ELECTROMAGNETIC EMISSION COMPLIANCE REPORT
FOR FCC CLASS B CERTIFICATION

Test Report No.	**: E066R-038**
AGR No.	**: A055A-075**
Applicant	**: JUN Telecom Inc.**
Address	**: Jungro Bldg., 2F, 10-1, Samsung-dong, Kangnam-gu, Seoul, 135-090, Korea**
Manufacturer	**: JUN Telecom Inc.**
Address	**: Jungro Bldg., 2F, 10-1, Samsung-dong, Kangnam-gu, Seoul, 135-090, Korea**
Type of Equipment	**: PC Camera (CMOS Camera) (Peripheral Device for Class B Computing Device)**
FCC ID	**: SALMJ-701**
Model Name	**: MJ-701**
Serial Number	**: N/A**
Total page of Report	**: 11 pages (including this page)**
Date of Incoming	**: April 29, 2006**
Date of Issuing	**: June 20, 2006**

SUMMARY

The equipment complies with the requirements of **FCC CFR 47 PART 15 SUBPART B, Class B.**
This test report contains only the results of a single test of the sample supplied for the examination. It is not a general valid assessment of the features of the respective products of the mass-production.

Prepared by: Seung-Hyun, Nam / Project Engineer
EMC Div.
ONETECH Corp.

Reviewed by: Gea-Won, Lee / Chief Engineer
EMC Div.
ONETECH Corp.

HEAD OFFICE : #505 SK APT. Factory 223-28, Sangdaewon 1 Dong, Jungwon-Gu, Seongnam-City, Kyunggi-Do, 462-705, Korea (TEL: +82-31-746-8500, FAX: +82-31-746-8700)
EMC Testing Dept : 307-51 Daessangryung-Ri, Chowol-Eup, Kwangju-City, Kyunggi-Do 464-860 Korea. (TEL: +82-31-765-8289, FAX: +82-31-766-2904)

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1. VERIFICATION OF COMPLIANCE

-. APPLICANT : JUN Telecom Inc.
-. ADDRESS : Jungro Bldg., 2F, 10-1, Samsung-dong, Kangnam-gu, Seoul, 135-090, Korea
-. CONTACT PERSON : Mr. Han-Gu, Cho / Assistant Manager
-. TELEPHONE NO : +82-2-543-9690
-. FCC ID : SALMJ-701
-. MODEL NAME : MJ-701
-. BRAND NAME : AlphaCam NEO
-. SERIAL NUMBER : N/A
-. DATE : June 20, 2006

DEVICE TYPE	Peripheral Device for Class B Computing Device - Unintentional Radiator
E.U.T. DESCRIPTION	PC Camera (CMOS Camera)
THIS REPORT CONCERNS	ORIGINAL GRANT
MEASUREMENT PROCEDURES	ANSI C63.4: 2003
TYPE OF EQUIPMENT TESTED	PRE-PRODUCTION
KIND OF EQUIPMENT AUTHORIZATION REQUESTED	CERTIFICATION
EQUIPMENT WILL BE OPERATED UNDER FCC RULES PART(S)	FCC PART 15, SECTION 15.101
MODIFICATIONS ON THE EQUIPMENT TO ACHIEVE COMPLIANCE	Yes
FINAL TEST WAS CONDUCTED ON	3 METER OPEN AREA TEST SITE

-. The above equipment was tested by ONETECH Corp. for compliance with the requirement set forth in the FCC Rules and Regulations. This said equipment in the configuration described in this report, shows the maximum emission levels emanating from equipment are within the compliance requirements.

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2. GENERAL INFORMATION

2.1 Product Description

The JUN Telecom Inc., Model MJ-701 (referred to as the EUT in this report) is a PC Camera (CMOS Camera). Product specification described herein was obtained from product data sheet or user's manual.

CHASSIS TYPE	Plastic
LIST OF EACH OSC. or CRY. FREQ.(FREQ.>=1MHz)	12 MHz and 24.576 MHz
NUMBER OF LAYERS	4 Layers
EXTERNAL CONNECTOR	USB Port

2.2 Model Differences:

The difference(s) compared to the EUT is as follows: None

2.3 Related Submittal(s) / Grant(s)

Original submittal only

2.4 Test System Details

The model numbers for all the equipments that were used in the tested system is:

Model	Manufacturer	FCC ID	Description	Connected to
MJ-701	JUN Telecom Inc.	SALMJ-701	PC Camera (CMOS Camera) (EUT)	Notebook PC
PP05LC	Dell Computer Corp.	DoC	Notebook PC	-
M4	Mouse Systems	N/A	Mouse	Notebook PC
UP-DP10	Sony Corporation	DoC	Printer	Notebook PC

2.5 Test Methodology

Both conducted and radiated testing was performed according to the procedures in ANSI C63.4: 2003. Radiated testing was performed at a distance of 3 meters from EUT to the antenna.

2.6 Test Facility

The open area test site and conducted measurement facilities are located on at 307-51 Daessangryung-Ri, Chowol-Eup, Kwangju-City, Kyunggi-Do 464-080 Korea. Description details of test facilities were submitted to the Commission on August 30, 2005. (Registration Number: 340658)

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3. SYSTEM TEST CONFIGURATION

3.1 Justification

This device was configured for testing in a typical way as a normal customer is supposed to be used. During the test, the following components were installed inside of the EUT.

DEVICE TYPE	MANUFACTURER	MODEL/PART NUMBER	FCC ID
MAIN BOARD	JUN Telecom Inc.	N/A	N/A

3.2 Mode of operation during the test

-. The EUT was tested under real time reflex capture mode.

3.3 Cable Description

Ports Name	Shielded	Ferrite Bead	Metal Hood	Length (m)	Connected to
USB	-	-	Notebook PC END	1.0	Notebook PC

3.4 Equipment Modifications

-. The ferrite core(E-Tech, CU1330B) was added to the USB cable.

3.5 Configuration of Test System

Line Conducted Test : The EUT was connected to the PC via USB port and the power line of PC was connected to LISN. All supporting equipments were connected to another LISN. Preliminary Power line Conducted Emission test was performed by using the procedure in ANSI C63.4: 2003 7.2.3 to determine the worse operating conditions.

Radiated Emission Test : Preliminary radiated emission test was conducted using the procedure in ANSI C63.4: 2003 8.3.1.1 to determine the worse operating conditions. Final radiated emission test was conducted at 3 meters open area test site.

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4. PRELIMINARY TEST

4.1 AC Power line Conducted Emission Test

During Preliminary Test, the following operating mode was investigated

Operation Mode	The Worse operating condition (Please check one only)
The EUT was tested under real time reflex capture mode.	X

4.2 Radiated Emission Test

During Preliminary Test, the following operating mode was investigated

Operation Mode	The Worse operating condition (Please check one only)
The EUT was tested under real time reflex capture mode.	X

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5. FINAL RESULT OF MEASURMENT

Preliminary test was done in normal operation mode. And the final measurement was selected for the maximized emission level

5.1 Conducted Emission Test

Humidity Level : 46 % Temperature: 21 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.107 (a)

Type of Test : CLASS B

Result : PASSED BY –10.41 dB at 3.44 MHz

EUT : PC Camera (CMOS Camera) Date: June 12, 2006

Operating Condition : The EUT was tested under real time reflex capture mode.

Detector : CISPR Quasi-Peak (6 dB Bandwidth: 9 kHz)

Frequency (MHz)	Line	Peak (dBuV)		Margin (dB)
		Emission level	Q.P Limits	
0.18	H	49.28	64.49	-15.21
0.43	N	38.45	57.25	-18.80
0.80	H	34.42	56.00	-21.58
1.90	N	39.45	56.00	-16.55
2.03	H	40.43	56.00	-15.57
3.44	H	45.59	56.00	-10.41
Frequency (MHz)	**Line**	**Average (dBuV)**		**Margin (dB)**
		Emission level	**Limits**	
0.18	H	37.91	54.49	-16.58
1.90	N	25.17	46.00	-20.83
2.03	H	25.96	46.00	-20.04
3.44	H	27.87	46.00	-18.13

Line Conducted Emission Tabulated Data

Remark : "H": Hot Line, "N": Neutral line

See next page for an overview sweep performed with peak and average detector.

Tested by: Dong-Yub, Lee / Test Engineer

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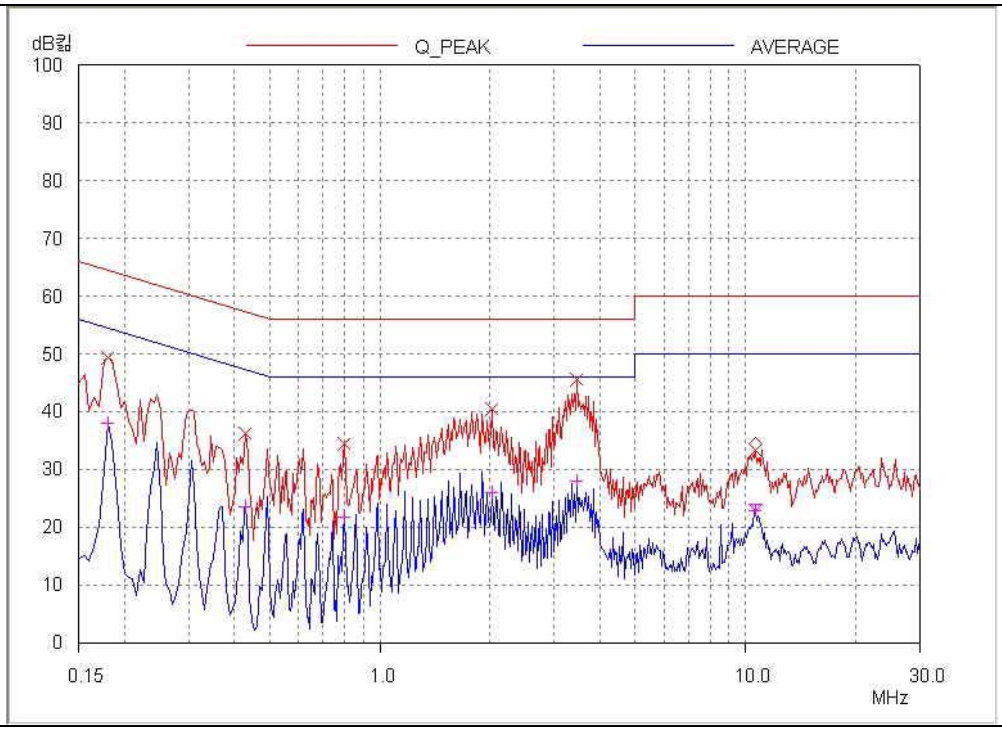
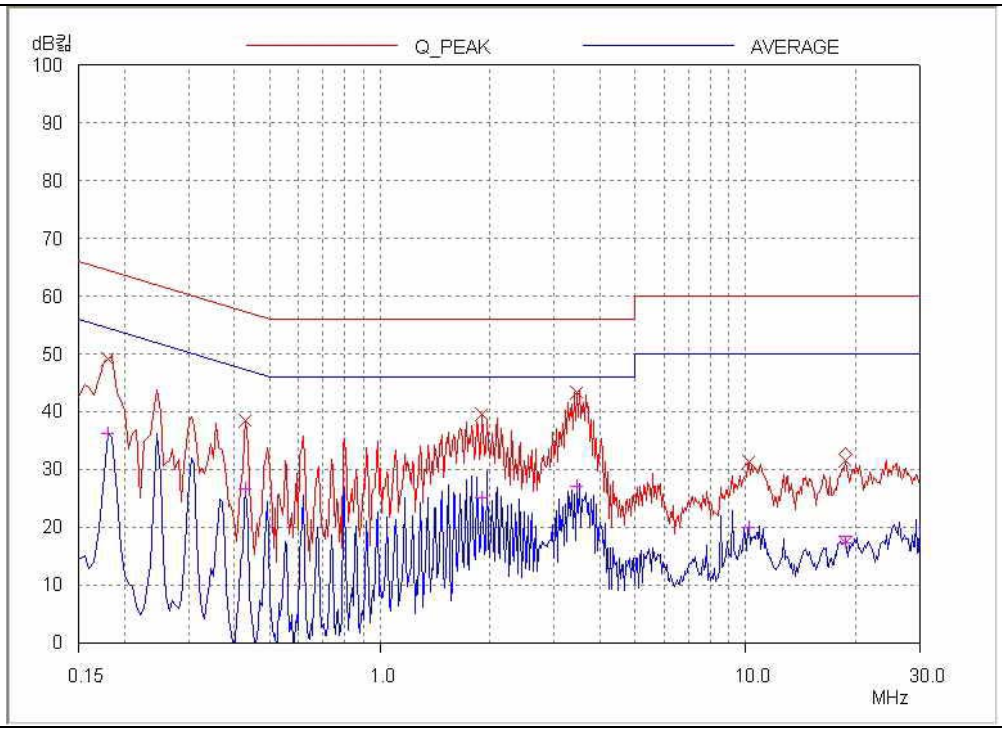


HOT LINE



NEUTRAL LINE

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5.2 Radiated Emission Test

The following table shows the highest levels of radiated emission on both polarizations of horizontal and vertical.

Humidity Level : 42 % Temperature: 23 °C

Limits apply to : FCC CFR 47, PART 15, SUBPART B, SECTION 15.109 (a)

Type of Test : CLASS B

Result : PASSED BY -3.83 dB at 648.88 MHz

EUT : PC Camera (CMOS Camera) Date: June 08, 2006

Operating Condition : The EUT was tested under real time reflex capture mode.

Detector : CISPR Quasi-Peak (6 dB Bandwidth: 120 kHz)

Distance : 3 Meter

Radiated Emissions		Ant	Correction Factors		Total	FCC CLASS B	
Freq. (MHz)	Amp. (dBuV)	Pol.	Ant. (dBuV/m)	Cable (dB)	Amp. (dBuV/m)	Limit (dBuV/m)	Margin (dB)
264.27	16.84	H	17.39	3.46	37.69	46.02	-8.33
360.01	15.33	H	16.18	4.24	35.75	46.02	-10.27
504.87	16.10	H	19.20	5.48	40.78	46.02	-5.24
552.48	16.74	H	19.58	5.30	41.62	46.02	-4.40
600.11	16.25	H	20.07	5.30	41.62	46.02	-4.40
648.88	15.22	H	21.28	5.69	42.19	46.02	-3.83

Radiated Emissions Tabulated Data

Tested by: Dong-Yub, Lee / Test Engineer

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6. FIELD STRENGTH CALCULATION

Meter readings are compared to the specification limit correcting for antenna and cable losses

+	Meter reading	(dBuV)
+	Cable Loss	(dB)
+	Antenna Factor (Loss)	(dB/meter)
=	Corrected Reading	(dBuV/meter)
-	Specification Limit	(dBuV/meter)
=	dB Relative to Spec	(+/- dB)

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7. LIST OF TEST EQUIPMENT

No.	EQUIPMENTS	MFR.	MODEL	SER. NO.	LAST CAL	DUE CAL	USE
1.	Test receiver	R/S	ESVS10	827864/005	DEC/05	12MONTH	■
2.	Test receiver	R/S	ESHS 10	834467/007	MAY/06	12MONTH	■
3.	Spectrum analyzer	HP	8566B	3407A08547	JUL/05	12MONTH	
4.	TRILOG Broadband Antenna	Schwarzbeck	VULB9163	VULB9163 166	MAY/06	12MONTH	
5.	Biconical antenna	EMCO	3110	9003-1121	FEB/06	12MONTH	
		Schwarzbeck	VHA9103	91031852	FEB/06		■
6.	Log Periodic antenna	EMCO	3146	9001-2614	FEB/06	12MONTH	
		Schwarzbeck	9108-A(494)	62281001	FEB/06		■
7.	LISN	EMCO	3825/2	9109-1867	JUL/05	12MONTH	■
				9109-1869	JUL/05		
		Schwarzbeck	NSLK 8126	8126-404	AUG/05		■
8.	Position Controller	HD GmbH	HD100	N/A	N/A	N/A	■
9.	Turn Table	HD GmbH	DS420S	N/A	N/A	N/A	■
10.	Antenna Master	HD GmbH	MA240	N/A	N/A	N/A	■

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