

Date: 29 January 2016

From: STMicroelectronics

Subject: **Version 3.5 Release Notes SPWF01S-160129-c5bf5ce**

(1) Highlight:

This release mainly includes bug fixes, and new minor features for module tuning

(2) New Features

- * Added AT+S.RMPEER, allowing STA disassociation in miniAP mode
- * Added AT+S.HTTPREQ, allowing custom HTTP requests
- * Added AT+S.FSR, allowing user to rename files in RAM
- * Added AT+S.HTTPDFSWRITE, allowing user to update external FLASH through UART
- * Added etf_mode configuration variable, allowing user to run radio tests
- * Added console1_delimiter configuration variable, allowing user to change default ',' delimiter
- * Added console1_errs configuration variable, allowing user to enable error numbering
- * Added dhcp_lease_time lwip configuration variable, allowing user to select IP address renew in miniAP mode
- * Added dns_mode lwip configuration variable, allowing user to select method for IP address resolution
- * Added use_cgis lwip configuration variable, allowing user to enable selected CGIs into webserver
- * Added use_ssis lwip configuration variable, allowing user to enable selected SSIs into webserver
- * Added use_decoder lwip configuration variable, allowing user to enable selected decoding functions into webserver
- * Added wifi_region configuration variable, allowing user to select allowed channels for active scan
- * Added option to manual scan to filter results on AP MAC address
- * Added option to manual scan to create a new file, used to save results

(3) Bug fixes

- * Fixed watchdog reset when a lot of interrupts are generated by GPIO(s) configured as input (WIND:52 displayed)
- * Added FSC automatic deletion of old files in RAM with the same name
- * 327904: fixed space issue in SOCKW, SOCKR, SCERT and TLSCERT command
- * Fixed HardFault in TCP socket server disconnect
- * 245437: added decoding function to firstset and output CGIs. Special characters (%xx) and HTML entities (&#xxxx;) are now managed
- * Fixed scan over last channel in a region
- * Fixed UART overrun condition
- * Fixed ip_dns status variable, according to ip_use_dhcp configuration variable
- * 292264: miniAP (if using DHCP) sometimes fails to deliver IP address on 2nd (3rd, 4th, or other) association request from the same STA
- * 294007: Some APs are not found during automatic or manual scan. A reset is mandatory to get a working scan again

(4) Backward compatibility changes

- * localecho1 configuration variable has now effect after save and reboot
- * Aligned FWUPDATE " Complete! Update..." message to " Complete! Please reboot.
(at+cfun=1)<CR><LF>" message, already used into HTTPDFSUPDATE and HTTPDFSERASE commands
- * Updated configuration variables (WIND:73 displayed)