

# Atmosic RF Tool

## Release Note

**SUMMARY:** This document provides details on new features/fixes/known issues of the Atmosic RF Tool.



**Atmosic™**

Atmosic RF Tool Release Notes

April 27, 2026

ATM-RNAMA-16168

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## Acronyms and Abbreviations

Acronyms	Definition
ATMx201	ATM2201 ATM3201
ATMx221	ATM2221 ATM3221
ATM33/e	ATM3325 ATM3330 ATM3330e
ATM34/e	ATM3405 ATM3430 ATM3430e
ATM5/e	ATM5305 ATM5205 ATM5305e
EVK	Evaluation Kit
FW	Firmware
OTA	Over-The-Air
PV	Photovoltaic
SDK	Software Development Kit

# 1. Purpose

This release note provides details on new features/fixes/known issues as part of the Atmosic RF Tool. This Windows tool application supports the EVK platform with Atmosic SDK 5.4.x or later, based on the following devices/platforms:

- ATM2201, ATM2221, ATM3201, ATM3221, ATM33/e, ATM34/e, ATM5/e EVKs

Please visit the [Atmosic Developer Utilities](#) and [Atmosic Products](#) for the following documentation:

- Atmosic RF Tool User Guide
- EVK User's Guide for ATMx201
- EVK User's Guide for ATMx221
- ATM33/e Evaluation Kit User Guide
- ATM34/e Evaluation Kit User Guide
- ATM5/e Evaluation Kit User Guide

## 2. New Features / Functionality

### 2.1 Application Version

The version of any release is displayed on the landing page of the application in the bottom right corner, as shown below -



## 2.2 Application Functionality

The Atmosic RF Test Tool is for testing Tx and Rx RF performance, and Tx output power of the ATM2/ATM3, ATM33/e, ATM34/e or ATM5/e Wireless SoC Series. The RF Test Tool can also be used for Rx sensitivity measurements, FCC/CE pretest, and certification.

## 3. Limitations & Known Issues

The following limitations and known issues apply to this release for all Atmosic devices.

<b>Issue</b>	The user needs to select the platform before starting the test
<b>Impact</b>	The tool can't auto-detect which platform is going to be tested. The user needs to select the platform on the GUI.
<b>Resolution</b>	NA

## Reference Documents

<b>Title</b>	<b>Document Number</b>
ATM33/e Series Evaluation Kit User Guide	ATM33_e-UGEVK
ATM34/e Series Evaluation Kit User Guide	6441-xxxx-xxxx
DevTools Mobile Apps User Guide	ATM-UG
EVK User's Guide for ATMx301/ATMx202	ATMx201-UG
EVK User's Guide for ATMx221	ATMx221-UG

## Revision History

Date	Version	Description
April 27, 2026	1.6.16.8	<ul style="list-style-type: none"> <li>● Add support to ATM5/e</li> </ul>
Mar 25, 2026	1.6.16.7	<ul style="list-style-type: none"> <li>● Fix Channel Sounding CE/FCC Rx test mode</li> </ul>
Feb 2, 2026	1.6.16.6	<ul style="list-style-type: none"> <li>● Add support for Channel Sounding CE/FCC Test for ATM34</li> </ul>
Dec 19, 2025	1.6.16.5	<ul style="list-style-type: none"> <li>● Update ATM33/34 prebuilt images based on OpenAir 25.12.0 boards support</li> <li>● Update ATM2/ATM3 prebuilt images based on Atmosic SDK 6.1.0</li> </ul>
Aug 18, 2025	1.6.16.4	<ul style="list-style-type: none"> <li>● Update program_by_openocd.bat for OpenAir 25.07.01 board support</li> <li>● Integrate the ATM33/ATM34 hci_vendor images prebuilt based on the Zephyr SDK</li> <li>● Improve chip test flow</li> </ul>
May 22, 2025	1.6.16.3	<ul style="list-style-type: none"> <li>● Update program_by_openocd.bat for different programming approaches for different platforms</li> <li>● Integrate the ATM34 hci_vendor images prebuilt based on the Zephyr SDK</li> </ul>
Apr 22, 2025	1.6.16.2	<ul style="list-style-type: none"> <li>● Fix the Tx test infinite mode for ATM34</li> <li>● Add 32K XTAL tuning</li> </ul>
Apr 22, 2024	1.6.16.1	<ul style="list-style-type: none"> <li>● Remove plotting Rx NOP statistic</li> <li>● Correct the default Tx Power table</li> <li>● Change the default baud rate to 460800 for the default HCI vendor images</li> <li>● Add saving platform selection in INI config</li> <li>● Fix built-in ATM34 CHCI firmware images for the 15.4 test</li> </ul>

		<ul style="list-style-type: none"> <li>● Sync 15.4 Rx test CRC with Tx Auto Ack</li> <li>● Export 15.4 Tx test Interval param for tuning</li> <li>● Hint 15.4 Rx test timeout value for continuous</li> <li>● Reformat 15.4 Tx/Rx test results</li> <li>● Separate 15.4 Tx/Rx input param blocks</li> <li>● Enable keyboard arrow key control over the scale tuning UI component</li> <li>● Change 15.4 Tx test power unit (dBm)</li> <li>● Export 15.4 Rx test CRC enable option</li> <li>● Retire the flow for programming the ATMx2xx-x0x image</li> <li>● Pack ATMEVK_3330e_QN_7, ATMEVK_3325_CM and ATMEVK_3406_DQK_2 HCI image</li> <li>● Fix the ATM34x stop command sequence for the single tone Tx test</li> </ul>
Dec 14, 2023	1.6.15.0	<ul style="list-style-type: none"> <li>● Update 15.4 Rx test timeout unit</li> <li>● Stop plotting after the window closes</li> <li>● Fix UI expression alignment for selection input with text input</li> <li>● Add a button to refresh COM ports</li> <li>● Support 15.4 test command</li> </ul>
Nov 22, 2023	1.6.14.1	<ul style="list-style-type: none"> <li>● Fix the response of the HCI Debug Reg Write parsing for non-ATM34 platforms</li> <li>● Turn off the CTE tab for ATM34</li> <li>● Support Tx packet count for ATM34</li> <li>● Add a combo box to select platforms. Remove auto-selecting on platforms</li> <li>● Bypass retrieving the NOP of Tx for ATM34</li> <li>● Fix 16M Xtal calibration flow for ATM34</li> <li>● Rename mpf.bat to program_by_openocd.bat</li> </ul>



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