Nemko USA, Inc.
11696 Sorrento Valley Rd., Suite F
San Diego, CA 92121-1024

TEST REPORT FOR CERTIFICATION

Test Report:	2005 020083-FCC
FCC ID:	
Equipment Under Test:	**CDMA 800 Cellular Phone**
Model:	CV343
Applicant:	**VITELCOM MOBILE TECHNOLOGY U.S.A.** **2480 Irvine Boulevard #172** **Tustin, California 92782** **714.389.1169**
In Accordance With:	FCC Part 22, Subpart H
Tested By:	Nemko USA Inc. 11696 Sorrento Valley Road San Diego, CA 92121-1024
Date:	February 28, 2005
Total Number of Pages:	31

Table of Contents

Section 1. Summary of Test Results

General:

All measurements are traceable to national standards.

These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with FCC Part 22.

DOCUMENT HISTORY

REVISION	DATE	COMMENTS
-	February 28, 2005	Prepared By: A. Laudani
-	February 28, 2005	Initial Release: R. L. Hill
Revision A	May 3, 2005	A. Laudani

NOTE: Nemko USA, Inc. hereby makes the following statements so as to conform to Chapter 10 (Test Reports) Requirements of ANSI C63.4 (1992) "Methods and Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz":

- The unit described in this report was received at Nemko USA, Inc.'s facilities on **February 23, 2005**. Testing was performed on the unit described in this report on **February 23, 2005 to** March 8. 2005.
- Retest for Revision A occurred for conducted RF power and frequency stability May 3, 2005.
- The Test Results reported herein apply only to the Unit actually tested, and to substantially identical Units.
- This report does not imply the endorsement of the Federal Communications Commission (FCC), NVLAP or any other government agency.

CERTIFICATION

Nemko USA, Inc., an independent Electromagnetic Compatibility (EMC) Test Laboratory, produced this Test Report and performed the Radio Frequency Interference (RFI) testing and data evaluation contained herein.

Nemko USA, Inc.'s measurement facility is currently registered with the United States Federal Communications Commission (FCC) in accordance with the provisions of 47 United States Code (CFR) Part 2, Subpart I, Section 2.948(a). A current description of Nemko USA, Inc.'s measurement facility is on file with the FCC. Nemko USA Inc. has additionally satisfied the FCC that it complies with the requirements set forth in 47 CFR Part 2, Subpart I, Section 2.948(d) regarding the accreditation of EMC laboratories. As a result, the FCC has placed Nemko USA Inc. on its list of EMC laboratories approved to perform Declaration of Conformity (DOC) procedure testing.

The RFI testing, test data collection and test data evaluation were accomplished in accordance with the ANSI C63.4-1992 Standard, and in accordance with the applicable sections of the FCC rules (47 CFR Parts 2 and 18)." digital devices. The testing was also accomplished in accordance with Industry Canada's ICES-003 standard for unintentional radiating device per EMCAB-3, Issue 3 (May 1998). The administrative summary of this test report provides a description of the test sample

I hereby certify that the test data, test data evaluation, and equipment configurations used to compile this test report are a true and accurate representation of the test sample's radio frequency interference characteristics as of the test date(s), and, for the design of the test sample.

Ricky L. Hill, Senior EMC Engineer

Summary Of Test Data

Name Of Test	Para. No.	Result
RF Power Output	2.1046	Complies
Audio Frequency Response	2.1047	NA[1]
Audio Low Pass Filter Response	2.1047	NA[1]
Modulation Limiting	2.1047	NA[1]
Occupied Bandwidth (WB Data)	2.1049	Complies
Spurious Emissions at Antenna Terminals	2.1051	Complies
Field Strength of Spurious Emissions	2.1053	Complies
Frequency Stability	2.1055	Complies

Footnotes For N/A's: [1] Digital Modulation

Test Conditions:

Indoor Temperature: 18-21 °C
Humidity: 40-62 %

Outdoor Temperature: 16-22 °C
Humidity: 45-62 %

Section 2. General Equipment Specification

Manufacturer:	VITELCOM MOBILE TECHNOLOGY U.S.A.
Model No.:	CV343
Serial No.:	N/A
Antenna Model:	CWH700 Part Number: A2A10A000K44
Date Received In Laboratory:	February 23, 2005
Nemko Identification No.:	25-083-VITR1
Frequency Ranges:	824.7 – 848.31 MHz
RF Output (Limit):	Part 22: 7 Watts
RF Output (Measured):	Part 22: 0.29 Watts
Emission Designators:	1M49F9W
FCC Identifier:	SELTSM501

Section 3. RF Power Output

Para. No.: 2.1046

Test Performed By: A. Laudani	**Date of Test:** 2-23-05

Minimum Standard: Para. 22.913(a). The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

Test Results: Complies, see tables below.

Measurement Data:

Radiated RF Power

Modulation	Frequency (MHz)	Measured (dBm)	Substituted Result (dBm)	Substituted Result Watts
CDMA	824.70	22.8	19.6	0.09
	836.49	23.5	20.4	0.11
	848.31	25.4	21.3	0.14

Conducted ERP

Modulation	Frequency (MHz)	Measured (dBm)	Gain (dB)	ERP (dBm)	Result Watts
CDMA	824.70	24.51	-1	23.51	0.28
	836.52	24.58	-1	23.58	0.29
	848.30	24.51	-1	23.51	0.28

ERP = Measured + Antenna Gain

Radiated Emissions Data

Job # : 24-083-VIT Test # : 1
Page 1 of 1

Client Name : VITELCOM MOBILE TECHNOLOGY
EUT Name : CDMA 800 Cellular Phone
EUT Model # : CV343
EUT Part # :
EUT Serial # :
EUT Config. :
CDMA TX
Specification : FCC Part 22 Reference :

Rod. Ant. #:	NA	Temp. (deg. C) :	18	Date :	2/23/05
Bicon Ant.#:	NA	Humidity (%) :	74	Time :	10:30
Log Ant.#:	112	EUT Voltage :	NA	Staff :	A. Laudani
DRG Ant. #	752	EUT Frequency :	NA	Photo ID:	
Dipole Ant.#:	NA	Phase:	NA	Peak Bandwidth:	1 MHz
Cable#:	40ft	Location:	RN#: 90579	Video Bandwidth	1 MHz
Preamp#:	842	Distance:	3m		
Spec An.#:	835				
QP #:	NA				
PreSelect#:	NA				

Meas. Freq. (MHz)	Vertical (dBuV) pk	Horizontal (dBuV) pk	CF (db)	Max Level (dBm) pk	Spec. Limit (ERP) (dBm) pk	Margin dB pk	EUT Rotation	Ant. Height	Pass Fail Unc.	Comment
824.7	89.5	83.45	30.6	22.8			90	1.2	PASS	
1649.4	46.12	39.81	27.5	-23.6	-13.0	-10.6	0	1.1	PASS	
2474.1	71.09	61.1	-7.9	-34.1	-13.0	-21.1		1.1	PASS	
3298.8	56.03	49.64	-4.0	-45.2	-13.0	-32.2		1.0	PASS	
4123.5	48.06	48.35	-0.8	-49.7	-13.0	-36.7		1.0	PASS	NS, NF
4948.2	50.36	49.76	-1.2	-48.1	-13.0	-35.1		1.0	PASS	NS, NF
5772.9	50.26	51.84	2.5	-42.9	-13.0	-29.9		1.0	PASS	
6597.6	49.05	51.26	3.4	-42.6	-13.0	-29.6		1.0	PASS	NS, NF
7422.3	47.12	48.2	5.8	-43.3	-13.0	-30.3		1.0	PASS	NS, NF
8247	46.97	47.9	7.5	-41.9	-13.0	-28.9		1.0	PASS	NS, NF
836.49	89.83	84.84	30.9	23.5			75	1.4	PASS	
1672.98	41.95	39.03	27.5	-27.8	-13.0	-14.8		1.2	PASS	
2509.47	67.65	59.01	-7.0	-36.6	-13.0	-23.6		1.1	PASS	
3345.96	53.8	51.62	-4.0	-47.5	-13.0	-34.5		1.0	PASS	
4182.45	49.24	48.75	-0.8	-48.8	-13.0	-35.8		1.0	PASS	NS, NF
5018.94	49.26	49.26	1.7	-46.3	-13.0	-33.3		1.0	PASS	NS, NF
5855.43	49.39	50.90	2.5	-43.9	-13.0	-30.9		1.0	PASS	NS, NF
6691.92	49.36	48.29	3.4	-44.5	-13.0	-31.5		1.0	PASS	NS, NF
7528.41	47.49	47.29	7.0	-42.8	-13.0	-29.8		1.0	PASS	NS, NF
8364.90	47.86	47.67	7.5	-41.9	-13.0	-28.9		1.0	PASS	NS, NF
848.31	90.95	86.74	31.7	25.4			100	1.4	PASS	
1696.62	40.14	38.18	27.50	-29.6	-13.0	-16.6		1.2	PASS	
2544.93	63.44	54.69	-7.00	-40.8	-13.0	-27.8		1.1	PASS	
3393.24	51.96	53.63	-4.00	-47.6	-13.0	-34.6		1.0	PASS	
4241.85	49.30	48.93	-0.80	-48.8	-13.0	-35.8		1.0	PASS	NS, NF
5090.22	49.53	50.11	1.70	-45.5	-13.0	-32.5		1.0	PASS	NS, NF
5938.59	49.47	49.66	2.50	-45.1	-13.0	-32.1		1.0	PASS	NS, NF
6786.96	47.39	47.76	3.40	-46.1	-13.0	-33.1		1.0	PASS	NS, NF
7635.33	46.61	47.31	7.00	-43.0	-13.0	-30.0		1.0	PASS	NS, NF
8483.70	45.85	46.01	7.50	-43.9	-13.0	-30.9		1.0	PASS	NS, NF

NS = Not seen, even at a lower RBW NF = Noise Floor measurement.

Substitution Method For Radiated Emissions

Job # : 25-083-VITR1 Test # : 2
Page 1 of 1

Client Name :	VITELCOM MOBILE TECHNOLOGY U.S.A.				
EUT Name :	CDMA 800 Cellular Phone				
EUT Model # :	CV343				
EUT Part # :					
EUT Serial # :					
EUT Config. :					
	CDMA TX				
Specification :	FCC Part 22			Reference :	
Rod. Ant. #:	NA	Temp. (deg. C) :	18	Date :	
Bicon Ant.#:	NA	Humidity (%) :	74	Time :	
Log Ant.#:	112	EUT Voltage :	3.7	Staff :	A. Laudani
DRG Ant. #	752	EUT Frequency :	dc	Photo ID:	
Dipole Ant.#:	NA	Phase:	na	Peak Bandwidth:	RBW-1MHz, VBW-1MHz
Cable#:	60ft	Location:	SOATS		
Preamp#:	842	Distance:	3m		
Spec An.#:	835				

target Frequency mHz	target level dBuV/m	Dipole Gain dBi	cable loss dB	Signal Generator dBm	Total (EIRP) dBm	Spec dBm	Margin dBm
824.70	89.50	0	4.94	24.52	19.6	38.5	-18.9
836.49	89.83	0	5.01	25.41	20.4	38.5	-18.1
848.31	90.95	0	5.11	26.43	21.3	38.5	-17.2

target Frequency mHz	target level dBuV/m	Horn Gain dBi	cable loss dB	Signal Generator dBm	Total (EIRP) dBm	Spec dBm	Margin dBm
1649.40	46.12	5.37	7.28	-22.74	-24.7	-13.0	-11.7
1672.98	41.95	5.41	7.73	-26.59	-28.9	-13.0	-15.9
1696.62	40.14	5.45	8.47	-28.04	-31.1	-13.0	-18.1

Section 4. Audio Frequency Response

Para. No.: 2.1047

Test Performed By:	**Date of Test:**

Minimum Standard: Para. No. 15-19-B.

Test Results: Not Applicable, digital modulation

Measurement Data:

Section 5. Audio Low-Pass Filter Response

Para. No.: 2.1047

Test Performed By:	**Date of Test:**

Minimum Standard: Para. No. 22.915 (d).

Test Results: Not Applicable, digital modulation

Measurement Data:

d) Audio filter characteristics. Except as provided in Sec. 22.917, radiotelephony signals applied to the modulator from the modulation limiter must be attenuated as a function of frequency as specified in this paragraph.

(1) For mobile stations, these signals must be attenuated, relative to the level at 1 kHz, as follows:

(i) In the frequency ranges of 3.0 to 5.9 kHz and 6.1 to 15.0 kHz, signals must be attenuated by at least 40 log (f<divide>3) dB, where f is the frequency of the signal in kHz.

(ii) In the frequency range of 5.9 to 6.1 kHz, signals must be attenuated at least 35 dB.

(iii) In the frequency range above 15 kHz, signals must be attenuated at least 28 dB.

Section 6. Modulation Limiting

Para. No.: 2.1047

Test Performed By:	**Date of Test:**

Minimum Standard: 22.915(b)

Test Results: Not Applicable, digital modulation

Measurement Data:

SAT Deviation:
WB Data Deviation:
ST Deviation:

Section 7. Occupied Bandwidth

Para. No.: 2.1049

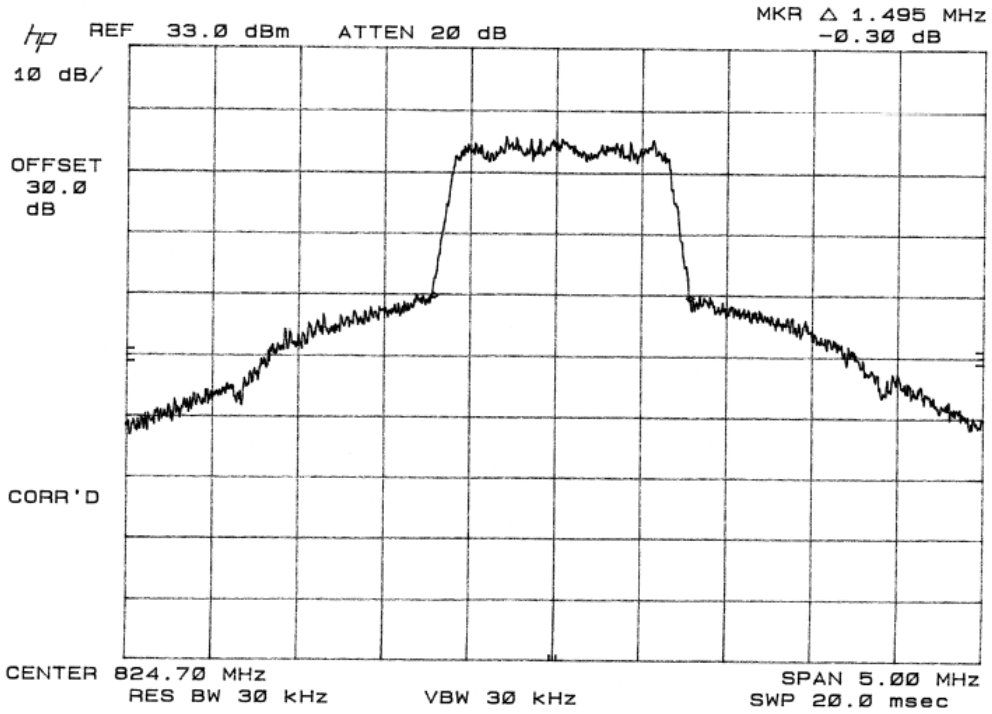
Test Performed By: A. Laudani	**Date of Test:**

Minimum Standard: 22.917(d)

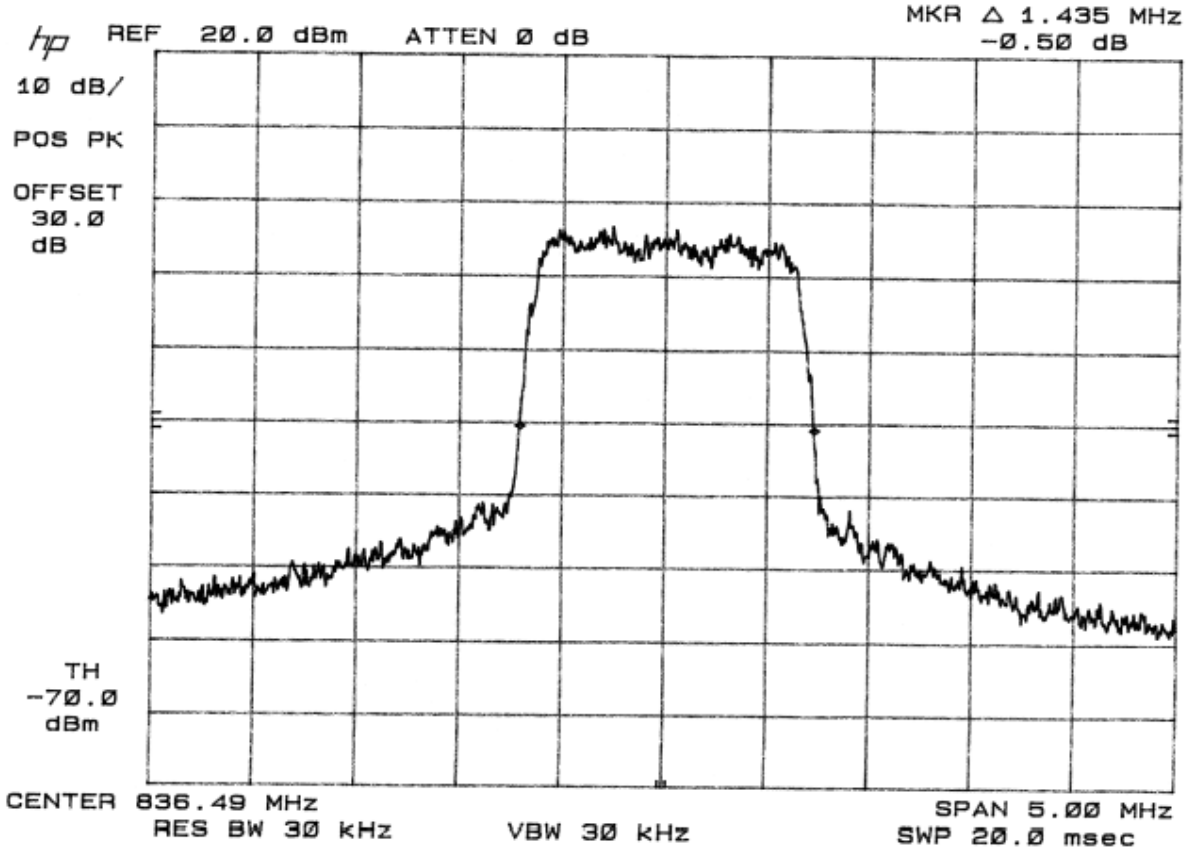
Test Results: Low Channel – 1.49 MHz
Mid Channel – 1.43 MHz
High Channel – 1.48 MHz

Test Data: See plots below.

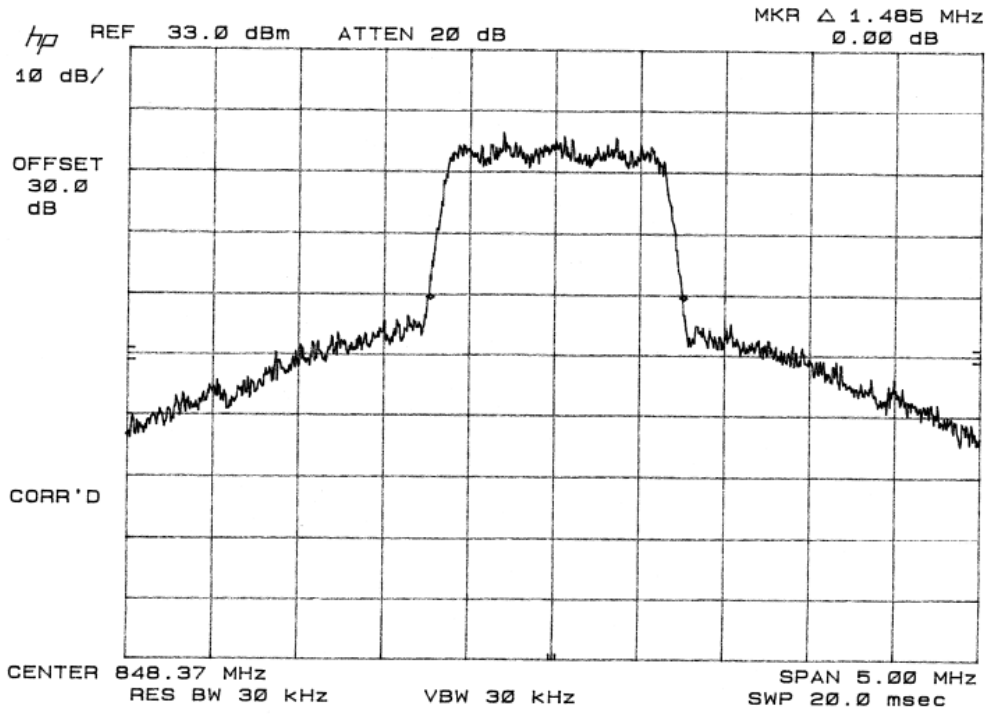
Low Channel 1013 – 824.7 MHz



Mid Channel 834 --- 836.49 MHz



High Channel 777 – 848.37 MHz



Section 8. Spurious Emissions At Antenna Terminals

Para. No.: 2.1051

Test Performed By: A. Laudani	**Date of Test:** 2-25-05

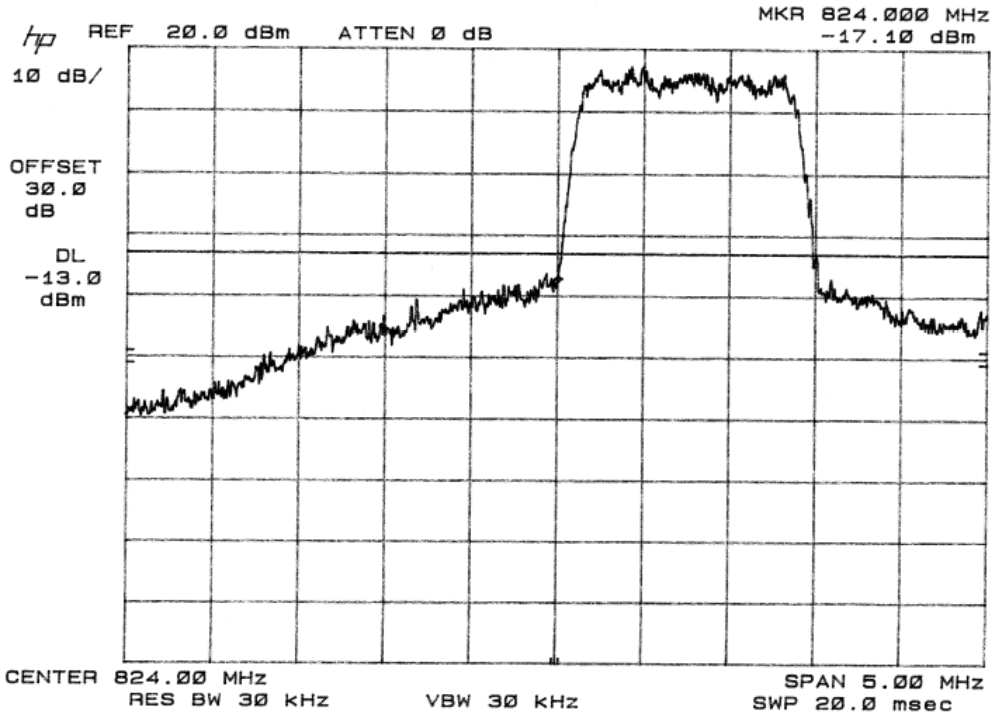
Minimum Standard: Para. No. 22.917(b).

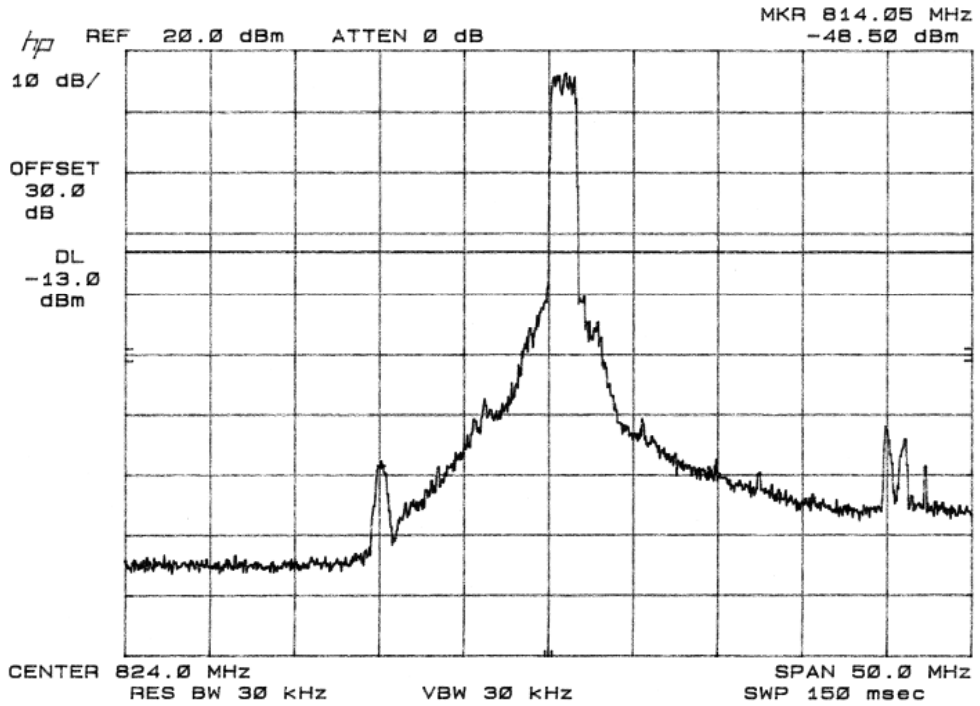
Test Results: From 30 MHz to 10 times the transmit frequency or 9000 MHz, worst emissions found were 4.7 dB below the limit @ 1645 MHz

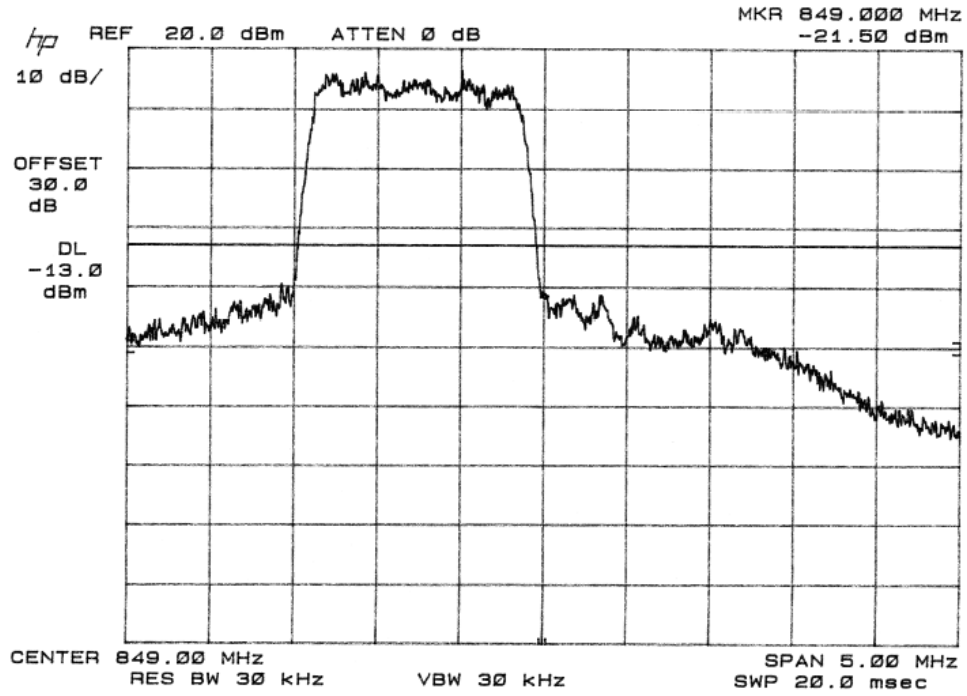
Bandedge measurements (pages 18-19) show compliance. Out of band Spurious (pages 20-22) show compliance.

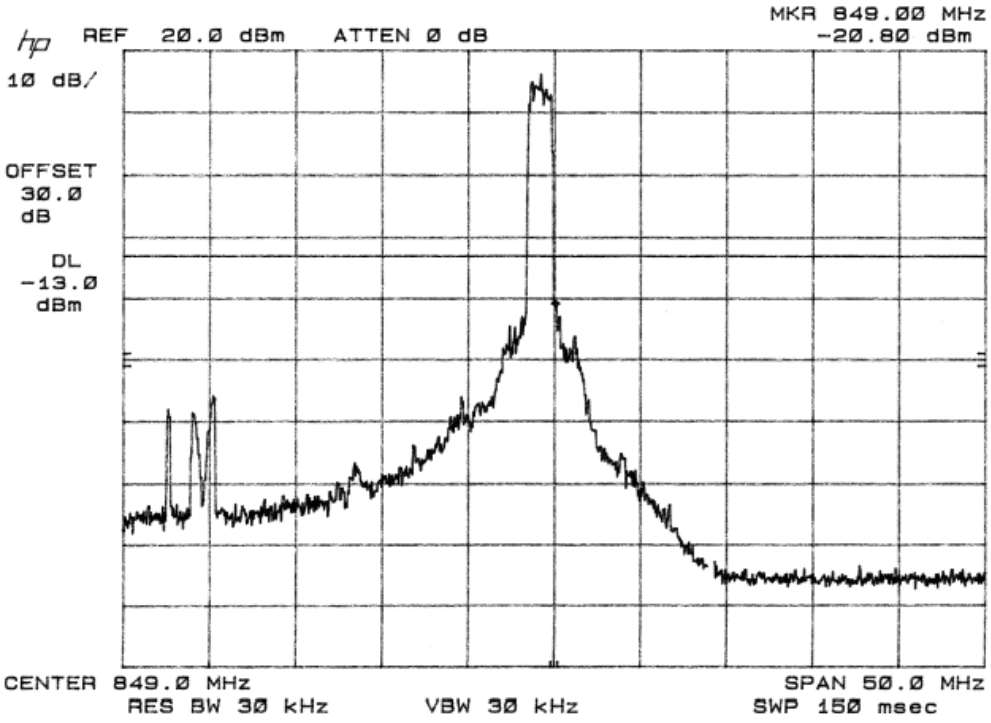
Test Data: See plots below.

Band Edge

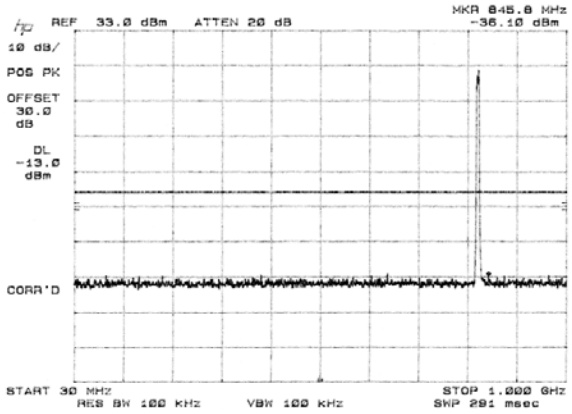

MKR 824.000 MHz
-17.10 dBm
REF 20.0 dBm
ATTEN 0 dB
10 dB/
OFFSET
30.0
dB
DL
-13.0
dBm
CENTER 824.00 MHz
RES BW 30 kHz
VBW 30 kHz
SPAN 5.00 MHz
SWP 20.0 msec

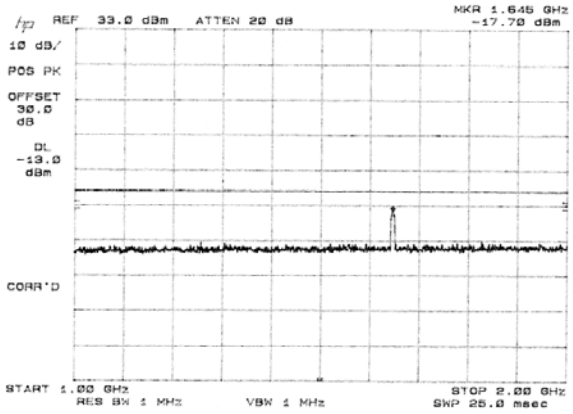

MKR 814.05 MHz
-48.50 dBm
REF 20.0 dBm
ATTEN 0 dB
10 dB/
OFFSET
30.0
dB
DL
-13.0
dBm
CENTER 824.0 MHz
RES BW 30 kHz
VBW 30 kHz
SPAN 50.0 MHz
SWP 150 msec

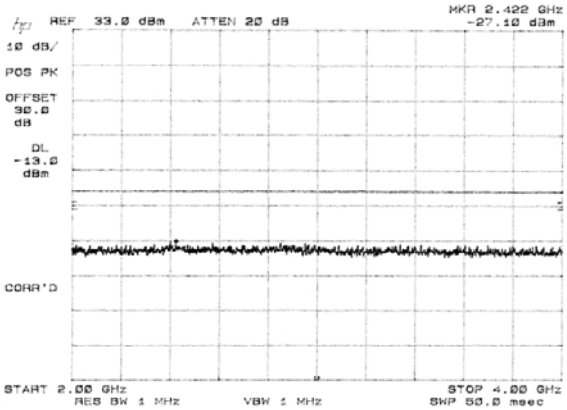

MKR 849.000 MHz
-21.50 dBm
REF 20.0 dBm
ATTEN 0 dB
10 dB/
OFFSET
30.0
dB
DL
-13.0
dBm
CENTER 849.00 MHz
SPAN 5.00 MHz
RES BW 30 kHz
VBW 30 kHz
SWP 20.0 msec

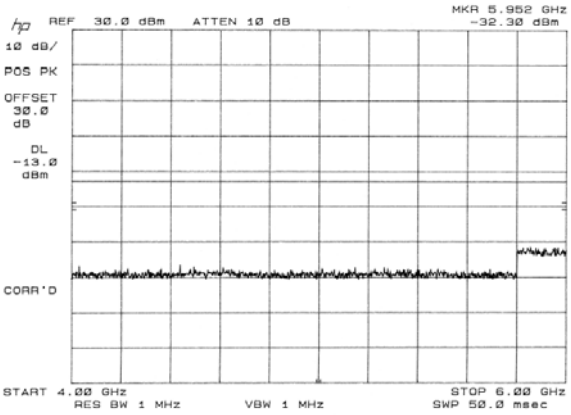

MKR 849.00 MHz
-20.80 dBm
REF 20.0 dBm
ATTEN 0 dB
10 dB/
OFFSET
30.0
dB
DL
-13.0
dBm
CENTER 849.0 MHz
SPAN 50.0 MHz
RES BW 30 kHz
VBW 30 kHz
SWP 150 msec

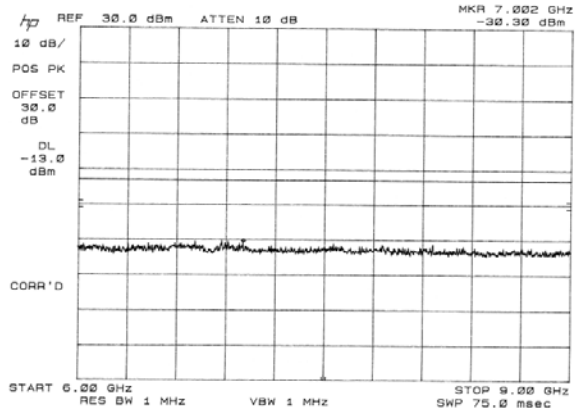
Low Channel 1013: 824.7 MHz -- Worst case 4.7dB below limit @ 1645 MHz



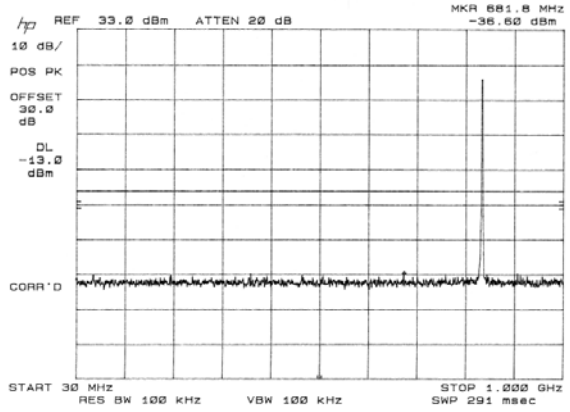


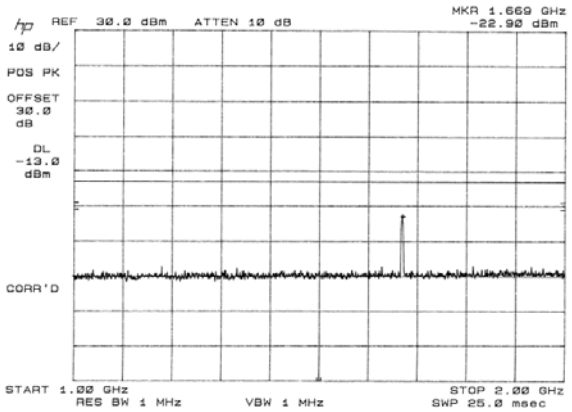


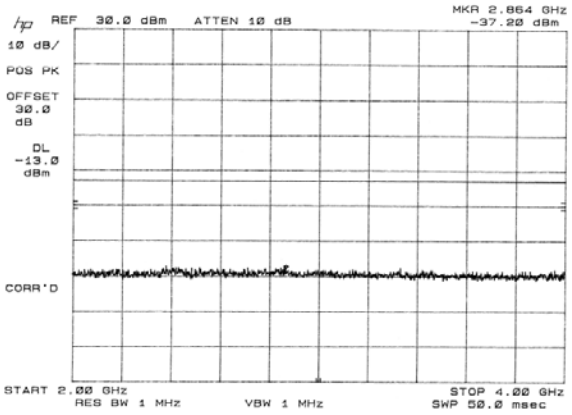


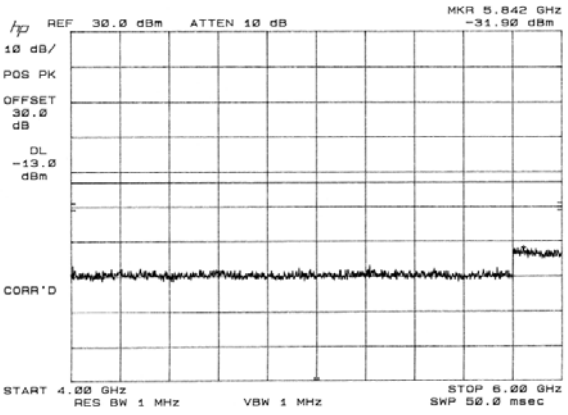


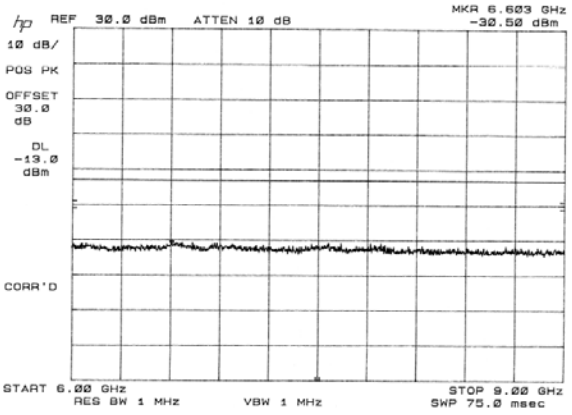
MId Channel 384: 836.49 MHz -- Worst case 9.9dB below limit @ 1669 MHz



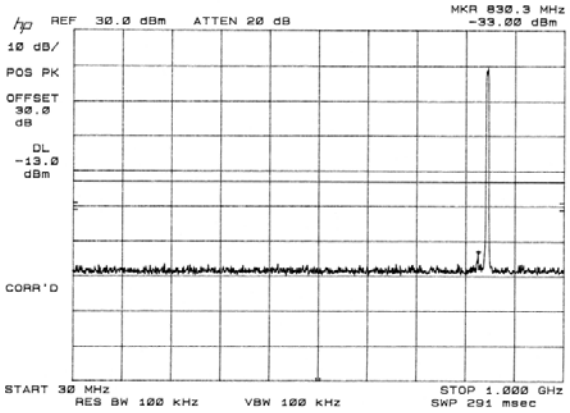


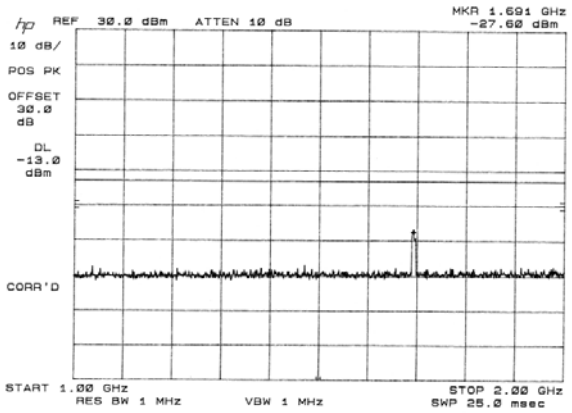


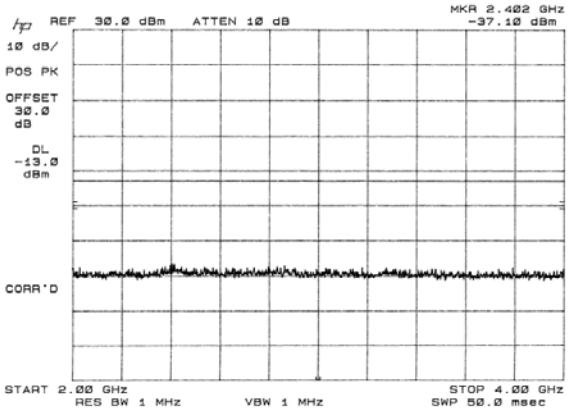


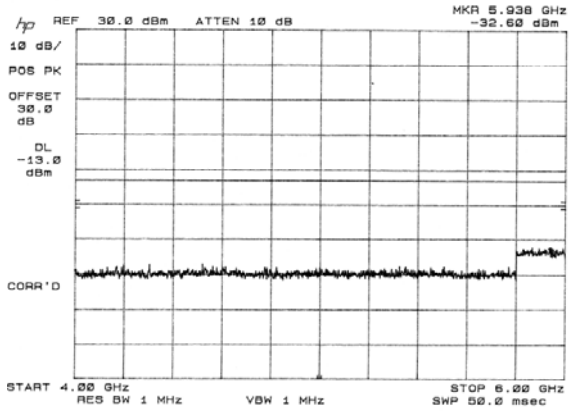


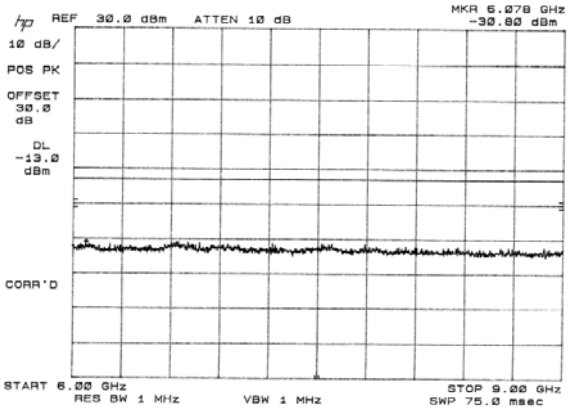
High Channel 777: 848.3 MHz -- Worst case 14.6dB below limit @ 1691 MHz











Section 9. Field Strength of Spurious

Para. No.: 2.1053

Test Performed By: Alan Laudani	**Date of Test:** 2-24-2005

Minimum Standard: Para. No. 22.917(b); Para. No.: 24.238.

Test Results:

The maximum spurious field strength in CDMA mode is 10.6 dB below the limit @ 1649.4 MHz Signal Substitution was performed which resulted in a margin below limit of 11.7 dB.

Test Data: See attached tables.

Radiated Emissions Data

Job # : 24-083-VIT Test # : 1
Page 1 of 1

Client Name : VITELCOM MOBILE TECHNOLOGY
EUT Name : CDMA 800 Cellular Phone
EUT Model # : CV343
EUT Part # :
EUT Serial # :
EUT Config. :
CDMA TX
Specification : FCC Part 22 Reference :

Rod. Ant. #:	NA	Temp. (deg. C) :	18	Date :	2/24/05
Bicon Ant.#:	NA	Humidity (%) :	74	Time :	10:30
Log Ant.#:	112	EUT Voltage :	NA	Staff :	A. Laudani
DRG Ant. #	752	EUT Frequency :	NA	Photo ID:	
Dipole Ant.#:	NA	Phase:	NA	Peak Bandwidth:	1 MHz
Cable#:	40ft	Location:	RN#: 90579	Video Bandwidth	1 MHz
Preamp#:	842	Distance:	3m		
Spec An.#:	835				
QP #:	NA				
PreSelect#:	NA				

Meas. Freq. (MHz)	Vertical (dBuV) pk	Horizontal (dBuV) pk	CF (db)	Max Level (dBm) pk	Spec. Limit (ERP) (dBm) pk	Margin dB pk	EUT Rotation	Ant. Height	Pass Fail Unc.	Comment
824.7	89.5	83.45	30.6	22.8			90	1.2	PASS	
1649.4	46.12	39.81	27.5	-23.6	-13.0	-10.6	0	1.1	PASS	
2474.1	71.09	61.1	-7.9	-34.1	-13.0	-21.1		1.1	PASS	
3298.8	56.03	49.64	-4.0	-45.2	-13.0	-32.2		1.0	PASS	
4123.5	48.06	48.35	-0.8	-49.7	-13.0	-36.7		1.0	PASS	NS, NF
4948.2	50.36	49.76	-1.2	-48.1	-13.0	-35.1		1.0	PASS	NS, NF
5772.9	50.26	51.84	2.5	-42.9	-13.0	-29.9		1.0	PASS	
6597.6	49.05	51.26	3.4	-42.6	-13.0	-29.6		1.0	PASS	NS, NF
7422.3	47.12	48.2	5.8	-43.3	-13.0	-30.3		1.0	PASS	NS, NF
8247	46.97	47.9	7.5	-41.9	-13.0	-28.9		1.0	PASS	NS, NF
836.49	89.83	84.84	30.9	23.5			75	1.4	PASS	
1672.98	41.95	39.03	27.5	-27.8	-13.0	-14.8		1.2	PASS	
2509.47	67.65	59.01	-7.0	-36.6	-13.0	-23.6		1.1	PASS	
3345.96	53.8	51.62	-4.0	-47.5	-13.0	-34.5		1.0	PASS	
4182.45	49.24	48.75	-0.8	-48.8	-13.0	-35.8		1.0	PASS	NS, NF
5018.94	49.26	49.26	1.7	-46.3	-13.0	-33.3		1.0	PASS	NS, NF
5855.43	49.39	50.90	2.5	-43.9	-13.0	-30.9		1.0	PASS	NS, NF
6691.92	49.36	48.29	3.4	-44.5	-13.0	-31.5		1.0	PASS	NS, NF
7528.41	47.49	47.29	7.0	-42.8	-13.0	-29.8		1.0	PASS	NS, NF
8364.90	47.86	47.67	7.5	-41.9	-13.0	-28.9		1.0	PASS	NS, NF
848.31	90.95	86.74	31.7	25.4			100	1.4	PASS	
1696.62	40.14	38.18	27.50	-29.6	-13.0	-16.6		1.2	PASS	
2544.93	63.44	54.69	-7.00	-40.8	-13.0	-27.8		1.1	PASS	
3393.44	51.96	53.63	-4.00	-47.6	-13.0	-34.6		1.0	PASS	
4241.85	49.30	48.93	-0.80	-48.8	-13.0	-35.8		1.0	PASS	NS, NF
5090.22	49.53	50.11	1.70	-45.5	-13.0	-32.5		1.0	PASS	NS, NF
5938.59	49.47	49.66	2.50	-45.1	-13.0	-32.1		1.0	PASS	NS, NF
6786.96	47.39	47.76	3.40	-46.1	-13.0	-33.1		1.0	PASS	NS, NF
7635.33	46.61	47.31	7.00	-43.0	-13.0	-30.0		1.0	PASS	NS, NF
8483.70	45.85	46,01	7.50	-43.9	-13.0	-30.9		1.0	PASS	NS, NF

NS = Not seen, even at a lower RBW NF = Noise Floor measurement.

Substitution Method For Radiated

Job # : 25-083-VITR1 Test # : 2
Page 1 of 1

Client Name :	VITELCOM MOBILE TECHNOLOGY U.S.A.				
EUT Name :	CDMA 800 Cellular Phone				
EUT Model # :	CV343				
EUT Part # :					
EUT Serial # :					
EUT Config. :					
	CDMA TX				
Specification :	FCC Part 22			Reference :	
Rod. Ant. #:	NA	Temp. (deg. C) :	18	Date :	
Bicon Ant.#:	NA	Humidity (%) :	74	Time :	
Log Ant.#:	112	EUT Voltage :	3.7	Staff :	A. Laudani
DRG Ant. #	752	EUT Frequency :	dc	Photo ID:	
Dipole Ant.#:	NA	Phase:	na	Peak Bandwidth:	RBW-1MHz, VBW-1MHz
Cable#:	60ft	Location:	SOATS		
Preamp#:	842	Distance:	3m		
Spec An.#:	835				

target Frequency mHz	target level dBuV/m	Dipole Gain dBi	cable loss dB	Signal Generator dBm	Total (EIRP) dBm	Spec dBm	Margin dBm
824.70	89.50	0	4.94	24.52	19.6	38.5	-18.9
836.49	89.83	0	5.01	25.41	20.4	38.5	-18.1
848.31	90.95	0	5.11	26.43	21.3	38.5	-17.2

target Frequency mHz	target level dBuV/m	Horn Gain dBi	cable loss dB	Signal Generator dBm	Total (EIRP) dBm	Spec dBm	Margin dBm
1649.40	46.12	5.37	7.28	-22.74	-24.7	-13.0	-11.7
1672.98	41.95	5.41	7.73	-26.59	-28.9	-13.0	-15.9
1696.62	40.14	5.45	8.47	-28.04	-31.1	-13.0	-18.1

Section 10. Frequency Stability

Para. No.: 2.1055

Test Performed By: A. Laudani	**Date of Test:** 2-23-05

Minimum Standard: Para. No. 22.355

Test Results:
Limit = 2.5 ppm of Frequency = 2.5 x 836.49 MHz/10^6 = 2091 Hz
Worst Case 0.014 ppm variation -- Complies, see tables below.

Measurement Data:

CV343 displays "Low Battery Warning Message" on LCD at below 3.45V

Voltage Supplied Vdc	Conductive Power level (dBm)	Notes
3.70	24.49	Normal Battery level
3.37	24.41	
3.19	24.6	
3.15	24.0	
3.07	23.5	
2.98	23.1	
2.92	23.2	
2.90	23.1	
2.85	22.7	Lost modulation
2.83	21.9	Off

Part 2.1055 Frequency Stability

25-083-VITR1

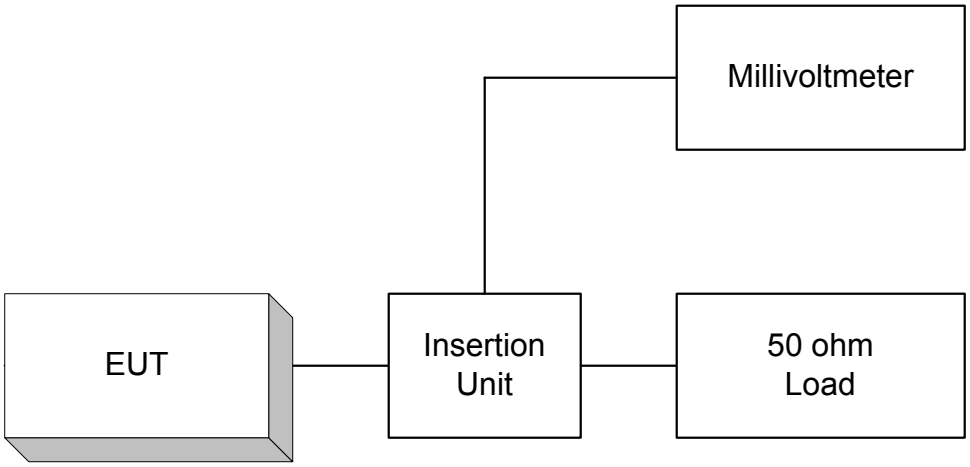
Limit 2.5 ppm of 836.79 MHz = 2091Hz
Worst case 12 Hz Variation = 0.014 ppm

Temperature Setpoint °C	Actual	Mfg Minimal Battery level = 3.34Vdc Low Freq Frequency(MHz)	High Freq Variation MHz	Vnom = 3.70 Vdc Frequency(MHz)	Variation MHz
-30	-30.1	835.895770 836.793577	837.691383 -0.000011	835.895780 836.793582	837.691383 -0.000006
-20	-19.8	835.895767 836.793575	837.691383 **-0.000012**	835.895784 836.793584	837.691383 -0.000003
-10	-10.1	835.895781 836.793582	837.691383 -0.000005	835.895780 836.793582	837.691383 -0.000006
0	0.0	835.895798 836.793591	837.691383 0.000003	835.895799 836.793591	837.691383 0.000004
10	10.2	835.895780 836.793582	837.691383 -0.000006	835.895791 836.793587	837.691383 0.000000
20	20.1	835.895791 836.793587	837.691383 0.000000	835.895798 836.793591	837.691383 0.000003
30	29.9	835.895793 836.793588	837.691383 0.000001	835.895799 836.793591	837.691383 0.000004
40	40.2	835.895791 836.793587	837.691383 0.000000	835.895798 836.793591	837.691383 0.000003
50	50.1	835.895791 836.793587	837.691383 0.000000	835.895797 836.793590	837.691383 0.000003

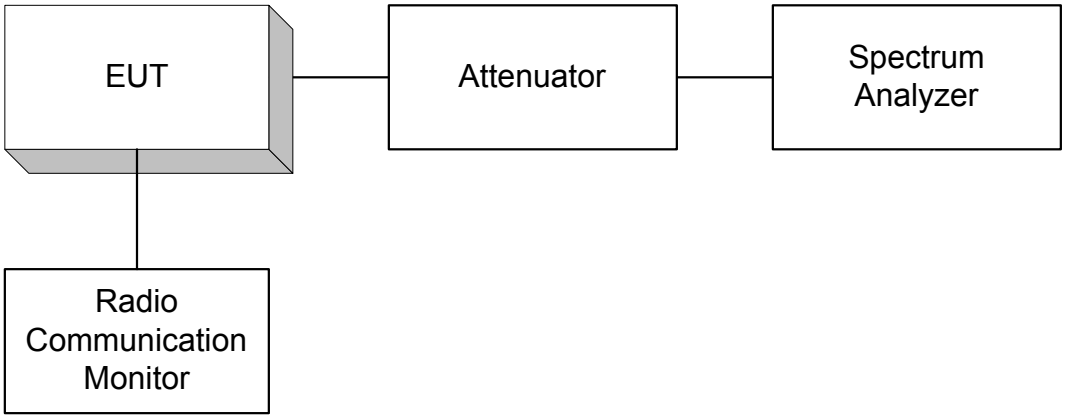
Frequencies are read after one hour soak at temperature, no provision to remotely turn off/on EUT
Spectrum Analyzer @ 30 kHz VBW, 30 kHz RBW, Span = 5 MHz, averaging on to smooth modulation.

Section 11. Block Diagrams

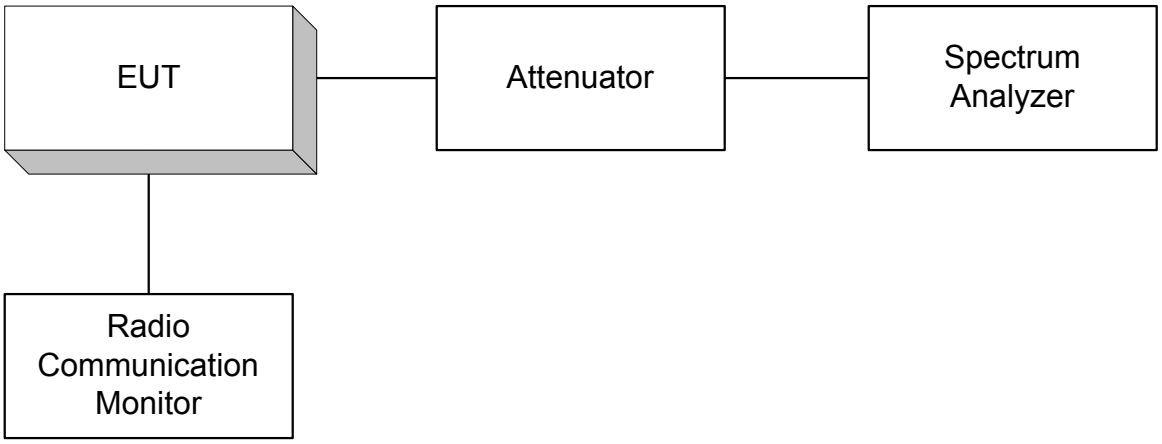
Para. No. 2.1046 - R.F. Power Output



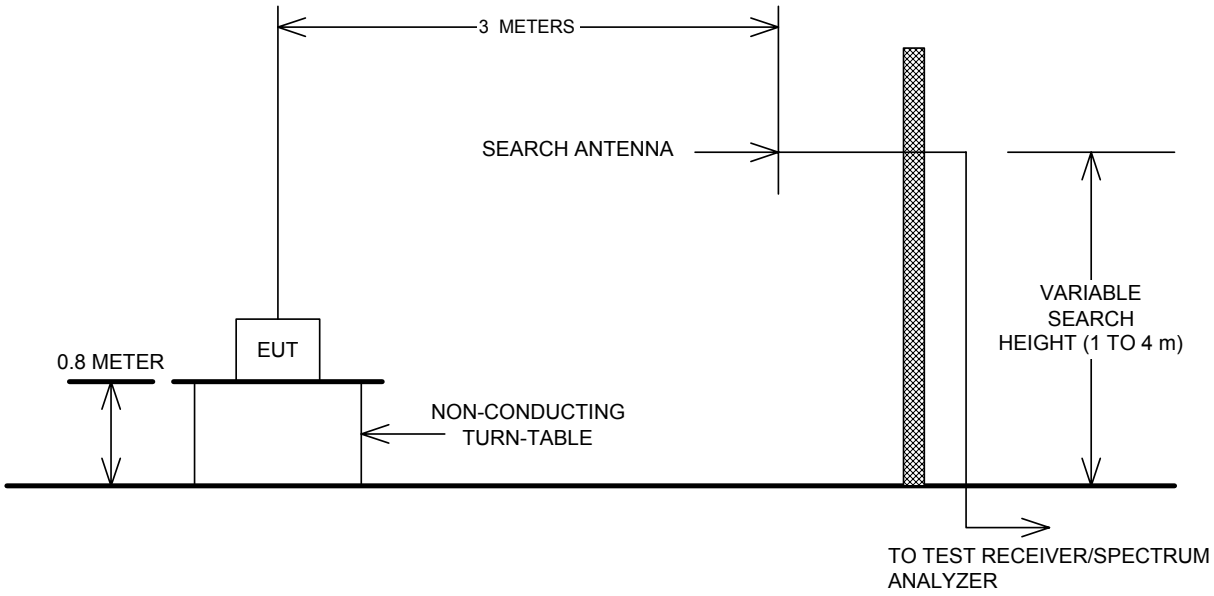
Para. No. 2.1049 - Occupied Bandwidth



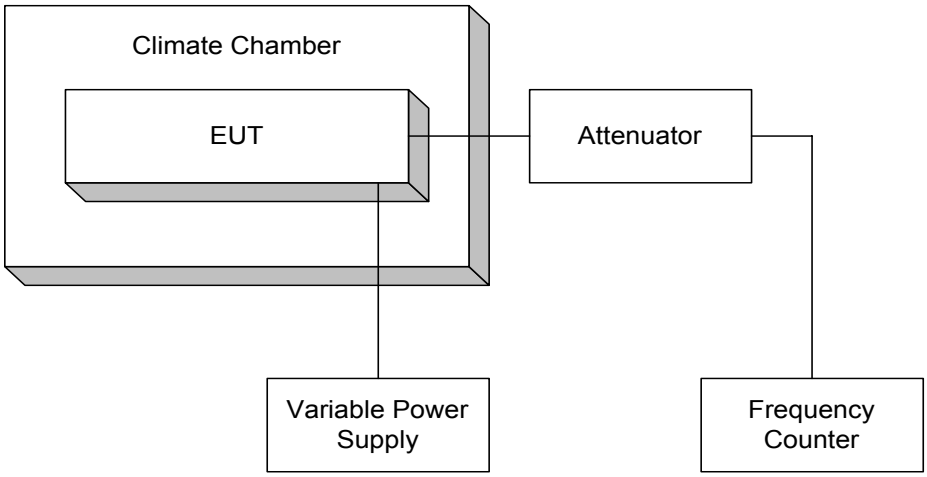
Para. No. 2.1051 Spurious Emissions at Antenna Terminals



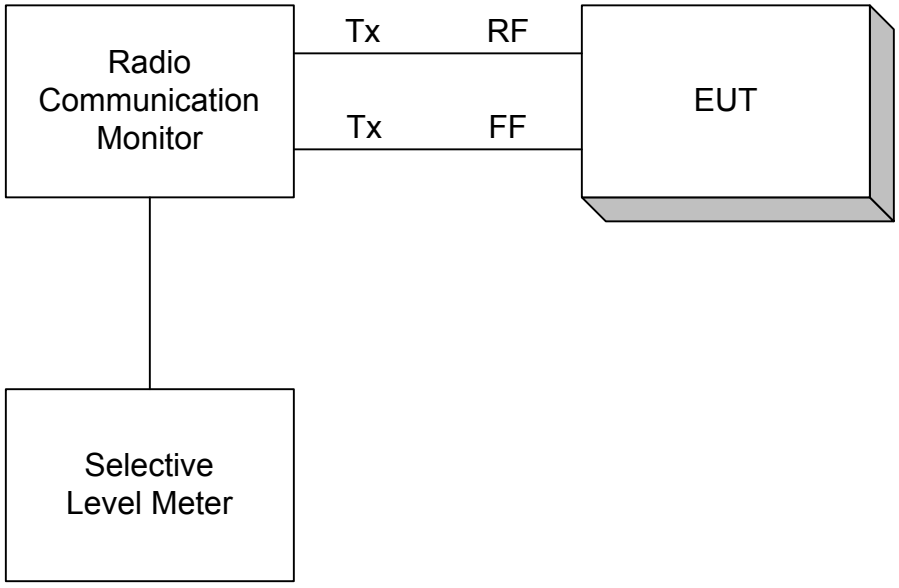
Para. No. 2.1053 - Field Strength of Spurious Radiation



Para. No. 2.1055 - Frequency Stability



Para. No. 2.1045 – Audio Frequency Response, Audio Low Pass Filter Response And Modulation Limiting



Section 13. Test Equipment List

Emissions Test Equipment					
Client	VITELCOM MOBILE TECHNOLOGY U.S.A.	**EUT Name**	CDMA 800 Cellular Phone		
PAN #	24-611-KYO	**EUT Model**	CV343		
Device Type	*Model #*	*MFG*	*Asset #*	*SN*	*Cal Due*
OATS #1 (South)					
Spectrum Analyzer	1088.3494.30	R & S	835	830320/002	12-30-05
Antenna, Ridged Guide	3115	EMCO	529	2505	11-19-05
Antenna, Ridged Guide	3115	EMCO	752	9609-4943	12-19-05
Signal Generator	1018	Gigatronics	440	314104	9/22/2005
Dipole Set	3121C	EMCO	756	1215	8-27-05
Antenna, LPA	3146	EMCO	112	9101-2988	9-19-05
Attenuator, 30 dB	8491B	HP	332	X0475	4-21-05
Environmental Chamber	NA	Thermotron	048	NA	1-12-06
Multimeter	111	Fluke	810	NA	1-6-06
Power Supply	Adj. Dual DC	Micronta	772	NA	NCR

NA: Not Applicable
NCR: No Cal Required
COU: CAL On Use