

Shake Box Project
Connecting Shake Box to a Linux Computer
Presentation
ShakeBox in Action

Presented from:

Rashid Siddiqui

Glen Hockett

Bin Tang

Dated: 7-2-2014

Project Description:

**Currently Shake Box is working with Windows XP and
Windows 7 professional**

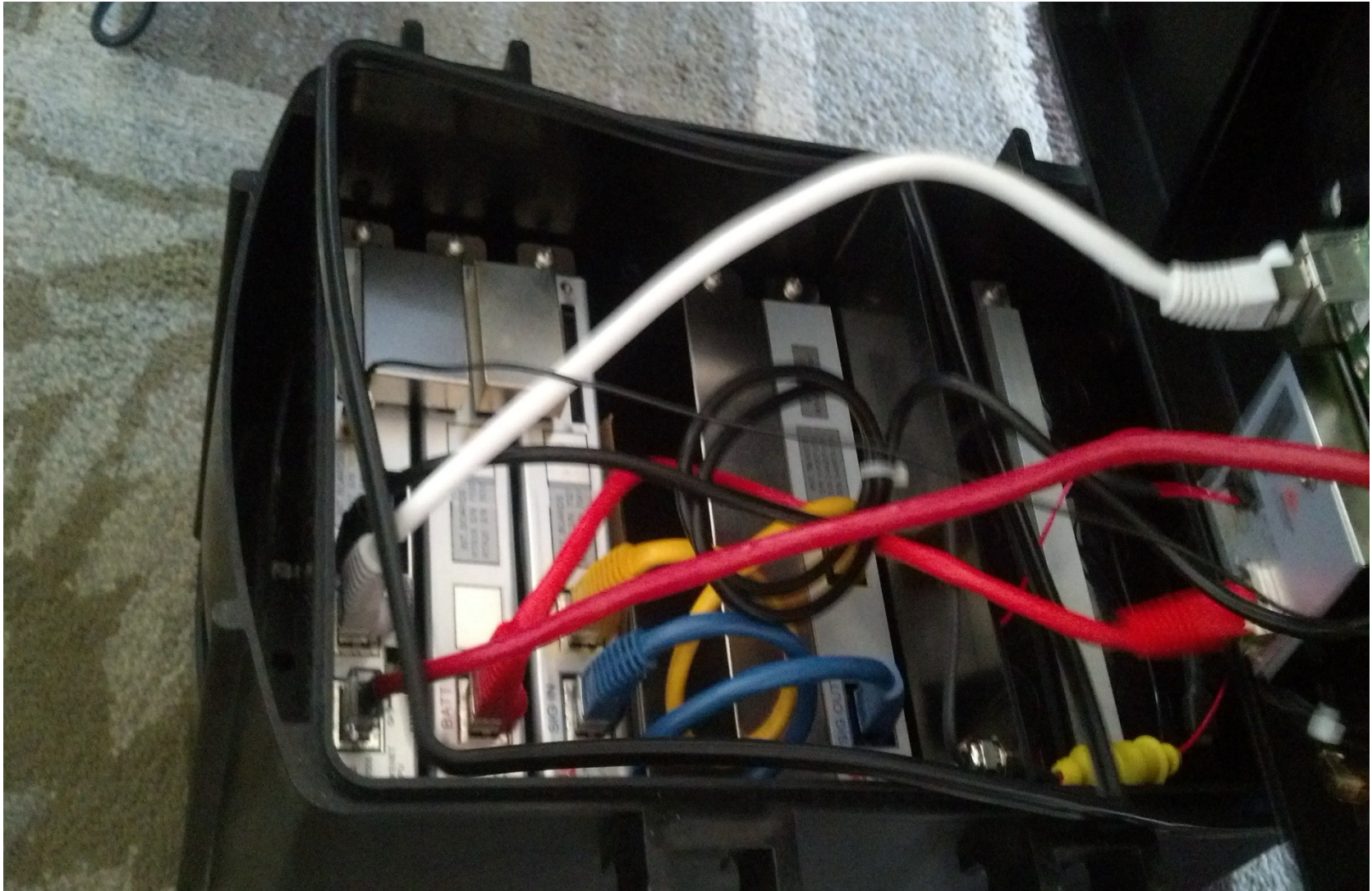
**Project: Writing Device Drivers for shake Box to Work with
Linux**

Collecting Sample data with a Shake Box

REF-TEK 155-01



An external view of Shake Box, showing GPS, POWER, Radio Com Port etc.



An Interior View of Shake Box showing the wires and the internals like Interconnect Board, ADC Boards, and Sensor Control boards

Sample data to compare data with and without an earthquake

Creating An Artificial Earthquake

1. Sample data without an earthquake!

This data has been converted from hexadecimal to decimal with a java application called Data Processing

1284.3515908203126 3.6710010326830003 0.637544760717
0.55223784912

1284.3565908203125 3.6708449555120004 0.6375045316919999
0.5522298043999999

1284.3615908203126 3.6707580671900004 0.637416027837
0.552199234464

1284.3665908203125 3.670828865082 0.637370971329
0.552175100304

1284.3715908203126 3.670867482114 0.637375798812
0.552171882416

1284.3765908203125 3.670614862363 0.637435337769
0.552200843408

1284.3815908203126 3.6705424554280004 0.6375495882
0.5522475027839999

1284.3865908203125 3.6708304741125 0.637544760717

2. Sample data collected during an artificial earthquake!

This data has been converted from hexadecimal to decimal with a java application called Data Processing

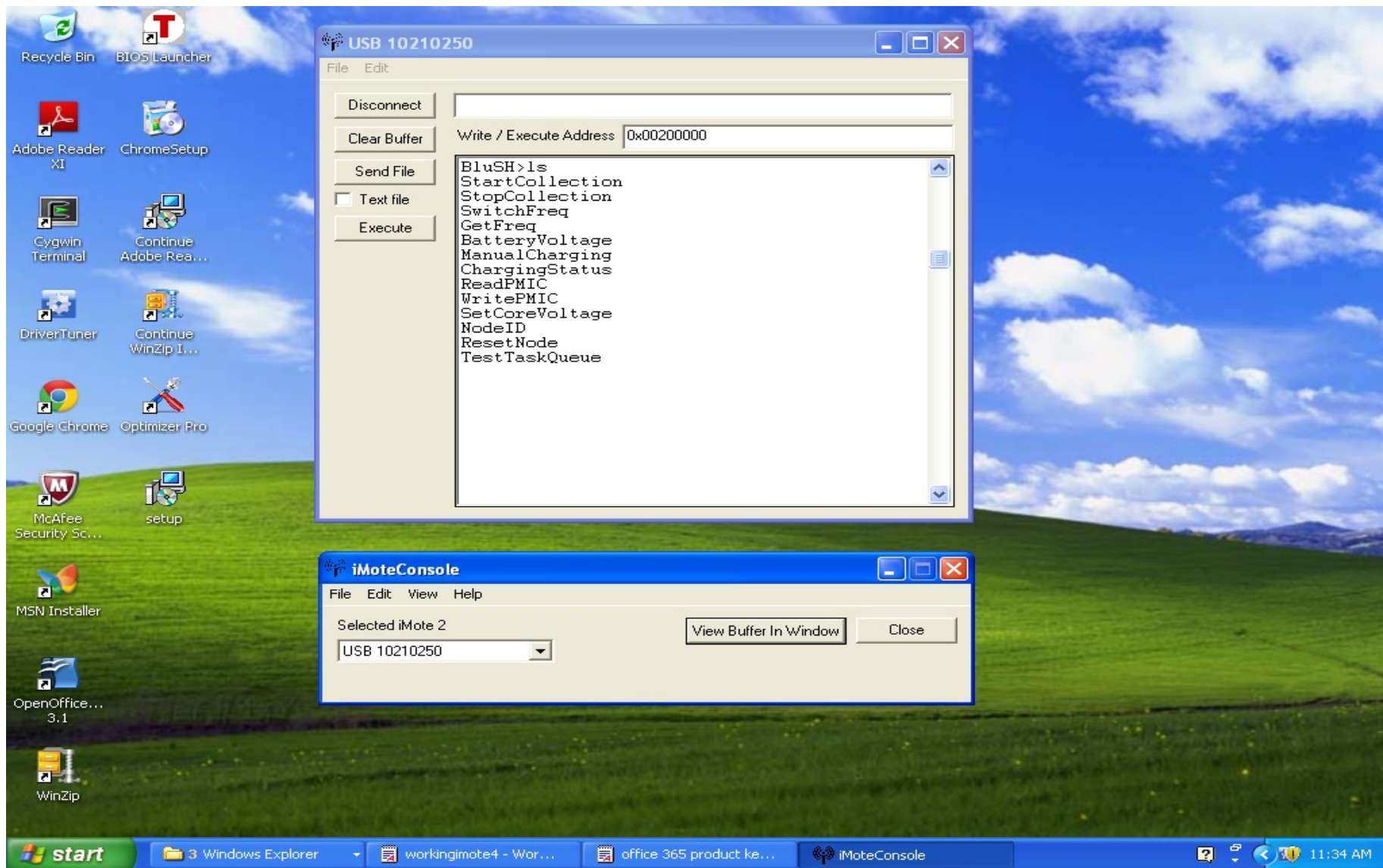
1742.2965908203125 3.675406592417 0.638415316818 0.5464102539519999
1742.3015908203124 3.6681610717880004 0.637837628019 0.551825959456
1742.3065908203125 3.676545794861 0.645889869663 0.5531098967679999
1742.3115908203124 3.690480107241 0.632397054678 0.5484503949439999
1742.3165908203125 3.6509250031720004 0.634286209692 0.551557265808
1742.3215908203124 3.6661722946400004 0.646620428757 0.552992443856
1742.3265908203125 3.6964223030400003 0.63355886892 0.54904409528
1742.3315908203126 3.6583201648 0.643408543401 0.5488236699519999
1742.3365908203125 3.662569647363 0.645925271205 0.555872453616
1742.3415908203126 3.690100373093 0.632562798261 0.547037742112

Earthquake Statistics

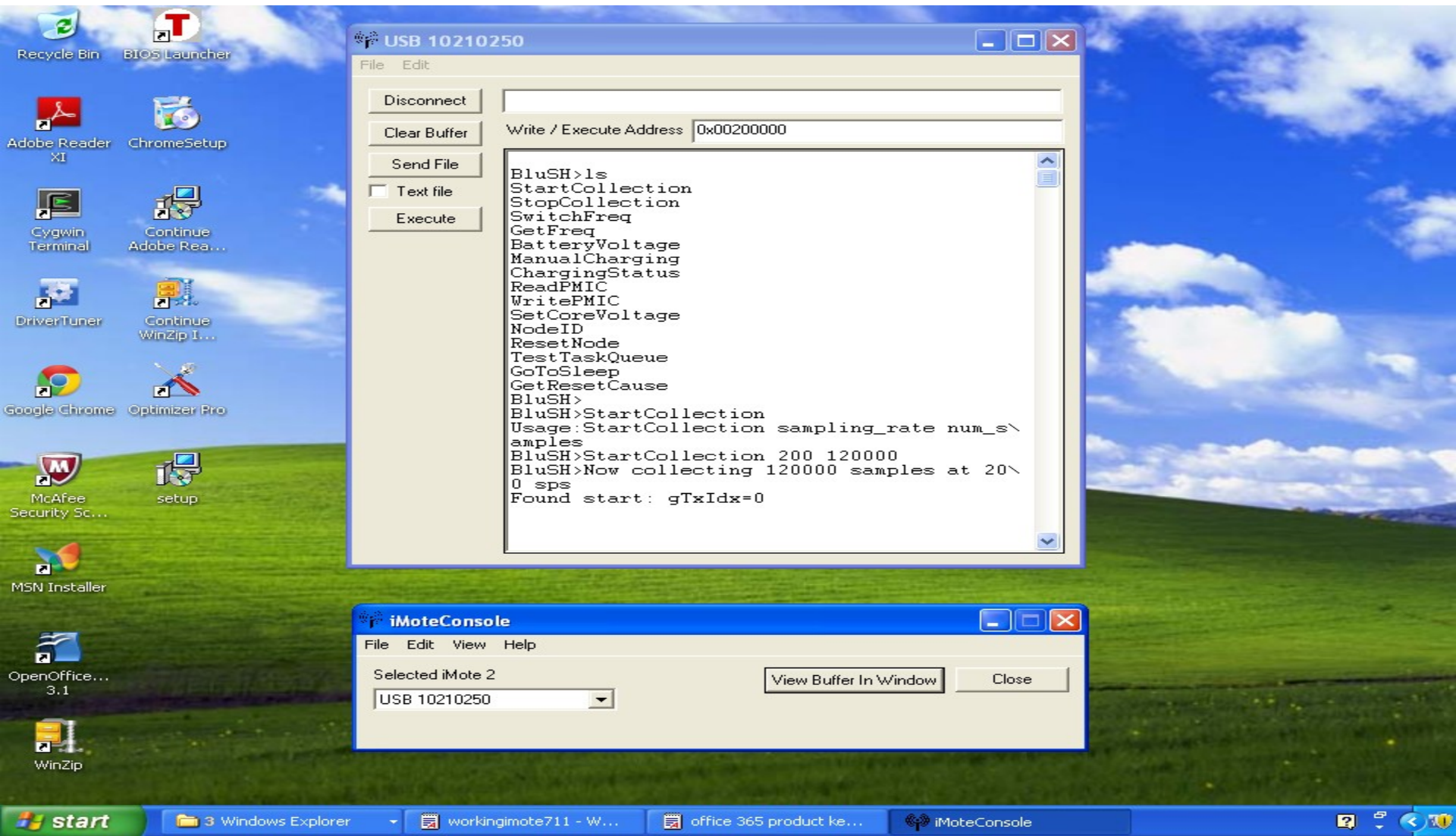
DBG: statistics: totCnt = 213960, discardCnt = 835, blockCnt = 42625

The Slides in the forthcoming pages:
Show the Steps Taken
to Connect a Shake Box to
Windows XP and Windows 7 Professional

Collecting data using Windows XP professional Is shows the list of Commands available



The USB device number is not encrypted in windows XP: USB 10210250



Shake box is collecting data

The screenshot displays a Windows XP desktop environment. A file explorer window titled "shakebox-files" is open, showing a directory structure with folders like "intel", "PHP", "Progr", "sa100", "suai-", "S", "Suwa", "temp.", "WIND", "XP SE", "DVD-RAM", and "Control Panel".

In the foreground, a window titled "USB 10210250" is open, showing a command-line interface for a device named "BluSH". The interface includes buttons for "Disconnect", "Clear Buffer", "Send File", and "Execute". The "Write / Execute Address" field is set to "0x00200000". The terminal output shows the following commands and responses:

```
BluSH>ls
StartCollection
StopCollection
SwitchFreq
GetFreq
BatteryVoltage
ManualCharging
ChargingStatus
ReadPMIC
WritePMIC
SetCoreVoltage
NodeID
ResetNode
TestTaskQueue
GoToSleep
GetResetCause
BluSH>
BluSH>StartCollection
Usage:StartCollection sampling_rate num_samples
BluSH>StartC\
collection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxIdx=0
StopCollection
BluSH>Sampling done...

BluSH>StartCollection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxIdx=0
```

Below the USB window, an "iMoteConsole" window is open, showing "Selected iMote 2" and a dropdown menu with "USB 10210250" selected. Buttons for "View Buffer In Window" and "Close" are visible.

The taskbar at the bottom shows the Start button, taskbar buttons for "4 Windows Explorer", "workingimote713 - W...", "office 365 product ke...", and "iMoteConsole". The system tray on the right shows the help icon, volume icon, network icon, and the time "11:52 AM".

Recycle Bin BIOS Launcher

Adobe Reader XI ChromeSetup

Cygwin Terminal Continue Adobe Rea...

DriverTuner Continue WinZip I...

Google Chrome Optimizer Pro

McAfee Security Sc... setup

MSN Installer

OpenOffice... 3.1

WinZip

USB 10210250

File Edit

Disconnect

Clear Buffer Write / Execute Address 0x00200000

Send File

Text file

Execute

```
StartCollection
StopCollection
SwitchFreq
GetFreq
BatteryVoltage
ManualCharging
ChargingStatus
ReadPMIC
WritePMIC
SetCoreVoltage
NodeID
ResetNode
TestTaskQueue
GoToSleep
GetResetCause
BluSH>
BluSH>StartCollection
Usage StartCollection sampling_rate num_samples
BluSH>StartC\
collection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxIdx=0
StopCollection
BluSH>Sampling done...

BluSH>StartCollection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxIdx=0
StopCollection
BluSH>Sampling done...
```

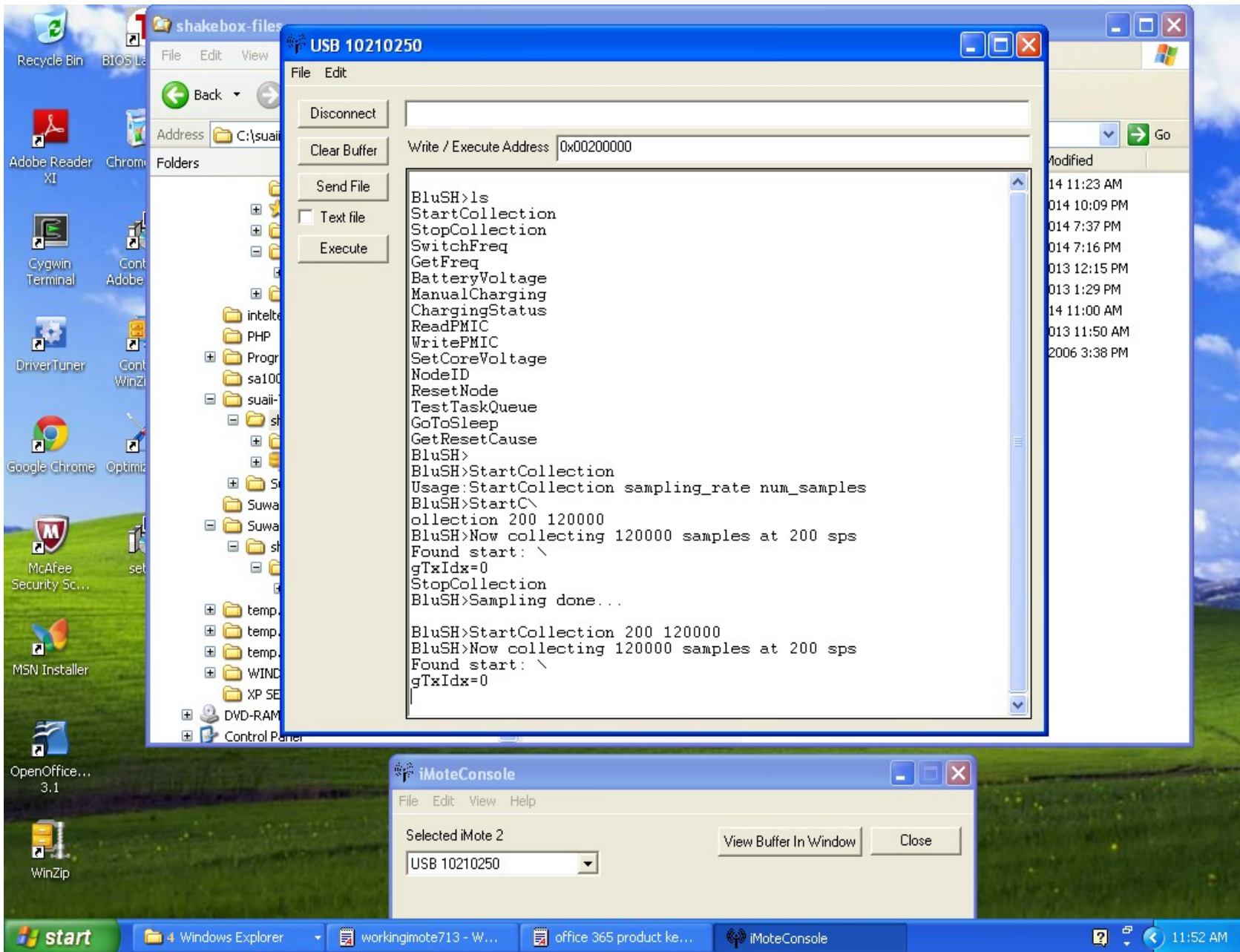
iMoteConsole

File Edit View Help

Selected iMote 2

USB 10210250

View Buffer In Window Close

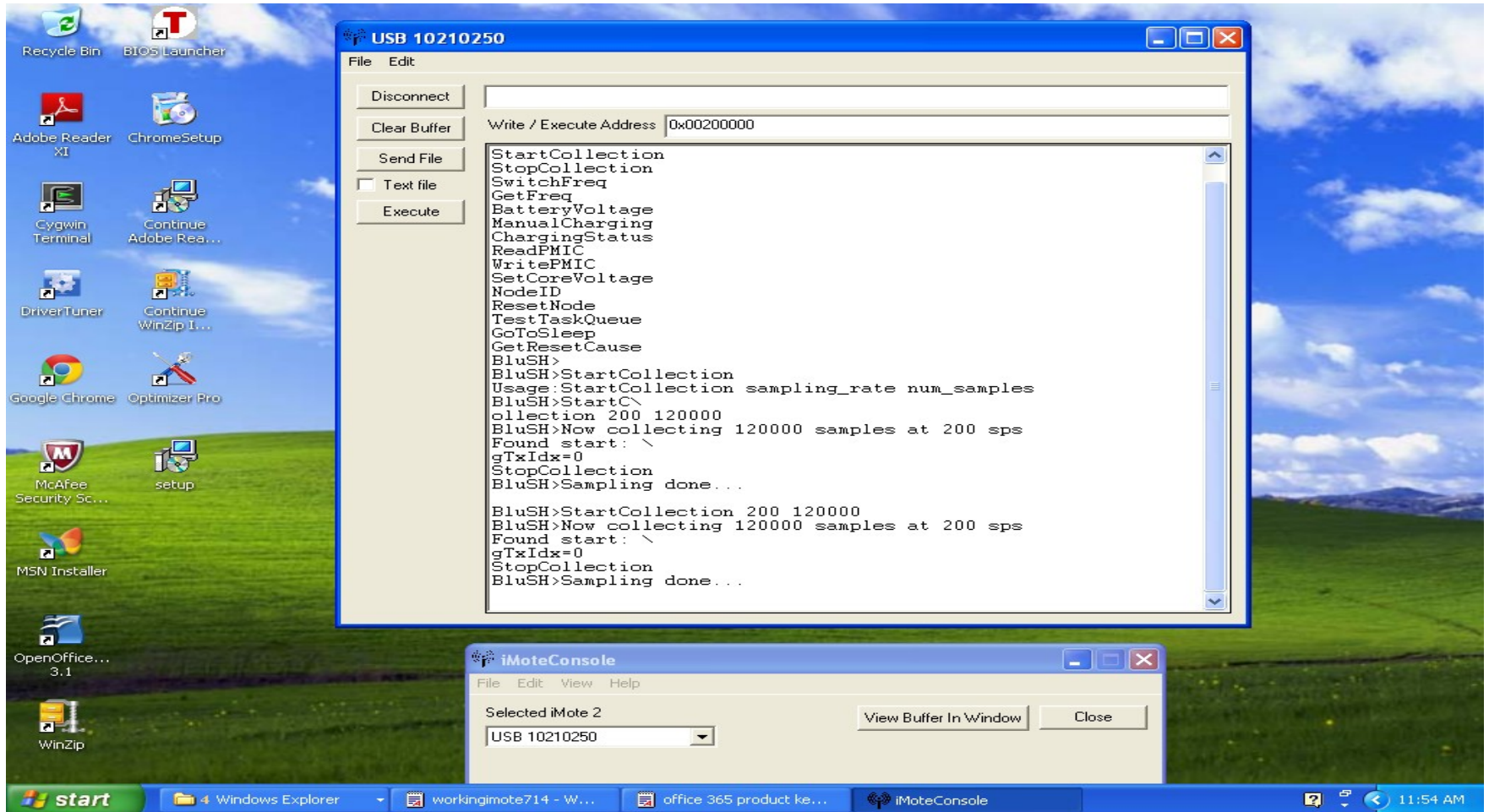


```
USB 10210250
File Edit
Disconnect
Clear Buffer
Send File
 Text file
Execute
Write / Execute Address 0x00200000
BluSH>ls
StartCollection
StopCollection
SwitchFreq
GetFreq
BatteryVoltage
ManualCharging
ChargingStatus
ReadPMIC
WritePMIC
SetCoreVoltage
NodeID
ResetNode
TestTaskQueue
GoToSleep
GetResetCause
BluSH>
BluSH>StartCollection
Usage:StartCollection sampling_rate num_samples
BluSH>StartC\
collection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxIdx=0
StopCollection
BluSH>Sampling done...

BluSH>StartCollection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxIdx=0
```

```
iMoteConsole
File Edit View Help
Selected iMote 2
USB 10210250
View Buffer In Window
Close
```

Modified
14 11:23 AM
014 10:09 PM
014 7:37 PM
014 7:16 PM
013 12:15 PM
013 1:29 PM
14 11:00 AM
013 11:50 AM
2006 3:38 PM



USB 10210250

File Edit

Disconnect

Clear Buffer

Send File

Text file

Execute

Write / Execute Address 0x00200000

```
StartCollection
StopCollection
SwitchFreq
GetFreq
BatteryVoltage
ManualCharging
ChargingStatus
ReadPMIC
WritePMIC
SetCoreVoltage
NodeID
ResetNode
TestTaskQueue
GoToSleep
GetResetCause
BluSH>
BluSH>StartCollection
Usage: StartCollection sampling_rate num_samples
BluSH>Start\
collection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxDx=0
StopCollection
BluSH>Sampling done...

BluSH>StartCollection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: \
gTxDx=0
StopCollection
BluSH>Sampling done...
```

iMoteConsole

File Edit View Help

Selected iMote 2

USB 10210250

View Buffer In Window

Close

start

4 Windows Explorer

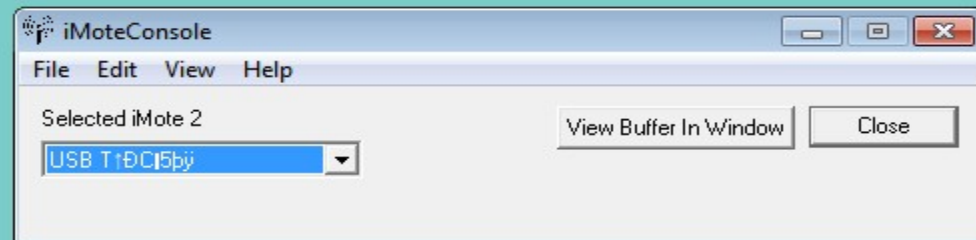
workingimote714 - W...

office 365 product ke...

iMoteConsole

11:54 AM

USB device number is encrypted in windows 7



List of Commands at the Bluish Prompt

The screenshot displays a Windows desktop environment with a teal background. On the left side, there is a vertical column of desktop icons including Recycle Bin, gVim Easy 7.4, p3plcpnl04... Secure We..., Adobe Acrobat..., gVim Read only 7.4, Adobe Creati..., McAfee Security Sc..., Adobe FormsCentral, NetBeans ID 8.0, Adobe Reader XI, Norton AntiVirus, Cygwin Terminal, WinZip, DriverUpdate, and Lab Biology.

The central focus is a window titled "USB T1D0C05py" with a menu bar containing "File" and "Edit". On the left side of this window, there are several buttons: "Disconnect", "Clear Buffer", "Send File", "Text file" (with an unchecked checkbox), and "Execute". To the right of these buttons is a text input field labeled "Write / Execute Address" containing the value "0x00200000". Below this field is a large text area containing a list of commands:

```
SwitchFreq
GetFreq
BatteryVoltage
ManualCharging
ChargingStatus
ReadPMIC
WritePMIC
SetCoreVoltage
NodeID
ResetNode
TestTaskQueue
GoToSleep
GetResetCause
BluSH>
```

In the bottom right corner, there is a smaller window titled "iMoteConsole" with a menu bar containing "File", "Edit", "View", and "Help". It features a dropdown menu labeled "Selected iMote 2" with "USB T1D0C05py" selected. To the right of the dropdown are two buttons: "View Buffer In Window" and "Close".

Starting of Data Collection with StartCollection 200 120000

The screenshot shows a Windows desktop with a teal background. On the left side, there is a vertical column of application icons including Recycle Bin, gVim Easy 7.4, Adobe Acrobat, gVim Read only 7.4, Adobe Creative Cloud, McAfee Security Scan, Adobe FormsCentral, NetBeans IDE 8.0, Adobe Reader XI, Norton AntiVirus, Cygwin Terminal, and WinZip. At the bottom, there are icons for DriverUpdate and Lab Biology.

The main focus is on two windows:

- USB T1DCI5py**: A window with a menu bar (File, Edit) and several buttons (Disconnect, Clear Buffer, Send File, Text file, Execute). The main area contains a list of commands: StartCollection, StopCollection, SwitchFreq, GetFreq, BatteryVoltage, ManualCharging, ChargingStatus, ReadPMIC, WritePMIC, SetCoreVoltage, NodeID, ResetNode, TestTaskQueue, GoToSleep, GetResetCause. The command `BluSH>StartCollection 200 120000` is entered in the text area. The `Write / Execute Address` field is set to `0x00200000`.
- iMoteConsole**: A window with a menu bar (File, Edit, View, Help). It shows a dropdown menu for "Selected iMote 2" with "USB T1DCI5py" selected. There are buttons for "View Buffer In Window" and "Close".

Starting of data Collection collecting 120000 samples at 200 sps

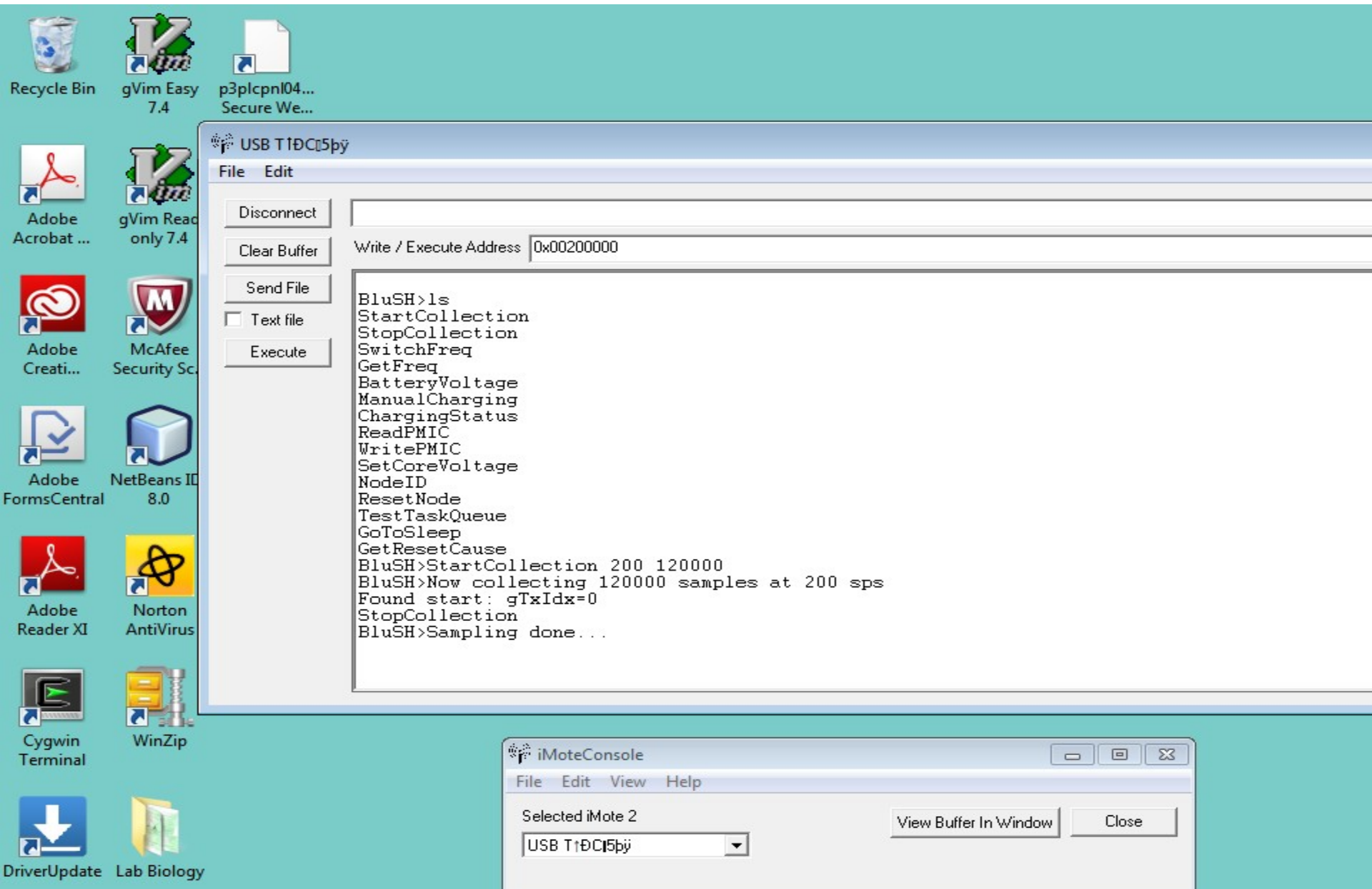
The screenshot shows a Windows desktop with a teal background. On the left side, there is a vertical column of desktop icons including Recycle Bin, gVim Easy 7.4, p3plcpnI04... Secure We..., Adobe Acrobat..., gVim Read only 7.4, Adobe Creative..., McAfee Security Sc..., Adobe FormsCentral, NetBeans IDE 8.0, Adobe Reader XI, Norton AntiVirus, Cygwin Terminal, and WinZip. At the bottom, there are icons for DriverUpdate and Lab Biology.

The main focus is on two windows:

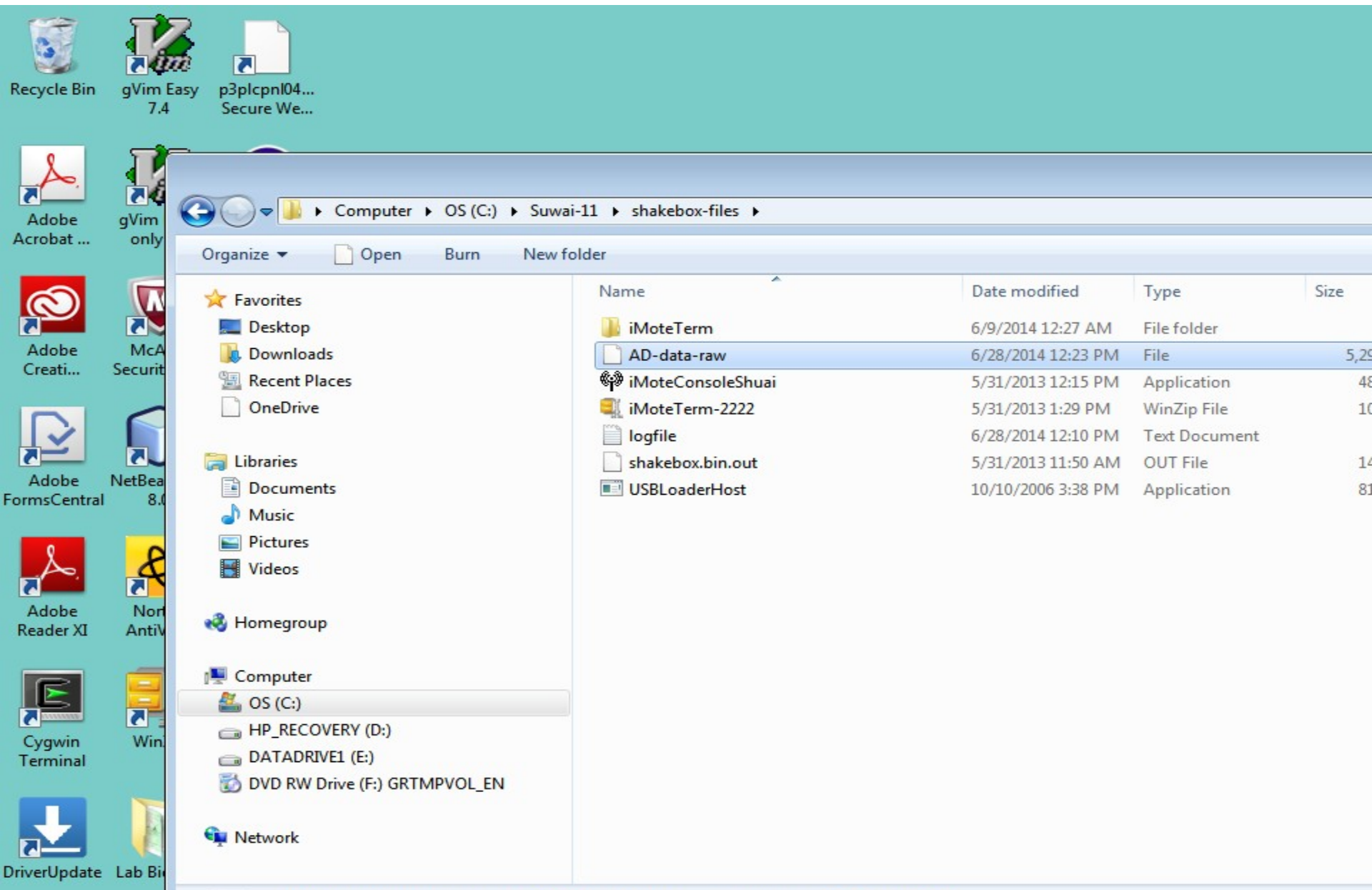
- USB T1DC15pj**: A window with a menu bar (File, Edit) and a toolbar (Disconnect, Clear Buffer, Send File, Text file checkbox, Execute). The main area contains a list of commands and their outputs:

```
BluSH>ls
StartCollection
StopCollection
SwitchFreq
GetFreq
BatteryVoltage
ManualCharging
ChargingStatus
ReadPMIC
WritePMIC
SetCoreVoltage
NodeID
ResetNode
TestTaskQueue
GoToSleep
GetResetCause
BluSH>StartCollection 200 120000
BluSH>Now collecting 120000 samples at 200 sps
Found start: gTxIdx=0
```
- iMoteConsole**: A window with a menu bar (File, Edit, View, Help) and a toolbar (View Buffer In Window, Close). It shows a dropdown menu with "Selected iMote 2" and a selected device "USB T1DC15pj".

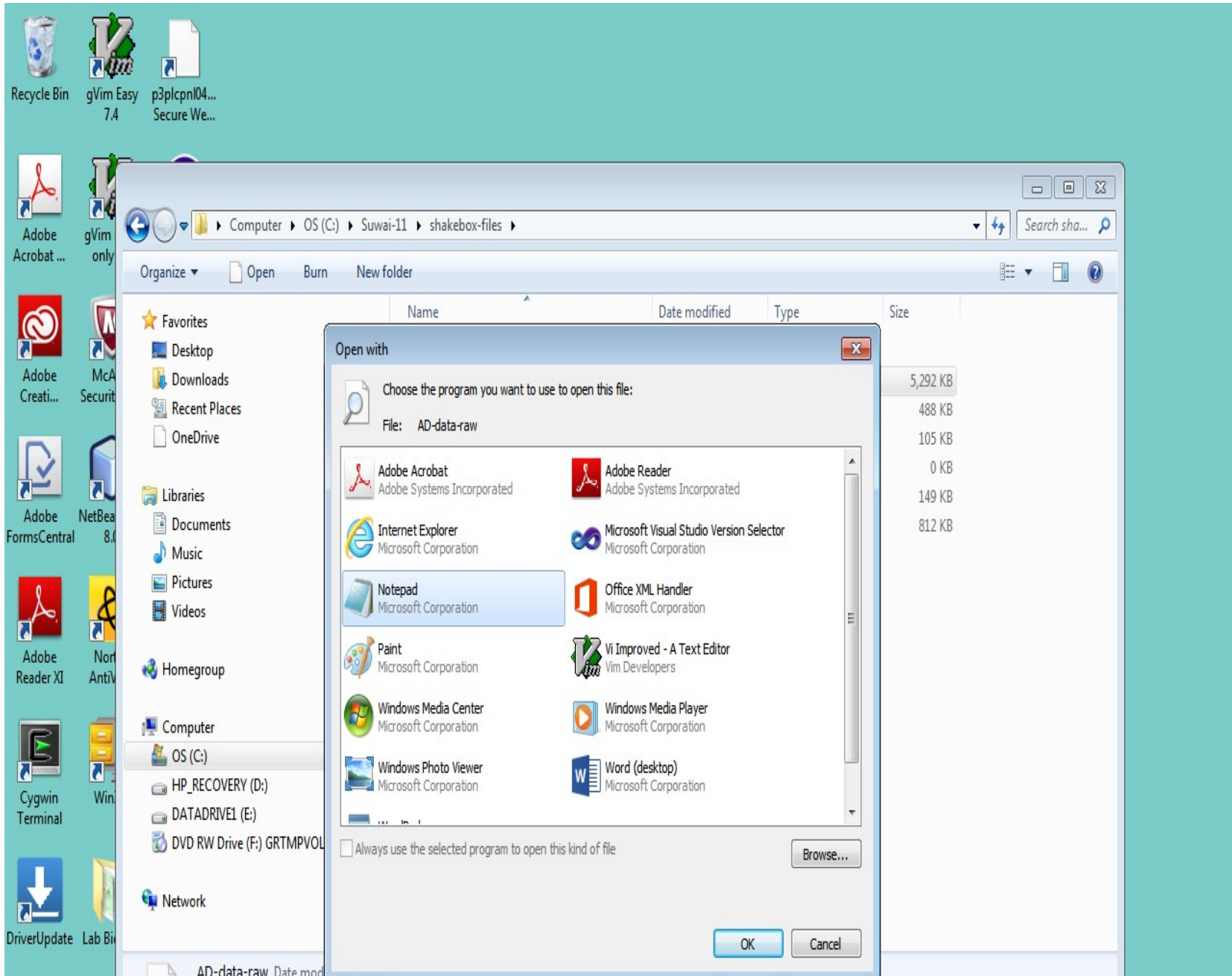
StopCollection is used to terminate the collection



Data has been collected into a file AD-data-raw in the Shakebox-files folder



The file is opened with Notepad



ShakeBox Collected 2230

pages of sample data in

approximately 5 minutes hexadecimal format:

AD-data-raw- 06-28-2014 at 12 31PM - Word

Microsoft account

FILE HOME INSERT DESIGN PAGE LAYOUT REFERENCES MAILINGS REVIEW VIEW ACROBAT

Read Mode Print Layout Web Layout Outline Draft

Zoom 100%

One Page Multiple Pages Page Width

New Window Arrange All Split

View Side by Side Synchronous Scrolling Reset Window Position Window

Switch Windows Macros

Clipboard

Paste All Clear All

Click an Item to Paste:

Clipboard empty. Copy or cut to collect items.

Options

00000d73	2ae5d00e	22d0b500	062a3f04	04e24508
00000d73	2c25d00e	22d09600	062a7904	04e22508
00000d73	2d65d00e	22d04700	062aa804	04e1f008
00000d73	2ea5d00e	22d04200	062a9304	04e19308
00000d73	2fe5d00e	22cfe700	062a5604	04e18708
00000d73	3125d00e	22cffc00	062a1004	04e18808
00000d73	3265d00e	22d09600	062a0d04	04e1b308
00000d73	33a5d00e	22d09100	062a1804	04e1ec08
00000d73	34e5d00e	22d0fb00	062a2404	04e1fc08
00000d73	3625d00e	22d17b00	062a4704	04e21f08
00000d73	3765d00e	22d0f800	062a1f04	04e1f108
00000d73	38a5d00e	22d0ee00	062a0b04	04e19908
00000d73	39e5d00e	22d17900	062a3d04	04e18208
00000d73	3b25d00e	22d10d00	062a4a04	04e16008
00000d73	3c65d00e	22d0e800	062a8404	04e17708
00000d73	3da5d00e	22d0d000	062aac04	04e1c908
00000d73	3ee5d00e	22cfd000	062a7204	04e1f808
00000d73	4025d00e	22d04400	062a6204	04e24108
00000d73	4165d00e	22d04c00	062a3504	04e26108
00000d73	42a5d00e	22cf6600	0629ff04	04e21d08
00000d73	43e5d00e	22d02e00	062a4a04	04e1f008
00000d73	4525d00e	22d05c00	062a7a04	04e19908

2230

PAGE 2230 OF 2230 602010 WORDS

12:34 PM 6/28/2014

Hexadecimal data is converted into Decimal Format through a Java program Called Data-Processing

Page 1 of pages 2230 of Data Collected in 5 minutes

1

```
0000032f c865d00e 22b43900 0610db04 04d8b408
0000032f c9a5d00e 22b39f00 0610eb04 04d89a08
0000032f cae5d00e 22b29400 0610e104 04d8e808
0000032f cc25d00e 22b39200 0610f504 04d92308
0000032f cd65d00e 22b3e500 0610f004 04d94808
0000032f cea5d00e 22b2c600 0610ad04 04d98708
0000032f cfe5d00e 22b27b00 06109604 04d97008
0000032f d125d00e 22b35f00 0610bf04 04d94808
0000032f d265d00e 22b36f00 0610d104 04d8eb08
0000032f d3a5d00e 22b29200 0610d504 04d8a108
0000032f d4e5d00e 22b34100 0610e704 04d89608
0000032f d625d00e 22b44e00 0610e304 04d88708
0000032f d765d00e 22b36300 0610d004 04d8cb08
0000032f d8a5d00e 22b2de00 0610d504 04d91708
0000032f d9e5d00e 22b3df00 0610f104 04d93c08
0000032f db25d00e 22b36e00 06110104 04d96008
0000032f dc65d00e 22b23900 06110304 04d96108
0000032f dda5d00e 22b38d00 06110204 04d94b08
0000032f dee5d00e 22b40b00 0610d704 04d91108
0000032f e025d00e 22b22400 0610a304 04d8e408
0000032f e165d00e 22b2fd00 06109d04 04d8df08
0000032f e2a5d00e 22b47400 06109604 04d8ca08
0000032f e3e5d00e 22b2f400 0610af04 04d8de08
0000032f e525d00e 22b2a000 0610ec04 04d8fe08
0000032f e665d00e 22b3fc00 06110e04 04d91008
0000032f e7a5d00e 22b33a00 06112904 04d93708
0000032f e8e5d00e 22b21600 06111404 04d93d08
0000032f ea25d00e 22b37d00 0610e704 04d94b08
0000032f eb65d00e 22b3d300 0610bf04 04d93308
0000032f eca5d00e 22b28700 06109304 04d91008
0000032f ede5d00e 22b33900 0610aa04 04d91008
0000032f ef25d00e 22b3e800 0610d504 04d8c408
0000032f f065d00e 22b35200 0610f504 04d8c308
0000032f f1a5d00e 22b33c00 06110a04 04d8d708
0000032f f2e5d00e 22b39700 0610ef04 04d8d208
0000032f f425d00e 22b3b700 0610cd04 04d91508
0000032f f565d00e 22b34900 06108e04 04d93508
```

Read Mode, Print Layout, Web Layout, Outline, Draft, Views

Ruler, Gridlines, Navigation Pane, Show

Zoom 100%, One Page, Multiple Pages, Page Width, Zoom

New Window, Arrange All, Split, Window

View Side by Side, Synchronous Scrolling, Reset Window Position, Window

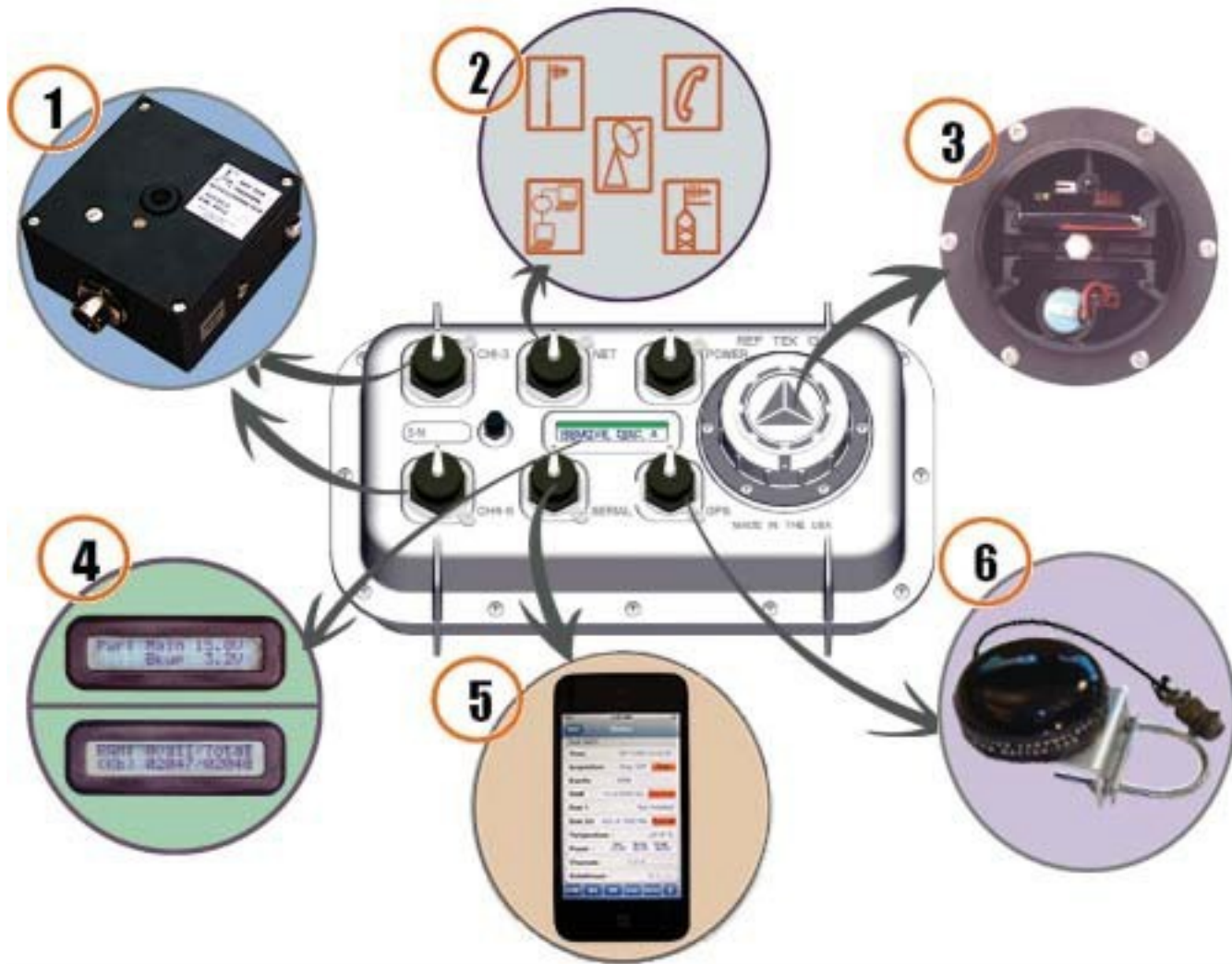
Switch Windows, Macros

Page 223o of pages 2230 of Data Collected in 5 minutes

00000d73 1965d00e 22d09b00 062ad604 04e12f08
00000d73 1aa5d00e 22d03500 062ab104 04e18e08
00000d73 1be5d00e 22d08700 062a6504 04e1f208
00000d73 1d25d00e 22d06000 062a2304 04e23008
00000d73 1e65d00e 22d02500 0629ee04 04e21c08
00000d73 1fa5d00e 22d0af00 062a2204 04e1ff08
00000d73 20e5d00e 22d04700 062a4f04 04e1ba08
00000d73 2225d00e 22d06500 062a9204 04e15a08
00000d73 2365d00e 22d0cb00 062ae104 04e14808
00000d73 24a5d00e 22d0cb00 062ab104 04e15408
00000d73 25e5d00e 22d13400 062a8004 04e1a108
00000d73 2725d00e 22d10c00 062a3304 04e1fa08
00000d73 2865d00e 22d0d500 0629e004 04e24c08
00000d73 29a5d00e 22d0c700 062a0904 04e28008
00000d73 2ae5d00e 22d0b500 062a3f04 04e24508
00000d73 2c25d00e 22d09600 062a7904 04e22508
00000d73 2d65d00e 22d04700 062aa804 04e1f008
00000d73 2ea5d00e 22d04200 062a9304 04e19308
00000d73 2fe5d00e 22cfe700 062a5604 04e18708
00000d73 3125d00e 22cffc00 062a1004 04e18808
00000d73 3265d00e 22d09600 062a0d04 04e1b308
00000d73 33e5d00e 22d09100 062a1804 04e1ec08

FEATURES of REF-TEK Model 130S-1

Similar to REF-TEK 155-01



The 130S Broadband Seismic Recorder

It has been designed to be easier to use more compact, lighter in weight, lower power, and requires less maintenance than other recorders.

Not only is the hardware optimized for field deployments, software tools have been specially developed to support both field and base station operation.

The 130S case is a clamshell design, inherently waterproof, with easy access to all user features on the top of the unit.

- 1.The 130S has 3 or 6 input channels for connection to any sensor available in the seismology market.
- 2.The network Command / Control and Data Telemetry is either Ethernet 10BaseT or serial PPP.
- 5.The disk compartment contains two CF-II slots, backup battery and status LEDs for easy servicing.
- 6.The LCD display allows the 130S Recorder to be serviced without connecting a set-up controller by displaying the 130S State-Of-Health.
- 7.User set-up, control, status, and data monitoring are carried out either with the iFSC Controller or with a PC or Workstation running RTI application software set.
- 8.The 130S uses a high-precision TCXO disciplined by an external GPS Receiver / Clock, which maintains time accuracy to better than 10 μ sec.

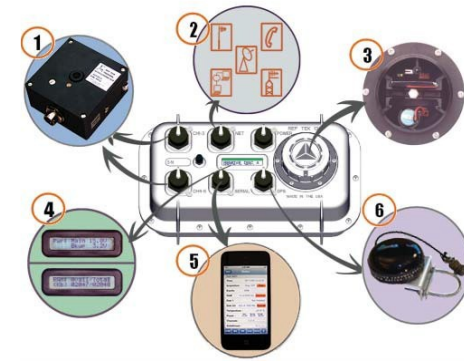
Key Features

State-of-the-Art ADC

Small Size and lightweight Modular Hardware IP
communications over Ethernet and Asynchronous Serial
Embedded/Removable

Applications

1. Local and regional Broadband
2. After shock Active Source
3. Micro Zonation-Survey
4. Site Noise Survey
5. Earthquake Early Warning
6. Rapid Transportation



Communications: NET Connector

Connector: Ethernet: 10 Base T, TCP/IP, UDP/IP, FTP, RTP

Serial Asynchronous, RS 232, PPP, TCP/IP, UDP/IP, FTP, RTP

Serial Connector:

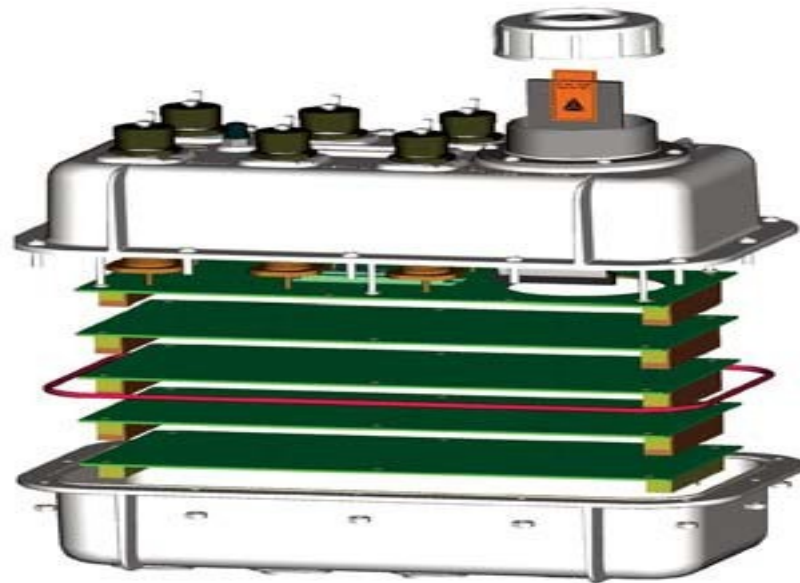
Terminal: Asynchronous, RS 232 130

Hardware Modularity

REF TEK 130S is constructed with up to five internal boards stacked together – an arrangement that is more reliable and less costly than a traditional backplane arrangement. The 130S comes with a Lid Interconnect Board, a Microcomputer Board, one or two ADC Boards and a Sensor Control Board .

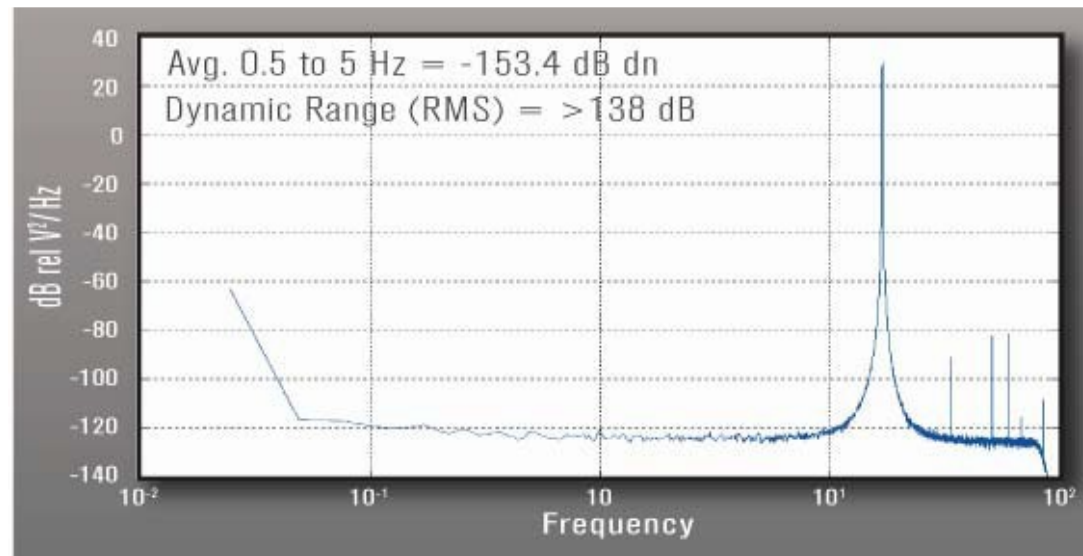
One or two removable disks reside in a sealed compartment that is accessed by opening a lid located on the top of the 130S case. The main electronics section is sealed with the lid open or closed.

The GPS Receiver is separate from the main unit in order to allow the GPS antenna to be located some distance away.



Noise Performance

The 130S series recorder incorporates the 3rd generation 24-bit delta sigma type analog-to-digital converter with state-of-the-art design. The combination produces the highest performance low power 24-bit seismic recorder. Below is the power spectral density of the ADC with the full scale sine wave input.



Data Retrieval

The 130S series recorder may be equipped with one or two Compact Flash Type I or Type II storage media (disks). CF flash storage is available up to 16 GB capacity. For example, 4 GB is enough storage to hold more than 100 days of three channel, 100 sps data recorded with Steim 2 compression.

Files are written in FAT32 format allowing high capacity disks to be used. To swap a disk during acquisition, simply open the cap that seals the disk compartment. A red LED indicates the disk is busy.

When inactive a green LED signals to remove the disk and insert another one in its place. Replace the cap resealing the compartment.

Data from the disk may be read on any PC / Workstation using a CF-II reader. Data can also be remotely downloaded from the 130S disk using FTP over LAN/WAN.

Module	Description	Contents
1	Lid Interconnect Board (RT520) ()	Power Supply Lightning Protection Physical Interface DC-DC Converter
2	Microcomputer Board (RT506) ()	CPU Battery Backed SRAM (up to 16 MBytes) Serial Ports Real-time Clock Ethernet Controller, full stack Enhanced Integrated Drive Electronics (EIDE)
3	ADC (RT649) ()	24-Bit ADC Channels (3 each) Input Pre-Amplifier Digital Anti-Alias Filters 1M SRAM Direct Memory Access (DMA) Controller DC-DC Converter
4	Sensor Control Board (RT527) ()	Monitoring of Mass Position Re-Centering Command; Mass Lock/Unlock Calibration Commands Calibration Signals DC-DC Converter
5	Board Under Maintenance	Component Block (to be replaced as needed)

run:

Date and Time	AD_ch_1	AD_ch_2	AD_ch_3.
155.4515908203125	3.6690959257710003	0.6312577686899999	0.519545715984
155.4565908203125	3.6693356731780002	0.63112903581	0.51947974928
155.4615908203125	3.6693276279630003	0.6310646693699999	0.519582721696
155.4665908203125	3.669176377921	0.6311129442	0.51976131448
155.4715908203125	3.6692777476300003	0.631172483157	0.51996243248
155.4765908203125	3.6695528939830004	0.631238458758	0.520113673216
155.4815908203125	3.66934210935	0.631190183928	0.5201217179359999
155.4865908203125	3.6691409789750002	0.631074324336	0.5199431251519999
155.4915908203125	3.6695191040800004	0.630997084608	0.519692129888
155.4965908203125	3.6696011652730003	0. 6309520281	0.51951997288
155.5015908203125	3.669160287491	0.630998693769	0.519534453376
155.5065908203125	3.6693823354250004	0.631154782386	0.5196277721279999
155.5115908203125	3.6695899019720004	0.63128995191	0.5197371803199999

[date, time, AD_ch_1, AD_ch_2, AD_ch_3.](#)

Folders	Name	Size	Type	Date Modified
Local Disk (C:)	iMoteTerm		File Folder	6/20/2014 7:54 PM
batt_en3.tos	AD-data-raw	3,332 KB	File	6/26/2014 6:28 PM
batt_sp3.tos	iMoteConsoleShuai	488 KB	Application	5/31/2013 12:15 PM
cygwin	iMoteTerm-2222	105 KB	TGZ File	5/31/2013 1:29 PM
Documents and Settings	logfile	0 KB	Text Document	6/26/2014 6:18 PM
All Users	shakebox.bin.out	149 KB	OUT File	5/31/2013 11:50 AM
rashid	USBLoaderHost	812 KB	Application	10/10/2006 3:38 PM
Desktop				
Favorites				
My Documents				
Start Menu				
Programs				
UserData				
inteltemp				
Program Files				
sa100a5v560				
Suwai-11				
shakebox-files				
iMoteTerm				
iMoteConsoleS				
_Upgrades				
res				
temp.realtek				
temp.tvap				
temp.unsk				


```

CIMoteConsoleApp::CIMoteConsoleApp()
{
    // TODO: add construction code here,
    // Place all significant initialization in InitInstance
}

////////////////////////////////////
// The one and only CIMoteConsoleApp object

CIMoteConsoleApp theApp;
////////////////////////////////////
// CIMoteConsoleApp initialization

BOOL CIMoteConsoleApp::InitInstance(){
    InitCommonControls();
    CWinApp::InitInstance();
    AfxEnableControlContainer();

    // Standard initialization
    // If you are not using these features and wish to reduce the size
    // of your final executable, you should remove from the following
    // the specific initialization routines you do not need.

    AfxInitRichEdit2();
    CIMoteConsoleDlg *dlg = new CIMoteConsoleDlg;
    m_pMainWnd = dlg;
    dlg->LoadProfileInfo();
    int nResponse = dlg->DoModal();
    if (nResponse == IDOK)    {
        // TODO: Place code here to handle when the dialog is
        // dismissed with OK
    }
    else if (nResponse == IDCANCEL)
    {
        // TODO: Place code here to handle when the dialog is
        // dismissed with Cancel
    }
    dlg->SaveProfileInfo();
    delete dlg;
    // Since the dialog has been closed, return FALSE so that we exit the
    // application, rather than start the application's message pump.
    return FALSE;
}

```

```
AfxInitRichEdit2();
CIMoteConsoleDlg *dlg =new CIMoteConsoleDlg;
m_pMainWnd = dlg;
dlg->LoadProfileInfo();
int nResponse = dlg->DoModal();
if (nResponse == IDOK)
{
    // TODO: Place code here to handle when the dialog is
    // dismissed with OK
}
else if (nResponse == IDCANCEL)
{
    // TODO: Place code here to handle when the dialog is
    // dismissed with Cancel
}
dlg->SaveProfileInfo();
delete dlg;
// Since the dialog has been closed, return FALSE so that we exit the
// application, rather than start the application's message pump.
return FALSE;
}
```


Thanks!