ROHDE&SCHWARZ
Make ideas real

R&S®UPP AUDIO ANALYZER
Multichannel and cost-efficient

The perfect choice for

Audio analysis	HDMI™ applications
Measurements on multichannel devices	Measurements on mixed interfaces

Multichannel and cost-efficient, for use in the lab and in production
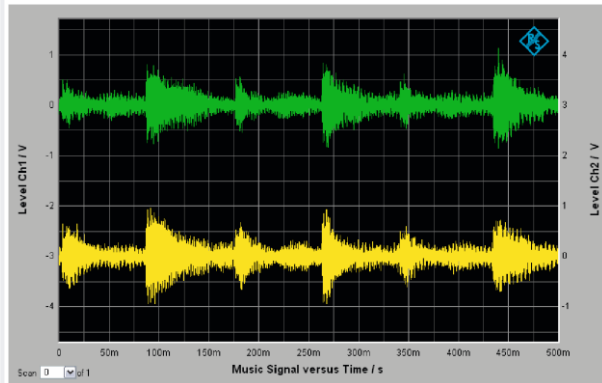
The compact cost-efficient R&S®UPP200 audio analyzer is designed for system applications. It features low height and comes without front panel control elements or integrated display.

► Suitable for all interfaces: analog, digital and combined
► HDMI™ device testing
► Up to 80 kHz bandwidth and 200 kHz sampling rate

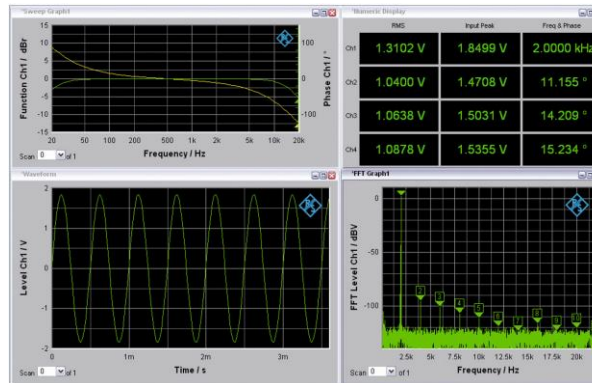| Key specifications	
Analog analyzer	
Frequency range	DC/20 Hz to 21.76/40/80 kHz
Audio range (RMS, sine)	1 µV to 50 V
Measurement functions	RMS wideband, RMS selective, peak, S/N, DC, FFT, THD, THD+N, SINAD, Mod Dist, DFD, polarity, waveform, frequency, phase, group delay
Analog generator	
Source impedance	25 Ω/600 Ω selectable
Voltage (balanced)	0.2 mV to 14 V
Voltage (unbalanced)	0.1 mV to 7 V
Frequency range	0.1 Hz to 80 kHz
Output signals	sine, stereo sine, multisine, sine burst, Mod DIST, DFD, noise, arbitrary waveform, polarity, DC, play WAV files

Your benefit	Features
Powerful and fast	► Parallel measurements for high throughput ► High measurement speed throughout the system ► Ideal for use in production ► Multichannel measurements by means of cascading
All test signals and measurement functions in a single box	► Powerful and even multichannel FFT analysis ► User-programmable filters that can be adapted in seconds to the individual measurement task ► Integrated control PC
Convenient operation throughout	► State-of-the-art and intuitive user interface makes operation quick and easy to learn ► All measurement results at a glance ► Effective online help functions

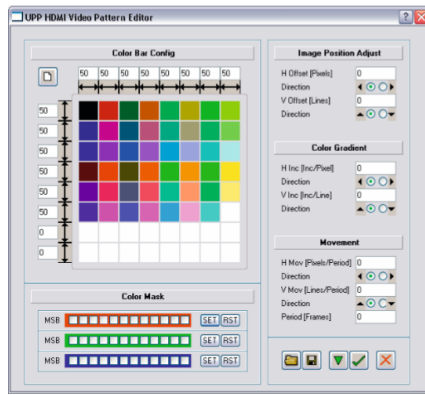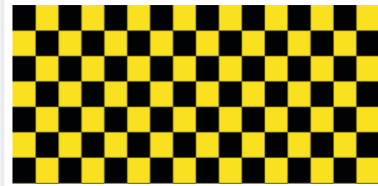## All test signals and measurement functions in a single box

Complex test signals from WAV files can be output at all interfaces; in this example, the waveform function shows the time characteristic of a dualchannel music signal.

All measurement results at a glance

Everything at a glance: Multiple measurement diagrams can be arranged in any desired configuration on the screen; analyses in the frequency and the time domain can be displayed simultaneously.

Video pattern generator and four test patterns