

|                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                |                                                                                     |                                                                                       |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------|
| <b>Prüfbericht-Nr.:</b><br>Test report no.:                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>CN24R9GE 001</b>                                                                                                                                                            | <b>Auftrags-Nr.:</b><br>Order no.:                                                  | 168502147                                                                             | Seite 1 von 38<br>Page 1 of 38 |
| <b>Kunden-Referenz-Nr.:</b><br>Client reference no.:                                                                                                                                                                                                                                                                                                                                                                                                          | 2115062                                                                                                                                                                        | <b>Auftragsdatum:</b><br>Order date:                                                | 2024-08-22                                                                            |                                |
| <b>Auftraggeber:</b><br>Client:                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Guangzhou Shirui Electronics Co.,Ltd</b><br>192 Kezhu Road, Sciencetech Park, Guangzhou Economic & Technology Development District, Guangzhou, 510663 Guangdong, P.R. China |                                                                                     |                                                                                       |                                |
| <b>Prüfgegenstand:</b><br>Test item:                                                                                                                                                                                                                                                                                                                                                                                                                          | LCD MONITOR                                                                                                                                                                    |                                                                                     |                                                                                       |                                |
| <b>Bezeichnung / Typ-Nr.:</b><br>Identification / Type no.:                                                                                                                                                                                                                                                                                                                                                                                                   | PN-ME862                                                                                                                                                                       |                                                                                     |                                                                                       |                                |
| <b>Auftrags-Inhalt:</b><br>Order content:                                                                                                                                                                                                                                                                                                                                                                                                                     | TÜV Rheinland - EMC service                                                                                                                                                    |                                                                                     |                                                                                       |                                |
| <b>Prüfgrundlage:</b><br>Test specification:                                                                                                                                                                                                                                                                                                                                                                                                                  | EN 55032:2015+A11:2020+A1:2020<br>EN 55035:2017+A11:2020<br>EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-2:2014<br>EN 61000-3-3:2013+A1:2019+A2:2021, EN 61000-3-3:2013           |                                                                                     |                                                                                       |                                |
| <b>Wareneingangsdatum:</b><br>Date of sample receipt:                                                                                                                                                                                                                                                                                                                                                                                                         | 2024-08-22                                                                                                                                                                     |  |                                                                                       |                                |
| <b>Prüfmuster-Nr.:</b><br>Test sample no.:                                                                                                                                                                                                                                                                                                                                                                                                                    | A003798156-002                                                                                                                                                                 |                                                                                     |                                                                                       |                                |
| <b>Prüfzeitraum:</b><br>Testing period:                                                                                                                                                                                                                                                                                                                                                                                                                       | Refer to test report                                                                                                                                                           |                                                                                     |                                                                                       |                                |
| <b>Ort der Prüfung:</b><br>Place of testing:                                                                                                                                                                                                                                                                                                                                                                                                                  | Refer to section 2.1                                                                                                                                                           |                                                                                     |                                                                                       |                                |
| <b>Prüflaboratorium:</b><br>Testing laboratory:                                                                                                                                                                                                                                                                                                                                                                                                               | TÜV Rheinland (Shenzhen) Co., Ltd.                                                                                                                                             |                                                                                     |                                                                                       |                                |
| <b>Prüfergebnis*:</b><br>Test result*:                                                                                                                                                                                                                                                                                                                                                                                                                        | Pass                                                                                                                                                                           |                                                                                     |                                                                                       |                                |
| <b>geprüft von:</b><br>tested by: Felix Tao                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                             | <b>genehmigt von:</b><br>authorized by: Gary Chen                                   |  |                                |
| <b>Datum:</b><br>Date: 2024-10-18                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                | <b>Ausstellungsdatum:</b><br>Issue date: 2024-10-18                                 |                                                                                       |                                |
| <b>Stellung / Position:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | Assistant Manager                                                                                                                                                              | <b>Stellung / Position:</b>                                                         | Reviewer                                                                              |                                |
| <b>Sonstiges / Other:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | The CE, RE and RS tests were performed in EMTEK (Shenzhen) Co., Ltd.<br>The EUT can comply with the above mentioned requirements.                                              |                                                                                     |                                                                                       |                                |
| <b>Zustand des Prüfgegenstandes bei Anlieferung:</b><br>Condition of the test item at delivery:                                                                                                                                                                                                                                                                                                                                                               | Prüfmuster vollständig und unbeschädigt<br>Test item complete and undamaged                                                                                                    |                                                                                     |                                                                                       |                                |
| * Legende:                                                                                                                                                                                                                                                                                                                                                                                                                                                    | P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet                                           |                                                                                     |                                                                                       |                                |
| * Legend:                                                                                                                                                                                                                                                                                                                                                                                                                                                     | P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested                                                    |                                                                                     |                                                                                       |                                |
| <b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b><br>This test report only relates to the above mentioned 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. |                                                                                                                                                                                |                                                                                     |                                                                                       |                                |

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>Prüfbericht - Nr.:</b><br><i>Test Report No.</i> | <b>CN24R9GE 001</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Seite 2 von 38</b><br><i>Page 2 of 38</i> |
| <b>Anmerkungen</b><br><i>Remarks</i>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
| <b>1</b>                                            | <p>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.<br/>         Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                              |
| <b>2</b>                                            | <p>Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: <a href="http://go.tuv.com/digital-signature">go.tuv.com/digital-signature</a></p> <p><i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: <a href="http://go.tuv.com/digital-signature">go.tuv.com/digital-signature</a></i></p> |                                              |
| <b>3</b>                                            | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.<br/>         Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i><br/> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                              |
| <b>4</b>                                            | <p>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</p> <p><i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i></p>                                                                                                                                                                                                                                                                                       |                                              |

## TEST SUMMARY

### **5.1.1 HARMONICS ON AC MAINS**

RESULT: Pass

### **5.1.2 VOLTAGE FLUCTUATIONS ON AC MAINS**

RESULT: Pass

### **5.1.3 MAINS TERMINAL CONTINUOUS DISTURBANCE VOLTAGE**

RESULT: Pass

### **5.1.4 ASYMMETRIC MODE CONDUCTED EMISSIONS ON WIRED NETWORK PORT**

RESULT: Pass

### **5.2.1 RADIATED EMISSION (BELOW 1GHz)**

RESULT: Pass

### **5.2.2 RADIATED EMISSION (ABOVE 1GHz)**

RESULT: Pass

### **6.2.1 CONTINUOUS RF ELECTROMAGNETIC FIELD DISTURBANCES, SWEPT TEST**

RESULT: Pass

### **6.2.2 CONTINUOUS RF ELECTROMAGNETIC FIELD DISTURBANCES, SPOT TEST**

RESULT: Pass

### **6.2.3 RADIO-FREQUENCY CONTINUOUS CONDUCTED (CS)**

RESULT: Pass

### **6.3.1 FAST TRANSIENTS (EFT)**

RESULT: Pass

### **6.3.2 SURGE**

RESULT: Pass

### **6.3.3 ELECTROSTATIC DISCHARGES (ESD)**

RESULT: Pass

### **6.4.1 VOLTAGE DIP AND INTERRUPTIONS**

RESULT: Pass

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## **1. General Remarks**

### **1.1 Complementary Materials**

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test results

Appendix 2: Measurement uncertainties

## **2. Test Sites**

### **2.1 Test Facilities**

TÜV Rheinland (Shenzhen) Co., Ltd. Testing Center (A2LA Certificate Number: 5162.01)  
No. 362 Huanguan Road Middle, Longhua District, 518110, Shenzhen, P.R. China

EMTEK (Shenzhen) Co., Ltd. \* (A2LA Certificate Number: 4321.01)  
Bldg. 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, 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**

| Kind of Equipment                                     | Manufacturer           | Type               | S/N                | Calibrated until |
|-------------------------------------------------------|------------------------|--------------------|--------------------|------------------|
| <b>Conducted Emission (CE) (EMTEK)</b>                |                        |                    |                    |                  |
| EMI Test Receiver                                     | Rohde & Schwarz        | ESCI               | 101384             | 2025-05-10       |
| AMN                                                   | Rohde & Schwarz        | ENV216             | 101161             | 2025-05-09       |
| AMN                                                   | Kyoritsu               | KNW-407            | 8-1492-9           | 2025-05-10       |
| AAN                                                   | TESEQ                  | ISN T8-CAT6        | 32186              | 2025-05-11       |
| AAN                                                   | TESEQ                  | ISN T800           | 30327              | 2024-11-09       |
| <b>Radiated Emission (10m Chamber) (RE) (EMTEK)</b>   |                        |                    |                    |                  |
| Bilog Antenna                                         | Schwarzbeck            | VULB9163           | 659                | 2025-08-31       |
| Bilog Antenna                                         | Schwarzbeck            | VULB9163           | 712                | 2025-07-01       |
| EMI Test Receiver                                     | Rohde & Schwarz        | ESR3               | 101707             | 2025-05-10       |
| EMI Test Receiver                                     | Rohde & Schwarz        | ESR3               | 101706             | 2025-05-10       |
| Pre-Amplifier                                         | Lunar EM               | LNA10M1G-40        | J101113112600<br>1 | 2025-05-10       |
| Pre-Amplifier                                         | Lunar EM               | LNA10M1G-40        | J101113112600<br>2 | 2025-05-10       |
| <b>Radiated Emission (3m Chamber) (RE) (EMTEK)</b>    |                        |                    |                    |                  |
| Pre-Amplifier                                         | HP                     | 8447F              | 2944A07999         | 2025-05-10       |
| EMI Test Receiver                                     | Rohde & Schwarz        | ESCI               | 101414             | 2025-05-10       |
| Bilog Antenna                                         | Schwarzbeck            | VULB9163           | 141                | 2026-06-14       |
| Horn Antenna                                          | Schwarzbeck            | BBHA9120D          | 9120D-1177         | 2025-05-11       |
| Pre-Amplifie                                          | Bonn                   | BLMA0118-5G        | 2213967B-02        | 2024-10-22       |
| Spectrum Analyzer                                     | Rohde & Schwarz        | FSV40              | 100967             | 2025-05-09       |
| Horn Antenna                                          | Schwarzbeck            | BBHA9170           | 9170-399           | 2025-05-11       |
| Pre-Amplifie                                          | Lunar EM               | LNA18G26-40        | J101213101000<br>1 | 2025-05-10       |
| Pre-Amplifie                                          | Lunar EM               | LNA26G40-40        | J101313102800<br>1 | 2025-05-10       |
| <b>Harmonics &amp; Flicker (TÜV)</b>                  |                        |                    |                    |                  |
| AC Power Source                                       | California Instruments | 5001iX-CTS-400-413 | 1827A00145         | 2025-07-22       |
| Harmonics/voltage Fluctuation and Flicker Test System | California Instruments | 100-CTS-230        | 1827A00144         | 2025-07-22       |
| <b>Electrostatic Discharges (ESD) (TÜV)</b>           |                        |                    |                    |                  |

| Kind of Equipment                                                             | Manufacturer    | Type                      | S/N           | Calibrated until |
|-------------------------------------------------------------------------------|-----------------|---------------------------|---------------|------------------|
| ESD Tester                                                                    | EMTEST          | NX30.1                    | 11896         | 2025-02-29       |
| <b>Radio-Frequency Electromagnetic Field Amplitude Modulated (RS) (EMTEK)</b> |                 |                           |               |                  |
| Power Amplifier                                                               | MILMEGA         | AS0102-55                 | 1018770       | 2025-05-10       |
| RF Power Meter. Dual Channel                                                  | BOONTON         | 4232A                     | 10539         | 2025-05-10       |
| Log.-Per. Antenna                                                             | Schwarzbeck     | STLP 9129-7/16            | 3050          | 2025-05-10       |
| Signal Generator                                                              | Agilent         | N5181A                    | MY50145187    | 2025-05-10       |
| 50ohm Diode Power Sensor                                                      | BOONTON         | 51011EMC                  | 36164         | 2025-05-10       |
| Field Strength Meter                                                          | DARE            | RSS1006A                  | 10I00037SNO22 | 2025-05-19       |
| Multi-function interface system                                               | DARE            | CTR1009B                  | 12I00250SNO72 | N/A              |
| Automatic switch group                                                        | DARE            | RSW1004A                  | N/A           | N/A              |
| Power Amplifier                                                               | MILMEGA         | AS1860-50                 | 1059346       | 2025-05-10       |
| Power Amplifier                                                               | Vectawave       | VBA 1000-600C             | 133627        | 2024-10-22       |
| Directional Coupler                                                           | BONN            | BDC 0810-50/1500          | 2229689       | 2024-10-22       |
| Matched Impedance                                                             | EMTEK           | EE406-5                   | N/A           | N/A              |
| Audio Analyzer                                                                | Rohde & Schwarz | UPV                       | 101473        | 2025-05-10       |
| <b>EFT, Surge, Voltage Dips and Interruptions (TÜV)</b>                       |                 |                           |               |                  |
| EFT/Surge/Voltage Dips & Interruption Main Test Unit                          | EMTest          | compact NX5 bspt-1-300-16 | P1807214329   | 2025-07-22       |
| Capacitive Coupling Clamp                                                     | EMTest          | CCI                       | P1827221599   | 2025-07-22       |
| Variac                                                                        | EMTest          | Variac NX-1-260-16        | P1828221789   | 2025-07-22       |
| Coupling Decoupling Network for Telecommunication port                        | EMTest          | CNV508T5                  | P1806214115   | 2025-07-22       |
| <b>Radio-Frequency Continuous Conducted (CS) (TÜV)</b>                        |                 |                           |               |                  |
| Conducted Immunity Test System                                                | Teseq           | NSG 4070                  | 51350         | 2025-07-22       |
| 6 dB Attenuator                                                               | Teseq           | 100W6dB                   | /             | 2025-07-22       |
| CDN                                                                           | Teseq           | CDN M016                  | 51055         | 2025-07-22       |
| CDN                                                                           | Teseq           | CDN T800                  | 49430         | 2025-07-22       |
| EM Clamp                                                                      | Teseq           | KEMZ 801A                 | 51287         | 2025-02-22       |
| Audio Analyzer                                                                | R&S             | UPV                       | 104669        | 2025-02-22       |
| ABT-SET - artificial ear                                                      | B&K             | 4185                      | 1105          | 2025-02-22       |
| ABT-SET - artificial mouth                                                    | B&K             | 4227                      | 1106          | 2025-02-22       |

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| Kind of Equipment          | Manufacturer | Type     | S/N  | Calibrated until |
|----------------------------|--------------|----------|------|------------------|
| ABT-SET - Microphone       | B&K          | 4182     | 1107 | 2025-02-22       |
| ABT-SET – Audio calibrator | B&K          | 4231     | 1108 | 2025-02-22       |
| ABT-SET – Audio amplifier  | B&K          | 2690-0S2 | 1109 | 2025-02-22       |

## 3. General Product Information

### 3.1 Product Function and Intended Use

The **EUT** (**E**quipment **U**nder **T**est) is LCD MONITOR used for multimedia equipment. (max. 4K resolution signal input)

For more information refer to the instruction manual.

### 3.2 Ratings and System Details

|                             |             |
|-----------------------------|-------------|
| System input voltage:       | AC 100-240V |
| Frequency:                  | 50/60Hz     |
| Rated input current:        | 3.9-1.6A    |
| Protection class:           | I           |
| Highest internal frequency: | Fx<3.5GHz   |

### 3.3 Independent Operation Modes

The basic operation modes are:

- A. On (Color bars with moving picture element or "H" Pattern)
  - 1. HDMI mode (HDMI 1/2/3)
  - 2. USB mode (USB1/2/3, USB Type-C)
  - 3. RS-232C mode
  - 4. LAN mode
- B. Standby
- C. Off

### 3.4 Input / Output Ports

| Port #                                                                                                                                                                       | Name             | Type* | Cable Max. >3m | Cable Shielded | Comments |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|----------------|----------------|----------|
| 0                                                                                                                                                                            | Enclosure        | N/E   | —              | —              | None     |
| 1                                                                                                                                                                            | AC Mains         | AC    | No             | Unshielded     | None     |
| 2                                                                                                                                                                            | HDMI 1/2/3 Input | I/O   | No             | Shielded       | None     |
| 3                                                                                                                                                                            | USB1/2/3         | I/O   | No             | Shielded       | None     |
| 4                                                                                                                                                                            | USB Type-C       | I/O   | No             | Shielded       | None     |
| 5                                                                                                                                                                            | LAN              | TP    | No             | Unshielded     | None     |
| 6                                                                                                                                                                            | Optical Output   | I/O   | No             | Unshielded     | None     |
| 7                                                                                                                                                                            | RS-232C In       | I/O   | No             | Shielded       | None     |
| 8                                                                                                                                                                            | Audio Out        | I/O   | No             | Shielded       | None     |
| 9                                                                                                                                                                            | Remote In        | I/O   | No             | Unshielded     | None     |
| *AC = AC Power Port      DC = DC Power Port      N/E = Non-Electrical<br>I/O = Signal Input or Output Port (Not Involved in Process Control)<br>TP = Telecommunication Ports |                  |       |                |                |          |

### 3.5 Noise Generating and Noise Suppressing Parts

**Sources of Interference:**

- 1) IC Circuits
- 2) Transformer

Others refer to the Circuit Diagram/Photo Document for details.

**Noise Suppressing Parts:**

- 1) Inductor
- 2) Capacitor

Others refer to Circuit Diagram/Photo Document for details.

### **3.6 Submitted Documents**

- Circuit Diagram
- Rating Label
- PCB Layout
- Instruction Manual

## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

**Immunity:** The equipment under test (EUT) was configured to have its highest possible susceptibility against the tested phenomena. 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 section 5 & 6.  
Pre-test in all operation modes, and find out the worst case for compliance test.

### 4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

| Kind of Equipment | Manufacturer | Type                | S/N                      |
|-------------------|--------------|---------------------|--------------------------|
| Laptop            | Lenovo       | ThinkPad T14        | PF2V5EB6                 |
| PC                | Lenovo       | ThinkCenter M910t   | M70760G2                 |
| USB Flash Drive   | Kingston     | --                  | --                       |
| USB Flash Drive   | SanDisk      | MSIP-REM-TAD-CDCZ73 | BL200926210Z             |
| Loudspeaker       | INSIGNIA     | NS-HTSB20S          | --                       |
| Simulator Board   | --           | --                  | --                       |
| Resistive Load    | --           | --                  | --                       |
| IR Box            | TPV          | KT-RC3              | --                       |
| Keyboard          | Lenovo       | K4800               | 1SGX30N46777Z176706 R 8B |
| Mouse             | DELL         | MS116t              | --                       |

The EUT was tested with following cables:

| Cable name | Length (m) | Shielded | Detachable | With ferrite core | Equipped (for marketing) |
|------------|------------|----------|------------|-------------------|--------------------------|
|------------|------------|----------|------------|-------------------|--------------------------|

|                |         |     |     |     |     |
|----------------|---------|-----|-----|-----|-----|
| AC Power Cord  | 1.8     | No  | Yes | No  | Yes |
| HDMI           | 3.2     | Yes | Yes | Yes | Yes |
| Optical Output | 1.8     | No  | Yes | No  | No  |
| LAN            | 1.8     | No  | Yes | No  | No  |
| Audio Output   | 1.5     | Yes | Yes | No  | No  |
| USB-A          | 1.5/1.8 | Yes | Yes | No  | No  |
| USB Type-C     | 1.0     | Yes | Yes | No  | No  |
| RS-232C        | 1.5     | Yes | Yes | No  | No  |
| Remote In      | 1.8     | No  | Yes | No  | No  |
| Loudspeaker    | 1.5     | No  | Yes | No  | No  |

## 4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

## 5. Test Results EMISSION

### 5.1 Emission in the Frequency Range up to 30 MHz

#### 5.1.1 Harmonics on AC Mains

**RESULT:****Pass**

|                 |   |                                     |
|-----------------|---|-------------------------------------|
| Date of testing | : | Refer to Appendix 1                 |
| Test procedure  | : | EN IEC 61000-3-2:2019+A1            |
| Class           | : | D                                   |
| Limit           | : | Table 3 of EN IEC 61000-3-2:2019+A1 |
| Harmonic order  | : | 3 - 39 (odd harmonics only)         |
| Tested Port     | : | AC Mains                            |

**Test setup**

|                     |   |                                                     |
|---------------------|---|-----------------------------------------------------|
| Input Voltage       | : | AC 230V±2%, 50Hz                                    |
| Operation Condition | : | According to Annex B.10 of EN IEC 61000-3-2:2019+A1 |
| Operation mode      | : | A                                                   |
| Earthing            | : | Connected                                           |

Detailed test data refer to attached Appendix 1.

## 5.1.2 Voltage Fluctuations on AC Mains

**RESULT:****Pass**

|                 |   |                                     |
|-----------------|---|-------------------------------------|
| Date of testing | : | Refer to Appendix 1                 |
| Test procedure  | : | EN 61000-3-3:2013+A1+A2             |
| Limit           | : | Clause 5 of EN 61000-3-3:2013+A1+A2 |
| Tested Port     | : | AC Mains                            |

**Test setup**

|                     |   |                                                    |
|---------------------|---|----------------------------------------------------|
| Input Voltage       | : | AC 230V $\pm$ 2%, 50Hz                             |
| Operation Condition | : | According to Clause 6.6 of EN 61000-3-3:2013+A1+A2 |
| Operation mode      | : | A                                                  |
| Earthing            | : | Connected                                          |

Detailed test data refer to attached Appendix 1.

### 5.1.3 Mains Terminal Continuous Disturbance Voltage

**RESULT:****Pass**

|                   |   |                                    |
|-------------------|---|------------------------------------|
| Date of testing   | : | Refer to Appendix 1                |
| Test standard     | : | EN 55032:2015+A11+A1               |
| Frequency range   | : | 0.15 - 30MHz                       |
| Classification    | : | Class B                            |
| Limits            | : | Table A.10 of EN 55032:2015+A11+A1 |
| Kind of test site | : | Shielded room                      |
| Tested Port       | : | AC Mains                           |

**Test setup**

|                      |   |                                              |
|----------------------|---|----------------------------------------------|
| Input Voltage        | : | Refer to Appendix 1                          |
| Operation Condition  | : | According to Annex D of EN 55032:2015+A11+A1 |
| Operation mode       | : | A, B                                         |
| Artificial hand      | : | Not applied                                  |
| Earthing             | : | Connected                                    |
| Ambient temperature  | : | Refer to Appendix 1                          |
| Relative humidity    | : | Refer to Appendix 1                          |
| Atmospheric pressure | : | 101kPa                                       |

Detailed test data refer to attached Appendix 1.

**5.1.4 Asymmetric Mode Conducted Emissions on Wired Network Port****RESULT:****Pass**

|                   |   |                                    |
|-------------------|---|------------------------------------|
| Date of testing   | : | Refer to Appendix 1                |
| Test standard     | : | EN 55032:2015+A11+A1               |
| Frequency range   | : | 0.15 - 30MHz                       |
| Classification    | : | Class B                            |
| Limits            | : | Table A.12 of EN 55032:2015+A11+A1 |
| Kind of test site | : | Shielded room                      |
| Tested Port       | : | LAN                                |

**Test setup**

|                      |   |                                              |
|----------------------|---|----------------------------------------------|
| Input Voltage        | : | Refer to Appendix 1                          |
| Operation Condition  | : | According to Annex D of EN 55032:2015+A11+A1 |
| Operation mode       | : | A, B                                         |
| Artificial hand      | : | Not applied                                  |
| Earthing             | : | Connected                                    |
| Ambient temperature  | : | Refer to Appendix 1                          |
| Relative humidity    | : | Refer to Appendix 1                          |
| Atmospheric pressure | : | 101kPa                                       |

Detailed test data refer to attached Appendix 1.

## 5.2 Emission in the Frequency Range above 30 MHz

### 5.2.1 Radiated Emission (Below 1GHz)

**RESULT:****Pass**

|                   |   |                                   |
|-------------------|---|-----------------------------------|
| Date of testing   | : | Refer to Appendix 1               |
| Test standard     | : | EN 55032:2015+A11+A1              |
| Frequency range   | : | 30 - 1000MHz                      |
| Classification    | : | Class B                           |
| Limits            | : | Table A.4 of EN 55032:2015+A11+A1 |
| Kind of test site | : | 10m Semi-anechoic chamber         |
| Tested Port       | : | Enclosure                         |

**Test setup:**

|                      |   |                                              |
|----------------------|---|----------------------------------------------|
| Input Voltage        | : | Refer to Appendix 1                          |
| Operation Condition  | : | According to Annex D of EN 55032:2015+A11+A1 |
| Operation mode       | : | A, B                                         |
| Earthing             | : | Connected                                    |
| Ambient temperature  | : | Refer to Appendix 1                          |
| Relative humidity    | : | Refer to Appendix 1                          |
| Atmospheric pressure | : | 101kPa                                       |

Method: Measurements were made in a 10-meter semi-anechoic chamber that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 meter below 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak detector below 1GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Detailed test data refer to attached Appendix 1.  
(The minimum margin is 2.40dB)

## 5.2.2 Radiated Emission (Above 1GHz)

**RESULT:****Pass**

|                   |   |                                                      |
|-------------------|---|------------------------------------------------------|
| Date of testing   | : | Refer to Appendix 1                                  |
| Test standard     | : | EN 55032:2015+A11+A1                                 |
| Frequency range   | : | 1 – 6GHz                                             |
| Classification    | : | Class B                                              |
| Limits            | : | Table A.5 of EN 55032:2015+A11+A1                    |
| Kind of test site | : | 3m Semi-Anechoic Chamber with RF absorber on the GRP |
| Tested Port       | : | Enclosure                                            |

**Test setup:**

|                      |   |                                              |
|----------------------|---|----------------------------------------------|
| Input Voltage        | : | Refer to Appendix 1                          |
| Operation Condition  | : | According to Annex D of EN 55032:2015+A11+A1 |
| Operation mode       | : | A, B                                         |
| Earthing             | : | Connected                                    |
| Ambient temperature  | : | Refer to Appendix 1                          |
| Relative humidity    | : | Refer to Appendix 1                          |
| Atmospheric pressure | : | 101kPa                                       |

Method: Measurements were made in a 3-meter semi-anechoic chamber that complies to CISPR 16. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements (quasi-peak detector below 1GHz) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.

Detailed test data refer to attached Appendix 1.

## 6. Test Results IMMUNITY

### 6.1 Classification of apparatus

According to EN 55035:2017+A11, the EUT shall be tested in accordance with clause 4 & 5, and comply with the performance criterion in table 1, 2 & 4 of clause 5.

#### Continuous Disturbance

|                                                                        |                    |
|------------------------------------------------------------------------|--------------------|
| Continuous RF electromagnetic field disturbances swept test, spot test | <b>Criterion A</b> |
| Radio-Frequency Continuous Conducted                                   | <b>Criterion A</b> |
| Power Frequency Magnetic Fields *                                      | <b>Criterion A</b> |

#### Transient Disturbance

|                                |                       |
|--------------------------------|-----------------------|
| Fast Transients (EFT)          | <b>Criterion B</b>    |
| Surge                          | <b>Criterion B, C</b> |
| Electrostatic Discharges (ESD) | <b>Criterion B</b>    |

#### Power supply Alterations

|                                                            |                    |
|------------------------------------------------------------|--------------------|
| Voltage Dips, >95% reduction, 0.5 period                   | <b>Criterion B</b> |
| 30% reduction, 25 periods at 50Hz                          | <b>Criterion C</b> |
| 30% reduction, 30 periods at 60Hz                          | <b>Criterion C</b> |
| Voltage Interruptions, >95% reduction, 250 periods at 50Hz | <b>Criterion C</b> |
| >95% reduction, 300 periods at 60Hz                        | <b>Criterion C</b> |

\* The EUT does not contain devices susceptible to magnetic field, therefore the Power-Frequency Magnetic Fields test is not necessary.

## 6.2 Continuous Disturbances

### 6.2.1 Continuous RF electromagnetic field disturbances, swept test

**RESULT:****Pass**

Date of Testing : 2024-09-02  
Test Specification : EN 55035:2017+A11  
Basic Standard : IEC 61000-4-3:2006+A1+A2  
Criterion : A (Clause 8 and Annex G of EN 55035:2017+A11)  
Frequency Range : 80 - 1000MHz  
Test Level : 3V/m (Unmodulated, r.m.s.)  
Modulation : AM 80%, 1kHz sine-wave  
Tested port : Enclosure

**Test setup**

Input Voltage : AC 110V, 60Hz & AC 230V, 50Hz  
Operation Mode : A, B  
Earthing : Connected  
Ambient temperature : 24.5°C  
Relative humidity : 53.6%  
Atmospheric pressure : 101kPa

**Test Results:**

| Frequency Range  | Polarization            | Test Level (Unmodulated, rms) | Performance Criterion | Location              | Result |
|------------------|-------------------------|-------------------------------|-----------------------|-----------------------|--------|
| 80MHz to 1000MHz | Horizontal and Vertical | 3V/m                          | A                     | Front/Rear/Left/Right | Pass   |

Note: Operating as intended, no degradation detected during and after testing.

## 6.2.2 Continuous RF electromagnetic field disturbances, spot test

**RESULT:**
**Pass**

Date of Testing : 2024-09-02  
 Test Specification : EN 55035:2017+A11  
 Basic Standard : IEC 61000-4-3:2006+A1+A2  
 Criterion : A (Clause 8 and Annex G of EN 55035:2017+A11)  
 Frequency Range : 1800MHz, 2600MHz, 3500MHz, 5000MHz  
 Test Level : 3V/m (Unmodulated, r.m.s.)  
 Modulation : AM 80%, 1kHz sine-wave  
 Tested port : Enclosure

**Test setup**

Input Voltage : AC 110V, 60Hz & AC 230V, 50Hz  
 Operation Mode : A, B  
 Earthing : Connected  
 Ambient temperature : 24.5°C  
 Relative humidity : 53.6%  
 Atmospheric pressure : 101kPa

**Test Results:**

| Frequency Range                    | Polarization            | Test Level (Unmodulated, rms) | Performance Criterion | Location              | Result |
|------------------------------------|-------------------------|-------------------------------|-----------------------|-----------------------|--------|
| 1800MHz, 2600MHz, 3500MHz, 5000MHz | Horizontal and Vertical | 3V/m                          | A                     | Front/Rear/Left/Right | Pass   |

Note: Operating as intended, no degradation detected during and after testing.

### 6.2.3 Radio-Frequency Continuous Conducted (CS)

**RESULT:**
**Pass**

Date of testing : 2024-08-28  
 Test Specification : EN 55035:2017+A11  
 Basic Standard : IEC 61000-4-6:2008  
 Criterion : A (Clause 8 and Annex G of EN 55035:2017+A11)  
 Frequency range : 0.15 - 80 MHz  
 Source impedance : 150Ω  
 Test level : 3V (0.15-10MHz), 3 to 1V (10-30MHz), 1V (30-80MHz) (unmodulated, r.m.s.)  
 Modulation : AM 80%, 1kHz sine-wave  
 Sweep mode : automatic  
 Sweep rate : < 1.5×10<sup>-3</sup> decade / sec.  
 Tested port : AC Mains, LAN, HDMI

**Test setup**

Input Voltage : AC 110V, 60Hz & AC 230V, 50Hz  
 Operation Mode : A, B  
 Earthing : Connected  
 Ambient temperature : 23.5°C  
 Relative humidity : 52.1%  
 Atmospheric pressure : 101kPa

**Test Results:**

| Ports    | Coupling Network            | Frequency Range | Test Level | Criterion | Result |
|----------|-----------------------------|-----------------|------------|-----------|--------|
| AC Mains | CDN-M3                      | 0.15 - 10 MHz   | 3V         | A         | Pass   |
|          |                             | 10 - 30 MHz     | 3 to 1V    | A         | Pass   |
|          |                             | 30 - 80 MHz     | 1V         | A         | Pass   |
| LAN      | CDN-T8                      | 0.15 - 10 MHz   | 3V         | A         | Pass   |
|          |                             | 10 - 30 MHz     | 3 to 1V    | A         | Pass   |
|          |                             | 30 - 80 MHz     | 1V         | A         | Pass   |
| HDMI     | EM Clamp / Direct Injection | 0.15 - 10 MHz   | 3V         | A         | Pass   |
|          |                             | 10 - 30 MHz     | 3 to 1V    | A         | Pass   |
|          |                             | 30 - 80 MHz     | 1V         | A         | Pass   |

Note: Operating as intended, no degradation detected during and after testing.

## 6.3 Transient Disturbances

### 6.3.1 Fast Transients (EFT)

**RESULT:**
**Pass**

Date of testing : 2024-08-27  
 Test Specification : EN 55035:2017+A11  
 Basic Standard : IEC 61000-4-4:2012  
 Criterion : B  
 Test level :  $\pm 0.5\text{kV}$  (LAN, HDMI),  $\pm 1\text{kV}$  (AC Mains)  
 Test duration : 120sec  
 Rise time : 5/50ns  
 Repetition frequency : 5 kHz  
 Tested port : AC Mains, LAN, HDMI

**Test setup**

Input Voltage : AC 110V, 60Hz & AC 230V, 50Hz  
 Operation Mode : A, B  
 Earthing : Connected  
 Ambient temperature : 23.2°C  
 Relative humidity : 52.8%  
 Atmospheric pressure : 101kPa

**Test Results:**

| Applicable                          | Coupling                                | Polarity | Voltage                                                                | Result                                                                 |
|-------------------------------------|-----------------------------------------|----------|------------------------------------------------------------------------|------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | L, N, PE, L-N,<br>L-PE, N-PE,<br>L-N-PE | +        | <input type="checkbox"/> 2 kV                                          | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
|                                     |                                         | -        | <input checked="" type="checkbox"/> 1 kV<br><input type="checkbox"/>   | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
| <input checked="" type="checkbox"/> | LAN, HDMI                               | +        | <input type="checkbox"/> 1 kV                                          | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |
|                                     |                                         | -        | <input checked="" type="checkbox"/> 0.5 kV<br><input type="checkbox"/> | <input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail |

Note: Operating as intended, no degradation detected during and after testing.

### 6.3.2 Surge

**RESULT:****Pass**

Date of testing : 2024-08-28  
Test Specification : EN 55035:2017+A11  
Basic Standard : IEC 61000-4-5:2005  
Criterion : B, C  
Source impedance :  $2\Omega$ ,  $12\Omega$ ,  $40\Omega$   
Test level :  $\pm 0.5\text{kV}$ ,  $\pm 1\text{kV}$ ,  $\pm 2\text{kV}$   
Coupling phases :  $90^\circ$ ,  $270^\circ$  for AC mains only  
Number of surges : 5 (for each combination of parameters)  
Repetition rate : Max. 1/min  
Tested port : AC Mains, LAN

**Test Setup**

Input Voltage : AC 110V, 60Hz & AC 230V, 50Hz  
Operation Mode : A, B  
Earthing : Connected  
Ambient temperature :  $24.5^\circ\text{C}$   
Relative humidity : 52.8%  
Atmospheric pressure : 101kPa

**Test Results:**

| Ports    | Test Level                                                  | Coupling Mode | Impedance (ohm) | Criterion | Description                                                             | Conclusion |
|----------|-------------------------------------------------------------|---------------|-----------------|-----------|-------------------------------------------------------------------------|------------|
| AC Mains | $\pm 0.5\text{kV}$ ,<br>$\pm 1\text{kV}$                    | L-N           | 2               | B         | Operating as intended, no degradation detected during and after testing | Pass       |
| AC Mains | $\pm 0.5\text{kV}$ ,<br>$\pm 1\text{kV}$ , $\pm 2\text{kV}$ | L-PE          | 12              | B         |                                                                         | Pass       |
| AC Mains | $\pm 0.5\text{kV}$ ,<br>$\pm 1\text{kV}$ , $\pm 2\text{kV}$ | N-PE          | 12              | B         |                                                                         | Pass       |
| LAN      | $\pm 0.5\text{kV}$ ,<br>$\pm 1\text{kV}$                    | Lines-PE      | 40              | C         |                                                                         | Pass       |

### 6.3.3 Electrostatic Discharges (ESD)

**RESULT:**

## Pass

|                      |   |                                                                      |
|----------------------|---|----------------------------------------------------------------------|
| Date of testing      | : | 2024-08-27                                                           |
| Test Specification   | : | EN 55035:2017+A11                                                    |
| Basic Standard       | : | IEC 61000-4-2:2008                                                   |
| Criterion            | : | B                                                                    |
| Discharge voltage    | : | ±2.0kV, ±4.0kV, ±8.0kV (air discharge)<br>±4.0kV (contact discharge) |
| Number of discharges | : | >10                                                                  |
| Tested port          | : | Enclosure                                                            |

## Test Setup

|                      |   |                               |
|----------------------|---|-------------------------------|
| Input Voltage        | : | AC 110V, 60Hz & AC 230V, 50Hz |
| Operation Mode       | : | A, B                          |
| Earthing             | : | Connected                     |
| Ambient temperature  | : | 23.5°C                        |
| Relative humidity    | : | 53.1%                         |
| Atmospheric pressure | : | 101kPa                        |

### Test Results:

| Test Point              | Test Mode | Test Level (kV) | Performance Criterion | Description                                                             | Result |
|-------------------------|-----------|-----------------|-----------------------|-------------------------------------------------------------------------|--------|
| VCP                     | C         | ±4              | B                     | Operating as intended, no degradation detected during and after testing | Pass   |
| HCP                     | C         | ±4              | B                     |                                                                         | Pass   |
| Conducted Enclosure     | C         | ±4              | B                     | Operating as intended, no degradation detected during and after testing | Pass   |
| Slot                    | A         | ±2, ±4, ±8      | B                     |                                                                         | Pass   |
| Non-Conducted Enclosure | A         | ±2, ±4, ±8      | B                     |                                                                         | Pass   |

Note: A- Air discharge; C- Contact Discharge; VCP- Vertical Coupling Plane; HCP- Horizontal Coupling Plane

## 6.4 Power Supply Alterations

### 6.4.1 Voltage Dip and Interruptions

**RESULT:****Pass**

Date of testing : 2024-08-27  
Test Specification : EN 55035:2017+A11  
Basic Standard : IEC 61000-4-11:2004  
Criterion : B & C  
Tested port : AC Mains

**Test Setup**

Input Voltage : AC 110V, 60Hz & AC 230V, 50Hz  
Operation Mode : A, B  
Earthing : Connected  
Ambient temperature : 24.1°C  
Relative humidity : 53.6%  
Atmospheric pressure : 101kPa

**Test Results:**

| Voltage Reduction | Number of cycles             | Interval | Rep. Times | Criterion | Result |
|-------------------|------------------------------|----------|------------|-----------|--------|
| 100%              | 0.5                          | 10s      | 3          | B         | Pass*  |
| 30%               | 25 for 50Hz<br>30 for 60Hz   | 10s      | 3          | C         | Pass*  |
| 100%              | 250 for 50Hz<br>300 for 60Hz | 10s      | 3          | C         | Pass** |

Remark: \* - Operating as intended, no degradation detected during and after testing.

\*\* - During voltage interruptions testing, the EUT was powered off, resume normal after testing automatically.

## 7. Photographs of the Test Set-Up

### Photograph 1: Set-up for Conducted Emission

AC Mains:

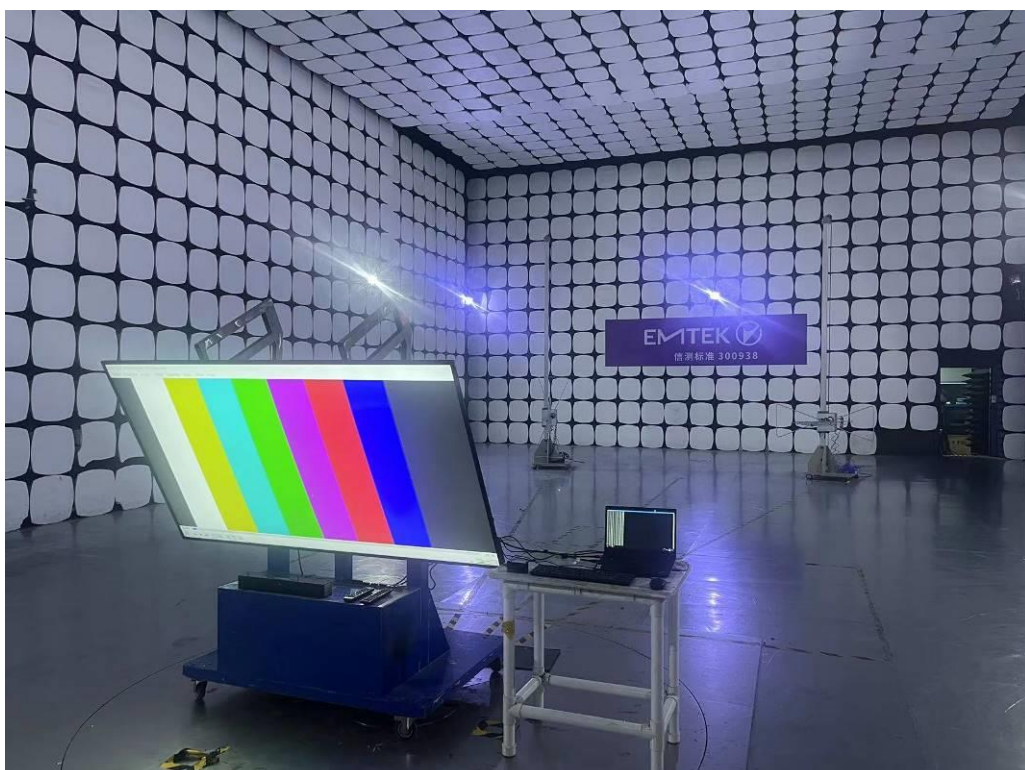
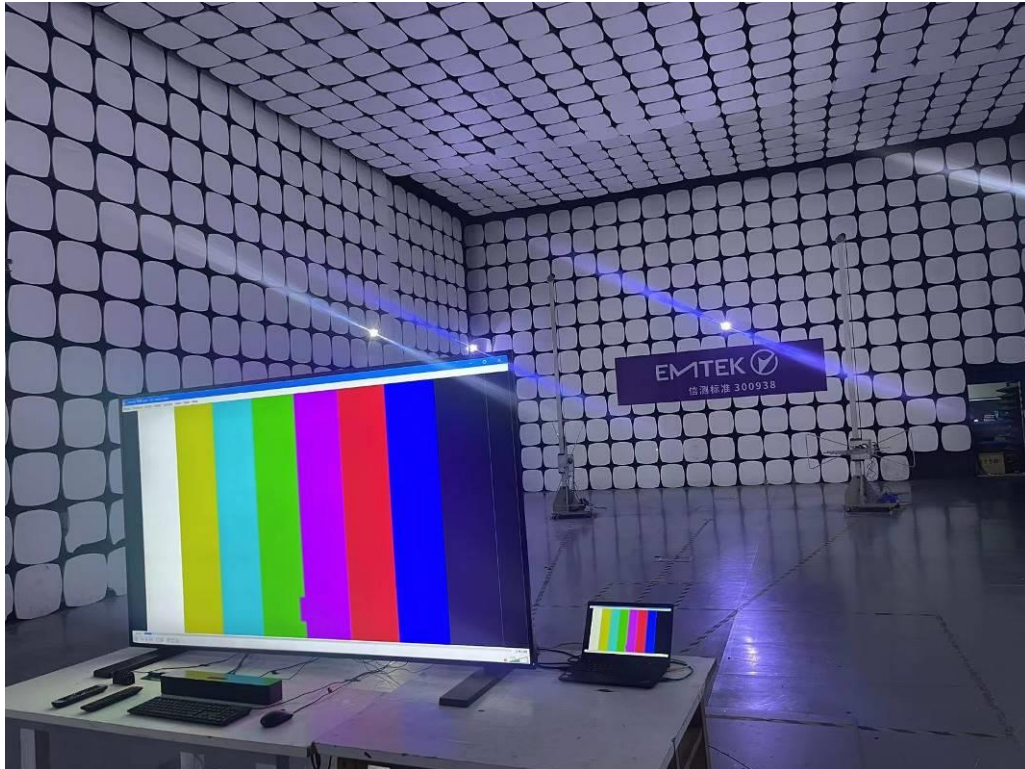


LAN:



**Photograph 2: Set-up for Radiated Emission**

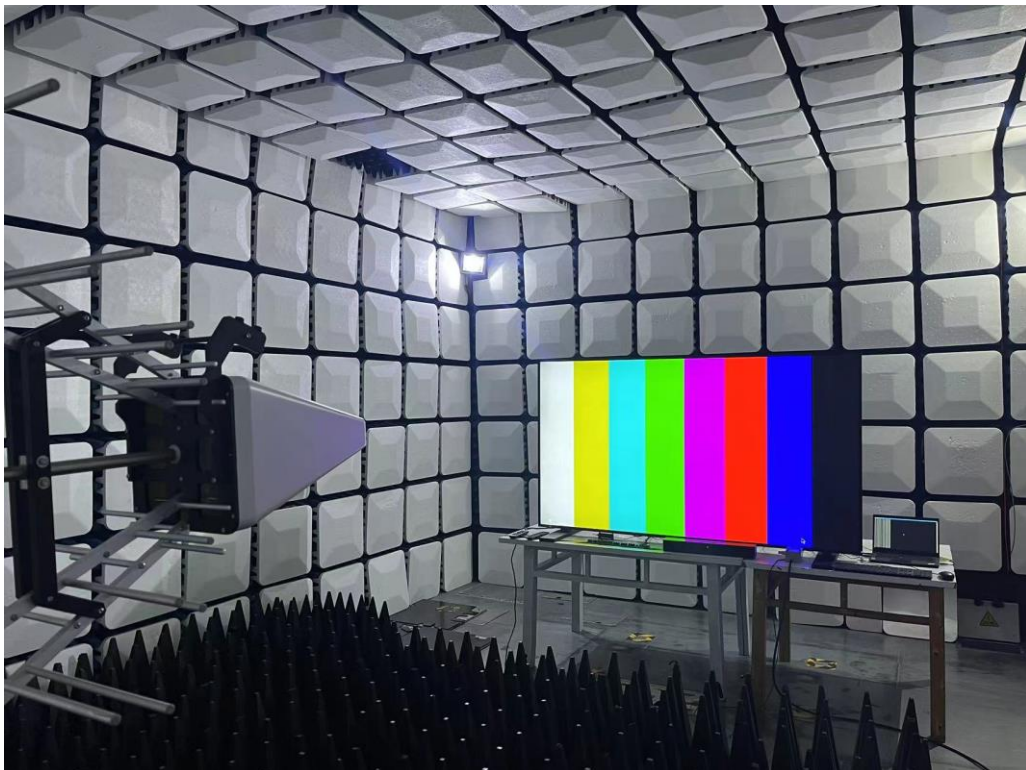
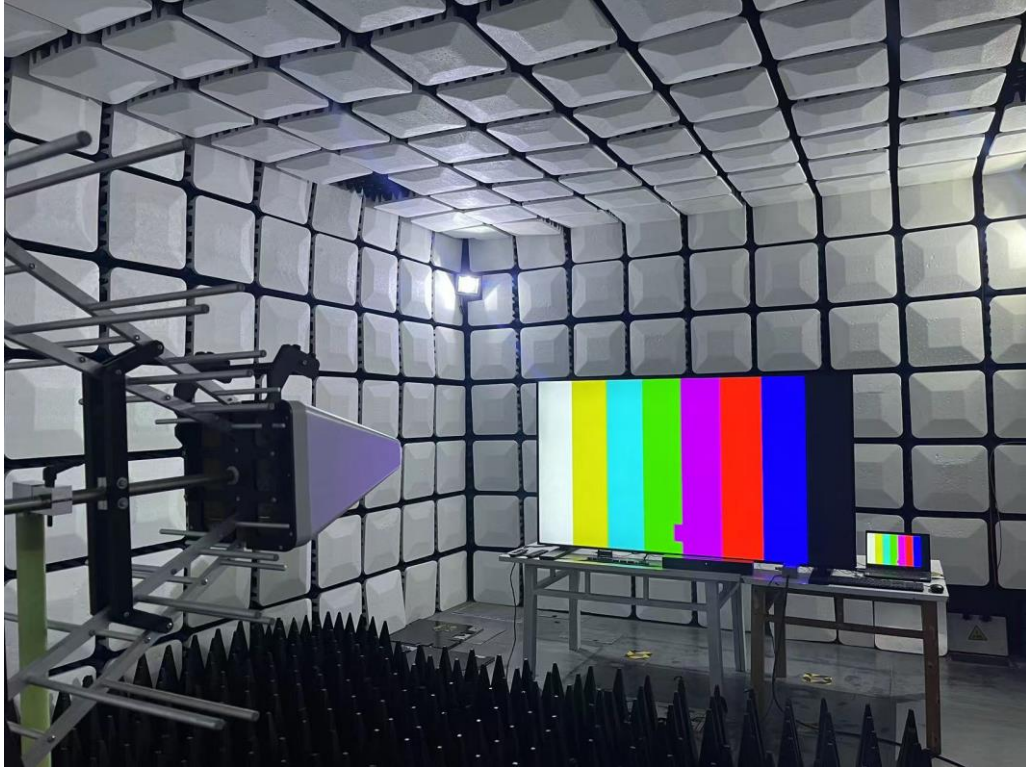
Below 1GHz:



Above 1GHz:

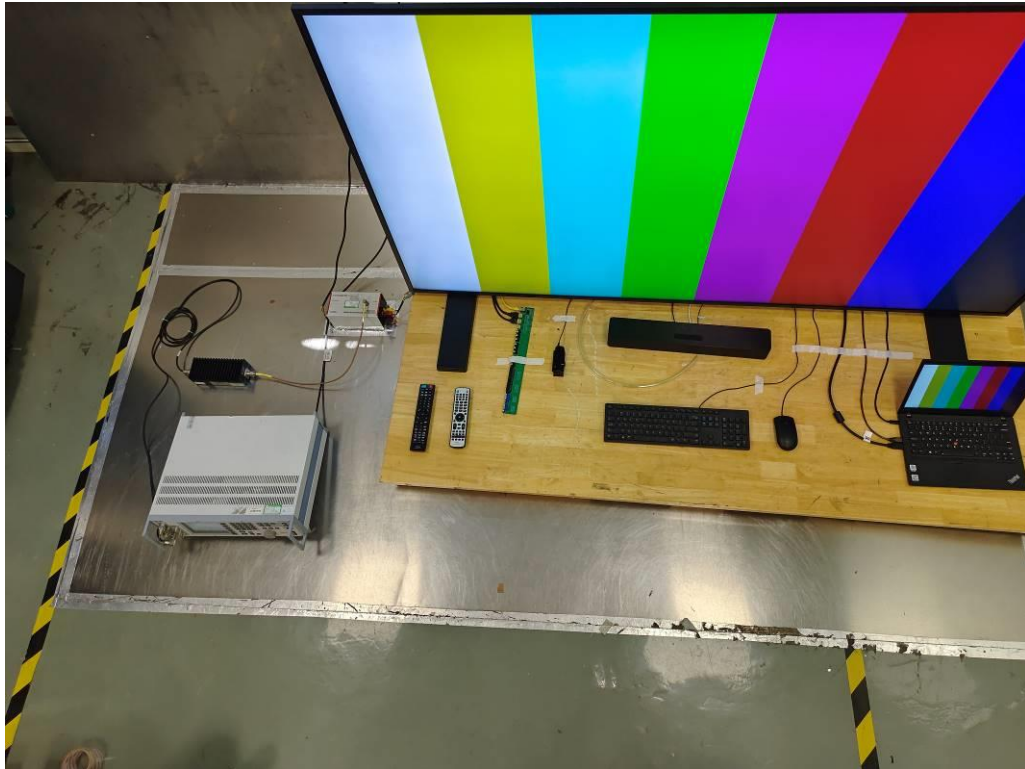


**Photograph 3: Set-up for Radio-frequency Electromagnetic Field Amplitude Modulated**

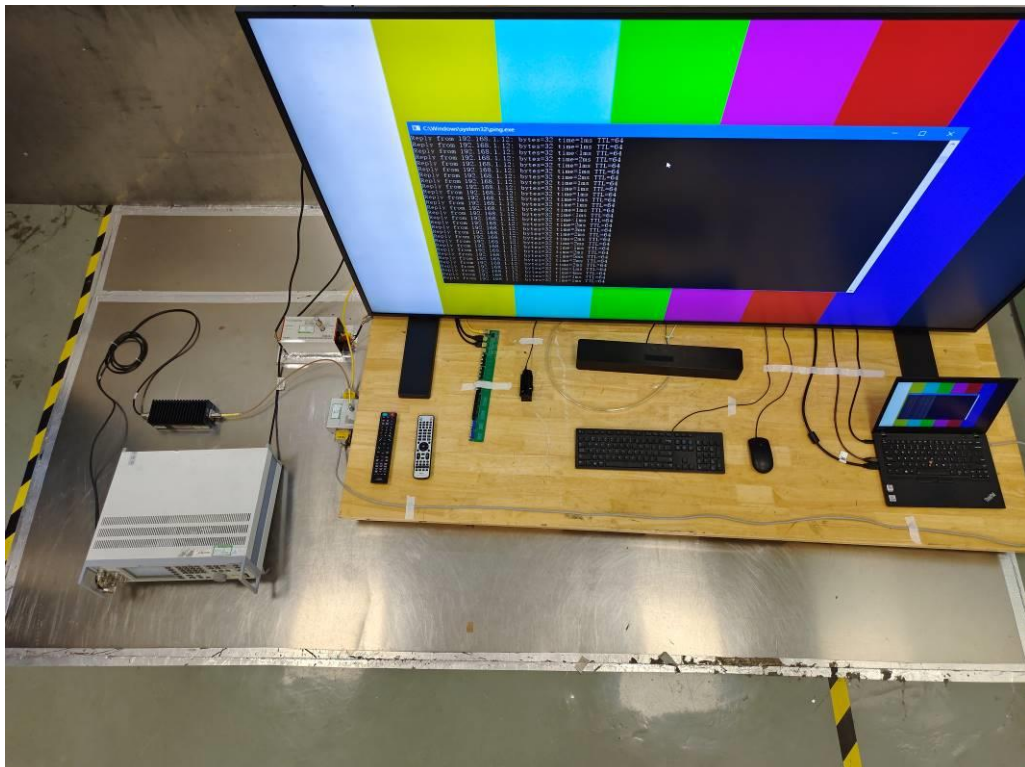


**Photograph 4: Set-up for Radio-Frequency Continuous Conducted (CS)**

AC Mains:



LAN:

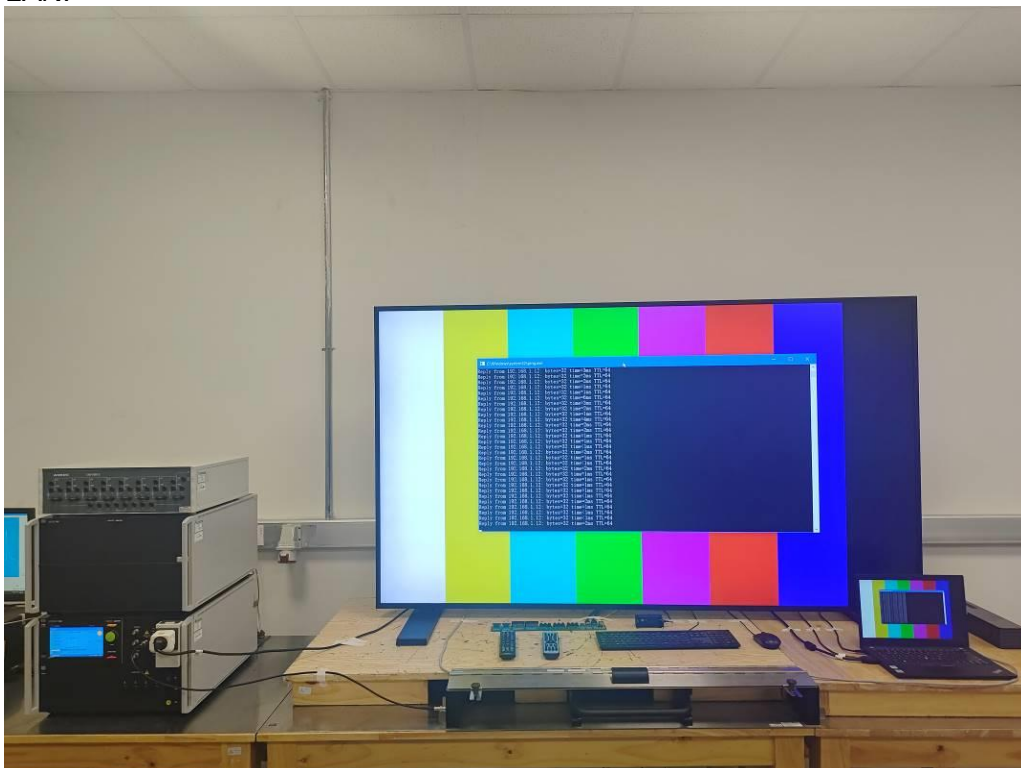


**Photograph 5: Set-up for Fast Transients**

AC Mains:



LAN:



**Photograph 6: Set-up for Surge**

AC Mains:



LAN:



**Photograph 7: Set-up for Electrostatic Discharges (ESD)**



**Photograph 8: Set-up for Voltage Dips and Interruptions**



**Photograph 9: Set-up for Harmonics & Flicker**



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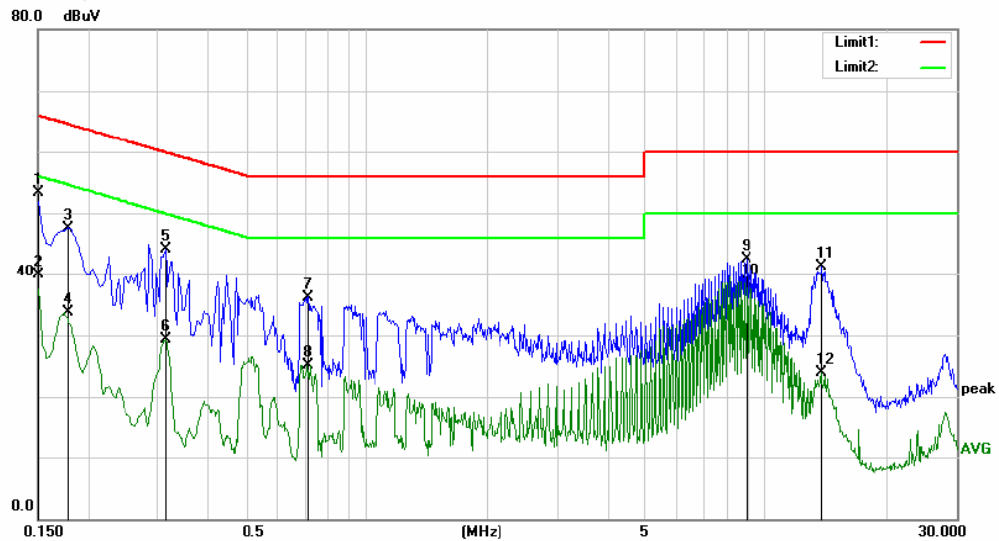
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### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/



Site Conduction #1

Phase: L1

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 120V/60Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: USB mode

Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1500       | 43.38                    | 10.01                   | 53.39                    | 66.00         | -12.61     | QP       |         |
| 2       | 0.1500       | 29.82                    | 10.01                   | 39.83                    | 56.00         | -16.17     | AVG      |         |
| 3       | 0.1780       | 37.56                    | 10.04                   | 47.60                    | 64.58         | -16.98     | QP       |         |
| 4       | 0.1780       | 23.64                    | 10.04                   | 33.68                    | 54.58         | -20.90     | AVG      |         |
| 5       | 0.3140       | 33.99                    | 10.03                   | 44.02                    | 59.86         | -15.84     | QP       |         |
| 6       | 0.3140       | 19.27                    | 10.03                   | 29.30                    | 49.86         | -20.56     | AVG      |         |
| 7       | 0.7140       | 26.19                    | 10.01                   | 36.20                    | 56.00         | -19.80     | QP       |         |
| 8       | 0.7140       | 15.15                    | 10.01                   | 25.16                    | 46.00         | -20.84     | AVG      |         |
| 9       | 8.9500       | 32.37                    | 10.10                   | 42.47                    | 60.00         | -17.53     | QP       |         |
| 10 *    | 8.9500       | 28.50                    | 10.10                   | 38.60                    | 50.00         | -11.40     | AVG      |         |
| 11      | 13.8100      | 30.96                    | 10.26                   | 41.22                    | 60.00         | -18.78     | QP       |         |
| 12      | 13.8100      | 13.65                    | 10.26                   | 23.91                    | 50.00         | -26.09     | AVG      |         |

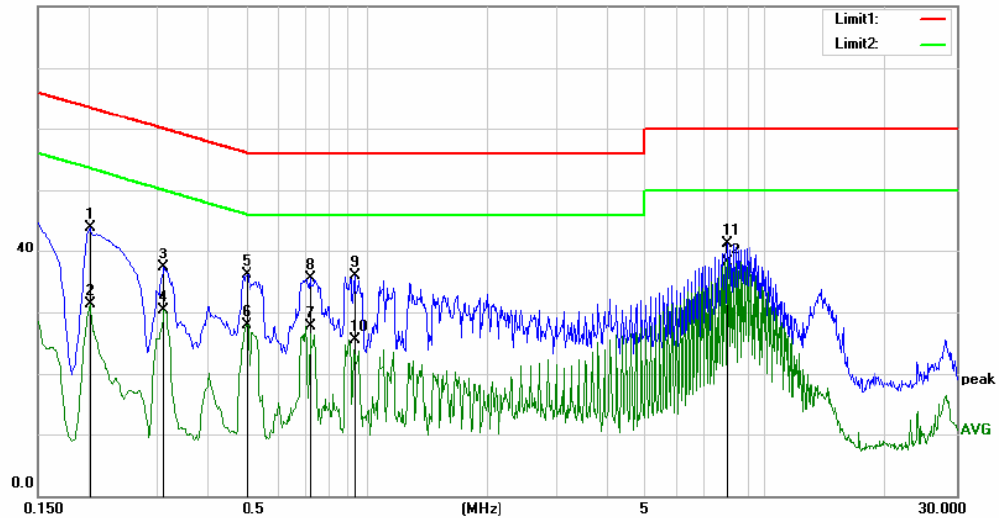
\*:Maximum data    x:Over limit    l:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 120V/60Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: USB mode

Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.2020       | 33.86                    | 10.03                   | 43.89                    | 63.53         | -19.64     | QP       |         |
| 2       | 0.2020       | 21.29                    | 10.03                   | 31.32                    | 53.53         | -22.21     | AVG      |         |
| 3       | 0.3100       | 27.28                    | 10.04                   | 37.32                    | 59.97         | -22.65     | QP       |         |
| 4       | 0.3100       | 20.27                    | 10.04                   | 30.31                    | 49.97         | -19.66     | AVG      |         |
| 5       | 0.5020       | 26.15                    | 9.96                    | 36.11                    | 56.00         | -19.89     | QP       |         |
| 6       | 0.5020       | 18.01                    | 9.96                    | 27.97                    | 46.00         | -18.03     | AVG      |         |
| 7       | 0.7220       | 25.59                    | 10.00                   | 35.59                    | 56.00         | -20.41     | QP       |         |
| 8       | 0.7220       | 17.65                    | 10.00                   | 27.65                    | 46.00         | -18.35     | AVG      |         |
| 9       | 0.9300       | 25.82                    | 9.99                    | 35.81                    | 56.00         | -20.19     | QP       |         |
| 10      | 0.9300       | 15.60                    | 9.99                    | 25.59                    | 46.00         | -20.41     | AVG      |         |
| 11      | 8.0020       | 31.30                    | 10.07                   | 41.37                    | 60.00         | -18.63     | QP       |         |
| 12 *    | 8.0020       | 28.09                    | 10.07                   | 38.16                    | 50.00         | -11.84     | AVG      |         |

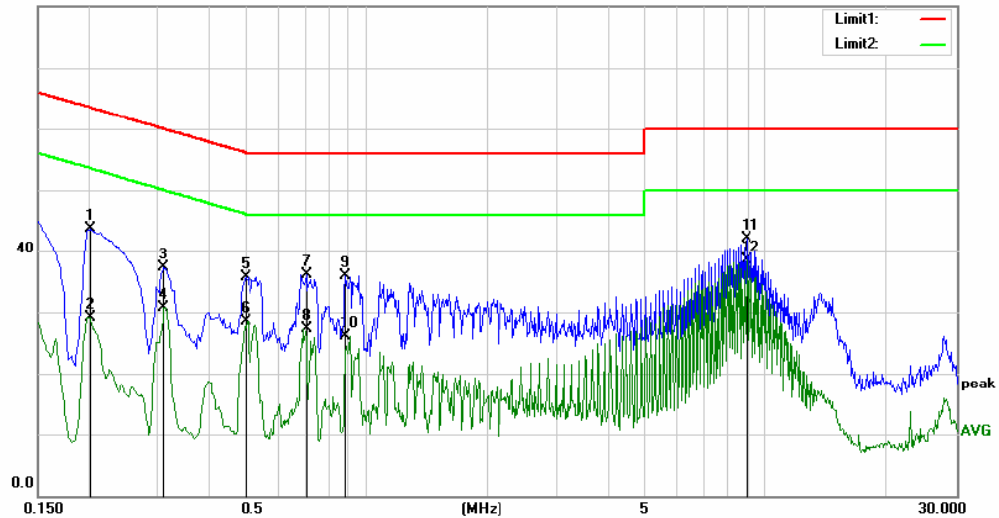
\*:Maximum data x:Over limit l:over margin Comment: Factor build in receiver. Operator: Tendre Liu

### Conducted Emission Measurement

File :Sharp NEC

Date: 24/09/04/

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 120V/60Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: LAN mode

Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.2020       | 33.63                    | 10.03                   | 43.66                    | 63.53         | -19.87     | QP       |         |
| 2       | 0.2020       | 19.14                    | 10.03                   | 29.17                    | 53.53         | -24.36     | AVG      |         |
| 3       | 0.3100       | 27.28                    | 10.04                   | 37.32                    | 59.97         | -22.65     | QP       |         |
| 4       | 0.3100       | 20.71                    | 10.04                   | 30.75                    | 49.97         | -19.22     | AVG      |         |
| 5       | 0.4980       | 25.82                    | 9.96                    | 35.78                    | 56.03         | -20.25     | QP       |         |
| 6       | 0.4980       | 18.59                    | 9.96                    | 28.55                    | 46.03         | -17.48     | AVG      |         |
| 7       | 0.7060       | 26.17                    | 10.01                   | 36.18                    | 56.00         | -19.82     | QP       |         |
| 8       | 0.7060       | 17.22                    | 10.01                   | 27.23                    | 46.00         | -18.77     | AVG      |         |
| 9       | 0.8820       | 26.02                    | 9.98                    | 36.00                    | 56.00         | -20.00     | QP       |         |
| 10      | 0.8820       | 16.10                    | 9.98                    | 26.08                    | 46.00         | -19.92     | AVG      |         |
| 11      | 8.9500       | 32.06                    | 10.10                   | 42.16                    | 60.00         | -17.84     | QP       |         |
| 12 *    | 8.9500       | 28.48                    | 10.10                   | 38.58                    | 50.00         | -11.42     | AVG      |         |

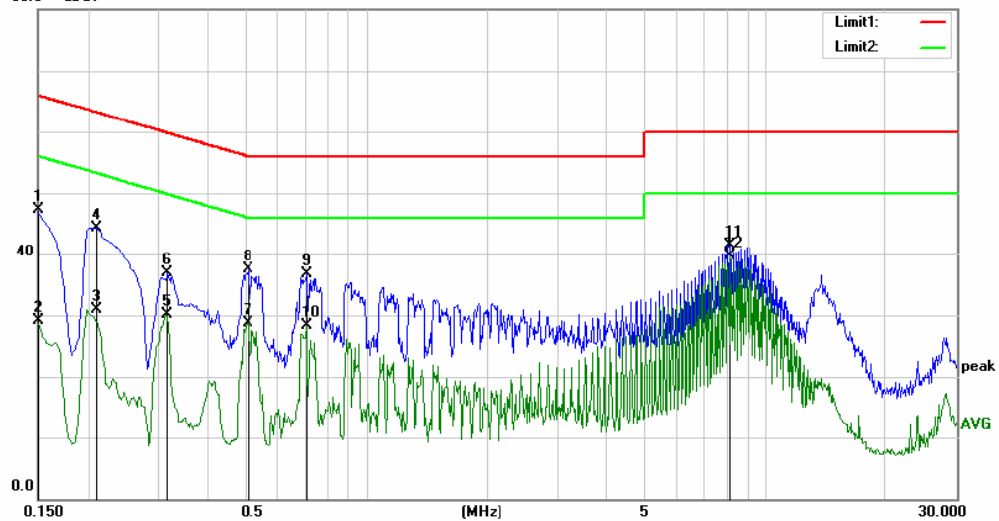
\*:Maximum data x:Over limit l:over margin Comment: Factor build in receiver. Operator: Tendre Liu

### Conducted Emission Measurement

File :Sharp NEC

Date: 24/09/04/

80.0 dBuV



Site Conduction #1

Phase: L1

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 120V/60Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: LAN mode

Note:

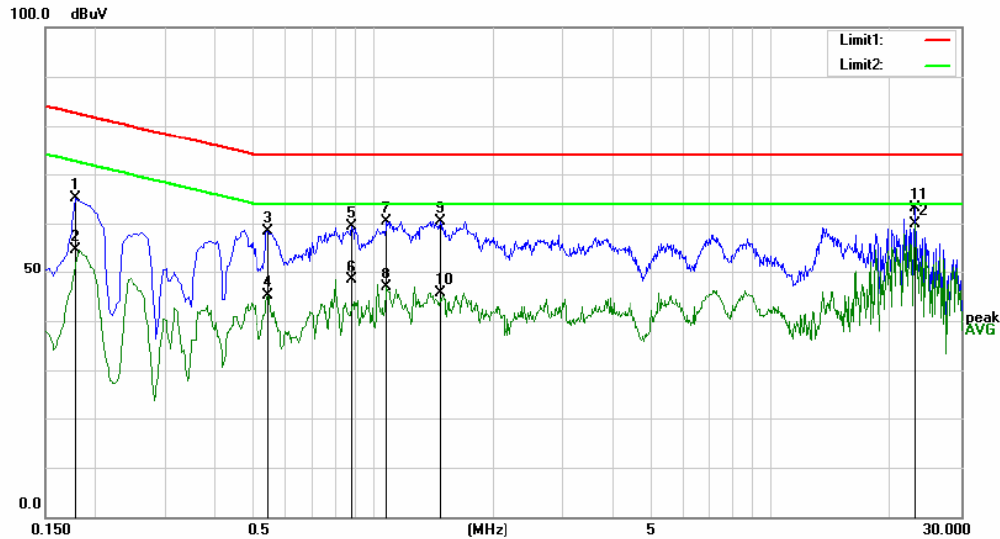
| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1500       | 37.20                    | 10.01                   | 47.21                    | 66.00         | -18.79     | QP       |         |
| 2       | 0.1500       | 19.09                    | 10.01                   | 29.10                    | 56.00         | -26.90     | AVG      |         |
| 3       | 0.2100       | 34.35                    | 10.03                   | 44.38                    | 63.21         | -18.83     | QP       |         |
| 4       | 0.2100       | 20.97                    | 10.03                   | 31.00                    | 53.21         | -22.21     | AVG      |         |
| 5       | 0.3180       | 26.81                    | 10.03                   | 36.84                    | 59.76         | -22.92     | QP       |         |
| 6       | 0.3180       | 19.99                    | 10.03                   | 30.02                    | 49.76         | -19.74     | AVG      |         |
| 7       | 0.5060       | 27.49                    | 9.96                    | 37.45                    | 56.00         | -18.55     | QP       |         |
| 8       | 0.5060       | 18.80                    | 9.96                    | 28.76                    | 46.00         | -17.24     | AVG      |         |
| 9       | 0.7060       | 26.62                    | 10.01                   | 36.63                    | 56.00         | -19.37     | QP       |         |
| 10      | 0.7060       | 18.28                    | 10.01                   | 28.29                    | 46.00         | -17.71     | AVG      |         |
| 11      | 8.1380       | 31.39                    | 10.07                   | 41.46                    | 60.00         | -18.54     | QP       |         |
| 12 *    | 8.1380       | 29.62                    | 10.07                   | 39.69                    | 50.00         | -10.31     | AVG      |         |

\*:Maximum data x:Over limit l:over margin Comment: Factor build in receiver. Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/



Site Conduction #1

Phase:

Temperature: 25.2

Limit: (CE)EN55032 class B TELECOM\_QP

Power: AC 120V/60Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: LAN mode

Note:

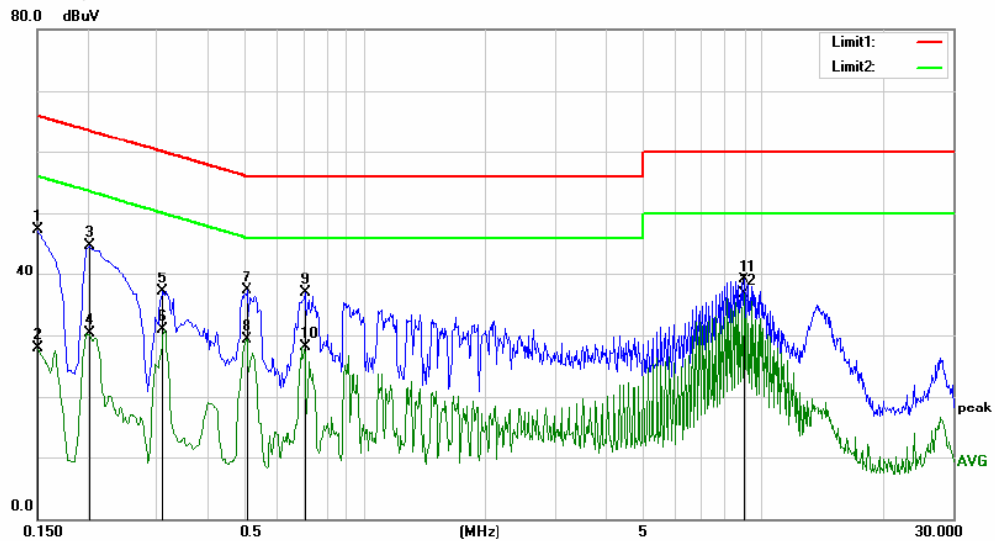
| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1780       | 54.84                    | 10.30                   | 65.14                    | 82.58         | -17.44     | QP       |         |
| 2       | 0.1780       | 44.37                    | 10.30                   | 54.67                    | 72.58         | -17.91     | AVG      |         |
| 3       | 0.5460       | 48.21                    | 10.25                   | 58.46                    | 74.00         | -15.54     | QP       |         |
| 4       | 0.5460       | 34.78                    | 10.25                   | 45.03                    | 64.00         | -18.97     | AVG      |         |
| 5       | 0.8820       | 49.16                    | 10.17                   | 59.33                    | 74.00         | -14.67     | QP       |         |
| 6       | 0.8820       | 38.11                    | 10.17                   | 48.28                    | 64.00         | -15.72     | AVG      |         |
| 7       | 1.0860       | 50.23                    | 10.14                   | 60.37                    | 74.00         | -13.63     | QP       |         |
| 8       | 1.0860       | 36.67                    | 10.14                   | 46.81                    | 64.00         | -17.19     | AVG      |         |
| 9       | 1.4740       | 50.37                    | 10.12                   | 60.49                    | 74.00         | -13.51     | QP       |         |
| 10      | 1.4740       | 35.58                    | 10.12                   | 45.70                    | 64.00         | -18.30     | AVG      |         |
| 11      | 23.1300      | 53.11                    | 10.09                   | 63.20                    | 74.00         | -10.80     | QP       |         |
| 12 *    | 23.1300      | 49.81                    | 10.09                   | 59.90                    | 64.00         | -4.10      | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/



Site Conduction #1

Phase: **L1**

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 120V/60Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: HDMI mode

Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1500       | 37.25                    | 10.01                   | 47.26                    | 66.00         | -18.74     | QP       |         |
| 2       | 0.1500       | 17.94                    | 10.01                   | 27.95                    | 56.00         | -28.05     | AVG      |         |
| 3       | 0.2020       | 34.65                    | 10.03                   | 44.68                    | 63.53         | -18.85     | QP       |         |
| 4       | 0.2020       | 20.19                    | 10.03                   | 30.22                    | 53.53         | -23.31     | AVG      |         |
| 5       | 0.3100       | 27.11                    | 10.04                   | 37.15                    | 59.97         | -22.82     | QP       |         |
| 6       | 0.3100       | 20.93                    | 10.04                   | 30.97                    | 49.97         | -19.00     | AVG      |         |
| 7       | 0.5060       | 27.36                    | 9.96                    | 37.32                    | 56.00         | -18.68     | QP       |         |
| 8       | 0.5060       | 19.34                    | 9.96                    | 29.30                    | 46.00         | -16.70     | AVG      |         |
| 9       | 0.7060       | 26.85                    | 10.01                   | 36.86                    | 56.00         | -19.14     | QP       |         |
| 10      | 0.7060       | 18.13                    | 10.01                   | 28.14                    | 46.00         | -17.86     | AVG      |         |
| 11      | 8.9500       | 29.08                    | 10.10                   | 39.18                    | 60.00         | -20.82     | QP       |         |
| 12 *    | 8.9500       | 26.64                    | 10.10                   | 36.74                    | 50.00         | -13.26     | AVG      |         |

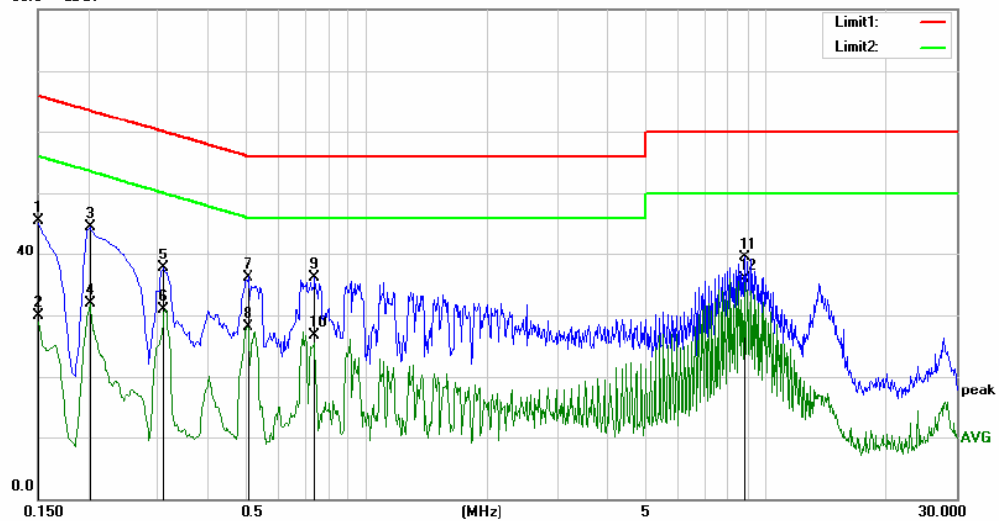
\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File :Sharp NEC

Date: 24/09/04/

80.0 dBuV



Site Conduction #1

Phase: **N**

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 120V/60Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: HDMI mode

Note:

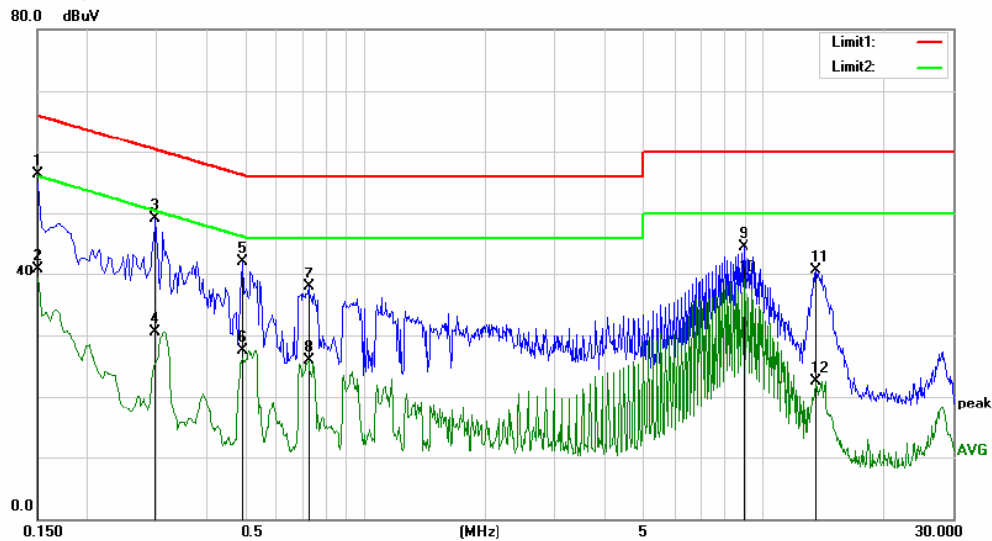
| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1500       | 35.57                    | 10.01                   | 45.58                    | 66.00         | -20.42     | QP       |         |
| 2       | 0.1500       | 19.81                    | 10.01                   | 29.82                    | 56.00         | -26.18     | AVG      |         |
| 3       | 0.2020       | 34.40                    | 10.03                   | 44.43                    | 63.53         | -19.10     | QP       |         |
| 4       | 0.2020       | 21.84                    | 10.03                   | 31.87                    | 53.53         | -21.66     | AVG      |         |
| 5       | 0.3100       | 27.75                    | 10.04                   | 37.79                    | 59.97         | -22.18     | QP       |         |
| 6       | 0.3100       | 20.91                    | 10.04                   | 30.95                    | 49.97         | -19.02     | AVG      |         |
| 7       | 0.5060       | 26.24                    | 9.96                    | 36.20                    | 56.00         | -19.80     | QP       |         |
| 8       | 0.5060       | 18.05                    | 9.96                    | 28.01                    | 46.00         | -17.99     | AVG      |         |
| 9       | 0.7420       | 26.13                    | 10.00                   | 36.13                    | 56.00         | -19.87     | QP       |         |
| 10      | 0.7420       | 16.68                    | 10.00                   | 26.68                    | 46.00         | -19.32     | AVG      |         |
| 11      | 8.8140       | 29.43                    | 10.10                   | 39.53                    | 60.00         | -20.47     | QP       |         |
| 12 *    | 8.8140       | 25.83                    | 10.10                   | 35.93                    | 50.00         | -14.07     | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/



Site Conduction #1

Phase: **N**

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 240V/50Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: HDMI mode

Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1 *     | 0.1500       | 46.27                    | 10.01                   | 56.28                    | 66.00         | -9.72      | QP       |         |
| 2       | 0.1500       | 30.90                    | 10.01                   | 40.91                    | 56.00         | -15.09     | AVG      |         |
| 3       | 0.2980       | 39.11                    | 10.05                   | 49.16                    | 60.30         | -11.14     | QP       |         |
| 4       | 0.2980       | 20.52                    | 10.05                   | 30.57                    | 50.30         | -19.73     | AVG      |         |
| 5       | 0.4900       | 32.17                    | 9.96                    | 42.13                    | 56.17         | -14.04     | QP       |         |
| 6       | 0.4900       | 17.63                    | 9.96                    | 27.59                    | 46.17         | -18.58     | AVG      |         |
| 7       | 0.7220       | 27.84                    | 10.00                   | 37.84                    | 56.00         | -18.16     | QP       |         |
| 8       | 0.7220       | 15.86                    | 10.00                   | 25.86                    | 46.00         | -20.14     | AVG      |         |
| 9       | 8.9500       | 34.36                    | 10.10                   | 44.46                    | 60.00         | -15.54     | QP       |         |
| 10      | 8.9500       | 28.95                    | 10.10                   | 39.05                    | 50.00         | -10.95     | AVG      |         |
| 11      | 13.5860      | 30.54                    | 10.25                   | 40.79                    | 60.00         | -19.21     | QP       |         |
| 12      | 13.5860      | 12.20                    | 10.25                   | 22.45                    | 50.00         | -27.55     | AVG      |         |

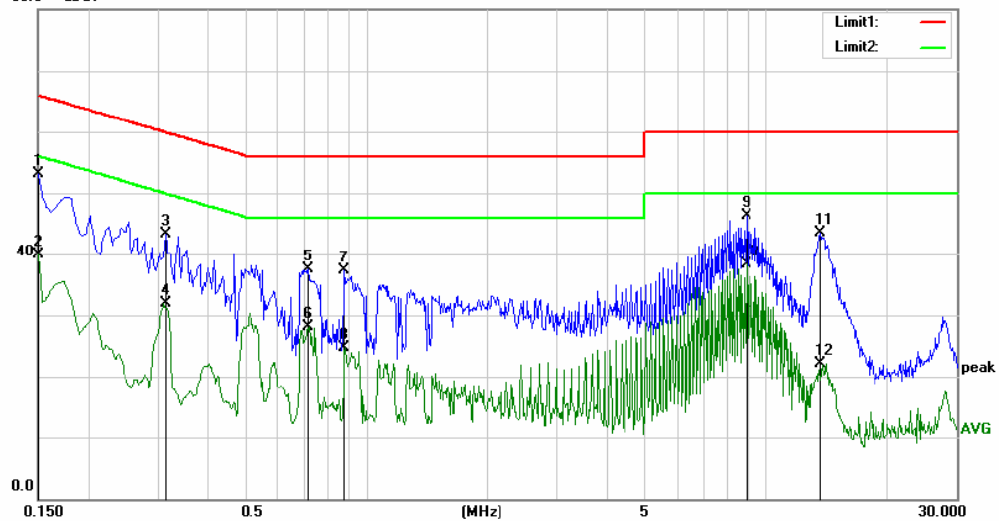
\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/

80.0 dBuV



Site Conduction #1

Phase: **L1**

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 240V/50Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: HDMI mode

Note:

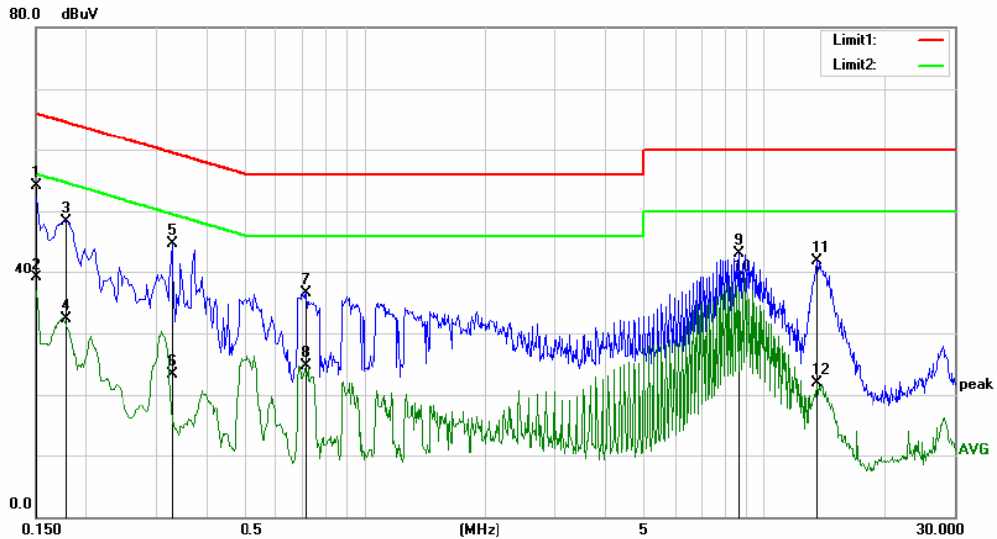
| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1500       | 43.03                    | 10.01                   | 53.04                    | 66.00         | -12.96     | QP       |         |
| 2       | 0.1500       | 29.82                    | 10.01                   | 39.83                    | 56.00         | -16.17     | AVG      |         |
| 3       | 0.3140       | 33.31                    | 10.03                   | 43.34                    | 59.86         | -16.52     | QP       |         |
| 4       | 0.3140       | 21.86                    | 10.03                   | 31.89                    | 49.86         | -17.97     | AVG      |         |
| 5       | 0.7140       | 27.43                    | 10.01                   | 37.44                    | 56.00         | -18.56     | QP       |         |
| 6       | 0.7140       | 18.12                    | 10.01                   | 28.13                    | 46.00         | -17.87     | AVG      |         |
| 7       | 0.8780       | 27.35                    | 9.98                    | 37.33                    | 56.00         | -18.67     | QP       |         |
| 8       | 0.8780       | 14.63                    | 9.98                    | 24.61                    | 46.00         | -21.39     | AVG      |         |
| 9       | 8.9500       | 36.17                    | 10.10                   | 46.27                    | 60.00         | -13.73     | QP       |         |
| 10 *    | 8.9500       | 28.28                    | 10.10                   | 38.38                    | 50.00         | -11.62     | AVG      |         |
| 11      | 13.6940      | 33.18                    | 10.25                   | 43.43                    | 60.00         | -16.57     | QP       |         |
| 12      | 13.6940      | 11.87                    | 10.25                   | 22.12                    | 50.00         | -27.88     | AVG      |         |

\*:Maximum data    x:Over limit    l:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/



Site Conduction #1

Phase: **L1**

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 240V/50Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: LAN mode

Note:

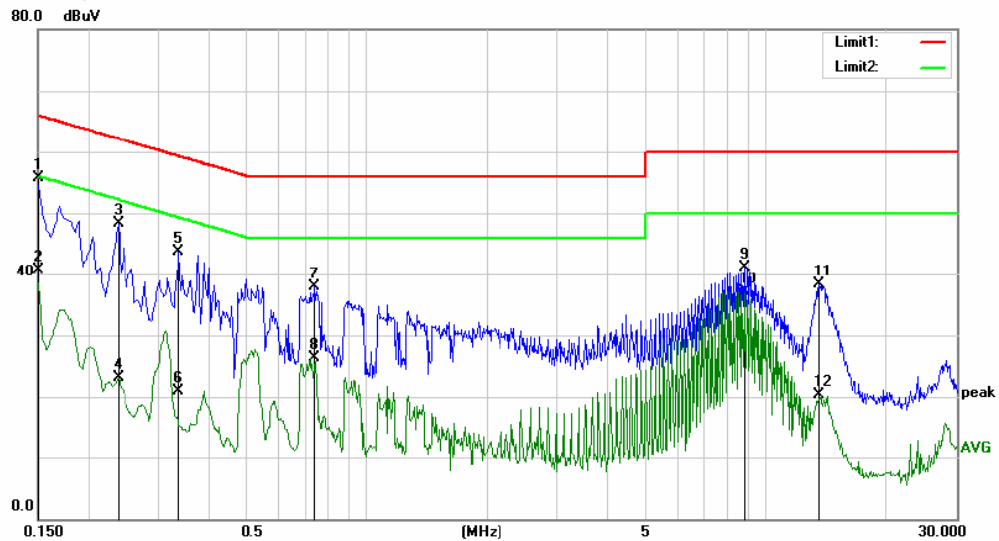
| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1500       | 44.18                    | 10.01                   | 54.19                    | 66.00         | -11.81     | QP       |         |
| 2       | 0.1500       | 29.10                    | 10.01                   | 39.11                    | 56.00         | -16.89     | AVG      |         |
| 3       | 0.1780       | 38.31                    | 10.04                   | 48.35                    | 64.58         | -16.23     | QP       |         |
| 4       | 0.1780       | 22.20                    | 10.04                   | 32.24                    | 54.58         | -22.34     | AVG      |         |
| 5       | 0.3300       | 34.64                    | 10.01                   | 44.65                    | 59.45         | -14.80     | QP       |         |
| 6       | 0.3300       | 13.33                    | 10.01                   | 23.34                    | 49.45         | -26.11     | AVG      |         |
| 7       | 0.7140       | 26.44                    | 10.01                   | 36.45                    | 56.00         | -19.55     | QP       |         |
| 8       | 0.7140       | 14.64                    | 10.01                   | 24.65                    | 46.00         | -21.35     | AVG      |         |
| 9       | 8.6820       | 32.99                    | 10.10                   | 43.09                    | 60.00         | -16.91     | QP       |         |
| 10 *    | 8.6820       | 28.86                    | 10.10                   | 38.96                    | 50.00         | -11.04     | AVG      |         |
| 11      | 13.5780      | 31.67                    | 10.25                   | 41.92                    | 60.00         | -18.08     | QP       |         |
| 12      | 13.5780      | 11.65                    | 10.25                   | 21.90                    | 50.00         | -28.10     | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/



Site Conduction #1

Phase: **N**

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 240V/50Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: LAN mode

Note:

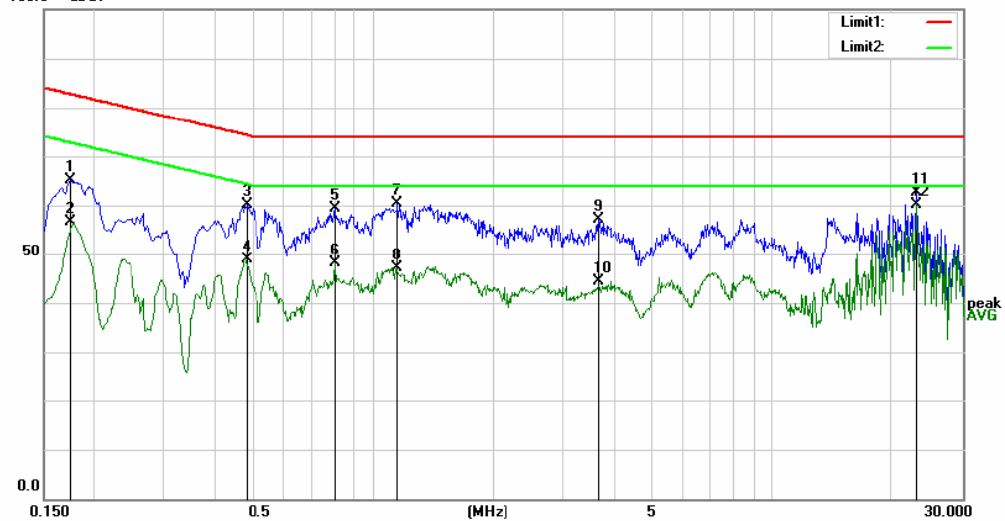
| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1   | *   | 0.1500       | 45.64                    | 10.01                   | 55.65                    | 66.00         | -10.35     | QP       |         |
| 2   |     | 0.1500       | 30.63                    | 10.01                   | 40.64                    | 56.00         | -15.36     | AVG      |         |
| 3   |     | 0.2380       | 38.24                    | 10.02                   | 48.26                    | 62.17         | -13.91     | QP       |         |
| 4   |     | 0.2380       | 13.09                    | 10.02                   | 23.11                    | 52.17         | -29.06     | AVG      |         |
| 5   |     | 0.3380       | 33.76                    | 10.00                   | 43.76                    | 59.25         | -15.49     | QP       |         |
| 6   |     | 0.3380       | 10.93                    | 10.00                   | 20.93                    | 49.25         | -28.32     | AVG      |         |
| 7   |     | 0.7420       | 27.92                    | 10.00                   | 37.92                    | 56.00         | -18.08     | QP       |         |
| 8   |     | 0.7420       | 16.35                    | 10.00                   | 26.35                    | 46.00         | -19.65     | AVG      |         |
| 9   |     | 8.8140       | 31.06                    | 10.10                   | 41.16                    | 60.00         | -18.84     | QP       |         |
| 10  |     | 8.8140       | 27.07                    | 10.10                   | 37.17                    | 50.00         | -12.83     | AVG      |         |
| 11  |     | 13.5620      | 27.97                    | 10.25                   | 38.22                    | 60.00         | -21.78     | QP       |         |
| 12  |     | 13.5620      | 10.07                    | 10.25                   | 20.32                    | 50.00         | -29.68     | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC  
100.0 dBuV

Date: 24/09/04/



Site Conduction #1

Phase:

Temperature: 25.2

Limit: (CE)EN55032 class B TELECOM\_QP

Power: AC 240V/50Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: LAN mode

Note:

| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1740       | 54.81                    | 10.30                   | 65.11                    | 82.77         | -17.66     | QP       |         |
| 2       | 0.1740       | 46.22                    | 10.30                   | 56.52                    | 72.77         | -16.25     | AVG      |         |
| 3       | 0.4860       | 49.79                    | 10.26                   | 60.05                    | 74.24         | -14.19     | QP       |         |
| 4       | 0.4860       | 38.53                    | 10.26                   | 48.79                    | 64.24         | -15.45     | AVG      |         |
| 5       | 0.8020       | 49.17                    | 10.19                   | 59.36                    | 74.00         | -14.64     | QP       |         |
| 6       | 0.8020       | 37.95                    | 10.19                   | 48.14                    | 64.00         | -15.86     | AVG      |         |
| 7       | 1.1580       | 50.16                    | 10.13                   | 60.29                    | 74.00         | -13.71     | QP       |         |
| 8       | 1.1580       | 36.92                    | 10.13                   | 47.05                    | 64.00         | -16.95     | AVG      |         |
| 9       | 3.6700       | 46.96                    | 10.07                   | 57.03                    | 74.00         | -16.97     | QP       |         |
| 10      | 3.6700       | 34.42                    | 10.07                   | 44.49                    | 64.00         | -19.51     | AVG      |         |
| 11      | 23.1300      | 52.57                    | 10.09                   | 62.66                    | 74.00         | -11.34     | QP       |         |
| 12 *    | 23.1300      | 50.02                    | 10.09                   | 60.11                    | 64.00         | -3.89      | AVG      |         |

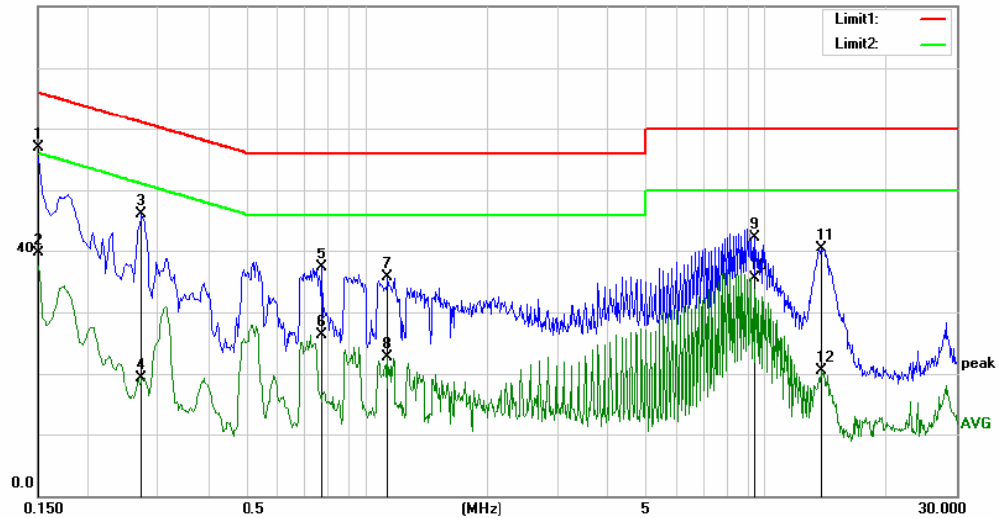
\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/

80.0 dBuV



Site Conduction #1

Phase: N

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 240V/50Hz

Humidity: 47 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: USB PLAY

Note:

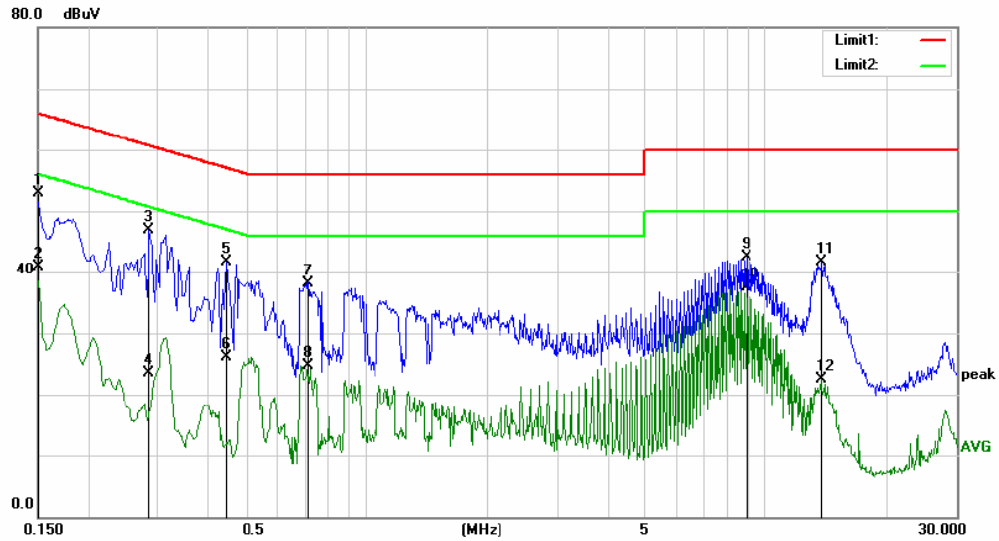
| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1 *     | 0.1500       | 46.92                    | 10.01                   | 56.93                    | 66.00         | -9.07      | QP       |         |
| 2       | 0.1500       | 29.72                    | 10.01                   | 39.73                    | 56.00         | -16.27     | AVG      |         |
| 3       | 0.2740       | 36.04                    | 10.03                   | 46.07                    | 61.00         | -14.93     | QP       |         |
| 4       | 0.2740       | 9.35                     | 10.03                   | 19.38                    | 51.00         | -31.62     | AVG      |         |
| 5       | 0.7740       | 27.38                    | 9.99                    | 37.37                    | 56.00         | -18.63     | QP       |         |
| 6       | 0.7740       | 16.34                    | 9.99                    | 26.33                    | 46.00         | -19.67     | AVG      |         |
| 7       | 1.1300       | 25.66                    | 9.99                    | 35.65                    | 56.00         | -20.35     | QP       |         |
| 8       | 1.1300       | 12.68                    | 9.99                    | 22.67                    | 46.00         | -23.33     | AVG      |         |
| 9       | 9.3580       | 32.13                    | 10.11                   | 42.24                    | 60.00         | -17.76     | QP       |         |
| 10      | 9.3580       | 25.35                    | 10.11                   | 35.46                    | 50.00         | -14.54     | AVG      |         |
| 11      | 13.7140      | 30.26                    | 10.25                   | 40.51                    | 60.00         | -19.49     | QP       |         |
| 12      | 13.7140      | 10.18                    | 10.25                   | 20.43                    | 50.00         | -29.57     | AVG      |         |

\*:Maximum data x:Over limit l:over margin Comment: Factor build in receiver. Operator: Tendre Liu

### Conducted Emission Measurement

File : Sharp NEC

Date: 24/09/04/



Site Conduction #1

Phase: **L1**

Temperature: 25.2

Limit: (CE)EN55032 class B\_QP

Power: AC 240V/50Hz

Humidity: 47 %

EUT: LCD MONITOR

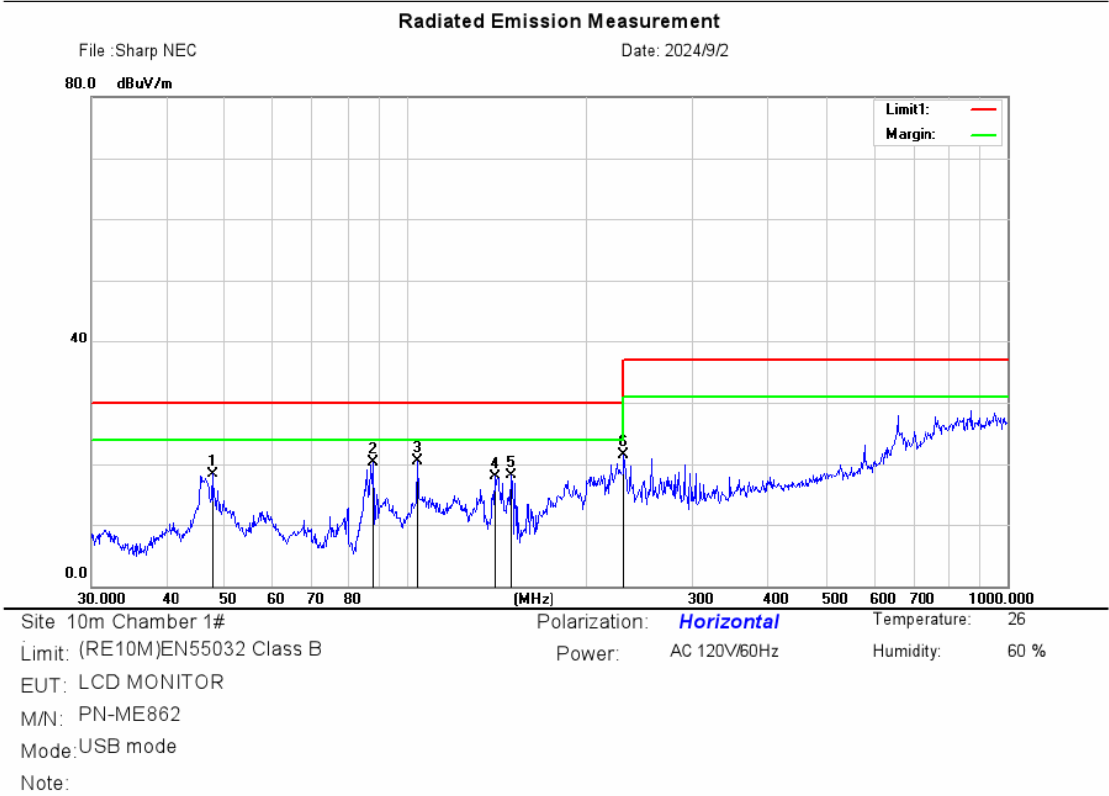
M/N: PN-ME862

Mode: USB PLAY

Note:

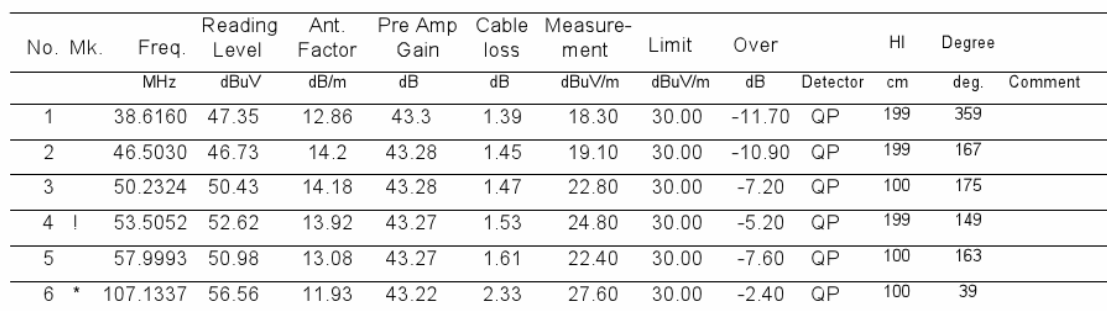
| No. Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|---------|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1       | 0.1500       | 42.88                    | 10.01                   | 52.89                    | 66.00         | -13.11     | QP       |         |
| 2       | 0.1500       | 30.82                    | 10.01                   | 40.83                    | 56.00         | -15.17     | AVG      |         |
| 3       | 0.2860       | 36.88                    | 10.04                   | 46.92                    | 60.64         | -13.72     | QP       |         |
| 4       | 0.2860       | 13.53                    | 10.04                   | 23.57                    | 50.64         | -27.07     | AVG      |         |
| 5       | 0.4460       | 31.75                    | 9.94                    | 41.69                    | 56.95         | -15.26     | QP       |         |
| 6       | 0.4460       | 16.08                    | 9.94                    | 26.02                    | 46.95         | -20.93     | AVG      |         |
| 7       | 0.7140       | 28.19                    | 10.01                   | 38.20                    | 56.00         | -17.80     | QP       |         |
| 8       | 0.7140       | 14.65                    | 10.01                   | 24.66                    | 46.00         | -21.34     | AVG      |         |
| 9       | 8.9500       | 32.37                    | 10.10                   | 42.47                    | 60.00         | -17.53     | QP       |         |
| 10 *    | 8.9500       | 27.38                    | 10.10                   | 37.48                    | 50.00         | -12.52     | AVG      |         |
| 11      | 13.8100      | 31.46                    | 10.26                   | 41.72                    | 60.00         | -18.28     | QP       |         |
| 12      | 13.8100      | 12.26                    | 10.26                   | 22.52                    | 50.00         | -27.48     | AVG      |         |

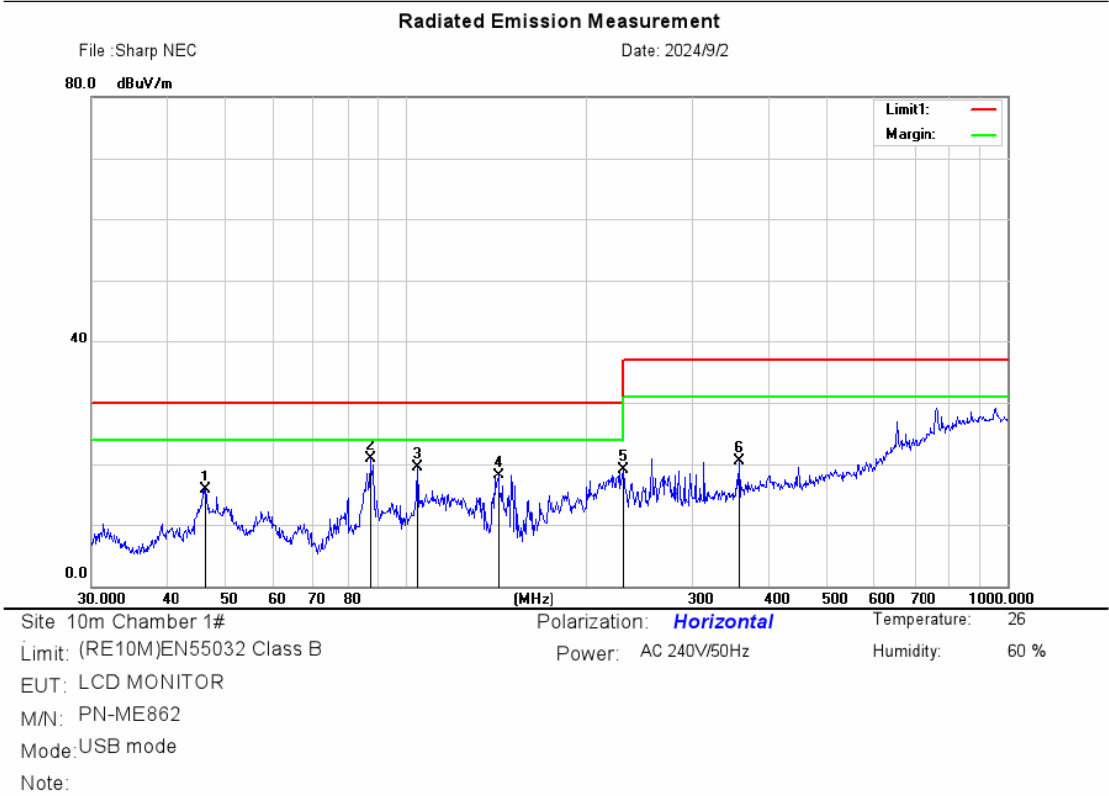
\*:Maximum data    x:Over limit    !:over margin    Comment: Factor build in receiver.    Operator: Tendre Liu



| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over   | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|--------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB     | Detector | cm     | deg. |
| 1   |     | 47.6586  | 47.04         | 13.49       | 43.33        | 1.2        | 18.40        | 30.00  | -11.60 | QP       | 242    | 205  |
| 2   |     | 88.0330  | 52.49         | 9.28        | 43.21        | 1.69       | 20.25        | 30.00  | -9.75  | QP       | 400    | 359  |
| 3   | *   | 104.1701 | 50.25         | 11.58       | 43.18        | 1.82       | 20.47        | 30.00  | -9.53  | QP       | 242    | 63   |
| 4   |     | 140.3421 | 49.64         | 9.7         | 43.3         | 1.96       | 18.00        | 30.00  | -12.00 | QP       | 242    | 256  |
| 5   |     | 149.4857 | 50.02         | 9.23        | 43.32        | 2.09       | 18.02        | 30.00  | -11.98 | QP       | 400    | 153  |
| 6   |     | 230.0985 | 49.84         | 11.82       | 43.09        | 2.86       | 21.43        | 37.00  | -15.57 | QP       | 242    | 324  |

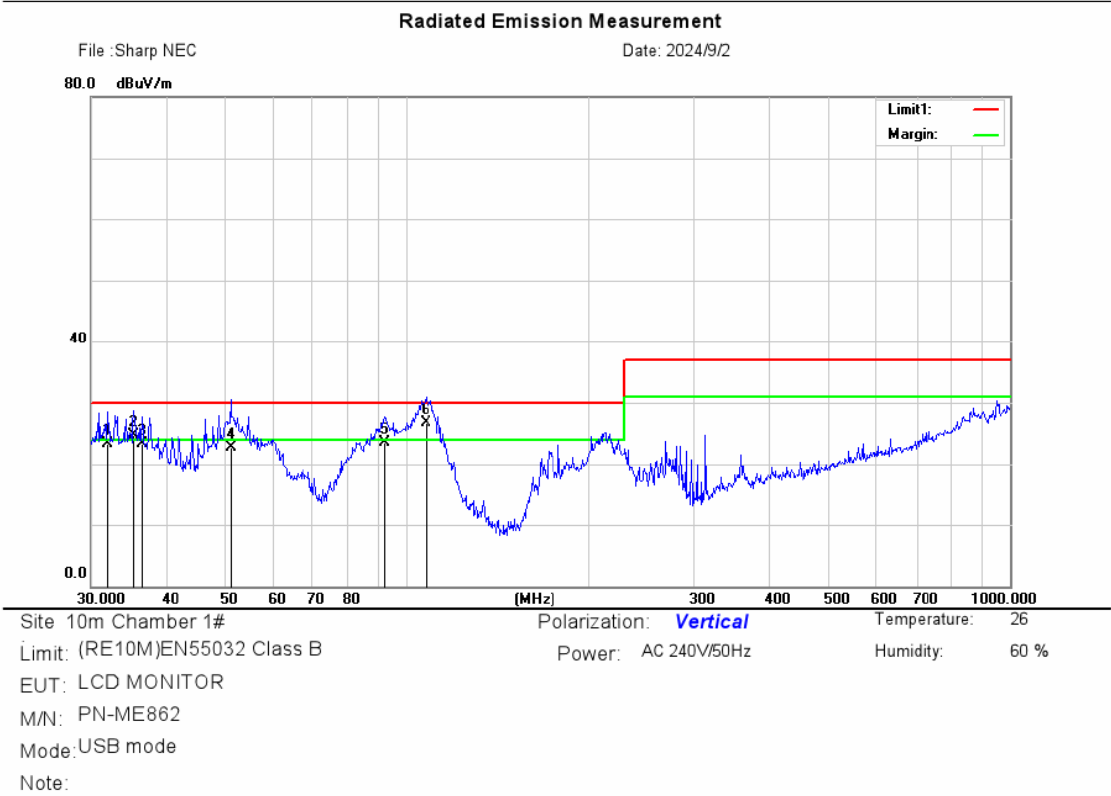
\*:Maximum data    x:Over limit    !:over margin



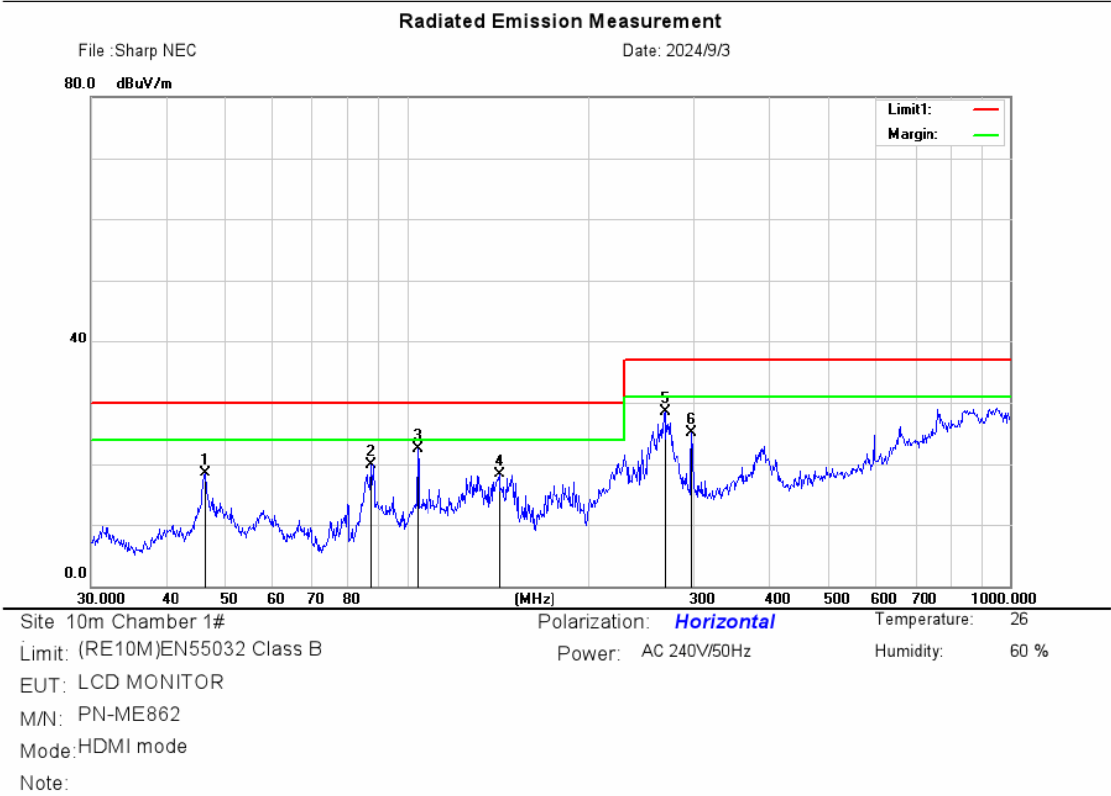


| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over   | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|--------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB     | Detector | cm     | deg. |
| 1   |     | 46.5030  | 44.41         | 13.54       | 43.34        | 1.19       | 15.80        | 30.00  | -14.20 | QP       | 177    | 245  |
| 2   | *   | 87.1117  | 53.28         | 9.23        | 43.21        | 1.67       | 20.97        | 30.00  | -9.03  | QP       | 177    | 96   |
| 3   |     | 104.1701 | 49.35         | 11.58       | 43.18        | 1.82       | 19.57        | 30.00  | -10.43 | QP       | 400    | 0    |
| 4   |     | 142.3243 | 49.83         | 9.6         | 43.3         | 1.99       | 18.12        | 30.00  | -11.88 | QP       | 177    | 18   |
| 5   |     | 230.0985 | 47.44         | 11.82       | 43.09        | 2.86       | 19.03        | 37.00  | -17.97 | QP       | 177    | 323  |
| 6   |     | 357.9287 | 42.40         | 15.12       | 41.73        | 4.65       | 20.44        | 37.00  | -16.56 | QP       | 177    | 266  |

\*:Maximum data    x:Over limit    !:over margin

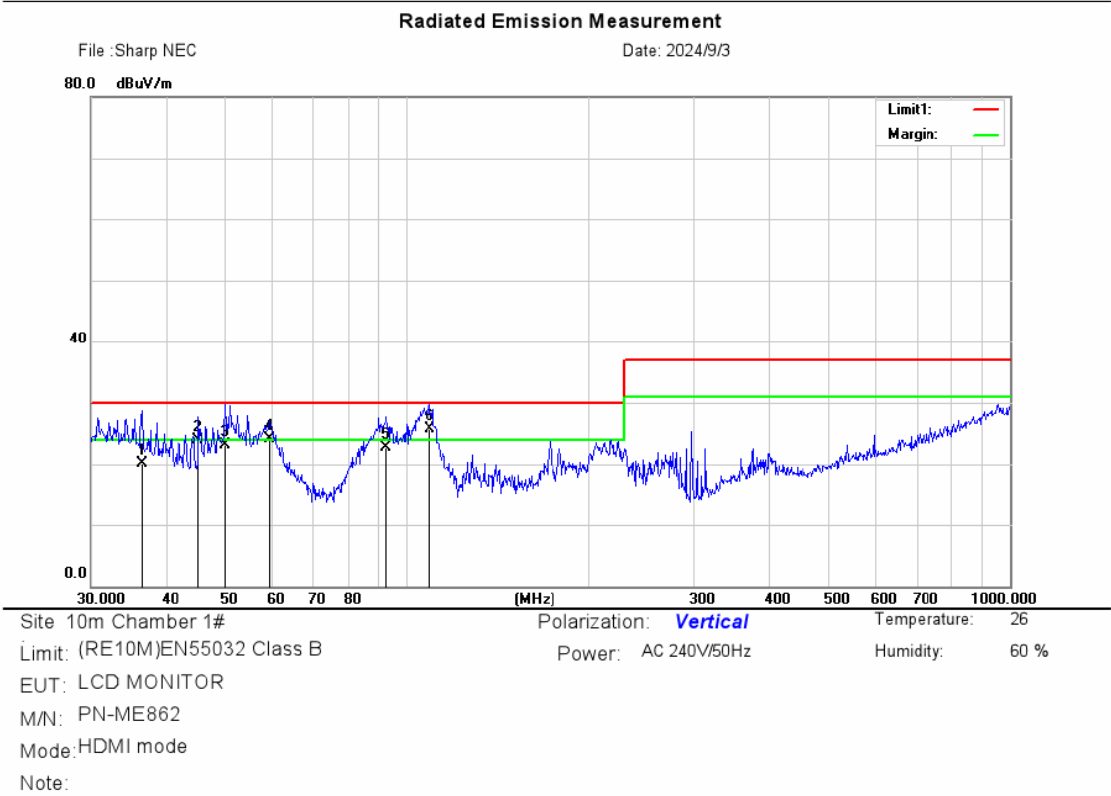


| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over  | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|-------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB    | Detector | cm     | deg. |
| 1   |     | 31.9546  | 53.88         | 11.52       | 43.31        | 1.31       | 23.40        | 30.00  | -6.60 | QP       | 199    | 0    |
| 2   | !   | 35.2512  | 54.97         | 11.78       | 43.3         | 1.35       | 24.80        | 30.00  | -5.20 | QP       | 100    | 213  |
| 3   |     | 36.3814  | 53.20         | 12.14       | 43.3         | 1.36       | 23.40        | 30.00  | -6.60 | QP       | 100    | 191  |
| 4   |     | 51.1210  | 50.48         | 14.11       | 43.28        | 1.49       | 22.80        | 30.00  | -7.20 | QP       | 100    | 162  |
| 5   |     | 91.8163  | 53.90         | 10.73       | 43.21        | 2.18       | 23.60        | 30.00  | -6.40 | QP       | 199    | 0    |
| 6   | *   | 107.5101 | 55.66         | 11.92       | 43.22        | 2.34       | 26.70        | 30.00  | -3.30 | QP       | 199    | 0    |



| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over   | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|--------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB     | Detector | cm     | deg. |
| 1   |     | 46.5030  | 47.11         | 13.54       | 43.34        | 1.19       | 18.50        | 30.00  | -11.50 | QP       | 400    | 195  |
| 2   |     | 87.1117  | 52.16         | 9.23        | 43.21        | 1.67       | 19.85        | 30.00  | -10.15 | QP       | 210    | 194  |
| 3   | *   | 104.1701 | 52.26         | 11.58       | 43.18        | 1.82       | 22.48        | 30.00  | -7.52  | QP       | 400    | 359  |
| 4   |     | 142.3243 | 49.95         | 9.6         | 43.3         | 1.99       | 18.24        | 30.00  | -11.76 | QP       | 210    | 287  |
| 5   |     | 267.5455 | 54.44         | 13.1        | 42.61        | 3.56       | 28.49        | 37.00  | -8.51  | QP       | 210    | 305  |
| 6   |     | 297.2241 | 48.97         | 14.11       | 42.23        | 4.22       | 25.07        | 37.00  | -11.93 | QP       | 400    | 359  |

\*:Maximum data    x:Over limit    !:over margin

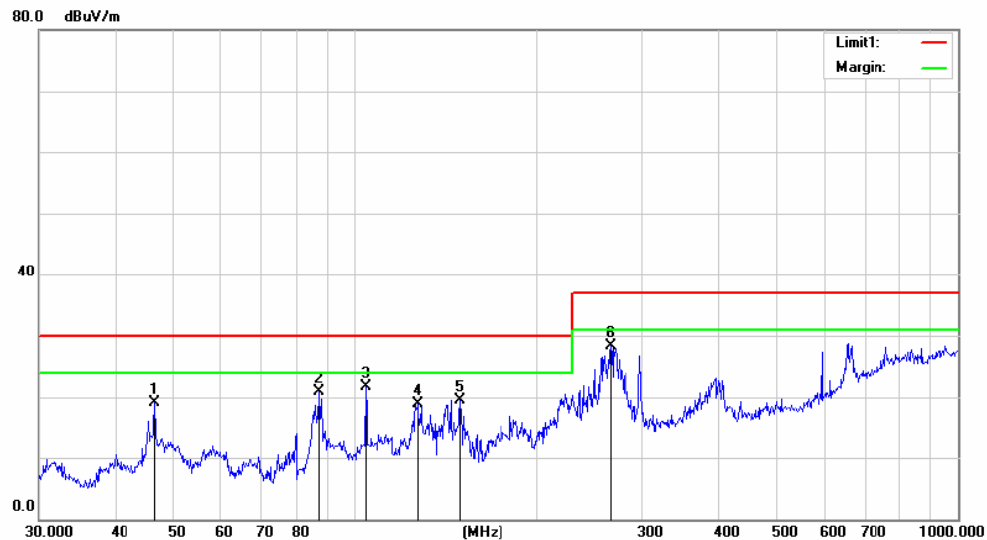


| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over  | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|-------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB    | Detector | cm     | deg. |
| 1   |     | 36.3814  | 49.90         | 12.14       | 43.3         | 1.36       | 20.10        | 30.00  | -9.90 | QP       | 101    | 188  |
| 2   |     | 45.2166  | 51.55         | 14.2        | 43.29        | 1.44       | 23.90        | 30.00  | -6.10 | QP       | 101    | 151  |
| 3   |     | 50.0566  | 50.81         | 14.2        | 43.28        | 1.47       | 23.20        | 30.00  | -6.80 | QP       | 199    | 172  |
| 4   | !   | 59.2325  | 53.04         | 12.78       | 43.26        | 1.64       | 24.20        | 30.00  | -5.80 | QP       | 101    | 171  |
| 5   |     | 92.4624  | 52.89         | 10.84       | 43.21        | 2.18       | 22.70        | 30.00  | -7.30 | QP       | 101    | 7    |
| 6   | *   | 109.0286 | 54.77         | 11.91       | 43.22        | 2.34       | 25.80        | 30.00  | -4.20 | QP       | 101    | 14   |

### Radiated Emission Measurement

File : Sharp NEC

Date: 2024/9/3



Site: 10m Chamber 1#

Polarization: **Horizontal**

Temperature: 26

Limit: (RE10M)EN55032 Class B

Power: AC 120V/60Hz

Humidity: 60 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode: HDMI mode

Note:

| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measurement | Limit  | Over   | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|-------------|--------|--------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m      | dBuV/m | dB     | Detector | cm     | deg. |
| 1   |     | 46.6664  | 47.64         | 13.53       | 43.34        | 1.19       | 19.02       | 30.00  | -10.98 | QP       | 400    | 204  |
| 2   |     | 87.4177  | 53.25         | 9.25        | 43.21        | 1.68       | 20.97       | 30.00  | -9.03  | QP       | 213    | 33   |
| 3   | *   | 104.1701 | 51.42         | 11.58       | 43.18        | 1.82       | 21.64       | 30.00  | -8.36  | QP       | 213    | 124  |
| 4   |     | 127.2176 | 49.89         | 10.38       | 43.25        | 1.9        | 18.92       | 30.00  | -11.08 | QP       | 400    | 339  |
| 5   |     | 149.4857 | 51.53         | 9.23        | 43.32        | 2.09       | 19.53       | 30.00  | -10.47 | QP       | 400    | 267  |
| 6   |     | 265.6757 | 54.51         | 13.03       | 42.63        | 3.48       | 28.39       | 37.00  | -8.61  | QP       | 213    | 301  |

\*:Maximum data    x:Over limit    !:over margin

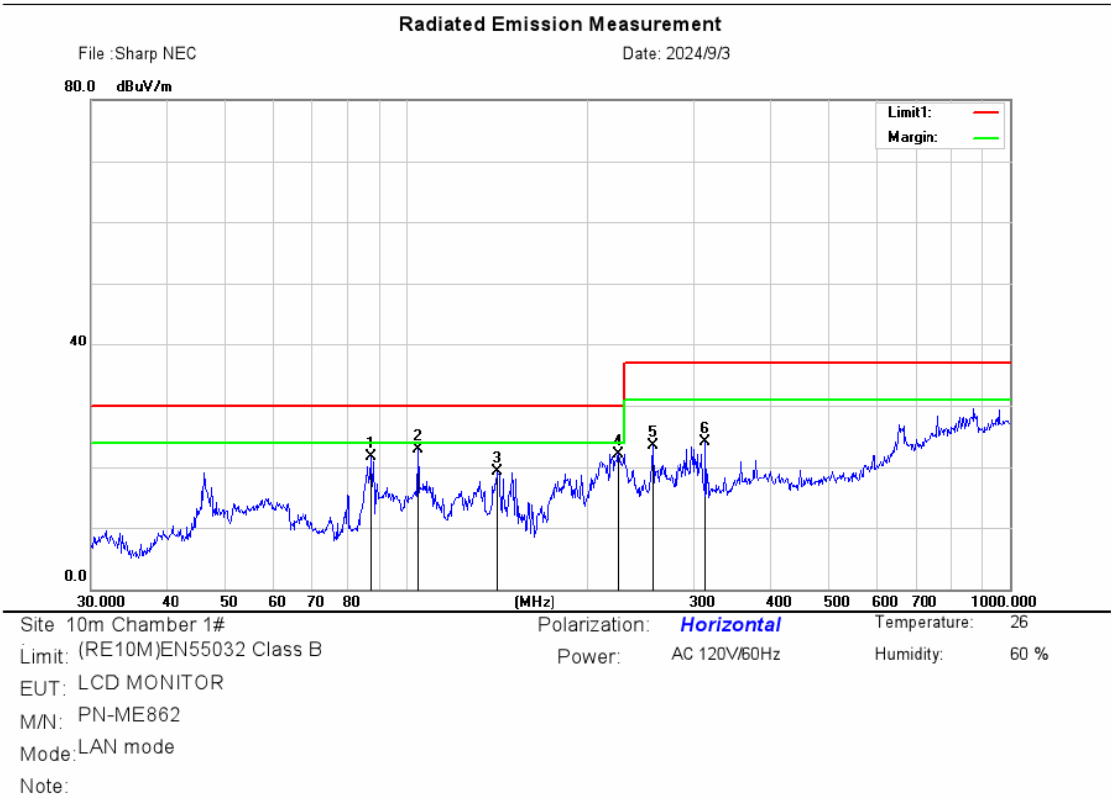
Operator: Shuo Tian

Date: 2024/9/3

Note:

| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measurement | Limit  | Over  | HI       | Degree |      |         |
|-----|-----|----------|---------------|-------------|--------------|------------|-------------|--------|-------|----------|--------|------|---------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m      | dBuV/m | dB    | Detector | cm     | deg. | Comment |
| 1   |     | 31.8427  | 51.90         | 11.51       | 43.31        | 1.3        | 21.40       | 30.00  | -8.60 | QP       | 100    | 309  |         |
| 2   |     | 46.3402  | 49.93         | 14.2        | 43.28        | 1.45       | 22.30       | 30.00  | -7.70 | QP       | 100    | 183  |         |
| 3   | I   | 50.2324  | 53.03         | 14.18       | 43.28        | 1.47       | 25.40       | 30.00  | -4.60 | QP       | 100    | 176  |         |
| 4   | *   | 59.4405  | 54.59         | 12.73       | 43.26        | 1.64       | 25.70       | 30.00  | -4.30 | QP       | 100    | 142  |         |
| 5   | I   | 91.4950  | 54.57         | 10.67       | 43.21        | 2.17       | 24.20       | 30.00  | -5.80 | QP       | 199    | 359  |         |
| 6   | I   | 109.0286 | 54.27         | 11.91       | 43.22        | 2.34       | 25.30       | 30.00  | -4.70 | QP       | 199    | 359  |         |

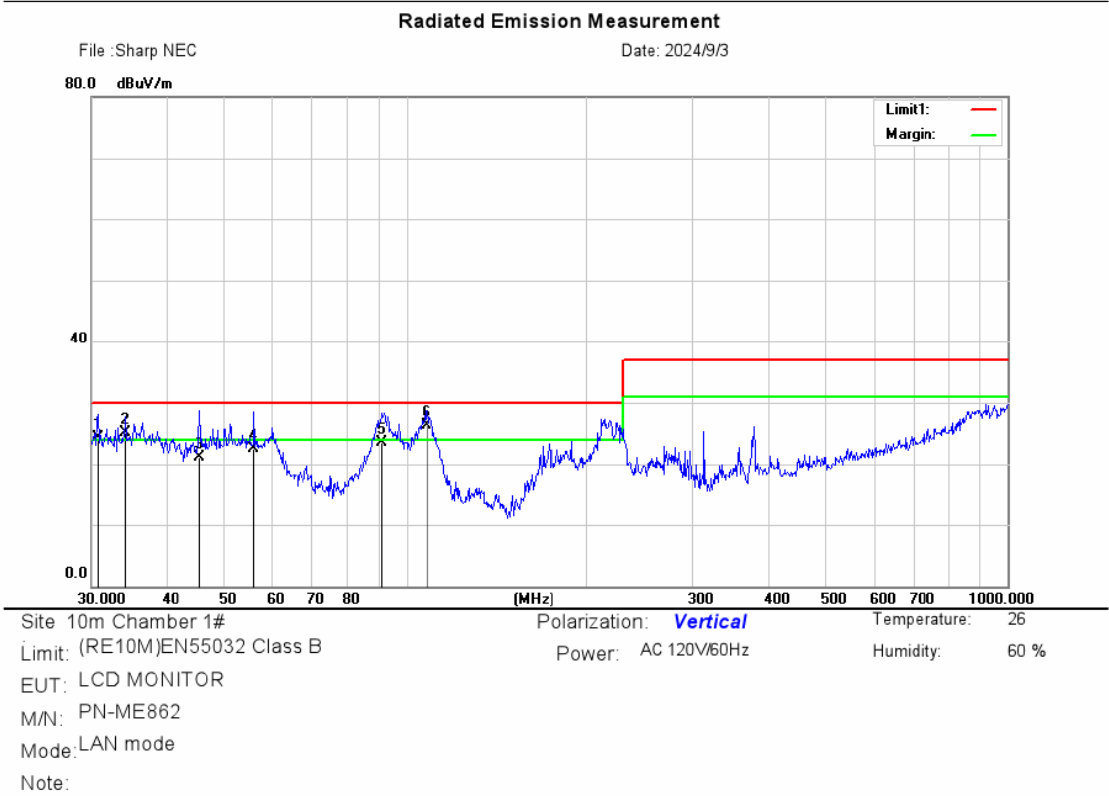
Operator: Shuo Tian



| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over   | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|--------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB     | Detector | cm     | deg. |
| 1   |     | 87.1117  | 53.98         | 9.23        | 43.21        | 1.67       | 21.67        | 30.00  | -8.33  | QP       | 238    | 299  |
| 2   | *   | 104.1701 | 52.77         | 11.58       | 43.18        | 1.82       | 22.99        | 30.00  | -7.01  | QP       | 400    | 327  |
| 3   |     | 141.3298 | 51.01         | 9.65        | 43.3         | 1.98       | 19.34        | 30.00  | -10.66 | QP       | 238    | 232  |
| 4   |     | 224.5193 | 50.92         | 11.63       | 43.16        | 2.81       | 22.20        | 30.00  | -7.80  | QP       | 238    | 308  |
| 5   |     | 255.6231 | 50.32         | 12.69       | 42.76        | 3.18       | 23.43        | 37.00  | -13.57 | QP       | 400    | 223  |
| 6   |     | 313.2760 | 47.45         | 14.39       | 42.09        | 4.32       | 24.07        | 37.00  | -12.93 | QP       | 238    | 214  |

\*:Maximum data    x:Over limit    !:over margin

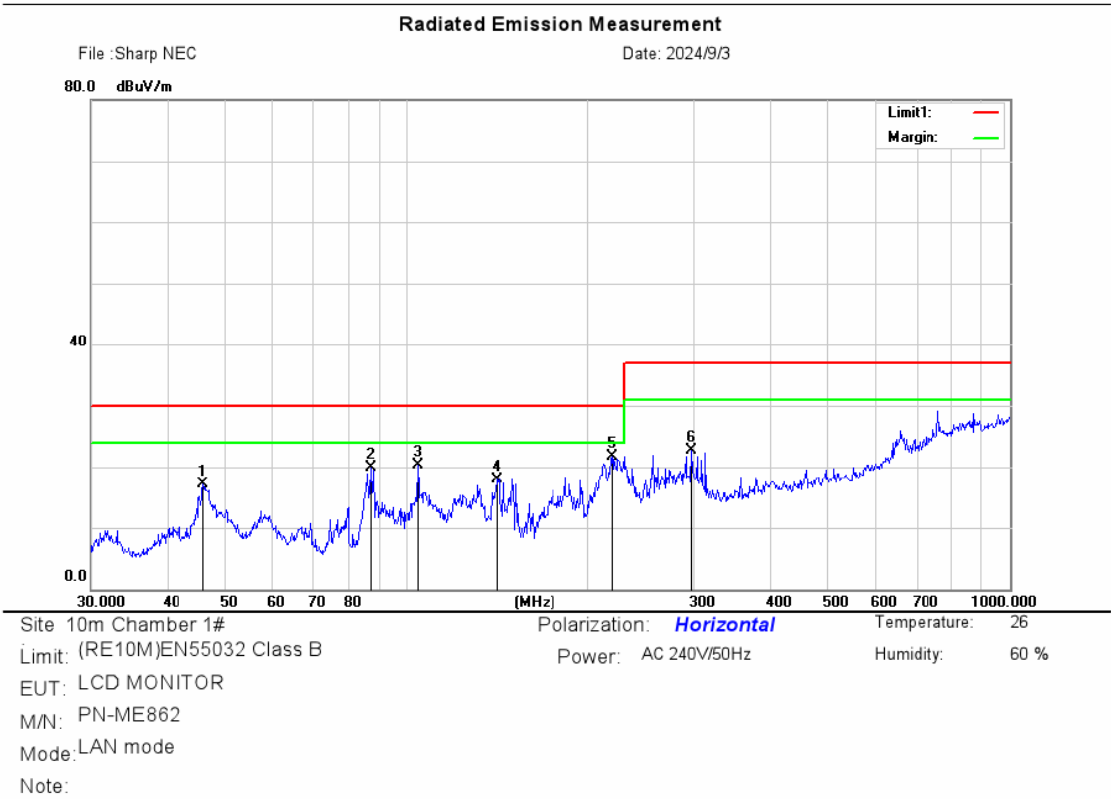
Operator: Shuo Tian



| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over  | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|-------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB    | Detector | cm     | deg. |
| 1   | !   | 30.7455  | 54.88         | 11.44       | 43.31        | 1.29       | 24.30        | 30.00  | -5.70 | QP       | 100    | 277  |
| 2   | !   | 34.1561  | 55.42         | 11.65       | 43.3         | 1.33       | 25.10        | 30.00  | -4.90 | QP       | 100    | 166  |
| 3   |     | 45.3755  | 48.75         | 14.2        | 43.29        | 1.44       | 21.10        | 30.00  | -8.90 | QP       | 100    | 177  |
| 4   |     | 55.8047  | 50.59         | 13.61       | 43.27        | 1.57       | 22.50        | 30.00  | -7.50 | QP       | 100    | 162  |
| 5   |     | 91.1746  | 54.03         | 10.61       | 43.21        | 2.17       | 23.60        | 30.00  | -6.40 | QP       | 100    | 205  |
| 6   | *   | 108.2667 | 55.36         | 11.92       | 43.22        | 2.34       | 26.40        | 30.00  | -3.60 | QP       | 100    | 9    |

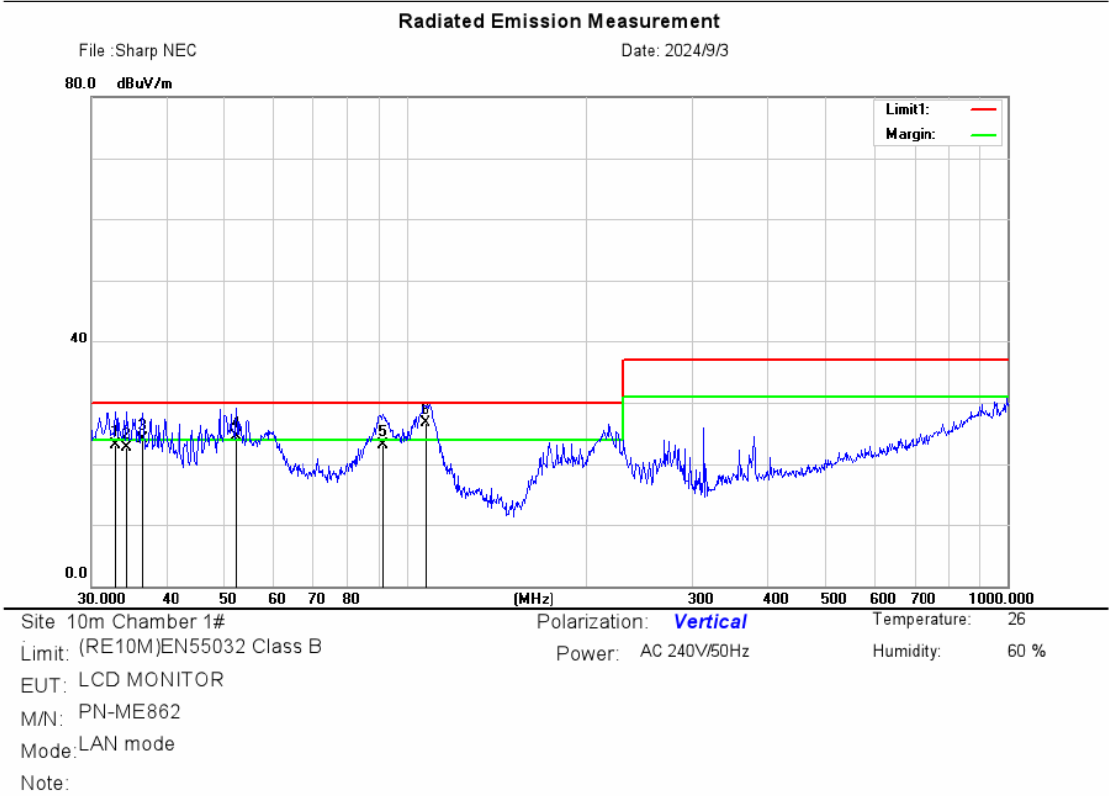
\*:Maximum data    x:Over limit    !:over margin

Operator: Shuo Tian



| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over   | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|--------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB     | Detector | cm     | deg. |
| 1   |     | 46.0164  | 45.68         | 13.56       | 43.34        | 1.18       | 17.08        | 30.00  | -12.92 | QP       | 400    | 35   |
| 2   |     | 87.1117  | 52.21         | 9.23        | 43.21        | 1.67       | 19.90        | 30.00  | -10.10 | QP       | 400    | 5    |
| 3   |     | 104.1701 | 50.11         | 11.58       | 43.18        | 1.82       | 20.33        | 30.00  | -9.67  | QP       | 209    | 254  |
| 4   |     | 141.3298 | 49.66         | 9.65        | 43.3         | 1.98       | 17.99        | 30.00  | -12.01 | QP       | 400    | 90   |
| 5   | *   | 219.0753 | 50.80         | 11.45       | 43.23        | 2.76       | 21.78        | 30.00  | -8.22  | QP       | 209    | 307  |
| 6   |     | 297.2241 | 46.51         | 14.11       | 42.23        | 4.22       | 22.61        | 37.00  | -14.39 | QP       | 209    | 83   |

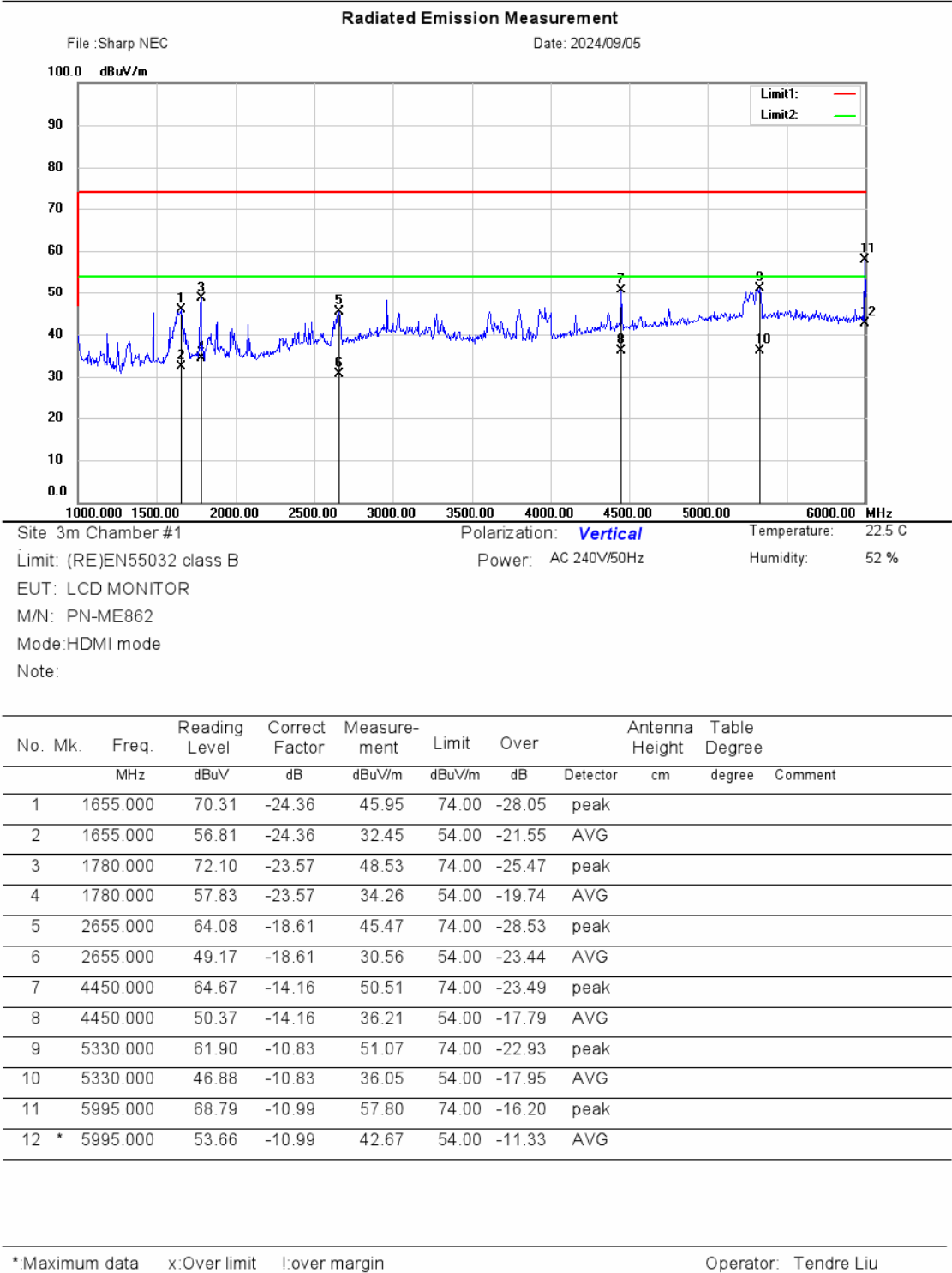
\*:Maximum data    x:Over limit    !:over margin



| No. | Mk. | Freq.    | Reading Level | Ant. Factor | Pre Amp Gain | Cable loss | Measure-ment | Limit  | Over  | HI       | Degree |      |
|-----|-----|----------|---------------|-------------|--------------|------------|--------------|--------|-------|----------|--------|------|
|     |     | MHz      | dBuV          | dB/m        | dB           | dB         | dBuV/m       | dBuV/m | dB    | Detector | cm     | deg. |
| 1   |     | 32.8637  | 53.62         | 11.57       | 43.31        | 1.32       | 23.20        | 30.00  | -6.80 | QP       | 199    | 359  |
| 2   |     | 34.2760  | 53.10         | 11.66       | 43.3         | 1.34       | 22.80        | 30.00  | -7.20 | QP       | 100    | 345  |
| 3   | I   | 36.3814  | 53.90         | 12.14       | 43.3         | 1.36       | 24.10        | 30.00  | -5.90 | QP       | 100    | 176  |
| 4   | I   | 52.2080  | 52.25         | 14.02       | 43.28        | 1.51       | 24.50        | 30.00  | -5.50 | QP       | 199    | 156  |
| 5   |     | 91.4950  | 53.47         | 10.67       | 43.21        | 2.17       | 23.10        | 30.00  | -6.90 | QP       | 199    | 359  |
| 6   | *   | 107.5101 | 55.76         | 11.92       | 43.22        | 2.34       | 26.80        | 30.00  | -3.20 | QP       | 199    | 359  |

\*:Maximum data    x:Over limit    I:over margin

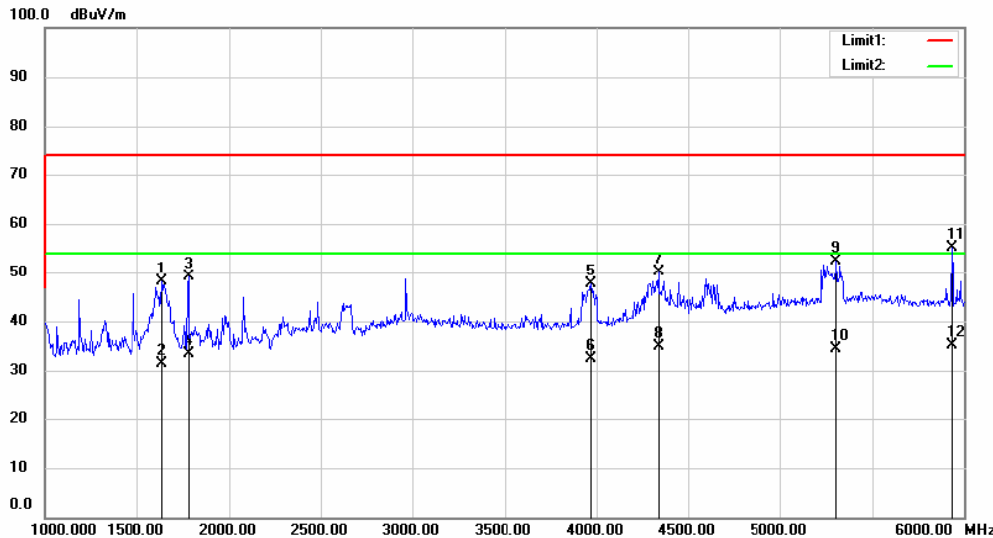
Operator: Shuo Tian



### Radiated Emission Measurement

File :Sharp NEC

Date: 2024/09/05



Site 3m Chamber #1

Polarization: **Horizontal**

Temperature: 22.5 C

Limit: (RE)EN55032 class B

Power: AC 240V/50Hz

Humidity: 52 %

EUT: LCD MONITOR

M/N: PN-ME862

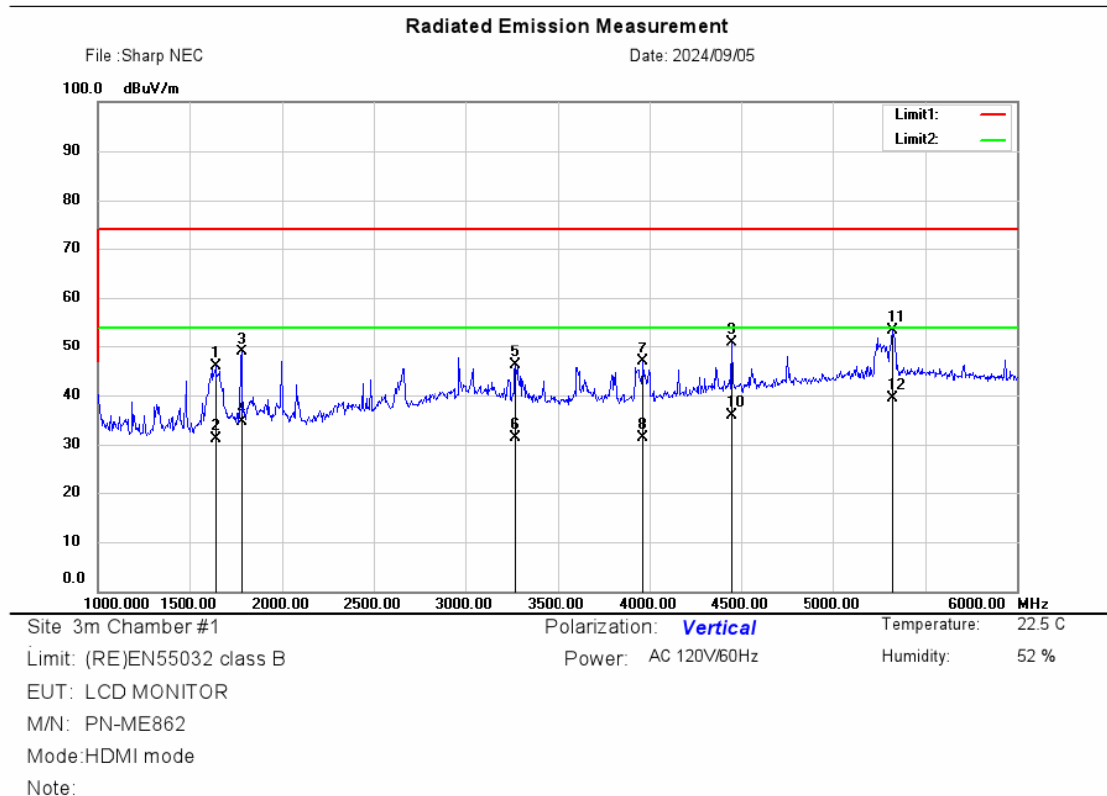
Mode:HDMI mode

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | cm             | degree       | Comment |
| 1   |     | 1635.000 | 72.49         | -24.48         | 48.01       | 74.00  | -25.99 | peak           |              |         |
| 2   |     | 1635.000 | 55.76         | -24.48         | 31.28       | 54.00  | -22.72 | AVG            |              |         |
| 3   |     | 1780.000 | 72.82         | -23.57         | 49.25       | 74.00  | -24.75 | peak           |              |         |
| 4   |     | 1780.000 | 56.98         | -23.57         | 33.41       | 54.00  | -20.59 | AVG            |              |         |
| 5   |     | 3970.000 | 64.46         | -16.80         | 47.66       | 74.00  | -26.34 | peak           |              |         |
| 6   |     | 3970.000 | 49.25         | -16.80         | 32.45       | 54.00  | -21.55 | AVG            |              |         |
| 7   |     | 4340.000 | 64.83         | -14.79         | 50.04       | 74.00  | -23.96 | peak           |              |         |
| 8   |     | 4340.000 | 49.79         | -14.79         | 35.00       | 54.00  | -19.00 | AVG            |              |         |
| 9   |     | 5305.000 | 63.25         | -10.88         | 52.37       | 74.00  | -21.63 | peak           |              |         |
| 10  |     | 5305.000 | 45.18         | -10.88         | 34.30       | 54.00  | -19.70 | AVG            |              |         |
| 11  | *   | 5935.000 | 66.15         | -10.98         | 55.17       | 74.00  | -18.83 | peak           |              |         |
| 12  |     | 5935.000 | 45.99         | -10.98         | 35.01       | 54.00  | -18.99 | AVG            |              |         |

\*:Maximum data x:Over limit l:over margin

Operator: Tendre Liu



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |        |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|--------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | Detector       | cm           | degree | Comment |
| 1   |     | 1640.000 | 70.33         | -24.46         | 45.87       | 74.00  | -28.13 | peak           |              |        |         |
| 2   |     | 1640.000 | 55.71         | -24.46         | 31.25       | 54.00  | -22.75 | AVG            |              |        |         |
| 3   |     | 1780.000 | 72.36         | -23.57         | 48.79       | 74.00  | -25.21 | peak           |              |        |         |
| 4   |     | 1780.000 | 58.13         | -23.57         | 34.56       | 54.00  | -19.44 | AVG            |              |        |         |
| 5   |     | 3270.000 | 62.99         | -16.91         | 46.08       | 74.00  | -27.92 | peak           |              |        |         |
| 6   |     | 3270.000 | 48.36         | -16.91         | 31.45       | 54.00  | -22.55 | AVG            |              |        |         |
| 7   |     | 3965.000 | 63.79         | -16.81         | 46.98       | 74.00  | -27.02 | peak           |              |        |         |
| 8   |     | 3965.000 | 48.31         | -16.81         | 31.50       | 54.00  | -22.50 | AVG            |              |        |         |
| 9   |     | 4450.000 | 65.14         | -14.16         | 50.98       | 74.00  | -23.02 | peak           |              |        |         |
| 10  |     | 4450.000 | 50.16         | -14.16         | 36.00       | 54.00  | -18.00 | AVG            |              |        |         |
| 11  |     | 5320.000 | 64.14         | -10.85         | 53.29       | 74.00  | -20.71 | peak           |              |        |         |
| 12  | *   | 5320.000 | 50.30         | -10.85         | 39.45       | 54.00  | -14.55 | AVG            |              |        |         |

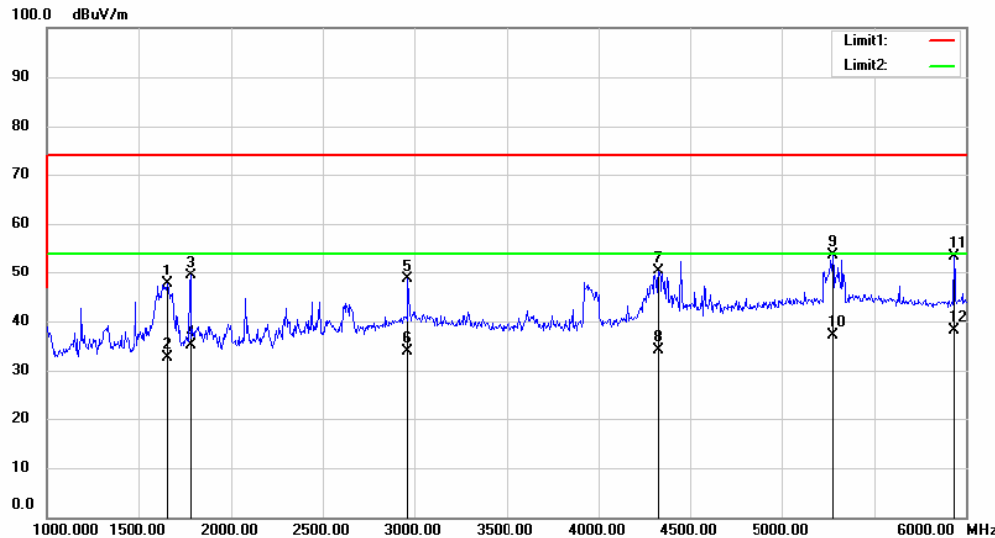
\*:Maximum data      x:Over limit      !:over margin

Operator: Tendre Liu

**Radiated Emission Measurement**

File :Sharp NEC

Date: 2024/09/05



Site 3m Chamber #1

Polarization: **Horizontal**

Temperature: 22.5 C

Limit: (RE)EN55032 class B

Power: AC 120V/60Hz

Humidity: 52 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode:HDMI mode

Note:

| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | cm             | degree       | Comment |
| 1       | 1655.000 | 71.96         | -24.36         | 47.60       | 74.00  | -26.40 | peak           |              |         |
| 2       | 1655.000 | 57.00         | -24.36         | 32.64       | 54.00  | -21.36 | AVG            |              |         |
| 3       | 1780.000 | 72.93         | -23.57         | 49.36       | 74.00  | -24.64 | peak           |              |         |
| 4       | 1780.000 | 58.63         | -23.57         | 35.06       | 54.00  | -18.94 | AVG            |              |         |
| 5       | 2965.000 | 65.41         | -16.70         | 48.71       | 74.00  | -25.29 | peak           |              |         |
| 6       | 2965.000 | 50.70         | -16.70         | 34.00       | 54.00  | -20.00 | AVG            |              |         |
| 7       | 4330.000 | 65.33         | -14.86         | 50.47       | 74.00  | -23.53 | peak           |              |         |
| 8       | 4330.000 | 49.01         | -14.86         | 34.15       | 54.00  | -19.85 | AVG            |              |         |
| 9       | 5275.000 | 64.50         | -10.93         | 53.57       | 74.00  | -20.43 | peak           |              |         |
| 10      | 5275.000 | 48.09         | -10.93         | 37.16       | 54.00  | -16.84 | AVG            |              |         |
| 11      | 5935.000 | 64.48         | -10.98         | 53.50       | 74.00  | -20.50 | peak           |              |         |
| 12 *    | 5935.000 | 49.23         | -10.98         | 38.25       | 54.00  | -15.75 | AVG            |              |         |

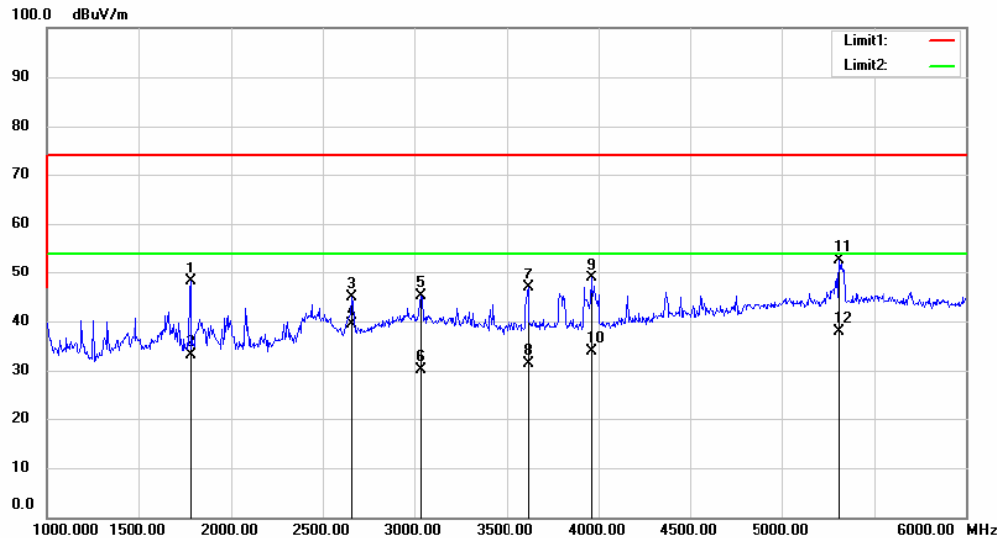
\*:Maximum data x:Over limit l:over margin

Operator: Tendre Liu

### Radiated Emission Measurement

File :Sharp NEC

Date: 2024/09/05



Site 3m Chamber #1

Polarization: **Vertical**

Temperature: 22.5 C

Limit: (RE)EN55032 class B

Power: AC 120V/60Hz

Humidity: 52 %

EUT: LCD MONITOR

M/N: PN-ME862

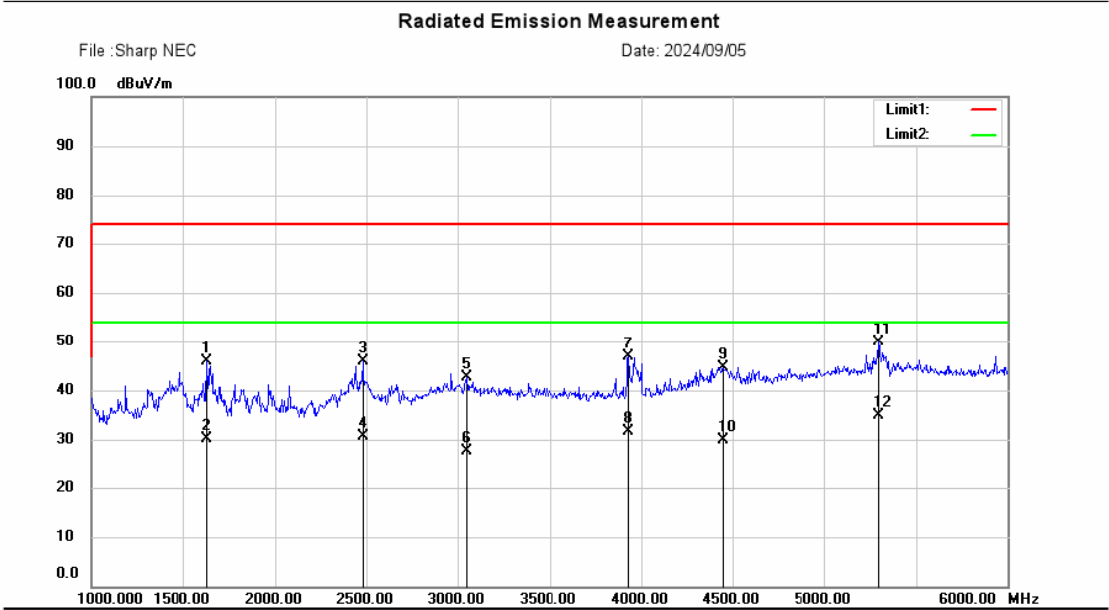
Mode:USB mode

Note:

| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | cm             | degree       | Comment |
| 1       | 1780.000 | 71.74         | -23.57         | 48.17       | 74.00  | -25.83 | peak           |              |         |
| 2       | 1780.000 | 56.67         | -23.57         | 33.10       | 54.00  | -20.90 | AVG            |              |         |
| 3       | 2655.000 | 63.58         | -18.61         | 44.97       | 74.00  | -29.03 | peak           |              |         |
| 4 *     | 2655.000 | 58.06         | -18.61         | 39.45       | 54.00  | -14.55 | AVG            |              |         |
| 5       | 3035.000 | 61.59         | -16.55         | 45.04       | 74.00  | -28.96 | peak           |              |         |
| 6       | 3035.000 | 46.80         | -16.55         | 30.25       | 54.00  | -23.75 | AVG            |              |         |
| 7       | 3620.000 | 63.92         | -17.15         | 46.77       | 74.00  | -27.23 | peak           |              |         |
| 8       | 3620.000 | 48.55         | -17.15         | 31.40       | 54.00  | -22.60 | AVG            |              |         |
| 9       | 3960.000 | 65.71         | -16.81         | 48.90       | 74.00  | -25.10 | peak           |              |         |
| 10      | 3960.000 | 50.61         | -16.81         | 33.80       | 54.00  | -20.20 | AVG            |              |         |
| 11      | 5310.000 | 63.58         | -10.87         | 52.71       | 74.00  | -21.29 | peak           |              |         |
| 12      | 5310.000 | 48.76         | -10.87         | 37.89       | 54.00  | -16.11 | AVG            |              |         |

\*:Maximum data    x:Over limit    !:over margin

Operator: Tendre Liu



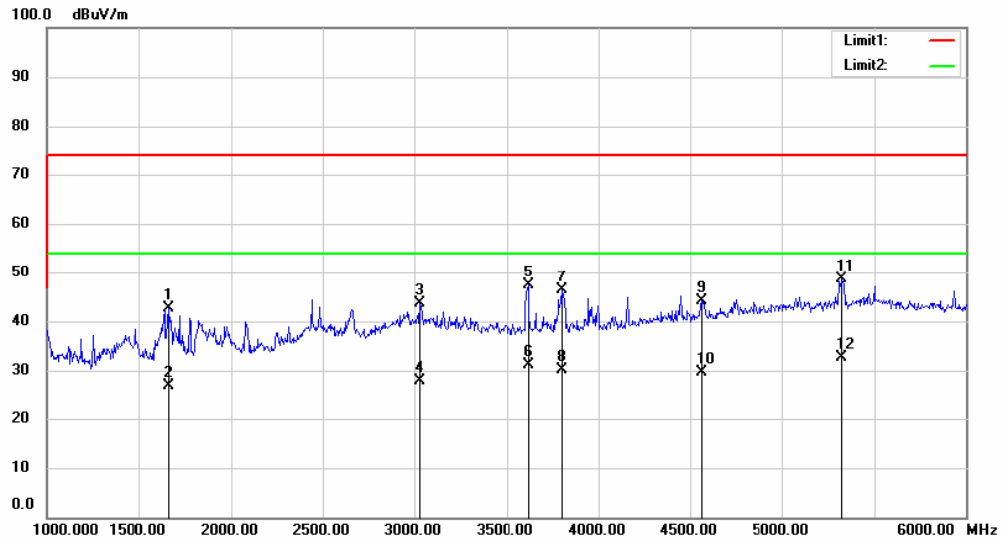
Site 3m Chamber #1                      Polarization: **Horizontal**                      Temperature: 22.5 C  
Limit: (RE)EN55032 class B                      Power: AC 120V/60Hz                      Humidity: 52 %  
EUT: LCD MONITOR  
M/N: PN-ME862  
Mode:USB mode  
Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-ment | Limit  | Over   | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|--------------|--------|--------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m       | dBuV/m | dB     | cm             | degree       | Comment |
| 1   |     | 1630.000 | 70.48         | -24.52         | 45.96        | 74.00  | -28.04 | peak           |              |         |
| 2   |     | 1630.000 | 54.77         | -24.52         | 30.25        | 54.00  | -23.75 | AVG            |              |         |
| 3   |     | 2480.000 | 65.60         | -19.70         | 45.90        | 74.00  | -28.10 | peak           |              |         |
| 4   |     | 2480.000 | 50.28         | -19.70         | 30.58        | 54.00  | -23.42 | AVG            |              |         |
| 5   |     | 3050.000 | 59.15         | -16.58         | 42.57        | 74.00  | -31.43 | peak           |              |         |
| 6   |     | 3050.000 | 44.16         | -16.58         | 27.58        | 54.00  | -26.42 | AVG            |              |         |
| 7   |     | 3930.000 | 63.80         | -16.85         | 46.95        | 74.00  | -27.05 | peak           |              |         |
| 8   |     | 3930.000 | 48.41         | -16.85         | 31.56        | 54.00  | -22.44 | AVG            |              |         |
| 9   |     | 4450.000 | 58.84         | -14.16         | 44.68        | 74.00  | -29.32 | peak           |              |         |
| 10  |     | 4450.000 | 44.04         | -14.16         | 29.88        | 54.00  | -24.12 | AVG            |              |         |
| 11  |     | 5295.000 | 60.86         | -10.88         | 49.98        | 74.00  | -24.02 | peak           |              |         |
| 12  | *   | 5295.000 | 45.88         | -10.88         | 35.00        | 54.00  | -19.00 | AVG            |              |         |

### Radiated Emission Measurement

File :Sharp NEC

Date: 2024/09/05



Site 3m Chamber #1

Polarization: **Vertical**

Temperature: 22.5 C

Limit: (RE)EN55032 class B

Power: AC 240V/50Hz

Humidity: 52 %

EUT: LCD MONITOR

M/N: PN-ME862

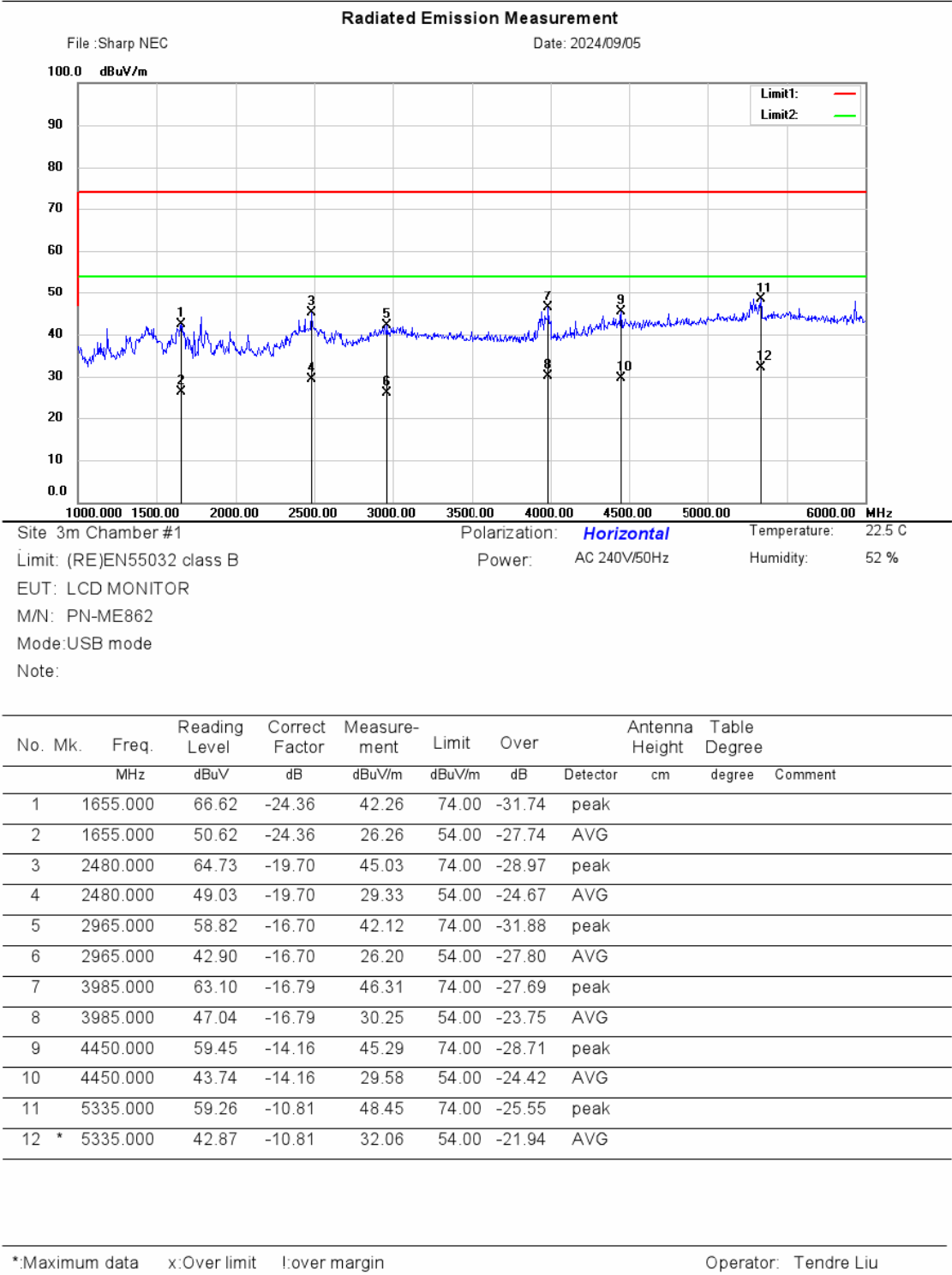
Mode:USB mode

Note:

| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |         |
|-----|-----|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | cm             | degree       | Comment |
| 1   |     | 1660.000 | 67.03         | -24.33         | 42.70       | 74.00  | -31.30 | peak           |              |         |
| 2   |     | 1660.000 | 51.11         | -24.33         | 26.78       | 54.00  | -27.22 | AVG            |              |         |
| 3   |     | 3030.000 | 60.09         | -16.54         | 43.55       | 74.00  | -30.45 | peak           |              |         |
| 4   |     | 3030.000 | 44.42         | -16.54         | 27.88       | 54.00  | -26.12 | AVG            |              |         |
| 5   |     | 3620.000 | 64.44         | -17.15         | 47.29       | 74.00  | -26.71 | peak           |              |         |
| 6   |     | 3620.000 | 48.35         | -17.15         | 31.20       | 54.00  | -22.80 | AVG            |              |         |
| 7   |     | 3800.000 | 63.49         | -16.99         | 46.50       | 74.00  | -27.50 | peak           |              |         |
| 8   |     | 3800.000 | 47.14         | -16.99         | 30.15       | 54.00  | -23.85 | AVG            |              |         |
| 9   |     | 4560.000 | 57.82         | -13.62         | 44.20       | 74.00  | -29.80 | peak           |              |         |
| 10  |     | 4560.000 | 43.18         | -13.62         | 29.56       | 54.00  | -24.44 | AVG            |              |         |
| 11  |     | 5325.000 | 59.45         | -10.83         | 48.62       | 74.00  | -25.38 | peak           |              |         |
| 12  | *   | 5325.000 | 43.39         | -10.83         | 32.56       | 54.00  | -21.44 | AVG            |              |         |

\*:Maximum data    x:Over limit    l:over margin

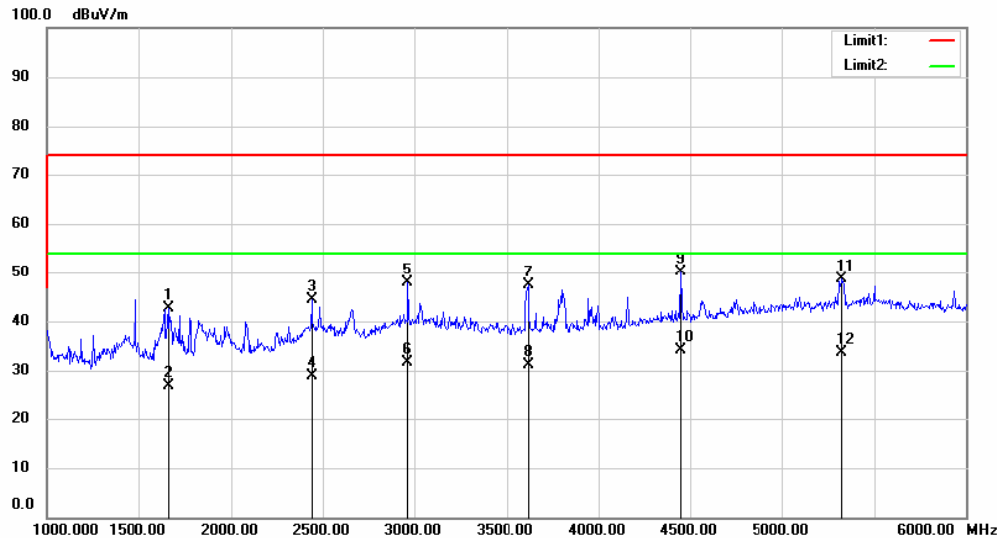
Operator: Tendre Liu



### Radiated Emission Measurement

File :Sharp NEC

Date: 2024/09/05



Site 3m Chamber #1

Polarization: **Vertical**

Temperature: 22.5 C

Limit: (RE)EN55032 class B

Power: AC 240V/50Hz

Humidity: 52 %

EUT: LCD MONITOR

M/N: PN-ME862

Mode:LAN mode

Note:

| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | cm             | degree       | Comment |
| 1       | 1660.000 | 67.03         | -24.33         | 42.70       | 74.00  | -31.30 | peak           |              |         |
| 2       | 1660.000 | 51.10         | -24.33         | 26.77       | 54.00  | -27.23 | AVG            |              |         |
| 3       | 2440.000 | 64.48         | -19.99         | 44.49       | 74.00  | -29.51 | peak           |              |         |
| 4       | 2440.000 | 48.76         | -19.99         | 28.77       | 54.00  | -25.23 | AVG            |              |         |
| 5       | 2965.000 | 64.62         | -16.70         | 47.92       | 74.00  | -26.08 | peak           |              |         |
| 6       | 2965.000 | 48.26         | -16.70         | 31.56       | 54.00  | -22.44 | AVG            |              |         |
| 7       | 3620.000 | 64.44         | -17.15         | 47.29       | 74.00  | -26.71 | peak           |              |         |
| 8       | 3620.000 | 48.17         | -17.15         | 31.02       | 54.00  | -22.98 | AVG            |              |         |
| 9       | 4450.000 | 64.27         | -14.16         | 50.11       | 74.00  | -23.89 | peak           |              |         |
| 10 *    | 4450.000 | 48.28         | -14.16         | 34.12       | 54.00  | -19.88 | AVG            |              |         |
| 11      | 5325.000 | 59.45         | -10.83         | 48.62       | 74.00  | -25.38 | peak           |              |         |
| 12      | 5325.000 | 44.39         | -10.83         | 33.56       | 54.00  | -20.44 | AVG            |              |         |

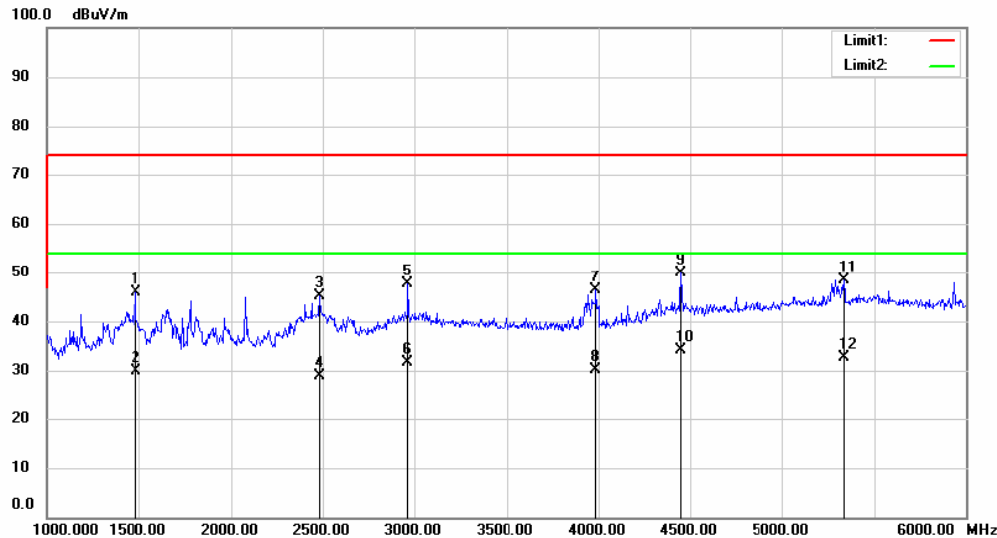
\*:Maximum data    x:Over limit    !:over margin

Operator: Tendre Liu

**Radiated Emission Measurement**

File :Sharp NEC

Date: 2024/09/05



Site 3m Chamber #1

Polarization: **Horizontal**

Temperature: 22.5 C

Limit: (RE)EN55032 class B

Power: AC 240V/50Hz

Humidity: 52 %

EUT: LCD MONITOR

M/N: PN-ME862

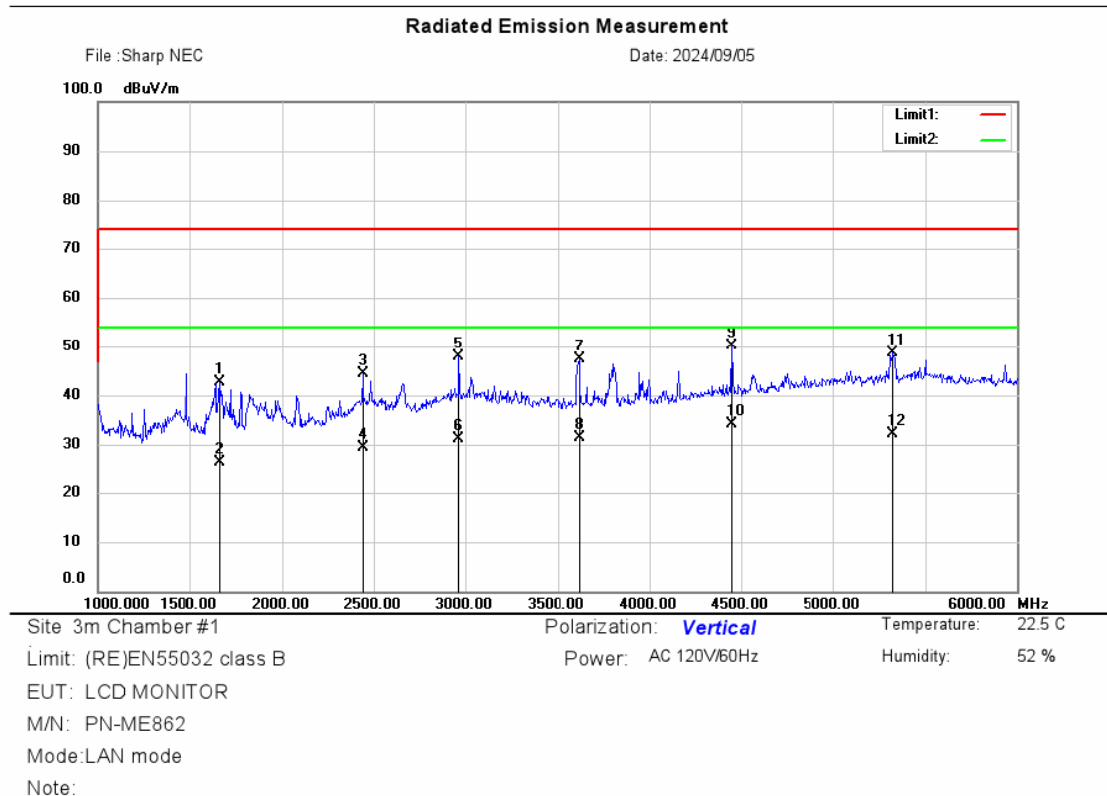
Mode:LAN mode

Note:

| No. Mk. | Freq.    | Reading Level | Correct Factor | Measurement | Limit  | Over   | Antenna Height | Table Degree |         |
|---------|----------|---------------|----------------|-------------|--------|--------|----------------|--------------|---------|
|         | MHz      | dBuV          | dB             | dBuV/m      | dBuV/m | dB     | cm             | degree       | Comment |
| 1       | 1480.000 | 70.59         | -24.83         | 45.76       | 74.00  | -28.24 | peak           |              |         |
| 2       | 1480.000 | 54.61         | -24.83         | 29.78       | 54.00  | -24.22 | AVG            |              |         |
| 3       | 2480.000 | 64.73         | -19.70         | 45.03       | 74.00  | -28.97 | peak           |              |         |
| 4       | 2480.000 | 48.70         | -19.70         | 29.00       | 54.00  | -25.00 | AVG            |              |         |
| 5       | 2965.000 | 64.32         | -16.70         | 47.62       | 74.00  | -26.38 | peak           |              |         |
| 6       | 2965.000 | 48.36         | -16.70         | 31.66       | 54.00  | -22.34 | AVG            |              |         |
| 7       | 3985.000 | 63.10         | -16.79         | 46.31       | 74.00  | -27.69 | peak           |              |         |
| 8       | 3985.000 | 47.04         | -16.79         | 30.25       | 54.00  | -23.75 | AVG            |              |         |
| 9       | 4450.000 | 63.95         | -14.16         | 49.79       | 74.00  | -24.21 | peak           |              |         |
| 10 *    | 4450.000 | 48.21         | -14.16         | 34.05       | 54.00  | -19.95 | AVG            |              |         |
| 11      | 5335.000 | 59.26         | -10.81         | 48.45       | 74.00  | -25.55 | peak           |              |         |
| 12      | 5335.000 | 43.37         | -10.81         | 32.56       | 54.00  | -21.44 | AVG            |              |         |

\*:Maximum data    x:Over limit    !:over margin

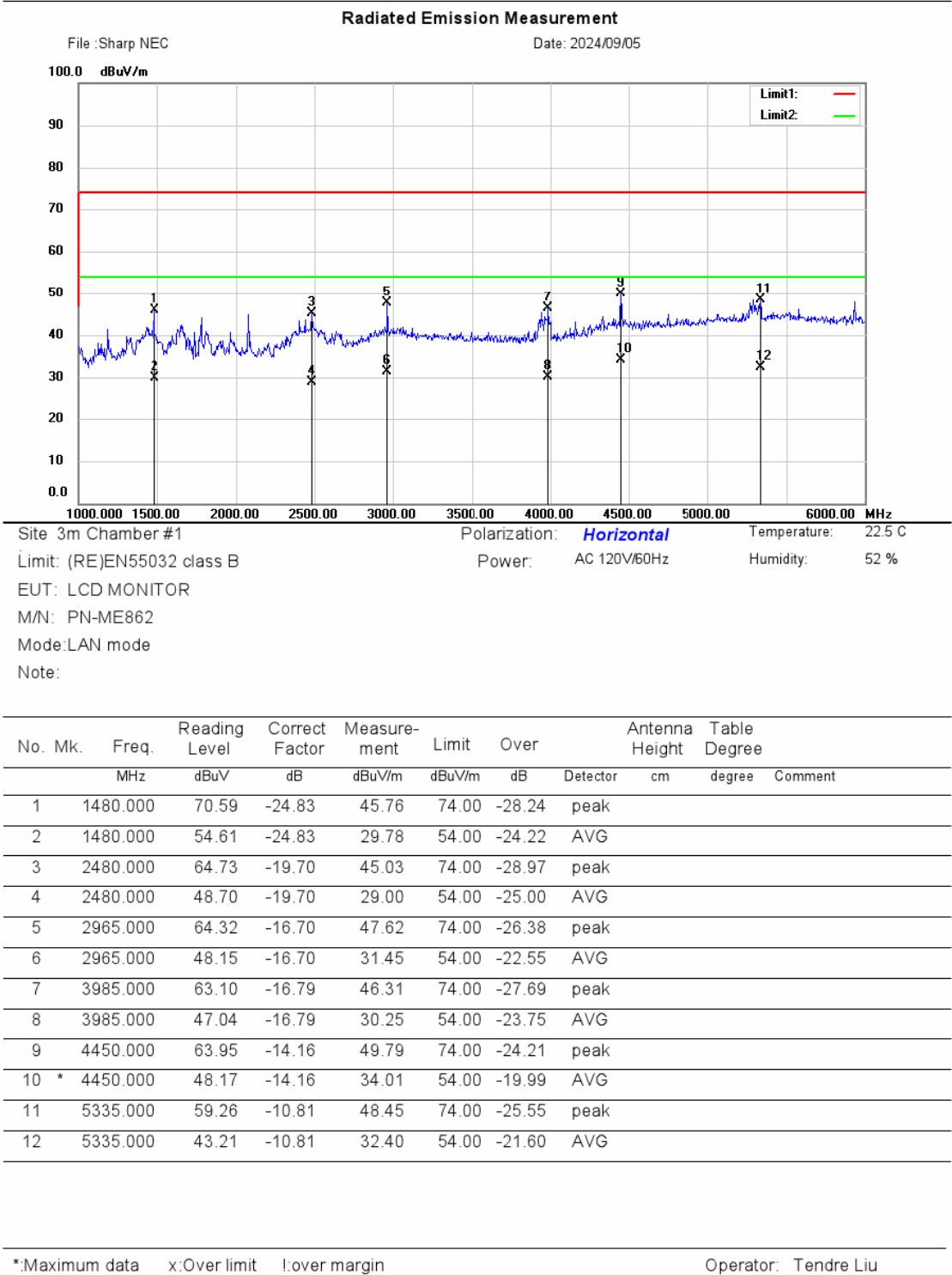
Operator: Tendre Liu



| No. | Mk. | Freq.    | Reading Level | Correct Factor | Measure-<br>ment | Limit  | Over   | Antenna<br>Height | Table<br>Degree |        |         |
|-----|-----|----------|---------------|----------------|------------------|--------|--------|-------------------|-----------------|--------|---------|
|     |     | MHz      | dBuV          | dB             | dBuV/m           | dBuV/m | dB     | Detector          | cm              | degree | Comment |
| 1   |     | 1660.000 | 67.03         | -24.33         | 42.70            | 74.00  | -31.30 | peak              |                 |        |         |
| 2   |     | 1660.000 | 50.78         | -24.33         | 26.45            | 54.00  | -27.55 | AVG               |                 |        |         |
| 3   |     | 2440.000 | 64.48         | -19.99         | 44.49            | 74.00  | -29.51 | peak              |                 |        |         |
| 4   |     | 2440.000 | 49.43         | -19.99         | 29.44            | 54.00  | -24.56 | AVG               |                 |        |         |
| 5   |     | 2965.000 | 64.62         | -16.70         | 47.92            | 74.00  | -26.08 | peak              |                 |        |         |
| 6   |     | 2965.000 | 47.78         | -16.70         | 31.08            | 54.00  | -22.92 | AVG               |                 |        |         |
| 7   |     | 3620.000 | 64.44         | -17.15         | 47.29            | 74.00  | -26.71 | peak              |                 |        |         |
| 8   |     | 3620.000 | 48.44         | -17.15         | 31.29            | 54.00  | -22.71 | AVG               |                 |        |         |
| 9   |     | 4450.000 | 64.27         | -14.16         | 50.11            | 74.00  | -23.89 | peak              |                 |        |         |
| 10  | *   | 4450.000 | 48.26         | -14.16         | 34.10            | 54.00  | -19.90 | AVG               |                 |        |         |
| 11  |     | 5325.000 | 59.45         | -10.83         | 48.62            | 74.00  | -25.38 | peak              |                 |        |         |
| 12  |     | 5325.000 | 42.98         | -10.83         | 32.15            | 54.00  | -21.85 | AVG               |                 |        |         |

\*:Maximum data      x:Over limit      !:over margin

Operator: Tendre Liu



California Instruments  
San Diego, California

**Harmonics – Class-D per IEC 61000-3-2:2018/AMD1:2020(Run time)**

EUT: LCD MONITOR (PN-ME862)

Test category: Class-D (European limits)

Test date: 8/28/2024

Test duration (min): 2.5

Comment: Shower Dai

Customer: Customer

Tested by: Soloman Wu

Test Margin: 100

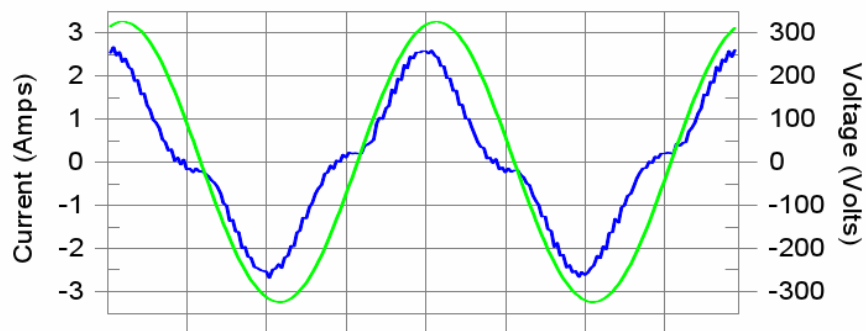
End time: 2:09:40 PM

Start time: 2:06:59 PM

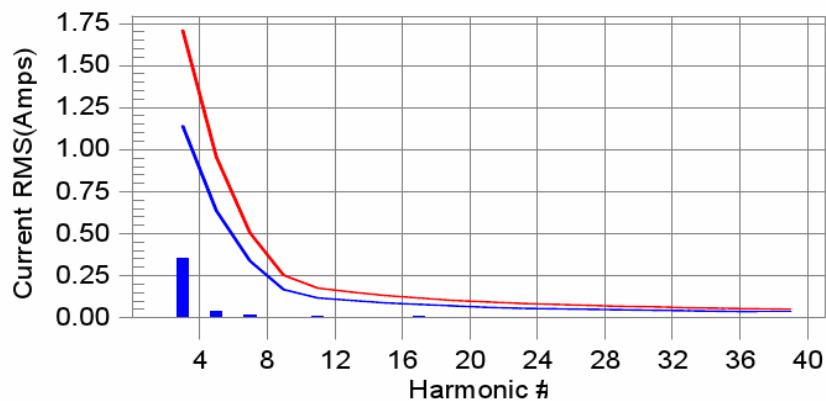
Data file name: H-000047.cts\_data

Test Result: Pass Source qualification: Normal

Current & voltage waveforms



Harmonics and Class D limit line      European Limits



Test result: Pass Worst harmonics H3-20.7% of 150% limit, H3-31% of 100% limit

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San Diego, California

### Current Test Result Summary (Run time)

EUT: LCD MONITOR (PN-ME862) Tested by: Soloman Wu  
Test category: Class-D (European limits) Test Margin: 100  
Test date: 8/28/2024 Start time: 2:06:59 PM End time: 2:09:40 PM  
Test duration (min): 2.5 Data file name: H-000047.cts\_data  
Comment: Shower Dai  
Customer: Customer

Test Result: Pass Source qualification: Normal  
THC(A): 0.355 I-THD(%): 23.6 POHC(A): 0.012 POHC Limit(A): 0.144

#### Highest parameter values during test:

V\_RMS (Volts): 230.30 Frequency(Hz): 50.00  
I\_Peak (Amps): 2.779 I\_RMS (Amps): 1.546  
I\_Fund (Amps): 1.503 Crest Factor: 1.798  
Power (Watts): 334.8 Power Factor: 0.941

| Harm# | Harms(avg) | 100%Limit | %of Limit | Harms(max) | 150%Limit | %of Limit | Status |
|-------|------------|-----------|-----------|------------|-----------|-----------|--------|
| 2     | 0.001      | 0.000     | N/A       | 0.002      | 0.000     | N/A       | Pass   |
| 3     | 0.353      | 1.138     | 31.0      | 0.354      | 1.707     | 20.7      | Pass   |
| 4     | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 5     | 0.036      | 0.636     | 5.6       | 0.036      | 0.954     | 3.8       | Pass   |
| 6     | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 7     | 0.014      | 0.335     | 4.1       | 0.014      | 0.502     | 2.9       | Pass   |
| 8     | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 9     | 0.005      | 0.167     | N/A       | 0.005      | 0.251     | N/A       | Pass   |
| 10    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 11    | 0.007      | 0.117     | N/A       | 0.008      | 0.176     | N/A       | Pass   |
| 12    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 13    | 0.004      | 0.100     | N/A       | 0.004      | 0.151     | N/A       | Pass   |
| 14    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 15    | 0.006      | 0.087     | N/A       | 0.007      | 0.131     | N/A       | Pass   |
| 16    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 17    | 0.007      | 0.077     | N/A       | 0.008      | 0.115     | N/A       | Pass   |
| 18    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 19    | 0.006      | 0.068     | N/A       | 0.007      | 0.102     | N/A       | Pass   |
| 20    | 0.001      | 0.000     | N/A       | 0.002      | 0.000     | N/A       | Pass   |
| 21    | 0.005      | 0.061     | N/A       | 0.006      | 0.092     | N/A       | Pass   |
| 22    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 23    | 0.005      | 0.056     | N/A       | 0.005      | 0.084     | N/A       | Pass   |
| 24    | 0.001      | 0.000     | N/A       | 0.002      | 0.000     | N/A       | Pass   |
| 25    | 0.005      | 0.052     | N/A       | 0.005      | 0.077     | N/A       | Pass   |
| 26    | 0.001      | 0.000     | N/A       | 0.002      | 0.000     | N/A       | Pass   |
| 27    | 0.004      | 0.048     | N/A       | 0.005      | 0.072     | N/A       | Pass   |
| 28    | 0.004      | 0.000     | N/A       | 0.005      | 0.000     | N/A       | Pass   |
| 29    | 0.003      | 0.045     | N/A       | 0.004      | 0.067     | N/A       | Pass   |
| 30    | 0.002      | 0.000     | N/A       | 0.003      | 0.000     | N/A       | Pass   |
| 31    | 0.004      | 0.042     | N/A       | 0.005      | 0.062     | N/A       | Pass   |
| 32    | 0.004      | 0.000     | N/A       | 0.004      | 0.000     | N/A       | Pass   |
| 33    | 0.003      | 0.039     | N/A       | 0.004      | 0.058     | N/A       | Pass   |
| 34    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 35    | 0.001      | 0.037     | N/A       | 0.001      | 0.055     | N/A       | Pass   |
| 36    | 0.000      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 37    | 0.001      | 0.035     | N/A       | 0.002      | 0.052     | N/A       | Pass   |
| 38    | 0.000      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |
| 39    | 0.002      | 0.033     | N/A       | 0.002      | 0.050     | N/A       | Pass   |
| 40    | 0.001      | 0.000     | N/A       | 0.001      | 0.000     | N/A       | Pass   |

Note: Dynamic limits were applied for this test. The highest harmonics values in the above table may not occur at the same window as the maximum harmonics/limit ratio.

California Instruments  
San Diego, California

### Voltage Source Verification Data (Run time)

EUT: LCD MONITOR (PN-ME862) Tested by: Solomon Wu  
Test category: Class-D (European limits) Test Margin: 100  
Test date: 8/28/2024 Start time: 2:06:59 PM End time: 2:09:40 PM  
Test duration (min): 2.5 Data file name: H-000047.cts\_data  
Comment: Shower Dai  
Customer: Customer

Test Result: Pass Source qualification: Normal

Highest parameter values during test:

|                                 |                                |
|---------------------------------|--------------------------------|
| Voltage (Vrms): 230.30          | Frequency(Hz): 50.00           |
| I <sub>Peak</sub> (Amps): 2.779 | I <sub>RMS</sub> (Amps): 1.546 |
| I <sub>Fund</sub> (Amps): 1.503 | Crest Factor: 1.798            |
| Power (Watts): 334.8            | Power Factor: 0.941            |

| Harm# | Harmonics V-rms | Limit V-rms | % of Limit | Status |
|-------|-----------------|-------------|------------|--------|
| 2     | 0.076           | 0.461       | 16.61      | OK     |
| 3     | 0.554           | 2.072       | 26.75      | OK     |
| 4     | 0.074           | 0.461       | 16.14      | OK     |
| 5     | 0.045           | 0.921       | 4.85       | OK     |
| 6     | 0.041           | 0.461       | 8.84       | OK     |
| 7     | 0.056           | 0.691       | 8.06       | OK     |
| 8     | 0.009           | 0.461       | 2.05       | OK     |
| 9     | 0.014           | 0.460       | 2.96       | OK     |
| 10    | 0.016           | 0.461       | 3.45       | OK     |
| 11    | 0.009           | 0.230       | 4.12       | OK     |
| 12    | 0.015           | 0.230       | 6.38       | OK     |
| 13    | 0.011           | 0.230       | 4.99       | OK     |
| 14    | 0.007           | 0.230       | 2.89       | OK     |
| 15    | 0.008           | 0.230       | 3.42       | OK     |
| 16    | 0.013           | 0.230       | 5.72       | OK     |
| 17    | 0.010           | 0.230       | 4.40       | OK     |
| 18    | 0.013           | 0.230       | 5.63       | OK     |
| 19    | 0.012           | 0.230       | 5.11       | OK     |
| 20    | 0.036           | 0.230       | 15.69      | OK     |
| 21    | 0.007           | 0.230       | 3.26       | OK     |
| 22    | 0.005           | 0.230       | 2.30       | OK     |
| 23    | 0.007           | 0.230       | 3.21       | OK     |
| 24    | 0.004           | 0.230       | 1.84       | OK     |
| 25    | 0.007           | 0.230       | 2.90       | OK     |
| 26    | 0.004           | 0.230       | 1.75       | OK     |
| 27    | 0.008           | 0.230       | 3.57       | OK     |
| 28    | 0.003           | 0.230       | 1.12       | OK     |
| 29    | 0.007           | 0.230       | 2.98       | OK     |
| 30    | 0.004           | 0.230       | 1.69       | OK     |
| 31    | 0.005           | 0.230       | 2.39       | OK     |
| 32    | 0.003           | 0.230       | 1.52       | OK     |
| 33    | 0.006           | 0.230       | 2.74       | OK     |
| 34    | 0.002           | 0.230       | 0.99       | OK     |
| 35    | 0.003           | 0.230       | 1.24       | OK     |
| 36    | 0.003           | 0.230       | 1.18       | OK     |
| 37    | 0.003           | 0.230       | 1.25       | OK     |
| 38    | 0.003           | 0.230       | 1.44       | OK     |
| 39    | 0.008           | 0.230       | 3.38       | OK     |
| 40    | 0.019           | 0.230       | 8.27       | OK     |

California Instruments  
San Diego, California

### Flicker Test Summary per IEC61000-3-3:2013/AMD1:2017 (Run time)

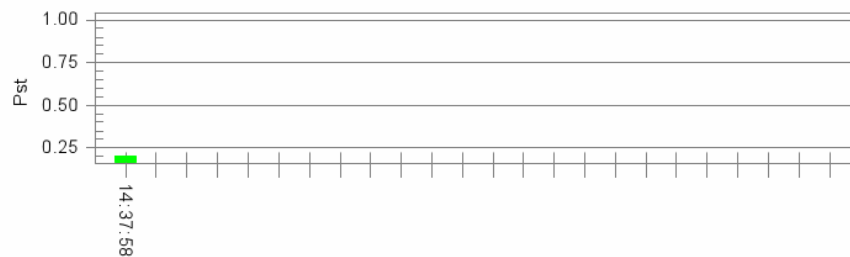
EUT: LCD MONITOR (PN-ME862) Tested by: Solomon Wu  
Test category: All parameters (European limits) Test Margin: 100  
Test date: 8/28/2024 Start time: 2:27:37 PM End time: 2:38:04 PM  
Test duration (min): 10 Data file name: F-000052.cts\_data  
Comment: Shower Dai  
Customer: Customer

Test Result: Pass

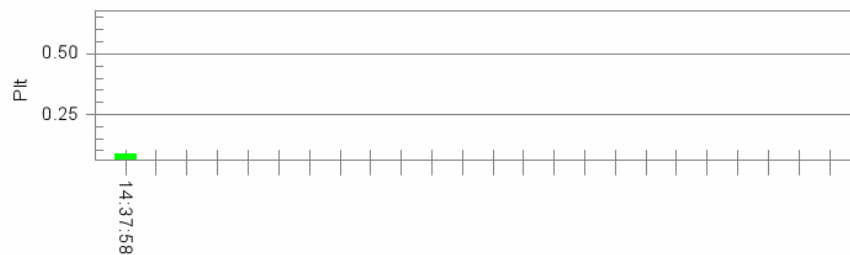
Status: Test Completed

#### Pst and limit line

#### European Limits



#### Plt and limit line



#### Parameter values recorded during the test:

Vrms at the end of test (Volt): 229.73

Highest dt (%):

0

Test limit (%):

500.0

Pass

T-max (mS):

0.00

Test limit (mS):

3.30

Pass

Highest dc (%):

0.00

Test limit (%):

4.00

Pass

Highest dmax (%):

0.201

Test limit:

1.000

Pass

Highest Pst (10 min. period):

0.088

Test limit:

0.650

Pass

Highest Plt (2 hr. period):

0.088

## Measurement Uncertainties

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95%.

**Table 1: Measurement Uncertainty levels**

| Test                                            | Parameters                                           | Expanded uncertainty ( $U_{lab}$ ) | Expanded uncertainty ( $U_{cispr}$ ) |
|-------------------------------------------------|------------------------------------------------------|------------------------------------|--------------------------------------|
| Conducted Emission (V-AMN)                      | Level accuracy (9kHz to 150kHz)<br>(150kHz to 30MHz) | $\pm 2.20$ dB<br>$\pm 2.24$ dB     | $\pm 3.8$ dB<br>$\pm 3.4$ dB         |
| Conducted Emission (AAN)                        | Level accuracy (150kHz to 30MHz)                     | $\pm 1.36$ dB                      | $\pm 5.0$ dB                         |
| Disturbance Power                               | Level accuracy (30MHz to 300MHz)                     | $\pm 3.08$ dB                      | $\pm 4.5$ dB                         |
| Electromagnetic Radiated Emission (Triple-loop) | Level accuracy (9kHz to 30MHz)                       | $\pm 3.30$ dB                      | $\pm 3.3$ dB                         |
| Radiated Emission (3m SAC)                      | Level accuracy (30MHz to 1000MHz)                    | $\pm 4.32$ dB                      | $\pm 6.3$ dB                         |
|                                                 | Level accuracy (1GHz to 6GHz)<br>(6GHz to 18GHz)     | $\pm 5.54$ dB<br>$\pm 5.92$ dB     | N/A<br>N/A                           |
| Radiated Emission (10m SAC)                     | Level accuracy (30MHz to 1000MHz)                    | $\pm 4.30$ dB                      | $\pm 6.3$ dB                         |
| Mains Harmonic                                  | Current                                              | $\pm 4.60\%$                       | N/A                                  |
| Voltage Fluctuations & Flicker                  | Voltage                                              | $\pm 0.64\%$                       | N/A                                  |

As  $U_{lab}$  in all applicable tests listed above are less than  $U_{cispr}$  according to CISPR 16-4-2:2011+A1:2014+A2:2018,

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit.