



## PRI Customer Release Notes

EM7565, EM7511, EM7411, EM7421, EM7421B,  
EM7431, MC7411, MC7421, MC7431

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Corporate and product information	Web: <a href="http://sierrawireless.com">sierrawireless.com</a>

## Revision History

Revision number	Release date	Changes
1.0	April 28, 2018	Creation
1.1	May 18, 2018	Updated Generic GCF to Release 10
1.2	June 26, 2018	Updated EM7565 Generic GCF to Release 11 Added EM7511 PTCRB for Release 10 Added EM7511 GCF for Release 11
1.3	July 26, 2018	Added EM7565 Release 9 PTCRB and Release 9.1 GCF
1.4	September 25, 2018	Updated GCF and PTCRB to Release 12 and 11 Added update to remove Sierra Sub-PRI Added EM7511 AT&T Initial TA
1.5	November 23, 2018	Added EM7511/7565 Verizon TA with Release 12 Added EM7565 ATT TA with Release 11
1.6	February 27, 2018	Build 4916: Updated AT&T and Verizon PRIs. Updated Generic PRI to include PTCRB approved
1.7	June 20, 2019	Build 4949: Added Generic Release 13 GCF Approved Added EM7565 DOCOMO Initial TA Added EM7565 SoftBank Initial TA Added EM7511 Telus Initial TA Added EM7511/EM7565 Sprint Initial TA
1.8	July 18, 2019	Updated Sprint Carrier PRI version Added EM7565 Telus TA

Revision number	Release date	Changes
1.9	November 8, 2019	Build 5019: Updated EM7565/EM7511 Generic Release 14 GCF Approved Updated EM7565/EM7511 Generic Release 12 Added EM7565 KDDI TA Added EM7565 Telstra TA Added EM7565 US-Cellular TA Added EM7511 Rogers TA Updated EM7565/EM7511 Verizon PRI
1.10	December 12, 2019	Added EM7511 US-Cellular TA
1.11	November 20, 2020	Added EM7511/7565 Verizon TA with Release 15 Added EM7511/EM7565 Generic Release 15 GCF and PTCRB Approved Added EM7511/7565 AT&T TA with Release 15 Added EM7511/7565 T-Mobile TA with Release 15
1.12	January 8, 2021	Added EM7511/7565 Sierra Limited CA for US with Release 15 Added EM7411 Generic Release 16 GCF and PTCRB Approved Added EM7421/EM7431/MC7421/MC7431 Generic Release 16 GCF Approved Added EM7411 AT&T TA with Release 16 Added EM7411 T-Mobile TA with Release 16 Added EM7565 DT TA with Release 17 Added EM7565 KT TA with Release 18
1.13	May 17, 2021	Added MC7411 GCF and PTCRB, AT&T and T-Mobile TA with Release 16 Added MC7411/EM7411 US Cellular carrier approved with Release 16 Added EM7431 SoftBank and DOCOMO Carrier approved with Release 16 Added EM7411/MC7411 Verizon TA with Release 19
1.14	July 5, 2021	Added EM7431/MC7431 KDDI Carrier approved with Release 16 Added EM7411/MC7411 Telus Carrier approved with Release 16 Added EM7421 KT TA with Release 18
1.15	November 9, 2021	Updated bootloader in supported PRIs to add support for new flash memory ID and anti-rollback mechanism Removed unsupported PRI entries from EM/MC74x1 and EM75xx tables
1.16	April 7, 2022	Added EM7411/ MC7411/EM7565/EM7511 GCF, PTCRB, and AT&T TA with Release 20 Updated EM/MC74x1/ EM7565/ EM7511 carrier aggregation Updated SIM matching table on T-Mobile carrier PRI
1.17	August 2022	Updated EM7421B, EM7421, MC7421 GENERIC GCF approved with Release 20 Updated EM7511, EM7565 SIERRA Carrier approved with Release 20
1.18	October 2022	Added EM7411/ MC7411/EM7565/EM7511 Verizon TA with Release 21 Added Rogers TA with Release 20
1.19	May 2023	Updated EM7411, MC7411, EM7511, EM7565 Carrier approved with Release 21.1
1.20	August 2023	Added EM7411, MC7411 Rogers Carrier approved with Release 16
1.21	August 2023	Updated EM7421, MC7421, EM7431, MC7431 GENERIC GCF approved with Release 21.1

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Revision number	Release date	Changes
1.22	December 2023	Updated EM7565, EM7511, EM7411, MC7411 Verizon approved with Release 21.2
1.23	February 2024	Updated EM7565 and EM7511 CA combo tables (downlink and uplink)
1.24	May 2024	Updated EM7411, MC7411, EM7511, and EM7565 Generic Release 21.1 Updated EM7411, MC7411, EM7421, MC7421, EM7431, and MC7431 Generic Release 16 Updated EM7411 and MC7411 — Rogers and TMO Release 21.1 Updated EM7511 — TMO Release 21.1
1.25	July 2024	Added EM7431 Generic, SoftBank, KDDI, Docomo Release 16.2
1.26	September 2024	Updated EM7565 under Telstra 9908610
1.27	September 2024	Updated EM7411, EM7511, MC7411 with 002.020_001
1.28	December 2024	Added EM7431 Generic, SoftBank, KDDI, Docomo Release 21.3
1.29	April 2025	Updated EM7565 and EM7511 Generic 9907259
1.30	June 2025	Added Bell for EM7411
1.31	December 2025	Added TMO 002.020_002 to EM7511, EM7411, MC7411

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# 1: Introduction

## 1.1 Document Scope

This document describes changes in the SWI9X50C line of configuration files.

## 1.2 Document Audience

This release note may be distributed to all direct and indirect customers and will be posted on the corporate web site under the Support/Private area.

## 1.3 Abbreviations and Definitions

Abbreviation/ Acronym	Definitions
AT	Access Terminal, Attention
BIST	Built In Self Test
FOTA	Firmware Over The Air
FTM	Factory Test Mode
IMS	IP Multimedia Subsystem, Internet Multimedia System
IMSW	Image Switch
MBIM	Mobile Broadband Interface Model
OMADM	OMA Device Management
OoS	Out of Service
PC	Power Control
PDN	Packet Data Network
QMI	Qualcomm MSM Interface, Qualcomm Modem Interface
SMS	Short Message Service
UI	User Interface

## 1.4 Related Documentation

Ref. #	Doc. #	Rev.	Document title
1	41110788	8.0	EM7565 Product Technical Specification
2	41112028	4.0	EM7511 Product Technical Specification
3	41110878	1.23	SWI9X50C CRN

## 2: Generic

### 2.1 Generic 9907259

#### 2.1.1 EM7565

Configuration	ID	Description
002.059_002	OEMPRI-32609	Cell_barring set to 5 seconds.
002.059_001	OEMPRI-30792	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF and PTCRB approved Updated TS.25 list
002.048_000	OEMPRI-23275	Release with SWI9X50C_01.14.13.00 GCF and PTCRB approved
002.035_003	OEMPRI-19777	Updated FW to SWI9X50C_01.14.02.00 GCF and PTCRB approved Updated PRI from 002.035_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.023_002	OEMPRI-20056	Updated FW to SWI9X50C_01.11.00.00 GCF approved Updated PRI from 002.023_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.012_005	OEMPRI-20063	Enabled Split FGI feature for FDD and TDD on SWI9X50C_01.08.04.00. Updated PRI from 002.012_001 to add bootloader support for new flash memory ID and anti-rollback mechanism.
002.012_004	OEMPRI-19974	Updated FW to SWI9X50C_01.08.04.00 GCF approved and PTCRB approved. Updated PRI from 002.012_000 to add bootloader support for new flash memory ID and anti-rollback mechanism.

## 2.1.2 EM7511

Configuration	ID	Description
002.059_002	OEMPRI-32609	Cell_barring set to 5 seconds.
002.059_001	OEMPRI-30792	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF and PTCRB approved Updated TS.25 list
002.048_000	OEMPRI-23275	Release with SWI9X50C_01.14.13.00 GCF and PTCRB approved
002.035_003	OEMPRI-19777	Updated FW to SWI9X50C_01.14.02.00 PTCRB and GCF approved Updated PRI from 002.035_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.023_002	OEMPRI-20056	Updated FW to SWI9X50C_01.11.00.00 GCF approved Updated PRI from 002.023_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.019_001	OEMPRI-20800	Updated FW to SWI9X50C_01.09.04.00 GCF approved Updated PRI from 002.019_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.012_004	OEMPRI-19974	Updated FW to SWI9X50C_01.08.04.00 GCF approved and PTCRB approved Updated PRI from 002.012_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.004_004	OEMPRI-19829	Removed Sierra sub-PRI GCF and PTCRB approved Updated PRI from 002.004_001 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.004_005	OEMPRI-20119	Updated FW to SWI9X50C_01.07.02.00. GCF approved Updated PRI from 002.004_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.1.3 EM7411

Configuration	ID	Description
002.059_001	OEMPRI-30792	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF and PTCRB approved Updated TS.25 list
002.048_000	OEMPRI-23275	Release with SWI9X50C_01.14.13.00 GCF and PTCRB approved
002.036_013	OEMPRI-30606	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.036_012	OEMPRI-29351	Updated PRI to add "backoff algorithm fix"
002.036_010	OEMPRI-19964	Initial Release with SWI9X50C_01.14.03.00 GCF and PTCRB approved Updated PRI from 002.036_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.036_009	OEMPRI-19855	Release with SWI9X50C_01.14.03.00 Enabled LTE R11 feature with ss-CCH-InterfHandl-r11 Updated PRI from 002.036_001 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.1.4 EM7421

Configuration	ID	Description
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF approved Updated TS.25 list
002.048_000	OEMPRI-23275	Release with SWI9X50C_01.14.13.00 GCF approved
002.036_013	OEMPRI-30606	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.036_012	OEMPRI-29351	Updated PRI to add "backoff algorithm fix"
002.036_010	OEMPRI-19964	Initial Release with SWI9X50C_01.14.03.00. GCF approved Updated PRI from 002.036_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.036_009	OEMPRI-19855	Release with SWI9X50C_01.14.03.00 Enabled LTE R11 feature with ss-CCH-InterfHandl-r11 Updated PRI from 002.036_001 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.1.5 EM7421B

Configuration	ID	Description
002.048_000	OEMPRI-23275	Initial Release with SWI9X50C_01.14.13.00 GCF approved

## 2.1.6 EM7431

Configuration	ID	Description
002.063_000	OEMPRI-31836	Update firmware to SWI9X50C_01.14.25.01
002.036.015	OEMPRI-31128	Release with SWI9X50C_01.14.03.09
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF approved Updated TS.25 list
002.036_013	OEMPRI-30606	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.036_012	OEMPRI-29351	Updated PRI to add "backoff algorithm fix"
002.036_010	OEMPRI-19964	Initial Release with SWI9X50C_01.14.03.00. GCF approved Updated PRI from 002.036_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.036_009	OEMPRI-19855	Release with SWI9X50C_01.14.03.00. Enabled LTE R11 feature with ss-CCH-InterfHandl-r11 Updated PRI from 002.036_001 to add bootloader support for new flash memory ID and anti-rollback mechanism.

## 2.1.7 MC7411

Configuration	ID	Description
002.059_001	OEMPRI-30792	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF and PTCRB approved Updated TS.25 list
002.048_000	OEMPRI-23275	Release with SWI9X50C_01.14.13.00 GCF and PTCRB approved
002.036_013	OEMPRI-30606	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.036_012	OEMPRI-29351	Updated PRI to add "backoff algorithm fix"

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Configuration	ID	Description
002.036_010	OEMPRI-19964	Initial Release with SWI9X50C_01.14.03.00. GCF approved Updated PRI from 002.036_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.036_009	OEMPRI-19855	Release with SWI9X50C_01.14.03.00 Enabled LTE R11 feature with ss-CCH-InterfHandl-r11 Updated PRI from 002.036_001 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.1.8 MC7421

Configuration	ID	Description
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF approved Updated TS.25 list
002.048_000	OEMPRI-23275	Release with SWI9X50C_01.14.13.00 GCF approved
002.036_013	OEMPRI-30606	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.036_012	OEMPRI-29351	Updated PRI to add "backoff algorithm fix"
002.036_010	OEMPRI-19964	Initial Release with SWI9X50C_01.14.03.00. GCF approved Updated PRI from 002.036_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.036_009	OEMPRI-19855	Release with SWI9X50C_01.14.03.00 Enabled LTE R11 feature with ss-CCH-InterfHandl-r11 Updated PRI from 002.036_001 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.1.9 MC7431

Configuration	ID	Description
002.057_000	OEMPRI-26790	Release with SWI9X50C_01.14.22.00 GCF approved Updated TS.25 list
002.036_013	OEMPRI-30606	Updated PRI for requirement to disable GEA1 and GEA2 algorithms.
002.036_012	OEMPRI-29351	Updated PRI to add "backoff algorithm fix"
002.036_010	OEMPRI-19964	Initial Release with SWI9X50C_01.14.03.00. GCF approved Updated PRI from 002.036_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.036_009	OEMPRI-19855	Release with SWI9X50C_01.14.03.00 Enabled LTE R11 feature with ss-CCH-InterfHandl-r11 Updated PRI from 002.036_001 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.2 AT&T 9907258

### 2.2.1 EM7565

Configuration	ID	Description
002.071_001	OEMPRI-28160	Updated FW to SWI9X50C_01.14.22.00 Carrier approved Updated TS.25 list Disabled AT&T LwM2M in the default
002.062_000	OEMPRI-23499	Updated FW to SWI9X50C_01.14.13.00 Carrier approved
002.047_002	OEMPRI-19779	Updated FW to SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.047_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.008_012	OEMPRI-19828	Updated FW to SWI9X50C_01.07.02.00 Carrier approved Display "FirstNet" alpha tag to the host instead of 313-100 Updated PRI from 002.008_004 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.2.2 EM7511

Configuration	ID	Description
002.071_001	OEMPRI-28160	Updated FW to SWI9X50C_01.14.22.00 Carrier approved Updated TS.25 list Disabled AT&T LwM2M in the default
002.062_000	OEMPRI-23499	Updated FW to SWI9X50C_01.14.13.00 Carrier approved
002.047_002	OEMPRI-19779	Updated FW to SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.047_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.008_012	OEMPRI-19828	Display "FirstNet" alpha tag to the host instead of 313-100 Carrier approved Updated PRI from 002.008_004 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.2.3 EM7411

Configuration	ID	Description
002.071_001	OEMPRI-28160	Updated FW to SWI9X50C_01.14.22.00 Carrier approved Updated TS.25 list Disabled AT&T LwM2M in the default
002.062_000	OEMPRI-23499	Updated FW to SWI9X50C_01.14.13.00 Carrier approved
002.048_006	OEMPRI-19818	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.048_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.2.4 MC7411

Configuration	ID	Description
002.071_001	OEMPRI-28160	Updated FW to SWI9X50C_01.14.22.00 Carrier approved Updated TS.25 list Disabled AT&T LwM2M in the default
002.062_000	OEMPRI-23499	Updated FW to SWI9X50C_01.14.13.00 Carrier approved
002.048_006	OEMPRI-19818	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.048_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.3 DOCOMO 9908609

### 2.3.1 EM7565

Configuration	ID	Description
002.015_002	OEMPRI-19902	Initial Release with SWI9X50C_01.09.04.00 Carrier approved Updated PRI from 002.015_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.3.2 EM7431

Configuration	ID	Description
002.049_000	OEMPRI-31838	Update Firmware to SWI9X50C_01.14.25.01
002.030_006	OEMPRI-31133	Updated FW to SWI9X50C_01.14.03.09
002.030_003	OEMPRI-20041	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.030_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.3.3 MC7431

Configuration	ID	Description
002.030_003	OEMPRI-20041	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.030_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.4 KDDI 9908608

### 2.4.1 EM7565

Configuration	ID	Description
002.018_002	OEMPRI-19930	Initial Release with SWI9X50C_01.09.04.00 Carrier approved Updated PRI from 002.018_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.4.2 EM7431

Configuration	ID	Description
002.051_000	OEMPRI-31839	Update Firmware to SWI9X50C_01.14.25.01
002.032_005	OEMPRI-31132	Release with SWI9X50C_01.14.03.09
002.032_003	OEMPRI-20038	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.032_001 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.4.3 MC7431

Configuration	ID	Description
002.032_003	OEMPRI-20038	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.032_001 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.5 Rogers 9909482

### 2.5.1 EM7565

Configuration	ID	Description
002.011_001	OEMPRI-21600	Initial Release with SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.011_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.5.2 EM7511

Configuration	ID	Description
002.021_000	OEMPRI-23291	Release with SWI9X50C_01.14.13.00 Carrier approved

Configuration	ID	Description
002.011_001	OEMPRI-21600	Release with SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.011_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.000_002	OEMPRI-20118	Initial Release with SWI9X50C_01.07.02.00 Carrier approved Updated PRI from 002.000_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.5.3 EM7411

Configuration	ID	Description
002.028_001	OEMPRI-30684	Release with SWI9X50C_01.14.22.00 Carrier approved Updated PRI to add "backoff algorithm fix"
002.013_001	OEMPRI-21494	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.013_000 to add bootloader support for new flash memory ID, anti-rollback mechanism, and support temporary FPLMN Back-off

### 2.5.4 MC7411

Configuration	ID	Description
002.028_001	OEMPRI-30684	Release with SWI9X50C_01.14.22.00 Carrier approved Updated PRI to add "backoff algorithm fix"
002.013_001	OEMPRI-21494	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.013_000 to add bootloader support for new flash memory ID, anti-rollback mechanism, and support temporary FPLMN Back-off

## 2.6 SoftBank 9908607

### 2.6.1 EM7565

Configuration	ID	Description
002.017_002	OEMPRI-19901	Initial Release with SWI9X50C_01.09.04.00 Carrier approved Updated PRI from 002.017_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.6.2 EM7431

Configuration	ID	Description
002.051_000	OEMPRI-31837	Update Firmware to SWI9X50C_01.14.25.01
002.031_007	OEMPRI-31130	Release with SWI9X50C_01.14.03.09
002.031_005	OEMPRI-20031	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.031_003 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.6.3 MC7431

Configuration	ID	Description
002.031_005	OEMPRI-20031	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.031_003 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.7 Sprint 9909446

### 2.7.1 EM7565

Configuration	ID	Description
000.001_003	OEMPRI-19903	Release with SWI9X50C_01.08.04.00 Updated PRI from 000.001_001 to add bootloader support for new flash memory ID and anti-rollback mechanism Corrected the NV that keeps SIM powered off after pairing & locking failure. The previous PRI was setting an incorrect NV

### 2.7.2 EM7431

Configuration	ID	Description
000.001_003	OEMPRI-19903	Release with SWI9X50C_01.08.04.00 Updated PRI from 000.001_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.8 Telstra 9908610

### 2.8.1 EM7565

Configuration	ID	Description
002.034_000	OEMPRI-26785	Release with SWI9X50C_01.14.22.00 Carrier approved
002.007_002	OEMPRI-19929	Initial Release with SWI9X50C_01.11.00.00 Carrier approved Updated PRI from 002.007_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.9 Telus 9909335

### 2.9.1 EM7565

Configuration	ID	Description
001.000_002	OEMPRI-19940	Initial Release with SWI9X50C_01.07.02.00 Carrier approved Updated PRI from 001.000_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.9.2 EM7511

Configuration	ID	Description
001.000_002	OEMPRI-19940	Initial Release with SWI9X50C_01.07.02.00 Carrier approved Updated PRI from 001.000_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.9.3 EM7411

Configuration	ID	Description
001.013_003	OEMPRI-20785	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 001.013_002 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.9.4 MC7411

Configuration	ID	Description
001.013_003	OEMPRI-20785	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 001.013_002 to add bootloader support for new flash memory ID and anti-rollback mechanism.

## 2.10 US-Cellular 9909700

### 2.10.1 EM7565

Configuration	ID	Description
002.000_001	OEMPRI-20787	Initial Release with SWI9X50C_01.08.04.00 Carrier approved Updated PRI from 002.000_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

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## 2.10.2 EM7511

Configuration	ID	Description
002.000_001	OEMPRI-20787	Initial Release with SWI9X50C_01.08.04.00 Carrier approved Updated PRI from 002.000_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.10.3 EM7411

Configuration	ID	Description
002.011_001	OEMPRI-20784	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.011_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.10.4 MC7411

Configuration	ID	Description
002.011_001	OEMPRI-20784	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.011_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.11 Verizon 9907257

### 2.11.1 EM7565

Configuration	ID	Description
002.064_000	OEMPRI-29886	Release with SWI9X50C_01.14.24.00 Carrier approved
002.058_000	OEMPRI-25806	Release with SWI9X50C_01.14.20.00 Carrier approved
002.045_005	OEMPRI-19817	Updated FW to SWI9X50C_01.14.07.00 Carrier approved Updated PRI from 002.045_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.039_002	OEMPRI-19778	Updated FW to SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.039_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.015_008	OEMPRI-20059	Release with SWI9X50C_01.08.04.00 Carrier approved Updated PRI from 002.015_002 to add bootloader support for new flash memory ID and anti-rollback mechanism Removed ICCIDs that do not belong to Verizon for Auto Carrier Switching Enabled persistence on APN related files to support private APN across image switch

## 2.11.2 EM7511

Configuration	ID	Description
002.064_000	OEMPRI-29886	Release with SWI9X50C_01.14.24.00 Carrier approved
002.058_000	OEMPRI-25806	Release with SWI9X50C_01.14.20.00 Carrier approved
002.045_005	OEMPRI-19817	Updated FW to SWI9X50C_01.14.07.00 Carrier approved Updated PRI from 002.045_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.039_002	OEMPRI-19778	Updated FW to SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.039_000 to add bootloader support for new flash memory ID and anti-rollback mechanism
002.015_008	OEMPRI-20059	Release with SWI9X50C_01.08.04.00 Carrier approved Updated PRI from 002.015_002 to add bootloader support for new flash memory ID and anti-rollback mechanism Removed ICCIDs that do not belong to Verizon for Auto Carrier Switching Enabled persistence on APN related files to support private APN across image switch

### 2.11.3 EM7411

Configuration	ID	Description
002.064_000	OEMPRI-29886	Release with SWI9X50C_01.14.24.00 Carrier approved
002.058_000	OEMPRI-25806	Release with SWI9X50C_01.14.20.00 Carrier approved
002.045_005	OEMPRI-19817	Initial Release with SWI9X50C_01.14.07.00 Carrier approved Updated PRI from 002.045_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.11.4 MC7411

Configuration	ID	Description
002.064_000	OEMPRI-29886	Release with SWI9X50C_01.14.24.00 Carrier approved
002.058_000	OEMPRI-25806	Release with SWI9X50C_01.14.20.00 Carrier approved
002.045_005	OEMPRI-19817	Initial Release with SWI9X50C_01.14.07.00 Carrier approved Updated PRI from 002.045_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.12 T-Mobile 9910108

### 2.12.1 EM7565

Configuration	ID	Description
002.003_003	OEMPRI-24083	Updated SIM matching table.
002.003_002	OEMPRI-19928	Initial Release with SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.003_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.12.2 EM7511

Configuration	ID	Description
002.020_002	OEMPRI-34850	TMO profile APN type set to IPV4V6
002.020_001	OEMPRI-31313	Updated IIN in SIM matching list.
002.020_000	OEMPRI-26785	Release with SWI9X50C_01.14.22.00 Carrier approved
002.003_003	OEMPRI-24083	Updated SIM matching table.
002.003_002	OEMPRI-19928	Initial Release with SWI9X50C_01.14.02.00 Carrier approved Updated PRI from 002.003_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.12.3 EM7411

Configuration	ID	Description
002.020_002	OEMPRI-34850	TMO profile APN type set to IPV4V6
002.020_001	OEMPRI-31313	Updated IIN in SIM matching list.
002.020_000	OEMPRI-26785	Release with SWI9X50C_01.14.22.00 Carrier approved
002.005_004	OEMPRI-24084	Updated SIM matching table.
002.005_003	OEMPRI-19900	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.005_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.12.4 MC7411

Configuration	ID	Description
002.020_002	OEMPRI-34850	TMO profile APN type set to IPV4V6
002.020_001	OEMPRI-31313	Updated IIN in SIM matching list.
002.020_000	OEMPRI-26785	Release with SWI9X50C_01.14.22.00 Carrier approved
002.005_004	OEMPRI-24084	Updated SIM matching table.
002.005_003	OEMPRI-19900	Initial Release with SWI9X50C_01.14.03.00 Carrier approved Updated PRI from 002.005_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.13 Sierra 9908789

### 2.13.1 EM7565

Configuration	ID	Description
002.033_000	OEMPRI-23291	Release with SWI9X50C_01.14.13.00 Carrier approved
002.023_001	OEMPRI-20786	Initial Release with SWI9X50C_01.14.02.00 Carrier with Limited CA for US approved Updated PRI from 002.023_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.13.2 EM7511

Configuration	ID	Description
002.033_000	OEMPRI-23291	Release with SWI9X50C_01.14.13.00 Carrier approved
002.023_001	OEMPRI-20786	Initial Release with SWI9X50C_01.14.02.00 Carrier with Limited CA for US approved Updated PRI from 002.023_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.14 DT 9910141

### 2.14.1 EM7565

Configuration	ID	Description
002.007_001	OEMPRI-20777	Initial Release with SWI9X50C_01.14.04.00 Carrier approved Updated PRI from 002.007_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.15 KT 9909846

### 2.15.1 EM7565

Configuration	ID	Description
002.016_004	OEMPRI-20779	Initial Release with SWI9X50C_01.14.05.00 Carrier approved Updated PRI from 002.016_000 to add bootloader support for new flash memory ID and anti-rollback mechanism

### 2.15.2 EM7421

Configuration	ID	Description
002.016_005	OEMPRI-20783	Initial Release with SWI9X50C_01.14.05.00 Carrier approved Updated PRI from 002.016_003 to add bootloader support for new flash memory ID and anti-rollback mechanism

## 2.16 Bell 9909506

### 2.16.1 EM7411

Configuration	ID	Description
000.026_002	OEMPRI-32724	Release with SWI9X50C_01.14.22.00 Accepted by Bell for carrier certifications

## 3: Carrier Aggregation Support

### 3.1 EM7565

Table 3-1: Supported Downlink Carrier Aggregations – EM7565

DL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_1A-3A	Y		Y		Y	Y	Y	Y	Y		Y	Y	
CA_1A-7A-7A	Y					Y	Y	Y	Y		Y		
CA_1A-3A-5A	Y						Y	Y	Y		Y		
CA_1A-5A	Y						Y	Y	Y		Y		
CA_1A-3A-7A	Y					Y	Y	Y	Y		Y	Y	
CA_1A-7A	Y					Y	Y	Y	Y		Y	Y	
CA_1A-3A-8A	Y				Y		Y	Y	Y		Y	Y	
CA_1A-18A	Y			Y			Y	Y	Y		Y		
CA_1A-3A-19A	Y		Y				Y	Y	Y		Y		
CA_1A-19A	Y		Y				Y	Y	Y		Y		
CA_1A-3A-20A	Y						Y	Y	Y		Y	Y	
CA_1A-20A	Y						Y	Y	Y		Y	Y	
CA_1A-5A-7A	Y						Y	Y	Y		Y		
CA_1A-26A	Y			Y			Y	Y			Y		
CA_1A-7A-20A	Y						Y	Y	Y		Y	Y	
CA_1A-28A	Y			Y		Y	Y	Y	Y		Y		

**Table 3-1: Supported Downlink Carrier Aggregations – EM7565 (Continued)**

DL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_1A-41A	Y			Y			Y	Y			Y		
CA_2A-2A	Y	Y					Y	Y	Y	Y	Y		
CA_2A-4A	Y	Y					Y	Y	Y	Y	Y		
CA_2A-2A-5A	Y	Y					Y	Y	Y	Y	Y		
CA_2A-4A-5A	Y	Y					Y	Y	Y	Y	Y		
CA_2C	Y						Y	Y	Y	Y	Y		
CA_2A-7A	Y						Y	Y	Y		Y		
CA_2A-2A-12A	Y	Y					Y	Y	Y		Y		
CA_2A-4A-7A	Y						Y	Y	Y		Y		
CA_2A-12A	Y	Y					Y	Y	Y		Y		
CA_2A-2A-13A	Y						Y	Y	Y	Y	Y		
CA_2A-4A-12A	Y	Y					Y	Y	Y		Y		
CA_2A-13A	Y						Y	Y	Y	Y	Y		
CA_2A-7A-7A	Y						Y	Y	Y		Y		
CA_2A-4A-13A	Y						Y	Y	Y	Y	Y		
CA_2A-29A	Y	Y					Y	Y	Y		Y		
CA_2A-66A-66A	Y						Y	Y		Y	Y		
CA_2A-4A-29A	Y						Y	Y	Y		Y		
CA_2A-30A	Y	Y					Y	Y			Y		
CA_2A-66B	Y						Y	Y		Y	Y		
CA_2A-12A-30A	Y	Y					Y	Y			Y		

Table 3-1: Supported Downlink Carrier Aggregations – EM7565 (Continued)

DL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_2A-46A	Y	Y					Y	Y	Y		Y		
CA_2A-66C	Y						Y	Y		Y	Y		
CA_2A-13A-66A	Y						Y	Y		Y	Y		
CA_2A-66A	Y						Y	Y		Y	Y		
CA_2A-29A-30A	Y						Y	Y	Y		Y		
CA_3A-3A	Y					Y	Y	Y	Y		Y	Y	
CA_3A-5A	Y						Y	Y	Y		Y		
CA_3A-3A-7A	Y					Y	Y	Y	Y		Y	Y	
CA_3A-7A-20A	Y						Y	Y	Y		Y	Y	
CA_3C	Y		Y			Y	Y	Y	Y		Y	Y	
CA_3A-7A	Y					Y	Y	Y	Y		Y	Y	
CA_3C-5A	Y						Y	Y	Y		Y		
CA_3A-8A	Y				Y	Y	Y	Y	Y		Y	Y	Y
CA_3A-7B	Y					Y	Y	Y	Y		Y		
CA_3A-19A	Y		Y				Y	Y	Y		Y		
CA_3A-7C	Y					Y	Y	Y	Y		Y	Y	
CA_3A-20A	Y						Y	Y	Y		Y	Y	
CA_3A-7A-7A	Y					Y	Y	Y	Y		Y	Y	
CA_3A-41A	Y				Y		Y	Y			Y		
CA_3C-7A	Y					Y	Y	Y	Y		Y		
CA_3C-20A	Y						Y	Y	Y		Y	Y	

**Table 3-1: Supported Downlink Carrier Aggregations – EM7565 (Continued)**

DL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_3A-41C	Y				Y		Y	Y			Y		
CA_4A-4A	Y	Y					Y	Y	Y	Y	Y		
CA_4A-5A	Y	Y					Y	Y	Y	Y	Y		
CA_4A-4A-5A	Y	Y					Y	Y	Y	Y	Y		
CA_4A-5A-30A	Y	Y					Y	Y	Y		Y		
CA_4A-7A	Y						Y	Y	Y		Y		
CA_4A-4A-12A	Y	Y					Y	Y	Y		Y		
CA_4A-7A-12A	Y						Y	Y	Y		Y		
CA_4A-12A	Y	Y					Y	Y	Y		Y		
CA_4A-4A-13A	Y						Y	Y	Y	Y	Y		
CA_4A-12A-30A	Y	Y					Y	Y	Y		Y		
CA_4A-13A	Y						Y	Y	Y	Y	Y		
CA_4A-4A-30A	Y	Y					Y	Y	Y		Y		
CA_4A-29A-30A	Y	Y					Y	Y	Y		Y		
CA_4A-29A	Y	Y					Y	Y	Y		Y		
CA_4A-7A-7A	Y						Y	Y	Y		Y		
CA_4A-4A-13A	Y						Y	Y	Y	Y	Y		
CA_4A-12A-30A	Y	Y					Y	Y	Y		Y		
CA_4A-13A	Y						Y	Y	Y	Y	Y		
CA_5A-66C	Y						Y	Y	Y	Y	Y		
CA_5A-30A-66A	Y	Y					Y	Y			Y		

Table 3-1: Supported Downlink Carrier Aggregations – EM7565 (Continued)

DL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_5A-66A	Y	Y					Y	Y		Y	Y		
CA_5A-66A-66A	Y						Y	Y		Y	Y		
CA_7B	Y					Y	Y	Y			Y		
CA_7A-12A	Y						Y	Y	Y		Y		
CA_7C	Y	Y				Y	Y	Y	Y		Y	Y	
CA_7A-20A	Y						Y	Y	Y		Y	Y	
CA_12A-30A	Y	Y					Y	Y	Y		Y		
CA_12A-30A-66A	Y	Y					Y	Y			Y		
CA_12A-66A	Y	Y					Y	Y			Y		
CA_13A-66A	Y						Y	Y		Y	Y		
CA_13A-66A-66A	Y						Y	Y		Y	Y		
CA_13A-66B	Y						Y	Y		Y	Y		
CA_20A-32A	Y						Y	Y	Y		Y		
CA_29A-66A	Y	Y					Y	Y			Y		
CA_29A-30A-66A	Y	Y					Y	Y			Y		
CA_41D	Y						Y	Y			Y		
CA_66B	Y						Y	Y		Y	Y		
CA_66A-66B	Y						Y	Y		Y	Y		
CA_66C	Y						Y	Y		Y	Y		
CA_66A-66C	Y						Y	Y		Y	Y		
CA_1A-8A	Y				Y		Y	Y	Y		Y	Y	

**Table 3-1: Supported Downlink Carrier Aggregations – EM7565 (Continued)**

DL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_1A-42C	Y		Y				Y	Y	Y		Y		
CA_1A-3A-28A	Y						Y	Y	Y		Y		
CA_1A-42A	Y		Y	Y			Y	Y	Y		Y		
CA_2A-5A	Y	Y					Y	Y	Y	Y	Y		
CA_2A-5A-30A	Y	Y					Y	Y	Y		Y		
CA_2A-28A	Y						Y	Y	Y		Y		
CA_2A-5A-66A	Y						Y	Y		Y	Y		
CA_2A-7A-12A	Y						Y	Y	Y		Y		
CA_3A-28A	Y					Y	Y	Y	Y		Y		
CA_3A-42C	Y		Y		Y		Y	Y	Y		Y		
CA_3A-41A-42A	Y				Y		Y	Y			Y		
CA_3A-42A	Y		Y		Y		Y	Y	Y		Y		
CA_3A-7A-28A	Y					Y	Y	Y	Y		Y		
CA_3C-28A	Y					Y	Y	Y	Y		Y		
CA_4A-28A	Y						Y	Y	Y		Y		
CA_5B	Y	Y					Y	Y	Y	Y	Y		
CA_5A-7A	Y						Y	Y	Y		Y		
CA_5A-46A	Y						Y	Y	Y		Y		
CA_5A-66B	Y						Y	Y		Y	Y		
CA_7A-7A	Y					Y	Y	Y	Y		Y	Y	
CA_7A-28A	Y					Y	Y	Y	Y		Y		

Table 3-1: Supported Downlink Carrier Aggregations – EM7565 (Continued)

DL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_7B-28A	Y					Y	Y	Y	Y		Y		
CA_7C-28A	Y					Y	Y	Y	Y		Y		
CA_13A-46A	Y						Y	Y	Y		Y		
CA_13A-66C	Y						Y	Y		Y	Y		
CA_19A-42A	Y		Y				Y	Y	Y		Y		
CA_19A-42C	Y		Y				Y	Y	Y		Y		
CA_28A-42A	Y						Y	Y	Y		Y		
CA_41C	Y			Y	Y		Y	Y			Y		
CA_41A-42A	Y			Y	Y		Y	Y			Y		
CA_41A-42C	Y			Y	Y		Y	Y			Y		
CA_41C-42A	Y			Y	Y		Y	Y			Y		
CA_42C	Y		Y	Y	Y		Y	Y	Y		Y		
CA_48A-48A	Y						Y	Y	Y		Y		
CA_48A-48C	Y						Y	Y	Y		Y		
CA_48C	Y						Y	Y	Y		Y		
CA_48D	Y						Y	Y	Y		Y		

**Table 3-2: Supported Uplink Carrier Aggregations – EM7565**

UL CA	Generic	AT&T	DOCOMO	KDDI	SoftBank	Telstra	Rogers	Telus	US-Cellular	Verizon	T-Mobile	DT	KT
CA_3C	Y		Y			Y	Y	Y	Y		Y	Y	
CA_7C	Y	Y				Y	Y	Y	Y		Y	Y	
CA_41C	Y			Y			Y	Y			Y		

## 3.2 EM7511

**Table 3-3: Supported Downlink Carrier Aggregations – EM7511**

DL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_1A-3A	Y		Y	Y	Y		Y
CA_1A-7A-7A	Y		Y	Y	Y		Y
CA_1A-3A-5A	Y		Y	Y	Y		Y
CA_1A-5A	Y		Y	Y	Y		Y
CA_1A-3A-7A	Y		Y	Y	Y		Y
CA_1A-7A	Y		Y	Y	Y		Y
CA_1A-3A-8A	Y		Y	Y	Y		Y
CA_1A-18A	Y		Y	Y	Y		Y
CA_1A-3A-19A	Y		Y	Y	Y		Y
CA_1A-19A	Y		Y	Y	Y		Y
CA_1A-3A-20A	Y		Y	Y	Y		Y

Table 3-3: Supported Downlink Carrier Aggregations – EM7511 (Continued)

DL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_1A-20A	Y		Y	Y	Y		Y
CA_1A-5A-7A	Y		Y	Y	Y		Y
CA_1A-26A	Y		Y	Y			Y
CA_1A-7A-20A	Y		Y	Y	Y		Y
CA_1A-41A	Y		Y	Y		Y	Y
CA_2A-2A	Y	Y	Y	Y	Y	Y	Y
CA_2A-4A	Y	Y	Y	Y	Y	Y	Y
CA_2A-2A-5A	Y	Y	Y	Y	Y	Y	Y
CA_2A-4A-5A	Y	Y	Y	Y	Y		Y
CA_2C	Y		Y	Y	Y	Y	Y
CA_2A-7A	Y		Y	Y	Y		Y
CA_2A-2A-12A	Y	Y	Y	Y	Y		Y
CA_2A-4A-7A	Y		Y	Y	Y		Y
CA_2A-12A	Y	Y	Y	Y	Y		Y
CA_2A-2A-13A	Y		Y	Y	Y	Y	Y
CA_2A-4A-12A	Y	Y	Y	Y	Y		Y
CA_2A-13A	Y		Y	Y	Y	Y	Y
CA_2A-2A-14A	Y	Y	Y	Y	Y		Y
CA_2A-4A-13A	Y		Y	Y	Y	Y	Y
CA_2A-14A	Y	Y	Y	Y	Y		Y
CA_2A-7A-7A	Y		Y	Y	Y		Y

**Table 3-3: Supported Downlink Carrier Aggregations – EM7511 (Continued)**

DL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_2A-4A-29A	Y		Y	Y	Y		Y
CA_2A-29A	Y	Y	Y	Y	Y		Y
CA_2A-66A-66A	Y		Y	Y		Y	Y
CA_2A-12A-30A	Y	Y	Y	Y	Y		Y
CA_2A-30A	Y	Y	Y	Y	Y		Y
CA_2A-66B	Y		Y	Y		Y	Y
CA_2A-13A-66A	Y		Y	Y		Y	Y
CA_2A-46A	Y	Y	Y	Y	Y		Y
CA_2A-66C	Y		Y	Y		Y	Y
CA_2A-14A-30A	Y	Y	Y	Y	Y		Y
CA_2A-66A	Y		Y	Y		Y	Y
CA_2A-14A-66A	Y	Y	Y	Y			Y
CA_2A-29A-30A	Y	Y	Y	Y	Y		Y
CA_3A-3A	Y		Y	Y	Y		Y
CA_3A-5A	Y		Y	Y	Y		Y
CA_3A-3A-7A	Y		Y	Y	Y		Y
CA_3A-7A-20A	Y		Y	Y	Y		Y
CA_3C	Y		Y	Y	Y		Y
CA_3A-7A	Y		Y	Y	Y		Y
CA_3C-5A	Y		Y	Y	Y		Y
CA_3A-8A	Y		Y	Y	Y		Y

Table 3-3: Supported Downlink Carrier Aggregations – EM7511 (Continued)

DL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_3A-7B	Y		Y	Y	Y		Y
CA_3A-19A	Y		Y	Y	Y		Y
CA_3A-7C	Y		Y	Y	Y		Y
CA_3A-20A	Y		Y	Y	Y		Y
CA_3A-7A-7A	Y		Y	Y	Y		Y
CA_3A-41A	Y		Y	Y			Y
CA_3C-7A	Y		Y	Y	Y		Y
CA_3C-20A	Y		Y	Y	Y		Y
CA_3A-41C	Y		Y	Y			Y
CA_4A-4A	Y	Y	Y	Y	Y	Y	Y
CA_4A-5A	Y	Y	Y	Y	Y	Y	Y
CA_4A-4A-5A	Y	Y	Y	Y	Y		Y
CA_4A-5A-30A	Y	Y	Y	Y	Y		Y
CA_4A-7A	Y		Y	Y	Y		Y
CA_4A-4A-12A	Y	Y	Y	Y	Y		Y
CA_4A-7A-12A	Y		Y	Y	Y		Y
CA_4A-12A	Y	Y	Y	Y	Y		Y
CA_4A-4A-13A	Y		Y	Y	Y	Y	Y
CA_4A-12A-30A	Y	Y	Y	Y	Y		Y
CA_4A-13A	Y		Y	Y	Y	Y	Y
CA_4A-4A-30A	Y	Y	Y	Y	Y		Y

**Table 3-3: Supported Downlink Carrier Aggregations – EM7511 (Continued)**

DL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_4A-29A-30A	Y	Y	Y	Y	Y		Y
CA_4A-29A	Y	Y	Y	Y	Y		Y
CA_4A-7A-7A	Y		Y	Y	Y		Y
CA_4A-30A	Y		Y	Y	Y		Y
CA_4A-46A	Y	Y	Y	Y	Y		Y
CA_5B	Y	Y	Y	Y	Y	Y	Y
CA_5A-7A	Y		Y	Y	Y		Y
CA_5A-66C	Y		Y	Y		Y	Y
CA_5A-30A-66A	Y	Y	Y	Y			Y
CA_5A-30A	Y	Y	Y	Y	Y		Y
CA_5A-66A	Y	Y	Y	Y		Y	Y
CA_5A-66A-66A	Y		Y	Y		Y	Y
CA_5A_66B	Y		Y	Y		Y	Y
CA_7B	Y		Y	Y	Y		Y
CA_7A-12A	Y		Y	Y	Y		Y
CA_7C	Y	Y	Y	Y	Y		Y
CA_7A-20A	Y		Y	Y	Y		Y
CA_12A-30A	Y	Y	Y	Y	Y		Y
CA_12A	Y		Y	Y	Y		Y
CA_12A-66A	Y	Y	Y	Y			Y
CA_13A-66A	Y		Y	Y		Y	Y

Table 3-3: Supported Downlink Carrier Aggregations – EM7511 (Continued)

DL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_13A-66A-66A	Y		Y	Y		Y	Y
CA_13A-66B	Y		Y	Y		Y	Y
CA_13A-66C	Y		Y	Y		Y	Y
CA_14A-30A	Y	Y	Y	Y	Y		Y
CA_14A-66A-66A	Y	Y	Y	Y			Y
CA_14A-30A-66A	Y	Y	Y	Y			Y
CA_14A-66A	Y	Y	Y	Y			Y
CA_20A-32A	Y		Y	Y	Y		Y
CA_29A-66A	Y	Y	Y	Y			Y
CA_29A-30A-66A	Y	Y	Y	Y			Y
CA_41D	Y		Y	Y			Y
CA_66B	Y		Y	Y		Y	Y
CA_66A-66B	Y		Y	Y		Y	Y
CA_66C	Y		Y	Y		Y	Y
CA_66A-66C	Y		Y	Y		Y	Y
CA_1A-8A	Y		Y	Y	Y		Y
CA_1A-42C	Y		Y	Y	Y		Y
CA_1A-42A	Y		Y	Y	Y		Y
CA_2A-5A	Y	Y	Y	Y	Y	Y	Y
CA_2A-5A-30A	Y	Y	Y	Y	Y		Y
CA_2A-5A-66A	Y		Y	Y		Y	Y

**Table 3-3: Supported Downlink Carrier Aggregations – EM7511 (Continued)**

DL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_2A-7A-12A	Y		Y	Y	Y		Y
CA_3A-42C	Y		Y	Y	Y		Y
CA_3A-41A-42A	Y		Y	Y			Y
CA_3A-42A	Y		Y	Y	Y		Y
CA_5A-46A	Y		Y	Y	Y		Y
CA_7A-7A	Y		Y	Y	Y		Y
CA_13A-46A	Y		Y	Y	Y		Y
CA_19A-42A	Y		Y	Y	Y		Y
CA_19A-42C	Y		Y	Y	Y		Y
CA_41C	Y		Y	Y			Y
CA_41A_42A	Y		Y	Y			Y
CA_41A-42C	Y		Y	Y			Y
CA_41C-42A	Y		Y	Y			Y
CA_42C	Y		Y	Y	Y		Y
CA_48A-48A	Y		Y	Y	Y		Y
CA_48A-48C	Y		Y	Y	Y		Y
CA_48C	Y		Y	Y	Y		Y
CA_48D	Y		Y	Y	Y		Y

**Table 3-4: Supported Uplink Carrier Aggregations – EM7511**

UL CA	Generic	AT&T	Rogers	Telus	US-Cellular	Verizon	T-Mobile
CA_3C	Y		Y	Y	Y	Y	Y
CA_7C	Y	Y	Y	Y	Y	Y	Y
CA_41C	Y		Y	Y			Y

### 3.3 EM7411 / MC7411

**Table 3-5: Supported Downlink Carrier Aggregations – EM7411 / MC7411**

DL CA	Generic / SouthernLinc	AT&T	Verizon	T-Mobile	Telus	Rogers	Cellular
CA_2A-2A	Y	Y	Y	Y	Y	Y	Y
CA_2A-5A	Y	Y	Y	Y	Y	Y	Y
CA_2A-7A	Y			Y	Y	Y	Y
CA_2A-12A	Y	Y		Y	Y	Y	Y
CA_2A-13A	Y		Y	Y	Y	Y	Y
CA_2A-14A	Y	Y		Y	Y	Y	Y
CA_2A-71A	Y			Y	Y	Y	
CA_2C	Y		Y	Y	Y	Y	Y
CA_4A-4A	Y	Y	Y	Y	Y	Y	Y
CA_4A-5A	Y	Y	Y	Y	Y	Y	Y
CA_4A-7A	Y			Y	Y	Y	Y

**Table 3-5: Supported Downlink Carrier Aggregations – EM7411 / MC7411 (Continued)**

DL CA	Generic / SouthernLinc	AT&T	Verizon	T-Mobile	Telus	Rogers	Cellular
CA_4A-12A	Y	Y		Y	Y	Y	Y
CA_4A-13A	Y		Y	Y	Y	Y	Y
CA_4A-71A	Y			Y	Y	Y	
CA_5A-66A	Y	Y	Y	Y	Y	Y	
CA_5B	Y	Y	Y	Y	Y	Y	Y
CA_7A-7A	Y			Y	Y	Y	Y
CA_7A-12A	Y			Y	Y	Y	Y
CA_7B	Y			Y	Y	Y	Y
CA_7C	Y	Y		Y	Y	Y	Y
CA_12A-66A	Y	Y		Y	Y	Y	
CA_12B	Y			Y	Y	Y	Y
CA_13A-66A	Y		Y	Y	Y	Y	
CA_14A-66A	Y	Y		Y	Y	Y	
CA_25A-25A	Y			Y	Y	Y	Y
CA_25A-26A	Y			Y	Y	Y	
CA_26A-41A	Y			Y	Y	Y	
CA_41A-41A	Y			Y	Y	Y	
CA_41C	Y			Y	Y	Y	
CA_42A-42A	Y			Y	Y	Y	Y
CA_42C	Y			Y	Y	Y	Y
CA_43C	Y			Y	Y	Y	Y

**Table 3-5: Supported Downlink Carrier Aggregations – EM7411 / MC7411 (Continued)**

DL CA	Generic / SouthernLinc	AT&T	Verizon	T-Mobile	Telus	Rogers	Cellular
CA_48A-48A	Y			Y	Y	Y	Y
CA_48C	Y			Y	Y	Y	Y
CA_66A-66A	Y		Y	Y	Y	Y	
CA_66A-71A	Y			Y	Y	Y	
CA_66B	Y		Y	Y	Y	Y	
CA_66C	Y		Y	Y	Y	Y	

**Table 3-6: Supported Uplink Carrier Aggregations – EM7411 / MC7411**

UL CA	Generic / SouthernLinc	AT&T	Verizon	T-Mobile	Telus	Rogers	Cellular
CA_5B	Y		Y	Y	Y	Y	Y
CA_7C	Y	Y		Y	Y	Y	Y
CA_41C	Y			Y	Y	Y	
CA_42C	Y			Y	Y	Y	Y
CA_43C	Y			Y	Y	Y	Y
CA_48C	Y			Y	Y	Y	Y

## 3.4 EM7421 / MC7421

**Table 3-7: Supported Downlink Carrier Aggregations – EM7421 / MC7421**

DL CA	Generic
CA_1A-8A	Y
CA_1A-20A	Y
CA_1A-28A	Y
CA_1C	Y
CA_3A-3A	Y
CA_3A-7A	Y
CA_3A-8A	Y
CA_3A-20A	Y
CA_3A-28A	Y
CA_3C	Y
CA_7A-7A	Y
CA_7A-8A	Y
CA_7A-20A	Y
CA_7A-28A	Y
CA_7B	Y
CA_7C	Y
CA_20A-32A	Y
CA_38C	Y
CA_40A-40A	Y
CA_40C	Y
CA_41A-41A	Y
CA_41C	Y
CA_42A-42A	Y
CA_42C	Y
CA_43C	Y

**Table 3-8: Supported Uplink Carrier Aggregations – EM7421 / MC7421**

UL CA	Generic
CA_1C	Y
CA_3C	Y
CA_7C	Y
CA_41C	Y
CA_42C	Y
CA_43C	Y

### 3.5 EM7431 / MC7431

**Table 3-9: Supported Downlink Carrier Aggregations – EM7431 / MC7431**

DL CA	Generic	KDDI	SoftBank	DOCOMO
CA_1A-5A	Y			
CA_1A-8A	Y		Y	
CA_1A-18A	Y	Y		
CA_1A-19A	Y			Y
CA_3A-5A	Y			
CA_3A-8A	Y		Y	
CA_3A-19A	Y			Y
CA_3C	Y			Y
CA_19A-42A	Y			Y
CA_39C	Y			
CA_41A-41A	Y			
CA_41C	Y	Y	Y	
CA_42A-42A	Y			
CA_42C	Y	Y	Y	Y
CA_43C	Y			

**Table 3-10: Supported Uplink Carrier Aggregations – EM7431 / MC7431**

UL CA	Generic	KDDI	SoftBank	DOCOMO
CA_1C				
CA_3C	Y			Y
CA_5B				
CA_7C				
CA_39C	Y			
CA_41C	Y	Y		
CA_42C	Y		Y	
CA_43C	Y			
CA_48C				