Report on the RF Testing of:

KYOCERA Corporation
Mobile Phone, Model: EB1220
FCC ID: JOYEB1220

In accordance with FCC Part 24 Subpart E

Prepared for: KYOCERA Corporation
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COMMERCIAL-IN-CONFIDENCE

Document Number: JPD-TR-25116-0

SIGNATURE			
NAME	**JOB TITLE**	**RESPONSIBLE FOR**	**ISSUE DATE**
Hiroaki Suzuki	RF Deputy Manager of EMC Lab	Approved Signatory	2026.02.02

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

EXECUTIVE SUMMARY - Result: Complied
A sample(s) of this product was tested and the result above was confirmed in accordance with FCC Part 24 Subpart E.

Certificate #3686.03

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Contents

1 Summary of Test

1.1 Modification history of the test report

Document Number	Modification History	Issue Date
JPD-TR-25116-0	First Issue	Refer to the cover page

1.2 Standards

CFR47 FCC Part 24 Subpart E

1.3 Test methods

KDB 971168 D01 Power Meas License Digital Systems v03r01
ANSI/TIA/EIA 603-E-2016
ANSI C63.26-2015

1.4 Deviation from standards

None

1.5 List of applied test(s) of the EUT

Test item section	Test item	Condition	Result	Remark
2.1046	Conducted Output Power	Conducted	PASS	*1
24.232(c)	Equivalent Isotropic Radiated Power	Radiated	PASS	-
24.232(d)	Peak to Average Ratio	Conducted	PASS	-
24.238(a) 2.1049	Occupied Bandwidth	Conducted	PASS	-
24.238(a) 2.1051	Band Edge Spurious and Harmonic at Antenna Terminal	Conducted	PASS	-
24.238(a) 2.1053	Radiated emissions and Harmonic Emissions	Radiated	PASS	-
24.235 2.1055	Frequency Stability	Conducted	PASS	-

*1: Refer to RF Exposure Report (Test Report_SAR)

1.6 Test information

None

1.7 Test set up

Table-top

1.8 Test period

22-October-2025 - 26-November-2025

2 Equipment Under Test

All information in this chapter was provided by the applicant.

2.1 EUT information

Applicant	KYOCERA Corporation Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi, Kanagawa, Japan Phone: +81-90-6100-4946
Equipment Under Test (EUT)	Mobile Phone
Model number	EB1220
Serial number	353379980000823, 353379980008784
Trade name	Kyocera
Number of sample(s)	2
EUT condition	Pre-Production
Power rating	Battery: DC 3.87 V USB: DC 5.0 ~ 9.0V 2.0A
Size	(W) 75 mm × (D) 14.6 mm × (H) 157 mm
Environment	Indoor and Outdoor use
Terminal limitation	-20 ˚C to 60 ˚C
Hardware version	DMT1
Software version	0.070KB.0015.a
Firmware version	Not applicable
RF Specification	
Frequency of Operation	Up Link GSM1900: 1850.2-1909.8 MHz Down Link GSM1900: 1930.2-1989.8 MHz
Modulation type	GSM1900: GMSK
Emission designator	GSM1900: 244KGXW
Equivalent Isotropic Radiated Power (E.I.R.P)	GSM1900: 0.832W (29.2dBm)
Antenna type	Internal antenna
Antenna gain	GSM1900: -1.9 dBi

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
Model: EB1220, Serial Number: 353379980000823, 353379980008784			
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

2.4 Description of test mode

The EUT had been tested under operating condition.
There are three channels have been tested as following:

Band	Modulation	Bandwidth [MHz]	Channel	Frequency [MHz]
GSM1900	GMSK	-	512, 661, 810	1850.2, 1880.0, 1909.8

The field strength of spurious emissions was measured at each position of all three axis X, Y and Z to compare the level, and the maximum noise.
The worst emission was found in Y-axis and the worst case recorded.
Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports.

3 Configuration of Equipment

Numbers assigned to equipment on the diagram in “3.2 System configuration” correspond to the list in “3.1 Equipment used”.
This test configuration is based on the manufacture’s instruction.
Cabling and setup(s) were taken into consideration and test data was taken under worse case condition.

3.1 Equipment used

No.	Equipment	Company	Model No.	Serial No.	FCC ID/DoC	Comment
1	Mobile Phone	KYOCERA	EB1220	353379980000823, 353379980008784	JOYEB1220	EUT

3.2 System configuration

1. Mobile Phone (EUT)

4 Test Result

4.1 Equivalent Isotropic Radiated Power

4.1.1 Measurement procedure

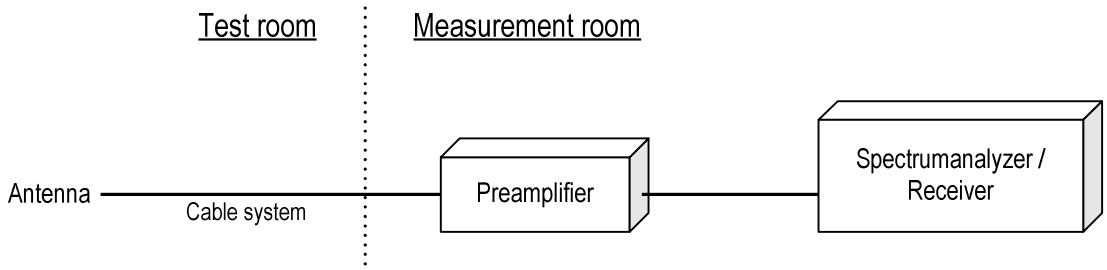
[FCC 24.232(c)]

<Step 1>
The EUT and support equipment are placed on 0.6 meter x 0.6 meter surface, 1.5 meter height (Above 1GHz) styrene foam table. Radiated emission measurements are performed at 3 meter distance with the broadband antenna (double ridged guide antenna). The antenna is positioned both the horizontal and vertical planes of polarization and height is varied 1 to 4 meters and stopped at height producing the maximum emission.
The bandwidth of the spectrum analyzer is set to 1 MHz. The turntable is rotated by 360 degrees and stopped at azimuth of producing the maximum emission.

<Step 2>
The substitution antenna is replaced by the transmitter antenna (EUT).
The frequency of the signal generator is adjusted to the measurement frequency.
Level of the signal generator is adjusted to the level that is obtained from step 1, and record the emission level of signal generator.

The spectrum analyzer is set to;
a) Span = 1.5 times the OBW
b) RBW = 1-5% of the expected OBW, not to exceed 1 MHz
c) VBW ≥ 3 x RBW
d) Number of sweep points ≥ 2 x span / RBW
e) Sweep time = auto-couple
f) Detector = RMS (power averaging)
g) If the EUT can be configured to transmit continuously (i.e., burst duty cycle ≥ 98%), then set the trigger to free run.
h) If the EUT cannot be configured to transmit continuously (i.e., burst duty cycle < 98 %), then use a sweep trigger with the level set to enable triggering only on full power bursts and configure the EUT to transmit at full power for the entire duration of each sweep. Ensure that the sweep time is less than or equal to the transmission burst duration.
i) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
j) Compute the power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function, with the band limits set equal to the OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the entire OBW of the spectrum.

- Test configuration



4.1.2 Calculation method

Result (EIRP) = Ant. Input - Cable loss + Antenna Gain
Margin = Limit – Result (EIRP)

Example:
Limit @ 1880 MHz : 33.0 dBm
Ant. Input = 25.0 dBm Cable loss = 1.1dB Ant. Gain = 4.7 dBi
Result = 25.0 - 1.1 + 4.7 = 28.6 dBm
Margin = 33.0 - 28.6 = 4.4 dB

4.1.3 Limit

2 W (33 dBm)

4.1.4 Test data

Date : 23-October-2025
Temperature : 22.4 [˚C]
Humidity : 36.6 [%] Test engineer : Tadahiro Seino
Test place : 3m Semi-anechoic chamber

Date : 20-November-2025
Temperature : 21.0 [˚C]
Humidity : 30.6 [%] Test engineer : Chiaki Kanno
Test place : 3m Semi-anechoic chamber

[GSM1900]

H/V	Frequency [MHz]	S.A Reading [dBm]	Ant. Input [dBm]	Cable loss [dB]	Ant.Gain [dBi]	Result [dBm]	Result [W]	Limit [dBm]	Margin [dB]
H	1850.2	-51.1	25.8	1.5	4.9	29.2	0.832	33.0	3.8
H	1880.0	-52.6	23.9	1.5	4.6	27.0	0.501	33.0	6.0
H	1909.8	-52.5	25.1	1.6	4.4	27.9	0.617	33.0	5.1

4.2 Peak to Average Ratio

4.2.1 Measurement procedure

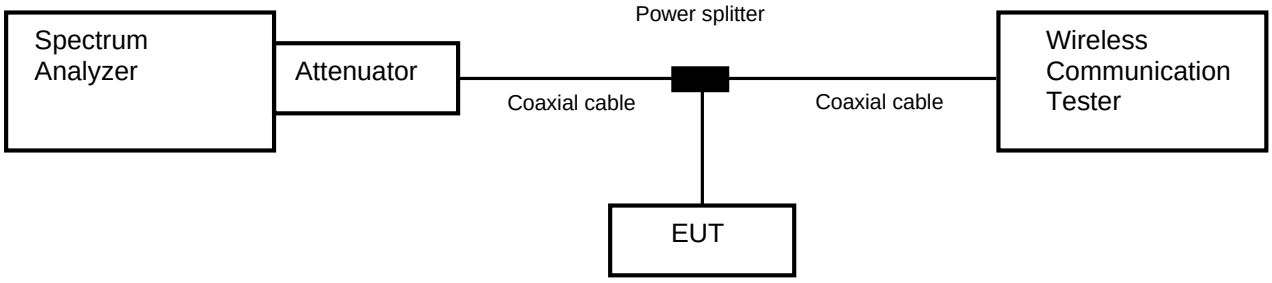
[FCC 24.232(d)]

The peak to average ratio was measured with a spectrum analyzer connected to the antenna terminal.

The spectrum analyzer is set to;

a) Power Stat CCDF mode
b) Set resolution / measurement bandwidth ≥ signal's occupied bandwidth.
c) Set the number of counts to a value that stabilizes the measured CCDF curve.
d) Set the measurement interval as follows:
   1) For continuous transmissions, set to 1ms.
   2) For burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst duration.
e) Record the maximum PAPR level associated with a probability of 0.1%.

- Test configuration



4.2.2 Limit

13 dB or less

4.2.3 Measurement result

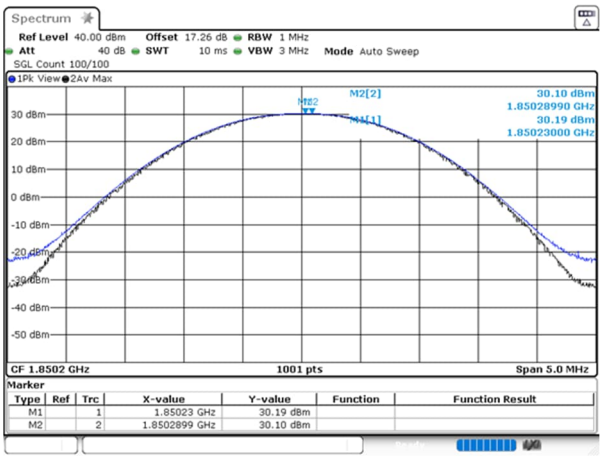
Date : 23-October-2025
Temperature : 21.9 [˚C]
Humidity : 44.3 [%]
Test place : Shielded room No.4
Test engineer : Kazunori Saito

Band	Channel	Frequency [MHz]	Peak to Average Power Ratio [dB]	Limit [dB]
GSM1900	512	1850.2	0.09	13.0
	661	1880.0	0.06	
	810	1909.8	0.06	

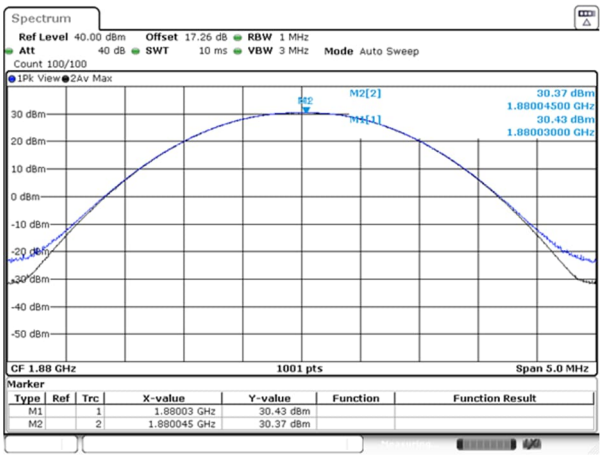
4.2.4 Trace data

[GSM1900]

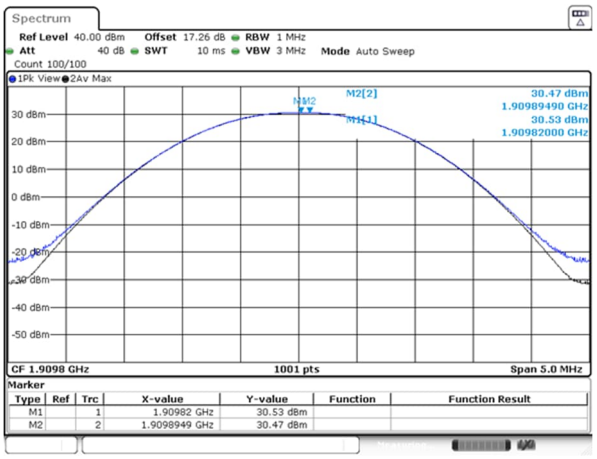
Channel: 512



Channel: 661



Channel: 810



4.3 Occupied Bandwidth

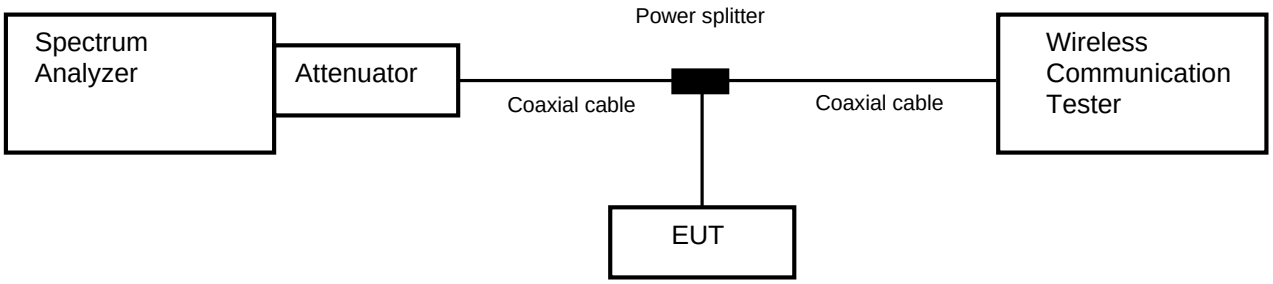
4.3.1 Measurement procedure

[FCC 24.238(a), 2.1049]

The Occupied bandwidth was measured with a spectrum analyzer connected to the antenna terminal.

The spectrum analyzer is set to;
a) RBW = 1-5% of the expected OBW & VBW ≥ 3 x RBW
b) Detector = Peak
c) Trace mode = Max hold
d) Sweep time = auto-couple

- Test configuration



4.3.2 Limit

None

4.3.3 Measurement result

Date : 22-October-2025
Temperature : 23.4 [˚C]
Humidity : 40.6 [%]
Test place : Shielded room No.4

Test engineer : Kazunori Saito

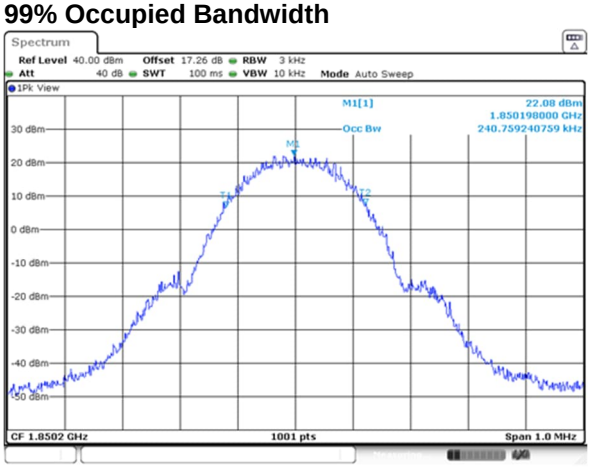
Band	Channel	Frequency (MHz)	99% Occupied bandwidth (MHz)	26dB Bandwidth (MHz)
GSM1900	512	1850.2	0.2408	0.3107
	661	1880.0	0.2428	0.3107
	810	1909.8	0.2438	0.3167

4.3.4 Trace data

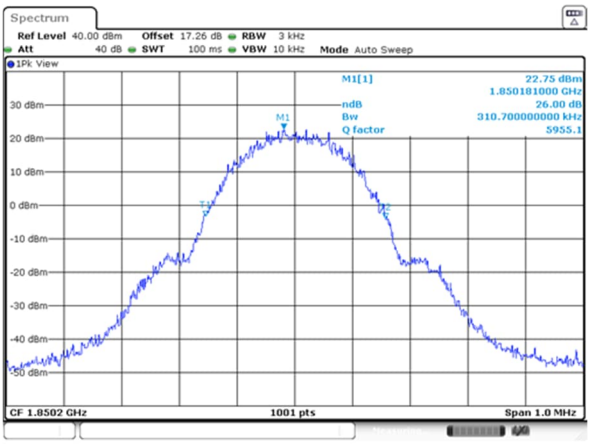
[GSM1900]

Channel: 512

99% Occupied Bandwidth

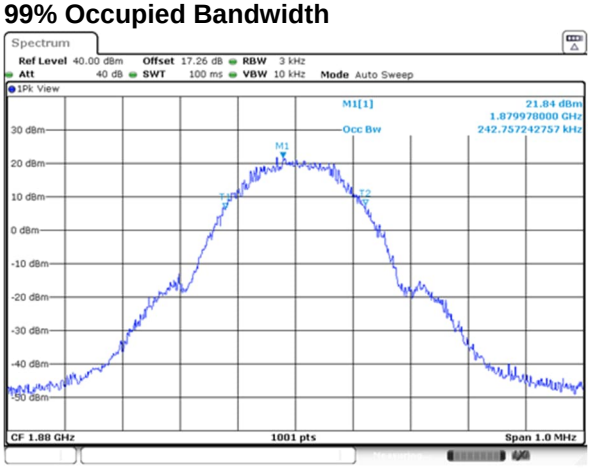


26dB Bandwidth

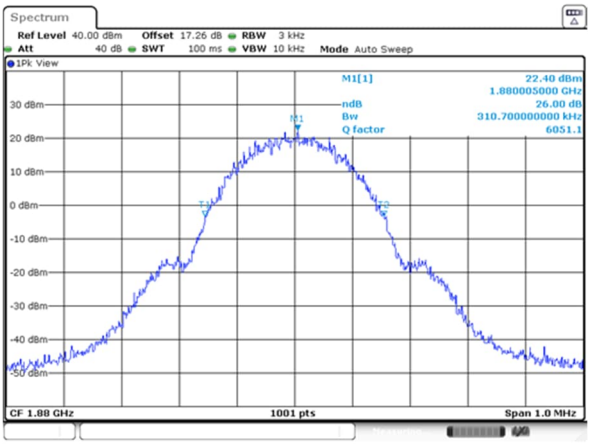


Channel: 661

99% Occupied Bandwidth

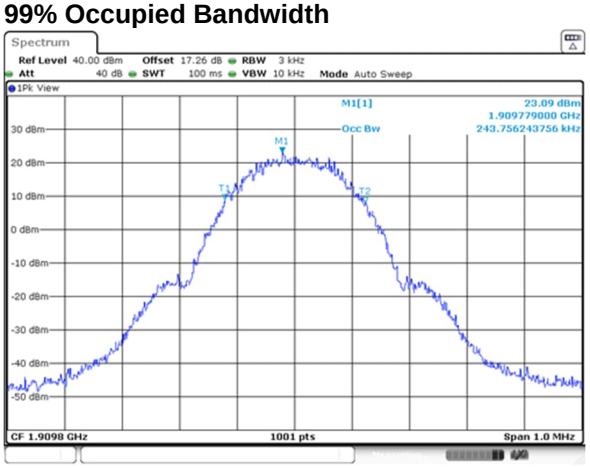


26dB Bandwidth

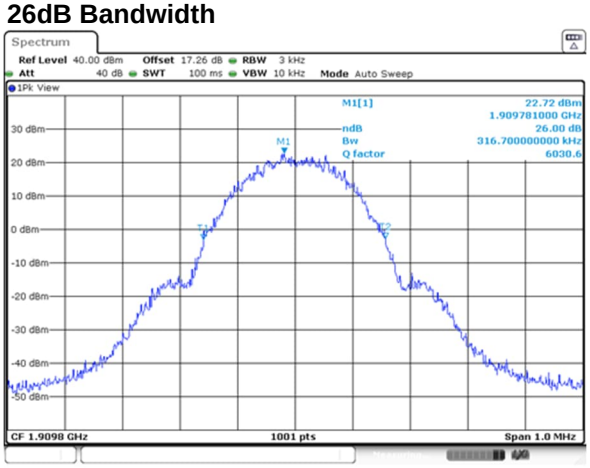


Channel: 810

99% Occupied Bandwidth



26dB Bandwidth



4.4 Band Edge Spurious and Harmonic at Antenna Terminals

4.4.1 Measurement procedure

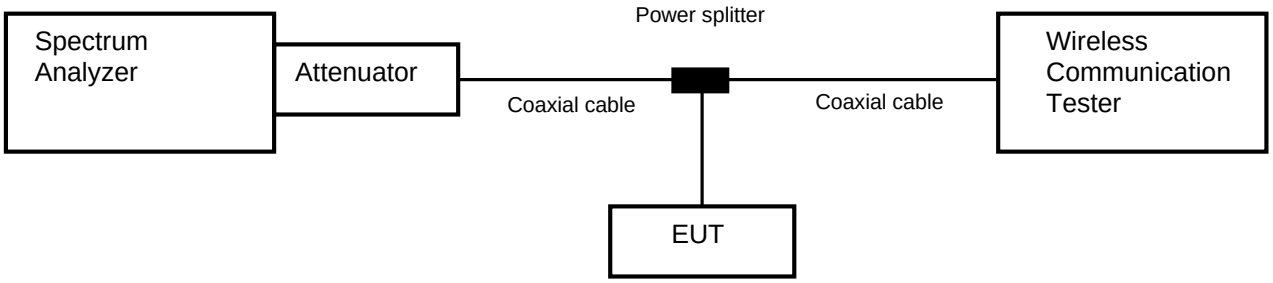
[FCC 24.238(a), 2.1051]

The band edge spurious and harmonic was measured with a spectrum analyzer connected to the antenna terminal.

The spectrum analyzer is set to;
<Band Edge>
a) Span was set large enough so as to capture all out of band emissions near the band edge
b) RBW ≥ 1% of the emission bandwidth or 2% of the emission bandwidth
c) VBW ≥ 3 x RBW
d) Detector = RMS
e) Trace mode = Max hold
f) Sweep time = auto-couple
g) Number of sweep point ≥ 2 x span / RBW

<Spurious Emissions>
a) RBW = 1MHz & VBW ≥ 3 x RBW
b) Detector = Peak
c) Trace mode = Max hold
d) Sweep time = auto-couple
e) Number of sweep point ≥ 2 x span / RBW

- Test configuration



4.4.2 Limit

-13 dBm or less

4.4.3 Measurement result

Date : 23-October-2025
Temperature : 21.9 [˚C]
Humidity : 44.3 [%]
Test place : Shielded room No.4

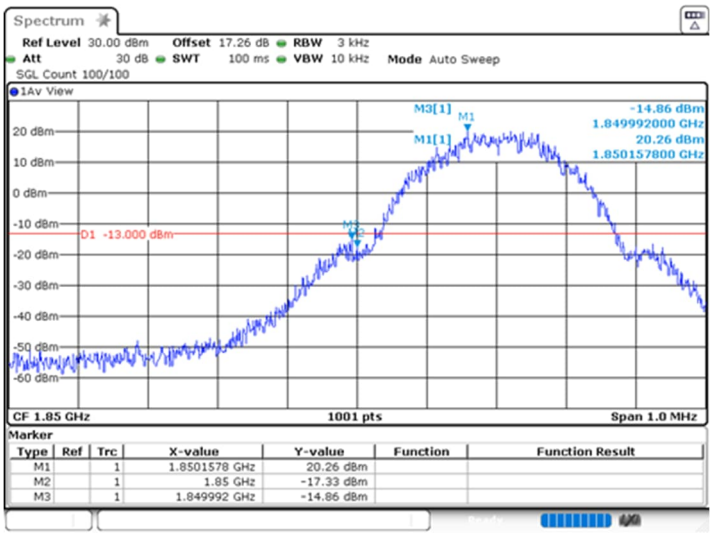
Test engineer : Kazunori Saito

Band	Channel	Frequency [MHz]	Limit [dBm]	Results	
GSM1900	512	1850.2	-13.0	See the trace data	PASS
	810	1909.8	-13.0	See the trace data	PASS

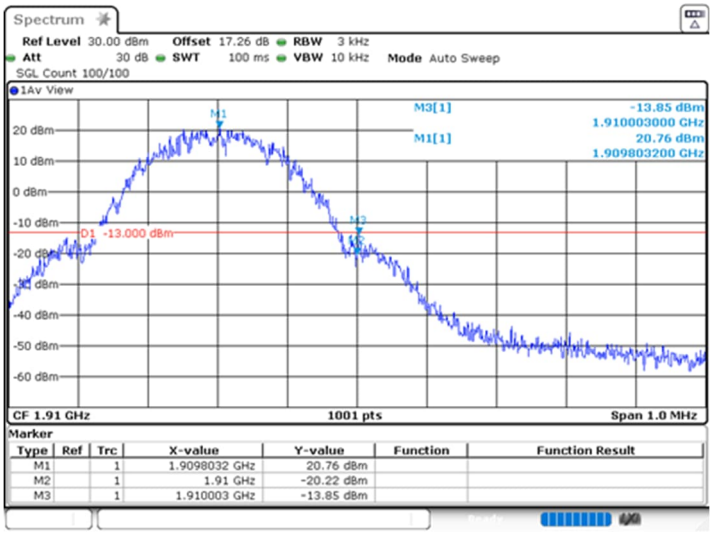
4.4.4 Trace data

[GSM1900]
(Band Edge)

Channel: 512



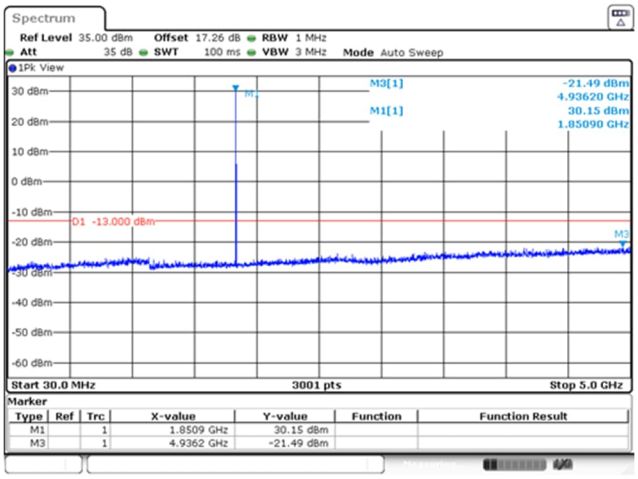
Channel: 810



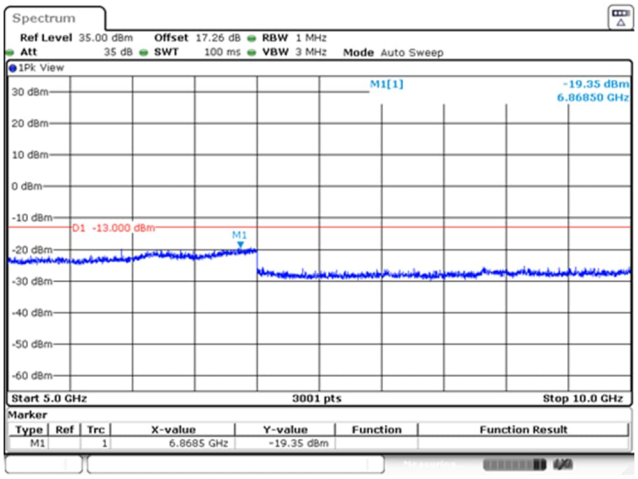
(Spurious Emissions)
Note: Conducted spurious test was measured in the worst case of conducted output power.

Channel: 512

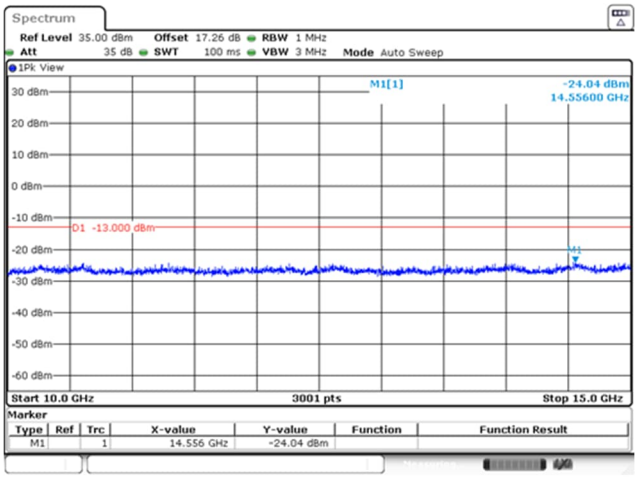
30MHz-5GHz



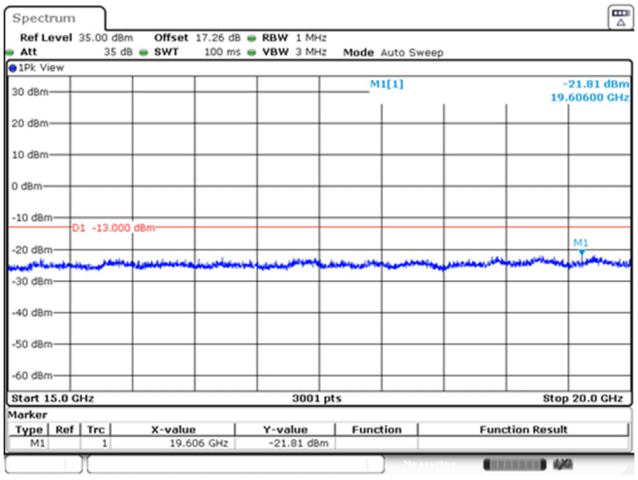
5GHz-10GHz



10GHz-15GHz

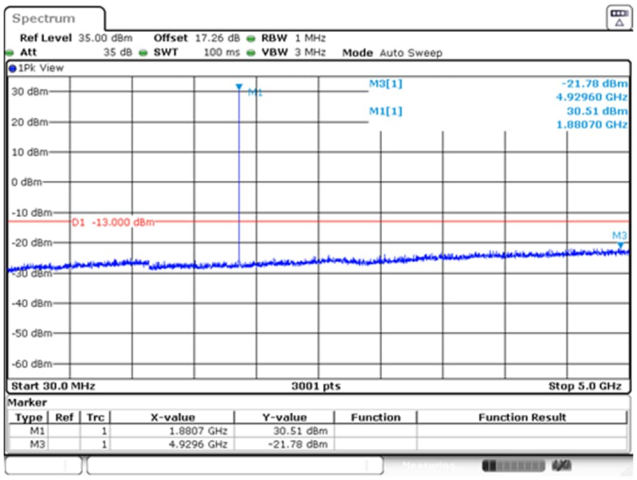


15GHz-20GHz

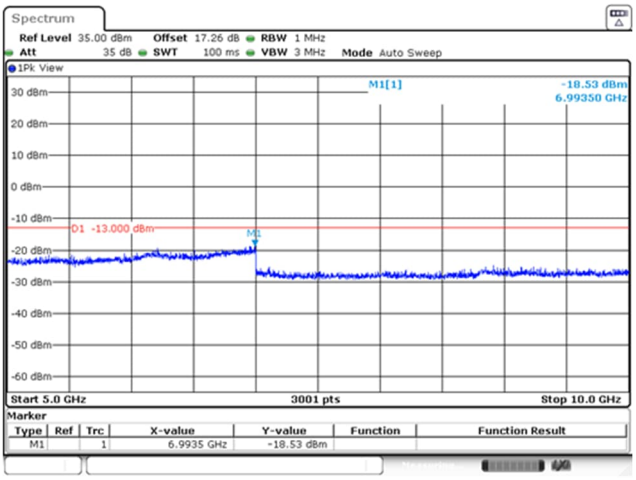


Channel: 661

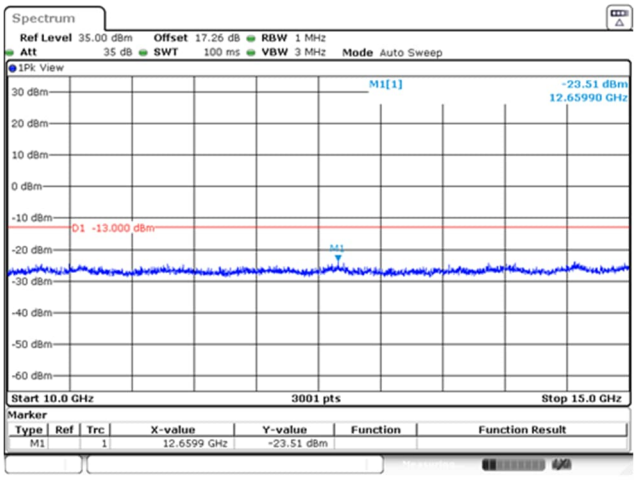
30MHz-5GHz



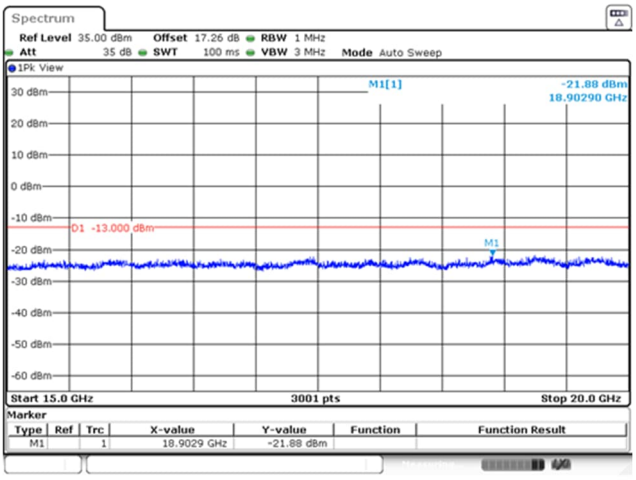
5GHz-10GHz



10GHz-15GHz

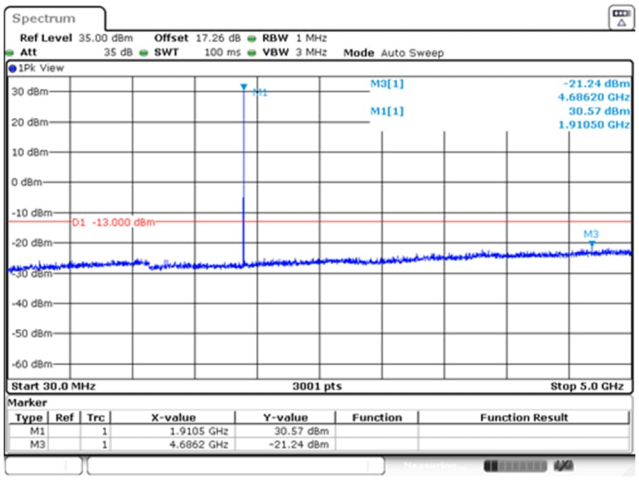


15GHz-20GHz

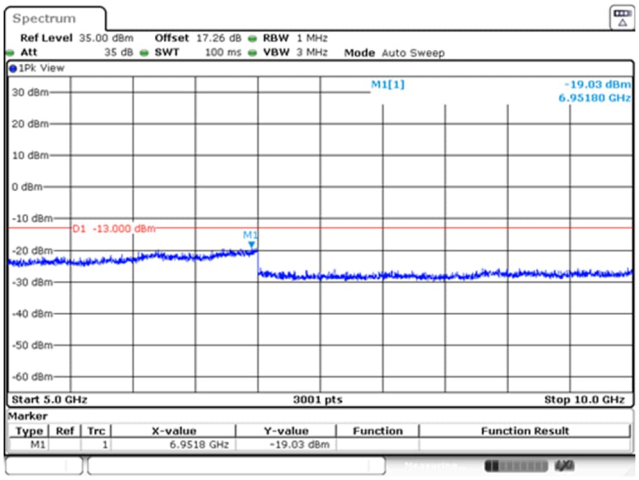


Channel: 810

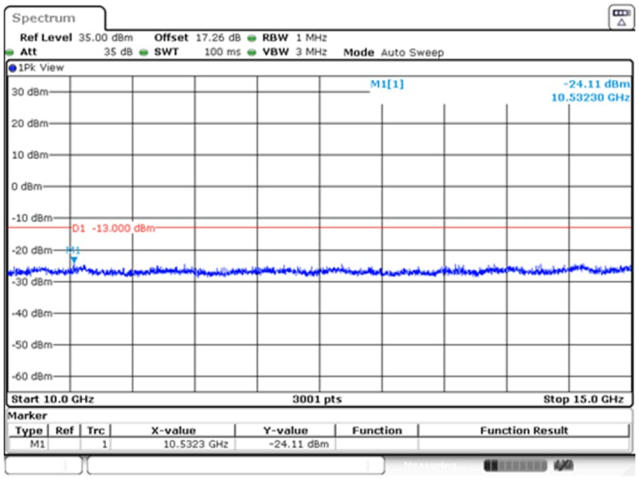
30MHz-5GHz



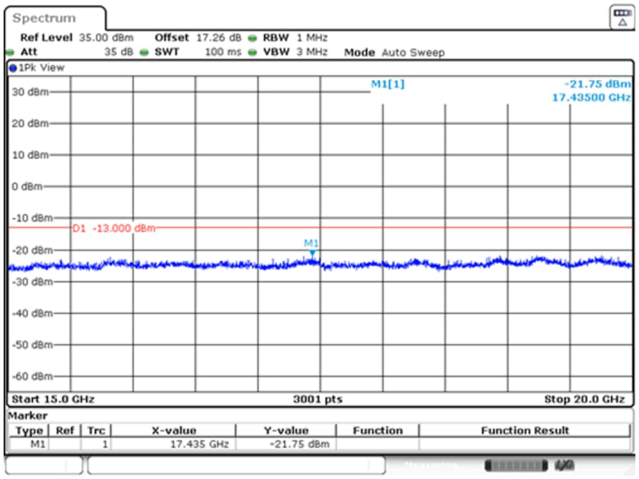
5GHz-10GHz



10GHz-15GHz



15GHz-20GHz



4.5 Radiated Emissions and Harmonic Emissions

4.5.1 Measurement procedure

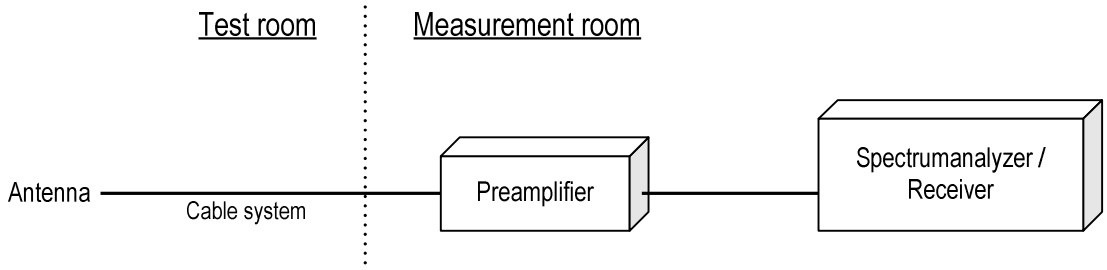
[FCC 24.238(a), 2.1053]

<Step 1>
The EUT and support equipment are placed on 1.0 meter x 1.0 meter surface, 0.8 meter height (Below or equal 1GHz) or 0.6 meter x 0.6 meter surface, 1.5 meter height (Above 1GHz) styrene foam table. Radiated emission measurements are performed at 3 meter distance with the broadband antenna (Biconical antenna, Log periodic antenna and double ridged guide antenna). The antenna is positioned both the horizontal and vertical planes of polarization and height is varied 1 to 4 meters and stopped at height producing the maximum emission.
The bandwidth of the spectrum analyzer is set to 1 MHz. The turntable is rotated by 360 degrees and stopped at azimuth of producing the maximum emission. The frequency is investigated up to 20 GHz.

<Step 2>
The substitution antenna is replaced by the transmitter antenna (EUT).
The frequency of the signal generator is adjusted to the measurement frequency.
Level of the signal generator is adjusted to the level that is obtained from step 1, and record the emission level of signal generator.

The spectrum analyzer is set to;
a) RBW = 100 kHz for below 1 GHz and 1 MHz for above 1 GHz / VBW ≥ 3 x RBW
b) Detector = Peak
c) Trace mode = Max hold
d) Sweep time = auto-couple

- Test configuration



4.5.2 Calculation method

Result (EIRP) = Ant. Input - Cable loss + Antenna Gain
Margin = Limit – Result (EIRP)

Example:
Limit @ 3760.0 MHz : -13.0 dBm
Ant. Input = -55.6 dBm Cable loss = 1.6 dB Ant. Gain = 9.2 dBi
Result = -55.6 - 1.6 + 9.2 = -48.0 dBm
Margin = -13.0 - (-48.0) = 35.0 dB

4.5.3 Limit

-13 dBm or less

4.5.4 Test data

Date	:	23-October-2025			
Temperature	:	22.3 [˚C]			
Humidity	:	36.7 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Tadahiro Seino

Date	:	24-October-2025			
Temperature	:	22.6 [˚C]			
Humidity	:	34.4 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Taiki Watanabe

Date	:	20-November-2025			
Temperature	:	21.0 [˚C]			
Humidity	:	30.6 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Chiaki Kanno

[GSM1900]
Channel: 512

H/V	Frequency [MHz]	S.A Reading [dBm]	Ant. Input [dBm]	Cable loss [dB]	Ant.Gain [dBi]	Result [dBm]	Limit [dBm]	Margin [dB]
H	3700.4	-58.9	-52.3	1.6	8.3	-45.6	-13.0	32.6

Channel: 661

H/V	Frequency [MHz]	S.A Reading [dBm]	Ant. Input [dBm]	Cable loss [dB]	Ant.Gain [dBi]	Result [dBm]	Limit [dBm]	Margin [dB]
H	3760.0	-57.9	-52.4	1.6	8.2	-45.8	-13.0	32.8
H	5640.0	-59.0	-52.0	2.0	10.6	-43.4	-13.0	30.4

Channel: 810

H/V	Frequency [MHz]	S.A Reading [dBm]	Ant. Input [dBm]	Cable loss [dB]	Ant.Gain [dBi]	Result [dBm]	Limit [dBm]	Margin [dB]
H	3819.6	-59.7	-53.4	1.7	8.3	-46.8	-13.0	33.8

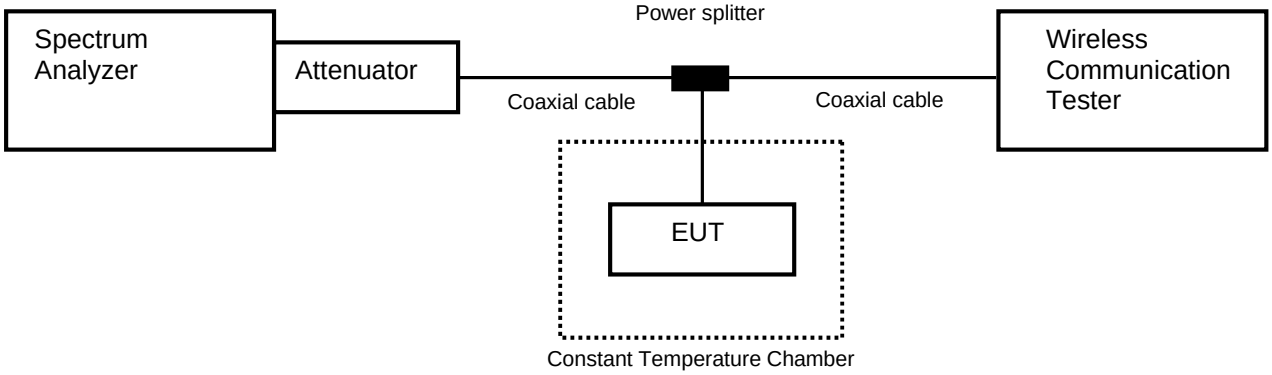
4.6 Frequency Stability

4.6.1 Measurement procedure

[FCC 24.235, 2.1055]

The EUT was placed of an inside of an constant temperature chamber as the temperature in the chamber was varied between -30˚C and +50˚C. The temperature was incremented by 10˚C intervals and the unit was allowed to stabilize at each measurement. The frequency drift was measured with the normal Temperature and voltage tolerance and it is presented as the ppm unit.

- Test configuration



4.6.2 Limit

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

4.6.3 Measurement result

Date : 18-November-2025
Temperature : 20.0 [˚C]
Humidity : 51.3 [%] Test engineer : Kazunori Saito
Test place : Shielded room No.4

Date : 19-November-2025
Temperature : 19.4 [˚C]
Humidity : 47.4 [%] Test engineer : Kazunori Saito
Test place : Shielded room No.4

Date : 20-November-2025
Temperature : 19.8 [˚C]
Humidity : 48.6 [%] Test engineer : Kazunori Saito
Test place : Shielded room No.4

Date : 26-November-2025
Temperature : 20.5 [˚C]
Humidity : 48.3 [%] Test engineer : Kazunori Saito
Test place : Shielded room No.4

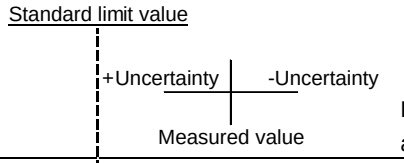
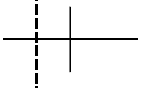
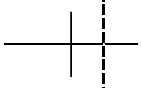
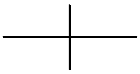
[GSM1900]

Limit[MHz]		1850MHz ≤	≤ 1910MHz	
Power Supply [V]	**Temperature [ºC]**	**Low Frequency [MHz]**	**High Frequency [MHz]**	**Result**
3.87	25(Ref.)	1850.078122	1909.921878	Pass
	50	1850.079121	1909.921878	Pass
	40	1850.078122	1909.921878	Pass
	30	1850.079121	1909.921878	Pass
	20	1850.078122	1909.921878	Pass
	10	1850.079121	1909.920879	Pass
	0	1850.078122	1909.921878	Pass
	-10	1850.079121	1909.920879	Pass
	-20	1850.078122	1909.921878	Pass
	-30	1850.078122	1909.921878	Pass
3.29	25	1850.079121	1909.920879	Pass
4.45	25	1850.078122	1909.920879	Pass

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 %.

Test item	Measurement uncertainty
Conducted emission, AMN (9 kHz – 150 kHz)	± 3.7 dB
Conducted emission, AMN (150 kHz – 30 MHz)	± 3.3 dB
Radiated emission (9kHz – 30 MHz)	± 3.7 dB
Radiated emission (30 MHz – 1000 MHz)	± 5.4 dB
Radiated emission (1 GHz – 6 GHz)	± 5.1 dB
Radiated emission (6 GHz – 18 GHz)	± 4.8 dB
Radiated emission (18 GHz – 40 GHz)	± 6.0 dB
Radio Frequency	$\pm 0.9 * 10^{-7}$
RF power, conducted	± 0.6 dB
Effective radiated power	± 4.3 dB
Radiated spurious emissions	± 4.4 dB
Adjacent channel power	± 1.5 dB
Bandwidth	± 2.8 %
Temperature	± 0.6 °C
Humidity	± 1.2 %
Voltage (DC)	± 0.4 %
Voltage (AC, <10kHz)	± 0.2 %

Judge	Measured value and standard limit value
PASS	**Case1**  Even if it takes uncertainty into consideration, a standard limit value is fulfilled.
	Case2  Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.
FAIL	**Case3**  Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.
	Case4  Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.

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

Accreditation and Registration
A2LA
Certificate #3686.03

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

Innovation, Science and Economic Development Canada
ISED#: 4224A

Appendix A. Test Equipment

Antenna port conducted test

Equipment	Company	Model No.	Serial No.	Cal. Due	Cal. Date
Spectrum analyzer	ROHDE&SCHWARZ	FSV40	101731	31-Jul-2026	31-Jul-2025
Attenuator	Weinschel	56-10	J4993	31-Dec-2025	16-Dec-2024
Power divider	ANRITSU	K240B	020205	30-Sep-2026	10-Sep-2025
Microwave cable	HUBER+SUHNER	SUCOFLEX102/1m	547874/2	31-Jul-2026	9-Jul-2025
Wideband Radio Frequency Tester	ROHDE&SCHWARZ	CMW500	116338	30-Apr-2026	21-Apr-2025
Wideband Radio Frequency Tester	ROHDE&SCHWARZ	CMW500	167820	31-May-2026	28-May-2025
Low temperature and humidity chamber	Espec	PL1KP	14007261	30-Jun-2026	5-Jun-2025

Radiated emission

Equipment	Company	Model No.	Serial No.	Cal. Due	Cal. Date
EMI receiver	ROHDE&SCHWARZ	ESW44	103171	31-Dec-2025	2-Dec-2024
Biconical antenna	Schwarzbeck	VHBB9124/BBA9106	1344	31-Aug-2026	19-Aug-2025
Log-periodic antenna	Schwarzbeck	VUSLP9111B	#343	31-Dec-2025	9-Dec-2024
Attenuator	TOYO Connector	NA-PJ-6/6dB	N/A(S541)	30-Sep-2026	11-Sep-2025
Attenuator	TAMAGAWA.ELEC	CFA-01/3dB	N/A(S503)	31-Jul-2026	9-Jul-2025
Preamplifier	SONOMA	310	372170	30-Sep-2026	10-Sep-2025
Double ridged guide antenna	ETS LINDGREN	3117	00256478	30-Jun-2026	30-Jun-2025
Attenuator	HUBER+SUHNER	6803.17.B	N/A(2340)	31-Dec-2025	17-Dec-2024
Preamplifier	Techno Science Japan	MLA-0118-J02-40	23050008	30-Jun-2026	19-Jun-2025
Attenuator	AEROFLEX	26A-10	081217-08	31-Dec-2025	16-Dec-2024
DRGH antenna	A.H.Systems Inc.	SAS-574	469	30-Sep-2026	17-Sep-2025
Preamplifier	Techno Science Japan	MLA-1840-B03-35	1240332	30-Sep-2026	17-Sep-2025
Microwave cable	HUBER SUNER	Sucoflex 102/5m	31647	31-Jul-2026	8-Jul-2025
EMI receiver	ROHDE&SCHWARZ	ESW44	103171	31-Dec-2025	2-Dec-2024
Biconical antenna	Schwarzbeck	VHBB9124/BBA9106	1344	31-Aug-2026	19-Aug-2025
Band rejection filter	Micro-Tronics	BRC50720	014	31-Dec-2025	16-Dec-2024
Attenuator	Qualwave Inc.	QFA2620-26.5-20-S	22295089	30-Sep-2026	9-Sep-2025
RF Power Amplifier	R&K	CGA020M602-2633R	B40240	30-Jun-2026	17-Jun-2025
Signal generator	ROHDE&SCHWARZ	SMB100A	177525	31-Dec-2025	6-Dec-2024
Microwave cable	HUBER SUNER	Sucoflex 102/2m	31648	31-Mar-2026	18-Mar-2025
Dipole antenna	Schwarzbeck	VHAP	1021	31-Jul-2026	18-Jul-2025
Dipole antenna	Schwarzbeck	UHAP	993	31-Jul-2026	18-Jul-2025
Double ridged guide antenna	ETS LINDGREN	3117	00218815	30-Nov-2025	11-Nov-2024
Wideband Radio Frequency Tester	ROHDE&SCHWARZ	CMW500	116338	30-Apr-2026	21-Apr-2025
Wideband Radio Frequency Tester	ROHDE&SCHWARZ	CMW500	167820	31-May-2026	28-May-2025
Microwave cable	HUBER+SUHNER	SUCOFLEX104/9m	800690/4	31-Oct-2026	21-Oct-2025
		SUCOFLEX104/1m	my24610/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX104/9m	2001102/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX104/1m	MY32976/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX104/2m	SN MY28404/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX106/7m	41625/6	31-Dec-2025	19-Dec-2024
Software	TOYO Technica	ES10/RE-AJ	Ver.2023.01.001	N/A	N/A
Absorber	RIKEN	PFP30	N/A	N/A	N/A
3m Semi an-echoic Chamber	TOKIN	N/A	N/A(9002-NSA)	31-May-2026	15-May-2025
3m Semi an-echoic Chamber	TOKIN	N/A	N/A(9002-SVSWR)	31-May-2026	15-May-2025

*: The calibrations of the above equipment are traceable to NIST or equivalent standards of the reference organizations.