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About the Cover

Dr. George R. Steber, WB9LVI, reviews a tiny vector network analyzer (VNA) introduced for about US$50 and compares its capabilities with full-featured lab-grade analyzers that cost thousands of dollars. An RF VNA is the instrument of choice for measuring the electrical parameters of antennas, components, filters and more. Dr. Steber describes his experiences with the tiny VNA, termed a NanoVNA. He begins with a short description of some technical specifications, and relates how he acquired the NanoVNA. He then includes historical details on the evolution of the product. Next, he describes the general architecture of the instrument, and finally he describes the operation of the unit and including examples.