

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 13884 - L2 Version 1
Chandra X-Ray Center

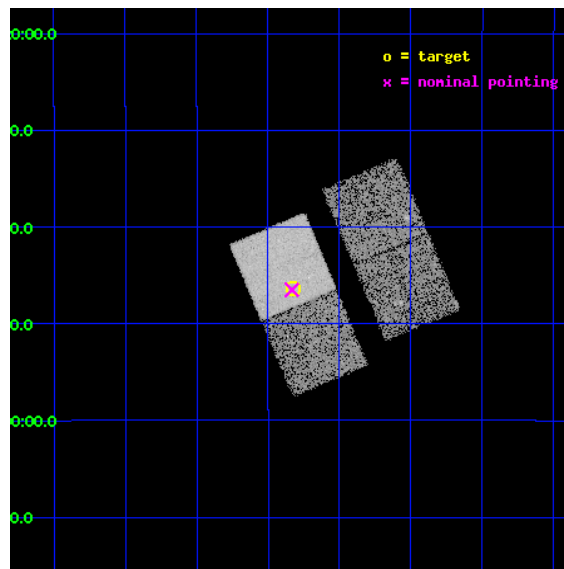
L2 Processing Date : Jul 12 2012

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1 Front

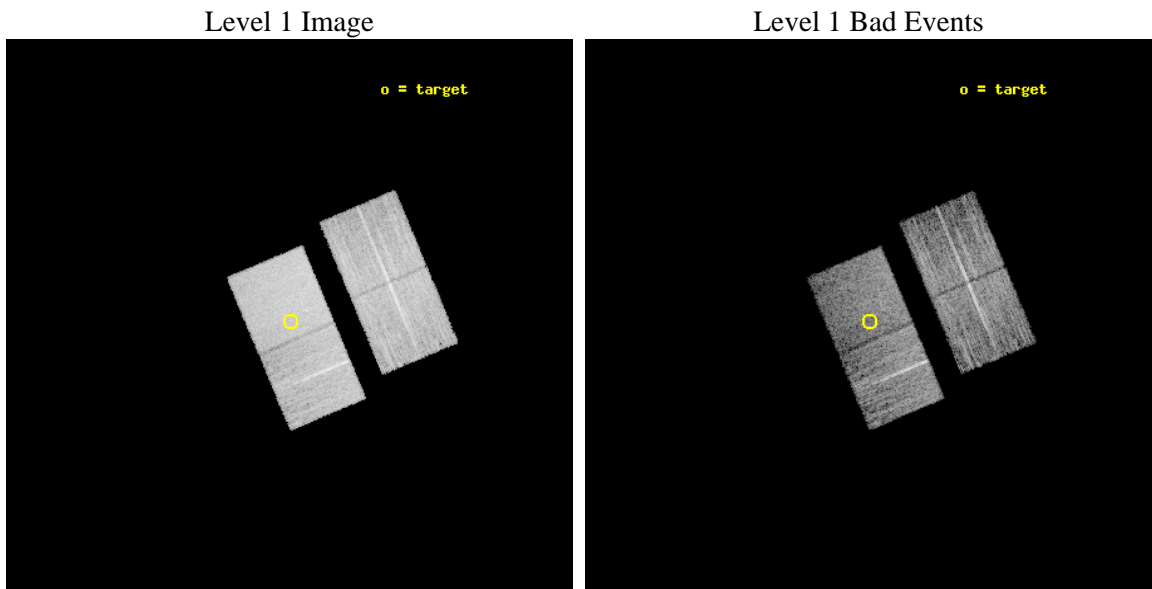
seq_num	702609	Sequence number
obs_id	13884	Observation id
title	Extending the Chandra 3C Snapshot Survey: Radio Galaxies with 0.3	Proposal title
observer	Dr. Francesco Massaro	Principal investigator
object	3c275	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	190.581667	Observer's specified target RA [deg]
dec_targ	-4.7725	Observer's specified target Dec [deg]
ra_nom	190.58336611894	Nominal RA [deg]
dec_nom	-4.7749838040372	Nominal Dec [deg]
roll_nom	247.15754404956	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12578.609928131	Sum of GTIs [s]
livetime	12414.261129182	Livetime [s]
ontime2	12575.345847726	Sum of GTIs [s]
ontime3	12578.527848125	Sum of GTIs [s]
ontime6	12578.568888128	Sum of GTIs [s]
ontime7	12578.609928131	Sum of GTIs [s]
l2events	60719	Number of level 2 events



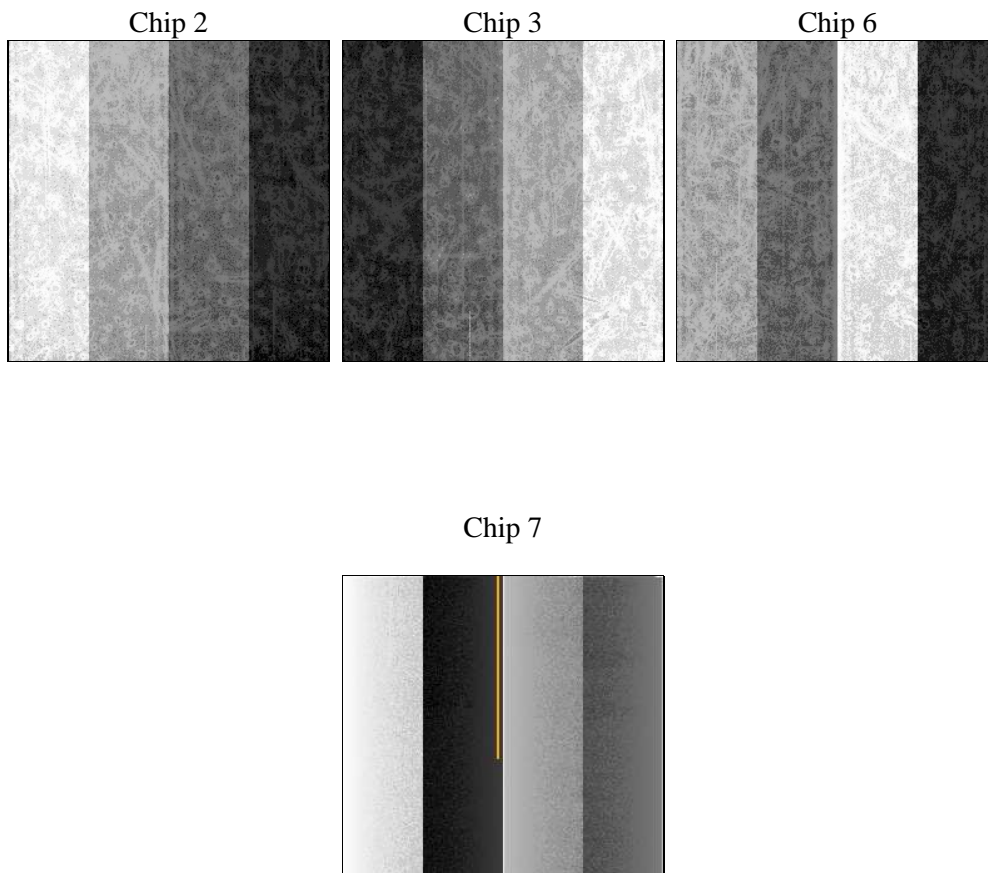
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12500.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12578.609928131	Sum of GTIs [s]
caldbver	4.5.0	 	ontime2	12575.345847726	Sum of GTIs [s]
date	2012-07-12T19:46:13	Date and time of file creation	ontime3	12578.527848125	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	12578.568888128	Sum of GTIs [s]
			ontime7	12578.609928131	Sum of GTIs [s]
			l1events	294923	Number of level 1 events

2.1.4 Events

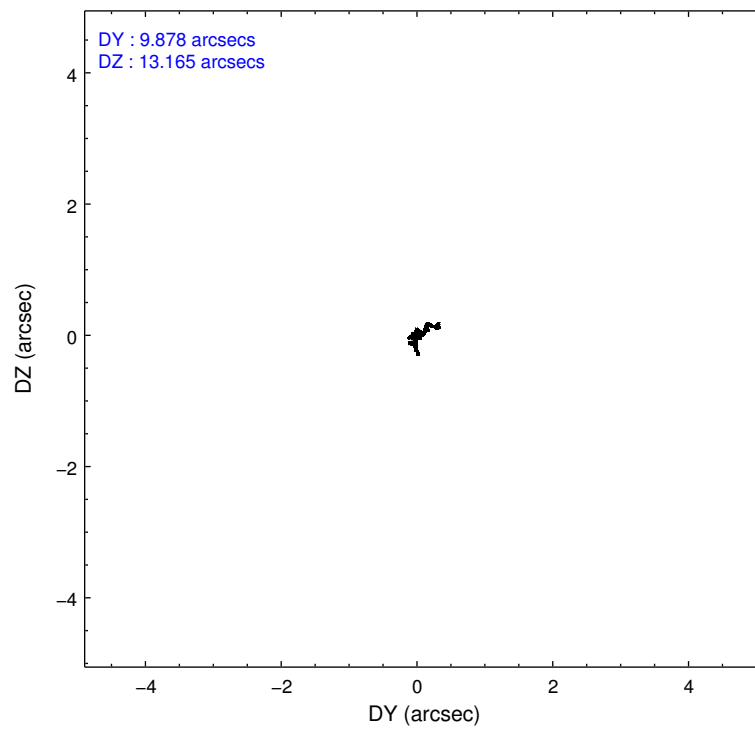
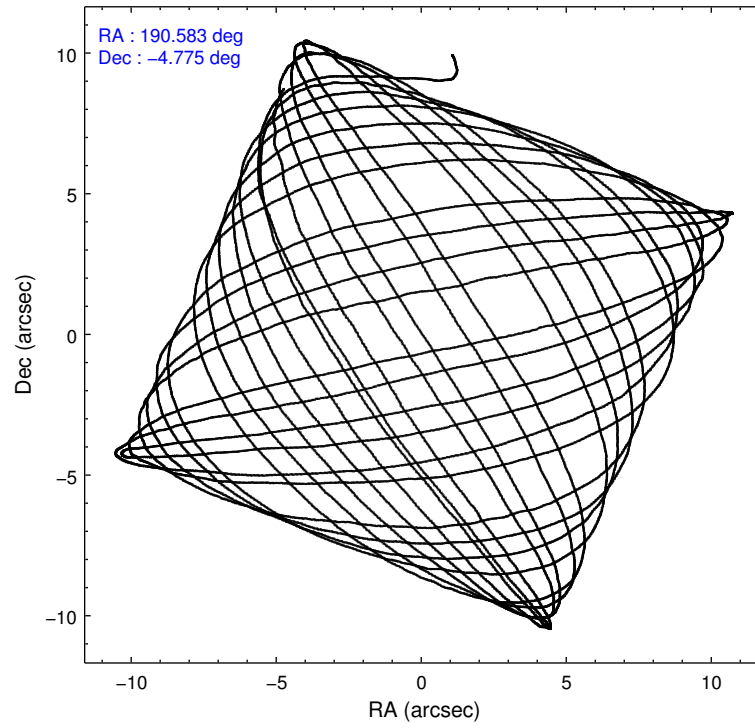
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	68275	65230	69960	91458
rejected events	60198	57644	61594	50530
rejected %	88%	88%	88%	55%

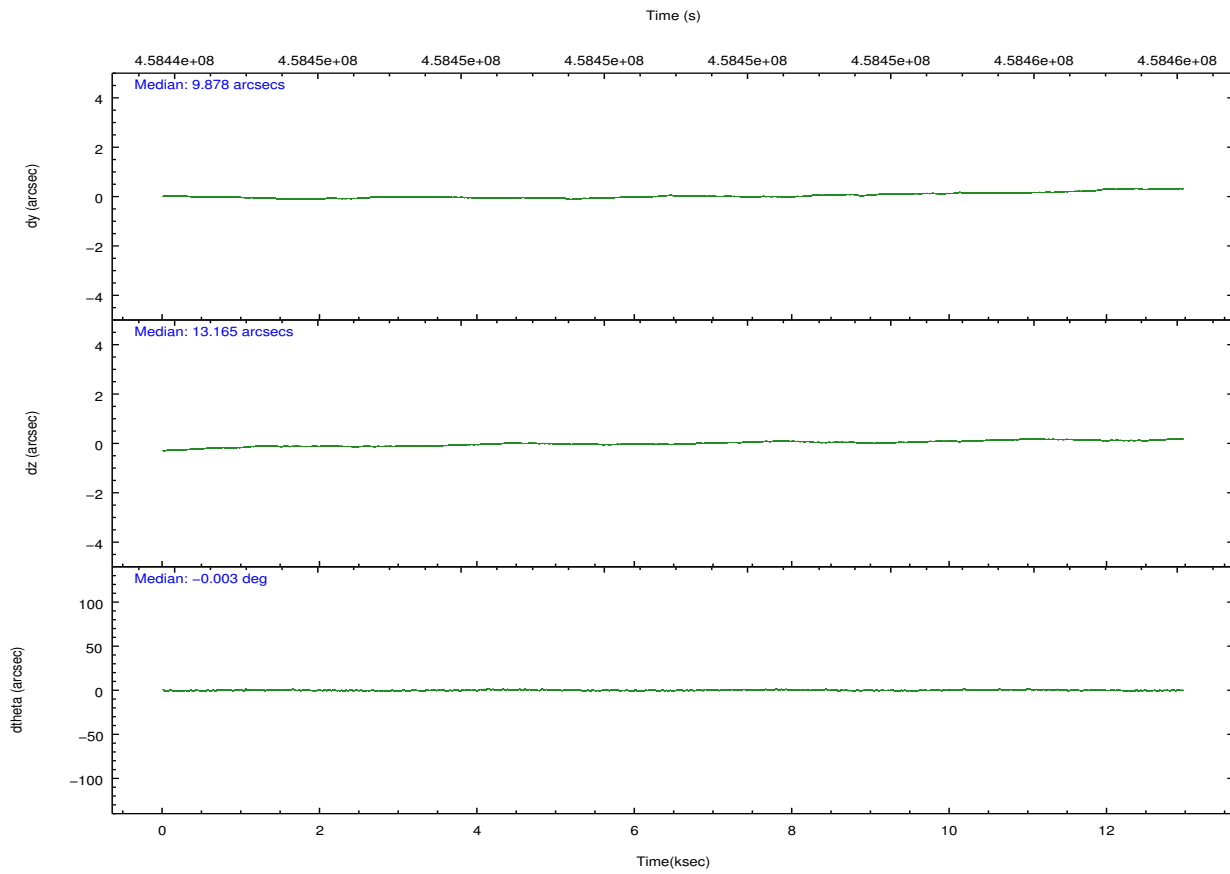
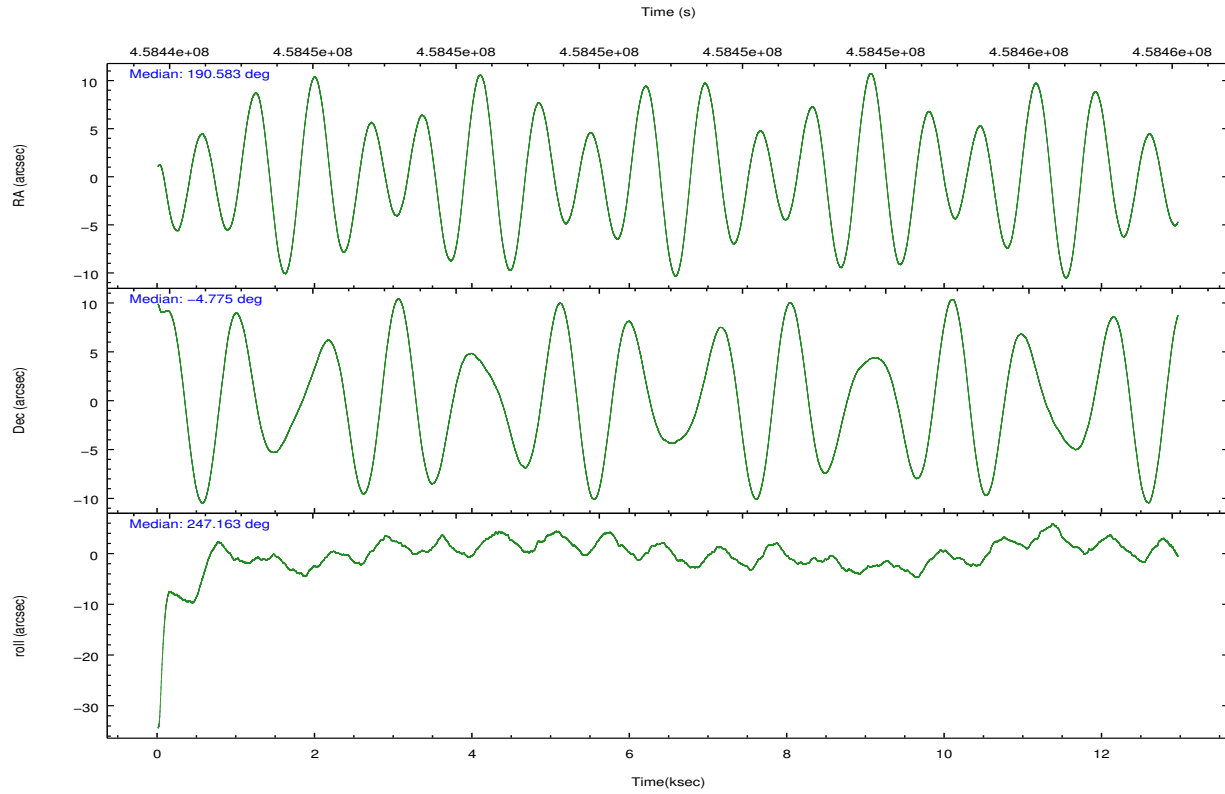
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3006	2607	2898	3844
	4%	3%	4%	4%
grade 1 events	31	34	34	105
	0%	0%	0%	0%
grade 2 events	1929	1751	1835	8437
	2%	2%	2%	9%
grade 3 events	826	802	813	3571
	1%	1%	1%	3%
grade 4 events	835	822	867	3540
	1%	1%	1%	3%
grade 5 events	2842	3397	3454	9708
	4%	5%	4%	10%
grade 6 events	1486	1607	1955	21551
	2%	2%	2%	23%
grade 7 events	57320	54210	58104	40702
	83%	83%	83%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	190.579602	190.5833661189429	CCD I2 on	O1	Y
[deg] Pointing Dec	-4.747908	-4.774983804037192	CCD I3 on	O2	Y
[deg] Pointing Roll	247.000628	247.1575440495612	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	N	N
[s] Observation start time (MET)	458444952.184000	458443932.78985	CCD S5 on	N	N
Observation start date	2012-07-12T01:48:05	2012-07-12T01:32:12	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	458457452.184000	458458300.21561	On-chip summing requested	N	N
Observation end date	2012-07-12T05:16:25	2012-07-12T05:31:40	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



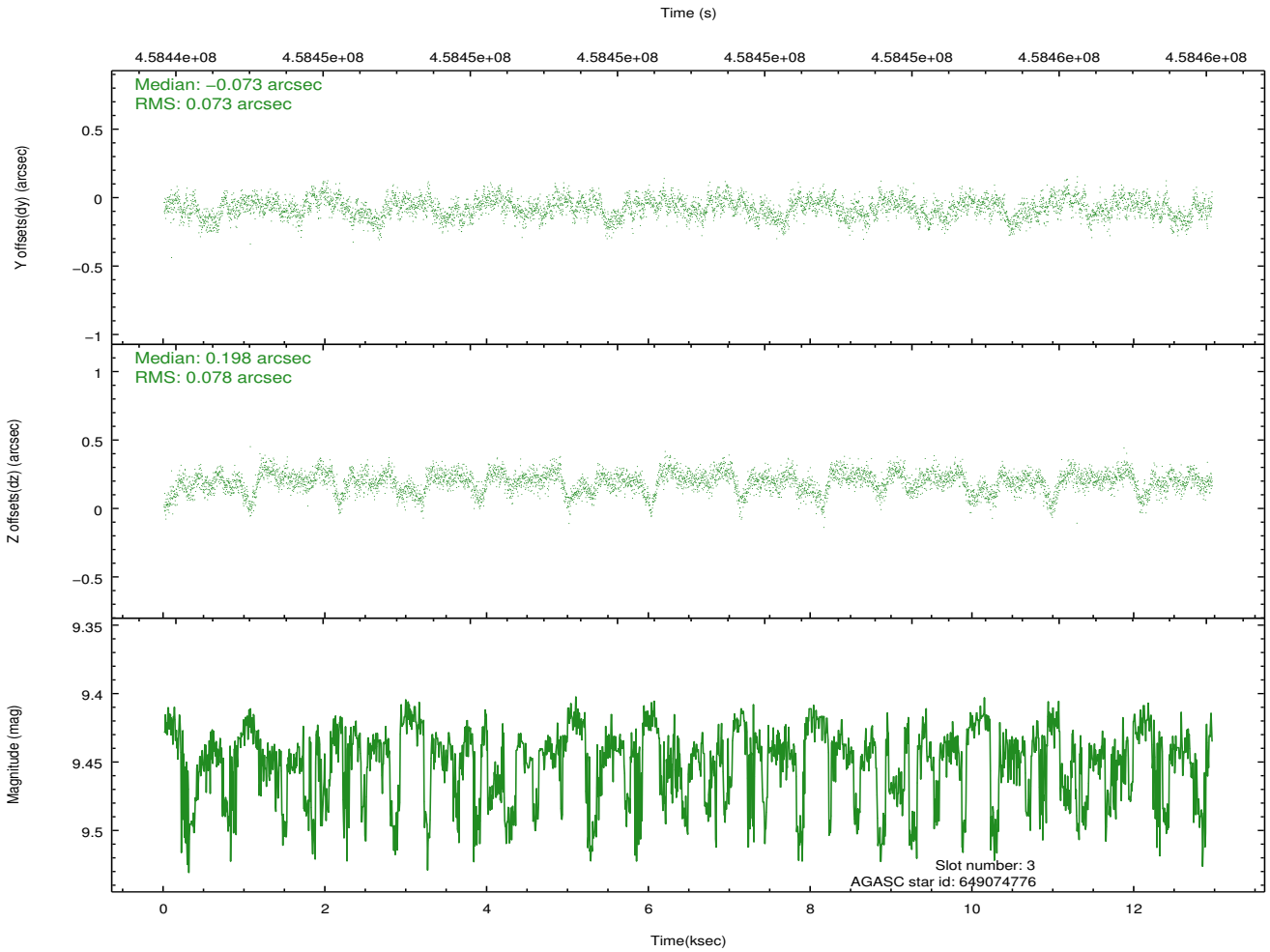
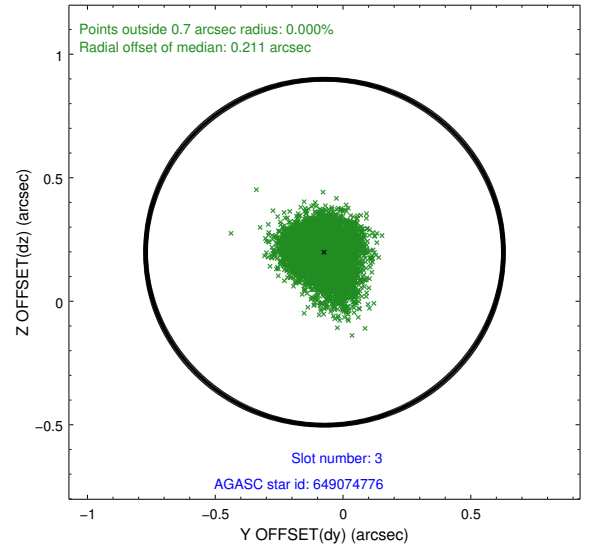
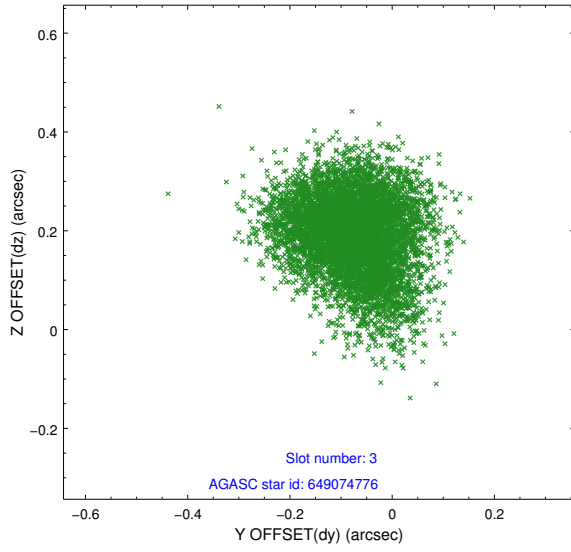


Slot Statistics

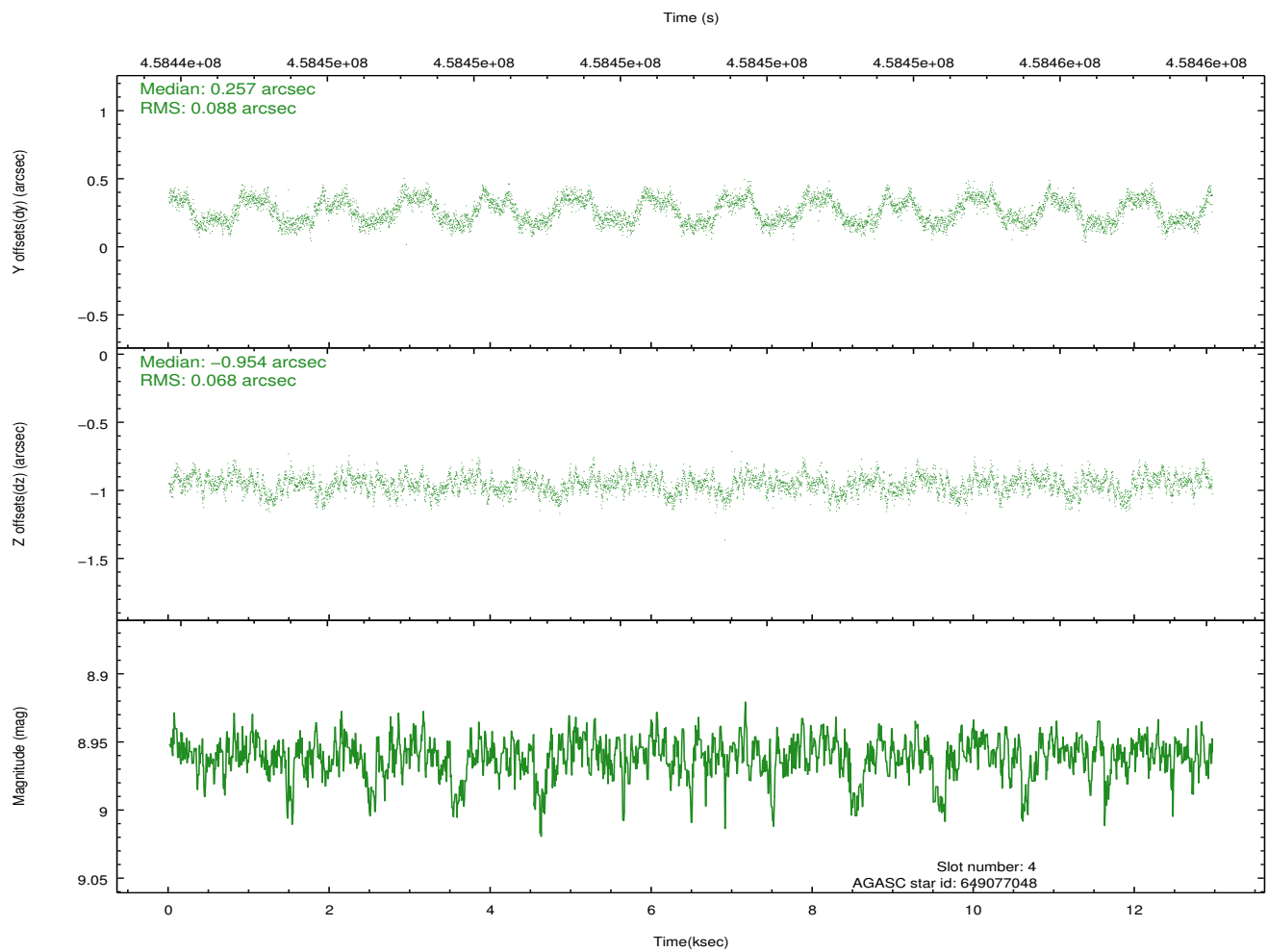
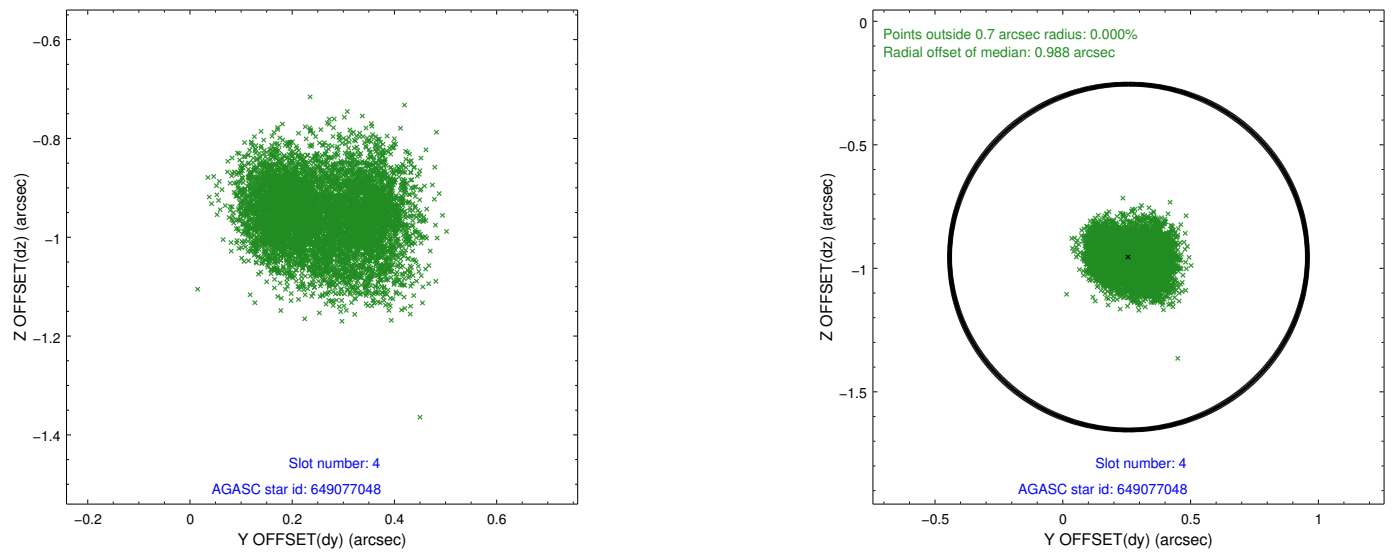
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.92	3161	-0.047	-0.040	0.006	0.010	0.000000	0.000000	-762.83	-1734.52
1	FID	ACIS-S-4	7.01	3161	0.188	0.034	0.005	0.010	0.000000	0.000000	2150.55	173.60
2	FID	ACIS-S-5	7.03	3161	-0.173	0.016	0.006	0.010	0.000000	0.000000	-1815.28	167.75
3	GUIDE	649074776	9.44	6300	-0.073	0.198	0.114	0.182	190.958409	-4.410675	-1648.35	777.45
4	GUIDE	649077048	8.96	6319	0.257	-0.954	0.121	0.179	191.040717	-4.976476	111.82	1843.06
5	GUIDE	649469888	9.30	6317	0.019	0.095	0.099	0.158	190.893847	-5.272763	1299.46	1775.48
6	GUIDE	649471568	7.91	6320	0.056	0.419	0.070	0.112	190.649414	-5.468233	2290.53	1243.56
7	GUIDE	649076784	9.67	6280	-0.266	0.253	0.131	0.224	191.303708	-4.344020	-2352.38	1825.66

2.4 Star Slots

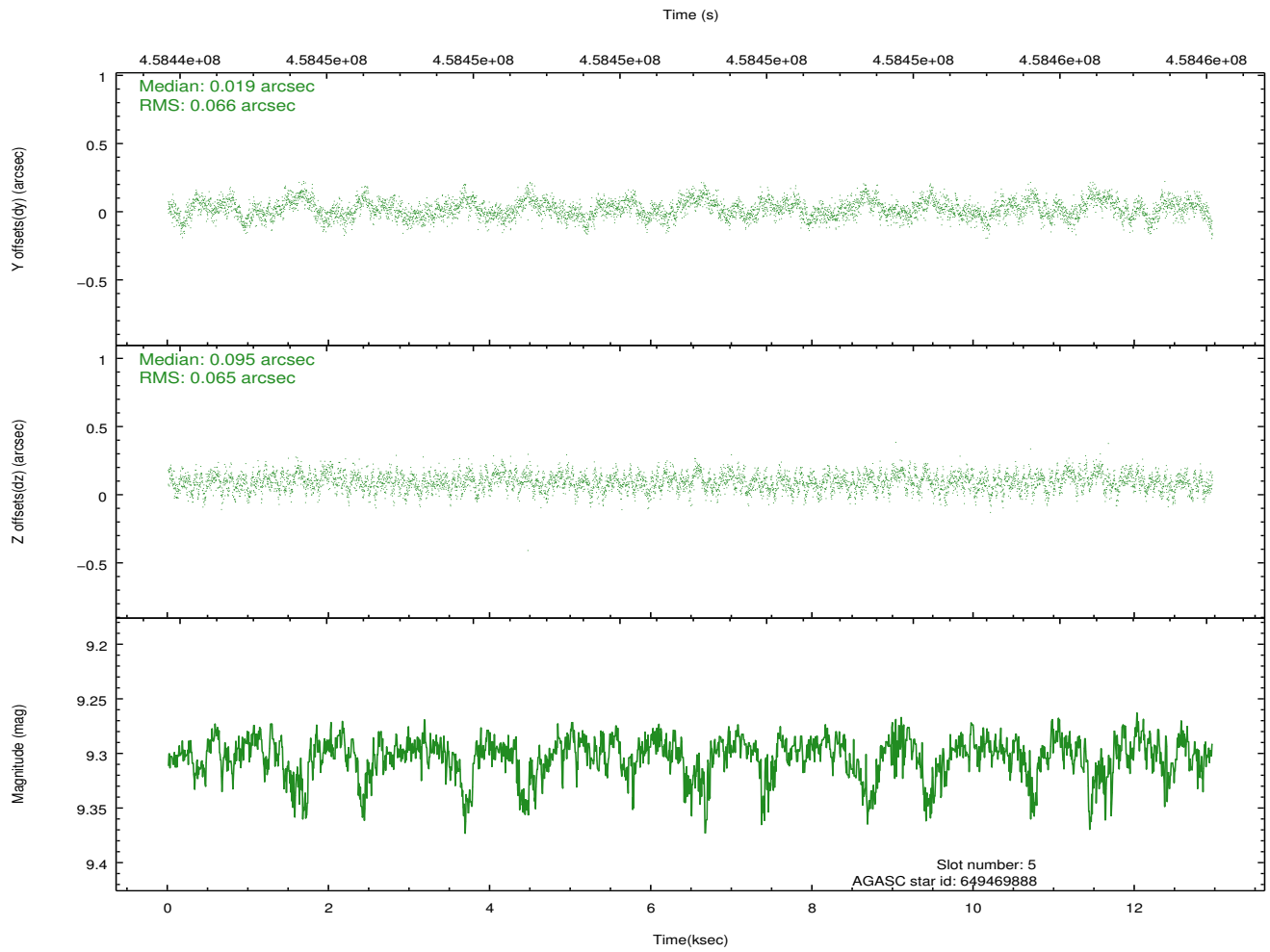
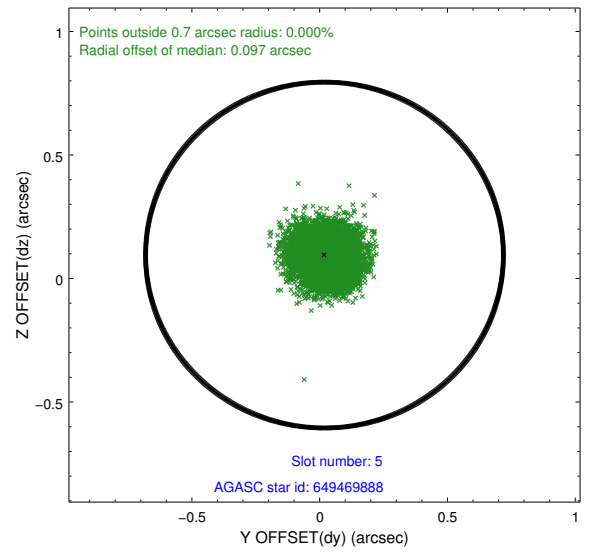
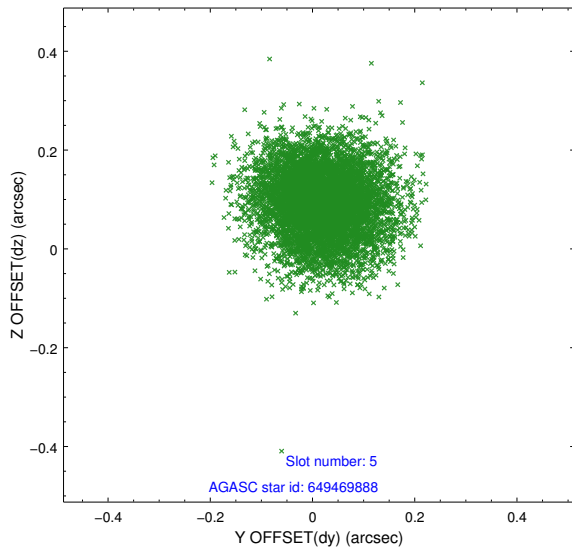
2.4.1 Slot 3



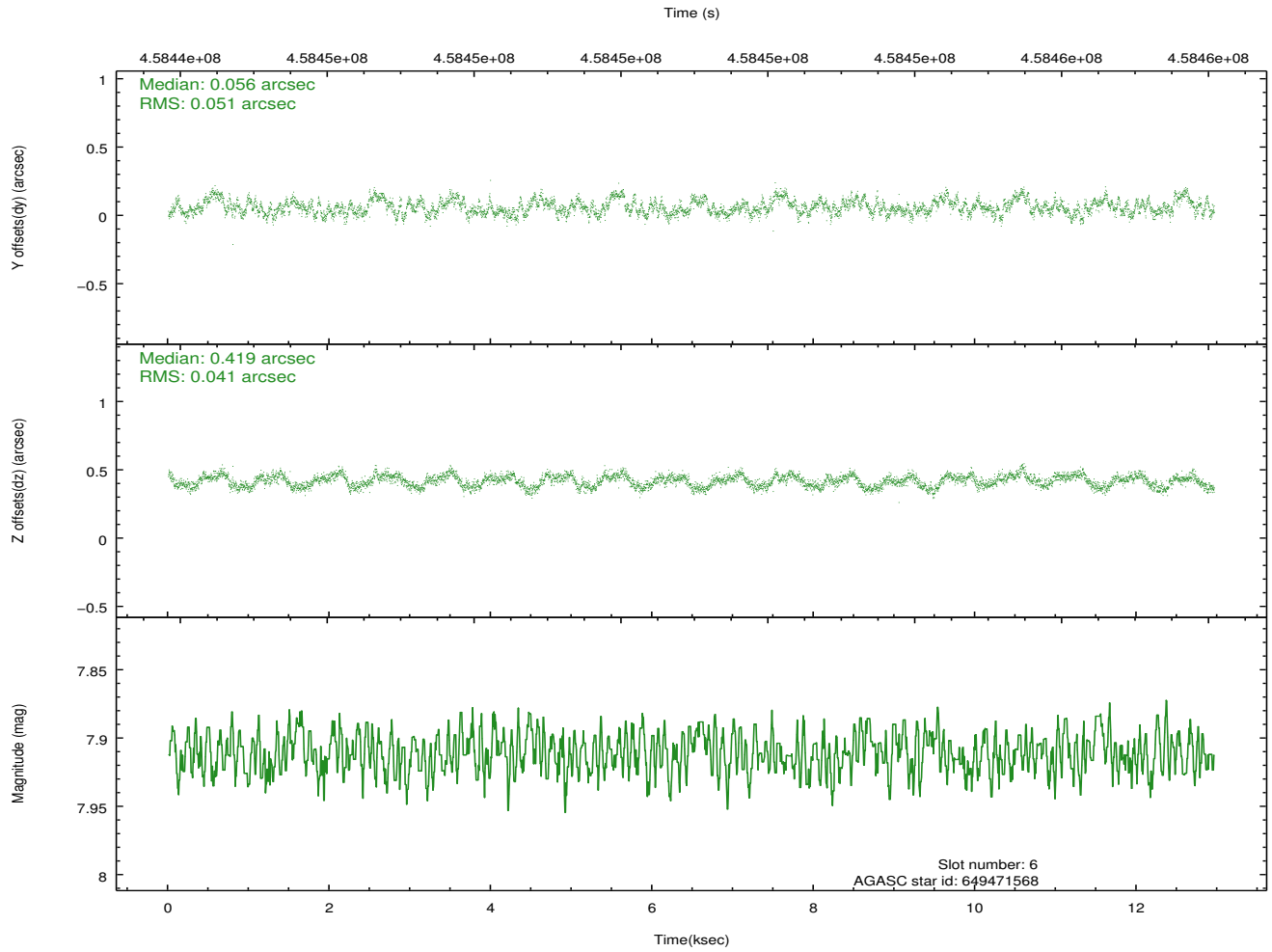
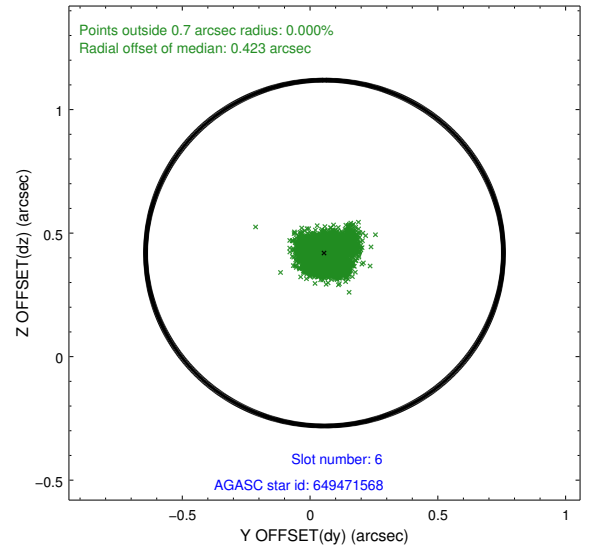
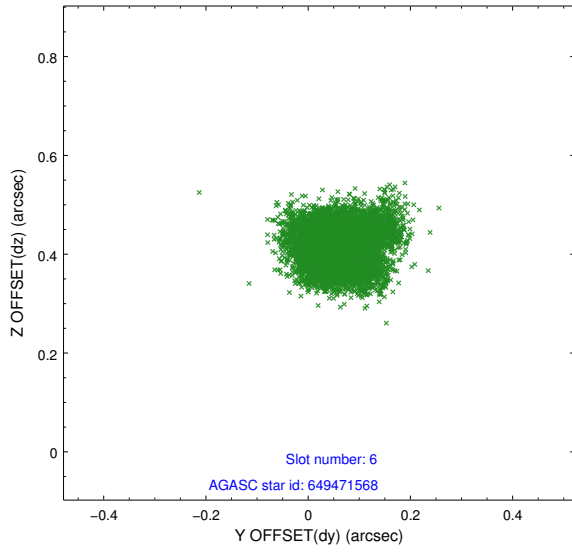
2.4.2 Slot 4



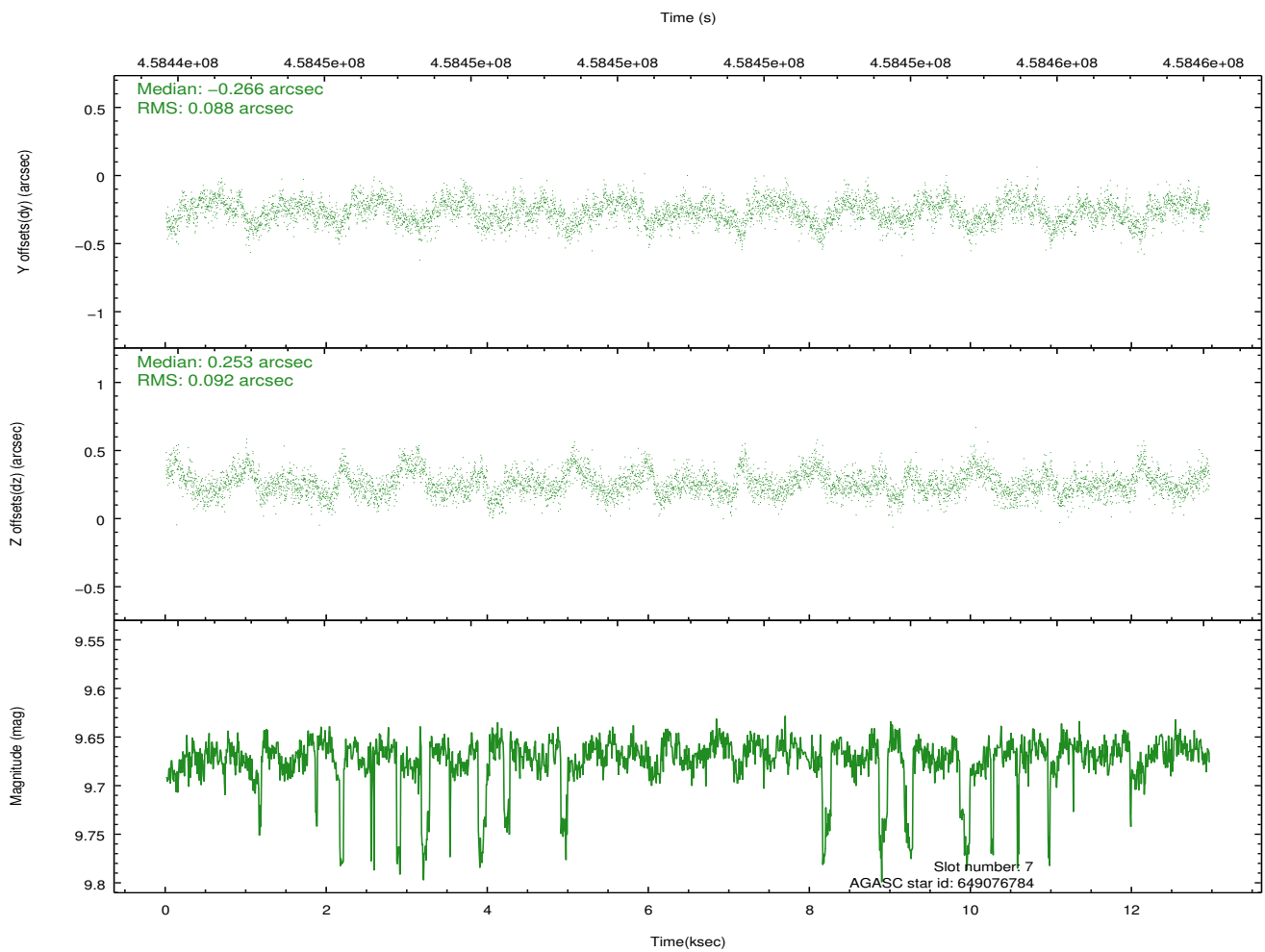
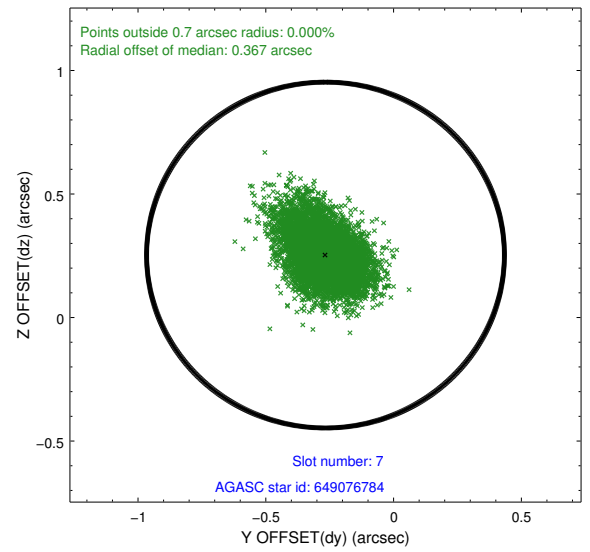
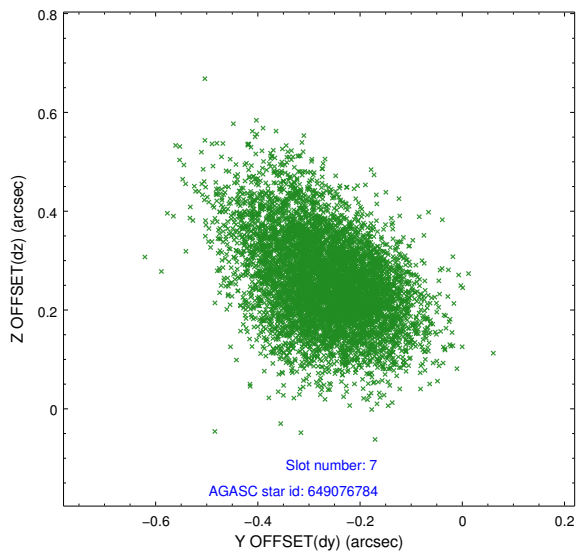
2.4.3 Slot 5



2.4.4 Slot 6

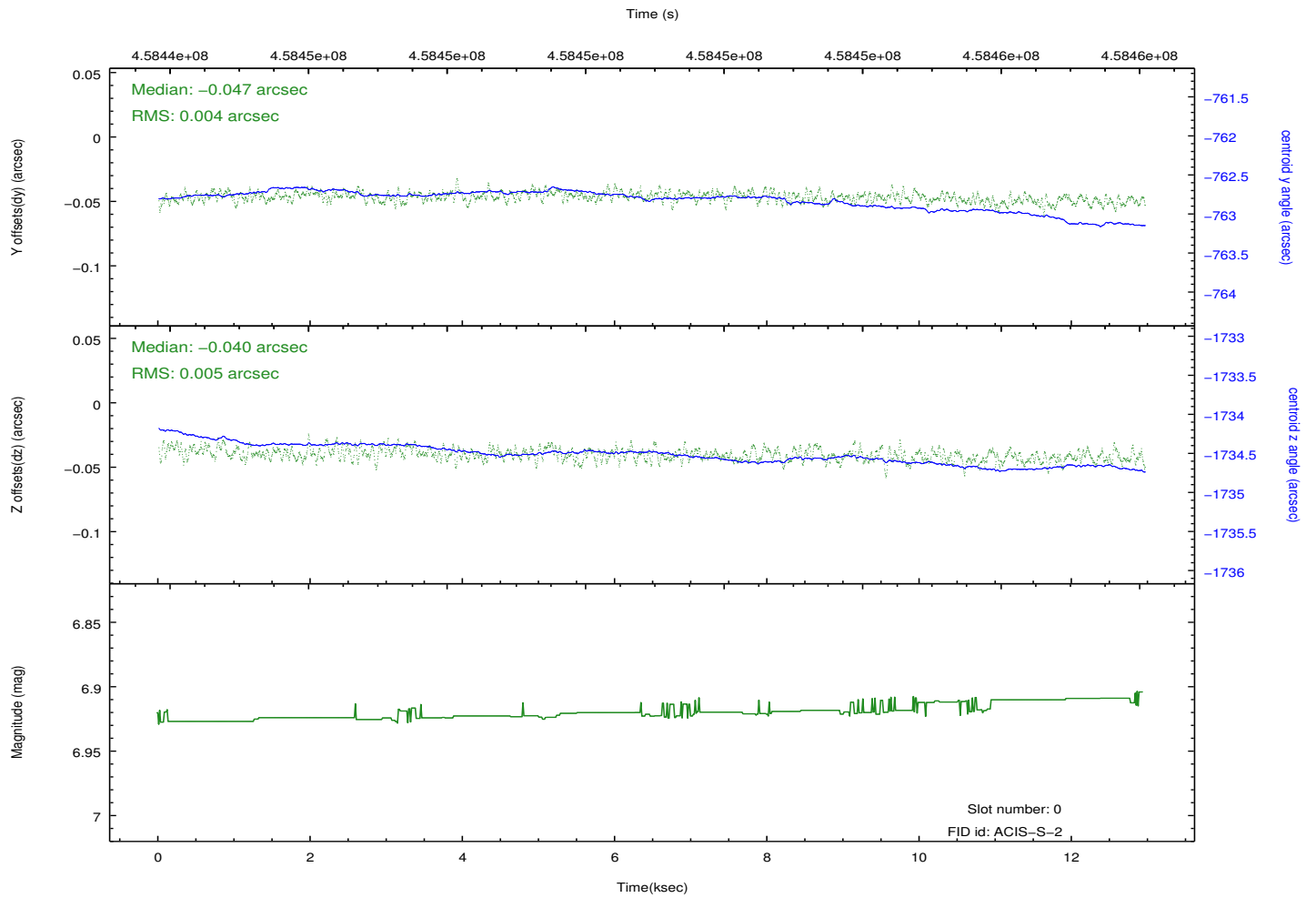
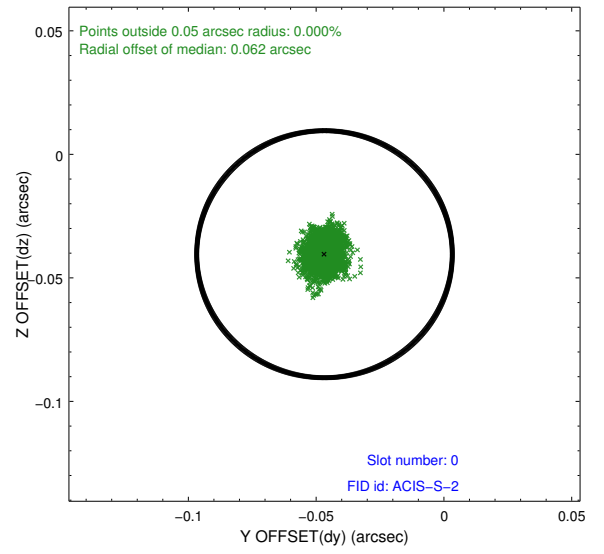
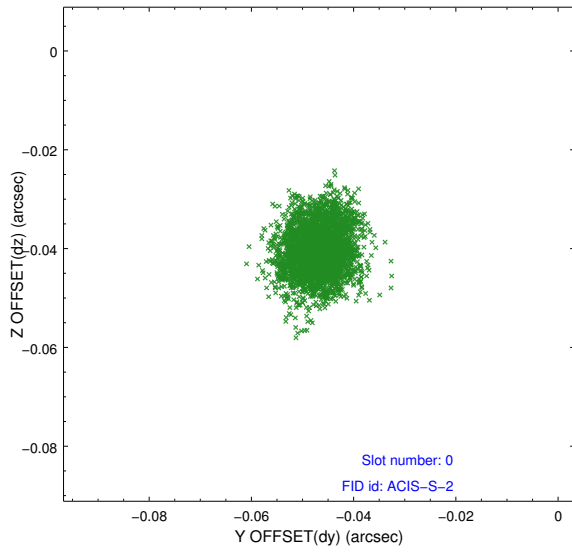


2.4.5 Slot 7

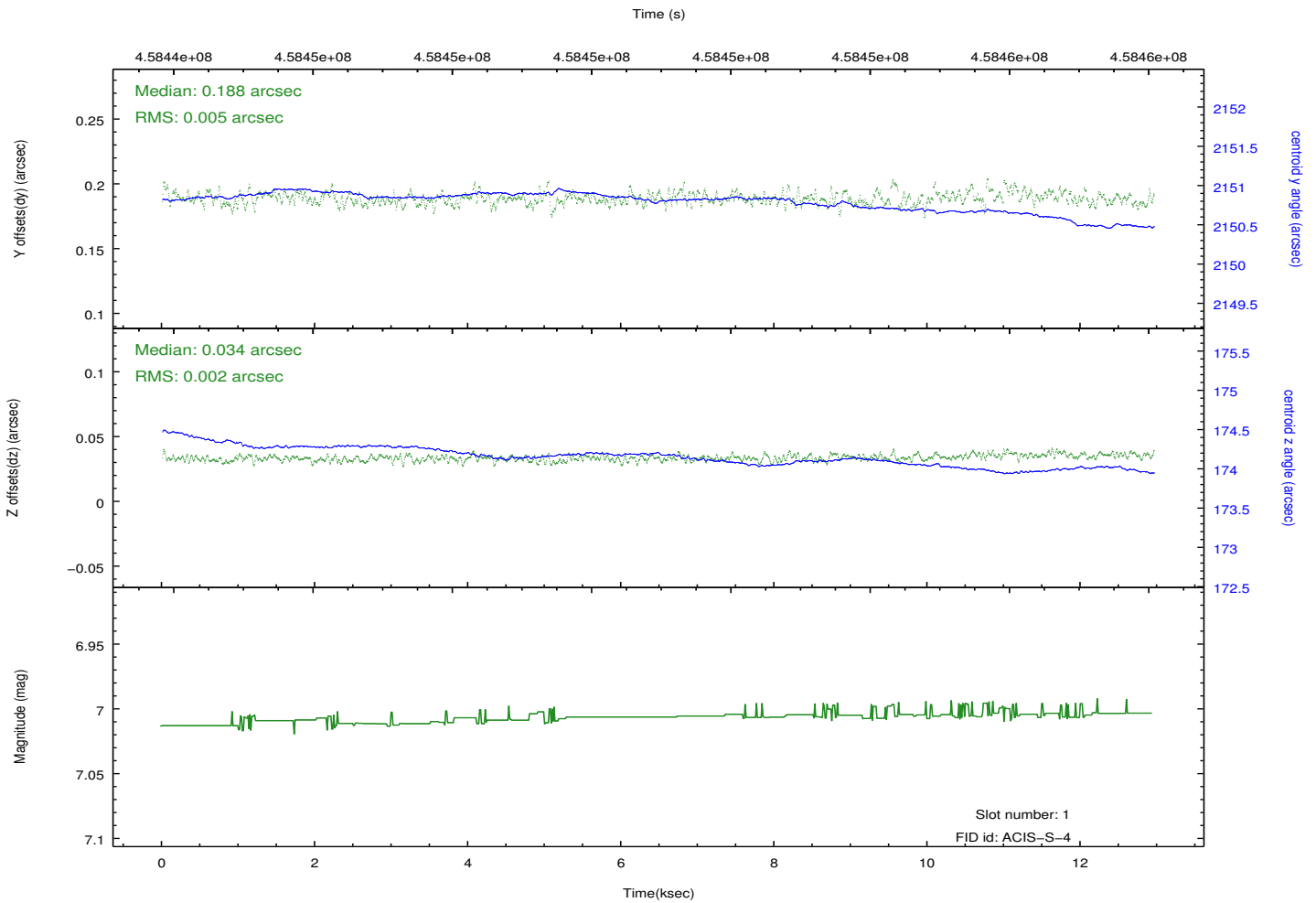
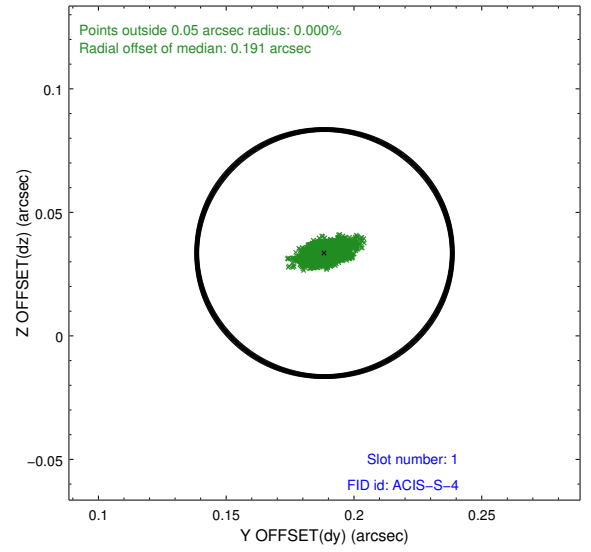
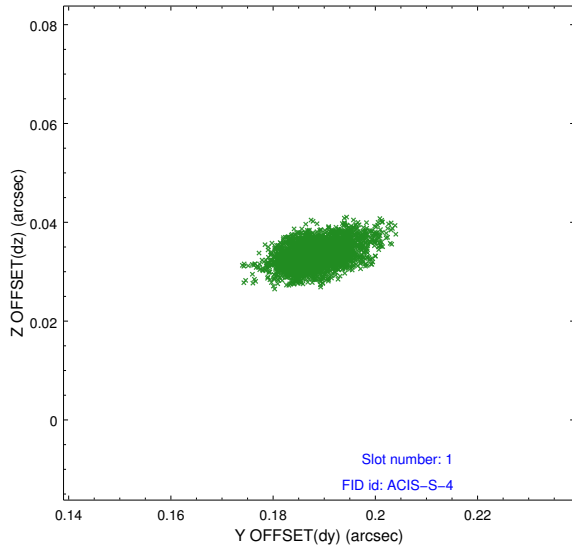


2.5 FID Slots

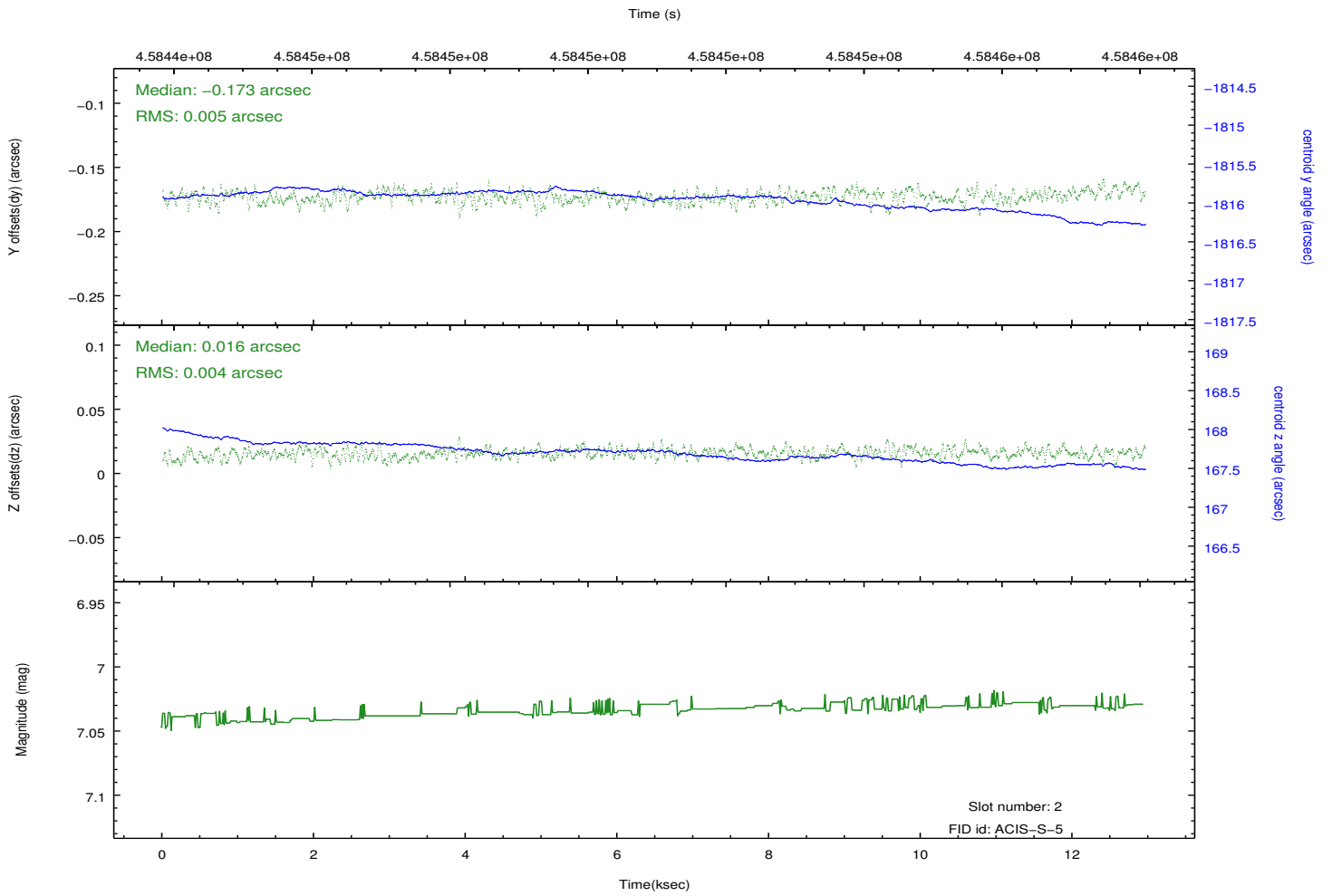
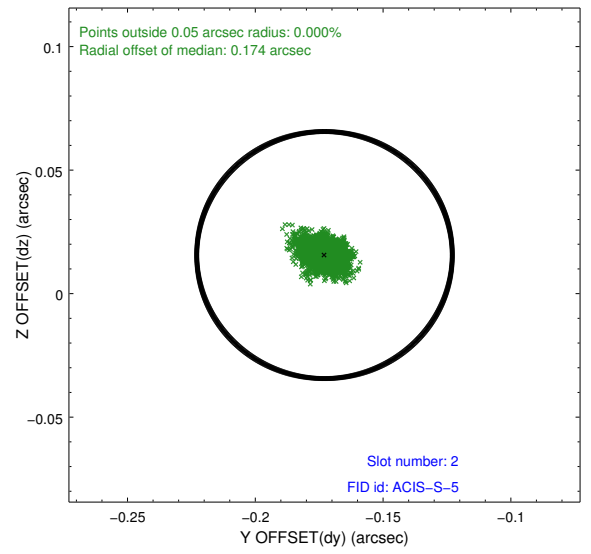
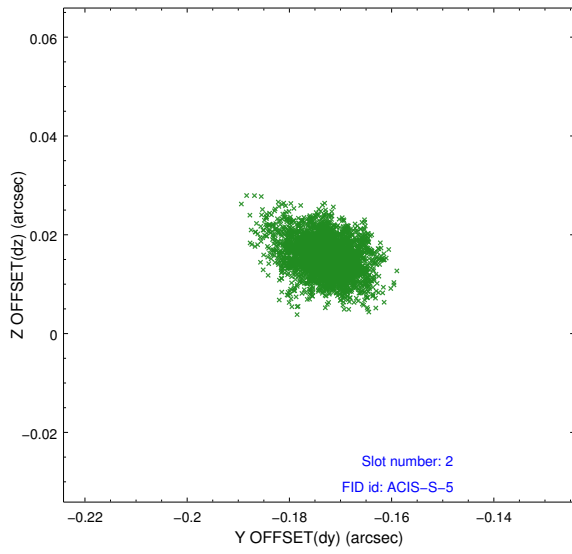
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.578609928131

A.2 Comments