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JQA File No.: KL80170087S Issue Date: June 16, 2017

TEST REPORT

Applicant : SHARP CORPORATION, IoT Communication BU

Address : 2-13-1, Iida Hachihonmatsu, Higashi-Hiroshima City, Hiroshima,

739-0192, Japan

Products : Smart Phone

Model No. : 606SH

Serial No. : 004401/11/612130/8

004401/11/612129/0

FCC ID : APYHRO00250

Test Standard : CFR 47 FCC Rules and Regulations Part 22

Test Results : Passed

Date of Test : May 16 ~ 22, 2017



dem

Kousei Shibata

Manager

Japan Quality Assurance Organization

KITA-KANSAI Testing Center

SAITO EMC Branch

7-3-10, Saito-asagi, Ibaraki-shi, Osaka 567-0085, Japan

- The test results in this test report was made by using the measuring instruments which are traceable to national standards of measurement in accordance with ISO/IEC 17025.
- The applicable standard, testing condition and testing method which were used for the tests are based on the request of the applicant.
- The test results presented in this report relate only to the offered test sample.
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- VLAC does not approve, certify or warrant the product by this test report.



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DEFINITIONS FOR ABBREVIATION AND SYMBOLS USED IN THIS TEST REPORT

EUT: Equipment Under TestEMC: Electromagnetic CompatibilityAE: Associated EquipmentEMI: Electromagnetic InterferenceN/A: Not ApplicableEMS: Electromagnetic Susceptibility

N/T : Not Tested

☑ - indicates that the listed condition, standard or equipment is applicable for this report.

 \Box - indicates that the listed condition, standard or equipment is not applicable for this report.



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1 Description of the Equipment Under Test

1. Manufacturer : SHARP CORPORATION, IoT Communication BU

2-13-1, Iida Hachihonmatsu, Higashi-Hiroshima City, Hiroshima,

739-0192, Japan

2. Products : Smart Phone

3. Model No. : 606SH

4. Serial No. : 004401/11/612130/8

004401/11/612129/0

5. Product Type : Pre-production

6. Date of Manufacture : April, 2017

7. Power Rating : 4.0VDC (Lithium-ion Battery UBATIA270AFN1 3010mAh)

8. Grounding : None

Transmitting Frequency
 824.2 MHz(128CH) – 848.8 MHz(251CH)
 Receiving Frequency
 869.2 MHz(128CH) – 893.8 MHz(251CH)

11. Emission Designations : 243KGXW

12. Max. RF Output Power : 0.776W (ERP)

13. Category : GSM850

14. EUT Authorization : Certification15. Received Date of EUT : May 15, 2017

16. Channel Plan

The carrier spacing is 200 kHz.

The carrier frequency is designated by the absolute frequency channel number (ARFCN).

The carrier frequency is expressed in the equation shown as follows:

Transmitting Frequency (in MHz) = $824.2 + 0.2 \times (n - 128)$

where, n : channel number $(128 \le n \le 251)$

Receiving Frequency (in MHz) = $869.2 + 0.2 \times (n - 128)$

where, n: channel number $(128 \le n \le 251)$



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2 Summary of Test Results

Applied Standard : CFR 47 FCC Rules and Regulations Part 22

Subpart H – Cellular Radiotelephone Service

The EUT described in clause 1 was tested according to the applied standard shown above.

Details of the test configuration is shown in clause 6.

The conclusion for the test items of which are required by the applied standard is indicated under the test result.

- \square The test result was **passed** for the test requirements of the applied standard.
- \Box The test result was **failed** for the test requirements of the applied standard.
- \square The test result was **not judged** the test requirements of the applied standard.

In the approval of test results,

- Determining compliance with the limits in this report was based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- No deviations were employed from the applied standard.
- No modifications were conducted by JQA to achieve compliance to the limitations.

Reviewed by:

Shigeru Kinoshita Assistant Manager

JQA KITA-KANSAI Testing Center

SAITO EMC Branch

Tested by:

Shigeru Osawa

Deputy Manager

JQA KITA-KANSAI Testing Center

SAITO EMC Branch



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3 Test Procedure

Test Requirements : CFR 47 FCC Rules and Regulations Part 2

§2.1046, §2.1047, §2.1049, §2.1051, §2.1053, §2.1055 and §2.1057

Test Procedure : ANSI/TIA-603-D-2010

FCC KDB 971168 D01 Power Meas License Digital Systems v02r02,

released October 17, 2014

4 Test Location

Japan Quality Assurance Organization (JQA) KITA-KANSAI Testing Center 7-7, Ishimaru, 1-chome, Minoh-shi, Osaka, 562-0027, Japan SAITO EMC Branch 7-3-10, Saito-asagi, Ibaraki-shi, Osaka 567-0085, Japan

5 Recognition of Test Laboratory

JQA KITA-KANSAI Testing Center SAITO EMC Branch is accredited under ISO/IEC 17025 by following accreditation bodies and the test facility is registered by the following bodies.

VLAC Accreditation No. : VLAC-001-2 (Expiry date : March 30, 2018) VCCI Registration No. : A-0002 (Expiry date : March 30, 2018)

BSMI Registration No. : SL2-IS-E-6006, SL2-IN-E-6006, SL2-R1/R2-E-6006, SL2-A1-E-6006

(Expiry date: September 14, 2019)

IC Registration No. : 2079E-3, 2079E-4 (Expiry date: July 16, 2017)

Accredited as conformity assessment body for Japan electrical appliances and material law by METI. (Expiry date: February 22, 2019)



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6 Description of Test Setup

6.1 Test Configuration

The equipment under test (EUT) consists of:

	Item	Manufacturer	Model No.	Serial No.	FCC ID		
A	Smart Phone	Sharp	606SH	004401/11/612130/8 *1) 004401/11/612129/0 *2)	APYHRO00250		
В	AC Adapter	Sharp	SHCEJ1		N/A		
\mathbf{C}	Stereo Handsfree	Sharp			N/A		
D	DTV Antenna	Sharp			N/A		

^{*1)} Used for Field Strength of Spurious Emission

The auxiliary equipment used for testing:

None

Type of Cable:

No.	Description	Identification (Manu. etc.)	Connector Shielded	Cable Shielded	Ferrite Core	Length (m)
1	USB conversion cable			NO	NO	1.5
2	Handsfree Cable			NO	NO	1.5
3	DTV Antenna Cable			NO	NO	0.1

^{*2)} Used for Antenna Conducted Emission



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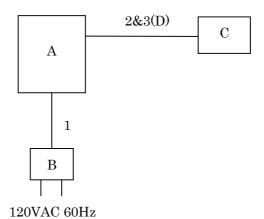
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6.2 Test Arrangement (Drawings)

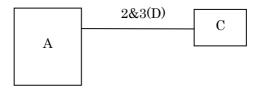
a) Single Unit



b) AC Adapter used



c) Earphone used





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6.3 Operating Condition

Power Supply Voltage : 4.0 VDC (for Battery)

120 VAC, 60 Hz (For AC Adapter)

The test were carried under one modulation type shown as follows:

Modulation Burst Signal: DATA TSC 5 in accordance with GSM 05.02.

(Maximum Power Setting)

The tests were carried under the worst channel (maximum power). (Ref. JQA File number: KL80160046R, FCC ID: APYHRO00237)

1. Conducted: 836.400 MHz (189 ch)

2. Radiated: 848.800 MHz (251 ch)

The Radiated Emission test were carried under 3 test configurations shown in clause 6.2. In all tests, the fully charged battery is used for the EUT.

Other Clock Frequency 19.2MHz, 27MHz, 27.12MHz

The EUT was rotated through three orthogonal axis (X, Y and Z axis) in radiated measurement. The EUT with temporary antenna port was used in conducted measurement.



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7 Test Requirements

7.0 Re-use of Measured Data

7.0.1 Introduction

This application re-use data collected on a similar device. The subjected device of this application (Model No.: 606SH, FCC ID: APYHRO00250) is electrically identical to the reference device (Model No.: 507SH, FCC ID: APYHRO00237) for the portions of the circuitry corresponding to the data being re-used.

The FCC ID: APYHRO00237 test data shall remain representative of FCC ID: APYHRO00250.

A statement that the applicant takes full responsibility that the test data as referenced in this section represent compliance for this FCC ID: APYHRO00250.

7.0.2 Difference Section

The device of this application is electrically identical to the reference device other than the FeliCa Block. Please refer to the Comparison List Between 507SH and 606SH.

7.0.3 Spot Check Verification Data Section

The spot check verification tests were carried under the worst channel (maximum power).

(Ref. JQA File number: KL80160046R, FCC ID: APYHRO00237)

Conducted: 836.40 MHz (189 ch)
 Radiated: 848.800 MHz (251 ch)

Test Item	Reference Model	Spot Check Model	
	(FCC ID: APYHRO00237)	(FCC ID: APYHRO00250)	
RF Power Output	2187.8 mW (at 836.40 MHz)	1548.8 mW (at 836.40 MHz)	
ERP RF Power Output	0.955 W (at 848.80 MHz)	0.776 W (at 848.80 MHz)	
Field Strength of Spurious	<-42.6 dBm	<-42.5 dBm	
Radiation	(at 8488.0MHz)	(at 8488.0MHz)	

Summary of the Test Results

Test Item	FCC Specification	Specification Reference of the		Remarks
		Test Report		
RF Power Output	Section 22.913(a)(2)	Section 7.1	Passed	-
ERP / EIRP RF Power	Section 22.913(a)(2)	Section 7.2	Passed	-
Output				
Modulation Characteristics	-	-	-	-
Occupied Bandwidth	Section 22.917	Section 7.4	Not Tested	-
Spurious Emissions at	Section 22.917	Section 7.5	Not Tested	-
Antenna Terminals				
Band-Edge Emission	Section 22.917	Section 7.6	Not Tested	-
Field Strength of Spurious	Section 22.917	Section 7.7	Passed	-
Radiation				
Frequency Stability	Section 22.355	Section 7.8	Not Tested	-



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7.0.4 Reference Detail Section

Equipment Class	FCC ID	Test Report Title	Report Section
PCE	APYHRO00250	APYHRO00237_TestReport_KL80160046R	All sections
(GSM850)		(PCE)	applicable



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7.1 RF Power Output (§2.1046)								
For the requirements,	✓ - Applicable☐ - Not Applica		□ - Not tested by	y applicant request.]				
7.1.1 Test Results	7.1.1 Test Results							
For the standard,		\square - Failed	\square - Not judged					
Transmitter Power is		_	1548.8 mW	at <u>836.400</u> MHz				
Uncertainty of Measurement Results $\underline{\qquad \qquad \pm 0.9 \qquad } dB(2\sigma)$								
Remarks:								



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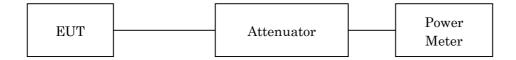
7.1.2 Test Instruments

Shielded Room S4								
Туре	Model	Serial No. (ID)	Manufacturer	Cal. Due				
Power Meter	N1911A	GB45100291 (B-63)	Agilent	2017/07/10				
Power Sensor	N1921A	US44510470 (B-64)	Agilent	2017/07/10				
Attenuator	43KC-20	1418003 (D-41)	Anritsu	2017/07/10				
RF Cable	SUCOFLEX102	14253/2 (C-52)	HUBER+SUHNER	2017/08/02				

NOTE: The calibration interval of the above test instruments is 12 months.

7.1.3 Test Method and Test Setup (Diagrammatic illustration)

The Conducted RF Power Output was measured with a power meter, one attenuator and a short, low loss cable.





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7.1.4 Test Data

(GSM850)

Test Date: May 16, 2017 Temp.: 25 °C, Humi: 43 %

Transmitting Frequency		Correction Factor	Meter Reading (Peak)	ding (Peak) Results (Peak)	
СН	[MHz]	[dB]	[dBm]	[dBm]	[mW]
189	836.400	20.25	11.65	31.90	1548.8

Calculated result at $836.400\,\mathrm{MHz}$, as the maximum level point shown on underline:

Correction Factor = 20.25 dB +) Meter Reading = 11.65 dBm Result = 31.90 dBm = 1548.8 mW

NOTE: The correction factor shows the attenuation pad loss including the short, low loss cable or adapter.



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7.2 ERP / EIRP RF Power Output

For the requirements,	☑ - Applicable □ - Not Applica		□ - Not tested by app			icant reque	st.]
7.2.1 Test Results							
For the standard,	☑ - Passed	\square - Failed	□ - Not j	udged			
Min. Limit Margin		_	9.6	_dB	at	848.800	MHz
Uncertainty of Measure				± 1.6	dB(2σ)		
Remarks: The maxim	um ERP is 0.776	S W at 848.800 I	MHz. X-axi	s positi	on.		

7.2.2 Test Instruments

Anechoic Chamber A2							
Type	Model	Serial No. (ID)	Manufacturer	Cal. Due			
Test Receiver	ESU 26	100170 (A-6)	Rohde & Schwarz	2018/02/28			
Signal Generator	E8257D	MY45140309 (B-39)	Agilent	2017/08/08			
Power Meter	N1911A	GB45100291 (B-63)	Agilent	2017/07/10			
Power Sensor	N1921A	US44510470 (B-64)	Agilent	2017/07/10			
Log-periodic Antenna	UHALP9108-A1	0694 (C-31)	Schwarzbeck	2017/05/18			
Attenuator (TX)	2-10	BA6214 (D-79)	Weinschel	2017/11/21			
Dipole Antenna (TX)	KBA-611	0-248-2 (C-20)	Kyoritsu	2017/05/24			

NOTE: The calibration interval of the above test instruments is 12 months.



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7.2.3 Test Method and Test Setup (Diagrammatic illustration)

Step 1:

In order to obtain the maximum emission, the EUT was placed at the height 1.5 m on the non-conducted support and was varying at three orthogonal axes, at the distance 3 m from the receiving antenna and rotated around 360 degrees.

The receiving antenna height was varied from 1 m to 4 m.

The EUT on the table was placed to be maximum emission against at the receiving antenna polarized (vertical and horizontal).

Then the meter reading of the spectrum analyzer at the maximum emission was A dB(μ V).

Step 2:

The EUT was replaced to substitution antenna at the same polarized under the same condition as step 1.

The RF power was fed to the transmitting antenna through the RF amplifier from the signal generator.

In order to obtain the maximum emission level, the height of the receiving antenna was varied from 1 m to 4 m.

The level of maximum emission was A $dB(\mu V)$, same as the recorded level in the step 1.

Then the RF power into the substitution horn antenna was P (dBm).

The ERP/EIRP output power was calculated in the following equation.

ERP (dBm) = P (dBm) - Balun loss of the tuned dipole antenna (dB) + Cable loss (dB)EIRP (dBm) = P (dBm) + Gh (dBi)

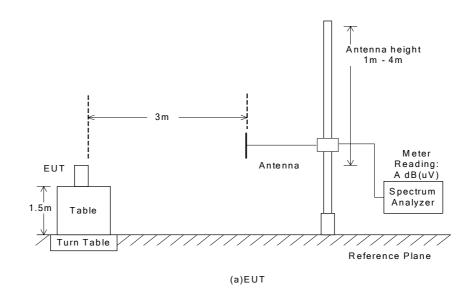
where, Gh (dBi): Gain of the substitution horn antenna.



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- Side View -



Antenna height Meter Reading : B dBm Signal Power Generator Meter 3 m $M\,eter$ Reading: A dB(uV) Tuned Dipole Antenna Antenna Spectrum Analyzer $1.5\,\mathrm{m}$ Turn Table Reference Plane

(b) Substitution Half-wave Dipole Antenna



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7.2.4 Test Data

(GSM850)

<u>Test Date: May 18, 2017</u> Temp.: 23 °C, Humi: 43 %

+ 9.6

1. Measurement Results

251

Trans mitting Frequency		Emission Measurement [dB(uV)]		Substitution Measurement [dB(uV)]		Supplied Power to Substitution Antenna	Balun Loss of Substitution Antenna	
СН	[MHz]	Hori. (Mh)	Vert. (Mv)	Hori. (Msh)	Vert. (Msv)	[dBm]	[dB]	
251	848.800	102.6	100.1	66.8	64.8	- 5.0	1.9	
2. Calculation Results								
Transmi CH	tting Frequency [MHz]	Peak ER Hori. (ERPh)	P [dBm] Vert. (ERPv)		Peak ERP V]	Limits [dB m]	Margin [dB]	

0.776

38.5

Calculated result at $848.800\,\mathrm{MHz},$ as the worst point shown on underline:

28.9

28.4

Emission Measurment (Mh) = 102.6 dB(uV)

Substitution Measurement (Msh) = -66.8 dB(uV)

Supplied Power to Substitution Antenna = -5.0 dBm

+) Balun Loss of Substitution Antenna = -1.9 dB

Result (ERPh) = 28.9 dBm = 0.776 W

Minimum Margin: 38.5 - 28.9 = 9.6 (dB)

848.800

NOTE: Setting of measuring instrument(s):

Detector Function	Resolution B.W.	V.B.W.	Sweep Time
Peak	1 MHz	3 MHz	AUTO



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7.3	7.3 Modulation Characteristics (§2.1047)						
For	the requirements,	□ - Applicable ☑ - Not Applica		□ - Not tested by	applicant request.]		
7.4	Occupied Bandwidtl	n (§2.1049)					
For	the requirements,	☑ - Applicable □ - Not Applica		☑ - Not tested by	applicant request.]		
7.5	Spurious Emissions	at Antenna Tern	ninals (§2.1051	1)			
For	the requirements,	☑ - Applicable □ - Not Applica		☑ - Not tested by	applicant request.]		
7.6	Band-Edge Emission	n (§2.1051)					
For	the requirements,	☑ - Applicable □ - Not Applica		☑ - Not tested by	applicant request.]		
7.7	Field Strength of Sp	ourious Radiation	(§2.1053)				
For	the requirements,	☑ - Applicable ☐ - Not Applica		\square - Not tested by	applicant request.]		
7.7.1	Test Results						
For	the standard,	☑ - Passed	\square - Failed	\square - Not judged			
Min	. Limit Margin		_	>29.5 dB	at <u>8488.0</u> MHz		
Unc	ertainty of Measure	ement Results		30 MHz – 1000 MH 1 GHz – 18 GH			
Ren	narks:						



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7.7.2 Test Instruments

Anechoic Chamber A2					
Туре	Model	Serial No. (ID)	Manufacturer	Cal. Due	
Test Receiver	ESU 26	100170 (A-6)	Rohde & Schwarz	2018/02/28	
Signal Generator	E8257D	MY45140309 (B-39)	Agilent	2017/08/08	
Power Meter	N1911A	GB45100291 (B-63)	Agilent	2017/07/10	
Power Sensor	N1921A	US44510470 (B-64)	Agilent	2017/07/10	
Biconical Antenna	VHA9103/BBA9106	2355 (C-30)	Schwarzbeck	2017/05/18	
Log-periodic Antenna	UHALP9108-A1	0694 (C-31)	Schwarzbeck	2017/05/18	
Dipole Antenna (TX)	KBA-511A	0-273-2 (C-17)	Kyoritsu	2017/05/24	
Dipole Antenna (TX)	KBA-611	0-248-2 (C-20)	Kyoritsu	2017/05/24	
RF Cable	S 10162 B-11 etc.	(H-4)	HUBER+SUHNER	2018/04/02	
Pre-Amplifier	TPA0118-36	1010 (A-37)	TOYO	2018/05/14	
Horn Antenna	91888-2	562 (C-41-1)	EATON	2017/06/12	
Horn Antenna	91889-2	568 (C-41-2)	EATON	2017/06/12	
Horn Antenna	3160-04	9903-1053 (C-55)	EMCO	2017/06/13	
Horn Antenna	3160-05	9902-1061 (C-56)	EMCO	2017/06/13	
Horn Antenna	3160-06	9712-1045 (C-57)	EMCO	2017/06/13	
Horn Antenna	3160-07	9902-1113 (C-58)	EMCO	2017/06/13	
Attenuator	2-10	AW7937 (D-40)	Weinschel	2017/10/24	
Attenuator	54A-10	W5713 (D-29)	Weinschel	2017/08/02	
Attenuator	2-10	BA6214 (D-79)	Weinschel	2017/11/21	
RF Cable	SUCOFLEX102E	6683/2E (C-70)	HUBER+SUHNER	2017/11/21	
RF Cable	SUCOFLEX104	267479/4 (C-66)	HUBER+SUHNER	2018/01/10	
RF Cable	SUCOFLEX104	267414/4 (C-67)	HUBER+SUHNER	2018/01/10	
High Pass Filter	HPM50108	010 (D-94)	MICRO-TRONICS	2018/02/14	

NOTE: The calibration interval of the above test instruments is 12 months.



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7.7.3 Test Method and Test Setup (Diagrammatic illustration)

Step 1) The spurious radiation for transmitter were measured at the distance 3 m away from the EUT which was placed on a non-conducted support 0.8 m in height and was varying at three orthogonal axes. The receiving antenna was oriented for vertical polarization and varied from 1 m to 4 m until the maximum emission level was detected on the measuring instrument. The EUT was rotated 360 degrees until the maximum emission was received. The measurement was also repeated with the receiving antenna in the horizontal polarization.

This test was carried out using the half-wave dipole antenna for up to 1GHz and using the horn antenna for above 1 GHz.

Step 2)

A) Up to 1 GHz

The ERP measurement was carried out with according to Step 2 in Clause 7.2.3. Then the RF power in the substitution antenna half-wave dipole antenna for up to 1 GHz and the substitution horn antenna for above 1 GHz.

The ERP is calculated in the following equation.

ERP(dBm) = P(dBm) - (Balun Loss of the half-wave dipole Ant. (dB)) + Cable Loss (dB)

B) Above 1 GHz

The ERP is calculated from the maximum emission level by the following formula.

$$\frac{e^2}{120\pi} = \frac{eirp}{4\pi d^2} \quad \cdots \text{(Eq. 1)}$$

$$erp = eirp - Gd \cdots (Eq.2)$$

Where, e[V/m]:: Field Strength at measuring distance(d=3m)

eirp[W]: Equivalent Isotropic Radiated Power

erp[W]: Effective Radiated Power

Gd(dBi): Gain of the substitution half-wave dipole antenna(2.15dBi)

$$eirp = \frac{(de)^2}{30} = \frac{3}{10}e^2$$

$$\therefore 10\log(eirp) = 20\log(e) + 10\log(3/10) = 20\log(e) - 5.23$$

$$10\log(eirp) = EIRP[dBm] - 30$$

$$20\log(e) = E[dB(\mu V / m)] - 120$$

∴
$$EIRP = E - 120 + 30 - 5.23 = E - 95.23$$

∴ $ERP[dBm] = EIRP - 2.15 = E - 97.38$

The respective calculated ERP of the spurious and harmonics were compared with the ERP of fundamental frequency by specified attenuation limits, 43+10log₁₀ (TP in watt)[dB]. Where, TP =

Transmitter power at the ANT OUT under test configuration as the hands free unit used.

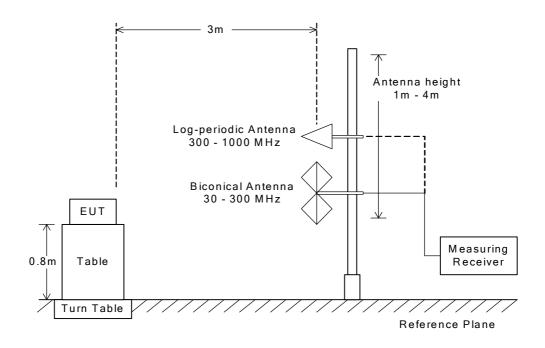


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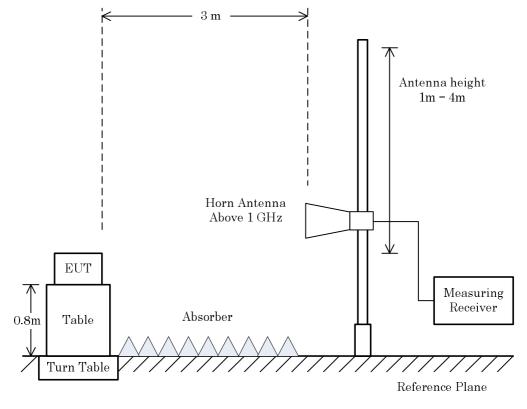
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Radiated Emission 30 MHz to 1000 MHz



Radiated Emission above 1 GHz



NOTE

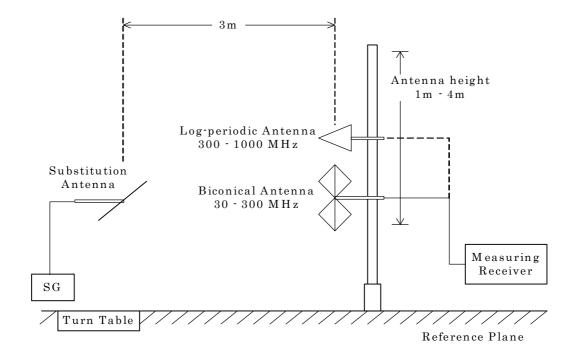
The antenna height is scanned depending on the EUT's size and mounting height.



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Radiated Emission 30 to 1000 MHz - Substitution Method





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7.7.4 Test Data

(GSM850)

Test Date: May 18, 2017 Temp.: 23 °C, Humi: 43 % Test Date: May 22, 2017 Temp.: 25 °C, Humi: 47 %

Test Configuration: Single Unit

,	Frans mitting Frequency	Measured Frequency		ERP [dBm]	Limits [dBm]	Margin [dB]	Remarks
СН	[MHz]	[MHz]	Hori.	Vert.			
251	848.800	1697.600	-52.8	-53.7	-13.0	+39.8	С
		2546.400	-50.0	-49.9	-13.0	+36.9	С
		3395.200	< -54.7	< -54.7	-13.0	> +41.7	С
		4244.000	< -48.8	< -48.8	-13.0	> +35.8	С
		5092.800	< -47.6	< -47.6	-13.0	> +34.6	С
		5941.600	< -45.0	< -45.0	-13.0	> +32.0	С
		6790.400	< -45.2	< -45.2	-13.0	> +32.2	С
		7639.200	< -45.8	< -45.8	-13.0	> +32.8	С
		8488.000	< -42.5	< -42.5	-13.0	> +29.5	C

Calculated result at 8488.0 MHz, as the worst point shown on underline: Minimum Margin: -13.0 - (<-42.5) = >29.5 (dB)

NOTES

- 1. Test Distance: 3 m
- 2. The spectrum was checked from 30 MHz to the tenth harmonic of the highest fundamental frequency.
- 3. All emissions not reported were more than 20 dB below the applied limits.
- 4. Applied limits : -13.0 [dBm] = $10\log(\text{TP[mW]})$ $(43 + 10\log(\text{tp[W]}))$ = $10\log(\text{TP[mW]})$ $(43 + (10\log(\text{TP[mW]}))$ $(43 + (10\log(\text{TP[mW]})))$ $(43 + (10\log(\text{TP[mW]}))$ $(43 + (10\log(\text{TP[mW]}))$ $(43 + (10\log(\text{TP[mW]})))$ $(43 + (10\log(\text{TP[mW]})))$
- 5. The symbol of "<" means "or less".
- 6. The symbol of ">" means "more than".
- 7. Setting of measuring instrument(s):

	Detector Function	RES B.W.	V.B.W.	Sweep Time
A	Peak	$10\mathrm{kHz}$	$30~\mathrm{kHz}$	20 msec.
В	Peak	$100\mathrm{kHz}$	$300\mathrm{kHz}$	20 msec.
C	Peak	$1\mathrm{MHz}$	$3\mathrm{MHz}$	20 msec.

7.8 Frequency Stability (§2.1055)

For the requirements, $\ \ \, \boxdot$ - Applicable $\ \ \, \Box$ - Tested. $\ \ \, \boxdot$ - Not tested by applicant request. $\ \ \, \Box$ - Not Applicable