



Linux SoftAP Driver Release History

MT7620

MTK CONFIDENTIAL

Version: 1.0
Release date: 2013-04-29

© 2013 MediaTek Inc.

This document contains information that is proprietary to MediaTek Inc.

Unauthorized reproduction or disclosure of this information in whole or in part is strictly prohibited.

Specifications are subject to change without notice.

Document Revision History

Revision	Date	Author	Description
0.1	2012-11-15	Pan Liu	Initial Draft
0.2	2012-11-29	Pan Liu	Add v2.7.1.0 history
0.3	2012-12-10	Pan Liu	Add v2.7.1.1 History
0.4	2012-12-17	Pan Liu	Add v2.7.1.1_alpha History
0.5	2013-01-14	Pan Liu	Add v2.7.1.2 History
0.6	2013-01-22	Pan Liu	Add v2.7.1.2 Low power consumption History
0.7	2013-01-23	Pan Liu	Add v2.7.1.3_HP history
0.8	2013-02-19	Pan Liu	Add v2.7.1.4 history
0.9	2013-03-08	Pan Liu	Add v2.7.1.5 history
1.0	2013-04-29	Pan Liu	Add v2.7.1.6 history

MTK CONFIDENTIAL

Table of Contents

Document Revision History	2
Table of Contents	3
1 MT7620 Linux SoftAP driver release history	4

MTK CONFIDENTIAL

1 MT7620 Linux SoftAP driver release history

[V2.7.1.6]

1. Support P2P function.
2. Support Dynamic VGA function.
3. Support Temperature Compensation Power Control for Internal PA
4. Enhance TX stability. (PEER_DELBA_TX_ADAPT)
5. Fix ATE 20/40 power Delta issue.
6. Fix site survey issue when GreenAP is enabled.
7. Fix bug when enabled TSSI.

[V2.7.1.5]

1. Fix ATE TSSI Calibration issue.

[V2.7.1.4]

1. Add External and Internal PA Support
2. Change Calibration output power.
3. Add new compiler flag "ADJUST_POWER_CONSUMPTION_SUPPORT" for low power function.
4. Support read profile for Single SKU. (note: default profile path is /etc_ro/Wireless/RT2860AP/SingleSKU.dat)
5. Add RX dead-lock protects on ATE mode.
6. Fix per rate power wrong on ATE mode when compiler SINGLE SKU.
7. Update VCO Calibration procedure.

[V2.7.1.3 HP]

1. Support Ext-PA Configure
2. Support Temperature Compensation for Ext-PA
3. Fix VCO Calibration issue.
4. Support read profile for Single SKU.
(note: default profile path is /etc_ro/Wireless/RT2860AP/SingleSKU.dat).

[V2.7.1.2 Low Power consumption]

1. Add new compiler flag "ADJUST_POWER_CONSUMPTION_SUPPORT" for low power function

[V2.7.1.2]

1. Fix power step for HT20/HT40.
2. Fix ApCli duplicate mac address issue.
3. Fix Led Act Polarity definition
4. Enable RX IQ Calibration.
5. Fix Repeater DHCP packet replace wrong at some Access Point

[V2.7.1.1 Alpha]

1. Support External PA and External LNA config.

[V2.7.1.1]

1. Fix MCS0 HT40 mask fail issue.
2. Support 20/40 Delta Power.
3. Disable TX1 do TSSI Compensation at legacy mode.

[V2.7.1.0]

1. Add Link fails at low temperature patch.
2. Fix VCO Calibration Fail.

3. Add Repeater Mode.

[V2.7.0.0]

1. Add STA code.
2. AP pass TGn 、WPS2.0 and UAPSD internal certification.

[V2.7.0.0 Beta]

1. MT7620 init version.
2. AP pass TGn.
3. WPS 2.0 pretest not yet.
4. TSSI + SingleSKU verify on-going.

MTK CONFIDENTIAL