

EXHIBIT A

[FCC Ref. 2.1033(b)(6)]

"Report of Measurements"

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TEST REPORT CONTAINING:

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PRODUCT DESCRIPTION

The Model 25839XXX-C (Base) is a 900MHz single-line cordless telephone base that operates from 924.575 MHz to 926.562 MHz. This model is identical to Model 25839XXX-B (Base) except for model designation and RF module.

The antenna used for the base is permanently attached to the EUT.

Refer to Exhibit A(5)-1 and -2 for complete frequency list.

15.249 (a), (b) and (c) FIELD STRENGTH OF EMISSIONS**Requirements:**

Fundamental Frequency	Field Strength of Harmonics	15.209	
94dB μ V	54 dB μ V/m@ 3m	30-88 MHz	40 dB μ V/m@ 3m
		88-216 MHz	43.5
		216-960 MHz	46
		Above 960 MHz	54

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in 15.209, whichever is the lesser attenuation.

Emissions that fall in the restricted bands (15.205) must be less than 54dB μ V/m

Procedure

The test procedure used was ANSI STANDARD C63.4-2003 and DA-00-705 using an appropriate spectrum analyzer, as listed in the Test Equipment List. The bandwidth (RBW) of the spectrum analyzer was 100KHz/120KHz up to 1GHz with an appropriate sweep speed. The RBW above 1.0GHz was = 1.0MHz. The analyzer was calibrated in dB above a microvolt at the output of the antenna. The ambient temperature of the EUT was 24°C with a humidity of 60%.

Test Data:

Refer to Exhibit A(3)-2

FIELD STRENGTH OF EMISSIONS**MODEL 25839XXX-C
BASE UNIT**

Emission Frequency MHz	Meter Reading @3m dBμV	Antenna	Cable and ACF dB	Field Strength dBμV/M	FCC Limit dBμV/M	Margin dB	Detector & BW KHz
<u>Channel 1</u>							
924.570	50.00	RT4 V	33.40	83.40	94	-10.60	PK 1000
—							
<u>Channel 40</u>							
926.570	50.00	RT4 V	33.40	83.40	94	-10.60	PK 1000
—							
BASE UNIT (Model 25839XXX-C) 30 MHz - 1 GHz							
<u>TX</u>							
462.32	9.00	LP V	22.80	31.80	46	-14.20	QP 120

TEST FACILITY AND EQUIPMENT LIST

FACILITIES:

Radiated ANSI C63.4-2003 (FCC OET/55) open field 3 metre test range. This test range is protected from the cold and moisture by a non-conductive enclosure.

EQUIPMENT

Anritsu 2601A Spectrum Analyzer
Advantest R3261A Spectrum Analyzer
Hewlett-Packard RF generator # 8640 B with an 002 doubler
A.H. Systems biconical antenna; 20 MHz to 330 MHz
A.H. Systems log periodic antenna; 300 MHz to 1.8 GHz
Compliance Design P950 Preamp (16 dB) ... 25 MHz to 1.0 GHz

NOTE:

The Anritsu 2601A Spectrum Analyzer and the Advantest R3261A Spectrum Analyzer are calibrated annually, and that calibration is directly traceable to the National Research Council of Canada. (NRC)
This equipment is only used by qualified technicians and only for the purpose of EMI measurements. The three metre test range has been carefully evaluated to the ANSI document C63.4-2003 and will be remeasured for reflections and losses every three years.

ADDITIONAL TEST EQUIPMENT LIST

1. Spectrum Analyzer: HP 8591EM, S/N 3639A00995, (9KHz - 1.8GHz), Calibration Due June 2006
2. Spectrum Analyzer: ANRITSU 2601A, S/N MT64544, (10KHz - 2.2GHz), Calibration Due June 2006
3. Spectrum Analyzer: IFR AN940, S/N 635001039, (9KHz - 26.5GHz), Calibration Due April 2006
4. Preamplifier: HP 8449B, S/N 3008A00378, (1 - 26.5GHz), Calibration Due August 2006
5. Horn Antenna: Q-PAR 6878/24, S/N 1721, (1.5-18GHz)
6. Horn Antenna: A. H. Systems SAS 572, S/N 164 (18 - 26.5GHz)
7. Line Impedance Stabilization Network.: Marstech, Calibration Due July 2006
8. Horn Antenna: Radar System (Flange 3/4" Square) MIL F 3922/68 (26.5 - 40GHz)
9. OML Mixer: M28HWD, S/N Ka31114-1 (26.5 - 40GHz), Calibration Due Nov. 2005
10. OML Diplexer: DPL.313A (Unit plugs into M28HWD)
11. Semflex Cable: Used with M28HWD and DPL.313A

FEDERAL COMMUNICATIONS COMMISSION

Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046

August 22, 2003

Registration Number: 90578

Electrohome Electronics Ltd.
809 Wellington St. N.
Kitchener, Ontario, N2G 4J6
Canada

Attention: Tuat Huynh

Re: Measurement facility located at Roseville
3 meter site
Date of Renewal: August 22, 2003

Dear Sir or Madam:

Your request for renewal of the registration of the subject measurement facility has been received. The information submitted has been placed in your file and the registration has been renewed. The name of your organization will remain on the list of facilities whose measurement data will be accepted in conjunction with applications for Certification under Parts 15 or 18 of the Commission's Rules. Please note that the file must be updated for any changes made to the facility and the registration must be renewed at least every three years.

Measurement facilities that have indicated that they are available to the public to perform measurement services on a fee basis may be found on the FCC website www.fcc.gov under E-Filing, OET Equipment Authorization Electronic Filing, Test Firms.

Sincerely,



Ms. Phyllis Parrish
Information Technician

25839XXX-B Frequency Table

A. Base unit

Ch. No	BU Tx Freq	BU Tx Vco Freq	BU Rx Freq
1	924575072	462287536	5788656640
2	924626024	462313012	5788834972
3	924676976	462338488	5789013304
4	924727928	462363964	5789191636
5	924778880	462389440	5789369968
6	924829832	462414916	5789548300
7	924880784	462440392	5789726632
8	924931736	462465868	5789904964
9	924982688	462491344	5790083296
10	925033640	462516820	5790261628
11	925084592	462542296	5790439960
12	925135544	462567772	5790618292
13	925186496	462593248	5790796624
14	925237448	462618724	5790974956
15	925288400	462644200	5791153288
16	925339352	462669676	5791331620
17	925390304	462695152	5791509952
18	925441256	462720628	5791688284
19	925492208	462746104	5791866616
20	925543160	462771580	5792044948
21	925594112	462797056	5792223280
22	925645064	462822532	5792401612
23	925696016	462848008	5792579944
24	925746968	462873484	5792758276
25	925797920	462898960	5792936608
26	925848872	462924436	5793114940
27	925899824	462949912	5793293272
28	925950776	462975388	5793471604
29	926001728	463000864	5793649936
30	926052680	463026340	5793828268
31	926103632	463051816	5794006600
32	926154584	463077292	5794184932
33	926205536	463102768	5794363264
34	926256488	463128244	5794541596
35	926307440	463153720	5794719928
36	926358392	463179196	5794898260
37	926409344	463204672	5795076592
38	926460296	463230148	5795254924
39	926511248	463255624	5795433256
40	926562200	463281100	5795611588

BU Rx Vco Freq
828479520
828504996
828530472
828555948
828581424
828606900
828632376
828657852
828683328
828708804
828734280
828759756
828785232
828810708
828836184
828861660
828887136
828912612
828938088
828963564
828989040
829014516
829039992
829065468
829090944
829116420
829141896
829167372
829192848
829218324
829243800
829269276
829294752
829320228
829345704
829371180
829396656
829422132
829447608
829473084