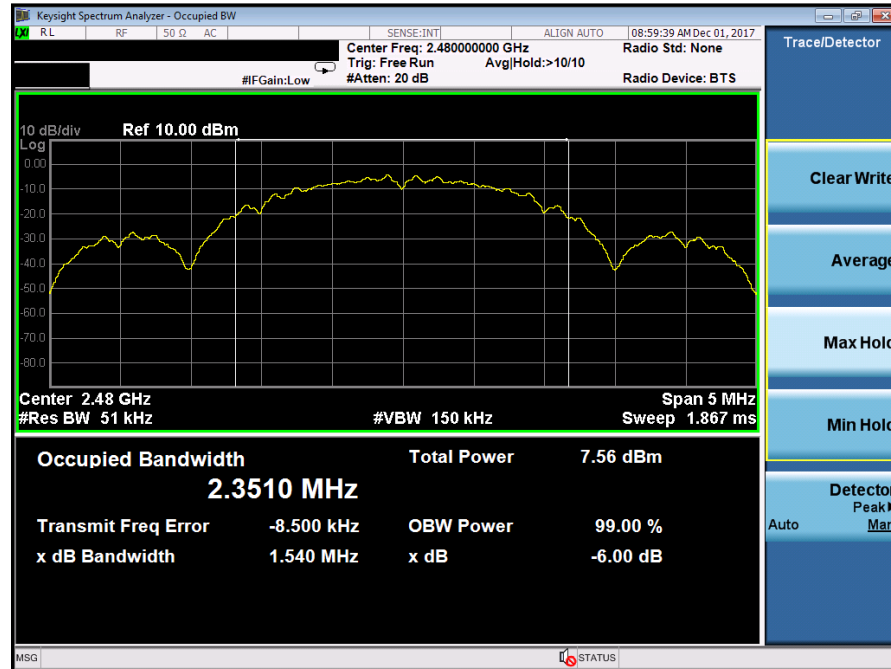
### Low Channel



### Middle Channel



### High Channel



## 5.1.4 Power Density

**RESULT:****Passed**

Test standard : LP0002(2016): 3.10.1, (6.2.2)  
FCC Part 15.247(e) , RSS-247 5.2(2)  
Basic standard : ANSI C63.10:2013, KDB558074  
Kind of test site : Shielded room

**Test setup**

Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature : 22-26°C  
Relative humidity : 50-65%  
Atmospheric pressure : 100-103 kPa

**Table 9: Test result of Power Density (Zigbee IEEE 802.15.4)**

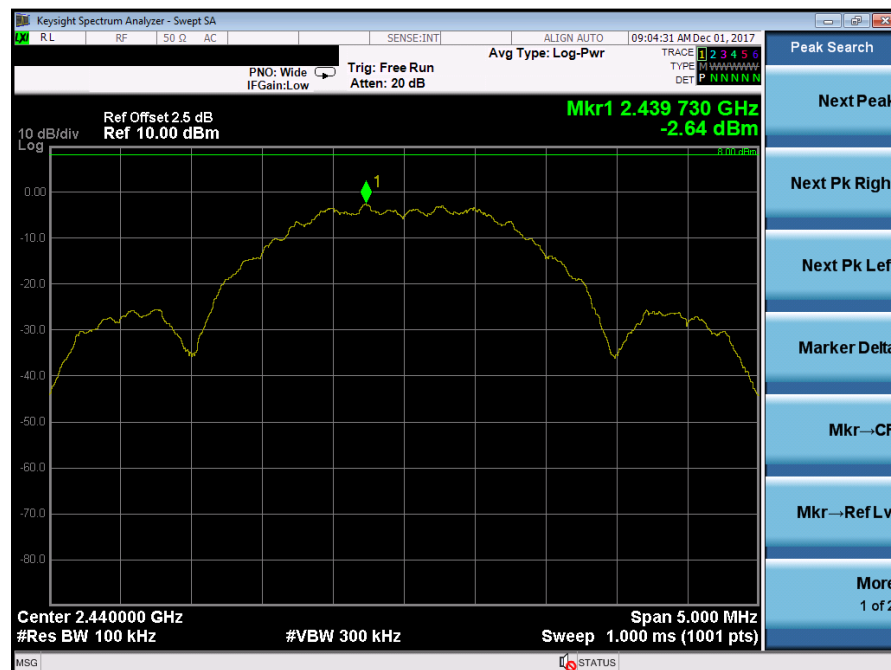
| Channel        | Channel Frequency (MHz) | Power Density | Limit |
|----------------|-------------------------|---------------|-------|
|                |                         | (dBm)         | (dBm) |
| Low Channel    | 2405                    | -1.87         | 8     |
| Middle Channel | 2440                    | -2.64         | 8     |
| High Channel   | 2480                    | -3.24         | 8     |

## Test Plot of Power Density (Zigbee IEEE 802.15.4)

### Low Channel



### Middle Channel





**5.1.5 Conducted spurious emissions and Frequency Band Edge  
measured in 100kHz Bandwidth****RESULT:****Passed**

|                   |   |                                                                                                                   |
|-------------------|---|-------------------------------------------------------------------------------------------------------------------|
| Test standard     | : | LP0002(2016): 3.10.1, (5)                                                                                         |
|                   | : | FCC part 15.247(d), RSS-247 5.5                                                                                   |
| Basic standard    | : | ANSI C63.10:2013, KDB558074                                                                                       |
| Limit             | : | 20dB (below that in the 100kHz bandwidth within the<br>band that contains the highest level of the desired power) |
| Kind of test site | : | Shielded room                                                                                                     |

**Test setup**

|                      |   |             |
|----------------------|---|-------------|
| Test Channel         | : | Low/ High   |
| Operation mode       | : | A           |
| Ambient temperature  | : | 22-26°C     |
| Relative humidity    | : | 50-65%      |
| Atmospheric pressure | : | 100-103 kPa |

All emissions are more than 20dB below fundamental, details refer to following test plot, and compliance is achieved as well.

Due to the small size of the product and that there are no inductive components of significant size, 9kHz to 30MHz frequency range is not tested based on technical judgment.

## Test Plot 100kHz Conducted Emissions (Zigbee IEEE 802.15.4)

### Low Channel



### Middle Channel

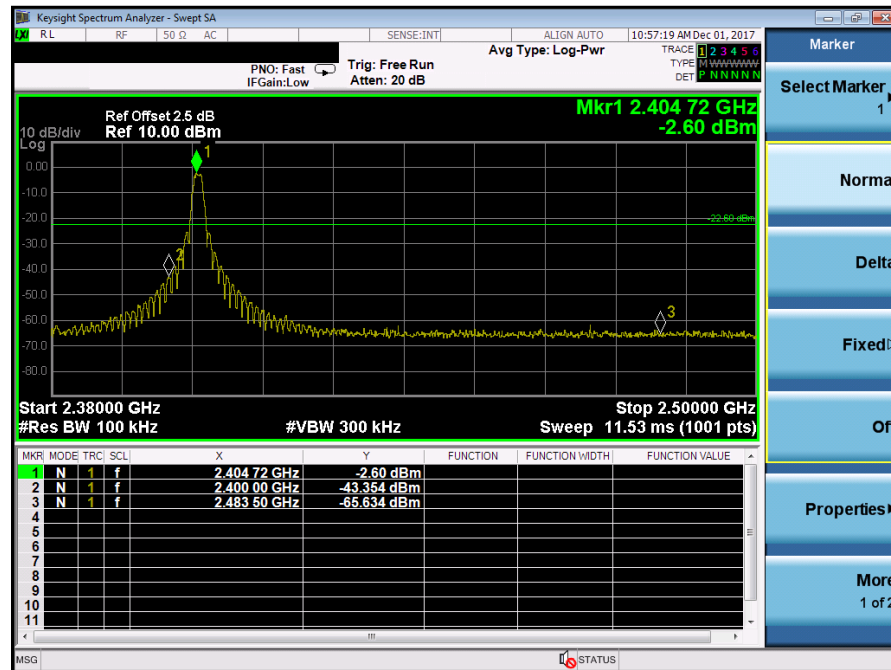


### High Channel

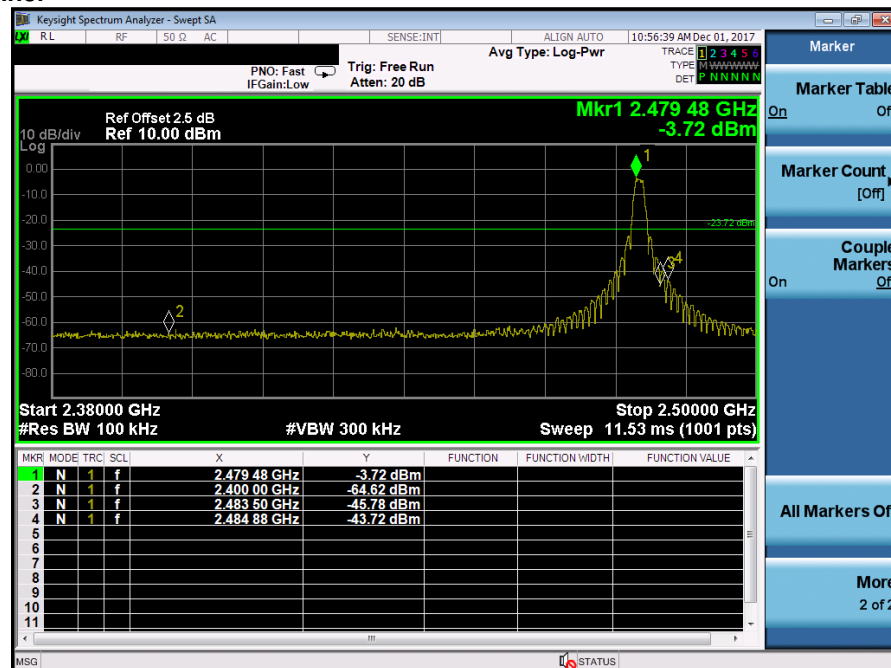


## Test Plot 100kHz RBW of Band Edge (Zigbee IEEE 802.15.4)

### Low Channel



### High Channel



## 5.1.6 Spurious Emission

### RESULT:

**Passed**

|                   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test standard     | : | FCC part 15.247(d), FCC 15.205, FCC 15.209, RSS-210 2.2, RSS-247 5.5 and RSS-Gen 8.9 LP0002(2016): 3.10.1, (5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Basic standard    | : | ANSI C63.10:2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Limits            | : | Radiated emissions which fall in the restricted bands, as defined in FCC 15.205(a) and RSS-Gen i4, 8.9 (Table 6), must comply with the radiated emission limits specified in FCC 15.209(a) and RSS-Gen i4, 8.9 (Table 4 and 5).<br>Radiated emissions which fall in the restricted bands, as defined in LP0002(2016): 2.7, must comply with the radiated emission limits specified in LP0002(2016): 2.8<br>Emission radiated outside the specified frequency bands must comply with the radiated emission limits specified in FCC 15.209(a) and FCC 15.249(a), RSS-Gen i4, 8.9 (Table 4 and 5) and RSS-210 A2.9(a).<br>Emission radiated outside the specified frequency bands must comply with the radiated emission limits specified in LP0002(2016): 2.8 |
| Kind of test site | : | 3m Semi-Anechoic Chamber                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### Test setup

|                |   |                   |
|----------------|---|-------------------|
| Test Channel   | : | Low/ Middle/ High |
| Operation mode | : | A, B              |

Remark: Testing was carried out within frequency range 30MHz to the tenth harmonic.

For details refer to Appendix D.

The Radiated Emissions testing was performed in the X, Y and Z axis orientation. The X Axis orientation is the worst-case and recorded in this test report. Due to the small size of the product and that there are no inductive components of significant size, 9kHz to 30MHz frequency range is not tested based on technical judgment.

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Passed**

Test standard : FCC KDB Publication 447498 D01  
47CFR 2.1091  
RSS--102 issue 5, Table 4

Separation distance is more than 20 cm, thus mobile device exposure limits can be applied

**Maximum Exposure:**

|                           |                          |
|---------------------------|--------------------------|
| Power to Antenna<br>(mW)  | 1.31 mW                  |
| Power to Antenna<br>(dBm) | 1.2 dBm                  |
| Antenna Gain              | 1.71 dBi                 |
| Power+Ant Gain            | 1.9 mW                   |
| Distance                  | 20 cm                    |
| S=                        | 0.000 mW/cm <sup>2</sup> |

Limit FCC: 0.61 mW/cm<sup>2</sup>

Limit Canada: 0.274 mW/cm<sup>2</sup>
FCC:

|                     |                                          |
|---------------------|------------------------------------------|
| 0.3-1.34 MHz        | (100) mW/cm <sup>2</sup>                 |
| 1.34-30 MHz         | (180/f <sup>2</sup> ) mW/cm <sup>2</sup> |
| 30-300 MHz          | 0.2 mW/cm <sup>2</sup>                   |
| 300-1500 MHz f/1500 | mW/cm <sup>2</sup>                       |
| 1500-100,000 MHz    | 1.0 mW/cm <sup>2</sup>                   |

Canada:

|                                              |                                               |
|----------------------------------------------|-----------------------------------------------|
| 10-20 MHz                                    | 0.2 mW/cm <sup>2</sup>                        |
| 20-48 MHz                                    | (0.8944/f <sup>0.5</sup> ) mW/cm <sup>2</sup> |
| 48-300 MHz                                   | 0.129 mW/cm <sup>2</sup>                      |
| 300-6000 MHz (0.002619*f <sup>0.6834</sup> ) | mW/cm <sup>2</sup>                            |
| 6000-15000MHz                                | 1.0 mW/cm <sup>2</sup>                        |

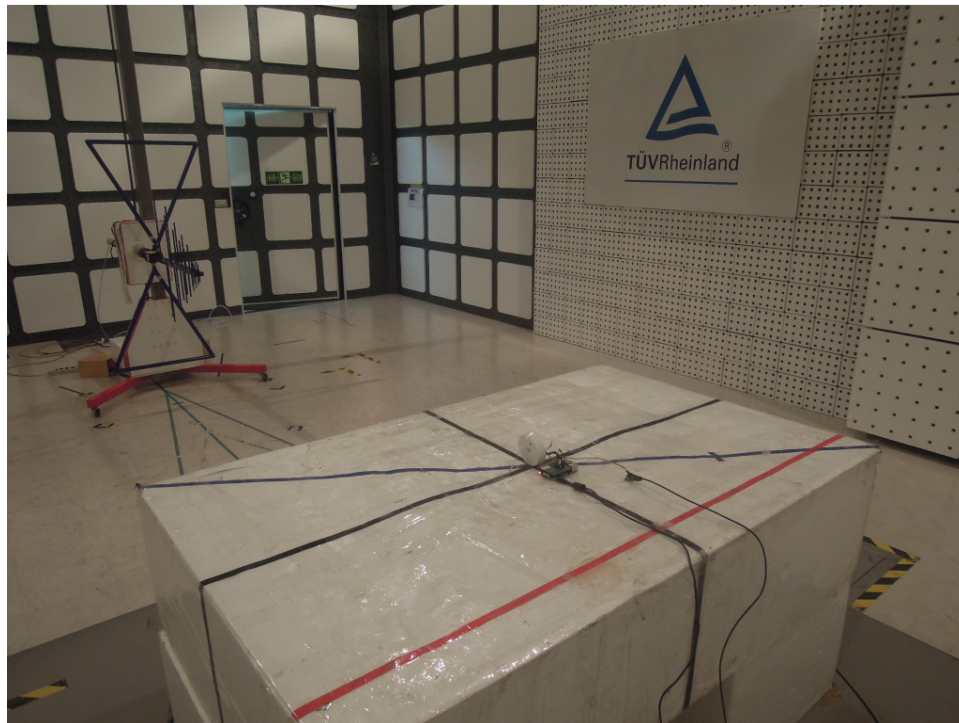
---End---

## Photographs of the Test Set-Up

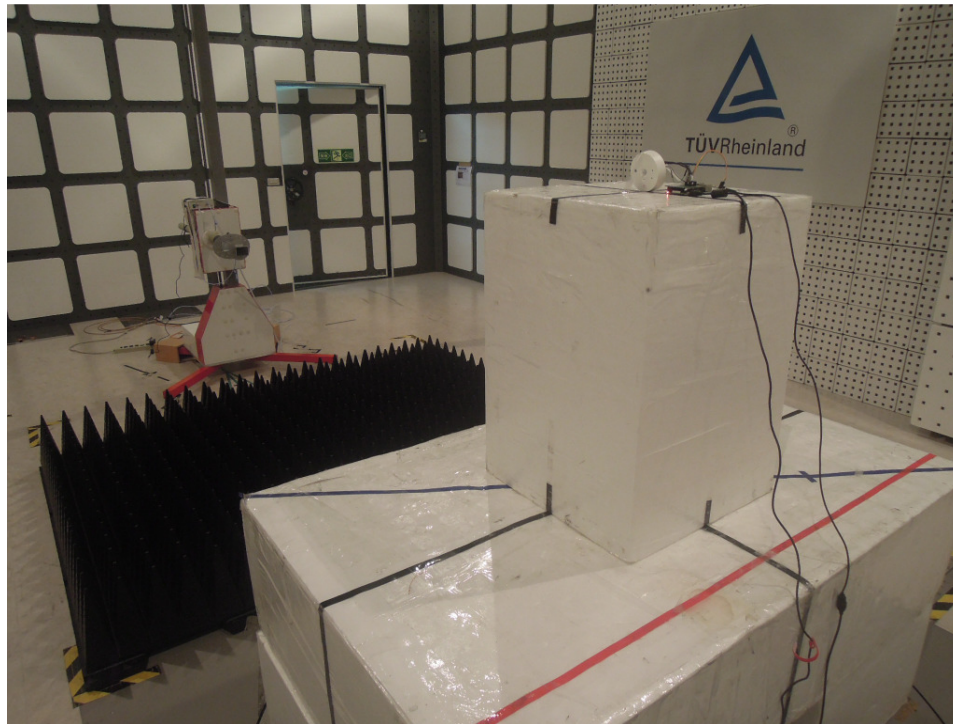
**Photograph 1: Set-up for Spurious Emissions (Front View)**



**Photograph 2: Set-up for Spurious Emissions (Back View 1)**



**Photograph 3: Set-up for Spurious Emissions (Back View 2)**



**Photograph 4: Set-up for Conducted testing**



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