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

Class II Permissive Change To Append New Antenna

Test Report:	2005 010611-FCC
FCC ID:	OVFKWC-M200
Equipment Under Test:	M200 Call Box
Model:	6040-4050-56
Antenna Model:	Maxrad BMAX824/1850
Applicant:	Kyocera Wireless 10300 Campus Point Drive San Diego, CA 92121 858 449-9835 619 330-4977- fax
In Accordance With:	FCC Part 22, Subpart H Industry Canada RSS-129

AND

In Accordance With:	FCC Part 24, Subpart E Industry Canada RSS-133
Tested By:	Nemko USA Inc. 11696 Sorrento Valley Road San Diego, CA 92121-1024
Date:	January 14, 2005
Total Number of Pages:	24

Table of Contents

Section 1. Summary of Test Results 3

Section 2. General Equipment Specification 6

Section 3. RF Power Output 7

Section 5. Audio Low-Pass Filter Response 10

Section 6. Modulation Limiting 11

Section 7. Occupied Bandwidth (WB Data) 12

Section 8. Spurious Emissions At Antenna Terminals 13

Section 9. Field Strength of Spurious 14

Section 11. Block Diagrams 21

Section 12. Conductive Emissions 25

Section 13. Test Equipment List 27

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, Subpart H and FCC Part 24, Subpart E.

DOCUMENT HISTORY

REVISION	DATE	COMMENTS
-	January 14, 2005	Prepared By: A. Laudani
-	January 14, 2005	Initial Release: R. L. Hill

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 January 11, 2005. Testing was performed on the unit described in this report on January 11, 2005 to January 14, 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	NA[2]
Spurious Emissions at Antenna Terminals	2.1051	NA[2]
Field Strength of Spurious Emissions	2.1053	Complies
Frequency Stability	2.1055	NA[2]

Footnotes For N/A's:
1 Digital Modulation
2 Not tested, per customer's instructions.

Test Conditions:

Indoor Temperature: __n/a_ °C
Humidity: _____%

Outdoor Temperature: 13-16 °C
Humidity: _50-62_ %

Section 2. General Equipment Specification

Manufacturer:	Kyocera Wireless
Model No.:	M200 Call Box
Serial No.:	N/A
Antenna Model:	Maxrad BMAX824/1850
Date Received In Laboratory:	January 11, 2005
Nemko Identification No.:	24-611-KYO
Frequency Ranges:	824.7 – 848.31 MHz 824.04 – 849.97 MHz 1851.25—1908.75 MHz
RF Output (Limit):	Part 22: 7 Watts; Part 24: 2 W
RF Output (Measured):	Part 22: 0.22 Watts; Part 24: 0.23W
Emission Designators:	40KDF8W, 1M25F9W, 40KDF1D, 1M25F9W
FCC Identifier:	OVFKWC-M200

Section 3. RF Power Output

Para. No.: 2.1046

Test Performed By: Alan Laudani	**Date of Test: 1-13-05**

Minimum Standard: Para. 22.913(a). The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts. & Para.24.232, the EIRP must not exceed 2 Watts.

Test Results: Complies, see tables below.

Measurement Data:

Modulation	Frequency (MHz)	Measured (dBm)	Substituted Result (dBm)	Substituted Result Watts
FM	824.04	23.2	23.1	0.20
	836.49	23.7	20.1	0.10
	848.97	25.6	22.7	0.19
CDMA	824.70	23.5	23.4	0.22
	836.49	23.7	20.2	0.10
	848.97	23.9	21.0	0.13
PCS	1851.25	23.2	23.6	0.23
	1880.00	22.6	23.1	0.20
	1908.75	22.1	22.2	0.17

Substitution Method For Radiated Emissions

Complete	Yes	Job # :	24-733-FCC	Test # :	6
Preliminary		Page	1	of	1

Client Name :	KYOCERA WIRELESS Corp.
EUT Name :	M200 Call Box Antenna Maxrad BMAX824/1850
EUT Model # :	6040-4050-56
EUT Part # :	
EUT Serial # :	
EUT Config. :	Transmit

Specification :	FCC Part 22/ Part 24			Reference :	
Rod. Ant. #:	NA	Temp. (deg. C) :	13	Date :	1/13/2005
Bicon Ant.#:	NA	Humidity (%) :	50	Time :	15:00
Log Ant.#:	NA	EUT Voltage :	13 V	Staff :	A. Laudani
DRG Ant. # tx	752	EUT Frequency :	dc	Photo ID:	
DRG Ant. # rx	529	Phase:	na	Peak Bandwidth:	RBW-1MHz, VBW-1MHz
Cable# tx	60ft	Location:	SOATS		
Preamp#:	40dB	Distance:	3m		
Spec An.#:	835				
Cable# rx	40ft				
Signal Generator#	836				

target Frequency mHz	target level dBuV/m	Horn Gain dBi	cable loss dB	Signal Generator dBm	Total (ERP) dBm	Spec dBm	Margin dBm
FM							
824.04	96.71	0	3.9	27.01	23.1	33	-9.9
836.49	97.62	0	3.9	24.02	20.1	33	-12.9
848.97	99.28	0	3.9	26.58	22.7	33	-10.4
CDMA							
824.70	97.04	0	3.9	27.34	23.4	33	-9.6
836.49	97.69	0	3.9	24.09	20.2	33	-12.8
848.31	97.59	0	3.9	24.89	21.0	33	-12.0

target Frequency mHz	target level dBuV/m	Horn Gain dBi	cable loss dB	Signal Generator dBm	Total (EIRP) dBm	Spec dBm	Margin dBm
1851.25	90.92	9.5	0.8	23.92	32.6	33	-0.4
1880.00	90.36	9.5	0.8	23.36	32.1	33	-0.9
1908.75	89.86	9.5	0.8	22.46	31.2	33	-1.8

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 (WB Data)

Para. No.: 2.1049

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

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

Test Results: Not applicable, per customer's instructions.

Test Data:

Section 8. Spurious Emissions At Antenna Terminals

Para. No.: 2.1051

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

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

Test Results: Not applicable, per customer's instructions.

Test Data:

Section 9. Field Strength of Spurious

Para. No.: 2.1053

Test Performed By: Alan Laudani	**Date of Test: 1/11/2005**

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

Test Results:

The maximum spurious field strength in FM mode is –11.7 dB below the limit @ 1697.94 MHz
The maximum spurious field strength in CDMA mode is –20.4 dB below the limit @ 1696.62 MHz
The maximum spurious field strength in PCS mode is –11.5 dB below the limit @ 3702.5 MHz

Test Data: See attached tables.

Substitution Method For Radiated Emissions

Complete	Yes	Job # :	24-611-FCC	Test # :	6
Preliminary		Page	1	of	1

Client Name :	KYOCERA WIRELESS Corp.
EUT Name :	M200 Call Box Antenna Maxrad BMAX824/1850
EUT Model # :	6040-4050-56
EUT Part # :	
EUT Serial # :	
EUT Config. :	Transmit

Specification :	FCC Part 22/ Part 24			Reference :	
Rod. Ant. #:	NA	Temp. (deg. C) :	13	Date :	1/13/2005
Bicon Ant.#:	NA	Humidity (%) :	50	Time :	15:00
Log Ant.#:	NA	EUT Voltage :	13 V	Staff :	A. Laudani
DRG Ant. # tx	752	EUT Frequency :	dc	Photo ID:	
DRG Ant. # rx	529	Phase:	na	Peak Bandwidth:	RBW-1MHz, VBW-1MHz
Cable# tx	60ft	Location:	SOATS		
Preamp#:	40dB	Distance:	3m		
Spec An.#:	835				
Cable# rx	40ft				
Signal Generator#	836				

target Frequency mHz	target level dBuV/m	Horn Gain dBi	cable loss dB	Signal Generator dBm	Total (ERP) dBm	Spec dBm	Margin dBm
FM							
824.04	96.71	0	3.9	27.01	23.1	33	-9.9
836.49	97.62	0	3.9	24.02	20.1	33	-12.9
848.97	99.28	0	3.9	26.58	22.7	33	-10.4
1672.98	77.05	5.41	4.75	-39.14	-38.5	-13	-25.5
1697.94	90.23	5.46	4.84	-25.28	-24.7	-13	-11.7
2546.91	77.07	6.98	5.11	-29.93	-28.1	-13	-15.1
CDMA							
824.70	97.04	0	3.9	27.34	23.4	33	-9.6
836.49	97.69	0	3.9	24.09	20.2	33	-12.8
848.31	97.59	0	3.9	24.89	21.0	33	-12.0
1672.98	77.54	5.41	3.25	-38.65	-36.5	-13	-23.5
1696.62	80.48	5.46	3.78	-35.03	-33.4	-13	-20.4
3760.00	75.23	7.95	1.3	-25.2	-18.5	-13	-5.5

target Frequency mHz	target level dBuV/m	Horn Gain dBi	cable loss dB	Signal Generator dBm	Total (EIRP) dBm	Spec dBm	Margin dBm
1851.25	90.92	9.5	0.8	23.92	32.6	33	-0.4
1880.00	90.36	9.5	0.8	23.36	32.1	33	-0.9
1908.75	89.86	9.5	0.8	22.46	31.2	33	-1.8
3702.50	67.06	9.7	1.3	-32.9	-24.5	-13	-11.5
3817.50	66.11	9.7	1.3	-39.5	-31.1	-13	-18.1
5640.00	59.92	9.3	7.81	-34.19	-32.7	-13	-19.7
5726.25	60.51	9.32	8.17	-34.67	-33.5	-13	-20.5

Radiated Emissions Data

Job # : 24-611-KYO Test # : 1
Page 1 of 1

Client Name : Kyocera Wireless Corp.
EUT Name : M200 Callbox
EUT Model # : 6040-4050-56
EUT Part # : NA
EUT Serial # :
EUT Config. : PCS Tx

Specification : FCC Part 24 Reference :

Rod. Ant. #:	NA	Temp. (deg. C) :	16	Date :	1/11/05
Bicon Ant.#:	NA	Humidity (%) :	62	Time :	
Log Ant.#:	NA	EUT Voltage :	120	Staff :	A. Laudani
DRG Ant. #	529	EUT Frequency :	60	Photo ID:	
Dipole Ant.#:	NA	Phase:	1	Peak Bandwidth:	1 MHz
Cable#:	40ft	Location:	Soats	Video Bandwidth	1 MHz
Preamp#:	40db	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 (ERIP) (dBm) pk	Margin dB pk	EUT Rotation	Ant. Height	Pass Fail Unc.	Comment
1851.25	90.92	79.23	27.5	23.16	33.0	-9.8	90.0	1.1	Pass	
3702.50	67.06	64.35	-2.6	-30.8	-13.0	-17.8		1.1	Pass	
5553.75	56.57	54.42	2.5	-36.19	-13.0	-23.2		1.1	Pass	
7405.00	51.21	51.18	5.8	-38.25	-13.0	-25.3			Pass	
9256.25	48.11	48.04	8.84	-38.31	-13.0	-25.3			Pass	nf
11107.50	47.92	47.48	13.1	-34.24	-13.0	-21.2			Pass	nf
12958.75	49.58	49.39	15.4	-30.28	-13.0	-17.3			Pass	nf
14810.00	49.27	50.12	22.9	-22.24	-13.0	-9.2			Pass	nf
16661.25	46.99	47.44	22.8	-25.02	-13.0	-12.0			Pass	nf
18512.50	41.25	40.16	34.8	-19.21	-13.0	-6.2			Pass	nf --- rbw = 100 kHz
1880.00	90.36	81.03	27.5	22.6	33.0	-10.4	90.0	1.1	Pass	
3760.00	51.73	63.41	-2.6	-34.45	-13.0	-21.5		1.2	Pass	
5640.00	59.92	55.67	2.5	-32.84	-13.0	-19.8		1.2	Pass	
7520.00	51.37	49.11	7	-36.89	-13.0	-23.9		1.1	Pass	
9400.00	48.57	47.77	8.84	-37.85	-13.0	-24.9			Pass	nf
11280.00	47.65	48.61	13.1	-33.55	-13.0	-20.6			Pass	nf
13160.00	49.21	49.78	18.4	-27.08	-13.0	-14.1			Pass	nf
15040.00	49.04	48.06	22.5	-23.72	-13.0	-10.7			Pass	nf
16920.00	48.23	48.06	22.8	-24.23	-13.0	-11.2			Pass	nf
18800.00	35.88	37.58	34.8	-22.88	-13.0	-9.9			Pass	nf --- rbw = 100 kHz
1908.75	89.86	79.02	27.5	22.1	33.0	-10.9	90.0	1.1	Pass	
3817.50	66.11	62.99	-2.6	-31.75	-13.0	-18.8		1.4	Pass	
5726.25	60.51	59.16	2.5	-32.25	-13.0	-19.3		1.2	Pass	
7635.00	50.46	52.03	7	-36.23	-13.0	-23.2		1.2	Pass	
9543.75	48.84	48.44	8.54	-37.88	-13.0	-24.9			Pass	nf
11452.50	47.78	47.84	13.1	-34.32	-13.0	-21.3			Pass	nf
13361.25	47.97	47.81	18.4	-28.89	-13.0	-15.9			Pass	nf
15270.00	49.06	48.45	22.5	-23.7	-13.0	-10.7			Pass	nf
17178.75	45.93	47.50	27.7	-20.06	-13.0	-7.1			Pass	nf
19087.50	35.78	36.02	34.8	-24.44	-13.0	-11.4			Pass	nf --- rbw = 100 kHz

Radiated Emissions Data

Job # : 24-611-KYO Test # : 2
Page 1 of 1

Client Name : Kyocera Wireless Corp.
EUT Name : M200 Callbox
EUT Model # : 6040-4050-56
EUT Part # : NA
EUT Serial # :
EUT Config. : FM Tx Harmonics

Specification : FCC Part 22 Reference :

Rod. Ant. #:	NA	Temp. (deg. C) :	13	Date :	1/11/05
Bicon Ant.#:	NA	Humidity (%) :	61	Time :	
Log Ant.#:	110	EUT Voltage :	NA	Staff :	A. Laudani
DRG Ant. #	529	EUT Frequency :	NA		
Dipole Ant.#:	NA	Phase:	NA	Peak Bandwidth:	1 MHz
Cable#:	40ft	Location:	Soats	Video Bandwidth	1 MHz
Preamp#:	40db	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
824.04	96.71	89.78	23.8	23.15	33.0	-9.9	90.0	1.1	Pass	
1648.08	73.44	66.84	-12.5	-36.42	-13.0	-23.4		1.0	Pass	
2472.12	57.99	58.54	-7.9	-46.72	-13.0	-33.7		1.0	Pass	
3296.16	60.87	55.81	-4	-40.49	-13.0	-27.5		1.0	Pass	
4120.2	61.34	54.81	-0.8	-36.82	-13.0	-23.8		1.0	Pass	
4944.24	60.25	55.71	-1.2	-38.31	-13.0	-25.3		1.0	Pass	
5768.28	52.15	48.70	2.5	-42.71	-13.0	-29.7			Pass	
6592.32	57.18	56.10	3.4	-36.78	-13.0	-23.8		1.0	Pass	
7416.36	48.20	50.10	5.8	-41.46	-13.0	-28.5			Pass	
8240.4	47.71	46.24	7.5	-42.15	-13.0	-29.2			Pass	
836.49	97.62	90.14	23.4	23.66	33.0	-9.3	90.0	1.1	Pass	
1672.98	77.05	65.51	-12.5	-32.81	-13.0	-19.8		1.0	Pass	
2509.47	61.62	58.48	-7	-42.74	-13.0	-29.7		1.0	Pass	
3345.96	62.25	58.70	-4	-39.11	-13.0	-26.1		1.0	Pass	
4182.45	62.64	57.37	-0.8	-35.52	-13.0	-22.5		1.0	Pass	
5018.94	57.22	57.03	1.7	-38.439	-13.0	-25.4		1.0	Pass	
5855.43	51.02	50.10	2.5	-43.84	-13.0	-30.8			Pass	nf
6691.92	54.98	54.27	3.4	-38.98	-13.0	-26.0		1.0	Pass	
7528.41	48.88	47.43	7	-41.48	-13.0	-28.5			Pass	nf
8364.90	46.74	46.20	7.5	-43.12	-13.0	-30.1			Pass	nf
848.97	99.28	92.13	23.7	25.62	33.0	-7.4	90.0	1.1	Pass	
1697.94	90.23	74.48	-12.5	-19.63	-13.0	-6.6		1.0	Pass	
2546.91	77.07	71.72	-7	-27.29	-13.0	-14.3		1.0	Pass	
3395.88	63.09	57.55	-4	-38.27	-13.0	-25.3		1.0	Pass	
4244.85	62.13	59.78	-0.8	-36.03	-13.0	-23.0		1.0	Pass	
5093.82	62.60	59.60	1.7	-33.06	-13.0	-20.1		1.0	Pass	
5942.79	50.31	50.62	2.5	-44.24	-13.0	-31.2			Pass	nf
6791.76	49.29	50.04	3.4	-43.92	-13.0	-30.9		1.0	Pass	
7640.73	47.27	48.04	7	-42.32	-13.0	-29.3			Pass	nf
8489.70	45.57	44.83	7.5	-44.29	-13.0	-31.3			Pass	nf

Radiated Emissions Data

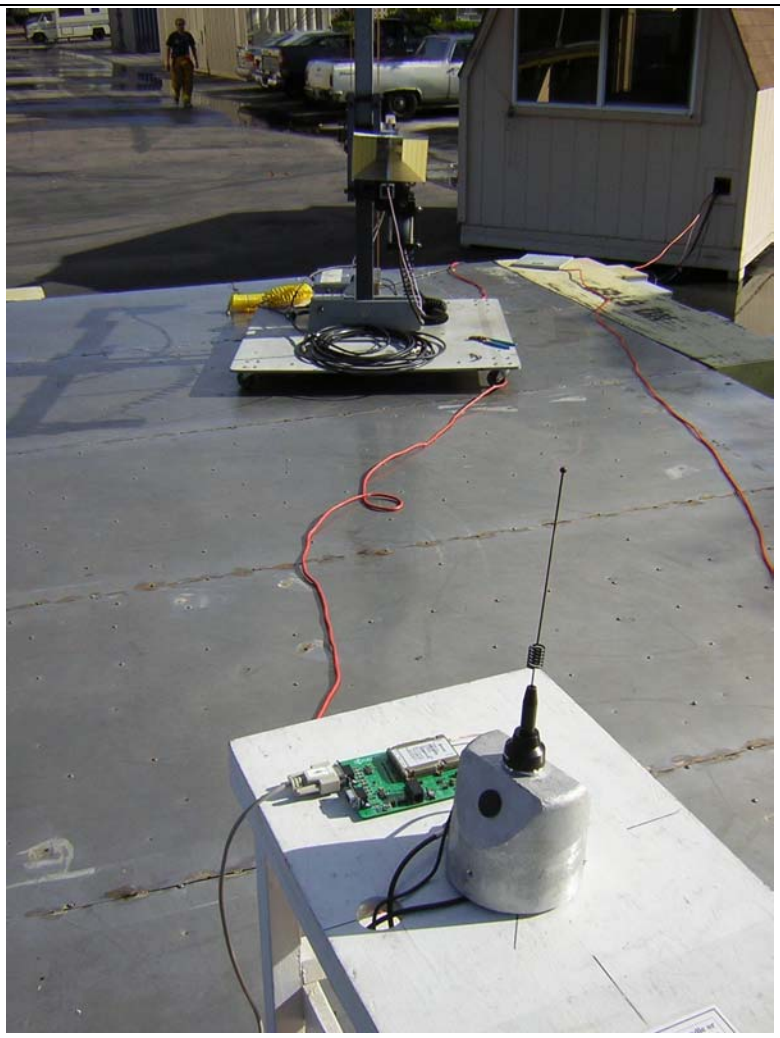
Job # : 24-611-KYO Test # : 3
Page 1 of 1

Client Name : Kyocera Wireless Corp.
EUT Name : M200 Callbox
EUT Model # : 6040-4050-56
EUT Part # : NA
EUT Serial # :
EUT Config. : CDMA Tx Harmonics

Specification : FCC Part 22 Reference :

Rod. Ant. #:	NA	Temp. (deg. C) :	15	Date :	Jan.11
Bicon Ant.#:	NA	Humidity (%) :	61	Time :	
Log Ant.#:	110	EUT Voltage :	NA	Staff :	A. Laudani
DRG Ant. #	529	EUT Frequency :	NA	Photo ID:	
Dipole Ant.#:	NA	Phase:	NA	Peak Bandwidth:	1 MHz
Cable#:	40ft	Location:	Soats	Video Bandwidth:	1 MHz
Preamp#:	40db	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	97.04	90.02	23.8	23.48	33.0	-9.5	90.0	1.1	Pass	
1649.4	73.64	68.19	-12.5	-36.22	-13.0	-23.2		1.4	Pass	
2474.1	63.42	57.93	-7.9	-41.84	-13.0	-28.8		1.1	Pass	
3298.8	59.88	54.41	-4	-41.48	-13.0	-28.5		1.0	Pass	
4123.5	54.21	55.28	-0.8	-42.88	-13.0	-29.9		1.0	Pass	
4948.2	49.85	49.98	-1.2	-48.58	-13.0	-35.6			Pass	nf
5772.9	50.91	49.60	2.5	-43.95	-13.0	-31.0			Pass	nf
6597.6	57.27	51.66	3.4	-36.69	-13.0	-23.7		1.0	Pass	
7422.3	48.52	48.74	5.8	-42.82	-13.0	-29.8			Pass	nf
8247	46.77	45.69	7.5	-43.09	-13.0	-30.1			Pass	nf
836.49	97.69	90.40	23.4	23.73	33.0	-9.3	90.0	1.1	Pass	
1672.98	77.54	72.43	-12.5	-32.32	-13.0	-19.3		1.2	Pass	
2509.47	62.06	63.22	-7	-41.14	-13.0	-28.1		1.0	Pass	
3345.96	61.28	56.79	-4	-40.08	-13.0	-27.1		1.0	Pass	
4182.45	57.61	55.03	-0.8	-40.55	-13.0	-27.6		1.0	Pass	
5018.94	52.68	50.36	1.7	-42.98	-13.0	-30.0			Pass	
5855.43	52.16	49.19	2.5	-42.7	-13.0	-29.7			Pass	
6691.92	55.76	49.04	3.4	-38.2	-13.0	-25.2		1.0	Pass	
7528.41	49.61	49.19	7	-40.75	-13.0	-27.8			Pass	
8364.9	46.91	47.30	7.5	-42.56	-13.0	-29.6			Pass	
848.31	97.59	85.76	23.7	23.93	33.0	-9.1	90.0	1.1	Pass	
1696.62	80.48	65.85	-12.5	-29.38	-13.0	-16.4		1.3	Pass	
2544.93	68.46	63.16	-7	-35.9	-13.0	-22.9		1.1	Pass	
3393.24	56.19	57.59	-4	-43.77	-13.0	-30.8		1.0	Pass	
4241.55	55.41	56.61	-0.8	-41.55	-13.0	-28.6		1.0	Pass	
5089.86	55.27	50.55	1.7	-40.39	-13.0	-27.4		1.0	Pass	
5938.17	50.42	51.28	2.5	-43.58	-13.0	-30.6			Pass	
6786.48	55.41	51.73	3.4	-38.55	-13.0	-25.6		1.0	Pass	
7634.79	48.71	47.46	7	-41.65	-13.0	-28.7			Pass	
8483.10	45.77	45.77	7.5	-44.09	-13.0	-31.1			Pass	



Section 10. Frequency Stability

Para. No.: 2.1055

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

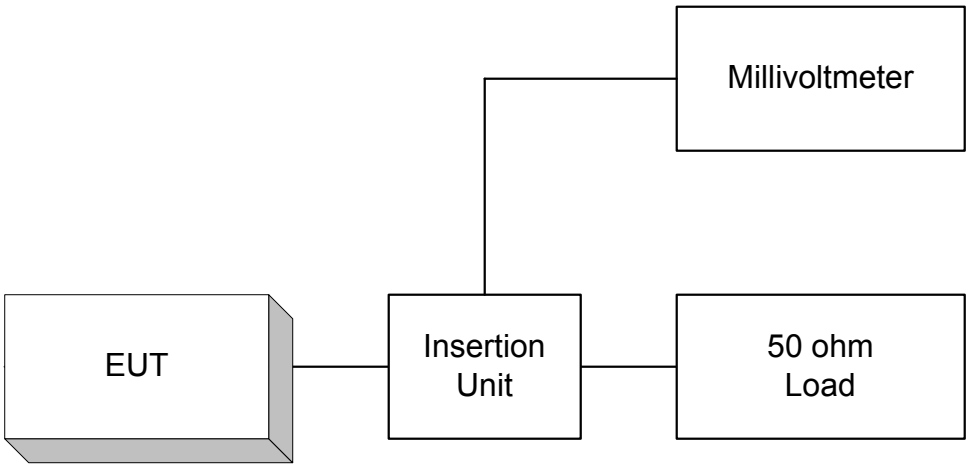
Minimum Standard: Para. No. 22.355; 24.235.

Test Results: Not applicable, per customer's instructions.

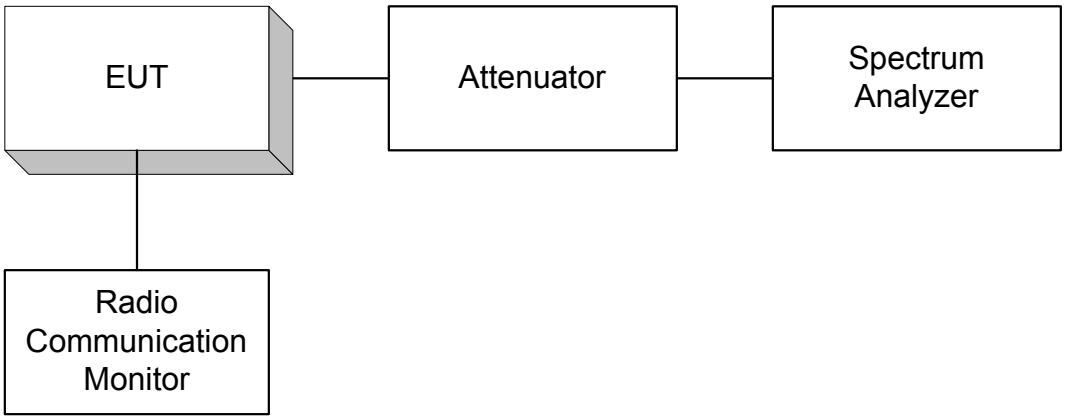
Measurement Data: Standard Test Frequency: _____ MHz
Standard Test Voltage: _____ Vdc

Section 11. Block Diagrams

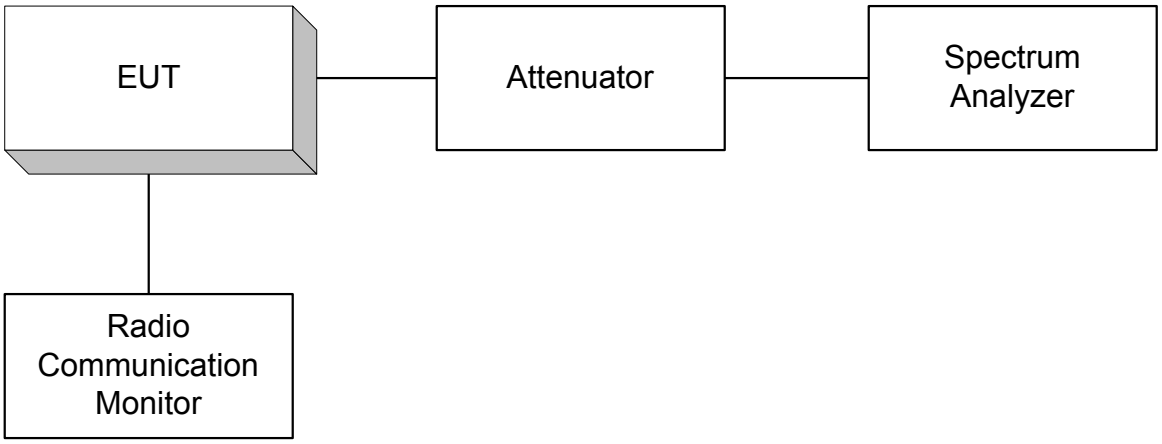
Para. No. 2.1046 - R.F. Power Output



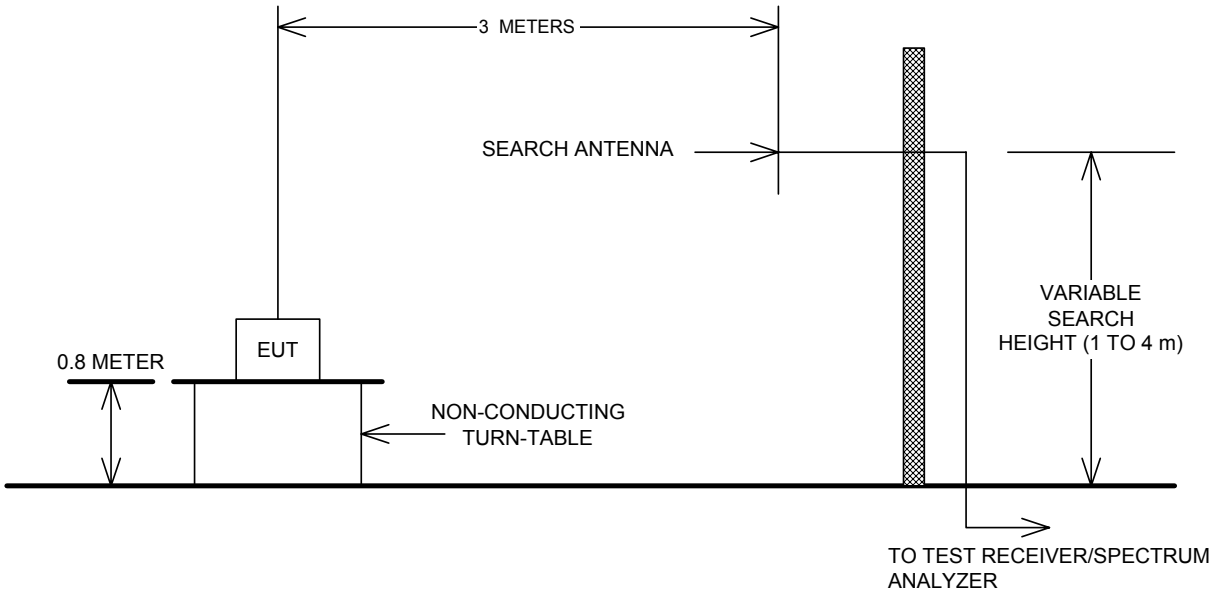
Para. No. 2.1049 - Occupied Bandwidth



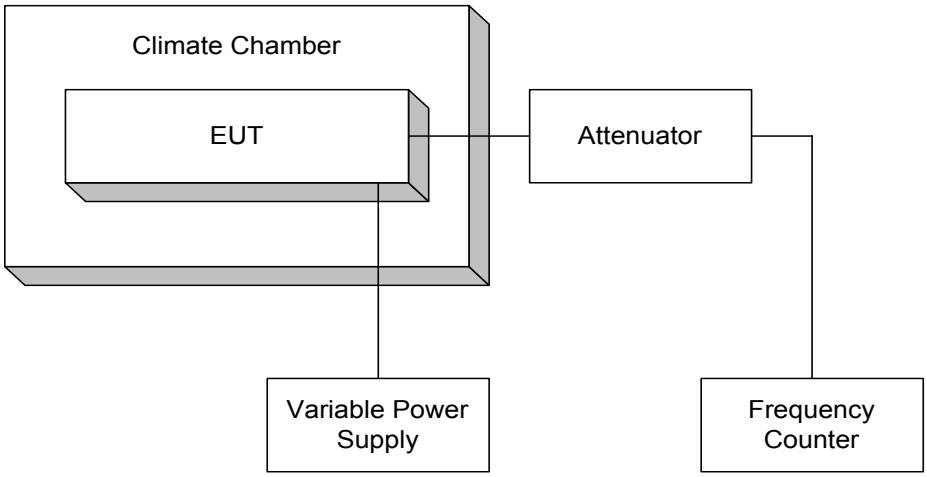
Para. No. 2.1051 Spurious Emissions at Antenna Terminals



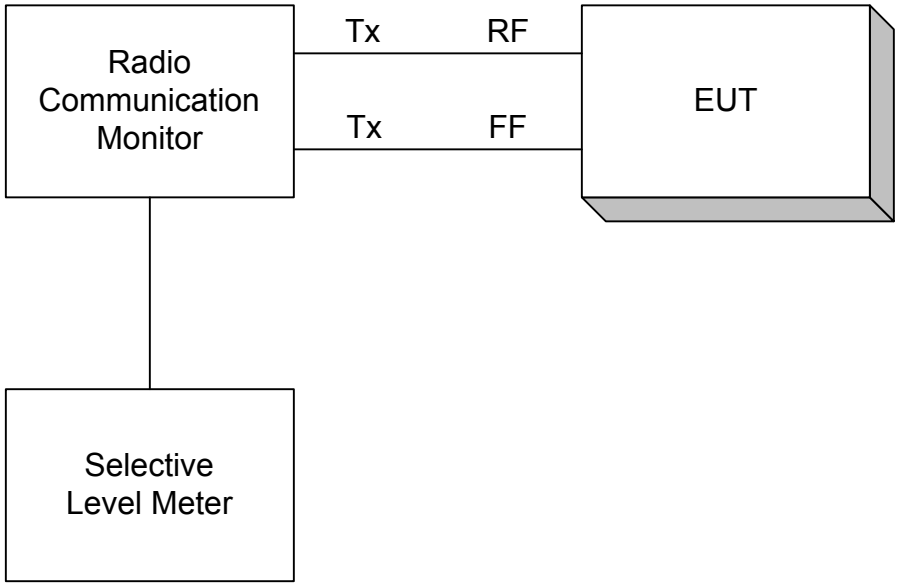
Para. No. 2.1053 - Field Strength of Spurious Radiation



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	Kyocera Wireless	**EUT Name**	M200 Call Box		
PAN #	24-611-KYO	**EUT Model**	6040-4050-56		
Device Type	*Model #*	*MFG*	*Asset #*	*SN*	*Cal Due*
OATS #1 (North)					
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	E8254A	Agilent	836	US41140229	11-16-05
Dipole Set	3121C	EMCO	756	1215	8-27-05
Antenna, LPA	3146	EMCO	112	9101-2988	9-19-05

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