



NEXTIVITY.

Wave App 1.18.39

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1 Introduction

This document provides details on the new features of the latest version of Wave App, version 1.18.39.

2 Description

The updated Wave App version 1.18.39 has been released in the App Store and Play Store.

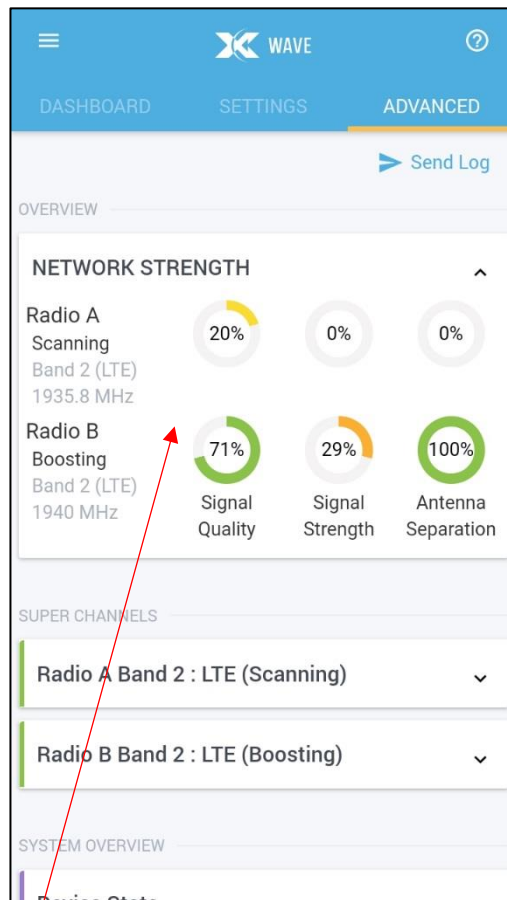
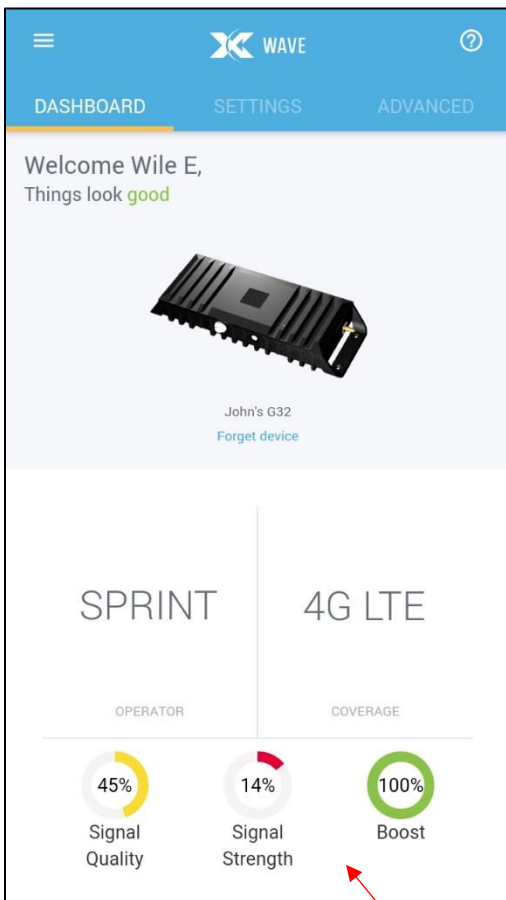
Major updates:

- Added new indicators in the Dashboard and Advanced tab.
- Added Technology and Channel List selection feature.
- Improved Antenna Aiming instructions.
- Bug fixes and stability improvements.

3 New Indicators

Dashboard Tab

Advanced Tab



New indicators

Three gauges are displayed per radio in the Advanced Tab.

Each radio can be in 1 of 3 states:

- Unused: No band available.
- Scanning: Not relaying yet.
- Boosting: Radio is in relay state.

Signal Quality: SINR for 4G or ECIO for 3G.

Signal Strength: Displays the signal strength for 4G (RSRP) and 3G (RSCP)

Antenna Separation: Displays the quality of the antenna separation between the donor antenna and the server antenna.

The gauges display 4 colours to indicate the quality of the metrics.

- 1) Green – GOOD
- 2) Yellow – OK
- 3) Orange – POOR
- 4) RED – BAD

Colour range:

Colour	Signal Quality, dB		Signal Strength, dBm	
	4G SINR	3G ECIO	4G RSRP	3G RSCP
Green	≥ 5	≥ -10	≥ -105	≥ -89
Yellow	0 to 4	-11 to -15	-113 to -106	-99 to -90
Orange	-6 to -1	-16 to -18	-117 to -114	-103 to -100
Red	< -6	≤ -19	< -117	≤ -104

4 Technology and Channel List Selection from the Wave App

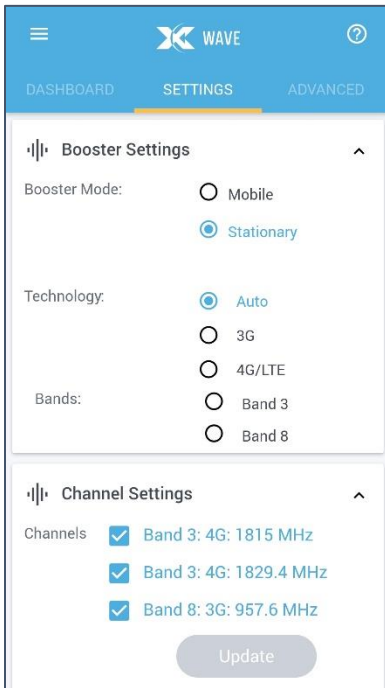
Wave App 1.18.39 includes the technology selection and channel list selection feature

- 1) Technology Selection: Ability to turn on or off the technology per band
- 2) Channel Selection: Ability to set the preferred channel per band

Note on the channel selection:

The device will first search for channels in the preferred list. If the preferred channels are found, they will be used to relay. If the channels are not found, then the device will search the full list of channels. i.e. a channel can still relay if you have it unchecked.

G31 screenshot



G32 and SOLO screenshot

