

Upload flux information

In order to update the ALMA Calibrator database, if there were no problems with the flux calibration. **For Manual calibration only (?)**

Files to upload:

```
uid___A002_XYYYYYYY_XZZ.ms.split.ampli_short_inf.fluxscale2
```

```
uid___A002_XYYYYYYY_XZZ.ms.split.fluxscale
```

Please fill in any missing information in the comment section of the fluxscales2 file (look for the "??") and add any comment that could be helpful to assess the accuracy of the flux values, for example, if there have been issues with the Tsys measurements, or the SSO model fit, etc. (Note: by "producer" the text means your name!)

Both files together with the calibration script should be uploaded to the FTP server (**see instructions in the wiki**)

In case there is no solar system object observed as the flux calibrator in the execution, the calibration reduction script will not produce the fluxscale2 file, and only the fluxscale file together with the script should be uploaded.

#####

Measurements on ?? at Band ?? produced by ??

ASDM used: uid___A002_X8ba348_X85b

#

WVR correction applied

Additional flags applied in: ??

Using reference antenna: ??

Bandpass calibrator: ??

Absolute Flux Density from: Uranus

#

source scan elev

J0510+1800 4 44.38

Uranus 7 36.98

J0604+2429 9 34.53

J0604+2429 12 35.71

J0604+2429 14 36.67

J0604+2429 17 37.74

J0604+2429 19 38.16

#

Data Format[Units]:

sourceName , ra [Hour:Min:Sec] , ra_err [arcsec], dec [Degree:Min:Sec],dec_err [arcsec],

frequency [Hz], flux [Jy], flux_err [Jy],

degree [%], degree_err [%], angle [deg], angle_err [deg],

min_baseline [klambda], max_baseline [klambda], date_observed [YYYY-MM-DDT]

NE means No Entry

#

#

#####

source freq S dS %P d%P uvmin uvmax Date

J0510+1800, NE, NE, NE, NE, 92.54E+09, 1.6925, 0.0316, NE, NE, NE, NE, 0.0, -40.7, 2014-09-12

J0510+1800, NE, NE, NE, NE, 93.21E+09, 1.6893, 0.0473, NE, NE, NE, NE, 0.0, -40.7, 2014-09-12

J0510+1800, NE, NE, NE, NE, 90.70E+09, 1.6762, 0.0315, NE, NE, NE, NE, 0.0, -40.7, 2014-09-12

J0510+1800, NE, NE, NE, NE, 92.01E+09, 1.7041, 0.0157, NE, NE, NE, NE, 0.0, -40.7, 2014-09-12

J0510+1800, NE, NE, NE, NE, 103.88E+09, 1.5892, 0.0116, NE, NE, NE, NE, 0.0, -40.7, 2014-09-12

J0510+1800, NE, NE, NE, NE, 102.01E+09, 1.6043, 0.0164, NE, NE, NE, NE, 0.0, -40.7, 2014-09-12

J0604+2429, NE, NE, NE, NE, 92.54E+09, 0.1836, 0.0337, NE, NE, NE, NE, 0.0, -38.7, 2014-09-12

J0604+2429, NE, NE, NE, NE, 93.21E+09, 0.1580, 0.0111, NE, NE, NE, NE, 0.0, -38.7, 2014-09-12

J0604+2429, NE, NE, NE, NE, 90.70E+09, 0.1750, 0.0182, NE, NE, NE, NE, 0.0, -38.7, 2014-09-12

J0604+2429, NE, NE, NE, NE, 92.01E+09, 0.1641, 0.0152, NE, NE, NE, NE, 0.0, -38.7, 2014-09-12

J0604+2429, NE, NE, NE, NE, 103.88E+09, 0.1280, 0.0118, NE, NE, NE, NE, 0.0, -38.7, 2014-09-12

J0604+2429, NE, NE, NE, NE, 102.01E+09, 0.1360, 0.0118, NE, NE, NE, NE, 0.0, -38.7, 2014-09-12

#

#####

Fill in the ??? parts:

– measurements on: date (wiki says source names...)

– ALMA band

– produced by: analyst name

and other important information (any manual flags, bandpass calibrator used, refant).

Note that this was an ACA and WVR was not applied!