

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3925 - L2 Version 3
Chandra X-Ray Center

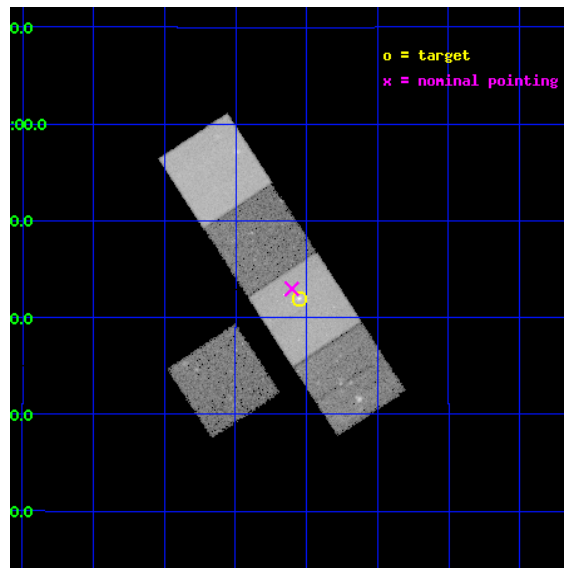
L2 Processing Date : Nov 8 2012

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1 Front

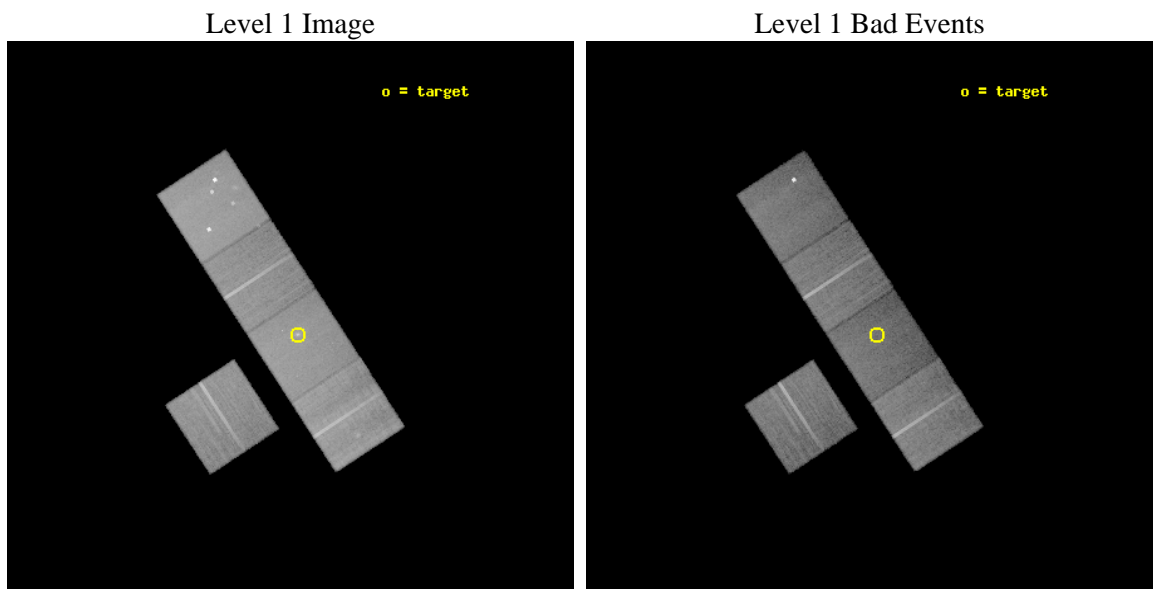
seq_num	600299	Sequence number
obs_id	3925	Observation id
title	LOW MASS X-RAY BINARIES AND GLOBULAR CLUSTERS IN VIRGO EARLY-TYPE GALAXIES	Proposal title
observer	Dr. CRAIG SARAZIN	Principal investigator
object	NGC4526	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	188.512917	Observer's specified target RA [deg]
dec_targ	7.699806	Observer's specified target Dec [deg]
ra_nom	188.52580102686	Nominal RA [deg]
dec_nom	7.7161838401792	Nominal Dec [deg]
roll_nom	56.814250506026	Nominal Roll [deg]
revision	3	Processing version of data
ontime	44106.799915165	Sum of GTIs [s]
livetime	43530.512103319	Livetime [s]
ontime3	44106.799915165	Sum of GTIs [s]
ontime5	44106.799915165	Sum of GTIs [s]
ontime6	44103.658974826	Sum of GTIs [s]
ontime7	44106.799915165	Sum of GTIs [s]
ontime8	44100.517994702	Sum of GTIs [s]
l2events	319934	Number of level 2 events



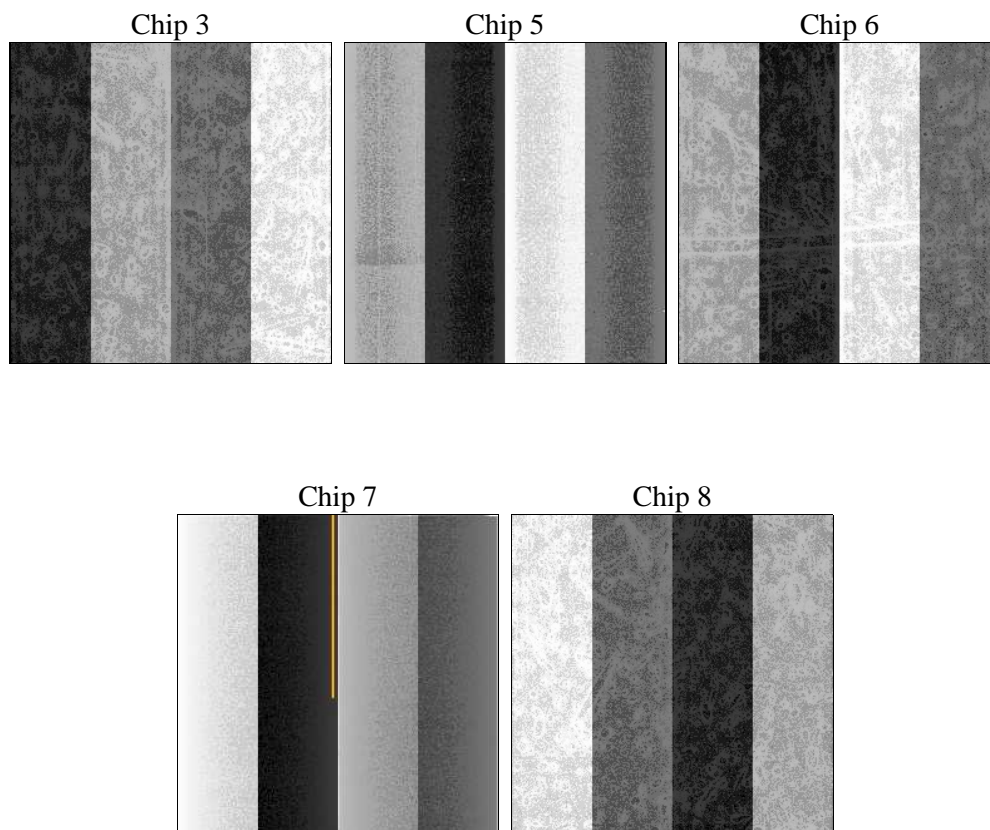
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	44000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	44106.799915165	Sum of GTIs [s]
caldbver	4.5.2	 	ontime3	44106.799915165	Sum of GTIs [s]
date	2012-11-08T03:20:41	Date and time of file creation	ontime5	44106.799915165	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	44103.658974826	Sum of GTIs [s]
			ontime7	44106.799915165	Sum of GTIs [s]
			ontime8	44100.517994702	Sum of GTIs [s]
			l1events	1236138	Number of level 1 events

2.1.4 Events

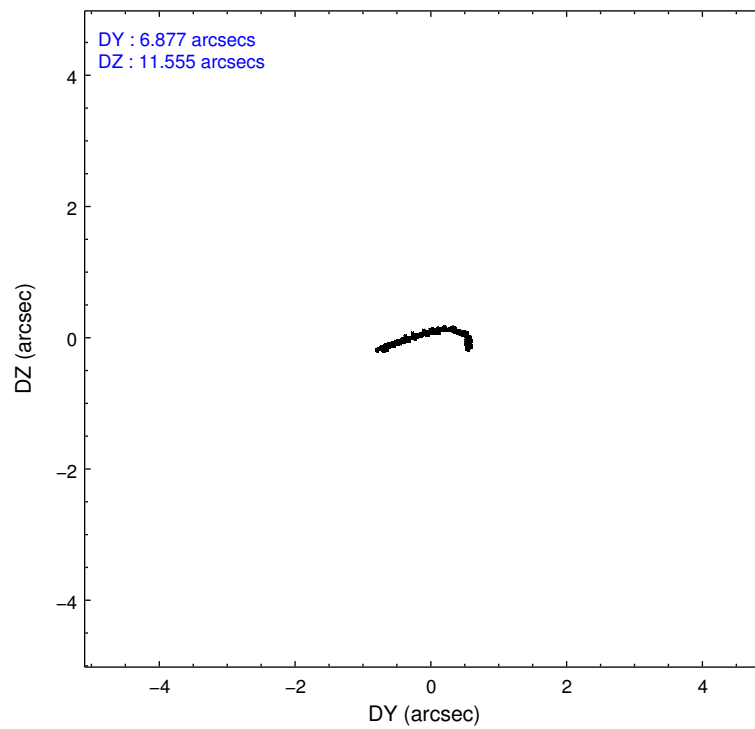
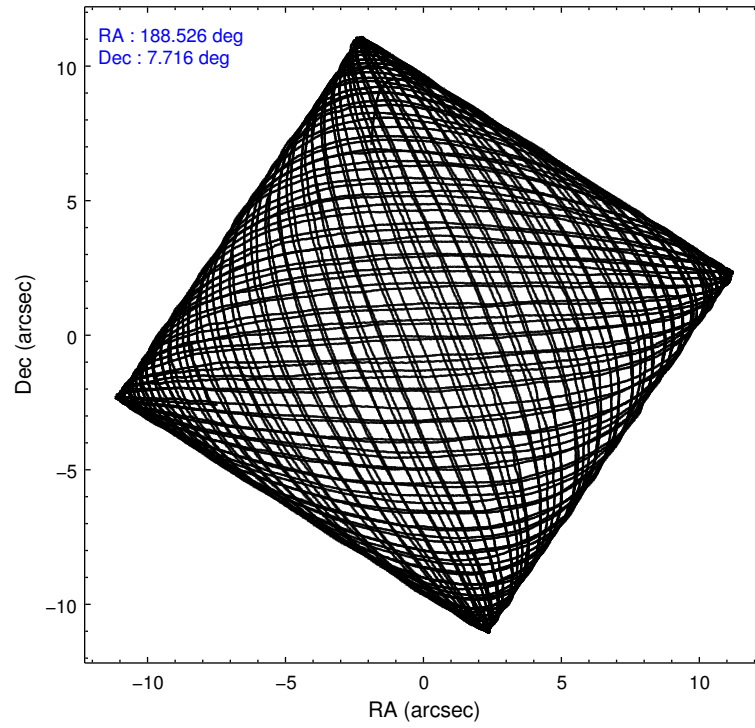
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	203430	310759	209289	244577	268083
rejected events	182465	151940	185086	126675	202310
rejected %	89%	48%	88%	51%	75%

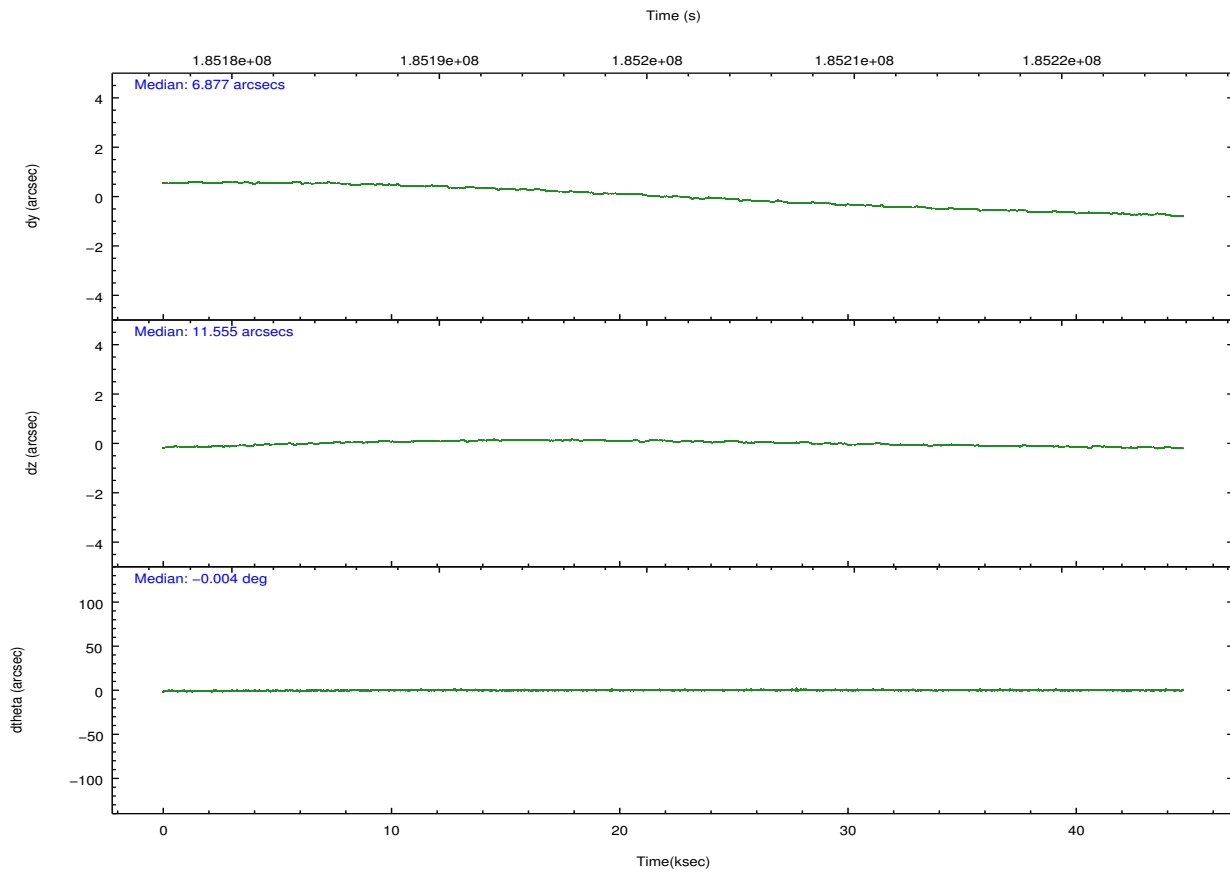
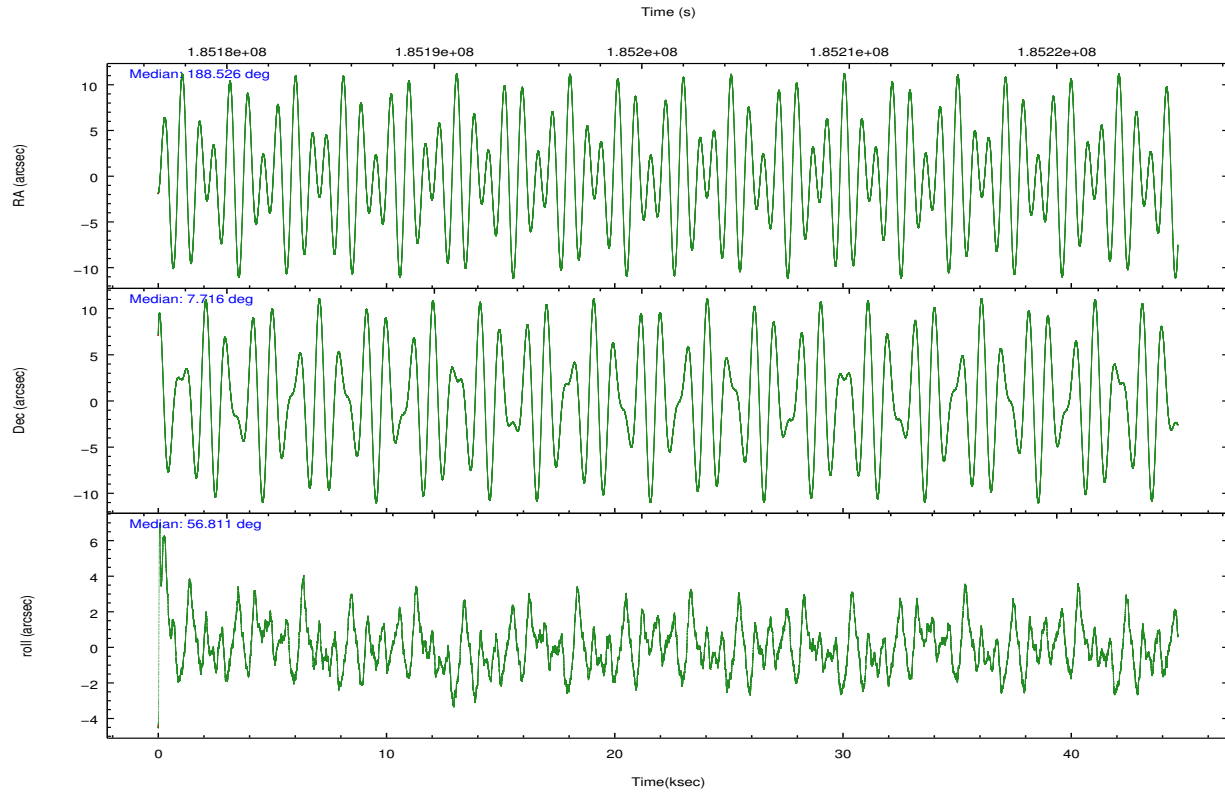
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	7999	25678	9397	13143	22493
	3%	8%	4%	5%	8%
grade 1 events	115	270	75	204	182
	0%	0%	0%	0%	0%
grade 2 events	4307	45430	4840	23753	13654
	2%	14%	2%	9%	5%
grade 3 events	2364	6713	2492	11139	7216
	1%	2%	1%	4%	2%
grade 4 events	2383	6593	2601	11143	6555
	1%	2%	1%	4%	2%
grade 5 events	8119	24627	8557	24653	12000
	3%	7%	4%	10%	4%
grade 6 events	3914	74415	4876	58732	15876
	1%	23%	2%	24%	5%
grade 7 events	174229	127033	176451	101810	190107
	85%	40%	84%	41%	70%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-35678	ACIS-35678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	188.524646	188.5258010268558	Subarray requested	NONE	NONE
[deg] Pointing Dec	7.688967	7.716183840179223	Alternating exposures requested	N	N
[deg] Pointing Roll	56.657779	56.8142505060255	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	185179601.184000	185178395.53148			
Observation start date	2003-11-14T06:45:37	2003-11-14T06:26:35			
[s] Observation end time (MET)	185223601.184000	185223967.54595			
Observation end date	2003-11-14T18:58:57	2003-11-14T19:06:07			
Read mode	TIMED	TIMED			

2.3 Aspect



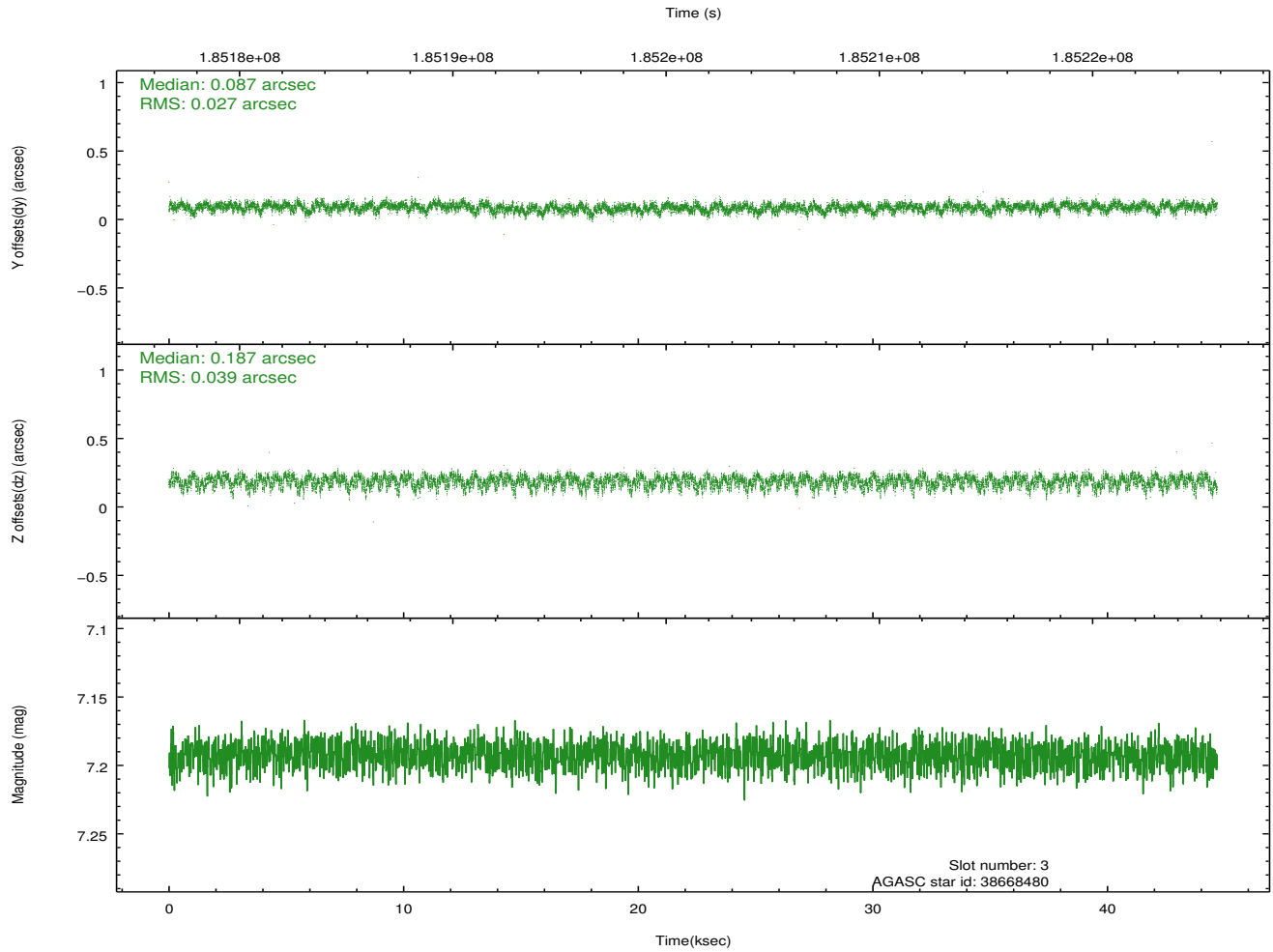
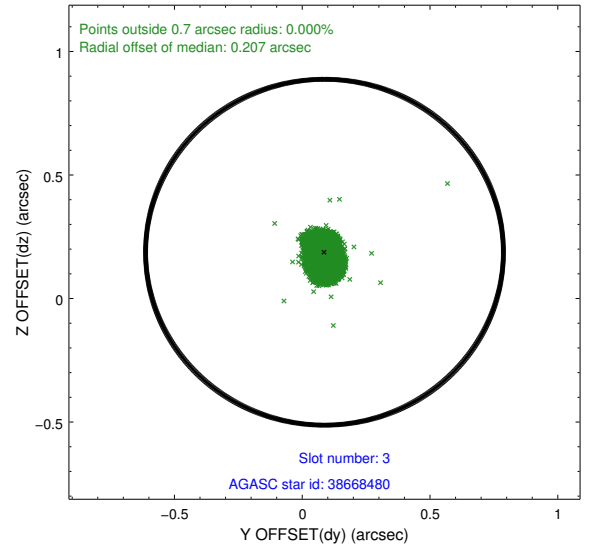
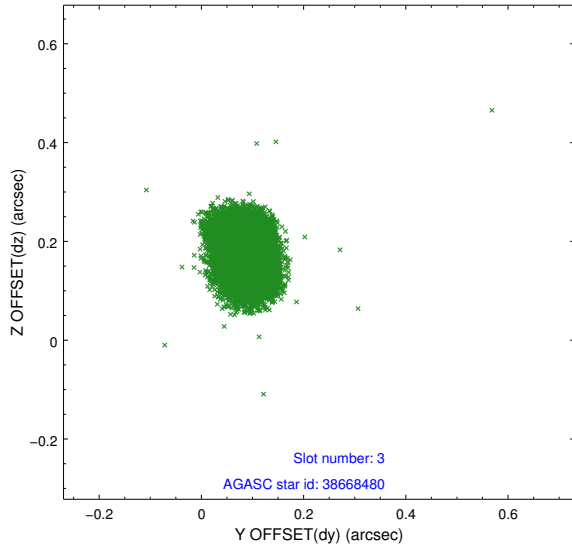


Slot Statistics

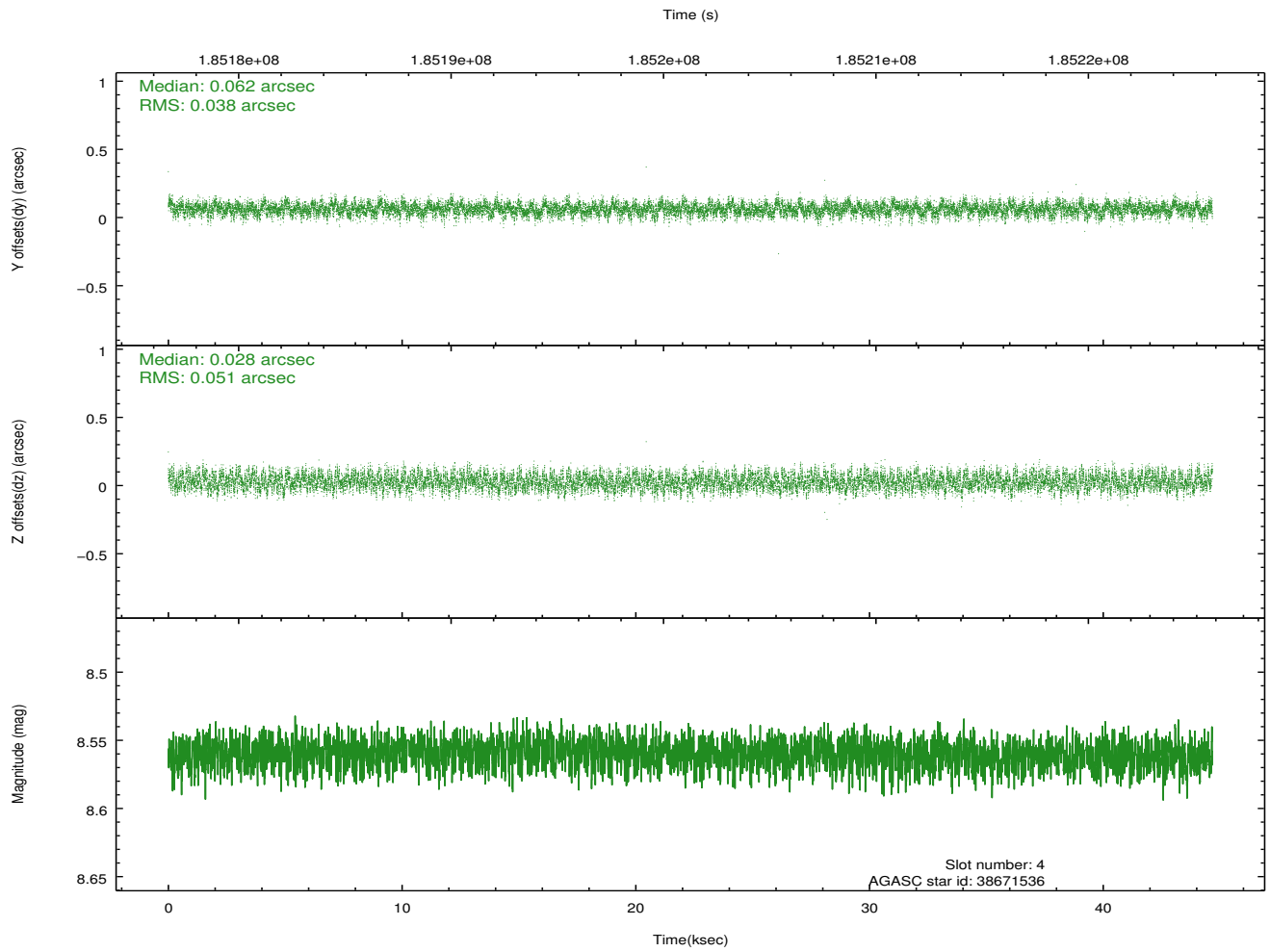
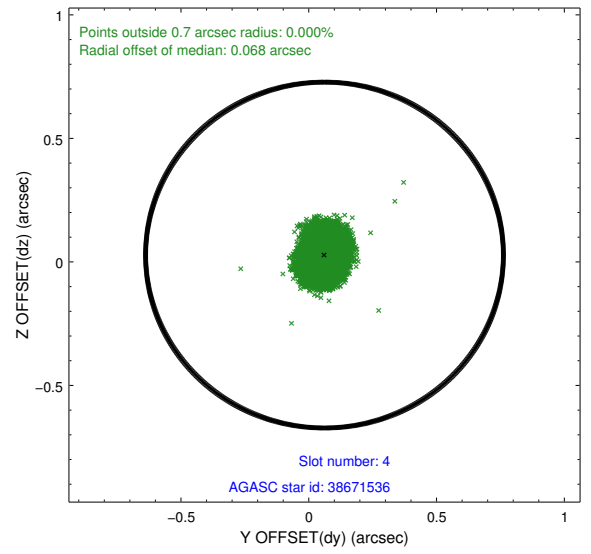
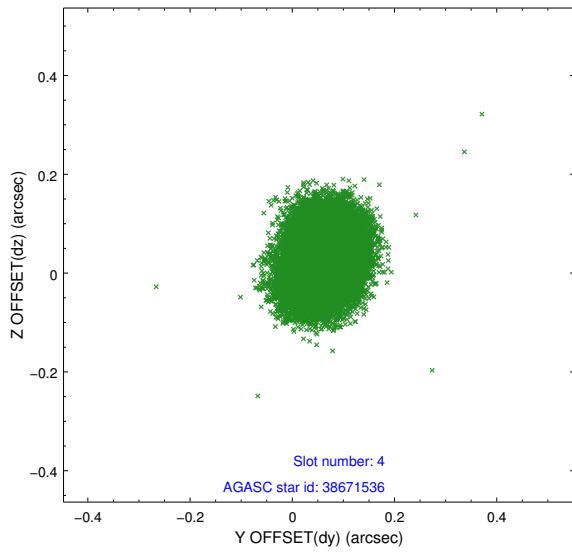
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	10898	-0.036	-0.014	0.014	0.020	0.000000	0.000000	-759.63	-1732.85
1	FID	ACIS-S-4	7.20	10898	0.049	0.022	0.010	0.018	0.000000	0.000000	2153.72	175.67
2	FID	ACIS-S-5	7.23	10898	-0.045	0.002	0.014	0.021	0.000000	0.000000	-1812.49	169.31
3	GUIDE	38668480	7.19	21795	0.087	0.187	0.049	0.083	188.284505	7.250208	-1790.40	-151.39
4	GUIDE	38671536	8.56	21787	0.062	0.028	0.069	0.108	188.748078	7.439883	-310.30	-1158.77
5	GUIDE	114563104	6.83	21792	0.052	-0.221	0.055	0.090	188.385813	7.679181	-301.38	394.71
6	GUIDE	114564248	7.41	21795	-0.072	-0.191	0.056	0.091	188.352467	7.946007	435.54	1021.53
7	GUIDE	114695376	9.19	21782	-0.127	0.197	0.086	0.139	189.203557	7.933205	2066.96	-1537.46

2.4 Star Slots

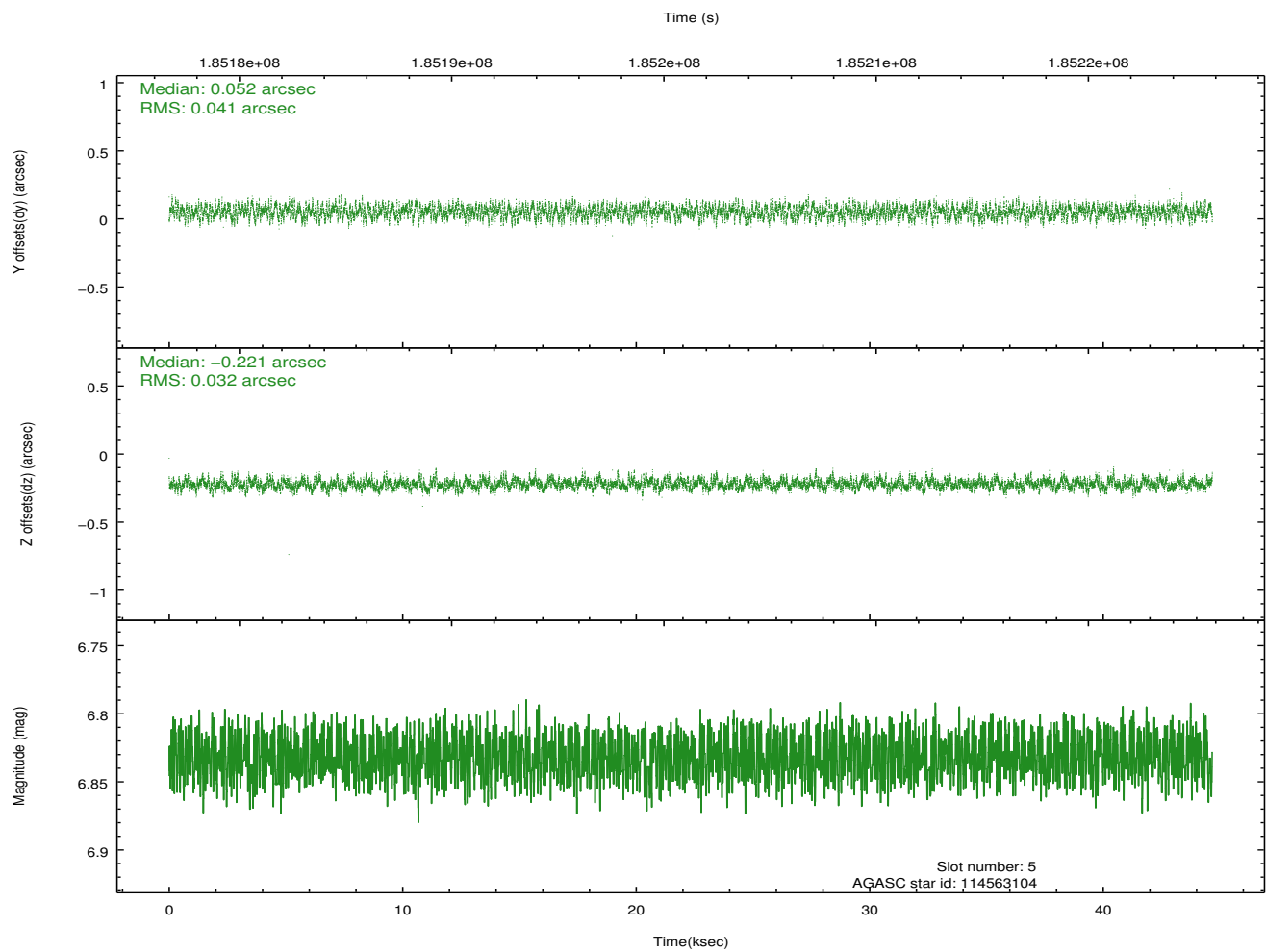
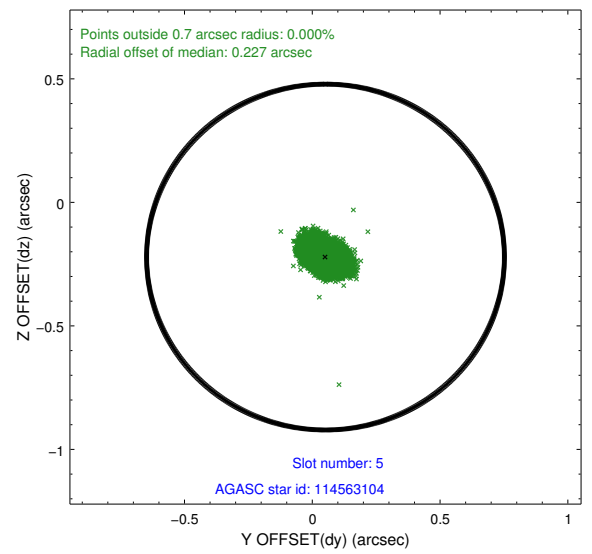
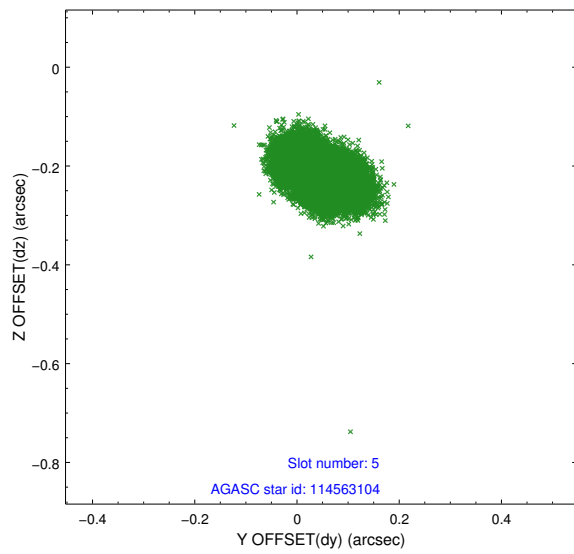
2.4.1 Slot 3



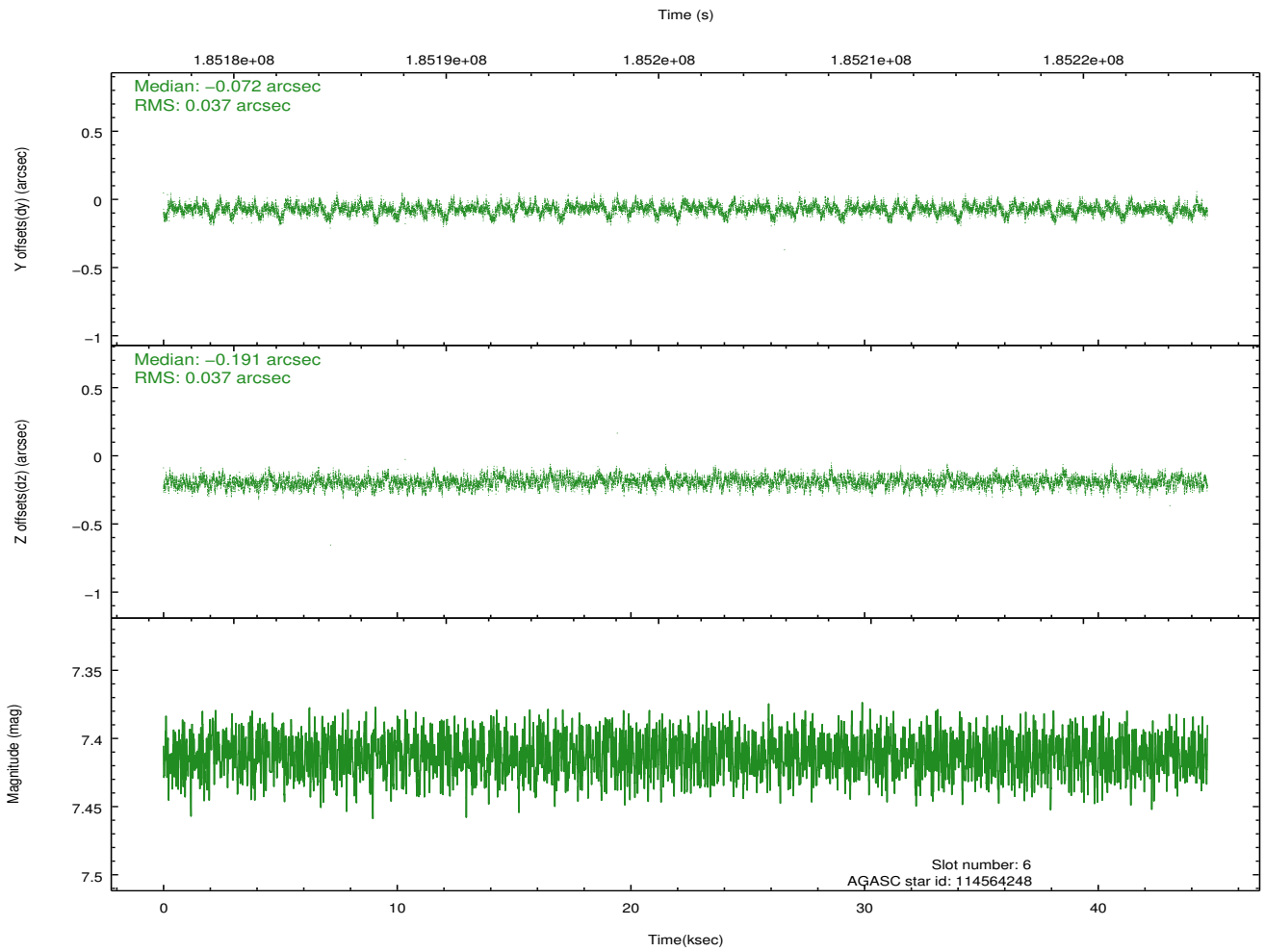
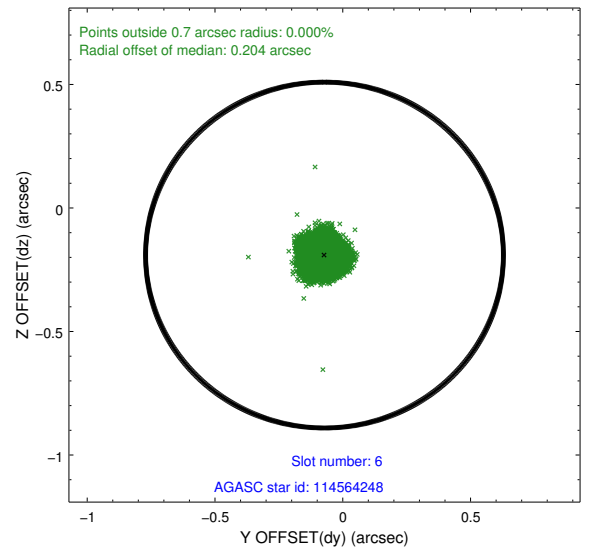
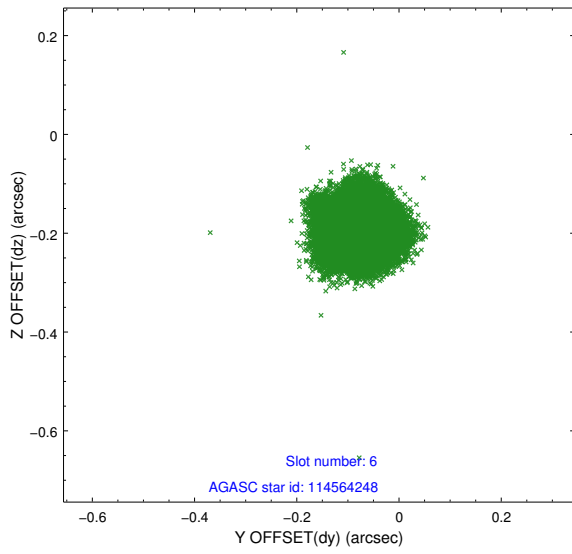
2.4.2 Slot 4



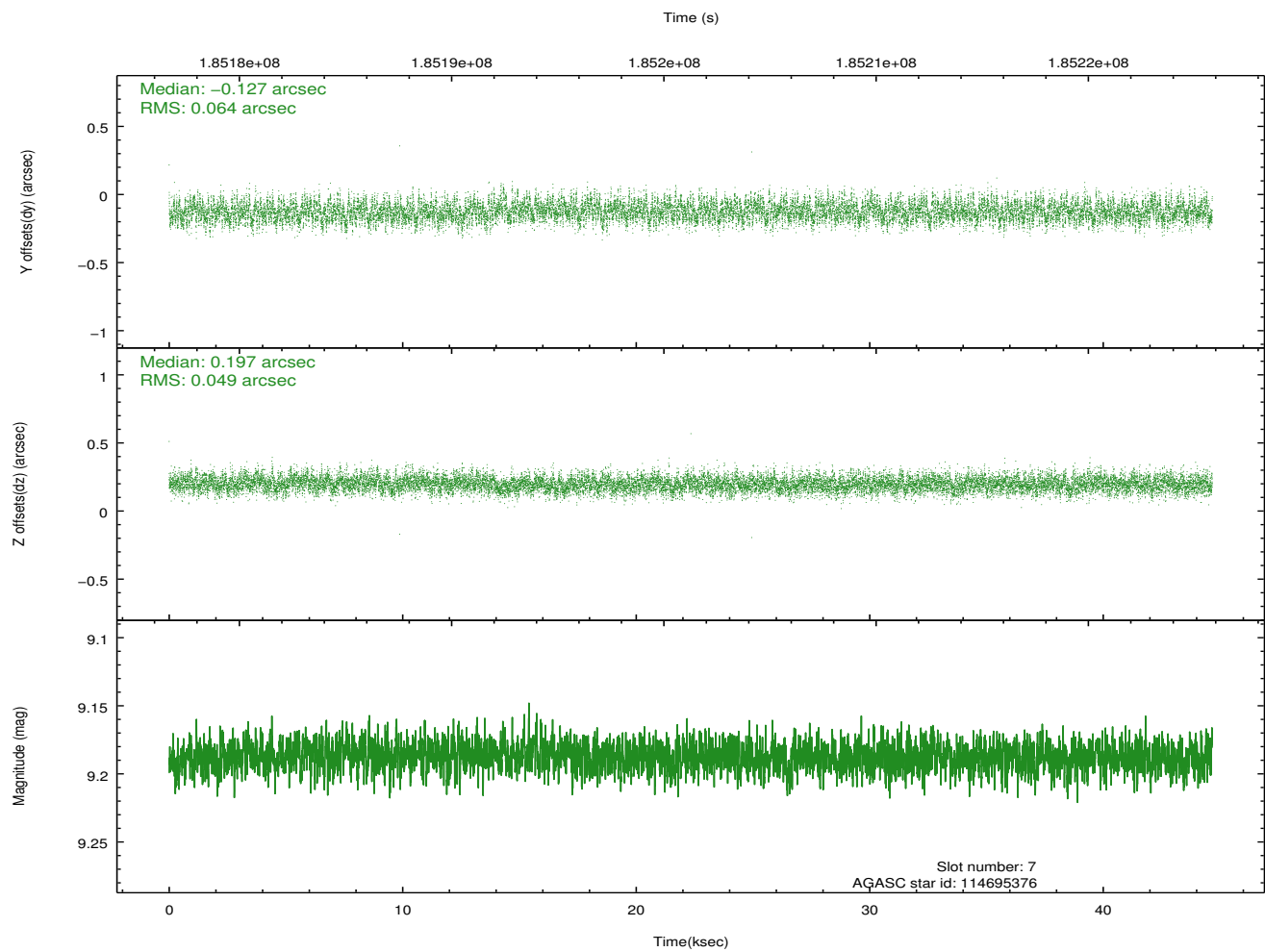
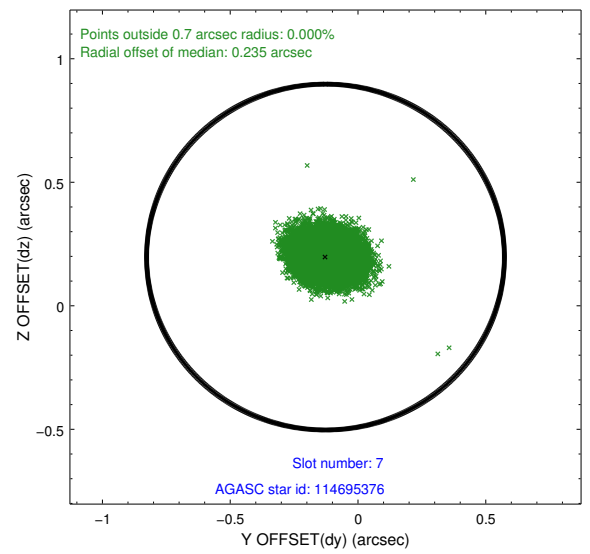
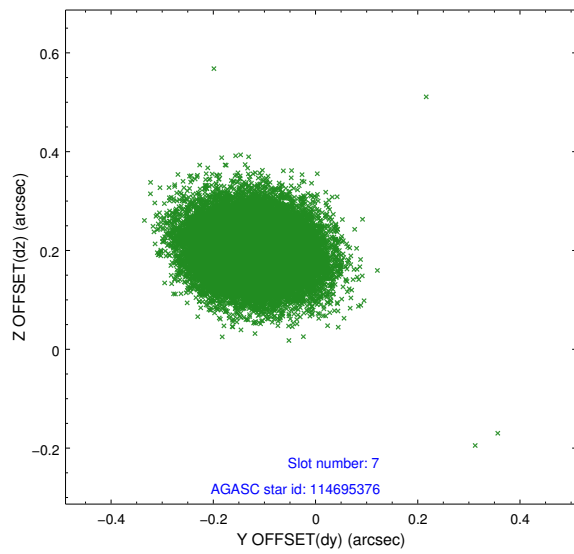
2.4.3 Slot 5



2.4.4 Slot 6

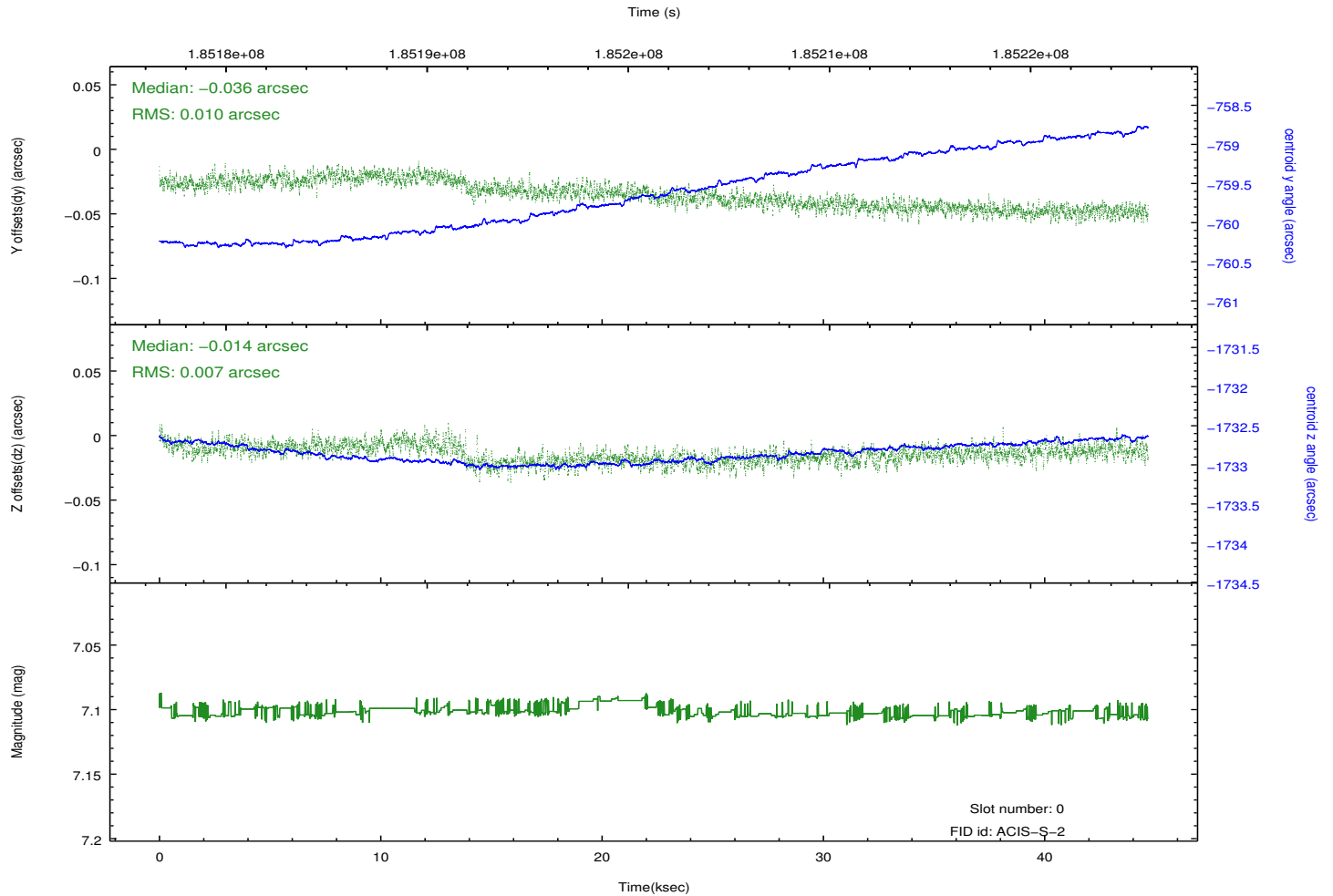
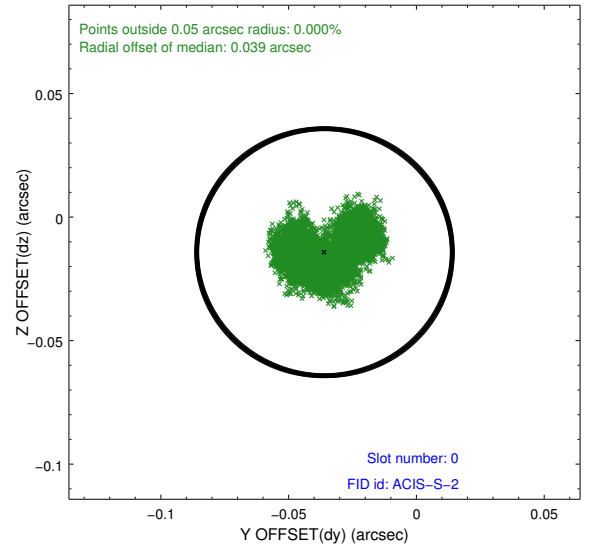
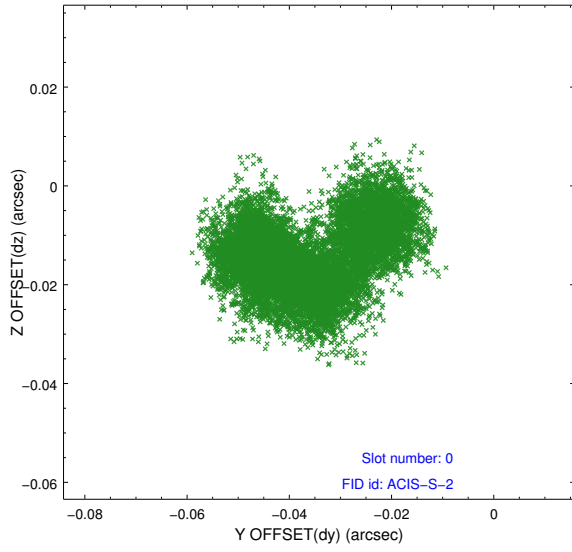


2.4.5 Slot 7

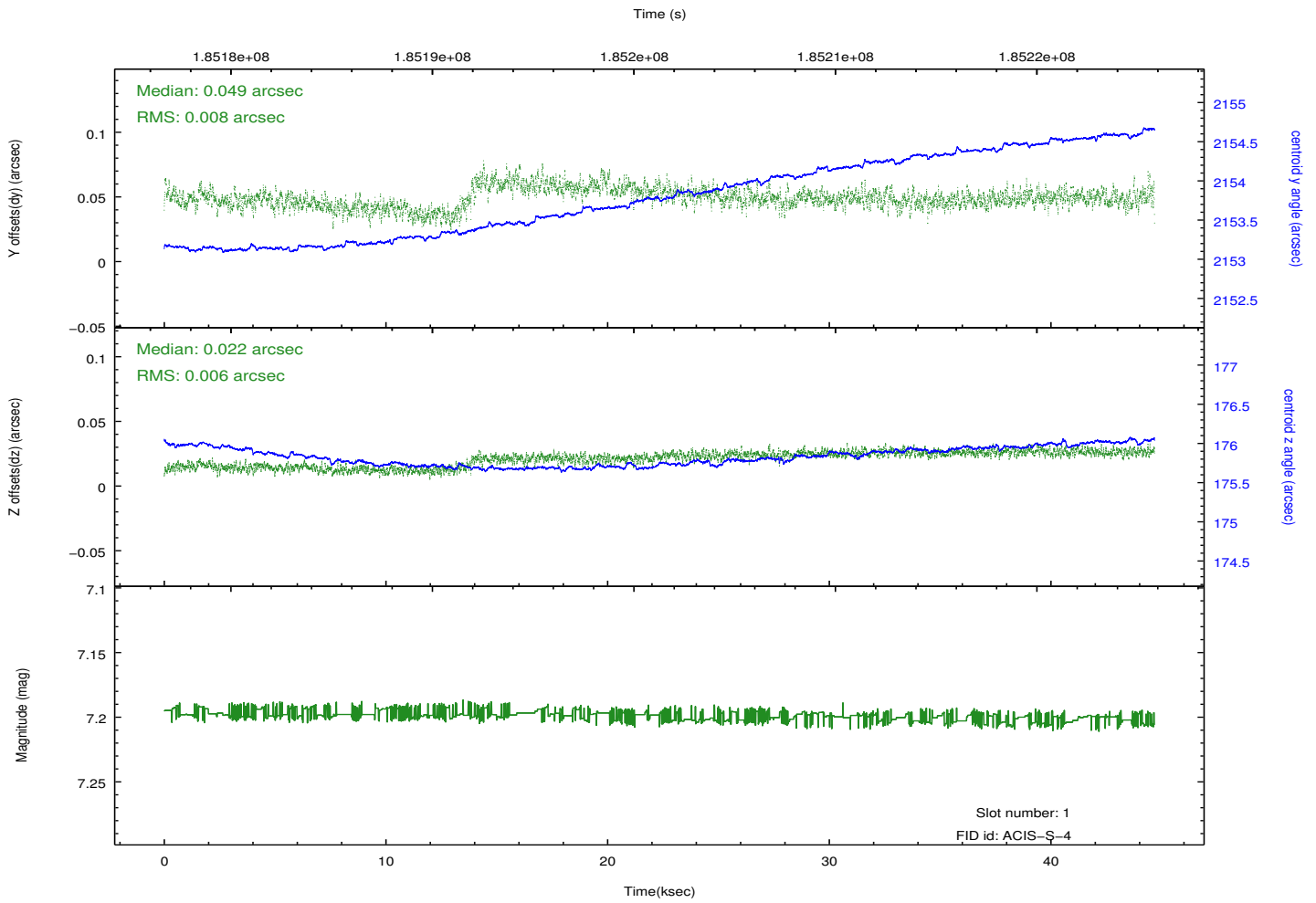
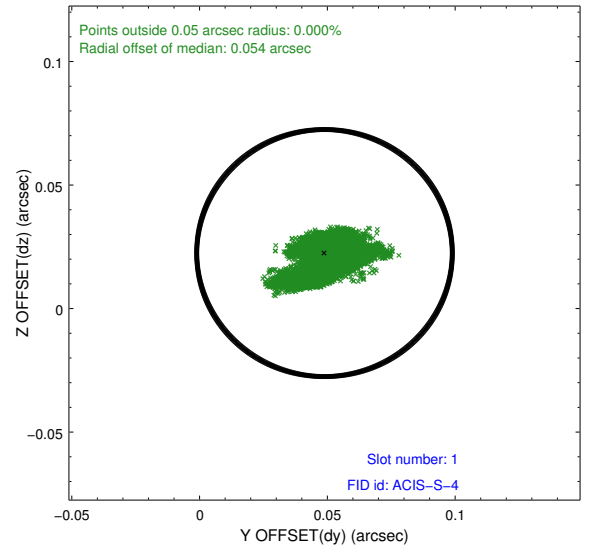
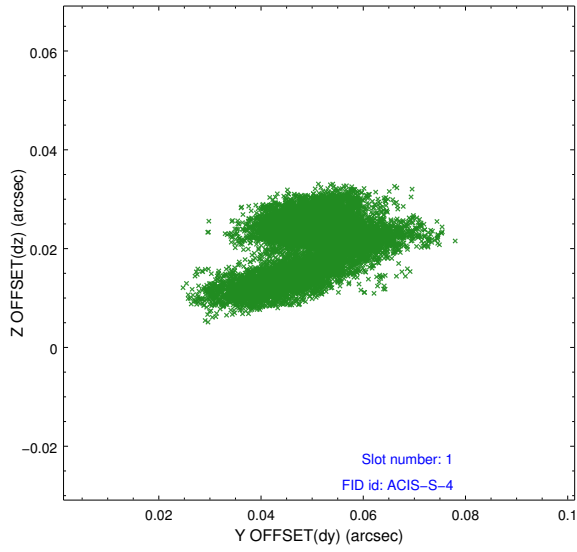


2.5 FID Slots

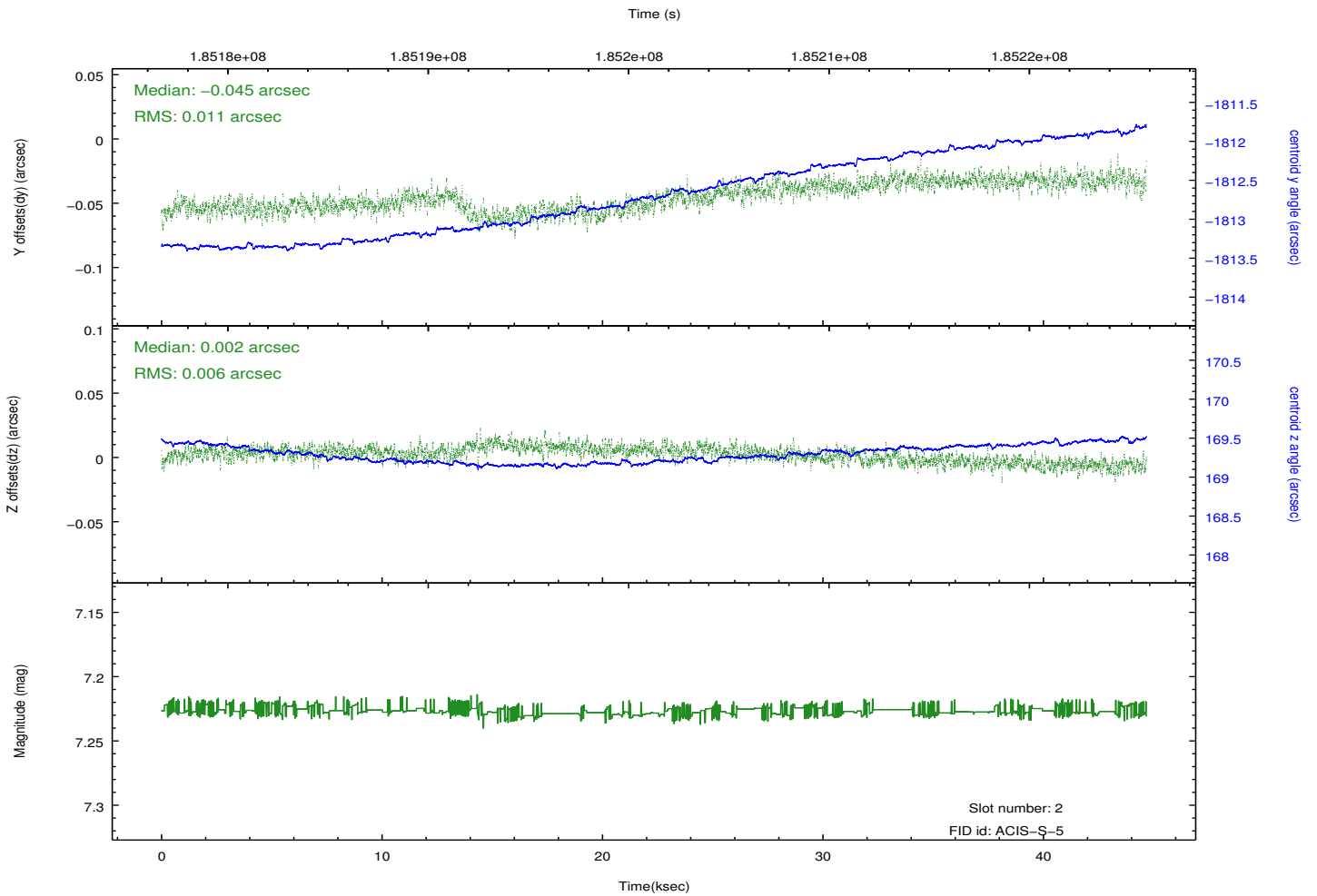
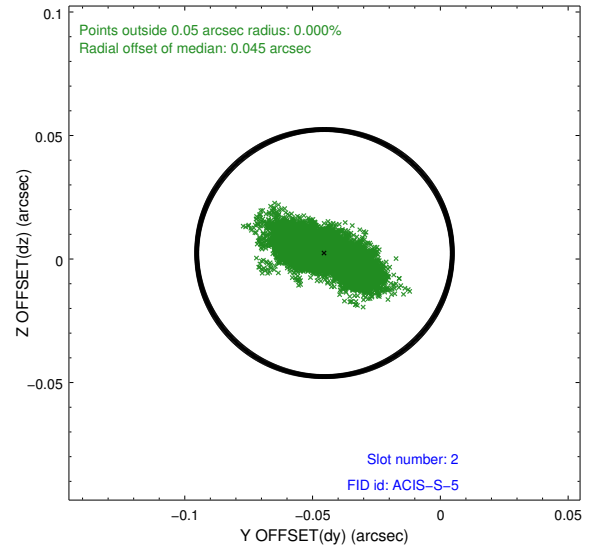
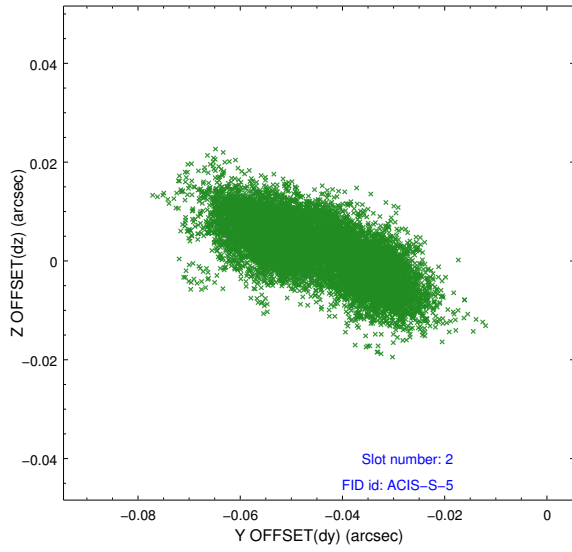
2.5.1 Slot 0



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)	2012.12.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.109

A.2 Comments