

EMI TEST REPORT

Test Report No. 15882642S-D

Customer	Sony Corporation
Description of EUT	LCD Monitor
Model Number of EUT	OEV-321MUH
FCC ID	AK8OEV321MUH
Test Regulation	FCC Part 15 Subpart B, Class A
Test Result	Complied
Issue Date	August 29, 2025
Remarks	-

Representative test engineerRen Anzai
Engineer**Approved by**Shunsaku Yumi
Engineer

CERTIFICATE 1266.03

- ☐ The testing in which "Non-accreditation" is displayed is outside the accreditation scopes in UL Japan, Inc.
- ☒ There is no testing item of "Non-accreditation".

Report Cover Page - Form-ULID-003532 (DCS:13-EM-F0429) Issue# 24.0

ANNOUNCEMENT

- This test report shall not be reproduced in full or partial, without the written approval of UL Japan, Inc.
- The results in this report apply only to the sample tested. (Laboratory was not involved in sampling.)
- This sample tested is in compliance with the limits of the above regulation.
- The test results in this test report are traceable to the national or international standards.
- This test report must not be used by the customer to claim product certification, approval, or endorsement by the A2LA accreditation body.
- This test report covers EMC technical requirements.
It does not cover administrative issues such as Manual or non-EMC test related Requirements. (if applicable)
- The all test items in this test report are conducted by UL Japan, Inc. Shonan EMC Lab.
- The opinions and the interpretations to the result of the description in this report are outside scopes where UL Japan, Inc. has been accredited.
- The information provided by the customer for this report is identified in Section 1.
- The laboratory is not responsible for information provided by the customer which can impact the validity of the results.
- For any test report referred in this report, the latest version (including any revisions) is always referred to.
- If the latest version is a revision, it replaces the previous version. See the table below for revisions and versions.

REVISION HISTORY

Revision	Test report No.	Date	Revised Contents
- (Original)	15882642S-D	August 29, 2025	-

Reference: Abbreviations (Including words undescribed in this report)

A2LA	The American Association for Laboratory Accreditation	ICES	Interference-Causing Equipment Standard
AAN	Asymmetric Artificial Network	I/O	Input/Output
AC	Alternating Current	IEC	International Electrotechnical Commission
AE	Auxiliary equipment	IEEE	Institute of Electrical and Electronics Engineers
AM	Amplitude Modulation	IF	Intermediate Frequency
AMN	Artificial Mains Network	ILAC	International Laboratory Accreditation Conference
Amp, AMP	Amplifier	ISED	Innovation, Science and Economic Development Canada
ANSI	American National Standards Institute	ISN	Impedance Stabilization Network
Ant, ANT	Antenna	ISO	International Organization for Standardization
AP	Access Point	JAB	Japan Accreditation Board
ASK	Amplitude Shift Keying	LAN	Local Area Network
Atten., ATT	Attenuator	LCL	Longitudinal Conversion Loss
AV	Average	LIMS	Laboratory Information Management System
BPSK	Binary Phase-Shift Keying	LISN	Line Impedance Stabilization Network
BR	Bluetooth Basic Rate	MRA	Mutual Recognition Arrangement
BT	Bluetooth	N/A	Not Applicable
BT LE	Bluetooth Low Energy	NIST	National Institute of Standards and Technology
BW	BandWidth	NS	No signal detect.
C.F	Correction Factor	NSA	Normalized Site Attenuation
Cal Int	Calibration Interval	OBW	Occupied BandWidth
CAV	CISPR AV	OFDM	Orthogonal Frequency Division Multiplexing
CCK	Complementary Code Keying	PER	Packet Error Rate
CDN	Coupling Decoupling Network	PK	Peak
Ch., CH	Channel	P _{LT}	long-term flicker severity
CISPR	Comite International Special des Perturbations Radioelectriques	POHC(A)	Partial Odd Harmonic Current
Corr.	Correction	Pol., Pola.	Polarization
CPE	Customer premise equipment	PR-ASK	Phase Reversal ASK
CW	Continuous Wave	P _{ST}	short-term flicker severity
DBPSK	Differential BPSK	QAM	Quadrature Amplitude Modulation
DC	Direct Current	QP	Quasi-Peak
DET	Detector	QPSK	Quadrature Phase Shift Keying
D-factor, D.fac.	Distance factor	r.m.s., RMS	Root Mean Square
Dmax	maximum absolute voltage change during an observation period	RBW	Resolution BandWidth
DQPSK	Differential QPSK	RE	Radio Equipment
DSSS	Direct Sequence Spread Spectrum	REV	Reverse
DUT	Device Under Test	RF	Radio Frequency
EDR	Enhanced Data Rate	RFID	Radio Frequency Identifier
e.i.r.p., EIRP	Equivalent Isotropically Radiated Power	RNSS	Radio Navigation Satellite Service
EM clamp	Electromagnetic clamp	RSS	Radio Standards Specifications
EMC	ElectroMagnetic Compatibility	Rx	Receiving
EMI	ElectroMagnetic Interference	S.fac.	Site factor
EMS	ElectroMagnetic Susceptibility	SINAD	Ratio of (Signal + Noise + Distortion) to (Noise + Distortion)
EN	European Norm	S/N	Signal to Noise ratio
e.r.p., ERP	Effective Radiated Power	SA, S/A	Spectrum Analyzer
ETSI	European Telecommunications Standards Institute	SABS	South African Bureau of Standards
EU	European Union	SANS	South African National Standards
EUT	Equipment Under Test	SG	Signal Generator
Fac.	Factor	SVSWR	Site-Voltage Standing Wave Ratio
FCC	Federal Communications Commission	THC(A)	Total Harmonic Current
FHSS	Frequency Hopping Spread Spectrum	THD(%)	Total Harmonic Distortion
FM	Frequency Modulation	TR, T/R	Test Receiver
Freq.	Frequency	Tx	Transmitting
FSK	Frequency Shift Keying	VBW	Video BandWidth
Fund	Fundamental	Vert.	Vertical
FWD	Forward	WLAN	Wireless LAN
GFSK	Gaussian Frequency-Shift Keying	xDSL	Generic term for all types of DSL technology (DSL: Digital Subscriber Line)
GNSS	Global Navigation Satellite System		
GPS	Global Positioning System		
Hori.	Horizontal		
HPF	High-Pass Filter		

CONTENTS

	Page
Section 1 : Customer information	5
Section 2 : Equipment under test (EUT)	5
Section 3 : Test summary	6
Section 4 : Operation of EUT during testing	8
Section 5 : Conducted emission	12
Section 6 : Radiated emission	13
Appendix 1 : Data of EMI test	15
Appendix 2 : Test instruments	23
Appendix 3 : Photographs of test setup	24

Section 1: Customer information

Company Name	Sony Corporation
Address	5-1-1, Minatomirai, Nishi-ku ,Yokohama-shi, Kanagawa, 220-8750 Japan
Telephone Number	+81- 50-3750-2330
Contact Person	Yutaka Ninomiya

The information provided by the customer is as follows:

- Customer, Description of EUT, Model Number of EUT, FCC ID on the cover page and other relevant pages
- Operating/Test Mode(s) (Mode(s)) on all the relevant pages
- Section 1: Customer information
- Section 2: Equipment under test (EUT) other than the Receipt Date and Test Date
- Section 4: Operation of EUT during testing

Section 2 : Equipment under test (EUT)**2 . 1 Identification of EUT**

Description	LCD Monitor
Model Number	OEV-321MUH
Serial Number	Refer to 4.2
Condition	Production prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	No Modification by the test lab.
Receipt Date	July 10, 2025
Test Date	July 18 to 23, 2025

2 . 2 Product description**General Specification**

Rating	AC 100 V to 240 V, 50 / 60 Hz DC 26 V (AC Adaptor: AC-300MD)
Clock frequency (ies) in the system	12 GHz

Section 3 : Test summary

3.1 Test specification

Test Specification	FCC Part 15 Subpart B The latest version on the first day of the testing period
Title	FCC 47CFR Part15 Radio Frequency Device Subpart B Unintentional Radiators

3.2 Reference standards

ANSI/USEMCSC C63.2-2023
ANSI C63.4-2014/C63.4a-2017
ANSI C63.5-2017
ANSI C63.25.1-2018

3.3 Summary of test results

Item	Limits	Result	Remarks
Conducted emission	Class A	Complied	-
Radiated emission	Class A	Complied	*1)
Note: UL Japan's EMI work procedure: Work Instructions-ULID-003591			
*1) Measurements have been performed up to 40 GHz since the highest frequency of internal source of the EUT is 12 GHz.			

3.4 Deviation from standard

No addition, exclusion nor deviation has been made from the standard.

3.5 Uncertainty

Measurement uncertainty is not taken into account when stating conformity with a specified requirement.
Note: When margins obtained from test results are less than the measurement uncertainty, the test results may exceed the limit.

The following uncertainties have been calculated to provide a confidence level of 95 % using a coverage factor $k = 2$.

Item	Frequency range	Calculated Uncertainty ($\pm$)
Conducted emission (AC Mains) AMN/LISN	150 kHz to 30 MHz	3.0 dB
Radiated emission (Measurement distance: 10 m)	30 MHz to 200 MHz	4.8 dB
	200 MHz to 1 GHz	5.2 dB
Radiated emission (Measurement distance: 3 m)	1 GHz to 6 GHz	4.7 dB
	6 GHz to 18 GHz	5.3 dB
	18 GHz to 40 GHz	5.5 dB

3.6 Test location

UL Japan, Inc. Shonan EMC Lab.

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 Japan

Telephone number : +81-463-50-6400

A2LA Certificate Number : 1266.03

(FCC Test firm registration number: 626366, ISED lab company number: 2973D / CAB identifier: JP0001)

Test room	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Maximum measurement distance
No.1 Semi-anechoic chamber (SAC1)	20.6 x 11.3 x 7.65	20.6 x 11.3	10 m
No.2 Semi-anechoic chamber (SAC2)	20.6 x 11.3 x 7.65	20.6 x 11.3	10 m
No.3 Semi-anechoic chamber (SAC3)	12.7 x 7.7 x 5.35	12.7 x 7.7	5 m
No.4 Semi-anechoic chamber (SAC4)	8.1 x 5.1 x 3.55	8.1 x 5.1	-
Wireless anechoic chamber 1 (WAC1)	9.5 x 6.0 x 5.4	9.5 x 6.0	3 m
Wireless anechoic chamber 2 (WAC2)	9.5 x 6.0 x 5.4	9.5 x 6.0	3 m
No.1 Shielded room (SR1)	6.8 x 4.1 x 2.7	6.8 x 4.1	-
No.2 Shielded room (SR2)	6.8 x 4.1 x 2.7	6.8 x 4.1	-
No.3 Shielded room (SR3)	6.3 x 4.7 x 2.7	6.3 x 4.7	-
No.4 Shielded room (SR4)	4.4 x 4.7 x 2.7	4.4 x 4.7	-
No.5 Shielded room (SR5)	7.8 x 6.4 x 2.7	7.8 x 6.4	-
No.6 Shielded room (SR6)	7.8 x 6.4 x 2.7	7.8 x 6.4	-
No.8 Shielded room (SR8)	3.45 x 5.5 x 2.4	3.45 x 5.5	-
No.1 Measurement room (MR1)	2.55 x 4.1 x 2.5	-	-
No.2 Measurement room (MR2)	4.5 x 3.5 x 2.5	-	-
Wireless shielded room 1 (WSR1)	3.0 x 4.5 x 2.7	3.0 x 4.5	-
Wireless shielded room 2 (WSR2)	3.0 x 4.5 x 2.7	3.0 x 4.5	-

3.7 Test setup, test data & test instruments

Refer to Appendix 1 to 3.

Section 4 : Operation of EUT during testing

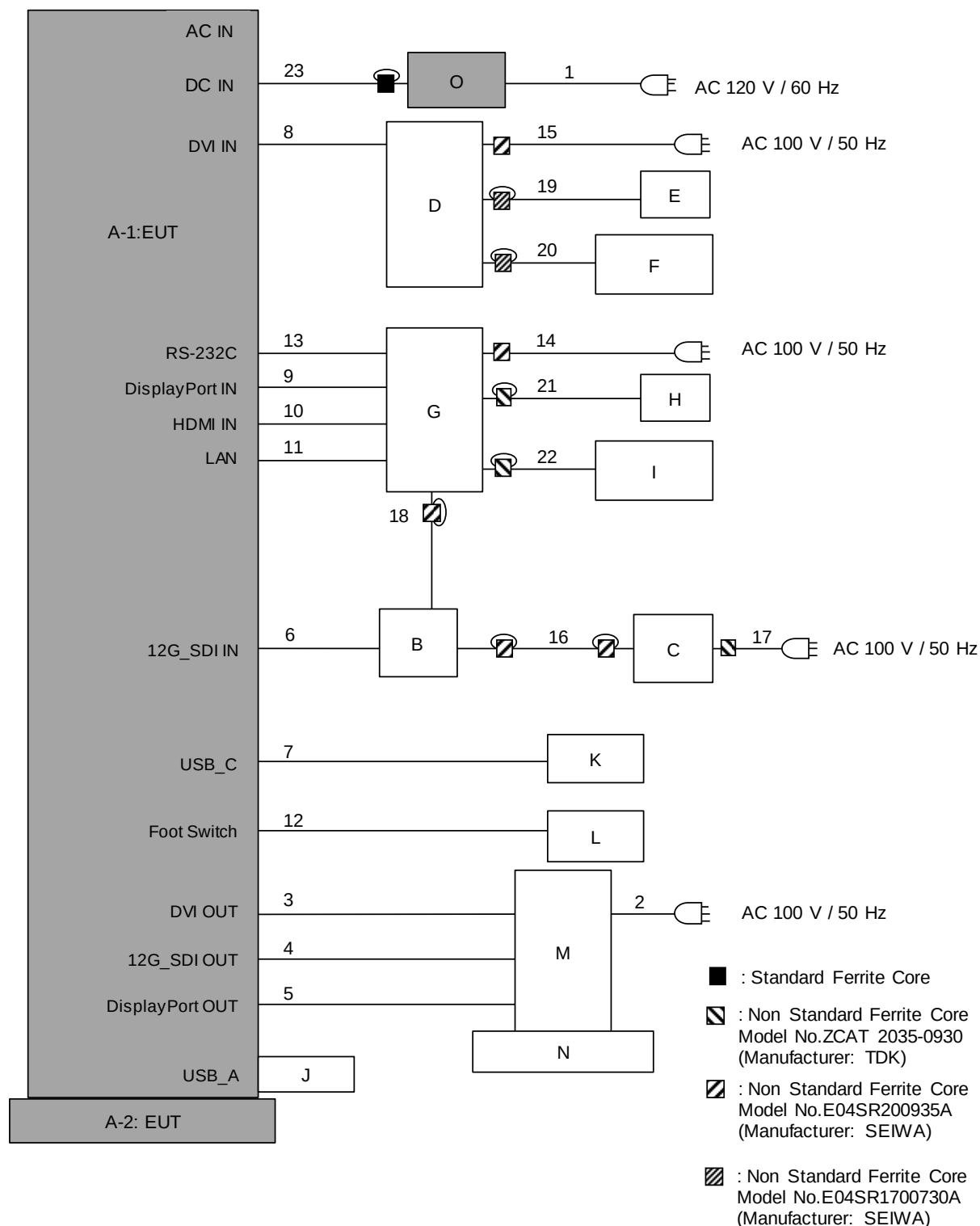
4.1 Operating modes

The EUT exercise program used during testing was designed to exercise the various system components in a manner similar to typical use.

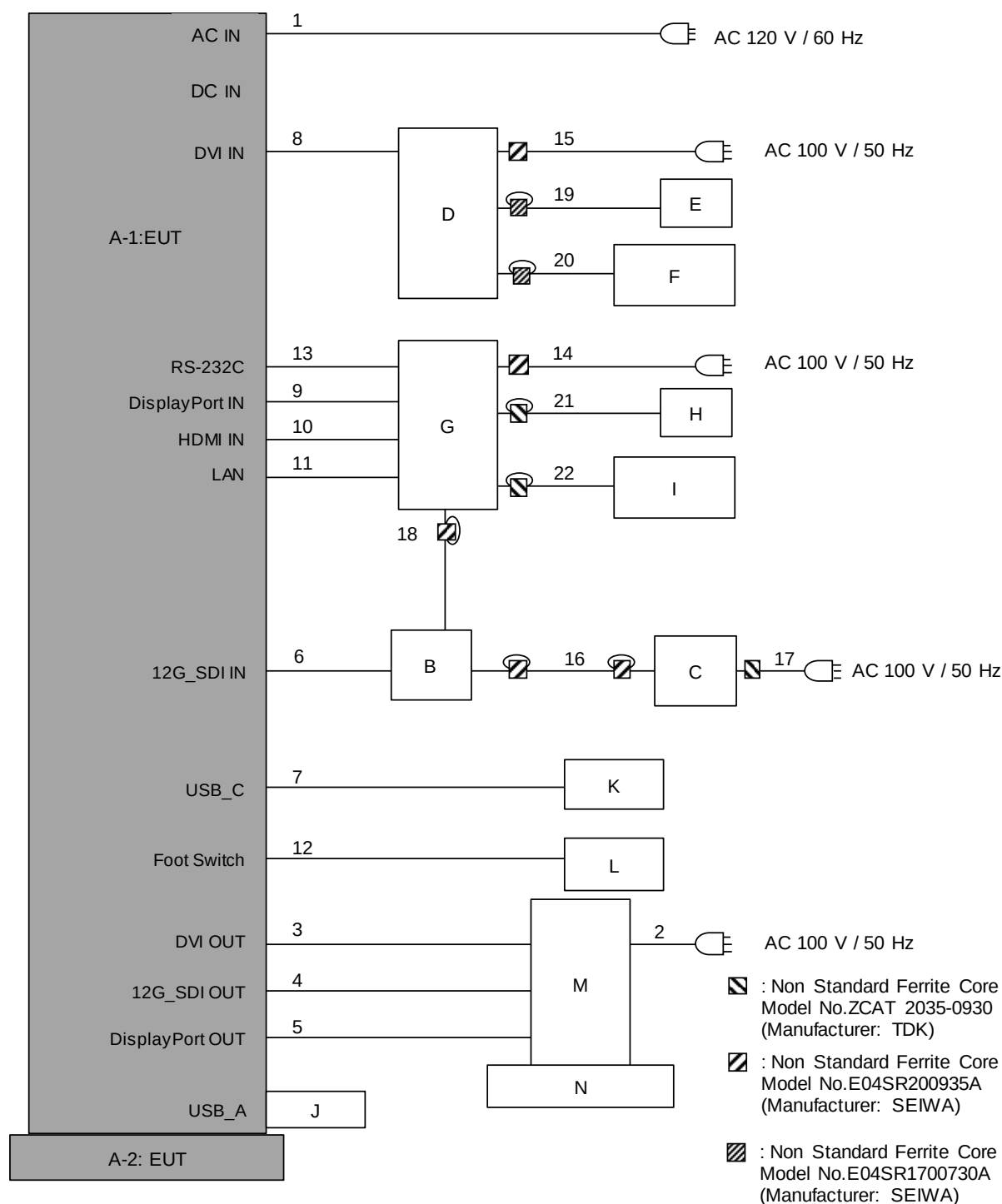
Operation mode(s)	12G-SDI & HDMI (Multi Display)
Software	Ver.0.04.00.00
Justification	The system was configured in typical fashion (as a customer would normally use it) for testing.

4.2 Configuration and peripherals

With AC Adaptor



Without AC Adaptor



* Cabling and setup(s) were taken into consideration and test data was taken under worse case conditions.
* Non-standard ferrite cores were used in the tests based on the customer's request.

As a result of comparing AC 120 V and AC 240 V at pre-check, conducted emission test was performed with the worst voltage as representative.

Description of EUT and Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A-1	LCD Monitor	OEV-321MUH	9990012	SONY	EUT
A-2	Monitor Stand	SU-600MD	8002625	SONY	EUT
B	IP Converter	NU-IP3R	1500454	SONY	-
C	AC Adaptor	AC-82MD	1000563	SONY	-
D	Desktop PC	Z1 Entry Tower G5	MXL0063W65	HP	-
E	Mouse	M-UAV-DEL8	LZ209B106HA	DELL	-
F	Keyboard	K120	1532MR0F5D38	Logitech	-
G	Desktop PC	EliteDesk 800 G6 Tower	JPH149Q3B5	HP	-
H	Mouse	HSA-P009M	9CP139F2KG	HP	-
I	Keyboard	HSA-P010K	9CP140P19N	HP	-
J	USB Memory	USM32GT S	USB001	SONY	-
K	Mobile Battery	BTL-RDC29	BTL001	SANWA SUPPLY	-
L	Foot Switch	FS-24	-	SONY	-
M	Monitor(peripheral)	LMD-27M1MD	KF27EVT#014	SONY	-
N	Monitor Stand	SU-600MD	8002334	SONY	-
O	AC Adaptor	AC-300MD	9614H002	SONY	EUT

List of cables used

No.	Name	Length (m)	Shield-Cable	Shield-Connector	Remarks
1	AC Cable	2.5	Unshielded	Unshielded	-
2	AC Cable	3.0	Unshielded	Unshielded	-
3	DVI Cable	3.0	Shielded	Shielded	-
4	Coaxial Cable	5.0	Shielded	Shielded	-
5	Display Port Cable	3.0	Shielded	Shielded	-
6	Coaxial Cable	1.5	Shielded	Shielded	-
7	USB Type-C Cable	2.0	Shielded	Shielded	-
8	DVI Cable	2.0	Shielded	Shielded	-
9	Display Port Cable	3.0	Shielded	Shielded	-
10	HDMI Cable	3.0	Shielded	Shielded	-
11	LAN Cable	3.0	Unshielded	Unshielded	Cat.5e
12	Foot Switch Cable	5.0	Unshielded	Unshielded	-
13	RS232C Cable	2.0	Shielded	Shielded	-
14	AC Cable	2.0	Unshielded	Unshielded	-
15	AC Cable	2.0	Unshielded	Unshielded	-
16	DC Cable	1.8	Unshielded	Unshielded	-
17	AC Cable	1.9	Unshielded	Unshielded	-
18	SERIAL Cable	1.8	Shielded	Shielded	-
19	USB Cable	1.7	Shielded	Shielded	-
20	USB Cable	1.5	Shielded	Shielded	-
21	USB Cable	1.8	Shielded	Shielded	-
22	USB Cable	1.8	Shielded	Shielded	-
23	DC Cable	2.6	Unshielded	Unshielded	-

Section 5 : Conducted emission

5.1 Test conditions

Frequency range	0.15 MHz to 30 MHz
EUT position	Table top

5.2 Test configuration

The EUT was placed on a platform of nominal size, 1.0 m by 1.5 m, raised 0.8 m above the conducting ground plane. The table of its platform of nominal size 1.0 m by 2.0 m, height of 0.8 m was also used. The rear of tabletop was located 40 cm to the vertical conducting plane. The rear of EUT, including peripherals was aligned and was flushed with rear of tabletop. All other surfaces of tabletop were at least 80 cm from any other grounded conducting surface. The EUT was located 0.8 m from Line Impedance Stabilization Network (LISN) and excess AC Cable was bundled in center. I/O cables that were connected to the peripherals were bundled in center. They were folded back and forth forming a bundle 30 cm to 40 cm long and were hanged at a 40 cm height to the ground plane. Each EUT current-carrying power lead, except the ground (safety) lead, was individually connected through a LISN to the input power source. All unused 50 ohm connectors of the LISN were resistively terminated in 50 ohm when not connected to the measuring equipment. Photographs of the setup are shown in Appendix 3.

5.3 Test procedure

The emission had been measured with the EUT in the shielded room. An overview sweep with peak detection has been performed. The measurements had been performed with a quasi-peak detector and if required, with a CISPR average detector (CAV).

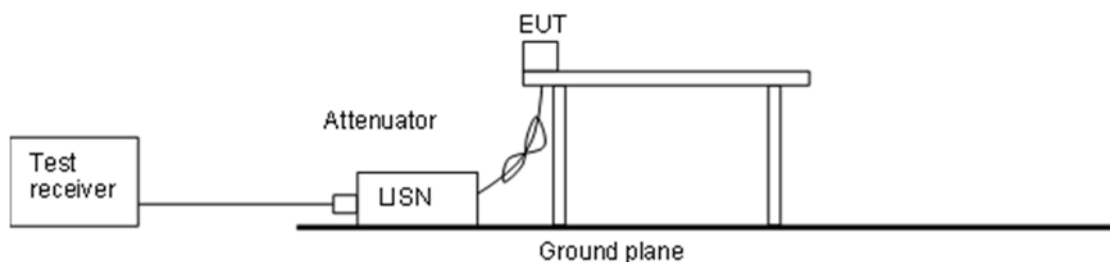
The conducted emission measurements were made with the following detector function.

Detector Type	QP / CAV
IF Bandwidth	9 kHz / 9 kHz

5.4 Results

Summary of the test results: Pass

Figure 1. Test Setup



Section 6 : Radiated emission

6.1 Test conditions

Frequency range	30 MHz to 40 GHz
EUT position	Table top

6.2 Test configuration

The EUT was placed on a platform of nominal size, 1.0 m by 2.0 m, raised 0.8 m above the conducting ground plane. The table is made of expanded polystyrol and expanded polypropylene and the table top is covered with polycarbonate. That has very low permittivity. The rear of EUT, including its peripherals was aligned and flushed with rear of tabletop. I/O cables that were connected to the peripherals were bundled in center. They were folded back and forth forming a bundle 30 cm to 40 cm long and were hanged at a 40 cm height to the ground plane.

Photographs of the setup are shown in Appendix 3.

6.3 Test procedure

The Radiated Electric Field Strength intensity has been measured in a Semi-Anechoic Chamber with a ground plane at a distance of 10 m* or 3 m.

* Measuring distance (below 1 GHz)

The boundary of the EUT is defined by an imaginary circular periphery.

The measuring antenna height was varied between 1 m and 4 m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.

The measurements were performed for both vertical and horizontal antenna polarization.

Test antenna was aimed at the emission source for receiving the maximum signal and always kept. (above 1 GHz)

The radiated emission measurements were made with the following detector function.

	30 MHz to 1000 MHz (Test receiver)	1 GHz to 40 GHz (Spectrum analyzer)	
Detector Type	QP	AV *1)	PK
IF Bandwidth	120 kHz	RBW 1 MHz/ VBW 10 Hz	RBW 1 MHz/ VBW 3 MHz

*1) When using Spectrum analyzer, the test was made with adjusting span to zero by using peak hold.

6.4 Results

Summary of the test results: Pass

Figure 2. Antenna angle

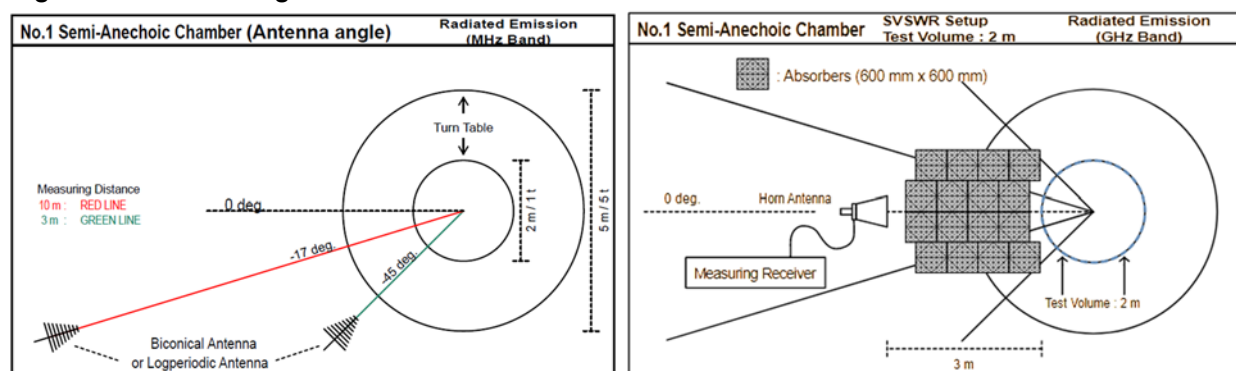
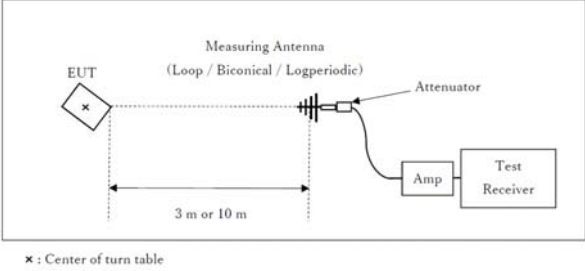
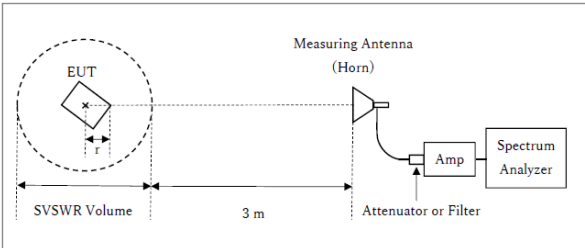


Figure 3. Test Setup

Below 1 GHz  × : Center of turn table	Test Distance: 10 m
1 GHz to 40 GHz  r : Radius of an outer periphery of EUT × : Center of turn table	Distance Factor: $20 \times \log (3 \text{ m}^*/10 \text{ m}) = -10.45 \text{ dB}$ * Test Distance: $(3 + \text{SVSWR Volume} / 2) - r = 3 \text{ m}$ SVSWR Volume: 2 m (SVSWR Volume has been calibrated based on CISPR 16-1-4.) r = 1 m

Distance Factor is based on FCC Subpart A Section 15.31 (f).

DATA OF CONDUCTED EMISSION TEST

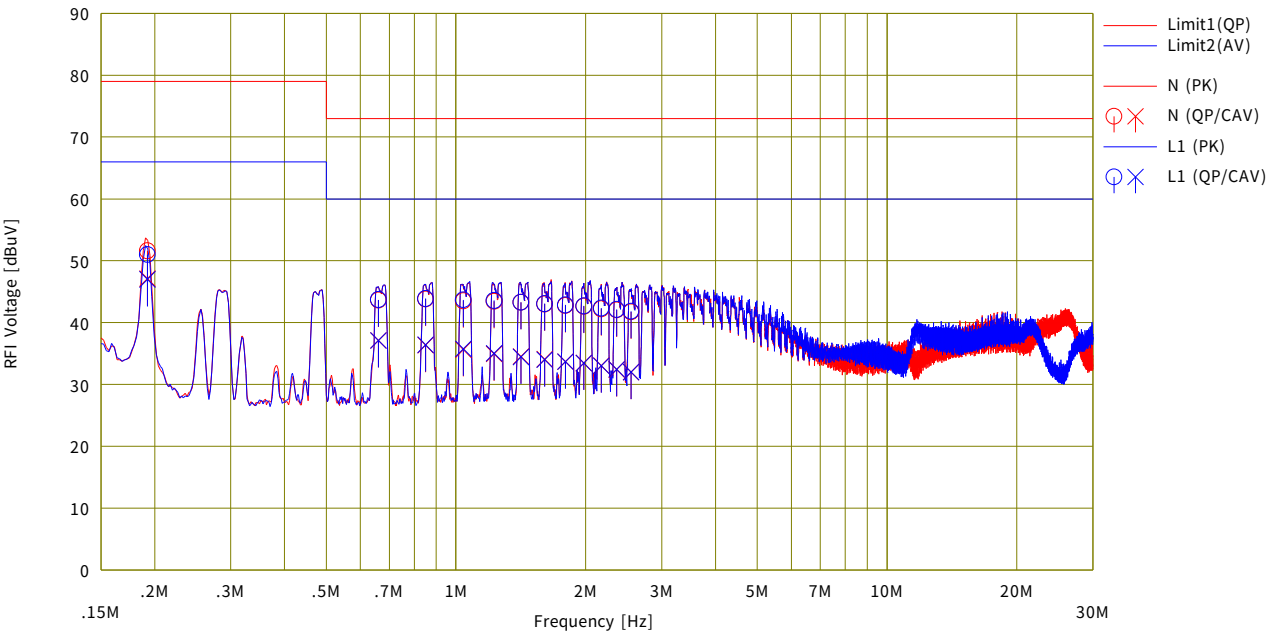
UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2025/07/22

Company : Sony Corporation
Kind of EUT : LCD Monitor
Model No. : OEV-321MUH
Serial No. : 9990012
Remarks : with AC Adaptor (AC-300MD)

Mode : 12G-SDI & HDMI (Multi Display)
Order No. : 15882642
Power : AC 120 V / 60 Hz
Temp./Humi. : 23 deg.C / 49 %RH

Limit : FCC_Part 15 Subpart B(15.107)_Class A

Engineer : Ren Anzai



No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		<QP>	<CAV>		<QP>	<CAV>	<QP>	<AV>	<QP>	<AV>		
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.19240	36.49	31.99	15.12	51.61	47.11	79.00	66.00	27.3	18.8	N	
2	0.66080	28.48	21.91	15.18	43.66	37.09	73.00	60.00	29.3	22.9	N	
3	0.84940	28.61	21.16	15.20	43.81	36.36	73.00	60.00	29.1	23.6	N	
4	1.03900	28.32	20.44	15.20	43.52	35.64	73.00	60.00	29.4	24.3	N	
5	1.22620	28.21	19.70	15.22	43.43	34.92	73.00	60.00	29.5	25.0	N	
6	1.41580	28.05	19.29	15.23	43.28	34.52	73.00	60.00	29.7	25.4	N	
7	1.60460	27.76	18.84	15.24	43.00	34.08	73.00	60.00	30.0	25.9	N	
8	1.79400	27.51	18.45	15.25	42.76	33.70	73.00	60.00	30.2	26.3	N	
9	1.98160	27.38	18.20	15.26	42.64	33.46	73.00	60.00	30.3	26.5	N	
10	2.17240	26.96	17.77	15.27	42.23	33.04	73.00	60.00	30.7	26.9	N	
11	2.36010	26.75	17.15	15.28	42.03	32.43	73.00	60.00	30.9	27.5	N	
12	2.54840	26.45	16.71	15.29	41.74	32.00	73.00	60.00	31.2	28.0	N	
13	0.19240	35.90	31.88	15.11	51.01	46.99	79.00	66.00	27.9	19.0	L1	
14	0.66080	28.52	21.92	15.19	43.71	37.11	73.00	60.00	29.2	22.8	L1	
15	0.84940	28.69	21.21	15.21	43.90	36.42	73.00	60.00	29.1	23.5	L1	
16	1.03900	28.49	20.56	15.21	43.70	35.77	73.00	60.00	29.3	24.2	L1	
17	1.22620	28.35	19.79	15.24	43.59	35.03	73.00	60.00	29.4	24.9	L1	
18	1.41580	28.04	19.20	15.24	43.28	34.44	73.00	60.00	29.7	25.5	L1	
19	1.60460	27.81	18.75	15.25	43.06	34.00	73.00	60.00	29.9	26.0	L1	
20	1.79400	27.58	18.42	15.27	42.85	33.69	73.00	60.00	30.1	26.3	L1	
21	1.98160	27.42	18.18	15.28	42.70	33.46	73.00	60.00	30.3	26.5	L1	
22	2.17240	27.05	17.72	15.29	42.34	33.01	73.00	60.00	30.6	26.9	L1	
23	2.36010	26.82	17.14	15.30	42.12	32.44	73.00	60.00	30.8	27.5	L1	
24	2.54840	26.54	16.70	15.31	41.85	32.01	73.00	60.00	31.1	27.9	L1	

DATA OF CONDUCTED EMISSION TEST

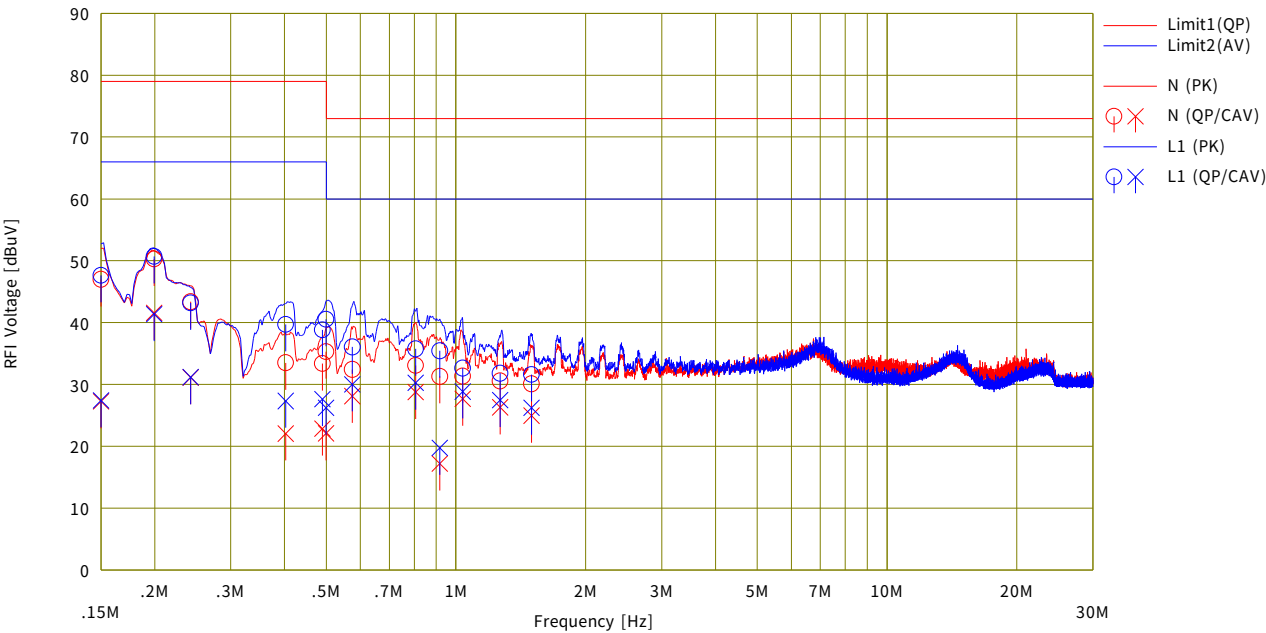
UL Japan,Inc. Shonan EMC Lab. No.1 Shielded Room
Date : 2025/07/23

Company : Sony Corporation
Kind of EUT : LCD Monitor
Model No. : OEV-321MUH
Serial No. : 9990012
Remarks : without AC Adaptor (AC-300MD)

Mode : 12G-SDI & HDMI (Multi Display)
Order No. : 15882642
Power : AC 120 V / 60 Hz
Temp./Humi. : 23 deg.C / 49 %RH

Limit : FCC_Part 15 Subpart B(15.107)_Class A

Engineer : Ren Anzai



No.	Freq. [MHz]	Reading		C.Fac	Results		Limit		Margin		Phase	Comment
		<QP>	<CAV>		<QP>	<CAV>	<QP>	<AV>	<QP>	<AV>		
		[dBuV]	[dBuV]		[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
1	0.15010	31.84	12.14	15.13	46.97	27.27	79.00	66.00	32.0	38.7	N	
2	0.19950	35.16	26.45	15.13	50.29	41.58	79.00	66.00	28.7	24.4	N	
3	0.24240	28.23	16.01	15.13	43.36	31.14	79.00	66.00	35.6	34.8	N	
4	0.40300	18.37	6.91	15.14	33.51	22.05	79.00	66.00	45.4	43.9	N	
5	0.49010	18.21	7.70	15.16	33.37	22.86	79.00	66.00	45.6	43.1	N	
6	0.49960	20.15	6.95	15.16	35.31	22.11	79.00	66.00	43.6	43.8	N	
7	0.57520	17.24	12.96	15.17	32.41	28.13	73.00	60.00	40.5	31.8	N	
8	0.80610	17.88	13.60	15.19	33.07	28.79	73.00	60.00	39.9	31.2	N	
9	0.91740	16.07	2.02	15.21	31.28	17.23	73.00	60.00	41.7	42.7	N	
10	1.03630	16.16	12.50	15.20	31.36	27.70	73.00	60.00	41.6	32.3	N	
11	1.26580	15.36	11.09	15.22	30.58	26.31	73.00	60.00	42.4	33.6	N	
12	1.49730	14.84	9.71	15.24	30.08	24.95	73.00	60.00	42.9	35.0	N	
13	0.15010	32.52	12.31	15.11	47.63	27.42	79.00	66.00	31.3	38.5	L1	
14	0.19950	35.59	26.25	15.12	50.71	41.37	79.00	66.00	28.2	24.6	L1	
15	0.24240	28.07	16.06	15.12	43.19	31.18	79.00	66.00	35.8	34.8	L1	
16	0.40300	24.56	12.19	15.16	39.72	27.35	79.00	66.00	39.2	38.6	L1	
17	0.49010	23.68	12.47	15.17	38.85	27.64	79.00	66.00	40.1	38.3	L1	
18	0.49960	25.37	11.04	15.17	40.54	26.21	79.00	66.00	38.4	39.7	L1	
19	0.57520	20.87	14.83	15.19	36.06	30.02	73.00	60.00	36.9	29.9	L1	
20	0.80610	20.56	15.06	15.20	35.76	30.26	73.00	60.00	37.2	29.7	L1	
21	0.91740	20.23	4.54	15.21	35.44	19.75	73.00	60.00	37.5	40.2	L1	
22	1.03630	17.43	13.64	15.21	32.64	28.85	73.00	60.00	40.3	31.1	L1	
23	1.26580	16.56	12.23	15.24	31.80	27.47	73.00	60.00	41.2	32.5	L1	
24	1.49730	16.39	10.96	15.25	31.64	26.21	73.00	60.00	41.3	33.7	L1	

DATA OF RADIATED EMISSION TEST

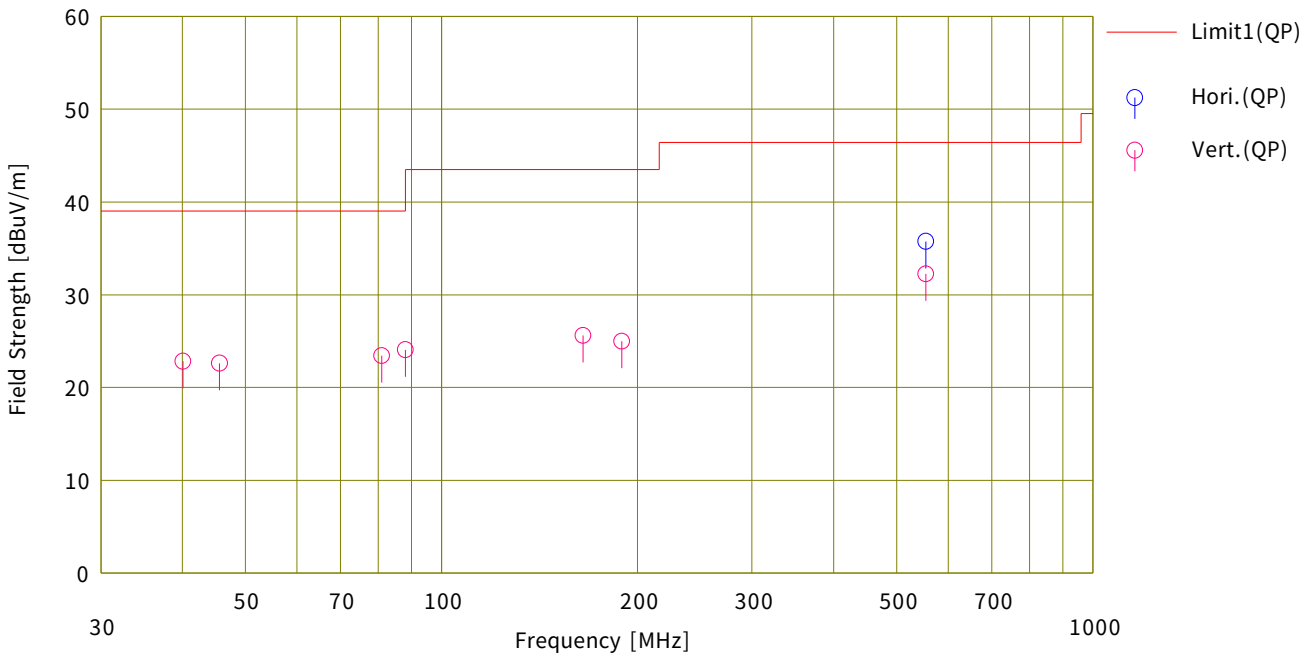
UL Japan,Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2025/07/18

Company : Sony Corporation
Kind of EUT : LCD Monitor
Model No. : OEV-321MUH
Serial No. : 9990012
Remarks : with AC Adaptor (AC-300MD)

Mode : 12G-SDI & HDMI (Multi Display)
Order No. : 15882642
Power : AC 120 V / 60 Hz
Temp./Humi. : 22 deg.C / 64 %RH

Limit : FCC_Part 15 Subpart B (15.109)_Class A

Engineer : Yasumasa Owaki



No.	Freq.	Reading	Ant.Fac	Loss	Gain	S.Fac	Result	Limit	Margin	Pola.	Height	Angle	Ant. Type	Comment
		<QP>					<QP>	<QP>	<QP>					
	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[H/V]	[cm]	[deg]		
1	554.485	40.80	18.69	8.33	32.07	0.00	35.75	46.40	10.6	Hori.	153	230	LP	
2	40.085	32.80	14.72	7.21	31.84	-0.06	22.83	39.00	16.1	Vert.	100	177	BC	
3	45.645	34.50	12.68	7.30	31.84	-0.02	22.62	39.00	16.3	Vert.	100	78	BC	
4	81.000	40.60	6.42	7.78	31.82	0.45	23.43	39.00	15.5	Vert.	155	275	BC	
5	88.000	39.90	7.73	7.87	31.82	0.38	24.06	39.00	14.9	Vert.	123	225	BC	
6	165.000	33.10	15.50	8.71	31.80	0.10	25.61	43.50	17.8	Vert.	100	284	BC	
7	189.155	31.60	16.37	8.93	31.79	-0.11	25.00	43.50	18.5	Vert.	100	168	BC	
8	554.485	37.30	18.69	8.33	32.07	0.00	32.25	46.40	14.1	Vert.	100	33	LP	

DATA OF RADIATED EMISSION TEST

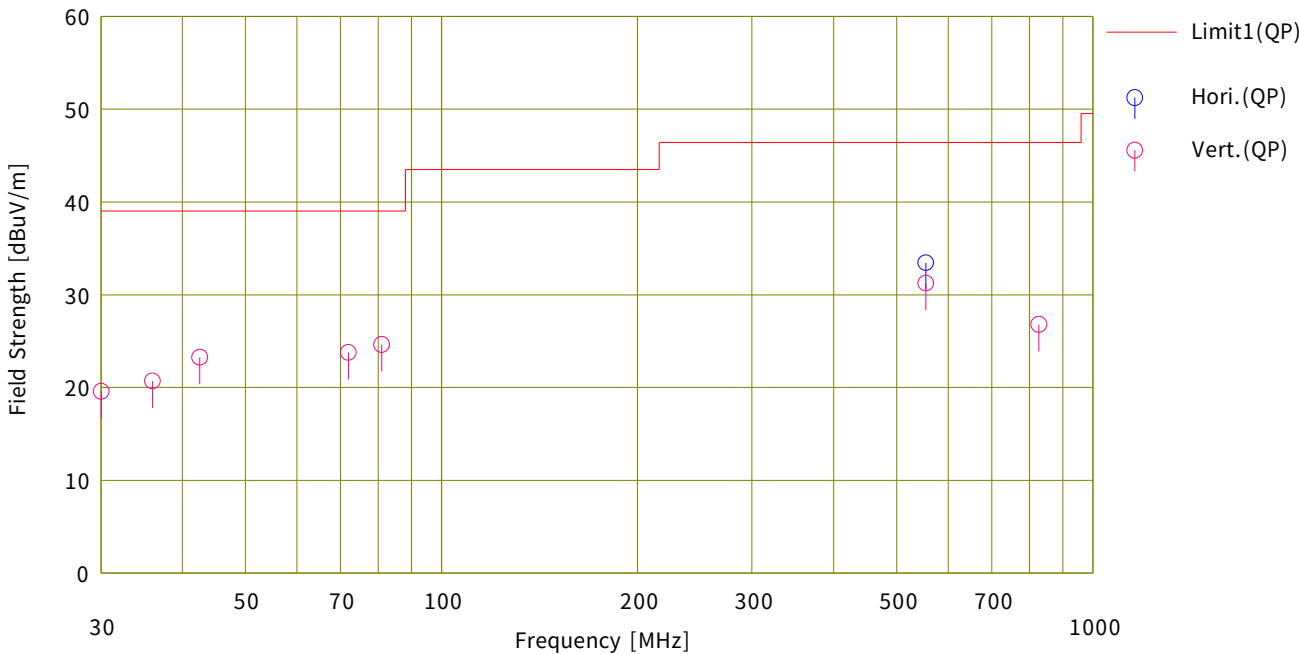
UL Japan,Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2025/07/18

Company : Sony Corporation
Kind of EUT : LCD Monitor
Model No. : OEV-321MUH
Serial No. : 9990012
Remarks : without AC Adaptor (AC-300MD)

Mode : 12G-SDI & HDMI (Multi Display)
Order No. : 15882642
Power : AC 120 V / 60 Hz
Temp./Humi. : 22 deg.C / 64 %RH

Limit : FCC_Part 15 Subpart B (15.109)_Class A

Engineer : Yasumasa Owaki



No.	Freq.	Reading	Ant.Fac	Loss	Gain	S.Fac	Result	Limit	Margin	Pola.	Height	Angle	Ant. Type	Comment
		<QP>					<QP>	<QP>	<QP>					
	[MHz]	[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[H/V]	[cm]	[deg]		
1	554.485	38.50	18.69	8.33	32.07	0.00	33.45	46.40	12.9	Hori.	142	206	LP	
2	30.065	25.90	18.61	7.04	31.84	-0.13	19.58	39.00	19.4	Vert.	100	199	BC	
3	36.000	29.20	16.28	7.14	31.84	-0.08	20.70	39.00	18.3	Vert.	100	191	BC	
4	42.575	34.10	13.80	7.25	31.84	-0.04	23.27	39.00	15.7	Vert.	100	233	BC	
5	72.000	41.70	6.32	7.67	31.83	-0.09	23.77	39.00	15.2	Vert.	166	252	BC	
6	81.000	41.80	6.42	7.78	31.82	0.45	24.63	39.00	14.3	Vert.	144	269	BC	
7	554.485	36.30	18.69	8.33	32.07	0.00	31.25	46.40	15.1	Vert.	100	44	LP	
8	826.950	27.40	21.50	9.70	31.80	0.00	26.80	46.40	19.6	Vert.	167	167	LP	

DATA OF RADIATED EMISSION TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2025/07/18

Company : Sony Corporation

Kind of EUT : LCD Monitor

Model No. : OEV-321MUH

Serial No. : 9990012

Remarks : with AC Adaptor (AC-300MD), Test Distance=300 cm

Mode : 12G-SDI & HDMI (Multi Display)

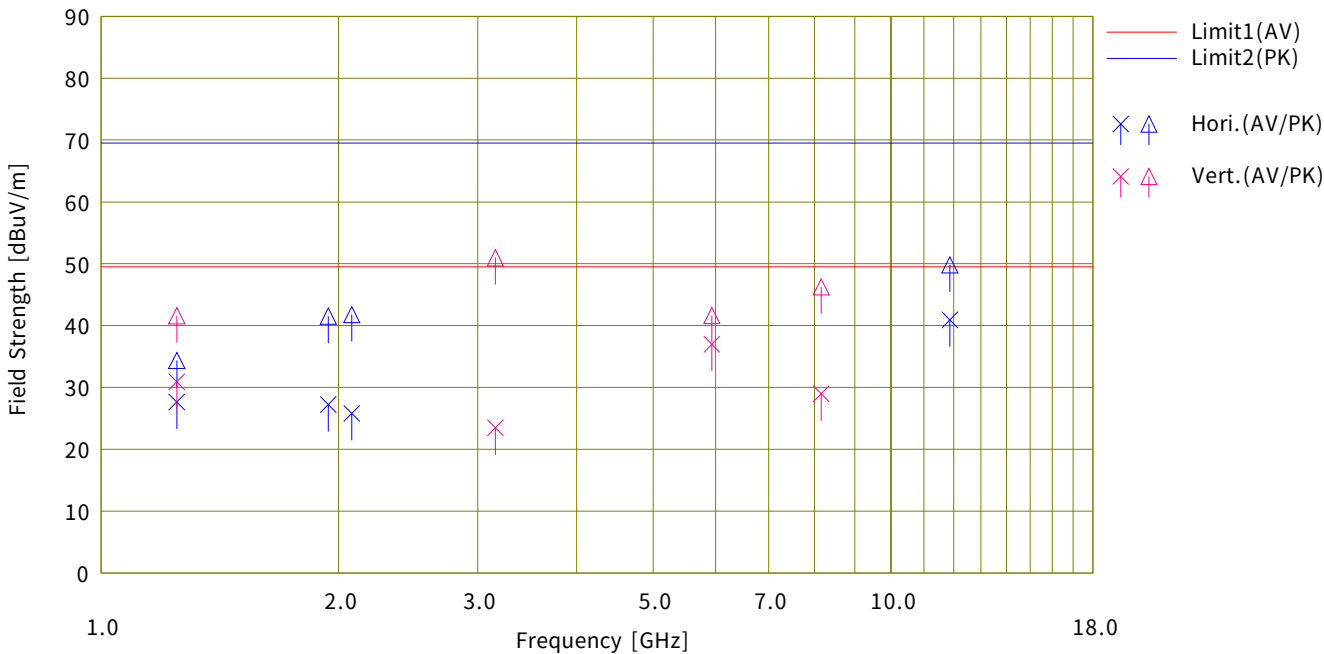
Order No. : 15882642

Power : AC 120 V / 60 Hz

Temp./Humi. : 22 deg.C / 68 %RH

Limit : FCC_Part 15 Subpart B (15.109)_Class A

Engineer : Yuta Shiba



No.	Freq.	Reading		Ant.Fac	Loss	Gain	D.Fac	Result		Limit		Margin		Pola.	Height	Angle	Ant. Type	Comment
		<AV>	<PK>					<AV>	<PK>	<AV>	<PK>	<AV>	<PK>					
		[dBuV]	[dBuV]					[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]					
1	1247.582	48.69	55.40	24.98	3.58	39.15	-10.45	27.65	34.36	49.50	69.50	21.8	35.1	Hori.	100	217	31SH01	
2	1940.675	47.01	61.29	25.50	4.49	39.30	-10.45	27.25	41.53	49.50	69.50	22.2	27.9	Hori.	130	230	31SH01	
3	2079.231	44.52	60.47	26.46	4.66	39.37	-10.45	25.82	41.77	49.50	69.50	23.6	27.7	Hori.	159	184	31SH01	
4	11867.950	39.56	48.45	38.84	11.70	38.72	-10.45	40.93	49.82	49.50	69.50	8.5	19.6	Hori.	158	226	39SH01	
5	1247.595	51.95	62.64	24.98	3.58	39.15	-10.45	30.91	41.60	49.50	69.50	18.5	27.9	Vert.	208	186	31SH01	
6	3155.727	38.92	66.44	28.65	5.75	39.40	-10.45	23.47	50.99	49.50	69.50	26.0	18.5	Vert.	240	194	31SH01	
7	5936.936	46.53	51.16	32.74	8.02	39.84	-10.45	37.00	41.63	49.50	69.50	12.5	27.8	Vert.	100	120	31SH01	
8	8159.397	31.96	49.25	37.11	9.43	39.05	-10.45	29.00	46.29	49.50	69.50	20.5	23.2	Vert.	100	222	31SH01	

DATA OF RADIATED EMISSION TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2025/07/18

Company : Sony Corporation

Kind of EUT : LCD Monitor

Model No. : OEV-321MUH

Serial No. : 9990012

Remarks : without AC Adaptor (AC-300MD), Test Distance=300 cm

Mode : 12G-SDI & HDMI (Multi Display)

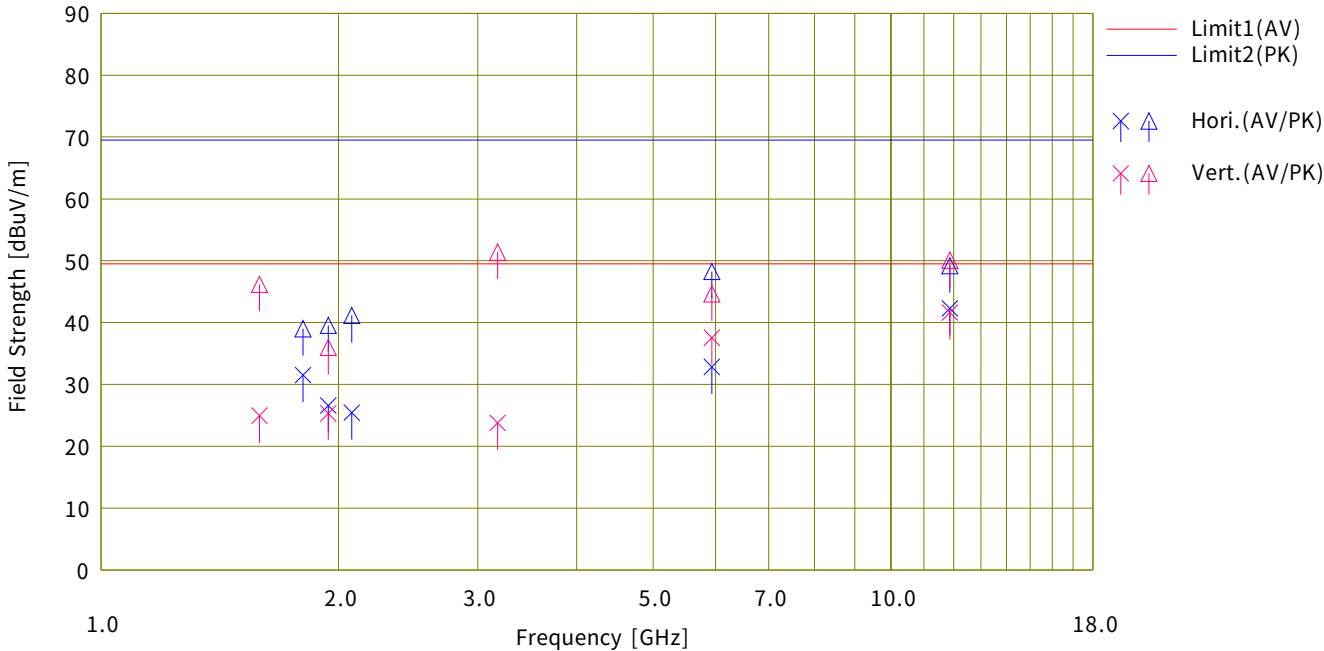
Order No. : 15882642

Power : AC 120 V / 60 Hz

Temp./Humi. : 22 deg.C / 68 %RH

Limit : FCC_Part 15 Subpart B (15.109)_Class A

Engineer : Yuta Shiba



No.	Freq.	Reading		Ant.Fac	Loss	Gain	D.Fac	Result		Limit		Margin		Pola.	Height	Angle	Ant. Type	Comment
		<AV>	<PK>					<AV>	<PK>	<AV>	<PK>	<AV>	<PK>					
	[MHz]	[dBuV]	[dBuV]					[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]		[cm]	[deg]		
1	1801.994	51.77	59.26	25.12	4.32	39.23	-10.45	31.53	39.02	49.50	69.50	17.9	30.4	Hori.	288	203	31SH01	
2	1940.657	46.34	59.31	25.50	4.49	39.30	-10.45	26.58	39.55	49.50	69.50	22.9	29.9	Hori.	264	187	31SH01	
3	2079.389	44.16	59.85	26.46	4.66	39.37	-10.45	25.46	41.15	49.50	69.50	24.0	28.3	Hori.	180	150	31SH01	
4	5934.064	42.38	57.78	32.73	8.02	39.84	-10.45	32.84	48.24	49.50	69.50	16.6	21.2	Hori.	137	247	31SH01	
5	11867.880	40.94	47.80	38.84	11.70	38.72	-10.45	42.31	49.17	49.50	69.50	7.1	20.3	Hori.	159	167	39SH01	
6	1587.178	45.76	67.00	24.73	4.05	39.13	-10.45	24.96	46.20	49.50	69.50	24.5	23.3	Vert.	243	213	31SH01	
7	1940.708	45.09	55.73	25.50	4.49	39.30	-10.45	25.33	35.97	49.50	69.50	24.1	33.5	Vert.	100	153	31SH01	
8	3177.764	39.29	66.88	28.59	5.77	39.40	-10.45	23.80	51.39	49.50	69.50	25.7	18.1	Vert.	229	196	31SH01	
9	5937.004	47.09	54.19	32.74	8.02	39.84	-10.45	37.56	44.66	49.50	69.50	11.9	24.8	Vert.	100	203	31SH01	
10	11867.900	40.25	48.73	38.84	11.70	38.72	-10.45	41.62	50.10	49.50	69.50	7.8	19.4	Vert.	269	172	39SH01	

DATA OF RADIATED EMISSION TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2025/07/19

Company : Sony Corporation

Kind of EUT : LCD Monitor

Model No. : OEV-321MUH

Serial No. : 9990012

Remarks : with AC Adaptor (AC-300MD), Test Distance=300 cm

Mode : 12G-SDI & HDMI (Multi Display)

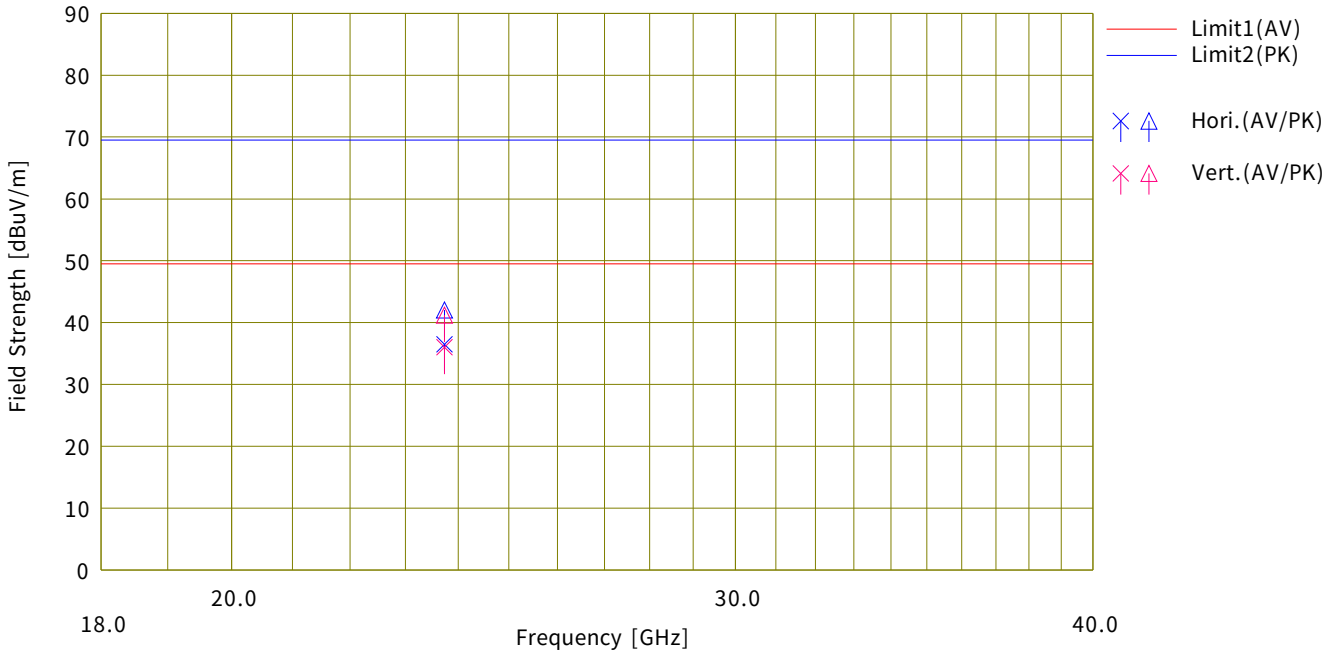
Order No. : 15882642

Power : AC 120 V / 60 Hz

Temp./Humi. : 22 deg.C / 64 %RH

Limit : FCC_Part 15 Subpart B (15.109)_Class A

Engineer : Yuta Shiba



No.	Freq.	Reading		Ant.Fac	Loss	Gain	D.Fac	Result		Limit		Margin		Pola.	Height	Angle	Ant. Type	Comment
		<AV>	<PK>					<AV>	<PK>	<AV>	<PK>	<AV>	<PK>					
		[MHz]	[dBuV]					[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]					
1	23736.110	37.81	43.34	40.27	15.61	46.74	-10.45	36.50	42.03	49.50	69.50	13.0	27.4	Hori.	100	161	SHA04	
2	23735.870	37.32	42.52	40.27	15.61	46.74	-10.45	36.01	41.21	49.50	69.50	13.4	28.2	Vert.	102	167	SHA04	

DATA OF RADIATED EMISSION TEST

UL Japan,Inc. Shonan EMC Lab. No.1 Semi-Anechoic Chamber
Date : 2025/07/18

Company : Sony Corporation

Kind of EUT : LCD Monitor

Model No. : OEV-321MUH

Serial No. : 9990012

Remarks : without AC Adaptor (AC-300MD), Test Distance=300 cm

Mode : 12G-SDI & HDMI (Multi Display)

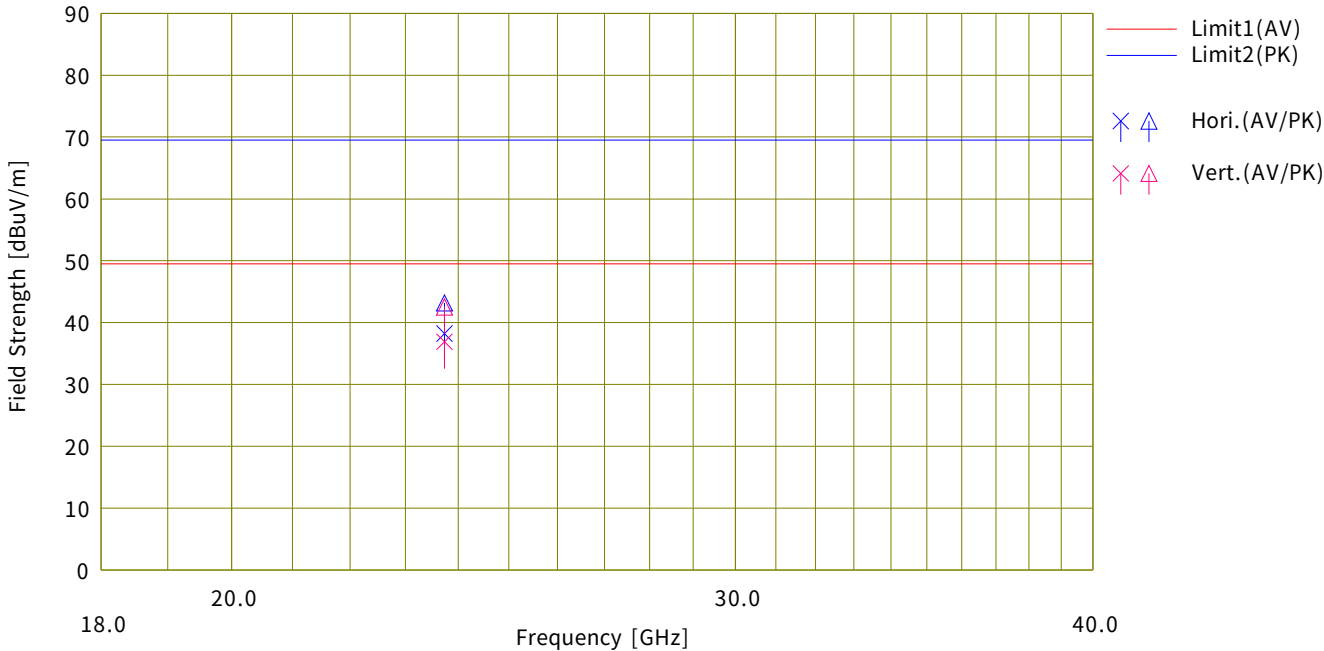
Order No. : 15882642

Power : AC 120 V / 60 Hz

Temp./Humi. : 22 deg.C / 64 %RH

Limit : FCC_Part 15 Subpart B (15.109)_Class A

Engineer : Yuta Shiba



No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	D.Fac [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<AV>	<PK>					<AV>	<PK>	<AV>	<PK>	<AV>	<PK>					
		[dBuV]	[dBuV]					[dBuV/m]	[dBuV/m]	[dBuV/m]	[dBuV/m]	[dB]	[dB]					
1	23735.880	39.55	44.51	40.27	15.61	46.74	-10.45	38.24	43.20	49.50	69.50	11.2	26.3	Hori.	100	161	SHA04	
2	23735.880	38.21	43.84	40.27	15.61	46.74	-10.45	36.90	42.53	49.50	69.50	12.6	26.9	Vert.	100	167	SHA04	

APPENDIX 2**Test Instruments****EMI test equipment**

Test Name	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Calibration Interval (Month)
CE	248304	Attenuator	JFW	50HFFA-006-2/18N	-	2025/05/14	12
CE	144966	Coaxial Cable&RF Selector	Suhner/Suhner/TOYO	RG223U/141PE/NS4906	-/0901-269(RF Selector)	2025/04/05	12
CE	145538	LISN	Rohde & Schwarz	ENV216	100511	2025/02/01	12
CE	145539	LISN	Rohde & Schwarz	ENV216	100512	2025/02/01	12
CE	145745	Terminator	TME	CT-01 BP	-	2024/11/21	12
CE	167990	Thermo-Hygrometer	CUSTOM. Inc	CTH-202	708Q08R	2024/08/11	12
CE,RE	145792	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997812	2024/09/24	12
CE,RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,PE)	Ver 3.1.0546	-	-
CE,RE	207279	Tape Measure	ASKUL	-	-	-	-
CE,RE	213530	Test Receiver	Rohde & Schwarz	ESW44	103068	2025/02/12	12
RE	144899	Attenuator	Inmet	18N-6dB	-	2024/11/21	12
RE	144959	Attenuator	JFW	50HF-003N	-	2025/07/18	12
RE	145161	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	BBA9106	91032664	2025/04/22	12
RE	145176	Coaxial Cable	Suhner	SUCOFLEX 102	32703/2	2024/08/21	12
RE	179540	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	802815/2	2025/03/13	12
RE	196945	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803414/2	2025/03/13	12
RE	196985	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803650/2	2025/03/14	12
RE	243212	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NMS13-9.0m	49306-01-01	2025/06/24	12
RE	144968	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/Suhner/TOYO	8D2W/12DSFA/141PE/141PE/141PE/NS4906	-/0901-269(RF Selector)	2025/04/05	12
RE	145383	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA9120D	9120D-725	2025/03/03	12
RE	145512	Horn Antenna	ETS-Lindgren	3160-09	00094868	2025/06/17	12
RE	145514	Horn Antenna	ETS-Lindgren	3160-10	00092383	2025/06/17	12
RE	145533	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	UHALP9108A	UHALP 9108-A 0901	2025/05/16	12
RE	145003	Pre Amplifier	SONOMA	310N	290211	2025/02/19	12
RE	145007	Pre Amplifier	Toyo Corporation	HAP18-26W	19	2024/08/21	12
RE	145127	Pre Amplifier	Toyo Corporation	TPA0118-36	2072554	2025/05/28	12
RE	145129	Pre Amplifier	Toyo Corporation	HAP26-40W	B3208602403-176	2025/05/28	12
RE	145561	Semi-Anechoic Chamber	TDK	SAEC-01(SVSWR)	1	2025/05/16	12
RE	145597	Semi-Anechoic Chamber	TDK	SAEC-01(NSA)	1	2025/04/04	12
RE	146209	Test Receiver	Rohde & Schwarz	ESU26	100484	2024/09/26	12
RE	259708	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2025/04/11	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test Item:

CE: Conducted emission,

RE: Radiated emission