

TEST REPORT

For

144/430MHz DIGITAL/ANALOG TRANSCEVER

In conformity with

FCC CFR 47 Part15 Subpart B (CSR)

Model : FT5DR**FCC ID** : K6620825X22**Test Item** : 144/430MHz DIGITAL/ANALOG TRANSCEVER**Report No.** : WE250225BG1-11**Issue Date** : 26 May 2025**Prepared for**

YAESU MUSEN CO., LTD.

Omori Bellport D building 3F, 6-26-3 Minamioi, Shinagawa-ku,
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History

Report No.	Date	Revisions	Issued By
WE250225BG1-11	26 May 2025	Initial Issue	A.Tamura

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1 General information

1.1 Product description from supplier

Test item	: 144/430MHz DIGITAL/ANALOG TRANSCEIVER
Manufacturer	: YAESU MUSEN CO., LTD.
Address	: Omori Bellport D building 3F, 6-26-3 Minamioi, Shinagawa-ku, Tokyo 140-0013 Japan
Model	: FT5DR
FCC ID	: K6620825X22
Serial number	: 2
Hardware version	: N/A
Software version	: N/A
Operating frequency range	: 0.52 – 985 MHz
Highest internal operating Freq.	: 941.94 MHz
Receipt date of EUT	: 02 May 2025
Nominal power source voltages	: DC 7.4 V (Battery)

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1.2 Test(s) performed/ Summary of test result

Test specification(s)	: FCC CFR 47 Part 15 Subpart B
Test method(s)	: ANSI C63.4: 2014
Test(s) started	: 13 May 2025
Test(s) completed	: 14 May 2025
Purpose of test(s)	: Certification as the scanning receiver
Summary of test result	: <u>Complied</u>

Note: The above judgment is only based on the measurement data, and it does not include the measurement uncertainty. Accordingly, the statement below is applied to the test result.

The EUT complies with the limit required in the standard in case that the margin is not less than the measurement uncertainty in the Laboratory.

Compliance of the EUT is more probable than non-compliance in case that the margin is less than the measurement uncertainty in the Laboratory.

Test engineer

: A. Tamura

A. Tamura
C&P Connectivity Wireless RF Lab

Reviewer

: T. Takei

T. Takei
Manager, C&P Connectivity Wireless

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1.3 Test facility

[Kitayamata laboratory]

Address: 3-5-23, Kitayamata, Tsuzuki-ku, Yokohama, 224-0021, Japan

TEL: +81-50-1780-7880

FAX: +81-45-592-7506

The description of the test facilities has been filed under registration number JP5227 at the Office of the Federal Communications Commission. The facility has been added to the list of laboratories performing these test services for the public on a fee basis.

Accredited by American Association for Laboratory Accreditation (A2LA) for the emission tests stated in the scope of the certificate under Certificate Number 7080.01

Registered by Innovation, Science and Economic Development Canada (ISED):
The registered CAB identifier is JP0009.

Accredited by The Japan Accreditation Board for Conformity Assessment (JAB) for EMC/RF tests stated in the scope of the certificate under Certificate Number RTL02770

Registered by Voluntary Control Council for Interference by Information Technology Equipment (VCCI)
Each registered facility number is as follows;
Test site A-0212.

This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the U.S. Government.



1.4 Measurement uncertainty

The treatment of uncertainty is based on the general matters on the definition of uncertainty in "Guide to the expression of uncertainty in measurement (GUM)" published by ISO. The Lab's uncertainty is determined by referring ETSI TR 100 028-1 V1.4.1.

The uncertainty of the measurement result in the level of confidence of approximately 95% (k=2) is as follows;

AC conducted emission (150 kHz - 30 MHz)	: ± 3.3 dB
RF conducted emission (30 MHz - 6 GHz)	: ± 1.3 dB
Radiated emission (30 MHz - 1000 MHz)	: ± 5.0 dB
Radiated emission (1 GHz - 6 GHz)	: ± 4.2 dB

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1.5 Summary of test results

Requirement	Section in specification	Result	Section in this report
Radiated emissions (30 to 5000 MHz) (*1)	15.109	Complied	2.1
Conducted emission for receiver	15.111	Complied	2.2
AC power line conducted emissions	15.107	N/A (*2)	2.3
38 dB Rejection (cellular band)	15.121 (b)	N/A (*3)	-

(*1) The highest internal operating frequency is 941.94 MHz.

(*2) The EUT is powered by battery.

(*3) This item was not tested in this report.

1.6 Setup of equipment under test (EUT)

1.6.1 Test configuration of EUT

Equipment(s) under test

No.	Item	Model No.	Manufacture	Serial No.
1	144/430MHz DIGITAL/ANALOG TRANSCEIVER	FT5DR	YAESU MUSEN CO., LTD.	2
-	-	-	-	-

Support Equipment(s)

No.	Item	Model No.	Manufacture	Serial No.
2	Li-ion Battery Pack	SBR-14LI	YAESU MUSEN CO., LTD.	-
3	Handphone	SSM-17A	YAESU MUSEN CO., LTD.	-
-	-	-	-	-

Connected cable(s)

No.	Item	From	To	Length [m]	Cable Shielded	Ferrite Core
A	Mic cable	1	3	0.5	No	No
-	-	-	-	-	-	-

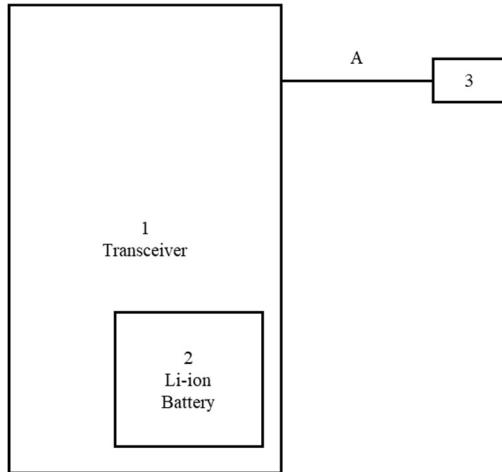
1.6.2 Operating condition:

- Rx 0.520 MHz
- Rx 499.975 MHz
- Rx 985.000 MHz

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1.6.3 Setup diagram of tested system



1.7 Equipment modifications

No modifications have been made to the equipment in order to achieve compliance with the applicable standards described in clause 1.2.

1.8 Deviation from the standard

No deviations from the standards described in clause 1.2.

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2 Test procedure and test data

2.1 Radiated emissions

Test setup

Test setup was implemented according to the method of ANSI C63.4 clause 6 “General requirements for EUT equipment arrangements and operation”, clause 8.2 and Annex H.3 “Radiated emission measurements setup”.

Test procedure

Measurement procedures were implemented according to the method of ANSI C63.4 clauses 8.2.

The EUT is place on a non-conducted table which is 0.8 m height from a ground plane and the measurement antenna to EUT distance is 3 meters. The turn table is rotated for 360 degrees to determine the maximum emission level.

The antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

The spectrum analyzer and receiver are set to the followings;

RBW=100 kHz (up to 1000 MHz) or 1 MHz (above 1000 MHz),

VBW= 300 kHz (up to 1000 MHz) or 3 MHz (above 1000 MHz)

Final measurement is carried out with a receiver RBW of 120 kHz (up to 1000 MHz), or 1 MHz (above 1000 MHz).

Applicable rule and limitation

FCC 15.109 Radiated emissions limits

Frequency [MHz]	Field Strength [μ V/m]	Measurement Distance [m]	Field Strength [dB μ V/m]
30 – 88	100	3	40.0
88 – 216	150	3	43.5
216 – 960	200	3	46.0
Above 960	500	3	53.9

In the emission table above, the tighter limit applies at the band edges.

The emission limits shown in the above table are based on measurements employing a QP detector (up to 1000 MHz) or AVE/PEAK detector (above 1000 MHz).

Test results - Complied with requirement

Test equipment used (refer to List of utilized test equipment)

AC01 (EM)	AC01 (EG)	BA07	CL11	CL38	CL39	DH06
PR12	PR21	TR06	CL80	-	-	-

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Test software used

EMI1 Ver. 7.0

Calculation method

The Correction Factor and Result are calculated as followings.

$$\text{Correction Factor [dB/m]} = \text{Ant. Factor [dB/m]} + \text{Loss [dB]} - \text{Gain [dB]}$$

$$\text{Result [dB}\mu\text{V/m]} = \text{Reading [dB}\mu\text{V]} + \text{Correction Factor [dB/m]}$$

Test Data

Operating mode: Rx 0.520 MHz (X-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
1	974.880	27.3	21.2	12.9	28.5	32.9	53.9	21.0	Hori.
2	927.451	27.4	20.8	12.7	29.0	31.9	46.0	14.1	Vert.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	3660.134	44.8	32.9	-1.6	43.2	31.3	73.9	53.9	30.7	22.6	Hori.
2	3660.534	48.6	42.5	-1.6	47.0	40.9	73.9	53.9	26.9	13.0	Vert.

Operating mode: Rx 0.520 MHz (Y-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

All emission were under noise flower.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	3660.534	49.9	44.8	-1.6	48.3	43.2	73.9	53.9	25.6	10.7	Hori.
2	3660.134	45.6	33.3	-1.6	44.0	31.7	73.9	53.9	29.9	22.2	Vert.

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Operating mode: Rx 0.520 MHz (Z-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-

All emission were under noise flower.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	3660.134	45.0	33.2	-1.6	43.4	31.6	73.9	53.9	30.5	22.3	Hori.
2	3660.534	45.7	36.6	-1.6	44.1	35.0	73.9	53.9	29.8	18.9	Vert.

Operating mode: Rx 499.975 MHz (X-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
1	441.918	42.5	16.3	10.5	30.2	39.1	46.0	6.9	Hori.
2	883.806	32.1	20.8	12.5	29.4	36.0	46.0	10.0	Hori.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	1325.567	48.8	41.4	-9.1	39.7	32.3	73.9	53.9	34.2	21.6	Hori.
2	3093.391	54.6	51.3	-2.5	52.1	48.8	73.9	53.9	21.8	5.1	Hori.
3	2209.479	47.3	38.6	-6.0	41.3	32.6	73.9	53.9	32.6	21.3	Vert.
4	3093.391	56.3	53.9	-2.5	53.8	51.4	73.9	53.9	20.1	2.5	Vert.
5	3535.346	51.7	45.7	-1.4	50.3	44.3	73.9	53.9	23.6	9.6	Vert.
6	4860.814	47.1	39.9	2.3	49.4	42.2	73.9	53.9	24.5	11.7	Vert.

Operating mode: Rx 499.975 MHz (Y-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
1	441.821	43.5	16.3	10.5	30.2	40.1	46.0	5.9	Hori.
2	883.806	30.6	20.8	12.5	29.4	34.5	46.0	11.5	Hori.
3	441.918	36.1	16.3	10.5	30.2	32.7	46.0	13.3	Vert.
4	883.806	28.5	20.8	12.5	29.4	32.4	46.0	13.6	Vert.

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Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	1325.567	49.6	43.4	-9.1	40.5	34.3	73.9	53.9	33.4	19.6	Hori.
2	3093.391	55.8	53.1	-2.5	53.3	50.6	73.9	53.9	20.6	3.3	Hori.
3	3534.947	50.0	42.8	-1.4	48.6	41.4	73.9	53.9	25.3	12.5	Hori.
4	3976.902	49.6	44.7	-0.2	49.4	44.5	73.9	53.9	24.5	9.4	Hori.
5	2209.479	48.1	41.2	-6.0	42.1	35.2	73.9	53.9	31.8	18.7	Vert.
6	3093.391	54.3	50.0	-2.5	51.8	47.5	73.9	53.9	22.1	6.4	Vert.

Operating mode: Rx 499.975 MHz (Z-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
1	441.821	34.6	16.3	10.5	30.2	31.2	46.0	14.8	Hori.
2	883.806	28.1	20.8	12.5	29.4	32.0	46.0	14.0	Hori.
3	441.821	45.2	16.3	10.5	30.2	41.8	46.0	4.2	Vert.
4	883.806	28.4	20.8	12.5	29.4	32.3	46.0	13.7	Vert.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	3093.391	53.5	50.1	-2.5	51.0	47.6	73.9	53.9	22.9	6.3	Hori.
2	4861.214	48.4	42.8	2.3	50.7	45.1	73.9	53.9	23.2	8.8	Hori.
3	1325.567	50.8	46.2	-9.1	41.7	37.1	73.9	53.9	32.2	16.8	Vert.
4	2651.435	50.2	44.9	-3.7	46.5	41.2	73.9	53.9	27.4	12.7	Vert.
5	3092.991	55.3	51.9	-2.5	52.8	49.4	73.9	53.9	21.1	4.5	Vert.
6	3535.346	54.7	51.0	-1.4	53.3	49.6	73.9	53.9	20.6	4.3	Vert.
7	3976.902	52.2	48.2	-0.2	52.0	48.0	73.9	53.9	21.9	5.9	Vert.

Operating mode: Rx 985.000 MHz (X-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
1	926.869	36.4	20.8	12.7	29.0	40.9	46.0	5.1	Hori.
2	926.869	34.5	20.8	12.7	29.0	39.0	46.0	7.0	Vert.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK	Reading AVE	C.Factor [dB/m]	Result PK	Result AVE	Limit PK	Limit AVE	Margin PK	Margin AVE	Ant.

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		[dB μ V]	[dB μ V]		[dB μ V/m]	[dB μ V/m]	[dB μ V/m]	[dB μ V/m]	[dB]	[dB]	
1	2780.622	51.5	46.6	-3.6	47.9	43.0	73.9	53.9	26.0	10.9	Hori.
2	3707.729	46.5	38.4	-1.2	45.3	37.2	73.9	53.9	28.6	16.7	Hori.
3	2780.622	56.9	54.6	-3.6	53.3	51.0	73.9	53.9	20.6	2.9	Vert.
4	3707.729	54.8	52.5	-1.2	53.6	51.3	73.9	53.9	20.3	2.6	Vert.
5	4634.437	50.5	46.2	1.1	51.6	47.3	73.9	53.9	22.3	6.6	Vert.

Operating mode: Rx 985.000 MHz (Y-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
1	926.869	37.6	20.8	12.7	29.0	42.1	46.0	3.9	Hori.
2	926.869	37.1	20.8	12.7	29.0	41.6	46.0	4.4	Vert.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	1853.515	44.4	38.5	-8.3	36.1	30.2	73.9	53.9	37.8	23.7	Hori.
2	2780.622	57.8	55.8	-3.6	54.2	52.2	73.9	53.9	19.7	1.7	Hori.
3	3707.329	50.2	44.8	-1.2	49.0	43.6	73.9	53.9	24.9	10.3	Hori.
4	4634.437	43.4	35.7	1.1	44.5	36.8	73.9	53.9	29.4	17.1	Hori.
5	1853.915	50.1	45.0	-8.3	41.8	36.7	73.9	53.9	32.1	17.2	Vert.
6	2780.622	52.9	49.2	-3.6	49.3	45.6	73.9	53.9	24.6	8.3	Vert.

Operating mode: Rx 985.000 MHz (Z-plane)

Range: 30 - 1000 MHz

No.	Frequency [MHz]	Reading [dB μ V]	Factor [dB/m]	Loss [dB]	Gain [dB]	Result [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Ant.
1	926.869	36.6	20.8	12.7	29.0	41.1	46.0	4.9	Hori.
2	926.966	36.8	20.8	12.7	29.0	41.3	46.0	4.7	Vert.

Range: 1000 - 5000 MHz

No.	Frequency [MHz]	Reading PK [dB μ V]	Reading AVE [dB μ V]	C.Factor [dB/m]	Result PK [dB μ V/m]	Result AVE [dB μ V/m]	Limit PK [dB μ V/m]	Limit AVE [dB μ V/m]	Margin PK [dB]	Margin AVE [dB]	Ant.
1	1853.915	51.9	47.7	-8.3	43.6	39.4	73.9	53.9	30.3	14.5	Hori.
2	2780.622	52.9	48.8	-3.6	49.3	45.2	73.9	53.9	24.6	8.7	Hori.
3	3707.729	51.7	48.0	-1.2	50.5	46.8	73.9	53.9	23.4	7.1	Hori.
4	4634.437	51.0	47.1	1.1	52.1	48.2	73.9	53.9	21.8	5.7	Hori.
5	1853.515	49.6	42.4	-8.3	41.3	34.1	73.9	53.9	32.6	19.8	Vert.
6	2780.622	53.6	50.2	-3.6	50.0	46.6	73.9	53.9	23.9	7.3	Vert.

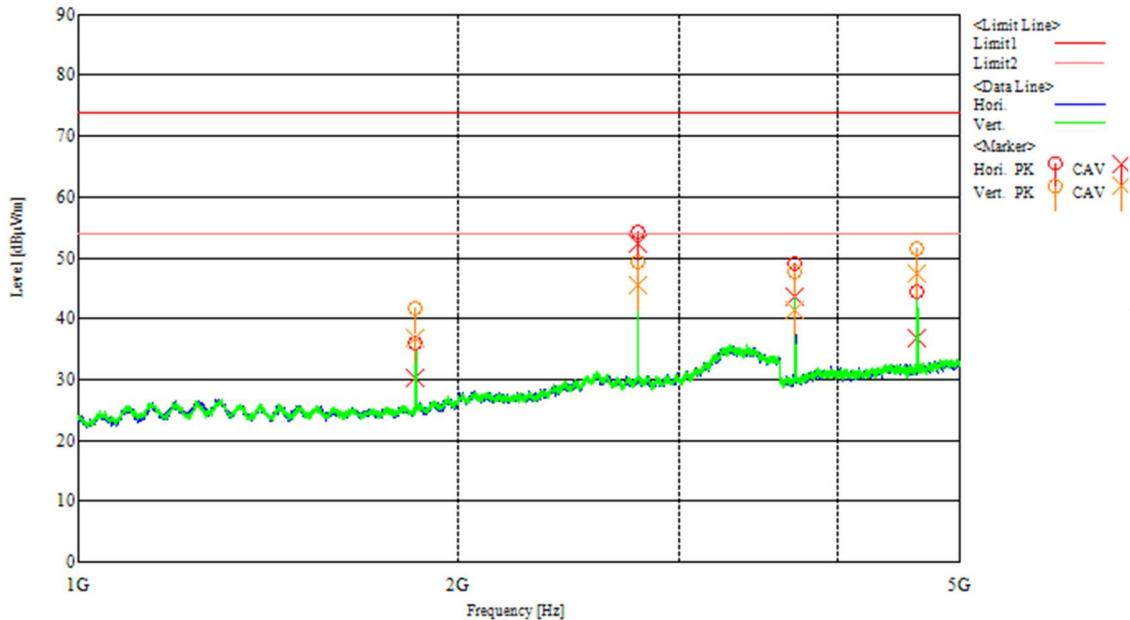
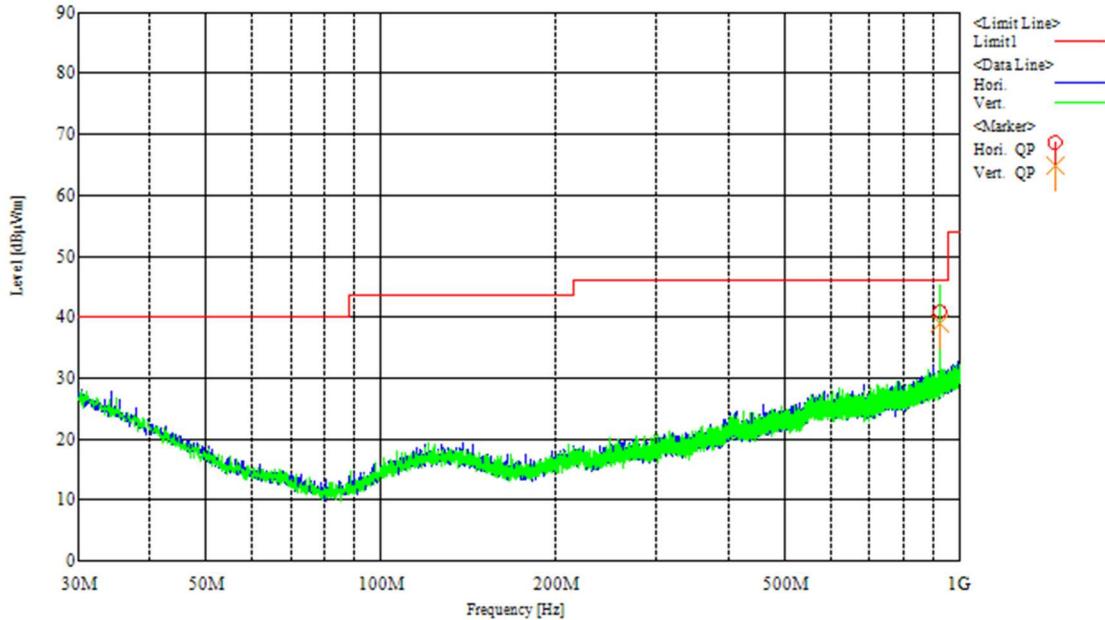
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7	3707.729	51.9	48.4	-1.2	50.7	47.2	73.9	53.9	23.2	6.7	Vert.
8	4634.437	51.6	48.1	1.1	52.7	49.2	73.9	53.9	21.2	4.7	Vert.

[Chart (Worst)]

Operating condition: Rx 985.000 MHz (Y-plane)



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[Test condition]

Tested Date: 13 May 2025
Humidity: 65 %

Temperature: 20 deg. C
Atmos. Press: 1015 hPa

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2.2 Conducted emissions for receiver

Test setup



Applicable rule and limitation

§15.111 (b) Antenna power conducted limit: 2 nW (= -57 dBm)

Test equipment used (refer to List of utilized test equipment)

CL31	TR06	-
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Test results - Complied with requirement

Test Data

[The maximum spurious level at antenna port]

Operating freq. [MHz]	Frequency range 30 - 1000 MHz		Frequency range 1000 - 5000 MHz	
	Freq. [MHz]	Level [dBm]	Freq. [MHz]	Level [dBm]
0.520	-	-	3353.600	-62.39
499.975	883.891	-67.03	3093.200	-59.17
985.000	926.959	-62.8	3708.000	-57.66

Note:” - “ emission have more than 20dB margin or under noise floor

[Test condition]

Tested Date: 14 May 2025
 Humidity: 51 %

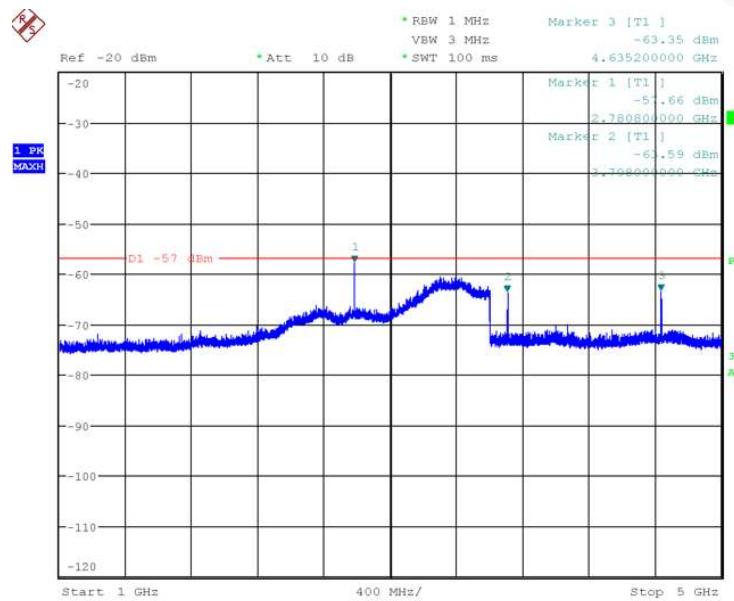
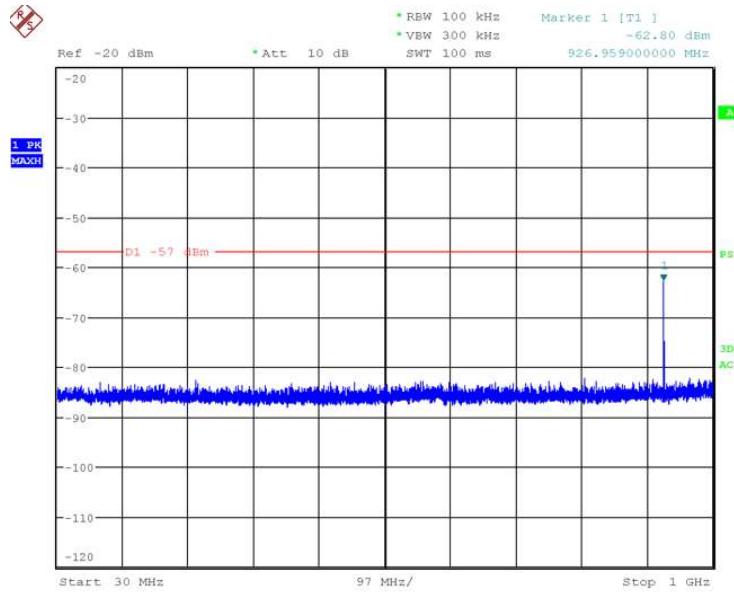
Temperature: 25 deg. C
 Atmos. Press: 1019 hPa

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[Chart]

Operating mode: Rx 985.000 MHz (Worst)



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2.3 AC power line conducted emissions

Test setup

Test setup was implemented according to the method of ANSI C63.4 clause 6 “General requirements for EUT equipment arrangements and operation” and Annex H.1 “AC power line conducted emission measurements setup”.

Test procedure

Measurement procedures were implemented according to the method of ANSI C63.4 clauses 7, clause 13.1.3 and Annex H.2 “AC power line conducted emission measurements”.

Exploratory measurements were used the spectrum analyzer to identify the frequency of the emission that has the highest amplitude relative to the limit by operating the EUT in a range of typical modes of operation, cable positions, and with a typical system equipment configuration and arrangement.

Final ac power line conducted emission measurements were performed based on the exploratory tests.

The EUT cable configuration and arrangement and mode of operation that produced the emission with the highest amplitude relative to the limit are selected for the final measurement.

When the measurement value is greater than average limitation the average detection measurements were performed.

Applicable rule and limitation

§15.107 (b) AC power line conducted limits

Frequency of Emission [MHz]	Conducted emissions Limit [dB μ V]	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50

* Decreases with the logarithm of the frequency. The lower limit applies at the band edges.

Test equipment used (refer to List of utilized test equipment)

-	-	-	-
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Test software used

EMI1 Ver. 7.0

Calculation method

The Correction Factor and Result are calculated as followings.

$$\begin{aligned} \text{Correction Factor [dB]} &= \text{ISN Factor [dB]} + \text{Loss [dB]} \\ \text{Result [dB}\mu\text{V]} &= \text{Reading [dB}\mu\text{V]} + \text{Correction Factor [dB]} \end{aligned}$$

Test results – Not Applicable

EUT operates on battery power.

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4 List of utilized test equipment / calibration

RFT ID No.	Kind of Equipment and Precision	Manufacturer	Model No.	Serial Number	Calibration Date	Calibrated until
AC01 (EM)	Anechoic Chamber (Y1 test room)	JSE	203397C	-	2024/11/24	2025/11/30
AC01 (EG)	Anechoic Chamber (Y1 test room)	JSE	203397C	-	2025/03/08	2026/03/31
BA07	Biological Antenna	TESEQ	CBL6143A	26670	2025/03/21	2026/03/31
CL31	RF Cable 1 m	Junkosha	MWX221	1303S118	2025/01/29	2026/01/31
CL38	RF Cable 2 m	Junkosha	MWX221	1603S626	2025/01/29	2026/01/31
CL39	RF Cable 5 m	SUHNER	SUCOFLEX126E	523222	2025/01/29	2026/01/31
CL11	RF Cable for RE	RFT	-	-	2025/03/12	2026/03/31
DH06	DRG Horn Antenna	A.H. Systems	SAS-571	1339	2024/07/30	2026/07/31
PR21	Pre. Amplifier	Anritsu	MH648A	6200467119	2025/03/18	2026/03/31
PR12	Pre. Amplifier (1-26G)	Agilent Technologies	8449B	3008A02513	2025/01/29	2026/01/31
TR06	Test Receiver (F/W : 4.73 SP4)	Rohde & Schwarz	ESR26	100002	2025/02/03	2026/02/28

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

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