

FCC TEST REPORT (PART 22)

REPORT NO.: RF140306C19-5

MODEL NO.: 0P8B200

FCC ID: NM80P8B200

RECEIVED: Mar. 03, 2014

TESTED: Mar. 20, 2014 ~ Mar. 24, 2014

ISSUED: Apr. 15, 2014

APPLICANT: HTC Corporation

ADDRESS: 1F, 6-3 Baoqiang Road, Xindian District, New

Taipei City, Taiwan 231

ISSUED BY: Bureau Veritas Consumer Products Services

(H.K.) Ltd., Taoyuan Branch

LAB ADDRESS: No. 47, 14th Ling, Chia Pau Vil., Lin Kou Dist., New

Taipei City, Taiwan (R.O.C.)

TEST LOCATION: No. 19, Hwa Ya 2nd Rd, Wen Hwa Tsuen, Kwei

Shan Hsiang, Taoyuan Hsien 333, Taiwan, R.O.C.

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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF140306C19-5	Original release	Apr. 15, 2014

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1 CERTIFICATION

PRODUCT: Smartphone

MODEL: 0P8B200

BRAND: HTC

APPLICANT: HTC Corporation

TESTED: Mar. 20, 2014 ~ Mar. 24, 2014

TEST SAMPLE: Production Unit

STANDARDS: FCC PART 22, Subpart H

The above equipment (model: 0P8B200) has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch,** and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

PREPARED BY : , **DATE** : Apr. 15, 2014

Ivonne Wu / Supervisor

APPROVED BY : , DATE : Apr. 15, 2014

Sam Chen / Senior Project Engineer



2 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

	APPLIED STANDARD: FCC Part 22 & Part 2							
STANDARD SECTION	TEST TYPE	RESULT	REMARK					
2.1046 22.913 (a)	Effective Radiated Power	PASS	Meet the requirement of limit.					
2.1055 22.355	Frequency Stability		Meet the requirement of limit.					
2.1049	2.1049 Occupied Bandwidth		Meet the requirement of limit.					
22.917	2.917 Band Edge Measurements		Meet the requirement of limit.					
2.1051 22.917	Conducted Spurious Emissions	PASS	Meet the requirement of limit.					
2.1053 22.917	Radiated Spurious Emissions		Meet the requirement of limit. Minimum passing margin is -19.59dB at 2509.20MHz.					

2.1 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Conducted emissions	Conducted emissions 150kHz~30MHz	
	30MHz ~ 200MHz	2.93 dB
Radiated emissions	200MHz ~1000MHz	2.95 dB
Radiated emissions	1GHz ~ 18GHz	2.26 dB
	18GHz ~ 40GHz	1.94 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.



2.2 TEST SITE AND INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	DATE OF CALIBRATION	DUE DATE OF CALIBRATION
Test Receiver ROHDE & SCHWARZ	ESCI	100744	Apr. 15, 2013	Apr. 14, 2014
Spectrum Analyzer ROHDE & SCHWARZ	FSU43	101261	Dec. 21, 2013	Dec. 20, 2014
BILOG Antenna SCHWARZBECK	VULB9168	9168-472	Feb. 27. 2014	Feb. 26, 2015
HORN Antenna SCHWARZBECK	BBHA 9120 D	9120D-969	Feb. 19, 2014	Feb. 18, 2015
HORN Antenna SCHWARZBECK	BBHA 9170	9170-480	Dec. 18, 2013	Dec. 17, 2014
Preamplifier EMCI	EMC 012645	980115	Dec. 26, 2013	Dec. 25, 2014
Preamplifier EMCI	EMC 184045	980116	Jan. 13, 2014	Jan. 12, 2015
Preamplifier EMCI	EMC 330H	980112	Dec. 27, 2013	Dec. 26, 2014
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	309219/4 2950114	Oct. 18, 2013	Oct. 17, 2014
RF signal cable HUBER+SUHNNER	SUCOFLEX 104	250130/4	Oct. 18, 2013	Oct. 17, 2014
RF signal cable Worken	RG-213	NA	Nov. 07, 2013	Nov. 06, 2014
Software BV ADT	E3 6.120103	NA	NA	NA
Antenna Tower MF	MFA-440H	NA	NA	NA
Turn Table MF	MFT-201SS	NA	NA	NA
Antenna Tower &Turn Table Controller MF	MF-7802	NA	NA	NA
Mini-Circuits Power Splitter	ZN2PD-9G	NA	Jul. 18, 2013	Jul. 17, 2014
JFW 20dB attenuation	50HF-020-SMA	NA	NA	NA
Communications Tester-Wireless	E5515C	MY52102544	Sep. 05, 2012	Sep. 04, 2014
Radio Communication Analyzer	MT8820C	6201300640	Aug. 01, 2013	Jul. 31, 2014

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

- 2. The test was performed in HwaYa Chamber 10.
- 3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
- 4. The FCC Site Registration No. is 690701.
- 5. The IC Site Registration No. is IC 7450F-10.



3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

EUT	Smartphone			
MODEL NO.	0P8B200			
POWER SUPPLY	5.0Vdc (adapter or host equipment) 3.8Vdc (battery)			
	GSM/GPRS	GMSK		
MODULATION TYPE	EDGE	GMSK, 8PSK		
	WCDMA	BPSK		
FREQUENCY RANGE	GSM/GPRS/EDGE	824.2MHz ~ 848.8MHz		
FREQUENCT RANGE	WCDMA	826.4MHz ~ 846.6MHz		
	GSM	626.61mW		
MAX. ERP POWER	EDGE	134.28mW		
	WCDMA	71.29mW		
	GSM	247KGXW		
EMISSION DESIGNATOR	EDGE	246KG7W		
	WCDMA	4M17F9W		
ANTENNA TYPE	Fixed Internal Antenna			
I/O PORTS	Refer to users' manual			
DATA CABLE	Refer to NOTE as below			
ACCESSORY DEVICES	Refer to NOTE as below			

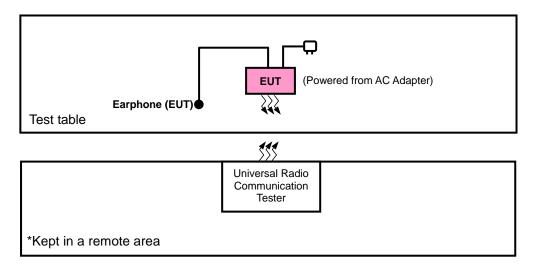
NOTE:

- 1. The EUT's accessories list refers to Ext. Pho.
- 2. The above EUT information was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or User's Manual.

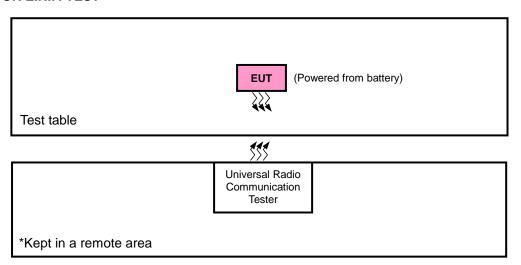


3.2 CONFIGURATION OF SYSTEM UNDER TEST

FOR RADIATION EMISSION TEST



FOR E.R.P. TEST



3.3 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units.



3.4 TEST ITEM AND TEST CONFIGURATION

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports. The worst case was found when positioned on X-plane for ERP and X-axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

GSM MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
-	ERP	128 to 251	128, 189, 251	GSM, EDGE
-	- FREQUENCY STABILITY		189	GSM, EDGE
-	- OCCUPIED BANDWIDTH		128, 189, 251	GSM, EDGE
-	- BAND EDGE		128, 251	GSM, EDGE
-	- CONDCUDETED EMISSION		189	GSM, EDGE
-	- RADIATED EMISSION		189	GSM, EDGE

WCDMA MODE

EUT CONFIGURE MODE	TEST ITEM	AVAILABLE CHANNEL	TESTED CHANNEL	MODE
-	ERP	4132 to 4233	4132, 4182, 4233	WCDMA
-	FREQUENCY STABILITY	4132 to 4233	4182	WCDMA
-	OCCUPIED BANDWIDTH	4132 to 4233	4132, 4182, 4233	WCDMA
-	BAND EDGE	4132 to 4233	4132, 4233	WCDMA
-	CONDCUDETED EMISSION	4132 to 4233	4182	WCDMA
-	RADIATED EMISSION	4132 to 4233	4182	WCDMA

TEST CONDITION:

TEST ITEM	ENVIRONMENTAL CONDITIONS	INPUT POWER	TESTED BY
ERP	26deg. C, 58%RH	3.8Vdc	Howard Kao
FREQUENCY STABILITY	26deg. C, 58%RH	3.8Vdc	Howard Kao
OCCUPIED BANDWIDTH	26deg. C, 58%RH	3.8Vdc	Howard Kao
BAND EDGE	26deg. C, 58%RH	3.8Vdc	Howard Kao
CONDCUDETED EMISSION	26deg. C, 58%RH	3.8Vdc	Howard Kao
RADIATED EMISSION	25deg. C, 65%RH	120Vac, 60Hz	Anson Lin



3.5 EUT OPERATING CONDITIONS

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency

3.6 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC 47 CFR Part 2 FCC 47 CFR Part 22 ANSI/TIA/EIA-603-C 2004

NOTE: All test items have been performed and recorded as per the above standards.



4 TEST TYPES AND RESULTS

4.1 OUTPUT POWER MEASUREMENT

4.1.1 LIMITS OF OUTPUT POWER MEASUREMENT

Mobile / Portable station are limited to 7 watts e.r.p.

4.1.2 TEST PROCEDURES

EIRP / ERP MEASUREMENT:

- a. All measurements were done at low, middle and high operational frequency range. RBW and VBW is 1MHz for GSM, GPRS & EDGE, and 5MHz for WCDMA mode.
- b. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a tx cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step b. Record the power level of S.G
- d. EIRP = Output power level of S.G TX cable loss + Antenna gain of substitution horn. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power 2.15dBi.

CONDUCTED POWER MEASUREMENT:

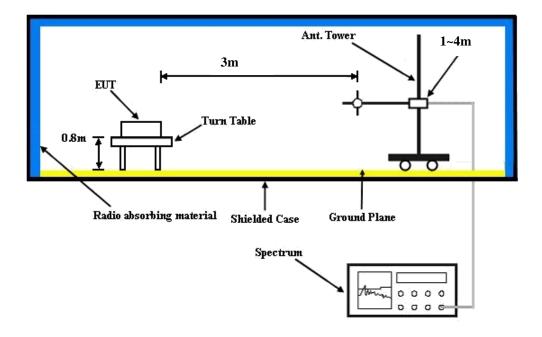
The EUT was set up for the maximum power with GSM, GPRS, EDGE, and WCDMA link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and record the power level shown on simulator.

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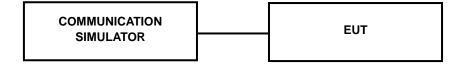


4.1.3 TEST SETUP

EIRP / ERP MEASUREMENT:



CONDUCTED POWER MEASUREMENT:





4.1.4 TEST RESULTS

CONDUCTED OUTPUT POWER (dBm)

Band	GSM850			
Channel	128	189	251	
Frequency (MHz)	824.2	836.4	848.8	
GSM (1 Uplink)	33.35	33.29	33.16	
GPRS 8 (GMSK, 1 slot)	33.32	33.26	33.13	
GPRS 10 (GMSK, 2 slot)	31.61	31.55	31.42	
GPRS 11 (GMSK, 3 slot)	30.30	30.24	30.11	
GPRS 12 (GMSK, 4 slot)	29.13	29.07	28.94	
EDGE 8 (GMSK, 1 Uplink)	33.27	33.21	33.08	
EDGE 10 (GMSK, 2 Uplink)	31.60	31.54	31.41	
EDGE 11 (GMSK, 3 Uplink)	30.35	30.29	30.16	
EDGE 12 (GMSK, 4 Uplink)	29.12	29.06	28.93	
EDGE 8 (8PSK, 1 Uplink)	26.97	26.91	26.78	
EDGE 10 (8PSK, 2 Uplink)	26.89	26.83	26.70	
EDGE 11 (8PSK, 3 Uplink)	26.77	26.71	26.58	
EDGE 12 (8PSK, 4 Uplink)	25.07	25.01	24.88	

Band	WCDMA V			
Channel	4132	4182	4233	
Frequency (MHz)	826.4	836.4	846.6	
RMC 12.2K	23.87	23.94	23.80	
HSDPA Subtest-1	22.91	22.98	22.84	
HSDPA Subtest-2	22.90	22.97	22.83	
HSDPA Subtest-3	22.41	22.48	22.34	
HSDPA Subtest-4	22.37	22.44	22.30	
HSUPA Subtest-1	22.59	22.66	22.52	
HSUPA Subtest-2	21.33	21.40	21.26	
HSUPA Subtest-3	21.67	21.74	21.60	
HSUPA Subtest-4	21.54	21.61	21.47	
HSUPA Subtest-5	22.98	23.05	22.91	



ERP POWER (dBm)

	GSM							
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor(dB)	ERP(dBm)	ERP(mW)	Polarization (H/V)	
	128	824.2	-2.50	32.62	27.97	626.61	Н	
	189	836.4	-2.85	32.52	27.52	564.94	Н	
l x	251	848.8	-3.08	32.65	27.42	552.08	Н	
^	128	824.2	-12.85	32.76	17.76	59.70	V	
	189	836.4	-12.29	32.39	17.95	62.37	V	
	251	848.8	-12.89	32.54	17.50	56.23	V	

EDGE							
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor(dB)	ERP(dBm)	ERP(mW)	Polarization (H/V)
	128	824.2	-9.19	32.62	21.28	134.28	Н
	189	836.4	-9.30	32.52	21.07	127.94	Н
x	251	848.8	-9.46	32.65	21.04	127.06	Н
^	128	824.2	-21.94	32.76	8.67	7.36	V
	189	836.4	-21.78	32.39	8.46	7.01	V
	251	848.8	-21.56	32.54	8.83	7.64	V

	WCDMA						
Plane	Channel	Frequency (MHz)	LVL (dBm)	Correction Factor(dB)	ERP(dBm)	ERP(mW)	Polarization (H/V)
	4132	826.4	-11.94	32.62	18.53	71.29	Н
	4182	836.4	-11.90	32.52	18.47	70.31	Н
x	4233	846.6	-12.18	32.65	18.32	67.92	Н
^	4132	826.4	-20.73	32.76	9.88	9.73	V
	4182	836.4	-20.87	32.39	9.37	8.65	V
	4233	846.6	-20.85	32.54	9.54	8.99	V



4.2 FREQUENCY STABILITY MEASUREMENT

4.2.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

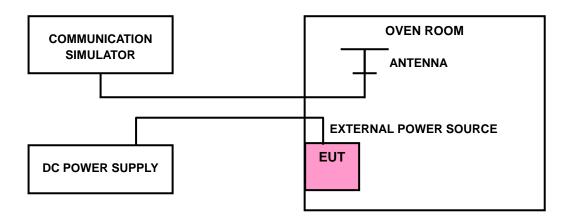
1.5 ppm is for base and fixed station. 2.5 ppm is for mobile station.

4.2.2 TEST PROCEDURE

- a. Device is placed at the oven room. The oven room could control the temperatures and humidity. Power warm up is at least 15 min and power applied should perform before recording frequency error.
- b. EUT is connected the external power supply to control the DC input power. The test voltage range is from minimum to maximum working voltage. Each step shall be record the frequency error rate.
- c. The temperature range step is 10 degrees in this test items. All temperature levels shall be hold the ±0.5°C during the measurement testing. The each temperature step shall be at least 0.5 hours, consider the EUT could be test under the stability condition.

NOTE: The frequency error was recorded frequency error from the communication simulator.

4.2.3 TEST SETUP



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4.2.4 TEST RESULTS

FREQUENCY ERROR vs. VOLTAGE

VOLTA OF (Volta)	FR	LIMIT (no no no.)		
VOLTAGE (Volts)	GSM	EDGE WCDMA		LIMIT (ppm)
3.8	0.011	0.005	-0.002	2.5
3.6	0.011	0.005	-0.004	2.5
4.35	0.008	0.005	-0.004	2.5

NOTE: The applicant defined the normal working voltage of the battery is from 3.6Vdc to 4.35Vdc.

FREQUENCY ERROR vs. TEMPERATURE

TEMP. (℃)	FR	LIMIT (nnm)		
TEMP. (C)	GSM	EDGE	WCDMA	LIMIT (ppm)
-30	0.006	0.005	-0.004	2.5
-20	0.009	0.005	-0.002	2.5
-10	0.010	0.005	-0.003	2.5
0	0.008	0.005	-0.005	2.5
10	0.009	0.004	-0.002	2.5
20	0.010	0.004	-0.003	2.5
30	0.010	0.004	-0.003	2.5
40	0.008	0.005	-0.002	2.5
50	0.011	0.004	-0.005	2.5
60	0.012	0.005	-0.002	2.5

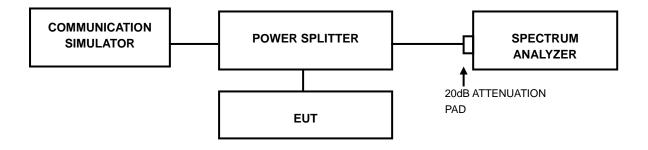


4.3 OCCUPIED BANDWIDTH MEASUREMENT

4.3.1 TEST PROCEDURES

The EUT makes a call to the communication simulator. All measurements were done at low, middle and high operational frequency range. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth.

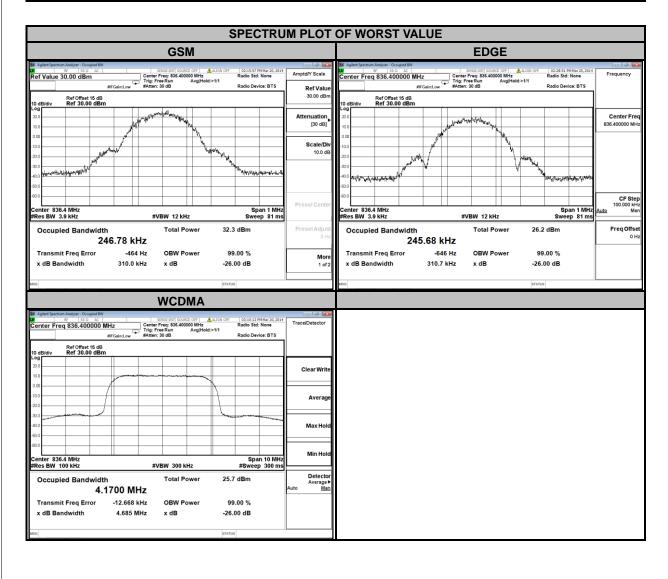
4.3.2 TEST SETUP





4.3.3 TEST RESULTS

CHANNEL	FREQUENCY (MHz)	99% OCCUPIED BANDWIDTH (kHz)		CHANNEL	FREQUENCY (MHz)	99% OCCUPIED BANDWIDTH (MHz)
	, ,	GSM	EDGE		, ,	WCDMA
128	824.2	245.64	243.29	4132	826.4	4.1677
189	836.4	246.78	245.68	4182	836.4	4.1700
251	848.8	244.45	244.22	4233	846.6	4.1606



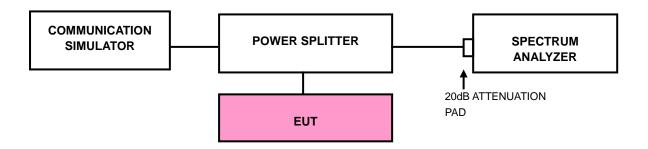


4.4 BAND EDGE MEASUREMENT

4.4.1 LIMITS OF BAND EDGE MEASUREMENT

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. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

4.4.2 TEST SETUP

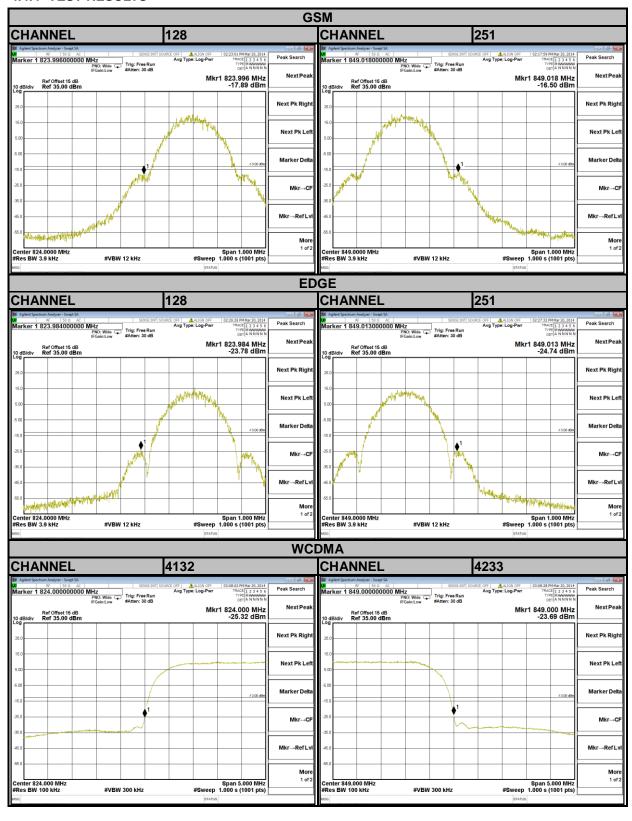


4.4.3 TEST PROCEDURES

- a. All measurements were done at low and high operational frequency range.
- b. The center frequency of spectrum is the band edge frequency and span is 1MHz. RB of the spectrum is 3.9kHz and VB of the spectrum is 12kHz (GSM/GPRS/ EDGE).
- c. The center frequency of spectrum is the band edge frequency and span is 5MHz. RB of the spectrum is 100kHz and VB of the spectrum is 300kHz (WCDMA).
- d. Record the max trace plot into the test report.



4.4.4 TEST RESULTS





4.5 CONDUCTED SPURIOUS EMISSIONS

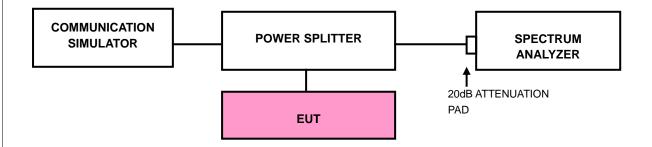
4.5.1 LIMITS OF CONDUCTED SPURIOUS EMISSIONS MEASUREMENT

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. The emission limit is equal to -13dBm.

4.5.2 TEST PROCEDURE

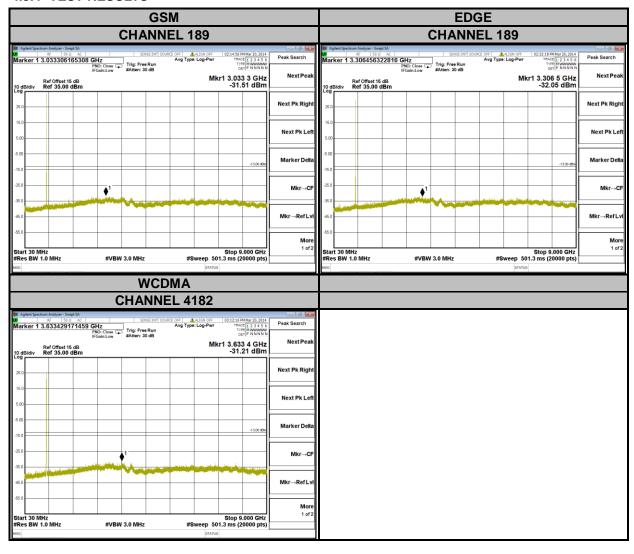
- a. The EUT makes a phone call to the communication simulator. All measurements were done at low, middle and high operational frequency range.
- b. Measuring frequency range is from 30 MHz to 9GHz. 10dB attenuation pad is connected with spectrum. RBW=1MHz and VBW=3MHz is used for conducted emission measurement.

4.5.3 TEST SETUP





4.5.4 TEST RESULTS





4.6 RADIATED EMISSION MEASUREMENT

4.6.1 LIMITS OF RADIATED EMISSION MEASUREMENT

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. The emission limit is equal to -13dBm.

4.6.2 TEST PROCEDURES

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G
- c. EIRP = Output power level of S.G TX cable loss + Antenna gain of substitution horn.
- d. E.R.P power can be calculated form E.I.R.P power by subtracting the gain of dipole, E.R.P power = E.I.R.P power 2.15dBi.

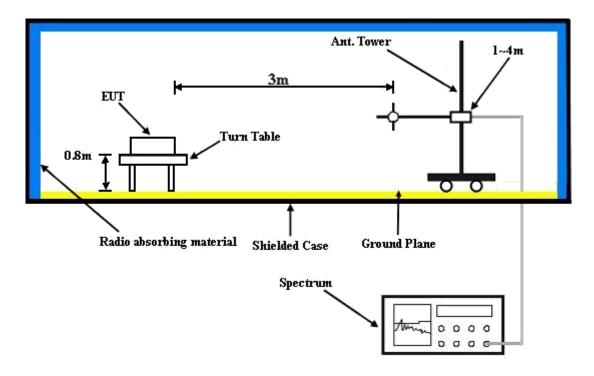
NOTE: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.6.3 DEVIATION FROM TEST STANDARD

No deviation



4.6.4 TEST SETUP



For the actual test configuration, please refer to the attached file (Test Setup Photo).

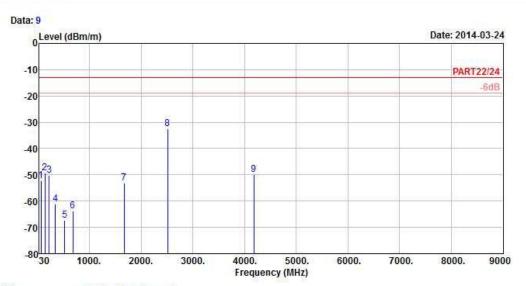


4.6.5 TEST RESULTS

GSM:



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Site : 966 Chamber 5

Condition : PART22/24 3m HORIZONTAL

Brand/Model: 0P8B200 Remark : GSM850 Link Tested by : Anson Lin

Plane : X

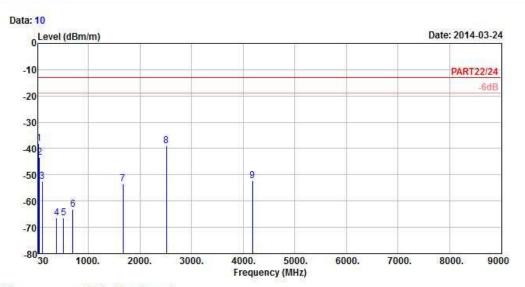
	Freq	Level	Level	Line	Limit	Factor	Remark
8	MHz	dBm/m	dBm	dBm/m	dB	dB/m	\$
1	58.62	-52.13	-46.18	-13.00	-39.13	-5.95	Peak
2	137.73	-49.39	-43.20	-13.00	-36.39	-6.19	Peak
3	217.38	-50.07	-42.91	-13.00	-37.07	-7.16	Peak
4	343.40	-61.17	-55.11	-13.00	-48.17	-6.06	Peak
5	524.00	-67.44	-64.99	-13.00	-54.44	-2.45	Peak
6	675.20	-63.77	-64.77	-13.00	-50.77	1.00	Peak
7	1672.80	-53.22	-39.38	-13.00	-40.22	-13.84	Peak
8 pp	2509.20	-32.59	-22.60	-13.00	-19.59	-9.99	Peak
9	4182.00	-49.89	-42.63	-13.00	-36.89	-7.26	Peak

Read Limit Over





Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Site : 966 Chamber 5

Condition : PART22/24 3m VERTICAL

Brand/Model: 0P8B200
Remark : GSM850 Link
Tested by : Anson Lin

Plane : X

	Freq	Level	Level	Line	Limit	Factor	Remark
8	MHz	dBm/m	dBm	dBm/m	dB	dB/m	8
1 pp	39.45	-38.21	-36.68	-13.00	-25.21	-1.53	Peak
2	57.54	-43.41	-37.76	-13.00	-30.41	-5.65	Peak
3	107.76	-52.41	-41.84	-13.00	-39.41	-10.57	Peak
4	381.90	-66.30	-60.53	-13.00	-53.30	-5.77	Peak
5	517.70	-66.29	-63.68	-13.00	-53.29	-2.61	Peak
4 5 6 7	699.70	-63.28	-64.71	-13.00	-50.28	1.43	Peak
7	1672.80	-53.35	-39.51	-13.00	-40.35	-13.84	Peak
8	2509.20	-39.03	-29.04	-13.00	-26.03	-9.99	Peak
9	4182.00	-52.35	-45.09	-13.00	-39.35	-7.26	Peak

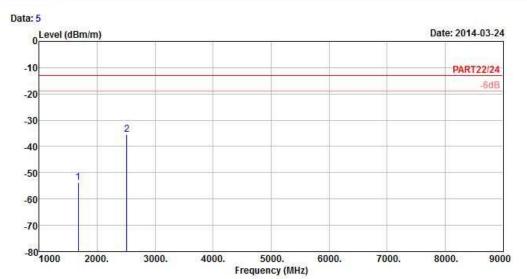
Read Limit Over



EDGE:



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Site : 966 Chamber 5

Condition : PART22/24 3m HORIZONTAL

Brand/Model: 0P8B200

Remark : EDGE850 Link Tested by : Johnson Liao

Plane : X

Read Limit Over

Freq Level Line Limit Factor Remark

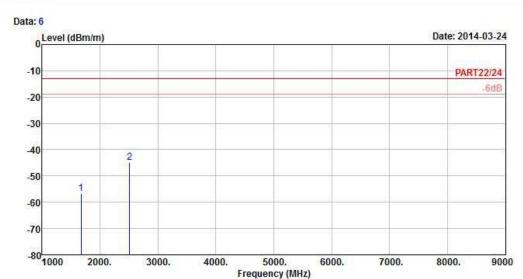
MHz dBm/m dBm dBm/m dB dB/m

1 1672.80 -53.64 -39.80 -13.00 -40.64 -13.84 Peak 2 pp 2509.20 -35.45 -25.46 -13.00 -22.45 -9.99 Peak





Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Site : 966 Chamber 5

Condition : PART22/24 3m VERTICAL

Brand/Model: 0P8B200

Remark : EDGE850 Link Tested by : Johnson Liao

Plane : X

Read Limit Over
Freq Level Level Line Limit Factor Remark

MHz dBm/m dBm dBm/m dB dB/m

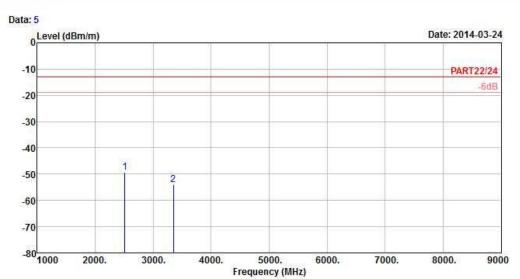
1 1672.80 -56.58 -42.74 -13.00 -43.58 -13.84 Peak 2 pp 2509.20 -44.87 -34.88 -13.00 -31.87 -9.99 Peak



WCDMA:



Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Site : 966 Chamber 5

Condition : PART22/24 3m HORIZONTAL

Brand/Model: 0P8B200 Remark : Band V Link Tested by : Johnson Liao

Plane : X

Read Limit Over
Freq Level Level Line Limit Factor Remark

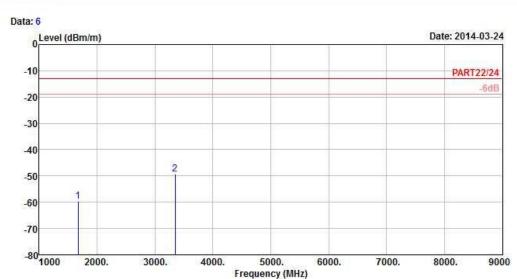
MHz dBm/m dBm dBm/m dB dB/m

1 pp 2509.20 -49.25 -39.26 -13.00 -36.25 -9.99 Peak 2 3345.60 -54.13 -44.77 -13.00 -41.13 -9.36 Peak





Bureau Veritas Consumer Products Services Ltd., Taoyuan Branch



Site : 966 Chamber 5

Condition : PART22/24 3m VERTICAL

Brand/Model: 0P8B200

Remark : Band V Link
Tested by : Johnson Liao

Plane : X

Read Limit Over
Freq Level Level Line Limit Factor Remark

MHz dBm/m dBm dBm/m dB dB/m

1 1672.80 -59.70 -45.86 -13.00 -46.70 -13.84 Peak 2 pp 3345.60 -49.27 -39.91 -13.00 -36.27 -9.36 Peak



	A D T
5 PHOTOGRAPHS OF THE TEST CONFIGURATION	
Please refer to the attached file (Test Setup Photo).	

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6 INFORMATION ON THE TESTING LABORATORIES

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab: Hsin Chu EMC/RF Lab:

Tel: 886-2-26052180 Tel: 886-3-5935343 Fax: 886-2-26051924 Fax: 886-3-5935342

Hwa Ya EMC/RF/Safety/Telecom Lab:

Tel: 886-3-3183232 Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com **Web Site:** www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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7 APPENDIX A – MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB
No any modifications were made to the EUT by the lab during the test.
END

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