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Version BaiBS\_QRTB\_2.9.10  
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New Features:

- Added: 256QAM Downlink
- Added: Uplink CA (Non-contiguous)
- Added: TDD Config 6
- Added: UL RSSI Report
- Added: Support Asynchronous CA (20+10MHz)
- Added: Support NL sync with B48 (Full Band Scan)
- Added: 1588v2 (all eNB models)
- Added: Dynamic UE/TTI Scheduling
- Added: Dynamic UL Target SINR
- Added: Support modifying HTTPS port number
- Added: Add unit of measurement dropdown for "height" installation parameter
- Added: Add auto button next to "height" installation parameter
- Added: List time on Basic Info page
- Added: Allow changing target BLER setting
- Added: Monitor X2 link status

Improvements:

- Improved: Country code is set to USA by default
- Improved: Modifying TX power no longer requires a reboot
- Improved: PCI number is randomized by default
- Improved: HaloB is enabled by default
- Improved: Support BLER KPI in OMC
- Improved: Allow MTU configuration change via TR069
- Improved: Additional logging added for HaloB
- Improved: Add hover text to the check box of Power Modify
- Improved: Display A1,A2 Event Threshold when HaloB is enabled
- Improved: Support special characters in SAS User ID field except '\$'
- Improved: Preferred Frequency dropdown list will update based on Preferred Bandwidth setting
- Improved: Added error checking on A1 and A2 thresholds to validate that A1 is greater than A2
- Improved: PRB utilization cannot reach 100% when 2UEs in 1TTI have unbalanced throughput
- Improved: Fixed spelling and default setting issues on iPerf3 page
- Improved: Auto remove old crash log files on reboot
- Improved: Special characters are allowed in passwords
- Improved: Latitude and longitude are not displayed when the number of satellites is 0
- Improved: SNMP system name now properly reflects eNB name
- Improved: Security: Updated dropbear and JQuery and removed bootstrap to close potential vulnerabilities
- Improved: Security: Enable SSL by default for Management Server (ACS) URL

#### Bug Fixes:

- Fixed: Error checking added to prevent incorrect EARFCN being set by OMC
- Fixed: OMC is unable to apply a second PLMN
- Fixed: Default Cell2 name is not different from Cell1
- Fixed: Fixed UI bug with expand/close box for X2 settings
- Fixed: Fix the webGUI does not respond when software is rolled back
- Fixed: Fix error in calculating RB count in syslog in SSP5 configuration
- Fixed: Apple devices behind CPE cannot access some secure websites and apps

#### Known Issues:

- Issue: UE will experience reduced throughput after X2 handover