PCTEST Engineering Laboratory, Inc. 6660-B Dobbin Road • Columbia, MD 21045 • U.S.A. TEL (410) 290-6652 • FAX (410) 290-6654 http://www.pctestlab.com



### CERTIFICATE OF COMPLIANCE (Part 22 Certification)

LG Information & Communications, Ltd. Communication Terminal Research Lab 60-39, Kasan-dong, Keumchun-Ku Seoul 153-023, KOREA Attn: Mr. Harris Ahn, Principal Engineer Communication Terminal Research Lab Dates of Tests: June 01-04, 1999 Test Report S/N: 22.990601345.FFM Test Site: PCTEST Lab, Columbia, MD

FCC ID

#### FFMLGC800W

APPLICANT

LG Information & Communications, Ltd.

Classification: FCC Rule Part(s): EUT Type: Trade Name/Model(s): Tx Frequency Range: Rx Frequency Range: Max Output Power: Frequency Tolerance: Non-Broadcast Transmitter Held to Ear (TNE) §§§§22(H), 2.983, 2.987 Single-Mode Cellular CDMA Phone *LGIC LGC-800W* 824.64 ~ 848.37 MHz 869.64 ~ 893.37 MHz 0.2 W (ERP) 0.00025% (2.5 ppm)

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in §2.947 with the following remarks (Note Codes):

990601345.

\* (BC) The output power is continuously variable from the value listed in this entry to 5%-10% of the value listed.

attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

PCTEST certifies that no party to this application has been denied the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853(a)

Randy Ortanez President & Chief Engineer

FFN

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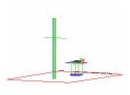
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PCTEST Engineering Laboratory, Inc. FCC Part 22

FCC Part 22 Certification

# MEASUREMENT REPORT

Scope - Measurement and determination of electromagnetic emissions (EME) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission.



#### §2983(a) General Information

Applicant Name:	LG Information & Communications, Ltd.
	Communication Terminal Research Lab
Address:	60-39, Kasan-dong, Keumchun-Ku
	Seoul 153-023, KOREA
Attention:	Mr. Harris Ahn, Principal Engineer
	Communication Terminal Research Lab

FFMLGC800W

LGC-800W

1M25F9W

CDMA

0.2W (ERP)

± 0.00025% (2.5 ppm)

§§§§ 22(H), 2.983, 2.987

3.6 VDC mAh Li-lon

June 01-04, 1999

22.990601345.FFM

Quantity production is planned

Non-Broadcast Transmitter Held to Ear (TNE)

Single-Mode Cellular CDMA Phone

120 VAC 60 Hz (Model: LGFC-WLI)

LGIC

•	§2983(b) FCC ID:

- Trade Name:
- Model(s):
- §2983(c) Quantity:
- §2.983(d) Emission Designator:
- • §2.983(d) Tx Freq. Range:
   824.64 848.37 MHz

   Rx Freq. Range:
   869.64 893.37 MHz
- Equipment Class:
- Equipment Type:
- Modulation:
- Frequency Tolerance:
- §2.983(d) Max. Power:
- FCC Rule Part(s):
- AC/DC Charger:
- Battery Pack:
- Dates of Tests:
- Place of Tests: PCTEST Lab, Columbia, MD U.S.A.
- Test Report S/N:

NVLAD

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# **1.1 INTRODUCTION**



Figure 1. Map of the Greater Baltimore and Metropolitan Washington, D.C. area.

These measurement tests were conducted at **PCTEST Engineering Laboratory, Inc.** facility in New Concept Business Park, Guilford Industrial Park, Columbia, Maryland. The site address is 6660-B Dobbin Road, Columbia, MD 21045. The test site is one of the highest points in the Columbia area with an elevation of 390 feet above mean sea level. The site coordinates are 39° 11'15" N latitude and 76° 49'38" W longitude. The facility is 1.5 miles North of the FCC laboratory, and the ambient signal and ambient signal strength are approximately equal to those of the FCC laboratory. There are no FM or TV transmitters within 15 miles of the site. The detailed description of the measurement facility was found to be in compliance with the requirements of § 2.948 according to ANSI C63.4 on October 19, 1992.

### The rac outdoors equipme

#### **Measurement Procedure**

The radiated and spurious measurements were made outdoors at 3-meter test range (see Figure2). The equipment under test is placed on the turntable connected to a RF wattmeter and a dummy RF load, and then its power is adjusted to its rated output. A receiving antenna located 2 meters from the turntable picks up any signal radiated from the transmitter. The turntable containing the system was rotated; the receiving antenna height was varied 1 to 4 meters and stopped at the azimuth or height producing the maximum emission. The testing procedure is repeated for both horizontal and vertical polarization of the receiving antenna. The actual radiated signal strength is obtained by substitution method with a signal generator with a calibrated output. The signal generator is adjusted in output until its reading is identical to that obtained when the receiving antenna is connected to the receiver. Signal strength is then read directly from the signal generator.

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## 2.1 INSERTS PER §2.983(d)

## §2.983(d) Function of Active Devices (Confidential)

The Function of active devices are shown in Attachment K.

## §2.983(d) Block/Circuit Diagrams & Description (Confidential)

The schematic diagrams & circuit description are shown in Attachment J. The block diagram(s) are shown in Attachment I.

## §2.983(d) Operating Instructions

The instruction manual is shown in Attachment M.

## §2.983(d) Tune-Up Procedure (Confidential)

The tune-up procedure is shown in Attachment K.

## §2.983(d) Description of Freq. Stabilization Circuit (Confidential)

The description of frequency stabilization circuit is shown in Attachment L.

### §2.983(d) Description for Suppression of Spurious Radiation, for Limiting Modulation, and Harmonic Suppresion Circuits (Confidential)

The description of suppression stabilization circuits are shown in Attachment K.

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## **3.1 DESCRIPTION OF TESTS**

### 3.2 §2.987(a) Transmitter Audio Frequency Response

The frequency response of the audio modulating circuit over the frequency range 100 – 5000 Hz is measured. The audio signal generator is connected to the audio input circuit/microphone of the EUT. The audio signal input is adjusted to obtain 50% modulation at 1kHz and this point is taken as the 0dB reference. With the input held constant and below the limit at all frequencies, the audio signal generator is varied from 100 to 50 kHz. The response in dB relative to 1kHz is measured using the HP8901 a Modulation Analyzer. For the frequency response of the audio low-pass filter, the audio input is connected at the input to the modulation limiter and the modulated stage. The audio output is connected at the output of the modulated stage. The corresponding plots are shown herein

## 3.3 §2.987(b) Modulation Limiting.

The audio signal generator is connected to the audio input circuit/microphone of the EUT. The modulation response is measured for each of the three modulating frequencies (300Hz, 1000 Hz, and 2990Hz), and the input voltage is varied from 30% modulation (±3.6kHz deviation) to at least 20dB higher than the saturation point. Measurements of modulation and the plots are attached herein.

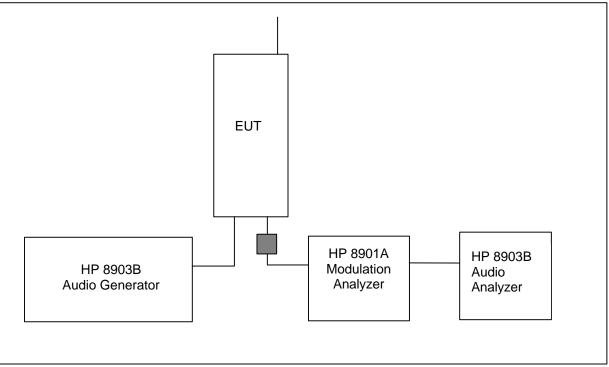


Fig. 3. Transmitter Audio Freq. Test Setup

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## 3.1 DESCRIPTION OF TESTS (CONTINUED)

## 3.4 §2.989(c) Occupied Bandwidth

The audio signal generator is adjusted to 1kHz. The output level is set to +/- 6kHz deviation. With the level constant, the freq. Is set to 2,500Hz. Then the audio signal level is increased by 16dB. The occupied bandwidth data is obtained for the SAT (Supervisory Audio Tone), ST (Signaling Tone), WBD (Wideband Data), and DTMF (Dual Tone Multi Frequencies). The results are shown on the attached graphs.

Specified Limits:

- (a) On any frequency removed from the assigned carrier frequency by more than 20kHz, up to and including 45kHz, the sideband is at least 26dB below the carrier.
- (b) On any frequency removed from the assigned carrier frequency by more than 45kHz, up to and including 90kHz, the sideband is at least 45dB below the carrier.
- (c) On any frequency removed from the assigned carrier frequency by more than 90kHz, up to the first multiple of the carrier frequency, the sideband is at least 60dB below the carrier of 40 + log<sub>10</sub> (mean power output in Watts) dB, whichever is the smaller attenuation.

## 3.5 §2.991 Spurious and Harmonic Emissions at Antenna Terminal

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to 10 GHz. The transmitter is modulated with a 2500Hz tone at a level of 16dB greater than that required to provided 50% modulation.

At the input terminals of the spectrum analyzer, an isolator (RF circulator with on port terminated with 50 ohms) and an 870 MHz to 890 MHz bandpass filter is connected between the test transceiver (for conducted tests) or the receive antenna (for radiated tests) and the analyzer. The rejection of the bandpass filter to signals in the 825 – 845 MHz range is adequate to limit the transmit energy from the test transceiver which appears to a level which will allow the analyzer to measure signals less than –90dBm. Calibration of the test receiver is performed in the 870 – 890 MHz range to insure accuracy to allow variation in the passband filter insertion loss to be calibrated.

## 3.7 §2.993 Radiation Spurious and Harmonic Emissions

Radiation and harmonic emissions above 1 GHz is measured at out 3-meter indoor site. The EUT is placed on the turntable connected to a dummy load in normal operation using the intended power source. A receiving antenna located 3 meters from the turntable receives any signal radiated from the transmitter and its operating accessories. The antenna is varied from 1 to 4 meters and the polarization is varied (horizontal and vertical) to determine the worst-case emission level. To obtain actual radiated signal strength, a signal generator is adjusted in output until a reading identical to that obtained with the actual transmitter is obtained at the receiver. Signal strength is read directly from the generator and recorded on the attached table.

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# **3.1 DESCRIPTION OF TESTS (CONTINUED)**

## 3.8 §2.995 Frequency Stability/Temperature Variation

The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +60°C using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the voltage normally at the input to the device or at the power supply terminals if cables are not normally supplied.

Specification – The minimum frequency stability shall be +/- 0.00025% at any time during normal operation.

#### Time Period and Procedure:

- 1. The carrier frequency of the transmitter and the individual oscillators is measured at room temperature (25°C to 27°C to provide a reference).
- 2. The equipment is subjected to an overnight "soak" at -30°C without any power applied.
- 3. After the overnight "soak" at 30°C (usually 14-16 hours), the equipment is turned on in a "standby" condition for one minute before applying power to the transmitter. Measurement of the carrier frequency of the transmitter and the individual oscillators is made within a three minute interval after applying power to the transmitter.
- 4. Frequency measurements is made at 10°C interval up to room temperature. At least a period of one and one half hour is provided to allow stabilization of the equipment at each temperature level.
- 5. Again the transmitter carrier frequency and the individual oscillators is measured at room temperature to begin measurement of the upper temperature levels.
- 6. Frequency were made at 10 intervals starting at 30°C up to +50°C allowing at least two hours at each temperature for stabilization. In all measurements the frequency is measured within three minutes after applying power to the transmitter.
- 7. The artificial load is mounted external to the temperature chamber.

#### NOTE: The EUT is tested down to the battery endpoint.

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### § 22.913 Effective Radiated Power Output

#### B. POWER: High (CDMA Mode)

Freq. Tuned (M Hz)	<b>LEVEL</b> (dBm)	AFCL (dB)	<b>POL</b> (H /V )	<b>F /S</b> (μ <sup>V /m)</sup>	ERP (W)	ERP (dBm)	Battery
824.64	-18.4	31.66	V	1034904	0.19638	22.92	Standard
835.89	-18.4	31.80	v	1051795	0.20285	23.06	Standard
848.37	-19.0	31.95	v	994790	0.18146	22.58	Standard
835.89	-18.5	31.80	v	1034978	0.19641	22.92	Slim
835.89	-18.5	31.80	V	1034978	0.19641	22.92	Extended

#### NOTES:

The EUT is placed 3m. away from the receiving antenna and the ERP

is calculated using the formula:

ERP (dBm) = 10 Log 10 (((r(mV/m)/1 x 106)2 / 49.2/1 x 10-3)

ERP (dBm) = 10 Log 10 [ (3 x FS/1 x 106)2 / (49.2) x 1000]

ERP (Watts) = {(3 x FS)/1 x 106}2 / 49.2

## **Radiated Measurements**

### § 2.993 Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY:	824.64	MHz
CHANNEL:	1016 (Low)	_
MEASURED OUTPUT POWER:	23.00 dBm =	0.20 W
MODULATION SIGNAL:	CDMA (Internal)	
DISTANCE:	3	meters
LIMIT:	43 + 10 log10 (W) =	= 36.01 dBc

FREQ. (MHz)	<b>LEVEL</b> (dBm)	AFCL (dB)	<b>POL</b> (H/V)	<b>F/S</b> ( <sub>µ</sub> V/m)	ERP (dBm)	(dBc)
1 ( 10, 00	70.5	24.6				50.0
1649.28	-73.5	34.6	V	2541.0	-29.28	52.3
2473.92	-88.8	38.8	V	707.9	-40.38	63.4
3298.56	-106.0	42.6	V	151.4	-53.78	76.8
4123.20	-127.0	46.2	V	20.4	-71.18	94.2

#### NOTES:

- 1. The bandwidth is set per §22.917 (RBW = 1MHz, VBW = 1MHz).
- 2. The spectrum was checked from 25 MHz up to the 10th harmonic.
- 3. All emissions not listed were found to be more than 20dB below the limit.
- 4. < -130dBm is below the floor of the spectrum analyzer.
- 5. The EUT is manipulated through 3 orthogonal axis and the worst-case are reported.
- 6. The EUT is placed 3m. away from the receiving antenna and the ERP is calculated using the formula:
  - ERP (dBm) = 10 Log<sub>10</sub> ((( $r(mV/m)/1 \times 10^6)^2 / 49.2/1 \times 10^{-3}$ )
  - ERP (dBm) =  $10 \text{ Log}_{10} [(3 \text{ x FS/1 x } 10^6)^2 / (49.2) \text{ x } 1000]$
  - ERP (Watts) =  $\{(3 \times FS)/1 \times 10^6\}^2 / 49.2$

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## **Radiated Measurements**

## § 2.993 Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY:	835.89	MHz
CHANNEL:	383 (Middle)	
MEASURED OUTPUT POWER:	23.00 dBm =	0.20
MODULATION SIGNAL:	CDMA (Internal)	
DISTANCE:	3	meters
LIMIT:	$43 + 10 \log 10 (W) =$	36.01

FREQ.	LEVEL	AFCL	POL	F/S	ERP	
(MHz)	(dBm)	(dB)	(H/V)	( <sub>µ</sub> V/m)	(dBm)	(dBc)
1671.78	-72.0	34.7	V	3054.9	-27.68	50.7
2507.67	-90.0	39.0	V	631.0	-41.38	64.4
3343.56	-107.0	42.7	V	136.5	-54.68	77.7
4179.45	-126.5	46.1	V	21.4	-70.78	93.8

W

dBc

#### NOTES:

- 1. The bandwidth is set per §22.917 (RBW = 1MHz, VBW = 1MHz).
- 2. The spectrum was checked from 25 MHz up to the 10th harmonic.
- 3. All emissions not listed were found to be more than 20dB below the limit.
- 4. < -130dBm is below the floor of the spectrum analyzer.
- 5. The EUT is manipulated through 3 orthogonal axis and the worst-case are reported.
- 6. The EUT is placed 3m. away from the receiving antenna and the ERP is calculated using the formula:
  - ERP (dBm) = 10 Log  $_{10}$  (((r(mV/m)/1 x 10<sup>6</sup>)<sup>2</sup> / 49.2/1 x 10<sup>-3</sup>)
  - ERP (dBm) =  $10 \text{ Log}_{10} [(3 \text{ x FS/1 x } 10^6)^2 / (49.2) \text{ x } 1000]$
  - ERP (Watts) =  $\{(3 \times FS)/1 \times 10^6\}^2 / 49.2$

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## **Radiated Measurements**

## § 2.993 Field Strength of SPURIOUS Radiation

OPERATING FREQUENCY: CHANNEL: MEASURED OUTPUT POWER: MODULATION SIGNAL: DISTANCE: LIMIT:

	848.37	MHz	
	779 (High)		
	23.00 dBm =	0.20	W
	CDMA (Internal)		-
	3	meters	
:	$43 + 10 \log 10 (W) =$	36.01	dBc

FREQ.	LEVEL	AFCL	POL	F/S	ERP	
(MHz)	(dBm)	(dB)	(H/V)	(µV/m)	(dBm)	(dBc)
1696.74	-73.0	34.8	V	2754.2	-28.58	51.6
2545.11	-89.0	39.3	V	732.8	-40.08	63.1
3393.48	-107.2	43.1	V	139.6	-54.48	77.5
4241.85	-128.0	46.2	V	18.2	-72.18	95.2

#### NOTES:

- 1. The bandwidth is set per §22.917 (RBW = 1MHz, VBW = 1MHz).
- 2. The spectrum was checked from 25 MHz up to the 10th harmonic.
- 3. All emissions not listed were found to be more than 20dB below the limit.
- 4. < -130dBm is below the floor of the spectrum analyzer.
- 5. The EUT is manipulated through 3 orthogonal axis and the worst-case are reported.
- 6. The EUT is placed 3m. away from the receiving antenna and the ERP is calculated using the formula:
  - ERP (dBm) = 10 Log  $_{10}$  (((r(mV/m)/1 x  $10^6)^2 / 49.2/1 x <math>10^{-3}$ )
  - ERP (dBm) = 10 Log <sub>10</sub> [  $(3 \times FS/1 \times 10^6)^2 / (49.2) \times 1000$ ]
  - ERP (Watts) =  $\{(3 \times FS)/1 \times 10^6\}^2 / 49.2$

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## § 2.995 FREQUENCY STABILITY

OPERATING FREQUENCY:	835,890,012	Hz
CHANNEL:	383	-
REFERENCE VOLTAGE:	3.8	VDC

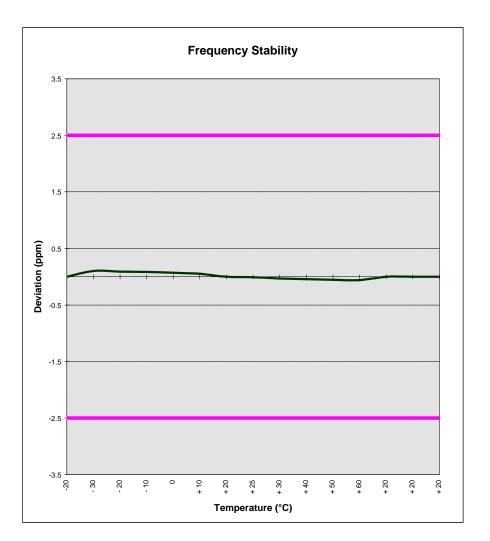
DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

VOLTAGE	POWER	TEMP	FREQ.	Deviation
(%)	(VDC)	(°C)	(Hz)	(%)
100 %	3.80	+ 20 (Ref)	835,890,012	0.000000
100 %		- 30	835,889,928	0.000010
100 %		- 20	835,889,936	0.000009
100 %		- 10	835,889,940	0.000009
100 %		0	835,889,953	0.00007
100 %		+ 10	835,889,969	0.00005
100 %		+ 20	835,890,012	0.000000
100 %		+ 25	835,890,020	-0.000001
100 %		+ 30	835,890,038	-0.000003
100 %		+ 40	835,890,046	-0.000004
100 %		+ 50	835,890,059	-0.000006
100 %		+ 60	835,890,063	-0.000006
85 %	3.23	+ 20	835,890,012	0.000000
115 %	4.37	+ 20	835,890,012	0.000000
BATT. ENDPOINT	2.59	+ 20	835,890,012	0.000000

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#### FCC ID: FFMLGC800W (Tx 824-849MHz) LGIC Cellular CDMA Phone (Model: LGC-800W)

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# § 2.995 FREQUENCY STABILITY

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# 5.1 PLOT(S) OF EMISSIONS

(SEE ATTACHMENT D)

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FCC ID: FFMLGC800W (Tx 824-849MHz) LGIC Cellular CDMA Phone (Model: LGC-800W)

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# 6.1 TEST EQUIPMENT

<u>6.2 Type</u>	Model	Cal. Due Date	S/N
Microwave Spectrum Analyzer	HP 8566B (100Hz-22GHz)	08/15/99	3638A08713
Microwave Spectrum Analyzer	HP 8566B (100Hz-22GHz)		2542A11898
Spectrum Analyzer/Tracking Gen.	HP 8591A (100Hz-1.8GHz)	06/03/00	3144A02458
Signal Generator	HP 8640B (500Hz-1GHz)	06/03/00	2232A19558
Signal Generator*	HP 8640B (500Hz-1GHz)	08/09/99	1851A09816
Signal Generator <sup>*</sup>	Rohde & Schwarz (0.1-1000)		894215/012
Ailtech/Eaton Receiver	NM 37/57A-SL (30-1000M		0792-03271
Ailtech/Eaton Receiver	NM 37/57A (30-1000MHz)		0805-03334
Ailtech/Eaton Receiver	NM 17/27A (0.1-32MHz)	09/17/99	0608-03241
Quasi-Peak Adapter	HP 85650A	08/15/99	2043A00301
Ailtech/Eaton Adapter	CCA-7 CISPR/ANSI QP Adap		0194-04082
RG58 Coax Test Cable	No. 167		n/a
Harmonic/Flicker Test System	HP 6841A (IEC 555-2/3)		3531A00115
Broadband Amplifier (2)	HP 8447D		1145A00470, 1937A03348
Broadband Amplifier	HP 8447F		2443A03784
Transient Limiter	HP 11947A (9kHz-200MHz)	28204	00300
Horn Antenna	EMCO Model 3115 (1-18GHz)	20207	9704-5182
Horn Antenna	EMCO Model 3115 (1-18GHz)		9205-3874
Horn Antenna	EMCO Model 3116 (18-40GH	7)	9203-2178
Biconical Antenna (4)	Eaton 94455/Eaton 94455	,	
Log-Spiral Antenna (3)	Ailtech/Eaton 93490-1	-1/Siliger 74455-1/compilar	0608, 1103, 1104
Roberts Dipoles	Compliance Design (1 set)		0000, 1103, 1104
Ailtech Dipoles	DM-105A (1 set)		33448-111
EMCO LISN	3816/2		1079
EMCO LISN	3816/2		1077
EMCO LISN EMCO LISN	3725/2		2009
Microwave Preamplifier 40dB Gain	HP 83017A (0.5-26.5GHz)		3123A00181
Microwave Cables	MicroCoax (1.0-26.5GHz)		5125400101
Ailtech/Eaton Receiver	NM37/57A-SL		0792-03271
Spectrum Analyzer	HP 8594A		3051A00187
Spectrum Analyzer (2)	HP 8591A		3034A01395, 3108A0205,
Modulation Analyzer	HP 8901A		2432A03467
NTSC Pattern Generator	Leader 408		0377433
Noise Figure Meter	HP 8970B		3106A02189
Noise Figure Meter	Ailtech 7510		TE31700
Noise Generator	Ailtech 7510 Ailtech 7010		1473
Microwave Survey Meter		-U-1)	80931
Digital Thermometer	Holaday Model 1501 (2.450GHz) Extech Instruments 421305		426966
Attenuator	HP 8495A (0-70dB) DC-4G	:Ц <b>7</b>	420700
Bi-Directional Coax Coupler	Narda 3020A (50-1000MH		
Bi-Directional Coax Coupler Shielded Screen Room	RF Lindgren Model 26-2/2-0	4)	6710 (PCT270)
Shielded Screen Room Shielded Semi-Anechoic Chamber	RF Lindgren Wodel 26-2/2-0 Ray Proof Model S81		8710 (PCT270) R2437 (PCT278)
Shielded Semi-Anechoic Chamber Enviromental Chamber		25 (Tomporature/Llumiditu)	PCT285
Enviromental Champer	Associated Systems Model 10.	25 (Temperature/mumidity)	ruizoj

\* Calibration traceable to the National Institute of Standards and Technology (NIST).

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## 7.1 SAMPLE CALCULATIONS

Level  $\mu$ /Vm @ 3 meters = Log 10<sup>-1</sup> (dBm + 107 + AFCL) 20

> Log 10<sup>-1</sup> (-14 + 107 + 31.7) 20

1717908.4 µ/Vm @ 3 meters

Sample Calculation (relative to a dipole) ERP (dBm) = 10 Log<sub>10</sub> ((( $r(\mu V/m)1x10^6$ )<sup>2</sup>/49.2/1x10<sup>-3</sup>) ERP (dBm) = 10 Log<sub>10</sub> (((3(1717908.4)1x10<sup>6</sup>)<sup>2</sup>/49.2/1x10<sup>-3</sup>)

ERP (dBm) = 27.32

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FCC ID: FFMLGC800W (Tx 824-849MHz) LGIC Cellular CDMA Phone (Model: LGC-800W) 15

# 8.1 RECOMMENDATION/CONCLUSION

The data collected shows that the LGIC Single-Mode Cellular CDMA Phone FCC ID: FFMLGC800W complies with all the requirements of Parts 2 and 22 of the FCC rules.