





**SK TECH CO., LTD.**

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Certificate of Compliance

| | | | |
|--|---|-------------------------|---------------|
| Test Report No.: | SKTFCE-040714-071 | | |
| NVLAP CODE : | 200220-0 | | |
| Applicant: | DATA VIEW CO., LTD. | | |
| Applicant Address: | 371-36, Gasan-dong, Kumchen-gu, Seoul, Korea | | |
| Manufacturer: | DATA VIEW CO., LTD. | | |
| Manufacturer Address: | 371-36, Gasan-dong, Kumchen-gu, Seoul, Korea | | |
| Product: | TFT LCD MONITOR | | |
| FCC ID: | PRXDAVI-1900A | Model No.: | DAVI-1900A |
| Receipt No.: | SKTEU04-0463 | Date of receipt: | July 14, 2004 |
| Date of Issue: | July 14, 2004 | | |
| Testing location: | SK TECH CO., LTD. 820-2, Wolmoon-Ri, Wabu-Up, Namyangju-Si, Kyunggi-Do, Korea | | |
| Test Standards: | ANSI C63.4 / 2001 | | |
| Rule Parts: | FCC part 15 Subpart B | | |
| Equipment Class : | Class B Digital Device Peripheral | | |
| <small>This device has shown compliance with the conducted emissions limits in 15.107, 15.207 or 18.307 adopted under FCC 02-157(ET Docket 98-80). The device may be marketed after July 11, 2005, and is not affected by the 15.37(j) or 18.123 transition provisions.</small> | | | |
| Test Result: | The above mentioned product has been tested and passed. | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> Prepared by: Y.H.Kang  <hr/> <div style="display: flex; justify-content: space-between; width: 100%;"> Signature Date </div> </div> <div style="width: 30%;"> Tested by: Y.G.Lee/Engineer  <hr/> <div style="display: flex; justify-content: space-between; width: 100%;"> Signature Date </div> </div> <div style="width: 30%;"> Approved by: C.H.Jeong /Manager & Chief Engineer  <hr/> <div style="display: flex; justify-content: space-between; width: 100%;"> Signature Date </div> </div> </div> | | | |
| Other Aspects : | | | |
| Abbreviations : | · OK, Pass = passed · Fail = failed · N/A = not applicable | | |
| <p>☛ •This test report is not permitted to copy partly without our permission.</p> <p>•This test result is dependent on only equipment to be used.</p> <p>•This test result is based on a single evaluation of one sample of the above mentioned.</p> <p>•This test report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S Government.</p> <p>• We certify that this test report has been based on the measurement standards that is traceable to the national or International standards.</p> <div style="text-align: right; margin-top: 20px;">  NVLAP Lab. Code: 200220-0 </div> | | | |



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1. General

This equipment has been shown to be capable of compliance with the applicable technical standards and was tested in accordance with the measurement procedures as indicated in this report.

We attest to the accuracy of data. All measurements reported herein were performed by SK Tech Co., Ltd. and were made under Chief Engineer's supervision.

We assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

2. Test Site

SK TECH Co., Ltd.

2.1 Location

820-2, Wolmoon Ri, Wabu-Up, Namyangju-Si, Kyunggi-Do, Korea

The test site is in compliance with ISO/IEC 17025 for general requirements for the competence of testing and calibration laboratories.

This laboratory is accredited by NVLAP for NVLAP Lab. Code : 200220-0 and DATech for DAR-Registration No.:DAT-P-076/97-01



2.2 List of Test and Measurement Instruments

Table 1 : List of Test and Measurement Equipment

- **Conducted Disturbance**

| Kind of Equipment | Type | S/N | Calibrated until |
|--------------------------|---------|------------|------------------|
| EMI Receiver | ESHS10 | 862970/019 | 07.2004 |
| Artificial Mains Network | ESH2-Z5 | 834549/011 | 08.2004 |
| EMI Receiver | ESHS10 | 835871/002 | 10.2004 |
| Artificial Mains Network | ESH3-Z5 | 836679/018 | 08.2004 |

- **Radiated Disturbance**

| Kind of Equipment | Type | S/N | Calibrated until |
|---------------------------------|-----------|------------|------------------|
| EMI Receiver | ESVS 10 | 825120/013 | 10.2004 |
| EMI Receiver | ESVS 10 | 834468/008 | 10.2004 |
| Spectrum Analyzer | R3361A | 11730187 | 10.2004 |
| Amplifier | 8447F | 3113A05153 | 08.2004 |
| Log Periodic Antenna | UHALP9107 | 1819 | 10.2004 |
| Biconical Antenna | BBA9106 | 91031626 | 10.2004 |
| Open Site Cable | N/A | N/A | N/A |
| Antenna Turntable Driver | 5907 | N/A | N/A |
| Antenna Turntable controller | 5906 | N/A | N/A |
| Amp & Receiver connection cable | N/A | N/A | N/A |
| Amp & Spectrum connection cable | N/A | N/A | N/A |
| 50Ω Switcher | MP59B | 6100214538 | N/A |

2.3 Test Date

Date of Application : July 13, 2004

Date of Test : July 13, 2004 ~ July 14, 2004

2.4 Test Environment

See each test item's description.



3. Description of the tested samples

The EUT is the TFT LCD Monitor.

3.1 Rating and Physical Characteristics

| | | |
|--------------|----------------------|---|
| LCD Panel | Type | 19" SXGA TFT LCD |
| | Display Area | 376.320x301.056mm |
| | Display Color | 16,777,216 |
| | Pixel Pitch | 0.294x0.294mm |
| | Max. Resolution | 1280x1024 |
| | Interface | LVDs |
| | Viewing Angle | Left/Right -88°/+88° Up/Down:-88°/+88° |
| | Contrast Ratio | 500:1 |
| | Brightness | 250cd/m ² |
| | Horizontal Frequency | 30-80KHz |
| | Vertical Frequency | 60-75Hz |
| Input/Output | Video input | Analog RGB (Sync.:H/V Separate) |
| | Audio Input | PC STEREO |
| Others | Tilting Degree | Up/Down:+30°/-5° |
| | Swivel Angle | Up/Down:15°/15° |
| | Power | Stand-by:3 W/Operation:50W |
| | Speaker output | 2WaysStereo/2W x 2W |
| | Plug&Play | DDC 1/2B |
| | Weight | Net 9.1Kg / Gross 11.7Kg |
| | Power Supply | DC 12V, 5A, 50/60Hz |
| | Dimensions(mm) | 448 (H) x 475(W) x 197(D) |

3.2 Submitted Documents

N/A



4. Measurement Conditions

The operating voltage of EUT(DC 12V) is supplied by the AC Adapter.

(AC Adapter Input Voltage : AC 120V, 60Hz)

4.1 Modes of Operation

The EUT was in the following operation mode during all testing;

Tested in mode of displaying “H” on the screen.

4.2 List of Peripherals

| Description | Manufacturer | Model Name | Serial No. | FCC ID |
|-------------------|-------------------------------------|------------------------|-------------|--------|
| Personal Computer | LG Electronics | W8S | 203KI12463 | N/A |
| Adapter (for EUT) | Channel Well Technology | PAA060F | D0404002102 | N/A |
| Mouse | LG | LMULBGS01I | 04CU000259 | N/A |
| Keyboard | Jing Mold Enterprise Co., Ltd. | LKB-0107 | 20103814 | N/A |
| Printer | EPSON PRECISION (PHILIPPINES) INC. | EPSON STYLUS PHOTO 830 | ELTK014637 | N/A |
| Speaker | SHENZHEN SHI SUNDAYSTAR ELEC., LTD. | MS-1050 | N/A | N/A |

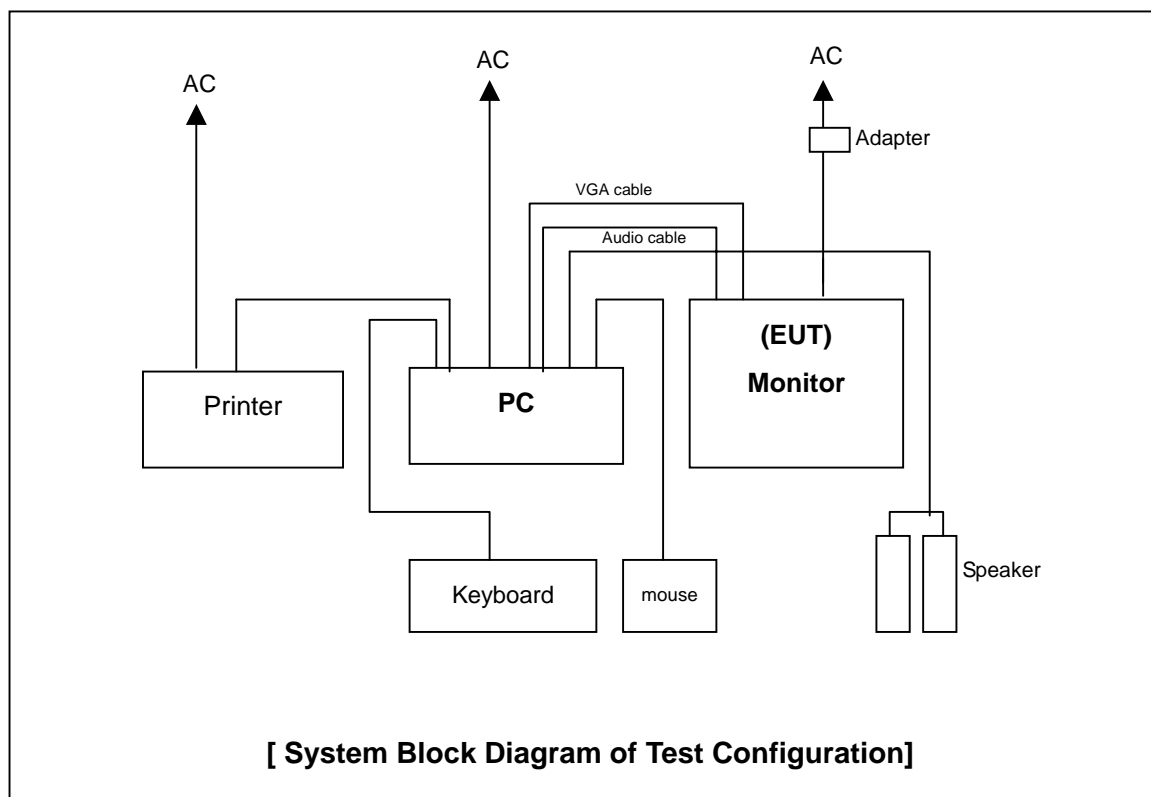


4.3 Type of Used Cables

| Description | Length | Type of shield | Manufacturer | Remark |
|--------------------------|--------|----------------|--------------|--------------|
| VGA cable | 1.2m | Shield | None | For EUT |
| Parallel interface cable | 1.1m | Shield | None | For Printer |
| Audio cable | 0.9m | Non-Shield | None | For EUT |
| PS/2 cable | 1.3m | Non-Shield | None | For Keyboard |
| USB cable | 1.2m | Non-Shield | None | For Mouse |
| Speaker cable | 1.1m | Non-Shield | None | For speaker |
| Power cable | 1.3m | Non-Shield | None | For EUT |
| Power cable | 1.4m | Non-Shield | None | For PC |
| Power cable | 1.4m | Non-Shield | None | For Printer |

4.4 Test Setup

The test setup photographs showed the external supply connections and interfaces.





4.5 Uncertainty

1) Radiated disturbance

⊙ Horizontally polarized radiated disturbances from 30MHz to 1000MHz at a distance of 3m

| Input quantity | Uncertainty of Xi | | U(Xi) dB | Ci | Ciu(xi) | CISPR 16-4 |
|-----------------------------------|-------------------|---|-------------|----|-------------|---------------|
| | dB | Probability distribution function | | | | |
| 1) Receiver reading | ±0.1 | K=1 | 0.1 | 1 | 0.1 | 0.10 |
| 2) Attenuation: antenna-receiver | ±0.18 | K=2 | 0.09 | 1 | 0.09 | 0.05 |
| 3) Antenna factor | ±1.5 | K=2 | 0.75 | 1 | 0.75 | 1.00 |
| RECEIVER CORRECTIONS: | | | | | | |
| 4) Sine wave voltage | ±0.56 | K=2 | 0.28 | 1 | 0.50 | 0.50 |
| 5) Pulse amplitude response | ±1.5 | Rectangular (√3) | 0.87 | 1 | 0.87 | 0.87 |
| 6) Pulse repetition rate response | ±1.5 | Rectangular (√3) | 0.87 | 1 | 0.87 | 0.87 |
| 7) Noise floor proximity | ±0.5 | K=2 | 0.25 | 1 | 0.25 | 0.25 |
| 8) AF frequency interpolation | ±0.3 | Rectangular (√3) | 0.17 | 1 | 0.17 | 0.17 |
| 9) Balance | ±0.3 | Rectangular (√3) | 0.17 | 1 | 0.17 | 0.53 |
| 10) AF height deviations | ±0.5 | Rectangular (√3) | 0.29 | 1 | 0.29 | 0.29 |
| 11) Phase center location | ±0.3 | Rectangular (√3) | 0.17 | 1 | 0.17 | 0.17 |
| 12) Directive difference | +1.0 | Rectangular (√3) | 0.29 | 1 | 0.29 | 0.29 |
| 13) Cross polarization | ±0.9 | Rectangular (√3) | 0.52 | 1 | 0.52 | 0.52 |
| 14) Site corrections | ±2.6 | Rectangular (√3) | 1.5 | 1 | 1.5 | 1.63 |
| 15) Mismatch (ant-receiver) | ±1.06 | U-shaped (√2) | 0.75 | 1 | 0.75 | 0.67 |

Combined Uncertainty

$$U_c(x_i) = \sqrt{(1)^2 + (2)^2 + (3)^2 + (4)^2 + (5)^2 + (6)^2 + (7)^2 + (8)^2 + (9)^2 + (10)^2 + (11)^2 + (12)^2 + (13)^2 + (14)^2 + (15)^2} = 2.37$$

Expanded Uncertainty

$$U = k \cdot U_c(x_i) = 2 \cdot 2.37 = 4.74 \text{ dB} \quad (\text{The coverage factor } k=2 \text{ yields approximately a 95\% level of confidence})$$



⊙ **Vertically polarized radiated disturbances from 30MHz to 1000MHz at a distance of 3m**

| Input quantity | Uncertainty of Xi | | U(Xi) dB | Ci | Ciu(xi) | CISPR 16-4 |
|--------------------------------------|-------------------|---|-------------|----|-------------|---------------|
| | dB | Probability distribution function | | | | |
| 1) Receiver reading | ±0.1 | K =1 | 0.1 | 1 | 0.1 | 0.10 |
| 2) Attenuation: antenna-receiver | ±0.18 | K=2 | 0.09 | 1 | 0.09 | 0.05 |
| 3) Antenna factor | ±1.5 | K=2 | 0.75 | 1 | 0.75 | 1.00 |
| RECEIVER CORRECTIONS: | | | | | | |
| 4) Sine wave voltage | ±0.56 | K=2 | 0.28 | 1 | 0.50 | 0.50 |
| 5) Pulse amplitude response | ±1.5 | Rectangular (√3) | 0.87 | 1 | 0.87 | 0.87 |
| 6) Pulse repetition rate response | ±1.5 | Rectangular (√3) | 0.87 | 1 | 0.87 | 0.87 |
| 7) Noise floor proximity | ±0.5 | K=2 | 0.25 | 1 | 0.25 | 0.25 |
| 8) AF frequency interpolation | ±0.3 | Rectangular (√3) | 0.17 | 1 | 0.17 | 0.17 |
| 9) Balance | ±0.9 | Rectangular (√3) | 0.52 | 1 | 0.52 | 0.52 |
| 10) AF height deviations | ±0.3 | Rectangular (√3) | 0.17 | 1 | 0.17 | 0.17 |
| 11) phase center location | ±0.3 | Rectangular (√3) | 0.17 | 1 | 0.17 | 0.17 |
| 12) directive difference | +1.0 | Rectangular (√3) | 0.29 | 1 | 0.29 | 0.29 |
| 13) cross polarization | ±0.9 | Rectangular (√3) | 0.52 | 1 | 0.52 | 0.52 |
| 14) site corrections | ±2.6 | Rectangular (√3) | 1.5 | 1 | 1.5 | 1.63 |
| 15) Mismatch (ant-receiver) | ±1.06 | U-shaped (√2) | 0.75 | 1 | 0.75 | 0.67 |

Combined Uncertainty

$$U_c(x_i) = \sqrt{(1)^2 + (2)^2 + (3)^2 + (4)^2 + (5)^2 + (6)^2 + (7)^2 + (8)^2 + (9)^2 + (10)^2 + (11)^2 + (12)^2 + (13)^2 + (14)^2 + (15)^2} = \mathbf{2.43}$$

Expanded Uncertainty

$$U = k \cdot U_c(x_i) = 2 \cdot 2.43 = \mathbf{4.86dB}$$

(The coverage factor k =2 yields approximately a 95% level of confidence)

**2) Conducted disturbance**

⊙ **Conducted disturbance from 150KHz to 30MHz using a 50Ω/50uH AMN**

| input quantity | Uncertainty of Xi | | U(Xi) dB | Ci | Ciu(xi) | CISPR 16-4 |
|--------------------------------------|-------------------|---|-------------|----|-------------|---------------|
| | dB | Probability distribution function | | | | |
| 1) Receiver Reading | ±0.1 | K=1 | 0.1 | 1 | 0.1 | 0.10 |
| 2) Attenuation:AMN-receiver | ±0.36 | Triangular (√6) | 0.15 | 1 | 0.15 | 0.05 |
| RECEIVER CORRECTIONS: | | | | | | |
| 3) Sine wave voltage | ±0.5 | K=2 | 0.25 | 1 | 0.25 | 0.50 |
| 4) Pulse amplitude response | ±1.5 | Rectangular (√3) | 0.87 | 1 | 0.87 | 0.87 |
| 5) Pulse repetition rate response | ±1.5 | Rectangular (√3) | 0.87 | 1 | 0.87 | 0.87 |
| 6) AMN voltage division factor | ±0.07 | K=2 | 0.04 | 1 | 0.04 | 0.1 |
| 7) Mismatch : AMN-receiver | ±0.55 | U-shaped (√2) | 0.39 | 1 | 0.39 | 0.53 |
| 8) AMN impedance | ±1.52 | Triangular (√6) | 0.62 | 1 | 0.62 | 1.08 |

- 1)~8) For numbered comments, refer to following articles

Combined Uncertainty

$$Uc(xi) = \sqrt{(1)^2 + (2)^2 + (3)^2 + (4)^2 + (5)^2 + (6)^2 + (7)^2 + (8)^2} = \mathbf{1.47}$$

Expanded uncertainty

$$U = k \cdot Uc(xi) = 2 \cdot 1.47 = \mathbf{2.94dB}$$

The coverage factor $k=2$ yields approximately a 95% level of confidence

⊙ **Refer**

- 1) receiver's resolution capacity
- 2) refer to the sub clause 11. of a calibration report
- 3) quoted from CISPR 16-4
- 4) refer to a calibration report
- 5) refer to CISPR 16-4 article 5. 7)
- 6) refer to a calibration report and a measured AMN impedance data



5. EMISSION Test

5.1 Conducted Emissions

Result:**Pass**

The line-conducted facility is located inside a 2.0M x 3.6M x 7.2M shielded enclosure.

The shielding effectiveness of the shielded room is in accordance with MIL-Std-285 or NSA 604-05.

A 1m x 1.5m wooden table 80cm high is placed 40cm. away from the vertical wall and 1.5m away from the side wall of the shielded room. ROHDE & SCHWARZ Model ESH3-Z5 (10kHz-30MHz) 50ohm/50 uH Line-Impedance Stabilization Networks(LISNs) are bonded to the shielded room.

The EUT is powered from the ROHDE & SCHWARZ LISN and the support equipment is powered from the ROHDE & SCHWARZ LISN. Power to the LISNs are filtered by a high-current high-insertion loss Lindgren enclosures power line filters (100dB 14kHz-10GHz).

The purpose of the filter is to attenuate ambient signal interference and this filter is also bonded to the shielded enclosure.

All electrical cables are shielded by braided tinned copper zipper tubing with inner diameter of 1/2".

If the EUT is a DC-powered device, power will be derived from the source power supply it normally will be powered from and this supply lines will be connected to the ROHDE & SCHWARZ LISN.

All interconnecting cables more than 1 meter were shortened by non-inductive bundling (serpentine fashion) to a 1-meter length.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the spectrum analyzer to determine the frequency producing the maximum EME from the EUT.

The spectrum was scanned from 150kHz to 30MHz with 100msec. sweep time.

The frequency producing the maximum level was reexamined using EMI/field Intensity Meter (ESHS 10) and Quasi-Peak adapter. The detector function was set to CISPR quasi-peak mode.

The bandwidth of the receiver was set to 10kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each EME emission.

Each emission was maximized by: switching power lines; varying the mode of operation or resolution; clock or data exchange speed; if applicable; whichever determined the worst-case emission.

Photographs of the worst-case emission can be seen in photograph of conducted test.

Each EME reported was calibrated using self-calibrating mode.



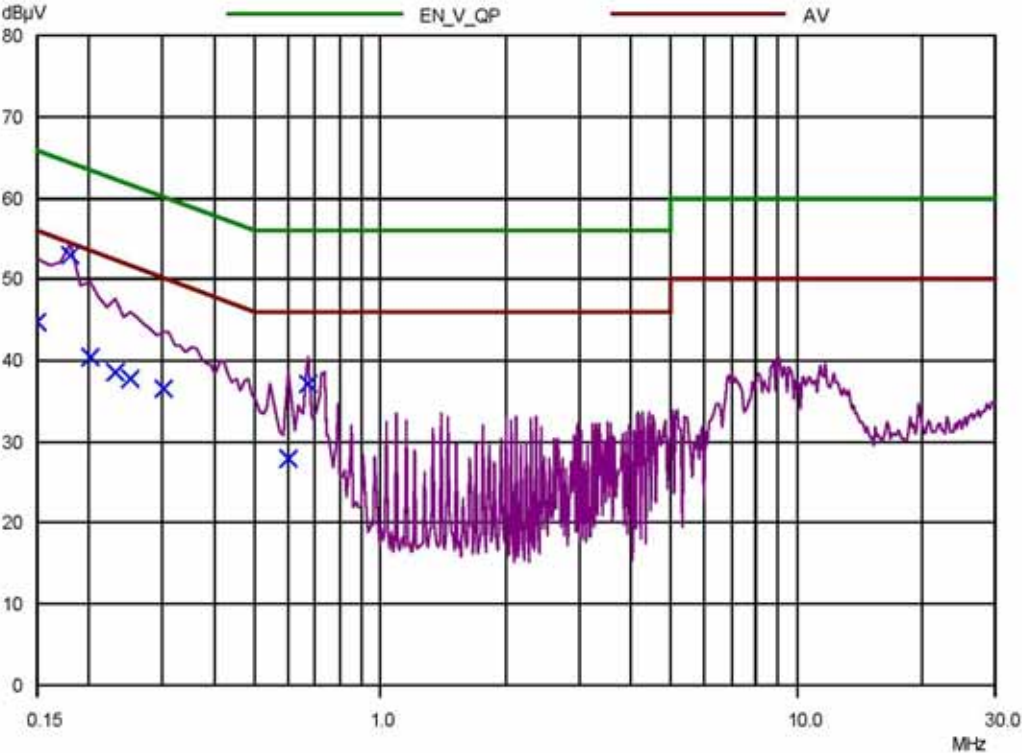
Figure 1 : Spectral Diagram, LINE - PE

CONDUCTED DISTURBANCE

13 Jul 2004 10:19

EUT: DAVI-1900A
Manuf:
Op Cond:
Operator:
Test Spec:
Comment: LINE-PE
Result File: 1900ALF.dat : DAVI-1900A

| Scan Settings | | | Receiver Settings | | | | | | |
|--------------------|-------|-------|-------------------|----------|---------|-------|--------|-------|--|
| (1 Range) | | | | | | | | | |
| Frequencies | | | | | | | | | |
| Start | Stop | Step | IF BW | Detector | M-Time | Atten | Preamp | OpRge | |
| 150kHz | 30MHz | 10kHz | 10kHz | PK | 100msec | Auto | OFF | 60dB | |
| Final Measurement: | | | Detector: | X QP | | | | | |
| | | | Meas Time: | 1sec | | | | | |
| | | | Peaks: | 8 | | | | | |
| | | | Acc Margin: | 35 dB | | | | | |



**SK TECH CO., LTD.**

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Figure 2 : Spectral Diagram, NEUTRAL – PE

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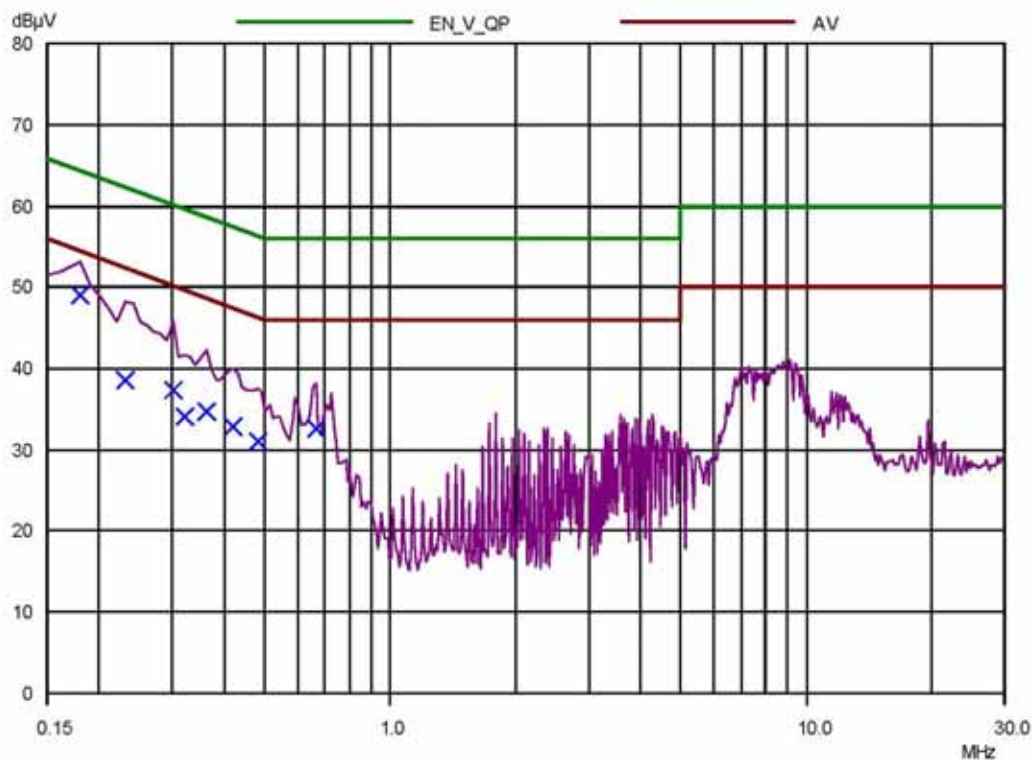
CONDUCTED DISTURBANCE

EUT: DAVI-1900A
Manuf:
Op Cond:
Operator:
Test Spec:
Comment: NEUTRAL-PE

Result File: 1900ANF.dat : DAVI-1900A

| Scan Settings | | | | Receiver Settings | | | | |
|---------------|-------|-------|-------|-------------------|---------|-------|--------|-------|
| Frequencies | | Step | IF BW | Detector | M-Time | Atten | Preamp | OpRge |
| Start | Stop | 10kHz | 10kHz | PK | 100msec | Auto | OFF | 60dB |
| 150kHz | 30MHz | | | | | | | |

Final Measurement: Detector: X QP
Meas Time: 1sec
Peaks: 8
Acc Margin: 35 dB



**- Table 2: Test Data, Conducted Emissions****► LINE-PE**

| Frequency (MHz) | Reading (dB μ V) | C/F (dB) | CL (dB) | Limit (dB μ V) | Margin (dB) |
|-----------------|----------------------|----------|---------|--------------------|-------------|
| 0.150 | 44.73 | 0.09 | 0.0 | 66.00 | 21.18 |
| 0.180 | 52.92 | 0.08 | 0.1 | 64.49 | 11.39 |
| 0.200 | 40.40 | 0.08 | 0.1 | 63.61 | 23.03 |
| 0.250 | 37.83 | 0.08 | 0.1 | 61.76 | 23.75 |
| 0.300 | 36.50 | 0.08 | 0.1 | 60.24 | 23.56 |
| 0.670 | 37.24 | 0.13 | 0.1 | 56.00 | 18.53 |

► NEUTRAL-PE

| Frequency (MHz) | Reading (dB μ V) | C/F (dB) | CL (dB) | Limit (dB μ V) | Margin (dB) |
|-----------------|----------------------|----------|---------|--------------------|-------------|
| 0.180 | 49.09 | 0.13 | 0.1 | 66.00 | 16.68 |
| 0.300 | 37.38 | 0.13 | 0.1 | 64.49 | 26.88 |
| 0.360 | 34.77 | 0.15 | 0.1 | 63.61 | 28.59 |
| 0.420 | 32.79 | 0.15 | 0.1 | 61.76 | 28.72 |
| 0.480 | 31.02 | 0.15 | 0.1 | 60.24 | 28.97 |
| 0.660 | 32.71 | 0.15 | 0.1 | 56.00 | 23.04 |

NOTES:

1. All modes of operation were investigated and the worst-case emission are reported.
2. All other emissions are non-significant.
3. All readings are calibrated by self-mode in receiver.
4. Measurements using CISPR quasi-peak mode.
5. C/F = Correction Factor
6. C/L = Cable Loss

♠ Margin Calculation

$$(6)\text{Margin} = (5)\text{Limit} - (4)\text{Actual}$$

$$[(4)\text{Actual} = (1)\text{Reading} + (2)\text{C/F} + (3)\text{C/L}]$$



5.2 Radiated Emissions

Result :**Pass**

Preliminary measurements were made indoors at 3 meter using broadband antennas, broadband amplifier, and spectrum analyzer to determine the frequency producing the maximum EME.

Appropriate precaution was taken to ensure that all EME from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, turntable azimuth with respect to the antenna were noted for each frequency found.

The spectrum was scanned from 30 to 300 MHz using biconical antenna and from 300 to 1000 MHz using log-periodic antenna. Above 1GHz, linearly polarized double ridge horn antennas were used.

Final measurements were made outdoors at 3-meter test range using SCHWARZBECK dipole antennas.

The test equipment was placed on a wooden table situated on a 4x4 meter area adjacent to the measurement area. Turntable was to protect from weather in the dome that made with FRP.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. Each frequency found during pre-scan measurements was re-examined and investigated using EMI/Field Intensity Meter(ESVS 10) and Quasi-Peak Adapter.

The detector function was set to CISPR quasi-peak mode and the bandwidth of the receiver was set to 100kHz or 1MHz depending on the frequency or type of signal.

The half-wave dipole antenna was tuned to the frequency found during preliminary radiated measurements. The EUT, support equipment and interconnecting cables were re-configured to the set-up producing the maximum emission for the frequency and were placed on top of a 0.8-meter high non-metallic 1 x 1.5 meter table.

The EUT, support equipment, and interconnecting cables were re-arranged and manipulated to maximize each EME emission. The turntable containing the system was rotated; the antenna height was varied 1 to 4 meters and stopped at the azimuth or height producing the maximum emission.

Each emission was maximized by: varying the mode of operation or resolution; clock or data exchange speed, and/or support equipment, if applicable; and changing the polarity of the antenna, whichever determined the worst-case emission.

Photographs of the worst-case emission can be seen in photograph of radiated emission test.

Each EME reported was calibrated using self-calibrating mode.

**Table 3 : Test Data, Radiated Emissions**

| Frequency (MHz) | Pol. | Height [m] | Angle [°] | (1) Reading (dBμV) | (2) AFCL (dB/m) | (3) Actual (dB/m) | (4) Limit (dBμV/m) | (5) Margin (dB) |
|-----------------|------|------------|-----------|--------------------|-----------------|-------------------|--------------------|-----------------|
| 167.95 | H | 2.2 | 203 | 19.7 | 17.4 | 37.1 | 43.5 | 6.4 |
| 224.07 | V | 1.0 | 125 | 21.5 | 19.6 | 41.1 | 46.0 | 4.9 |
| 491.23 | V | 1.2 | 149 | 15.0 | 24.1 | 39.1 | 46.0 | 6.9 |
| 627.61 | V | 1.0 | 312 | 12.8 | 26.7 | 39.5 | 46.0 | 6.5 |
| 804.14 | H | 1.9 | 195 | 11.6 | 29.8 | 41.4 | 46.0 | 4.6 |
| 847.52 | V | 1.0 | 223 | 10.4 | 30.3 | 40.7 | 46.0 | 5.3 |

Table. Radiated Measurements at 3-meters

NOTES:

1. All modes of operation were investigated and the worst-case emission are reported.
2. All other emission are non-significant.
3. All readings are calibrated by self-mode in receiver.
4. Measurements using CISPR quasi-peak mode.
5. AFCL = Antenna factor and cable loss
6. H = Horizontal, V = Vertical Polarization

♠ Margin Calculation

$$(5)\text{Margin} = (4)\text{Limit} - (3)\text{Actual}$$

$$[(3)\text{Actual} = (1)\text{Reading} + (2)\text{AFCL}]$$