

## Report on the EMC Testing of:

KYOCERA Corporation  
Mobile Phone, Model: KB46

## In accordance with FCC Part 15 Subpart B Class B

Prepared for: KYOCERA Corporation  
Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku,  
Yokohama-shi, Kanagawa, 224-8502 Japan  
Phone: +81-45-943-6253 Fax: +81-45-943-6314



Japan

**Add value.  
Inspire trust.**

## COMMERCIAL-IN-CONFIDENCE

Document Number: JPD-TR-19142-0

### SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Hiroaki Suzuki	Deputy Manager of RF Group	Approved Signatory	17 JUL 2019

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Japan Ltd. document control rules.

### EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with FCC Part 15 Subpart B.  
(excluding the deviations mentioned in section 1.3 of this document).



### DISCLAIMER AND COPYRIGHT

The results in this report are applicable only to the equipment tested.  
This report shall not be re-produced except in full without the written approval of TÜV SÜD Japan Ltd.

### ACCREDITATION

This test report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

TÜV SÜD Japan Ltd.  
Yonezawa Testing Center  
5-4149-7 Hachimanpara,  
Yonezawa-shi, Yamagata,  
992-1128 Japan

Phone: +81 (0) 238 28 2881  
Fax: +81 (0) 238 28 2888  
www.tuv-sud.jp



**Signatures of the individuals responsible for testing the product**

**ENGINEERING STATEMENT**

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported testing was carried out on a sample equipment to demonstrate limited compliance with FCC Part 15 Subpart B. The sample tested was found to be compliant with the requirements defined in the applied rules.

NAME	RESPONSIBLE FOR	SIGNATURE
Nobuhiko Iwasawa	Testing	<i>Nobuhiko Iwasawa</i>
Hiroomi Tsuchiya	Testing	<i>Hiroomi Tsuchiya</i>



## Contents

<b>1</b>	<b>Summary of Test</b> .....	<b>4</b>
1.1	Modification history of the test report .....	4
1.2	Standards .....	4
1.3	Measurement standards.....	4
1.4	Deviation from standards.....	4
1.5	List of applied test(s) of the EUT.....	4
1.6	Test information .....	4
1.7	Test set up.....	4
1.8	Test period.....	4
<b>2</b>	<b>Equipment Under Test</b> .....	<b>5</b>
2.1	EUT information .....	5
2.2	Modification to the EUT .....	5
2.3	Variation of family model(s) .....	5
2.4	Operation mode .....	6
<b>3</b>	<b>Configuration of Equipment</b> .....	<b>7</b>
3.1	Equipment used .....	7
3.2	Cable(s) used .....	7
3.3	System configuration.....	8
<b>4</b>	<b>Test Result</b> .....	<b>9</b>
4.1	Conducted emission at mains port.....	9
4.2	Radiated emission (below 1 GHz) .....	11
4.3	Radiated emission (above 1 GHz) .....	16
<b>5</b>	<b>Measurement Uncertainty</b> .....	<b>22</b>
<b>6</b>	<b>Laboratory Information</b> .....	<b>23</b>
<b>Appendix A. Test Equipment</b> .....		<b>24</b>
<b>Appendix B. Configuration Photographs</b> .....		<b>25</b>

## 1 Summary of Test

### 1.1 Modification history of the test report

Document Number	Modification History	Issue Date
JPD-TR-19142-0	First Issue	Refer to the cover page

### 1.2 Standards

FCC Part 15 Subpart B

### 1.3 Measurement standards

ANSI C63.4 2014

### 1.4 Deviation from standards

None

### 1.5 List of applied test(s) of the EUT

Regarding judgment of conformance to Emission test, a value of measurement uncertainty was not taken in account.

Test Name	Classification of EUT	Test	Worst Point (Margin)	Result	Remark
Conducted emission at mains port	Class B	Applied	USB Read/ with PC mode L2 0.150 MHz QP 15.5 dB	Pass	-
Radiated emission (below 1 GHz)	Class B	Applied	USB Read/ with PC mode H 161.302 MHz QP 11.1 dB	Pass	-
Radiated emission (above 1 GHz)	Class B	Applied	In Camera/ with ADP mode H 3023.989 MHz QP 11.7 dB	Pass	-

### 1.6 Test information

None

### 1.7 Test set up

Table-top

### 1.8 Test period

24-May-2019 - 29-May-2019



## 2 Equipment Under Test

### 2.1 EUT information

Applicant	KYOCERA Corporation Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku, Yokohama-shi, Kanagawa, 224-8502 Japan Phone: +81-45-943-6253 Fax: +81-45-943-6314
Equipment Under Test (EUT)	Mobile Phone
Model number	KB46
Serial number	356297100030891
Trade name	KYOCERA
Authorization	JOYKB46
Number of sample(s)	1
EUT condition	Pre-production
Maximum frequency	2208 MHz
Power rating	Battery: DC 3.8 V
Size	(W) 78.2mm x (D) 151.5mm x (H) 17.4mm

### 2.2 Modification to the EUT

The table below details modifications made to the EUT during the test project.

Modification State	Description of Modification	Modification fitted by	Date of Modification
KB46, S/N: 356297100030891			
0	As supplied by the applicant	Not Applicable	Not Applicable

### 2.3 Variation of family model(s)

#### 2.3.1 List of family model(s)

Not applicable

#### 2.3.2 Reason for selection of EUT

Not applicable



Japan

## 2.4 Operation mode

### 1. In Camera/ with ADP mode

- i) Power ON
- ii) Record

### 2. Out Camera/ with ADP mode

- i) Power ON
- ii) Record

### 3. MP4/ with Earphone mode

- i) Power ON
- ii) Execution of Color Bar moving picture data

### 4. USB Read/ with PC mode

- i) Power ON
- ii) EUT connects to PC via USB cable
- iii) Read / write of MP4 moving picture data

### 3 Configuration of Equipment

Numbers assigned to equipment or cables in "3.1 Equipment(s) used" and "3.2 Cable(s) used" correspond to numbers in "3.3 System configuration".

#### 3.1 Equipment used

No.	Equipment	Company	Model No.	Serial No.	FCC ID /DoC	Remarks
EUT1	Mobile Phone	KYOCERA	KB46	356297100030891	JOYKB46	EUT
AE1	AC adapter	KDDI	0301PQA	HS-TFA	N/A	*1
AE2	Earphone	Hosiden	HDH0261	N/A	N/A	-
AE3	Personal Computer	Lenovo	TYPE 7854-CTO	LR-0GDNF	DoC	-
AE4	AC adapter	Lenovo	42T4418	11S42T4418ZGWWG212MKX REV:H	N/A	-

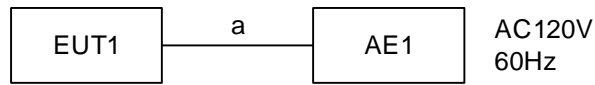
\*1: AC adapter is connected to keep operating.

#### 3.2 Cable(s) used

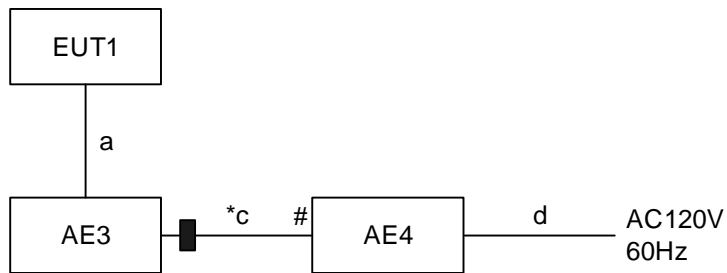
No.	Cable	Length (m)	Shield	EUT accessory Ferrite core	Remarks
a	USB cable	1.0	Yes	-	-
b	Earphone cable	1.2	No	-	-
c	DC cable for PC AC adapter	1.8	No	-	-
d	AC power cord for PC AC adapter	0.8	No	-	-
e	USB cable	0.1	Yes	-	-

### 3.3 System configuration

In Camera/ with ADP mode  
 Out Camera/ with ADP mode

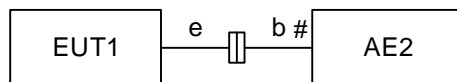


USB Read/ with PC mode



- \* : Bundled excess cable
- # : Un-detachable cable
- : Ferrite core

MP4/ with Earphone mode



- # : Un-detachable cable



## 4 Test Result

### 4.1 Conducted emission at mains port

#### 4.1.1 Measurement condition

Frequency range	0.15 MHz-30 MHz
Test place	10 m Semi-Anechoic Chamber No. 1
EUT was placed on	FRP table (W) 2.0 × (D) 1.0 × (H) 0.8 m
Metal reference plane	Vertical
Test receiver setting	Detector: Quasi-peak, Average Bandwidth: 9 kHz
Line Impedance Stabilization Network (LISN)	Specification: 50 Ω/50 μH Distance from EUT: 0.8 m

EUT is placed on a non-conducting table for table-top equipment or on insulation material for a floor-standing equipment. In addition, a table-top equipment is located 0.4 m to a metal reference plane.

Line Impedance Stabilization Network (LISN) is placed 0.8 m away from the EUT. The power code of the EUT is connected to LISN and its excess part is bundled in the center. The length of bundling is 0.3-0.4 m.

A power code of a peripheral is connected to LISN and terminated into 50 Ω.

Excess cables between equipment are bundled in the center. The length of bundling is 0.3-0.4 m.

Where LISN cannot be applied, the test is performed using a voltage probe.

After overall frequency range is investigated with spectrum analyzer using peak detector, measurements are performed with test receiver in setting to the defined values.

#### 4.1.2 Calculation method

Emission level = Reading + c.f. (correction factor)\*

Margin = Limit – Emission level

\*Note: c.f. = LISN factor + Cable system loss + Attenuator loss

Example)

Limit @ 6.770 MHz: 60.0 dBμV (Quasi-peak)  
50.0 dBμV (Average)

Quasi-peak      Reading = 41.2 dBμV    c.f. = 10.3 dB  
Emission level = 41.2 + 10.3 = 51.5 dBμV  
Margin = 60.0 - 51.5 = 8.5 dB

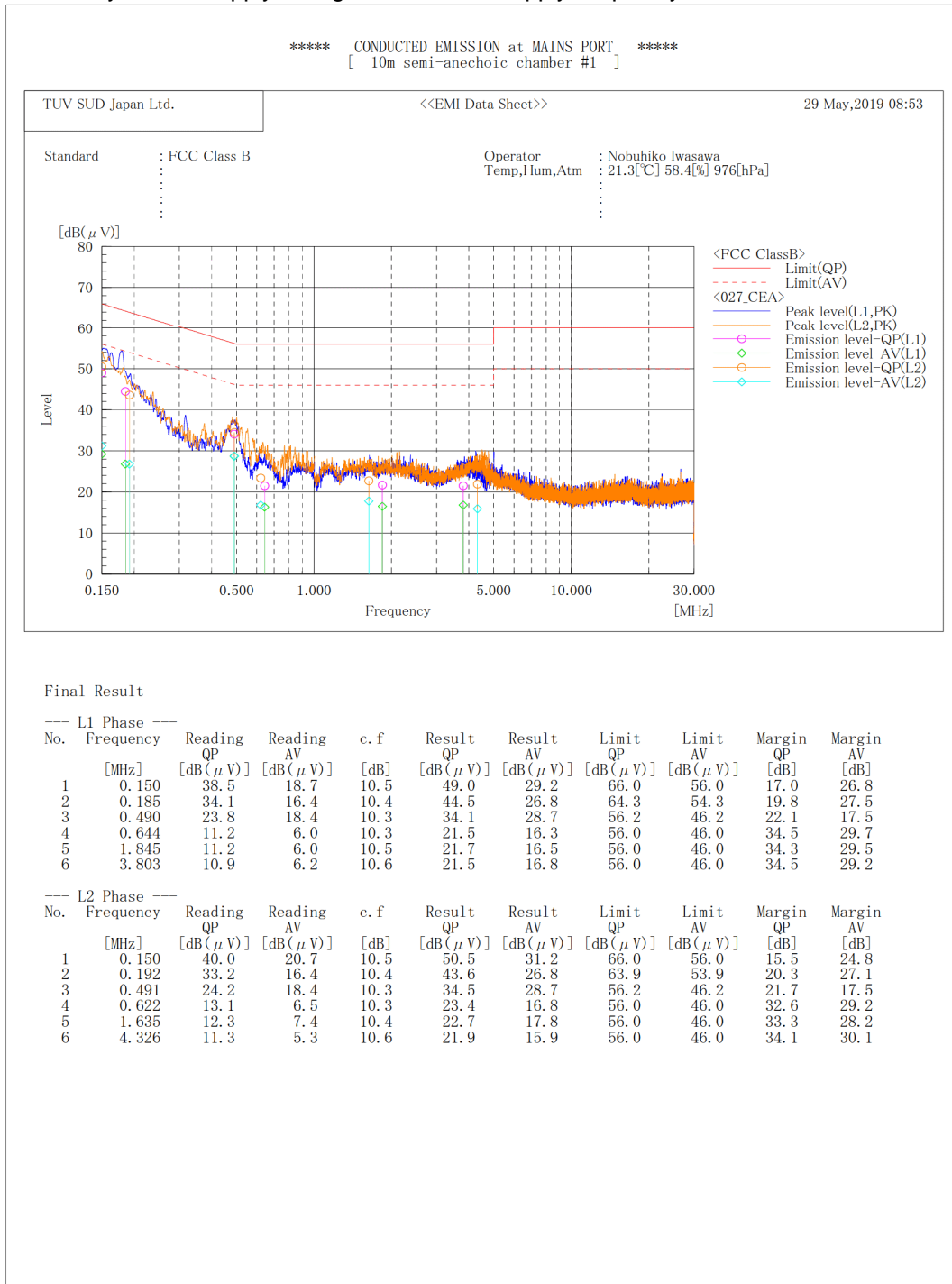
Average          Reading = 35.0 dBμV    c.f. = 10.3 dB  
Emission level = 35.0 + 10.3 = 45.3 dBμV  
Margin = 50.0 - 45.3 = 4.7 dB



4.1.3 Test data

Operation mode	USB Read/ with PC mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

Date of test: 29-May-2019 Supply voltage: AC 120 V Supply frequency: 60 Hz



## 4.2 Radiated emission (below 1 GHz)

### 4.2.1 Measurement condition

Frequency range	30 MHz-1000 MHz
Test place	10 m Semi-Anechoic Chamber No. 1
EUT was placed on	Styrene foam table (W) 2.0 × (D) 1.0 × (H) 0.8 m
Axis	0°-360°
Antenna	Distance from EUT: 3 m Height: 1-4 m Polarity: Horizontal/Vertical
Test receiver setting	Detector: Quasi-peak Bandwidth: 120 kHz

EUT is placed on a non-conducting table for table-top equipment or on insulation material for a floor-standing equipment. The non-conducting table or the insulation material is placed on a rotating turn table.

Excess cables between equipment are bundled in the center. The length of bundling is 0.3-0.4 m.

An antenna is adjusted between 1-4 m in height and varied its polarization (horizontal and vertical), and the EUT azimuth is varied by the rotating turntable 0 to 360 degrees.

After overall frequency range is investigated with spectrum analyzer using peak detector, measurements are performed with test receiver in setting to the defined values.

### 4.2.2 Calculation method

Emission level = Reading + c.f. (correction factor)\*

Margin = Limit - Emission level

\*Note: c.f. = Antenna factor + Cable system loss + Attenuator loss - Amplifier Gain

Example)

Limit @ 350.0 MHz: 37.0 dB $\mu$ V/m

Reading = 41.1 dB $\mu$ V c.f. = -11.8 dB/m

Emission level = 41.1 - 11.8 = 29.3 dB $\mu$ V/m

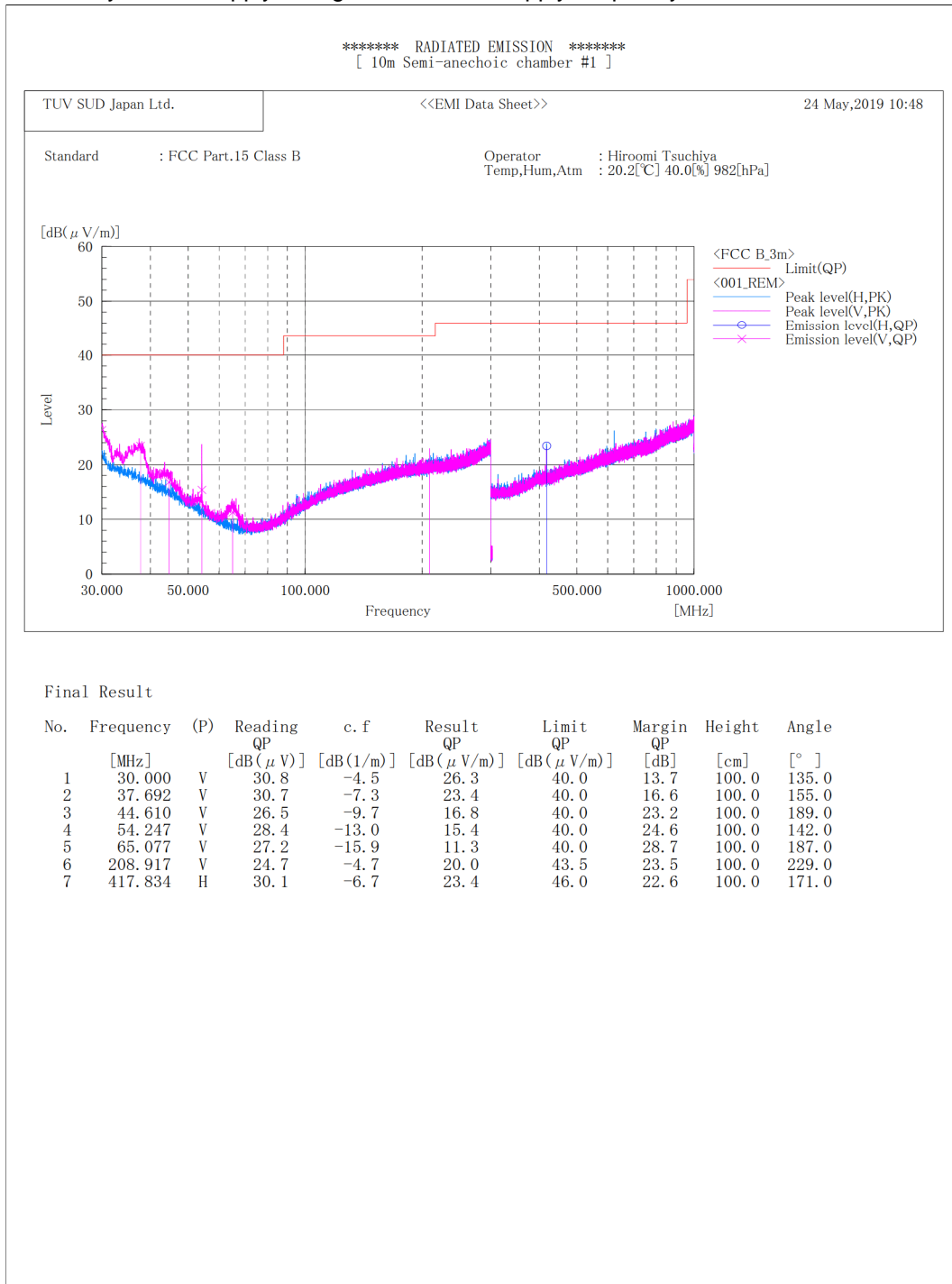
Margin = 37.0 - 29.3 = 7.7 dB



4.2.3 Test data

Operation mode	In Camera/ with ADP mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

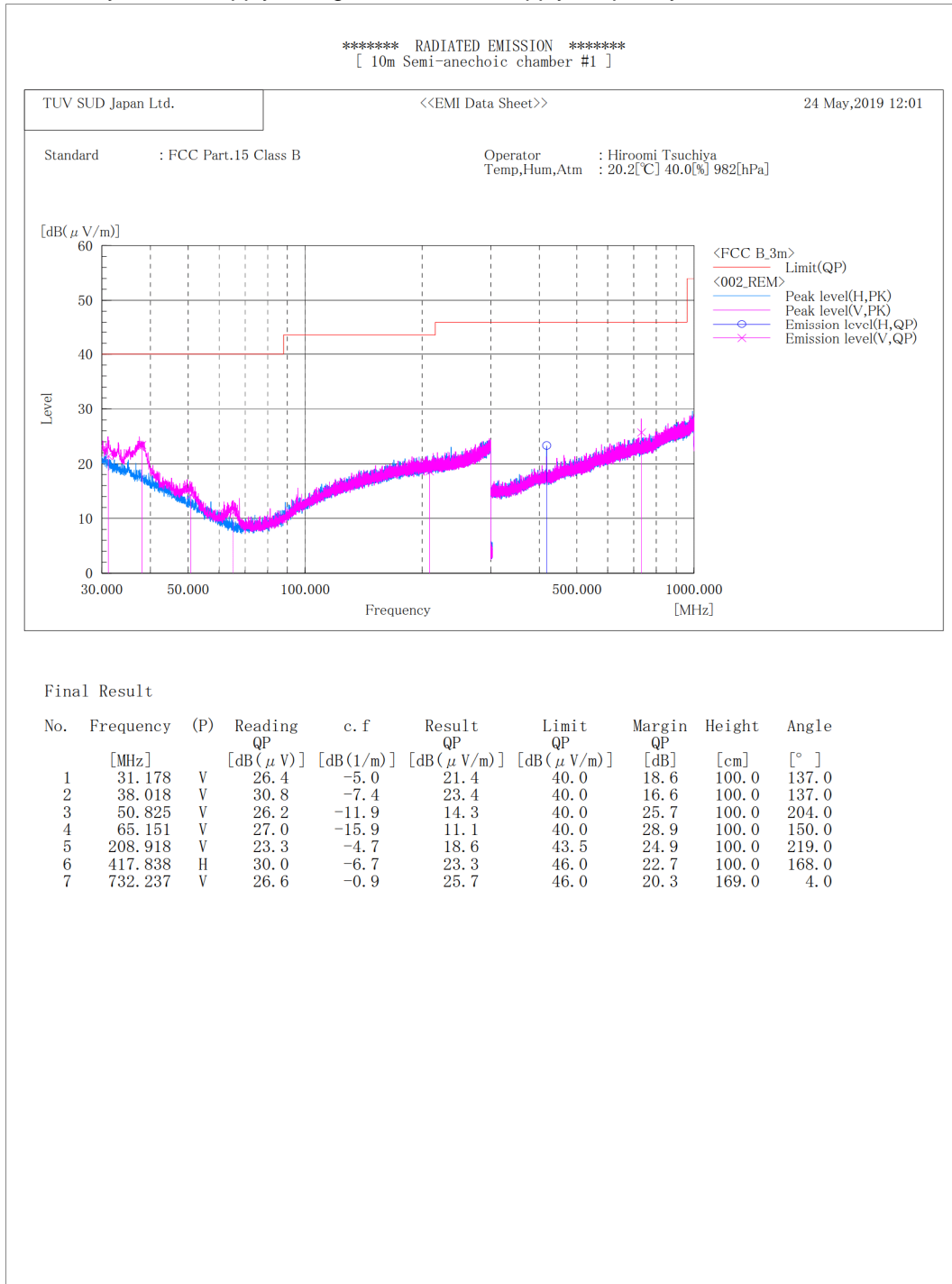
Date of test: 24-May-2019 Supply voltage: AC 120 V Supply frequency: 60 Hz





Operation mode	Out Camera/ with ADP mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

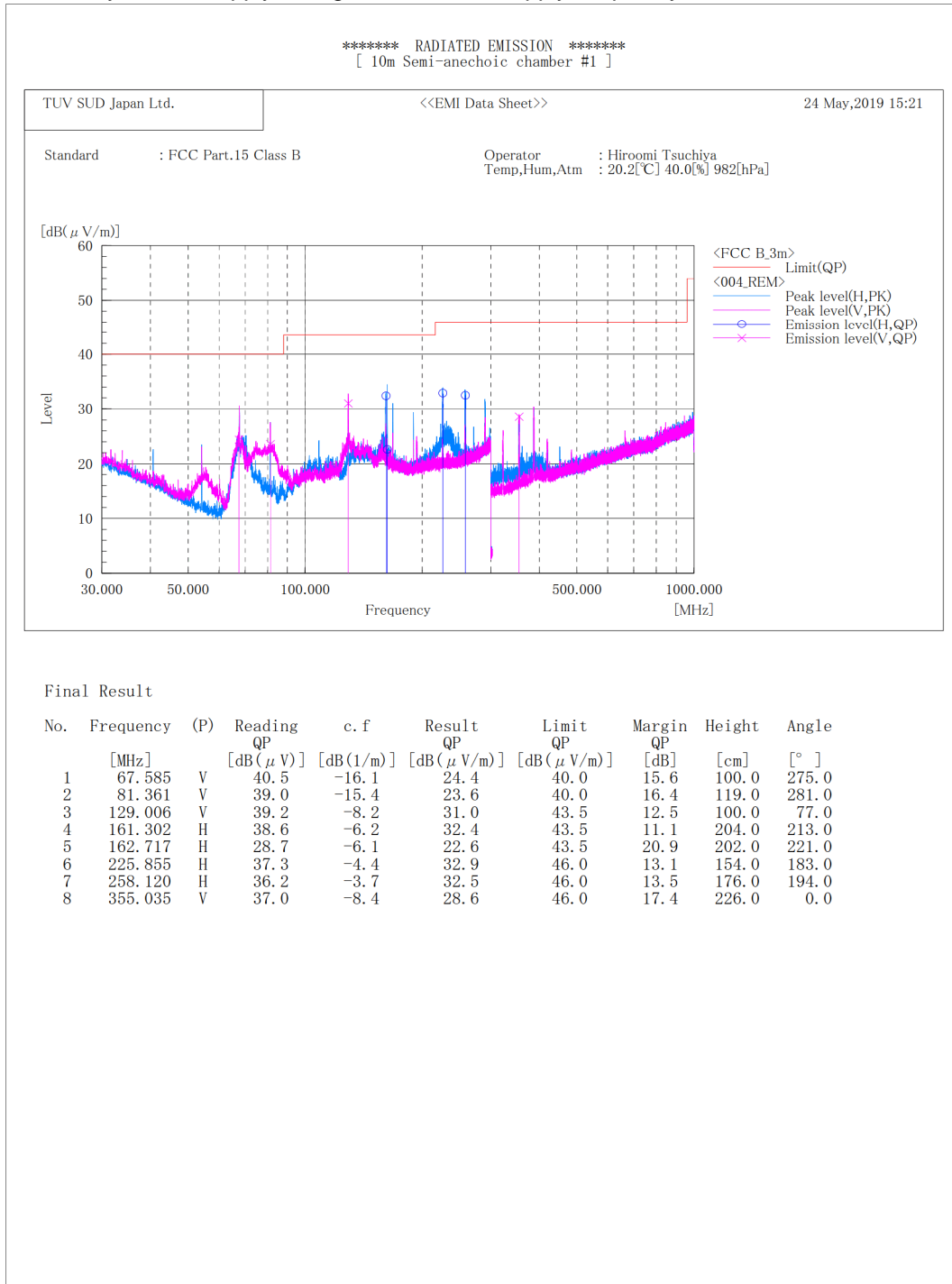
Date of test: 24-May-2019 Supply voltage: AC 120 V Supply frequency: 60 Hz





Operation mode	USB Read/ with PC mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

Date of test: 24-May-2019 Supply voltage: AC 120 V Supply frequency: 60 Hz

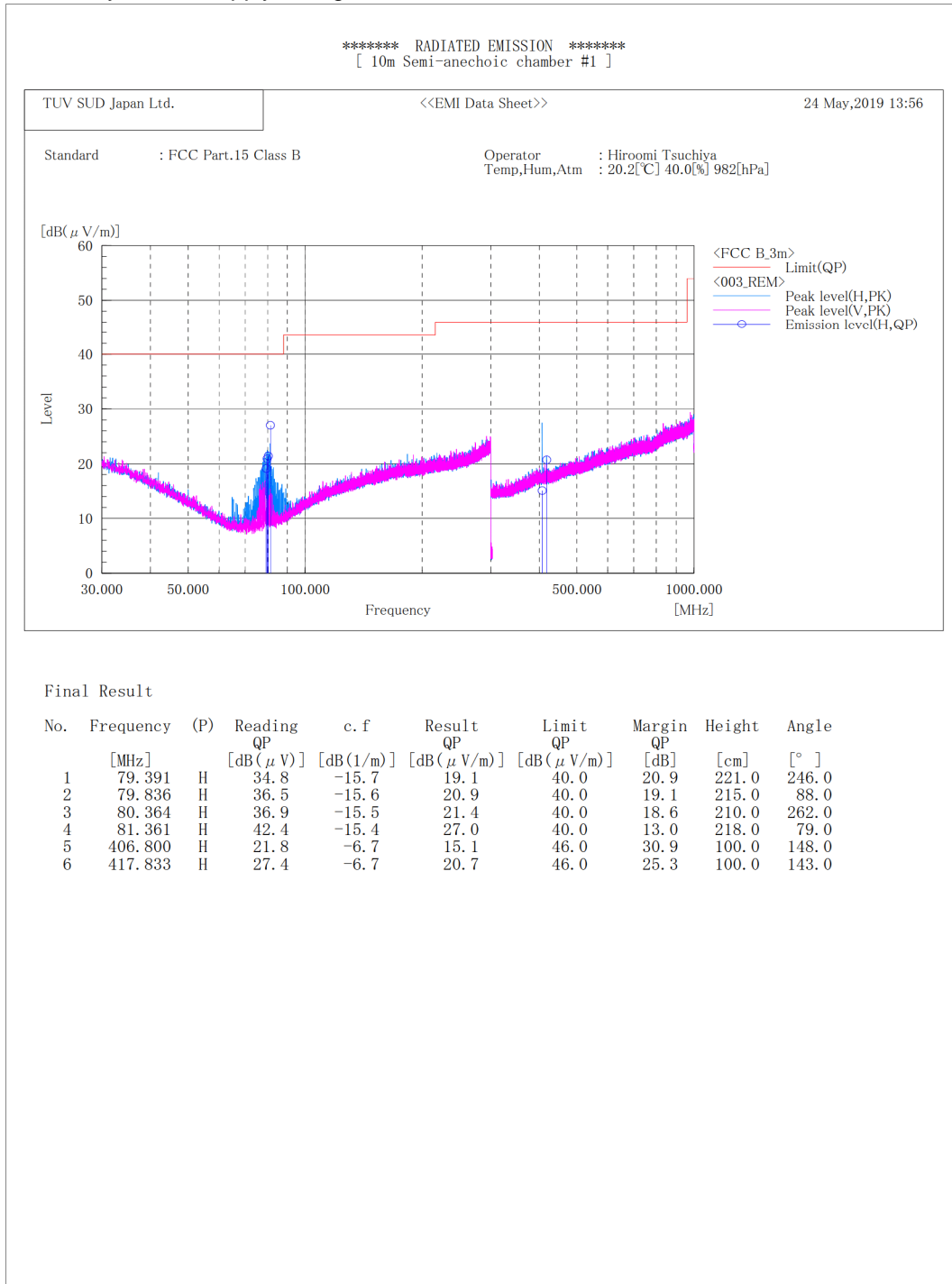




Japan

Operation mode	MP4/ with Earphone mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

Date of test: 24-May-2019 Supply voltage: DC 3.8 V



### 4.3 Radiated emission (above 1 GHz)

#### 4.3.1 Measurement condition

Frequency range	1.0 GHz-7.0 GHz
Test place	10 m Semi-Anechoic Chamber No. 1
EUT was placed on	Styrene foam table (W) 2.0 x (D) 1.0 x (H) 0.8 m
Axis	0°-360°
Antenna	Distance: 3.98 m, 4.02 m, 3.83 m Height: 1-4 m Polarity: Horizontal/Vertical
Test receiver setting	Detector: Peak, Average Bandwidth: 1 MHz

EUT is placed on a styrene form table for table-top equipment or on insulation material for a floor-standing equipment. The styrene form table or the insulation material is placed on a rotating turn table.

Excess cables between equipment are bundled in the center. The length of bundling is 0.3-0.4 m.

Absorbers are placed between the EUT and an antenna.

The antenna is adjusted between 1-4 m in height and varied its polarization (horizontal and vertical), and the EUT azimuth is varied by the rotating turntable 0 to 360 degrees. Where height of the antenna is changed, its angle is also adjusted to the position of the EUT.

After overall frequency range is investigated with spectrum analyzer using peak detector, measurements are performed with test receiver in setting to the defined values.

The antenna is positioned from the test volume that was predetermined by the site VSWR measurement. Since this predetermined test volume is different from maximum circumference where the EUT and the peripheral devices are actually placed, the measurement distance conversion factor is added to the measurement data.

Antenna 3 dB beamwidth (antenna used: 3117)

Antenna: 3115

Frequency (GHz)	θ3 dB (°)	3 dB beamwidth w (m)
1.0	63	3.68
2.0	47	2.61
3.0	38	2.07
4.0	36	1.95
5.0	40	2.18
6.0	44	2.42

Antenna: 3117

Frequency (GHz)	θ3 dB (°)	3 dB beamwidth w (m)
1.0	82	5.22
2.0	60	3.46
3.0	76	4.69
4.0	56	3.19
5.0	54	3.06
6.0	50	2.80

Measurement distance:  $d = 3.0$  m

$W = 2 \times d \times \tan(0.5 \times \theta_{3 \text{ dB}})$



#### 4.3.2 Calculation method

Emission level = Reading + Measurement distance conversion factor + c.f. (correction factor)\*

Margin = Limit - Emission level

\*Note: c.f. = Antenna factor + Cable system loss + Attenuator loss - Amplifier Gain

Example)

Limit @ 1100.0 MHz: 70.0 dB $\mu$ V/m (Peak)  
50.0 dB $\mu$ V/m (Average)

Measurement distance: 3.25 m

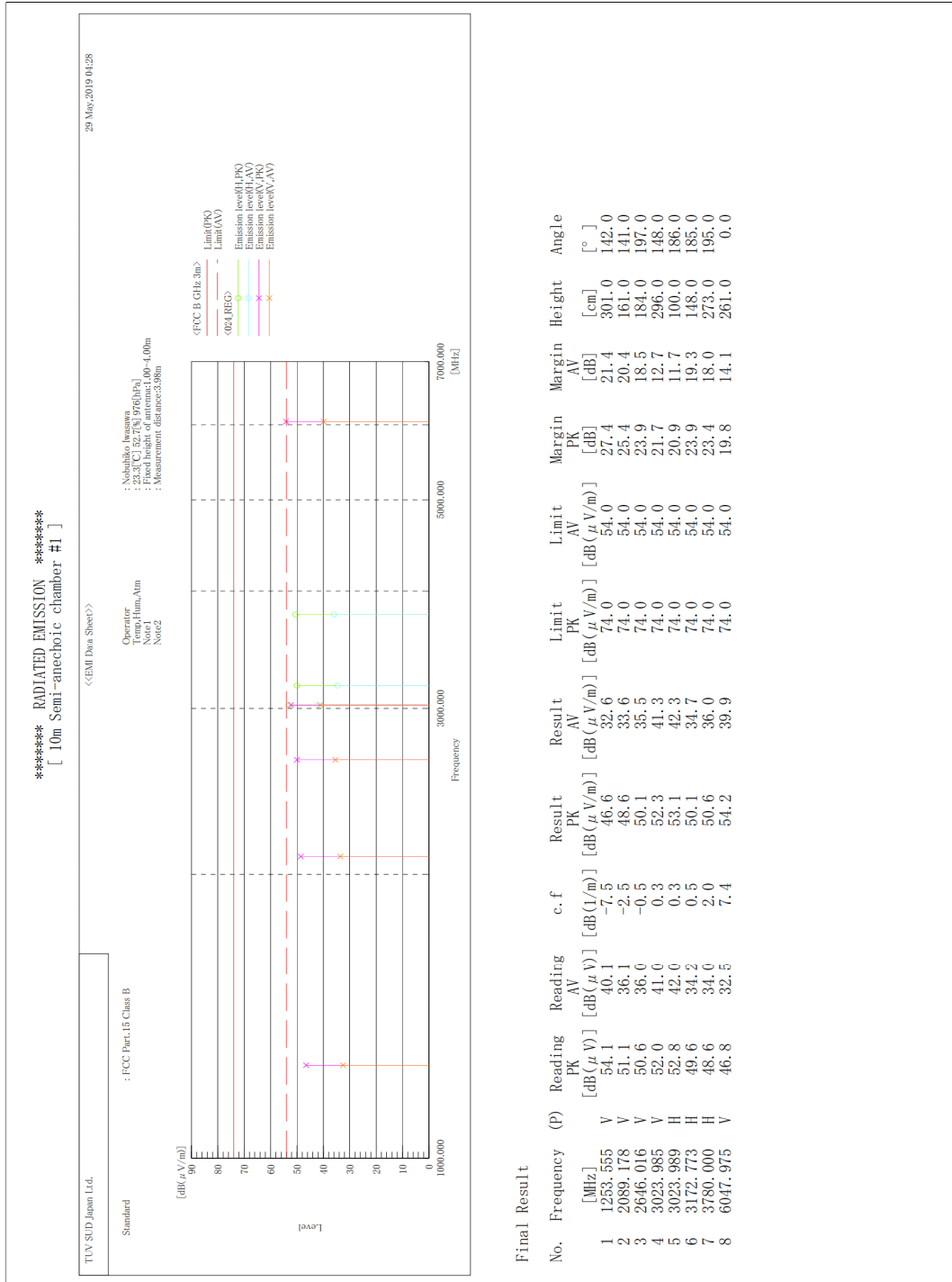
Measurement distance conversion factor:  $20 \log (3.25\text{m}/3.0\text{m}) = 0.7 \text{ dB}$

Peak	Reading = 50.2 dB $\mu$ V, Measurement distance conversion factor = 0.7 dB, c.f. = 1.7 dB/m Emission level = $50.2 + 0.7 + 1.7 = 52.6 \text{ dB}\mu\text{V/m}$ Margin = $70.0 - 52.6 = 17.4 \text{ dB}$
Average	Reading = 32.0 dB $\mu$ V, Measurement distance conversion factor = 0.7 dB, c.f. = 1.7 dB/m Emission level = $32.0 + 0.7 + 1.7 = 34.4 \text{ dB}\mu\text{V/m}$ Margin = $50.0 - 34.4 = 15.6 \text{ dB}$

### 4.3.3 Test data

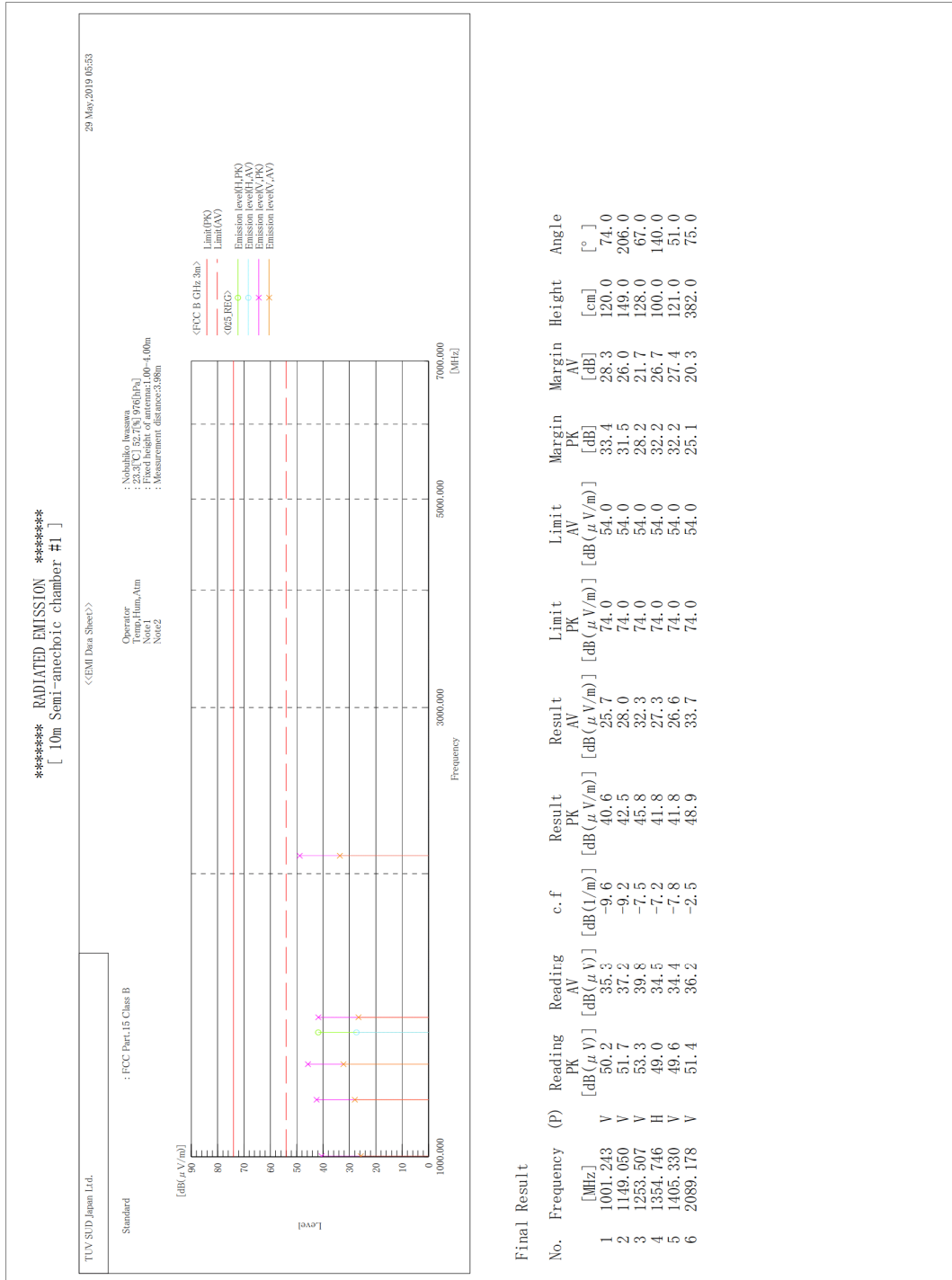
Operation mode	In Camera/ with ADP mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

Date of test: 29-May-2019 Supply voltage: AC 120 V Supply frequency: 60 Hz



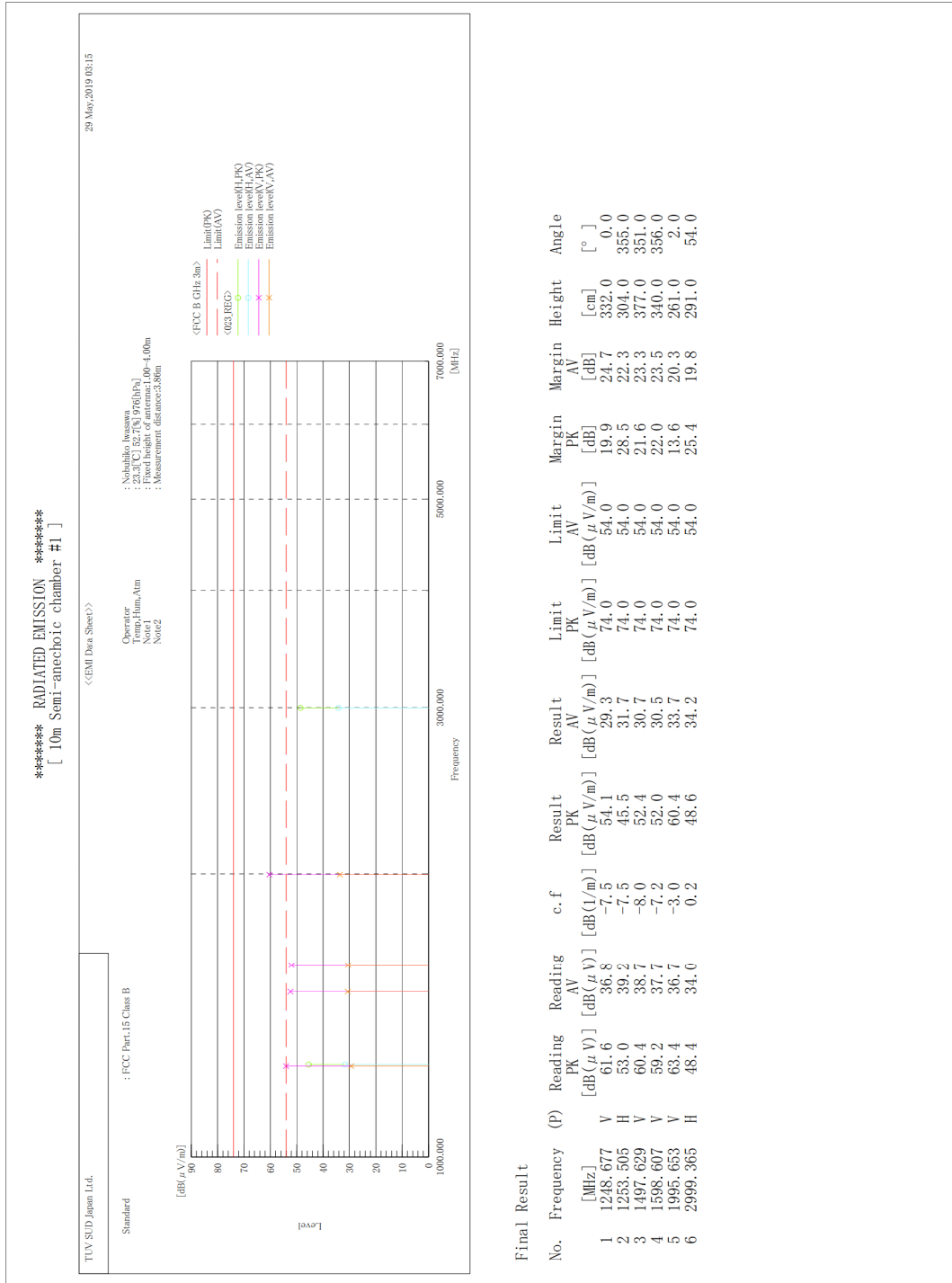
Operation mode	Out Camera/ with ADP mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

Date of test: 29-May-2019 Supply voltage: AC 120 V Supply frequency: 60 Hz



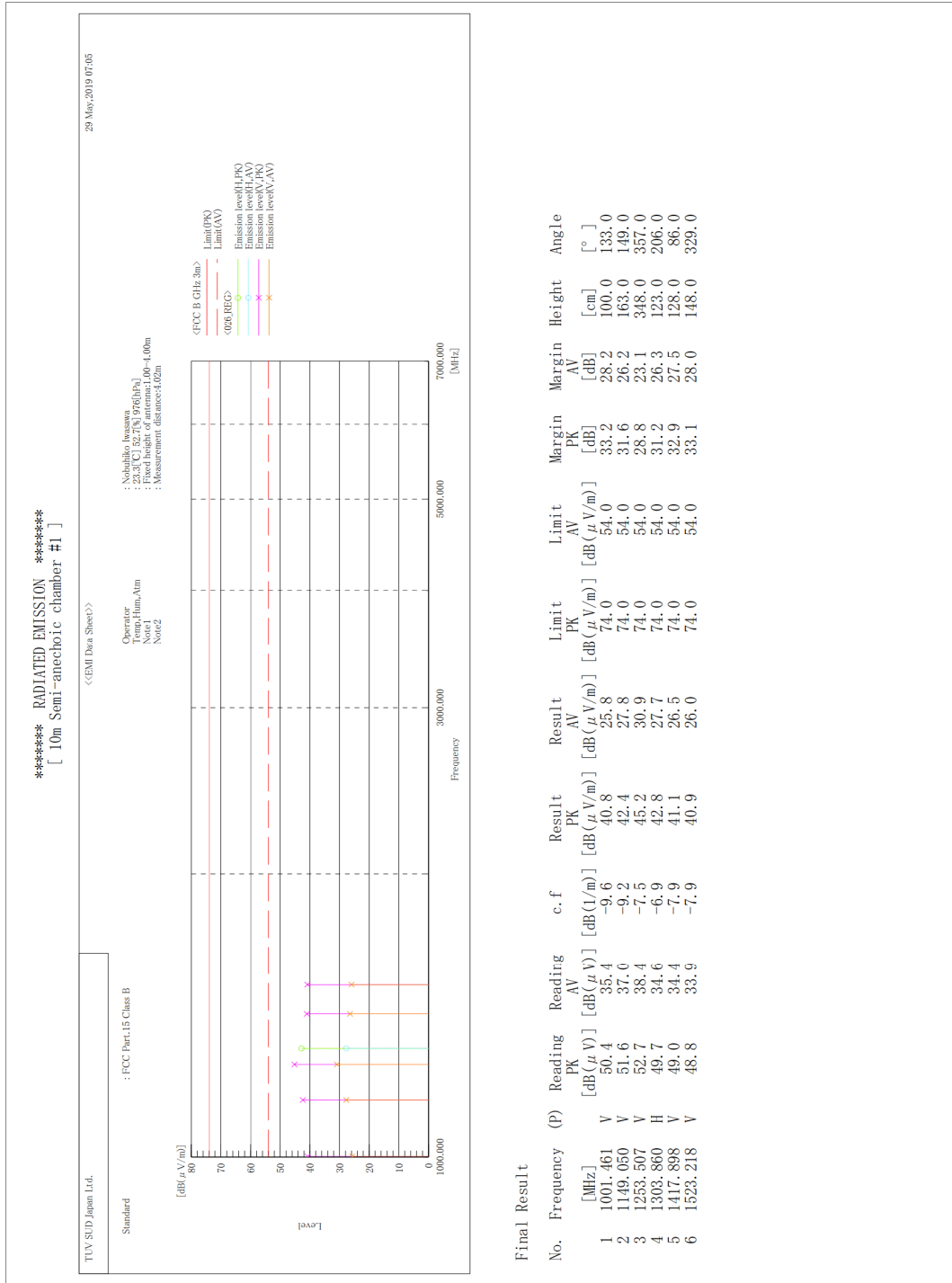
Operation mode	USB Read/ with PC mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

Date of test: 29-May-2019 Supply voltage: AC 120 V Supply frequency: 60 Hz



Operation mode	MP4/ with Earphone mode
EUT	KB46, S/N: 356297100030891 - Modification State 0

Date of test: 29-May-2019 Supply voltage: DC 3.8 V



## 5 Measurement Uncertainty

The reported measurement uncertainty is based on a value obtained by multiplying standard uncertainty by coverage factor of  $k=2$ , and a level of confidence becomes 95 %.

Item	Parameter	$U_{lab}$	$U_{cispr}$
Conducted Emission, AMN	9kHz to 150kHz	$\pm 3.8$ dB	$\pm 3.8$ dB
Conducted Emission, AMN	150kHz to 30MHz	$\pm 3.3$ dB	$\pm 3.4$ dB
Conducted Emission, Voltage Probe	9kHz to 30MHz	$\pm 2.8$ dB	$\pm 2.9$ dB
Conducted Emission, AAN	150kHz to 30MHz	$\pm 4.9$ dB	$\pm 5.0$ dB
Conducted Emission, Current Probe	150kHz to 30MHz	$\pm 2.9$ dB	$\pm 2.9$ dB
Disturbance Power	30MHz to 300MHz	$\pm 4.2$ dB	$\pm 4.5$ dB
Radiated Emission	30MHz to 1000MHz	$\pm 4.9$ dB	$\pm 6.3$ dB
Radiated Emission	1GHz to 6GHz	$\pm 4.8$ dB	$\pm 5.2$ dB
Radiated Emission	6GHz to 18GHz	$\pm 5.1$ dB	$\pm 5.5$ dB
Radiated Emission	9kHz to 30MHz	$\pm 3.1$ dB	-



## 6 Laboratory Information

Testing was performed and the report was issued at:

### **TÜV SÜD Japan Ltd. Yonezawa Testing Center**

Address: 5-4149-7 Hachimanpara, Yonezawa-shi, Yamagata, 992-1128 Japan

Phone: +81-238-28-2881

Fax: +81-238-28-2888

### **Accreditation and Registration**

NVLAP

LAB CODE: 200306-0

VLAC

Accreditation No.: VLAC-013

BSMI

Laboratory Code: SL2-IN-E-6018, SL2-A1-E-6018

Innovation, Science and Economic Development Canada

Site number	Facility	Expiration date
4224A-4	3 m Semi-anechoic chamber	27-November-2020
4224A-5	10 m Semi-anechoic chamber No. 1	27-November-2020
4224A-6	10 m Semi-anechoic chamber No. 2	14-December-2019

VCCI Council

Registration number	Expiration date
A-0166	03-July-2021

## Appendix A. Test Equipment

### Conducted emission at mains port

Equipment	Company	Model No.	Serial No.	Cal. due	Cal. Date
EMI receiver	ROHDE&SCHWARZ	ESR7	101742	31-Jan-2020	25-Jan-2019
Line impedance stabilization network for EUT	Kyoritsu Technology Corporation	TNW-407F2	12-17-110-2	31-May-2020	16-May-2019
Attenuator	HUBER+SUHNER	6810.01.A	N/A(S442)	31-Dec-2019	17-Dec-2018
Coaxial cable	FUJIKURA	5D-2W/4m	N/A(S349)	31-Oct-2019	10-Oct-2018
Microwave cable	HUBER+SUHNER	SUCOFLEX104/2m	317672/4	31-Oct-2019	10-Oct-2018
Coaxial cable	HUBER+SUHNER	RG214/U/25m	N/A(S191)	31-Oct-2019	12-Oct-2018
PC	HP	dc7800small	JPA7450FPJ	N/A	N/A
Software	TOYO Corporation	EP5/CE-AJ	0611193/V5.4.11	N/A	N/A

### Radiated emission (below 1 GHz)

Equipment	Company	Model No.	Serial No.	Cal. due	Cal. date
EMI receiver	ROHDE&SCHWARZ	ESR7	101742	31-Jan-2020	25-Jan-2019
Biconical antenna	Schwarzbeck	VHA9103/BBA9106	VHA91032850	31-Oct-2019	17-Oct-2018
Log periodic antenna	Schwarzbeck	UHALP9108A	0992	31-Jul-2019	23-Jul-2018
Attenuator	TDC	TAT-43B-06	N/A(S209)	31-Jul-2019	11-Jul-2018
Attenuator	TAMAGAWA.ELEC	CFA-01NPJ-3	N/A(S270)	31-May-2020	17-May-2019
Microwave cable	HUBER+SUHNER	SUCOFLEX104/9m	MY23758/4	31-Oct-2019	10-Oct-2018
Microwave cable	HUBER+SUHNER	SUCOFLEX104/1m	MY24628/4	31-Oct-2019	10-Oct-2018
Microwave cable	HUBER+SUHNER	SUCOFLEX104/2m	SN MY28398/4	31-Oct-2019	10-Oct-2018
Microwave cable	HUBER+SUHNER	SUCOFLEX106/13m	MY1159/6	31-Oct-2019	12-Oct-2018
Preamplifier	ANRITSU	MH648A	M96057	31-Jan-2020	17-Jan-2019
10m Semi-anechoic Chamber	TOKIN	N/A	N/A(9001-NSA3m)	31-Oct-2019	12-Oct-2018
PC	HP	dc7800small	JPA7450FPJ	N/A	N/A
Software	TOYO Corporation	EP5/RE-AJ	0611193/V5.6.0	N/A	N/A

### Radiated emission (above 1 GHz)

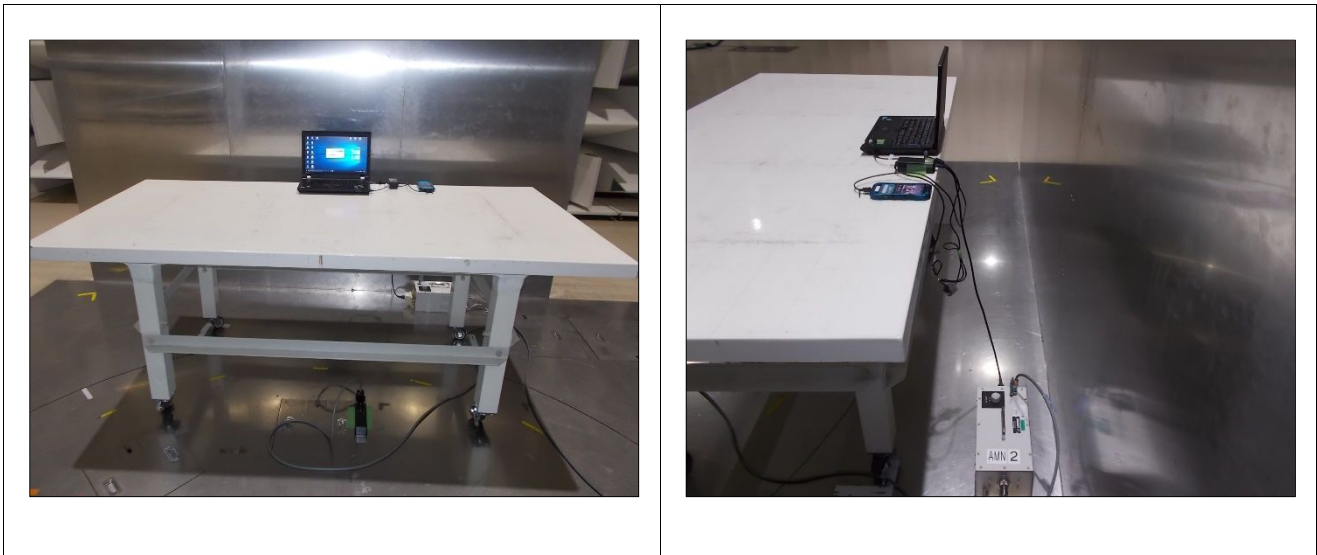
Equipment	Company	Model No.	Serial No.	Cal. due	Cal. date
EMI receiver	ROHDE&SCHWARZ	ESR7	101742	31-Jan-2020	25-Jan-2019
Preamplifier	TSJ	MLA-0118-J02-40	14882	31-Oct-2019	10-Oct-2018
Double ridged guide antenna	ETS LINDGREN	3117	00209352	30-Nov-2019	06-Nov-2018
Attenuator	Agilent Technologies	8491B	MY39268632	31-May-2020	17-May-2019
Microwave cable	HUBER+SUHNER	SUCOFLEX104/9m	800693/4	31-May-2019	18-May-2018
Microwave cable	HUBER+SUHNER	SUCOFLEX104/1.5m	SN MY19304/4	31-Oct-2019	10-Oct-2018
Microwave cable	HUBER+SUHNER	SUCOFLEX104/2m	SN MY28398/4	31-Oct-2019	10-Oct-2018
Microwave cable	HUBER+SUHNER	SUCOFLEX106/13m	MY1159/6	31-Oct-2019	12-Oct-2018
Absorber	RIKEN	PFP30	N/A	N/A	N/A
10m Semi-anechoic Chamber	TOKIN	N/A	N/A(9001-SVSWR)	31-Oct-2019	13-Oct-2018
PC	HP	dc7800small	JPA7450FPJ	N/A	N/A
Software	TOYO Corporation	EP5/RE-AJ	0611193/V5.6.0	N/A	N/A



## Appendix B. Configuration Photographs

### Conducted emission at mains port

Conducted emission at mains port	USB Read/ with PC mode
The photographs show maximized emission configuration.	



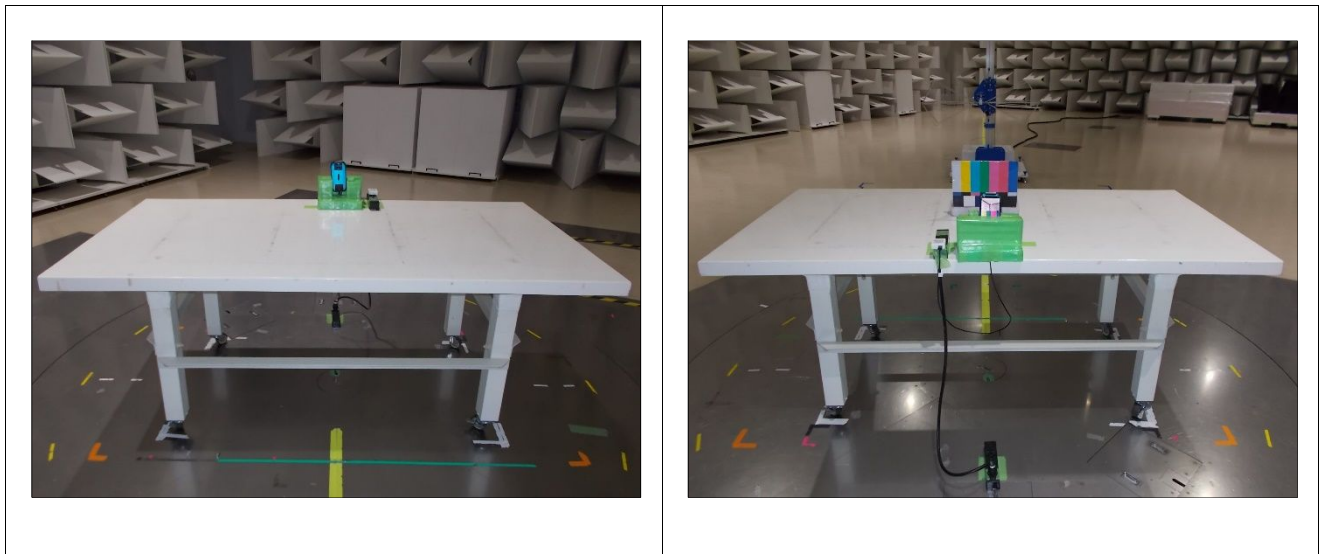
### Radiated emission (below 1 GHz)

Radiated emission (below 1 GHz)	In Camera/ with ADP mode
The photographs show maximized emission configuration.	



**Radiated emission (below 1 GHz)**

Radiated emission (below 1 GHz)	Out Camera/ with ADP mode
The photographs show maximized emission configuration.	



**Radiated emission (below 1 GHz)**

Radiated emission (below 1 GHz)	USB Read/ with PC mode
The photographs show maximized emission configuration.	



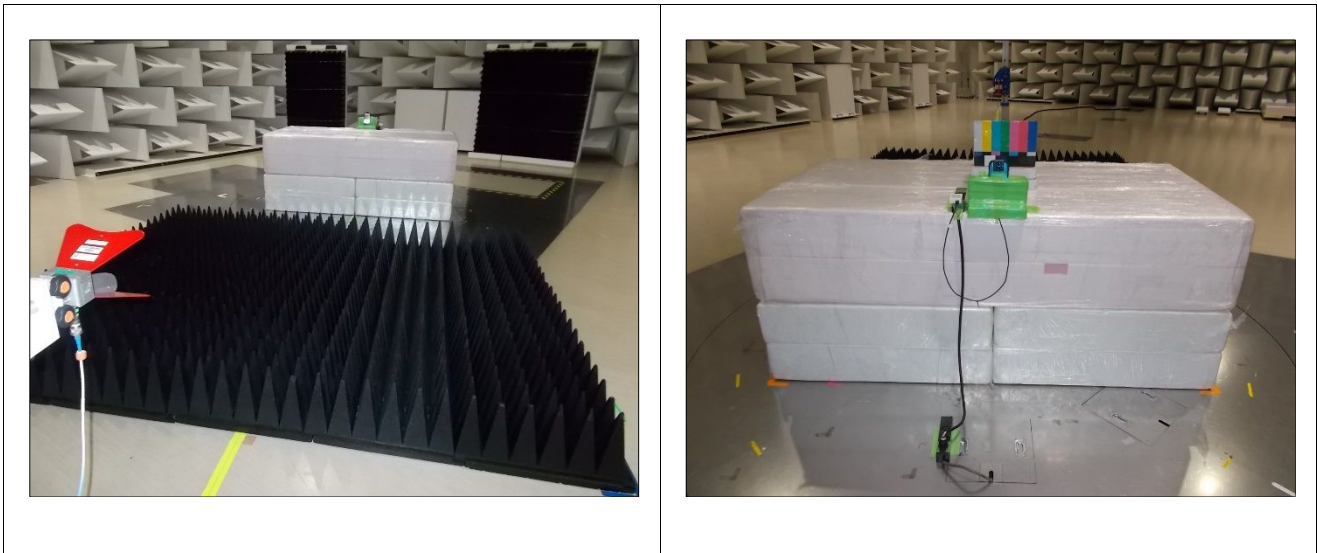
**Radiated emission (below 1 GHz)**

Radiated emission (below 1 GHz)	MP4/ with Earphone mode
The photographs show maximized emission configuration.	



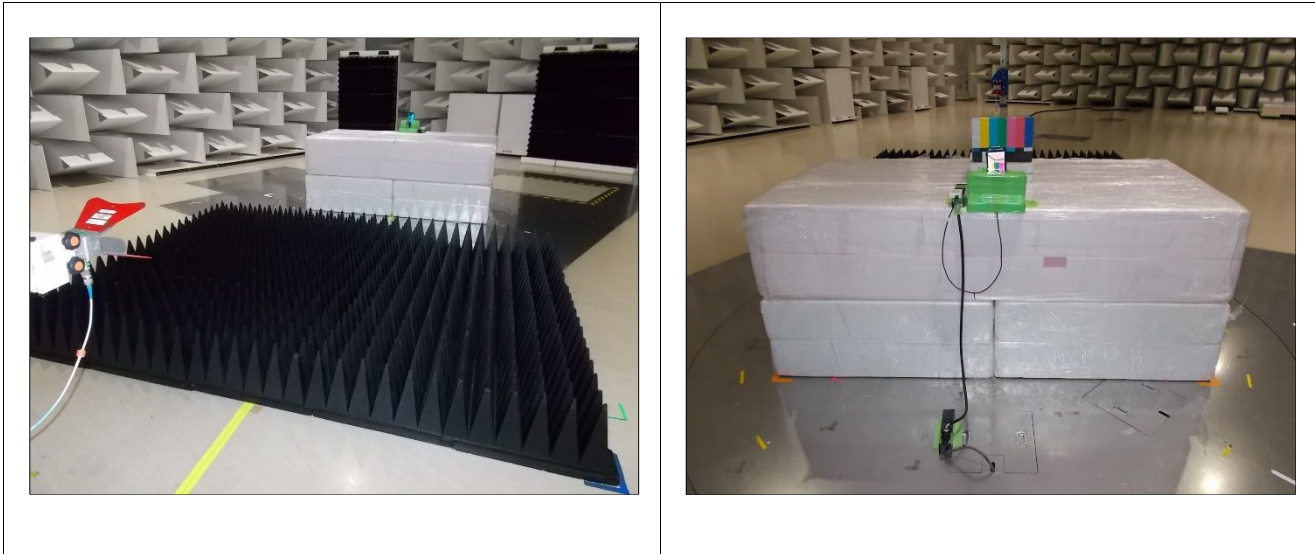
**Radiated emission (above 1 GHz)**

Radiated emission (above 1 GHz)	In Camera/ with ADP mode
The photographs show maximized emission configuration.	



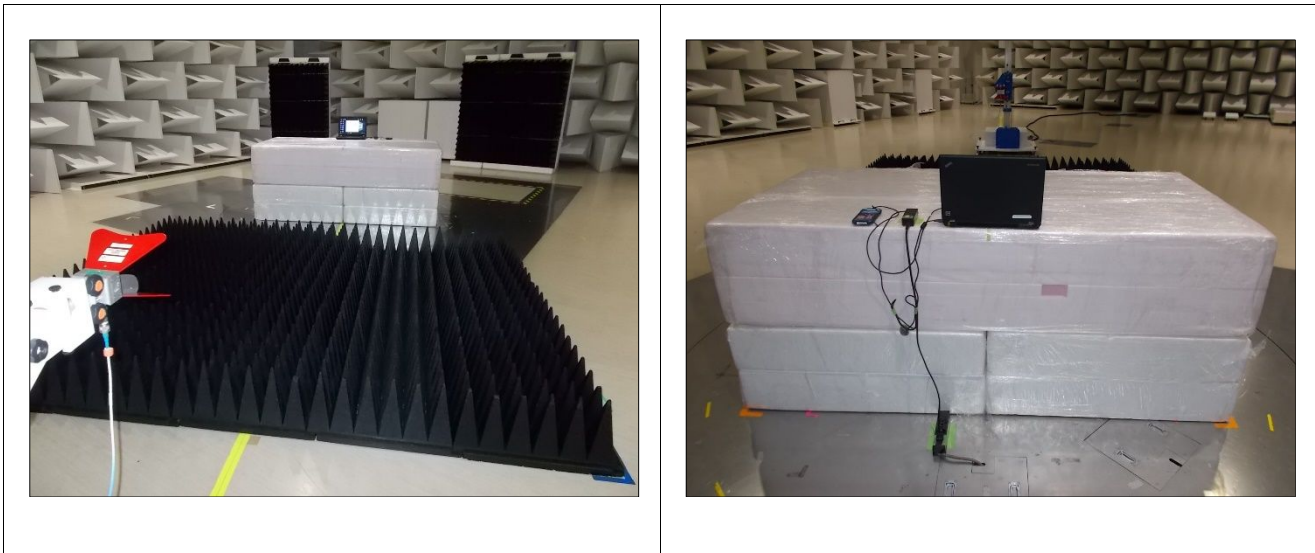
**Radiated emission (above 1 GHz)**

Radiated emission (above 1 GHz)	Out Camera/ with ADP mode
The photographs show maximized emission configuration.	



**Radiated emission (above 1 GHz)**

Radiated emission (above 1 GHz)	USB Read/ with PC mode
The photographs show maximized emission configuration.	



**Radiated emission (above 1 GHz)**

Radiated emission (above 1 GHz)	MP4/ with Earphone mode
The photographs show maximized emission configuration.	

