HPSDR

High Performance Software Defined Radio

The HPSDR Project is a new type of project for amateur radio. It is a cooperative effort to develop a state of the art transceiver. The plans are to create a transceiver with performance defined in software customizable by the amateur. Currently we have support from TAPR and AMSAT. Currently modules are being made available through TAPR. There is a Teamspeak forum where we talk about it on Friday evenings.

Currently there are a number of boards in development, motherboard, FGPA, DSP etc. Atlas the motherboard is available from TAPR. When the other designs have been tested they should be available as well.

One of the reasons that this is such an exciting project is the world wide participation. Development is going on around the clock. There are inputs coming from Europe, the Americas, and Australia. Most radio development that I have worked on in the past was dominated by RF engineers. That used to make sense, now with FPGA's and DSP moving in on what used to be RF territory, better ways to do things have emerged. We are attracting, or they are invading, digital engineers who are helping us make a more versatile radio.

Additional Links

HPSDR Website: http://openhpsdr.org/

TAPR: www.**tapr**.org   http://www.tapr.org/kits.html

AMSAT: www.**amsat**.org/

CSVHS: www.**csvhfs**.org