# Issues

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated |
|---|---------|---------|--------|----------|---------|----------|---------|
| 4365 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Annual Report writing | Theo Stassen | 23/04/2024 03:24 PM |
| 4364 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Benchmarking of the code execution for really big files | Theo Stassen | 23/04/2024 03:22 PM |
| 4363 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Resolve massive problem of performance for SID 2 long files calibration and plot code | Theo Stassen | 23/04/2024 03:22 PM |
| 4362 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Meeting with Alessandro on the calibration results | Theo Stassen | 23/04/2024 03:18 PM |
| 4361 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Produce and test the creation of big quicklooks with calibrated data | Theo Stassen | 23/04/2024 03:18 PM |
| 4360 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create new file prepare_data_for_plot which will handle completely the preparation of data before plotting | Theo Stassen | 23/04/2024 03:16 PM |
| 4347 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add the temperature waveform to plot_data, as part of the default quicklook plot | Theo Stassen | 08/04/2024 04:49 PM |
| 4346 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Complete reshape of the method to give and prepare data for plot data | Theo Stassen | 08/04/2024 04:43 PM |
| 4345 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | major change : all the extracted content is now in a dict "input_content" | Theo Stassen | 08/04/2024 04:34 PM |
| 4344 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Test the extract of temperatures data | Theo Stassen | 08/04/2024 04:32 PM |
| 4343 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Search different support data (temperatures, reaction wheels, etc) | Theo Stassen | 08/04/2024 04:31 PM |
| 4328 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Research to find a standardisation system for logging, and experiments | Theo Stassen | 21/03/2024 03:01 PM |
| 4330 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Reshape the write log part, with traceback printing, with log name gestion, log message levels, log level variable, etc | Theo Stassen | 21/03/2024 03:00 PM |
| 4329 | JUICE-SCM/Ground Segment | Feature | Resolved | Normal | Implement a logging code levels system | Theo Stassen | 21/03/2024 02:58 PM |
| 4327 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Resolve the problem concerning SID3 2024 extraction | Theo Stassen | 21/03/2024 02:37 PM |
| 4326 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Resolve the problem concerning cdfs epoch extraction for 2024 | Theo Stassen | 21/03/2024 02:36 PM |
| 4325 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Generate a directory with quicklooks of all cdfs from 2023/2024 | Theo Stassen | 21/03/2024 12:47 PM |
| 4311 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Develop a little code that for all cdfs in one dir,  make a table summarizing their content and quicklook them | Theo Stassen | 23/02/2024 07:00 PM |
| 4310 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Improve the GUI by adding a embedded window containing the print content | Theo Stassen | 23/02/2024 06:57 PM |
| 4309 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Find how to force the documentation to trigger error even for warnings | Theo Stassen | 23/02/2024 06:56 PM |
| 4308 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Change the way the datetimes are corrected | Theo Stassen | 23/02/2024 06:55 PM |
| 4307 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Clean and simplify the config files | Theo Stassen | 23/02/2024 06:54 PM |
| 4306 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Improve and simplify some parameters calls and use | Theo Stassen | 23/02/2024 06:53 PM |
| 4305 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Creation of a table documenting all parameters that can be set by the user, with default value and location | Theo Stassen | 23/02/2024 06:52 PM |
| 4287 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add of some modularisation in parameters | Theo Stassen | 23/02/2024 06:51 PM |
| 4286 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Update sphinx documentation for the new code organisation + modifications done when doing the pdf doc | Theo Stassen | 09/02/2024 06:56 PM |

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|---|---------|---------|--------|----------|---------|----------|---------|
| 4285 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Bug with MMS files now that the code has been changed a lot | Theo Stassen | 09/02/2024 06:55 PM |
| 4284 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modify the code to be coherent in physical units | Theo Stassen | 09/02/2024 06:53 PM |
| 4283 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Test the different SID, gather infos from the test, and cross infos with LFR manual | Theo Stassen | 09/02/2024 06:51 PM |
| 4282 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create pdf user documentation (Three first iterations) | Theo Stassen | 09/02/2024 06:49 PM |
| 4267 | JUICE-SCM/Ground Segment | Task | In Progress | Normal | Creation of a visual documentation of the code | Theo Stassen | 09/02/2024 06:47 PM |
| 4268 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make the writing and initialization parts separated from the others | Theo Stassen | 19/01/2024 07:06 PM |
| 4266 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Research for a method to easily and beautifuly document visually the code structure | Theo Stassen | 19/01/2024 07:02 PM |
| 4265 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add a system that allows to handle data without the need to compute their spectra | Theo Stassen | 19/01/2024 07:00 PM |
| 4262 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add multiple pytests (init, extract, display) | Theo Stassen | 12/01/2024 06:46 PM |
| 4261 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Discover of pytest and add to pre commit hooks | Theo Stassen | 12/01/2024 06:46 PM |
| 4260 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add documentation handle in pre commit hooks | Theo Stassen | 12/01/2024 06:45 PM |
| 4258 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Creation of a ruff pre commit hook | Theo Stassen | 12/01/2024 06:44 PM |
| 4257 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Discovering of the Ruff linter and formatter+ experiments | Theo Stassen | 09/01/2024 06:38 PM |
| 4256 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Gathering and analysis of all remaining open tasks | Theo Stassen | 09/01/2024 06:37 PM |
| 4245 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Change the code from pyenv environnement to poetry environment | Theo Stassen | 06/12/2023 02:23 PM |
| 4244 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Bug solving for spectrum computation problems | Theo Stassen | 06/12/2023 02:20 PM |
| 4243 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Documentation update, especially following the reorganisation of the python script use and the rework of the doc root | Theo Stassen | 06/12/2023 02:19 PM |
| 4242 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Documentation improvements following the professional training | Theo Stassen | 06/12/2023 02:18 PM |
| 4241 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Software exploration for documentation tools following the professional training. | Theo Stassen | 06/12/2023 02:17 PM |
| 4240 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Professional training about the distribution (and learn of automatisation tools) of python application | Theo Stassen | 06/12/2023 02:17 PM |
| 4239 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Improvements and bug resolve for temperature spectrum computing and plots | Theo Stassen | 06/12/2023 02:15 PM |
| 4237 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Modify the evaluation part (creation of spectrum and densities, display, plot) + configuration to plot different cdf data (temp for ex) | Theo Stassen | 28/11/2023 07:02 PM |
| 4236 | JUICE-SCM/Ground Segment | Feature | Resolved | Normal | Modify the data extraction method to allow the extract of completely different cdfs (temp for ex) | Theo Stassen | 28/11/2023 06:58 PM |
| 4235 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Find the cdfs with temperature data in it and test to extract them | Theo Stassen | 28/11/2023 06:56 PM |
| 4230 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add a check if we don't find cdfs in the time limits and stop the execution | Theo Stassen | 21/11/2023 06:51 PM |
| 4229 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Update documentation for time/solo extract | Theo Stassen | 21/11/2023 06:50 PM |
| 4228 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make the GUI a general tool, replacing the interact interface | Theo Stassen | 17/11/2023 07:01 PM |

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|---|---------|---------|--------|----------|---------|----------|---------|
| 4227 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Reorganisation of the python scripts for modularisation | Theo Stassen | 17/11/2023 06:57 PM |
| 4226 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Advances in the comparison between Matlab and python results | Theo Stassen | 17/11/2023 06:54 PM |
| 4223 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Find the problem of difference between matlab and python code | Theo Stassen | 13/11/2023 06:54 PM |
| 4222 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Make the GUI able to select what we want to plot + put default times | Theo Stassen | 13/11/2023 06:52 PM |
| 4221 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create a GUI for selection of a range of time to plot | Theo Stassen | 13/11/2023 06:50 PM |
| 4218 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make all the python and sh scripts using freely multiple or solo extract method | Theo Stassen | 07/11/2023 06:38 PM |
| 4216 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modify the extract argvs and env var method to handle solo and multiple extract in one time | Theo Stassen | 06/11/2023 12:12 PM |
| 4215 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modify the extract_cdf methods to have a merge between extract and time extract | Theo Stassen | 06/11/2023 12:05 PM |
| 4214 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create a sh script that use time extract, by specifying a time limits and a cdfs dir | Theo Stassen | 06/11/2023 12:03 PM |
| 4213 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Make the 'file name' in the plot readable (using of multiple lines) | Theo Stassen | 06/11/2023 12:02 PM |
| 4212 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create 'file name' used in plot resulting of the merge of multiple cdf files | Theo Stassen | 06/11/2023 12:01 PM |
| 4211 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | implement system to check the version of cdf files and take the chosen version of cdfs when doing time extract | Theo Stassen | 06/11/2023 11:59 AM |
| 4210 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Finish complete time extract method | Theo Stassen | 06/11/2023 11:57 AM |
| 4208 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | First version of a "time extract" method | Theo Stassen | 27/10/2023 05:44 PM |
| 4206 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Documentation complete add and upgrade | Theo Stassen | 27/10/2023 05:43 PM |
| 4207 | JUICE-SCM/Ground Segment | Support | Resolved | Normal | New tries concerning the differences between python and matlab results | Theo Stassen | 27/10/2023 05:43 PM |
| 4197 | JUICE-SCM/Ground Segment | Support | Resolved | Normal | Research with laurent about the difference of code results and experimentations | Theo Stassen | 17/10/2023 04:50 PM |
| 4196 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create script for documentation generation (cleaning/creation/show) | Theo Stassen | 17/10/2023 04:48 PM |
| 4195 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Documentation debugging | Theo Stassen | 17/10/2023 04:45 PM |
| 4193 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | register all remaining taks written these last month in a summarry document | Theo Stassen | 17/10/2023 04:44 PM |
| 4194 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Debug/resolution  of some little remaining tasks registered | Theo Stassen | 17/10/2023 04:43 PM |
| 4191 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make the script able to specify freely custom values of any parameters | Theo Stassen | 10/10/2023 06:56 PM |
| 4190 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make all the variables of input cdf be in output cdf | Theo Stassen | 10/10/2023 06:55 PM |
| 4188 | JUICE-SCM/Ground Segment | Bug | In Progress | Normal | The problem with JUICE results is not resolved | Theo Stassen | 06/10/2023 06:16 PM |
| 4187 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Code Analysis / Investigation / Tests / Experiments in order to have same spectra densities results than matlab code | Theo Stassen | 06/10/2023 06:15 PM |
| 4184 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Start the rework of documentation | Theo Stassen | 29/09/2023 06:52 PM |
| 4183 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Reorganise and document the display data part | Theo Stassen | 29/09/2023 06:50 PM |

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|---|---------|---------|--------|----------|---------|----------|---------|
| 4182 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Lot of new sh and python scripts added, around calibration and display data | Theo Stassen | 29/09/2023 06:48 PM |
| 4179 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Juice files first calibration | Theo Stassen | 29/09/2023 06:47 PM |
| 4181 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Code reorganisation to have scripts separately + debuging | Theo Stassen | 29/09/2023 06:47 PM |
| 4180 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | JUICE quicklook analysis | Theo Stassen | 29/09/2023 06:45 PM |
| 4172 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Adapt the calibration / evaluation code to allow JUICE files | Theo Stassen | 18/09/2023 02:07 PM |
| 4171 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add buttons to change the content struct | Theo Stassen | 18/09/2023 02:02 PM |
| 4157 | JUICE-SCM/Ground Segment | Task | In Progress | Normal | Create interactive version of quicklook, to analyse cdf data | Theo Stassen | 18/09/2023 02:02 PM |
| 4168 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Improve and resolve problems / bugs concerning interactive plots | Theo Stassen | 18/09/2023 01:55 PM |
| 4165 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modify deeply the code organisation to have separate part for compare cdfs / interactive plot and one function (plot data) for all plots | Theo Stassen | 08/09/2023 06:51 PM |
| 4164 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modify the visuals of interactive and static quicklook to be more modular | Theo Stassen | 05/09/2023 06:38 PM |
| 4163 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Fusion the static and interactive quicklooks by using same plot functions (same fig/axs handle) -> make it modular | Theo Stassen | 05/09/2023 06:36 PM |
| 4160 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create a version of quicklook with some parameter buttons that modify spectra | Theo Stassen | 31/08/2023 06:29 PM |
| 4159 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Find proper solution for zoom / move of data | Theo Stassen | 31/08/2023 06:28 PM |
| 4158 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Find proper tools and solutions fo allow data refresh in quicklook | Theo Stassen | 31/08/2023 06:24 PM |
| 4155 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create and improve the scripts to have 3 fully independent and functional scripts | Theo Stassen | 28/07/2023 07:02 PM |
| 4024 | JUICE-SCM/Ground Segment | Task | New | Normal | Première version calibration python | Theo Stassen | 28/07/2023 07:02 PM |
| 4154 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add systematical logs for each steps (with error excepts, errors, warnings, infos) in evaluation part and the rest | Theo Stassen | 28/07/2023 07:00 PM |
| 4151 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Reorganisation of kernel construction | Theo Stassen | 21/07/2023 06:56 PM |
| 4150 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modify the extract data/ epoch part to handle JUICE SID 1/2/3/7 separetely | Theo Stassen | 21/07/2023 06:52 PM |
| 4149 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add systematical logs for each steps (with error excepts, errors, warnings, infos) in calibration part | Theo Stassen | 21/07/2023 06:51 PM |
| 4145 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create generic log printer (for log file and/or terminal) | Theo Stassen | 17/07/2023 11:03 AM |
| 4140 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Resolve the problem with epochs to be able to quicklook data | Theo Stassen | 10/07/2023 04:56 PM |
| 4139 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Take the python code of David Pisa instead of Matlab code | Theo Stassen | 10/07/2023 04:52 PM |
| 4138 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Produce a waveform plot of JUICE data using code based on matlab code | Theo Stassen | 10/07/2023 04:49 PM |
| 4133 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Adapt the matlab code for cdf data extraction (JUICE sid7) | Theo Stassen | 10/07/2023 04:46 PM |
| 4131 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Resolve problems with venv / conda  conflict on local machine | Theo Stassen | 03/07/2023 04:56 PM |

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|---|---------|---------|--------|----------|---------|----------|---------|
| 4132 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make the cdf data extraction modular to prepare the different extraction needed | Theo Stassen | 03/07/2023 04:52 PM |
| 4130 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement a first bash script, with auto venv use | Theo Stassen | 03/07/2023 04:49 PM |
| 4129 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Resolve plenty of problems concerning configHandler | Theo Stassen | 03/07/2023 04:48 PM |
| 4126 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modify config handler (config file gestion) and adapt to the new config handler use in every functions | Theo Stassen | 27/06/2023 11:50 AM |
| 4125 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make inline arguments gestion modular, in separate function, to use it in all scripts | Theo Stassen | 27/06/2023 11:45 AM |
| 4124 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create script with inline inputs, for calibrate and quicklook | Theo Stassen | 23/06/2023 12:02 PM |
| 4123 | JUICE-SCM/Ground Segment | Bug | Resolved | Normal | Resolve problems with epochs | Theo Stassen | 23/06/2023 11:58 AM |
| 4122 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make correct and complete quicklook, with same infos than MMS IDL's one | Theo Stassen | 23/06/2023 11:54 AM |
| 4120 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add documentation on all code parameters | Theo Stassen | 19/06/2023 05:45 PM |
| 4117 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Adapt the code to have correct visual reprentation of SHCB results | Theo Stassen | 15/06/2023 06:33 PM |
| 4116 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Adapt the code to use SCHB mode | Theo Stassen | 15/06/2023 06:30 PM |
| 4113 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Reorganise functions (kernel conv window, waveform padding, set frequency first, calfactor | Theo Stassen | 09/06/2023 06:43 PM |
| 4112 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Add freq samp deducing function in deduce parameters | Theo Stassen | 09/06/2023 06:41 PM |
| 4110 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Analyse fichiers L1A JUICE | Theo Stassen | 08/06/2023 10:36 AM |
| 4109 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Rewrite the readme with a summary of the documentation | Theo Stassen | 08/06/2023 10:32 AM |
| 4108 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Sphinx documentation with cross referencing, complete explanations, structurations : evaluation part | Theo Stassen | 05/06/2023 06:31 PM |
| 4107 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Sphinx documentation with cross referencing, complete explanations, structurations : configuration  part | Theo Stassen | 05/06/2023 06:30 PM |
| 4106 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Sphinx documentation with cross referencing, complete explanations, structurations : calibration part | Theo Stassen | 05/06/2023 06:29 PM |
| 4105 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create functional Diagram of the code | Theo Stassen | 05/06/2023 06:27 PM |
| 4100 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Spectra powers plot / comparison | Theo Stassen | 30/05/2023 11:36 AM |
| 4103 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Modularisation of calibrate data block | Theo Stassen | 30/05/2023 11:36 AM |
| 4102 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Config Handler and config files modifications / improvements | Theo Stassen | 30/05/2023 11:35 AM |
| 4101 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Quicklook computation / plot | Theo Stassen | 30/05/2023 11:32 AM |
| 4099 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Spectra powers computation | Theo Stassen | 30/05/2023 11:16 AM |
| 4095 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement system of class extends for kernel creation and deduce_parameters | Theo Stassen | 17/05/2023 05:08 PM |
| 4093 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Make class for deduce parameter values, depending on other parameters | Theo Stassen | 17/05/2023 05:03 PM |
| 4089 | JUICE-SCM/Ground Segment | Task | In Progress | Normal | ConfigHandler modularity implementation | Theo Stassen | 17/05/2023 05:03 PM |

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|---|---------|---------|--------|----------|---------|----------|---------|
| 4094 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | kernel_creation.py reworked for modularity | Theo Stassen | 16/05/2023 04:31 PM |
| 4092 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | default / current / limits config gestion | Theo Stassen | 16/05/2023 04:28 PM |
| 4091 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Global attributes and cdf name gestion | Theo Stassen | 16/05/2023 04:27 PM |
| 4088 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Completely change ConfigHandler functioning | Theo Stassen | 16/05/2023 03:40 PM |
| 4087 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Spectra densities plot and comparison | Theo Stassen | 16/05/2023 03:24 PM |
| 4086 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Spectra densities computation | Theo Stassen | 16/05/2023 02:19 PM |
| 4085 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Reorganise and simplify spectra related functions | Theo Stassen | 05/05/2023 06:41 PM |
| 4084 | JUICE-SCM/Ground Segment | Support | Resolved | Normal | Investigate why results are in general better for antenna x than y and z | Theo Stassen | 05/05/2023 06:37 PM |
| 4083 | JUICE-SCM/Ground Segment | Feature | Resolved | Normal | Make documentation of all important implemented functions (concerning spectra and waveform manipulation) | Theo Stassen | 05/05/2023 06:35 PM |
| 4082 | JUICE-SCM/Ground Segment | Support | Resolved | Normal | Find why the computed spectrum is very different of ref, only for antenna y and z, probably a bug | Theo Stassen | 05/05/2023 06:32 PM |
| 4081 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create Function that compare idl spectrum and computed spectrum | Theo Stassen | 27/04/2023 06:19 PM |
| 4080 | JUICE-SCM/Ground Segment | Feature | Resolved | Normal | Write installation notice | Theo Stassen | 26/04/2023 05:46 PM |
| 4079 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create function that plot multiple spectrograms | Theo Stassen | 26/04/2023 05:44 PM |
| 4078 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement a simple spectrogram plot | Theo Stassen | 26/04/2023 05:42 PM |
| 4077 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement function that compute the spectrogram of a waveform | Theo Stassen | 26/04/2023 05:41 PM |
| 4076 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implementation of ConfigHandler class | Theo Stassen | 26/04/2023 05:39 PM |
| 4071 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | General class to compare waveforms, in order to compare easily different cdf results | Theo Stassen | 11/04/2023 03:11 PM |
| 4070 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement function that compare two l1b cdf file data | Theo Stassen | 11/04/2023 03:09 PM |
| 4069 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement the cdf writing of results | Theo Stassen | 11/04/2023 03:09 PM |
| 4067 | JUICE-SCM/Ground Segment | Task | In Progress | Normal | Create Calibrate CDF function | Theo Stassen | 11/04/2023 03:09 PM |
| 4068 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement the blocks separation, calibration and concatenation after being calibrated | Theo Stassen | 31/03/2023 06:07 PM |
| 4066 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement graphical comparison between idl and python calibration | Theo Stassen | 31/03/2023 06:03 PM |
| 4065 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Implement blk_con IDL function | Theo Stassen | 31/03/2023 06:03 PM |
| 4061 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | deconvo_vec convolution part | Theo Stassen | 24/03/2023 05:54 PM |
| 4062 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Correct the documentation strings warnings and pylint errors (if possible) | Theo Stassen | 17/03/2023 05:49 PM |
| 4060 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Unit test deconvo vec (for each window type) | Theo Stassen | 15/03/2023 04:31 PM |
| 4053 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create deconvo_vec function (kernel part) | Theo Stassen | 15/03/2023 04:31 PM |
| 4059 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Trapezoid window creation | Theo Stassen | 15/03/2023 04:31 PM |
| 4058 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Gaussian window creation | Theo Stassen | 15/03/2023 04:30 PM |
| 4057 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Coscub window creation | Theo Stassen | 15/03/2023 04:30 PM |

| # | Project | Tracker | Status | Priority | Subject | Assignee | Updated |
|---|---------|---------|--------|----------|---------|----------|---------|
| 4056 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Shift kernel | Theo Stassen | 15/03/2023 04:29 PM |
| 4055 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Check real/imag parts | Theo Stassen | 15/03/2023 04:27 PM |
| 4054 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Hanning window creation | Theo Stassen | 15/03/2023 04:24 PM |
| 4052 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Full code documentation | Theo Stassen | 15/03/2023 04:07 PM |
| 4051 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Unit test kernel_creation | Theo Stassen | 15/03/2023 04:05 PM |
| 4043 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create the complete Kernel | Theo Stassen | 15/03/2023 04:05 PM |
| 4050 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create the kernel_creation function | Theo Stassen | 15/03/2023 04:02 PM |
| 4038 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Discover units test python methods and Create Unit tests of the kernel | Theo Stassen | 15/03/2023 12:48 PM |
| 4044 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create unit test for corgain (ant, dfb, bessel) | Theo Stassen | 14/03/2023 05:49 PM |
| 4045 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Reorganise the code to have all config/metadatas in one csv file, called by the unit tests | Theo Stassen | 14/03/2023 05:49 PM |
| 4033 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Fourier transform (and inverse transform) function | Theo Stassen | 14/03/2023 05:49 PM |
| 4028 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Create Kernel in python | Theo Stassen | 02/03/2023 10:35 AM |
| 4041 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Unit test Antenna filter | Theo Stassen | 02/03/2023 10:32 AM |
| 4032 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Antenna response function | Theo Stassen | 02/03/2023 10:31 AM |
| 4040 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Unit test DFB | Theo Stassen | 24/02/2023 05:48 PM |
| 4039 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Unit test Bessel filter | Theo Stassen | 24/02/2023 05:46 PM |
| 4037 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Bandpass filter | Theo Stassen | 24/02/2023 05:42 PM |
| 4031 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | DFB filter | Theo Stassen | 16/02/2023 05:38 PM |
| 4030 | JUICE-SCM/Ground Segment | Task | Resolved | Normal | Bessel filter | Theo Stassen | 15/02/2023 04:57 PM |
| 4029 | JUICE-SCM/Ground Segment | Task | In Progress | Normal | Extract and export cdf file | Theo Stassen | 15/02/2023 04:54 PM |