EMC Compliance Management Group
670 National Avenue
Mountain View, CA 94043
Tel. (650) 988-0900
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Competent Body Approval #: 14082
NVLAP Lab code: 200068-0

EMC TEST REPORT

On Model: 36240
Prepared for UNICAL ENTERPRISES, INC.

According to FCC Part 15 Class B

CERTIFICATION REPORT

FCC ID #:	*LZX36240*
Prepared by:	*Nancy T. Nguyen*
QC Manager:	*Michael J. Azar*

DECLARATION OF CONFORMITY

According to FCC Part 15

Responsible Party Name	:	***Unical Enterprises, Inc.***
Address	:	***16960 Gale Avenue, City of Industry, CA 91745***
Telephone	:	***(626) 965-5588***
Declares that product	:	***2.4 GHz Cordless Phone Receiver (base and handset)***
Model Name	:	***36240***

Complies with Part 15 of the FCC Rules.

This device complies with Part 15 of the FCC rules. Operations is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Responsible Party:

Date: _____

Phone: _____

Fax: _____

Signature: _____

Test Laboratory:

This is the result of tests, that were carried out from the submitted product sample(s) in conformity with the specification of the respective standards. The certification holder has the right to affix the FCC label on the product complying with the inspection sample.

EMC COMPLIANCE MANAGEMENT GROUP

670 National Ave. Mountain View, CA 94043
650-988-0900 650-988-6647(Fax)

NVLAP **Accreditation #: 200068-0**

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ADMINISTRATIVE DATA

Test Sample : *36240*

FCC ID Number : *LZX36240*

Manufacturer : *Unical Enterprises, Inc.*

Telephone : *(626) 965-5588*

Fax : *(626) 965-0970*

EUT Description

Unical Enterprises, Inc., model 36240 (referred to as the EUT in this report) is a 40 channel 2.4 GHz Cordless Telephone.

Test Summary

The Electromagnetic Compatibility requirements on Model 36240 for this test are stated below. All results listed in this report relate exclusively to this above-mentioned model as the Equipment Under Test (EUT). This report confers no approval or endorsement upon any other component, host or subsystem used in the test set-up.

Emission Tests			
Specifications	***Test Results***	***Test Point***	***Remark***
CFR 47 Part 15 Section 15.203	*Permanent Antenna*	*N/A*	*Complies*
CFR 47 Part 15 Section 15.214	*Complies*	*Enclosure*	*Complies*
CFR 47 Part 15 Section 15.107 & 15.207	*Conducted Emission Test*	*AC Input Port*	*Pass Attachment 1*
CFR 47 Part 15 Section 15.109 & 15.209	*Radiated Emission Test*	*Enclosure*	Pass Attachment 2
CFR 47 Part 15 Section 15.249	*Complies*	*Enclosure*	*Pass Attachment 3*

Test Location

EMC Compliance Management Group is located at 670 National Ave., Mountain View, CA 94043, USA.

Accreditation Bodies

EMC Compliance Management Group is a fully accredited Test Laboratory for ITE, ISM and Telecommunications Products.

***Laboratory Assessment #:** 14082, Approved by Assessment Services, A U. K. Competent Body, as meeting the requirements of EN45001and ISO Guide 25.*

In compliance with the site registration requirements of Section 2.948 of the FCC Rules to perform EMI measurements for the general public.

Accredited by the National Voluntary Laboratory Accreditation Program for the specific scope of accreditation under Lab Code # 200068-0.

Registered in accordance with Japanese VCCI Regulations.

Compliance with 15.214 (d)

The Excursion® uses a digital coding security system to prevent unauthorized use of your telephone line by other cordless phones nearby. The Excursion® has 65,536 possible security code combinations, which is randomly generated every time that handset is picked up. The automatic channel selection procedure for this phone is contained on the following several pages.

AUTOMATIC CHANNEL SELECTION MECHANISM
MODEL 36240

During the activation of Talk, the Handset receiver scans for free channels from its Default channel (about 80ms for channel) and stores the status to its memory. Once a free channel is found, the Handset transmits the Talk instruction to Base.

Likewise, the Base receiver continuously scans for free channels from its Default channel (about 120ms per channel) and stores the states to its memory. Once the Base receiver received the instruction from the Handset, it will stop from scanning and transmits the acknowledgement data.

Each unit has a different Default Channel . It is generated from the unit's ID.

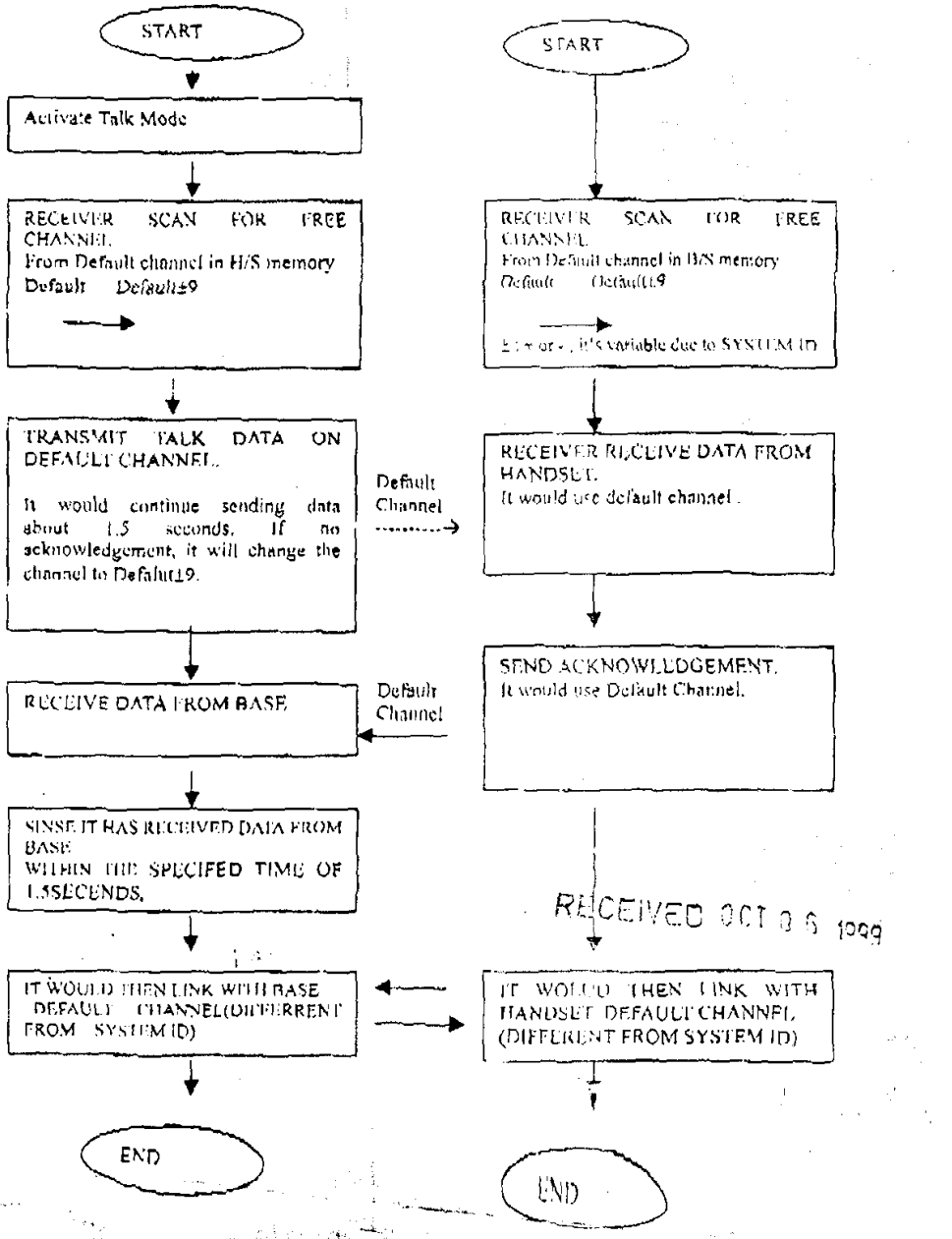
If all of transmit channels of Handset and Base are occupied (all busy), Handset and Base will link on the Default channel.

BASE			HANDSET		BASE			HANDSET	
CH	TX	RX	TX	RX	CH	TX	RX	TX	RX
1	2400.45	2472.45	2472.45	2400.45	20	2403.45	2475.45	2475.45	2403.45
2	2400.60	2472.60	2472.60	2400.60	21	2403.60	2475.60	2475.60	2403.60
3	2400.75	2472.75	2472.75	2400.75	22	2403.75	2475.75	2475.75	2403.75
4	2400.90	2472.90	2472.90	2400.90	23	2403.90	2475.90	2475.90	2403.90
5	2401.05	2473.05	2473.05	2401.05	24	2404.05	2476.05	2476.05	2404.05
6	2401.20	2473.20	2473.20	2401.20	25	2404.20	2476.20	2476.20	2404.20
7	2401.35	2473.35	2473.35	2401.35	26	2404.35	2476.35	2476.35	2404.35
8	2401.50	2473.50	2473.50	2401.50	27	2404.50	2476.50	2476.50	2404.50
9	2401.65	2473.65	2473.65	2401.65	28	2404.65	2476.65	2476.65	2404.65
10	2401.80	2473.80	2473.80	2401.80	29	2404.80	2476.80	2476.80	2404.80
11	2401.95	2473.95	2473.95	2401.95	30	2404.95	2476.95	2476.95	2404.95
12	2402.10	2474.10	2474.10	2402.10	31	2405.10	2477.10	2477.10	2405.10
13	2402.25	2474.25	2474.25	2402.25	32	2405.25	2477.25	2477.25	2405.25
14	2402.40	2474.40	2474.40	2402.40	33	2405.40	2477.40	2477.40	2405.40
15	2402.55	2474.55	2474.55	2402.55	34	2405.55	2477.55	2477.55	2405.55
16	2402.70	2474.70	2474.70	2402.70	35	2405.70	2477.70	2477.70	2405.70
17	2402.85	2474.85	2474.85	2402.85	36	2405.85	2477.85	2477.85	2405.85
18	2403.00	2475.00	2475.00	2403.00	37	2406.00	2478.00	2478.00	2406.00
19	2403.15	2475.15	2475.15	2403.15	38	2406.15	2478.15	2478.15	2406.15
*	2403.30	2475.30	2475.30	2403.30	39	2406.30	2478.30	2478.30	2406.30
					40	2406.45	2478.45	2478.45	2406.45

* channel is used for TEST MODE only.

TALK MODE

CONDITION 1: All channels are unoccupied (Free channel)



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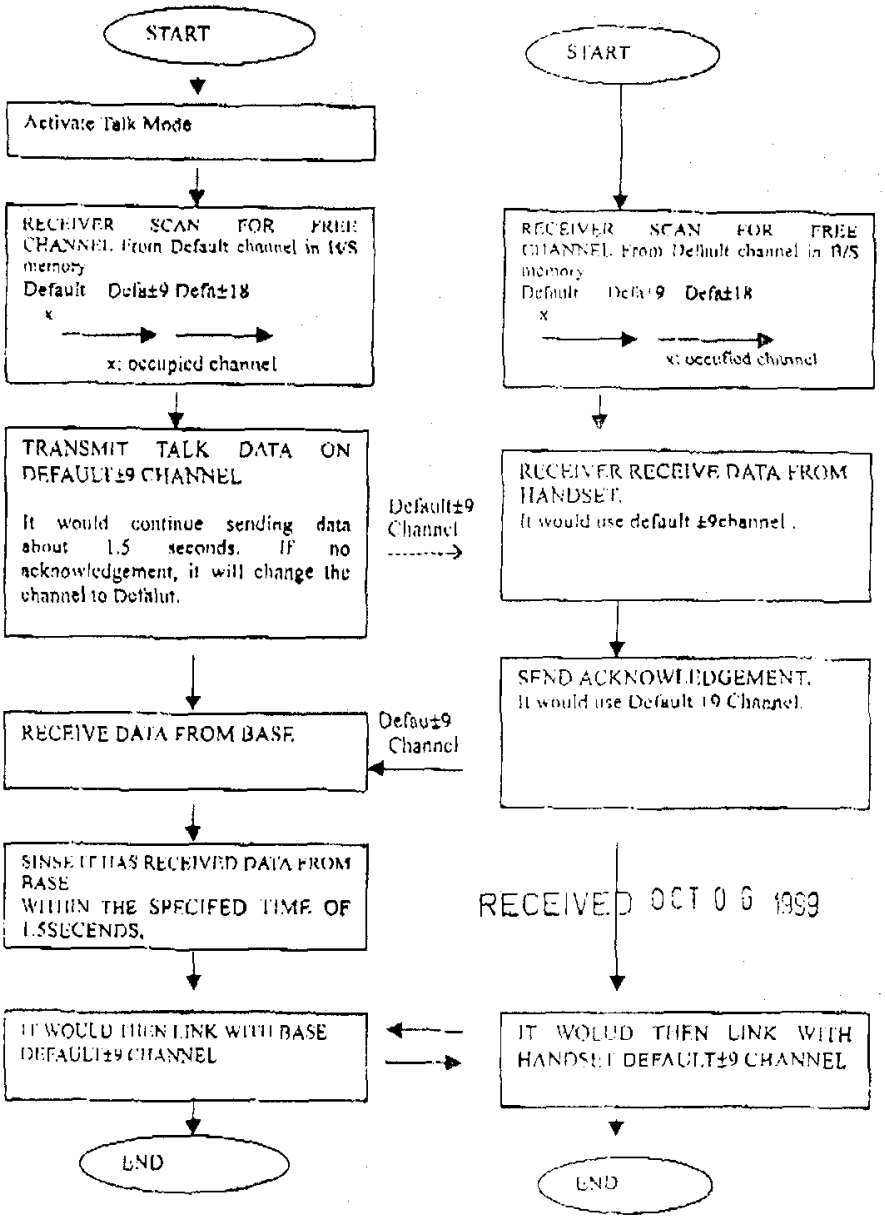
TALK MODE

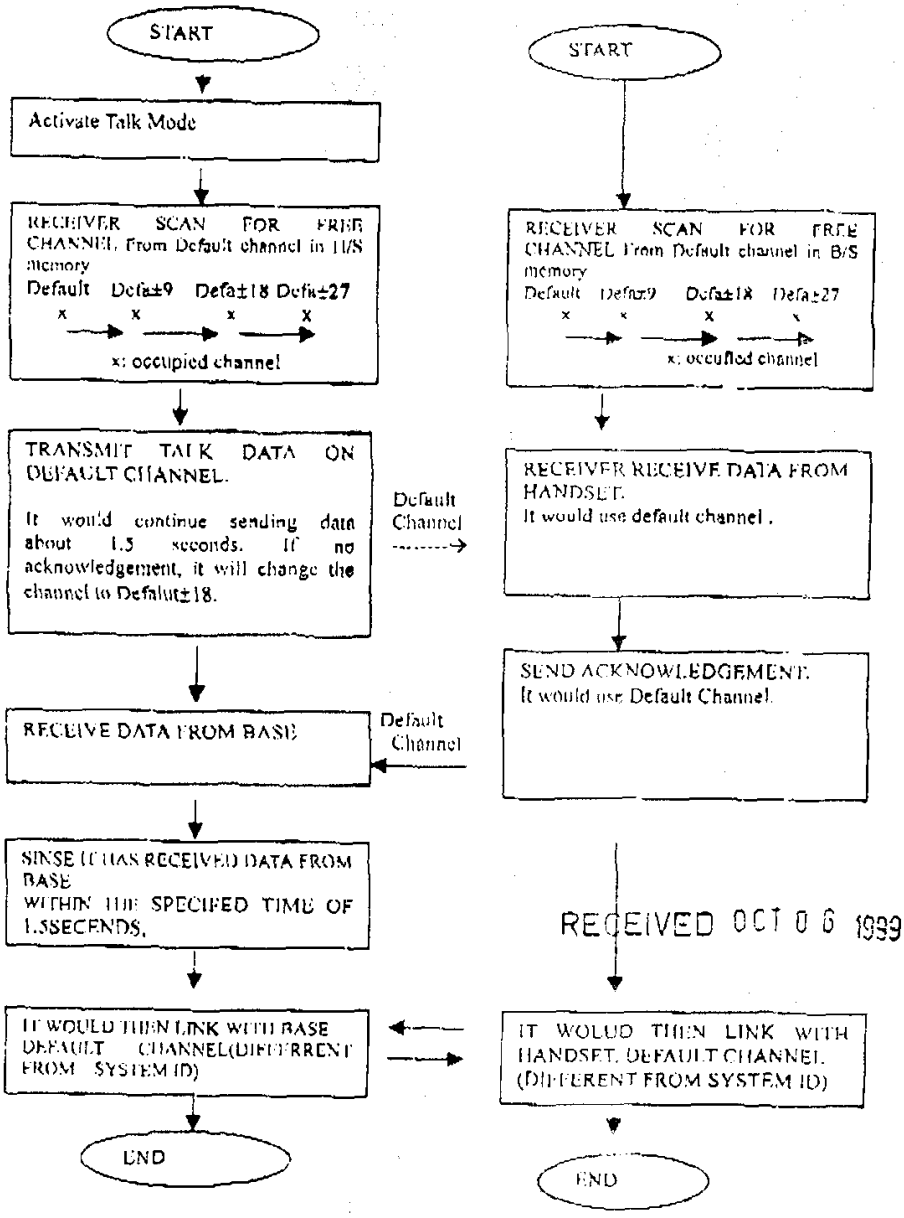
CONDITION 2: Some channels are occupied



3 of 7

TALK MODE

CONDITION 3: ALL channels are occupied



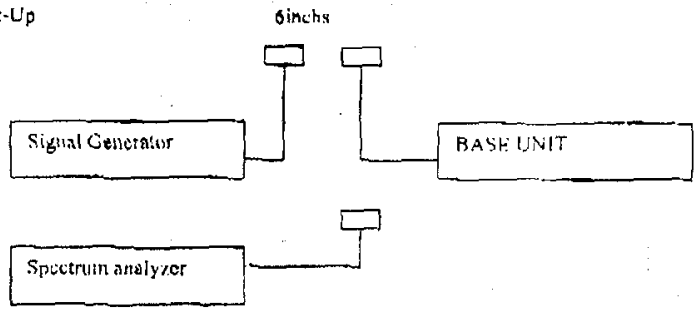
36240 AUTOMATIC CHANNEL SELECTION

The following tests were performed to show the incorporation of automatic channel selection.

Equipment used to perform Tests

- MARCONI 2051 SIGNAL GENERATOR
  Interference Signal 1KHz 5KHz Deviation
- Spectrum analyzer HP 8593E

Test Set-Up



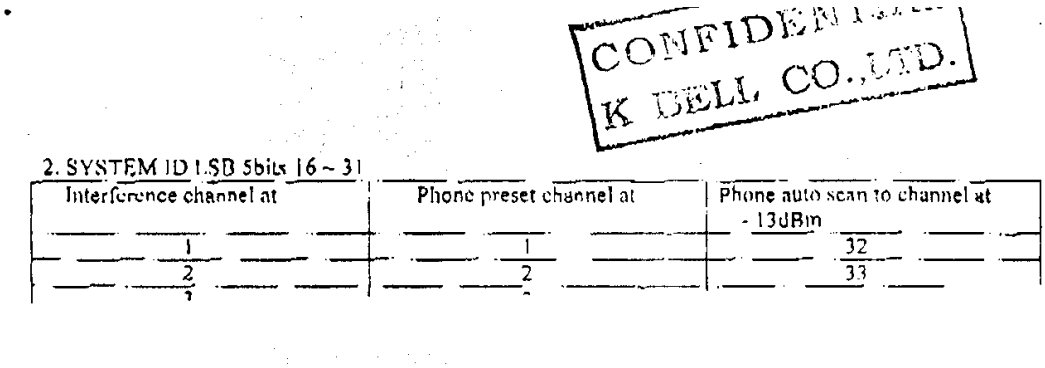
Test procedures

1. Set signal generator at a certain channel then turn the generator off.
2. Turn on the phone and charge.
3. Lift the handset and try to talk, and Read the frequency of BASE UNIT from the SPECTRUM ANALYZER. And offlink.
4. Set SIGNAL GENERATOR to reading frequency of STEP3 and turn on.
5. Try to talk, and read the frequency.
6. Press the SCAN key to change the DEFAULT CHANNEL.
7. Repeat the STEP 3 –6 for 40 CHANNELS.

Test Result

1. SYSTEM ID LSB 5bits 0 ~ 15

Interference channel at	Phone preset channel at	Phone auto scan to channel at - 13dBm
1	1	10
2	2	11
3	3	12
4	4	13
5	5	14
6	6	15
7	7	16
8	8	17
9	9	18
10	10	19
11	11	20
12	12	21
13	13	22
14	14	23
15	15	24
16	16	25
17	17	26
18	18	27
19	19	28
20	20	29
21	21	30
22	22	31
23	23	32
24	24	33
25	25	34
26	26	35
27	27	36
28	28	37
29	29	38
30	30	39
31	31	40
32	32	1
33	33	2
34	34	3
35	35	4
36	36	5
37	37	6
38	38	7
39	39	8
40	40	9



Antenna Requirement 15.203

The transmitter uses a permanently connected antenna.

Product Labeling

FCC ID: LZX36240

This device complies with Part 15 of the FCC rules. Operations is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Privacy of communications may not be insured when using this phone.

Changes or modifications not expressly approved in writing by Unical Enterprises, Inc. may void the user's authority to operate this equipment.

Some cordless phones operate at frequencies that may cause interference to nearby TVs and VCRs; to minimize or prevent such interference, the base of the cordless phone should not be placed near or on top of a TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

Location of label is placed on EUT (please refer to the photographs of EUT).

Equipment Modification

Any modifications installed previous to testing by Unical Enterprises, Inc. will be incorporated in each production model 36240 sold or leased in United States.

There were no modifications installed by EMC Compliance Management Group.

System Test Justification

Phone base is set on top of the table together with the handset. Phone line connections are then made to an active phone wall outlet and monitored for dial tone. Phone is working when dial tone is present and a trial call is made to an outside line. With the phone activated to one channel, the receiver is set for the base frequency. The base frequency is monitored for the highest peak emission by achieving worst case conditions. This is accomplished by rotating the table, moving the base antenna horizontal or vertical and also moving the handset along its three axis (x, y, and z). Similarly, the corresponding handset frequency is monitored for the highest peak emission using the procedure described above. Once all the worst case conditions are noted, final test is done on all channels of the phone according to the tests required by FCC.

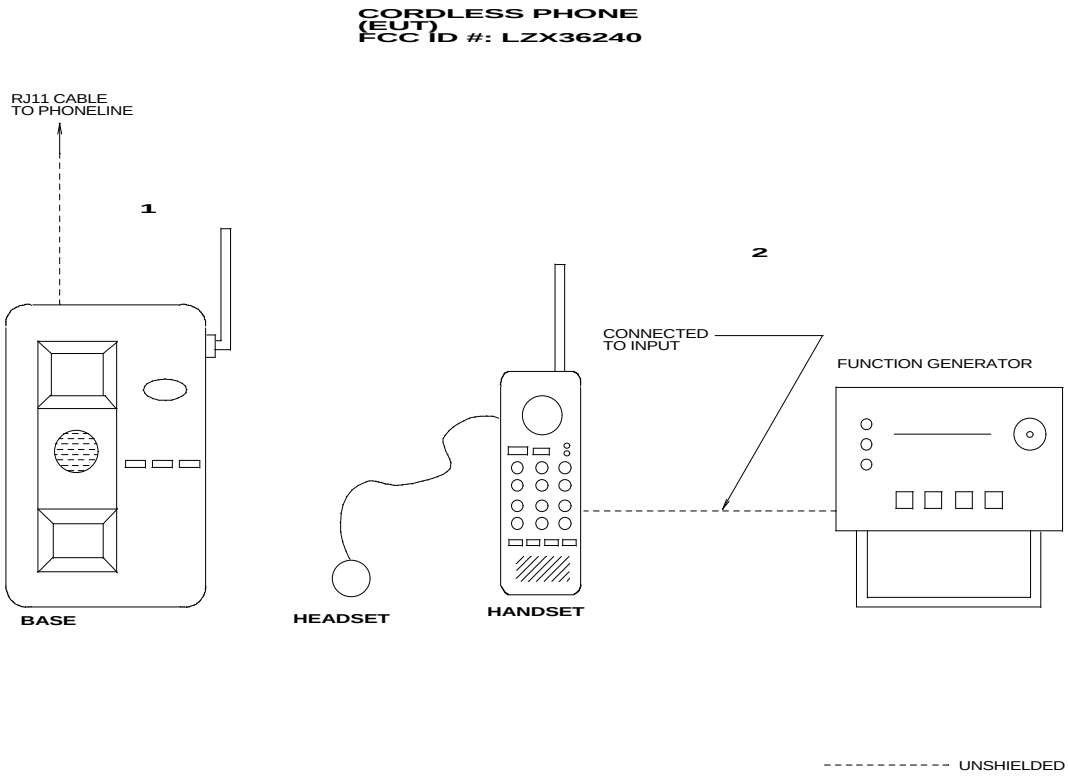
1. Frequency pairing and amplitude levels (94dBµV/m).

2. Spurious and Harmonic Amplitude levels (54 dBµV/m) and FCC Part 15 limit.

Test System Details

EUT				
Model Number:	**36240**			
120VAC / 60Hz Adapter:	**350903003CO**			
Description:	**2.4 GHz Cordless Telephone**			
Manufacturer:	**Unical Enterprises, Inc.**			
Support Equipment				
Description	**Model Number**	**FCC ID # or Serial Number**	**Manufacturer**	**Cable Description**
Headset	*N/A*	*N/A*	*HP*	*Unshielded*

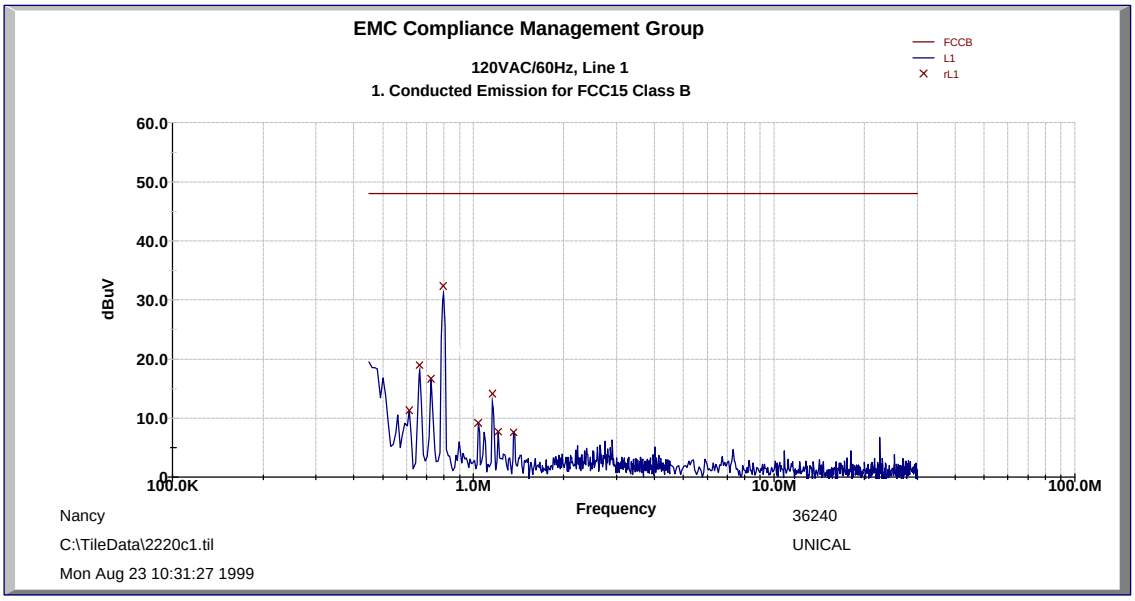
Configuration of Tested System

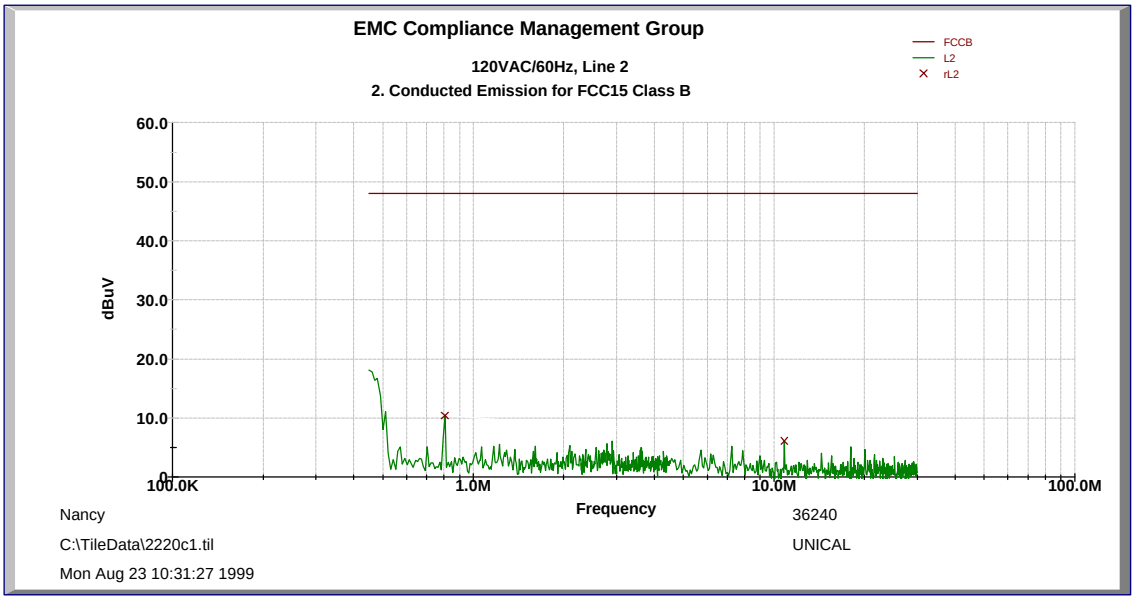


ATTACHMENT 1 - CONDUCTED EMISSION TEST RESULTS (202-C-01)

CLIENT:	Unical Enterprises, Inc.	**TEST REFERENCE:**	FCC Part 15 Class B Section 15.107 and 15.207
EUT MODEL:	36240	**PRODUCT:**	Cordless Telephone
SERIAL NO.:	Engineering	**EUT DESIGNATION:**	Home and Office
TEMPERATURE:	25° C	**HUMIDITY:**	51%
ATM PRESSURE:	1017 Mbar	**GROUNDING:**	Through Power Cord
TESTED BY:	Nancy T. Nguyen	**DATE OF TEST:**	08/23/99

SETUP METHOD:	ANSI C63.4 - 1992, CISPR 16-1:1993
TEST PROCEDURE:	The EUT is set up according to the guideline of ANSI C63.4 for conducted emissions. The measurement is using a LISN on each line and an EMI receiver peak scan is made at the frequency measurement range. The six highest significant peaks are then marked, and these signals are then quasi-peaked and averaged. The frequency range investigated is from 450KHz to 30MHz.
TESTED RANGE:	450kHz to 30MHz
TEST VOLTAGE:	120VAC / 60Hz
RESULTS:	The EUT meet the requirements of test reference for Conducted Emissions on line 1 by 32.6 dB of Quasi-Peak detector. The test results relate only to the equipment under test provided by client.
CHANGES OR MODIFICATIONS:	There were no modifications installed by EMC Compliance Management Group test personnel.
M. UNCERTAINTY:	Freq. $\pm$ 2x10^{-7} x Center Freq., Amp $\pm$ 2.6 dB

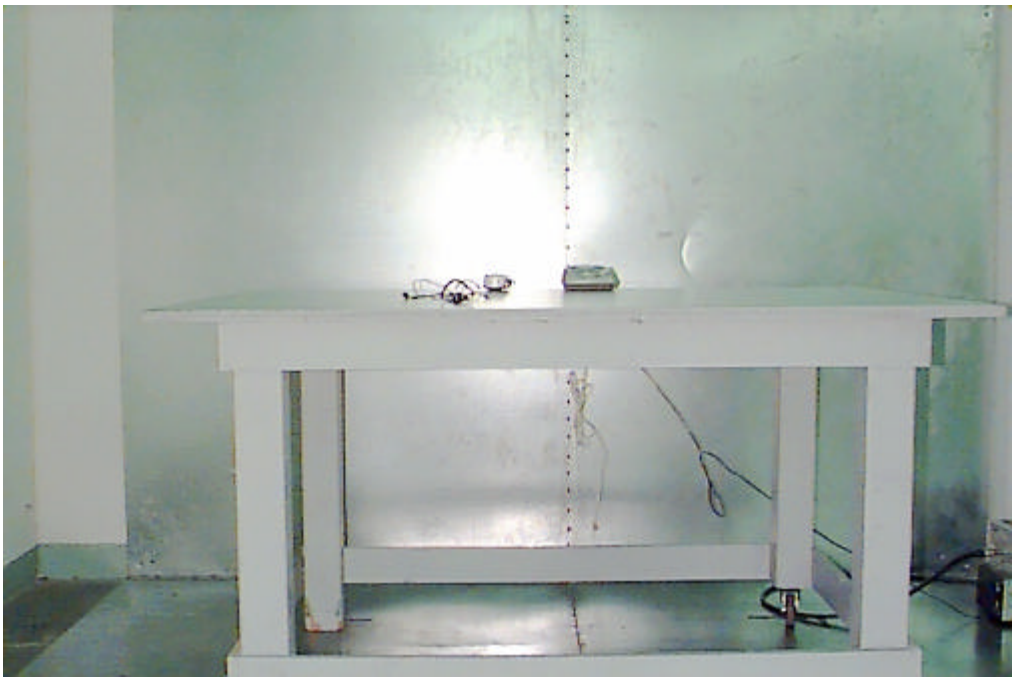

EMC Compliance Management Group
120VAC/60Hz, Line 1
1. Conducted Emission for FCC15 Class B
FCCB
L1
rL1
60.0
50.0
40.0
30.0
20.0
10.0
0
dBuV
100.0K
1.0M
10.0M
100.0M
Frequency
Nancy
C:\TileData\2220c1.til
Mon Aug 23 10:31:27 1999
36240
UNICAL


EMC Compliance Management Group
120VAC/60Hz, Line 2
2. Conducted Emission for FCC15 Class B
FCCB
L2
rL2
60.0
50.0
40.0
30.0
20.0
10.0
0
dBuV
100.0K
1.0M
10.0M
100.0M
Frequency
Nancy
C:\TileData\2220c1.til
Mon Aug 23 10:31:27 1999
36240
UNICAL

Line	Frequency [MHz]	Corrected QP Reading [dB(µV)]	Delta QP [dB]	Limit [dB(µV)/m]
L1	0.808	15.4	-32.6	48.0
L1	18.021	-1.9	-49.9	48.0
L1	28.727	-2.3	-50.3	48.0
L2	0.810	9.5	-38.5	48.0
L2	10.81	-1.9	-49.9	48.0
Note: All reading are using a bandwidth of 9 kHz, with a 30 ms sweep time. A video filter was not used.				

Test Equipment	Manufacturer/ Model	Serial No.	Last Cal.	Cal. Due Date
EMI Receiver	HP 85462A	3650A00363	05/21/99	05/21/00
RF Filter	HP 85460A	3704A00349	05/21/99	05/21/00
LISN	EMCO	109804	10/16/98	10/16/99
Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).				

SIGNED: _____ **REVIEWED:** _____



Maximized Conducted Emission Test Set-up - Front View

Maximized Conducted Emission Test Set-up - Rear View

ATTACHMENT 2 - OPERATING WITHIN THE BANDS 2400-2483.5 MHz (204-R-01)

CLIENT:	Unical Enterprises, Inc.	**TEST REFERENCE:**	FCC Part 15 Class B Section 15.249
EUT MODEL:	36240	**PRODUCT:**	Cordless Telephone
SERIAL NO.:	Engineering	**EUT DESIGNATION:**	Home and Office
TEMPERATURE:	25° C	**HUMIDITY:**	51%
ATM PRESSURE:	1017 Mbar	**GROUNDING:**	Through Power Cord
TESTED BY:	Nancy T. Nguyen	**DATE OF TEST:**	08/23/99

SETUP METHOD:	ANSI C63.4:1992, CISPR 16-1:1993
TEST PROCEDURE:	The EUT is set up according to the guidelines of ANSI C63.4:1992. An EMI receiver peak scan is made at the frequency measurement range in an Anechoic chamber. Signal discrimination is then performed and the significant peaks marked. These peaks are then quasi-peaked from 2400MHz to 2483.5MHz, and average from 2400MHz to 2483MHz at a 3 meters Anechoic chamber. The following data lists the significant emission frequencies, measured levels, correction factors (including cable and antenna correction factors), and the corrected readings against the limits. Explanation of the Correction Factor is given as follows: FS= RA + AF + CF - AG Where: FS = Field Strength RA = Receiver Amplitude AF = Antenna Factor CF = Cable Attenuation Factor AG = Amplifier Gain
TESTED RANGE:	2400 MHz to 2483.5 MHz
TEST VOLTAGE:	120VAC / 60Hz
CHANGES OR MODIFICATIONS:	There is no modification installed by EMC Compliance Management Group test personnel.
M. UNCERTAINTY:	Freq. $\pm$ 2x10^{-7} x Center Freq., Amp $\pm$ 2.6 dB

FIELD STRENGTH OF FUNDAMENTAL SECTION 15.249(a) & (b)				
BASE				
Channel	**Frequency (MHz)**	**Corrected Reading [dBµV/m]**	**3 Meters Limits [dBµV/m]**	**Margin [dBµV/m]**
Set-up/Configuration: ANSI C63.4:1992				
LOW	2472.448	46.4	94.0	-47.6
MEDIUM	2475.445	46.4	94.0	-47.6
HIGH	2478.445	45.7	94.0	-48.3
HANDSET				
Channel	**Frequency (MHz)**	**Corrected Reading [dBµV/m]**	**3 Meters Limits [dBµV/m]**	**Margin [dBµV/m]**
Set-up/Configuration: ANSI C63.4:1992				
LOW	2400.453	43.0	94.0	-51.0
MEDIUM	2403.453	42.8	94.0	-51.2
HIGH	2406.448	42.8	94.0	-51.2
Comments: None				
Note: All readings are quasi-peak unless stated otherwise, using a QPA bandwidth of 120kHz, with a 30 ms sweep time. A video filter was not used.				

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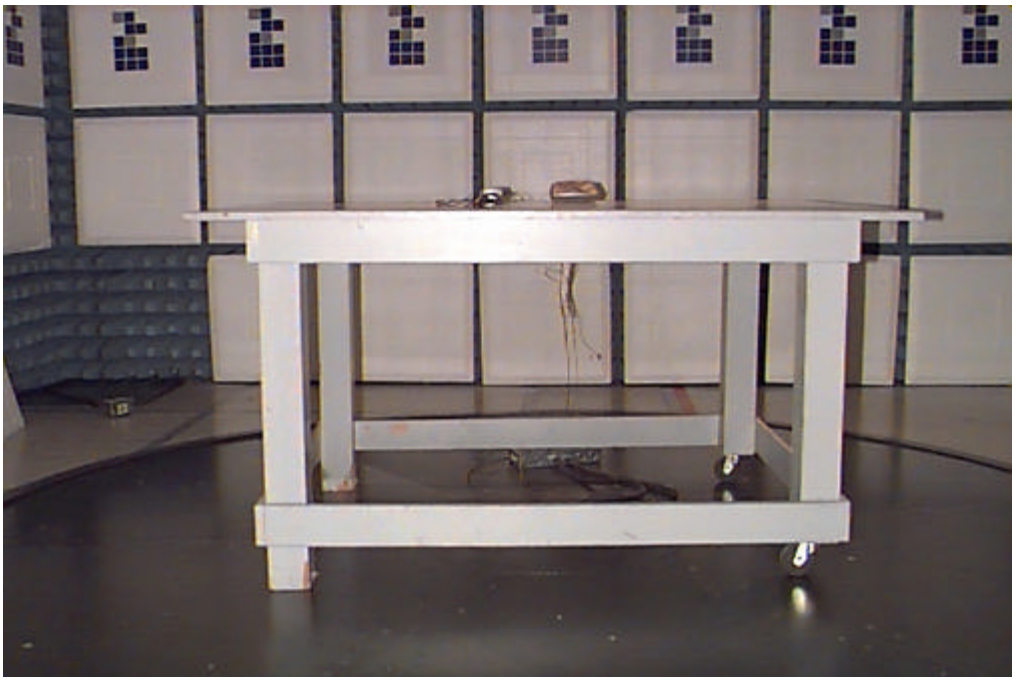
FIELD STRENGTH OF HARMONICS SECTION 15.249(a) & (b)					
LOW CHANNEL	**BASE**				
		Frequency (MHz)	**Amplitude [dBµV/m]**	**3 Meter Limit [dBµV/m]**	**Delta [dBµV/m]**
	Fundamental	2472.448	46.5	54.0	-7.5
	2nd	4944.896	33.9	54.0	-20.1
	3rd	7417.200	33.6	54.0	-20.4
	Note: No significant emissions found beyond 3rd harmonic				
LOW CHANNEL	**HANDSET**				
		Frequency (MHz)	**Amplitude [dBµV/m]**	**3 Meter Limit [dBµV/m]**	**Delta [dBµV/m]**
	Fundamental	2400.443	43.1	54.0	-10.9
	2nd	4800.900	32.8	54.0	-21.2
	3rd	7202.000	34.1	54.0	-19.9
	Note: No significant emissions found beyond 3rd harmonic				

FIELD STRENGTH OF HARMONICS SECTION 15.249(a) & (b)					
MEDIUM CHANNEL	**BASE**				
		Frequency (MHz)	**Amplitude [dBµV/m]**	**3 Meter Limit [dBµV/m]**	**Delta [dBµV/m]**
	Fundamental	2475.445	46.3	54.0	-7.7
	2nd	4950.900	33.9	54.0	-20.1
	3rd	7426.337	33.4	54.0	-20.6
	Note: No significant emissions found beyond 3rd harmonic				
MEDIUM CHANNEL	**HANDSET**				
		Frequency (MHz)	**Amplitude [dBµV/m]**	**3 Meter Limit [dBµV/m]**	**Delta [dBµV/m]**
	Fundamental	2403.453	42.8	54.0	-11.2
	2nd	4806.911	33.5	54.0	-20.5
	3rd	7210.458	33.7	54.0	-20.3
	Note: No significant emissions found beyond 3rd harmonic				

FIELD STRENGTH OF HARMONICS SECTION 15.249(a) & (b)					
HIGH CHANNEL	**BASE**				
		Frequency (MHz)	**Amplitude [dBµV/m]**	**3 Meter Limit [dBµV/m]**	**Delta [dBµV/m]**
	Fundamental	2478.445	45.5	54.0	-8.5
	2nd	4956.891	32.8	54.0	-21.2
	3rd	7435.336	33.2	54.0	-20.8
	Note: No significant emissions found beyond 3rd harmonic				
HIGH CHANNEL	**HANDSET**				
		Frequency (MHz)	**Amplitude [dBµV/m]**	**3 Meter Limit [dBµV/m]**	**Delta [dBµV/m]**
	Fundamental	2406.448	42.8	54.0	-11.2
	2nd	4812.896	33.9	54.0	-20.1
	3rd	7218.347	33.2	54.0	-20.8
	Note: No significant emissions found beyond 3rd harmonic				

Test Equipment	Manufacturer/ Model	Serial No.	Last Cal.	Cal. Due Date
EMI Receiver	HP 85462A	3650A00363	05/21/99	05/21/00
RF Filter 30MHz-2GHz	HP 85460A	3704A00349	05/21/99	05/21/00
Amplifier 2GHz-22GHz	HP 8549A	N/A	03/19/99	03/19/00
Horn Antenna 1GHz -18GHz	EMCO 3115	N/A	02/29/99	02/29/00
Antenna 30MHz-2GHz	CHASE CBL6112A	2274	11/15/98	11/15/99
Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).				

SIGNED: _____ **REVIEWED:** _____



Photos of Test Set-up Front View

Photos of Test Set-up Rear View

ATTACHMENT 3 - RADIATED EMISSION TEST RESULTS (204-R-01)

CLIENT:	Unical Enterprises, Inc.	**TEST REFERENCE:**	FCC Part 15 Class B Section 15.249© & (d), Section 15.209
EUT MODEL:	36240	**PRODUCT:**	Cordless Telephone
SERIAL NO.:	Engineering	**EUT DESIGNATION:**	Home and Office
TEMPERATURE:	25° C	**HUMIDITY:**	51%
ATM PRESSURE:	1017 Mbar	**GROUNDING:**	Through Power Cord
TESTED BY:	Nancy T. Nguyen	**DATE OF TEST:**	08/23/99

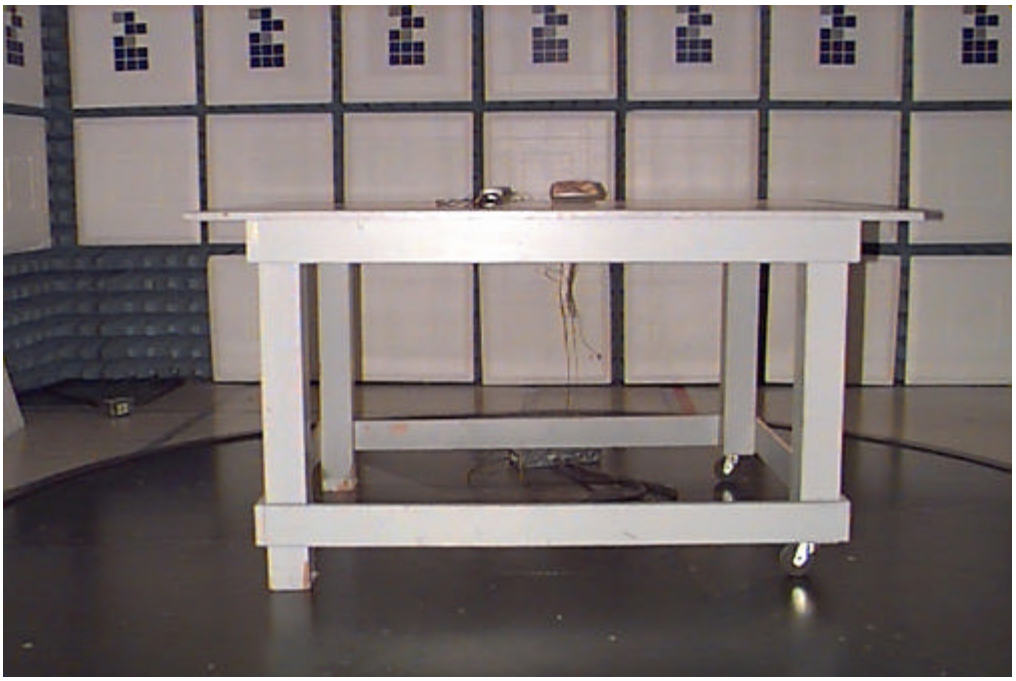
SETUP METHOD:	ANSI C63.4:1992, CISPR 16-1:1993
TEST PROCEDURE:	The EUT is set up according to the guidelines of ANSI C63.4:1992 for radiated emissions. An EMI receiver peak scan is made at the frequency measurement range (pre-scan) in an Anechoic chamber. Signal discrimination is then performed and the significant peaks marked. These peaks are then quasi-peaked from 30 MHz to 2GHz, and average from 1GHz to 2GHz at an Anechoic chamber. The following data lists the significant emission frequencies, measured levels, correction factors (including cable and antenna correction factors), and the corrected readings against the limits. Explanation of the Correction Factor is given as follows: FS= RA + AF + CF - AG Where: FS = Field Strength RA = Receiver Amplitude AF = Antenna Factor CF = Cable Attenuation Factor AG = Amplifier Gain
TESTED RANGE:	30MHz to 1,000MHz on Quasi-peak and 1,000MHz to 2,000MHz on Average
TEST VOLTAGE:	120VAC / 60Hz
RESULTS:	The EUT meet the requirements of test reference for Radiated Emissions on vertical polarity by 9.2 dB at 52.807 MHz. The test results relate only to the equipment under test provided by client.
CHANGES OR MODIFICATIONS:	There is no modification installed by EMC Compliance Management Group test personnel.
M. UNCERTAINTY:	Freq. $\pm$ 2x10^{-7} x Center Freq., Amp $\pm$ 2.6 dB

30 MHz – 1GHz					
Frequency [MHz]	**Antenna Polarization [V/H]**	**Corrected Reading [dBµV/m]**	**Delta, QP [dB]**	**3 Meters Limits [dBµV/m]**	**Correction Factors [dB/m]**
Set-up/Configuration: ANSI C63.4:1992					
42.955	V	28.1	-11.9	40.0	13.2
575.981	V	35.0	-11.0	46.0	20.7
603.263	V	33.7	-12.3	46.0	21.1
52.807	V	24.4	-15.6	40.0	9.2
797.050	H	28.5	-17.5	46.0	23.1
257.310	H	16.2	-29.8	46.0	14.5
Comments: None					
Note: All readings are quasi-peak unless stated otherwise, using a QPA bandwidth of 120kHz, with a 30 ms sweep time. A video filter was not used.					

1 GHz – 2 GHz					
Frequency [MHz]	**Antenna Polarization [V/H]**	**Corrected Reading [dBµV/m]**	**Delta, AVG [dB]**	**3 Meters Limits [dBµV/m]**	**Correction Factors [dB/m]**
Set-up/Configuration: ANSI C63.4:1992					
1649.312	H	42.8	-11.2	54.0	30.1
1649.312	V	40.6	-13.4	54.0	30.1
1601.300	V	39.6	-14.4	54.0	29.4
1656.507	V	38.5	-15.5	54.0	30.2
1656.500	H	38.1	-15.9	54.0	30.2
1594.102	V	37.8	-16.2	54.0	29.4
Comments:					
Note: All readings are average unless stated otherwise, using a bandwidth of 1 MHz, with a 30 ms sweep time. A video filter was not used.					

Test Equipment	Manufacturer/ Model	Serial No.	Last Cal.	Cal. Due Date
EMI Receiver	HP 85462A	3650A00363	05/21/99	05/21/00
RF Filter 30MHz-2GHz	HP 85460A	3704A00349	05/21/99	05/21/00
Amplifier 2GHz-22GHz	HP 8549A	N/A	03/19/99	03/19/00
Horn Antenna 1GHz -18GHz	EMCO 3115	N/A	02/29/99	02/29/00
Antenna 30MHz-2GHz	CHASE CBL6112A	2274	11/15/98	11/15/99
Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).				

SIGNED: _____ **REVIEWED:** _____



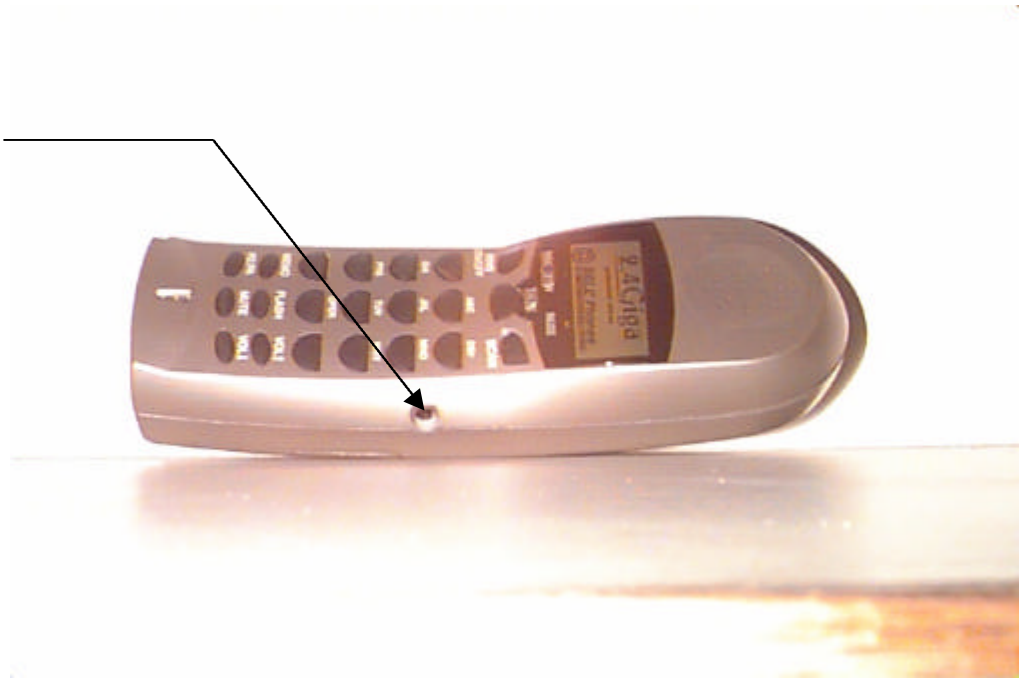
Maximized Radiated Emission Test Set-up Front View

Maximized Radiated Emission Test Set-up Rear View

ATTACHMENT 4 - PHOTOGRAPHS OF EUT

EUT with 120VAC/60Hz Adapter

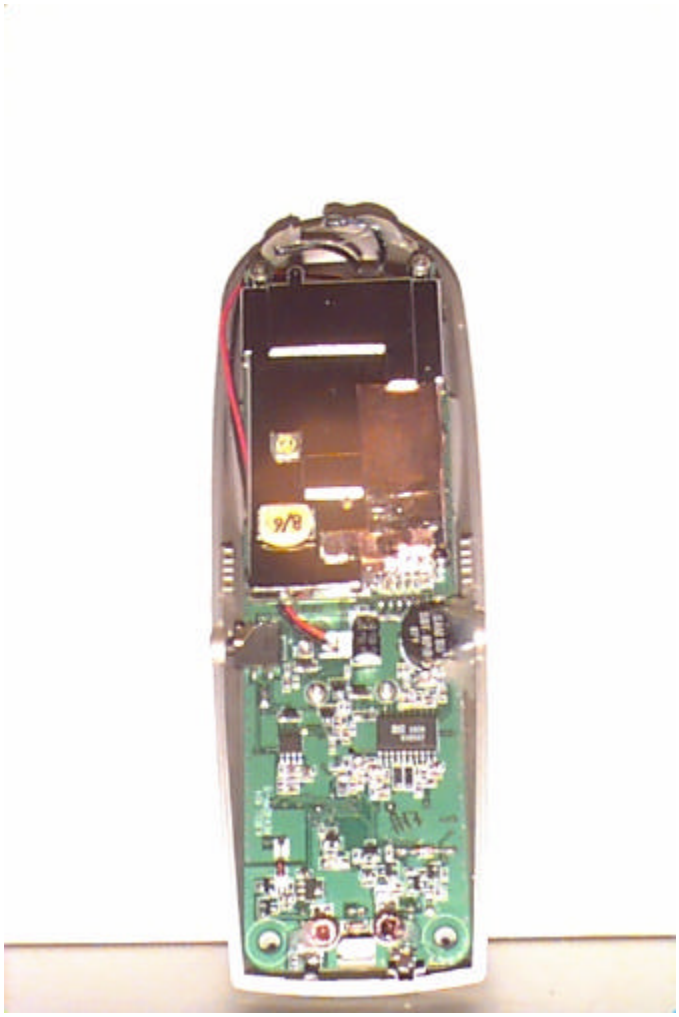
Handset



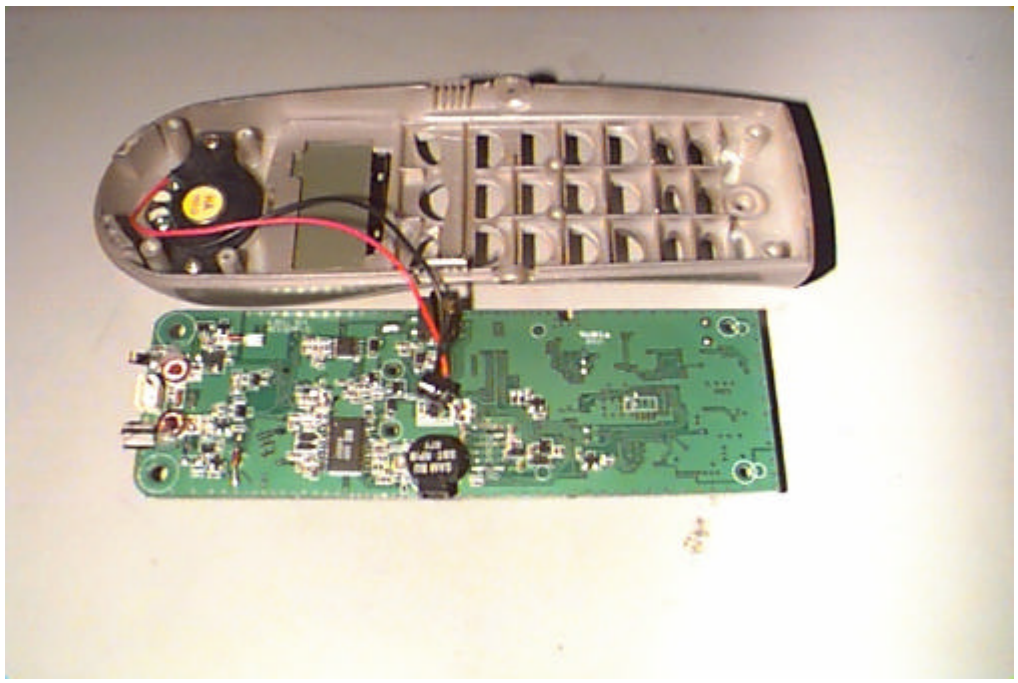
Handset - Front View

Proposed FCC Label

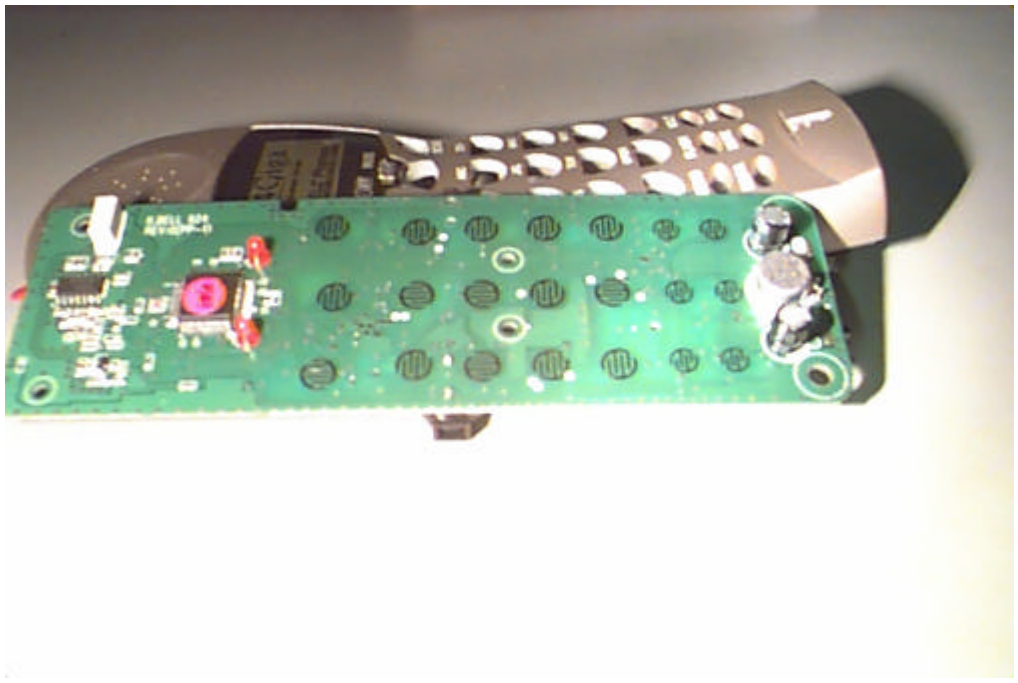
Handset - Rear View



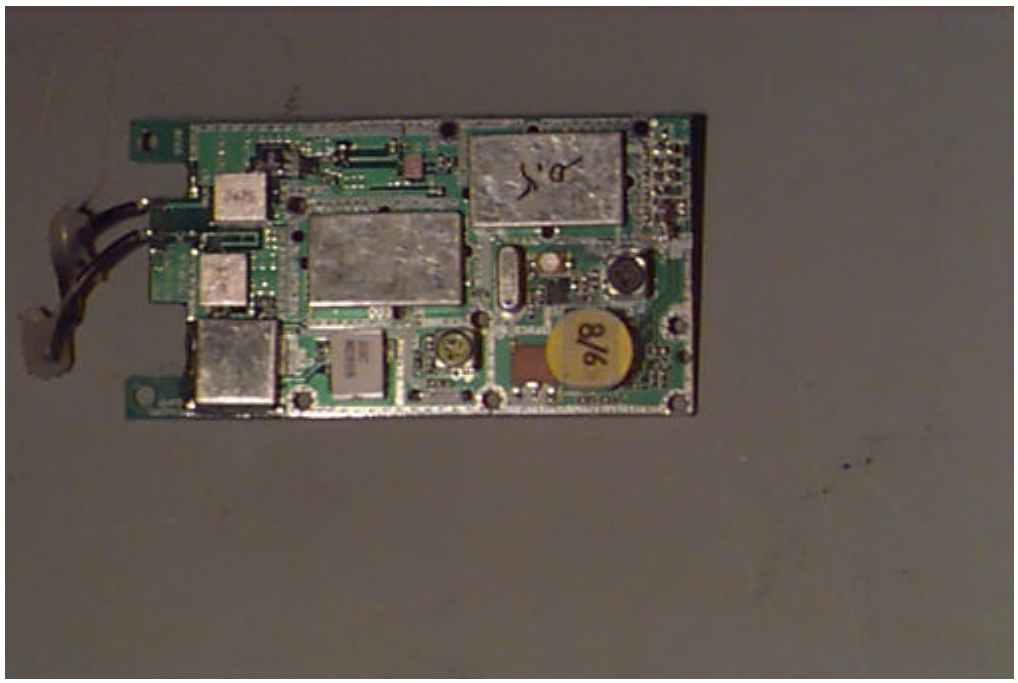
Handset - Component Side



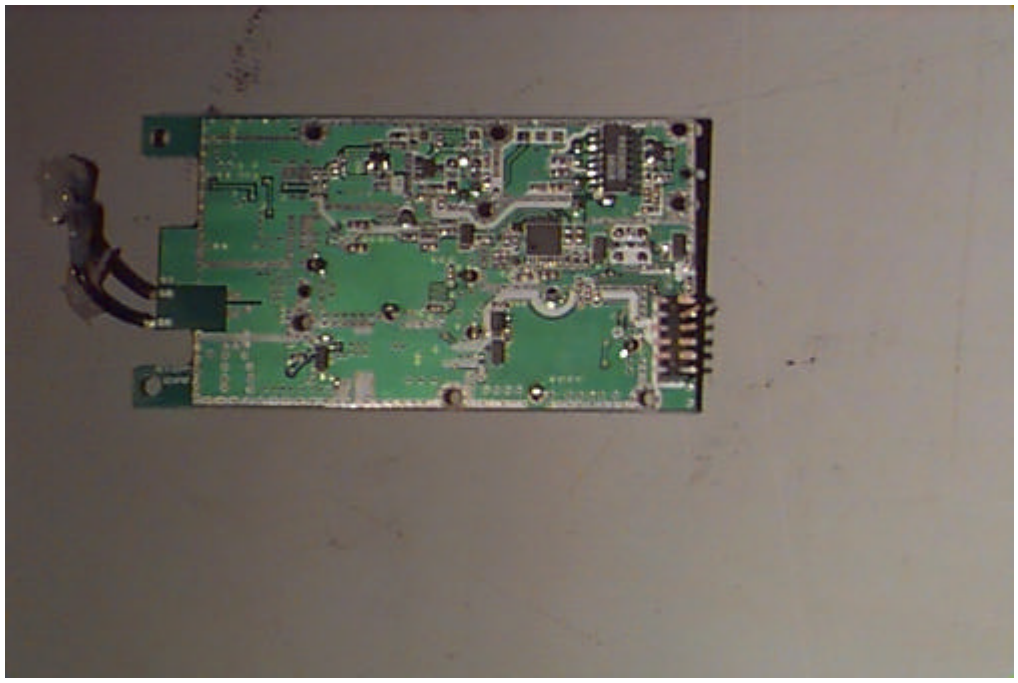
Handset - Component Side



Handset - Solder Side



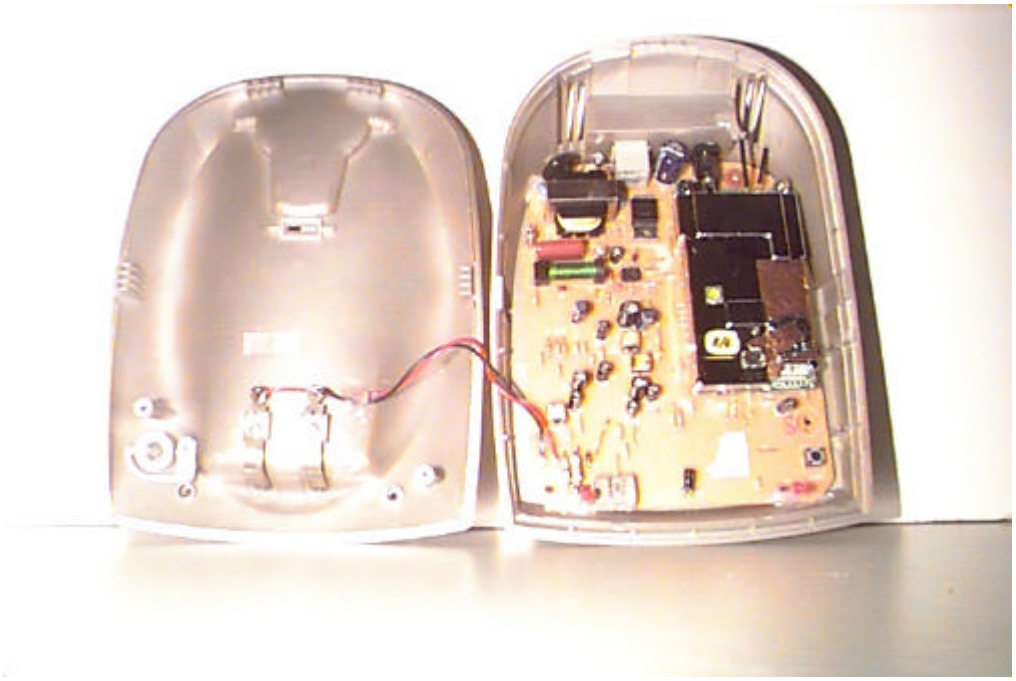
Handset TX Board - Component Side



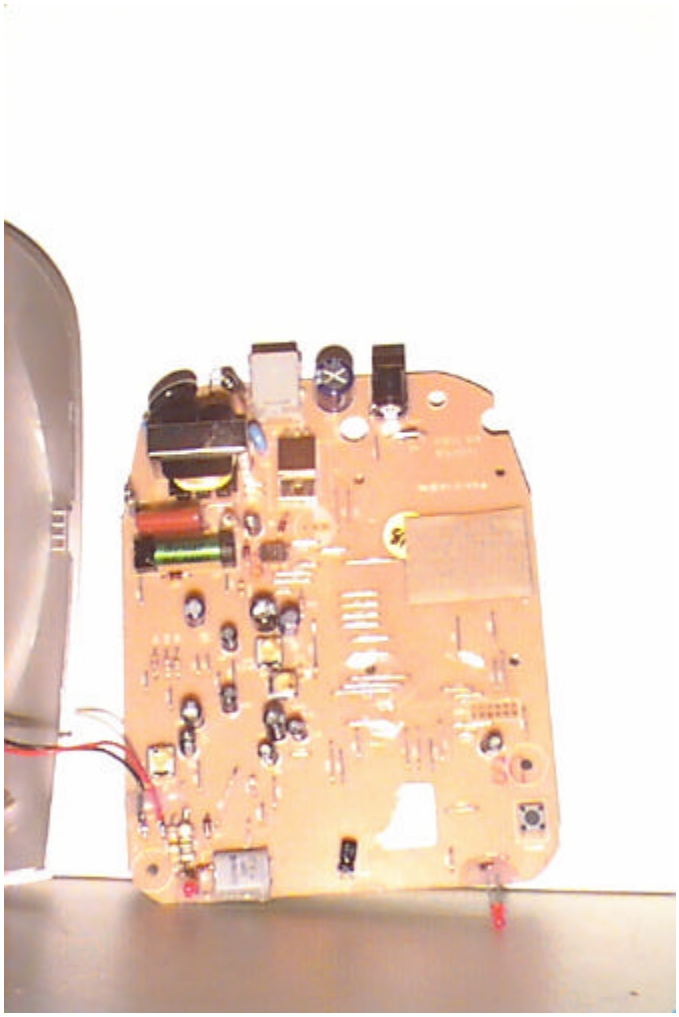
Handset TX Board - Solder Side

Base - Front View

Base - Rear View Showing proposed label

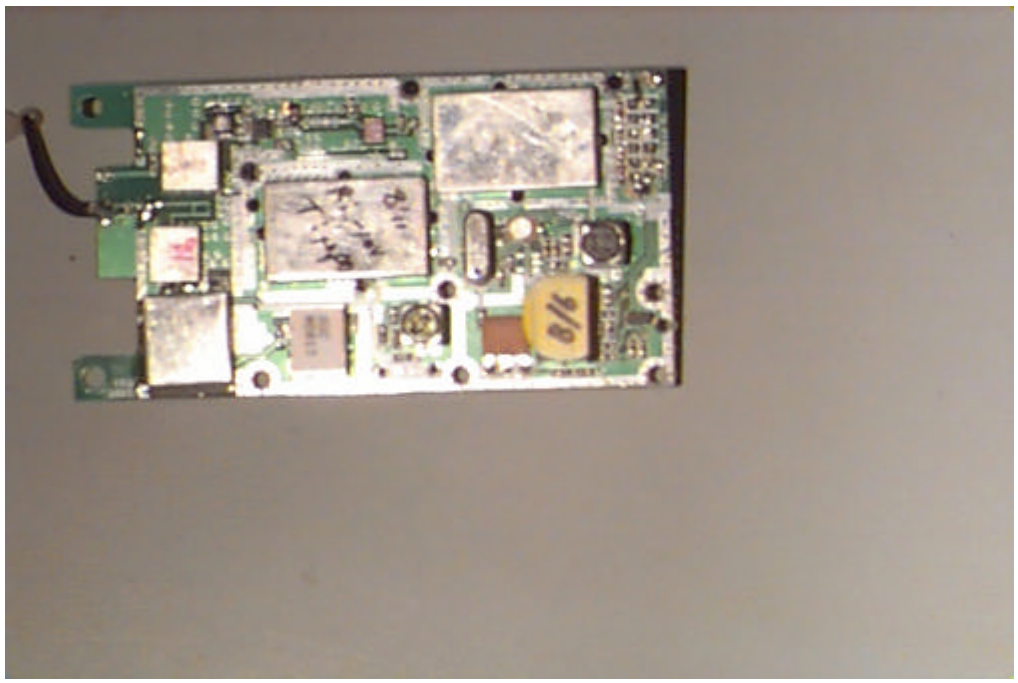


Base - Component Side

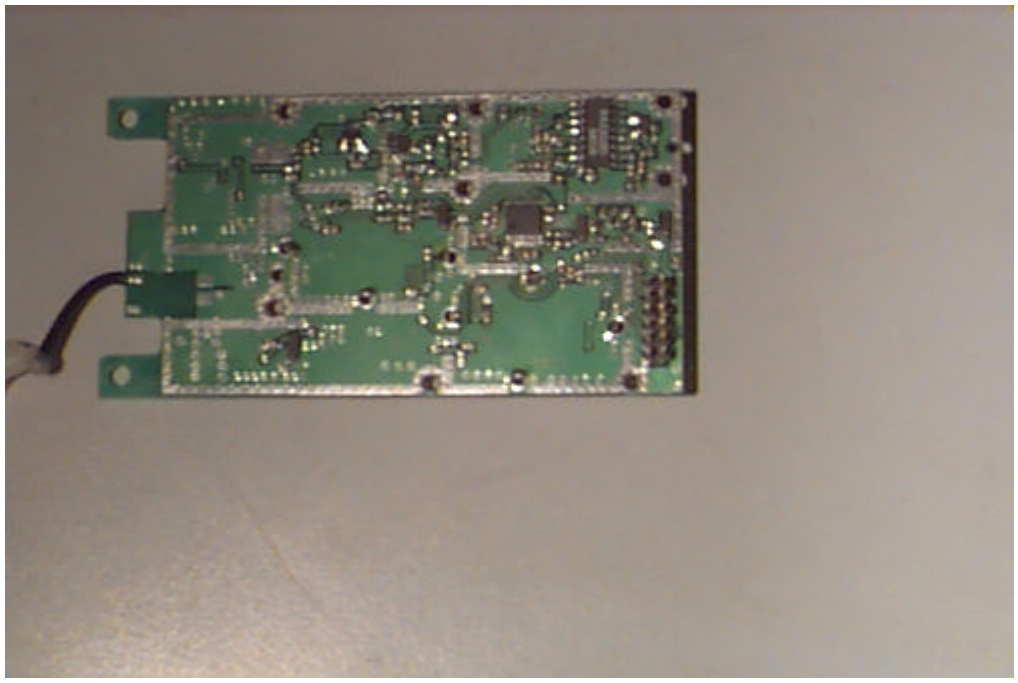


Base - Component Side

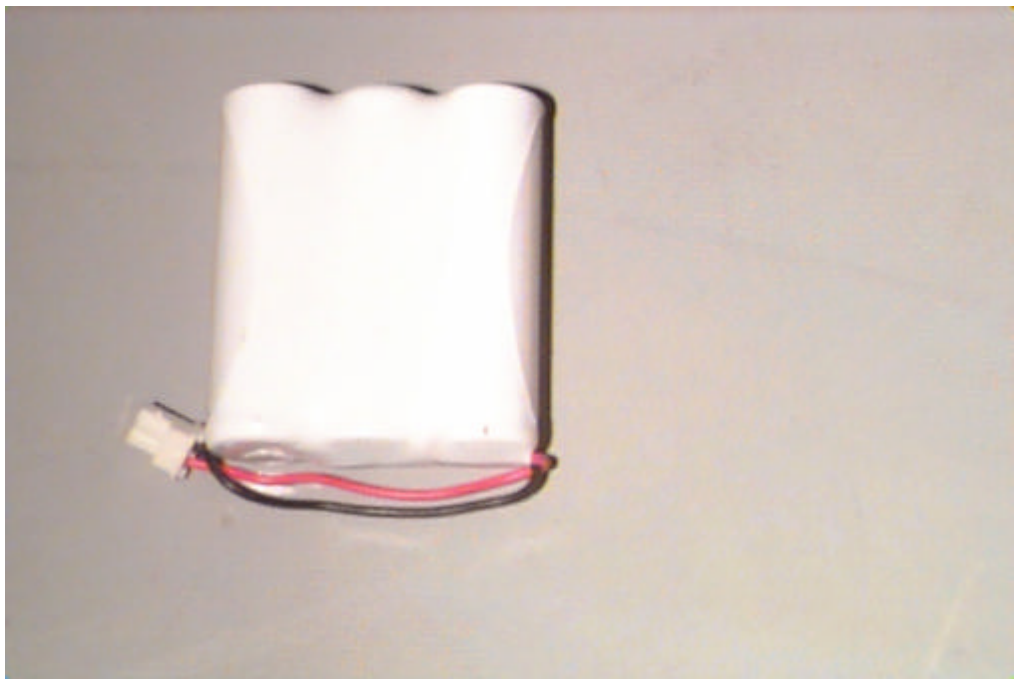
Base - Solder Side



Base RX Board - Component Side



Base RX Board - Solder Side



Batter Charger