

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1559 - L2 Version 3
Chandra X-Ray Center

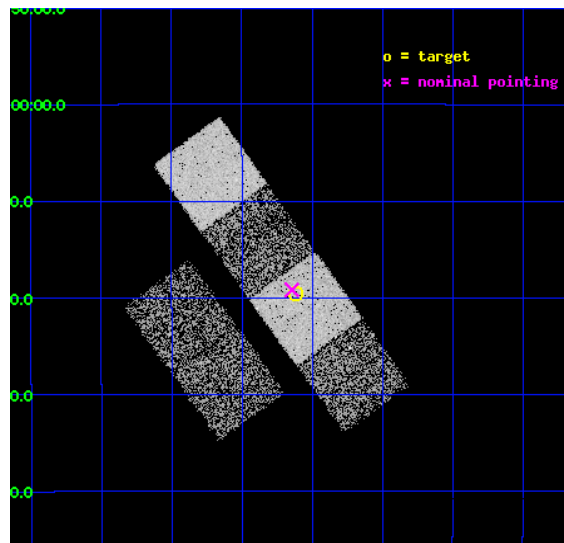
L2 Processing Date : Sep 11 2012

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1 Front

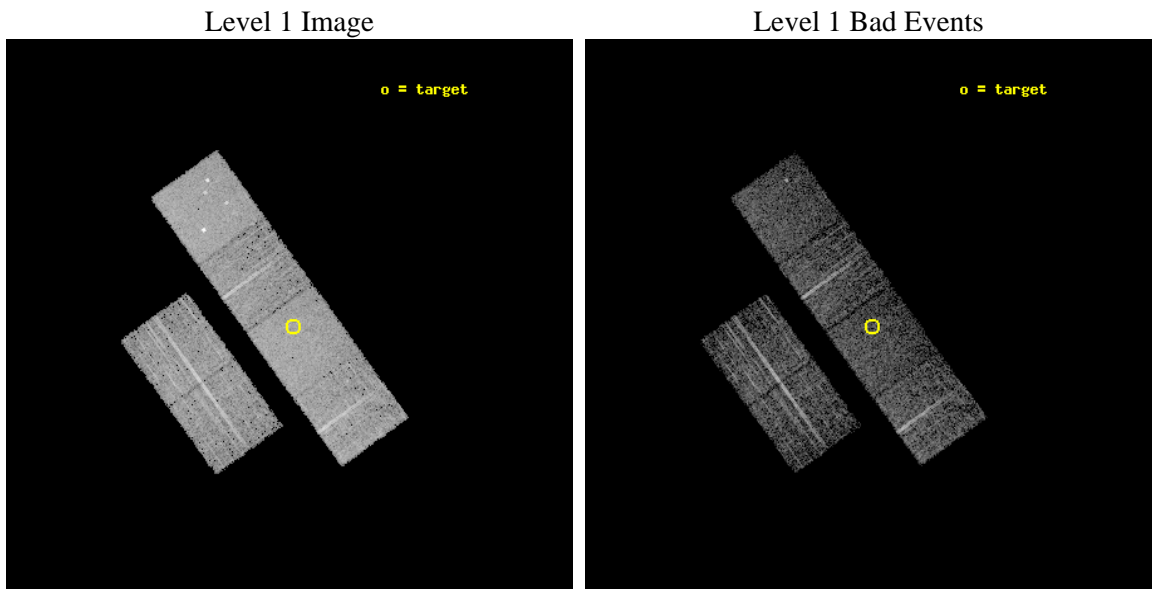
seq_num	600116	Sequence number
obs_id	1559	Observation id
title	THE GIANT-OUTBURST SOURCE RXJ1242-1119: IDENTIFICATION OF THE COUNTERPART	Proposal title
observer	Dr. Peter Predehl	Principal investigator
object	RXJ1242-1119	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	190.65375	Observer's specified target RA [deg]
dec_targ	-11.326389	Observer's specified target Dec [deg]
ra_nom	190.66092697097	Nominal RA [deg]
dec_nom	-11.319421556376	Nominal Dec [deg]
roll_nom	54.17340201129	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4534.4000042081	Sum of GTIs [s]
livetime	4476.9827010669	Livetime [s]
ontime2	4534.4000042081	Sum of GTIs [s]
ontime3	4534.4000042081	Sum of GTIs [s]
ontime5	4534.4000042081	Sum of GTIs [s]
ontime6	4534.4000042081	Sum of GTIs [s]
ontime7	4534.4000042081	Sum of GTIs [s]
ontime8	4534.4000042081	Sum of GTIs [s]
l2events	45579	Number of level 2 events



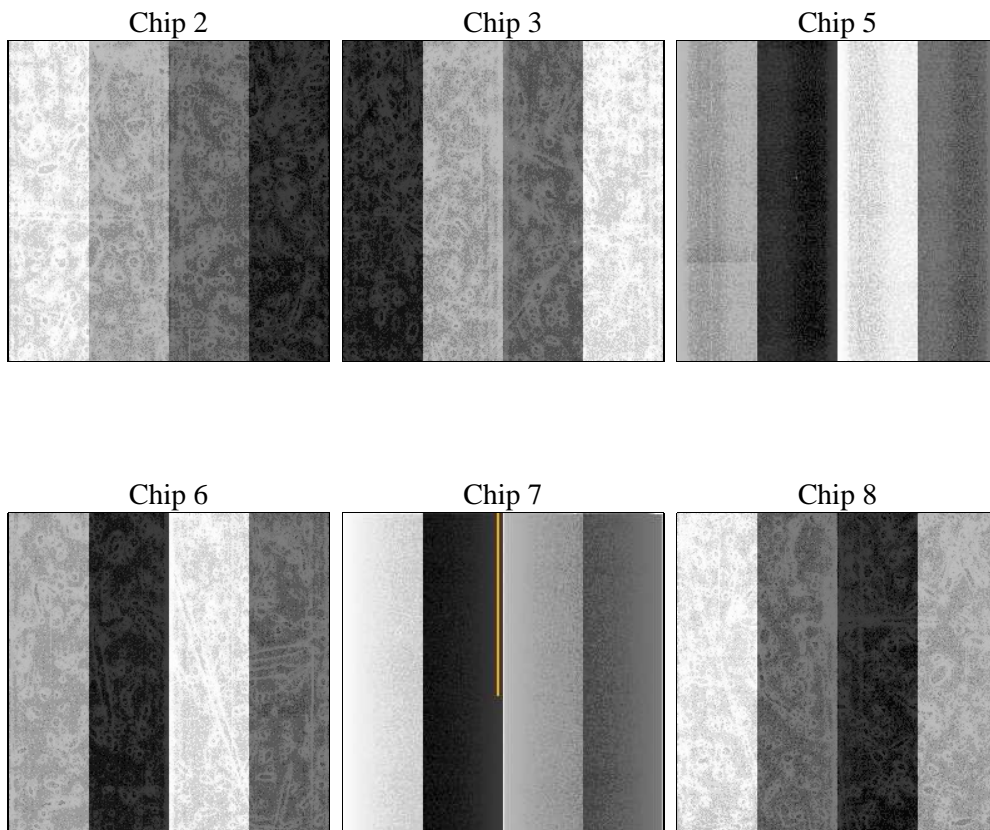
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4388.155000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4534.4000042081	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime2	4534.4000042081	Sum of GTIs [s]
date	2012-09-11T23:47:58	Date and time of file creation	ontime3	4534.4000042081	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	4534.4000042081	Sum of GTIs [s]
			ontime6	4534.4000042081	Sum of GTIs [s]
			ontime7	4534.4000042081	Sum of GTIs [s]
			ontime8	4534.4000042081	Sum of GTIs [s]
			l1events	219878	Number of level 1 events

2.1.4 Events

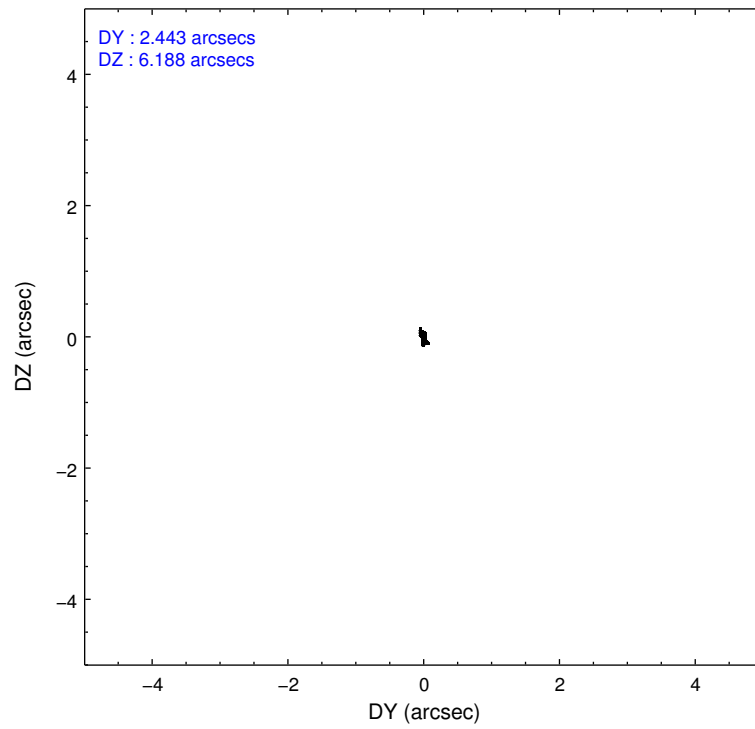
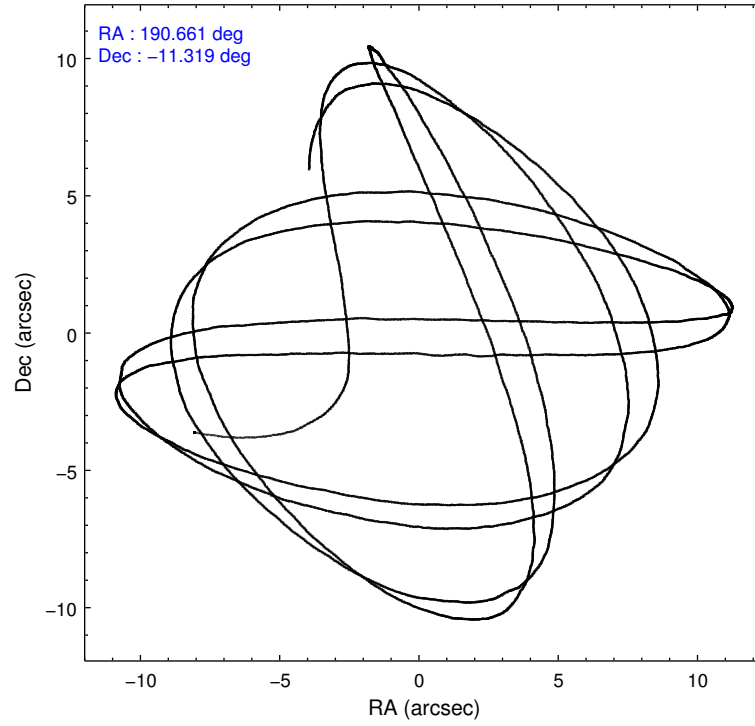
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	34235	30823	45059	31222	39587	38952
rejected events	30850	27565	24466	27680	23591	31441
rejected %	90%	89%	54%	88%	59%	80%

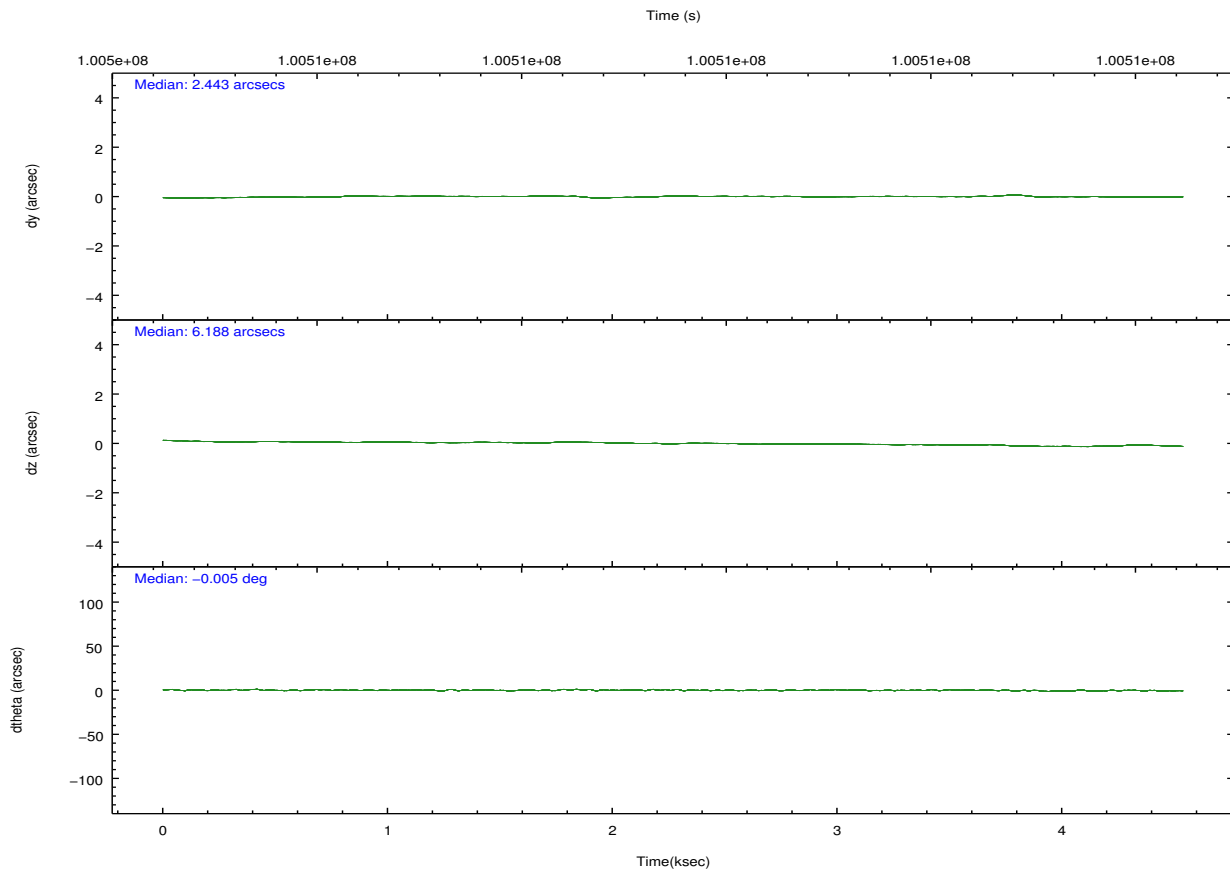
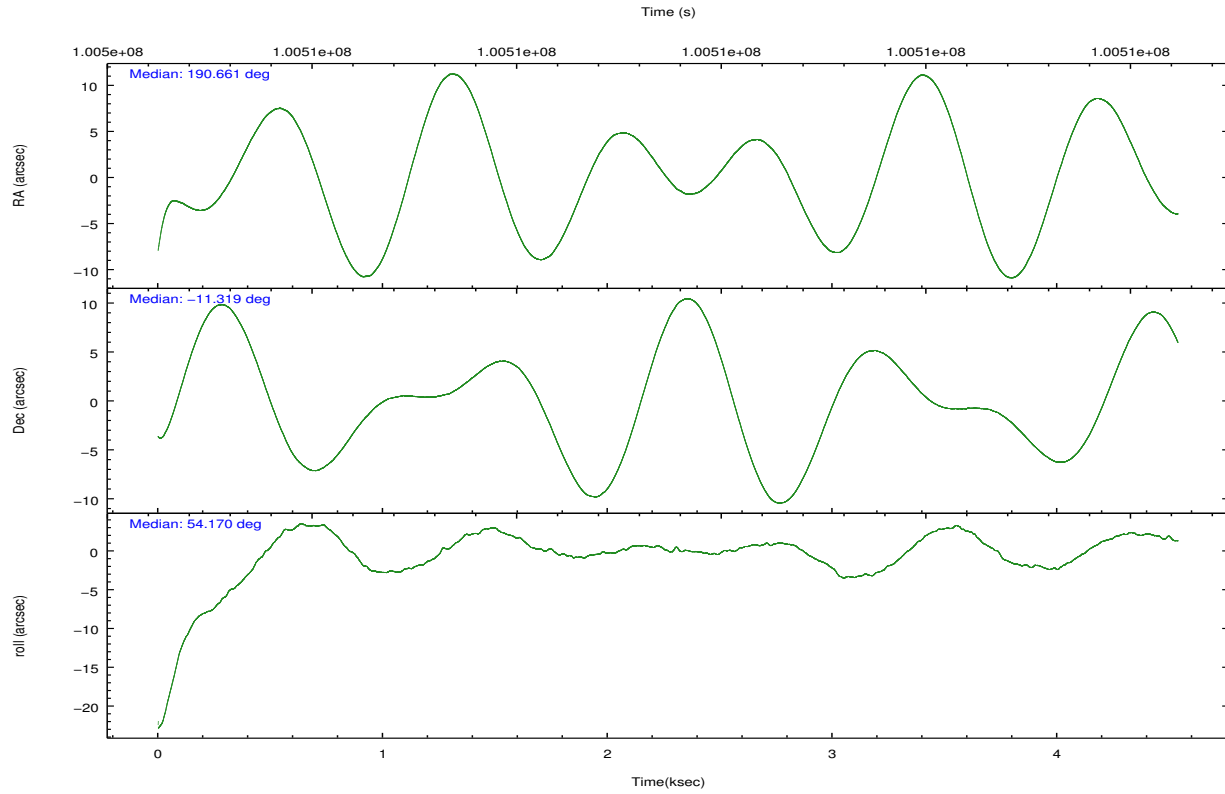
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1531	1471	3398	1513	1656	2520
	4%	4%	7%	4%	4%	6%
grade 1 events	20	11	65	11	45	20
	0%	0%	0%	0%	0%	0%
grade 2 events	718	640	5621	724	3173	1711
	2%	2%	12%	2%	8%	4%
grade 3 events	332	351	1157	357	1514	799
	0%	1%	2%	1%	3%	2%
grade 4 events	350	354	875	365	1502	678
	1%	1%	1%	1%	3%	1%
grade 5 events	1069	1157	3433	1287	3795	1506
	3%	3%	7%	4%	9%	3%
grade 6 events	579	583	10358	720	8766	2063
	1%	1%	22%	2%	22%	5%
grade 7 events	29636	26256	20152	26245	19136	29655
	86%	85%	44%	84%	48%	76%

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	190.658389	190.6609269709686	Subarray requested	NONE	NONE
[deg] Pointing Dec	-11.346788	-11.31942155637637	Alternating exposures requested	N	N
[deg] Pointing Roll	54.016286	54.17340201128965	[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	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	100505623.184000	100504459.69994			
Observation start date	2001-03-09T06:12:39	2001-03-09T05:54:19			
[s] Observation end time (MET)	100510012.184000	100510326.28767			
Observation end date	2001-03-09T07:25:48	2001-03-09T07:32:06			
Read mode	TIMED	TIMED			

2.3 Aspect



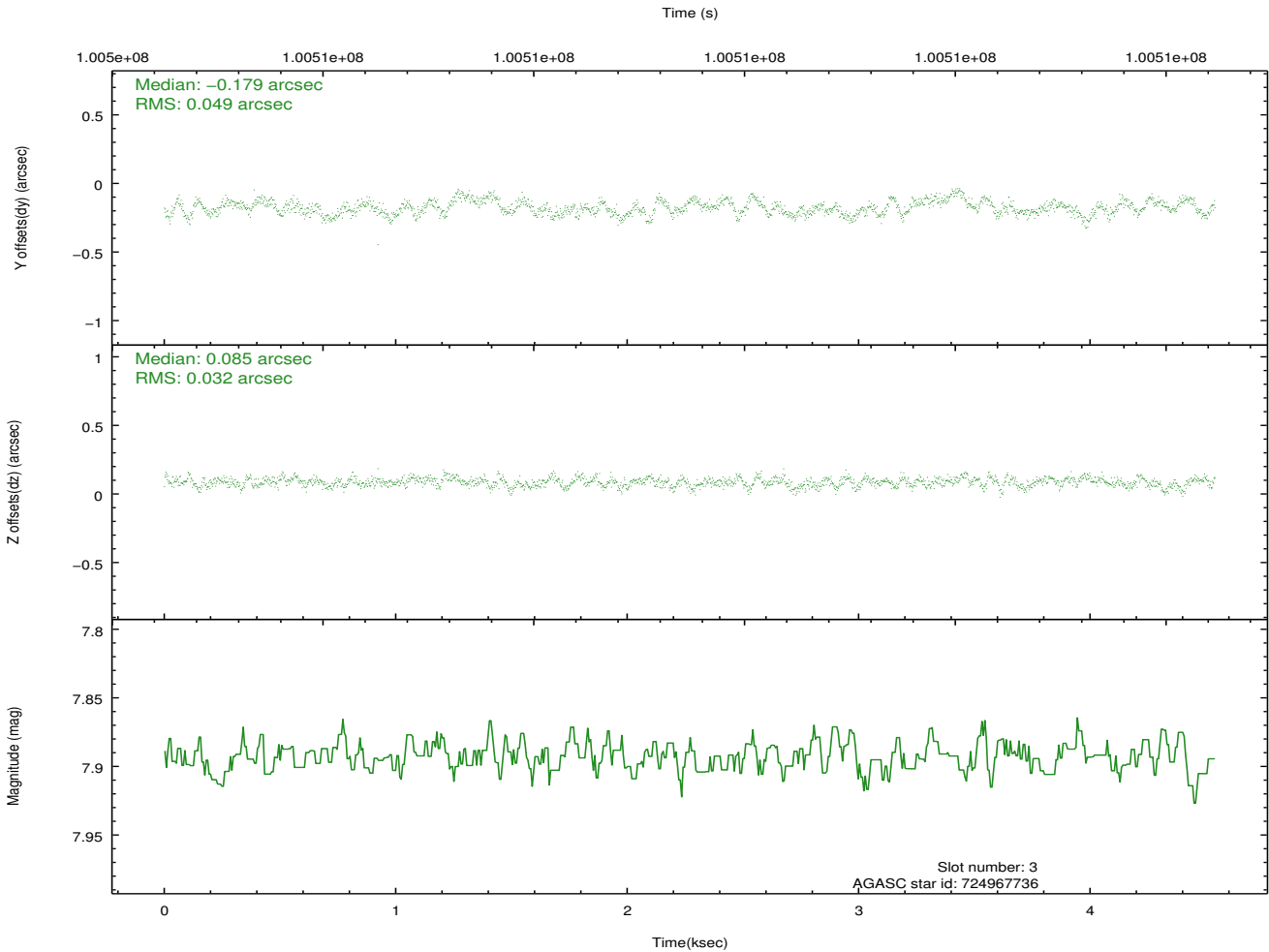
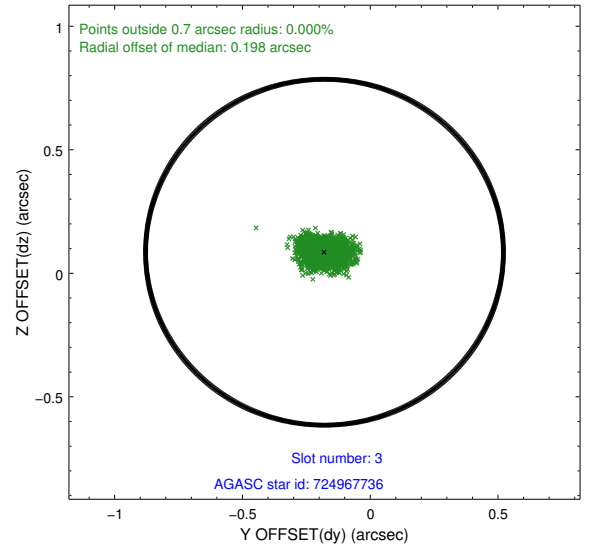
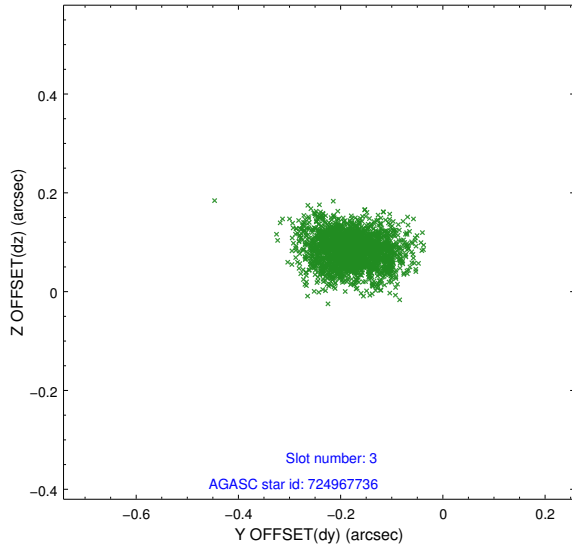


Slot Statistics

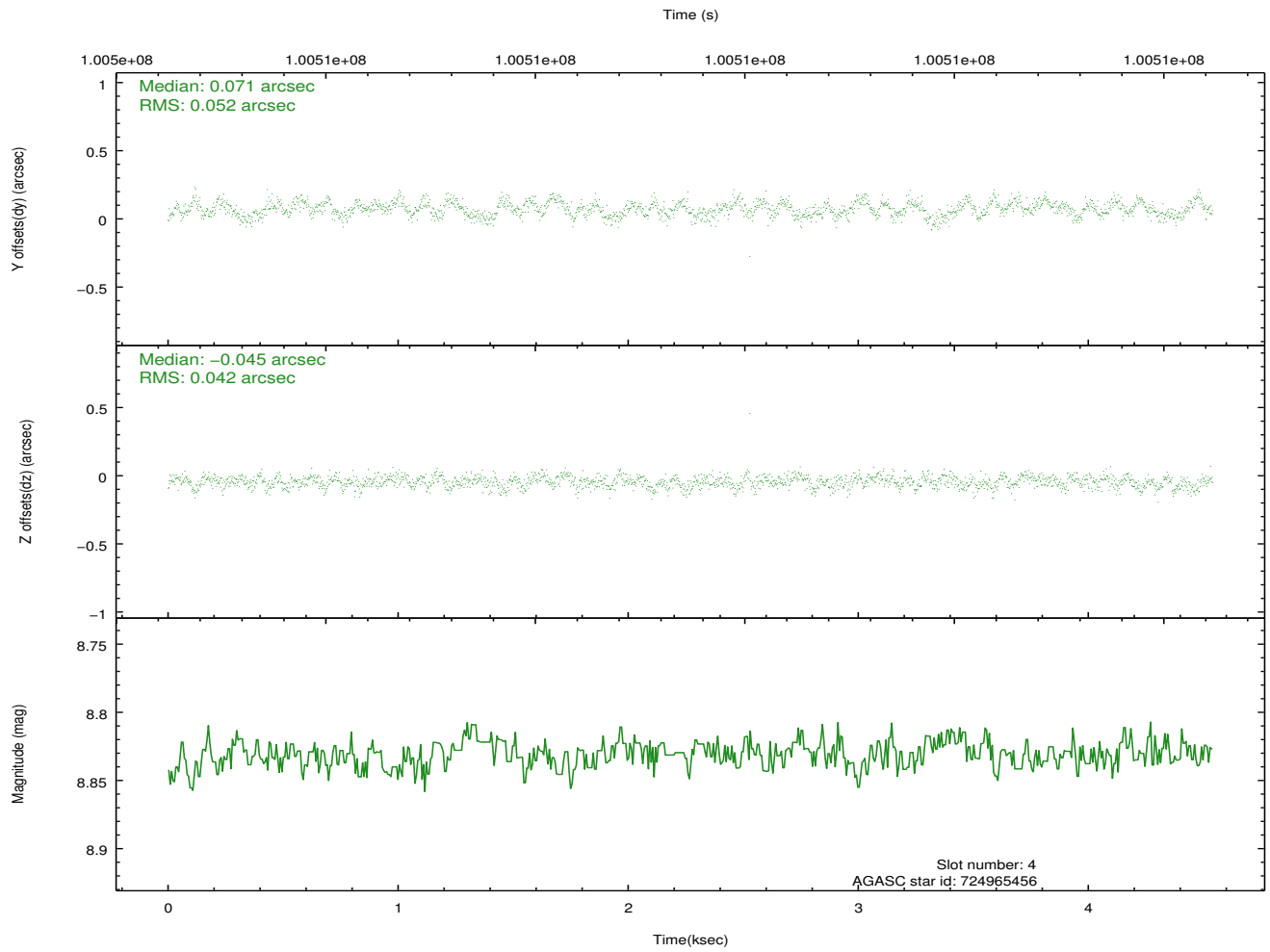
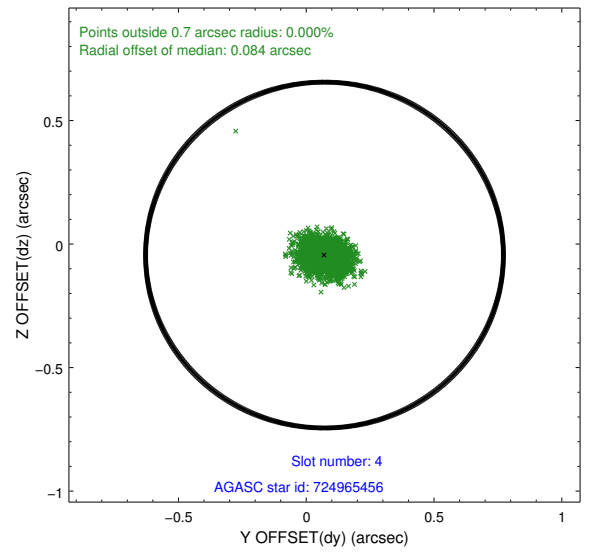
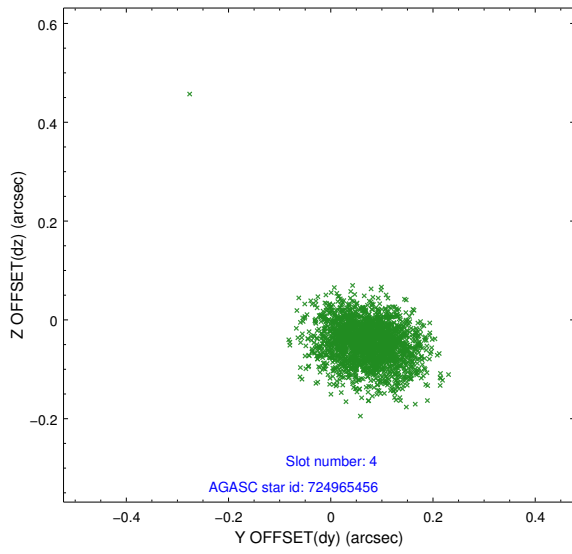
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1107	-0.031	0.003	0.006	0.011	0.000000	0.000000	-755.06	-1727.34
1	FID	ACIS-S-4	7.20	1107	-0.037	0.014	0.006	0.009	0.000000	0.000000	2157.56	179.81
2	FID	ACIS-S-5	7.23	1107	0.037	-0.009	0.006	0.011	0.000000	0.000000	-1806.12	174.93
3	GUIDE	724967736	7.89	2215	-0.179	0.085	0.062	0.104	191.267974	-10.999423	2274.30	-1009.33
4	GUIDE	724965456	8.83	2215	0.071	-0.045	0.070	0.112	190.440222	-11.591595	-1165.75	104.20
5	GUIDE	724971048	8.79	2215	-0.005	-0.073	0.060	0.098	190.547082	-11.185183	237.72	660.04
6	GUIDE	724969752	8.53	2215	-0.042	0.060	0.051	0.084	191.101692	-11.318790	998.79	-1207.13
7	GUIDE	724970568	9.26	2213	0.150	-0.025	0.075	0.123	190.273943	-11.584336	-1490.19	593.66

2.4 Star Slots

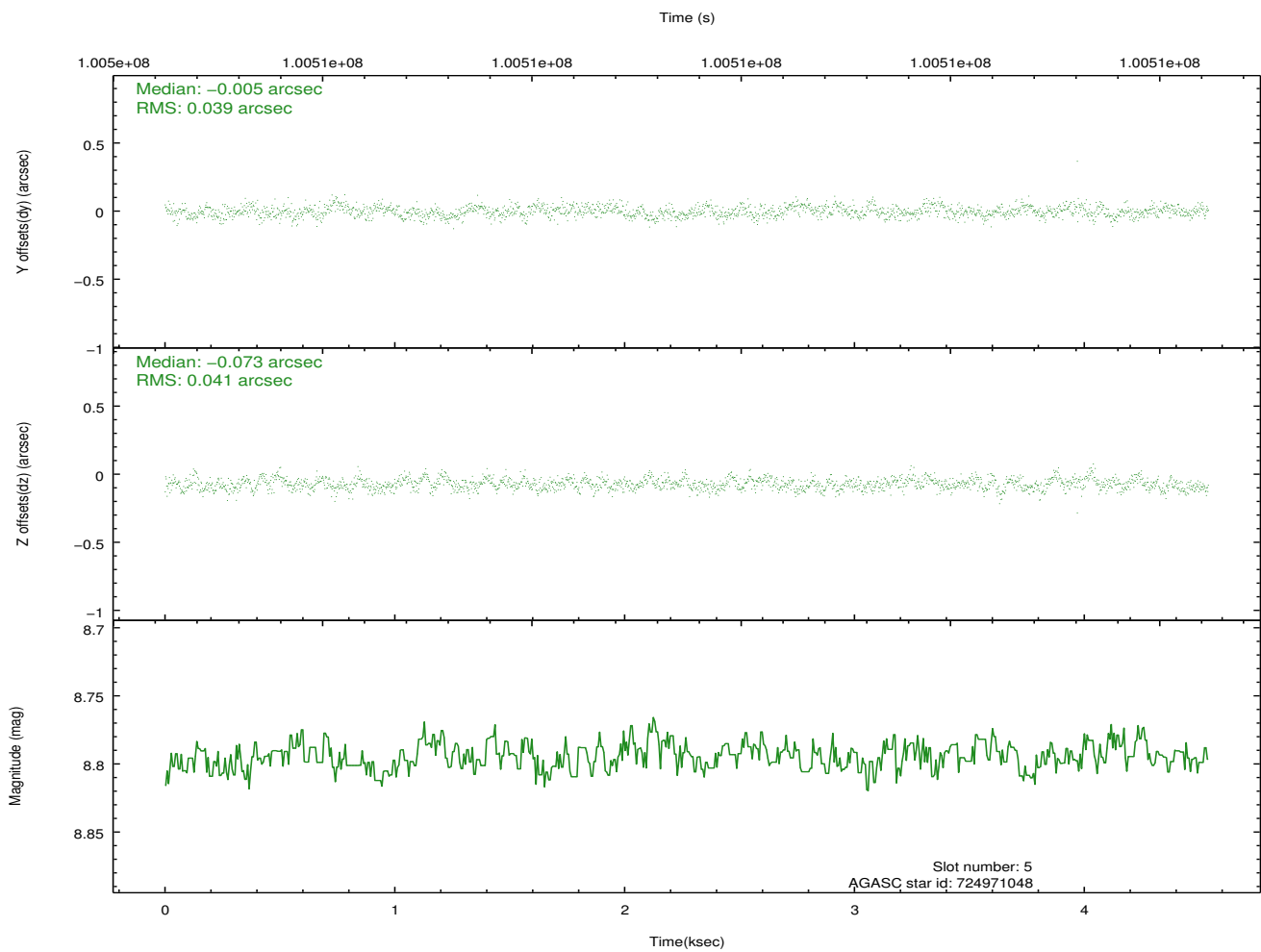
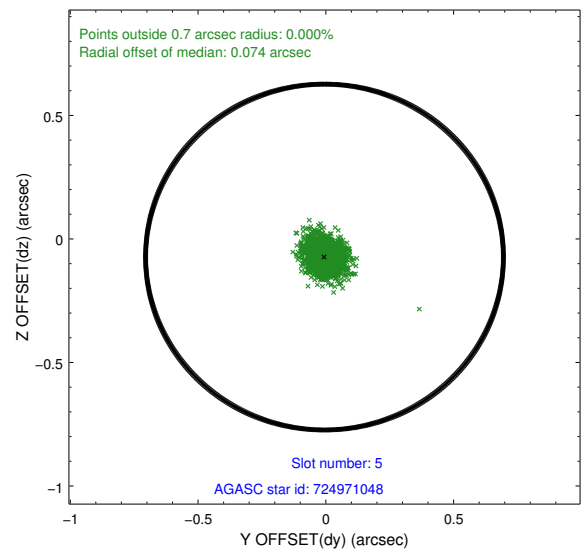
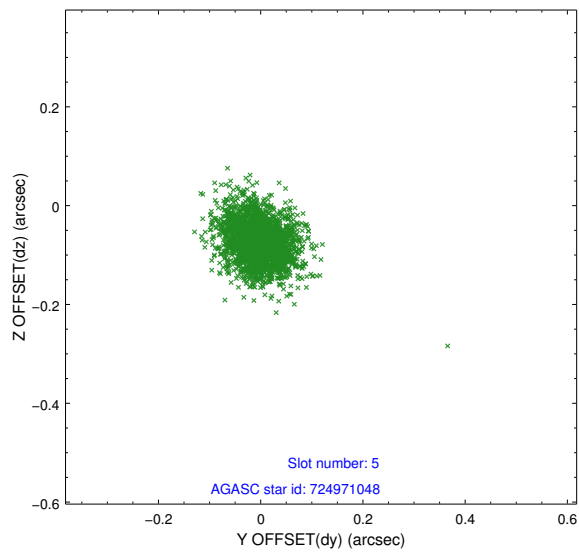
2.4.1 Slot 3



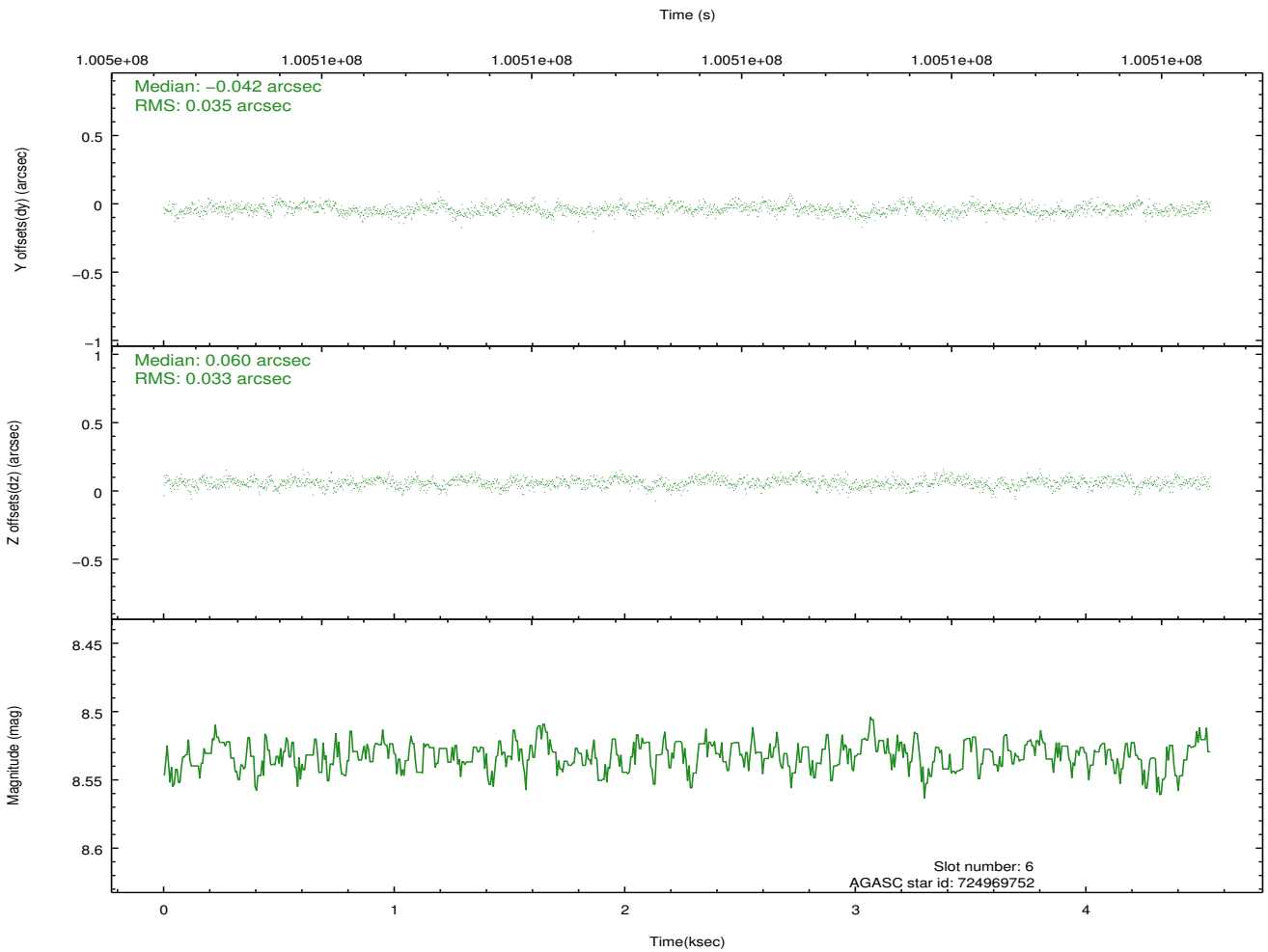
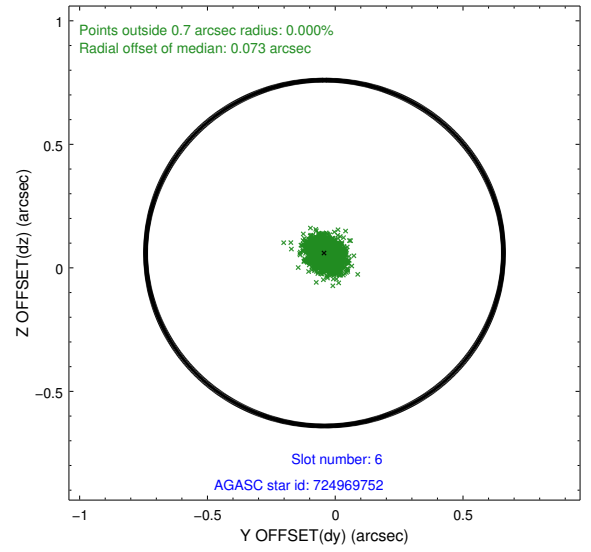
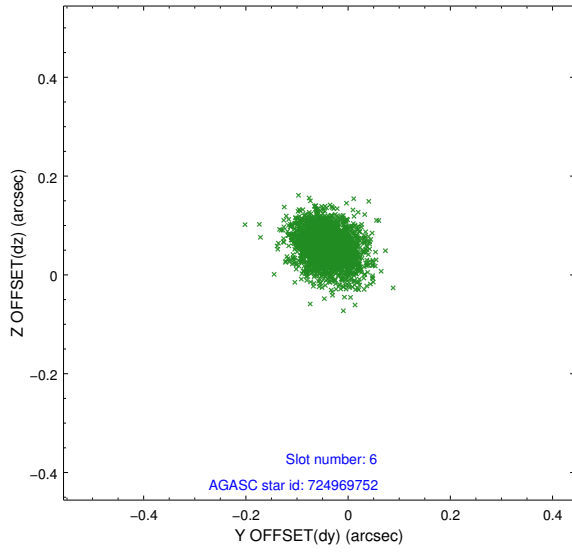
2.4.2 Slot 4



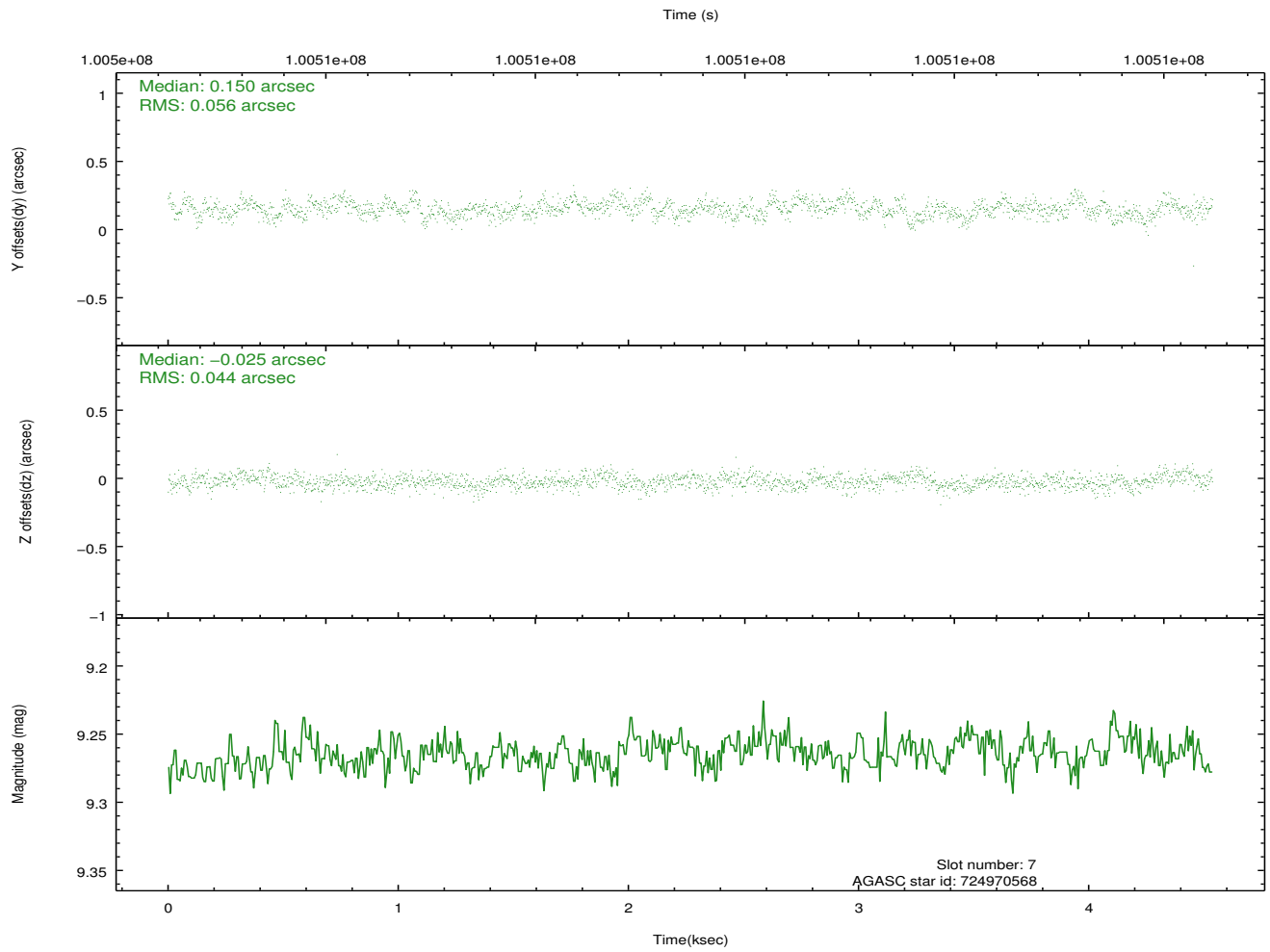
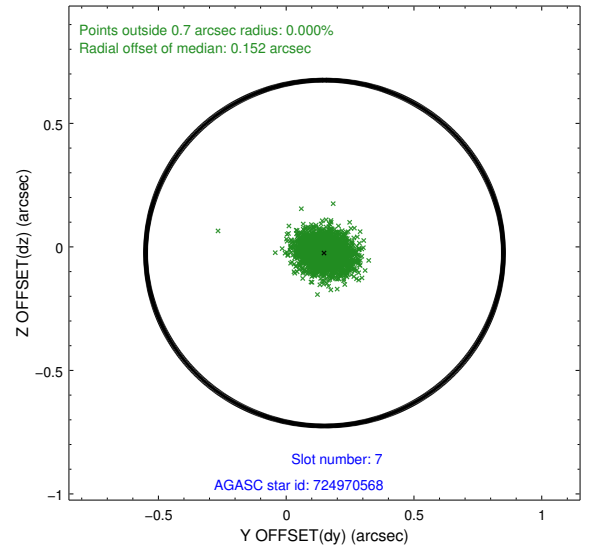
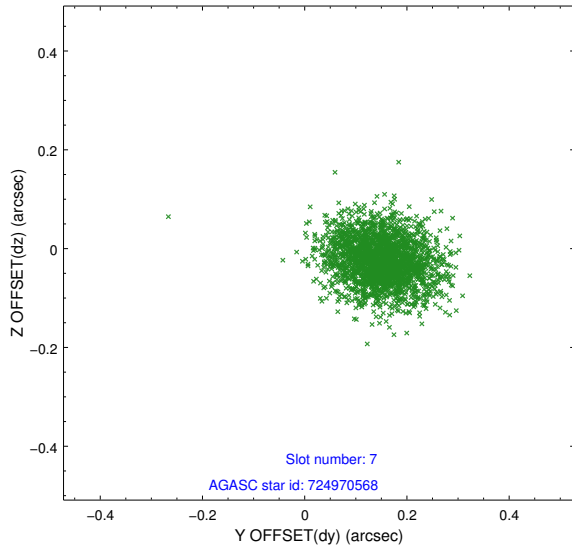
2.4.3 Slot 5



2.4.4 Slot 6

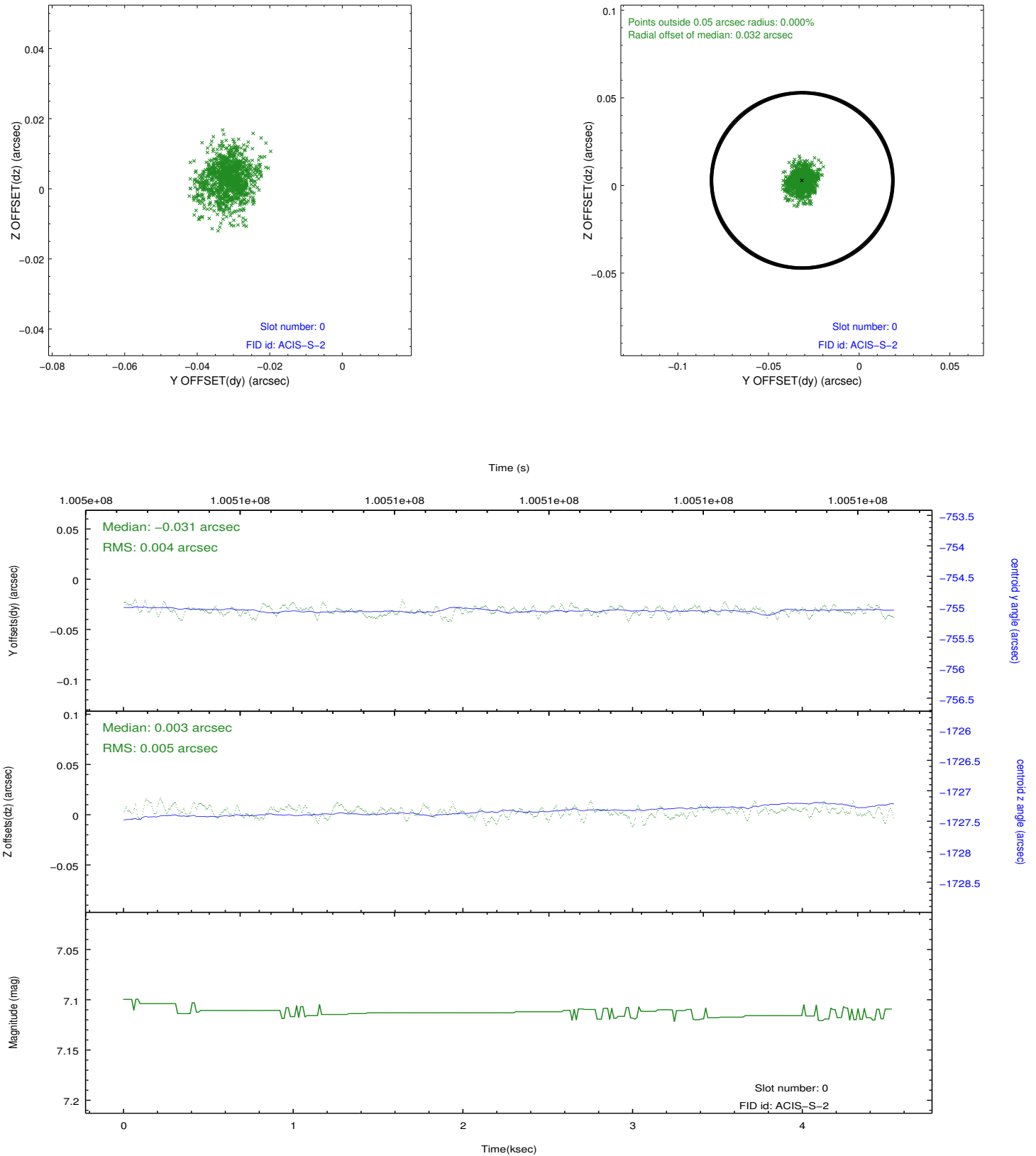


2.4.5 Slot 7

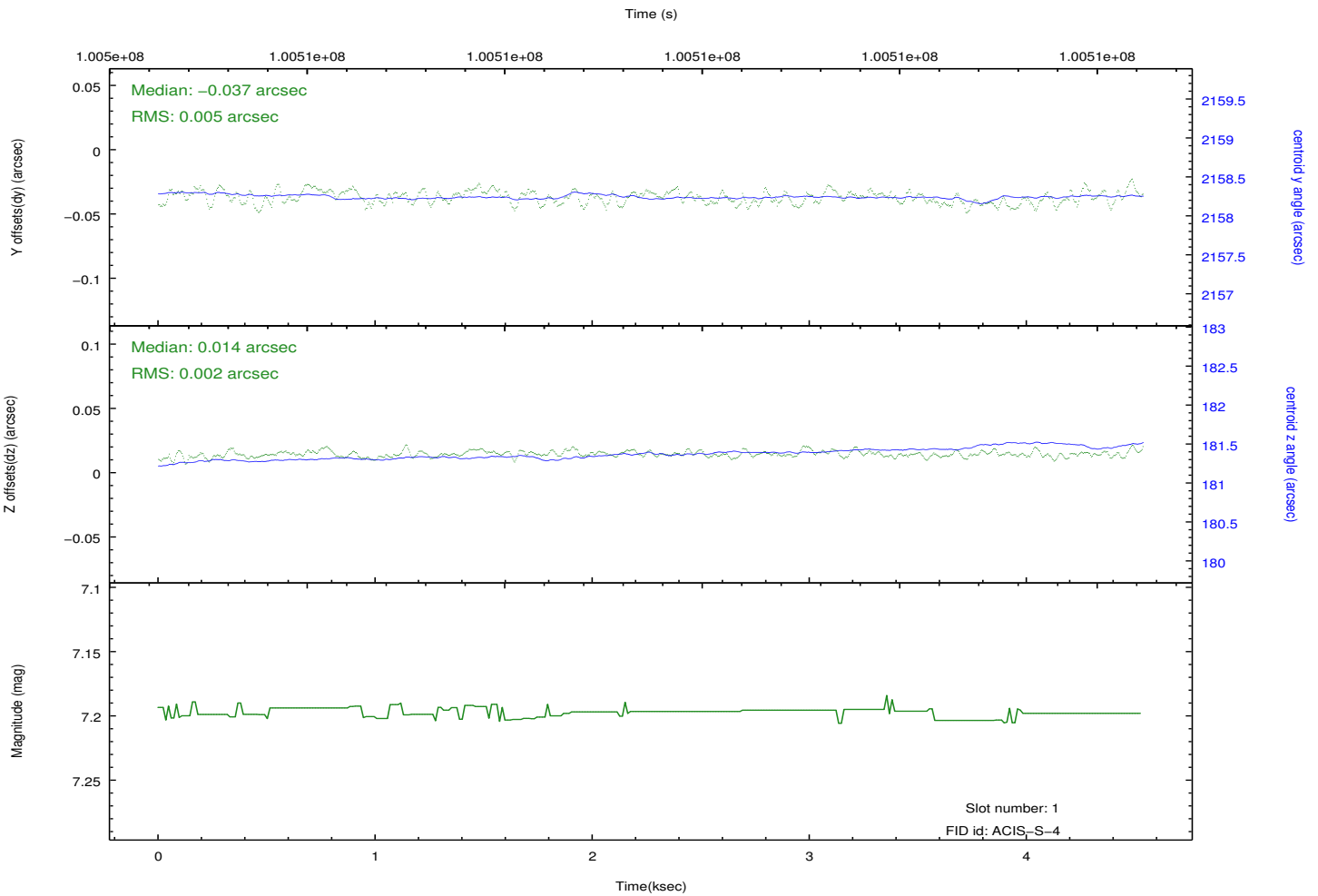
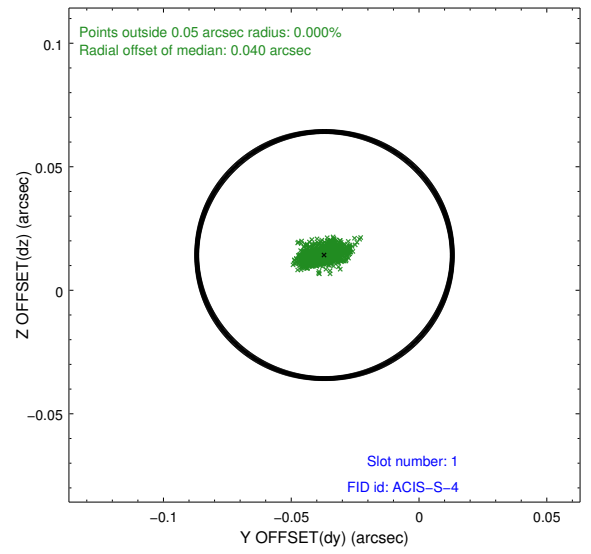
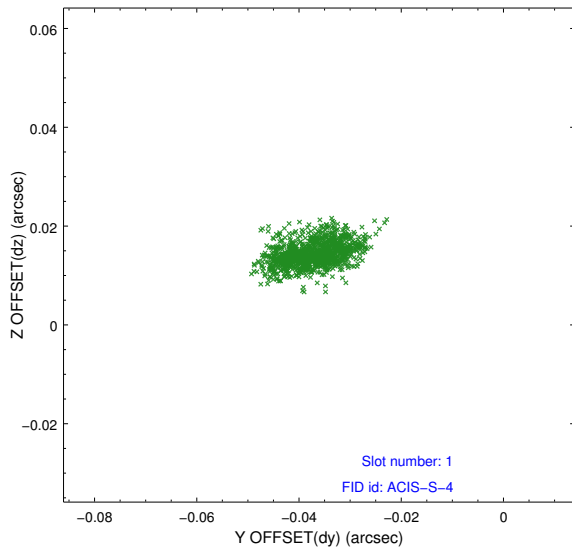


2.5 FID Slots

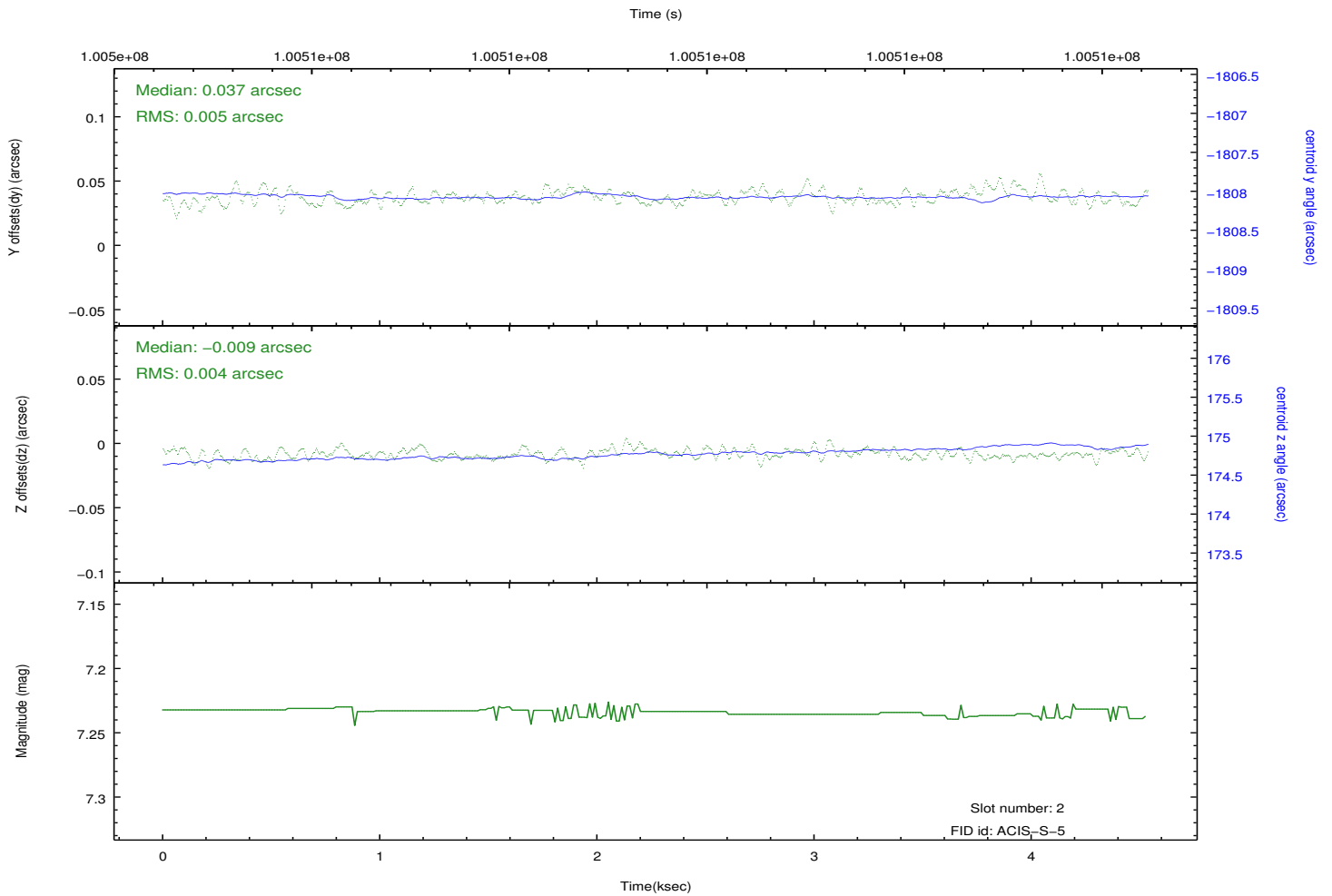
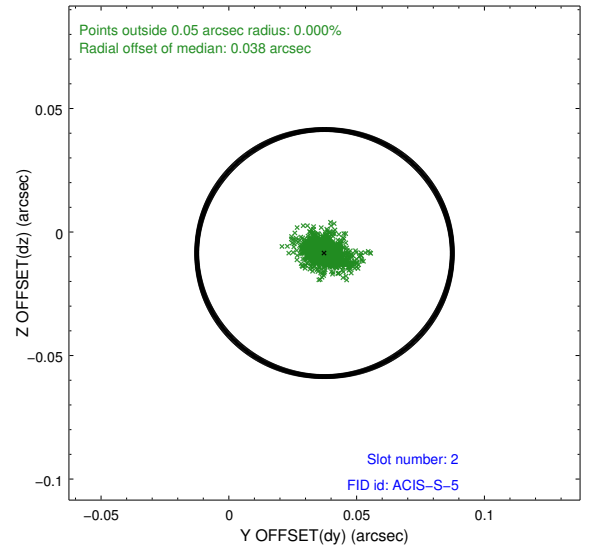
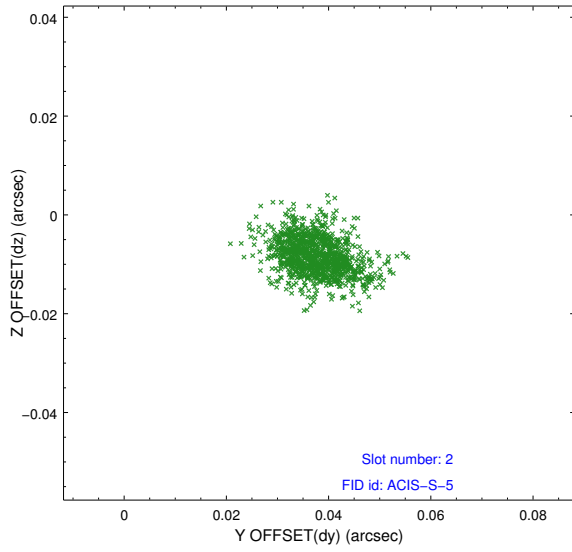
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.5

A.2 Comments

Charge time for this observation remains at previous value of 4.5 ksec.