



Motorola Solutions, Inc.

MOTOTRBO® System Release Notes **Professional Commercial Radios (PCR) & Accessories**

North America Region

Versions: R2.7.8
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MOTOTRBO May 2017 Software Release

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Overview

This section details the known MOTOTRBO product issues which remain outstanding at the time of this release of software to the field.

Known product issues are divided into two categories:

- Known issues contained within the current release
- Resolved Issues that have now been fixed within the current release

Definitions

A known issue is a problem that is currently unresolved (open).

A closed or resolved issue is one that has been repaired and no longer should occur in the product after upgrading to the new product version.

The risk and workaround aspects are included in the release note description (Known Issues) for overall assessment of the problem.

What's new in the Release?

Release 2.7.8 addresses a number of product issues for the SLR Repeaters as indicated in the Resolved Issues section. It is strongly encouraged to update any R2.7 SLR 5000/SLR 8000 repeaters to this latest new firmware.

Capacity Max Features and Enhancements

Support for 250 Sites

This feature expands the maximum number of RF sites supported in a Capacity Max system from 15 up to 250. It introduces a new function, the replicator that resides on any CMSS Trunk Controller with a Trunk Controller license. It is used when there is a talkgroup call involving more than 15 sites. In this scenario, the call will be routed through the replicator to all sites.

Advanced Trunk Controller Redundancy

This feature expands the maximum number of Redundant Trunk Controllers from one (1) to four (4) allowing improved redundancy options. The number of supported System Advisor servers has been increased up to five (5). While all the System Advisors can receive alarms from the devices in the system, only two (2) are dynamically selected to receive up to date call data.

Redundant Data Gateway Support

The Capacity Max system will now support Redundant Data Gateways where the primary and the backup are deployed on separate Windows servers. The backup becomes active if the primary becomes unavailable. Once the primary becomes available, it becomes active. The gateway switchover will be transparent to the radios. Data messages from radios continue to be received by the application no matter which gateway is active. The primary and backup data gateways may be deployed at different physical locations as long as a 3rd party application supports this configuration. MSI applications (e.g. RM Device Programmer, Battery Management, etc.) do not support geographic data gateway redundancy. In addition, the MNIS Status Agent SW must be installed on the same server as the MSI supported Application (Radio Management Device Programmer, Battery Manager).

VRC Gateway and Data Gateway Expansion

The Capacity Max system will now support up to 15 VRC (Voice and Radio Command) Gateways plus an additional 15 Redundant VRC Gateways for a total of 30 VRC Gateways. In addition, the quantity of Data Gateways has also been increased up to 15 Data Gateways plus an additional 15 Redundant Data Gateways for a total of 30 Data Gateways.

Avtec Scout Support

The Capacity Max system will now support integration via the wireline voice gateway (VRC) with the Avtec Scout IP Console v 4.3. The Scout console system interfaces with Capacity Max through the VPGate MOTOTRBO™ Capacity Max driver. Implementing a Scout–MOTOTRBO™ Capacity Max system requires software licensing for both the Scout console system and the MOTOTRBO™ Capacity Max system.

WAVE 5000 Support

WAVE 5000 is now supported on Capacity Max systems. WAVE 5000 enables highly scalable, feature rich, enterprise grade push-to-talk (PTT) on broadband networks and devices so that critical, time-sensitive information flows quickly and securely. For MOTOTRBO Capacity Max systems, the WAVE 5000 Server integrates directly using a MNIS VRC Gateway. No XRT or donor radios are needed. One VRC Gateway Talkpath license is required for each simultaneous call through to the WAVE server. These licenses are loaded on the CMSS.

System Wide All Call and Multiple Multi-Site All Call

Support for a System Wide All Call, including all Voice Gateways, has been added. The System wide All Call is granted when there is no ongoing Site All Call or MultiSite All Call in the system. The system will preempt all non-emergency calls at sites with no resources. Emergency calls are allowed to proceed when a System Wide All Call is in progress.

In addition, the maximum number of Multi-Site All Call groups has been increased to 128.

Priority Monitor

Priority Monitor, when enabled, allows a radio currently receiving a Talkgroup call to join a higher priority Talkgroup call. A user can now configure up to two (2) Talkgroups as Priority 1 and Priority 2. When scan is enabled, radios will leave an ongoing call for these two (2) higher priority Talkgroups calls.

Status Call

The Status Call feature will allow a user to send a short status message to another radio user, wireline user, or group without allocating a traffic channel (unlike text messaging). Users can configure up to 16 Status Lists per radio (1 per system) and up to 100 Status messages per list. The Status Message can be initiated via a one-touch button or through the menu. The System operator can control which radios are allowed to initiate Status Calls (reception is not restricted and occurs automatically).

Multi Talkgroup Affiliation

The Multi Talkgroup Affiliation feature will allow a user to affiliate up to seven (7) Talkgroups, thereby increasing the probability of receiving a TG Scan call. Radio users, if allowed, can enable affiliation of Talkgroups that are in their Scan lists through the radio user menu.

Centralized Distribution Sites

This feature will allow customers to accommodate a Capacity Max site that may not meet the minimum IP bandwidth requirements. These sites may be configured as “Centralized Distribution Sites” and will then have their calls routed to a Centralized Distribution (the “replicator”) where the call will be routed to all other sites involved in the call. This will reduce the bandwidth required at that site; however, it may increase the bandwidth requirements at the replicator site.

Radio Kill

The feature allows a system operator to utilize his or her application to remotely kill, or permanently disable, a radio. This allows system operators to have control over their radio fleet and be able to remove rogue or stolen radios from service, permanently. The kill command can only be issued from a voice application, like a console, and will disable all functionalities across all personalities. In Killed state, the radio does not respond to the keypad, channel knob, or buttons. When powered on, it indicates its “Killed” state. The radio does not make over-the-air transmission or reception. A killed radio cannot be revived from the Kill state by any over-the-air message. After being killed, the radio can only be recovered by sending it to a Motorola Service Depot.

Wireless Console Initiated Stun/Revive

This feature allows a radio or wireless console to remotely Stun or Revive another radio. When stun/revive authentication option is selected, the system will authenticate the initiating radio and the target radio authenticates system. Only designated radios can issue Stun or Revive commands.

Routing of High Efficiency Data

This feature allows Location Data using High Efficiency Data to be routed to only one location application. The MOTOTRBO MNIS Data Gateway can now be configured with up to five (5) groups of SUID ranges for High Efficiency Data, typically locations. Previously, High Efficiency Data was sent to all MNIS Data Gateways and applications.

Radio Management System Upgrade Complete field

This feature allows the Capacity Max system to be upgraded in a smooth manner while minimizing system downtime. In R2.7, infrastructure communication protocols were significantly modified in order to support capacity expansion and redundancy improvements. In order to support R2.6 feature functionality during the upgrade process, the configurable “***RM System Upgrade Complete***” field must be unchecked until all non-radio entities have been upgraded to R2.7. As long as this flag is unchecked, R2.6 features will

continue to be supported, but many of the R2.7 features will not be supported in any manner. Please refer to the “*System Release Upgrade Guide – R2.6.0 to R2.7.0*” (MN003506A01-AA) before attempting to upgrade your system.

Non-Capacity Max Features

Extended Range Direct Mode

This feature extends the range of digital Direct Mode subscribers or fills in coverage holes for digital Direct Mode users. The feature enables an SLR 5000 or SLR 8000 repeater to receive and transmit on the same frequency, but different time slots. The SLR will receive a Direct Mode subscriber’s transmission and rebroadcast it. Properly configured Direct Mode subscribers will receive both signals (from the subscriber direct and from the SLR) and choose the stronger signal for the duration of the call.

Radio Management for Connect Plus

This feature allows packages containing Connect Plus Option board codeplug, firmware, and frequency files to be imported into Radio Management and then written and applied to the radio. Connect Plus CPS can now generate Package files that contain the Connect Plus firmware, codeplug, and frequency file for a specific radio. The Radio Management Configuration Client (not supported in Template Mode) now supports import, assignment, and writing of packages generated by the Connect Plus CPS to specific radio. Writing of package contents can be done via WiFi/USB for E-series radios or USB for non E-series radios.

Restricted Access To System as Standard (RAS)

RAS is now a standard feature on all radios and repeaters which will provide better security for radio systems. Starting in R2.7, RAS is enabled by default with a default key.

- To add a new radio or repeater to an existing system **without RAS**, disable RAS and delete the default key when programming.
- To add a new radio or repeater to an existing system **with RAS**, you will need to update the RAS key when programming.
- To add an existing radio/repeater to R2.7, the RAS settings in the existing radio/repeater will be preserved.
- To clone a radio, there are no additional steps required (cloning operation will overwrite default settings).
- The DEFAULT Key can be found in the CPS/RM OLH.

Device Discovery and Mobility Service (DDMS) User Sign-In/Sign-Out Authentication

The DDMS User ID Sign-In/Sign-Out interface has been modified to also require Radio ID authentication from the subscriber. Previous versions of applications (such as job ticket) which use DDMS User Sign-In/Sign-Out interface will not work correctly. To disable this authentication, the following steps must be taken:

- Locate/open the Configuration file **C:\ProgramData\Motorola\Presence Notifier\PNConfig.xml**
- Set the config item called "AuthenticationWithFullInfo" to "0"
- Restart the DDMS service

Subscriber Features

Received Audio Leveling

Feature developed to address varying audio levels from transmitting radios (i.e. soft vs. loud voice). Feature is available for MOTOTRBO portable radios: XPR7000 /7000e series, XPR 3000/3000e series, SL 7000/7000e series, SL300, CP200d.

- Rx Audio Leveling works to normalize all receive audio to a target value.
- Operates in both digital and analog mode and on all system types.
- Rx Audio Leveling will provide an observable benefit when:
 - Fleet of different accessories are in use
 - Transmit radio does not have an accessory (i.e. non-IMPRES AGC is active)
 - Transmit radios have Tx AGC disabled
 - Radio system includes multi-family / multi-vendor subscribers.
- Feature requires a license (HKVN4492A)

Mute Mode

Provides a quick way to mute MOTOTRBO XPR 3000/3000e series, XPR 7000/7000e series, XPR 5000/5000e series, SL 7000/7000e series receive audio when conditions require the user to do so:

- Via Programmable button.
- Placing the radio in a “Face Down” position (only for portable radios that supports accelerometer: XPR 7000e series, SL 7000e series).
- Feature requires a license (HKVN4493A)

Wi-Fi Default Programmable Button

Wi-Fi is defaulted to OFF for XPR 7000e series, XPR 5000e series and SL7000e series ENABLED radios. Wi-Fi can be enabled via a pre-set Programmable button (side top button) right out of the box. A short press is used for Wi-Fi status, a long press is used for Toggle Wi-Fi On/OFF. The setting was driven by the need to reduce impact to battery life and security concerns.

XPR 7300e series non-display capable models

Three new non-display CAPABLE models are introduced in VHF/UHF/800-900 MHz frequency bands. These three new models follow the same software license structure as the existing XPR 7500e series CAPABLE models.

Call Box/RTU RF Kits

Three models are introduced in the VHF/UHF/800-900 MHz frequency bands. These three new RF Kits feature SMA type antenna connectors and are intended for Call Box, Remote Terminal Units (RTU) and other SCADA applications.

Operations Critical Wireless RSM

A new Wireless Remote Speaker Microphone (RLN6562A) is supported in XPR 7000/7000e series and WAVE 3000/5000 enabled devices.

Low Temperature Battery

A new Low Temp (-30 deg. C) 1950 mAh IMPRES battery is now available for XPR 3000/3000e series and XPR 7000/7000e series portables.

Part Number	Description
HKVN4488A	NA EXTENDED RANGE DIRECT MODE SLR
HKVN4394A	CAPACITY MAX SINGLE SITE SYSTEM CONTROLLER LICENSE
HKVN4395A	CAPACITY MAX SINGLE SITE TO MULTI-SITE SYSTEM CONTROLLER LICENSE
HKVN4492A	MOTOTRBO RADIO RX AUDIO LEVELING - NA
HKVN4493A	MOTOTRBO RADIO MUTE MODE - NA

Product Versions

Listed below are all MOTOTRBO Product types with a reference to the released version of software:

MOTOTRBO Product	Version Supported in Release
Subscriber – MOTOTRBO 2.0, 2.5 Portables (including SL Series) Subscriber – MOTOTRBO 2.0, 2.5 Mobiles (XPR 5000/5000e series, and XPR 2500) Subscriber – MOTOTRBO - Light Subscriber – MOTOTRBO – XPR 4000/6000	R02.07.01.0000 (CP R11.00.17) R02.07.03.0000 (CP R11.00.19) R01.01.10.0002 (CP R08.03.11) R01.12.17
Repeater - XPR 8300/XPR 8400 Repeater – MTR 3000 Repeater - SLR 5000, SLR 8000	R02.07.00.04 (CP R18.00.08) R02.07.00.04 (CP R18.00.08) R02.07.08.02 (CP R04.00.10)
XRC 9000 / 9100 Controller	R02.70.00.0091_990
XRT 9000 / 9100 Gateway	R02.70.00.0170_1064
XRI 9100 Interconnect	R02.70.00.0091_764
Network Manager (merged with XRC / XRI packages)	R02.70.00.0091_764
Network Manager Connection Tool	R02.70.00.0091_764
XRT Configuration Tool	R02.70.00.0091_764
CPCPS	R02.07.04
Radio Management / CPS	RM V2.4.11 / CPS V14.00 Build 738
Tuner	V14.0 Build 226
RDAC	V7.5 Build 99
AirTracer	V9.0 Build 31
Device Discovery Mobility Service (DDMS)	R03.70.5000
Multi Channel Device Driver (MCDD)	R2.1.3
MNIS Data Gateway	R02.70.5001
MNIS Voice and Radio Command (VRC) Gateway	R02.70.5001
WAVE 5000	5.12
MNIS Status Agent	R02.70.5000
Capacity Max ESU	DESU-D12.03.39.01 (DESU-PCR-02.07.03.39-01.iso)
Capacity Max Trunk Controller	TC_R02.07.01.01 (CMXTC-PCR-02.70.52.01-01.iso)
Capacity Max System Advisor	EUEM-01.01.01.03 (UEM-PCR-01.01.01.03-00.iso)
System Design Tools	Version 5.14

3rd Party Applications	Version Supported in Release
GW3-TRBO	3.2.13.19.30 (CP) / 3.2.13.20.19 (CM)
Avtec VP Gate	4.3.10.16
Avtec Scout Console/Scout Manager	4.3.10.24
Avtec VPGate Advanced Radio Support w/Encryption	4.3.10.4
Avtec Data Management Services - Scout Central Distributor	4.3.10.24
SmartPTT PLUS	9.1.0.23175
TRBOnet PLUS	5.1.0.1150

HIGHLIGHTED LINES INDICATE NEW SOFTWARE OR PRODUCT SPECIFIC TO THE R2.7.8 RELEASE

Notes on Capacity Max System Upgrades

1. For Capacity Max, the Firmware versions specified above for the ESU, Trunk Controller, VRC Gateway and System Advisor are contained in the “*cmss_upgrade_2.6_to_2.7_12_08_2016.zip*” available on MOL. Please refer to the “*Capacity Max Infrastructure R2.6.0 to R2.7.0 Upgrade Guide*” for additional details.
2. For Capacity Max, updated Switch and Router configuration files are also available on MOL.
3. In R2.7, Capacity Max Talkpath Licenses have been moved from the “CMSS hosting the VRC Gateway” to the “CMSS hosting the Trunk Controller.” As a result, every active Talkpath on a Standalone VRC on an R2.6.x system will require a new Talkpath license be installed on each CMSS with a Trunk Controller (primary and alternate) in the system. Note, no additional Talkpath licenses are required for the Talkpaths on Redundant VRC Gateways and no additional Talkpath licenses are required for existing VRC Gateways that are already on CMSS with Trunk Controllers.
4. Important Notes on expanding existing R2.6.X Capacity Max Systems:
 - Adding R2.7.x Radios to an existing R2.6.x Capacity Max System: If using radios with R2.7.x firmware, then Radio Management must be upgraded to the latest version 2.4.11 (included with CPS version 14.0). Upgrading the Capacity Max infrastructure is not required as RM is able to manage the existing R2.6.x Infrastructure equipment.
 - Adding R2.7.x Infrastructure Components to an existing R2.6.x Capacity Max System: Infrastructure communication protocols were significantly modified in R2.7 in order to support capacity expansion in terms of the number of sites, Trunk Controllers (TC’s), MOTOTRBO Network Interface Service (MNIS) Voice and Radio Command (VRC) Gateways, and System Advisors (SA’s) as well as Data Gateway redundancy. As a result, the Capacity Max system must be upgraded to R2.7 prior to adding new (R2.7) infrastructure components such as CMSS’s or repeaters. This upgrade process is detailed in the “*Capacity Max Infrastructure R2.6.0 to R2.7.0 Upgrade Guide*.” In particular, adding an R2.7.x repeater to an existing site with R2.6.x repeaters is not supported, because this action disables all R2.6.x repeater functionality at that site until all repeaters are upgraded to R2.7.x.

Known Issues in Product Release

Infrastructure Impact

Issue Number:	TFS00081977
System/Product:	Capacity Max/Radio Management
Description:	Radio Management does not show the new version of Bootloader in the Radio View after a device upgrade that includes a Bootloader upgrade.
Workarounds:	None.

Radio Impact

Issue Number:	TFS00102884
System/Product:	MOTOTRBO CPS
Description:	Can’t write pre-R2.7.0 CM200/300 archive to R2.7.0 if the value of “General Setting/Min Speaker Volume Level(dB)” is bigger than 9 in the archive file.

Workarounds: Set Min Speaker Volume Level to be less than 9 dB before program that archive to R2.7.0.

Issue Number: CCMPD02116666

System/Product: XPR7000e/SLR7000e

Description: No Movement Mandown Pre-Alert may be cancelled if the radio receives a call/alert and the Vibration Style is Medium and the radio is placed on a hard surface.

Workarounds: Set Vibration Style to Short or do not use Vibration with Mandown

Issue Number: CCMPD02105489

System/Product: Connect Plus/XPR7000 radios with TW200 Sprite Accessory

Description: Cannot enter Quick Text Menu while TW200 Sprite is doing data call and quick text is longer than 103 characters.

Workarounds: Set quick text to be shorter than 103 characters.

Issue Number: CCMPD02038621

System/Product: Connect Plus/XPR5000

Description: Toggling Horn and Light setting via both Menu and Programmable Button will result in a mismatch of the status.

Workarounds: Use only Programmable Button to toggle Horn and Light setting in Connect Plus mode.

Resolved issues in product release

Resolved issues are the known product problems that were reported in products releases, but have now been fixed or closed.

Defect ID	Release Introduced	Product	Headline
CCMPD02128797	R2.7	Repeater SLR 5000/8000	Wide area calls not processing on all sites when more than 4 groups key up simultaneously
CCMPD02108869	R2.7	Repeater SLR 5000/8000	Repeater stops repeating voice in Slot 1 after several hours. EGPS on slot 2 continues.
CCMPD02128902	R2.7	Repeater SLR 5000/8000	LCP- Multiple radios are unable to access system; "bonks"
CCMPD02121383	R2.7.1	Subscriber	XPR5000, XPR5000e series and XPR 2500 Mobiles with R2.7.1 firmware will not transmit & fail TX FSK tests
CCMPD02114537	R2.7.1	CPS 14.0	CPS14 Cannot read/open Archive Codeplugs when the codeplug version is prior to R2.3 release.
CCMPD02056000	R2.6	Capacity Max/System Advisor	When using multiple Custom Views in Network Database, Properties may disappear from the wizard window used to create/modify custom view.
CCMPD02071967	R2.6	Capacity Max/System Advisor	Licensing failure after restoring System Advisor database.
CCMPD02002282	R2.6	Connect Plus Network manager	Network Manager doesn't clear "Package Data Call" from Real Time Display after control channels disabled.
CCMPD02054710	R2.6	XRI Network Manager	XRI configuration windows Close button does not work without all fields being complete
CCMPD02058542	R2.6	XRI	XRI fails when allowing the monitor user role to change network settings.
CCMPD02065956	R2.6	CP-CPS	OLH does not include configuration details and options for Emergency Enhancement.

C3: 24718462 / CCMPD02077184	R2.3	Repeater XPR 8400	XPR8400 in IPSC Repeater locking when impolite SU starts call and there is another call ending at the same time.
C3: 24812776 / CCMPD02070039	R2.4B	Repeater MTR3000	MTR3000 lock up in Capacity Plus-Digital Voting
C3: 24771980 / CCMPD02063916	R2.3	Connect Plus XRC9100	Radios not registering to XRC
C3: 24725746 / CCMPD02085441	R2.3	Repeater MTR3000	Capacity Plus experiences delayed and garbled audio.
C3: 24900512 / C3: 25015921 / CCMPD02102795	R2.6	Repeater SLR 5000	SLR5000 Repeater intermittently is keying up on its own
C3: 24984591/ CCMPD02092520	R2.3	Repeater XPR8400	Football Knockdown does not work on XPR8400
C3: 25007814 / C3: 25013546 / CCMPD02096175	R2.0.5	Repeater	Smart PTT Sends Disconnected Alarms Regularly if calls initiated frequently and rest repeater keep changing.
C3: 24891266 / CCMPD02095407	R2.6	Repeater	Repeater reboots randomly on firmware 2.6.0.7 during a data call.
C3: 25093913 / CCMPD02108298	R2.6	Repeater SLR 5000/8000	Capacity Plus Multisite Data Revert Repeater Fails to Communicate on Network
TFS00084456	R2.6	All/Radio Management	Manual Site Roam and Site lock Voice Announcements are not supported in Capacity Max.
TFSPD00077656	R2.6	All/Radio Management	When connecting a Job Processor to the RM server for the 1st time, the one-time password field is not always refreshed after connecting successfully. After several failed attempts at connecting with the one-time password, Password field will not show "REGISTERED" after a successful connection.
TFS00080301	R2.6	Capacity Max/Radio Management	An "Analyze" error occur when a Capacity Max Site Selection set is added before the Capacity Max System Set is created
TFS00080208	R2.6	Capacity Max/Radio Management	Radio Management allows the user to save a configuration with no channels defined or all channels removed. If the user tries to write this configuration to a radio, an analyze error will occur.
TFSPD00081483	R2.6	Capacity Max/Radio Management	When upgrading from a previous version of the Radio Management Server, the Radio Management licenses are not transferred.
TFS00079935	R2.6	All (except Capacity Max)/CPS	In the standalone CPS, error #1089 occurs when attempting to program the new archive w/ DNS address configured to SLR5000 Series repeaters from the previous customer release.
TFS00080250	R2.6	All/Radio Management	Cannot delete all Voice Announcements and /or language packs via Wi-Fi Write Job. No error prompts.
TFS00080889		All/Radio Management	When upgrading XPR7000 CSA radio from R02.50.05, the value for "Digital Mic Gain" does not get reset to the default value. The value stays the same as it was before the upgrade.
C3: 25124822 CCMPD02107811/ CCMPD02109221	R2.6	Subscriber	XPR7550e falling asleep - radio does not unmute to call when RX radios directly co-located; radio takes several seconds to recover
C3: 25087700 CCMPD02104018	R2.6	Subscriber	[Telcom S A (Iberia)] Talk Permit Tone volume level in 2.6.5
C3: 25077321 CCMPD02103547	R2.0	Subscriber	2.0/2.5 series radios with 2.6 FW ver. using Scholer-Johnson OB programming will reset when in Scan
C3: 25018001 RFC: 25064839 CCMPD02096168	R2.0	Subscriber	XPR5350_Purosky & Tuckerman_Will not Alert Two Second Page Unless a Button is Pressed
CCMPD02058968	R2.6	Subscriber	If two radios try to talk back to the same talkgroup call at the same time, the one radio will only get the Tx denied tone after 4 seconds instead of normal 1second.
CCMPD02060763	R2.6	Subscriber	The Radio can't show full alias when the radio fails in affiliation when the alias is too long for a single screen (scrolling does not occur).

CCMPD02058713	R2.6	Subscriber	Subscriber will sound Site Trunking Tone and screen will refresh from 'Site Trunking' screen to 'Registering' screen and then 'Site Trunking' screen every 30 seconds.
CCMPD02084909	R2.6.5	Subscriber	If Password Lock is enabled in Timor, there is no Programming LED Indicator on the radio in the following scenarios, <ul style="list-style-type: none"> • No LED indication upon connected to Radio Management (RM) when radio is in password input state. • No LED indication upon power cycle and entering password input state after radio is being programmed.
CCMPD02060763	R2.6	Subscriber	If talkgroup affiliation fails, the screen may not display the entire message. A long Unified Key Pad (UKP) alias will scroll once and then get stuck. The expected behavior would be continuous autoscroll for long UKP alias.
CCMPD02114821	R2.6	Subscriber	XPR7550e_Northeastcom_Intermittent No RX in Analog when using battery saver mode in the presence of a strong adjacent interference.
CCMPD02109662	R2.6	Subscriber	[Electcom] XPR7000 and XPR5000 high pitch is heard at the start of a conversation