

| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11b with data rate 1 2412MHz | Antenna | Vertical |

PK



AV



RESULT: PASS

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| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11b with data rate 1 2462MHz | Antenna | Horizontal |

PK



AV



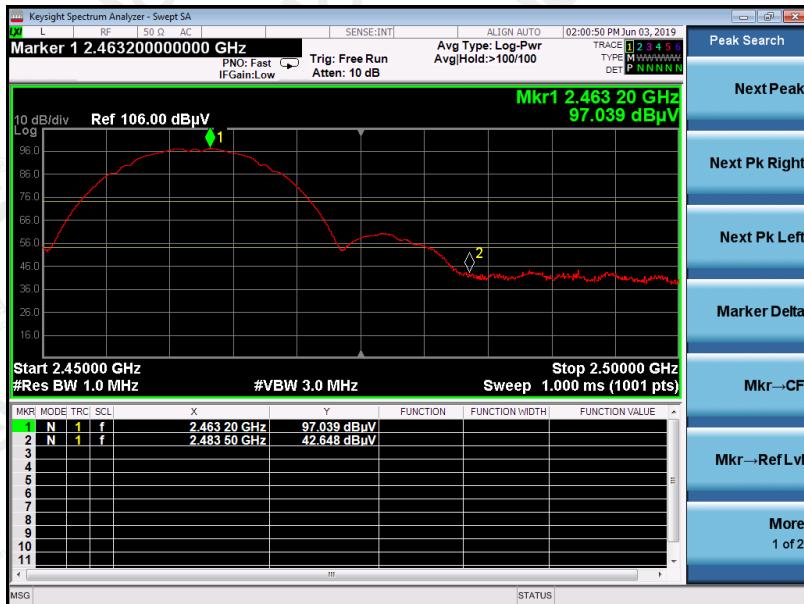
RESULT: PASS

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| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11b with data rate 1 2462MHz | Antenna | Vertical |

PK



AV



RESULT: PASS

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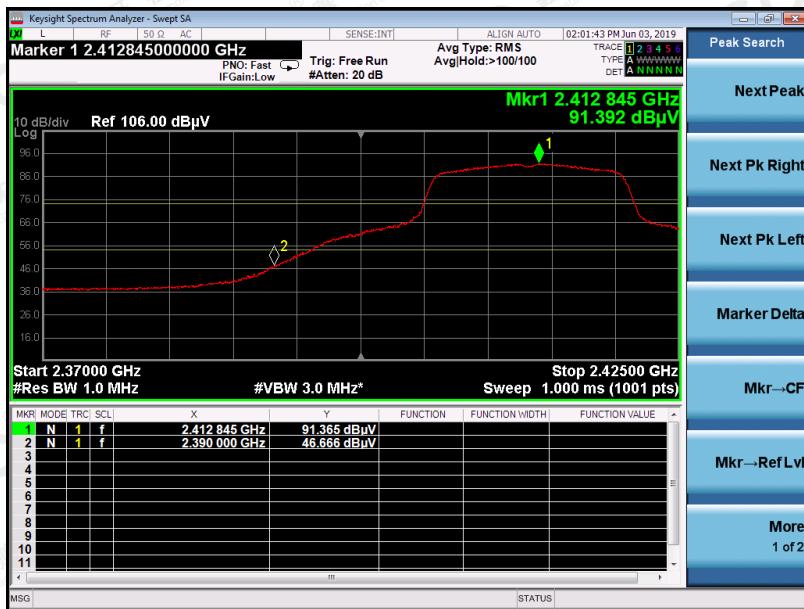
Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com 400 089 2118
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11g with data rate 6 2412MHz | Antenna | Horizontal |

PK



AV



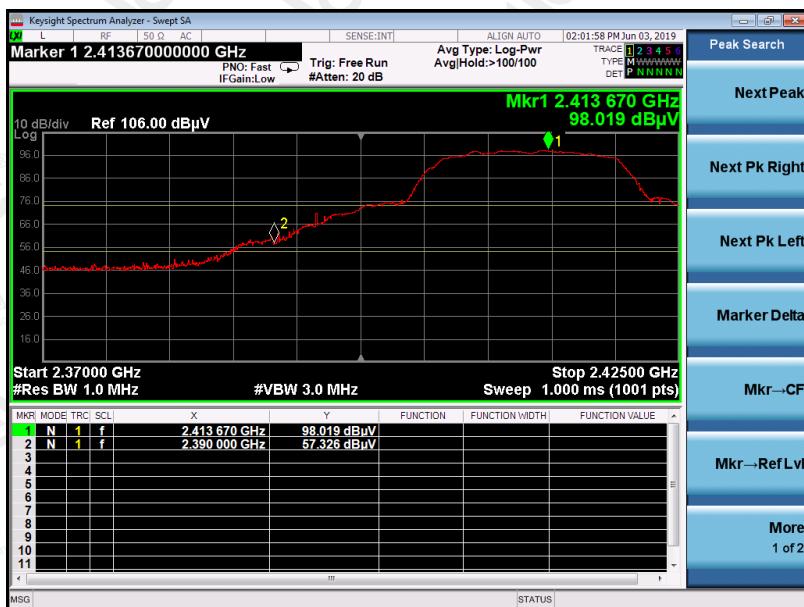
RESULT: PASS

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| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11g with data rate 6 2412MHz | Antenna | Vertical |

PK



AV



RESULT: PASS

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| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11g with data rate 6 2462MHz | Antenna | Horizontal |

PK



AV



RESULT: PASS

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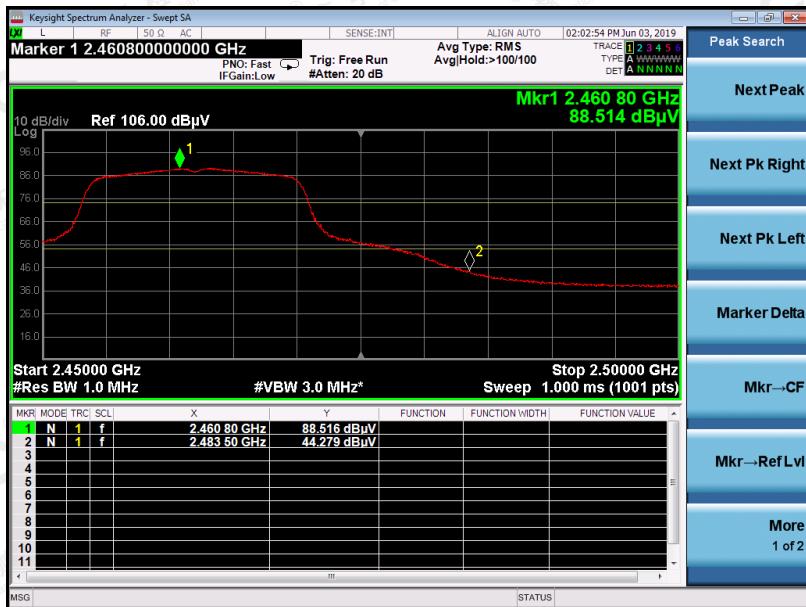


| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11g with data rate 6 2462MHz | Antenna | Vertical |

PK



AV



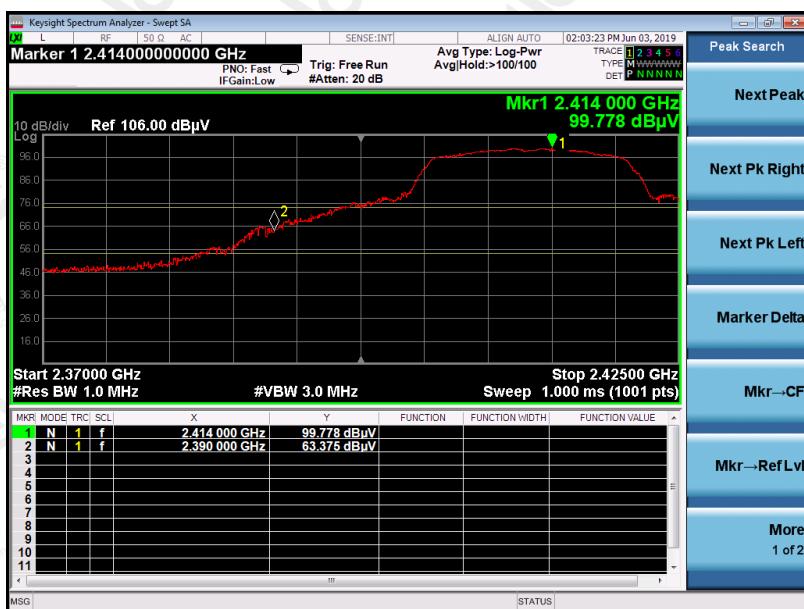
RESULT: PASS

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| | | | |
|--------------------|--|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 20 with data rate 6.5 2412MHZ | Antenna | Horizontal |

PK



AV



RESULT: PASS

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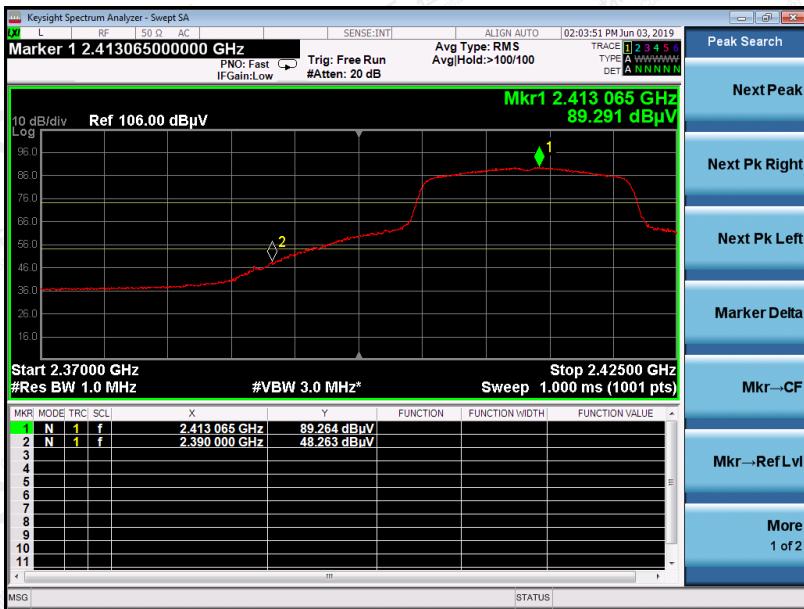


| | | | |
|--------------------|--|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 20 with data rate 6.5 2412MHZ | Antenna | Vertical |

PK



AV



RESULT: PASS

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| | | | |
|--------------------|--|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 20 with data rate 6.5 2462MHz | Antenna | Horizontal |

PK



AV



RESULT: PASS

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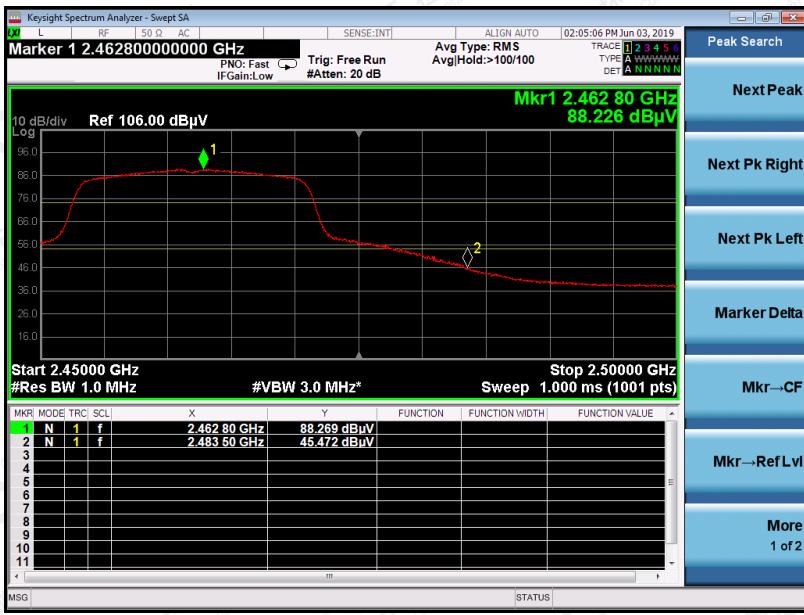


| | | | |
|--------------------|--|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 20 with data rate 6.5 2462MHz | Antenna | Vertical |

PK



AV



RESULT: PASS

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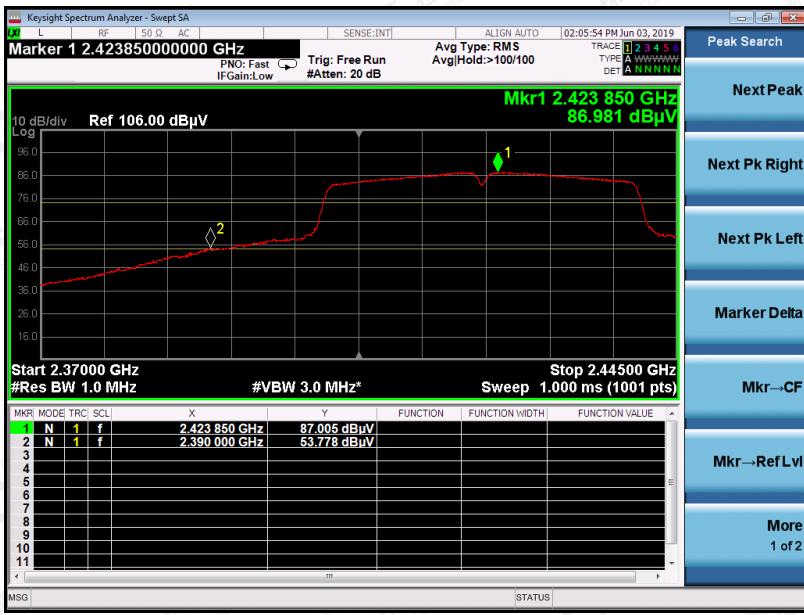


| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 40 with data rate 13.5 2422MHz | Antenna | Horizontal |

PK



AV



RESULT: PASS

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| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 40 with data rate 13.5 2422MHz | Antenna | Vertical |

PK



AV



RESULT: PASS

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| | | | |
|--------------------|--|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 40with data rate 13.5 2452MHZ | Antenna | Horizontal |

PK



AV

**RESULT: PASS**

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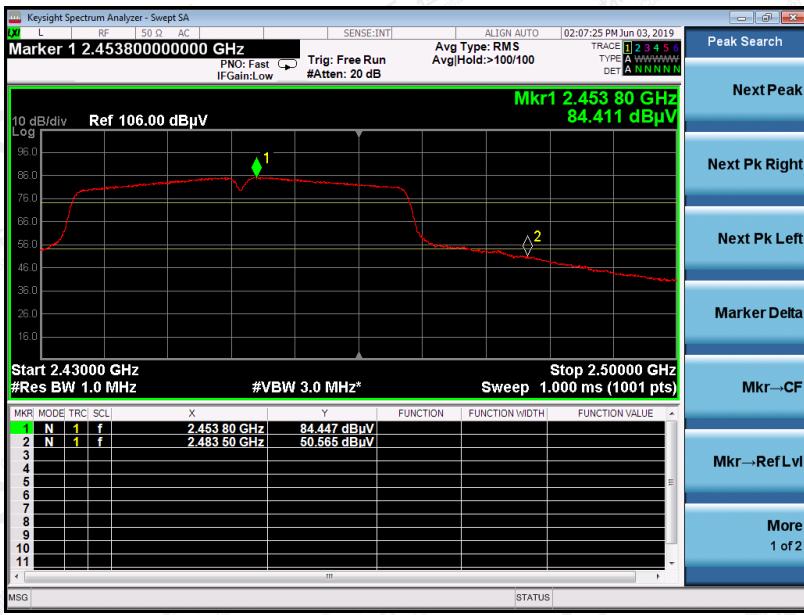


| | | | |
|--------------------|---|--------------------------|----------------|
| EUT | 1080P WiFi Smart Home Monitoring System | Model Name | GT4027 |
| Temperature | 25°C | Relative Humidity | 55.4% |
| Pressure | 960hPa | Test Voltage | Normal Voltage |
| Test Mode | 802.11n 40 with data rate 13.5 2452MHz | Antenna | Vertical |

PK



AV



RESULT: PASS

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13. FCC LINE CONDUCTED EMISSION TEST

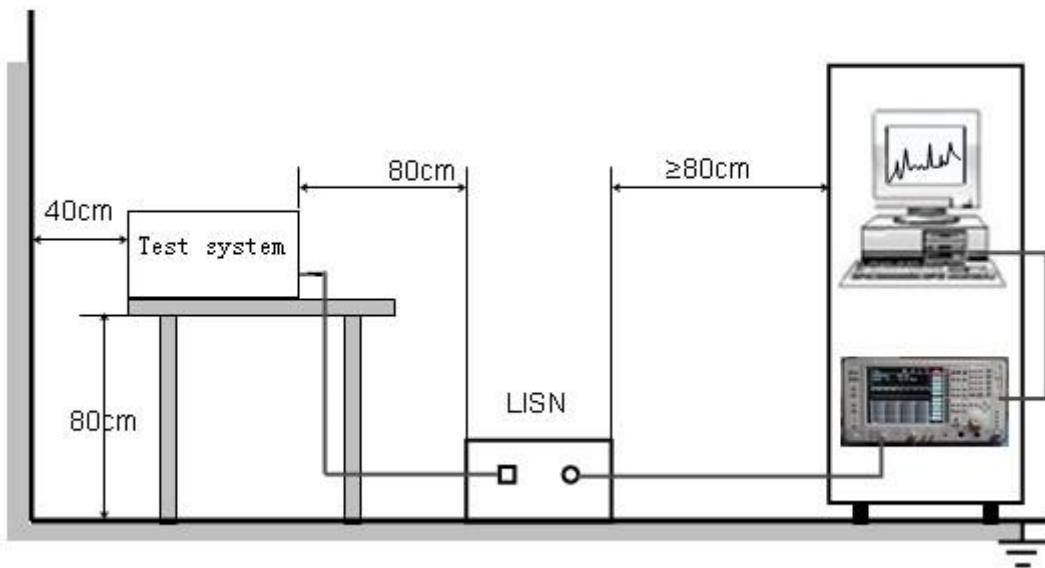
13.1. LIMITS OF LINE CONDUCTED EMISSION TEST

| Frequency | Maximum RF Line Voltage | |
|---------------|-------------------------|----------------|
| | 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.

13.2. BLOCK DIAGRAM OF TEST SETUP



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13.3. PROCEDURE OF LINE CONDUCTED EMISSION TEST

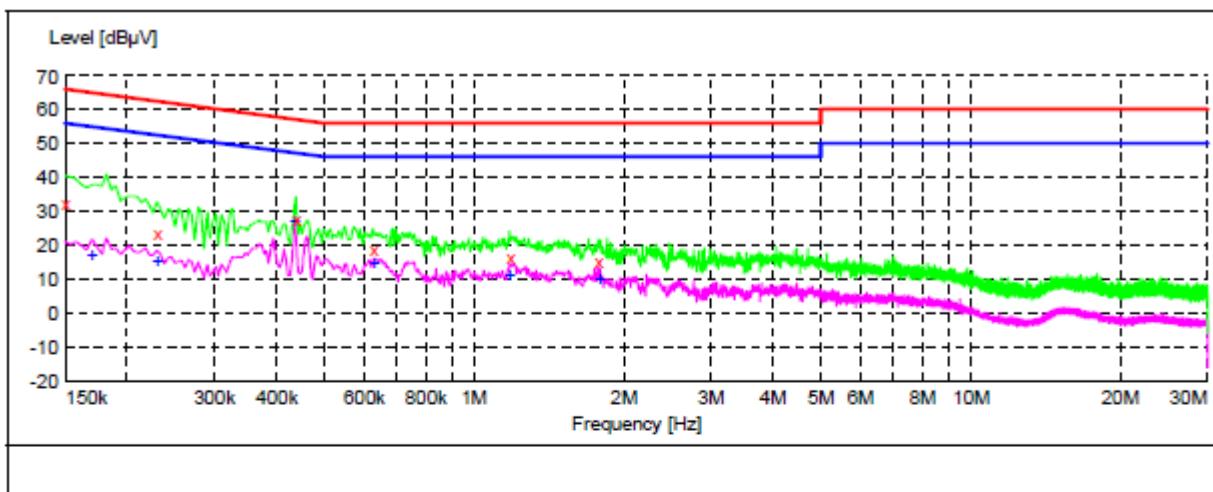
- (1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the 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) The EUT received AC120V/60Hz power from a LISN.
- (5) The EUT 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.
- (6) Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- (7) During the above scans, the emissions were maximized by cable manipulation.
- (8) A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions.
- (9) 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.

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13.4. TEST RESULT OF LINE CONDUCTED EMISSION TEST

LINE CONDUCTED EMISSION TEST-L1



MEASUREMENT RESULT: "TEST_fin"

| Frequency MHz | Level dB μ V | Transd dB | Limit dB μ V | Margin dB | Detector | Line | PE |
|------------------|---------------------|--------------|---------------------|--------------|----------|------|-----|
| 0.150000 | 32.30 | 10.8 | 66 | 33.7 | QP | L1 | FLO |
| 0.230000 | 23.60 | 10.9 | 62 | 38.8 | QP | L1 | FLO |
| 0.438000 | 28.00 | 10.7 | 57 | 29.1 | QP | L1 | FLO |
| 0.626000 | 18.80 | 10.6 | 56 | 37.2 | QP | L1 | FLO |
| 1.182000 | 16.50 | 11.5 | 56 | 39.5 | QP | L1 | FLO |
| 1.782000 | 15.30 | 11.5 | 56 | 40.7 | QP | L1 | FLO |

MEASUREMENT RESULT: "TEST_fin2"

| Frequency MHz | Level dB μ V | Transd dB | Limit dB μ V | Margin dB | Detector | Line | PE |
|------------------|---------------------|--------------|---------------------|--------------|----------|------|-----|
| 0.170000 | 17.40 | 10.8 | 55 | 37.6 | AV | L1 | FLO |
| 0.230000 | 15.50 | 10.9 | 52 | 36.9 | AV | L1 | FLO |
| 0.434000 | 26.90 | 10.6 | 47 | 20.3 | AV | L1 | FLO |
| 0.630000 | 14.50 | 10.6 | 46 | 31.5 | AV | L1 | FLO |
| 1.182000 | 11.40 | 11.5 | 46 | 34.6 | AV | L1 | FLO |
| 1.786000 | 10.10 | 11.5 | 46 | 35.9 | AV | L1 | FLO |

RESULT: PASS

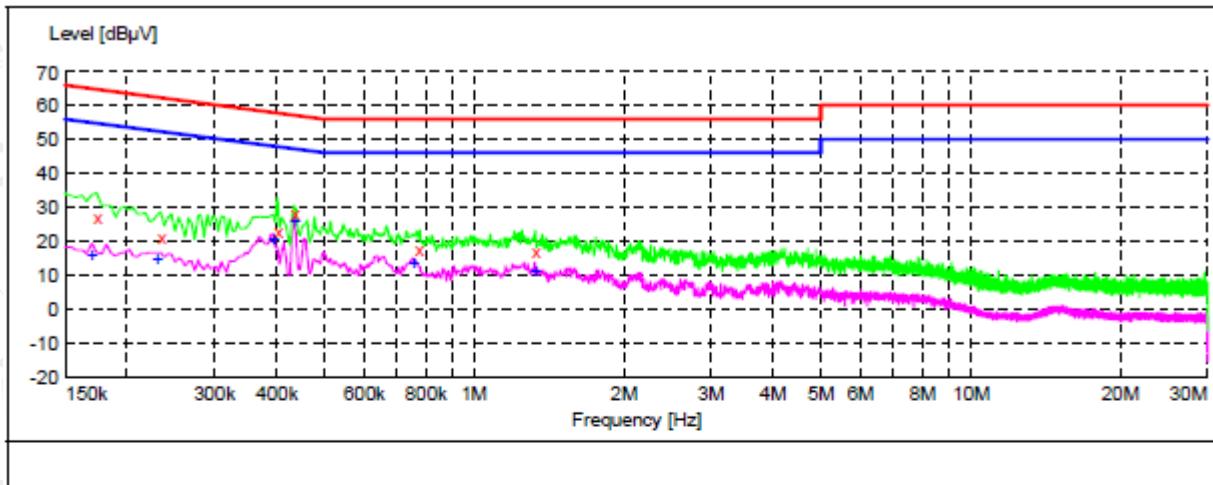
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Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

LINE CONDUCTED EMISSION TEST-N



MEASUREMENT RESULT: "TEST_fin"

| Frequency MHz | Level dB μ V | Transd dB | Limit dB μ V | Margin dB | Detector | Line | PE |
|------------------|---------------------|--------------|---------------------|--------------|----------|------|-----|
| 0.174000 | 27.00 | 10.9 | 65 | 37.8 | QP | N | FLO |
| 0.234000 | 21.10 | 10.9 | 62 | 41.2 | QP | N | FLO |
| 0.402000 | 23.40 | 10.3 | 58 | 34.4 | QP | N | FLO |
| 0.434000 | 28.20 | 10.6 | 57 | 29.0 | QP | N | FLO |
| 0.774000 | 17.90 | 10.6 | 56 | 38.1 | QP | N | FLO |
| 1.326000 | 17.10 | 11.5 | 56 | 38.9 | QP | N | FLO |

MEASUREMENT RESULT: "TEST_fin2"

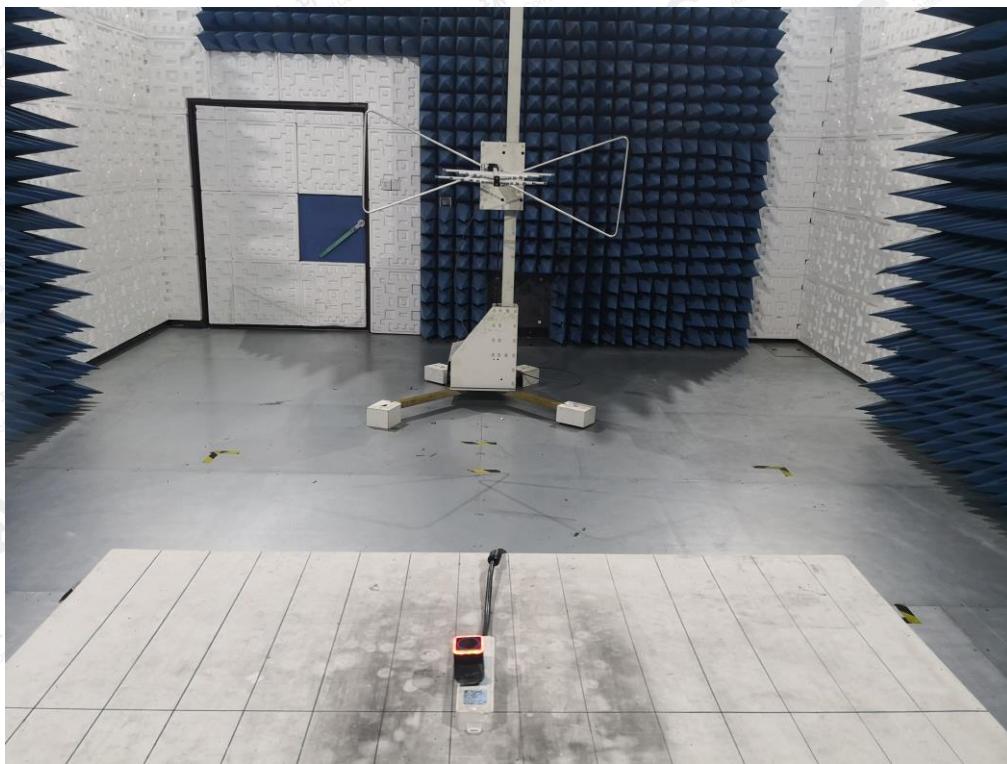
| Frequency MHz | Level dB μ V | Transd dB | Limit dB μ V | Margin dB | Detector | Line | PE |
|------------------|---------------------|--------------|---------------------|--------------|----------|------|-----|
| 0.170000 | 15.80 | 10.8 | 55 | 39.2 | AV | N | FLO |
| 0.230000 | 15.10 | 10.9 | 52 | 37.3 | AV | N | FLO |
| 0.394000 | 20.30 | 10.3 | 48 | 27.7 | AV | N | FLO |
| 0.434000 | 26.10 | 10.6 | 47 | 21.1 | AV | N | FLO |
| 0.754000 | 13.50 | 10.6 | 46 | 32.5 | AV | N | FLO |
| 1.326000 | 11.30 | 11.5 | 46 | 34.7 | AV | N | FLO |

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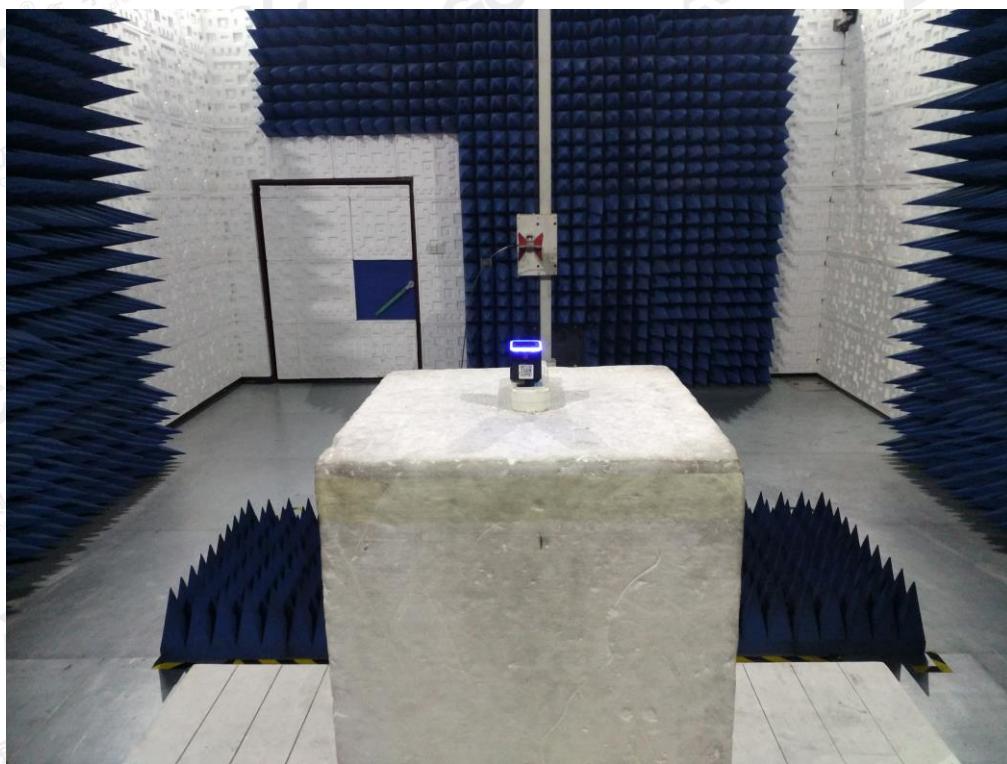


APPENDIX A: PHOTOGRAPHS OF TEST SETUP

FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



FCC RADIATED EMISSION TEST SETUP ABOVE 1GHZ



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FCC CONDUCTED EMISSION TEST SETUP

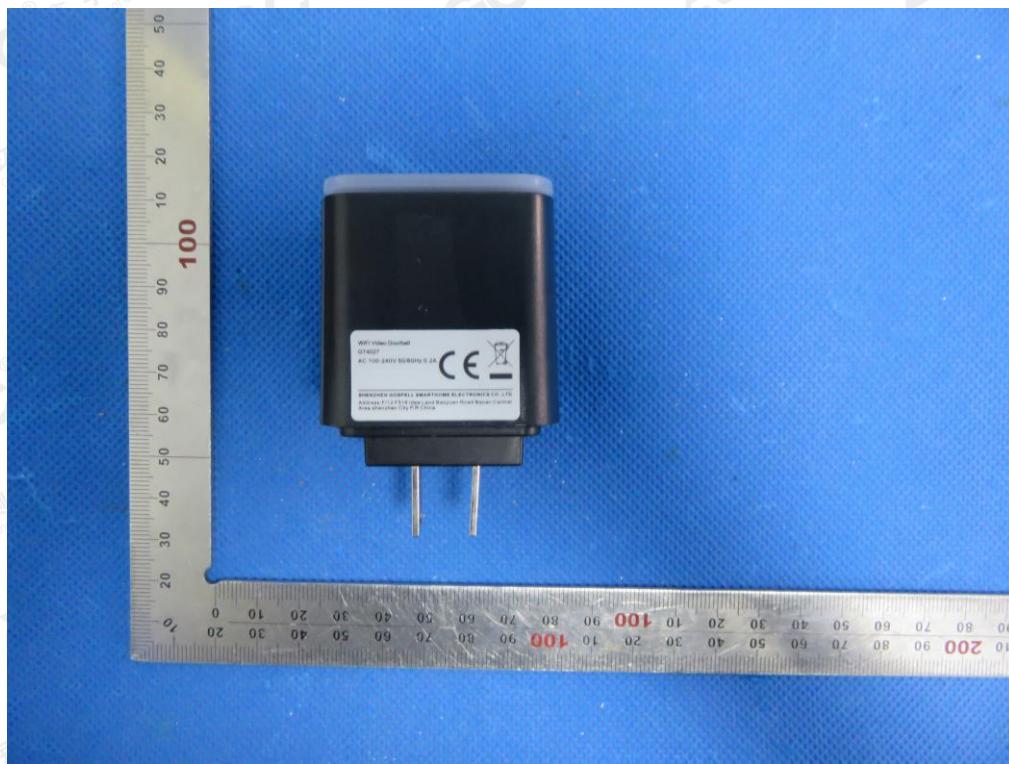


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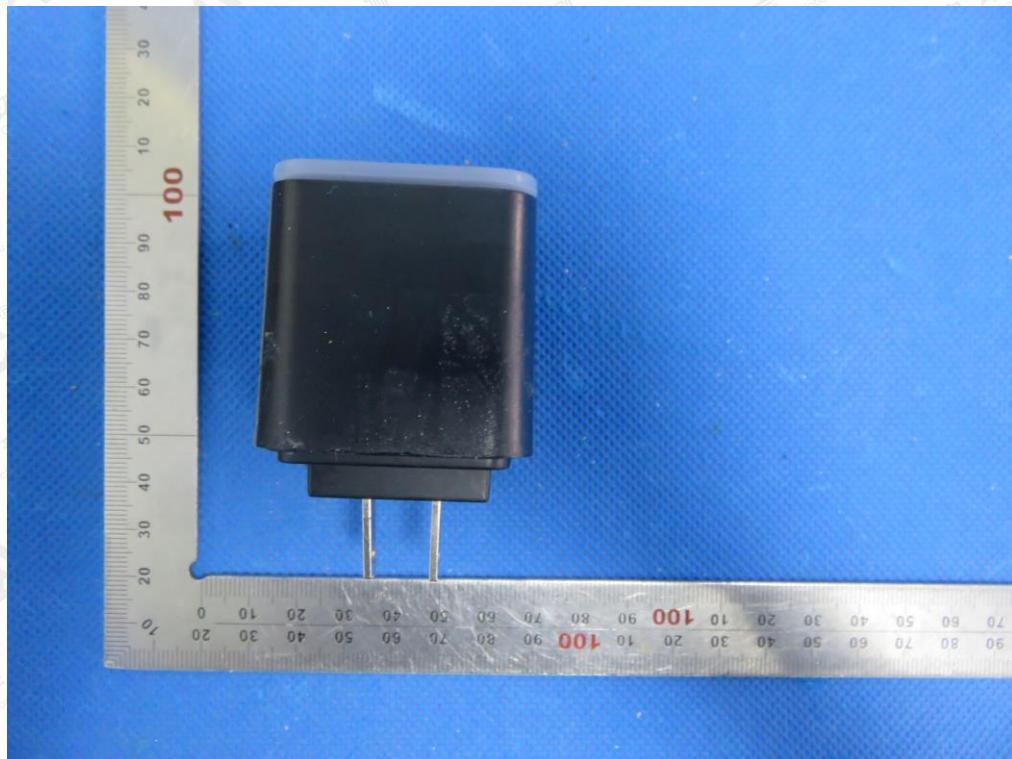
Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com 400 089 2118
Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

APPENDIX B: PHOTOGRAPHS OF EUT**ALL VIEW OF EUT****TOP VIEW OF EUT**

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BOTTOM VIEW OF EUT



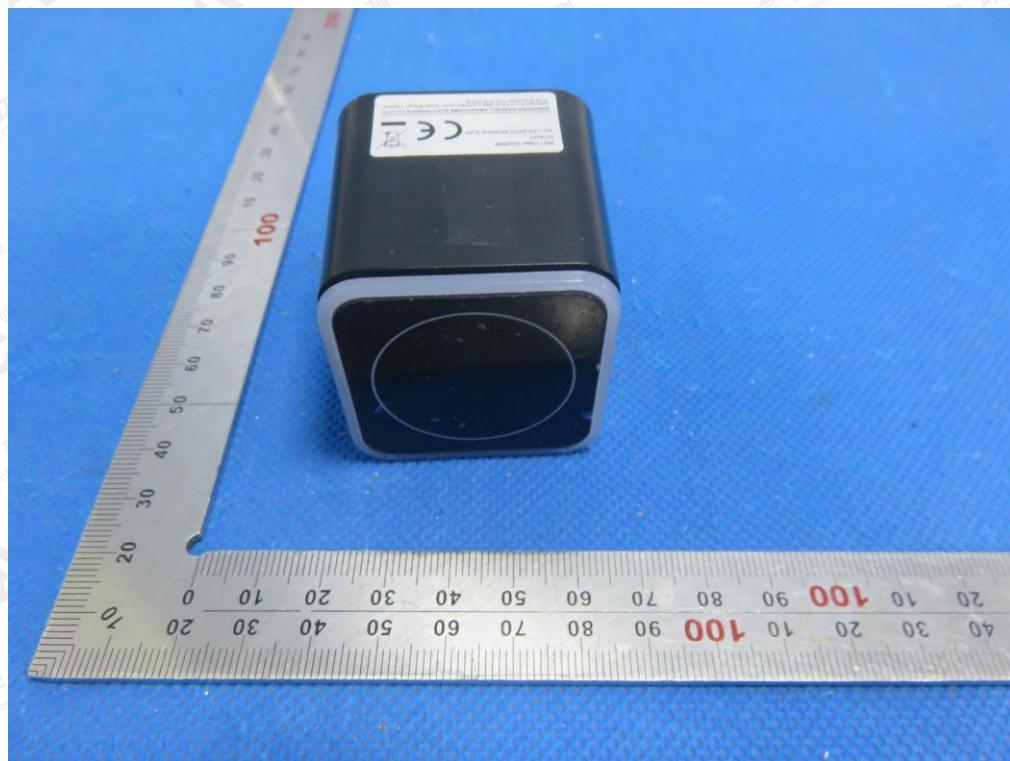
FRONT VIEW OF EUT



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BACK VIEW OF EUT



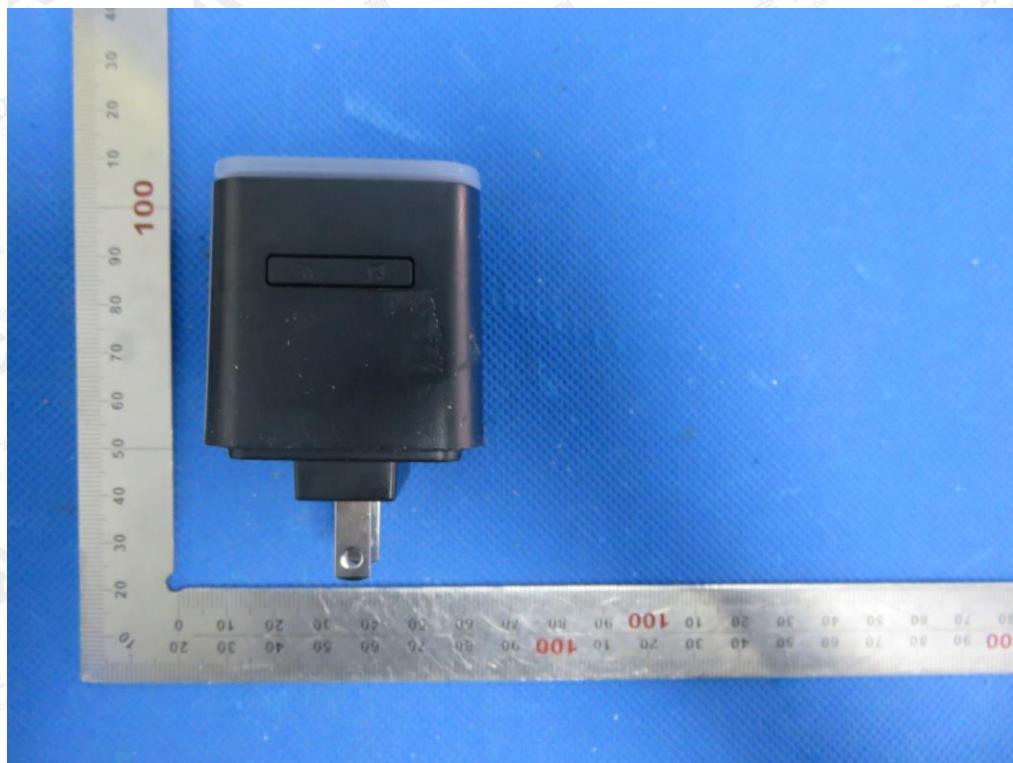
LEFT VIEW OF EUT



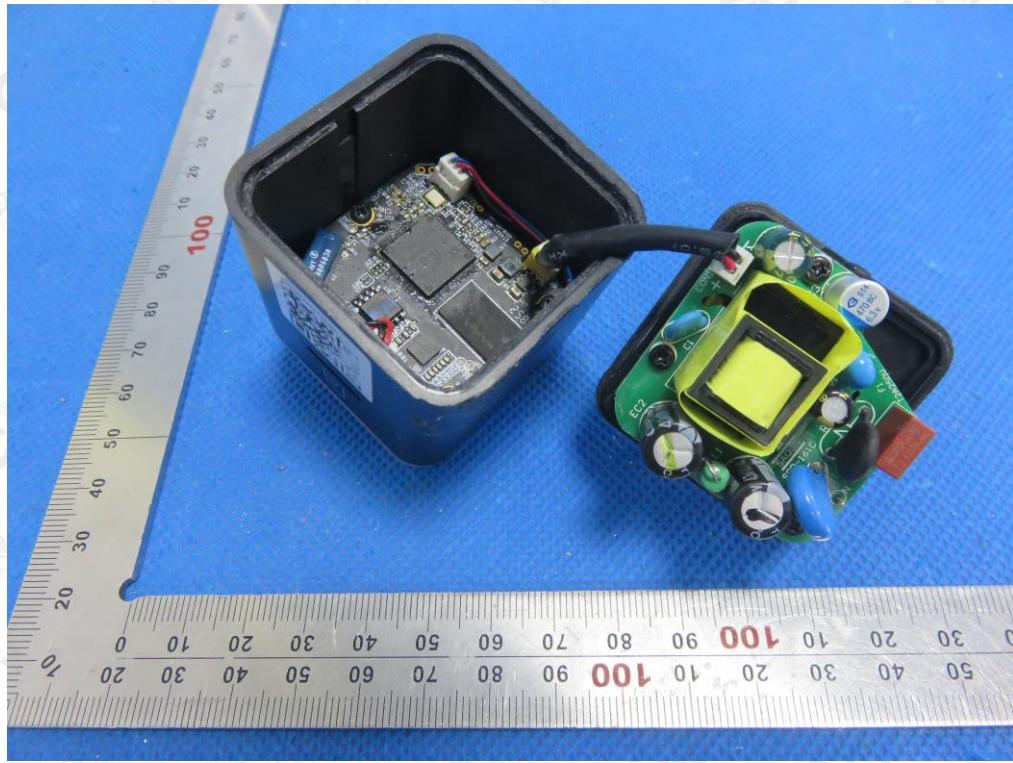
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RIGHT VIEW OF EUT



OPEN VIEW OF EUT-1



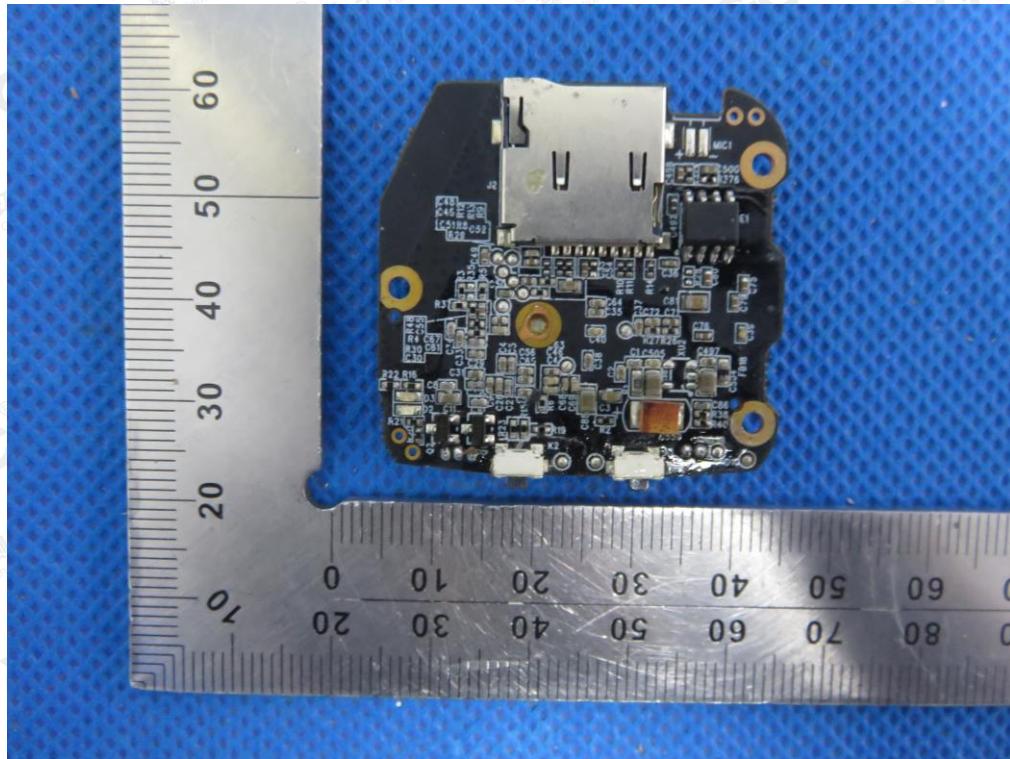
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



OPEN VIEW OF EUT-2



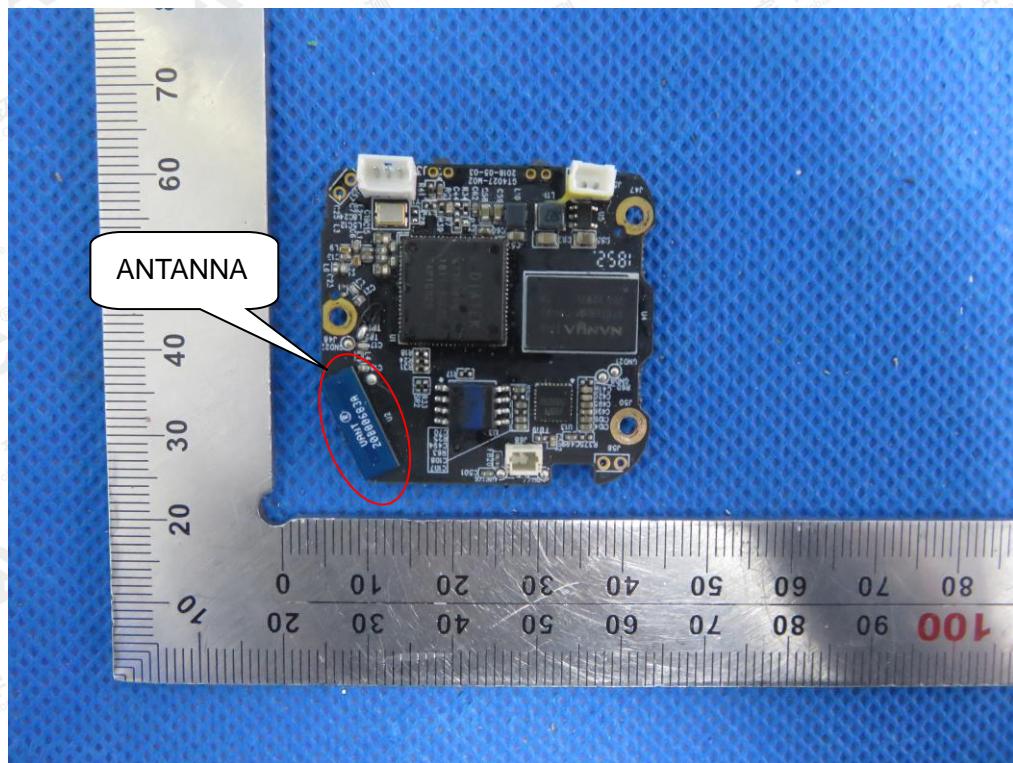
INTERNAL VIEW OF EUT-1



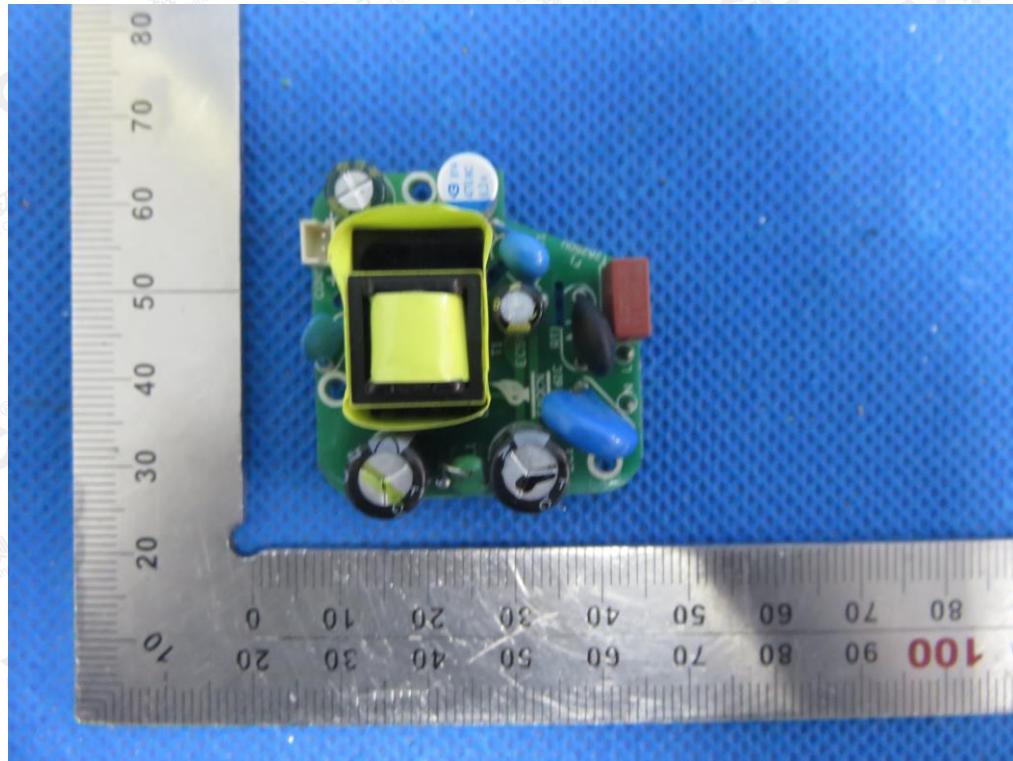
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



INTERNAL VIEW OF EUT-2



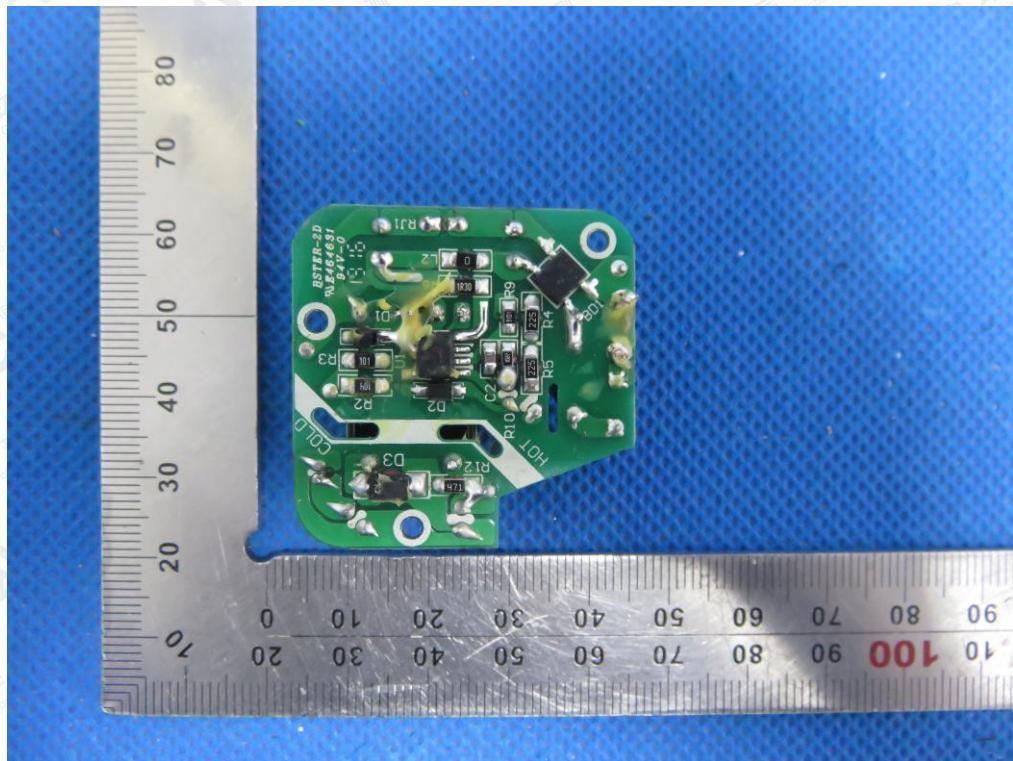
INTERNAL VIEW OF EUT-3



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INTERNAL VIEW OF EUT-4

**----END OF REPORT----**

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