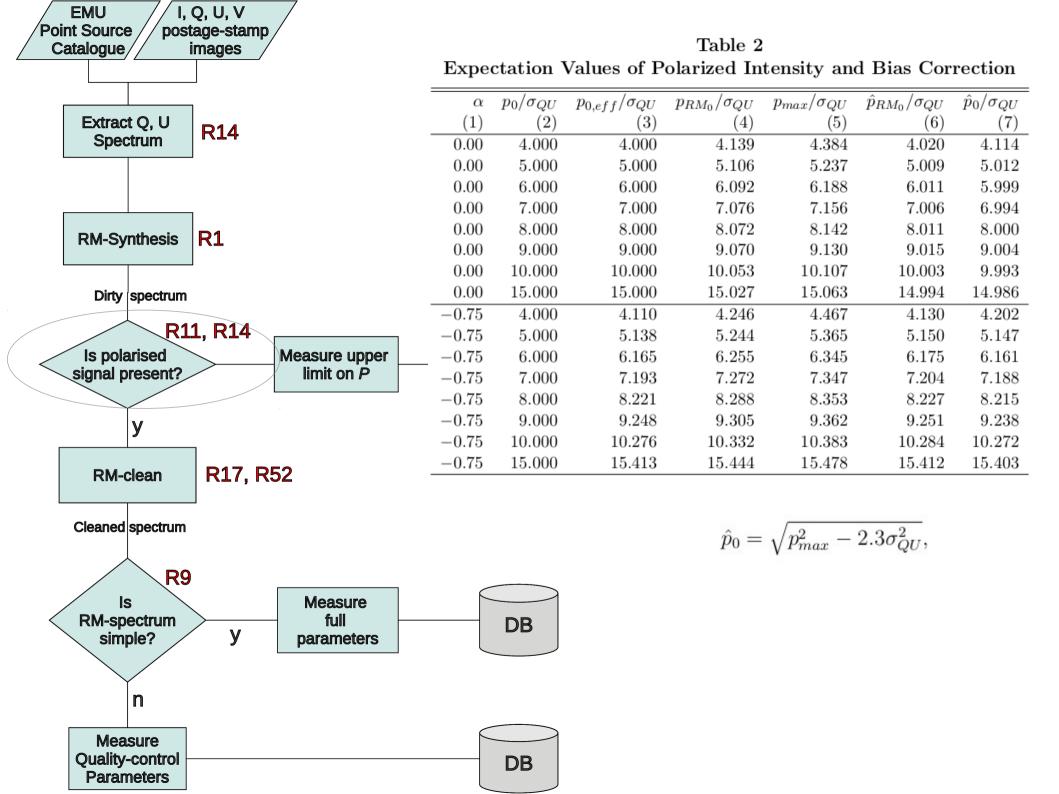
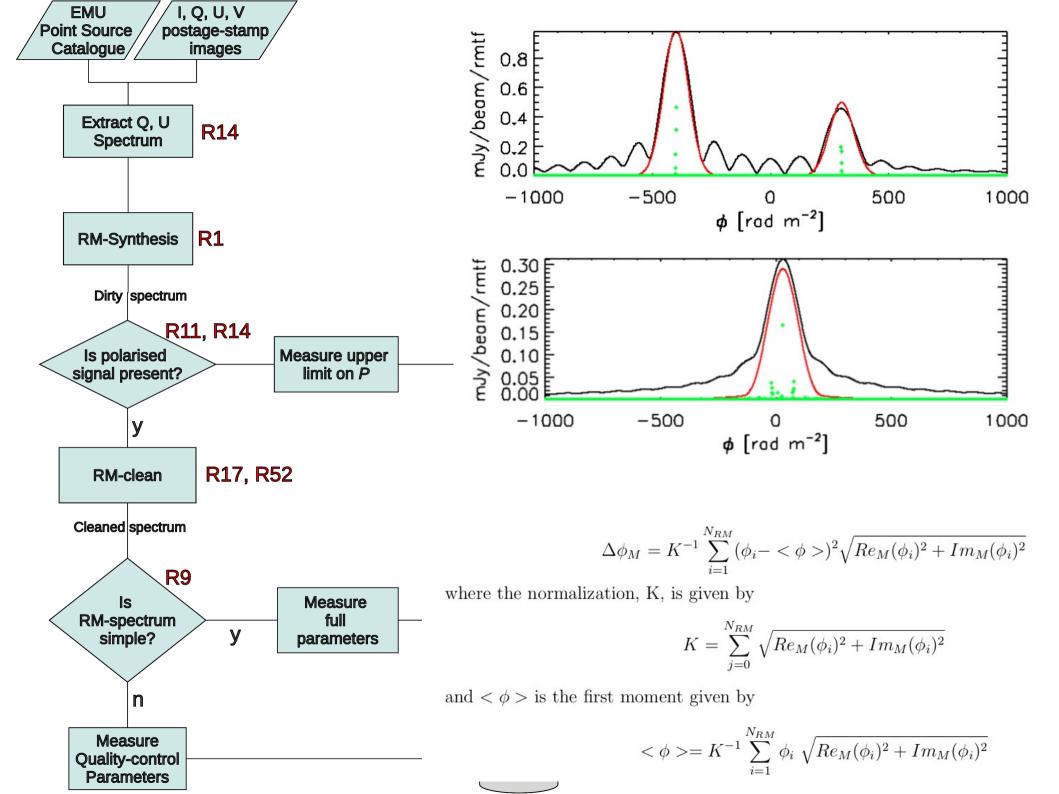


$$S_{N \times N} = \sum_{l=-M}^{M} \sum_{m=-M}^{M} I_{l,m},$$

$$P = f_{N \times N} S_{N \times N}.$$

$$f_{N \times N} = \left(\sum_{l=-M}^{M} \sum_{m=-M}^{M} \exp\left[-\frac{l^2 + m^2}{2\sigma^2}\right]\right)^{-1},$$





## Questions:

Should we now be considering Faraday Synthesis? Is this possible as it requires a separate imaging pipeline?

Currently writing an end-to-end pipeline written in Python and interfacing with a MySQL database. Is this suitable for transfer to the ASKAPsoft team?

Algorithims & Modules in well-commented procedures (based on Tim Robishaw's work).

Storage of measured parameters in a MySQL database (table definitions)

Storage of extracted parameters (Q, U & RM spectra) in FITS files

Interface with EMU:

How do we deal with multi-component sources? Do we just accept point sources?