FCC Test Report

Report No.: AGC06545160401FE03

FCC ID : 2AFOYLBA-020-WW

APPLICATION PURPOSE: Original Equipment

PRODUCT DESIGNATION: LeTV U4

BRAND NAME : Letv

MODEL NAME : LBA-020-WW

CLIENT : Le Shi Zhi Xin Electronic Technology (Tian jin) Limited

DATE OF ISSUE : May 11, 2016

STANDARD(S)

TEST PROCEDURE(S)

: FCC Part 15 Rules

REPORT VERSION V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

CAUTION:

This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.



Page 2 of 51

Report Revise Record

| Report Version | Revise Time | Issued Date | Valid Version | Notes |
|----------------|-------------|--------------|---------------|-----------------|
| V1.0 | / | May 11, 2016 | Valid | Original Report |

TABLE OF CONTENTS

| 1. VERIFICATION OF CONFORMITY | 4 |
|---|----|
| 2. GENERAL INFORMATION | 5 |
| 2.1. PRODUCT DESCRIPTION | 5 |
| 2.2. TABLE OF CARRIER FREQUENCY | 6 |
| 3. MEASUREMENT UNCERTAINTY | 7 |
| 4. DESCRIPTION OF TEST MODES | 7 |
| 5. SYSTEM TEST CONFIGURATION | 8 |
| 5.1. CONFIGURATION OF EUT SYSTEM | |
| 5.2. EQUIPMENT USED IN EUT SYSTEM | 8 |
| 5.3. SUMMARY OF TEST RESULTS | 8 |
| 6. TEST FACILITY | 9 |
| 7. RADIATED EMISSION | |
| 7.1TEST LIMIT | 10 |
| 7.2. MEASUREMENT PROCEDURE | 11 |
| 7.3. TEST SETUP | 13 |
| 7.4. TEST RESULT | |
| 8. BAND EDGE EMISSION | 22 |
| 8.1. MEASUREMENT PROCEDURE | |
| 8.2 TEST SETUP | 22 |
| 8.3 RADIATED TEST RESULT | |
| 9. 20DB BANDWIDTH | 31 |
| 9.1. MEASUREMENT PROCEDURE | 31 |
| 9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION) | 31 |
| 9.3. MEASUREMENT RESULTS | 32 |
| 10. FCC LINE CONDUCTED EMISSION TEST | 40 |
| 10.1. LIMITS OF LINE CONDUCTED EMISSION TEST | 40 |
| 10.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST | 40 |
| 10.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST | 41 |
| 10.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST | 41 |
| 10.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST | 42 |
| APPENDIX A: PHOTOGRAPHS OF TEST SETUP | 44 |

Page 4 of 51

1. VERIFICATION OF CONFORMITY

| Applicant | Le Shi Zhi Xin Electronic Technology (Tian jin) Limited | | |
|--------------------------|---|--|--|
| Address | 201-427 2F B1 District, Anime Building, No.126 Anime Middle Road, Eco-city Tianjin, China | | |
| Manufacturer | Panodic Electric(ShenZhen) Limited | | |
| Address | (Bldg.C)) Bldg.1, Zhengchangda Digital Technology Park, Jianan Rd., Tangwei Community, Fuyong, Baoan District, Shenzhen | | |
| Product Designation | LeTV U4 | | |
| Brand Name | Letv | | |
| Test Model | LBA-020-WW | | |
| Date of test | Apr. 13, 2016 to Apr. 14, 2016 | | |
| Deviation | None | | |
| Condition of Test Sample | Normal | | |
| Test Result | Pass | | |
| Report Template | AGCRT-US-BR/RF | | |

We hereby certify that:

The above equipment was tested by Dongguan Precise Testing Service Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rules Part 15.249.

Reviewed by

Rock Huang(Huang Dinglue)

Approved by

Solger Zhang(Zhang Hongyi)
Authorized Officer

May 11, 2016

May 11, 2016

Page 5 of 51

2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

| Operation Frequency | 2.402 GHz to 2.480GHz | | |
|------------------------|---|--|--|
| Maximum field strength | 87.64dBuV(AV)@3m | | |
| Bluetooth Version | V4.0 | | |
| Modulation | GFSK, π /4-DQPSK, 8DPSK | | |
| Number of channels | 79 for BR/EDR, 40 for BLE | | |
| Antenna Gain | 3dBi | | |
| Antenna Designation | Integrated Antenna (Met 15.203 Antenna requirement) | | |
| Hardware Version | S905-H_DVT2_A_H2100 | | |
| Software Version | N/A | | |
| Power Supply | DC 5V by adapter | | |

Page 6 of 51

2.2. TABLE OF CARRIER FREQUENCY

BR/EDR channel List

| Frequency Band | Channel Number | Frequency |
|----------------|----------------|-----------|
| | 0 | 2402MHZ |
| | 1 | 2403MHZ |
| | : | : |
| | 38 | 2440 MHZ |
| 2400~2483.5MHZ | 39 | 2441 MHZ |
| | 40 | 2442 MHZ |
| | : | : |
| | 77 | 2479 MHZ |
| | 78 | 2480 MHZ |

BLE Channel List

| Frequency Band | Channel Number | Frequency | |
|----------------|----------------|-----------|--|
| | 0 | 2402MHZ | |
| 2400~2483.5MHZ | 1 | 2404MHZ | |
| | : | : | |
| | 38 | 2478 MHZ | |
| | 39 | 2480 MHZ | |

Page 7 of 51

3. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y $\pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 % \circ

| No. | Item | Uncertainty |
|-----|-------------------------|-------------|
| 1 | Conducted Emission Test | ±3.18dB |
| 2 | All emissions,radiated | ±3.91dB |
| 3 | Temperature | ±0.5°C |
| 4 | Humidity | ±2% |

4. DESCRIPTION OF TEST MODES

| NO. | TEST MODE DESCRIPTION |
|-------|---------------------------|
| 1 | Low channel GFSK |
| 2 | Middle channel GFSK |
| 3 | High channel GFSK |
| 4 | Low channel π /4-DQPSK |
| 5 | Middle channel π /4-DQPSK |
| 6 | High channel π /4-DQPSK |
| 7 | Low channel 8DPSK |
| 8 | Middle channel 8DPSK |
| 9 | High channel 8DPSK |
| 10 | BT Link with charging |
| N 1 4 | |

Note:

^{1.} All the test modes can be supply by battery, only the result of the worst case was recorded in the report, if no other cases.

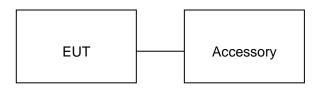
^{2.} For Radiated Emission, 3axis were chosen for testing for each applicable mode.

Page 8 of 51

5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

Configure:



5.2. EQUIPMENT USED IN EUT SYSTEM

| Item | Equipment | Model No. | ID or Specification | Remark |
|------|-----------|------------------|----------------------------|----------|
| 1 | LeTV U4 | LBA-020-WW | 2AFOYLBA-020-WW | EUT |
| 2 | Adapter | NSA10EU-05020000 | AC100-240V 50/60Hz DC5V/2A | Marketed |
| 3 | Displayer | SONY | E1412AYCW | A.E |
| 4 | Displayer | SUNAN | F142HD | A.E |

5.3. SUMMARY OF TEST RESULTS

| FCC RULES | DESCRIPTION OF TEST | RESULT |
|----------------|---------------------|-----------|
| §15.249&15.209 | Radiated Emission | Compliant |
| §15.249 | Band Edges | Compliant |
| §15.215 | 20dB bandwidth | Compliant |
| §15.207 | Conducted Emission | Compliant |

Report No.: AGC06545160401FE03 Page 9 of 51

6. TEST FACILITY

| Site | Dongguan Precise Testing Service Co., Ltd. |
|--|--|
| Doligguan Frecise resting Service Co., Ltd. | |
| Location Building D, Baoding Technology Park, Guangming Road2, Dongcheng District Dongguan, Guangdong, China. | |
| FCC Registration No. | 371540 |
| Description | The test site is constructed and calibrated to meet the FCC requirements in documents ANSI C63.4:2014. |

ALL TEST EQUIPMENT LIST

| Radiated Emission Test Site | | | | | | | |
|--|--------------------|-----------------|------------------|------------------|--------------------|--|--|
| Name of Equipment | Manufacturer | Model Number | Serial Number | Last Calibration | Due Calibration | | |
| EMI Test Receiver | Rohde & Schwarz | ESCI | 101417 | July 4, 2015 | July 3, 2016 | | |
| Trilog Broadband Antenna (25M-1GHz) | SCHWARZBECK | VULB9160 | 9160-3355 | July 4, 2015 | July 3, 2016 | | |
| Signal Amplifier | SCHWARZBECK | BBV 9475 | 9745-0013 | July 4, 2015 | July 3, 2016 | | |
| RF Cable | SCHWARZBECK | AK9515E | 96221 | July 4, 2015 | July 3, 2016 | | |
| 3m Anechoic Chamber | CHENGYU | 966 | PTS-001 | June 6, 2015 | June 5, 2016 | | |
| MULTI-DEVICE Positioning Controller | Max-Full | MF-7802 | MF780208339 | N/A | N/A | | |
| Active loop antenna (9K-30MHz) | Schwarzbeck | FMZB1519 | 1519-038 | June 6, 2015 | June 5, 2016 | | |
| Spectrum analyzer | Agilent | E4407B | MY46185649 | June 6, 2015 | June 5, 2016 | | |
| Horn Antenna (1G-18GHz) | SCHWARZBECK | BBHA9120D | 9120D-1246 | June 6, 2015 | June 5, 2016 | | |
| Horn Ant (18G-40GHz) | Schwarzbeck | BBHA 9170 | 9170-181 | June 6, 2015 | June 5, 2016 | | |

| Conducted Emission Test Site | | | | | | | | |
|-----------------------------------|---|---------|------------|--------------|--------------------|--|--|--|
| Name of Equipment | Name of Equipment Manufacturer Model Number Serial Number | | | | Due Calibration | | | |
| EMI Test Receiver | Rohde & Schwarz | ESCI | 101417 | July 4, 2015 | July 3, 2016 | | | |
| Artificial Mains Network | Narda | L2-16B | 000WX31025 | July 8, 2015 | July 7, 2016 | | | |
| Artificial Mains Network (AUX) | Narda | L2-16B | 000WX31026 | July 8, 2015 | July 7, 2016 | | | |
| RF Cable | SCHWARZBECK | AK9515E | 96222 | July 4, 2015 | July 3, 2016 | | | |
| Shielded Room | CHENGYU | 843 | PTS-002 | June 6,2015 | June 5,2016 | | | |

Page 10 of 51

7. RADIATED EMISSION

7.1TEST LIMIT

Standard FCC15.249

| Fundamental Frequency | Field Strength of Fundamental | Field Strength of Harmonics | |
|-----------------------|-------------------------------|-----------------------------|--|
| | (millivolts/meter) | (microvolts/meter) | |
| 900-928MHz | 50 | 500 | |
| 2400-2483.5MHz | 50 | 500 | |
| 5725-5875MHz | 50 | 500 | |
| 24.0-24.25GHz | 250 | 2500 | |

Standard FCC 15.209

| Frequency | Distance | Field Strengths Limit | | |
|---------------|----------|--------------------------|----------------------------|--|
| (MHz) | Meters | μ V/m | dB(μV)/m | |
| 0.009 ~ 0.490 | 300 | 2400/F(kHz) | | |
| 0.490 ~ 1.705 | 30 | 24000/F(kHz) | | |
| 1.705 ~ 30 | 30 | 30 | | |
| 30 ~ 88 | 3 | 100 | 40.0 | |
| 88 ~ 216 | 3 | 150 | 43.5 | |
| 216 ~ 960 | 3 | 200 | 46.0 | |
| 960 ~ 1000 | 3 | 500 | 54.0 | |
| Above 1000 | 3 | Other:74.0 dB(µV)/m (Pea | k) 54.0 dB(μV)/m (Average) | |

Remark:

- (1) Emission level dB μ V = 20 log Emission level μ V/m
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

Page 11 of 51

7.2. MEASUREMENT PROCEDURE

1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.

- 2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- 5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the guasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

Report No.: AGC06545160401FE03 Page 12 of 51

The following table is the setting of spectrum analyzer and receiver.

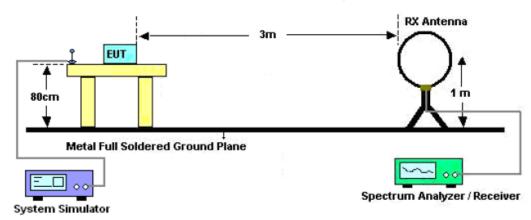
| Spectrum Parameter | Setting |
|-----------------------|---|
| Start ~Stop Frequency | 9KHz~150KHz/RB 200Hz for QP |
| Start ~Stop Frequency | 150KHz~30MHz/RB 9KHz for QP |
| Start ~Stop Frequency | 30MHz~1000MHz/RB 120KHz for QP |
| Start ~Stop Frequency | 1GHz~26.5GHz 1MHz/1MHz for Peak, 1MHz/10Hz for Average |

| Receiver Parameter | Setting |
|-----------------------|--------------------------------|
| Start ~Stop Frequency | 9KHz~150KHz/RB 200Hz for QP |
| Start ~Stop Frequency | 150KHz~30MHz/RB 9KHz for QP |
| Start ~Stop Frequency | 30MHz~1000MHz/RB 120KHz for QP |

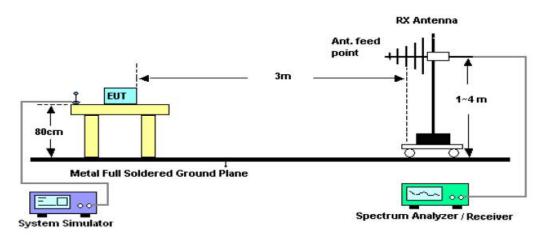
Page 13 of 51

7.3. TEST SETUP

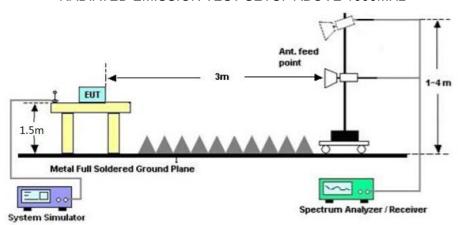
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



Page 14 of 51

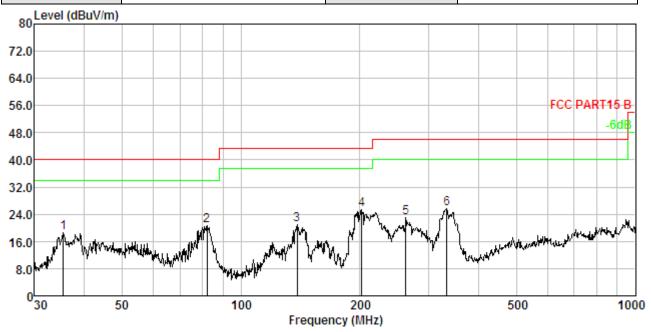
7.4. TEST RESULT

RADIATED EMISSION BELOW 30MHZ

No emission found between lowest internal used/generated frequencies to 30MHz.

RADIATED EMISSION 30MHz-1GHZ

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization: | Horizontal |

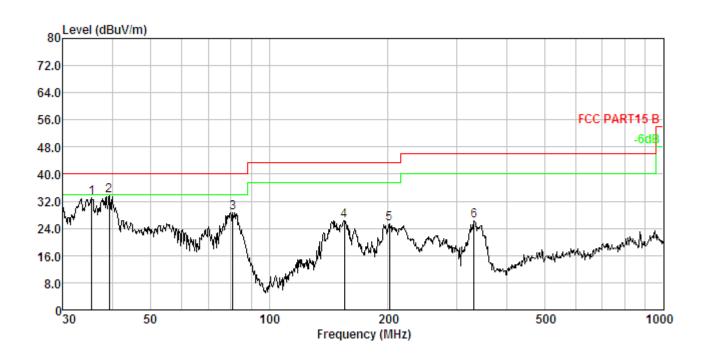


| No. | Freq MHz | Cable Loss dB | ANT Factor dB/m | Receiver Reading dBuV | Preamp Factor dB | Emission Level dBuV/m | Limit dBuV/m | Over Limit dB | Remark |
|-----|-------------|---------------------|-----------------------|-----------------------------|------------------------|-----------------------------|-----------------|---------------------|----------|
| 1. | 35.499 | 1.21 | 13.42 | 34.09 | 30.03 | 18.69 | 40.00 | -21.31 | Peak |
| 2. | 82.071 | 1.97 | 8.73 | 40.26 | 30.32 | 20.64 | 40.00 | -19.36 | Peak |
| 3. | 138.874 | 2.44 | 13.28 | 35.72 | 30.50 | 20.94 | 43.50 | -22.56 | Peak |
| 4. | 202.810 | 2.79 | 10.44 | 42.68 | 30.63 | 25.28 | 43.50 | -18.22 | Peak |
| 5. | 261.975 | 3.02 | 12.20 | 38.58 | 30.72 | 23.08 | 46.00 | -22.92 | Peak |
| 6. | 332.519 | 3.23 | 13.93 | 39.47 | 30.81 | 25.82 | 46.00 | -20.18 | Peak |

RESULT: PASS

Page 15 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization: | Vertical |



| No. | Freq MHz | Cable Loss dB | ANT Factor dB/m | Receiver Reading dBuV | Preamp Factor dB | Emission Level dBuV/m | Limit dBuV/m | Over Limit dB | Remark |
|-----|-------------|---------------------|-----------------------|-----------------------------|------------------------|-----------------------------|-----------------|---------------------|--------|
| 1. | 35.499 | 1.21 | 13.42 | 48.41 | 30.03 | 33.01 | 40.00 | -6.99 | Peak |
| 2. | 39.299 | 1.30 | 13.66 | 48.85 | 30.06 | 33.75 | 40.00 | -6.25 | Peak |
| 3. | 80.927 | 1.95 | 8.75 | 48.36 | 30.32 | 28.74 | 40.00 | -11.26 | Peak |
| 4. | 155.364 | 2.54 | 13.89 | 40.41 | 30.54 | 26.30 | 43.50 | -17.20 | Peak |
| 5. | 202.100 | 2.78 | 10.42 | 42.84 | 30.63 | 25.41 | 43.50 | -18.09 | Peak |
| 6. | 331.355 | 3.23 | 13.90 | 39.99 | 30.81 | 26.31 | 46.00 | -19.69 | Peak |

RESULT: PASS

Note:

Factor=Antenna Factor + Cable loss, Margin=Result-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

The mode 1 is the worst case, and only the data of the worst case recorded in this test report.

Page 16 of 51

RADIATED EMISSION ABOVE 1GHZ FOR BR/EDR

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---------------|-----------------|----------------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2402.013 | 99.86 | -9.37 | 90.49 | 114 | -23.51 | peak |
| 2402.013 | 94.75 | -9.37 | 85.38 | 94 | -8.62 | AVG |
| 4804.026 | 45.84 | 3.74 | 49.58 | 74 | -24.42 | peak |
| 4804.026 | 41.28 | 3.74 | 45.02 | 54 | -8.98 | AVG |
| 7206.039 | 42.08 | 8.14 | 50.22 | 74 | -23.78 | peak |
| 7206.039 | 37.14 | 8.14 | 45.28 | 54 | -8.72 | AVG |
| Remark: | | | | | | |
| Factor = Ante | nna Factor + Ca | able Loss – Pr | e-amplifier. | | | |

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|---------------|-------------|---------------------|------------|
| Temperature : | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type | |
|--|---|--------|----------------|----------|--------|------------|--|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type | |
| 2402.013 | 98.65 | -9.37 | 89.28 | 114 | -24.72 | peak | |
| 2402.013 | 93.28 | -9.37 | 83.91 | 94 | -10.09 | AVG | |
| 4804.026 | 44.18 | 3.74 | 47.92 | 74 | -26.08 | peak | |
| 4804.026 | 40.87 | 3.74 | 44.61 | 54 | -9.39 | AVG | |
| 7206.039 | 41.54 | 8.14 | 49.68 | 74 | -24.32 | peak | |
| 7206.039 36.89 8.14 45.03 54 -8.97 AVG | | | | | | | |
| Remark: | | | | | | | |
| Factor = Ante | Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

Page 17 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 2 | Polarization : | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|---------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2440.016 | 99.58 | -9.63 | 89.95 | 114 | -24.05 | peak |
| 2440.016 | 94.37 | -9.63 | 84.74 | 94 | -9.26 | AVG |
| 4880.032 | 45.28 | 3.76 | 49.04 | 74 | -24.96 | peak |
| 4880.032 | 40.28 | 3.76 | 44.04 | 54 | -9.96 | AVG |
| 7320.048 | 43.18 | 8.17 | 51.35 | 74 | -22.65 | peak |
| 7320.048 | 37.57 | 8.17 | 45.74 | 54 | -8.26 | AVG |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 2 | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|--|---|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2440.016 | 97.42 | -9.63 | 87.79 | 114 | -26.21 | peak |
| 2440.016 | 92.86 | -9.63 | 83.23 | 94 | -10.77 | AVG |
| 4880.032 | 44.15 | 3.76 | 47.91 | 74 | -26.09 | peak |
| 4880.032 | 39.87 | 3.76 | 43.63 | 54 | -10.37 | AVG |
| 7320.048 | 42.51 | 8.17 | 50.68 | 74 | -23.32 | peak |
| 7320.048 36.42 8.17 44.59 54 -9.41 AVG | | | | | | |
| Remark: | | | | | | |
| Factor = Ante | Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | |

Page 18 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|---------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2480.021 | 101.48 | -9.61 | 91.87 | 114 | -22.13 | peak |
| 2480.021 | 97.25 | -9.61 | 87.64 | 94 | -6.36 | AVG |
| 4960.042 | 45.39 | 3.83 | 49.22 | 74 | -24.78 | peak |
| 4960.042 | 41.28 | 3.83 | 45.11 | 54 | -8.89 | AVG |
| 7440.063 | 41.19 | 8.21 | 49.4 | 74 | -24.6 | peak |
| 7440.063 | 37.26 | 8.21 | 45.47 | 54 | -8.53 | AVG |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|---------------|----------|---------------------|------------|
| Temperature : | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|---------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2480.021 | 100.35 | -9.61 | 90.74 | 114 | -23.26 | peak |
| 2480.021 | 96.34 | -9.61 | 86.73 | 94 | -7.27 | AVG |
| 4960.042 | 44.29 | 3.83 | 48.12 | 74 | -25.88 | peak |
| 4960.042 | 40.87 | 3.83 | 44.7 | 54 | -9.3 | AVG |
| 7440.063 | 40.35 | 8.21 | 48.56 | 74 | -25.44 | peak |
| 7440.063 36.67 8.21 44.88 54 -9.12 AVG | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

Note: Other emission from 8G to 25 GHz are considered as ambient noise. No recording in the test report. Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

The GFSK modulation was the worst case and only the data of worst recorded in this report.

Page 19 of 51

RADIATED EMISSION ABOVE 1GHZ FOR BLE

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|---------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2402.013 | 95.16 | -9.37 | 85.79 | 114 | -28.21 | peak |
| 2402.013 | 92.86 | -9.37 | 83.49 | 94 | -10.51 | AVG |
| 4804.026 | 43.15 | 3.74 | 46.89 | 74 | -27.11 | peak |
| 4804.026 | 40.28 | 3.74 | 44.02 | 54 | -9.98 | AVG |
| 7206.039 | 39.87 | 8.14 | 48.01 | 74 | -25.99 | peak |
| 7206.039 | 36.54 | 8.14 | 44.68 | 54 | -9.32 | AVG |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|-----------|---------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2402.013 | 93.84 | -9.37 | 84.47 | 114 | -29.53 | peak |
| 2402.013 | 91.57 | -9.37 | 82.2 | 94 | -11.8 | AVG |
| 4804.026 | 42.53 | 3.74 | 46.27 | 74 | -27.73 | peak |
| 4804.026 | 39.87 | 3.74 | 43.61 | 54 | -10.39 | AVG |
| 7206.039 | 38.59 | 8.14 | 46.73 | 74 | -27.27 | peak |
| 7206.039 | 35.48 | 8.14 | 43.62 | 54 | -10.38 | AVG |
| Remark: | | | | _ | | _ |

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Page 20 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 2 | Polarization : | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|---------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2440.016 | 94.85 | -9.63 | 85.22 | 114 | -28.78 | peak |
| 2440.016 | 91.37 | -9.63 | 81.74 | 94 | -12.26 | AVG |
| 4880.032 | 40.87 | 3.76 | 44.63 | 74 | -29.37 | peak |
| 4880.032 | 37.14 | 3.76 | 40.9 | 54 | -13.1 | AVG |
| 7320.048 | 39.86 | 8.17 | 48.03 | 74 | -25.97 | peak |
| 7320.048 36.57 8.17 44.74 54 -9.26 AVG | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|---------------|----------|---------------------|------------|
| Temperature : | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 2 | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|---------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2440.016 | 93.17 | -9.63 | 83.54 | 114 | -30.46 | peak |
| 2440.016 | 90.58 | -9.63 | 80.95 | 94 | -13.05 | AVG |
| 4880.032 | 39.48 | 3.76 | 43.24 | 74 | -30.76 | peak |
| 4880.032 | 36.57 | 3.76 | 40.33 | 54 | -13.67 | AVG |
| 7320.048 | 39.14 | 8.17 | 47.31 | 74 | -26.69 | peak |
| 7320.048 36.08 8.17 44.25 54 -9.75 AVG | | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

Page 21 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Horizontal |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|--|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2480.021 | 96.14 | -9.61 | 86.53 | 114 | -27.47 | peak |
| 2480.021 | 93.54 | -9.61 | 83.93 | 94 | -10.07 | AVG |
| 4960.042 | 41.28 | 3.83 | 45.11 | 74 | -28.89 | peak |
| 4960.042 | 38.59 | 3.83 | 42.42 | 54 | -11.58 | AVG |
| 7440.063 | 40.13 | 8.21 | 48.34 | 74 | -25.66 | peak |
| 7440.063 | 7440.063 36.74 8.21 44.95 54 -9.05 AVG | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Vertical |

| Frequency | Meter Reading | Factor | Emission Level | Limits | Margin | Value Type |
|---|---------------------------------------|--------|----------------|----------|--------|------------|
| (MHz) | (dBµV) | (dB) | (dBµV/m) | (dBµV/m) | (dB) | value Type |
| 2480.021 | 94.75 | -9.61 | 85.14 | 114 | -28.86 | peak |
| 2480.021 | 91.86 | -9.61 | 82.25 | 94 | -11.75 | AVG |
| 4960.042 | 40.74 | 3.83 | 44.57 | 74 | -29.43 | peak |
| 4960.042 | 37.86 | 3.83 | 41.69 | 54 | -12.31 | AVG |
| 7440.063 | 39.54 | 8.21 | 47.75 | 74 | -26.25 | peak |
| 7440.063 | 7440.063 35.19 8.21 43.4 54 -10.6 AVG | | | | | |
| Remark: | | | | | | |
| Factor = Antenna Factor + Cable Loss – Pre-amplifier. | | | | | | |

Note: Other emission from 8G to 25 GHz are considered as ambient noise. No recording in the test report. Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

Page 22 of 51

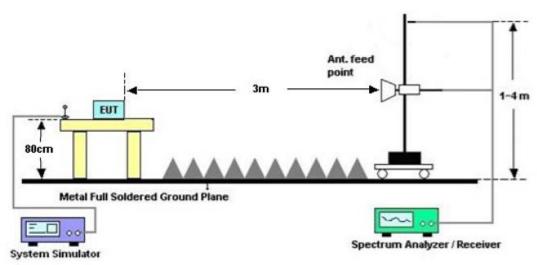
8. BAND EDGE EMISSION

8.1. MEASUREMENT PROCEDURE

- 1. The EUT operates at transmitting mode. The operate channel is tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.
- 2. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission: (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO
- (b) AVERAGE: RBW=1MHz; VBW=1/on time(1KHz) / Sweep=AUTO
- 3. Other procedures refer to clause 7.2.

8.2 TEST SETUP

RADIATED EMISSION TEST SETUP



8.3 RADIATED TEST RESULT

Note:

- 1. Factor=Antenna Factor + Cable loss Amplifier gain. Field Strength=Factor + Reading level
- 2. The factor had been edited in the "Input Correction" of the Spectrum Analyzer. So the Amplitude of test plots is equal to Reading level plus the Factor in dB. Use the A dB(μ V) to represent the Amplitude. Use the F dB(μ V/m) to represent the Field Strength. So A=F.

Page 23 of 51

FOR BR/EDR:

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Horizontal |

PK Value



AV Value



Report No.: AGC06545160401FE03 Page 24 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Vertical |

PK Value



AV Value



Report No.: AGC06545160401FE03 Page 25 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Horizontal |

PK Value



AV Value



Report No.: AGC06545160401FE03 Page 26 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Vertical |

PK Value



AV Value



Report No.: AGC06545160401FE03 Page 27 of 51

FOR BLE

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Horizontal |

PK Value



AV Value



Report No.: AGC06545160401FE03 Page 28 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|---------------|-------------|---------------------|------------|
| Temperature : | 20 ℃ | Relative Humidtity: | 48% |
| Pressure : | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 1 | Polarization : | Vertical |

PK Value



AV Value



Report No.: AGC06545160401FE03 Page 29 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Horizontal |

PK Value



AV Value



Report No.: AGC06545160401FE03 Page 30 of 51

| EUT: | LeTV U4 | Model Name. : | LBA-020-WW |
|--------------|----------|---------------------|------------|
| Temperature: | 20 ℃ | Relative Humidtity: | 48% |
| Pressure: | 1010 hPa | Test Voltage : | DC5V |
| Test Mode : | Mode 3 | Polarization : | Vertical |

PK Value



AV Value



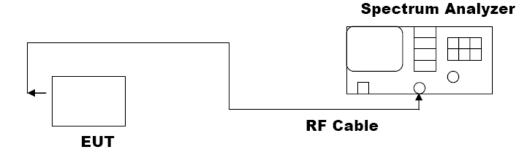
Page 31 of 51

9. 20DB BANDWIDTH

9.1. MEASUREMENT PROCEDURE

- 1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
- 2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 3. Set SPA Centre Frequency = Operation Frequency, RBW= 100 KHz, VBW ≥ 3×RBW.
- 4. Set SPA Trace 1 Max hold, then View.

9.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



Page 32 of 51

9.3. MEASUREMENT RESULTS

| TEST ITEM | 20DB BANDWIDTH |
|-----------------|-----------------|
| TEST MODULATION | GFSK for BR/EDR |

| Test Data (MHz) | | Criteria |
|-----------------|--------|----------|
| Low Channel | 0.8165 | PASS |
| Middle Channel | 0.8136 | PASS |
| High Channel | 0.9354 | PASS |

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



Page 33 of 51

TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



Page 34 of 51

| TEST ITEM | 20DB BANDWIDTH |
|-----------------|-----------------------|
| TEST MODULATION | π /4-DQPSK for BR/EDR |

| Test Data (MHz) | | Criteria |
|-----------------|-------|----------|
| Low Channel | 1.164 | PASS |
| Middle Channel | 1.159 | PASS |
| High Channel | 1.173 | PASS |

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



Page 35 of 51

TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



Page 36 of 51

| TEST ITEM | 20DB BANDWIDTH |
|-----------------|------------------|
| TEST MODULATION | 8DPSK for BR/EDR |

| Test Data (MHz) | Criteria | |
|-----------------|----------|------|
| Low Channel | 1.111 | PASS |
| Middle Channel | 1.111 | PASS |
| High Channel | 1.110 | PASS |

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL

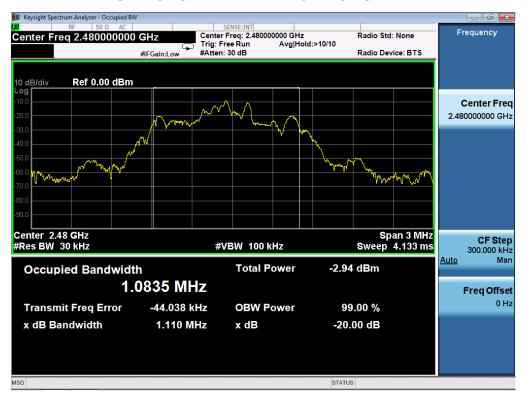


Page 37 of 51

TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



Report No.: AGC06545160401FE03 Page 38 of 51

| TEST ITEM | 20DB BANDWIDTH |
|-----------------|----------------|
| TEST MODULATION | GFSK for BLE |

| Test Data (MHz) | Criteria | |
|-----------------|----------|------|
| Low Channel | 1.124 | PASS |
| Middle Channel | 1.123 | PASS |
| High Channel | 1.122 | PASS |

TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



Page 39 of 51

TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



Page 40 of 51

10. FCC LINE CONDUCTED EMISSION TEST

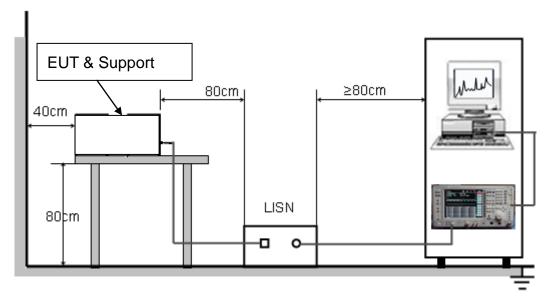
10.1. LIMITS OF LINE CONDUCTED EMISSION TEST

| Framional | Maximum RF Line Voltage | | | | |
|---------------|-------------------------|----------------|--|--|--|
| Frequency | Q.P.(dBuV) | Average(dBuV) | | | |
| 150kHz~500kHz | 66-56 | 56-46 | | | |
| 500kHz~5MHz | 56 | 46 | | | |
| 5MHz~30MHz | 60 | 50 | | | |

Note:

- 1. The lower limit shall apply at the transition frequency.
- 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50MHz.

10.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



Page 41 of 51

10.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.

- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipments received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received charging voltage by adapter which received 120V/60Hzpower by a LISN..
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

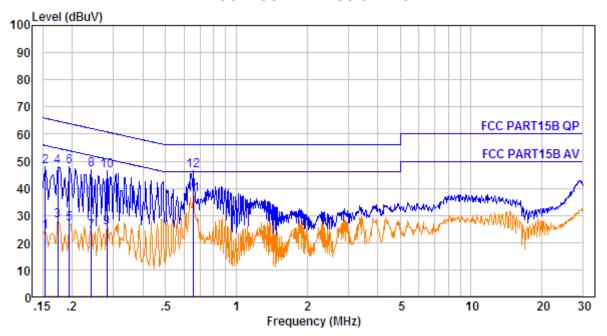
Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

10.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- 2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case condition(s) was reported on the Summary Data page.

10.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

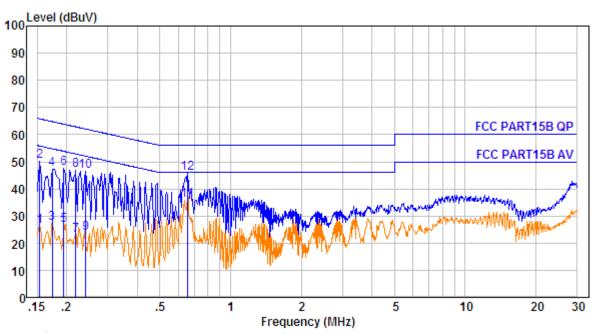
LINE CONDUCTED EMISSION TEST-L



| No. | Freq MHz | Cable Loss dB | AMN Factor dB | Receiver Reading dBuV | Emission Level dBuV | Limit dBu∨ | Over Limit dB | Remark |
|-----|-------------|---------------------|---------------------|-----------------------------|---------------------------|---------------|---------------------|---------|
| 1. | 0.154 | 10.60 | 0.60 | 12.70 | 23.90 | 55.78 | -31.88 | Average |
| 2. | 0.154 | 10.60 | 0.60 | 36.70 | 47.90 | 65.78 | -17.88 | Peak - |
| 3. | 0.174 | 10.60 | 0.60 | 16.75 | 27.95 | 54.77 | -26.82 | Average |
| 4. | 0.174 | 10.60 | 0.60 | 36.75 | 47.95 | 64.77 | -16.82 | Peak |
| 5. | 0.194 | 10.61 | 0.60 | 15.64 | 26.85 | 53.84 | -26.99 | Average |
| 6. | 0.194 | 10.61 | 0.60 | 36.64 | 47.85 | 63.84 | -15.99 | Peak |
| 7. | 0.242 | 10.62 | 0.60 | 12.59 | 23.81 | 52.04 | -28.23 | Average |
| 8. | 0.242 | 10.62 | 0.60 | 35.59 | 46.81 | 62.04 | -15.23 | Peak |
| 9. | 0.282 | 10.62 | 0.60 | 14.22 | 25.44 | 50.76 | -25.32 | Average |
| 10. | 0.282 | 10.62 | 0.60 | 35.22 | 46.44 | 60.76 | -14.32 | Peak |
| 11. | 0.654 | 10.66 | 0.60 | 26.24 | 37.50 | 46.00 | -8.50 | Average |
| 12. | 0.654 | 10.66 | 0.60 | 35.24 | 46.50 | 56.00 | -9.50 | Peak - |

RESULT: PASS

LINE CONDUCTED EMISSION TEST-N



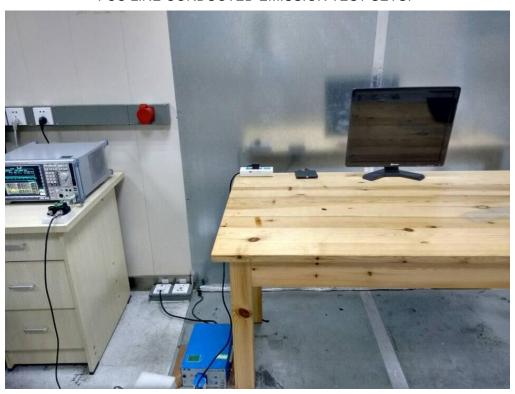
| No. | Freq MHz | Cable Loss dB | AMN Factor dB | Receiver Reading dBuV | Emission Level dBuV | Limit dBu∀ | O∨er Limit dB | Remark |
|-----|-------------|---------------------|---------------------|-----------------------------|---------------------------|---------------|---------------------|-------------------|
| 1. | 0.154 | 10.60 | 0.60 | 15.01 | 26.21 | 55.78 | -29.57 | Average |
| 2. | 0.154 | 10.60 | 0.60 | 39.01 | 50.21 | 65.78 | -15.57 | Peak [*] |
| 3. | 0.174 | 10.60 | 0.60 | 16.09 | 27.29 | 54.77 | -27.48 | Average |
| 4. | 0.174 | 10.60 | 0.60 | 36.09 | 47.29 | 64.77 | -17.48 | Peak - |
| 5. | 0.194 | 10.61 | 0.60 | 15.33 | 26.54 | 53.84 | -27.30 | Average |
| 6. | 0.194 | 10.61 | 0.60 | 36.33 | 47.54 | 63.84 | -16.30 | Peak |
| 7. | 0.219 | 10.61 | 0.60 | 11.69 | 22.90 | 52.88 | -29.98 | Average |
| 8. | 0.219 | 10.61 | 0.60 | 35.69 | 46.90 | 62.88 | -15.98 | Peak - |
| 9. | 0.242 | 10.62 | 0.60 | 12.41 | 23.63 | 52.04 | -28.41 | Average |
| 10. | 0.242 | 10.62 | 0.60 | 35.41 | 46.63 | 62.04 | -15.41 | Peak - |
| 11. | 0.654 | 10.66 | 0.60 | 24.43 | 35.69 | 46.00 | -10.31 | Average |
| 12. | 0.654 | 10.66 | 0.60 | 34.43 | 45.69 | 56.00 | -10.31 | Peak - |

RESULT: PASS

Page 44 of 51

APPENDIX A: PHOTOGRAPHS OF TEST SETUP

FCC LINE CONDUCTED EMISSION TEST SETUP

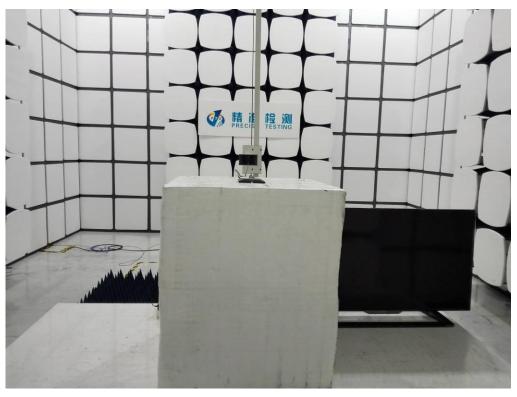


FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



Report No.: AGC06545160401FE03 Page 45 of 51





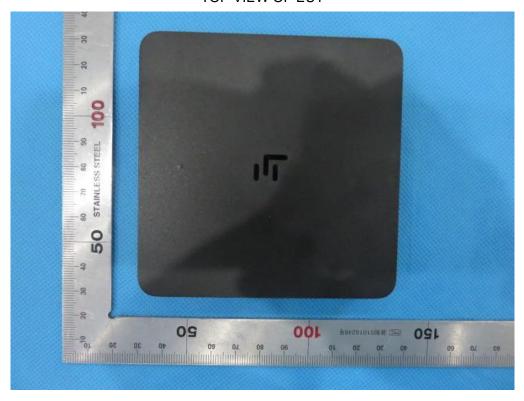
Page 46 of 51

APPENDIX B: PHOTOGRAPHS OF EUT

ALL VIEW OF EUT

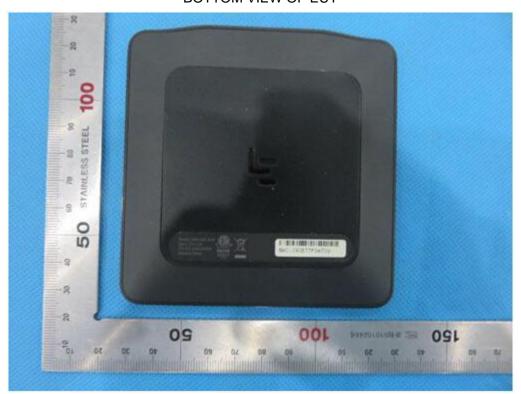


TOP VIEW OF EUT

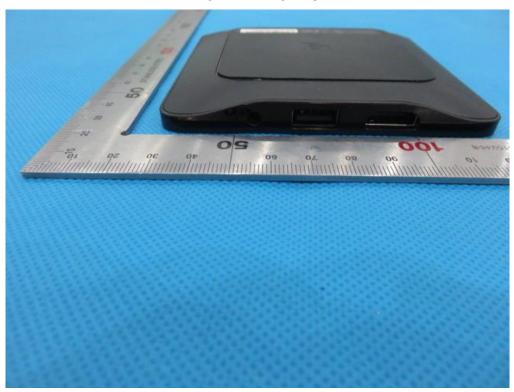


Report No.: AGC06545160401FE03 Page 47 of 51

BOTTOM VIEW OF EUT

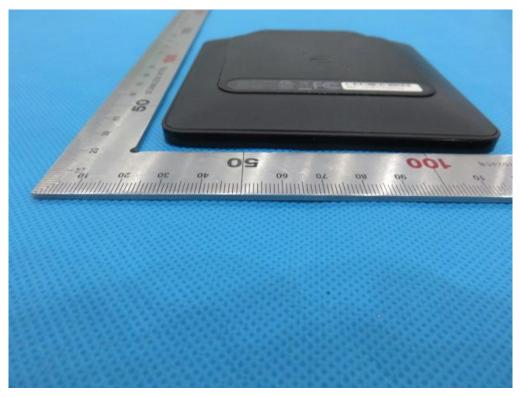


FRONT VIEW OF EUT

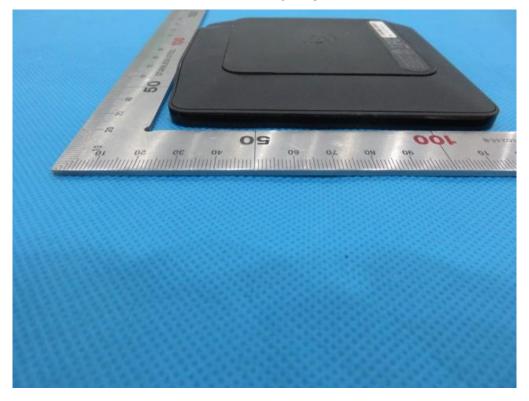


Page 48 of 51

BACK VIEW OF EUT

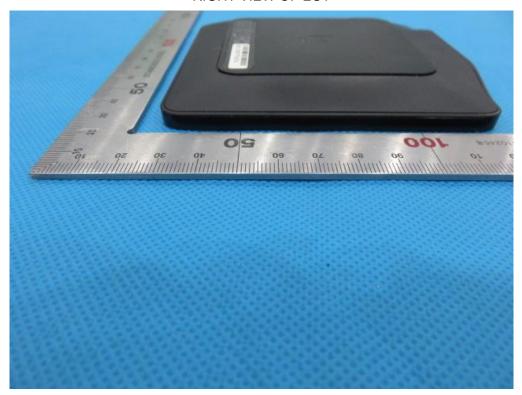


LEFT VIEW OF EUT

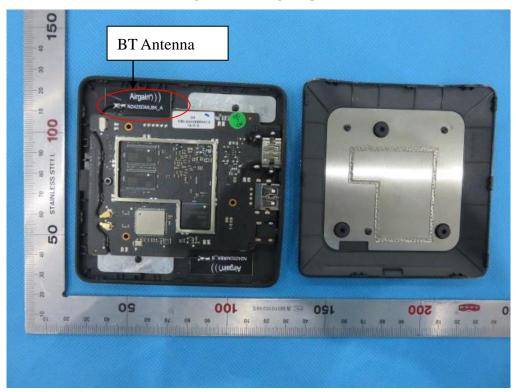


Page 49 of 51

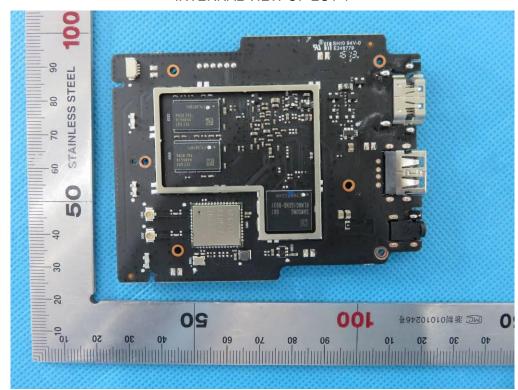
RIGHT VIEW OF EUT



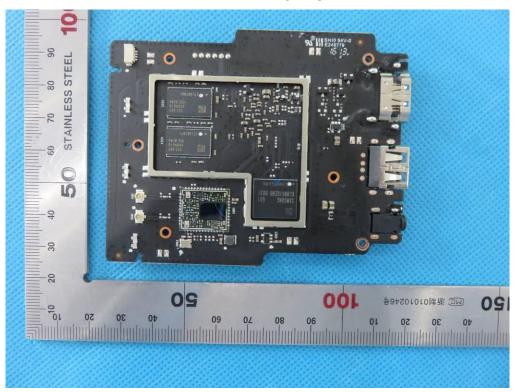
OPEN VIEW OF EUT



INTERNAL VIEW OF EUT-1

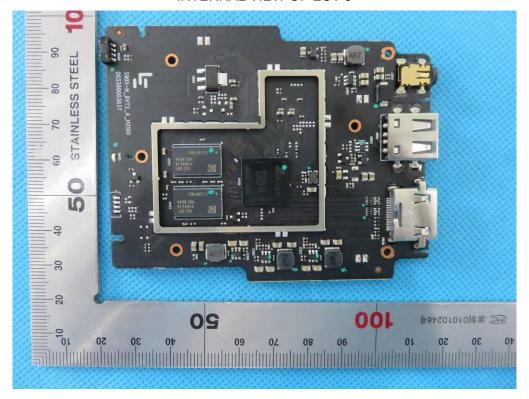


INTERNAL VIEW OF EUT-2



Report No.: AGC06545160401FE03 Page 51 of 51

INTERNAL VIEW OF EUT-3



----END OF REPORT----