

## New Protocol FPGA notes.

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- The code is set for 4 receivers. This can be changed by setting 'NR' to a different value. Increasing the number of receivers may cause the code to fail.
- Sometimes when selecting synchronous receivers the I&Q values are not synchronous. A minor change to the code can fix or cause this.
- Minor changes to the code can prevent one or more receivers from working correctly. This appears to be issues in the sdc file but so far I've not been able find the cause of this. Minor changes can also cause sequence numbers to be sent incorrectly.
- A version of PowerSDR that supports the new protocol can be obtained from Warren, NR0V, ([warren@wpratt.com](mailto:warren@wpratt.com)). A test version of KISS Konsole that supports the new Protocol can be obtained from myself ([phil@pharman.org](mailto:phil@pharman.org)).
- The UDP port numbers to send/receive data to/from are currently hard coded.
- There is a limit of 80 receivers and 8 ADCs.