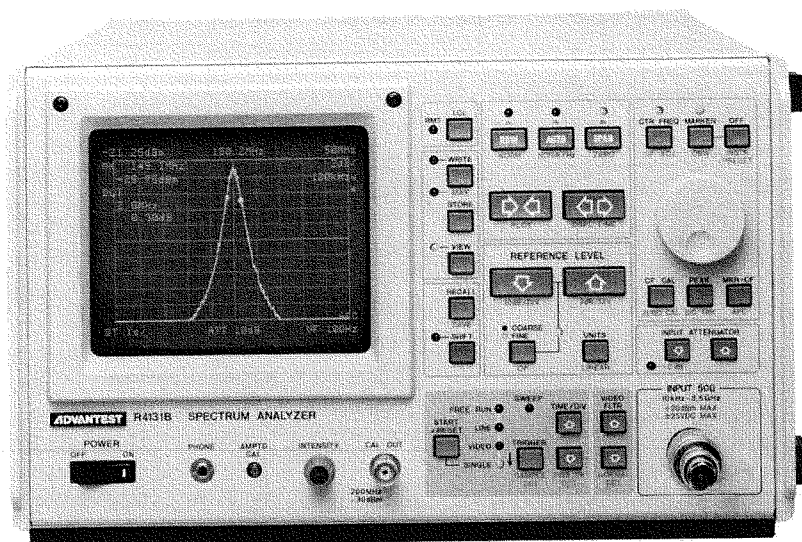


Spectrum Analyzers

10 kHz to 3.5 GHz

R4131 Series

- Wide Frequency Range 10 kHz to 3.5 GHz
- Choose From Among 4 Types, Depending on Application
- Excellent Noise Sidebands -80 dBc (R4131D/DN)
- Auto-Recall Function
- Waveforms Can Be Saved In Memory
- OP Value Measurement Function



R4131 Series Spectrum Analyzers

R4131 Series are lightweight and compact spectrum analyzers which can cover a wide bandwidth of 10 kHz to 3.5 GHz in a single sweep.

The R4131 series features a maximum input sensitivity of -116 dBm, a dynamic range of 70 dB and a noise sidebands of -80 dBc or better.

Especially, the D type analyzer provides AFC (Automatic Frequency Control), enabling highly stable spectrum analysis.

The ease of use has been improved through the Memory Function which stores measurement conditions such as waveform and the Auto Recall Function which recalls measurement conditions when the power is turned on. In addition to these new features, these analyzers use the proven spectrum analysis expertise of ADVANTEST, with standard features of field strength measurements compensated for antenna calibration factor and quasipeak value measurements conforming to CISPR standards. For systemization, a GPIB interface is provided as standard and there is wide variety of direct plotting and video signal outputs.

■ **Portable, With Wide-Range 10 kHz to 3.5 GHz Measurement**

The R4131 Series are high performance spectrum analyzers which cover the wide frequency range of 10 kHz to 3.5 GHz, allowing a spectrum to be viewed in a single sweep. At a weight of about 10 kg, the series has excellent portability. It can be used for such diverse applications as 3rd harmonic measurements of 900 MHz-band mobile radio equipment, receive field strength measurements of satellite broadcasts, evaluation of CATV equipment and maintenance of CATV systems.

- Automatic Measuring of Occupied Bandwidth (R4131D)
- Choose from 4 Models, Depending upon Your Application

The R4131 Series consist of 4 models, enabling selection for various application requirements. All models feature high performance, so you can choose the model most suited for your application.

	R4131C	R4131CN	R4131D	R4131DN
Frequency range	10 kHz to 3.5 GHz			
Input impedance	50 Ω	75 Ω	50 Ω	75 Ω
Center frequency display accuracy	± 10 MHz		± 100 kHz	
Positive/negative display	No		Yes	
Field strength measurement	Standard		Standard	
Quasi-peak value measurement	Standard		Standard	
GPIB	Standard		Standard	
Occupied bandwidth measurement	No		Standard	No

■ Save/Recall Function for Conditions and Waveforms

The R4131 Series has a save/recall function which operates not only measurement condition settings but for waveforms as well. Three sets of conditions and waveforms are stored and recalled. This enables a stored waveform to be used as a reference in comparison measurements at different locations. Independent from this function, is an auto-recall function that serves to automatically set the desired measurement conditions when power is switched on, a great convenience in making onsite measurements.

■ Video Signal Modulation Analysis