



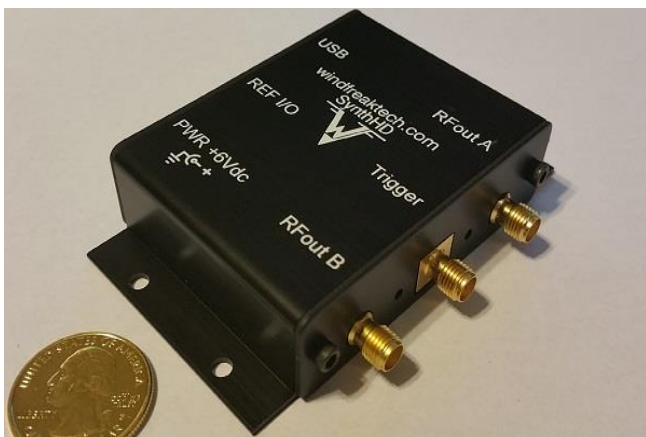
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WINDFREAK TECH RELEASES INNOVATIVE LOW COST RF SIGNAL GENERATOR

SynthHD: 54MHz – 13.6GHz Dual Channel RF Signal Generator

Holiday, FL, June 1, 2015– Windfreak Technologies, LLC. is excited to announce the launch of the SynthHD, a highly portable device, which ushers in a new era of low cost Microwave Signal Generation. The SynthHD is a compact 54MHz to 13.6GHz software tunable, dual channel RF signal generator controlled by a PC running Windows or Linux via its USB port. HD stands for High Definition and the SynthHD is high definition in every way. It has a 38 bit modulus, which allows frequency stepping well below 0.1Hz on each channel. Control relative phase between channels to less than a milli-degree and amplitude to 0.01dB all while producing up to +22dBm of power per channel!



The SynthHD has powerful software and firmware features such as sweeps, lookup table frequency and amplitude hopping, pulse modulation, AM, FM and FMCW pulsed chirps. Experiment with dual super-het LO generation, quadrature LO generation, antenna beam steering and more. The SynthHD is a great addition to test equipment either in a lab environment or as a highly portable device used in the field. Also, the SynthHD works well as a basic building block in microwave communications systems.

“The SynthHD is an innovative, affordable RF alternative without having to scarify quality, reliability

and performance”. David Goins, CTO.

Windfreak Technologies provides low cost, quality, innovative RF products that are used in a wide range of highly technical applications. Since the conception of WFT, we have introduced products that have been purchased by a wide range of customers from around the world, including hobbyist to education facilities to Government agencies. Our continued commitment is to keep our overheads extremely low, which enables us to provide high quality, low cost, made in the USA products.

If you would like more information about this topic, please contact David Goins at 727-490-8812 or email at dgoins@windfreaktech.com.