

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3113 - L2 Version 3
Chandra X-Ray Center

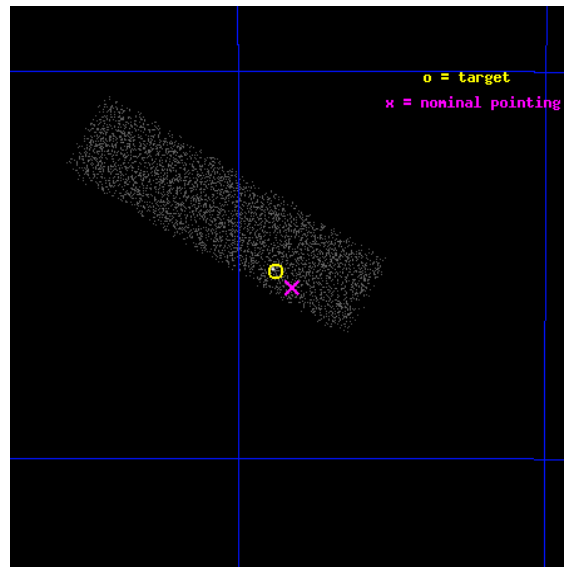
L2 Processing Date : Oct 10 2012

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1 Front

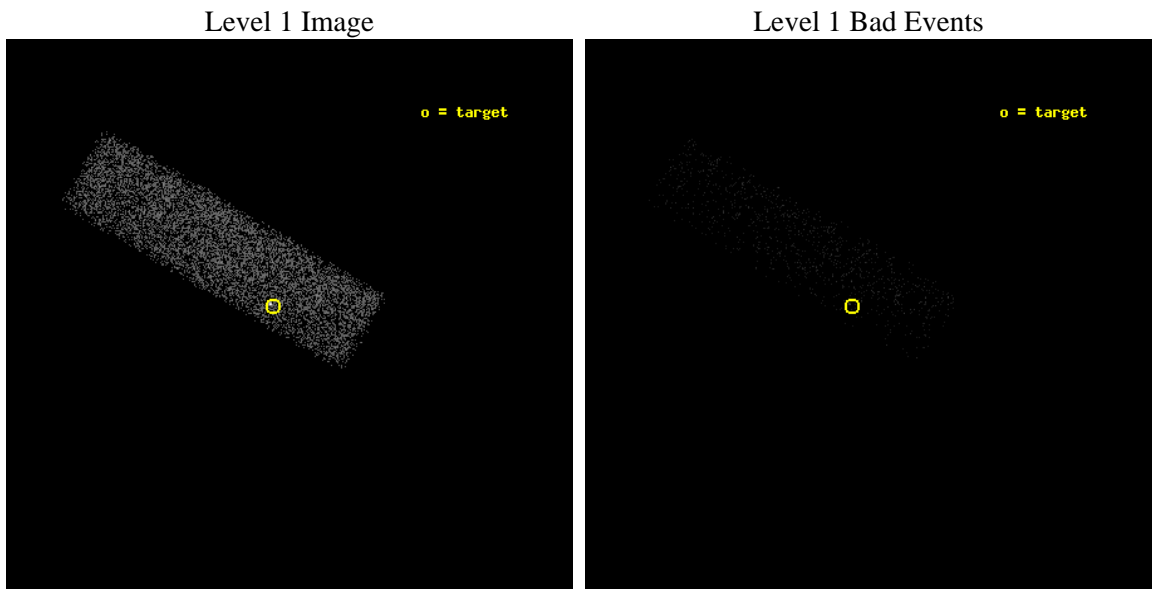
seq_num	700552	Sequence number
obs_id	3113	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	0903-573	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	136.219167	Observer's specified target RA [deg]
dec_targ	-57.585833	Observer's specified target Dec [deg]
ra_nom	136.20634765975	Nominal RA [deg]
dec_nom	-57.593120291309	Nominal Dec [deg]
roll_nom	210.25463164262	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5187.1590672731	Sum of GTIs [s]
livetime	4934.042677897	Livetime [s]
ontime7	5187.1590672731	Sum of GTIs [s]
l2events	5429	Number of level 2 events



2 OBI

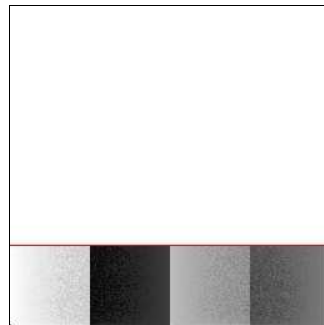
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4850.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5187.1590672731	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5187.1590672731	Sum of GTIs [s]
date	2012-10-10T03:53:59	Date and time of file creation	l1events	12951	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

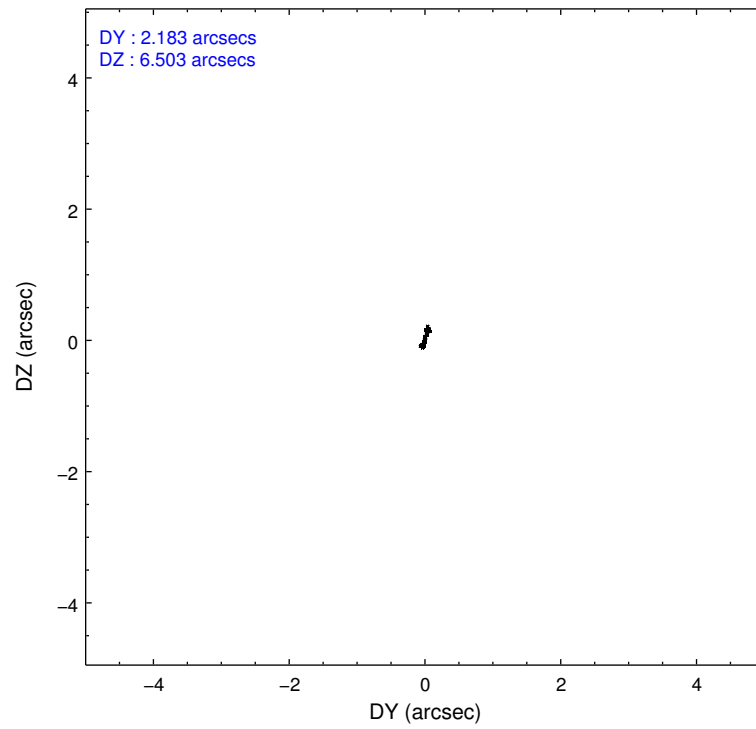
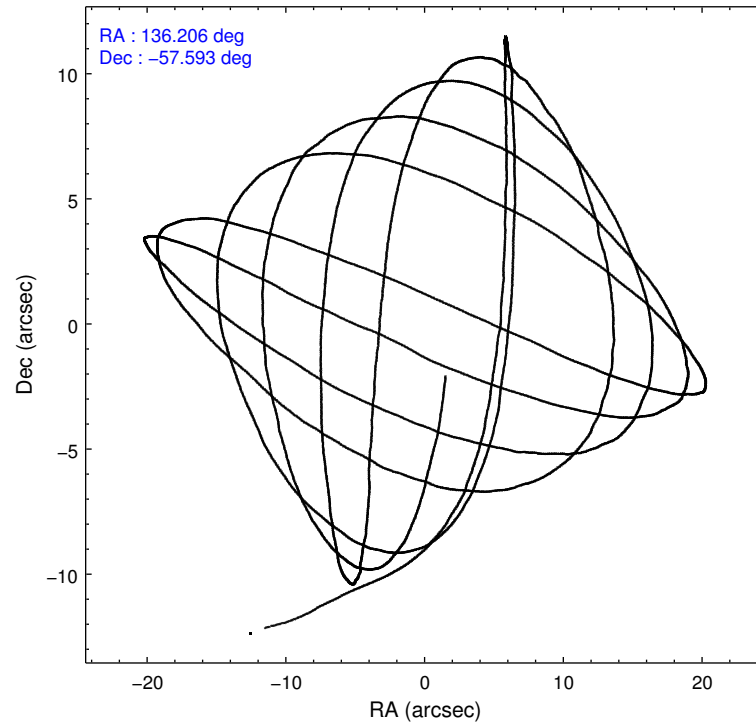
	ccd 7
level 1 events	12951
rejected events	7394
rejected %	57%

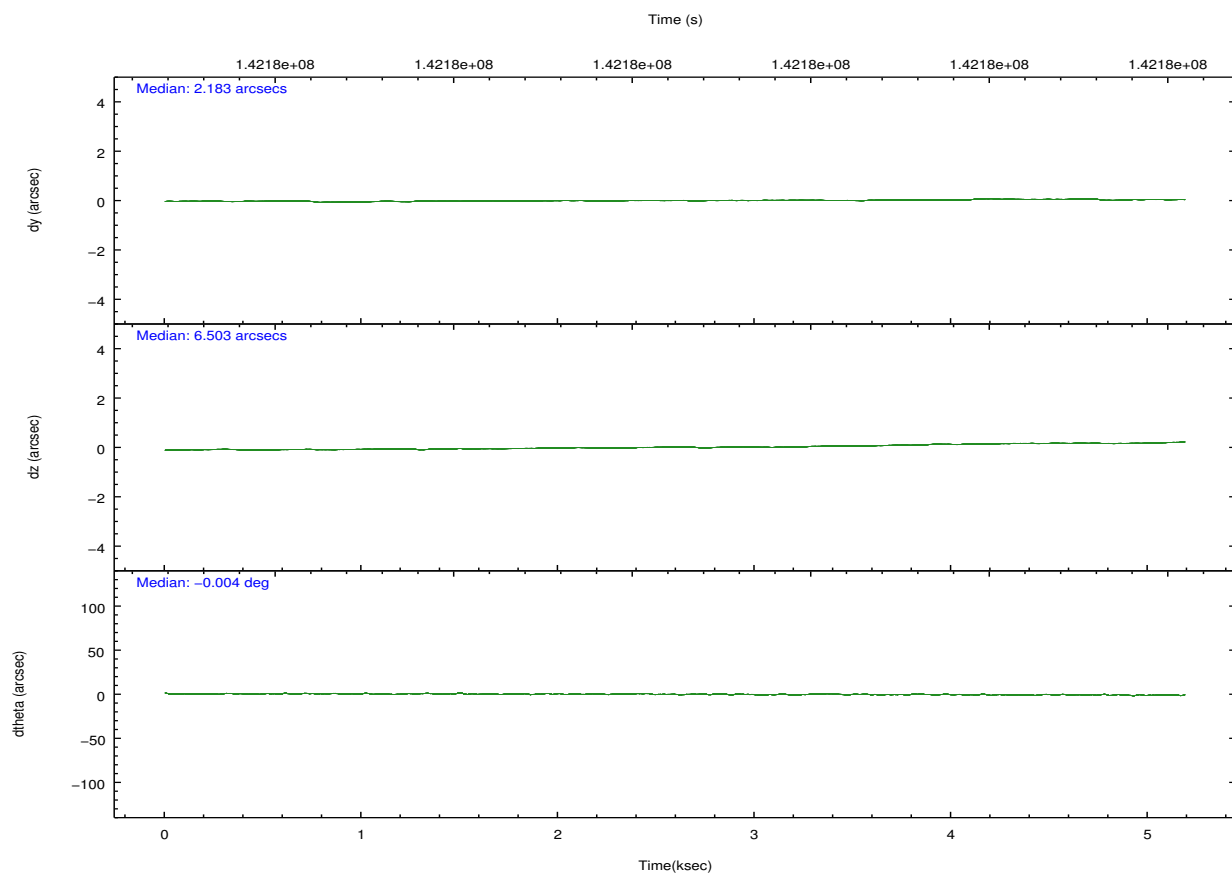
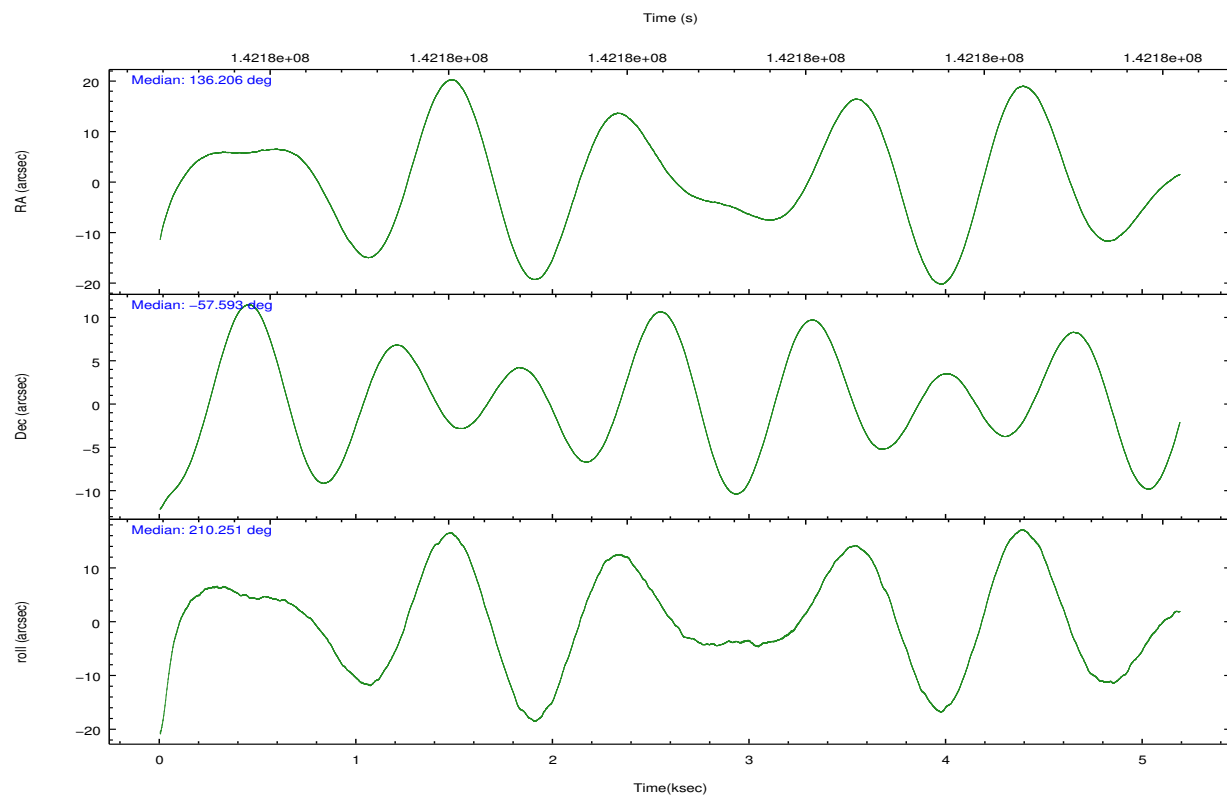
	ccd 7
grade 0 events	669
	5%
grade 1 events	14
	0%
grade 2 events	1222
	9%
grade 3 events	652
	5%
grade 4 events	629
	4%
grade 5 events	1061
	8%
grade 6 events	2875
	22%
grade 7 events	5829
	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	136.230987	136.2063476597529	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-57.569187	-57.59312029130949	Subarray start row	1	1
[deg] Pointing Roll	210.118831	210.2546316426185	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-178.632523	-178.6395878605364			
[mm] SIM translation stage offset	-11.5	-11.49293472247138			
[s] Observation start time (MET)	142174983.184000	142173944.20898			
Observation start date	2002-07-04T13:01:59	2002-07-04T12:45:44			
[s] Observation end time (MET)	142179833.184000	142180259.74674			
Observation end date	2002-07-04T14:22:49	2002-07-04T14:30:59			
Read mode	TIMED	TIMED			

2.3 Aspect



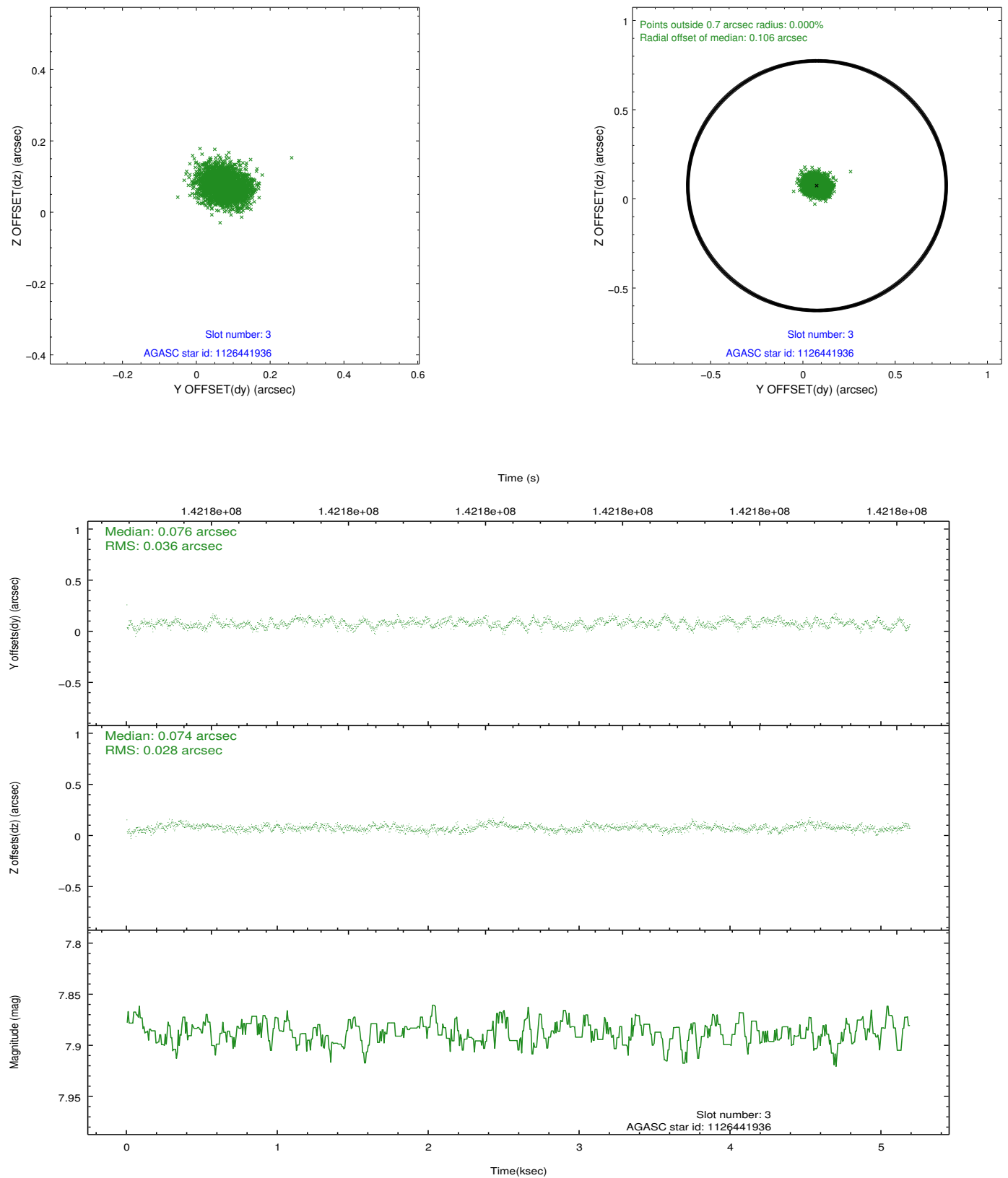


Slot Statistics

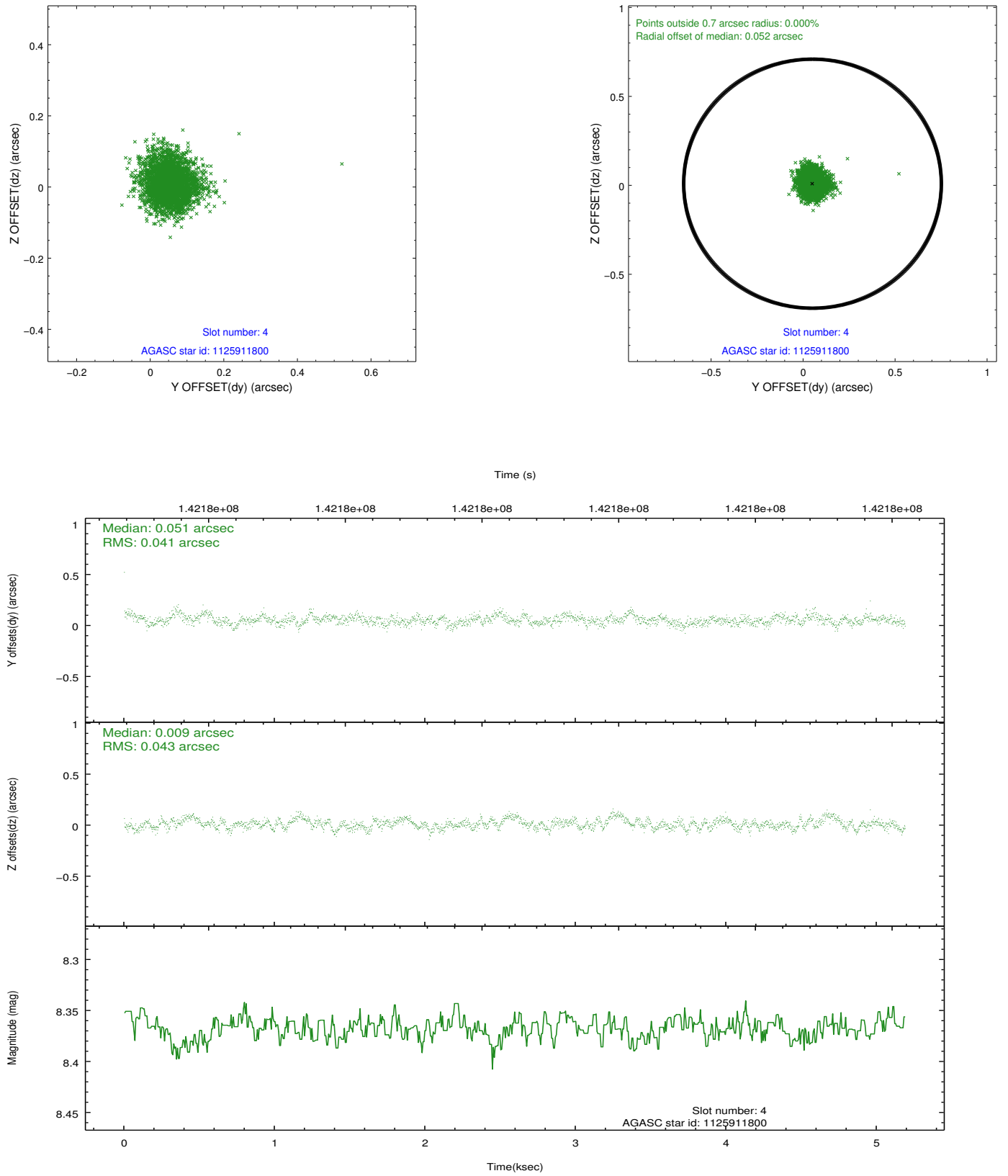
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.08	1266	-0.078	-0.333	0.008	0.013	0.000000	0.000000	-754.02	-1964.60
1	FID	ACIS-S-4	7.17	1264	0.048	0.126	0.005	0.008	0.000000	0.000000	2158.85	-57.06
2	FID	ACIS-S-5	7.22	1264	-0.002	0.215	0.007	0.013	0.000000	0.000000	-1805.29	-61.98
3	GUIDE	1126441936	7.89	2527	0.076	0.074	0.049	0.077	135.744289	-58.394420	2286.23	2112.78
4	GUIDE	1125911800	8.37	2529	0.051	0.009	0.063	0.101	135.439863	-57.681289	1524.53	-405.76
5	GUIDE	1125914208	8.73	2526	-0.060	-0.047	0.071	0.110	135.425377	-57.057219	444.28	-2377.19
6	GUIDE	1126048096	8.62	2526	-0.061	0.059	0.080	0.129	137.734232	-57.665503	-2313.92	1779.57
7	GUIDE	1126046984	8.92	2528	-0.006	-0.100	0.070	0.116	136.983032	-57.461036	-1452.30	401.96

2.4 Star Slots

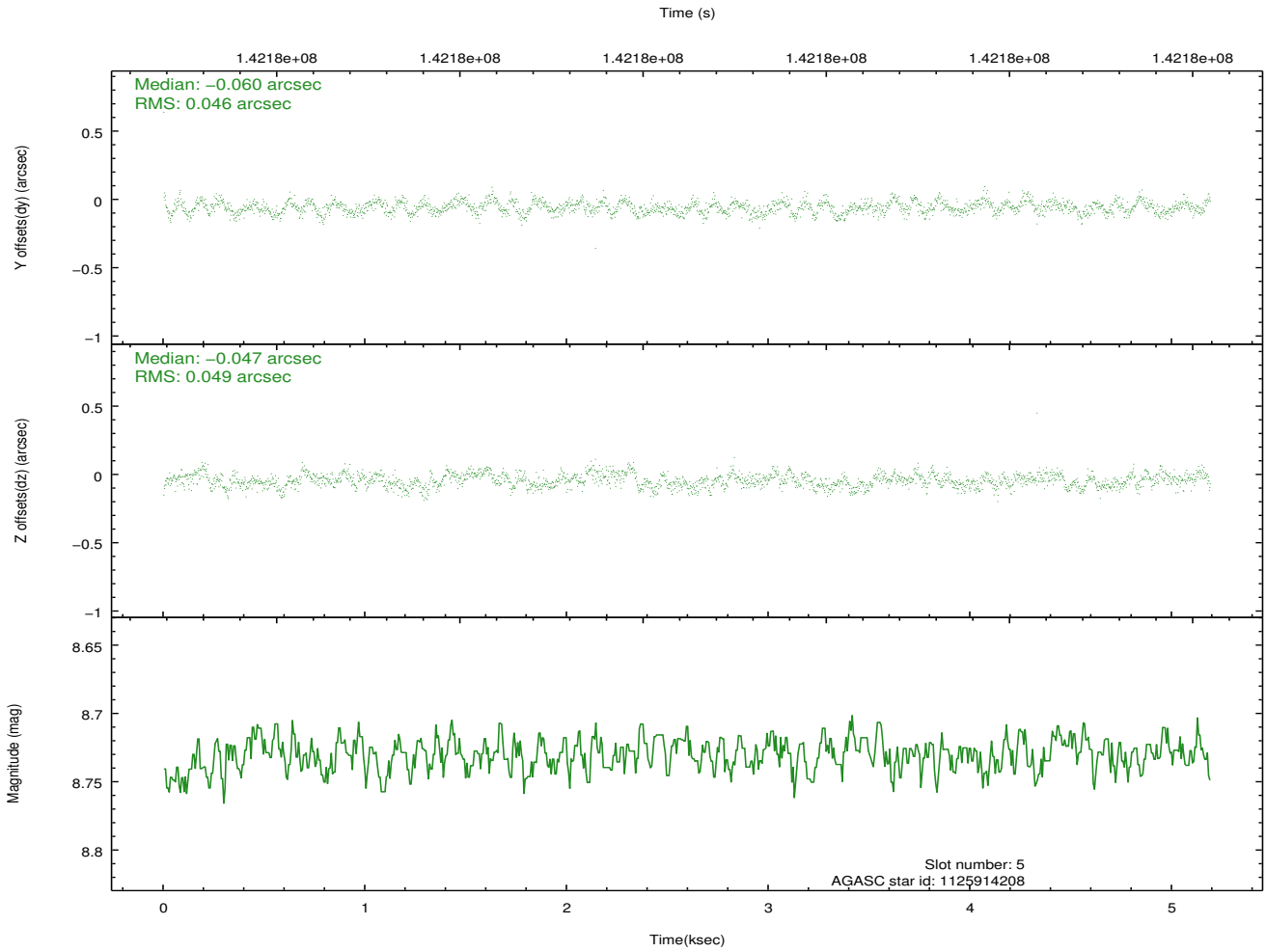
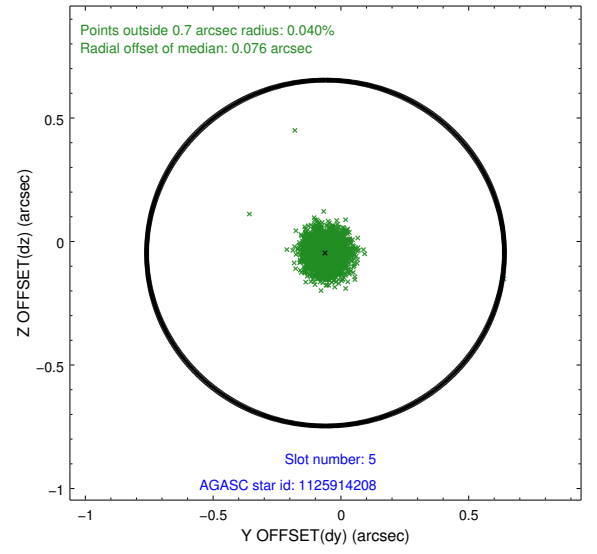
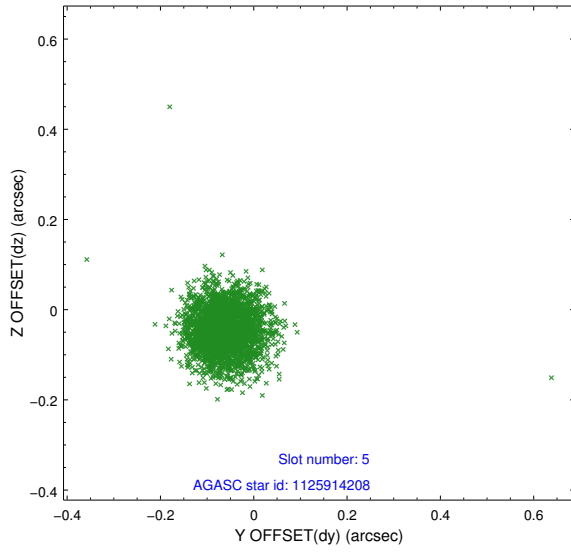
2.4.1 Slot 3



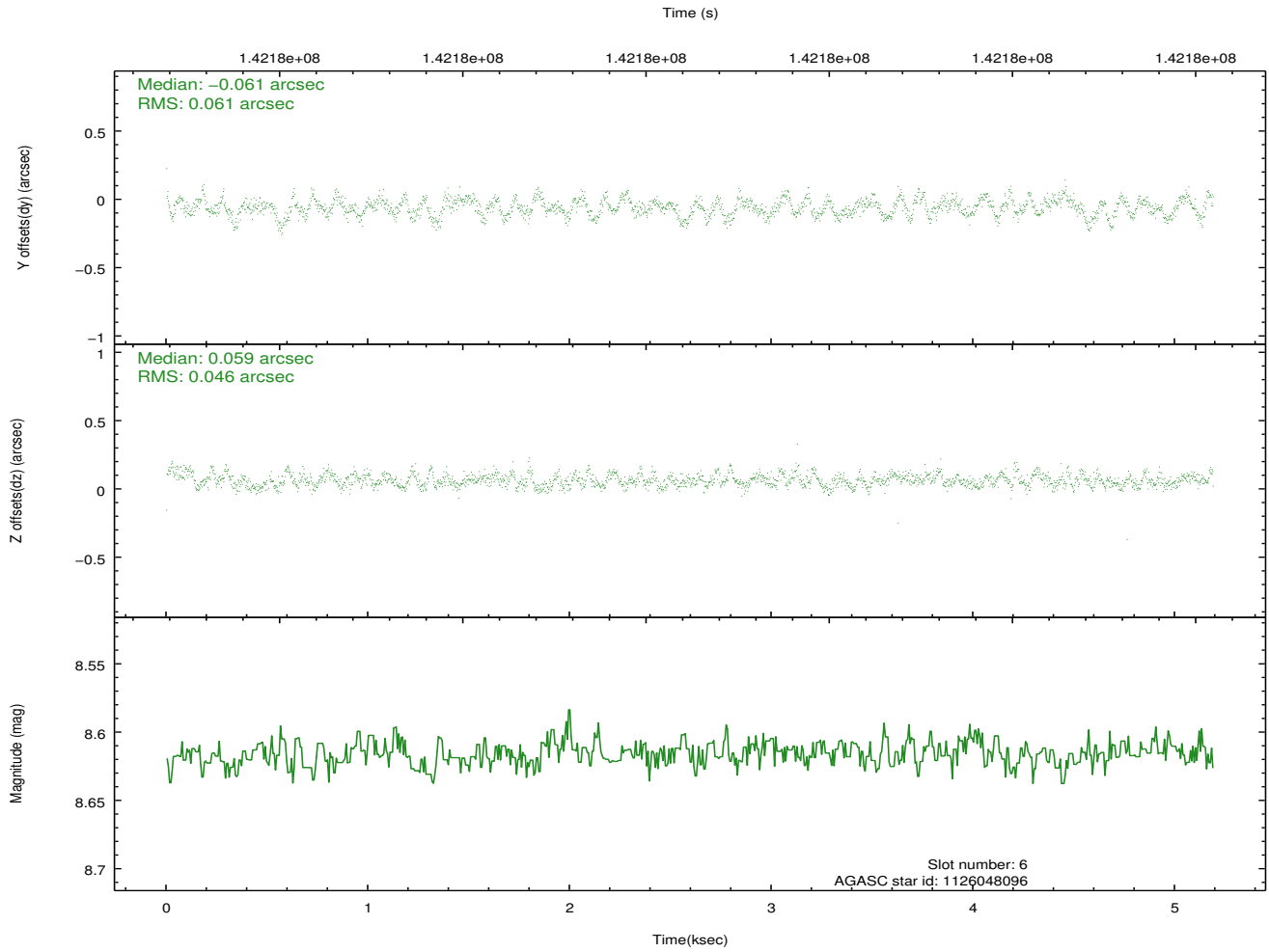
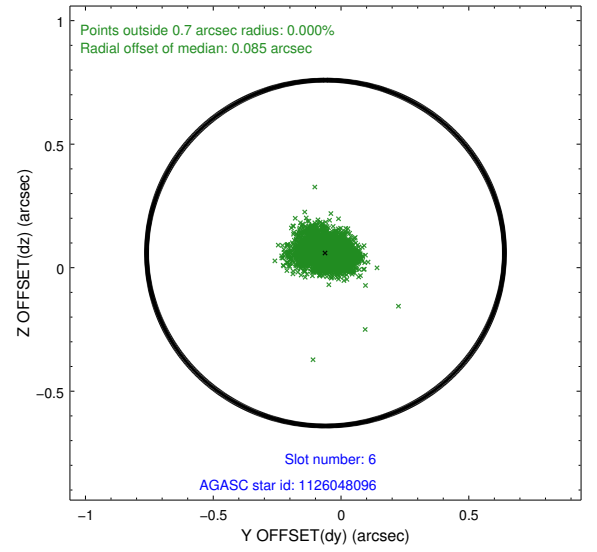
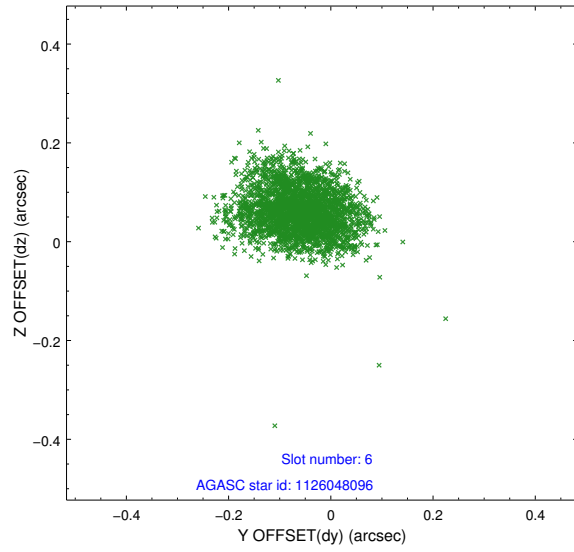
2.4.2 Slot 4



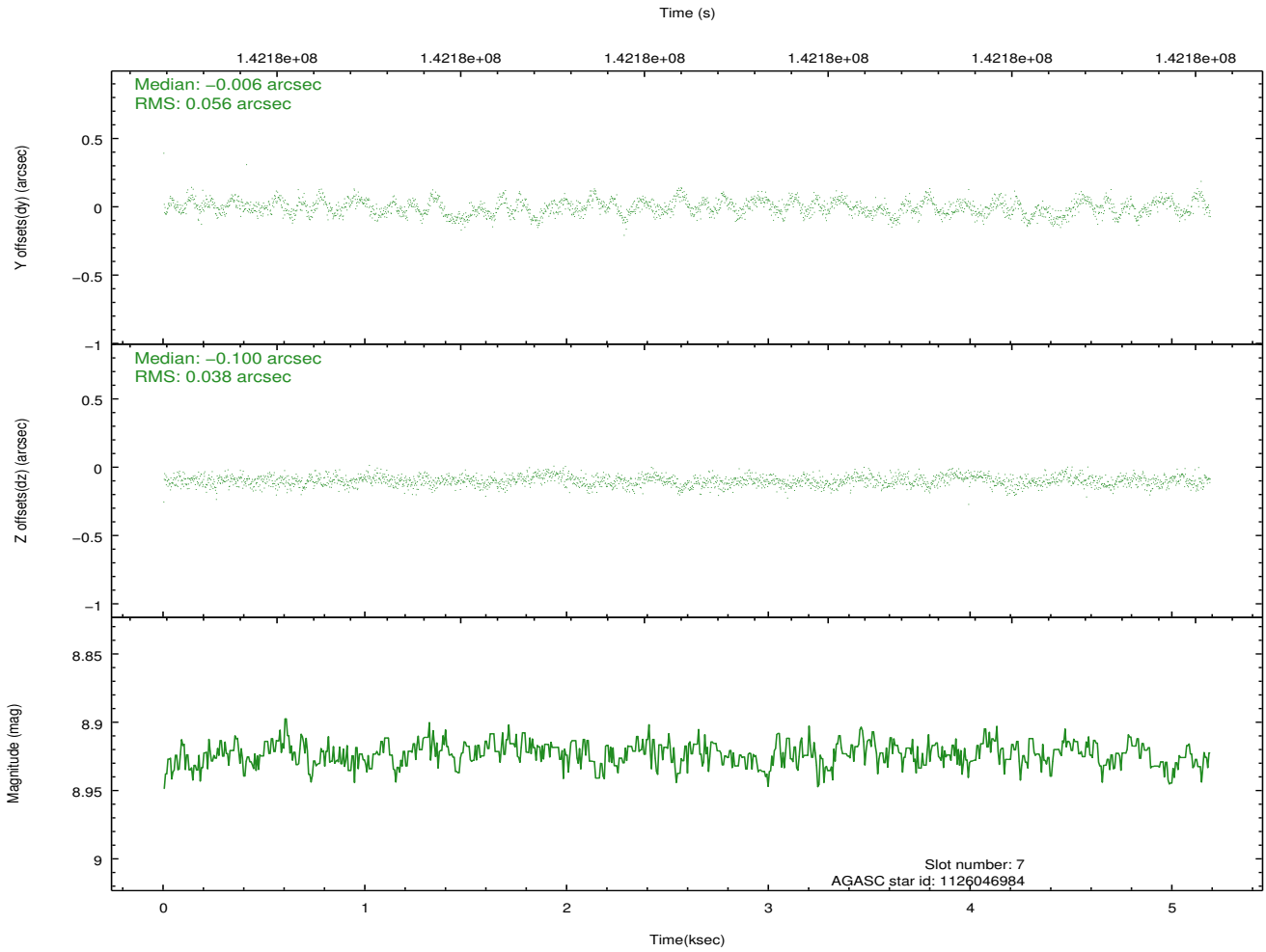
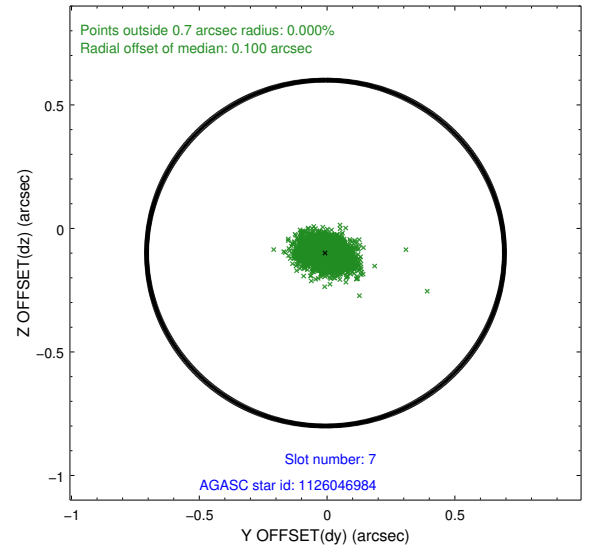
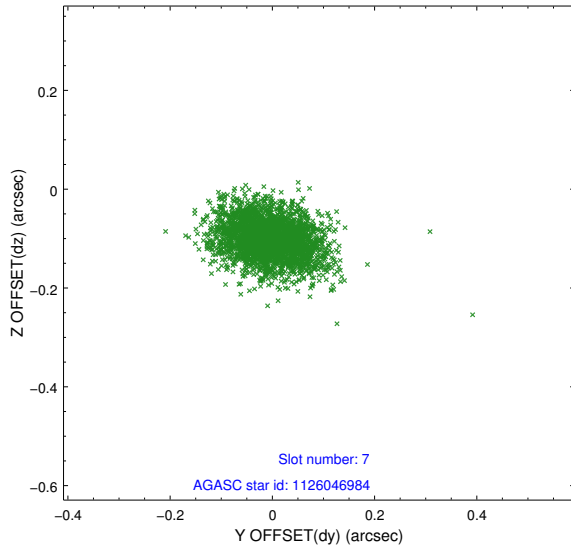
2.4.3 Slot 5



2.4.4 Slot 6

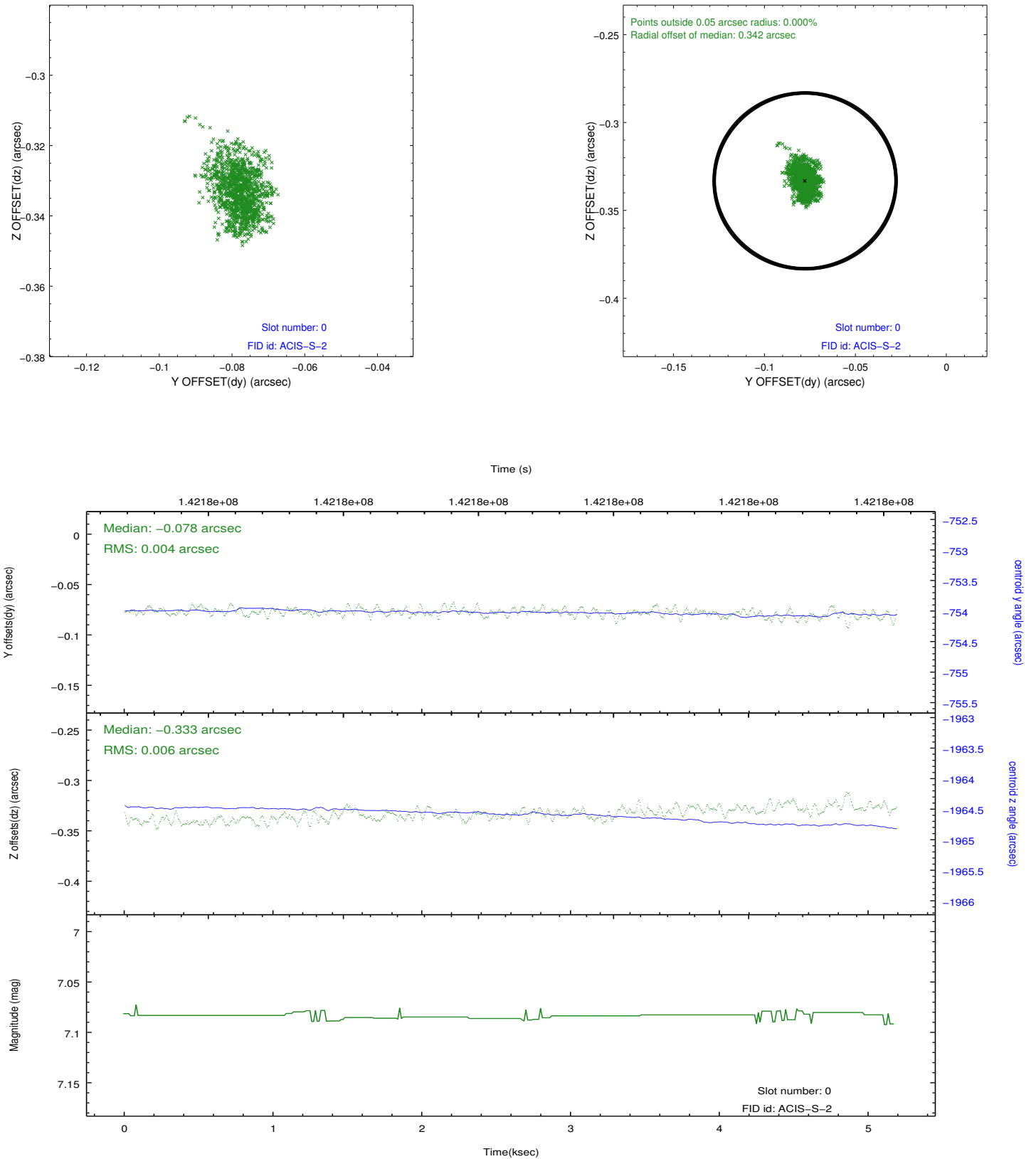


2.4.5 Slot 7

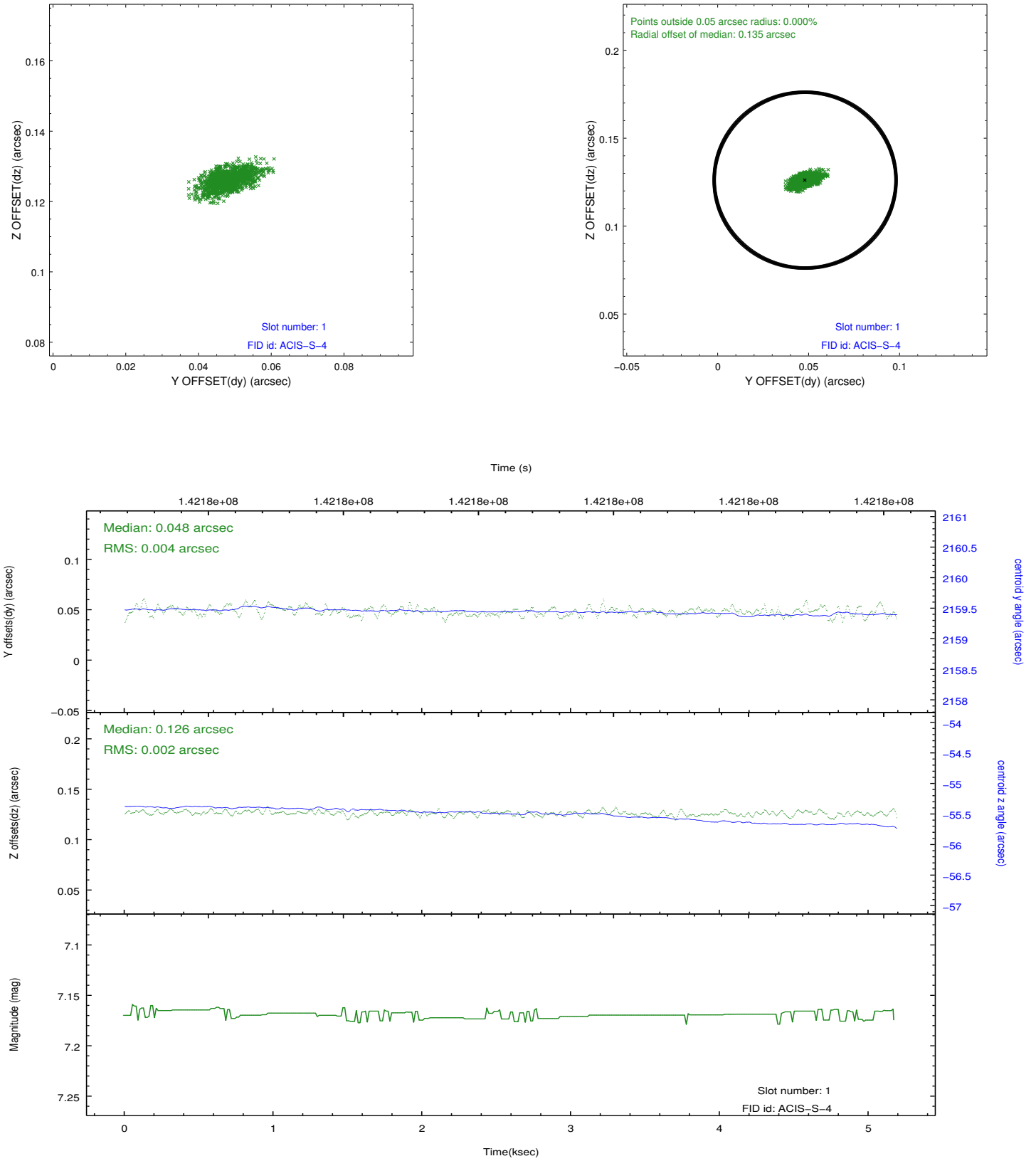


2.5 FID Slots

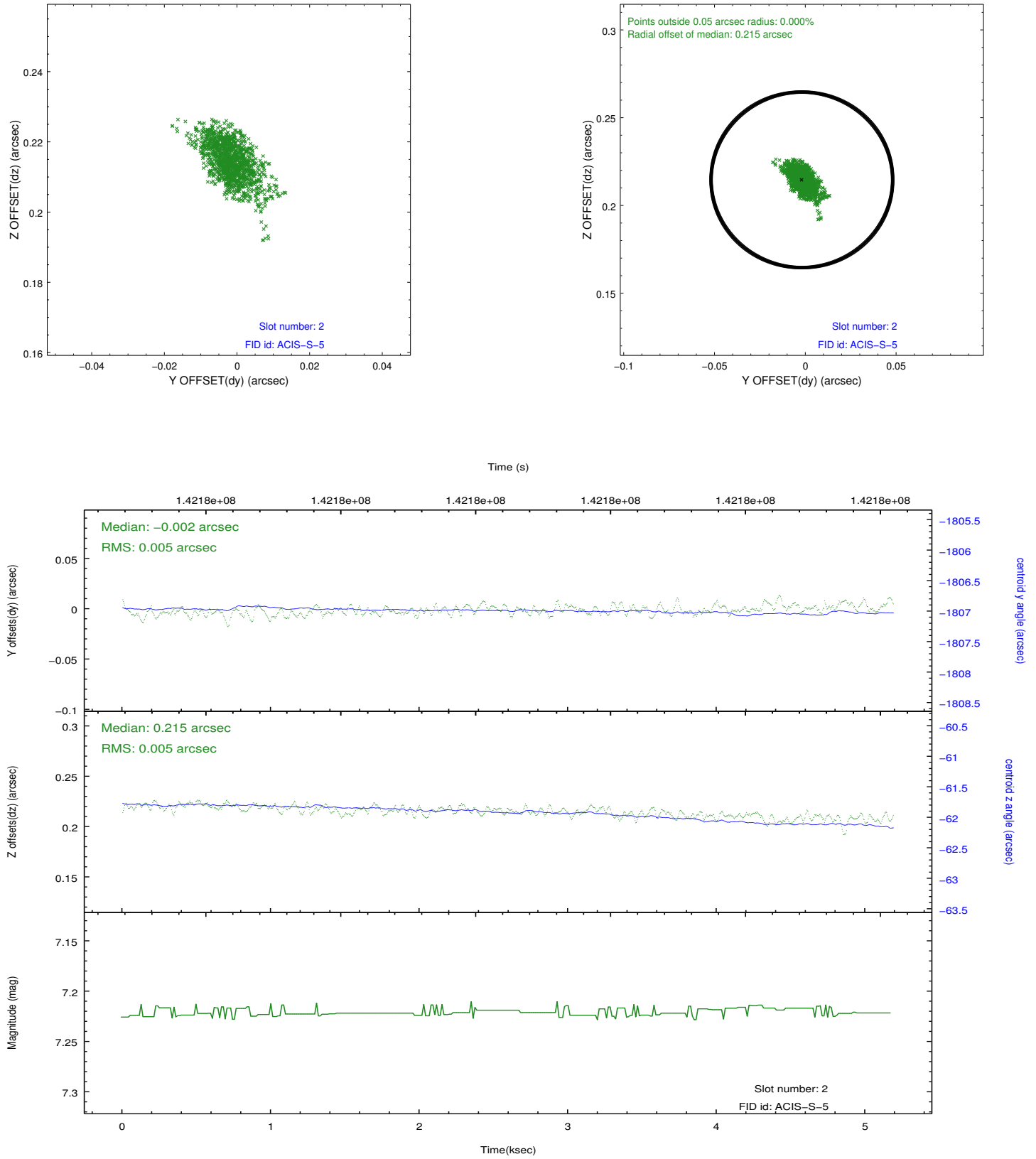
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.187

A.2 Comments