JUICE-SCM/Ground Segment - Task #4187

Code Analysis / Investigation / Tests / Experiments in order to have same spectra densities results than matlab code

06/10/2023 06:15 PM - Theo Stassen

Status:	Resolved		**Start date:**	02/10/2023
Priority:	Normal		**Due date:**	06/10/2023
Assignee:	Theo Stassen		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:			**Spent time:**	0.00 hour
revision:	r0			

Description

This week has occupied by the comparison between the results (in terms of spectra densities) between current python code
and Alessandro Matlab code (with similar results with Czech team results).
As the comparison shown a big difference between the two, investigation is on the way, looking to find why the code
is concretely not working with JUICE data for simple calibration (calfactor + ant resp) but works in MMS.
Maybe a problem in the python code, maybe in the ant resp idl conversion (between gain/phase and complex), ..