

# 1 GHz Spectrum Analyzer

This 1 GHz spectrum analyzer is designed for radio and TV broadcasting applications. It features a frequency range of 0.15 to 1000 MHz, a resolution bandwidth of 100 Hz to 1 MHz, and a dynamic range of 70 dB.



## Overview

### High-Performance Spectrum Analysis

The ATS5010 is a professional-grade spectrum analyzer engineered specifically for demanding radio and TV broadcasting environments. With a broad frequency coverage and precise resolution bandwidth, it provides the essential tools required for interference analysis and signal monitoring. Its intuitive interface and high-visibility display ensure efficient operation during complex component testing and site maintenance tasks.

## Technical Specifications

### Frequency Range

**0.15 MHz**  
Start Frequency

**1000 MHz**  
Stop Frequency

Resolution Bandwidth	100 Hz to 1 MHz
Dynamic Range	70 dB
Input Impedance	50 $\Omega$

## Application & Features

### Core Features

- Large high-visibility display
- User-friendly control interface
- High-performance signal processing
- Broadband input capabilities

### Key Applications

Radio Broadcasting, TV Broadcasting, Signal Monitoring, Interference Analysis, Component Testing