

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2210 - L2 Version 001
Chandra X-Ray Center

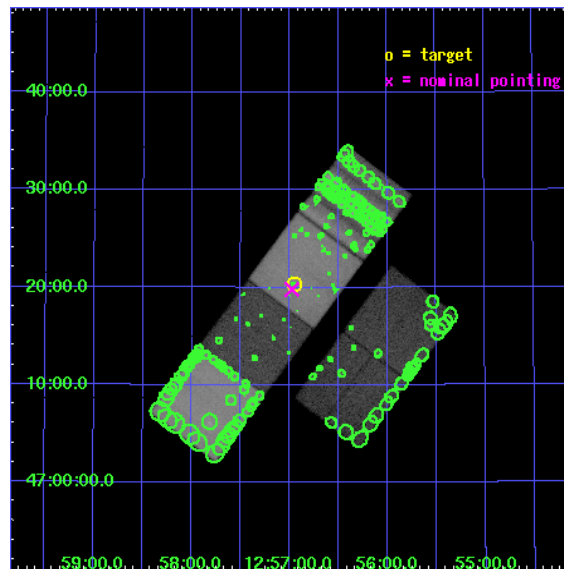
L2 Processing Date : Dec 21 2006

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1 Front

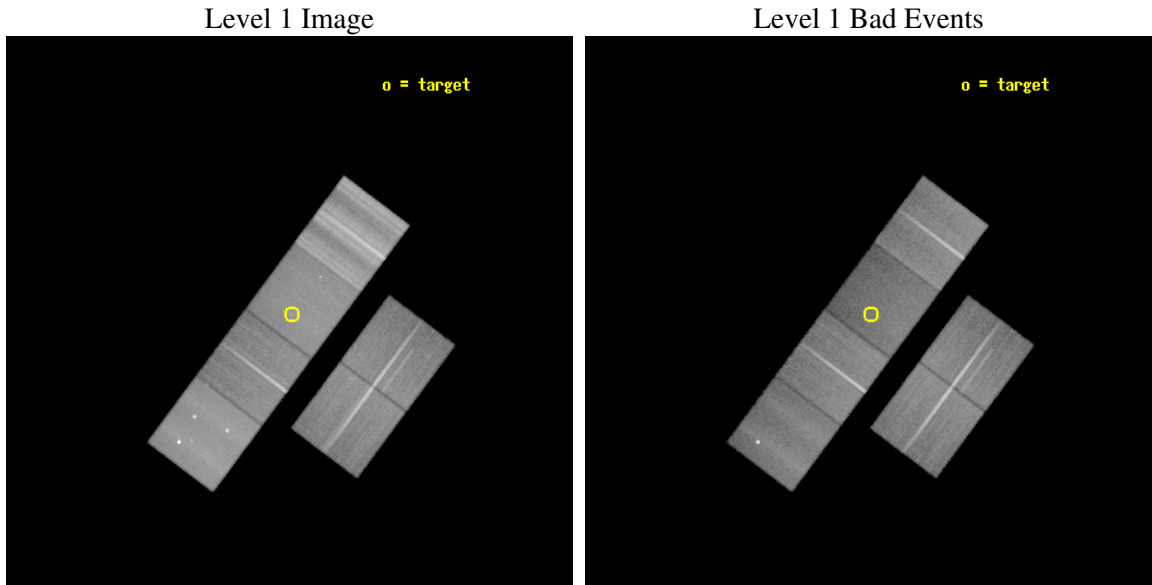
seq_num	800149
obs_id	2210
title	HIGH-REDSHIFT CLUSTERS AND CLASSICAL DOUBLES WITH CIGAR-SHAPED RADIO BRIDGES
observer	Dr. Megan Donahue
object	3C280
dtcycle	0
cycle	P
ra_targ	194.237917
dec_targ	47.338889
ra_nom	194.24434483743
dec_nom	47.330153546101
roll_nom	306.76794349127
revision	2
ontime	64339.200059921
livetime	63524.498368347
ontime2	64335.959079757
ontime3	64332.718139425
ontime5	64339.200059921
ontime6	64339.200059921
ontime7	64339.200059921
ontime8	64335.959079728
l2events	813270



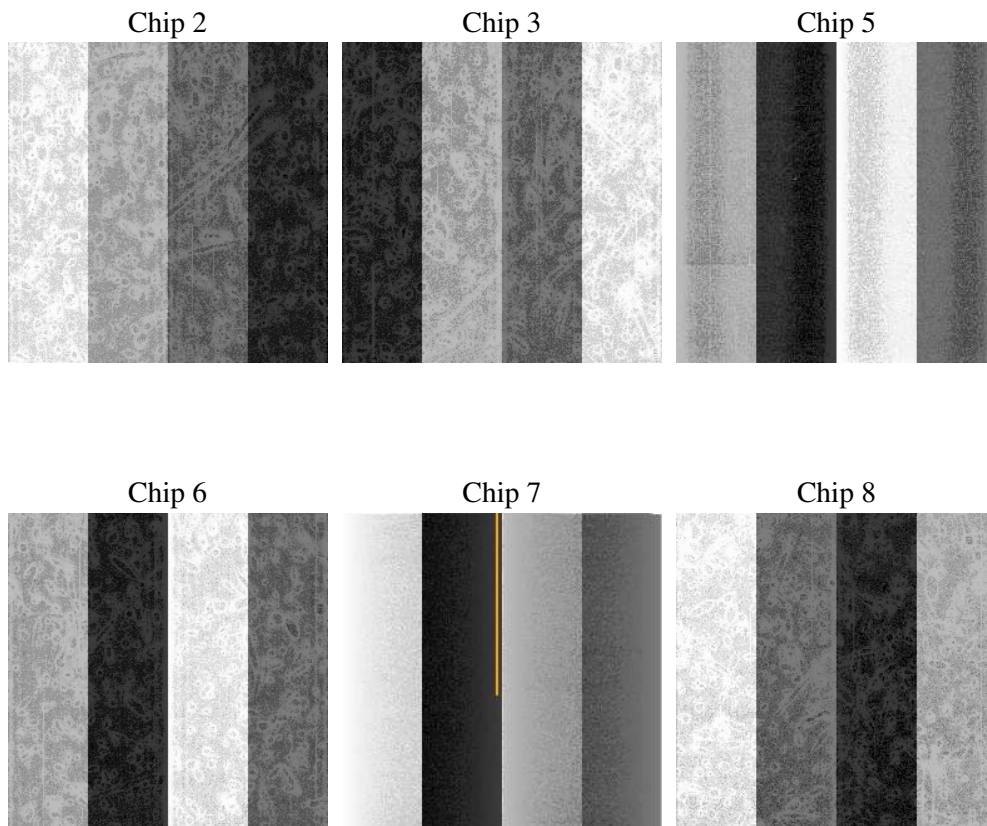
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-22T00:06:49
revision	2

sched_exp_time	64391.501000
ontime	64343.50492157
ontime2	64340.263941407
ontime3	64340.263981223
ontime5	64343.50492157
ontime6	64343.50492157
ontime7	64343.50492157
ontime8	64343.504951462
l1events	2923533

2.1.4 Events

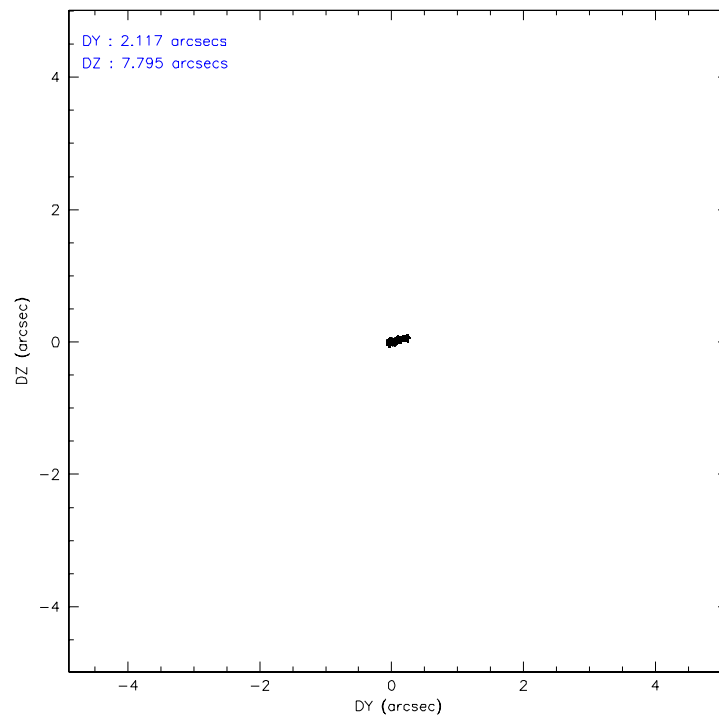
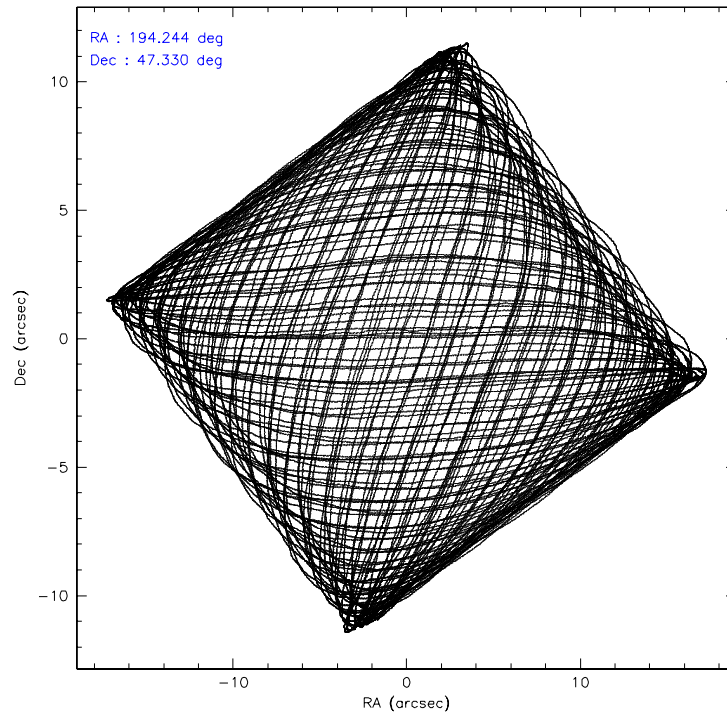
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	406011	373250	564415	396236	458512	725109
rejected events	353213	329096	264762	336295	214239	364346
rejected %	86%	88%	46%	84%	46%	50%

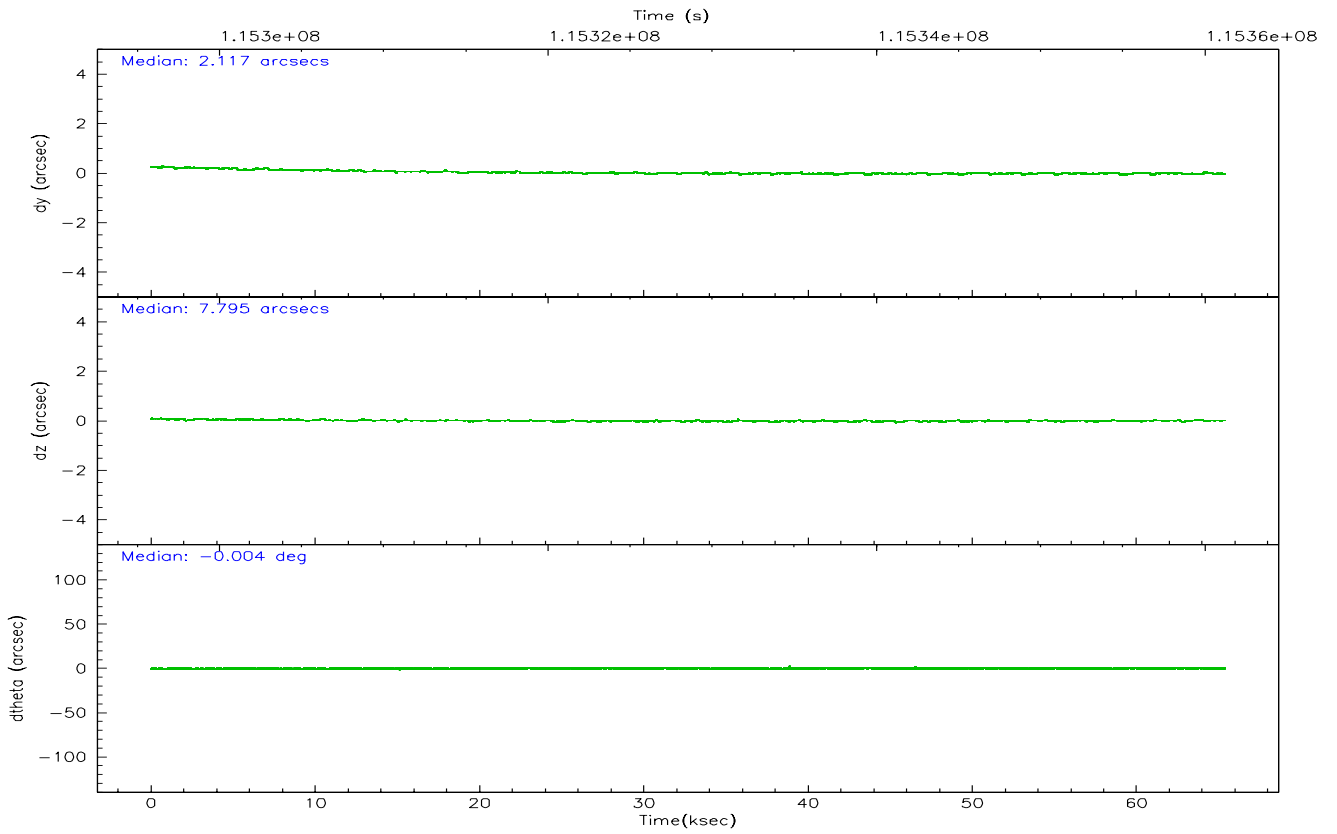
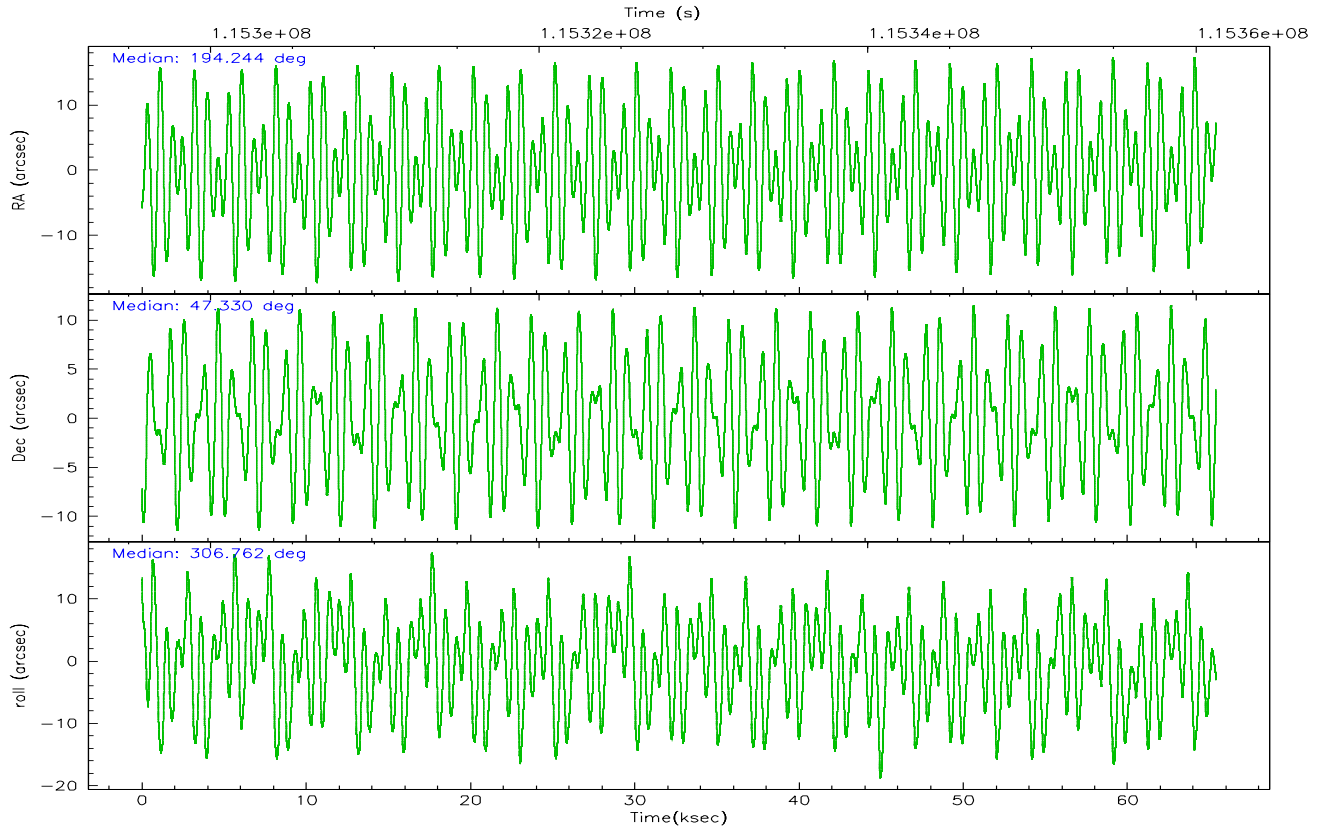
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	27779	22134	27766	33763	19692	158171
	6%	5%	4%	8%	4%	21%
grade 1 events	224	199	272	233	207	1215
	0%	0%	0%	0%	0%	0%
grade 2 events	9835	7842	97829	10011	57527	37324
	2%	2%	17%	2%	12%	5%
grade 3 events	3861	3940	12580	4363	15667	64548
	0%	1%	2%	1%	3%	8%
grade 4 events	4750	4021	11994	4356	15372	58078
	1%	1%	2%	1%	3%	8%
grade 5 events	10204	11506	28617	12339	29078	18504
	2%	3%	5%	3%	6%	2%
grade 6 events	6579	6225	149513	7455	136029	42804
	1%	1%	26%	1%	29%	5%
grade 7 events	342779	317383	235844	323716	184940	344465
	84%	85%	41%	81%	40%	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	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
Pointing RA	194.207186	194.2443448374339	Subarray requested	NONE	NONE
Pointing Dec	47.340646	47.33015354610104	Alternating exposures requested	N	N
Pointing Roll	306.638644	306.7679434912703	Primary exposure time	0.000000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	115296849.184000	115295475.75158			
Observation start date	2001-08-27T10:53:05	2001-08-27T10:31:15			
Observation end time	115361240.184000	115361554.94169			
Observation end date	2001-08-28T04:46:16	2001-08-28T04:52:34			
Read mode	TIMED	TIMED			

2.3 Aspect



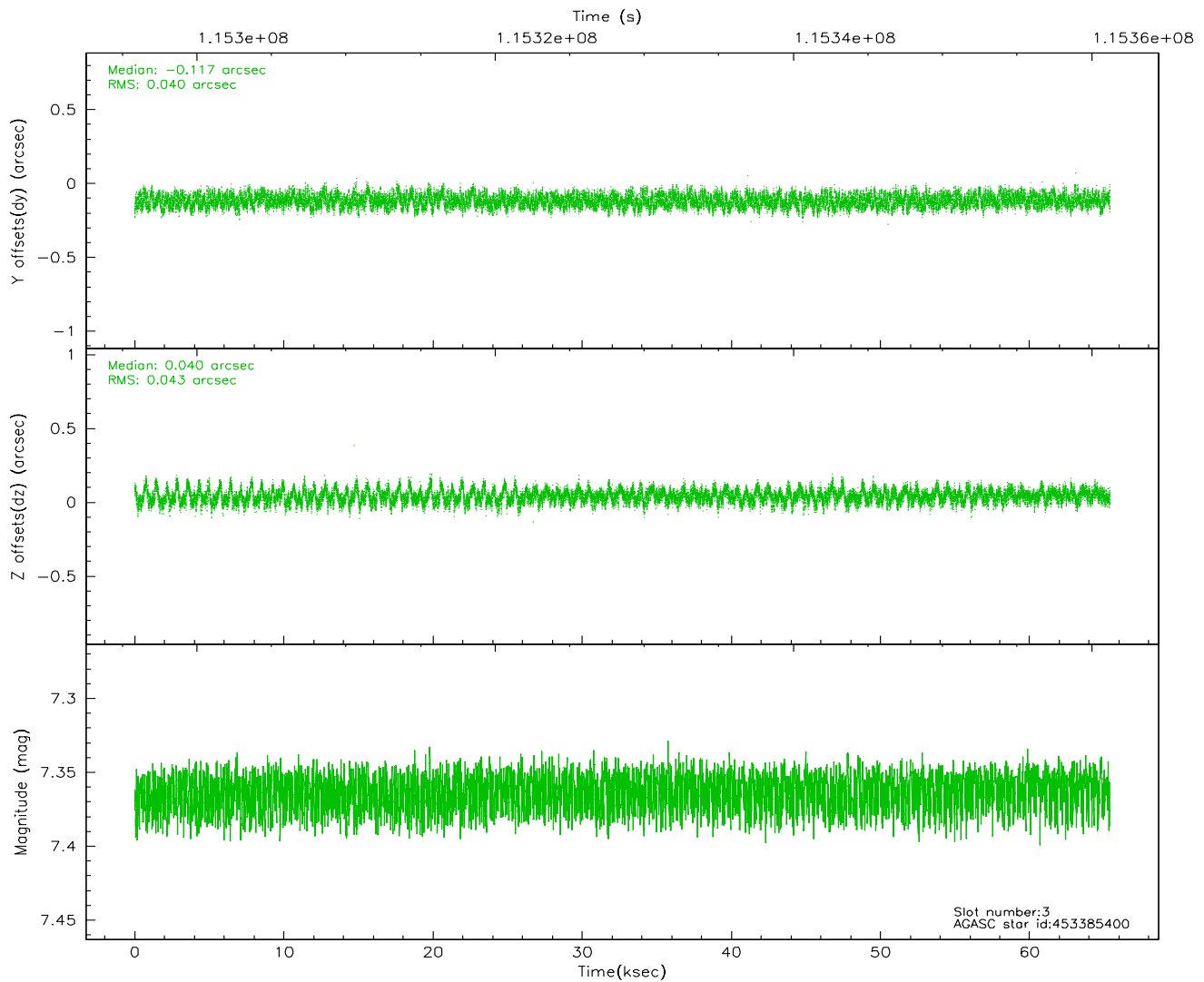
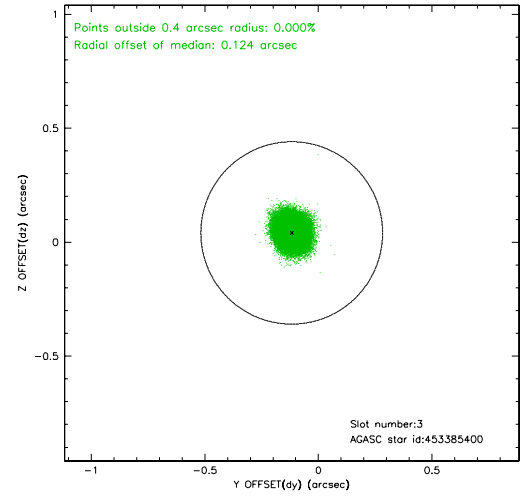
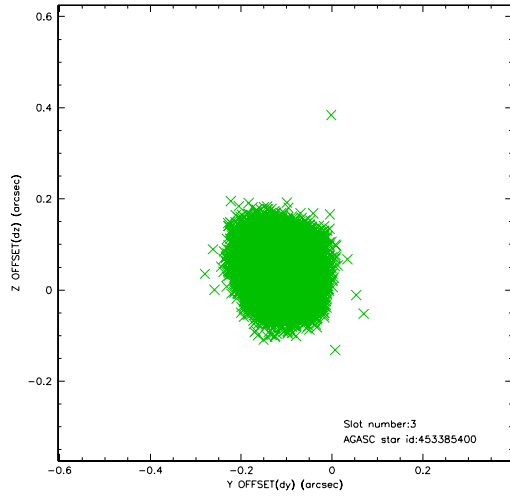


Slot Statistics

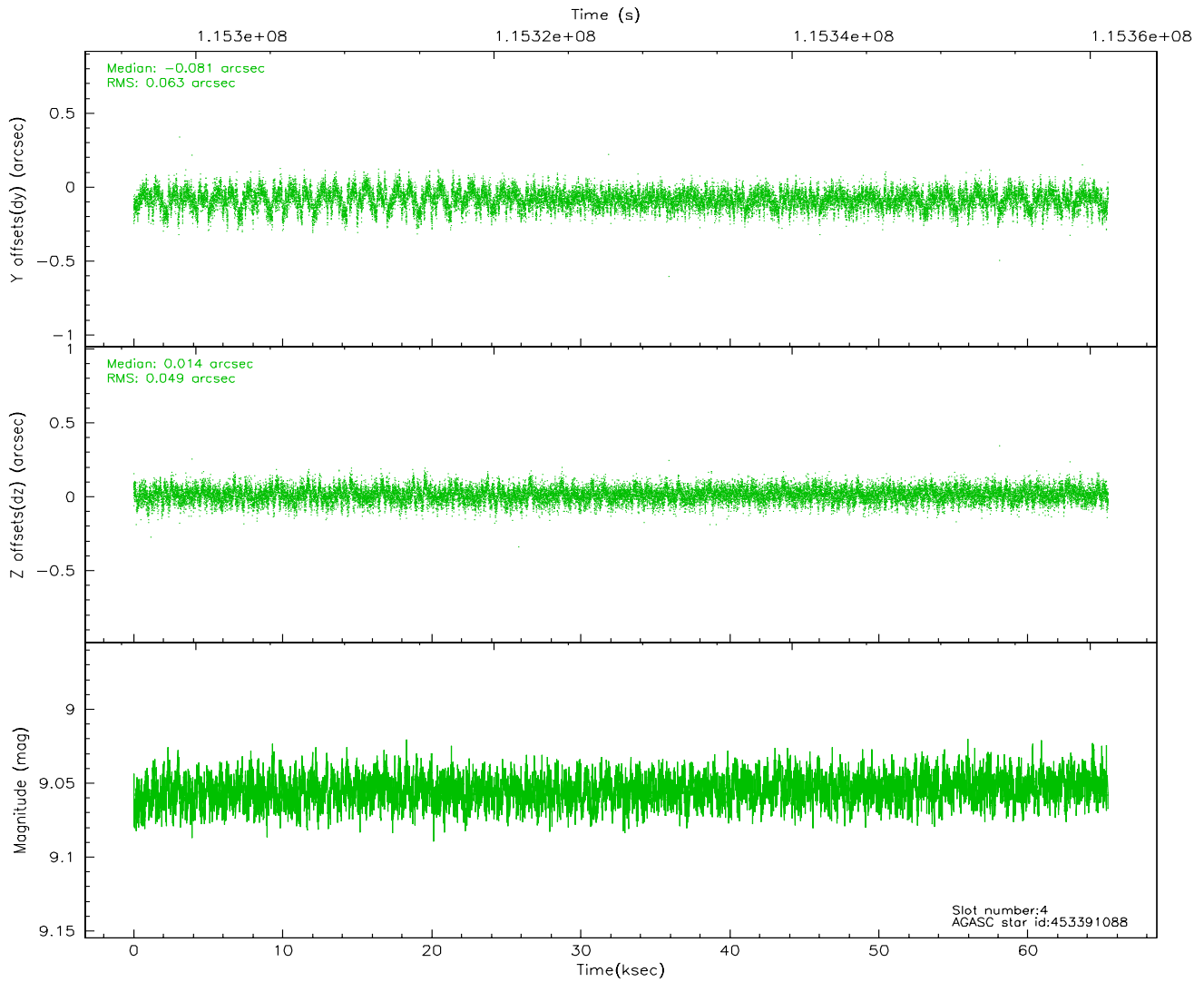
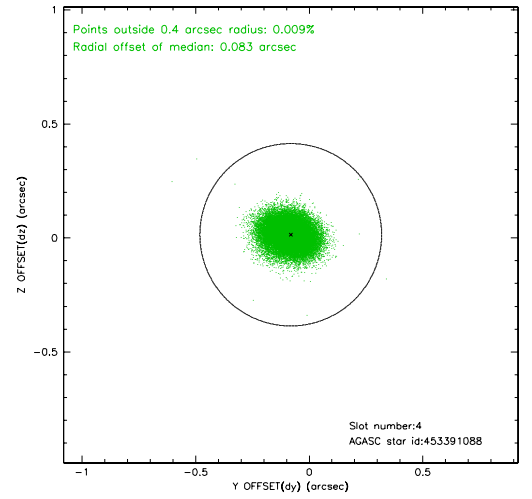
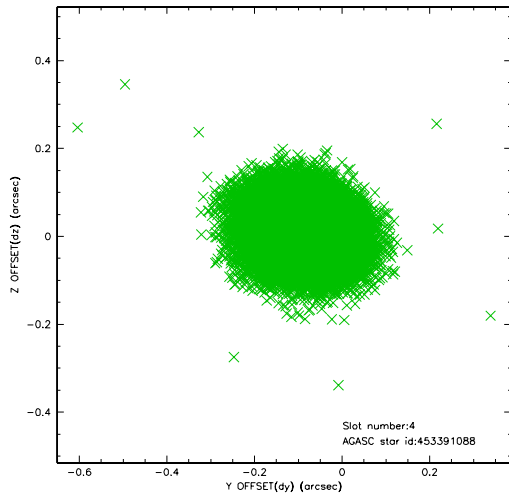
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	15951	0.005	0.018	0.007	0.011	0.000000	0.000000	-754.78	-1728.96
1	FID	ACIS-S-4	7.19	15951	-0.105	-0.007	0.005	0.009	0.000000	0.000000	2158.43	179.53
2	FID	ACIS-S-5	7.24	15948	0.070	-0.002	0.007	0.011	0.000000	0.000000	-1807.60	173.17
3	GUIDE	453385400	7.36	31901	-0.117	0.040	0.064	0.099	193.616926	46.777801	753.03	-2373.90
4	GUIDE	453391088	9.05	31897	-0.081	0.014	0.084	0.138	195.010364	47.442328	864.81	1793.31
5	GUIDE	453391488	9.54	31881	0.006	-0.009	0.128	0.230	194.670606	47.441980	377.81	1124.85
6	GUIDE	453393848	9.97	31863	0.115	0.001	0.103	0.169	194.911451	47.103033	1709.91	878.82
7	GUIDE	453381200	10.02	31825	0.072	-0.047	0.118	0.191	193.283287	47.486264	-1772.63	-1483.30

2.4 Star Slots

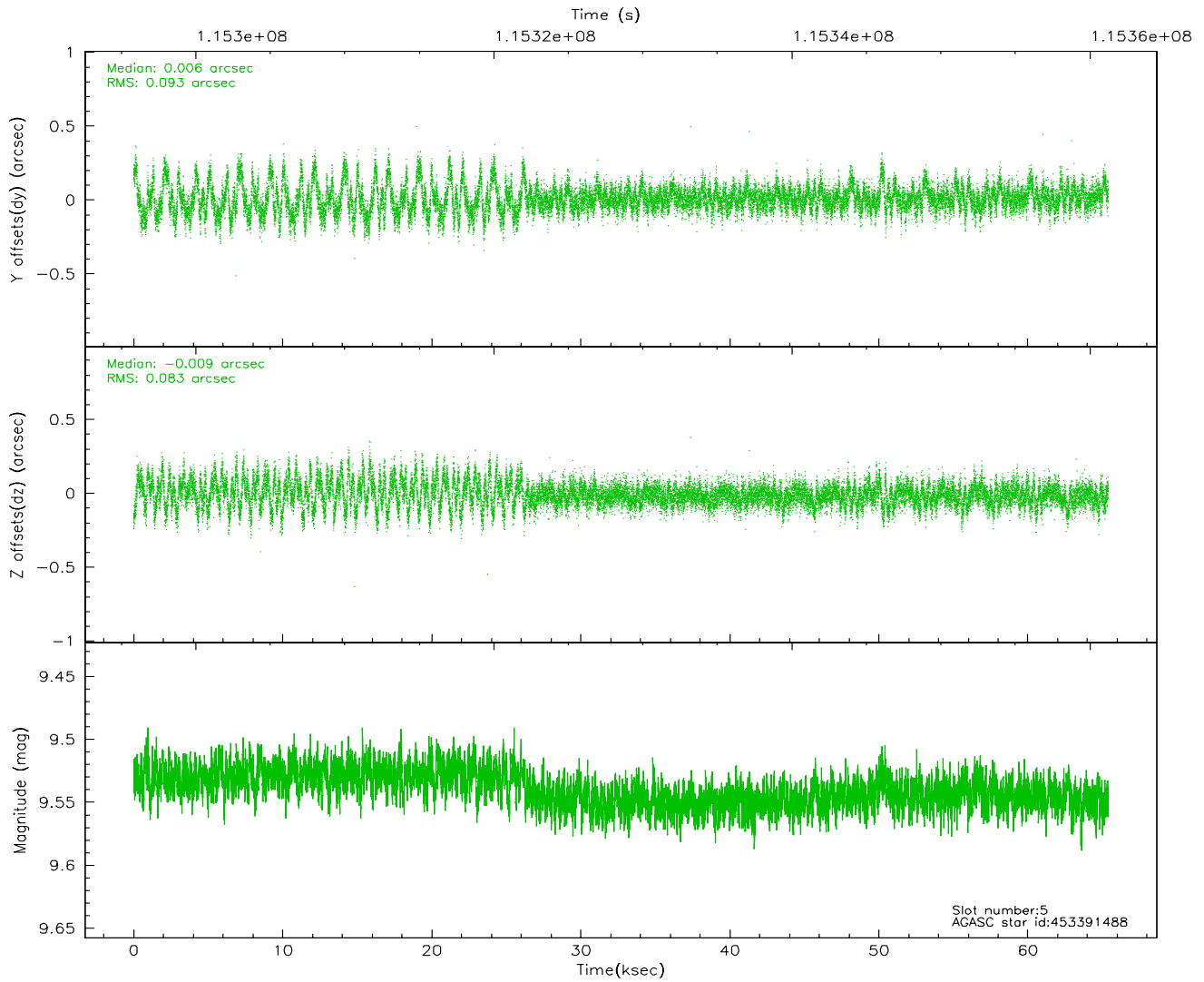
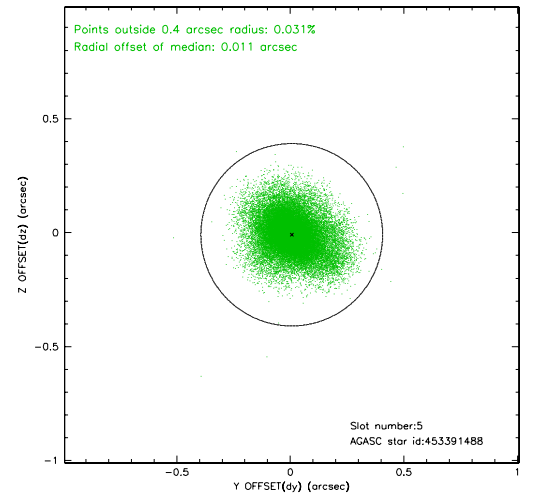
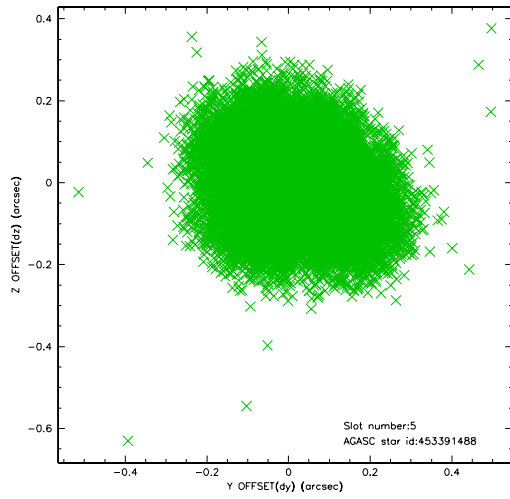
2.4.1 Slot 3



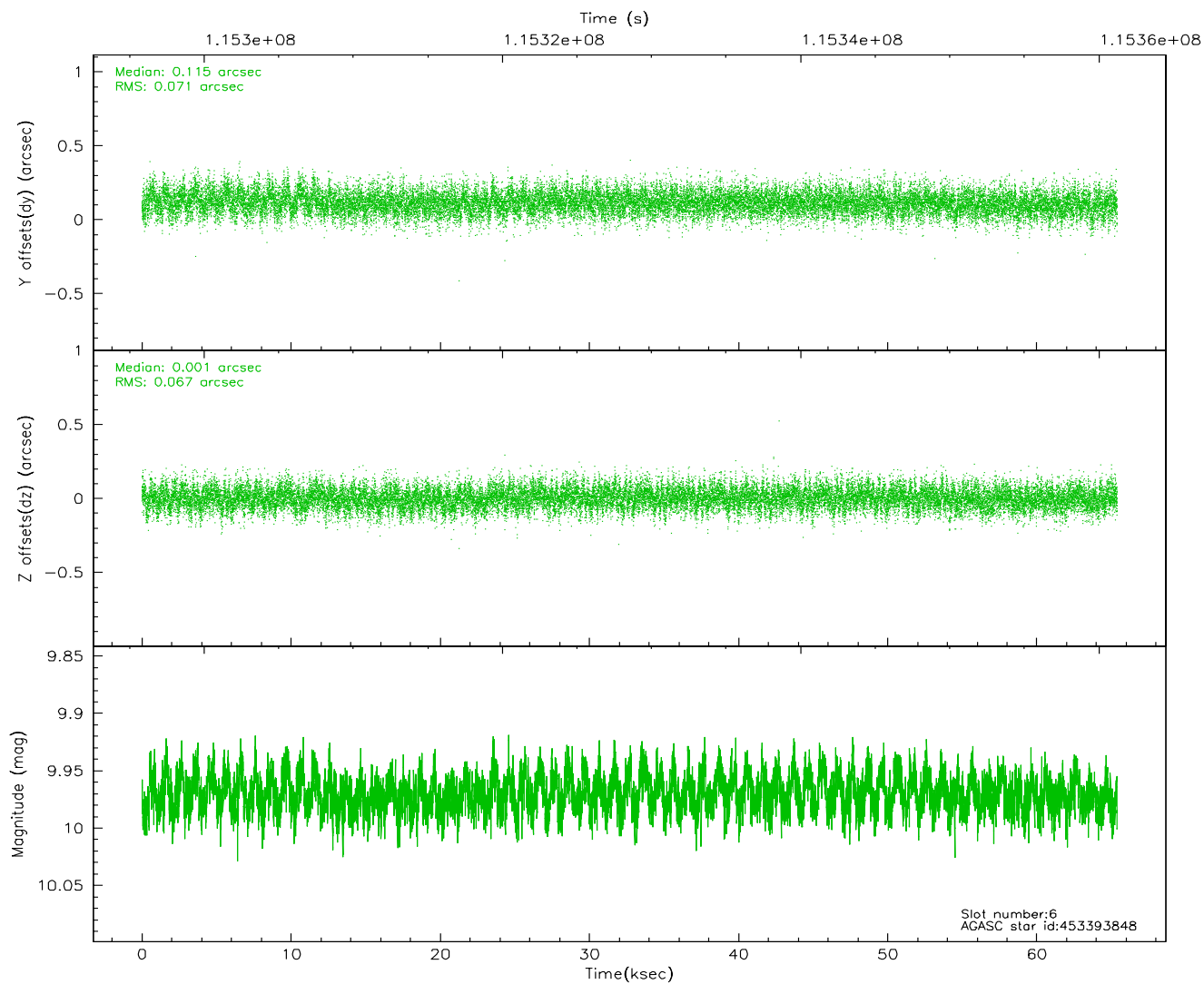
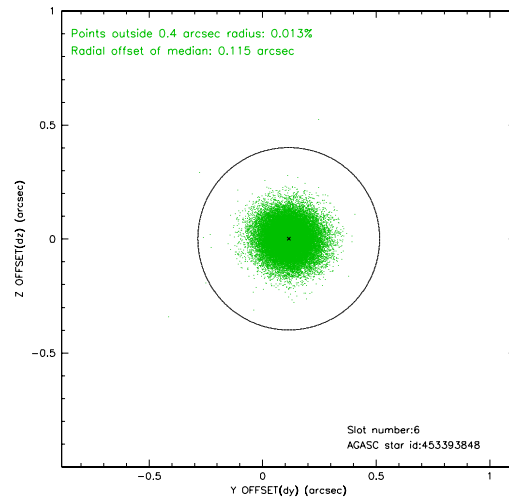
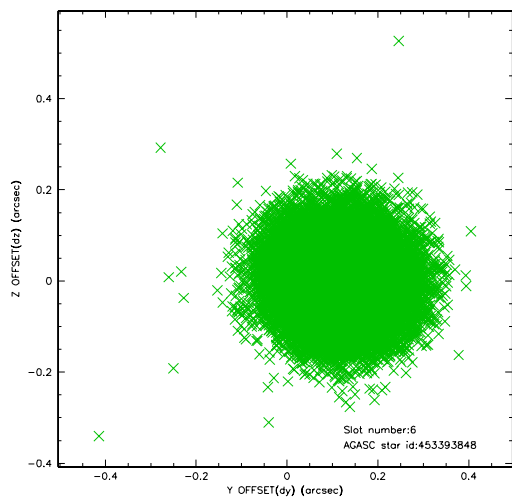
2.4.2 Slot 4



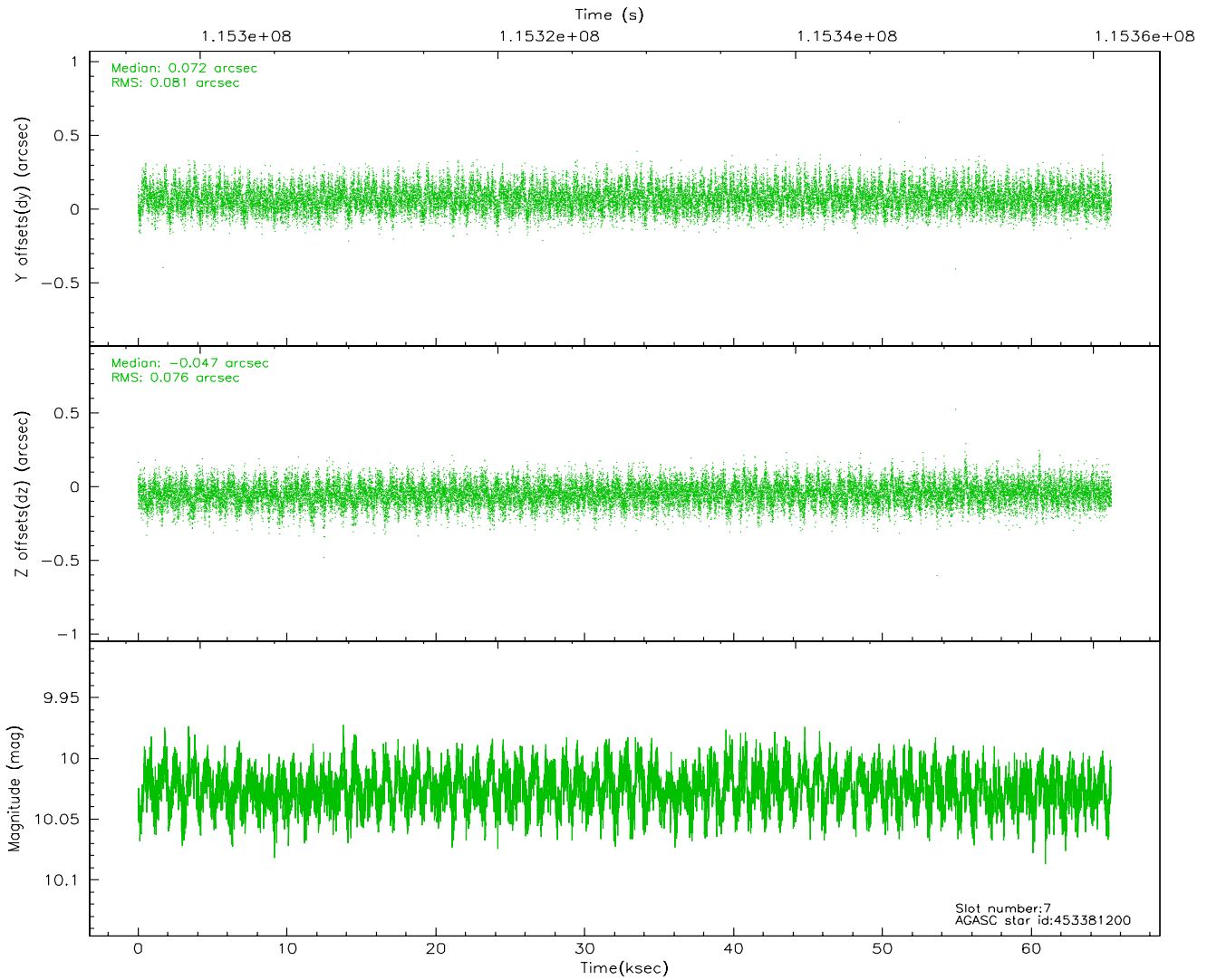
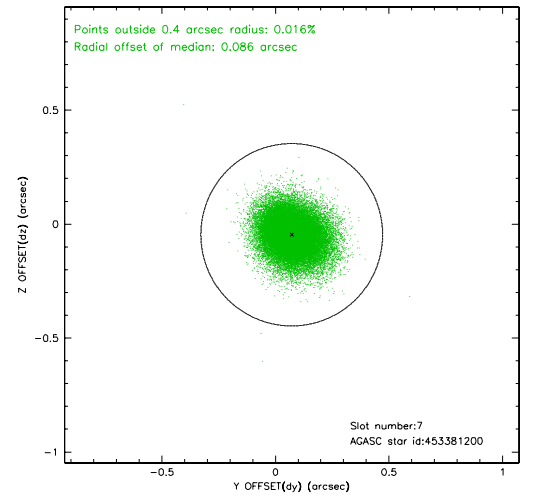
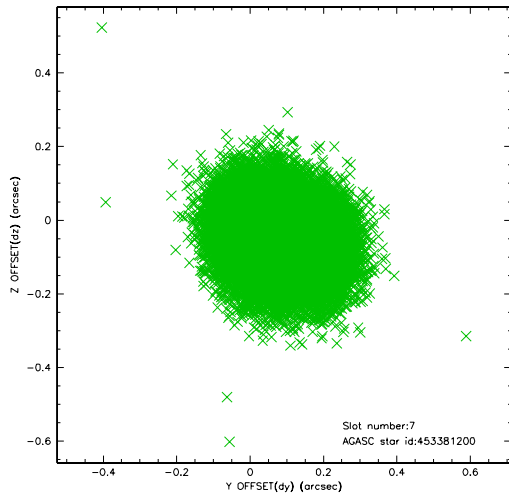
2.4.3 Slot 5



2.4.4 Slot 6

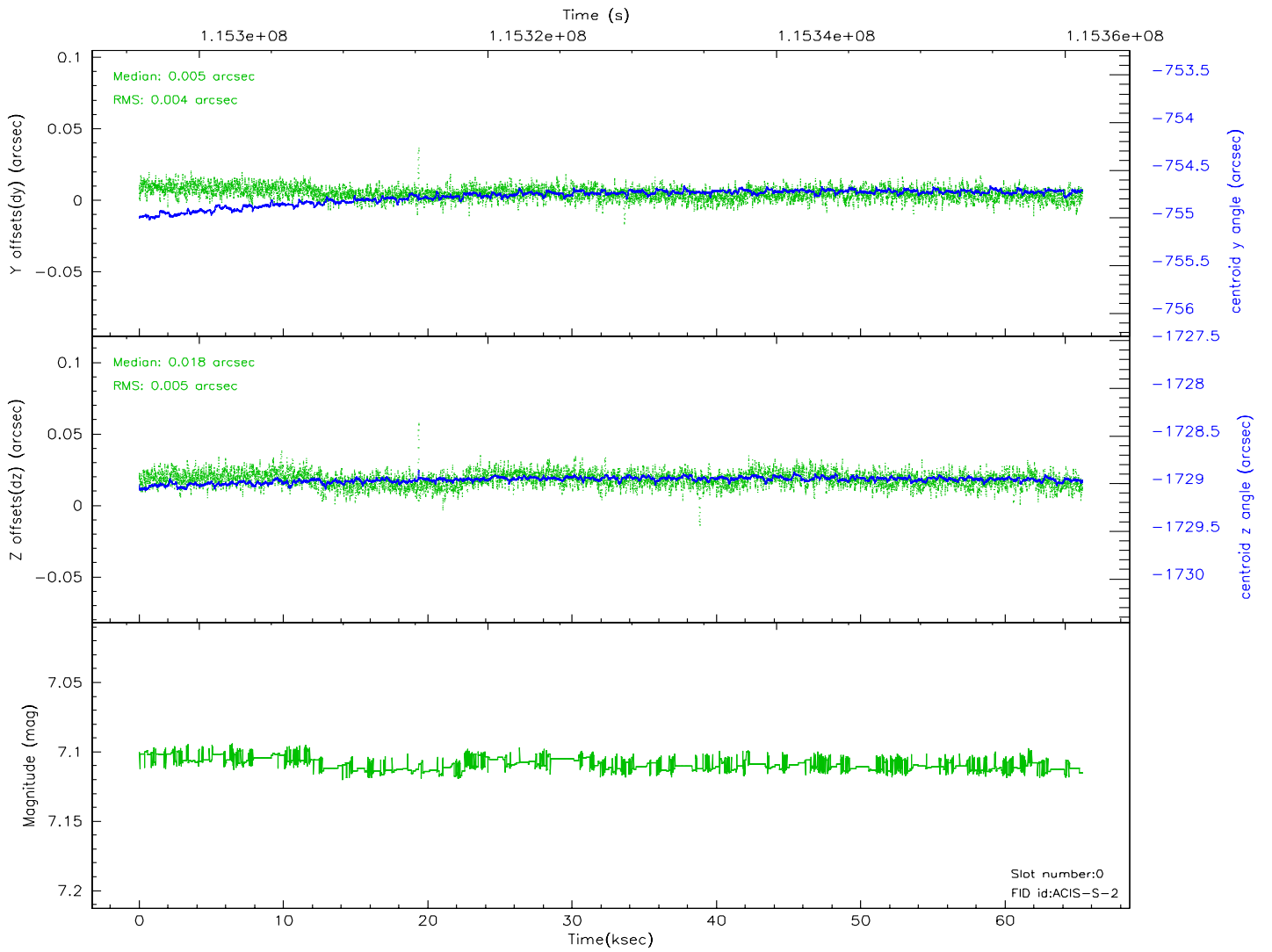
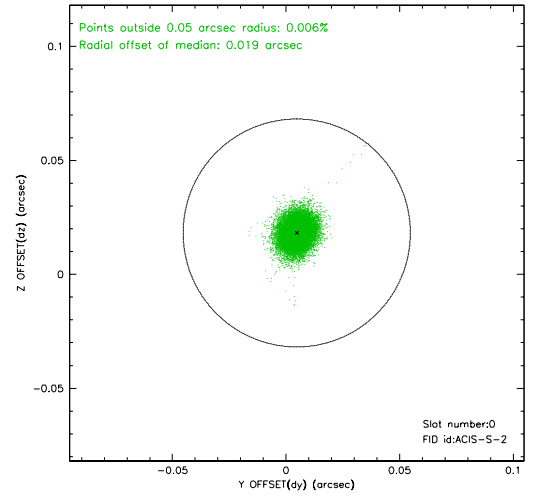
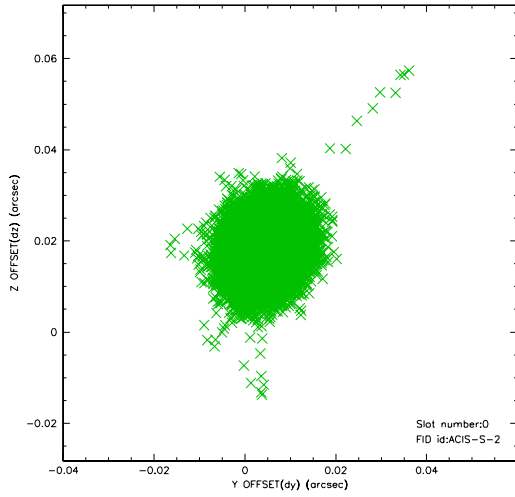


2.4.5 Slot 7

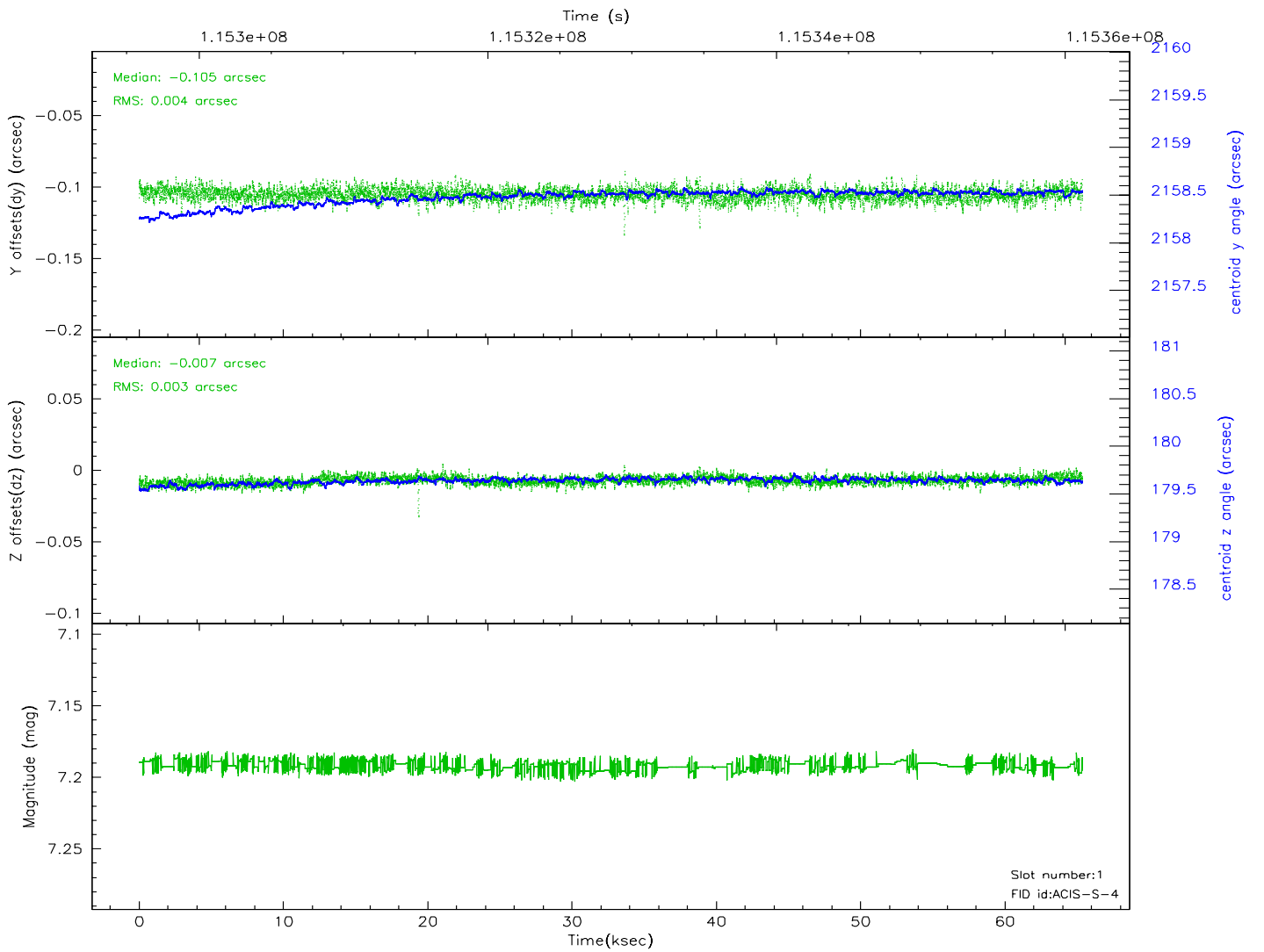
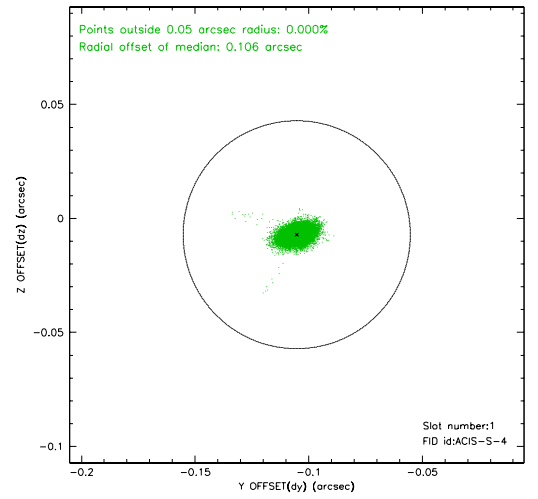
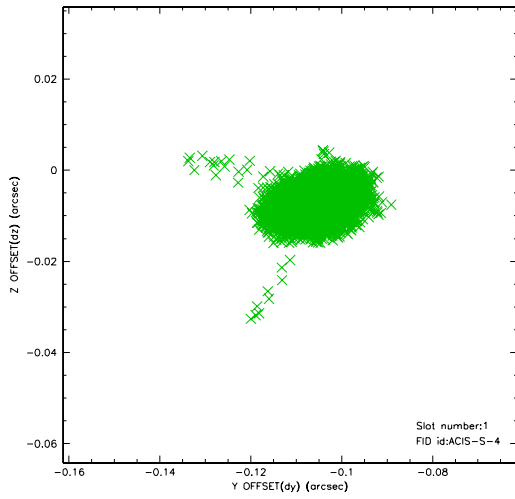


2.5 FID Slots

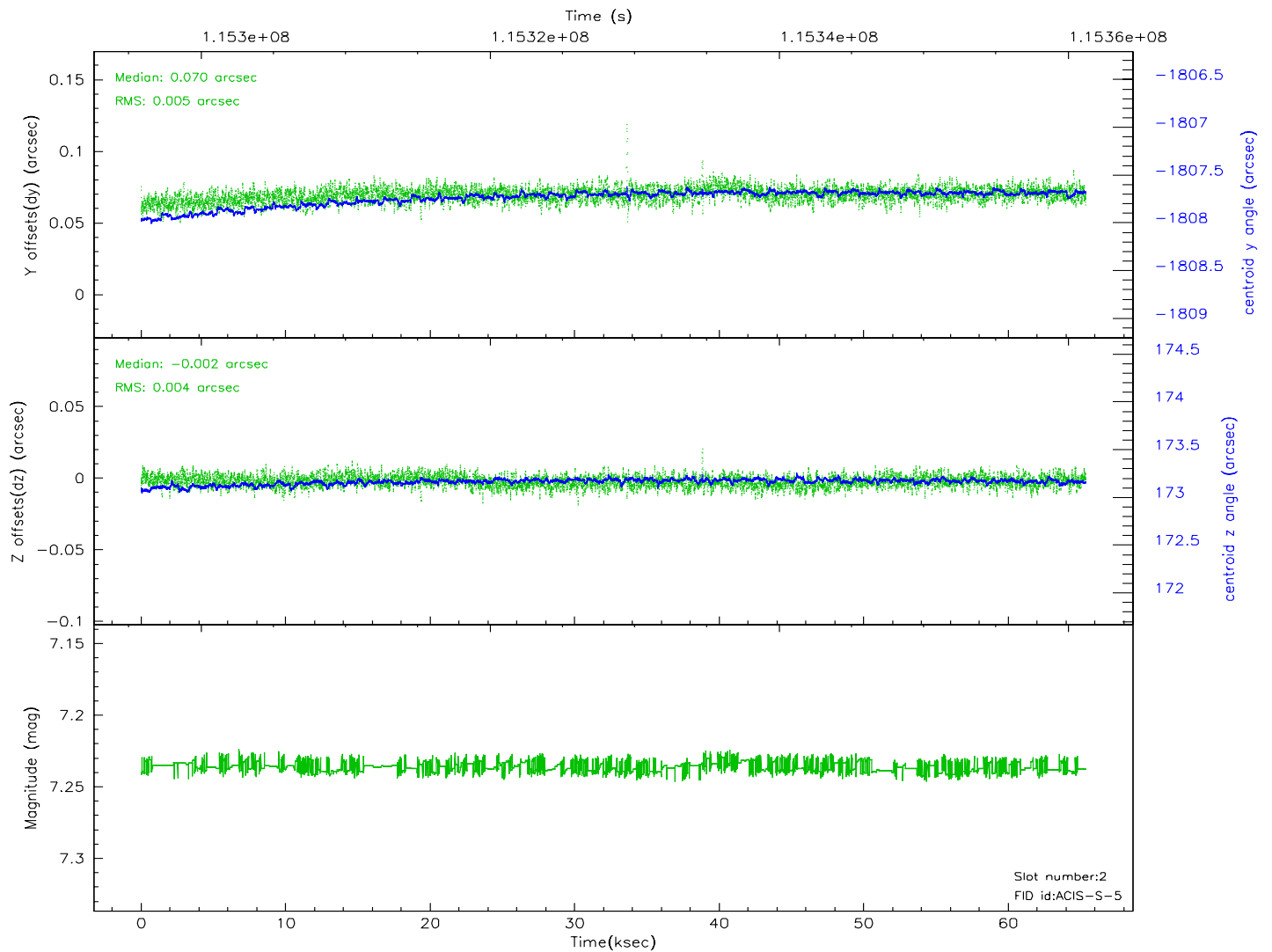
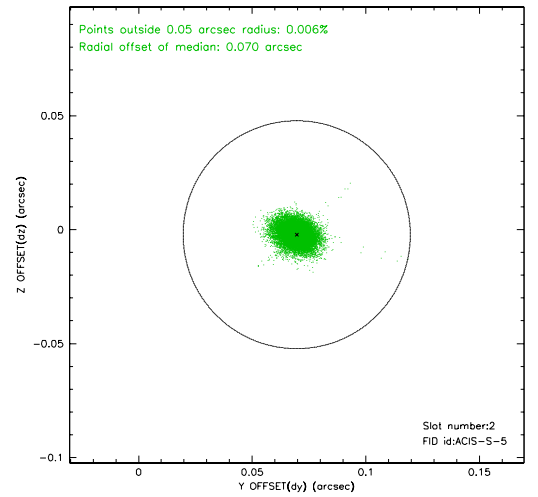
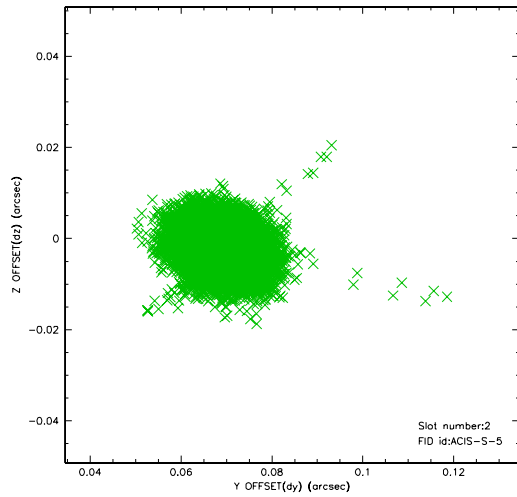
2.5.1 Slot 0



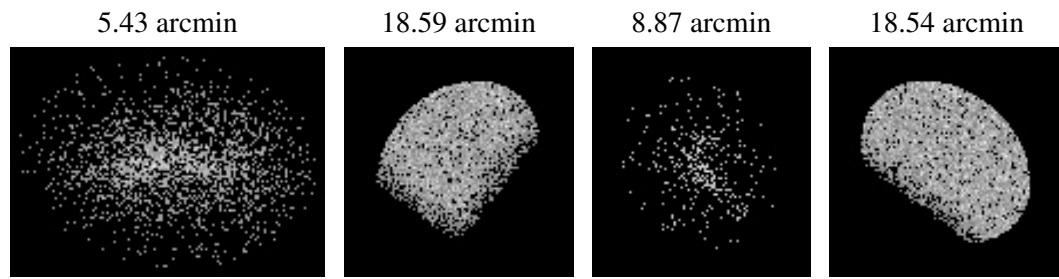
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.12.22
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	64.342

A.2 Comments