

REALTEK

RTU7305 GetRSSI Application User Guide

Rev. 0.1

3 November 2008

Track ID: WHCI-SW-GRUG-010



Realtek Semiconductor Corp.

No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan

Tel.: +886-3-578-0211. Fax: +886-3-577-6047

www.realtek.com

COPYRIGHT

©2008 Realtek Semiconductor Corp. All rights reserved. No part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form or by any means without the written permission of Realtek Semiconductor Corp.

DISCLAIMER

Realtek provides this document “as is”, without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Realtek may make improvements and/or changes to this document or to the product described in this document at any time without notice. This document may include technical inaccuracies or typographical errors.

TRADEMARKS

Realtek is a trademark of Realtek Semiconductor Corporation. Other names mentioned in this document are trademarks/registered trademarks of their respective owners.

CONFIDENTIALITY

This document is confidential and should not be provided to a third party without the permission of Realtek Semiconductor Corporation.

USING THIS DOCUMENT

This document is intended as a reference for engineers and provides detailed technical information.

Though every effort has been made to ensure that this document is current and accurate, more information may have become available subsequent to the production of this guide. Please check with your Realtek representative for the latest version of this document and for additional information that may help in the development process.

REVISION HISTORY

Revision	Release Date	Summary
0.1	2008/11/3	First release

Table of Contents

1. INTRODUCTION	4
2. SOFTWARE INSTALLATION.....	4
3. USE THE APPLICATION - GETRSSI.....	5

1. Introduction

This document describes how to use the GetRSSI application in Microsoft Windows Vista environment. This program can get RSSI value for each device on the air.

2. Software Installation

Please unzip the WHCI software package for later use. Run Realtek WHCI Installation file “Realtek WHCI [version] x86 [Date].exe”.

3. Use the application - GetRSSI

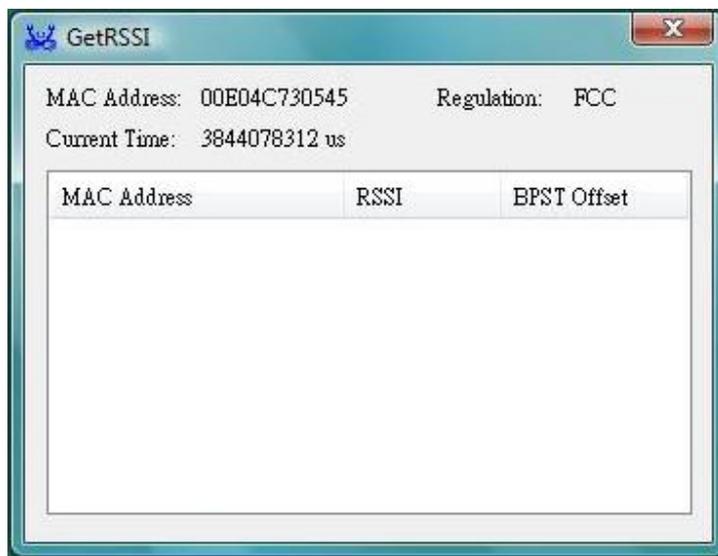
Please make sure the WHCI driver package is installed and the WHCI host drivers are shown normally in the device manager window.

3.1 Run the “GetRSSI.exe” in the directory of “WHCI Release [version][date]\ GetRSSI.

3.2 Select “Allow” when the User Account Control Window pop-up.

3.3 Begin use GetRSSI:

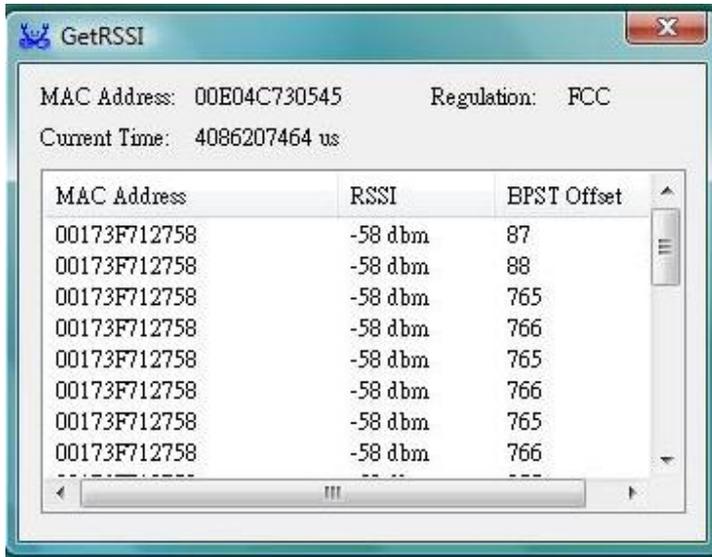
3.3.1 GetRSSI program window



3.3.2. The program will get RSSI value on the air every second. You can specify how many second you want to execute this program.

Edit the configuration file“GetRSSI.in?” and modify string value“RUN_PERIOD_IN_SECOND”

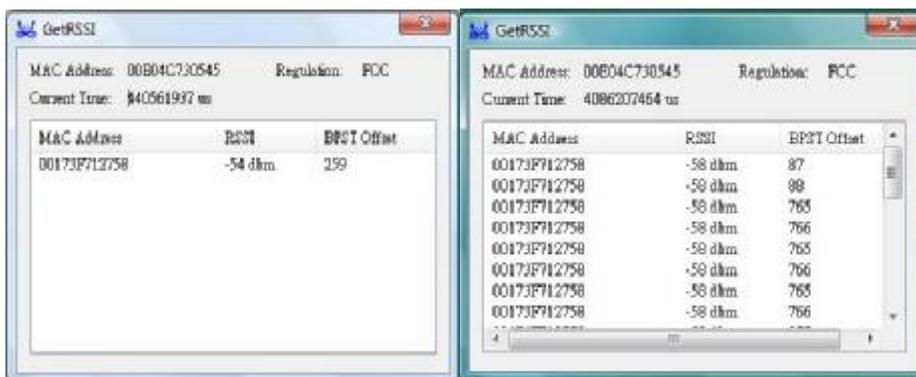
*0: forever.



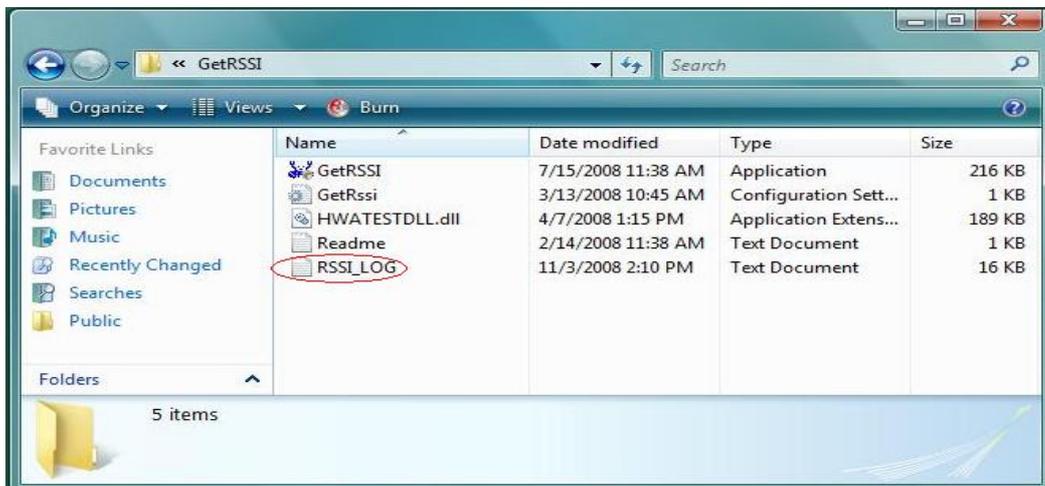
3.3.3. Also, you can specify the display mode for GetRSSI program windows.

Edit the configuration file“GetRSSI.in?” and modify string value“DISPLAY_MODE”

*0: one time one list,1: continuously list



3.3.4. *Before this program close, it will write final data to log file.*



3.3.5. *Radio ON/OFF Control. Open a command windows (click Start / ALL Programs / Accessories, then right-click on Command Prompt and select Run as administrator), run the GetRSSI application with “-off” or “-on” parameter in command line.*

Example:

For Radio ON



For Radio OFF



```
Administrator: Command Prompt
C:\Realtek WHCI Release 1.081 2008_10_09\GetRSSI>GetRSSI.exe -off
C:\Realtek WHCI Release 1.081 2008_10_09\GetRSSI>
```

Realtek Semiconductor Corp.**Headquarters**

No. 2, Innovation Road II, Hsinchu Science Park,
Hsinchu 300, Taiwan.

Tel: 886-3-5780211 Fax: 886-3-5776047

www.realtek.com