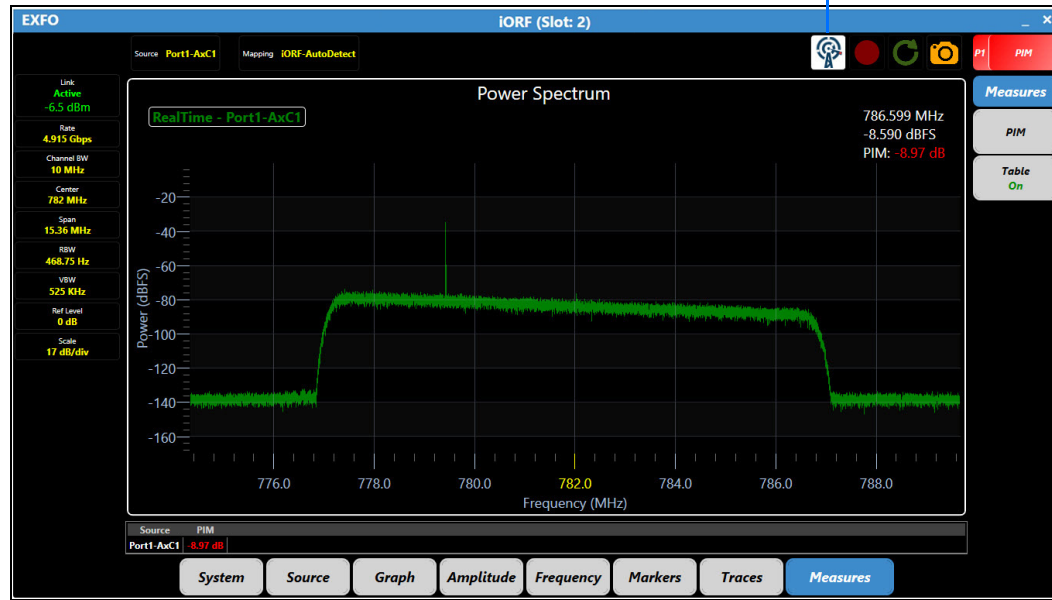


Live View

Changes made within this view do not affect settings nor results of the iORF test. For more information on Live View, refer to the OpticalRF user guide or help file.

Tap to return to iORF view.



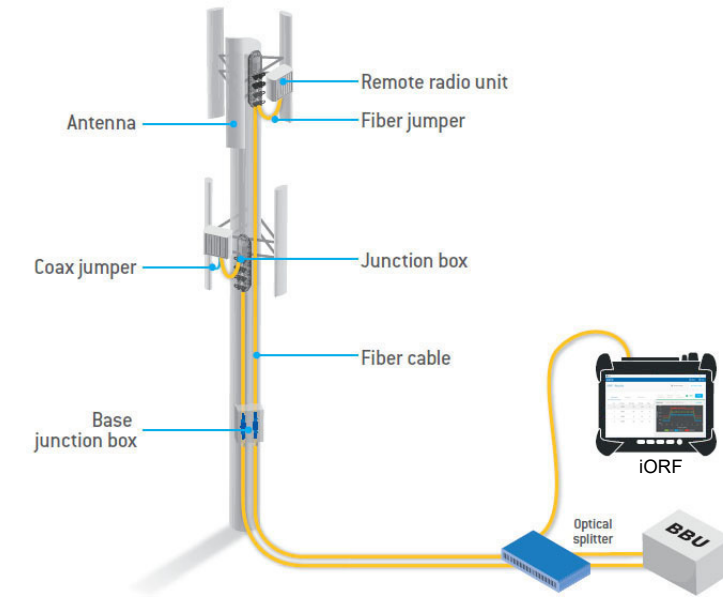
Patents
Feature(s) of this product is/are protected by one or more of: US pending patent(s).

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P/N: 1079329 Version: 4.0.0.1



Connecting to the RAN

The module's SFP+ P1 port (SFP28 A1 port on 88260) is used to connect to the Radio Access Network (RAN). Supported rates are: CPRI 1.2, 2.4, 3.1, 4.9, 6.1, 9.8, and 10.1 Gbit/s.



To Connect to the RAN:

Insert an optical splitter, if not already installed, as follows:

- If required, lock down the sector to be tested.
- Insert an optical splitter (it is recommended to connect RRH to port A and BBU to port B).
- Ensure the sector is unlocked.

Connect the module to the optical splitter as follows:

- To display the uplink, connect the A side of the splitter's AB port to the RX SFP+ P1 port (SFP28 A1 port on 88260) of the module (generally marked with an in arrow).
- To display the downlink, connect the B side of the splitter's AB port to the RX SFP+ P1 port (SFP28 A1 port on 88260) of the module (generally marked with an in arrow).

Note: Make sure to insert the proper SFP/SFP+ and carefully connect the optical fiber cable to the transceiver IN (RX) of port P1 (SFP28 A1 port on 88260).

For more information,
refer to the user guide.



Starting the Application

From Mini ToolBox X (NetBlazer) or ToolBox X (Power Blazer), tap the iORF application button.

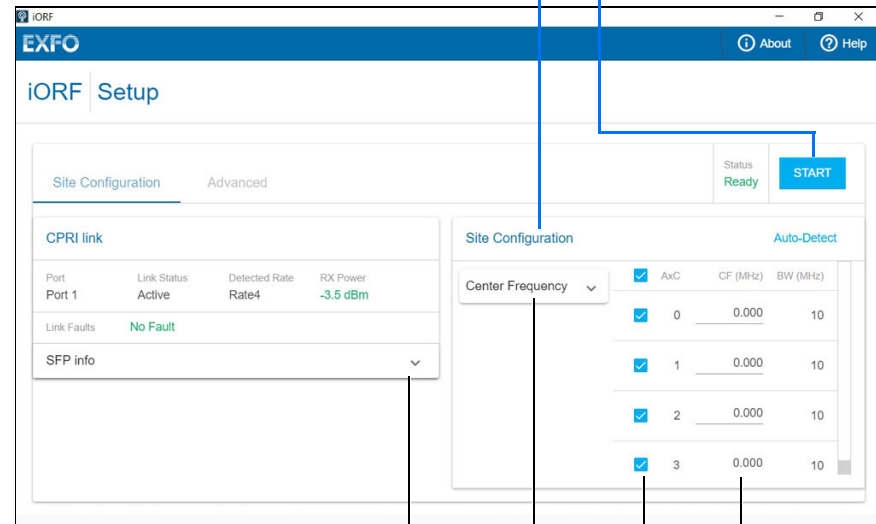


Starting the Test

1 Once the CPRI link is auto-detected and configured, then the auto-detection of the bandwidth and mapping of the antenna connected to the CPRI link is started.

Wait until the auto-detection is completed.

2 Tap **Start**. The application automatically switches to the **Results** page.



The application auto-detects and configures the **CPRI Link** as soon as an optical fiber cable is inserted.

Allows setting a specific center frequency for all/enabled/disabled AxCs.

Allows enabling/disabling all AxC at once or individually.

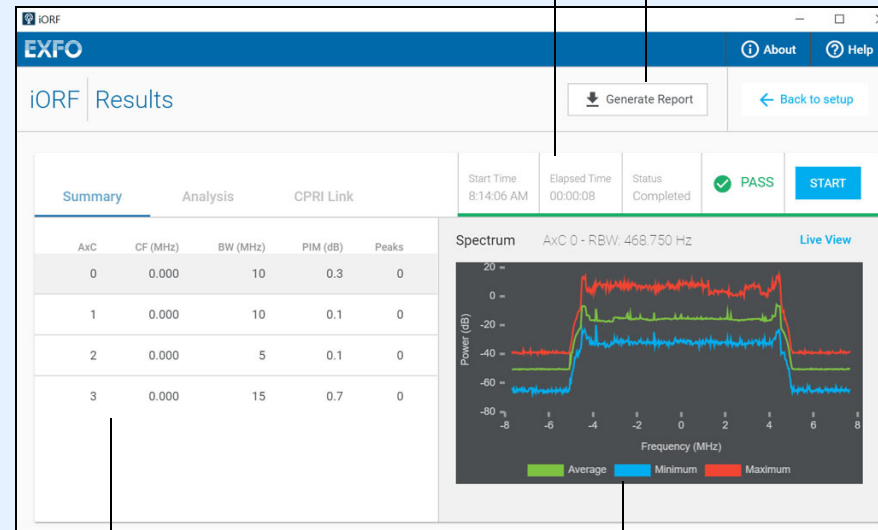
Indicates and allows setting the center frequency for each AxC.

Getting Results

Global Test Status and Verdict

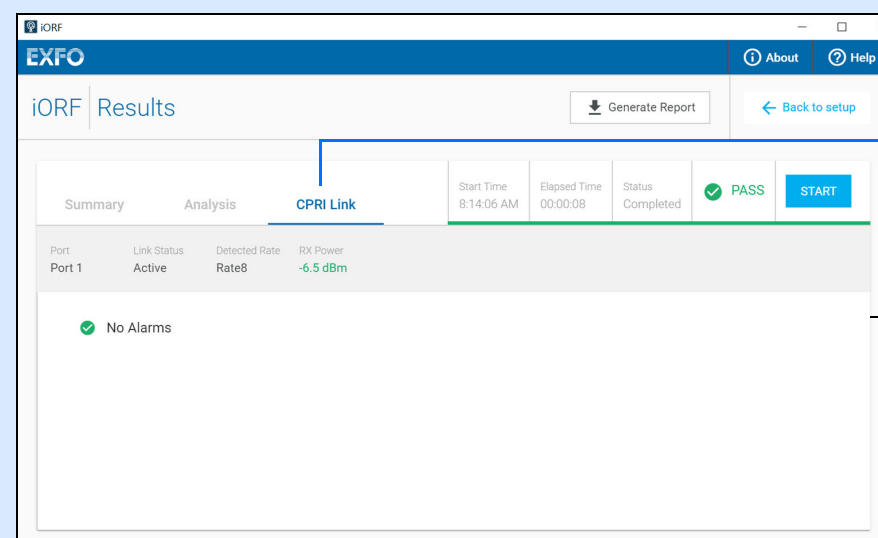
The report contains all information about the current test including its setup and results.

When the Verdict is **PASS**



Reports the Center Frequency (CF), Bandwidth (BW), measured slope (PIM), and the number of peaks detected.

The spectrum graph is displayed across the full frequency span.



When the Verdict is **FAIL**

3 Tap on **View Peaks**.

Peaks are listed with their frequency in MHz and peak power in dB. Peaks are presented in increasing order of frequency.

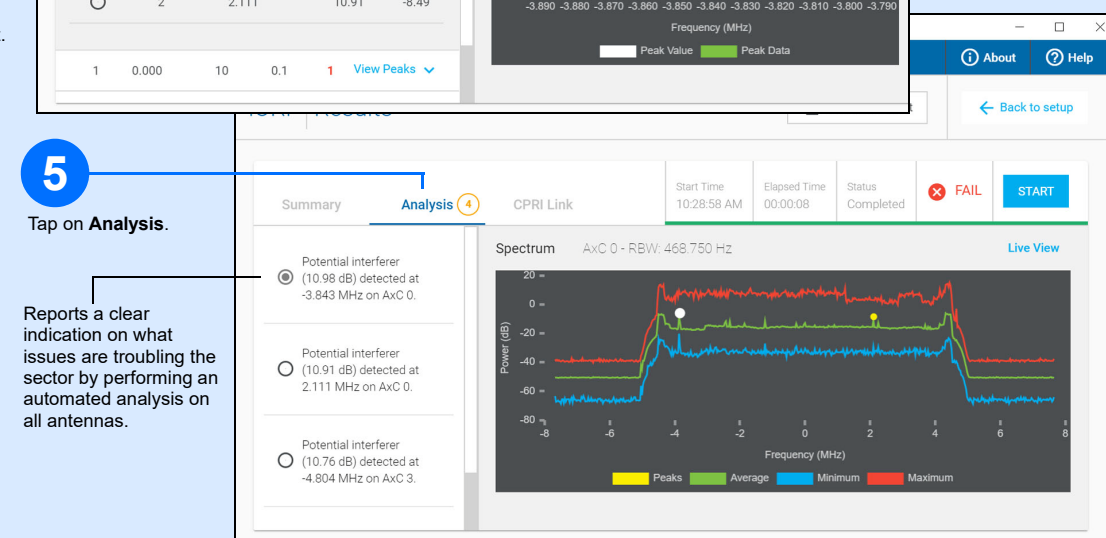
4 Tap on a peak button to zoom it.

6 Tap on **CPRI Link**.

Reports if any alarm occurred during the test.

5 Tap on **Analysis**.

Reports a clear indication on what issues are troubling the sector by performing an automated analysis on all antennas.



Opens the **Live View** of the spectrum graph.

A yellow circle on the graph indicates the frequency position of a detected peak.

A white circle on the graph indicates the frequency position of the selected peak.

Closes the peak zoomed view