



splotRF Product Description

splotRF is used to view, plot and edit s-parameter data. It supports S, Y and Z matrices for an arbitrary number of ports. splotRF features the ability to interpolate over frequency, read zip archives and export high quality vector graphics to pdf.

Key Features

- arbitrary number of ports (.s1p, .s2p, s3p...snp support)
- S/Y/Z matrix conversion
- mA/ri/dB formatting
- interpolation over frequency
- reads .zip archives
- exports vector graphics to .pdf
- plotting display properties and configuration are saved within file comments
- automated grid layout

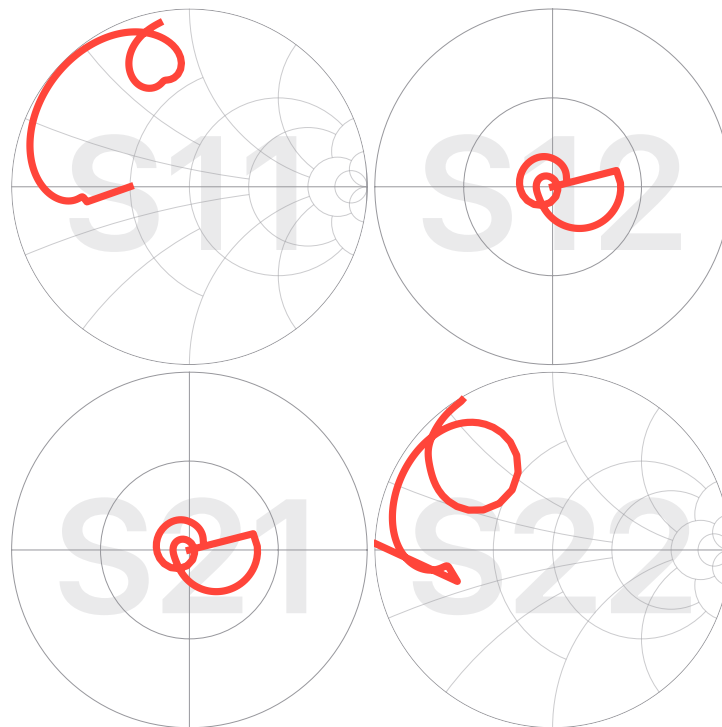


Figure 1. Example of splotRF grid display

Example s-parameter file

```
! DirectRF splot
# GHz S ma R 50
1 0.5 45
2 0.6 50
3 0.5 60
4 0.4 70
```

Figure 2. Example s-parameter file for 1-port. Comments begin with ! character

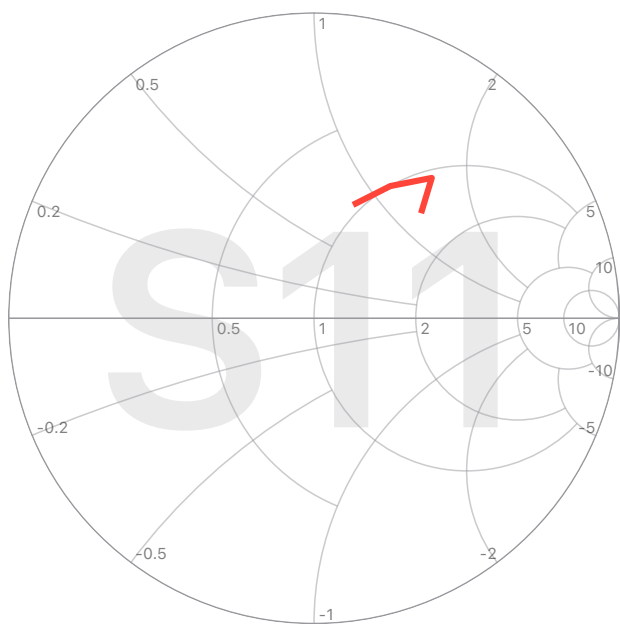


Figure 3. Smith Chart view

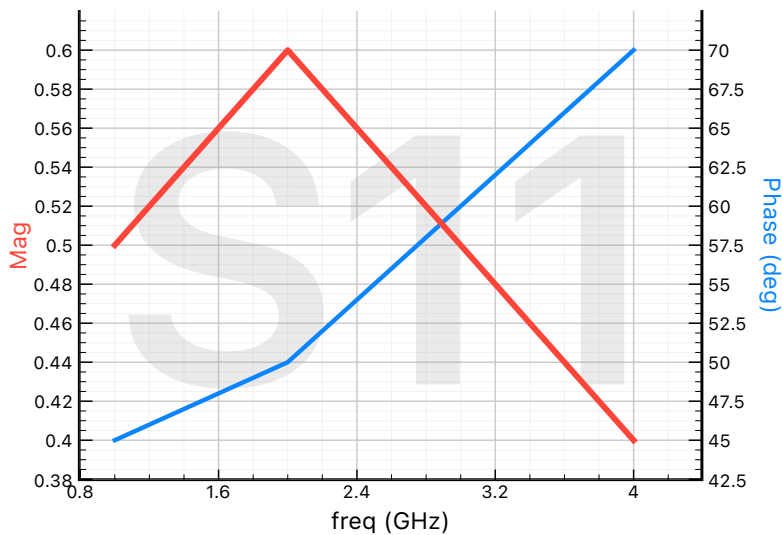


Figure 4. Rectangular view