

| | | | | | |
|--|--|--|--|---|-----------------------|
| Prüfbericht-Nr.: <i>Test Report No.:</i> | 17049861 004 | Auftrags-Nr.: <i>Order No.:</i> | 164035423 | Seite 1 von 48 <i>Page 1 of 48</i> | |
| Kunden-Referenz-Nr.: <i>Client Reference No.:</i> | N/A | Auftragsdatum: <i>Order date:</i> | 07.05.2015 | | |
| Auftraggeber: <i>Client:</i> | Lightcomm Technology Co., Ltd. RM1708-10, 17/F, PROSPERITY CENTRE, 25 CHONG YIP STREET, KWUN TONG, HONG KONG | | | | |
| Prüfgegenstand: <i>Test item:</i> | 10.1" Wi-Fi Android Tablet | | | | |
| Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i> | NS-P16AT10 | | | | |
| Auftrags-Inhalt: <i>Order content:</i> | FCC Certification | | | | |
| Prüfgrundlage: <i>Test specification:</i> | CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 | | | | |
| Wareneingangsdatum: <i>Date of receipt:</i> | 28.04.2015 | | | | |
| Prüfmuster-Nr.: <i>Test sample No.:</i> | A000221149-001 | | | | |
| Prüfzeitraum: <i>Testing period:</i> | 28.05.2015 - 19.06.2015 | | | | |
| Ort der Prüfung: <i>Place of testing:</i> | Accurate Technology Co., Ltd. | | | | |
| Prüflaboratorium: <i>Testing laboratory:</i> | TÜV Rheinland (Shenzhen) Co., Ltd. | | | | |
| Prüfergebnis*: <i>Test result*:</i> | Pass | | | | |
| geprüft von / tested by: |  | | kontrolliert von / reviewed by: |  | |
| 28.07.2015 | Lin Lin / Project Manager | | 28.07.2015 | Sam Lin/Technical Certifier | |
| Datum | Name / Stellung | Unterschrift | Datum | Name / Stellung | Unterschrift |
| <i>Date</i> | <i>Name / Position</i> | <i>Signature</i> | <i>Date</i> | <i>Name / Position</i> | <i>Signature</i> |
| Sonstiges / Other: | FCC ID: XMF-NSP16AT10 | | | | |
| Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i> | Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i> | | | | |
| * Legende: | 1 = sehr gut | 2 = gut | 3 = befriedigend | 4 = ausreichend | 5 = mangelhaft |
| | P(ass) = entspricht o.g. Prüfgrundlage(n) | F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | N/A = nicht anwendbar | N/T = nicht getestet | |
| Legend: | 1 = very good | 2 = good | 3 = satisfactory | 4 = sufficient | 5 = poor |
| | P(ass) = passed a.m. test specification(s) | F(ail) = failed a.m. test specification(s) | N/A = not applicable | N/T = not tested | |
| 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. <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> | | | | | |

v04

TEST SUMMARY

5.1.1 CONDUCTED EMISSIONS

RESULT: Pass

5.2.1 RADIATED EMISSION

RESULT: Pass

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

(Test site Industry Canada No.: 5077A-2)

F1, Bldg. A, Changyuan New Material Port
Keyuan Rd., Science & Industry Park, Nanshan
Shenzhen, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

| Radiated Emission | | | | | |
|--|----------------------|--------------------|------------|--------------|---------------|
| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
| Spectrum Analyzer | Rohde&Schwarz | FSV40 | 101495 | Jan.10, 2015 | 1 Year |
| Test Receiver | Rohde&Schwarz | ESCS30 | 100307 | Jan.10, 2015 | 1 Year |
| Bilog Antenna | Schwarzbeck | VULB9163 | 9163-323 | Jan.15, 2015 | 1 Year |
| Loop Antenna | Schwarzbeck | FMZB1516 | 1516131 | Jan.15, 2015 | 1 Year |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-655 | Jan.15, 2015 | 1 Year |
| Horn Antenna | Schwarzbeck | BBHA9170 | 9170-359 | Jan.15, 2015 | 1 Year |
| RF Switching Unit+PreAMP | Compliance Direction | RSU-M2 | 38322 | Jan.10, 2015 | 1 Year |
| Pre-Amplifier | Rohde&Schwarz | CBLU11835 40-01 | 3791 | Jan.10, 2015 | 1 Year |
| 50 Coaxial Switch | Anritsu Corp | MP59B | 6200506474 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | SUHNER | N-3m | No.8 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | RESENBERGER | N-3.5m | No.9 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | SUHNER | N-6m | No.10 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | RESENBERGER | N-12m | No.11 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | RESENBERGER | N-0.5m | No.12 | Jan.10, 2015 | 1 Year |
| Conducted Emission | | | | | |
| Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
| Test Receiver | Rohde & Schwarz | ESCS30 | 100307 | Jan.10, 2015 | 1 Year |
| L.I.S.N. | Schwarzbeck | NLSK8126 | 8126431 | Jan.10, 2015 | 1 Year |
| Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | 100815 | Jan.10, 2015 | 1 Year |
| 50Ω Coaxial Switch | Anritsu Corp | MP59B | 6200283933 | Jan.10, 2015 | 1 Year |
| VOLTAGE PROBE | Schwarzbeck | TK9416 | N/A | Jan.10, 2015 | 1 Year |
| RF CURRENT PROBE | Rohde & Schwarz | EZ-17 | 100048 | Jan.10, 2015 | 1 Year |
| 8-Wire Impedance Stabilisation Network | Schwarzbeck | CAT5 8158 | 8158-0035 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | SUHNER | N-2m | No.2 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | SUHNER | N-2m | No.3 | Jan.10, 2015 | 1 Year |
| RF Coaxial Cable | SUHNER | N-2m | No.14 | Jan.10, 2015 | 1 Year |

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 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.

2.5 Measurement Uncertainty

For a 95% confidence level, the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO/IEC 17025 are:

Table 2: Measurement Uncertainty

| Items | | Extended Uncertainty |
|-----------------------------------|----------------------------|---|
| Conducted Emission (0.15 - 30MHz) | Disturbance Voltage (dBuV) | $U=\pm 2.90\text{dB}$, $k=2$, $\sigma=95\%$ |
| Radiated Emission (30 - 1000MHz) | Field strength (dBuV/m) | $U=\pm 4.27\text{dB}$, $k=2$, $\sigma=95\%$ |
| Radiated Emission (1 - 26.5GHz) | Field strength (dBuV/m) | $U=\pm 4.46\text{dB}$, $k=2$, $\sigma=95\%$ |

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

2.8 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

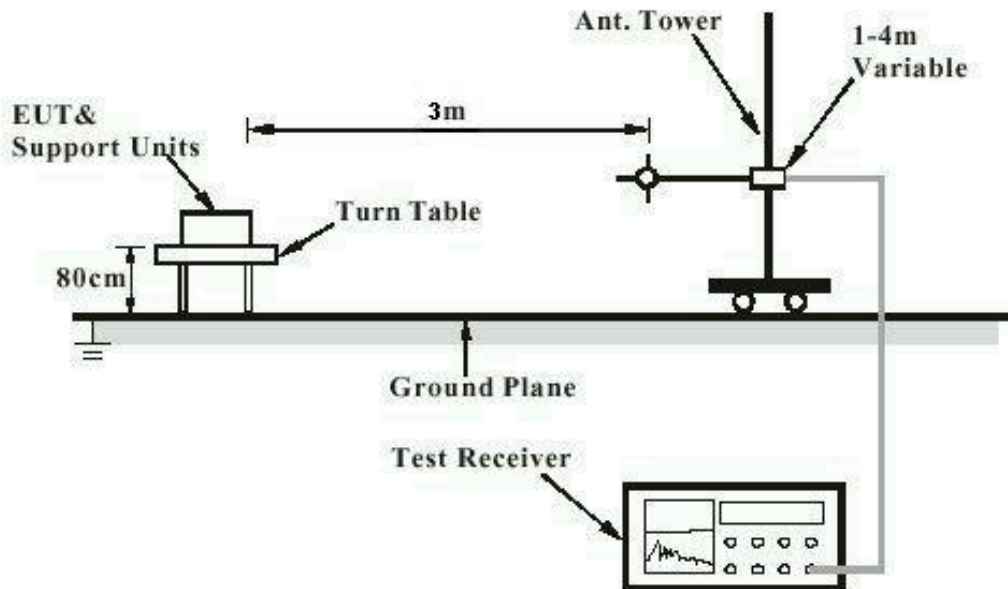
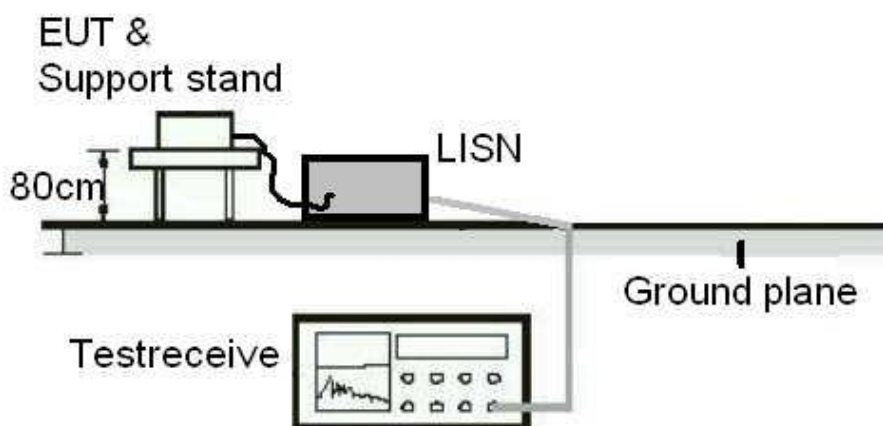


Diagram of Measurement Equipment Configuration for Conduction Measurement



3. General Product Information

3.1 Product Function and Intended Use

The EUT is 10.1" tablet with Wi-Fi & Bluetooth function.
For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification

| Technical Specification | Value |
|-------------------------|----------------------------|
| Kind of Equipment | 10.1" Wi-Fi Android Tablet |
| Type Designation | NS-P16AT10 |
| FCC ID | XMF-NSP16AT10 |
| Input Rating | 5Vdc, 2A |
| Battery | 3.7Vdc |

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, with charging
 - 1. Video Record
 - 2. Video Play
 - 3. FM
 - 4. GPS
- B. Connected to PC
- C. Standby
- D. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- Bill of Material
- Constructional Drawing
- PCB Layout
- Photo Document
- Circuit Diagram
- Instruction Manual
- Rating Label

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 5. All testing were performed according to the procedures in ANSI C63.4: 2003.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

| Description | Manufacturer | Part No. | Rating |
|---------------|--------------|------------------|---------------------|
| PC | Lenovo | 4290-RT8 | 100-240Vac, 50/60Hz |
| Printer | HP | CNFG030424 | 100-240Vac, 50/60Hz |
| LED TV | AEG | 44D2639 | USB Operated |
| AC/DC Adapter | HUIKE | HK15-HASF0502000 | 100-240Vac, 50/60Hz |

The EUT was tested with following cables:

| Interface(s)/Port(s): | Max. cable length, shielding | Cable classification |
|-----------------------|------------------------------|----------------------|
| USB Cable | Shielding USB cable | Type B USB cable |

4.4 Countermeasures to Achieve ERM Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF). No additional measures were employed to achieve compliance.

5. Test Results EMISSION

5.1 Conducted Emission

RESULT:**Pass**

Date of testing : 2015-06-01
Test standard : FCC Part 15.107 (a)
Basic standard : ANSI C63.4: 2003
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.107(a)
Kind of test site : Shield room

Test setup

Input Voltage : AC 120V, 60Hz
Operation Mode : A, B
Earthing : Not Connected
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

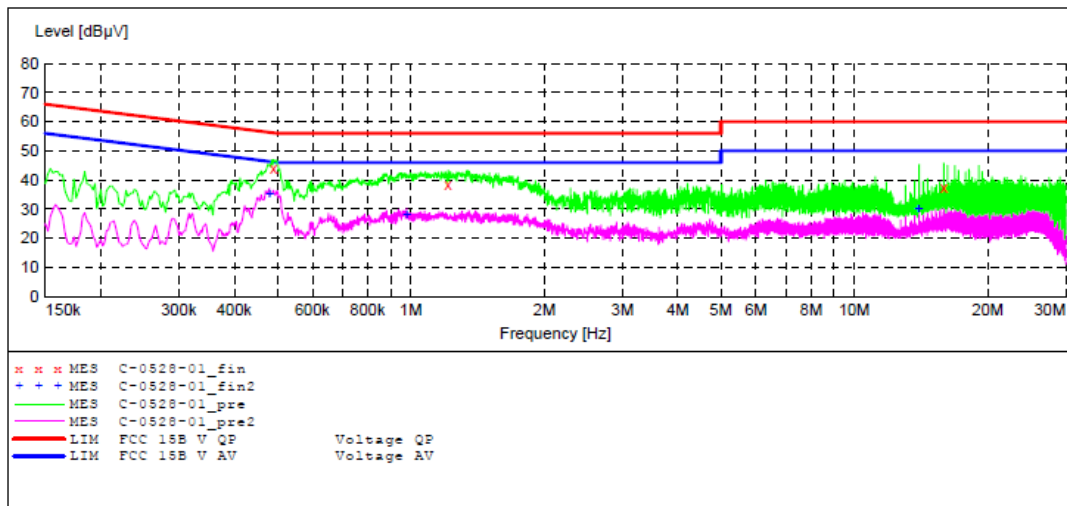
For details refer to following test plot.

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Playing mode and connected with TV via HDMI port
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-01_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.490000 | 44.20 | 11.5 | 56 | 12.0 | QP | N | GND |
| 1.214000 | 38.20 | 11.6 | 56 | 17.8 | QP | N | GND |
| 15.905000 | 37.30 | 11.9 | 60 | 22.7 | QP | N | GND |

MEASUREMENT RESULT: "C-0528-01_fin2"

2015-5-28

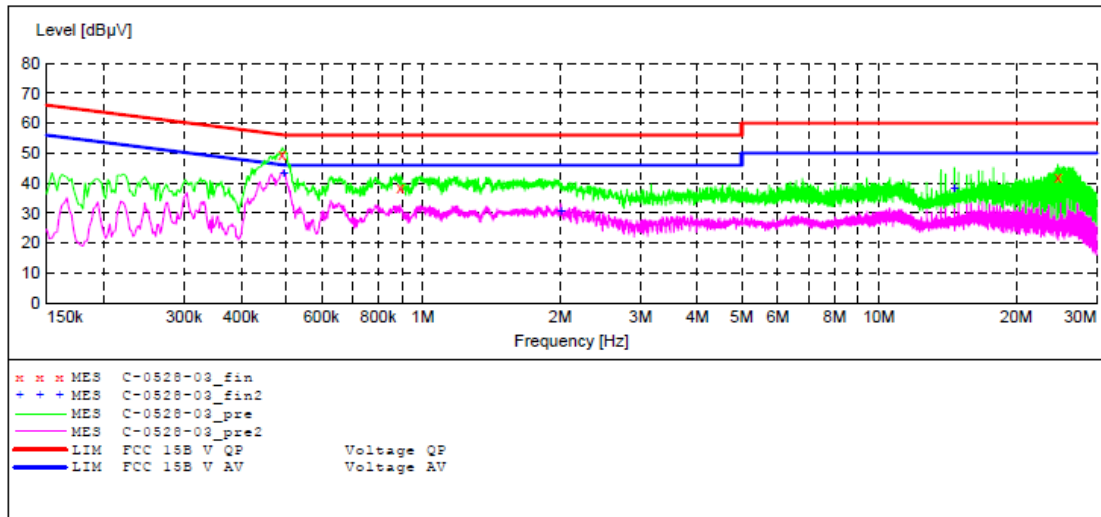
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.480000 | 35.40 | 11.5 | 46 | 10.9 | AV | N | GND |
| 0.978000 | 28.10 | 11.6 | 46 | 17.9 | AV | N | GND |
| 13.997000 | 30.40 | 11.9 | 50 | 19.6 | AV | N | GND |

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Playing mode and connected with TV via HDMI port
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-03_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.492000 | 49.40 | 11.5 | 56 | 6.7 | QP | L1 | GND |
| 0.894000 | 38.30 | 11.6 | 56 | 17.7 | QP | L1 | GND |
| 24.657500 | 41.80 | 12.0 | 60 | 18.2 | QP | L1 | GND |

MEASUREMENT RESULT: "C-0528-03_fin2"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.496000 | 42.90 | 11.5 | 46 | 3.1 | AV | L1 | GND |
| 2.009000 | 30.70 | 11.7 | 46 | 15.3 | AV | L1 | GND |
| 14.622500 | 38.20 | 11.9 | 50 | 11.8 | AV | L1 | GND |

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

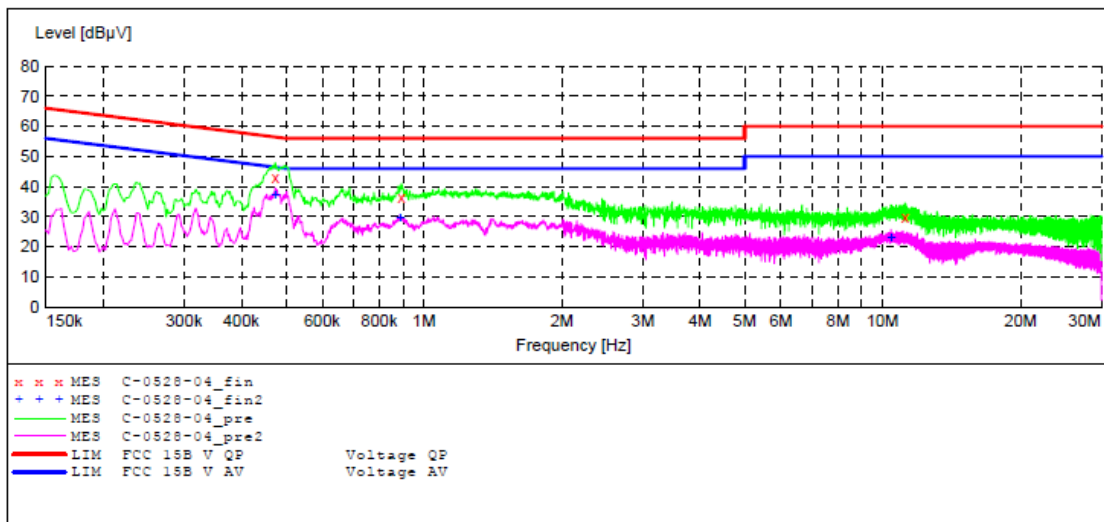
EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Recording video(Back Camera)
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

| Start | Stop | Step | Detector | Meas. Time | IF Bandw. | Transducer |
|-----------|-----------|---------|-----------|------------|-----------|---------------|
| Frequency | Frequency | Width | | | | |
| 150.0 kHz | 30.0 MHz | 4.5 kHz | QuasiPeak | 1.0 s | 9 kHz | NSLK8126 2008 |

 Average


MEASUREMENT RESULT: "C-0528-04_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.474000 | 43.10 | 11.4 | 56 | 13.3 | QP | L1 | GND |
| 0.894000 | 36.40 | 11.6 | 56 | 19.6 | QP | L1 | GND |
| 11.184500 | 29.70 | 11.9 | 60 | 30.3 | QP | L1 | GND |

MEASUREMENT RESULT: "C-0528-04_fin2"

2015-5-28

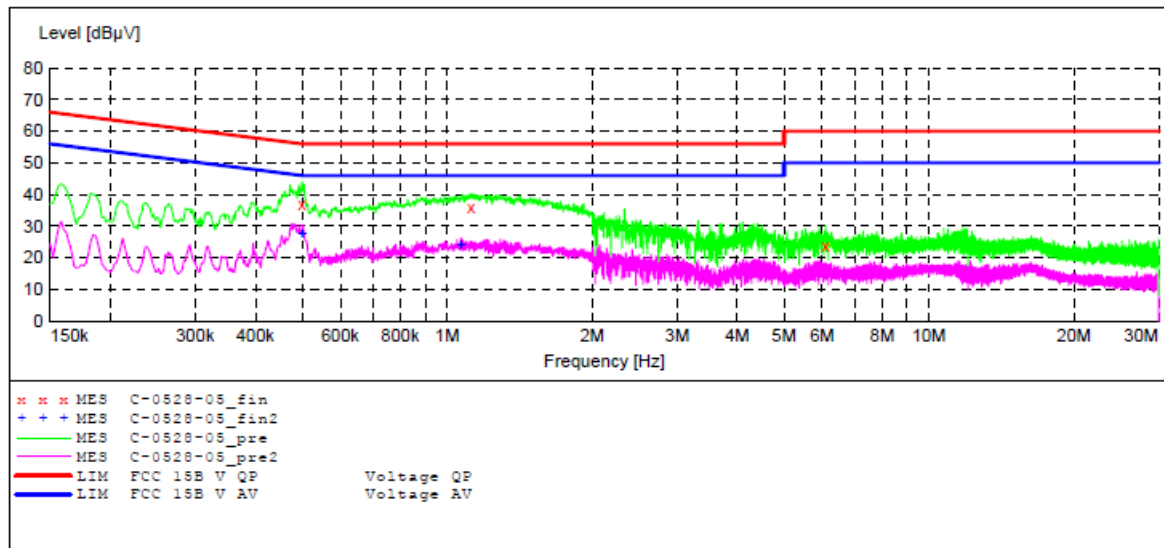
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.474000 | 37.60 | 11.4 | 46 | 8.8 | AV | L1 | GND |
| 0.888000 | 29.70 | 11.6 | 46 | 16.3 | AV | L1 | GND |
| 10.424000 | 23.40 | 11.9 | 50 | 26.6 | AV | L1 | GND |

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Recording video(Back Camera)
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-05_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.500000 | 36.80 | 11.5 | 56 | 19.2 | QP | N | GND |
| 1.122000 | 36.00 | 11.6 | 56 | 20.0 | QP | N | GND |
| 6.104000 | 23.90 | 11.8 | 60 | 36.1 | QP | N | GND |

MEASUREMENT RESULT: "C-0528-05_fin2"

2015-5-28

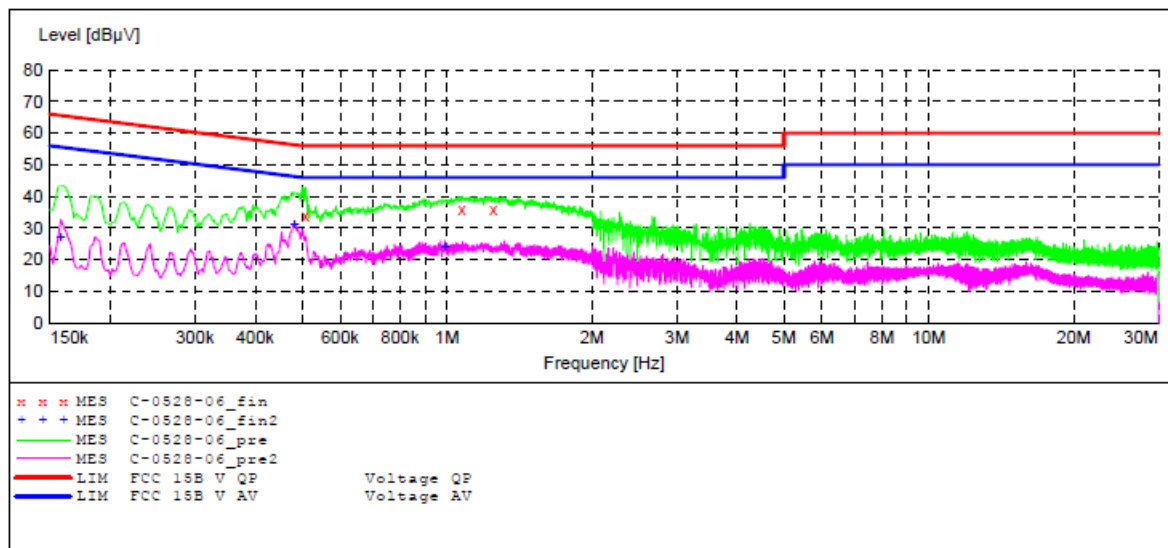
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.500000 | 27.90 | 11.5 | 46 | 18.1 | AV | N | GND |
| 1.068000 | 24.10 | 11.6 | 46 | 21.9 | AV | N | GND |

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Recording video(Front Camera)
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-06_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.508000 | 34.10 | 11.5 | 56 | 21.9 | QP | N | GND |
| 1.074000 | 36.10 | 11.6 | 56 | 19.9 | QP | N | GND |
| 1.248000 | 35.90 | 11.6 | 56 | 20.1 | QP | N | GND |

MEASUREMENT RESULT: "C-0528-06_fin2"

2015-5-28

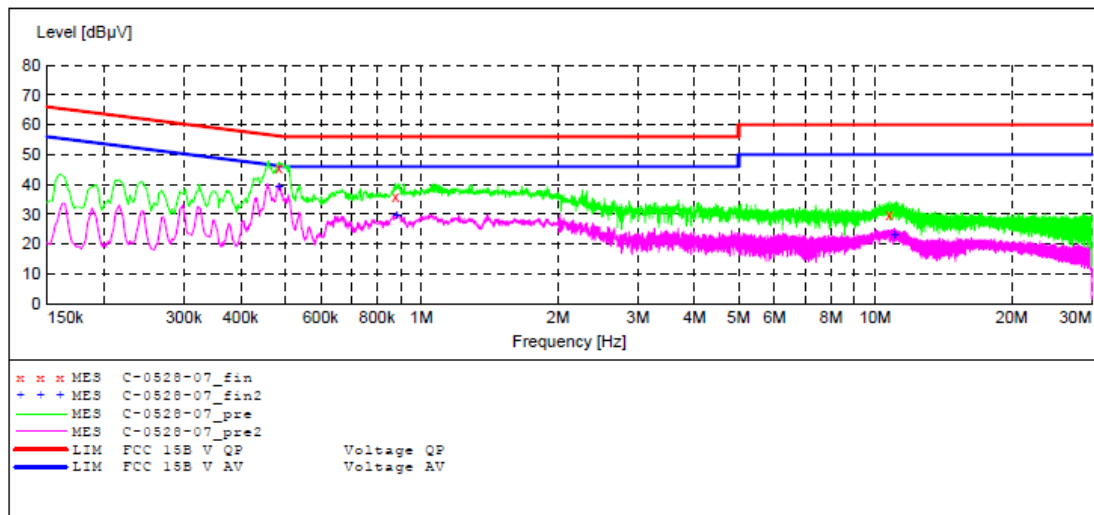
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.158000 | 27.50 | 10.4 | 56 | 28.1 | AV | N | GND |
| 0.482000 | 31.60 | 11.5 | 46 | 14.7 | AV | N | GND |
| 0.990000 | 24.00 | 11.6 | 46 | 22.0 | AV | N | GND |

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Recording video(Front Camera)
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHZ fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-07_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.486000 | 45.70 | 11.5 | 56 | 10.5 | QP | L1 | GND |
| 0.878000 | 35.70 | 11.6 | 56 | 20.3 | QP | L1 | GND |
| 10.752500 | 29.70 | 11.9 | 60 | 30.3 | QP | L1 | GND |

MEASUREMENT RESULT: "C-0528-07_fin2"

2015-5-28

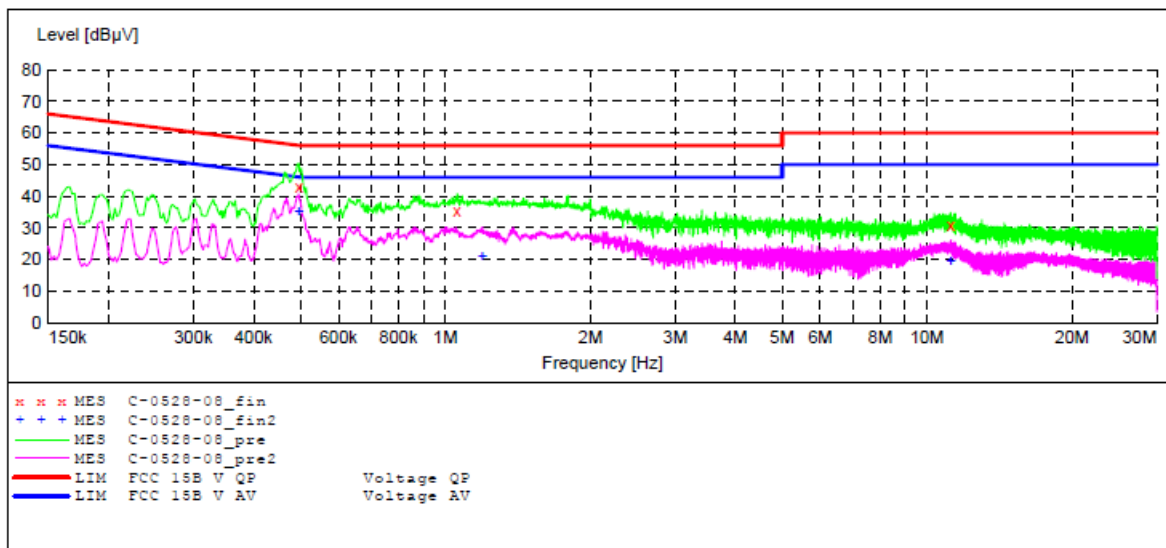
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.486000 | 39.30 | 11.5 | 46 | 6.9 | AV | L1 | GND |
| 0.884000 | 29.60 | 11.6 | 46 | 16.4 | AV | L1 | GND |
| 11.027000 | 23.30 | 11.9 | 50 | 26.7 | AV | L1 | GND |

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Radio FM
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-08_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.496000 | 43.20 | 11.5 | 56 | 12.9 | QP | L1 | GND |
| 1.058000 | 35.60 | 11.6 | 56 | 20.4 | QP | L1 | GND |
| 11.175500 | 30.60 | 11.9 | 60 | 29.4 | QP | L1 | GND |

MEASUREMENT RESULT: "C-0528-08_fin2"

2015-5-28

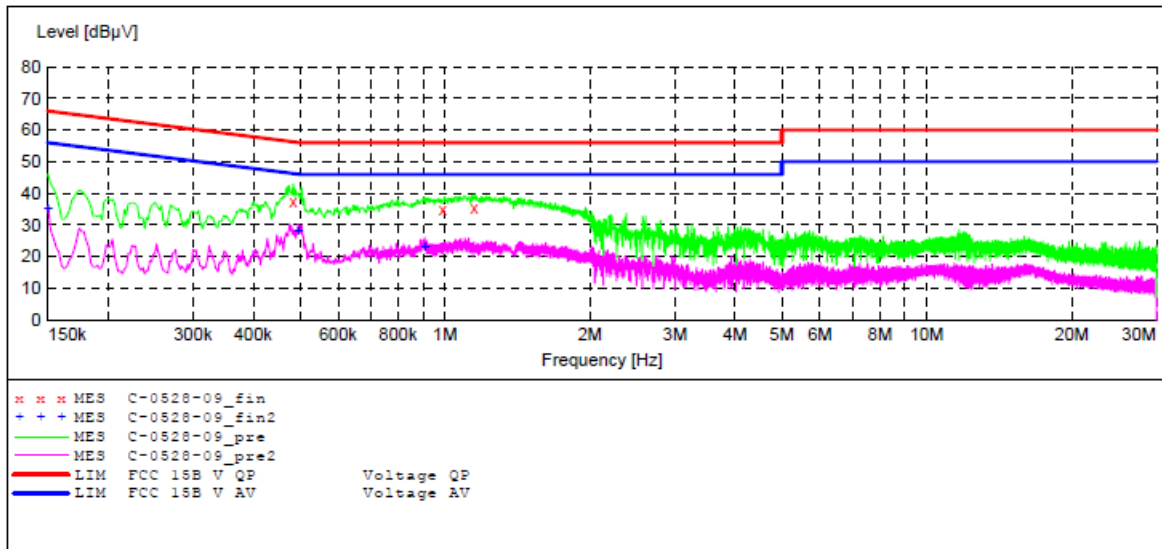
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.496000 | 35.40 | 11.5 | 46 | 10.7 | AV | L1 | GND |
| 1.192000 | 21.20 | 11.6 | 46 | 24.8 | AV | L1 | GND |
| 11.220500 | 19.80 | 11.9 | 50 | 30.2 | AV | L1 | GND |

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Radio FM
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-09_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.484000 | 37.50 | 11.5 | 56 | 18.8 | QP | N | GND |
| 0.988000 | 34.70 | 11.6 | 56 | 21.3 | QP | N | GND |
| 1.150000 | 35.50 | 11.6 | 56 | 20.5 | QP | N | GND |

MEASUREMENT RESULT: "C-0528-09_fin2"

2015-5-28

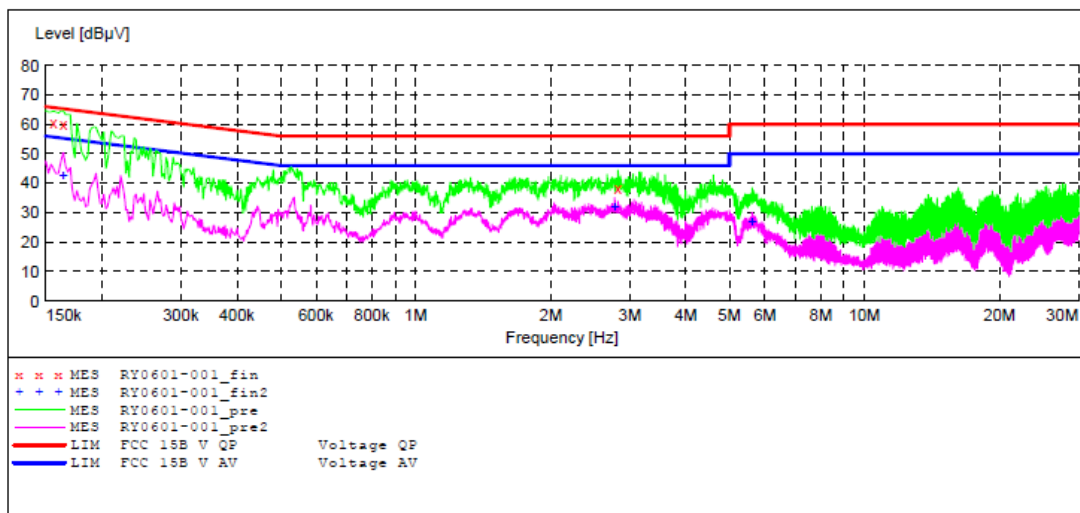
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.150000 | 35.40 | 10.3 | 56 | 20.6 | AV | N | GND |
| 0.496000 | 28.20 | 11.5 | 46 | 17.9 | AV | N | GND |
| 0.908000 | 23.10 | 11.6 | 46 | 22.9 | AV | N | GND |

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Transfer Data
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 6/1/2015 /

SCAN TABLE: "V 9K-30MHz fin"

| Start | Stop | Step | _SUB_STD_VTERM2 | Detector | Meas. Time | IF Bandw. | Transducer |
|-----------|-----------|----------|-----------------|-----------|------------|-----------|---------------|
| 9.0 kHz | 150.0 kHz | 100.0 Hz | 1.70 | QuasiPeak | 1.0 s | 200 Hz | NSLK8126 2008 |
| Average | | | | | | | |
| 150.0 kHz | 30.0 MHz | 4.5 kHz | | QuasiPeak | 1.0 s | 9 kHz | NSLK8126 2008 |
| Average | | | | | | | |


MEASUREMENT RESULT: "RY0601-001_fin"

6/1/2015

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.156000 | 60.40 | 10.5 | 66 | 5.3 | QP | N | GND |
| 0.164000 | 60.00 | 10.5 | 65 | 5.3 | QP | N | GND |
| 2.825000 | 38.40 | 11.0 | 56 | 17.6 | QP | N | GND |

MEASUREMENT RESULT: "RY0601-001_fin2"

6/1/2015

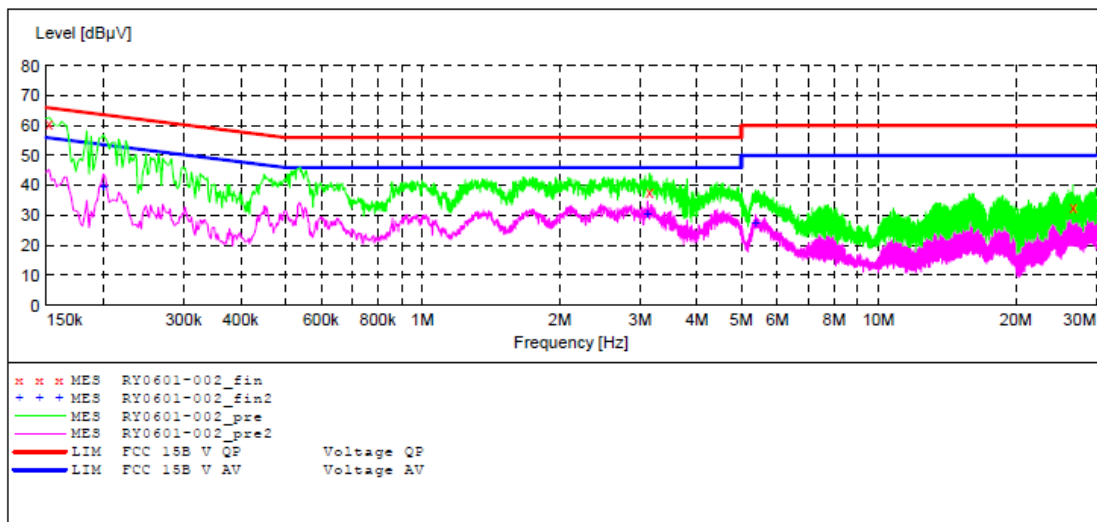
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.164000 | 43.00 | 10.5 | 55 | 12.3 | AV | N | GND |
| 2.775000 | 31.90 | 11.0 | 46 | 14.1 | AV | N | GND |
| 5.620000 | 27.00 | 11.2 | 50 | 23.0 | AV | N | GND |

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: Transfer Data
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 6/1/2015 /

SCAN TABLE: "V 9K-30MHz fin"

| Start Frequency | Stop Frequency | Step Width | Detector | Meas. Time | IF Bandw. | Transducer |
|-----------------|----------------|------------|-----------|------------|-----------|---------------|
| 9.0 kHz | 150.0 kHz | 100.0 Hz | QuasiPeak | 1.0 s | 200 Hz | NSLK8126 2008 |
| 150.0 kHz | 30.0 MHz | 4.5 kHz | Average | 1.0 s | 9 kHz | NSLK8126 2008 |


MEASUREMENT RESULT: "RY0601-002_fin"

6/1/2015

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.152000 | 60.70 | 10.5 | 66 | 5.2 | QP | L1 | GND |
| 3.150000 | 37.80 | 11.1 | 56 | 18.2 | QP | L1 | GND |
| 26.665000 | 32.60 | 11.5 | 60 | 27.4 | QP | L1 | GND |

MEASUREMENT RESULT: "RY0601-002_fin2"

6/1/2015

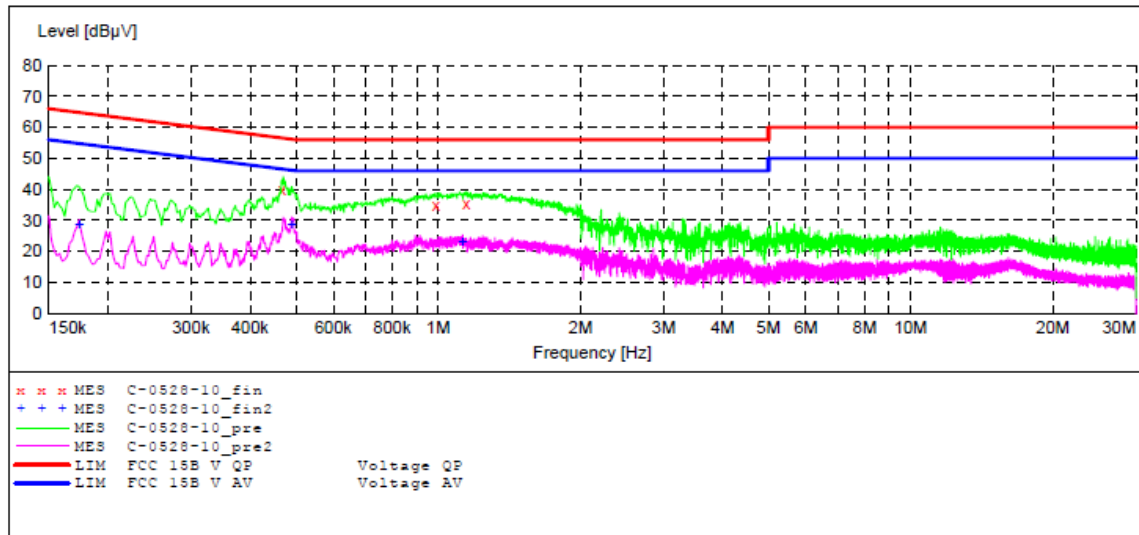
| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.200000 | 39.90 | 10.5 | 54 | 13.7 | AV | L1 | GND |
| 3.115000 | 30.80 | 11.1 | 46 | 15.2 | AV | L1 | GND |
| 5.375000 | 27.80 | 11.2 | 50 | 22.2 | AV | L1 | GND |

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: On with GPS
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "C-0528-10_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.470000 | 40.40 | 11.4 | 57 | 16.1 | QP | N | GND |
| 0.988000 | 34.80 | 11.6 | 56 | 21.2 | QP | N | GND |
| 1.146000 | 35.50 | 11.6 | 56 | 20.5 | QP | N | GND |

MEASUREMENT RESULT: "C-0528-10_fin2"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.174000 | 28.70 | 10.5 | 55 | 26.1 | AV | N | GND |
| 0.490000 | 28.90 | 11.5 | 46 | 17.3 | AV | N | GND |
| 1.126000 | 23.00 | 11.6 | 46 | 23.0 | AV | N | GND |

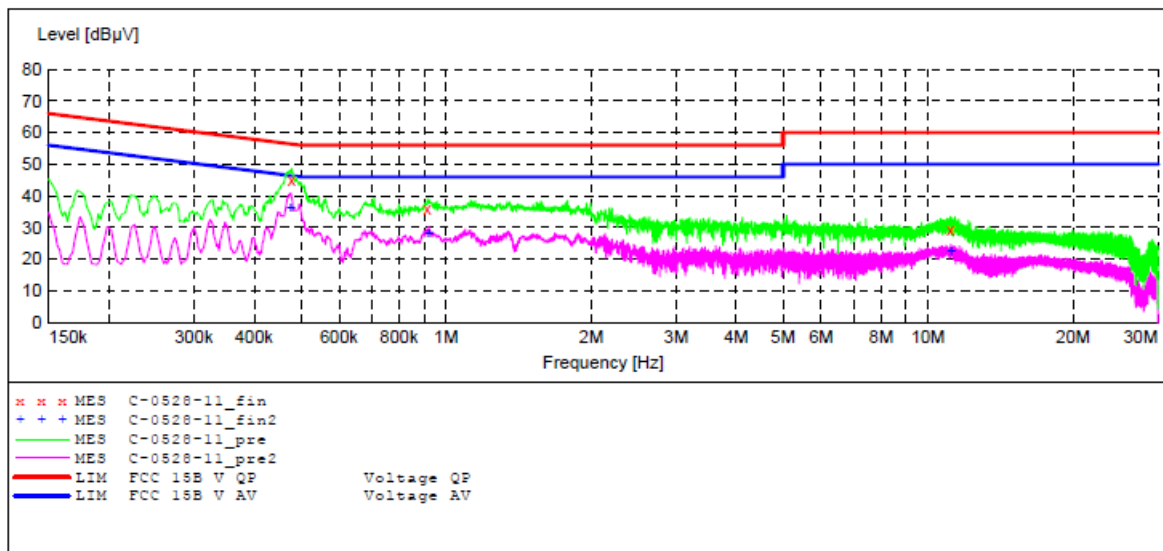
ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 10.1" Android Tablet PC M/N:NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.
 Operating Condition: On with GPS
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2015-5-28 /

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

| Start | Stop | Step | Detector | Meas. Time | IF Bandw. | Transducer |
|-----------|-----------|---------|-----------|------------|-----------|---------------|
| Frequency | Frequency | Width | | | | |
| 150.0 kHz | 30.0 MHz | 4.5 kHz | QuasiPeak | 1.0 s | 9 kHz | NSLK8126 2008 |
| Average | | | | | | |


MEASUREMENT RESULT: "C-0528-11_fin"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.478000 | 45.00 | 11.5 | 56 | 11.4 | QP | L1 | GND |
| 0.914000 | 35.70 | 11.6 | 56 | 20.3 | QP | L1 | GND |
| 11.117000 | 29.20 | 11.9 | 60 | 30.8 | QP | L1 | GND |

MEASUREMENT RESULT: "C-0528-11_fin2"

2015-5-28

| Frequency MHz | Level dBµV | Transd dB | Limit dBµV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.476000 | 36.20 | 11.4 | 46 | 10.2 | AV | L1 | GND |
| 0.920000 | 28.50 | 11.6 | 46 | 17.5 | AV | L1 | GND |
| 11.157500 | 22.70 | 11.9 | 50 | 27.3 | AV | L1 | GND |

5.2 Radiated Emission

RESULT:**Pass**

Date of testing : 2015-06-01
Test standard : FCC Part 15.109 (a)
Test procedure : ANSI C63.4: 2003
Frequency range : 30 - 6000MHz
Equipment Classification : Class B
Limits : FCC Part 15.109(a)
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Input Voltage : AC 120V, 60Hz
Operation mode : A, B
Earthing : Not connected
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101kPa

For details refer to following test plot.


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015-2 #1108

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1"Android Tablet PC

Mode: Recording video

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Horizontal

Power Source: AC 120V/60Hz

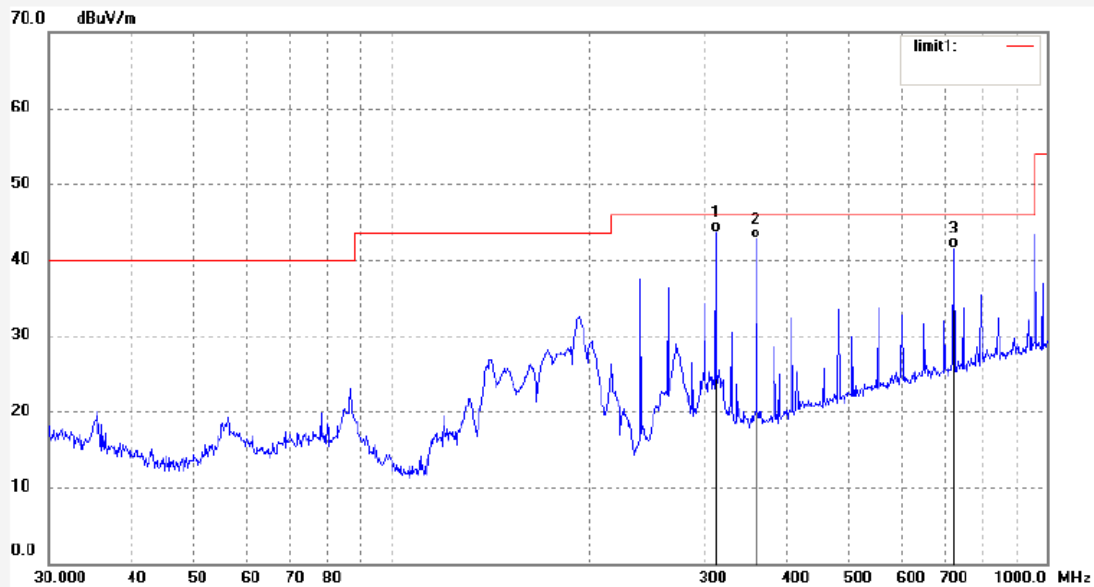
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note: Front Camera



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 312.1792 | 52.60 | -8.95 | 43.65 | 46.00 | -2.35 | QP | | | |
| 2 | 360.4476 | 50.33 | -7.60 | 42.73 | 46.00 | -3.27 | QP | | | |
| 3 | 721.7259 | 42.97 | -1.46 | 41.51 | 46.00 | -4.49 | QP | | | |


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015-2 #1109

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1"Android Tablet PC

Mode: Recording video

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Vertical

Power Source: AC 120V/60Hz

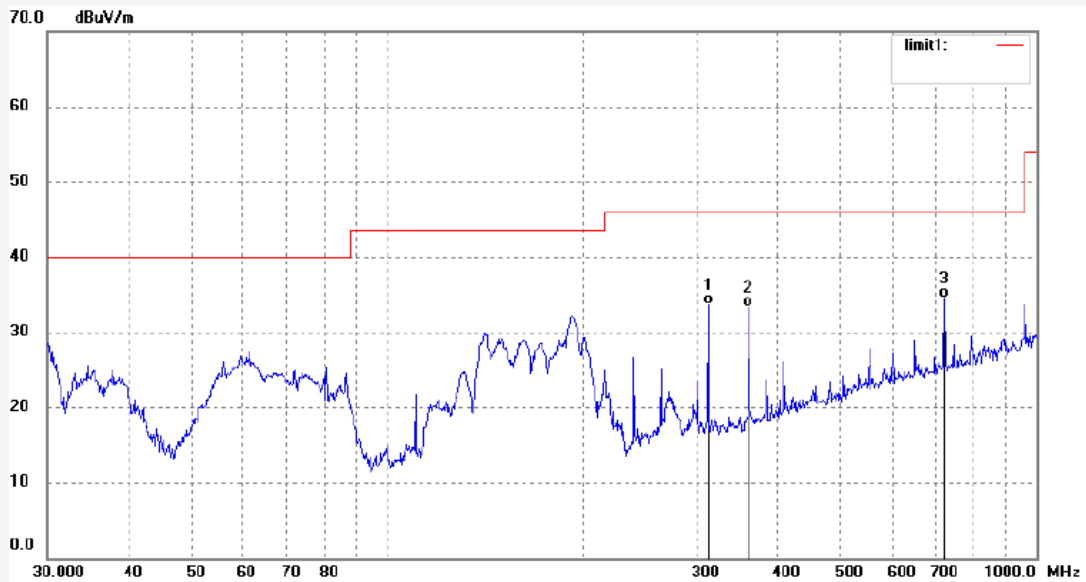
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note: Front Camera



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 312.1792 | 42.59 | -8.95 | 33.64 | 46.00 | -12.36 | QP | | | |
| 2 | 360.4476 | 40.99 | -7.60 | 33.39 | 46.00 | -12.61 | QP | | | |
| 3 | 721.7259 | 35.97 | -1.46 | 34.51 | 46.00 | -11.49 | QP | | | |


ACCURATE TECHNOLOGY CO., LTD.

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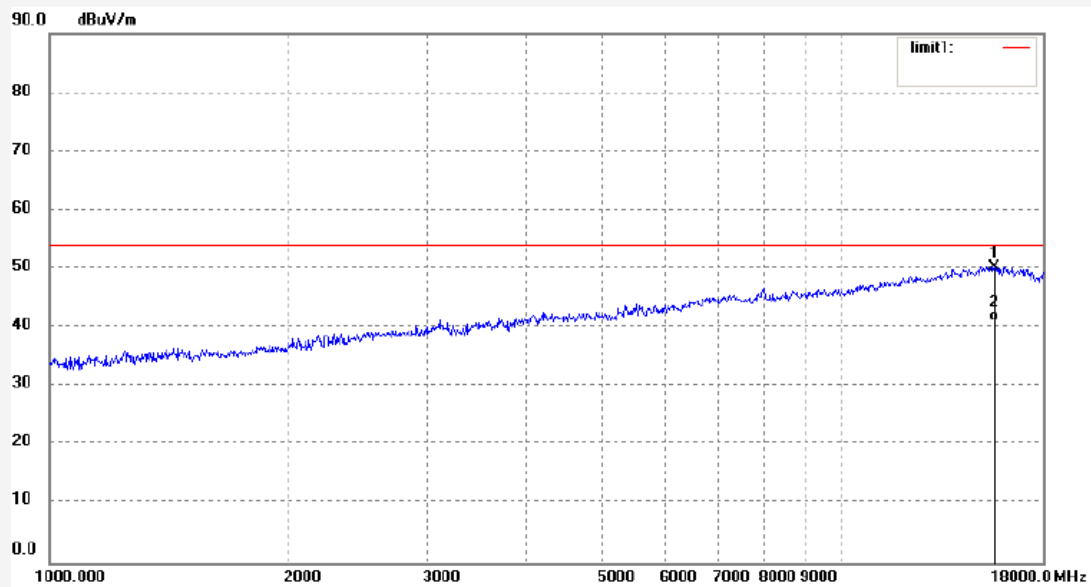
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: LAN2015-2 #1074 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1"Android Tablet PC | Engineer Signature: |
| Mode: Recording video | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note: Front Camera



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 15622.990 | 10.25 | 40.08 | 50.33 | 74.00 | -23.67 | peak | | | |
| 2 | 15622.990 | 0.92 | 40.08 | 41.00 | 54.00 | -13.00 | AVG | | | |


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: LAN2015-2 #1075

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1"Android Tablet PC

Mode: Recording video

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Vertical

Power Source: AC 120V/60Hz

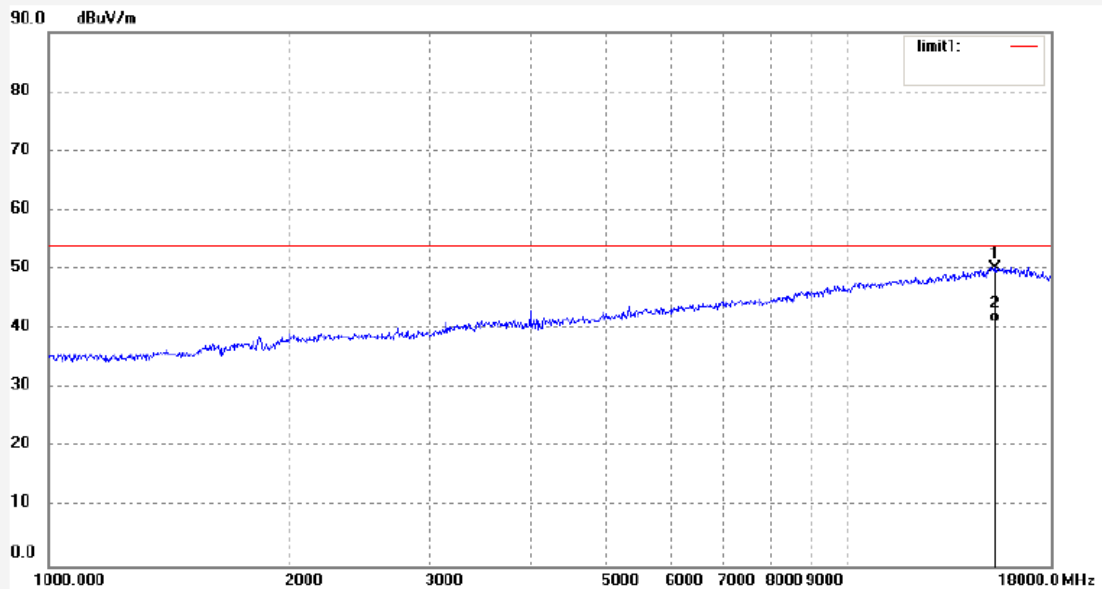
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note: Front Camera



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 15310.072 | 9.91 | 40.48 | 50.39 | 74.00 | -23.61 | peak | | | |
| 2 | 15310.072 | 0.58 | 40.48 | 41.06 | 54.00 | -12.94 | AVG | | | |


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015-2 #1096

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1"Android Tablet PC

Mode: Playing mode and connected with TV via HDMI port

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Horizontal

Power Source: AC 120V/60Hz

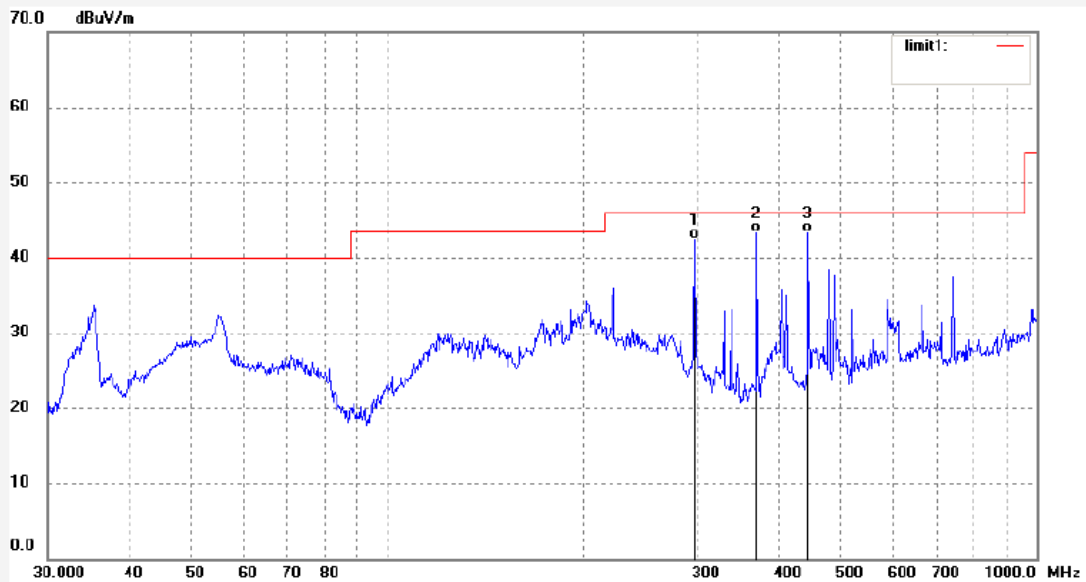
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 297.2241 | 51.73 | -9.34 | 42.39 | 46.00 | -3.61 | QP | | | |
| 2 | 370.7022 | 50.86 | -7.50 | 43.36 | 46.00 | -2.64 | QP | | | |
| 3 | 444.8514 | 49.22 | -5.86 | 43.36 | 46.00 | -2.64 | QP | | | |


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

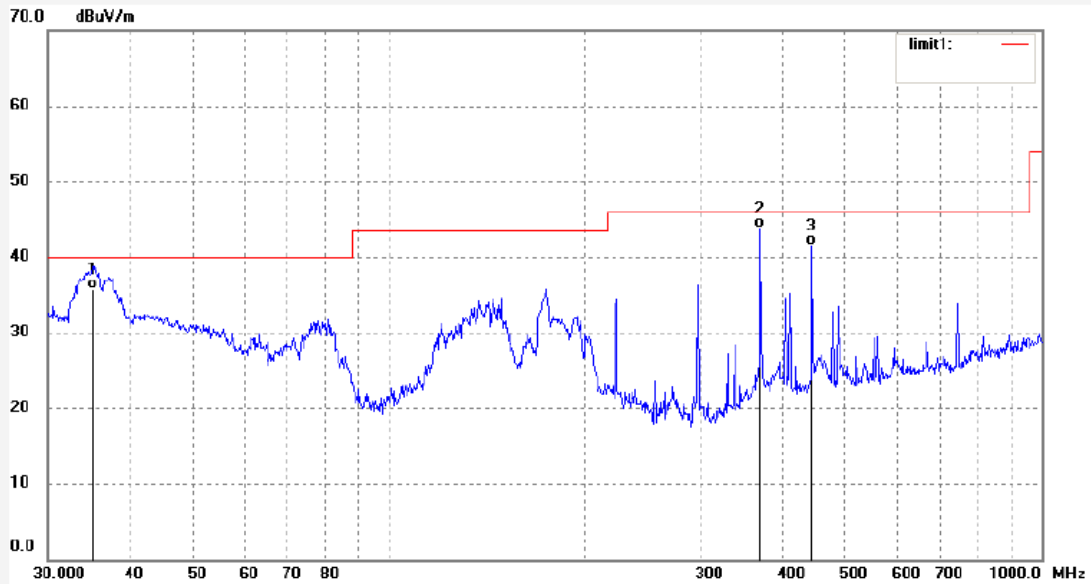
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: Ian2015-2 #1097 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1"Android Tablet PC | Engineer Signature: |
| Mode: Playing mode and connected with TV via HDMI port | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 35.1278 | 46.22 | -10.45 | 35.77 | 40.00 | -4.23 | QP | | | |
| 2 | 370.7022 | 51.37 | -7.50 | 43.87 | 46.00 | -2.13 | QP | | | |
| 3 | 444.8514 | 47.38 | -5.86 | 41.52 | 46.00 | -4.48 | QP | | | |


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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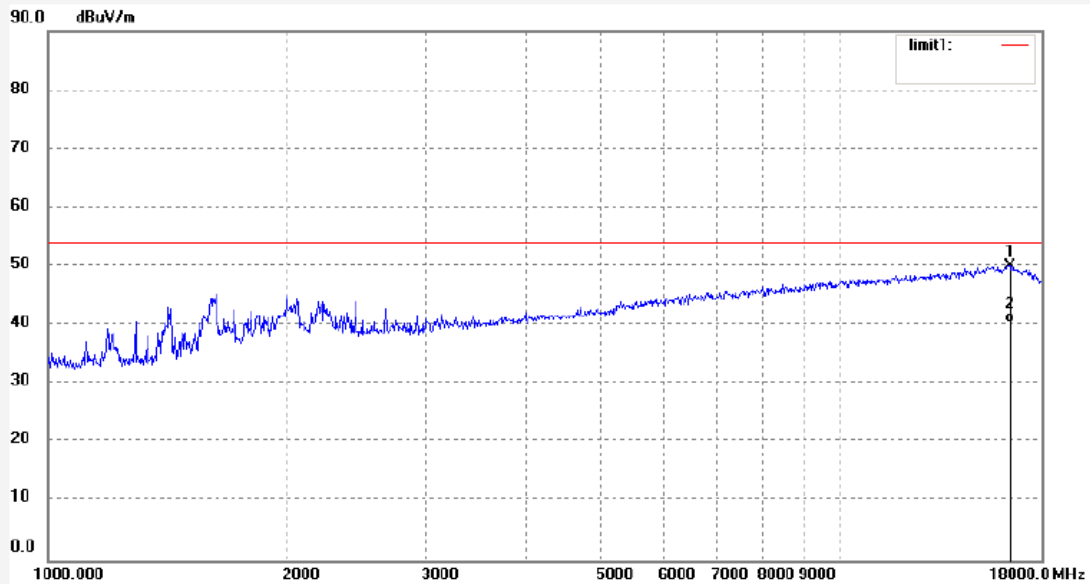
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: LAN2015-2 #1068 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1"Android Tablet PC | Engineer Signature: |
| Mode: Playing mode and connected with TV via HDMI port | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 16409.819 | 9.92 | 40.25 | 50.17 | 74.00 | -23.83 | peak | | | |
| 2 | 16409.819 | 0.23 | 40.25 | 40.48 | 54.00 | -13.52 | AVG | | | |


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

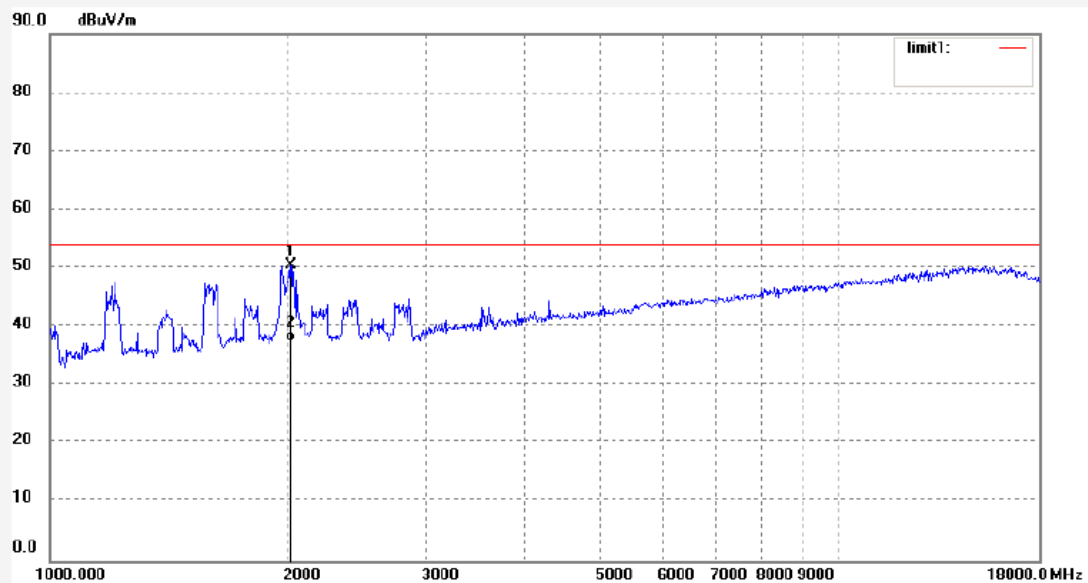
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: LAN2015-2 #1069 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1"Android Tablet PC | Engineer Signature: |
| Mode: Playing mode and connected with TV via HDMI port | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2018.512 | 59.52 | -8.99 | 50.53 | 74.00 | -23.47 | peak | | | |
| 2 | 2018.512 | 46.48 | -8.99 | 37.49 | 54.00 | -16.51 | AVG | | | |


ACCURATE TECHNOLOGY CO., LTD.

 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015-2 #1106

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1"Android Tablet PC

Mode: Transfer data

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Horizontal

Power Source: AC 120V/60Hz

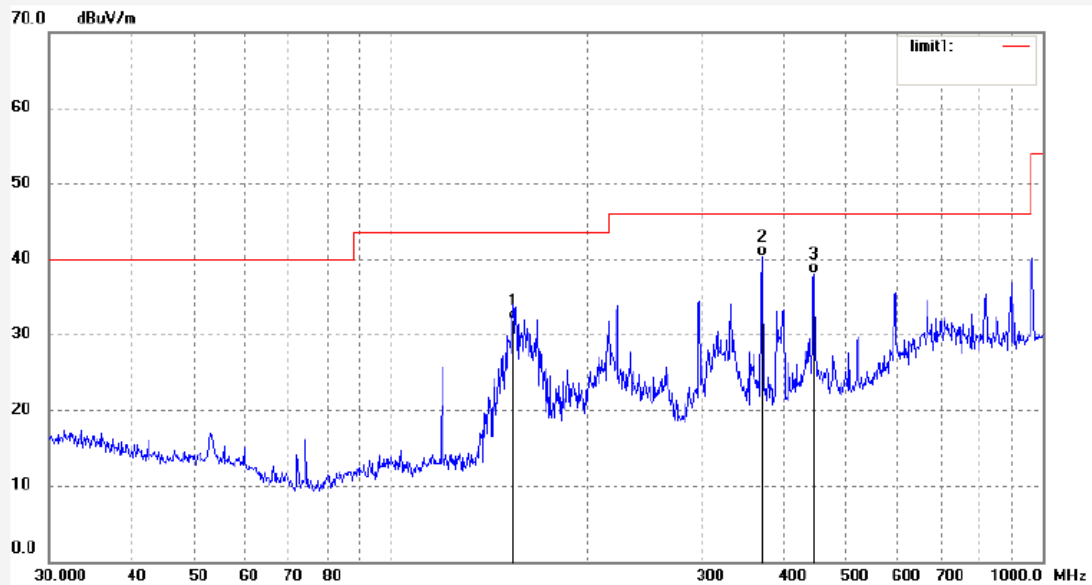
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 154.2786 | 47.10 | -15.11 | 31.99 | 43.50 | -11.51 | QP | | | |
| 2 | 372.0045 | 47.77 | -7.48 | 40.29 | 46.00 | -5.71 | QP | | | |
| 3 | 446.4141 | 43.98 | -5.84 | 38.14 | 46.00 | -7.86 | QP | | | |

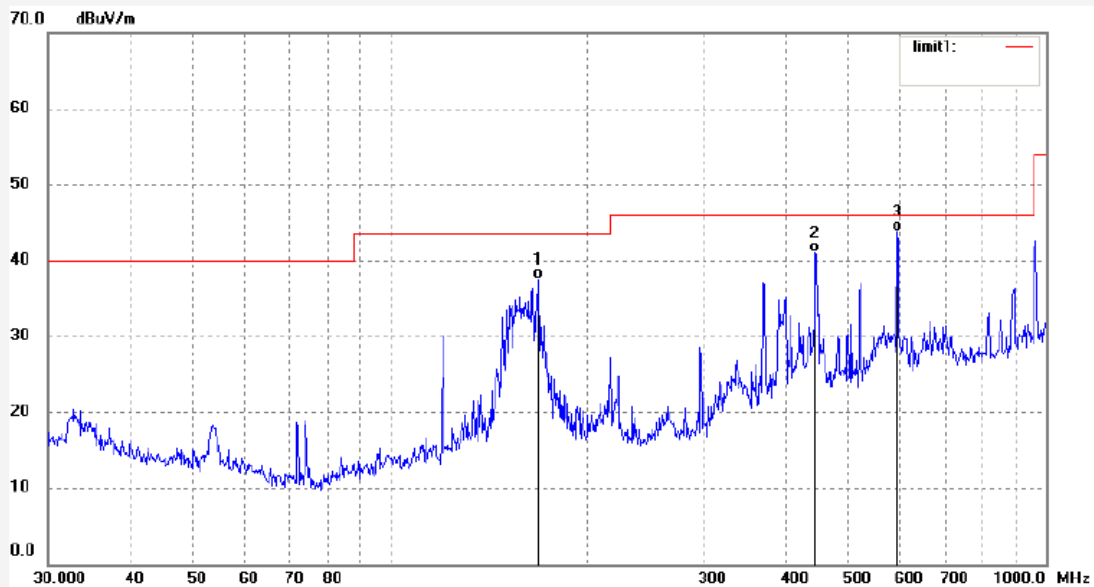

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: Ian2015-2 #1107 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1"Android Tablet PC | Engineer Signature: |
| Mode: Transfer data | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 167.8242 | 51.52 | -14.02 | 37.50 | 43.50 | -6.00 | QP | | | |
| 2 | 444.8514 | 46.89 | -5.86 | 41.03 | 46.00 | -4.97 | QP | | | |
| 3 | 593.0497 | 46.86 | -3.03 | 43.83 | 46.00 | -2.17 | QP | | | |


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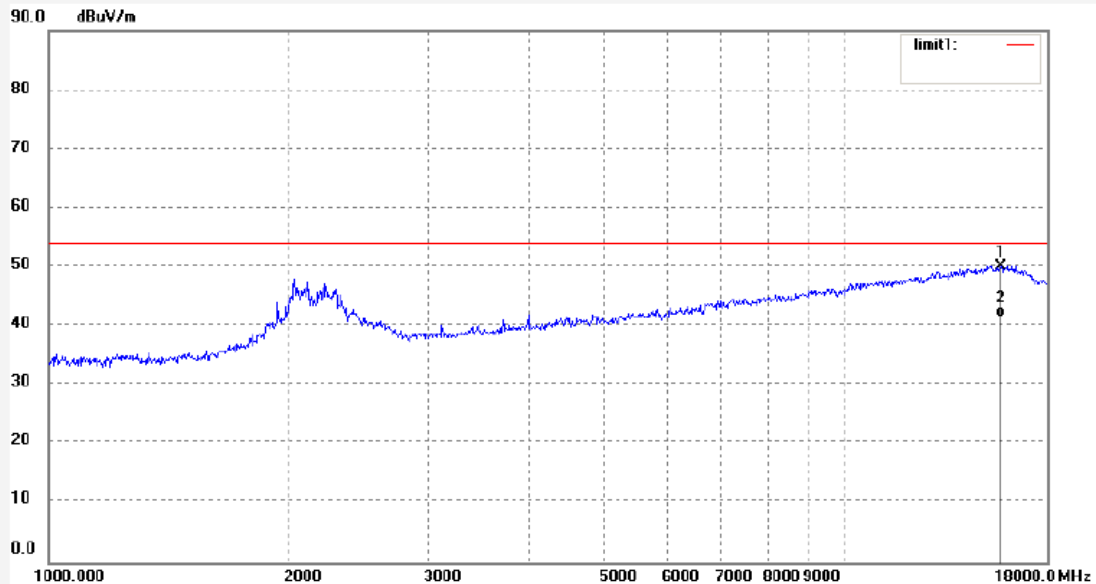
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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

 Job No.: LAN2015-2 #1070
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: 10.1"Android Tablet PC
 Mode: Transfer data
 Model: NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 15/06/19/
 Time:
 Engineer Signature:
 Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 15759.048 | 10.12 | 40.05 | 50.17 | 74.00 | -23.83 | peak | | | |
| 2 | 15759.048 | 1.37 | 40.05 | 41.42 | 54.00 | -12.58 | AVG | | | |

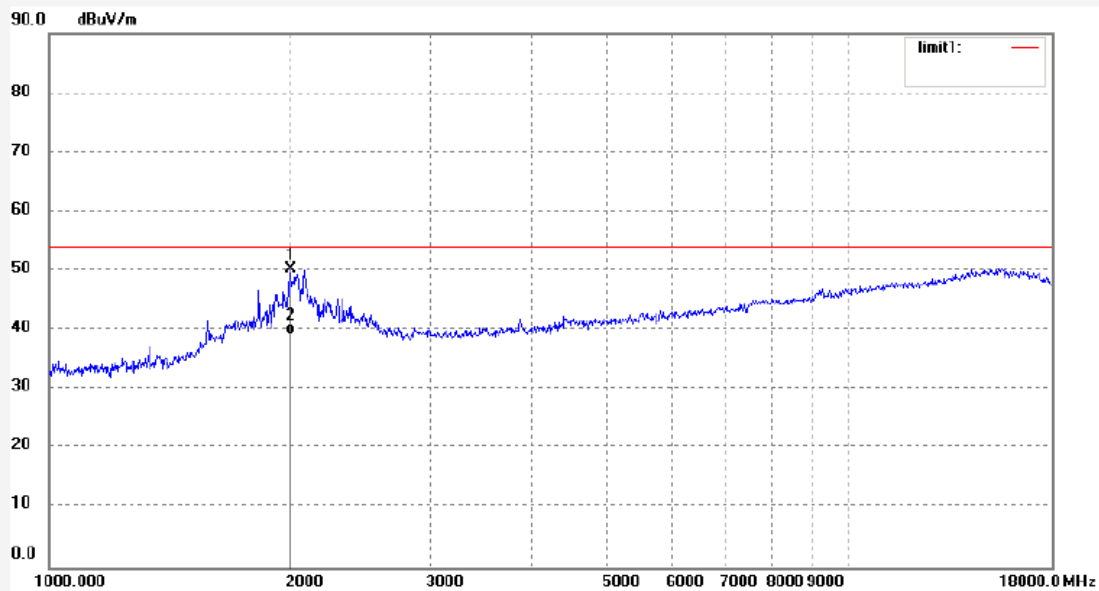

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 Fax:+86-0755-26503396

| | |
|--|----------------------------|
| Job No.: LAN2015-2 #1071 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1"Android Tablet PC | Engineer Signature: |
| Mode: Transfer data | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 2001.084 | 59.24 | -9.00 | 50.24 | 74.00 | -23.76 | peak | | | |
| 2 | 2001.084 | 48.37 | -9.00 | 39.37 | 54.00 | -14.63 | AVG | | | |


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Job No.: Ian2015-2 #1100

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1"Android Tablet PC

Mode: FM 88.1MHz

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Horizontal

Power Source: AC 120V/60Hz

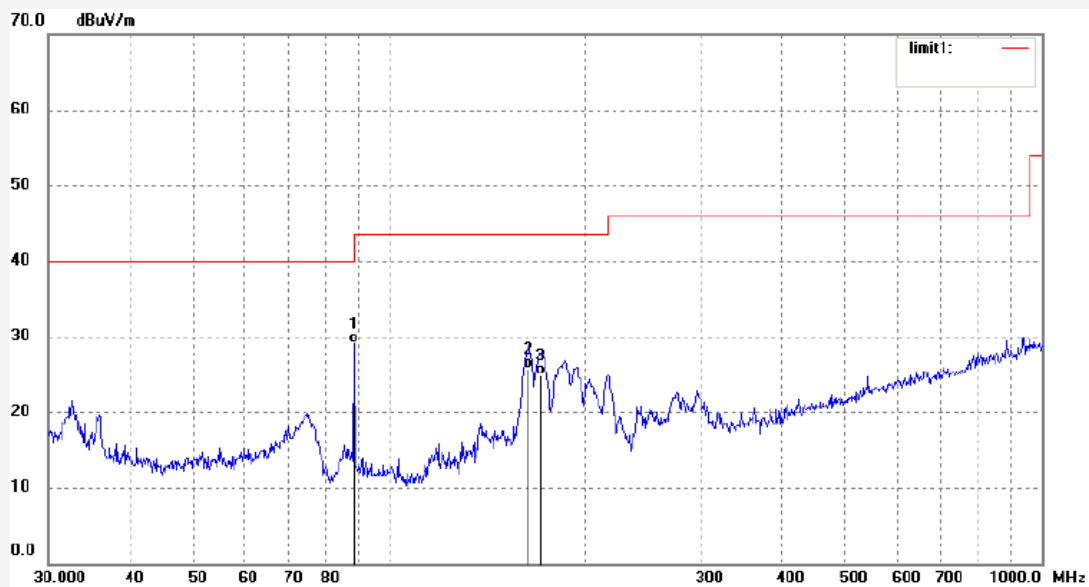
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 88.1033 | 44.29 | -15.19 | 29.10 | 43.50 | -14.40 | QP | | | |
| 2 | 163.1818 | 40.32 | -14.49 | 25.83 | 43.50 | -17.67 | QP | | | |
| 3 | 170.1947 | 38.58 | -13.68 | 24.90 | 43.50 | -18.60 | QP | | | |

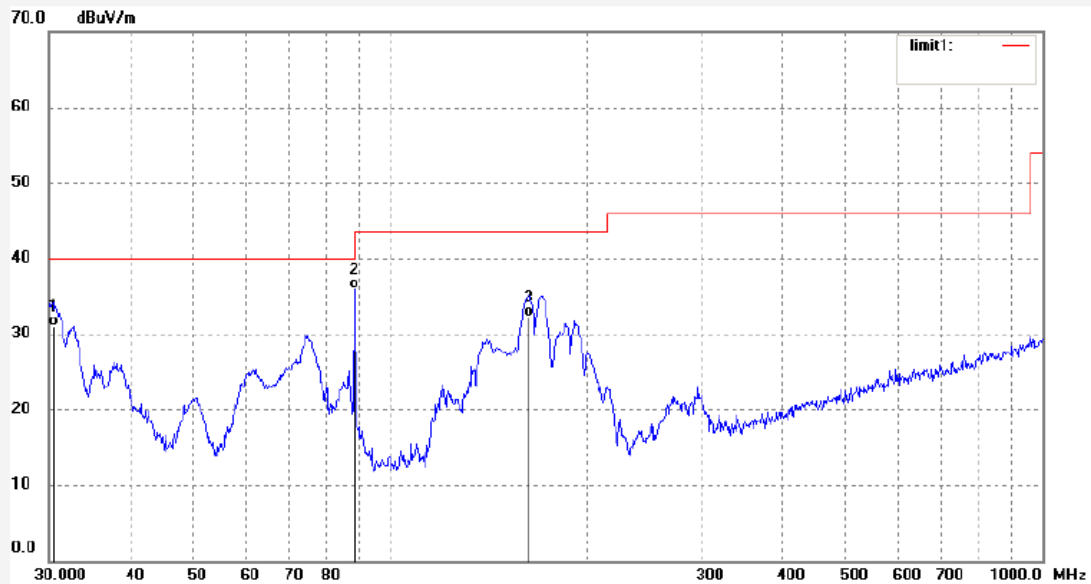

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| | |
|--|----------------------------|
| Job No.: Ian2015-2 #1101 | Polarization: Vertical |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1"Android Tablet PC | Engineer Signature: |
| Mode: FM 88.1MHz | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 30.4237 | 41.10 | -9.96 | 31.14 | 40.00 | -8.86 | QP | | | |
| 2 | 88.1028 | 51.18 | -15.19 | 35.99 | 43.50 | -7.51 | QP | | | |
| 3 | 163.1818 | 46.69 | -14.49 | 32.20 | 43.50 | -11.30 | QP | | | |


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Fax:+86-0755-26503396

Job No.: LAN2015-2 #1076

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1"Android Tablet PC

Mode: FM 88.1MHz

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Vertical

Power Source: AC 120V/60Hz

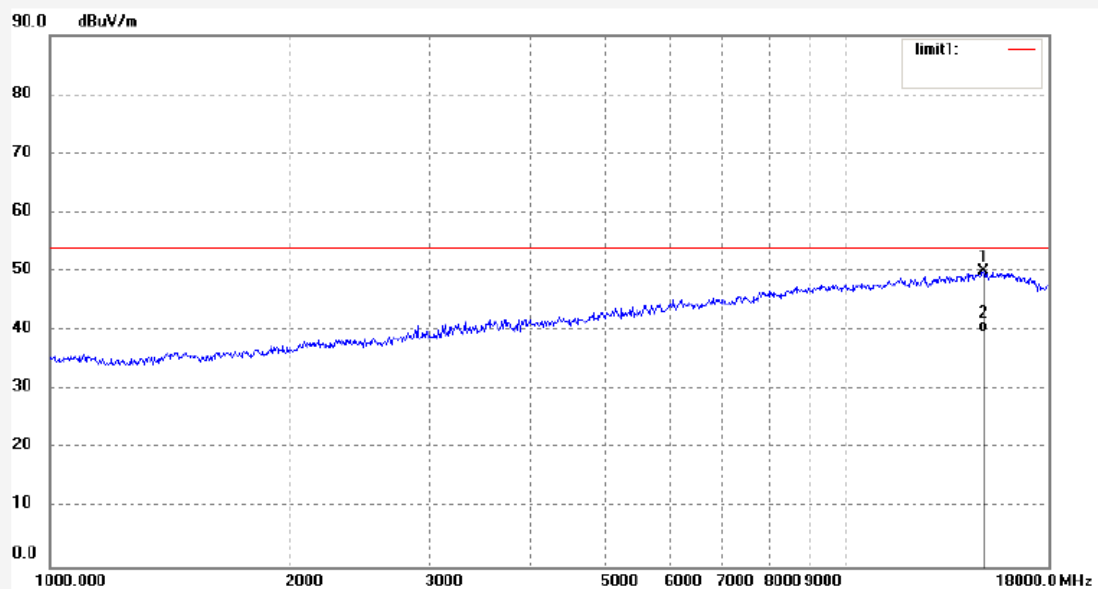
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 14916.942 | 8.64 | 41.35 | 49.99 | 74.00 | -24.01 | peak | | | |
| 2 | 14916.942 | -1.57 | 41.35 | 39.78 | 54.00 | -14.22 | AVG | | | |


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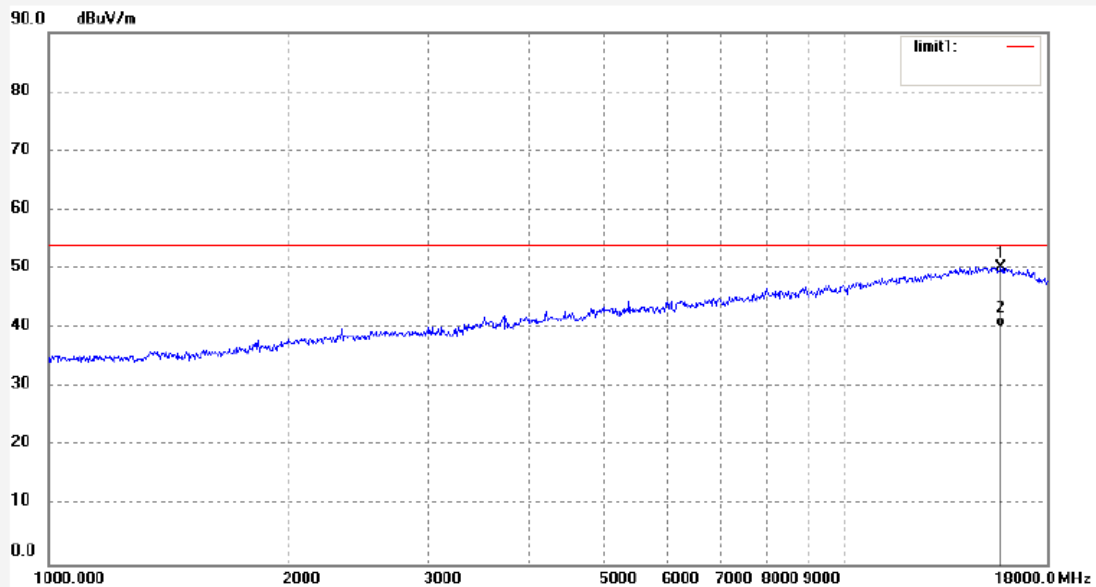
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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 Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

 Job No.: LAN2015-2 #1077
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: 10.1"Android Tablet PC
 Mode: FM 88.1MHz
 Model: NS-P16AT10
 Manufacturer: Lightcomm Technology Co., Ltd.

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 15/06/19/
 Time:
 Engineer Signature:
 Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 15759.048 | 10.16 | 40.05 | 50.21 | 74.00 | -23.79 | peak | | | |
| 2 | 15759.048 | 0.17 | 40.05 | 40.22 | 54.00 | -13.78 | AVG | | | |


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Fax:+86-0755-26503396

Job No.: Ian2015-2 #1070

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1" Android Tablet PC

Mode: On with GPS

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Vertical

Power Source: AC 120V/60Hz

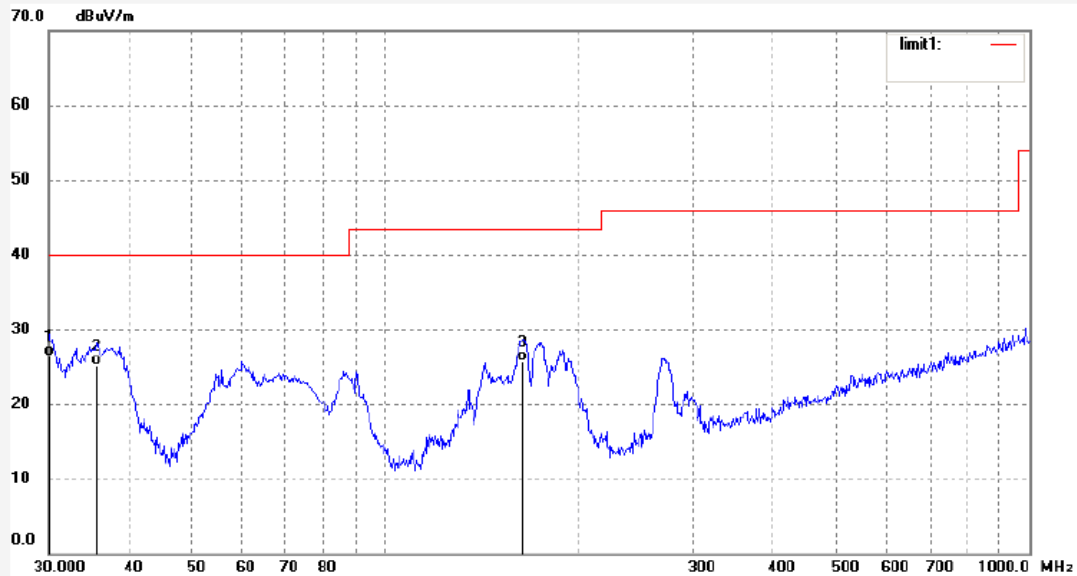
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 30.0000 | 36.49 | -9.93 | 26.56 | 40.00 | -13.44 | QP | | | |
| 2 | 35.6240 | 35.82 | -10.56 | 25.26 | 40.00 | -14.74 | QP | | | |
| 3 | 163.1818 | 40.35 | -14.49 | 25.86 | 43.50 | -17.64 | QP | | | |


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Job No.: Ian2015-2 #1071

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1" Android Tablet PC

Mode: On with GPS

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Horizontal

Power Source: AC 120V/60Hz

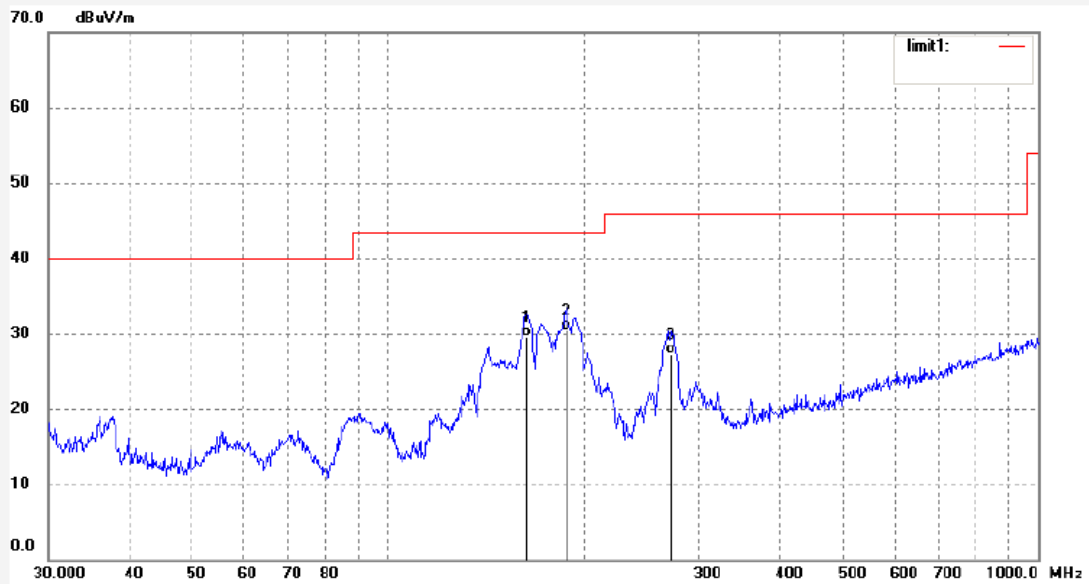
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 163.1818 | 44.07 | -14.49 | 29.58 | 43.50 | -13.92 | QP | | | |
| 2 | 187.7529 | 43.21 | -12.68 | 30.53 | 43.50 | -12.97 | QP | | | |
| 3 | 272.2776 | 37.46 | -10.09 | 27.37 | 46.00 | -18.63 | QP | | | |

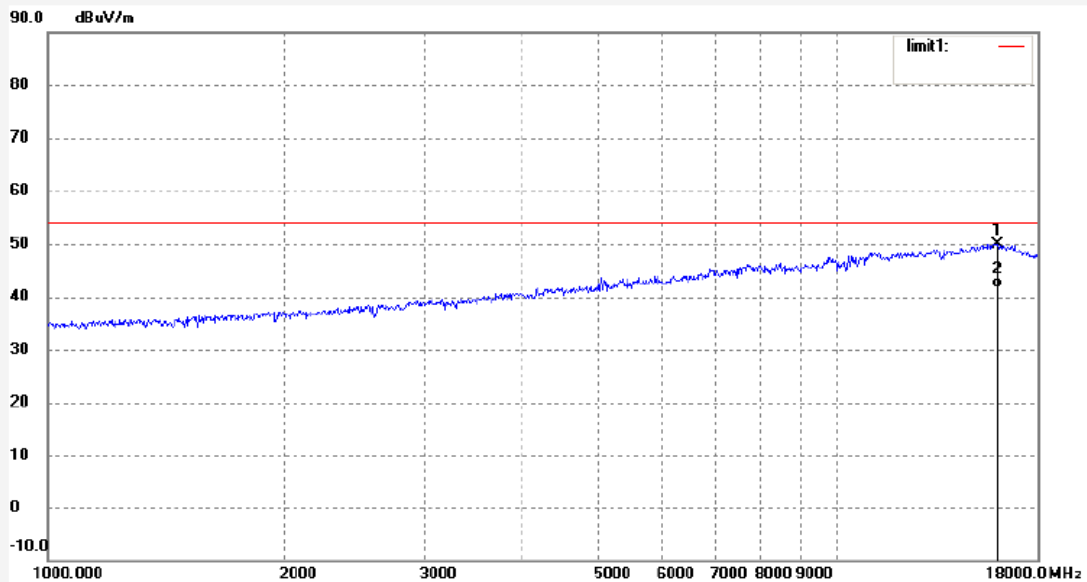

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 Site: 2# Chamber
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| | |
|--|----------------------------|
| Job No.: Ian2015-2 #1072 | Polarization: Horizontal |
| Standard: FCC Class B 3M Radiated | Power Source: AC 120V/60Hz |
| Test item: Radiation Test | Date: 15/06/19/ |
| Temp.(C)/Hum.(%) 23 C / 48 % | Time: |
| EUT: 10.1" Android Tablet PC | Engineer Signature: |
| Mode: On with GPS | Distance: 3m |
| Model: NS-P16AT10 | |
| Manufacturer: Lightcomm Technology Co., Ltd. | |

Note:



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 15988.449 | 9.98 | 40.00 | 49.98 | 74.00 | -24.02 | peak | | | |
| 2 | 15988.449 | 1.70 | 40.00 | 41.70 | 54.00 | -12.30 | AVG | | | |


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Site: 2# Chamber

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Fax:+86-0755-26503396

Job No.: Ian2015-2 #1073

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: 10.1" Android Tablet PC

Mode: On with GPS

Model: NS-P16AT10

Manufacturer: Lightcomm Technology Co., Ltd.

Polarization: Vertical

Power Source: AC 120V/60Hz

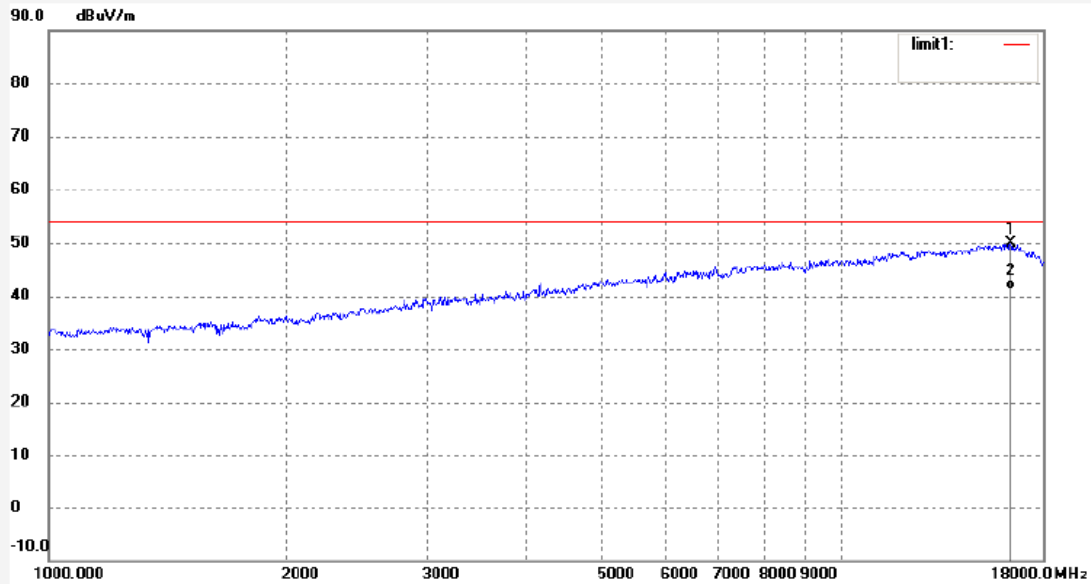
Date: 15/06/19/

Time:

Engineer Signature:

Distance: 3m

Note:



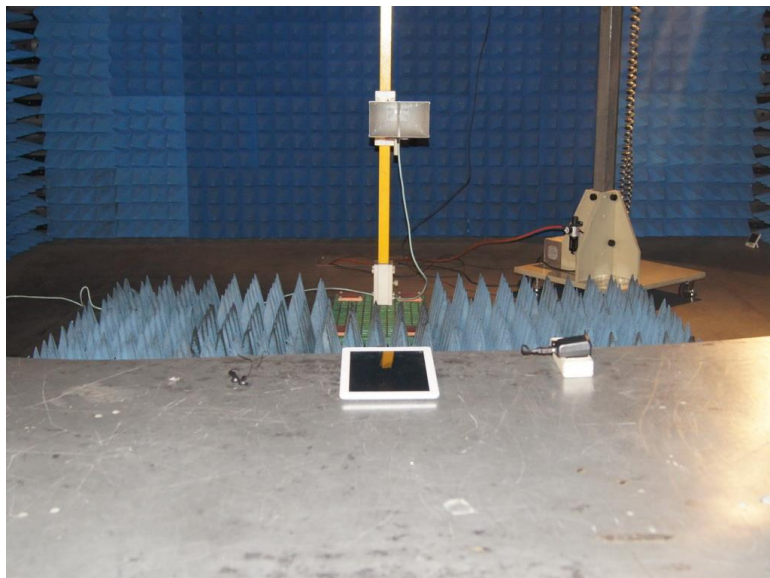
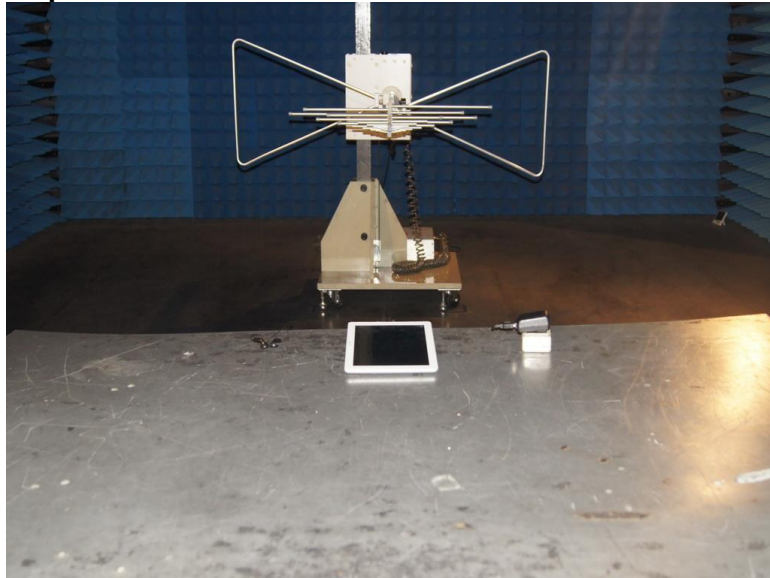
| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Degree (deg.) | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|-------------|---------------|--------|
| 1 | 16362.457 | 9.60 | 40.22 | 49.82 | 74.00 | -24.18 | peak | | | |
| 2 | 16362.457 | 0.85 | 40.22 | 41.07 | 54.00 | -12.93 | AVG | | | |

6. Photographs of the Test Set-Up

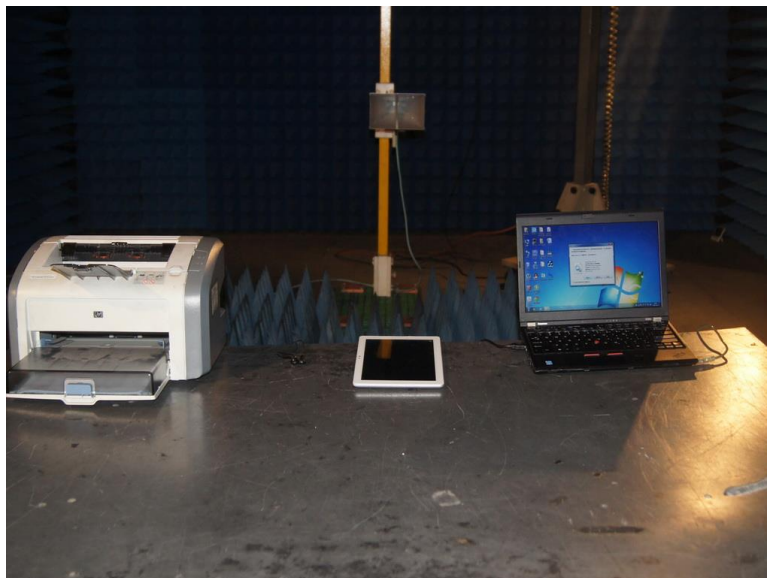
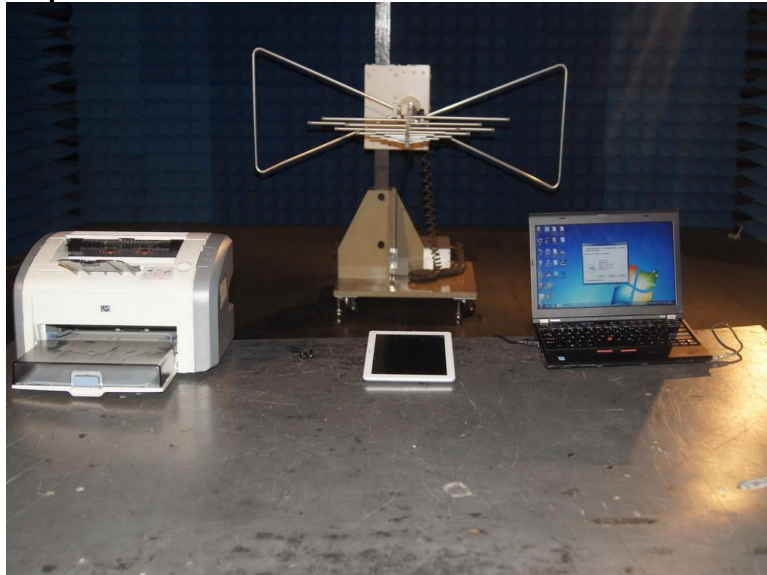
Photograph 1: Set-up for Conducted Emission



Photograph 2: Set-up for Radiated Emission of below 1GHz



Photograph 3: Set-up for Radiated Emission of above 1GHz



7. List of Tables

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