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We assume that the input model is a single Stokes I plane, and that the object to be simulated in CASA is an unpolarized continuum source.

The bandwidth of the observations can be set using the "inwidth" parameter of the task [simobserve](#). Set this parameter to the effective bandwidth of the observations you intend to carry out, defined ALMA Technical Handbook. The ALMA [Technical Handbook](#) can be accessed via the "[Documentation](#)" page of the ALMA Science Portal.

Simobserve will put both polarizations (XX and YY) into the measurement set it generates and the resultant image by [simanalyze](#) will have both polarizations coadded.