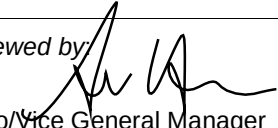


|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                             |                                                                                     |                             |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|
| <b>Prüfbericht-Nr.:</b><br><i>Test Report No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>50097227 001</b>                                                                                         | <b>Auftrags-Nr.:</b><br><i>Order No.:</i>                                           | <b>114058583</b>            | <b>Seite 1 von 37</b><br><i>Page 1 of 37</i>                                          |
| <b>Kunden-Referenz-Nr.:</b><br><i>Client Reference No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                                                                                         | <b>Auftragsdatum:</b><br><i>Order date:</i>                                         | 28-Nov-2016                 |                                                                                       |
| <b>Auftraggeber:</b><br><i>Client:</i>                                                                                                                                                                                                                                                                                                                                                                                                                              | Liyatech Corporation., 20F.-8, No.7, Sec. 3, New Taipei Blvd., Xinzhuang Dist., New Taipei City 242, Taiwan |                                                                                     |                             |                                                                                       |
| <b>Prüfgegenstand:</b><br><i>Test item:</i>                                                                                                                                                                                                                                                                                                                                                                                                                         | LRM001                                                                                                      |                                                                                     |                             |                                                                                       |
| <b>Bezeichnung / Typ-Nr.:</b><br><i>Identification / Type No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                  | LRM001-915                                                                                                  |                                                                                     |                             |                                                                                       |
| <b>Auftrags-Inhalt:</b><br><i>Order content:</i>                                                                                                                                                                                                                                                                                                                                                                                                                    | FCC Part 15C (FHSS)                                                                                         |                                                                                     |                             |                                                                                       |
| <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>                                                                                                                                                                                                                                                                                                                                                                                                               | 12-Jan-2017                                                                                                 |                                                                                     |                             |                                                                                       |
| <b>Prüfmuster-Nr.:</b><br><i>Test sample No.:</i>                                                                                                                                                                                                                                                                                                                                                                                                                   | A000467270-001                                                                                              |                                                                                     |                             |                                                                                       |
| <b>Prüfzeitraum:</b><br><i>Testing period:</i>                                                                                                                                                                                                                                                                                                                                                                                                                      | 17-Feb-2017 - 03-Aug-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>geprüft von / tested by:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                             | <b>kontrolliert von / reviewed by:</b>                                              |                             |                                                                                       |
| 2018-04-09 Sam C.J. Kuo/Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                             | 2018-04-09 Arvin Ho/Vice General Manager                                            |                             |                                                                                       |
| <b>Datum</b><br><i>Date</i>                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Name / Stellung</b><br><i>Name / Position</i>                                                            | <b>Unterschrift</b><br><i>Signature</i>                                             | <b>Datum</b><br><i>Date</i> | <b>Name / Stellung</b><br><i>Name / Position</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 20dB BANDWIDTH**

RESULT: *Passed*

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

RESULT: *Passed*

### **5.1.5 SPURIOUS EMISSION**

RESULT: *Passed*

### **5.1.6 FREQUENCY SEPARATION**

RESULT: *Passed*

### **5.1.7 NUMBER OF HOPPING FREQUENCY**

RESULT: *Passed*

### **5.1.8 TIME OF OCCUPANCY**

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: 50097227APPENDIX P)

**Appendix D: Test Result of Radiated Emissions**  
(File Name: 50097227APPENDIX D)

Test Specifications

The following standards were applied

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

| <b>Radio</b>                                                    |
|-----------------------------------------------------------------|
| FCC CFR47 Part 15: Subpart C Section 15.247<br>ANSI C63.10:2013 |

## 2. Test Sites

### 2.1 Test Facility

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**

## 2.2 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_EMC       | Ver. TUV3A1 | N/A              | N/A              |
| EMI Test Receiver             | R&S            | ESR7         | 101062      | 2016/09/12       | 2017/09/12       |
| 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             | 8447F        | 2805A03335  | 2016/07/29       | 2017/07/29       |
| Preamplifier (18 GHz -40 GHz) | COM-POWER      | PAM-840      | 461257      | 2016/12/01       | 2017/12/01       |
| Pre-Amplifier (1GHz~18GHz)    | EM Electronics | EM01G18G     | 060558      | 2016/11/17       | 2017/11/17       |
| Bilog Antenna                 | TESEQ          | CBL6111D     | 29802       | 2016/8/10        | 2017/8/10        |
| Horn Antenna                  | ETS-Lindgren   | 3117         | 138160      | 2017/5/25        | 2018/5/25        |
| Horn Antenna (18GHz~40GHz)    | COM-POWER      | AH-840       | 101031      | 2016/11/22       | 2017/11/22       |
| Loop Antenna                  | Schwarzbeck    | FMZB 1513    | 1513-076    | 2017/6/14        | 2018/6/14        |
| EMI Test Receiver             | R&S            | ESCI7        | 100797      | 2016/12/30       | 2017/12/30       |
| Spectrum Analyzer             | R&S            | FSL3         | 101943      | 2015/09/07       | 2017/09/07       |
| Temp. & Humid. Chamber        | Giant Force    | GCT-099-40-S | MAF0103-007 | 2015/07/13       | 2017/07/12       |
| LISN (1 phase)                | R&S            | ENV216       | 101243      | 2017/6/18        | 2018/6/18        |
| LISN                          | R&S            | ENV216       | 101262      | 2016/06/16       | 2017/06/16       |
| Power sensor                  | Agilent        | U2021XA      | MY54020001  | 2017/03/08       | 2018/03/07       |

## 2.3 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.

## 2.4 Calibration

requiring calibration is calibrated periodically in a suitably accredited Calibration Lab. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements:

**Table 3: Emission Measurement Uncertainty**

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

## 3. General Product Information

### 3.1 Product Function and Intended Use

The EUT is a LoRa Module, it contains a 902MHz - 928MHz Wireless 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 | LRM001             |
| Type Designation  | LRM001-915         |
| FCC ID            | 2ALXW-LRM001915010 |

**Table 5: Technical Specification of EUT**

| Technical Specification | Value                 |
|-------------------------|-----------------------|
| Operating Frequency     | 902.3 MHz - 914.9 MHz |
| Channel Spacing         | 200KHz                |
| Channel number          | 64                    |
| Operation Voltage       | 5Vdc                  |
| Modulation              | LoRa                  |
| Antenna gain            | 2 dBi                 |

### **3.3 Independent Operation Modes**

The basic operation modes are:

- A. Transmitting
  - 1. Low channel
  - 2. Middle channel
  - 3. High channel
- B. Receiving

### **3.4 Noise Generating and Noise Suppressing Parts**

Refer to the Circuit Diagram.

### **3.5 Submitted Documents**

- Circuit Diagram
- Instruction Manual
- 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

Test operation refers to test setup in chapter 4. All testing were performed according to the procedures in ANSI C63.10: 2013

The samples were used as follows:

Conducted: **A000467270 001**

Radiation: **A000467270 001**

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

### 4.3 Special Accessories and Auxiliary Equipment

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

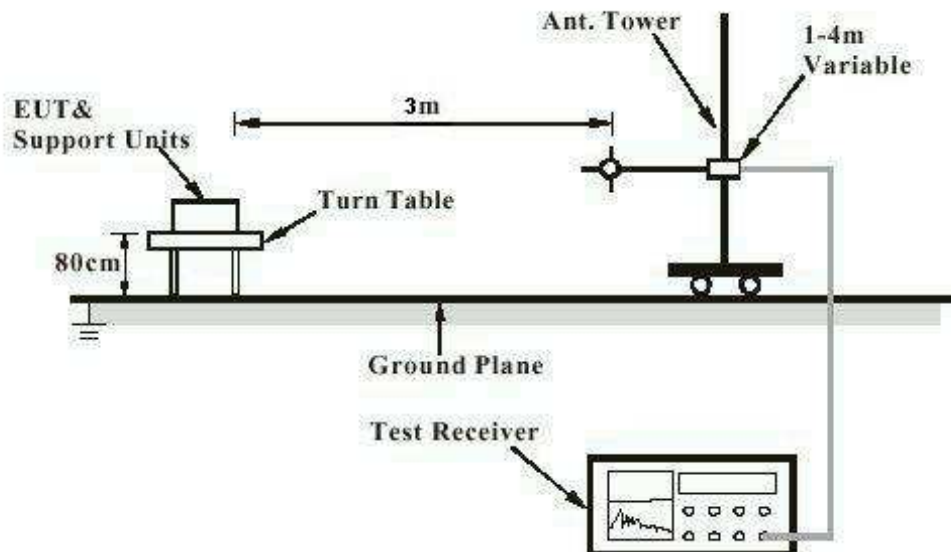
| Description      | Manufacturer | Model No. | Serial No. |
|------------------|--------------|-----------|------------|
| Notebook(EMC-06) | Lenovo       | TP00048A  | PB-0F8B2   |

## 4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested containing the noise suppression parts as in the Photo Appendix and the Test Setup Photos. No additional measures were employed to achieve compliance.

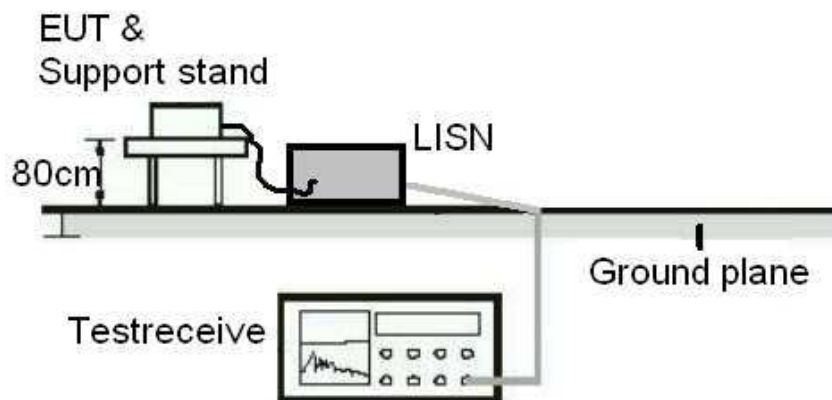
## 4.5 Test Setup Diagram

**Diagram of Measurement Configuration for Radiation Test**

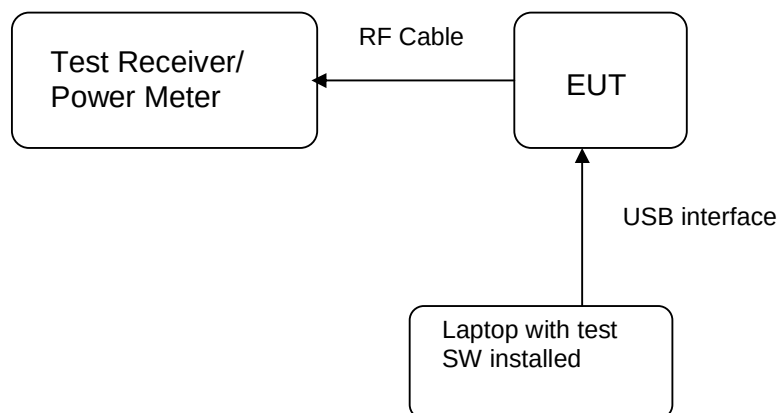


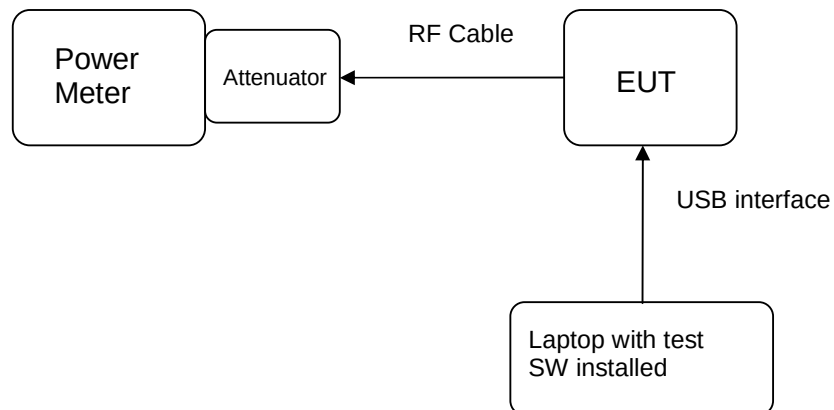
Note: Measurements above 1 GHz are done with a table height of 1.5m

### Diagram of Measurement Equipment Configuration for Mains Conduction Measurement



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



**Diagram of Measurement Equipment Configuration for Conducted Transmitter Measurement (Power meter)**

## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:****Passed**

Test standard : FCC Part 15.247(b)(4), Part 15.203 and RSS-Gen 8.3

Requirement : use of approved antennas only with directional gains that do not exceed 6 dBi

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 2 dBi . The antenna is a dipole antenna 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 : FCC Part 15.247(b)(2)  
Basic standard : ANSI C63.10:2013  
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**

| Channel        | Channel Frequency | Peak Output Power |         | Limit |
|----------------|-------------------|-------------------|---------|-------|
|                | (MHz)             | (dBm)             | (W)     | (W)   |
| Low Channel    | 902.3             | 7.72              | 0.00592 | 1     |
| Middle Channel | 908.5             | 7.73              | 0.00593 | 1     |
| High Channel   | 914.9             | 7.70              | 0.00589 | 1     |

Max Powe: 5.93 mw

**5.1.3 20dB Bandwidth****RESULT:****Passed**

Test standard : FCC Part 15.247(a)(1)  
Basic standard : ANSI C63.10:2013

**Test setup**

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

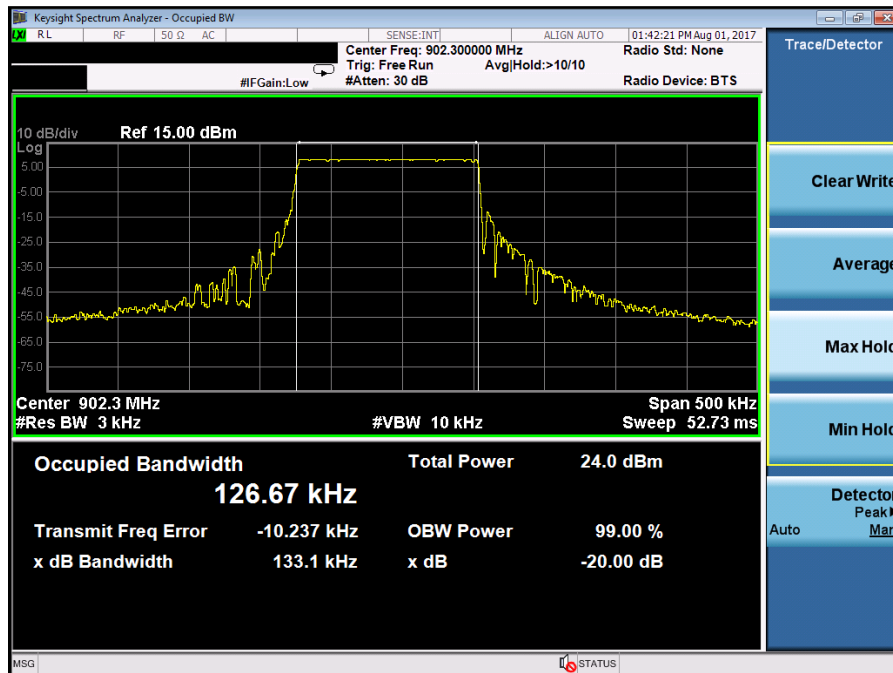
Ambient temperature : 22-26°C  
Relative humidity : 50-65%  
Atmospheric pressure : 100-103kPa

**Table 7: Test result of 20dB Bandwidth**

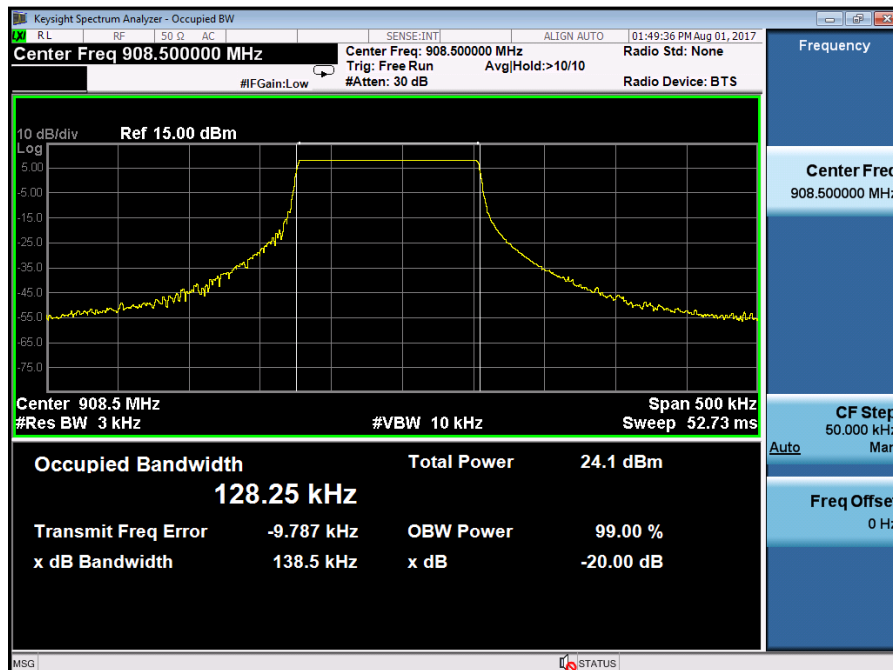
| Channel      | Channel Frequency<br>(MHz) | 20dB Bandwidth<br>(kHz) | Limit<br>(kHz) |
|--------------|----------------------------|-------------------------|----------------|
| Low Channel  | 902.3                      | 133.1                   | < 200          |
| Mid Channel  | 908.5                      | 138.5                   | < 200          |
| High Channel | 914.9                      | 137.9                   | < 200          |

## Test Plot of 20dB Bandwidth

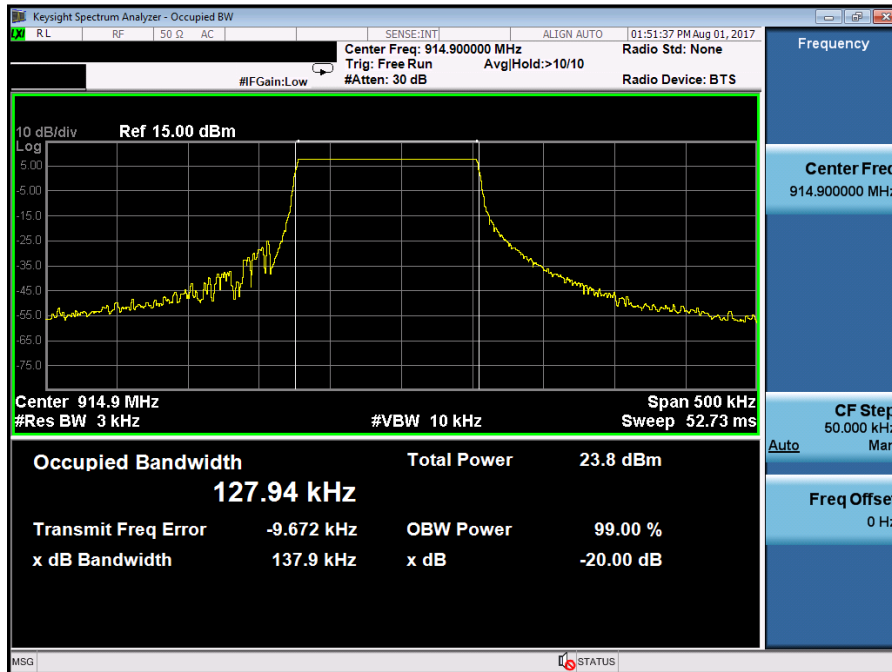
### Low Channel



### Middle Channel



### High Channel



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

|                   |   |                                                                                                                   |
|-------------------|---|-------------------------------------------------------------------------------------------------------------------|
| Test standard     | : | FCC part 15.247(d),<br>RSS-247 5.5                                                                                |
| Basic standard    | : | ANSI C63.10:2013                                                                                                  |
| 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**

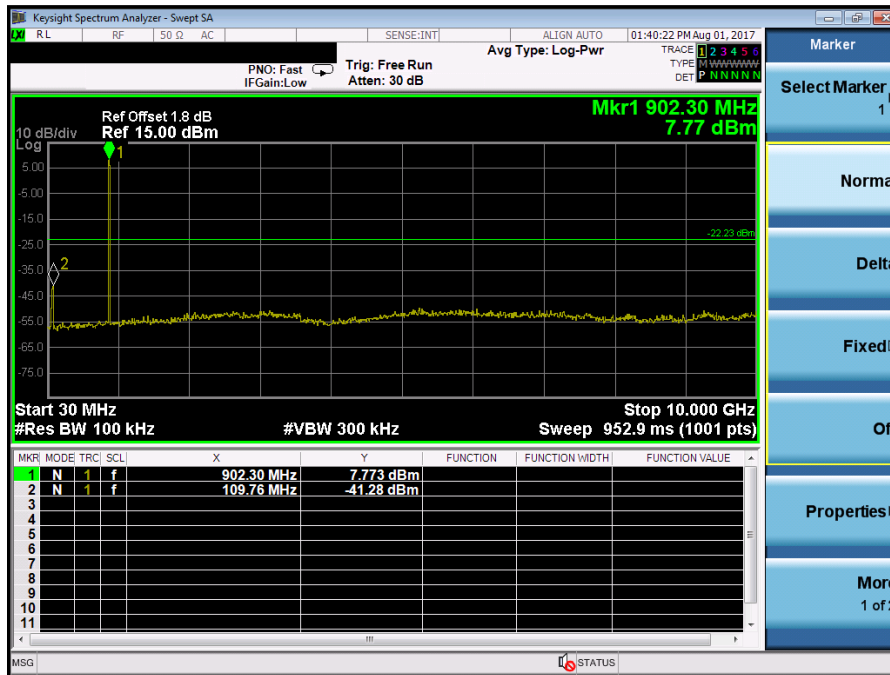
|                      |   |                   |
|----------------------|---|-------------------|
| Test Channel         | : | Low/ Middle/ High |
| Operation Mode       | : | A                 |
| Ambient temperature  | : | 22-26°C           |
| Relative humidity    | : | 50-65%            |
| Atmospheric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

All emissions are more than 30dB below fundamental, details refer to following test plot, and compliance is achieved as well.

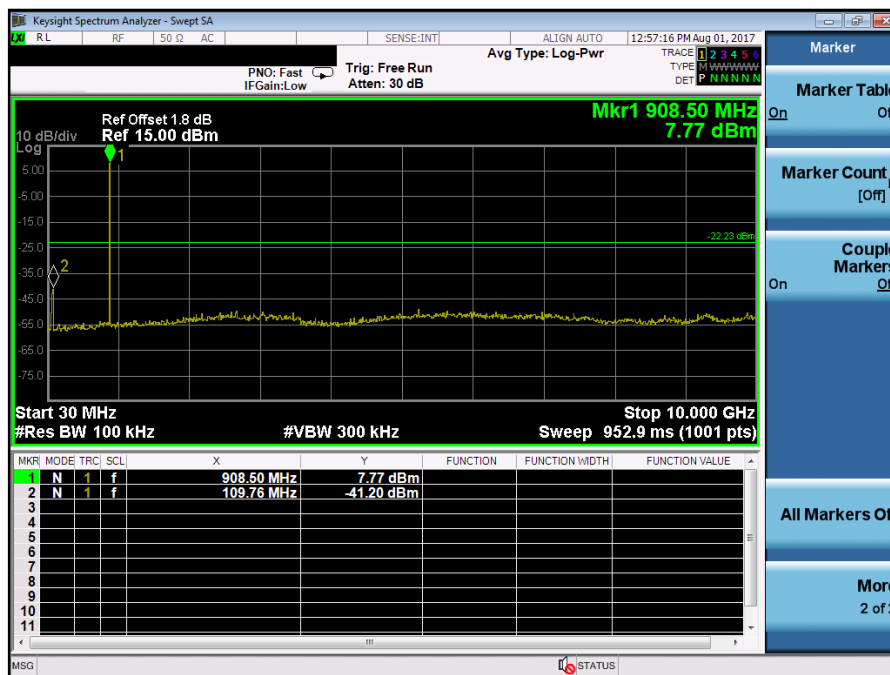
Due to the small size of the product and that there are no inductive components of significant size, 9kHz to 30MHz frequency range is not tested based on technical judgment.

## Test Plot of 100kHz Conducted Emissions

### Low Channel



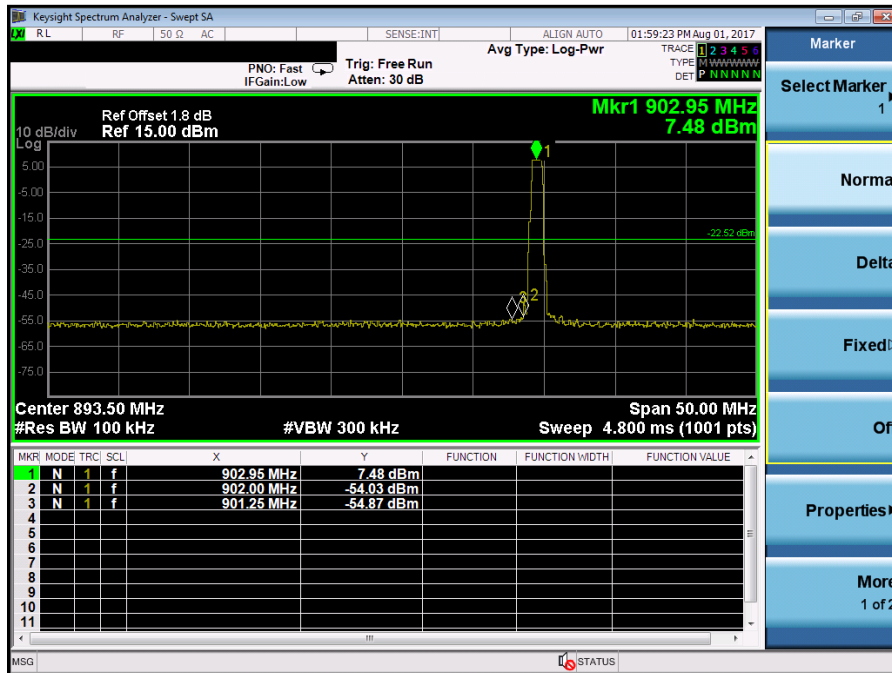
### Middle Channel



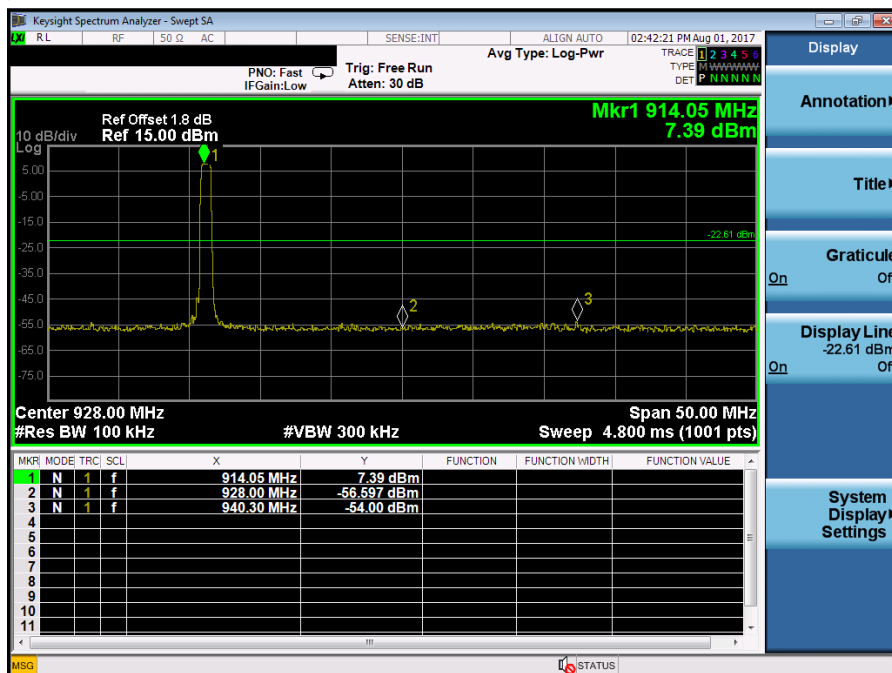
[illegible]

## Test Plot of 100kHz Bandwidth of Frequency Band Edge

### Low Channel



### High Channel



### 5.1.5 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<br>LP0002(2016): 3.10.1, (5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Basic standard    | : | ANSI C63.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 worst-case Axis orientation is 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.

## 5.1.6 Frequency Separation

**RESULT:****Passed**

Test standard : FCC part 15.247(a)(1)  
RSS-247 5.1  
Basic standard : ANSI C63.10:2013  
Limit :  $\geq 25\text{kHz}$  or  $2/3$  of 20dB bandwidth, whichever is greater

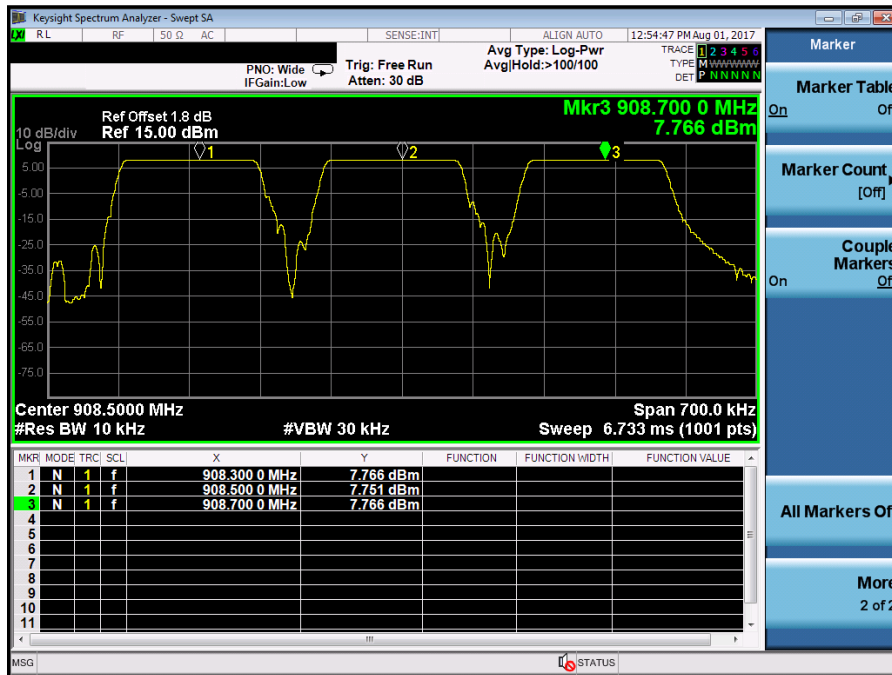
**Test setup**

Test Channel : Low/ Middle/ High  
Operation Mode : A  
Ambient temperature :  $24^{\circ}\text{C}$   
Relative humidity : 53%

**Table 8: Test result of Frequency Separation**

| Channel              | Channel Frequency (MHz) | Measured Channel Separation (kHz) | Limit (kHz)                           | Result |
|----------------------|-------------------------|-----------------------------------|---------------------------------------|--------|
| Record Channel       | 908.5                   | 200                               | $\geq 25\text{kHz}$ or 20dB bandwidth | Pass   |
| Record Channel adj 1 | 908.3                   |                                   |                                       |        |
| Record Channel adj 2 | 908.7                   |                                   |                                       |        |

## Test Plot of Frequency Separation



**5.1.7 Number of hopping frequency****RESULT:****Passed**

Test standard : FCC part 15.247(a)(1)(i)  
RSS-247 5.1(5)  
Basic standard : ANSI C63.10:2013

**Test setup**

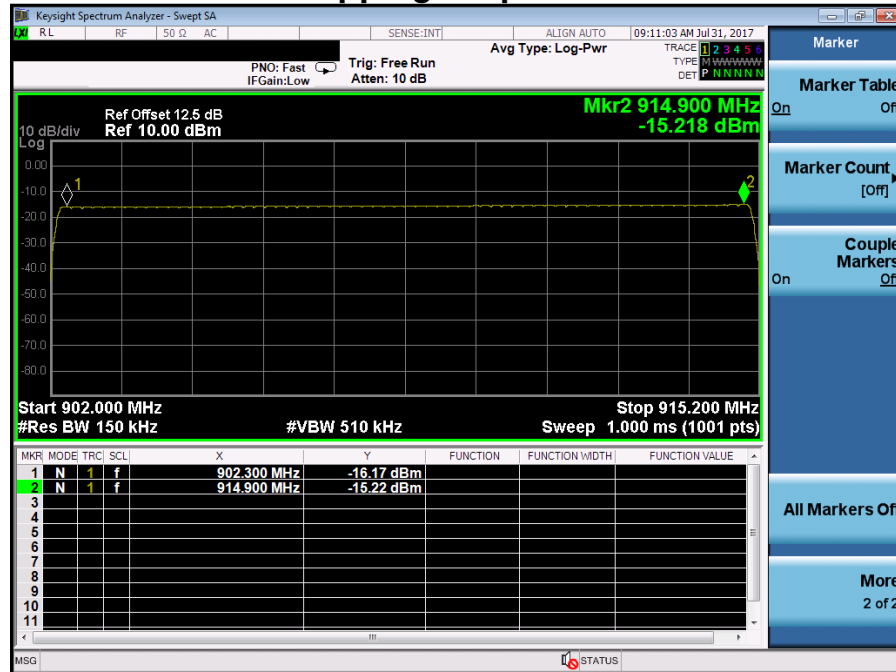
Test Channel : Hopping On

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

**Table 9: Test result of Number of hopping frequency**

| Frequency Range                  | Measured Quantity of Hopping Channel | Limit | Result |
|----------------------------------|--------------------------------------|-------|--------|
| <u>902.3</u> to <u>914.9</u> MHz | 64                                   | ≥50   | Pass   |

## Test Plot of Number of hopping frequencies



### 5.1.8 Time of Occupancy

**RESULT:**
**Passed**

Test standard : FCC part 15.247(a)(1)(i)  
 RSS-247 5.1(5)  
 Basic standard : ANSI C63.10:2013  
 Limits : 0.4s  
 Kind of test site : Shield 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 10: Test result of Time of Occupancy**

| Data Mode | Captured Burst (s) | Dwell time (s) | On+Off time (s) | Limit (s) | Result |
|-----------|--------------------|----------------|-----------------|-----------|--------|
| -         | 0.360              | 0.0165         | 8.840           | 0.4       | Pass   |

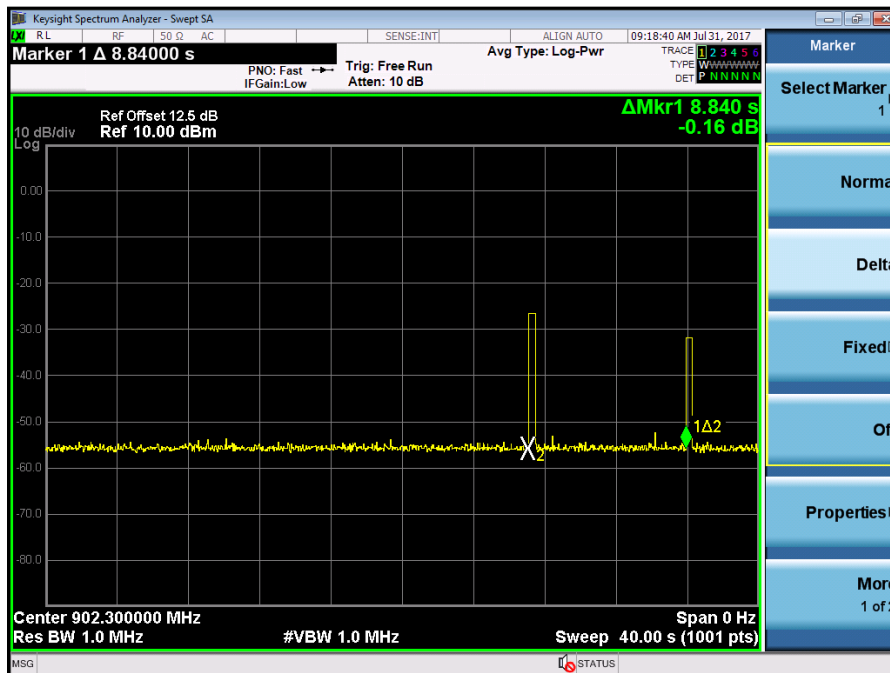
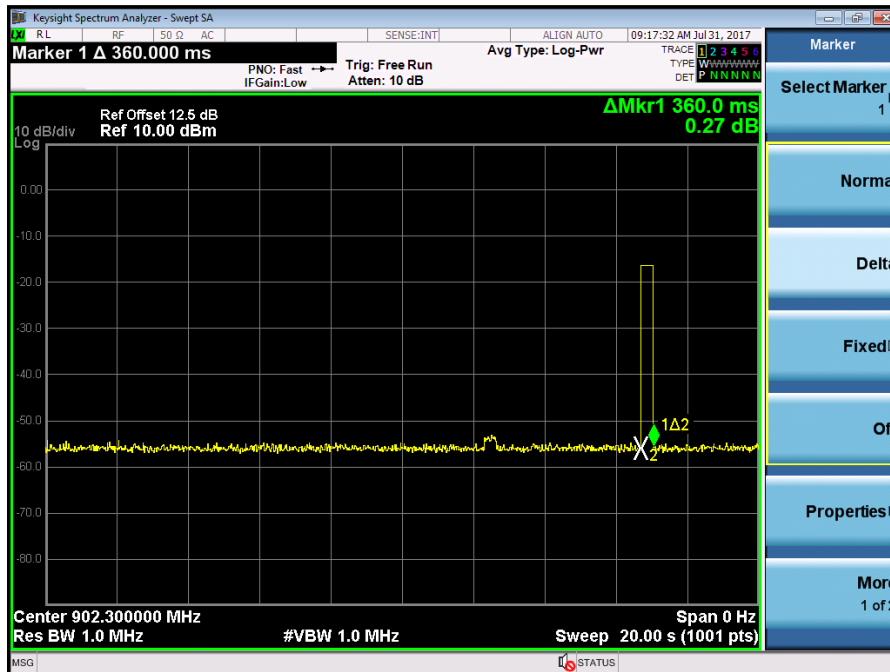
Note:

Dwell time = Pulse width x (Hopping rate / Number of channels) x Period

Period = 0.4 (seconds/ channel) x 64 (channel) = 25.6 seconds.

Hopping rate = 1 / (On+Off time) = 0.113 Hz

## Test Plot of Time of Occupancy



## 5.2 Mains Emissions

### 5.2.1 Mains Conducted Emissions

**RESULT:****Passed**

Test standard : FCC Part 15.207  
FCC Part 15.107  
RSS-Gen 8.8

Limits : Mains Conducted emissions as defined in  
above standards

Kind of test site : Shielded Room

**Test setup**

Test Channel : Middle

Operation mode : A

Remark: For details refer to Appendix D.

## 6. Safety Human exposure

### 6.1 Radio Frequency Exposure Compliance

#### 6.1.1 Electromagnetic Fields

**RESULT:****Passed**

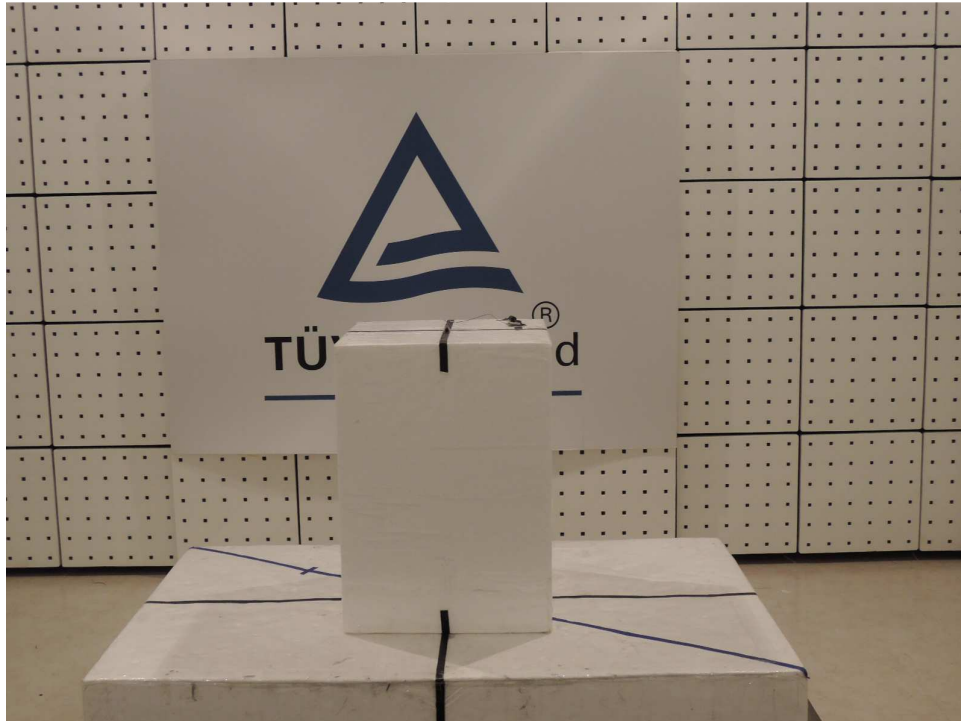
Test standard : FCC KDB Publication 447498

FCC:

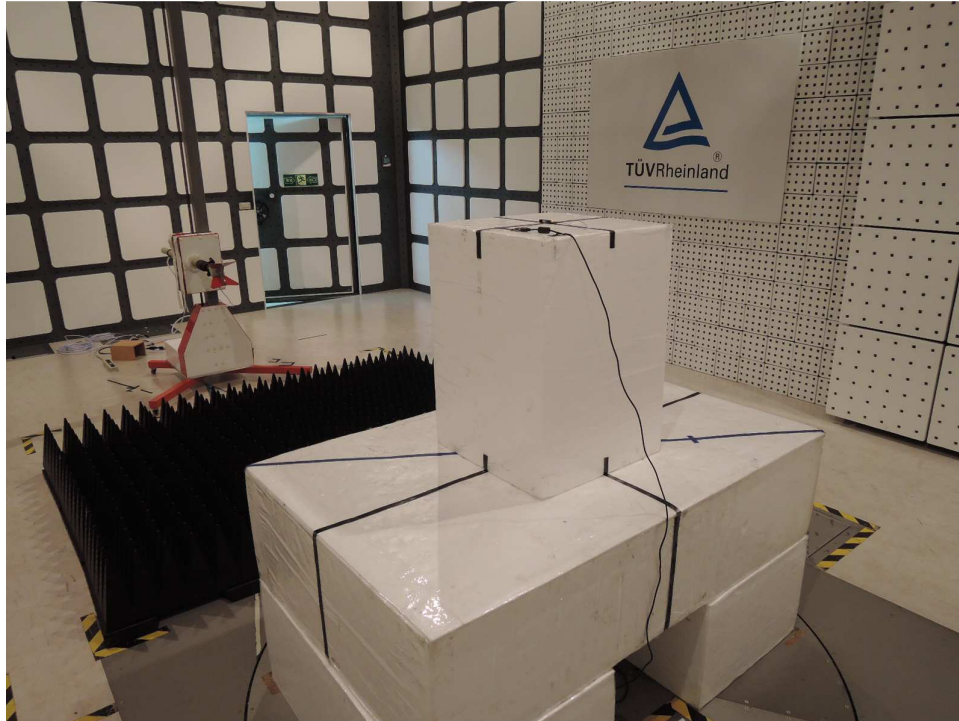
Since maximum peak output power of the transmitter is 5.93 mW < 10mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 v05: Mobile Portable RF Exposure

## Photographs of the Test Set-Up

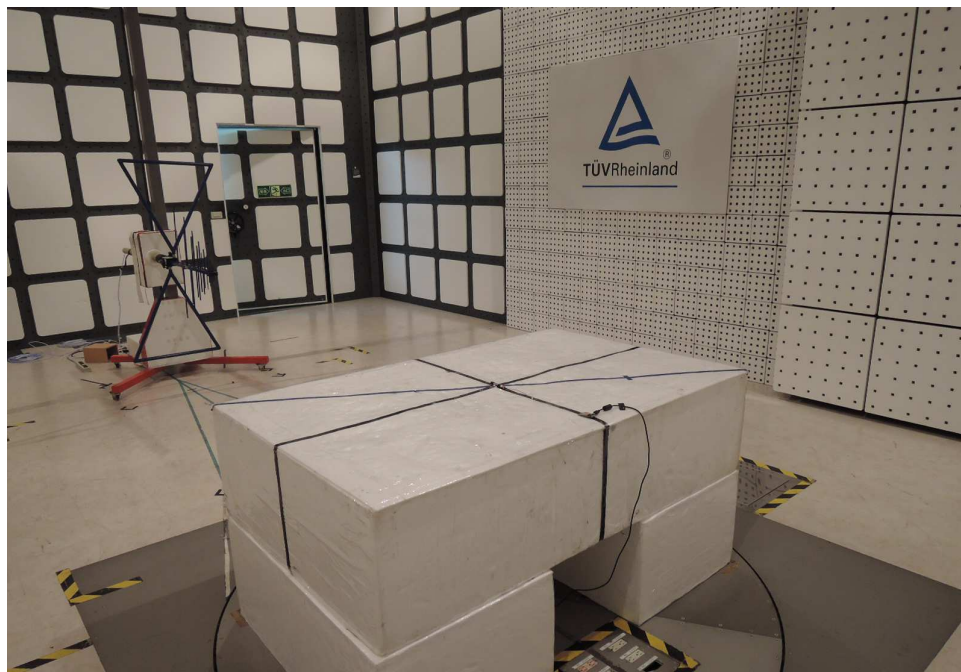
### Photograph 1: Set-up for Spurious Emissions (Front View)



**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**



**Photograph 5: Set-up for for Mains Conducted testing Back**



**Photograph 6: Set-up for for Mains Conducted testing Front**



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