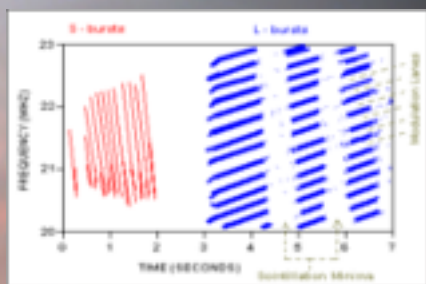
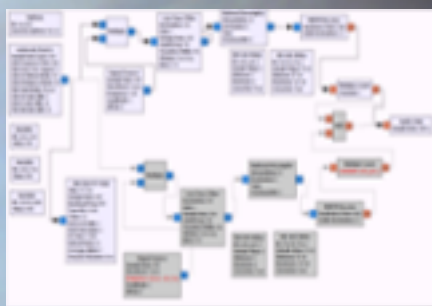
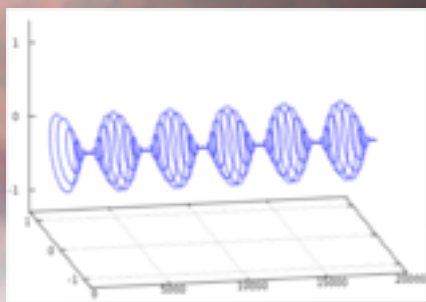
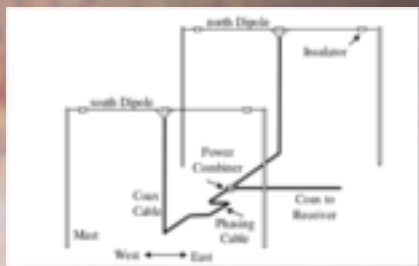


Software Defined Radio Telescope
MSc in Computing
David Kirwan - 00346128
Supervisors Dr Alan Davy &
John Ronan



Jupiter's moon Io controls the emission of radio transmissions in the decameter wavelength range (10 - 100m). With the availability of cheap software defined radio solutions these emissions can now be collected by the amateur astronomer on a budget.

SDRT is an Open Source SDR solution and telescope design which may be of use to amateur radio astronomers to aid in the collection of these emissions.

