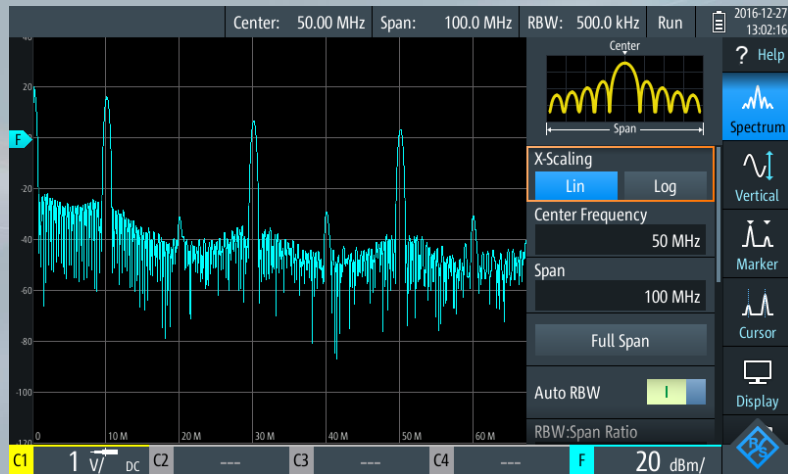


RTH-K18 – Spectrum Analysis Option



RTH-K18 Spectrum Analysis

Powerful and flexible

■ Digital down-conversion concept with direct frequency input:

- Center, span and resolution bandwidth

■ Linear and logarithmic freq. scale

5 window types

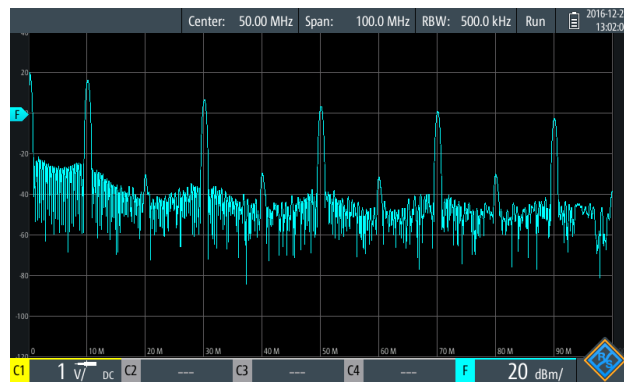
- Rectangular, flat-top, hamming, hann and blackman

■ Spectrum analyser display modes:

- Min-/ max-hold, clear/write, average

■ Easy to use because of fast update rate

Linear frequency axis



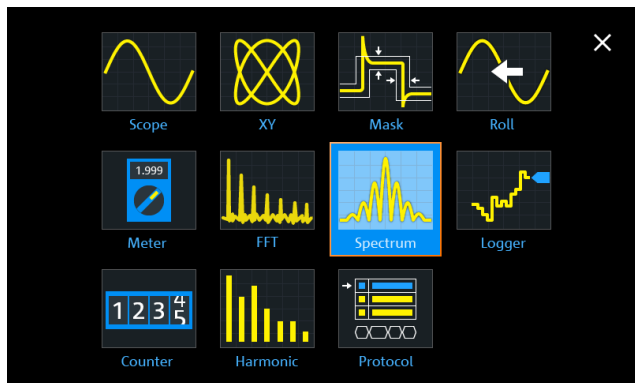
Logarithmic frequency axis



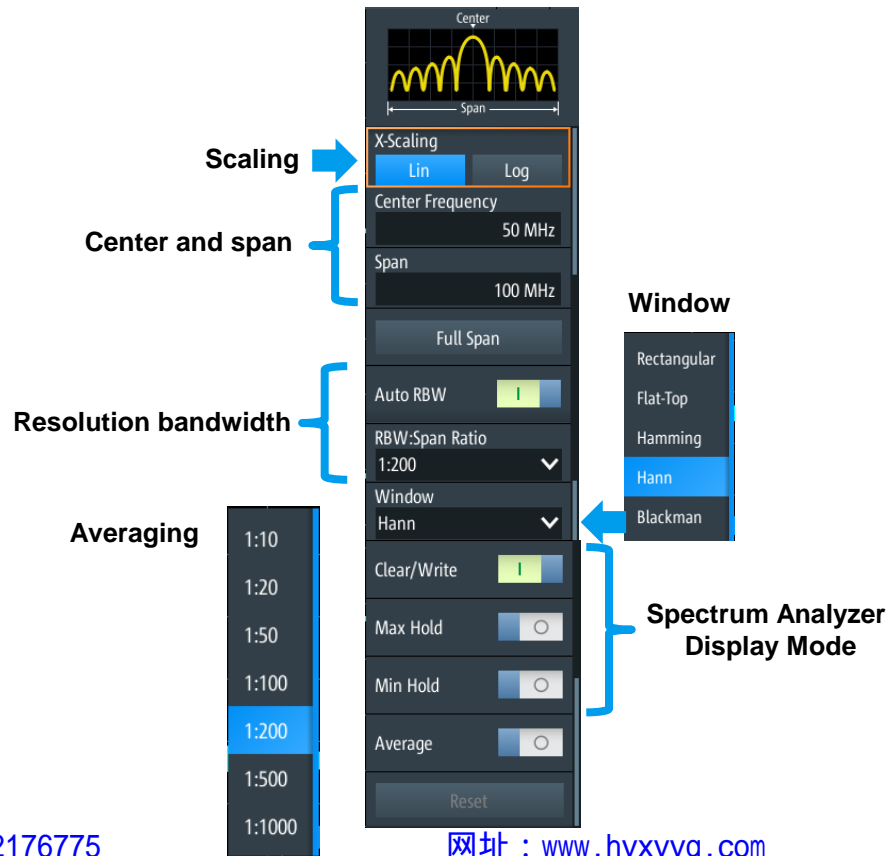
RTH-K18 Spectrum Analysis

Powerful but yet easy to use

A) Enter spectrum mode via



B) Easily configure in menu



Scaling → X-Scaling: Lin (selected), Log

Center and span → Center Frequency: 50 MHz, Span: 100 MHz

Resolution bandwidth → Auto RBW: [ON], RBW:Span Ratio: 1:200

Averaging → 1:10, 1:20, 1:50, 1:100, 1:200 (selected), 1:500, 1:1000

Window → Rectangular, Flat-Top, Hamming, Hann (selected), Blackman

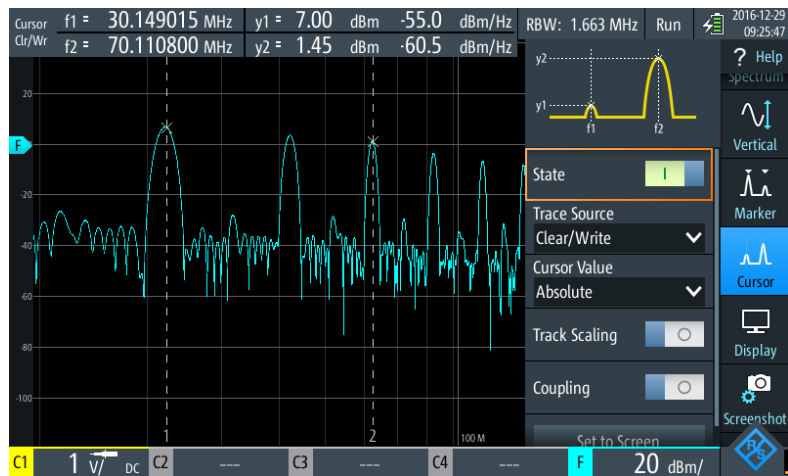
Spectrum Analyzer Display Mode → Clear/Write: [ON], Max Hold: [OFF], Min Hold: [OFF], Average: [OFF]

Reset

RTH-K18 Spectrum Analysis

Cursor and Marker Functionality

Tracking cursor functionality



Up to 15 automatic markers

