for

47 CFR Part 24E

Equipment	: GSM Mobile Phone with GPRS
Model No.	:KMP6J1S14
FCC ID	:HFS-KMP6J1S1

- Filing Type : Declaration of Conformity
- Applicant : Quanta Computer Inc. No. 188, Wen Hwa 2nd Road, Kuei Shan Hsiang, Tao Yuan Shien, Taiwan
- The test result refers exclusively to the test presented test model / sample.
- Without written approval of SPORTON International Inc., the test report shall not be reproduced except in full.
- Certificate or Test Report must not be used by the applicant to claim the product in this test report endorsement by NVLAP or any agency of U.S. government.

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6F, No.106, Sec. 1, Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien, Taiwan, R.O.C.

SPORTON International Inc.		
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FAX: 886-2-2696-2255		

The applicant has been cautioned as to the following:

15.21 Information to User.

The users manual or instruction manual for an intentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.27(a) Special Accessories.

Equipment marketed to a consumer must be capable of complying with the necessary regulations in the configuration in which the equipment is marketed. Where special accessories, such as shielded cables and/or special connectors are required to enable an unintentional or intentional radiator to comply with the emission limits in this part, the equipment must be marketed with, i.e. shipped and sold with, those special accessories. However, in lieu of shipping or packaging the special accessories with the unintentional or intentional radiator, the responsible party may employ other methods of ensuring that the special accessories are provided to the consumer, without additional charge.

Information detailing any alternative method used to supply the special accessories for a grant of equipment authorization or retained in the verification records, as appropriate. The party responsible for the equipment, as detailed in § 2.909 of this chapter, shall ensure that these special accessories are provided with the equipment. The instruction manual for such devices shall include appropriate instructions on the first page of text concerned with the installation of the device that these special accessories must be used with the device. It is the responsibility of the user to use the needed special accessories supplied with the equipment.

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Required information per ISO/IEC Guide 25-1990, paragraph 13.2:

a) Test Report

- b) Laboratory: Sporton International Inc. No.52, Hwa-Ya 1st RD., Hwa Ya Technology Park, Kwei-Shan Hsiang, TaoYuan Hsien, Taiwan, R.O.C.
 c) Report Number: F451114-01
 d) Client: Quanta Computer Inc. No. 188, Wen Hwa 2nd Road, Kuei Shan Hsiang, Tao Yuan Shien, Taiwan
 e) Identification: Model Name: KMP6J1S14 FCC ID : HFS-KMP6J1S1 Description: GSM 1900 Radio
 f) EUT Condition: Not required unless specified in individual tests.
 g) Report Date: Sep. 03, 2004
- EUT Received: Aug. 26, 2004
- h, j, k): As indicated in individual tests.
- i) Sampling method: No sampling procedure used.
- I) Uncertainty: In accordance with Sporton internal quality manual.
- m) Supervised by:

Hendry yang 1/6/2004

Hendry Yang

- n) Results: The results presented in this report relate only to the item tested.
- o) Reproduction: This report must not be reproduced, except in full, without written permission from this laboratory.

Accessories Used During Testing: Type Model EUT KMP6J1S14 Earpiece N/A

List of General Information Required for Certification

In Accordance with FCC Rules and Regulations, Volume II, Part 2 and 24E, Confidentiality

Sub-Part 2.1033

(c)(1): Name and Address of Applicant:

Quanta Computer Inc. No. 188, Wen Hwa 2nd Road, Kuei Shan Hsiang, Tao Yuan Shien, Taiwan

Manufacturer

Quanta Computer Inc. No. 188, Wen Hwa 2nd Road, Kuei Shan Hsiang, Tao Yuan Shien, Taiwan

(c)(2): FCC ID: HSF-KMP6J1S14

Model Number: KMP6J1S14

(c)(3): Instruction Manual(s):

Please See Attached Exhibits

- (c)(4): Type of Emission: 300 KGXW
- (c)(5): FREQUENCY RANGE, MHz: 1850.2 to 1909.8
- (c)(6): Power Rating, Watts: 0.843 (conducted) 0.335 (EIRP) x Switchable Variable N/A
- (c)(7): Maximum Power Rating, Watts: 1

Subpart 2.1033 (continued)

(c)(8): Voltages & Currents in All Elements in Final RF Stage, Including Final Transistor or Solid State Device:

Collector Current, A = 0.5 Collector Voltage, Vdc = 3.6 Supply Voltage, Vdc = 3.6

(c)(9): Tune-Up Procedure:

Please See Attached Exhibits

(c)(10): Circuit Diagram/Circuit Description:

Please See Attached Exhibits

(c)(11): Label Information:

Please See Attached Exhibits

(c)(12): Photographs:

Please See Attached Exhibits

(c)(13): Digital Modulation Description:

____ Attached Exhibits ____ N/A

(c)(14): Test and Measurement Data:

Follows

Testimonial and Statement of Certification

This is to certify that:

- 1. **That** the application was prepared either by, or under the direct supervision of, the undersigned.
- 2. **That** the technical data supplied with the application was taken under my direction and supervision.
- 3. That the data was obtained on representative units, randomly selected.
- 4. **That**, to the best of my knowledge and belief, the facts set forth in the application and accompanying technical data are true and correct.

Certified by:

Daviel Lee 16/2004 Daniel Lee

Daniel Lee Manager

Certificate of NVLAP Accreditation

NV	Standards and Technology R of Accreditation
TAIP	TERNATIONAL, INC. PEI HSIEN 221 TAIWAN
for satisfactory compliance with cri all requirements of ISO/IEC 17025:1999	luntary Laboratory Accreditation Program teria set forth in NIST Handbook 150:2001, 9, and relevant requirements of ISO 9002:1994. rvices, listed on the Scope of Accreditation, for:
ELECTROMAGNETIC COMP	ATIBILITY AND TELECOMMUNICATIONS
December 31, 2004	Non P. Mal P.
Effective through	For the National Institute of Standards and Technology NVLAP Lab Code: 200079-0

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Sub-part 2.1033(c)(14): Test and Measurement Data

All tests and measurement data shown were performed in accordance with FCC Rules and Regulations, Volume II; Part 2, Sub-part J, Sections 2.947, 2.1033(c), 2.1041, 2.1046, 2.1047, 2.1079, 2.1051, 2.1053, 2.1055, 2.1057 and the following individual Parts:

- 22 Public Mobile Services 22 Subpart H - Cellular Radiotelephone Service
- x 24 Personal Communications Services

General Information

	Product Feature & Specification		
1.	Type of Modulation	GMSK	
2.	Number of Channels	GSM 1900 : 512 to 810	
0		Tx: 1850-1910	
3.	Frequency Band , MHz	Rx: 1930-1990	
4.	Channel Spacing	200 KHz	
5.	Maximum Output Power to Antenna	29.26 dBm	
6.	HW Version	C2D	
7.	SW Version	040813n-08.00RKD.KEN-0.004DDTCW	
8.	Antenna Type	Fixed External Antenna	

Standard Test Conditions

and

Engineering Practices

Except as noted herein, the following conditions and procedures were observed during the testing:

In accordance with TIA603, and unless otherwise indicated in the specific measurement results, the ambient temperature of the actual EUT was maintained within the range of 10° to 40°C (50° to 104 °F) unless the particular equipment requirements specify testing over a different temperature range. Also, unless otherwise indicated, the humidity levels were in the range of 10% to 90% relative humidity.

Prior to testing, the EUT was tuned up in accordance with the manufacturer's alignment procedures. All external gain controls were maintained at the position of maximum and/or optimum gain throughout the testing.

Measurement results, unless otherwise noted, are worst-case measurements.

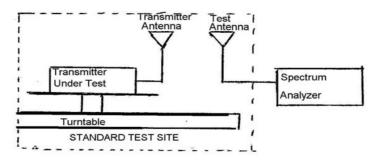
Name of Test: EIRP Carrier Power (Radiated)

Specification: TIA/EIA 603A (Substitution Method)

Definition: The average radiated power of device is the equivalent power required, when delivered to a substitution antenna, to produce at a distant point the same average received power as produced by the licensed device.

Method Of Measurement:

a) Connect the equipment as illustrated. Place the transmitter to be tested on the turntable in the standard test site.



b) Raise and lower the test antenna from 1m to 4m and rotate turntable from 0° to 360°. Record the highest received signal showed in spectrum analyzer as Rt . Calculate electric field strength in receive antenna as Et.

AF (dB/m): Receive Antenna Factor

c) Replace the transmitter under test with a substitution antenna. The center of the antenna should be at the same location as the transmitter under test. Connect the antenna to a signal generator with a known output power level Ps. Raise and lower the test antenna like in step b) and record the highest received signal showed in spectrum analyzer as Rs. Calculate electric field strength in receive antenna as Es.

AF (dB/m): Receive Antenna Factor

d) Calculate radiated power as following: EIRP = Ps + Et - Es + Gs

> Ps (dBm): Input Power to Substitution Antenna Gs (dBi) : Substitution Antenna Gain

Results Attached

Tested By:

Tim Kao

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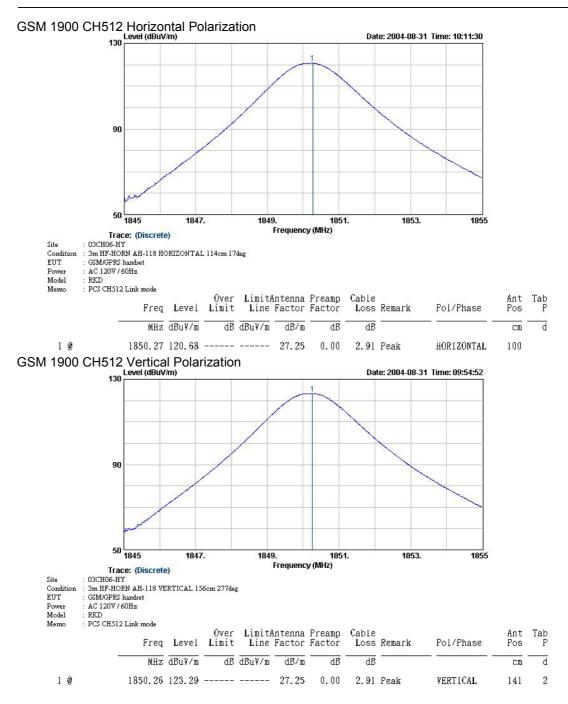
Test Results For: EIRP Carrier Power (Radiated)

Conducted Power

Bands	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (Watts)
	512	1850.2 (Low)	28.91	0.778
GSM 1900	661	1880.0 (Mid)	29.26	0.843
	810	1909.8 (High)	28.93	0.782

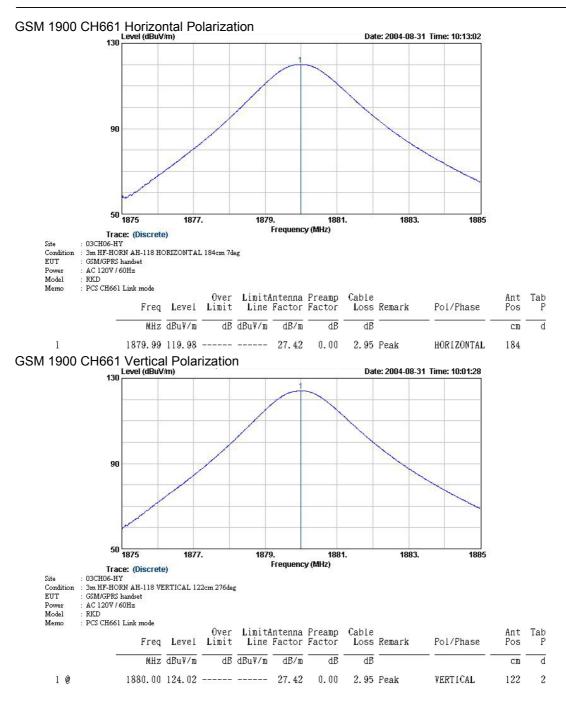
EIRP

Freq MHz	Pol	Substitution Antenna Input Power (dBm)	Substitution Antenna Gain (dBi)	Et	Es (dBuV/m)	Et - Es (dB)	Radiated Power (dBm)	Radiated Power (Watts)
1850.27	Н	-3.76	6.64	120.68	101.7	18.98	21.86	0.153
1879.99	Н	-3.78	6.65	119.98	101.64	18.34	21.21	0.132
1909.82	н	-3.81	6.66	119.64	101.58	18.06	20.92	0.123
1850.26	V	-3.76	6.64	123.29	101.7	21.56	24.47	0.279
1880.00	V	-3.78	6.65	124.02	101.64	22.38	25.25	0.335
1909.86	V	-3.81	6.66	122.80	101.58	21.22	24.08	0.255



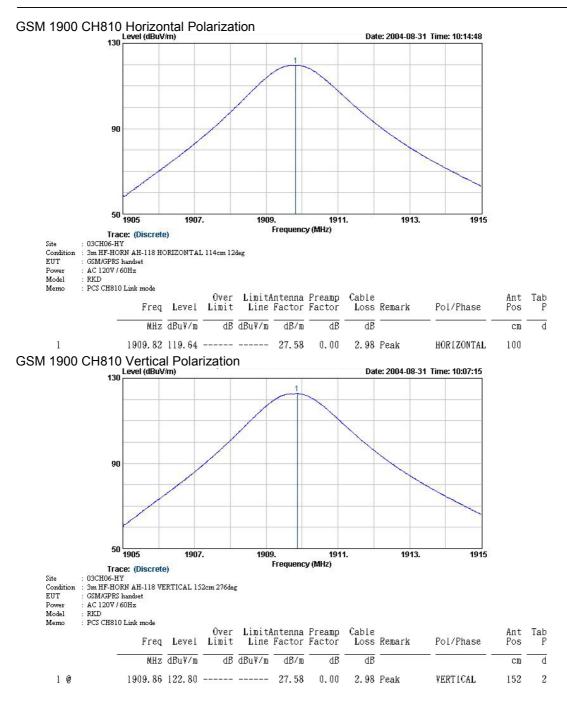
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CID HFS-KMP6J1S1 le No. 16 of 46 Jed Date Sep. 03, 2004 Name of Test: Transmitter Conducted Measurements

Specification: 47 CFR 2.1051: Unwanted (spurious) Emissions 2.1049(c), 24.238(b): Occupied Bandwidth 24: Emissions at Band Edges

Test Equipment: As per attached page

Measurement Procedure

- 1. The EUT and test equipment were set up as shown on the following page with the Spectrum Analyzer connected.
- 2. The low and high channels for all RF powers within the transmitting frequency band were measured.
- 3. Measurement Results: Attached

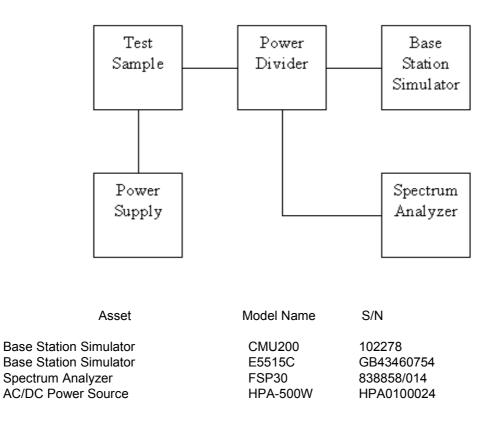
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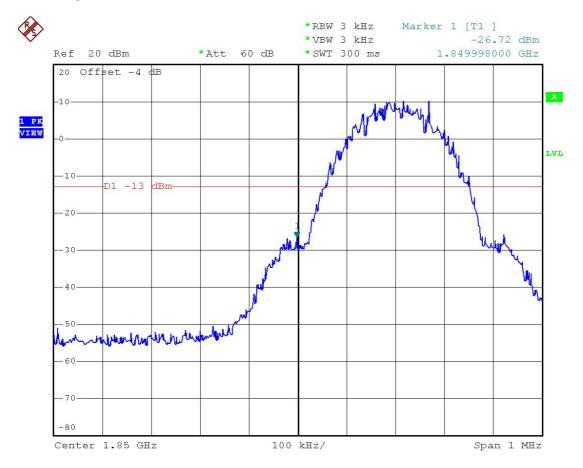
Tested By:

Tim Kao

Transmitter Spurious Emission

Test A. Occupied Bandwidth (In-Band Spurious) Test B. Out-of-Band Spurious

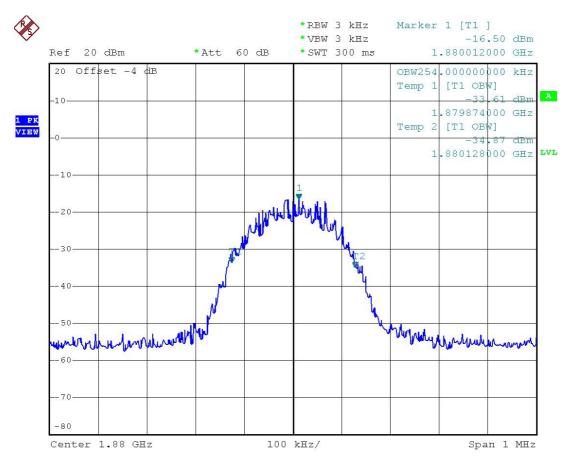




Name of Test: Emission Masks (Occupied Bandwidth) State 2:High Power

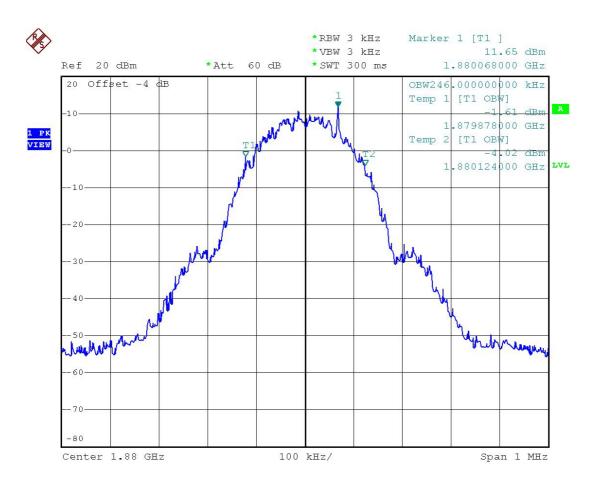
> Power: HIGH Modulation: GSM 1900 LOWER BAND EDGE

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Name of Test: Emission Masks (Occupied Bandwidth) State 1:Low Power

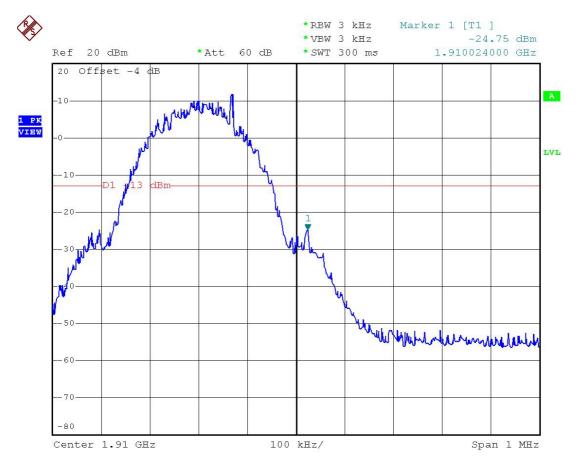
> Power: LOW Modulation: GSM 1900 99% BANDWIDTH



Name of Test: Emission Masks (Occupied Bandwidth) State 2:High Power

> Power: HIGH Modulation: GSM 1900 99% BANDWIDTH

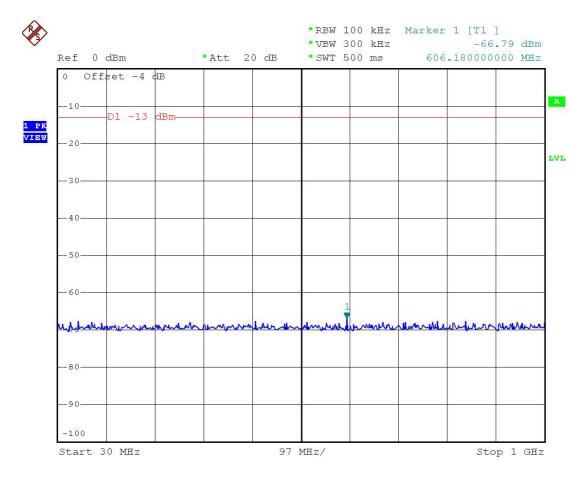
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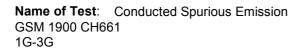


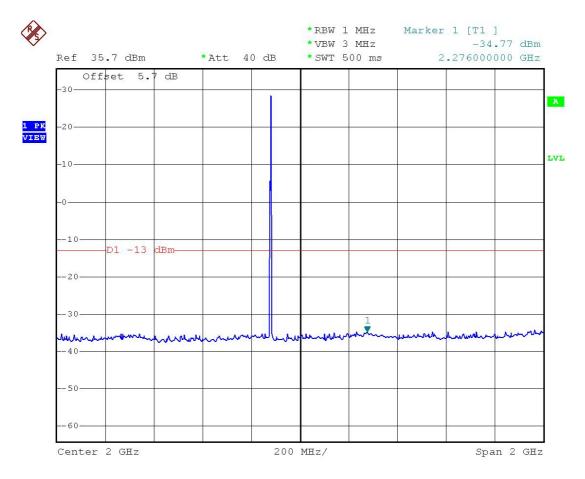
Name of Test: Emission Masks (Occupied Bandwidth) State 2:High Power

> Power: HIGH Modulation: GSM 1900 UPPER BAND EDGE

Name of Test: Conducted Spurious Emission GSM 1900 CH661 30M-1G







Name of Test: Conducted Spurious Emission GSM 1900 CH661 3G-7G

