

ELECTROMAGNETIC EMISSION COMPLIANCE REPORT FOR PCS PRIVATE LAND MOBILE LICENSED DATA TRANSCEIVER

Test report file number : E061R-046

Applicant : HuneTec Co., Ltd.

Address : 7th FL., Chosun NaeHwa Bldg., 4-1 Sunae-dong, Bundang-gu, Sungnam-city, Gyeonggi-do, Korea

Manufacturer : HuneTec Co., Ltd.

Address : 7th FL., Chosun NaeHwa Bldg., 4-1 Sunae-dong, Bundang-gu, Sungnam-city Gyeonggi-do, Korea

Type of Equipment : ReFlex TELEMETRY DEVICE

FCC ID. : RNGM900RFX

Model Name : M900R

Serial number : None

Total page of Report : 27 pages (including this page)

Date of Incoming : January 17, 2006

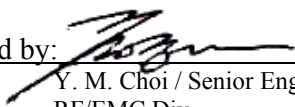
Date of issue : January 25, 2006

SUMMARY

The equipment complies with the regulation; **FCC Part 24D and 90.**

This test report only contains the result of a single test of the sample supplied for the examination.

It is not a generally valid assessment of the features of the respective products of the mass-production.

Prepared by: 
Y. M. Choi / Senior Engineer
RF/EMC Div.
ONETECH Corp.

Reviewed by: 
Y. K. Kwon / Director
RF/EMC Div.
ONETECH Corp.

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1. VERIFICATION OF COMPLIANCE

APPLICANT : HuneTec Co., Ltd.
 ADDRESS : 7th FL., Chosun Naehwa Bldg., 4-1 Sunae-dong, Bundang-gu, Sungnam-city, Gyeonggi-do, Korea
 CONTACT PERSON : David Kim / General Manager
 TELEPHONE NO : +82-31-712-6868
 FCC ID : RNGM900RFX
 MODEL NO/NAME : M900R
 SERIAL NUMBER : N/A
 DATE : January 25, 2006

DEVICE CLASS	<i>PCB – PCS LICENSED TRANSMITTER</i>
KIND OF EQUIPMENT	ReFlex TELEMETRY DEVICE
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)	PART 24D and 90
MODIFICATIONS ON THE EQUIPMENT TO ACHIEVE COMPLIANCE	No
FINAL TEST WAS CONDUCTED ON	3 METER(S) OPEN AREA TEST SITE

- This device has shown compliance with the conducted emissions limits in 15.207 adopted under FCC 02-107 (ET Docket 98-80). The device may be marketed after July 11, 2005 and is not affected by the 15.37(j) transition provisions.
- 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.

2. TEST SUMMARY

2.1 Test items and results

SECTION	TEST ITEMS	RESULTS
2.1046, 24.132, 90.635	RF Power Output at Antenna Terminals	Met the Limit / PASS
2.1049, 24.131, 90.209(b), 90.210(j)	Occupied Bandwidth, Bandwidth Limitation, Emission Masks	Met the Limit / PASS
2.1051, 24.133, 90.210(j)	Spurious Emissions at Antenna Terminals	Met the Limit / PASS
2.1053, 24.133, 90.210(j)	Field strength of Spurious Radiation	Met the Limit / PASS
2.1055(a)(1), 24.135, 90.213	Frequency Stability with Temperature variation	Met the Limit / PASS
2.1055(d), 24.135, 90.213	Frequency stability with primary voltage variation	Met the Limit / PASS
15.109(b)	Field strength of Spurious Radiation in Receiving Mode	Met the Limit / PASS
15.207 and 15.107	Conducted Limits	N/A / See Note 1

Note1. The Equipment under Test shall be operated in vehicular environment, so the test was not performed.

2.2 Additions, deviations, exclusions from standards

No additions, deviations or exclusions have been made from standard.

2.3 Related Submittal(s) / Grant(s)

Original submittal only

2.4 Purpose of the test

To determine whether the equipment under test fulfills the requirements of the regulation stated in section 2.1.

2.5 Test Methodology

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 Electromagnetic compatibility measurement facilities are located on at 426-1 Daessangryung-Ri, Chowol-Myeon, Gwangju-Si, Gyeonggi-Do 464-080 Korea. Description details of test facilities were submitted to the Federal Communications Commission on January 18, 2002 (Registration Number: 92819 and 340658), accredited by KOLAS (Korea Laboratory Accreditation Scheme, No: 85) and approved by TUV, DNV, and MIC (Ministry of Information and Communications in Korea) according to the requirement of ISO17025.

3. GENERAL INFORMATION

3.1 Product Description

The HuneTec Co., Ltd., Model M900R (referred to as the EUT in this report) is a **ReFlex TELEMETRY DEVICE**, which should be capable of communicating wirelessly over the ReFLEX network. The EUT has 2 D-Sub ports for smart GPS antenna and 8 GPIO (General Purpose Input Output) or power cable. The EUT is specified to operate in a vehicle with expansion capabilities. The product specification described herein was obtained from product data sheet or user's manual.

DEVICE TYPE		PCS Private Land Mobile Data Transceiver
EMISSION DESIGNATOR		8K17F1D
OPERATING FREQUENCY	Transmitting Frequency	896~902 MHz
	Receiving Frequency.	929MHz~932MHz, and 935~942MHz
APPLICABLE FREQUENCY	PART 24D	901~902 MHz
	PART 90	896~901 MHz
OUTPUT POWER		0.7 W into Antenna
MODULATION		4 Level FSK
DATA TRANSFER RATE	Transmitter	800~9600bps
	Receiver	1600 ~ 6400 bps
CHANNEL SPACING	Transmitter	12.5 kHz /10kHz
	Receiver	12.5 kHz /10kHz
ANTENNA		Omni-directional Helical Antenna, Model No: WE-GH-01
ANTENNA GAIN		0.5±1 dBi
LIST OF EACH OSC. OR CRY. FREQ.(FREQ.>=1MHz)		7.6, 10.0 MHz and 42.455 MHz
NUMBER OF LAYER		4 Layers
POWER REQUIREMENT		DC 12.0V
EXTERNAL CONNECTOR		D-Sub 9 Pin Connector for GPS Antenna and D-Sub 25 Pin Connector for Power or Data cable

3.2 Alternative type(s)/model(s); also covered by this test report.

None

4. EUT MODIFICATIONS

None

5. SYSTEM TEST CONFIGURATION**5.1 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	HuneTec Co., Ltd.	M900R-Main PCB	N/A

5.3 Peripheral equipment

Defined as equipment needed for correct operation of the EUT, but not considered as tested:

Model	Manufacturer	FCC ID	Description	Connected to
M900R	HuneTec Co., Ltd.	RNGM900RFX	ReFlex Telemetry Device (EUT)	Power Supply
992-00-15	JCOM Corp.	N/A	GPS Antenna	EUT
DG85	Dyno Europe	N/A	Battery	EUT

5.4 Mode of operation during the test

The EUT was continuously transmitted with max power at 800, 1600, and 6800 bps and the worst data were recorded in this test report.

6. RF POWER OUTPUT at ANTENNA TERMINAL

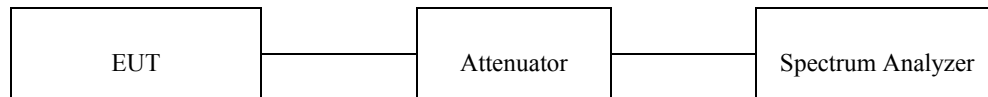
6.1 Operating environment

Temperature : 19°C

Relative humidity : 42 %

6.2 Test set-up

The RF output port of the EUT was connected to the input of the spectrum analyzer through sufficient attenuation. The resolution bandwidth was set to 2 MHz and video bandwidth of the spectrum analyzer was set at 3 MHz and the spectrum as recorded in the frequency band ± 5 MHz from the carrier frequency.



6.3 Test equipment used

	Model Number	Manufacturer	Description	Serial Number
■ -	8564E	HP	Spectrum Analyzer	3650A00756
■ -	N/A	HP	30dB Attenuator Assembly	2350A3133
■ -	DRP-305DN	Digital Electronics	DC Power Supply	

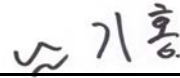
All test equipment used is calibrated on a regular basis.

6.4 Test data

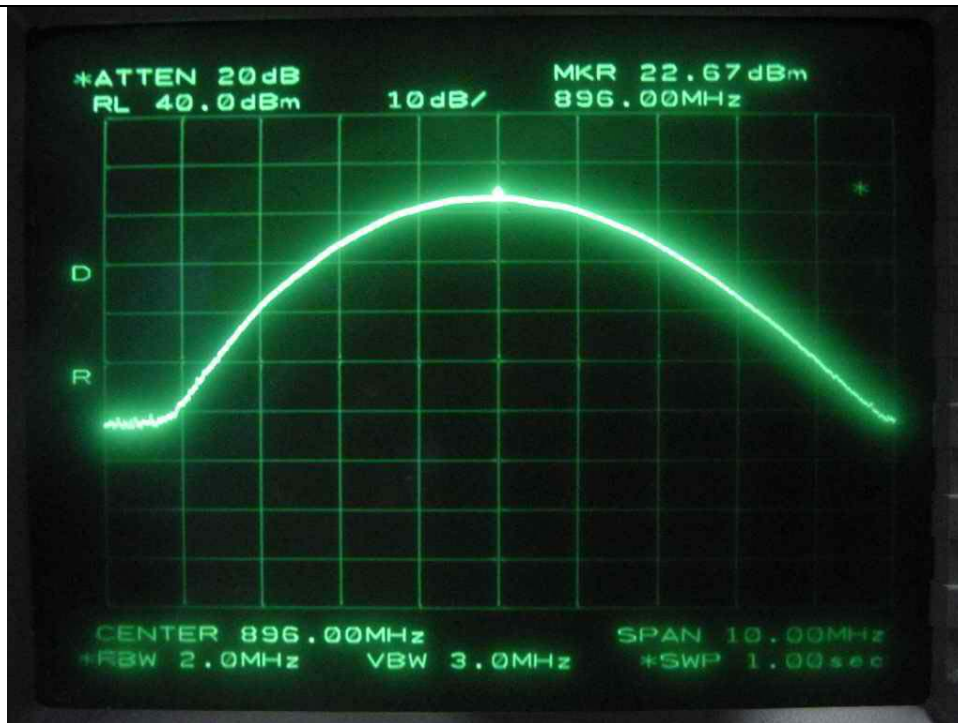
- Test Date : January 17, 2006
- Test Result : Pass

CHANNEL	FREQUENCY (MHz)	MEASURED VLAUE (dBm)	LOSS (dB)	TOTAL (dBm)	RESULT (W)
Low	896.0	22.67	0.5	23.17	0.21
High	902.0	22.50	0.5	23.00	0.20

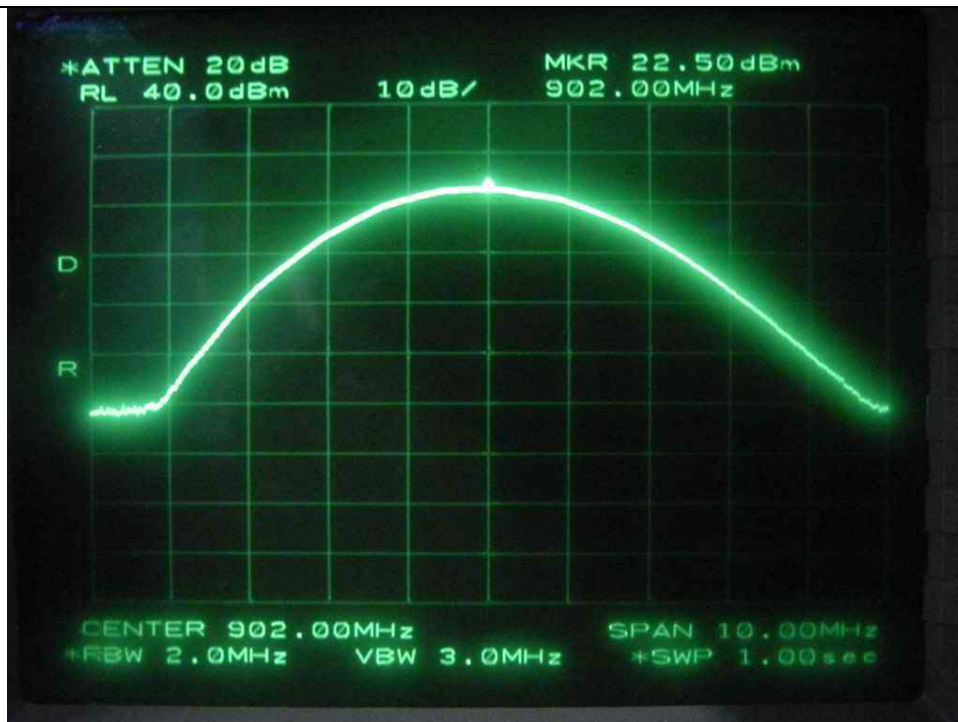
Remark: See next page for an overview sweep performed with peak detector and spectrum analyzer offset function was used for attenuator.



Tested by: Ki-Hong, Nam / Test Engineer



Low Channel



High Channel

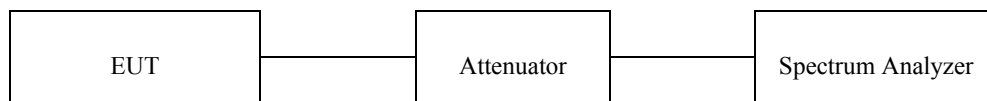
8. OCCUPIED BANDWIDTH, BANDWIDTH LIMITATION, EMISSION MASKS

8.1 Operating environment

Temperature : 19°C
Relative humidity : 42 %

8.2 Test set-up

The RF output port of the EUT was connected to the input of the spectrum analyzer through sufficient attenuation. The resolution bandwidth and video bandwidth of the spectrum analyzer was set at 300 Hz for emission mask, 1 kHz for 99% occupied bandwidth and the spectrum was recorded in the frequency band ± 25 kHz from the carrier frequency.



8.3 Test equipment used

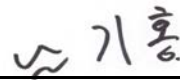
Model Number	Manufacturer	Description	Serial Number
■ - 8564E	HP	Spectrum Analyzer	3650A00756
■ - N/A	HP	30dB Attenuator Assembly	2350A3133
■ - 3033B	B&J TMI	DC Power Supply	2056036

All test equipment used is calibrated on a regular basis.

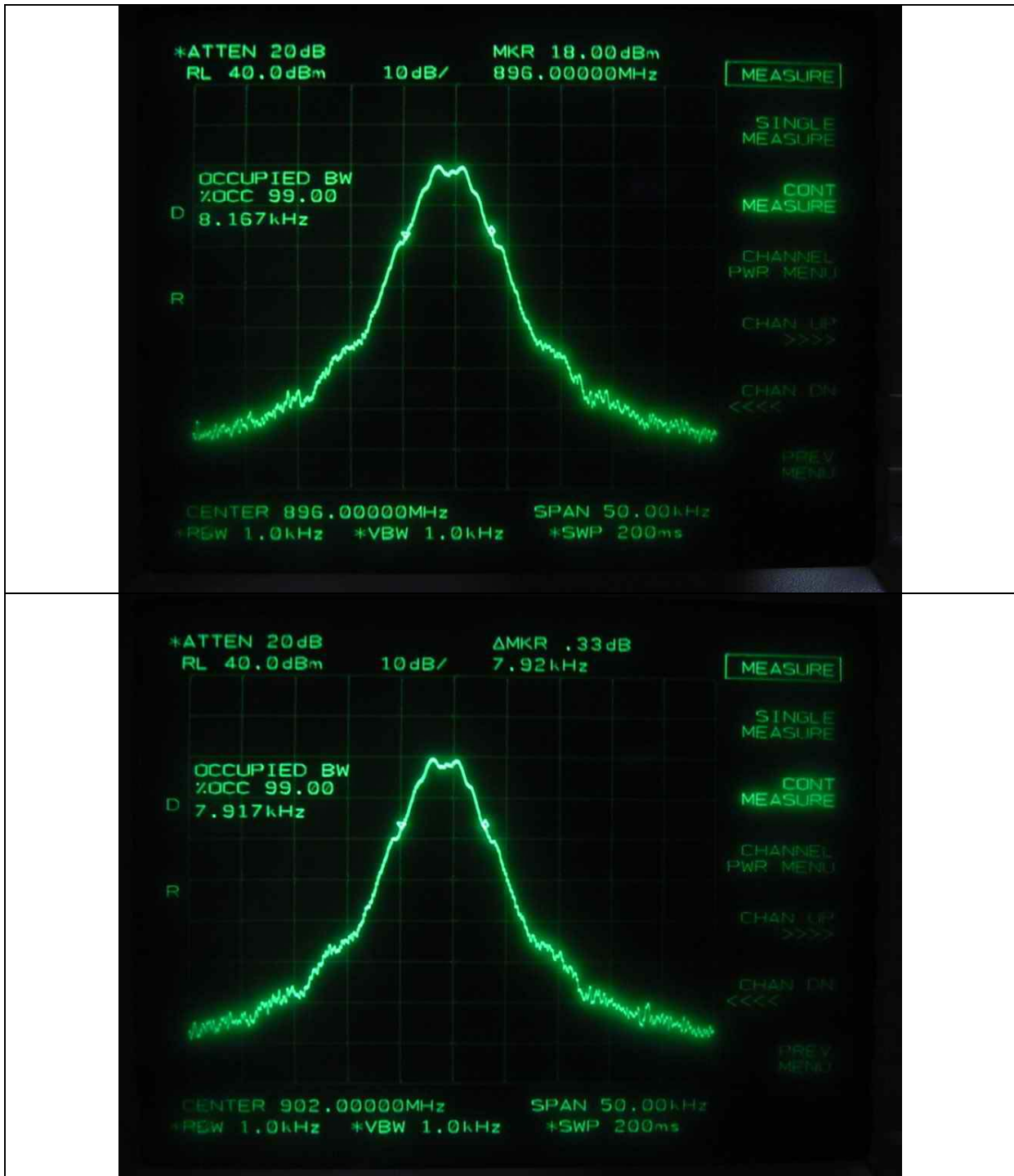
8.4 Test data

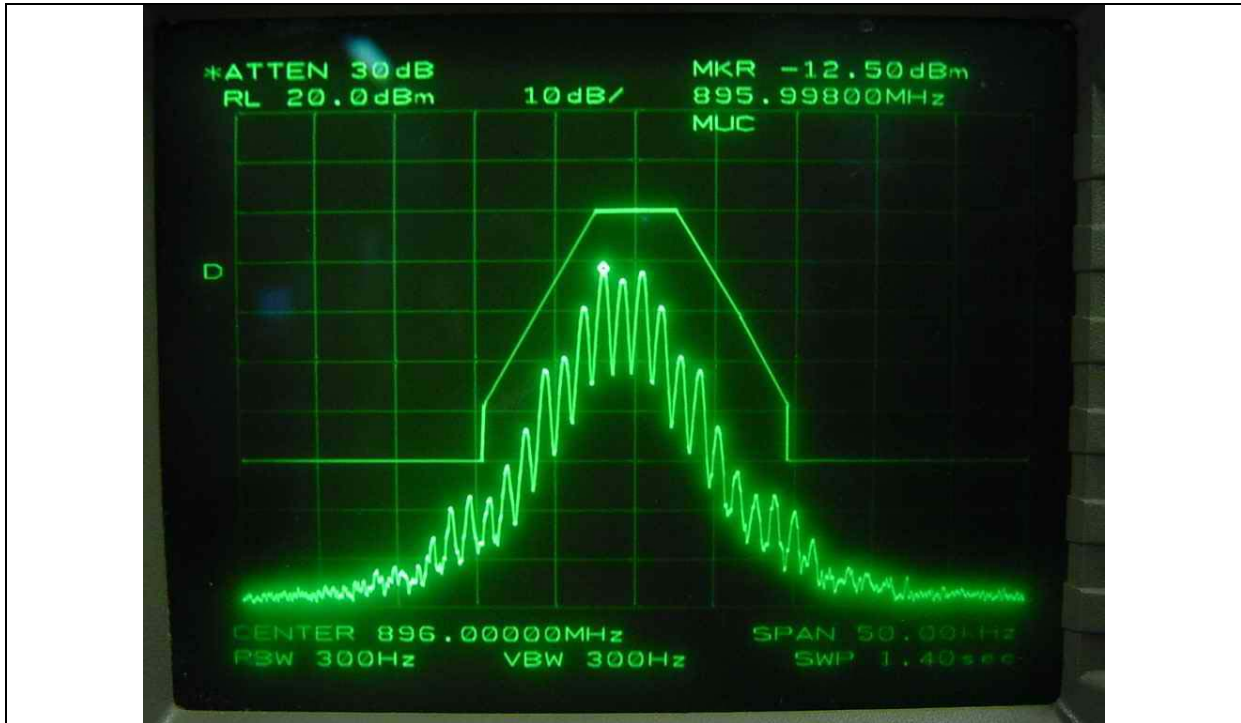
- Test Date : January 17, 2006
- Test Result : Pass

CHANNEL	FREQUENCY(MHz)	MEASURED VLAUE (kHz)	LIMIT (kHz)	MARGIN (kHz)
Low	896.0	8.167	10.0 kHz for Part 24	-1.837
High	902.0	7.917	13.6 kHz for Part 90	

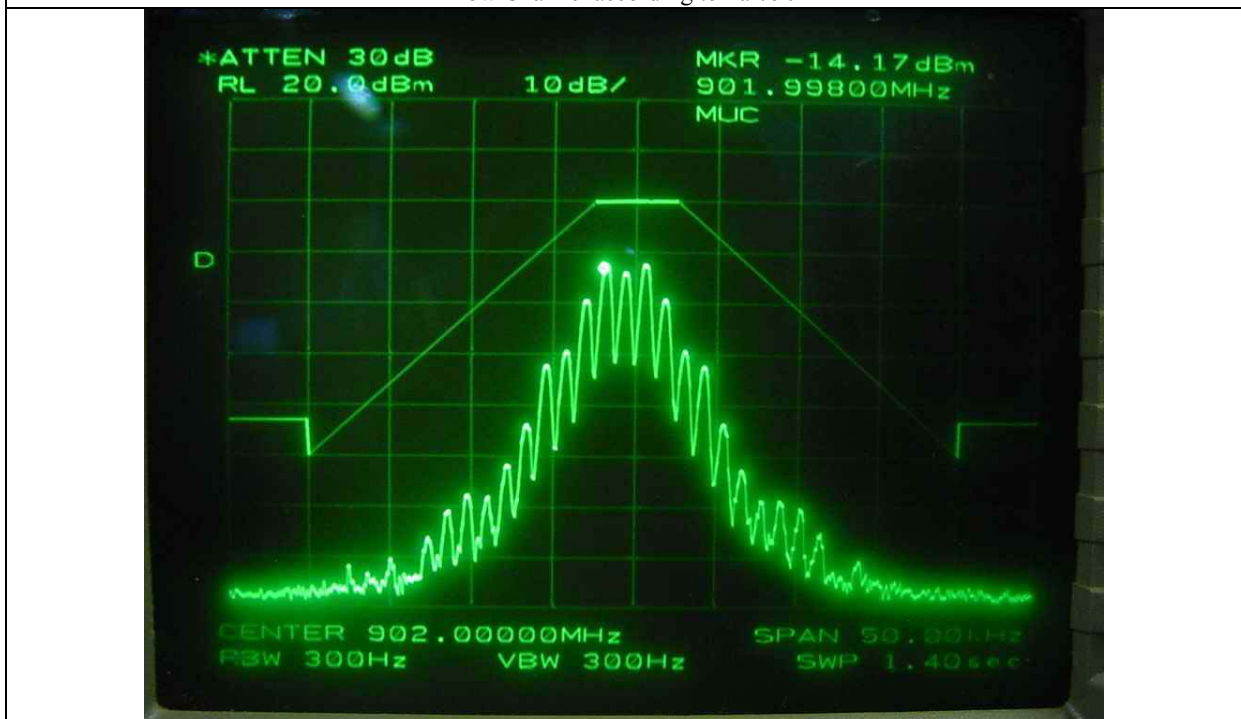


Tested by: Ki-Hong, Nam / Test Engineer





Low Channel according to Part 90



High Channel according to Part 24D

9. SPURIOUS EMISSION AT ANTENNA TERMINAL

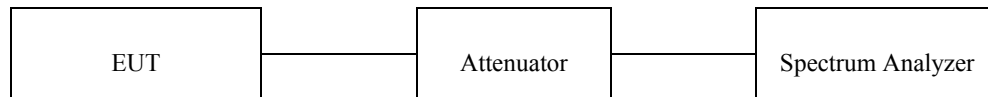
9.1 Operating environment

Temperature : 19°C

Relative humidity : 42 %

9.2 Test set-up for conducted measurement

The RF output port of the EUT was connected to the input of the spectrum analyzer through sufficient attenuation. The resolution bandwidth and video bandwidth of the spectrum analyzer was set at 100 kHz and sufficient scans were taken to show any out of band emissions up to 10 GHz.



9.3 Test equipment used

Model Number	Manufacturer	Description	Serial Number
■ - 8564E	HP	Spectrum Analyzer	3650A00756
■ - N/A	HP	30dB Attenuator Assembly	2350A3133
■ - 3033B	B&J TMI	DC Power Supply	2056036

All test equipment used is calibrated on a regular basis.

9.4. Test data

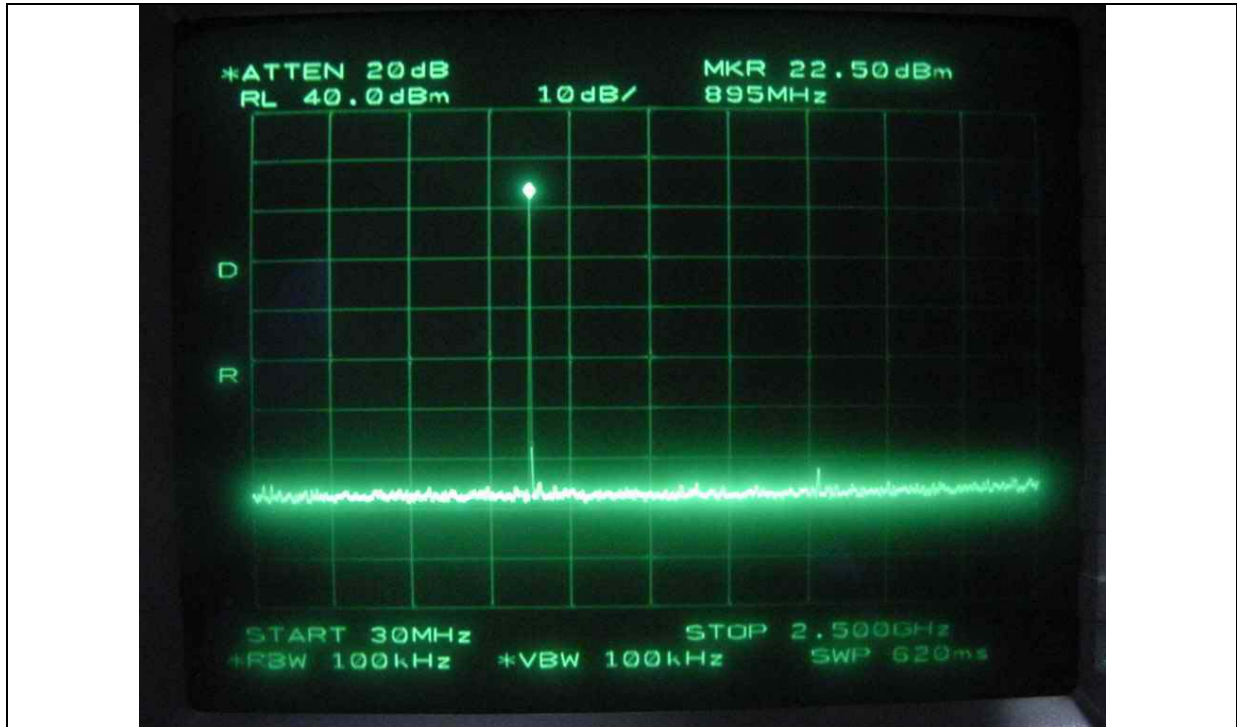
- Test Date : January 17, 2006
 - Frequency range : 30 MHz ~ 10 GHz
 - Result : PASSED BY -11.477 dB at High Channel

Carrier Freq. (MHz)	Harmonic Freq. (MHz)	Measured Value (dBm)	Cable Loss (dB)	TOTAL (dBm)	Limit (dBm)	Margin (dB)
896.0	1788	-32.50	0.67	-31.83	-13.0	-20.83
	2675	-23.83	1.06	-22.77		-11.77
	3575	-23.67	1.19	-22.48		-11.48
	4475	-29.17	1.62	-27.55		-16.55
902.0	1800	-34.17	0.67	-33.50	-13.0	-22.50
	2700	-23.67	1.08	-22.59		-11.59
	3600	-23.67	1.20	-22.47		-11.47
	4500	-29.33	1.63	-27.70		-16.70

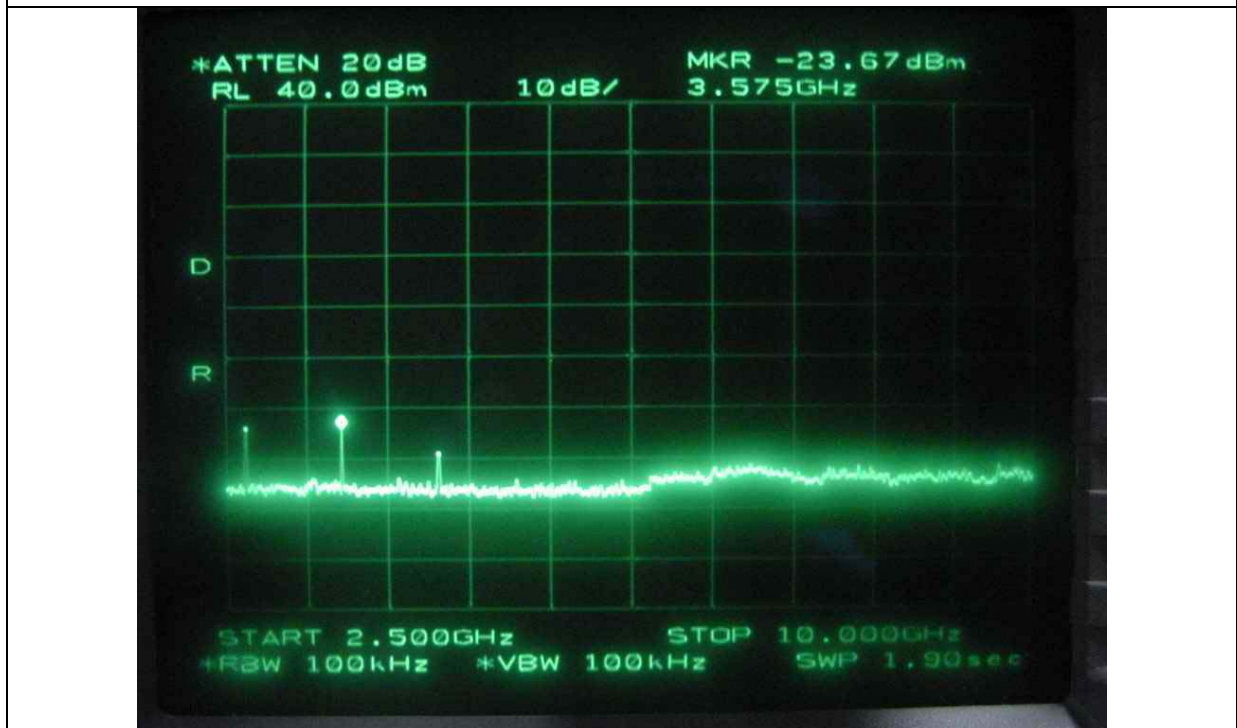
According to Part 24D, out of band emission shall be attenuated by $43 + 10 \log (P)$ dBc, equates to -13.0dBm.



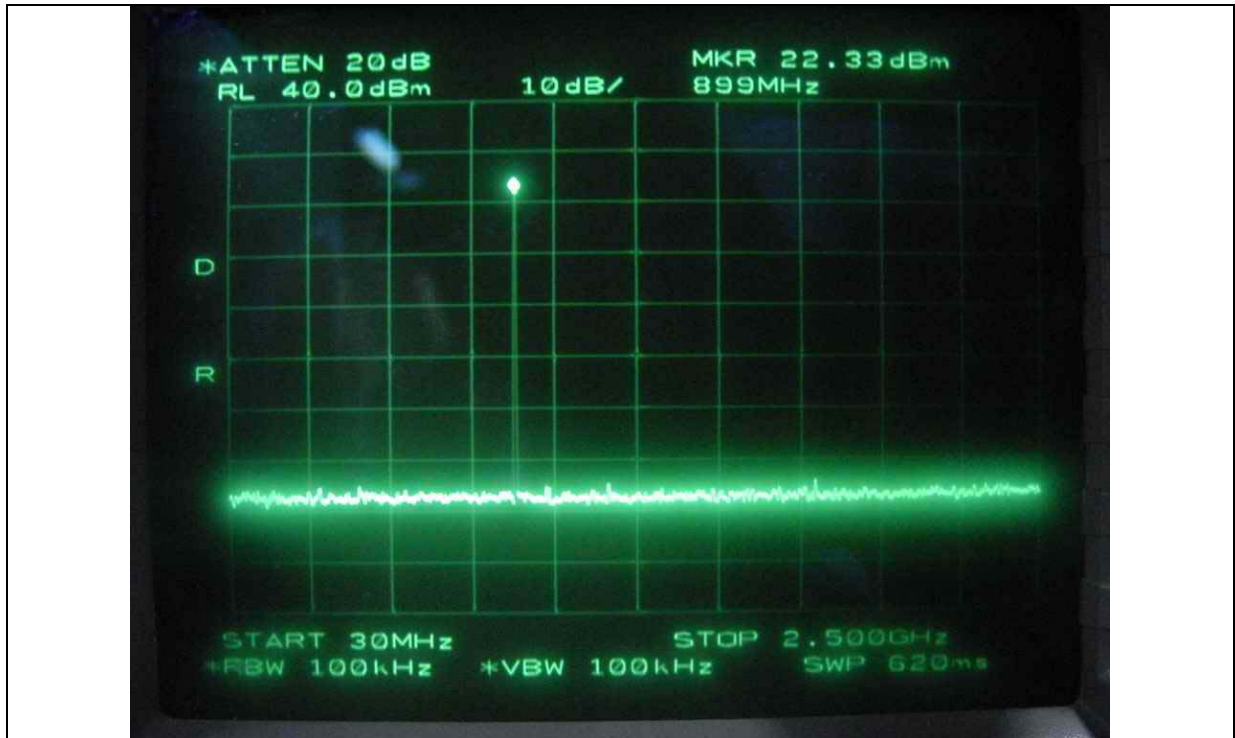
Tested by: Ki-Hong, Nam / Test Engineer



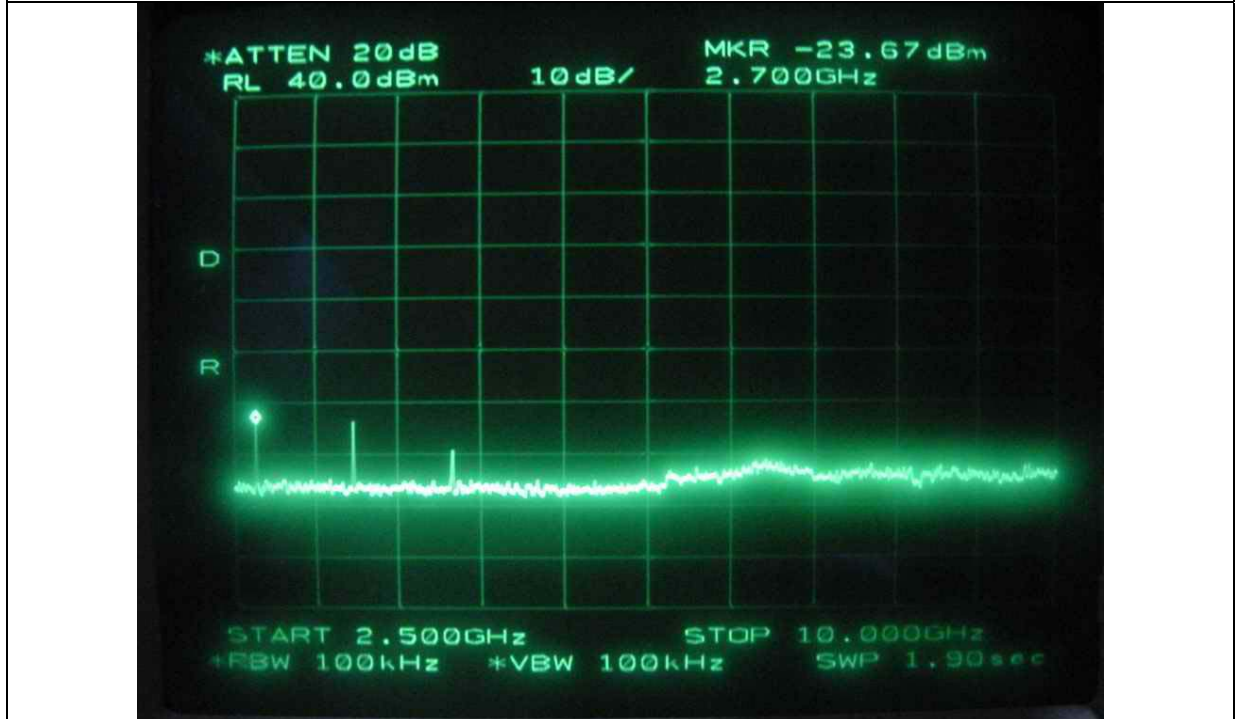
Low Channel



Low Channel



High Channel



High Channel

10 FIELD STRENGTH OF SPURIOUS RADIATION

10.1 Operating environment

Temperature : 13°C
Relative humidity : 47 %

10.2 Test set-up

The radiated emissions measurements were on the 3 meters, open-field test site. The EUT and other support equipment were placed on a non-conductive turntable above the ground plane. The interconnecting cables from outside test site were inserted into ferrite clamps at the point where the cables reach the turntable.

The frequency spectrum from 30MHz to up to 10th harmonic of the fundamental frequency was scanned and emission levels maximized at each frequency recorded. The system was rotated 360°, and the antenna was varied in height between 1.0 and 4.0 meters in order to determine the maximum emission levels. The test was performed by placing the EUT on 3-orthogonal axis. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

10.3 Test equipment used

Model Number	Manufacturer	Description	Serial Number
■ - ESVS10	Rohde & Schwarz	EMI Test Receiver	827864/005
■ - 85650A	Hewlett Packard	Quasi-Peak Adapter	3107A01542
■ - 8568B	Hewlett-Packard	Spectrum Analyzer	3109A05456
■ - 85685A	Hewlett-Packard	RF Preselector	3107A01264
■ - 8564E	Hewlett-Packard	Spectrum Analyzer	3650A00756
■ - 8449B	Hewlett-Packard	Preamplifier	3008A00833
□ - 83051A	Agilent	Preamplifier	3950M00201
■ - BBHA9170	Schwarzbeck	Horn Antenna	BBHA9170178
□ - 8449B	Hewlett-Packard	RF Amplifier	3008A00833
□ - 8447F	HP	RF Amplifier	3113A04554
■ - 1070-1	EMCO	Antenna Master	9109-1624
■ - MA220	HD	Turn Table	N/A
■ - HD240	HD	Antenna Mast	N/A
■ - 3104C	EMCO	Biconical Antenna	9109-4441
■ - 3146	EMCO	Log Periodic Antenna	9109-3214
■ - YSE 500B	YoungShin Eng.	Frequency Converter	950413001
■ - ETCR-10	DaeHa	Automatic Voltage Com.	N/A

All test equipment used is calibrated on a regular basis.

10.4 Test data for Spurious & Harmonic Radiated Emission radiated emission

10.4.1 Test data for Eagle 2 Model

- Test Date : January 19 ~ 20, 2006
- Resolution bandwidth : 1 MHz for Peak and Average Mode
- Video bandwidth : 1 MHz for Peak Mode, 10Hz for Average Mode
- Frequency range : 1 GHz ~ 10 GHz
- Measurement distance : 3m
- Result : PASSED BY -16.24 dB at 2688.00 MHz of Low Channel

Frequency (MHz)	Spectrum Reading (dBuV)	Generator Reading (dBm)	Ant. Gain (dBi)	Ant. Pol. (H/V)	Dipole Gain (dB)	Cable Loss (dB)	Total (dBm)	Limit (dBm)	Margin (dB)
Test Data for Low Channel, 896.0 MHz									
896.0	107.00	30.50		H	0	0.84	29.96		
896.0	105.10	29.10		V	0	0.84	28.26		
1792.0	42.15	-37.80	10.32	H	2.15	1.17	-30.80	-13.0	-19.80
1792.0	39.83	-40.55	10.32	V	2.15	1.17	-33.55	-13.0	-22.55
2688.0	44.50	-35.71	10.95	H	2.15	1.33	-28.24	-13.0	-17.24
2688.0	40.75	-39.50	10.95	V	2.15	1.33	-32.03	-13.0	-21.03
Test Data for High Channel, 902.0 MHz									
902.0	106.17	30.50		H	0	0.84	29.66		
902.0	103.83	28.00		V	0	0.84	27.16		
1804.0	41.83	-37.30	10.35	H	2.15	1.17	-20.27	-13.0	-19.27
1804.0	37.83	-43.10	10.35	V	2.15	1.17	-36.07	-13.0	-25.07
2706.0	44.33	-36.00	10.97	H	2.15	1.33	-28.51	-13.0	-17.51
2706.0	37.00	-43.20	10.97	V	2.15	1.33	-35.71	-13.0	-24.71

Tabulated test data for Restricted Band

Remark: "H": Horizontal, "V": Vertical,

기홍

Tested by: Ki-Hong, Nam / Test Engineer

11. MAXIMUM PERMISSIBLE EXPOSURE

11.1 RF Exposure Calculation

According to the FCC rule 1.1310 table 1B, the limit for the maximum permissible RF exposure for an uncontrolled environment is 1mW/cm².

The electric field generated for a 1mW/cm² exposure is calculated as follows:

$$E = \sqrt{(30 * P * G) / d}, \text{ and } S = E^2 / Z = E^2 / 3770, \text{ because } 1\text{mW} / \text{cm}^2 = 10\text{W} / \text{m}^2$$

Where

S = Power density in mW/cm², Z = Impedance of free space, 377Ω

E = Electric field strength in Volts/m, G = Numeric antenna gain, and d = distance in meter

Combining equations and rearranging the terms to express the distance as a function of the remaining variable

$$S = (30 * P * G) / 3770d^2$$

Changing to units of mW and cm, using P (mW) = P (W) / 1000, d (cm) = d (m)/100,

$$S = 30 * (P/1000) * G / (3770 * (d/100)^2) = 0.0796 * P * G / d^2$$

Where

d = distance in cm, P = Power in mW, G = Numeric antenna gain, and S = Power density in mW/cm²

10.2 Calculated Power Density at 20cm

According to above equation, the following result was obtained and the limit for maximum value of power density,

Power density, S = 0.6mW/cm² according to the rule 1.1310 Table 1 B.

Operating Mode	Peak Output Power		Antenna Gain		Minimum Separation Distance (cm)	Power Density @ 20 cm (mW/cm ²)	Power Density Limit (mW/cm ²)
	(dBm)	(mW)	dBi	Numeric			
Tx Mode	23.17	207.49	1.5	1.41	20	0.058	0.6

According to the User's guide, the separation between the EUT and a person shall be at least 20cm, so the EUT meets the MPE requirement.

Following Caution on the manual will be described.

“CAUTION: Exposure to Radio Frequency Radiation.

Antenna shall be mounted in such a manner to minimize the potential for human contact during normal operation. The antenna should not be contacted during operation to avoid the possibility of exceeding the FCC radio frequency exposure limit.”

12. FREQUENCY STABILITY WITH TEMPERATURE VARIATION

12.1 Operating environment

Temperature : 18°C
Relative humidity : 40 %

12.2 Test set-up

The EUT was connected to an external DC power supply and the RF output port of the EUT was connected to a frequency counter via feed-through attenuators. The EUT was placed inside of the temperature chamber. The DC leads and RF output cable exited the chamber through an opening made for the purpose.

Turn EUT off and set chamber temperature to -30°C and then allow sufficient time (approximately 20 to 30 minutes after chamber reach the assigned temperature) for EUT to stabilize. Turn ON EUT and measure the EUT operating frequency and then turn off the EUT after the measurement.

Repeat above method emission measurements at +50°C and then record all measured frequencies on each temperature step.

12.3 Test equipment used

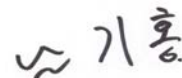
Model Number	Manufacturer	Description	Serial Number
■ - 8564E	HP	Spectrum Analyzer	3650A00756
■ - 53152A	HP	Frequency Counter	US39270295
■ - N/A	HP	30 dB Attenuator Assembly	2350A03133
■ - 3033B	B&J TMI	DC Power Supply	2056036
■ - EY-101	Tabai ESPEC Corp.	Chamber	5104390

All test equipment used is calibrated on a regular basis.

12.4 Test data

- Test Date : January 18, 2006
- Operating Condition : 800/1600/6400/9200 bps was transmitted.
- Result : PASSED BY -0.67 PPM at 0°C on 896MHz

Temperature (°C)	Center Freq. (Hz)	Measured Freq.(Hz)	Result (PPM)	Limit
-30	896000000	895999626	0.4174107	1 PPM
-20		895999663	0.3761161	
-10		896000454	0.5066964	
0		896000602	0.6718750	
10		896000526	0.5870536	
20		896000274	0.3058036	
30		895999941	0.0658482	
40		895999911	0.0993304	
50		896000152	0.1696429	
-30	902000000	901999451	0.6086475	1 PPM
-20		902000226	0.2505543	
-10		902000447	0.4955654	
0		902000568	0.6297118	
10		902000558	0.6186253	
20		902000335	0.3713969	
30		902000024	0.0266075	
40		901999817	0.2028825	
50		902000209	0.2317073	



Tested by: Ki-Hong, Nam / Test Engineer

13. FREQUENCY STABILITY WITH VOLTAGE VARIATION

13.1 Operating environment

Temperature : 18°C

Relative humidity : 40 %

13.2 Test set-up

An external variable DC power supply was connected to the battery terminals of the EUT. The voltage of EUT set to 115% of the nominal value and was then decreased until the EUT light no longer illuminated; i.e., the battery end point. The output frequency was recorded for each battery voltage.

13.3 Test equipment used

Model Number	Manufacturer	Description	Serial Number
■ - 8564E	HP	Spectrum Analyzer	3650A00756
■ - 53152A	HP	Frequency Counter	US39270295
■ - N/A	HP	30 dB Attenuator Assembly	2350A03133
■ - 3033B	B&J TMI	DC Power Supply	2056036

All test equipment used is calibrated on a regular basis.

13.4 Test data

- Test Date : January 18, 2006
- Rated Supply Voltage : 12.0Vdc
- Result : PASSED BY 0.41 PPM at 13.8Vdc on 902 MHz

Voltage (Vdc)	Carrier Freq. (Hz)	Measured Freq. (Hz)	Result (PPM)	Limit
13.8	896000000	896000295	0.3292411	1 PPM
10.2		896000267	0.2979911	
13.8	902000000	902000367	0.4068736	1 PPM
10.2		902000335	0.3713969	



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14. FIELD STRENGTH OF SPURIOUS RADIATED EMISSION IN RECEIVING MODE

14.1 Operating environment

Temperature : 13°C

Relative humidity : 47 %

14.2 Test set-up

The radiated emissions measurements were on the 3 meters, open-field test site. The EUT and other support equipment were placed on a non-conductive turntable above the ground plane. The interconnecting cables from outside test site were inserted into ferrite clamps at the point where the cables reach the turntable.

The frequency spectrum from 30MHz to 1000MHz was scanned and emission levels maximized at each frequency recorded. The system was rotated 360°, and the antenna was varied in height between 1.0 and 4.0 meters in order to determine the maximum emission levels. This procedure was performed for both horizontal and vertical polarization of the receiving antenna.

14.3 Test equipment used

Model Number	Manufacturer	Description	Serial Number
■ - ESVS10	Rohde & Schwarz	EMI Test Receiver	827864/005
■ - 85650A	Hewlett Packard	Quasi-Peak Adapter	3107A01542
■ - 8568B	Hewlett-Packard	Spectrum Analyzer	3109A05456
■ - 85685A	Hewlett-Packard	RF Preselector	3107A01264
□ - 8449B	Hewlett-Packard	RF Amplifier	3008A00833
□ - 8447F	HP	RF Amplifier	3113A04554
■ - 1070-1	EMCO	Antenna Master	9109-1624
■ - MA220	HD	Turn Table	N/A
■ - HD240	HD	Antenna Mast	N/A
■ - 3104C	EMCO	Biconical Antenna	9109-4441
■ - 3146	EMCO	Log Periodic Antenna	9109-3214
■ - YSE 500B	YoungShin Eng.	Frequency Converter	950413001
■ - ETCR-10	DaeHa	Automatic Voltage Com.	N/A

All test equipment used is calibrated on a regular basis.

14.4 Test data**14.4.1 Test data**

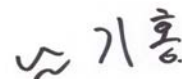
- Test Date : January 19, 2006
- Resolution bandwidth : 120 kHz
- Frequency range : 30MHz ~ 2.0GHz
- Measurement distance : 3m
- Operating Condition : Receiving mode at Low and High Channel
- Result : PASSED BY 6.21 dB at 280.01 MHz

Frequency (MHz)	Reading (dBuV)	Ant. Pol. (H/V)	Ant. Factor (dB/m)	Cable Loss	Emission Level(dBuV/m)	Limits (dBuV/m)	Margin (dB)
124.00	14.76	H	13.32	2.08	30.16	43.52	-13.36
170.51	13.52	H	15.66	2.42	31.60	43.52	-11.92
240.28	14.36	H	16.79	3.24	34.39	46.02	-11.63
260.63	13.66	H	17.35	3.44	34.45	46.02	-11.57
280.01	16.21	H	20.04	3.56	39.81	46.02	-6.21
371.01	17.00	H	14.81	4.28	36.09	46.02	-9.93
391.45	15.10	H	15.27	4.37	34.74	46.02	-11.28
884.68	9.65	H	22.82	7.10	39.57	46.02	-6.45
890.49	9.35	H	22.87	7.10	39.32	46.02	-6.70
It was not observed any emission from the EUT up to 2.0GHz.							

Tabulated test data for Radiated Electromagnetic Field

Remark: "H": Horizontal, "V": Vertical

The EUT was tested at 2 channels, but the worst emissions were recorded in this test report.



Tested by: Ki-Hong, Nam / Test Engineer