

MINI-LINK RADIO SW

Product area/family: MINI-LINK, FGB 101 474

Product name/number: RAU SWFW 2878
CXP 901 2878

Type of product: SW



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Furthermore, the contents of this document are subject to revision without notice due to continued progress in methodology, design, and manufacturing



1 Introduction

This document contains notes on the MINI-LINK RAU SWFW 2878 CXP 901 2878 R5H01.

2 New feature support

2.1 RAU SWFW 2878; CXP 901 2878, R5H01

2.1.1 **MINI-LINK 6600, MINI-LINK TN and MINI-LINK CN**

No updates.

2.1.2 **MINI-LINK LH**

No updates.

2.1.3 **MINI-LINK PT 2010 R1**

No updates

3 Corrections

3.1.1 **MINI-LINK 6600, MINI-LINK TN and MINI-LINK CN**

Included corrections in this release:

Corrected Transmitter output power handling after a software upgrade (SU) in Transmitter OFF state.

For RAU SW releases from R5B to R5G the Transmitter ON sequence after a warm restart do not include correct unmute handling of the Transmitter IF part.



4 New Deliverables

4.1 Radio Software

The R5H01 release of MINI-LINK RAU SWFW 2878 is available on Software Gateway. For release and downgrade blocking information please see ch.7.

MINI-LINK RAU SWFW 2878 (CXP 901 2878) is delivered according below table

Overview of new radio software load modules and applicable hardware (not included in the SBL)			
Applicable HW	SW Func.Des.	Prod. Number	R-state
RAU2 X 5 HP, RAU2 X/Xu 6L [HP], RAU2 X/Xu 6U [HP], RAU2 X/Xu 7 [HP], RAU2 X/Xu 8 [HP], RAU2 X/Xu 10 [HP] R-state ≥ R2A, RAU2 X/Xu 11 [HP] R-state ≥ R2A, RAU2 X/Xu 13 [HP], RAU2 X/Xu 15 [HP], RAU2 X/Xu 18 [HP] R-state ≥ R2A, RAU2 X/Xu 23 [HP] R-state ≥ R2A, RAU2 X 24, RAU2 X/Xu 26, RAU2 X/Xu 28, RAU2 X/Xu 32, RAU2 X/Xu 38, RAU2 X/Xu 42 RAU2 7, RAU2 8, RAU2 13 R-state ≥ R3A, RAU2 15 R-state ≥ R2A, RAU2 18 R-state ≥ R2A, RAU2 23 R-state ≥ R4A PT2010 7 PT2010 8 PT2010 10 PT2010 11 PT2010 13 PT2010 15 PT2010 18 PT2010 23	RAU SWFW 2878	CXP 901 2878	R5A04



PT2010 38			
TRX 4			
TRX 5			
TRX 6L			
TRX 6U			
TRX 7			
TRX 8			
TRX 11			
TRX 13			

4.2 New Optional Features

No new Optional Features are introduced in this release.

5 Availability Information

This release is planned to be available on Software Gateway in October 2019.

6 RAU SW upgrade procedure

Field recommendation:

Radio units shall be upgraded with new SW if support for new functionalities are needed. Note that the already delivered RAU HW must support the new functionality. When upgrading, the recommendation is to upgrade to the latest released SW.

If Radio and Node is to be upgraded it is recommend in the following order:

1. Perform RAU SW upgrade
2. Perform SBL upgrade

7 Compatibility

7.1 General

For further information on compatibility, please refer to the documents

- "MINI-LINK 6600 R1 Compatibility" 1/221 02-HRA 901 20/11
- "MINI-LINK TN R5 Compatibility", 1/221 02-HRA 901 20/1-V1
- "MINI-LINK TN R5 ANSI Compatibility" 1/221 02-HRA 901 20/1-V2
- "MINI-LINK TN R6 Compatibility", 2/221 02-HRA 901 20/1
- "MINI-LINK CN Compatibility", 1/221 02-HRA 901 20/2
- "MINI-LINK LH Compatibility", 5/221 02-HRA 901 20/3



- “MINI-LINK Radio Unit Compatibility”, 1/221 02-COH 901 536/1
- “Product R-State history”, 1/1317-HRA 901 05

8 Known Limitations

- Due to long RAU SW activation time when downgrade from R4B16 - R4E03 to SW with older R-state than R4B16, this is not recommended. Downgrade may result in “Upgrade failed”, “Out of Service” or “Repair mode”.
- Do NOT interrupt power to the Radio during activation of SW; ~3min.
- If connection to RAU is lost after activation, “Restart” the Modem.