Flom Test Labs
EMI, EMC, RF Testing Experts Since 1963
toll-free: (866) 311-3268
fax: (480) 926-3598
http://www.flomlabs.com
info@flomlabs.com

For MFA internal use only *Please keep this page with the report in out files.*

Applicant:	Telex Communications, Inc.
Model:	RevWT Beltpack 614-697MHz
FCC ID:	B5DB119

Formulaire:	L:\\Project\\Formulaire\\FCC.MPE.Power Density.rtf
Last Modified:	2000-Oct-17
Purpose:	Environmental Assessment (MPE) Power Density
MFA Project ID:	p0810004
Client ID:	TELEX
Date:	September 23 2008
This Printing	2008-Sep-23 Tue
Writer:	HSB/je

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Date: July 9, 2008

Applicant:
Telex Communications, Inc.
8601 E. Cornhusker Highway
P.O. Box 5579
Lincoln, NE 68505-5579

Attention of:
Charles E. Conner, Project Engineer
(402) 467-5321; FAX: -3279
E-mail: charlie.conner@us.telex.com
Jim Andersen
Email: jim.andersen@us.telex.com

Equipment: Rev WT Beltpack 614-697MHz
FCC ID: B5DB119
FCC Rules: Radio Frequency Radiation Exposure Limits
47 CFR 1.1310
MPE - Mobiles ___X___ Fixed Based Station _____

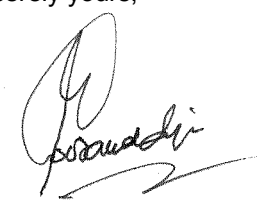
Gentlemen:

Enclosed please find your copy of the Supplemental Test Data Report, the whole for Environmental Assessment (MPE) of the referenced equipment as shown.

Please allow from 8-12 weeks to hear from the Commission, who may request additional data or information, and even a sample for pre-grant audit testing.

Should you need any clarification, just fax or phone. Thank you again for this order - it has been a pleasure to be of service.

Sincerely yours,



Hoosamuddin S. Bandukwala, Lab Director

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(866) 311-3268 phone, (480) 926-3598 fax

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September 23, 2008

Federal Communications Commission
Via: Electronic Filing

Authorization & Evaluation Division

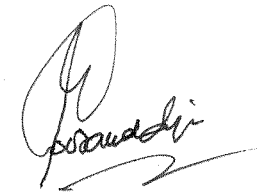
Telex Communications, Inc.
Rev WT Beltpack 614-698MHz
B5DB119
Radio Frequency Radiation Exposure Limits
47 CFR 1.1310
MPE - Mobiles X Fixed Based Station _____

Gentlemen:

On behalf of the Applicant, enclosed please find the Supplemental Test Data Report, the whole for Environmental Assessment (MPE) of the referenced equipment as shown.

We trust the same is in order. Should you need any further information, kindly contact the writer who is authorized to act as agent.

Sincerely yours,



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Environmental Assessment

for

Mobiles

for

FCC ID: FCC ID: B5DB119

Model: Beltpack 614-697MHz

to

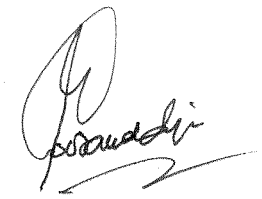
Federal Communications Commission

47 CFR 1.1310

Radio Frequency Radiation Exposure Limits

Date Of Report: September 23, 2008

On the Behalf of the Applicant:	Telex Communications, Inc.
At the Request of:	Telex Communications, Inc. 8601 E. Cornhusker Highway P.O. Box 5579 Lincoln, NE 68505-5579
Attention of:	Charles E. Conner, Project Engineer (402) 467-5321; FAX: -3279 E-mail: charlie.conner@us.telex.com Jim Andersen Email: jim.andersen@us.telex.com



Supervised By: Hoosamuddin S. Bandukwala, Lab Director

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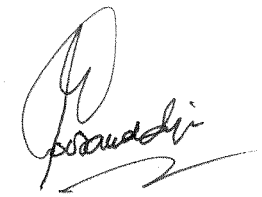
Testimonial and Statement of Certification

This is to certify that:

1. **That** the application was prepared either by, or under the direct supervision of, the undersigned.
2. **That** the technical data supplied with the application was taken under my direction and supervision.
3. **That** the data was obtained on representative units, randomly selected.
4. **That**, to the best of my knowledge and belief, the facts set forth in the application and accompanying technical data are true and correct.



Certifying Engineer: Hoosamuddin S. Bandukwala, Lab Director

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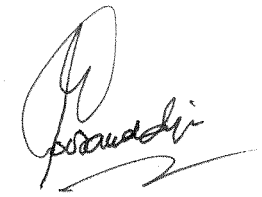
Required information per ISO 17025-2005, paragraph 5.10:

a)	**Test Report (Supplemental)**
b) Laboratory: (FCC: 31040/SIT) (Canada: IC 2044)	Flom Test Labs 3356 N. San Marcos Place, Suite 107 Chandler, AZ 85225
c) Report Number:	d0870007
d) Client:	Telex Communications, Inc. 8601 E. Cornhusker Highway P.O. Box 5579 Lincoln, NE 68505-5579
e) Identification:	Rev WT Beltpack 614-697MHz FCC ID: B5DB119
Description:	Wireless Mic Belt pack (3 units to cover frequency range- Low, Mid, Hi)
f) EUT Condition:	Not required unless specified in individual tests.
g) Report Date:	September 23, 2008
h, j, k):	As indicated in individual tests.
i) Sampling method:	No sampling procedure used.
l) Uncertainty:	In accordance with FTL internal quality manual.
m) Supervised by:	 Hoosamuddin S. Bandukwala, Lab Director
n) Results:	The results presented in this report relate only to the item tested.
o) Reproduction:	This report must not be reproduced, except in full, without written permission from this laboratory.

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Identification of the Equipment Under Test (EUT)

Name and Address of Applicant:	Telex Communications, Inc. 8601 E. Cornhusker Highway P.O. Box 5579 Lincoln, NE 68505-5579
Manufacturer:	Telex Communications, Inc. 8601 E. Cornhusker Highway P.O. Box 5579 Lincoln, NE 68505-5579
FCC ID:	B5DB119
Model Number:	Rev WT Beltpack 614-697MHz
Description:	Wireless Mic Belt pack (3 units to cover frequency range- Low, Mid, Hi)
Type of Emission:	FM
Frequency Range, MHz:	614 to 697
Power Rating, Watts:	50 mW

__x__ Switchable ____ Variable ____ N/A

Modulation:

____ AMPS
____ TDMA
____ CDMA
____ OTHER

Antenna:

____ Helical
__X__ Monopole
____ Whip
____ Other

Note: For RF Safety test antenna gain taken at the upper range of expected gain (i.e. 0 dBd) and RF Power set to highest nominal power across all channels.

A2LA

"A2LA has accredited Flom Test Labs, Inc. Chandler, AZ for technical competence in the field of Electrical testing. The accreditation covers the specific tests and types of tests listed on the agreed scope of accreditation. This laboratory meets the requirements of ISO 17025:2005 'General Requirements for the Competence of Testing and Calibration Laboratories' and any additional program requirements in the identified field of testing."

Please refer to www.a2la.org for current scope of accreditation.

Certificate number: 2152.01

Standard Test Conditions and Engineering Practices

Except as noted herein, the following conditions and procedures were observed during the testing:

In accordance with ANSI C63.4-2004 and unless otherwise indicated in the specific measurement results, the ambient temperature of the actual EUT was maintained within the range of 10° to 40°C (50° to 104 °F) unless the particular equipment requirements specify testing over a different temperature range. Also, unless otherwise indicated, the humidity levels were in the range of 10% to 90% relative humidity.

Prior to testing, the EUT was tuned up in accordance with the manufacturer's alignment procedures. All external gain controls were maintained at the position of maximum and/or optimum gain throughout the testing.

Measurement results, unless otherwise noted, are worst-case measurements.

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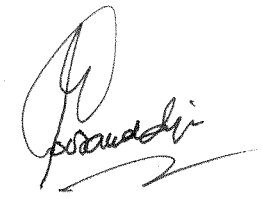
Name of Test:	Environmental Assessment	
Specification:	FCC: 47 CFR 1.1310	
Measurement Guide:	ANSI/IEEE C95.1 1992	
Name of Test:	R.F. Radiation Exposure	
FCC Rules:	1.1307, 1.1310, 1.1311, 2.1091	
Limits: Uncontrolled Exposure	0.3-1.234 MHz:	Limit [mW/cm^2] = 100
47 CFR 1.1310	1.34-30 MHz:	Limit [mW/cm^2] = ($180/f^2$)
Table 1, (B)	30-300 MHz:	Limit [mW/cm^2] = 0.2
	300-1500 MHz	Limit [mW/cm^2] = f/1500
	1500-100,000 MHz:	Limit [mW/cm^2] = 1.0
Test Frequencies, MHz	668	
Power, Conducted, W (P)	50 mW	
Antenna Gain Isotropic	1.5 dBi	
Antenna Gain Numeric (G)	1.41	
Antenna Type	monopole	
Distance (R)	20 cm	
Power Density Calculations	Formula =	$S = PG / 4\pi R^2$
	Power Density (S) =	0.0367
	Limit =	0.0140



Supervised By: Hoosamuddin S. Bandukwala, Lab Director