



CPRI RF Measurement

Cell Master, Site Master, Spectrum Master, BTS Master™ series and Network Master Pro

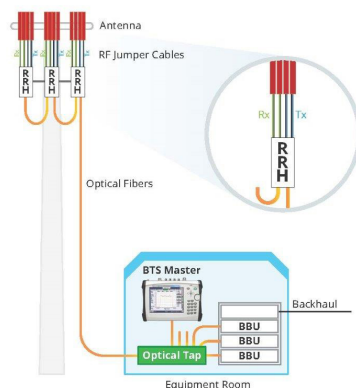


Uplink Interference Hunting with CPRI RF Options

Modern cell sites which separate the remote radio heads at the top of the tower and base band unit housed in the equipment room at ground level make access and testing of the RRHs very difficult without climbing a tower or using a mechanical cherry picker lift.

Anritsu CPRI RF test sets enable engineers and technicians to look for interference problems of individual radios (RRH's) by identifying sources of interference on the radio uplink at ground level. This reduces the use of tower climbing crews and operational expenses are reduced.

The key driver for CPRI RF measurements is a reduction in operational expense, by identifying sources of interference on the radio uplink at ground level, reducing the use of tower climbing crews.



Anritsu's CPRI testers display LTE uplink or downlink spectrum by tapping into the fiber between the BBU and RRH.

Key Features

- CPRI RF option compatible with the following units:
 - BTS Master™ MT8220T, MT8221B and MT8222B
 - Cell Master MT8212E & MT8213E
 - Site Master S331E, S332E, S361E and S362E
 - Spectrum Master MS2712E & MS2713E
- Fast sweep speed – easily capture all interfering signals
- Sweep Tune & Zoom – Tune to a specific section of the signal (re-center on screen) and then zoom in to the interfering signal (Spectrum & Spectrogram) for detailed analysis.
- Auto Detect – reduce the set up time and errors by using the Auto Detect feature.
- Single SFP (Dual SFP's for the BTS master)
- Display RF spectrum and spectrogram on CPRI up and down link
- Supports Ericsson, Alcatel Lucent and Huawei Remote Radio Heads
- Display of CPRI alarm status and SFP manufacturers and compliance data
- Line rates 1 to 7 supported as standard (614.4 to 9830.4 Mbps)
- 5 MHz to 20 MHz span includes all common CPRI applications

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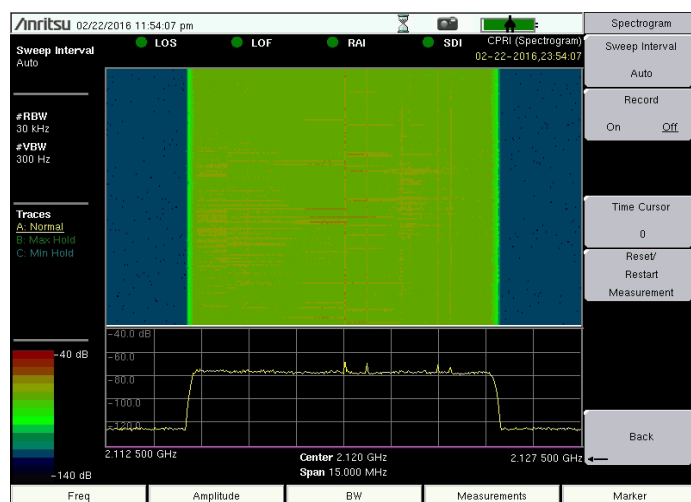
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Anritsu offers the largest portfolio of CPRI RF capable instruments

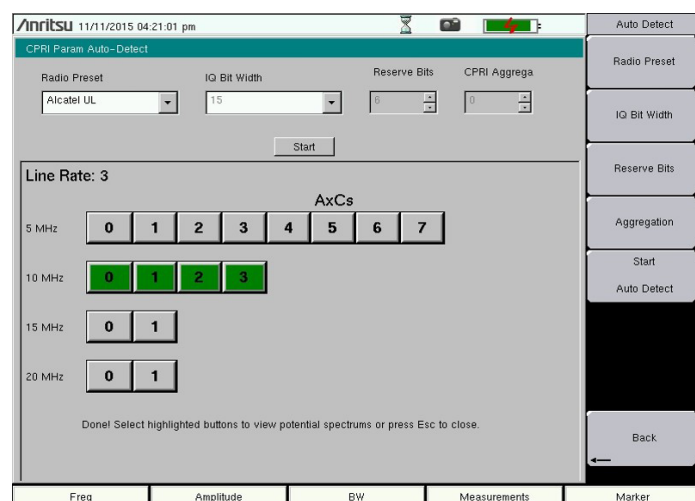
Increase the capability of your existing investment of the Cell Master, Site Master, Spectrum Master, BTS Master series and Network Master Pro by ordering the CPRI RF option 751. All instruments offer best in class sweep speed of the CPRI RF measurements, fast enough to identify bursty interferers with Tune & Zoom of the signal on display as well as spectrogram for long term monitoring.



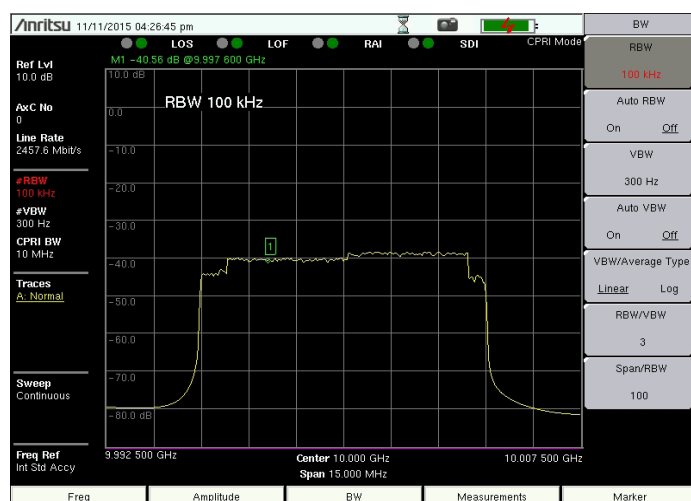
The BTS Master displays CPRI alarms which helps verify CPRI link status.



The CPRI RF Spectrogram can be used to find intermittent interferers over a period of time.



CPRI Auto detect allows users to choose radio preset which determines line rate, signal bandwidth and AxCs.



The CPRI LTE Spectrum can be used to look for interfering signals on the uplink and can also be used to verify the downlink BBU



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