

RF Analysis Right at Your Finger Tips

Written by Bob Snyder
01. 07. 2013



Imagine having the power of RF analysis right at your fingertips. Well, we've found a handheld touch tablet RF Analyzer from Kaltman Creations called the **RF-Vue** that offers just that.

The RF-Vue is offered in several versions, but the flagship model is the RF-Vue T10, a handheld unit integrated into a 10-inch Windows 8 touch tablet. The RF-Vue T10 covers the standard wireless microphone and IEM frequency range of 470MHz to 700MHz. Additional models are available that offer greater frequency ranges, plus there are standalone RF electronics/software modules for use with user-supplied computers or tablets.

The analyzer has full finger navigation functions so the user can pinch, expand-zoom, and slide through the RF spectrum with ease. As a true handheld RF spectrum analyzer, the user can enter any frequency sweep range (within the range of the analyzer), and view the RF spectrum looking for open RF space for channel selections, interference avoidance or interference troubleshooting, all in real-time. The unit features current, average and peak spectral traces, Touch-to-Listen (listen in to all RF space); a RF Congestion Scale to gauge the severity of local RF, customizable screen markers and insta-save custom profiles. As an added option, the recently released Invisible Waves RF intermodPRO also integrates right into the RFVueT for simultaneous intermodulation calculations based off of the real-time spectral display.

The analyzers are sold in several different affordable packages. The RF-Vue T10 is integrated into a 10-inch Touch Tablet with Windows 8, and lists for \$1,750 and the RF-Vue T10X is an

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extended frequency version that covers 40MHz up to 2.5GHz and therefore covers all VHF and UHF microphones, IEM's, assisted listening and remote control equipment, including the 900MHz, 1.9GHz and 2.4GHz bands. It lists for \$1,995. Other versions include the RF-Vue NT, which is an electronics/software only version for USB connection to the user's own tablet or laptop computer, with pricing starting at \$1,095, and the RF-Vue NTX, which covers 40MHz to 2.5GHz covering VHF, UHF, cellular, Wi-Fi, etc., with a list of \$1,350.

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