

RAyTools – Release notes

Release 3.3.0

2023-09-15

- Platforms:
 - Android (version 10+)
 - iOS, iPadOS (version 15+)
 - MacOS Ventura using Apple Silicon
- New features:
 - Users can share location via system sharing and import it directly into the app
 - Link rough estimate can be calculated just using approximate location and basic parameters
 - Users can choose between using Typical or Guaranteed sensitivity values
 - Calculation results can be shared as pdf
- Fixed bugs:
 - 'Local RSS' values presented during antenna alignment are correct with all RAY3 models (on RAY3-80 it requires FW 1.1.2.0 or later)
 - Aggressive refresh in "Management" screen
 - minor bugfixes
- Known issues:
 - Location sharing: Some apps on Android do not correctly interpret app links, thus in some cases the user cannot import location data directly into the app.
Workaround: copy/paste included plain-text info into the app manually.

Release 3.2.0

2023-06-12

- Platforms:
 - Android (version 10+)
 - iOS, iPadOS (version 15+)
 - MacOS Ventura using Apple Silicon
- New features:
 - Major release of the application with a new icon. Separate installation required (not RAYTools ver.2 upgrade).
 - Precise Link calculation - including maps and GPS coordinates, terrain model, calculation of Fresnel zone, ACM levels, etc.(i.e. similar level of detail and calculation precision as RACOM web-based *Calculation tool*¹)
 - Database of all existing RAY3 and RAY2 models as well as all RACOM-provided and supported antennas
 - Real-time RSS chart is plotted during antenna alignment to simplify search of a main and side lobes
 - Look&Feel as well as all functions are identical across all supported platforms (no visible difference between those)
- Known issues:
 - With RAY3-80 it shows "0 dBm" during antenna alignment (instead of measured 'Local RSS' value)

¹ <https://www.racom.eu/eng/products/microwave-link.html#calculation>

Jirous new antenna data for Release 2.1.12 + 2.1.4

2020-08-08

- Platforms:
 - Android
 - iOS/Apple
- New features:
 - Added Jirous JRMC antenna gains to Calculator - instead of old JRMB+JRMA gains
 - Default antenna = Jirous JRMC 40 cm

RAy3-17 data and Andrew antenna data for Release 2.1.12 + 2.1.4

2019-11-24

- Platforms:
 - Android
 - iOS/Apple
- New features:
 - Added RAY3-17 data to Calculator
 - Added Andrew antenna gains to Calculator
 - Default unit in Calculator = RAY3-17

RAY3-24 data for Release 2.1.12 + 2.1.4

2018-10-04

- Platforms:
 - Android
 - iOS/Apple
- New features:
 - Added RAY3-24 data for Calculator
 - Corrected mistypings in antenna gain for LEAX antennas

Release 2.1.12

2018-04-19

- Platforms:
 - only iOS/Apple
- New features:
 - First RAYTools version on iOS platform at AppStore (functionally identical with Android version 2.1.4)



Note

Versions 2.1.5 – 2.1.11 were not published.

Release 2.1.4

2018-02-18

- Platforms:
 - Android
- New features:
 - Added warning if Alignment or Management module is activated without WiFi connection
- Changes:
 - New design of “About” menu (new RACOM logo, etc.)

Release 2.1.3

2017-08-10

- Platforms:
 - Android
- New features:
 - Added support for choosing antenna type in Calculation
 - Antenna parameters for Calculation downloaded automatically (on the background)
 - RAY units parameters for Calculation downloaded automatically (on the background)
 - LEAX + Jirous antennas data available for Calculation

Release 2.1.2

2017-04-28

- Platforms:
 - Android
- New features:
 - Added interactive Antenna Alignment Tool (final version)
 - Added access to RAY unit management
- Changes:
 - Menu opened after return to the application

Release 2.1.0

2017-02-17

- Platforms:
 - Android
- New features:
 - New generation of the app with many functionality enhancements
 - Added initial version of interactive Antenna Alignment Tool (requires RAY FW 2.1.28 or higher)
- Changes:
 - Menu restructured to reflect new generation of the app
 - Menu automatically shown at startup

Release 1.0.0

2015-06-26

- Platforms:
 - Android
- New features:

- Initial release – only Calculation module, only Jirous antennas