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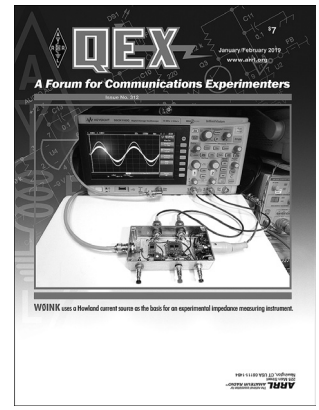
## About the Cover

Virgil Leenerts, W0INK, bases an experimental impedance measuring instrument on a Howland ac current source, a digital storage oscilloscope (DSO), Frequency Response Analysis (*FRA*) software and a waveform generator. The instrument needs no calibration and depends only on the measurement of ratios with a known value of a reference resistor. Using *FRA* software, Leenerts shows examples of impedance measurements of a capacitor, an inductor, a parallel RC network, telephone coupling audio transformer, and a tubular ferrite. In another example, he measures a capacitor without using the *FRA* software.

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