

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8062 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Apr 24 2012

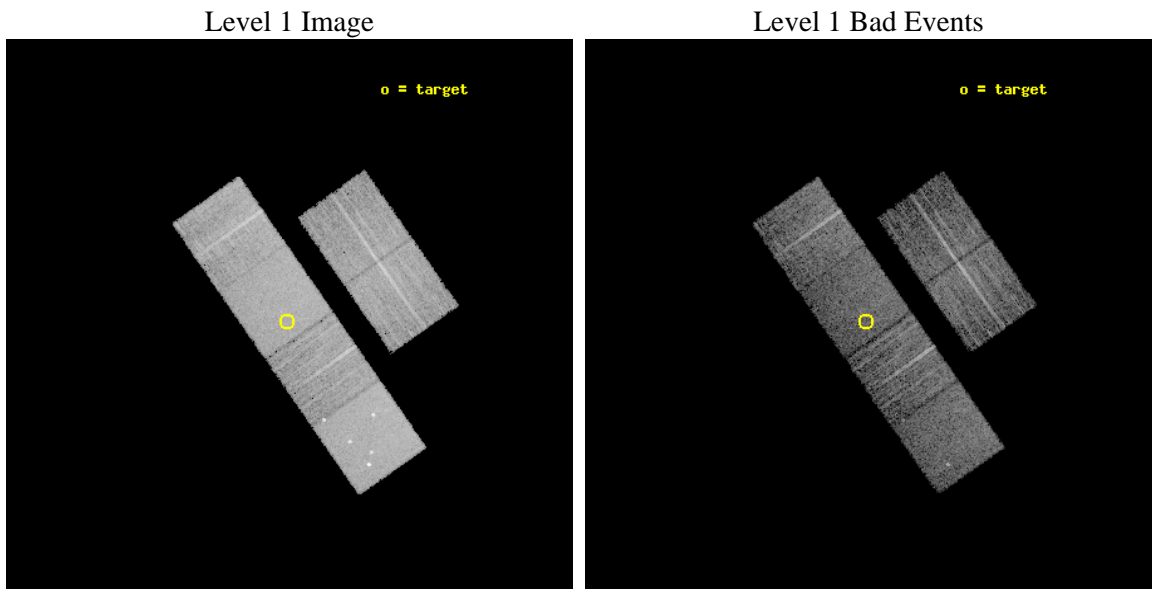
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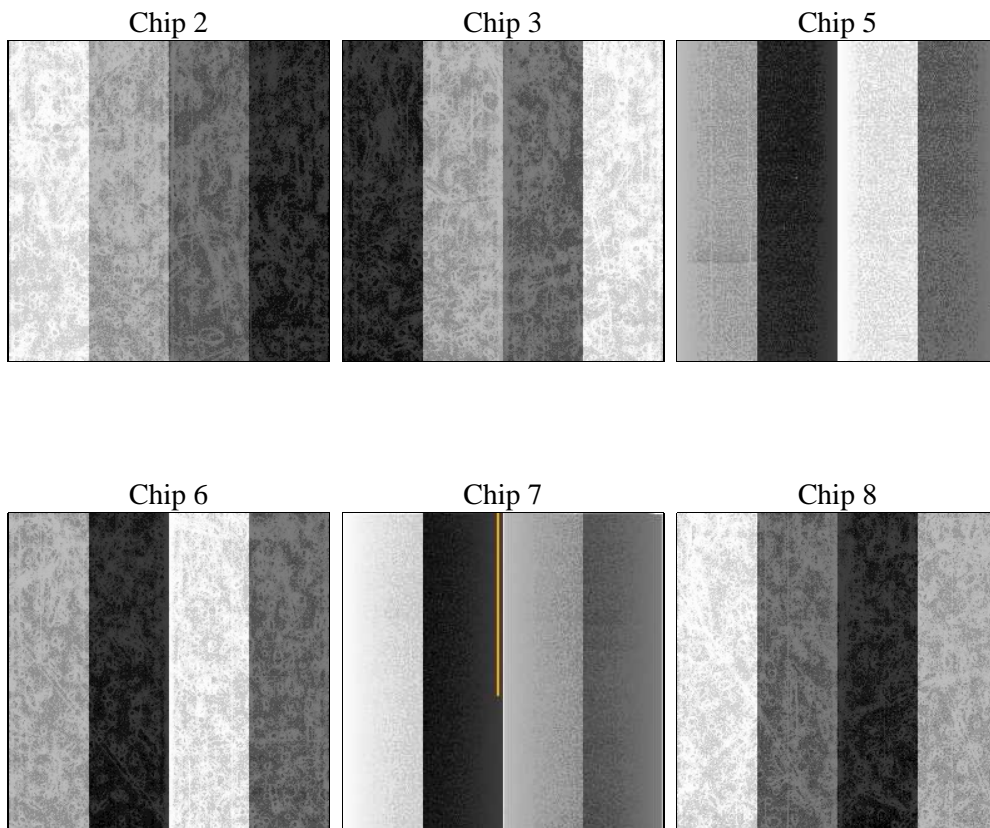
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5400.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	5350.3999801278	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	5350.3999801278	Sum of GTIs [s]
date	2012-04-24T21:03:13	Date and time of file creation	ontime3	5350.3999801278	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	5350.3999801278	Sum of GTIs [s]
			ontime6	5343.9180992246	Sum of GTIs [s]
			ontime7	5350.3999801278	Sum of GTIs [s]
			ontime8	5350.3999801278	Sum of GTIs [s]
			l1events	372010	Number of level 1 events

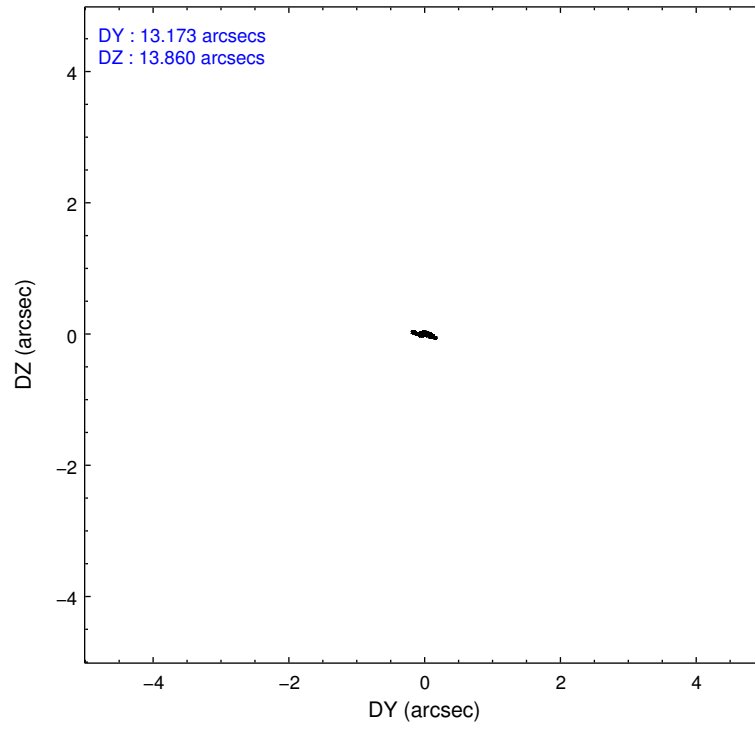
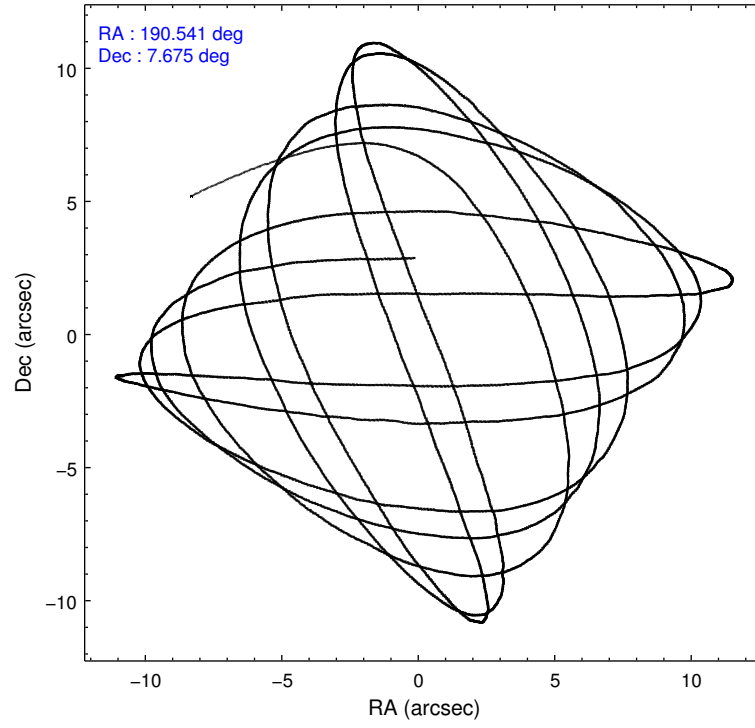
2.1.4 Events

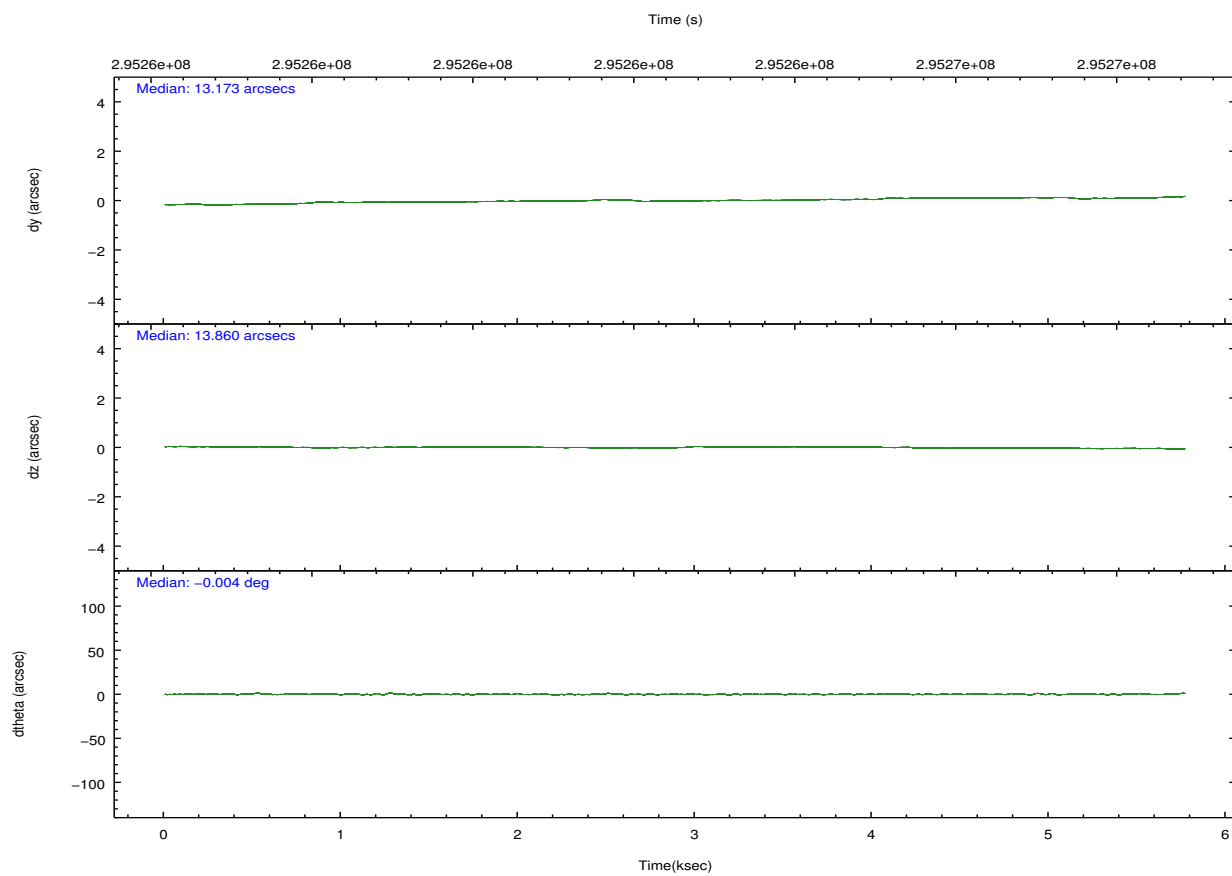
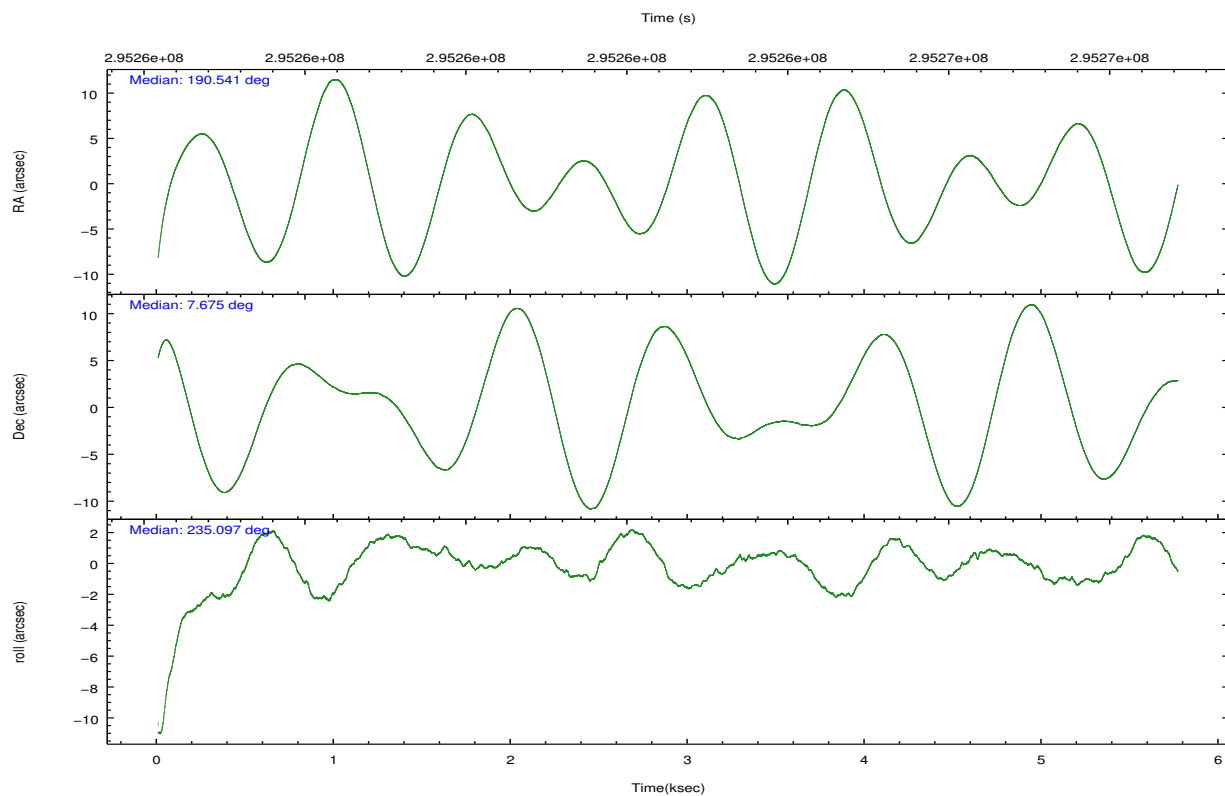
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	55686	48157	82088	51147	70262	64670	grade 0 events	2630	2687	4535	2306	2594	4685
rejected events	49625	42036	43640	45103	41043	49985		4%	5%	5%	4%	3%	7%
rejected %	89%	87%	53%	88%	58%	77%	grade 1 events	42	36	149	21	70	51
								0%	0%	0%	0%	0%	0%
							grade 2 events	1301	1191	11956	1251	5914	3236
								2%	2%	14%	2%	8%	5%
							grade 3 events	581	587	1368	591	2452	1639
								1%	1%	1%	1%	3%	2%
							grade 4 events	532	605	1327	609	2431	1484
								0%	1%	1%	1%	3%	2%
							grade 5 events	1958	2347	5764	2424	6648	3070
								3%	4%	7%	4%	9%	4%
							grade 6 events	1025	1058	19305	1296	15867	3653
								1%	2%	23%	2%	22%	5%
							grade 7 events	47617	39646	37684	42649	34286	46852
								85%	82%	45%	83%	48%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	190.542847	190.5408171679638	Subarray requested	NONE	NONE
[deg] Pointing Dec	7.701770	7.674429101424908	Alternating exposures requested	N	N
[deg] Pointing Roll	234.944165	235.1010578946608	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	295261751.184000	295260698.6657			
Observation start date	2007-05-11T09:08:06	2007-05-11T08:51:38			
[s] Observation end time (MET)	295267151.184000	295268491.22857			
Observation end date	2007-05-11T10:38:06	2007-05-11T11:01:31			
Read mode	TIMED	TIMED			

2.3 Aspect



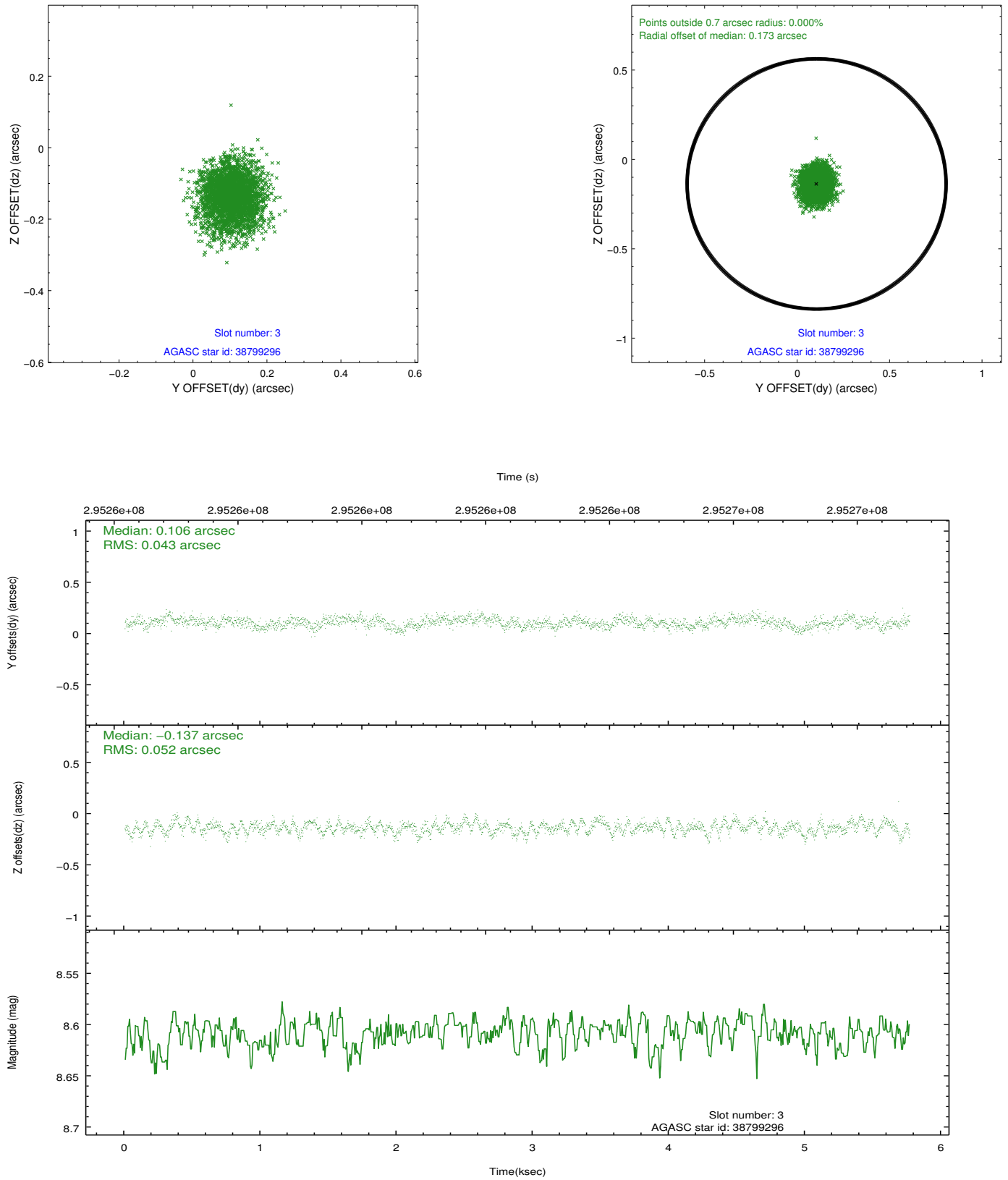


Slot Statistics

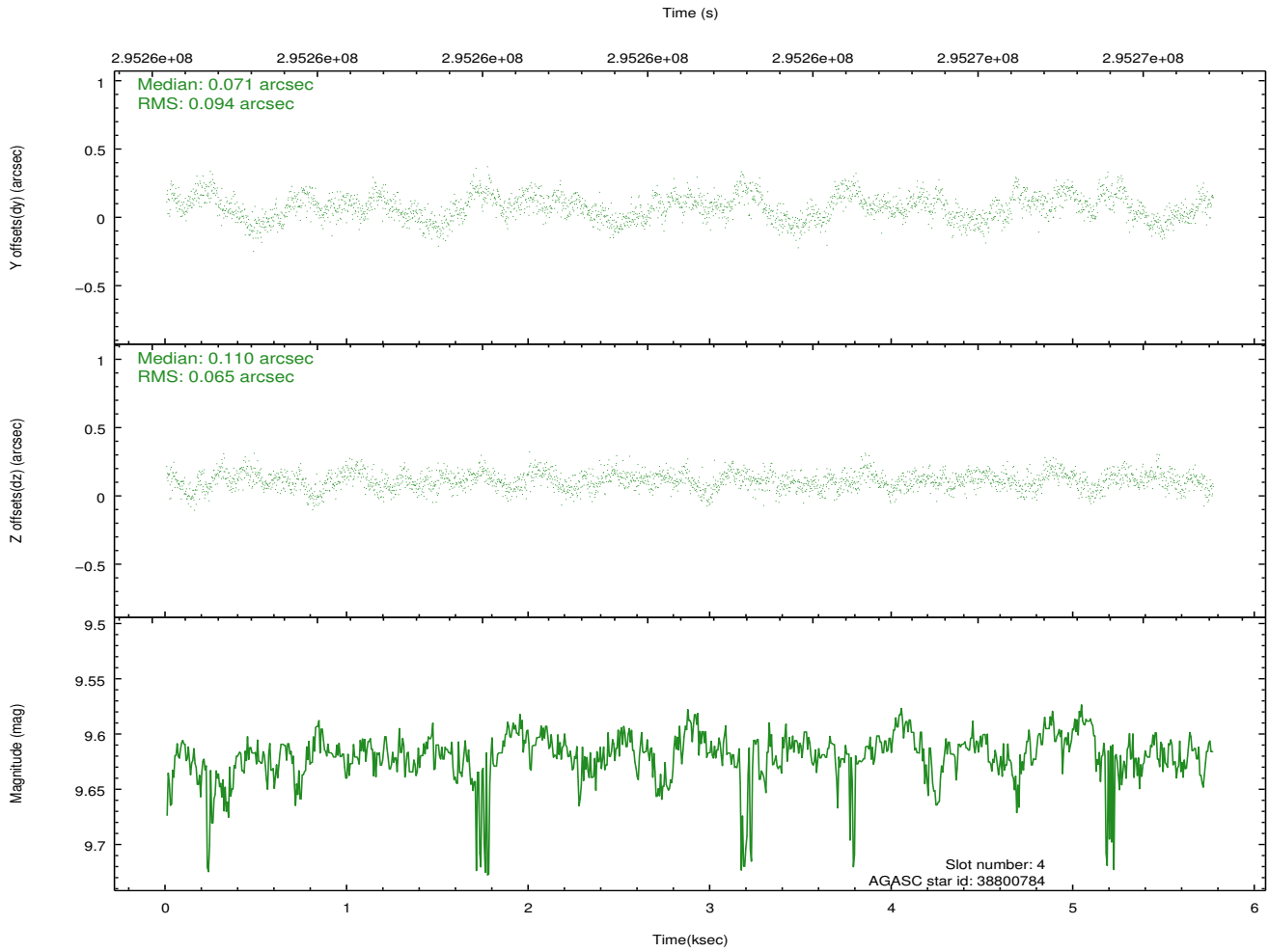
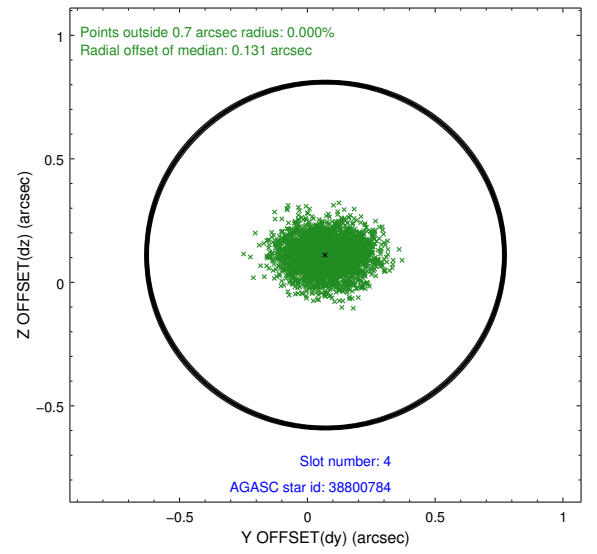
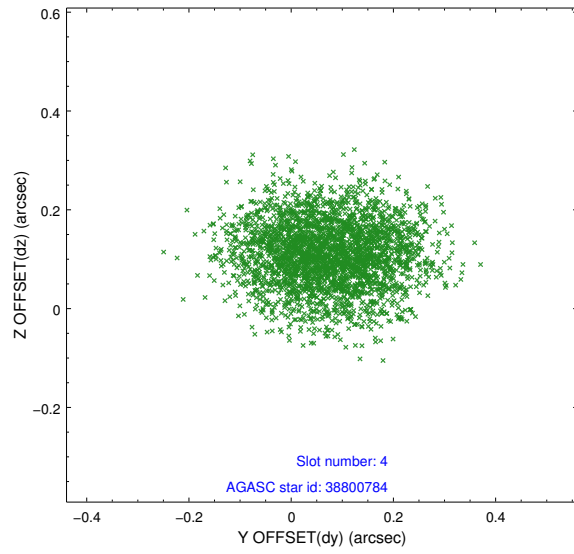
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1406	-0.035	-0.059	0.007	0.013	0.000000	0.000000	-766.13	-1735.21
1	FID	ACIS-S-4	7.19	1405	0.171	0.033	0.008	0.015	0.000000	0.000000	2146.88	172.29
2	FID	ACIS-S-5	7.23	1406	-0.166	0.034	0.008	0.014	0.000000	0.000000	-1817.77	167.14
3	GUIDE	38799296	8.61	2812	0.106	-0.137	0.072	0.116	190.448800	7.370503	1169.27	410.20
4	GUIDE	38800784	9.62	2804	0.071	0.110	0.124	0.196	190.463415	7.032478	2135.94	1151.99
5	GUIDE	114693312	9.86	2808	-0.095	-0.000	0.137	0.220	190.167933	8.209094	-727.26	-2142.58
6	GUIDE	114695320	9.38	2811	0.014	0.054	0.107	0.169	189.844685	7.574189	1805.40	-1777.32
7	GUIDE	114695952	8.36	2811	-0.090	-0.025	0.073	0.117	191.104557	7.997243	-2021.42	1026.90

2.4 Star Slots

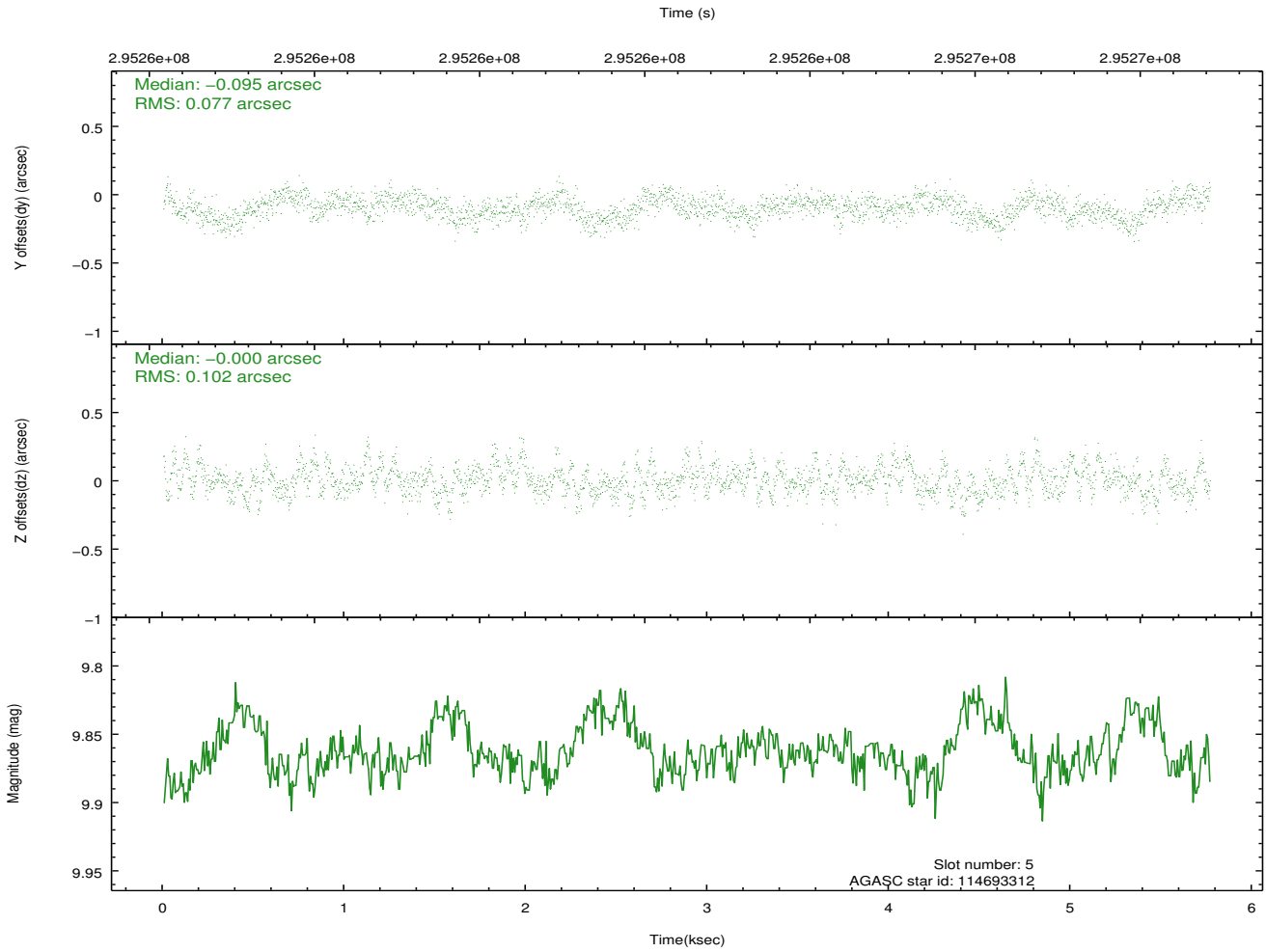
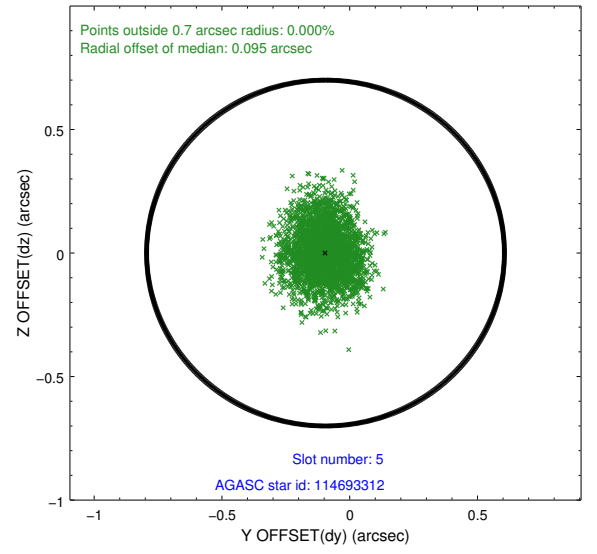
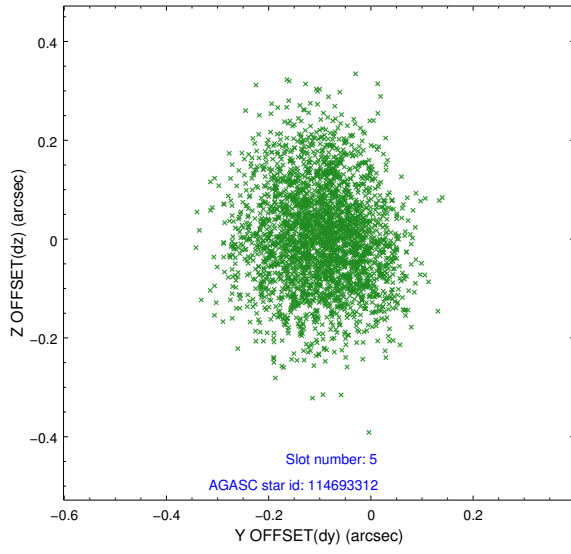
2.4.1 Slot 3



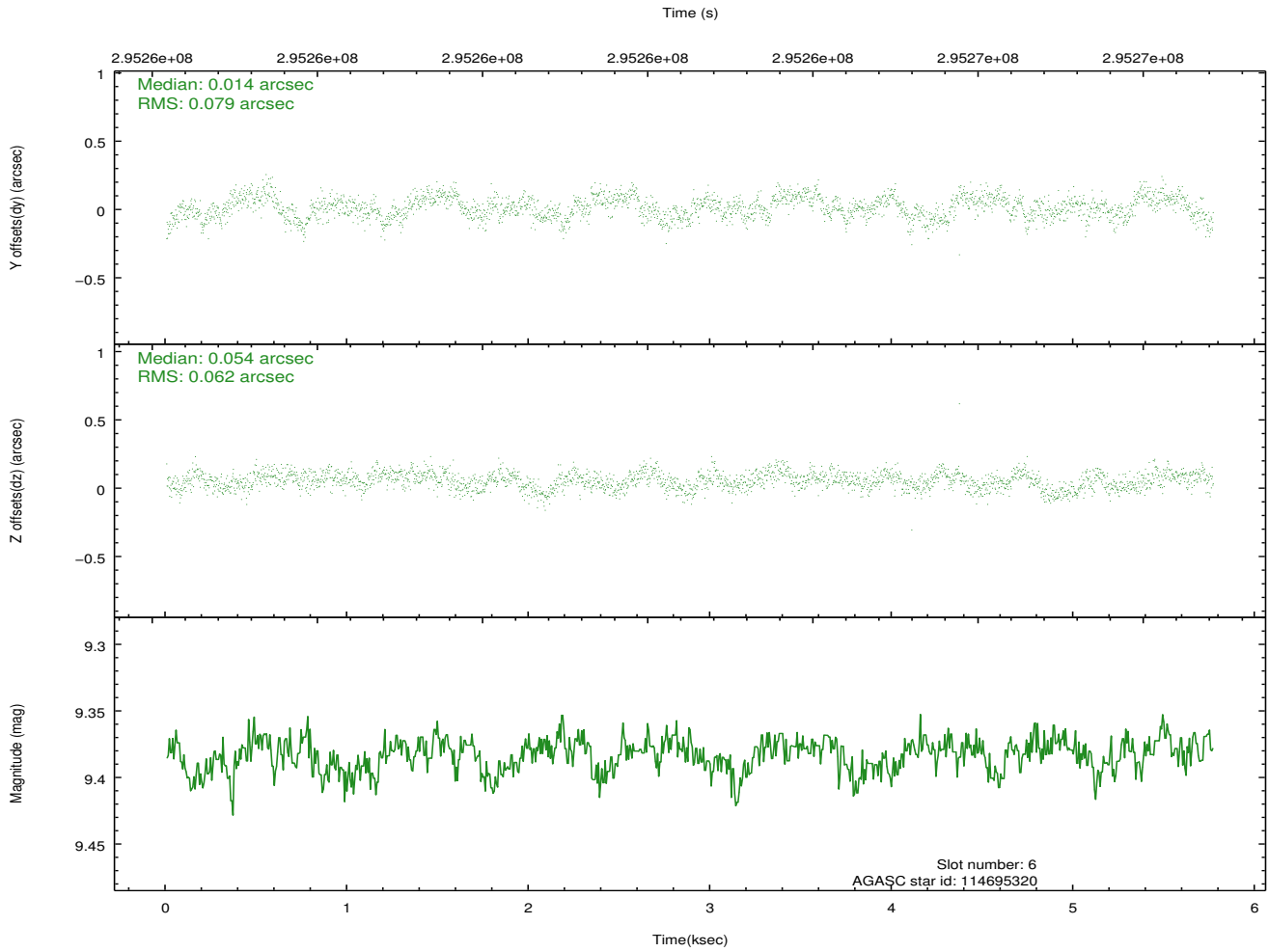
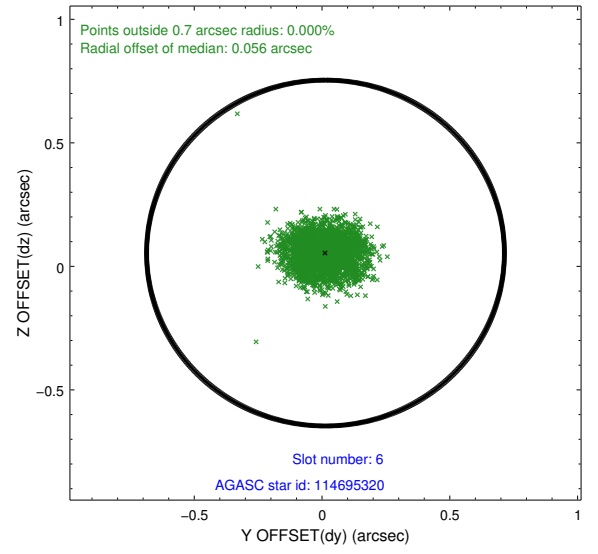
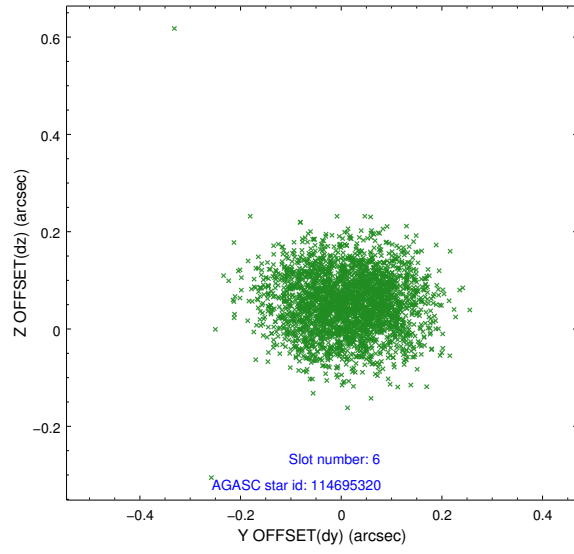
2.4.2 Slot 4



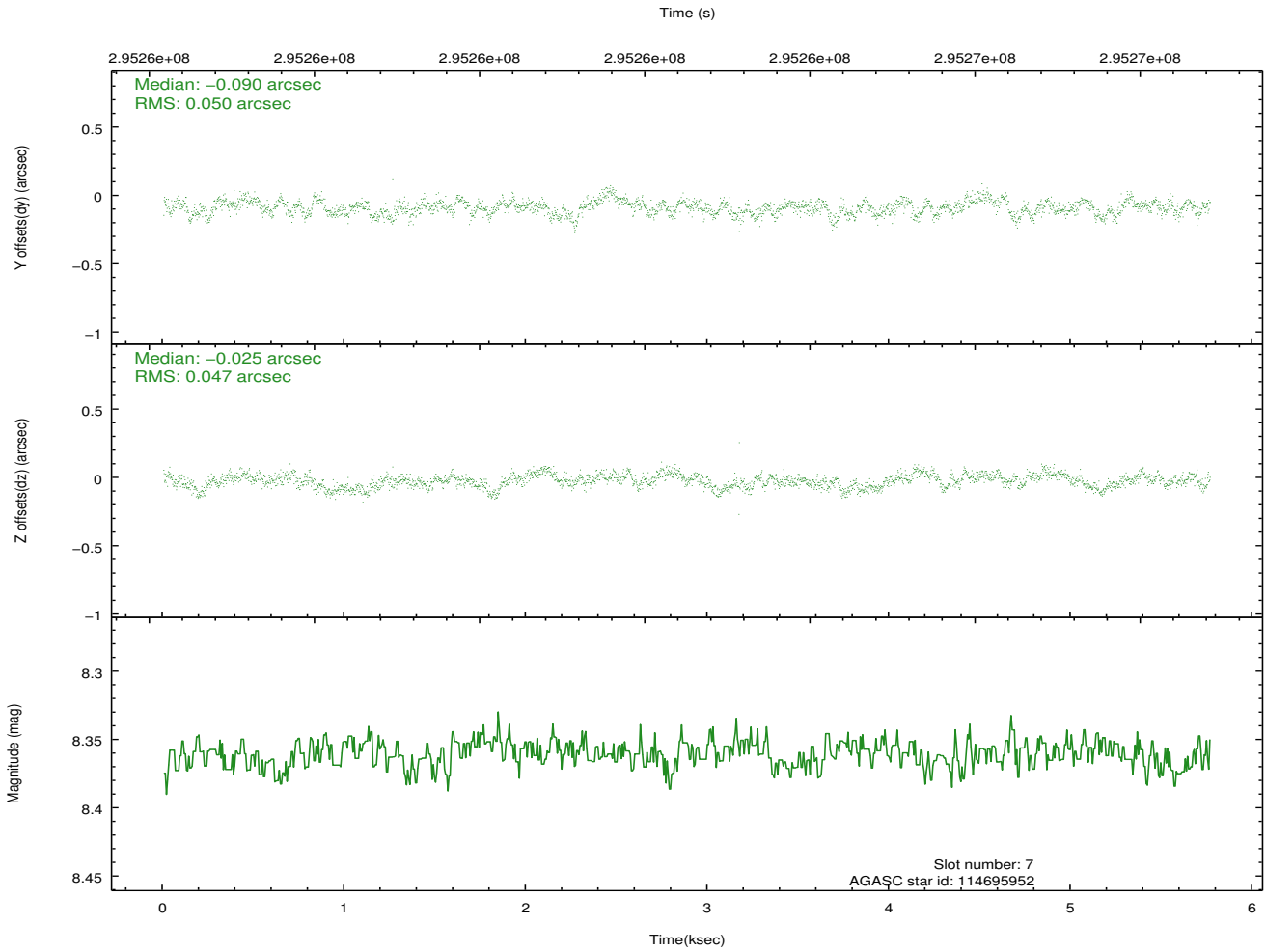
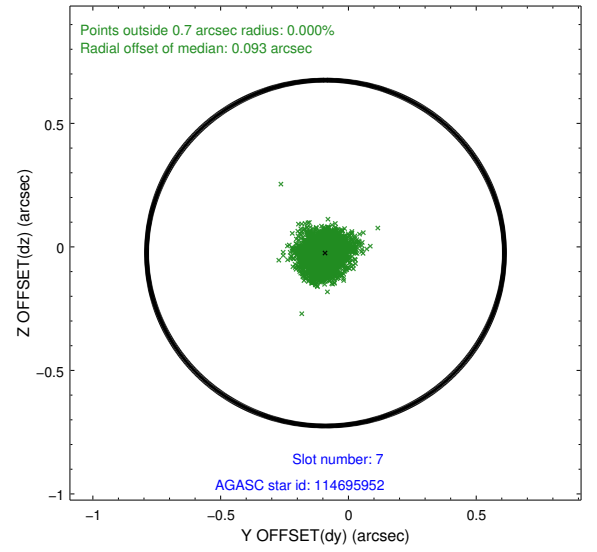
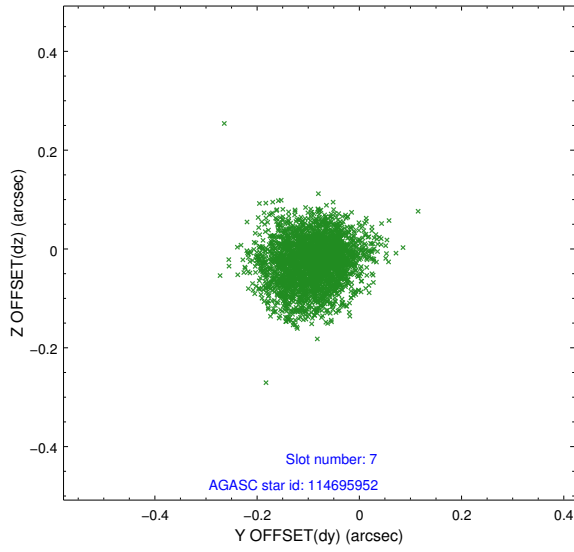
2.4.3 Slot 5



2.4.4 Slot 6

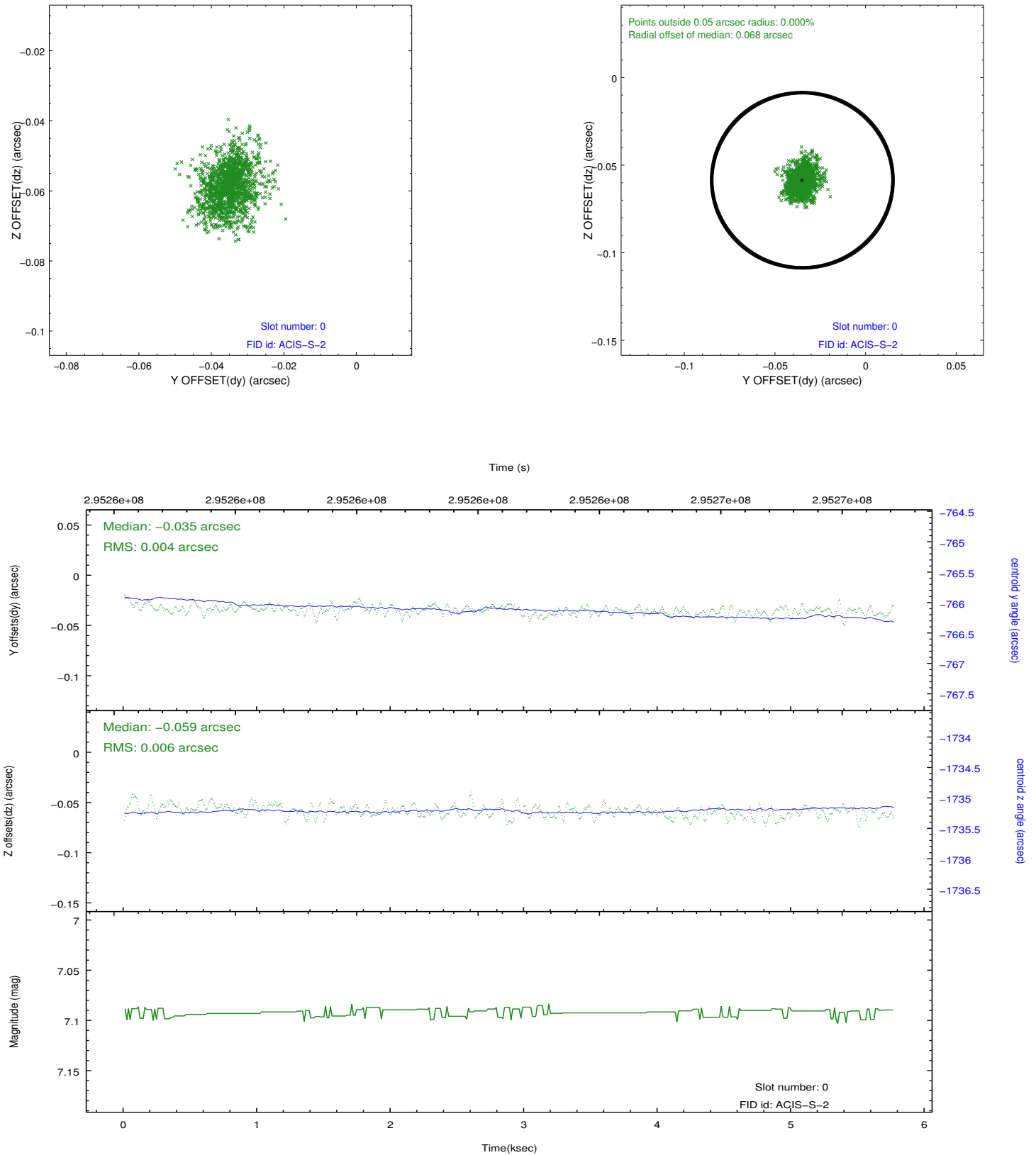


2.4.5 Slot 7

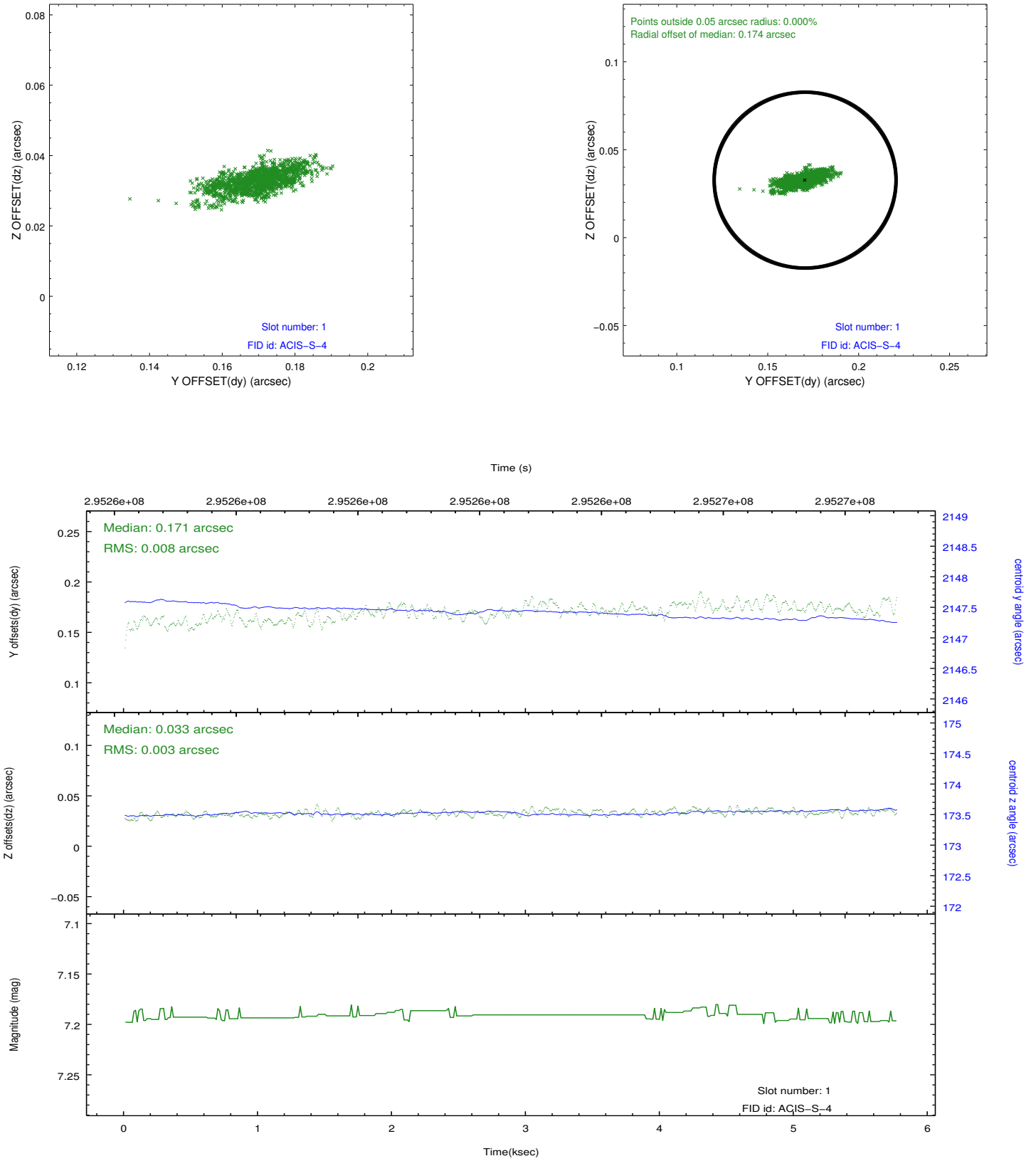


2.5 FID Slots

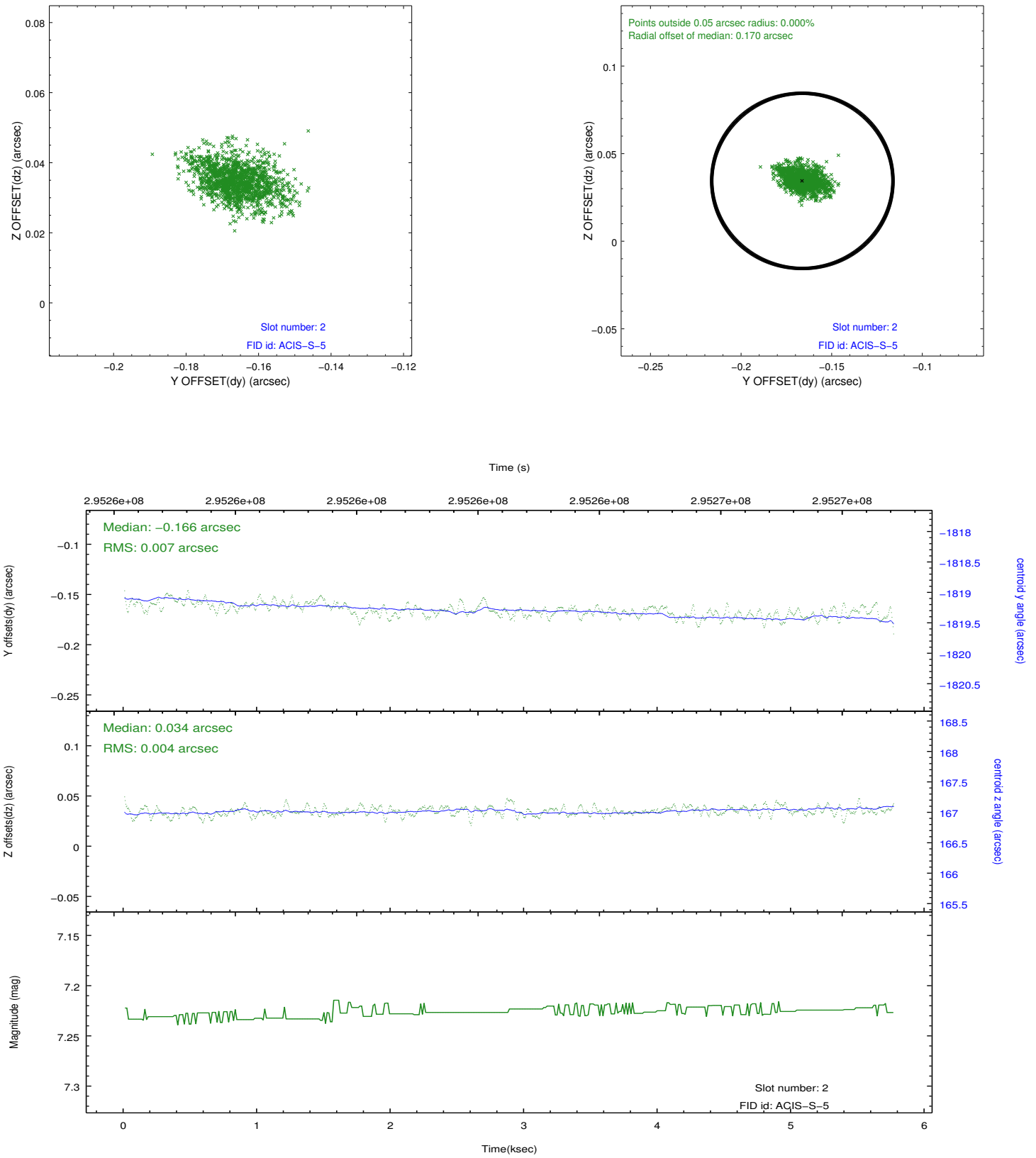
2.5.1 Slot 0



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)	2012.04.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.35039998

A.2 Comments

Joint Proposal: Spitzer