

FCC Test Report

FCC ID : YUW-301F

Equipment: Mobile Phone

Model No. : 301F

Brand Name : FUJITSU

Applicant : Fujitsu Mobile Communications Ltd.

Address : 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Kawasaki 211-8588, Japan

Standard : 47 CFR FCC Part 24 Subpart E

Received Date : Sep. 13, 2013

Tested Date : Sep. 24 ~ Sep. 25, 2013

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:

Gary Chang / Manager√

ilac-MRA



Report No.: FG391306 Page: 1 of 28



Table of Contents

1	GENERAL DESCRIPTION	5
1.1	Information	5
1.2	Local Support Equipment List	7
1.3	Test Setup Chart	7
1.4	The Equipment List	8
1.5	Test Standards	9
1.6	Measurement Uncertainty	g
2	TEST CONFIGURATION	10
2.1	Testing Condition and Location Information	10
2.2	The Worst Test Modes and Channel Details	10
3	TEST RESULTS	11
3.1	Equivalent Isotropically Radiated Power	11
3.2	Radiated Emissions	14
3.3	Conducted Emissions	18
3.4	Band Edge	20
3.5	Occupied Bandwidth	22
3.6	Peak to Average Ratio	24
3.7	Frequency Stability	26
4	TEST LABORATORY INFORMATION	28



Release Record

Report No.	Version	Description	Issued Date
FG391306	Rev. 01	Initial issue	Nov. 01, 2013

Report No.: FG391306 Page: 3 of 28



Summary of Test Results

FCC Rules	Test Items	Measured	Result
2.1046 / 24.232(c)	Equivalent Isotropically Radiated Power	Power[dBm]: 31.33	Pass
2.1053 / 24.238(a)	Radiated Emissions	Meet the requirement of limit	Pass
2.1051 / 24.238(a)	Conducted Emissions	Meet the requirement of limit	Pass
2.1051 / 24.238(a)	Band Edge	Meet the requirement of limit	Pass
2.1049 / 24.238(a)	Occupied Bandwidth	Meet the requirement of limit	Pass
24.232(d)	Peak to average ratio	Meet the requirement of limit	Pass
2.1055 / 24.235	Frequency Stability	Meet the requirement of limit	Pass

Report No.: FG391306 Page: 4 of 28



1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

Operating band(MHz)	GSM: 1850.2-1909.8
Modulation	GSM / GPRS: GMSK
Multislot class	33
IMEI Code	357613050017374 & 357613050017366
H/W Version	V2.1.0
S/W Version	R25.1e

1.1.2 Maximum ERP, Frequency Tolerance and Emission Designator

System	Modulation	Maximum EIRP(W)	Frequency Tolerance (ppm)	Emission Designator
GSM 1900	GMSK	1.358	0.012	247KGXW

1.1.3 Antenna Details

Ant. No.	Туре	Gain (dBi)	Connector	Remark
1	λ/4 Monopole	1.5		

1.1.4 EUT Operational Condition

Supply Voltage		⊠ DC	
Type of DC Source	☐ Internal DC supply		Battery
Operational Voltage			∨min (3.51 V)

Report No.: FG391306 Page : 5 of 28



1.1.5 Accessories

	Accessories						
No.	Equipment	Description					
		Brand Name: Fujitsu limited					
1	Battery	Model Name: CA54310-0053					
		Power Rating: O/P: 3.75Vdc, 2600mA					
		Brand Name: SOFTBANK MOBILE Corp.					
2	Cradle	Model Name: CA50601-1881					
		Power Rating: O/P: 12.0Vdc, 1.5A					
		Brand Name: SOFTBANK MOBILE Corp.					
		Model Name: TA08017-B330					
3	Adapter for cradle	I/P: 100-240Vac, 1000mA					
		O/P: 12.0Vdc, 3000mA DC 1.1m non-shielded cable with one core					
		AC 0.9m non-shielded cable without core					

1.1.6 Operating Channel List

GSM & GPRS					
Channel Frequency (MHz)					
Low	512	1850.2			
Middle	661	1880.0			
High	810	1909.8			

Report No.: FG391306 Page: 6 of 28

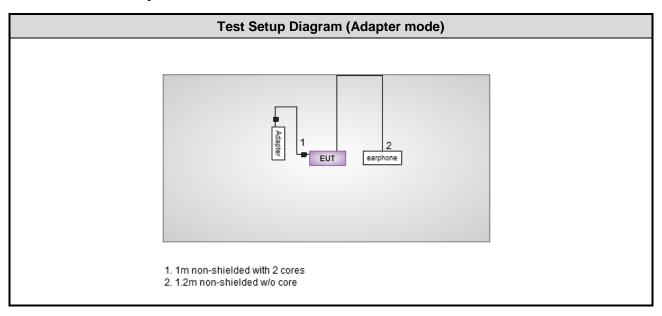


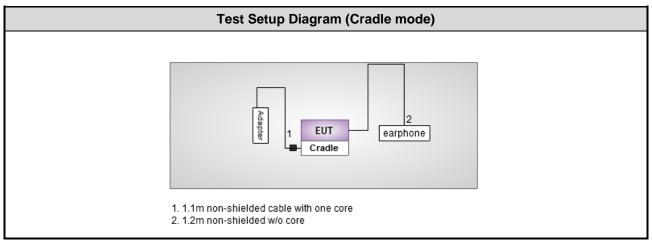
1.2 Local Support Equipment List

	Support Equipment List								
No.	Equipment	Brand	Model	S/N	FCC ID	Signal cable / Length (m)			
1	Adapter	NTT docomo	AC Adaptor 04			1m non-shielded with 2 cores			
2	Earphone	Apple	MD827FE/A			1.2m non-shielded w/o core			

Note: Item 1 was provided by client.

1.3 Test Setup Chart





Report No.: FG391306 Page: 7 of 28



1.4 The Equipment List

Test Item	Radiated Emission							
Test Site	966 chamber1 / (03CH01-WS)							
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until			
3m semi-anechoic chamber	CHAMPRO	SAC-03	03CH01-WS	Jan. 04, 2013	Jan. 03, 2014			
Spectrum Analyzer	R&S	FSV40	101498	Jan. 24, 2013	Jan. 23, 2014			
Receiver	R&S	ESR3	101658	Jan. 28, 2013	Jan. 27, 2014			
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jan. 11, 2013	Jan. 10, 2014			
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Feb. 18, 2013	Feb. 17, 2014			
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Jan. 14, 2013	Jan. 13, 2014			
Amplifier	Burgeon	BPA-530	100219	Nov. 28, 2012	Nov. 27, 2013			
Amplifier	Agilent	83017A	MY39501308	Dec. 18, 2012	Dec. 17, 2013			
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Dec. 25, 2012	Dec. 24, 2013			
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Dec. 25, 2012	Dec. 24, 2013			
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16139/4	Dec. 25, 2012	Dec. 24, 2013			
RF Cable-R03m	Woken	CFD400NL-LW	CFD400NL-001	Dec. 25, 2012	Dec. 24, 2013			
RF Cable-R10m	Woken	CFD400NL-LW	CFD400NL-002	Dec. 25, 2012	Dec. 24, 2013			
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	Mar. 13, 2013	Mar. 12, 2014			
control	EM Electronics	EM1000	60612	N/A	N/A			

Loop Antenna	R&S	HFH2-Z2	100330	Nov. 15, 2012	Nov. 14, 2014		
Amplifier	MITEQ	AMF-6F-260400	9121372	Apr. 19, 2013	Apr. 18, 2015		
Note: Calibration Interval of instruments listed above is two year.							

Test Item	RF Conducted	RF Conducted								
Test Site	(TH01-WS)									
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until					
Spectrum Analyzer	R&S	FSV 40	101063	Feb. 18, 2013	Feb. 17, 2014					
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	Nov. 29, 2012	Nov. 28, 2013					
Signal Generator	R&S	SMB100A	175727	Jan. 14, 2013	Jan. 13, 2014					
Radio Communication Analyzer	Anritsu	MT8820C	6201240341	Mar. 13, 2013	Mar. 12, 2014					
Note: Calibration Inter	val of instruments listed	d above is one year.								

Report No.: FG391306 Page: 8 of 28



1.5 Test Standards

According to the specification of EUT, the EUT must comply with following standards.

47 CFR FCC Part 24 Subpart E ANSI C63.43-2003 ANSI / TIA / EIA-603-C -2004

Note: The EUT has been tested and complied with FCC part 15B requirement. FCC Part 15B test results are issued to another report.

1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Measurement Uncertainty							
Parameters	Uncertainty						
Bandwidth	±40.246 Hz						
Conducted power	±0.552 dB						
Frequency error	±40.246 Hz						
Temperature	±0.3 °C						
Conducted emission	±2.946 dB						
AC conducted emission	±2.43 dB						
Radiated emission	±2.49 dB						

Report No.: FG391306 Page: 9 of 28



2 Test Configuration

2.1 Testing Condition and Location Information

Test Item	Test Site	Ambient Condition	Tested By
RF conducted	TH01-WS	22°C / 63%	Brad Wu
Radiated Emissions	03CH01-WS	24°C / 64%	Haru Yang

FCC site registration No.: 657002IC site registration No.: 10807A-1

2.2 The Worst Test Modes and Channel Details

Test item	Mode	Test Channel	Test Configuration
E.I.R.P	GSM	512, 661, 810	1
Radiated Emissions < 1GHz	GSM	661	1, 2
Radiated Emissions > 1GHz	GSM	512, 661, 810	1
Conducted Emissions	GSM	512, 661, 810	1
Band Edge	GSM	512, 810	1
Occupied Bandwidth	GSM	512, 661, 810	1
Frequency Stability	GSM	661	1

NOTE:

- 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement X, Y, and Z-plane. The **Z-plane** results were found as the worst case and were shown in this report.
- 2. The EUT had been tested by following test configurations for radiated emission below 1GHz.
 - 1) Configuration 1 : Adapter mode
 - 2) Configuration 2 : Cradle mode
- 3. Adapter and cradle mode had been pretested for radiated emission above 1GHz and found that the adapter mode was the worst case and was selected for final test.

Report No.: FG391306 Page: 10 of 28



3 Test Results

3.1 Equivalent Isotropically Radiated Power

3.1.1 Limit of Equivalent Isotropically Radiated Power

Mobile and portable stations are limited to 2 watts EIRP.

3.1.2 Test Procedures

- 1. The EUT links up with simulator and is set to maximum output power level at low / middel / high channel. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
- 2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
- 3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.
- 4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
- 5. E.I.R.P = output power of step 4 + gain of substitution antenna cable loss of RF cable.

For Conducted power measurement

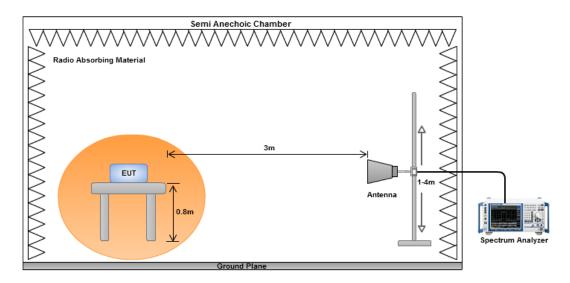
- 1. The EUT links up with simulator and is set to maximum output power level at low / middel / high channel.
- 2. Measure the output power of low / middle / high channel of the EUT

Report No.: FG391306 Page: 11 of 28

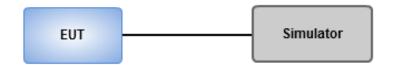


3.1.3 Test Setup

Equivalent Isotropically Radiated Power Measurement



Conducted Power Measurement



Report No.: FG391306 Page: 12 of 28



3.1.4 Test Result of Conducted Power (dBm)

Band	GSM1900					
Channel	512	661	810			
Frequency (MHz)	1850.2	1880	1909.8			
GSM	30.86	30.72	30.98			
GPRS 8 (GMSK, 1 slot)	30.76	30.70	30.97			
GPRS 10 (GMSK, 2 slots)	27.70	27.66	27.95			
GPRS 11 (GMSK, 3 slots)	26.01	25.94	26.12			
GPRS 12 (GMSK, 4 slots)	24.76	24.71	24.85			

3.1.5 Test Result of Equivalent Isotropically Radiated Power (dBm)

Mode	GSM							
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)	
512	1850.2	29.91	33	-3.09	-11.25	25.29	4.62	
661	1880.0	29.57	33	-3.43	-12.03	25.01	4.56	
810	1909.8	31.33	33	-1.67	-10.21	26.83	4.50	

Note: EIRP = S.G Power value + Correction factor

Report No.: FG391306 Page: 13 of 28



3.2 Radiated Emissions

3.2.1 Limit of Radiated Emissions

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

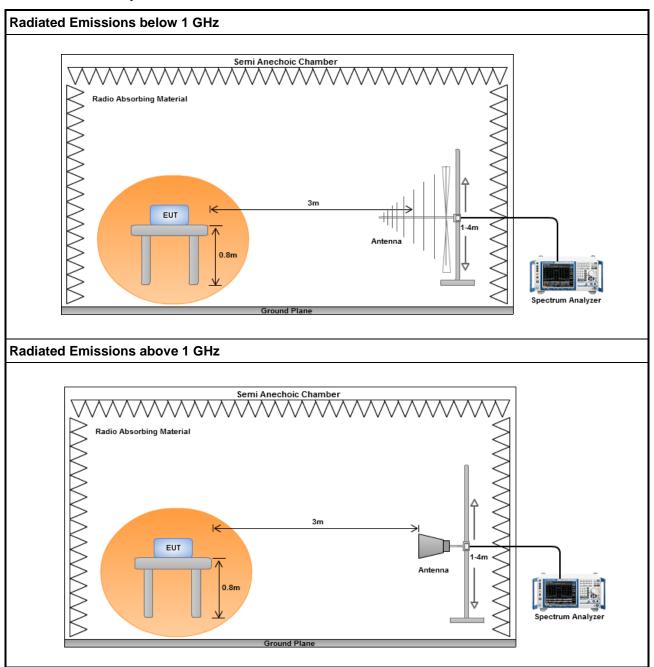
3.2.2 Test Procedures

- 1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
- 2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
- 3. This investigation is performed with the EUT rotated 360°, 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.
- 4. After finding the max radiated emission, substitution method will be used for getting effective radiated power. EUT will be removed and substitution antenna will be placed at same position. Signal generator will output CW signal to substitution antenna through a RF cable. Rotate turntable and move antenna to find maximum radiated emission. Adjust output power of signal generator to let the maximum radiated emission is same as step 3. Record the output power level.
- 5. E.I.R.P = output power of step 4 + gain of substitution antenna cable loss of RF cable.

Report No.: FG391306 Page: 14 of 28



3.2.3 Test Setup



Report No.: FG391306 Page: 15 of 28



3.2.4 Test Result of Radiated Emissions below 1GHz

Mode	GSM, Channel : 810 (Adapter mode)							
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)	
167.74	Н	-54.63	-13	-41.63	-46.19	-56.51	1.88	
233.7	Н	-59.83	-13	-46.83	-49.9	-65.54	5.71	
307.42	Н	-59.07	-13	-46.07	-51.69	-64.64	5.57	
363.68	Н	-58.73	-13	-45.73	-51.85	-64.27	5.54	
592.6	Н	-61.4	-13	-48.4	-58.64	-65.8	4.4	
701.24	Н	-59.55	-13	-46.55	-58.17	-63.8	4.25	
95.96	V	-42.12	-13	-29.12	-32.7	-42.59	0.47	
165.8	V	-52.5	-13	-39.5	-49.81	-54.09	1.59	
261.83	V	-43.44	-13	-30.44	-36.07	-49.03	5.59	
411.21	V	-47.94	-13	-34.94	-44.46	-53.31	5.37	
508.21	V	-46.69	-13	-33.69	-44.64	-51.83	5.14	
801.15	V	-55.76	-13	-42.76	-57.41	-59.6	3.84	

Note: EIRP = S.G Power value + Correction factor

Mode	GSM, Chann	GSM, Channel : 810 (Cradle mode)							
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)		
38.73	Н	-52.15	-13	-39.15	-48.41	-40.53	-11.62		
88.2	Н	-43.45	-13	-30.45	-30.36	-43.69	0.24		
164.83	Н	-53.66	-13	-40.66	-45.37	-55.1	1.44		
232.73	Н	-58.14	-13	-45.14	-48.16	-63.86	5.72		
363.68	Н	-57.76	-13	-44.76	-50.88	-63.3	5.54		
701.24	Н	-58.97	-13	-45.97	-57.59	-63.22	4.25		
39.7	V	-44.62	-13	-31.62	-36.09	-33.07	-11.55		
87.23	V	-36.23	-13	-23.23	-25.76	-36.39	0.16		
107.6	V	-47.23	-13	-34.23	-39.24	-47.58	0.35		
390.84	V	-49.11	-13	-36.11	-44.97	-54.6	5.49		
634.31	V	-51.66	-13	-38.66	-51.44	-55.97	4.31		
801.15	V	-55.04	-13	-42.04	-56.69	-58.88	3.84		

Note: EIRP = S.G Power value + Correction factor

Report No.: FG391306 Page: 16 of 28



3.2.5 Test Result of Radiated Emissions above 1GHz

Mode	GSM , Channel : 512								
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)		
3700.40	Н	-45.06	-13	-32.06	-57.12	-50.38	5.32		
5550.60	Н	-42.69	-13	-29.69	-60.63	-47.21	4.52		
7400.80	Н	-29.87	-13	-16.87	-51.87	-32.67	2.80		
3700.40	V	-34.22	-13	-21.22	-46.36	-39.54	5.32		
5550.60	V	-34.2	-13	-21.2	-50.9	-38.72	4.52		
7400.80	V	-28.59	-13	-15.59	-48.37	-31.39	2.80		

Mode	GSM , Channel : 661								
Frequency (MHz)	Antenna Polarity	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)		
3760.00	Н	-45.03	-13	-32.03	-57.49	-50.28	5.25		
5640.00	Н	-43.49	-13	-30.49	-61.4	-47.85	4.36		
7520.00	Н	-30.72	-13	-17.72	-52.09	-33.26	2.54		
3760.00	V	-34.55	-13	-21.55	-46.89	-39.8	5.25		
5640.00	V	-34.71	-13	-21.71	-51.64	-39.07	4.36		
7520.00	V	-28.76	-13	-15.76	-48.12	-31.3	2.54		

Mode	GSM , Channel : 810								
Frequency (MHz)	Antenna Polarity.	E.I.R.P (dBm)	Limit (dBm)	Margin (dB)	S.A Reading (dBm)	S.G Power Vaule (dBm)	Correction Factor (dB)		
3819.60	Н	-44.9	-13	-31.9	-57.66	-50.08	5.18		
5729.40	Н	-42.83	-13	-29.83	-60.98	-46.99	4.16		
7639.20	Н	-31.38	-13	-18.38	-52.28	-33.8	2.42		
3819.60	V	-34.77	-13	-21.77	-47.31	-39.95	5.18		
5729.40	V	-33.23	-13	-20.23	-50.44	-37.39	4.16		
7639.20	V	-29.06	-13	-16.06	-48.11	-31.48	2.42		

Note: EIRP = S.G Power value + Correction factor

Report No.: FG391306 Page: 17 of 28



3.3 Conducted Emissions

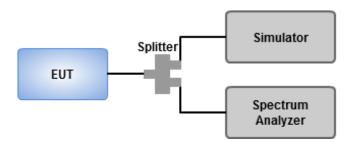
3.3.1 Limit of Conducted Emissions

The power of any emission outside of the authorized operating frequencyranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.3.2 Test Procedures

- 1. Lowest, middle and highest operating channels are tested for this item.
- 2. Scan frequency range is from 30MHz~19.1GHz.
- 3. Set RBW = 1MHz, VBW = 3MHz, detector = Peak, sweep time = auto.
- 4. Record the max trace value and capture the test plot of each sub frequency band.

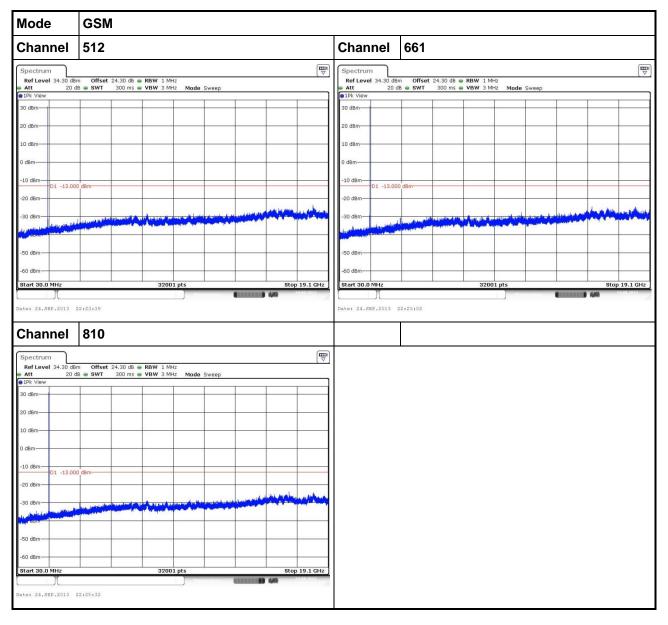
3.3.3 Test Setup



Report No.: FG391306 Page: 18 of 28



3.3.4 Test Result of Conducted Emissions



Report No.: FG391306 Page: 19 of 28



3.4 Band Edge

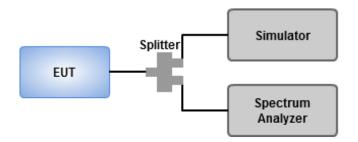
3.4.1 Limit of Band Edge

The power of any emission outside of the authorized operating frequencyranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.4.2 Test Procedures

- 1. Lowest and highest operating channels are tested for this item.
- 2. The center frequency of spectrum analyzer will be set to 1850 and 1910 MHz.
- 3. Set RBW =10kHz, VBW = 30 kHz, span = 1 MHz, detector = RMS, sweep time = auto.
- 4. Record the max trace value and capture the test plot.

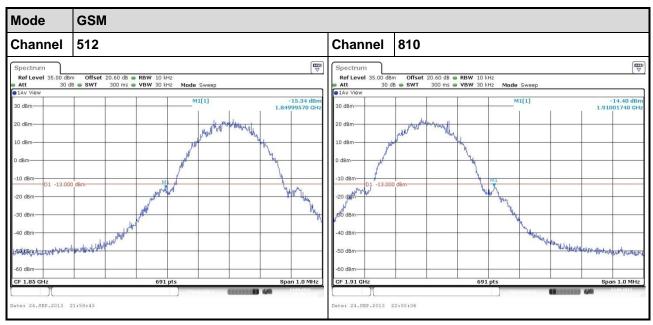
3.4.3 Test Setup



Report No.: FG391306 Page: 20 of 28



3.4.4 Test Result of Band Edge



Report No.: FG391306 Page: 21 of 28

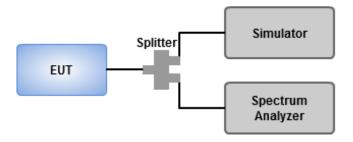


3.5 Occupied Bandwidth

3.5.1 Test Procedures

- 1. Set resolution bandwidth (RBW) = 10 kHz, Video bandwidth = 30kHz.
- 2. Detector = Sample, Trace mode = max hold.
- 3. Sweep = auto couple, Allow the trace to stabilize.
- 4. Using occupied bandwidth measurement function of spectrum analyzer to measure occupied bandwidth.

3.5.2 Test Setup

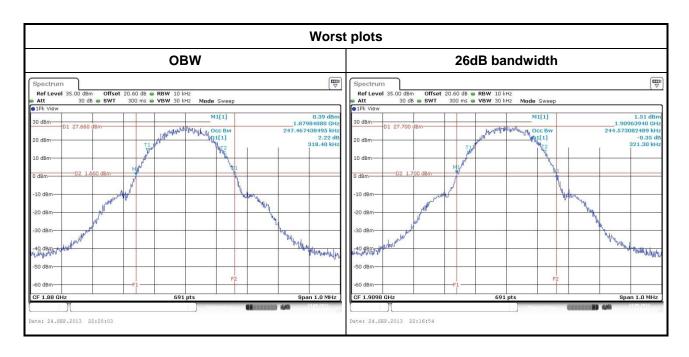


Report No.: FG391306 Page: 22 of 28



3.5.3 Test Result of Occupied Bandwidth

MODE	Channel	Frequency (MHz)	OBW (kHz)	26dB bandwidth(kHz)
GSM	512	1850.2	243.13	318.4
GSM	661	1880.0	247.47	318.4
GSM	810	1909.8	244.57	321.3



Report No.: FG391306 Page: 23 of 28



3.6 Peak to Average Ratio

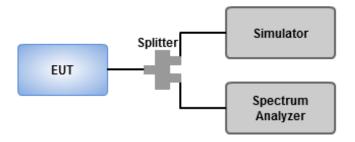
3.6.1 Limit of Peak to Average Ratio

Peak-to-average ratio (PAR) of the transmission may not exceed 13 dB

3.6.2 Test Procedures

- Set RBW=1MHz, RBW=3MHz, Peak detector in Trace 1
- 2. Set RBW=1MHz, RBW=3MHz, RMs detector in Trace 2
- 3. Trigger function is enabled for measuring singal at burst on time. Measure the difference between trace1 and trace 2.

3.6.3 Test Setup

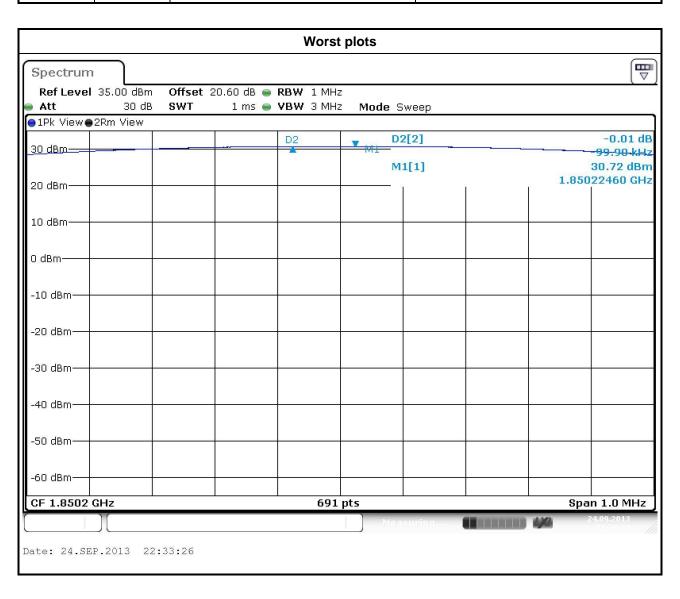


Report No.: FG391306 Page: 24 of 28



3.6.4 Test Result of Peak to Average ratio

MODE	Channel	Frequency (MHz)	Peak to Average ratio (dB)
GSM	512	1850.2	0.01
GSM	661	1880.0	0.01
GSM	810	1909.8	0.01



Report No.: FG391306 Page: 25 of 28



3.7 Frequency Stability

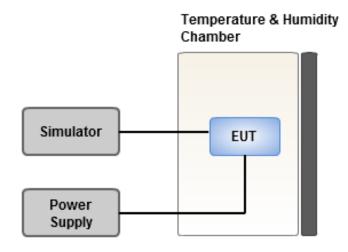
3.7.1 Limit of Frequency Stability

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

3.7.2 Test Procedures

- 1. EUT was placed at temperature chamber and connected to an external power supply.
- 2. Temperature and voltage condition shall be tested to confirm frequency stability.
- 3. Temperature range is from -30~55°C and voltage range is from lowest to highest working voltage.
- 4. Tem Link up EUT and simulator. Confirm frequency drift value of simulator and record it.

3.7.3 Test Setup



Report No.: FG391306 Page: 26 of 28



3.7.4 Test Result of Frequency Stability

Temperature (°C)	Voltage (dc)	Frequency Drift (ppm)	Limit (ppm)
55	3.9	0.003	2.5
50	3.9	0.004	2.5
40	3.9	0.005	2.5
30	3.9	0.006	2.5
20	3.9	0.007	2.5
10	3.9	0.009	2.5
0	3.9	0.010	2.5
-10	3.9	0.010	2.5
-20	3.9	0.011	2.5
-30	3.9	0.012	2.5
20	4.29	0.008	2.5
20	3.51	0.010	2.5

Report No.: FG391306 Page: 27 of 28



4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp, it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan Hsiang. Location map can be found on our website http://www.icertifi.com.tw.

Linkou Kwei Shan

Tel: 886-2-2601-1640 Tel: 886-3-271-8666

No. 30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei
City, Taiwan, R.O.C.

No. 3-1, Lane 6, Wen San 3rd St., Kwei Shan
Hsiang, Tao Yuan Hsien 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information

Tel: 886-3-271-8666 Fax: 886-3-318-0155

Email: ICC_Service@icertifi.com.tw

==END==

Report No.: FG391306 Page: 28 of 28