



# UHF Receiver and UHF Directional Antenna



## UHF Receiver and Directional Antenna

The UHF Receiver is an accessory for the UltraTEV Plus2 that allows the device to scan for radio emissions generated by partial discharge.

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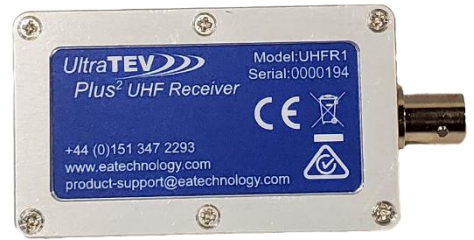
## UHF Receiver accessory for the UltraTEV Plus2

Partial Discharge can cause the emissions of wide band radio frequency signals. With the addition of this accessory, the UltraTEV Plus2 can be used to detect and measure these emissions.

The UHF receiver plugs into the smart accessory port of the UltraTEV Plus2 and is automatically detected. Multiple new screens and scan modes are available.

The UHF receiver comes with a short omnidirectional whip antenna. This is designed be used when the source of signal to be measured can be readily determined, regardless of direction. This can be the case when the distance between potential sources is farther than the distance from the source to the antenna.

The directional antenna is an optional accessory that plugs into the UHF receiver. This antenna is more sensitive to signals entering it from one direction. This allows the user to move the antenna around and determine the source by the direction of the largest source. It is ideal of outdoor air insulated substations.



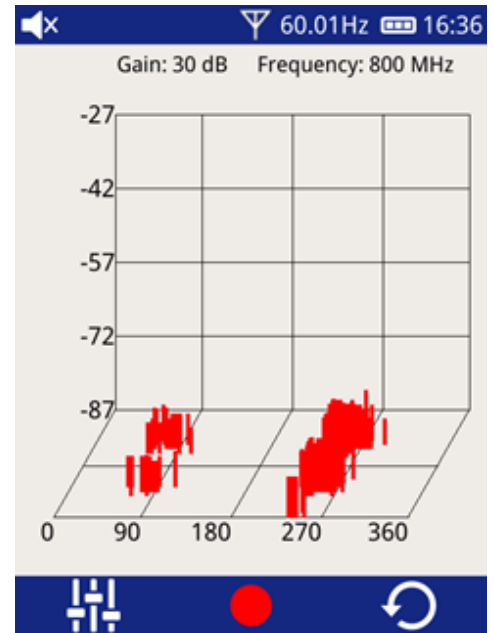
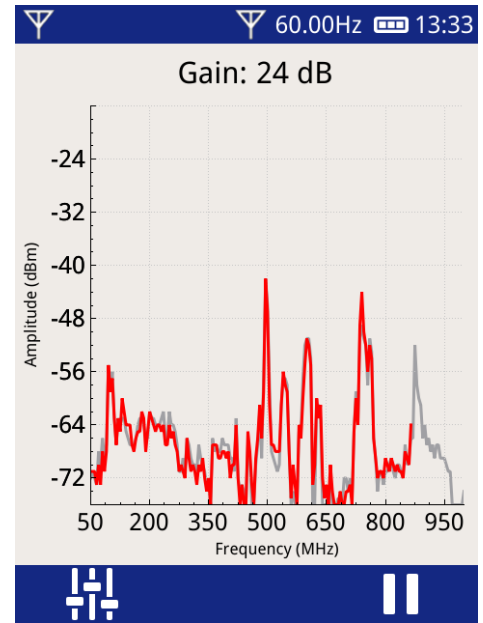
## UHF Receiver screens

The UHF receiver brings up new screens in the UltraTEV Plus2 Including a full spectral sweep and a 3-d Phase resolved plot.

## Compatibility with UltraTEV Plus2

The UHF receiver can be used with any UltraTEV Plus 2 with hardware version 8 or later. Earlier versions will need to be returned to the factory of an upgrade. The UHF interface requires version 3.5 software or later. This is available as a no charge download from the factory.

Feature	Specification
UHF interface dimensions	3.25" x 1.85" x 1.75"
Directional Antenna Dimensions	17.5" x 17.5" x 4.0"
Whip Antenna Length	3.25"
Frequency range (with whip antenna)	50 Mhz – 1000Mhz
Minimum hardware version	8
Minimum software version	3.5



# Global Footprint

At EA Technology we specialise in asset management solutions for owners and operators of power network assets.



**Founded in 1966 we have over 50 years' experience in the industry and 6 regional offices around the world to support our global customer base.**

We work with a lot of our clients on a long-term basis to help them safeguard their power networks.

We advise our clients on strategy and implementation of a range of technology solutions to manage power assets, delivering maximum life and minimise cost



Safer, Stronger, Smarter Networks

EA Technology LLC  
400 Morris Ave  
Suite 240  
Denville NJ 07834 USA

(862) 261-2759  
e sales@eatechnologyusa.com  
[www.eatechnology.com](http://www.eatechnology.com)