



## EMC TEST REPORT For VCCI

Test Report No. : KES-E1-18T0048  
Date of Issue : Jan. 09, 2018  
Product name : 2M LENS MODULE  
Model/Type No. : SLA-2M3600DN  
Variant Model : -  
Applicant : Hanwha Techwin Co., Ltd.  
Applicant Address : 1204, Changwon-daero, Seongsan-gu, Changwon-si,  
Gyeongsangnam-do, Korea  
Manufacturer : Hanwha Techwin (Tianjin) Co.,Ltd.  
Manufacturer Address : No.11 Weiliu Rd, Micro-Electronic Industrial  
Park, TEDA, Tianjin, 300385, People's Republic of China.

Equipment authorization : ☐ Declaration of Conformity  
☒ Verification  
☐ Certification

Date of Receipt : Dec. 21, 2017

Test date : Jan. 02, 2018 ~ Jan. 03, 2018

Test Results : ☒ In Compliance ☐ Not in Compliance

Tested by

Hyo Jin, Kim  
EMC Test Engineer

Reviewed by

Dong-Hun, Jang  
EMC Technical Manager

This test report is not related to KOLAS.

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**REPORT REVISION HISTORY**

| Date          | Test Report No. | Revision History |
|---------------|-----------------|------------------|
| Jan. 09, 2018 | KES-E1-18T0048  | Issued           |
|               |                 |                  |
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## 1.0 General Product Description

Main Specifications of EUT are:

| <b>Video</b>              |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Imaging Device            | 1/2.8" 2M CMOS                                                                 |
| Total Pixels              | 1945(H) x 1109(V) 2.16M                                                        |
| Effective Pixels          | 1945(H) x 1097(V) 2.13M                                                        |
| Scanning System           | Progressive Scan                                                               |
| Min. Illumination         | Color : 0.055Lux(F2.0, 1/30sec, 30IRE)<br>B/W : 0.055Lux(F2.0, 1/30sec, 30IRE) |
| S / N Ratio               | 50dB                                                                           |
| Wide Dynamic Range        | 150dB                                                                          |
| Day & Night               | Electrical                                                                     |
| <b>Lens</b>               |                                                                                |
| Focal Length (Zoom Ratio) | 3.6mm                                                                          |
| Max. Aperture Ratio       | F2.0                                                                           |
| Angular Field of View     | <b>H:94.8°, V:49.3°, D:114.3°</b>                                              |
| Min. Object Distance      | -                                                                              |
| Focus Control             | -                                                                              |
| Lens Type                 | Fixed focal                                                                    |
| Mount Type                | M12 Lens module with main unit                                                 |
| <b>Mechanical</b>         |                                                                                |
| Color / Material          | Black / Plastic                                                                |
| Dimension (WxHxD)         | Ø35.5 x 27.9mm                                                                 |
| Weight                    | 27g                                                                            |



## 1.1 Test Voltage & Frequency

Unless indicated otherwise on the individual data sheet or test results, the test voltage and frequency was as indicated below.

Voltage ☐ 230 Vac ☐ 100 Vac ☐ 24 Vac ☐ 5 Vdc ☒ PoE  
Frequency ☐ 50 Hz ☐ 60 Hz ☐ Hz

## 1.2 Variant Model Differences

Not applicable

## 1.3 Device Modifications

Not applicable

## 1.4 Equipment Under Test

| Description    | Model Number | Serial Number | Manufacturer                     | Remarks |
|----------------|--------------|---------------|----------------------------------|---------|
| 2M LENS MODULE | SLA-2M3600DN | -             | Hanwha Techwin (Tianjin) Co.,Ltd | E.U.T   |

## 1.5 Support Equipments

| Description      | Model Number | Serial Number   | Manufacturer                     | Remarks |
|------------------|--------------|-----------------|----------------------------------|---------|
| PoE Adaptor      | GS728TPP     | -               | NETGEAR, INC.                    | -       |
| Notebook         | NT730U3E     | JJRE91CF200065A | Samsung Electronics Co., Ltd.    | -       |
| Notebook Adaptor | PA-1600-66   | AD-6019P        | Li Shin Co., Ltd.                | -       |
| Network Camera   | PNM-7000VD   | -               | Hanwha Techwin (Tianjin) Co.,Ltd | -       |
| LENS MODULE      | SLA-2M2400D  | -               | Hanwha Techwin (Tianjin) Co.,Ltd | -       |

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## 1.6 External I / O Cabling

| Start                  |              | END            |              | Cable Spec. |        |
|------------------------|--------------|----------------|--------------|-------------|--------|
| Description            | I / O Port   | Description    | I / O Port   | Length      | Shield |
| 2M LENS MODULE (E.U.T) | LENS Out     | Network Camera | LENS In      | -           | -      |
| Network Camera         | RJ-45 (PoE)  | PoE Adaptor    | RJ-45 (PoE)  | 3.0         | U      |
|                        | LENS In      | LENS MODULE    | LENS Out     | -           | -      |
| PoE Adaptor            | RJ-45 (Data) | Notebook       | RJ-45 (Data) | 3.0         | U      |

\* Unshielded=U, Shielded=S

## 1.7 EUT Operating Mode(s)

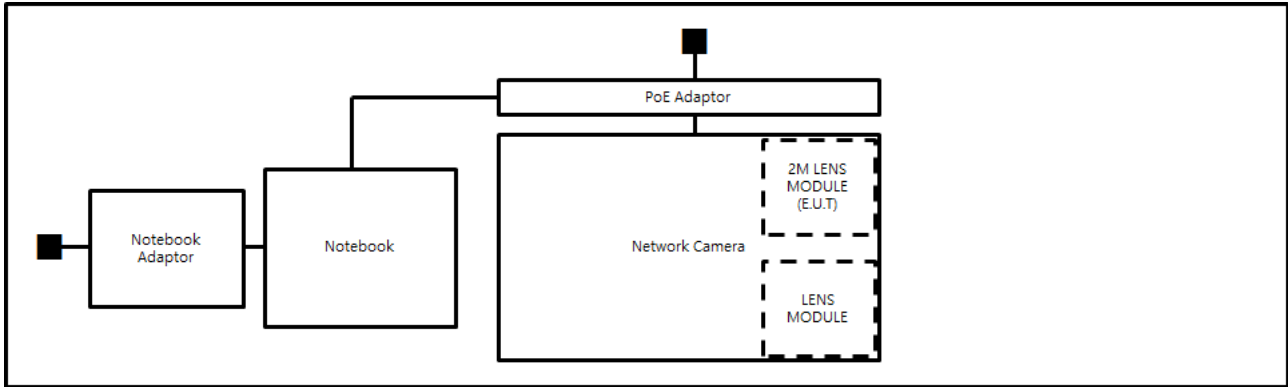
| Test mode | operating                   |
|-----------|-----------------------------|
| PoE       | E.U.T Monitoring, Ping Test |

| E.U.T Test operating S/W |         |                          |
|--------------------------|---------|--------------------------|
| Name                     | Version | Manufacture Company      |
| Webviewer                | -       | Hanwha Techwin Co., Ltd. |

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## 1.8 Configuration

■ AC Main  
□ DC Main



## 1.9 Remarks when standards applied

N/A

## 1.10 Calibration Details of Equipment Used for Measurement

Test equipment and test accessories are calibrated on regular basis. The maximum time between calibrations is one year or what is recommended by the manufacturer, whichever is less.

## 1.11 Test Facility

The measurement facility is located at 473-21 Gayeo-ro, Yeosu-si, Gyeonggi-do, 12658, Korea. The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22.

## 1.12 Laboratory Accreditations and Listings

| Country       | Agency | Scope of Accreditation                                                                                                                                                                                 | Logo                                                                                                                      |
|---------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| USA           | FCC    | 3 & 10 meter Open Area Test Sites and one conducted site to perform FCC Part 15/18 measurements.                                                                                                       |                                       |
| JAPAN         | VCCI   | Mains Ports Conducted Interference Measurement, Telecommunication Ports Conducted Disturbance Measurement and Radiation 10 meter site, Facility for measuring radiated disturbance above 1 GHz         | <br>R-4308, C-4798,<br>T-2311, G-914 |
| KOREA         | MSIP   | EMI (10 meter Open Area Test Site and two conducted sites)<br>Radio(3 & 10 meter Open Area Test Sites and one conducted site)<br>EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions) | <br>KR0100                           |
| Canada        | IC     | 3 & 10 meter Open Area Test Sites and one conducted site                                                                                                                                               | <br>4769B-1                          |
| Europe        | CE     | EMI (10 meter Open Area Test Site and two conducted sites)<br>Radio(3 & 10 meter Open Area Test Sites and one conducted site)<br>EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions) |                                      |
| International | KOLAS  | EMI (10 meter Open Area Test Site and two conducted sites)<br>Radio(3 & 10 meter Open Area Test Sites and one conducted site)<br>EMS (ESD, RS, EFT/Burst, Surge, CS, Magnetic, Dips and interruptions) |                                      |

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## 2.0 Test Regulations

The emissions tests were performed according to following regulations:

☐ **EMC – Directive 2014/30/EU**

☐ EN 61000-6-3:2011

☐ EN 61000-6-1:2007

☐ EN 61000-6-4:2007 +A1:2011

☐ EN 61000-6-2:2005

☐ EN 55011:2007 +A1:2010

☐ Group 1  
☐ Class A

☐ Group 2  
☐ Class B

☐ EN 55014-1:2006 +A2:2011

☐ EN 55014-2:1997 +A2:2008

☐ EN 55015:2013

☐ EN 61547 :2009

☐ EN 55032:2015

☐ Class A

☐ Class B

☐ EN 55024:2010 +A1:2015

☐ EN 50130-4:2011 +A1:2014

☐ EN 61000-3-2:2014

☐ EN 61000-3-3:2013

☐ EN 61326-1:2013



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- |                                                               |                                             |                                  |
|---------------------------------------------------------------|---------------------------------------------|----------------------------------|
| <input checked="" type="checkbox"/> <b>VCCI V-3 / 2015.04</b> | <input checked="" type="checkbox"/> Class A | <input type="checkbox"/> Class B |
| <input type="checkbox"/> <b>AS/NZS CISPR22:2009 + A1:2010</b> | <input type="checkbox"/> Class A            | <input type="checkbox"/> Class B |
| <input type="checkbox"/> <b>47 CFR Part 15, Subpart B</b>     |                                             |                                  |
| <input type="checkbox"/> CISPR 22:2009 +A1:2010               | <input type="checkbox"/> Class A            | <input type="checkbox"/> Class B |
| <input type="checkbox"/> ANSI C63.4-2009                      |                                             |                                  |
| <input type="checkbox"/> <b>IC Regulation ICES-003 : 2016</b> |                                             |                                  |
| <input type="checkbox"/> CAN/CSA CISPR 22-10                  | <input type="checkbox"/> Class A            | <input type="checkbox"/> Class B |
| <input type="checkbox"/> ANSI C63.4-2014                      |                                             |                                  |
| <br>                                                          |                                             |                                  |
| <input type="checkbox"/> <b>RE- Directive 2014/53/EU</b>      |                                             |                                  |
| <input type="checkbox"/> EN 301 489-1 V1.9.2                  |                                             |                                  |
| <input type="checkbox"/> Equipment for fixed use              |                                             |                                  |
| <input type="checkbox"/> Equipment for vehicular use          |                                             |                                  |
| <input type="checkbox"/> Equipment for portable use           |                                             |                                  |
| <input type="checkbox"/> EN 301 489-3 V1.6.1                  |                                             |                                  |
| <input type="checkbox"/> EN 301 489-17 V2.2.1                 |                                             |                                  |
| <input type="checkbox"/> EN 60945:2002                        |                                             |                                  |

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## 2.1 Conducted Emissions Mains Power Ports

### Test Date

N/A

### Test Location

Electro wave Shieldroom #3

### Test Equipment

| Used                     | Description       | Model Number | Manufacturer | Serial Number | Cal. Due     |
|--------------------------|-------------------|--------------|--------------|---------------|--------------|
| <input type="checkbox"/> | EMI Test S/W      | EMC32        | R & S        | 9.12.00       | -            |
| <input type="checkbox"/> | EMI TEST RECEIVER | ESR3         | R & S        | 101783        | 04, 27, 2018 |
| <input type="checkbox"/> | LISN              | ENV216       | R & S        | 101137        | 02, 13, 2018 |
| <input type="checkbox"/> | LISN              | ENV216       | R & S        | 101786        | 04, 27, 2018 |
| <input type="checkbox"/> | PULSE LIMITER     | ESH3-Z2      | R & S        | 101914        | 11, 27, 2018 |
| <input type="checkbox"/> | LISN              | NNBM8124     | SCHWARZBECK  | 8124-1002     | 08, 07, 2018 |
| <input type="checkbox"/> | LISN              | NNBM8124     | SCHWARZBECK  | 8124-1003     | 08, 07, 2018 |

### Test Conditions

Temperature: °C  
Relative Humidity: % R.H.

### Frequency Range of Measurement

150 kHz to 30 MHz

### Instrument Settings

IF Band Width: 9 kHz

### Test Results

The requirements are:

- ☐ PASS  
☐ NOT PASS  
☒ NOT APPLICABLE

### Remarks

N/A

## 2.2 Conducted Emissions at Telecommunication Ports

### Test Date

Jan. 02, 2018

### Test Location

Electro wave Shieldroom #3

### Test Equipment

| Used                                | Description       | Model Number | Manufacturer | Serial Number | Cal. Due     |
|-------------------------------------|-------------------|--------------|--------------|---------------|--------------|
| <input checked="" type="checkbox"/> | EMI Test S/W      | EMC32        | R & S        | 9.12.00       | -            |
| <input checked="" type="checkbox"/> | EMI TEST RECEIVER | ESR3         | R & S        | 101783        | 04, 27, 2018 |
| <input checked="" type="checkbox"/> | LISN              | ENV216       | R & S        | 101137        | 02, 03, 2018 |
| <input checked="" type="checkbox"/> | LISN              | ENV216       | R & S        | 101786        | 04, 27, 2018 |
| <input checked="" type="checkbox"/> | PULSE LIMITER     | ESH3-Z2      | R & S        | 101914        | 11, 27, 2018 |
| <input checked="" type="checkbox"/> | 8-WIRE ISN CAT3   | CAT3 8158    | SCHWARZBECK  | 8158-0019     | 03, 29, 2018 |
| <input checked="" type="checkbox"/> | 8-WIRE ISN CAT5   | CAT5 8158    | SCHWARZBECK  | 8158-0030     | 03, 29, 2018 |
| <input type="checkbox"/>            | 8-WIRE ISN CAT6   | NTFM 8158    | SCHWARZBECK  | 8158-0029     | 08, 10, 2018 |
| <input type="checkbox"/>            | ISN               | ISN S8       | SCHWARZBECK  | ISN-S8-0019   | 05, 12, 2018 |

### Test Conditions

Temperature: 23,2 °C  
Relative Humidity: 49,2 % R.H.

### Frequency Range of Measurement

150 kHz to 30 MHz

### Instrument Settings

IF Band Width: 9 kHz

### Test Results

The requirements are:

- ☒ PASS  
☐ NOT PASS  
☐ NOT APPLICABLE

### Remarks

See Appendix A for test data.



## 2.3 Radiated Electric Field Emissions(Below 1 GHz)

### Test Date

Jan. 02, 2018

### Test Location

☐ OPEN AREA TEST SITE #2 ☒ SEMI ANECHOIC CHAMBER #4(10m)

### Test Equipment

| Used                                | Description              | Model Number | Manufacturer     | Serial Number | Cal. Due     |
|-------------------------------------|--------------------------|--------------|------------------|---------------|--------------|
| <input checked="" type="checkbox"/> | EMI Test S/W             | EP5/RE       | TOYO Corporation | 6.0.0         | -            |
| <input checked="" type="checkbox"/> | EMI TEST RECEIVER        | ESU26        | R & S            | 100551        | 04, 18, 2018 |
| <input checked="" type="checkbox"/> | AMPLIFIER                | SCU 01       | R & S            | 100603        | 11, 27, 2018 |
| <input checked="" type="checkbox"/> | TRILOG-BROADBAND ANTENNA | VULB9163     | Schwarzbeck      | 716           | 11, 28, 2018 |

### Test Conditions

Temperature: 23,9 °C  
Relative Humidity: 41,5 % R.H.

### Frequency Range of Measurement

30 MHz to 1 GHz

### Instrument Settings

IF Band Width: 120 kHz

### Test Results

The requirements are:

☒ PASS  
☐ NOT PASS  
☐ NOT APPLICABLE

### Remarks

See Appendix A for test data.



## 2.4 Radiated Electric Field Emissions(Above 1 GHz)

### Test Date

Jan. 03, 2018

### Test Location

SEMI ANECHOIC CHAMBER #3

### Test Equipment

| Used                                | Description                | Model Number | Manufacturer     | Serial Number | Cal. Due     |
|-------------------------------------|----------------------------|--------------|------------------|---------------|--------------|
| <input checked="" type="checkbox"/> | EMI Test S/W               | EP5/RE       | TOYO Corporation | 6.0.0         | -            |
| <input checked="" type="checkbox"/> | EMI TEST RECEIVER          | ESR7         | R & S            | 101190        | 08, 07, 2018 |
| <input checked="" type="checkbox"/> | PREAMPLIFIER               | 8449B        | AGILENT          | 3008A01967    | 05, 31, 2018 |
| <input type="checkbox"/>            | ATTENUATOR                 | 8491A        | HP               | 32173         | 03, 24, 2018 |
| <input checked="" type="checkbox"/> | DOUBLE RIDGED HORN ANTENNA | SAS-571      | A.H.SYSTEM,INC   | 781           | 05, 02, 2019 |

### Test Conditions

Temperature: 23,0 °C  
Relative Humidity: 40,7 % R.H.

### Frequency Range of Measurement

1 GHz to 6 GHz

### Instrument Settings

IF Band Width: 1 MHz

### Test Results

The requirements are:

- ☒ PASS  
☐ NOT PASS  
☐ NOT APPLICABLE

### Remarks

See Appendix A for test data.



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## **APPENDIX A – TEST DATA**

### **Conducted Emissions at Mains Power Ports**

HOT LINE

N/A

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### NEUTRAL LINE

N/A

#### ◆ Calculation

QuasiPeak[dBuV] / CAverage [dBuV] = Reading Value[dBuV] + Corr. [dB]

QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

Corr. : Correction values (LISN FACTOR + (Cable Loss + Pulse Limiter FACTOR))

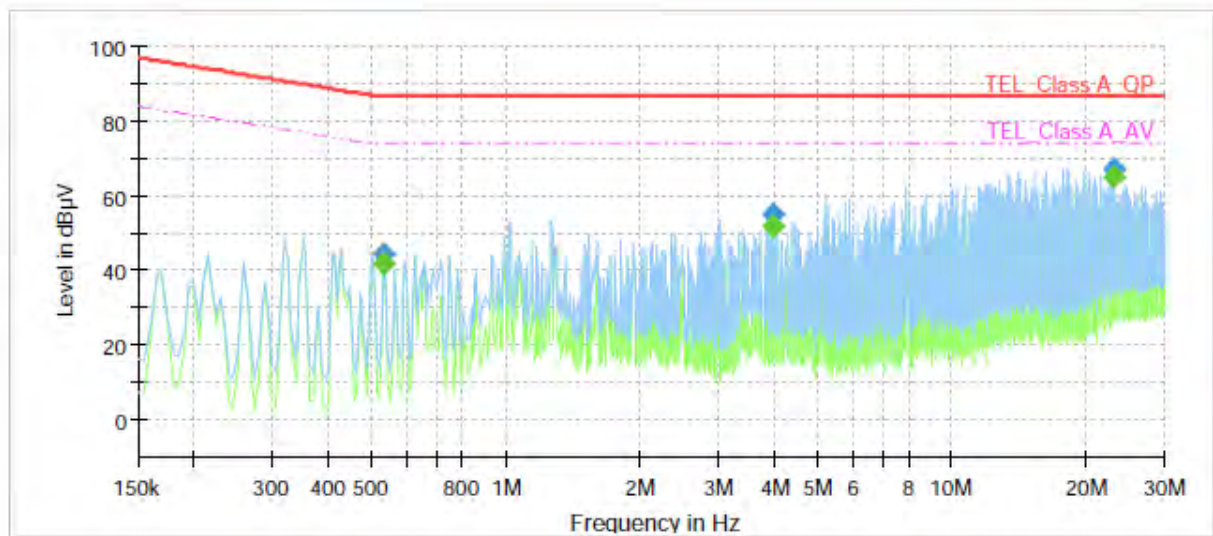
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## Conducted Emissions at Telecommunication Ports

[10 Mbps]

### Common Information

|                   |                            |
|-------------------|----------------------------|
| Test Description: | Telecommunication Emission |
| Model No.:        | SLA-2M3600DN               |
| Mode              | PoE_10 Mbps                |
| Operator Name:    | KES                        |



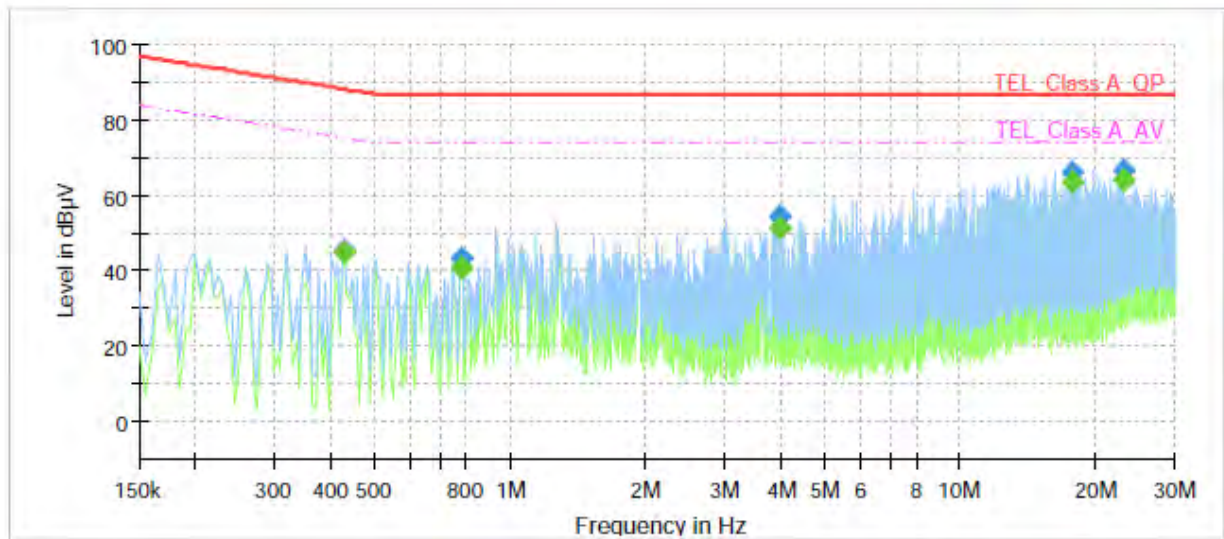
### Final Result

| Frequency (MHz) | QuasiPeak (dBµV) | CAverage (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line        | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|-----------------|-----------------|-------------|------------|
| 0.535000        | ---              | 41.73           | 74.00        | 32.27       | 1000.0          | 9.000           | Single Line | 19.9       |
| 0.535000        | 44.49            | ---             | 87.00        | 42.51       | 1000.0          | 9.000           | Single Line | 19.9       |
| 3.955000        | ---              | 51.86           | 74.00        | 22.14       | 1000.0          | 9.000           | Single Line | 20.0       |
| 3.955000        | 55.31            | ---             | 87.00        | 31.69       | 1000.0          | 9.000           | Single Line | 20.0       |
| 23.130000       | ---              | 65.23           | 74.00        | 8.77        | 1000.0          | 9.000           | Single Line | 19.9       |
| 23.130000       | 67.20            | ---             | 87.00        | 19.80       | 1000.0          | 9.000           | Single Line | 19.9       |

[100 Mbps]

## Common Information

|                   |                            |
|-------------------|----------------------------|
| Test Description: | Telecommunication Emission |
| Model No.:        | SLA-2M3600DN               |
| Mode              | PoE_100 Mbps               |
| Operator Name:    | KES                        |



## Final Result

| Frequency (MHz) | QuasiPeak (dBµV) | CAverage (dBµV) | Limit (dBµV) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Line        | Corr. (dB) |
|-----------------|------------------|-----------------|--------------|-------------|-----------------|-----------------|-------------|------------|
| 0.430000        | ---              | 44.91           | 75.25        | 30.34       | 1000.0          | 9.000           | Single Line | 19.4       |
| 0.430000        | 45.51            | ---             | 88.25        | 42.74       | 1000.0          | 9.000           | Single Line | 19.4       |
| 0.780000        | ---              | 40.52           | 74.00        | 33.48       | 1000.0          | 9.000           | Single Line | 19.5       |
| 0.780000        | 43.53            | ---             | 87.00        | 43.47       | 1000.0          | 9.000           | Single Line | 19.5       |
| 3.955000        | ---              | 51.10           | 74.00        | 22.90       | 1000.0          | 9.000           | Single Line | 19.5       |
| 3.955000        | 54.76            | ---             | 87.00        | 32.24       | 1000.0          | 9.000           | Single Line | 19.5       |
| 17.695000       | ---              | 63.25           | 74.00        | 10.75       | 1000.0          | 9.000           | Single Line | 19.5       |
| 17.695000       | 66.21            | ---             | 87.00        | 20.79       | 1000.0          | 9.000           | Single Line | 19.5       |
| 23.130000       | ---              | 64.01           | 74.00        | 9.99        | 1000.0          | 9.000           | Single Line | 19.4       |
| 23.130000       | 66.64            | ---             | 87.00        | 20.36       | 1000.0          | 9.000           | Single Line | 19.4       |

### ◆ Calculation

QuasiPeak[dBuV] / CAverage [dBuV] = Reading Value[dBuV] + Corr. [dB]

QuasiPeak / CAverage : The Final Value

Reading Value : Not shown in the table.

Corr. : Correction values (ISN FACTOR + (Cable Loss + Pulse Limiter FACTOR))



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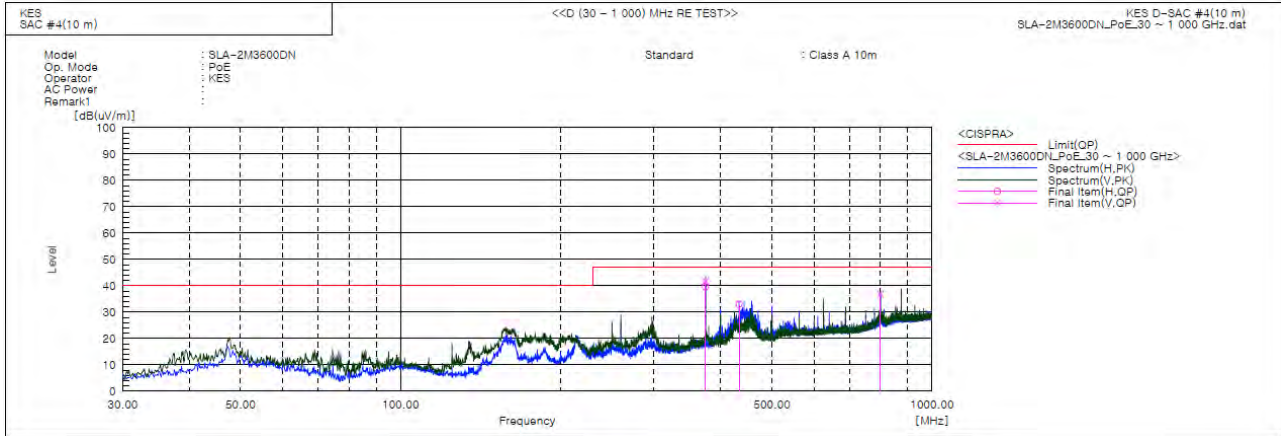
3701, 40, Simin-daero 365beon-gil,  
Dongan-gu, Anyang-si, Gyeonggi-do, 14057, Korea  
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Test report No.:

KES-E1-18T0048

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### Radiated Electric Field Emissions(Below 1 GHz)



#### Final Result

| No. | Frequency [MHz] | (P) | Reading QP [dB(uV)] | c.f [dB(1/m)] | Result QP [dB(uV/m)] | Limit QP [dB(uV/m)] | Margin QP [dB] | Height [cm] | Angle [deg] | Remark |
|-----|-----------------|-----|---------------------|---------------|----------------------|---------------------|----------------|-------------|-------------|--------|
| 1   | 374.886         | H   | 60.9                | -21.3         | 39.6                 | 47.0                | 7.4            | 357.0       | 203.0       |        |
| 2   | 374.956         | V   | 63.1                | -21.3         | 41.8                 | 47.0                | 5.2            | 152.0       | 349.0       |        |
| 3   | 433.520         | H   | 52.5                | -19.5         | 33.0                 | 47.0                | 14.0           | 324.0       | 168.0       |        |
| 4   | 800.059         | V   | 49.3                | -12.5         | 36.8                 | 47.0                | 10.2           | 172.0       | 260.0       |        |

#### ◆ Calculation

Corrected Amplitude [dBuV] = Amplitude[dBuV] + Correction Factor [dB]

Corrected Amplitude : The Final Value, Amplitude : Reading Value,

Correction Factor : ANT FACTOR + Cable loss

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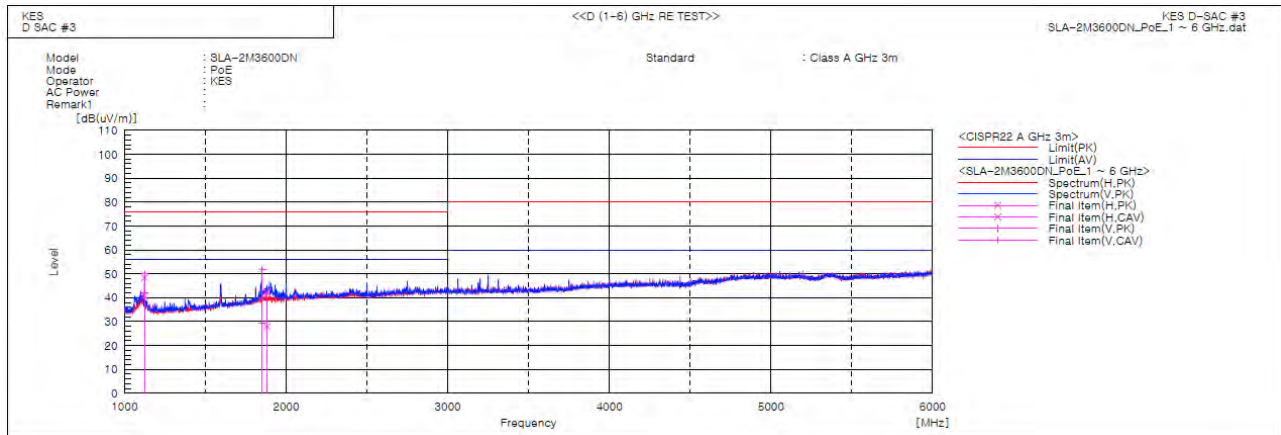
3701, 40, Simin-daero 365beon-gil,  
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Test report No.:

KES-E1-18T0048

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### Radiated Electric Field Emissions(Above 1 GHz)



#### Final Result

| No. | Frequency<br>[MHz] | (P) | Reading<br>PK<br>[dB(uV)] | Reading<br>CAV<br>[dB(uV)] | c.f<br>[dB(1/m)] | Result<br>PK<br>[dB(uV/m)] | Result<br>CAV<br>[dB(uV/m)] | Limit<br>PK<br>[dB(uV/m)] | Limit<br>AV<br>[dB(uV/m)] | Margin<br>PK<br>[dB] | Margin<br>CAV<br>[dB] | Height<br>[cm] | Angle<br>[deg] | Remark |
|-----|--------------------|-----|---------------------------|----------------------------|------------------|----------------------------|-----------------------------|---------------------------|---------------------------|----------------------|-----------------------|----------------|----------------|--------|
| 1   | 1124.770           | H   | 57.4                      | 49.9                       | -9.1             | 48.3                       | 40.8                        | 76.0                      | 56.0                      | 27.7                 | 15.2                  | 100.0          | 27.1           |        |
| 2   | 1124.950           | V   | 59.1                      | 51.0                       | -9.1             | 50.0                       | 41.9                        | 76.0                      | 56.0                      | 26.0                 | 14.1                  | 100.0          | 343.3          |        |
| 3   | 1853.779           | V   | 54.4                      | 32.1                       | -2.7             | 51.7                       | 29.4                        | 76.0                      | 56.0                      | 24.3                 | 26.6                  | 100.0          | 302.1          |        |
| 4   | 1882.248           | H   | 44.9                      | 30.4                       | -2.5             | 42.4                       | 27.9                        | 76.0                      | 56.0                      | 33.6                 | 28.1                  | 100.0          | 47.4           |        |

#### ◆ Calculation

Result(PK/CAV) [dB( $\mu$ V/m)] = (Reading(PK/CAV)[dB( $\mu$ V)] + c.f[dB(1/m)])

Margin(PK/CAV)[dB] = Limit[dB( $\mu$ V/m)] - Result(PK/CAV) [dB( $\mu$ V/m)]

Reading(PK/CAV) : Reading value, Result(PK/CAV) : Reading value + Factor value

Limit(QP) : Limit value, c.f : (ANT Factor + Cable Loss - Preamp Factor), Margin: Margin value



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## Test Setup Photos and Configuration

### Conducted Voltage Emissions

N/A

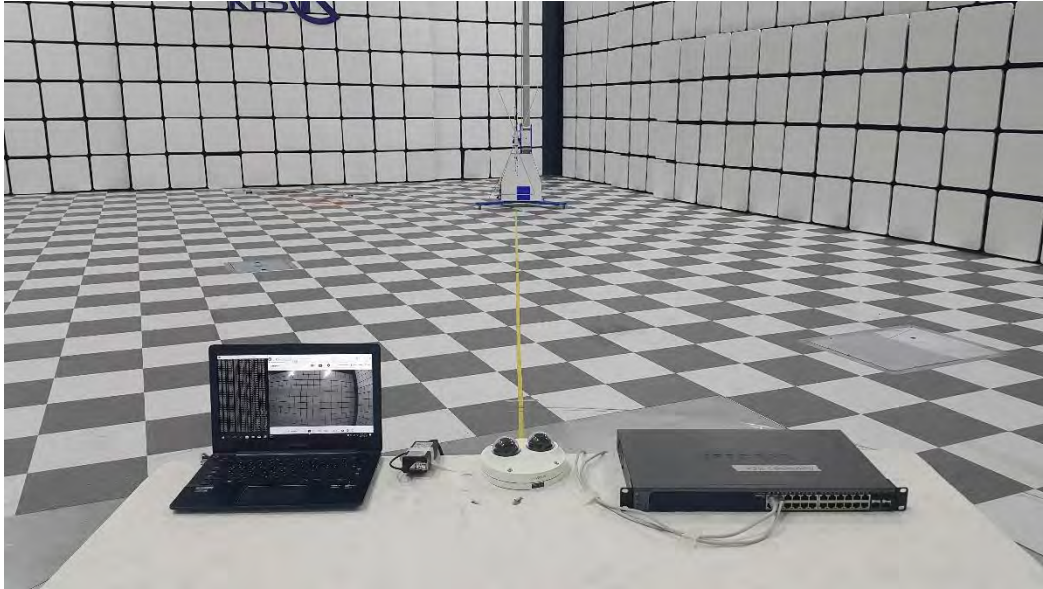
N/A

## Conducted Telecommunication Emissions



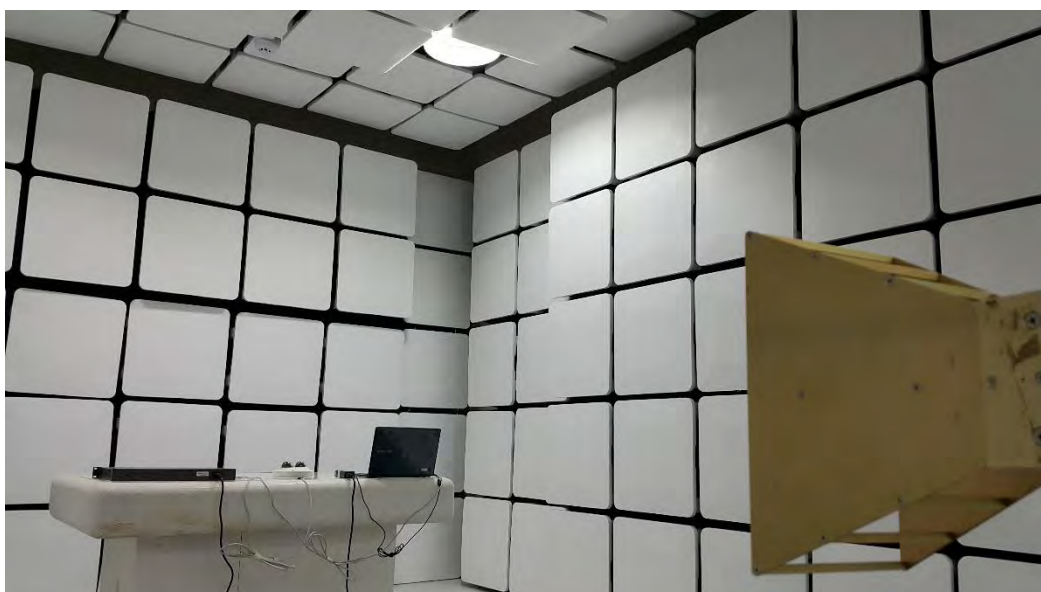
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## adiated Electric Field Emissions(Below 1 GHz)



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## Radiated Electric Field Emissions(Above 1 GHz)



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## EUT External Photographs

(Top)

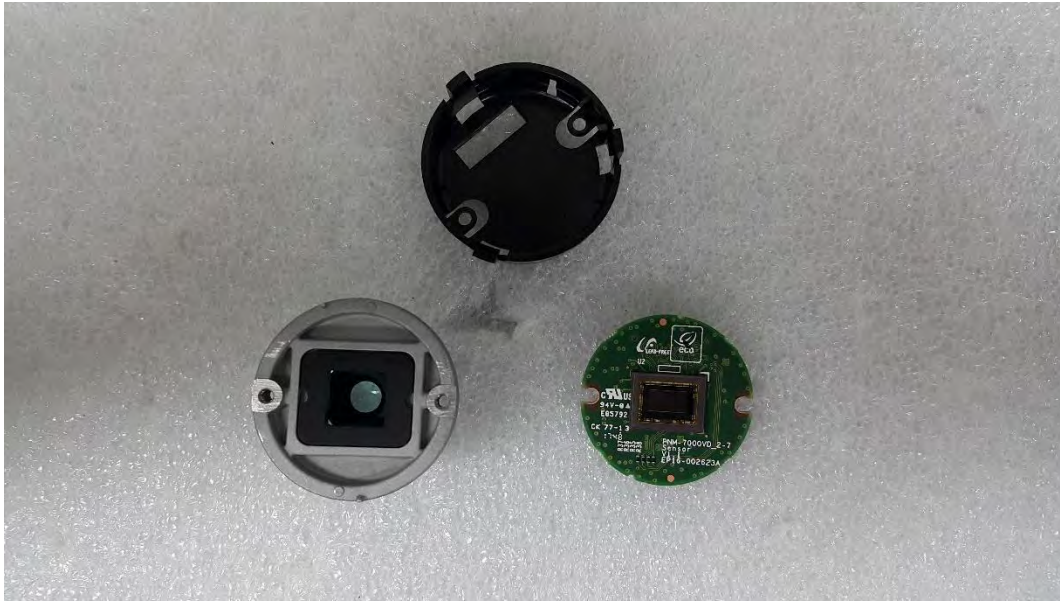


(Bottom)



## EUT Internal Photographs

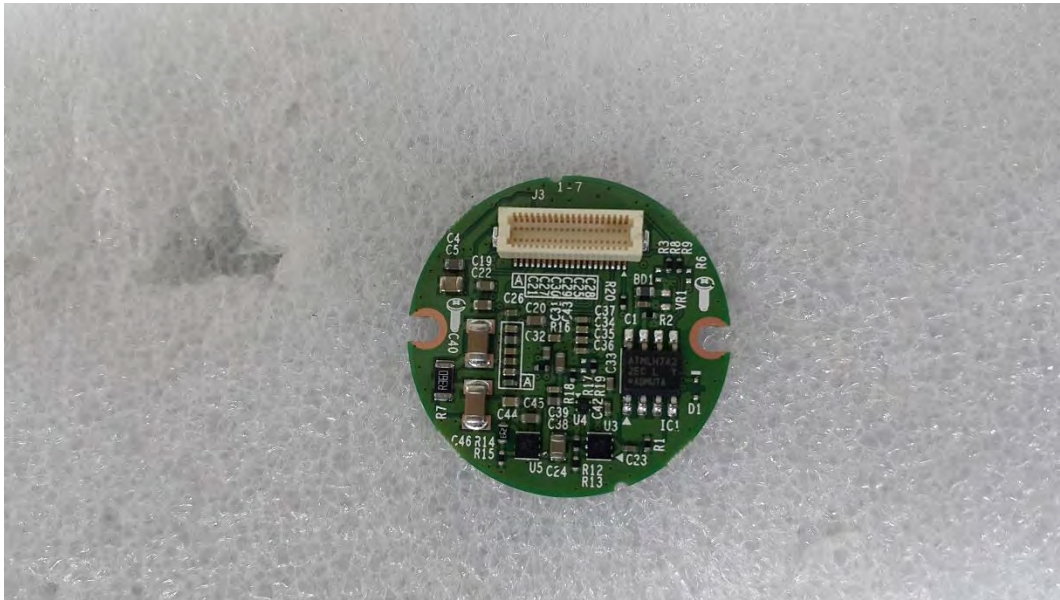
(Internal View)



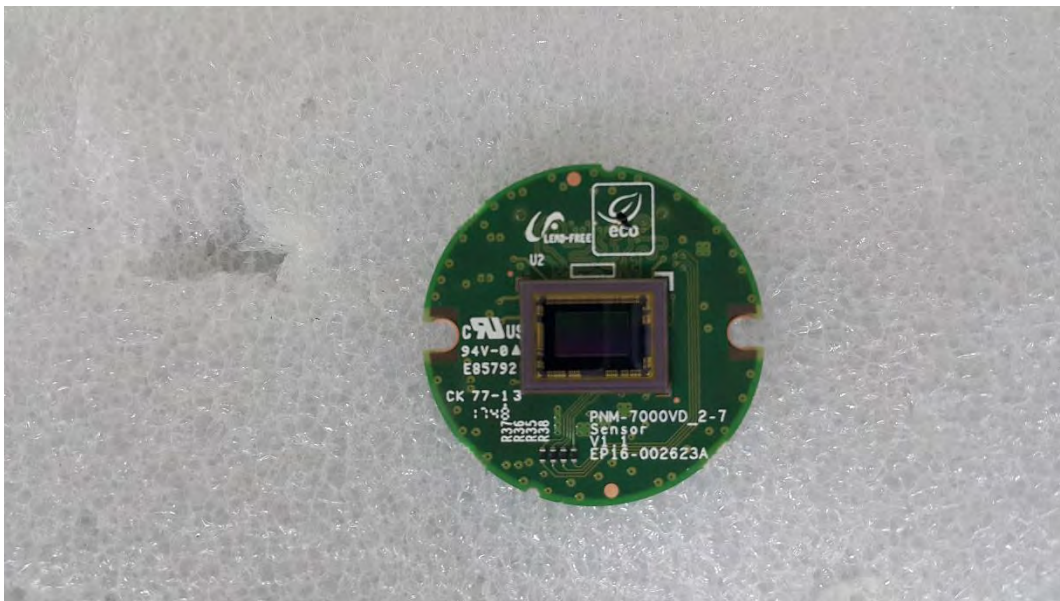
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## EUT Internal View – CCD board

(Top)



(Bottom)



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