

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3327 - L2 Version 001
Chandra X-Ray Center

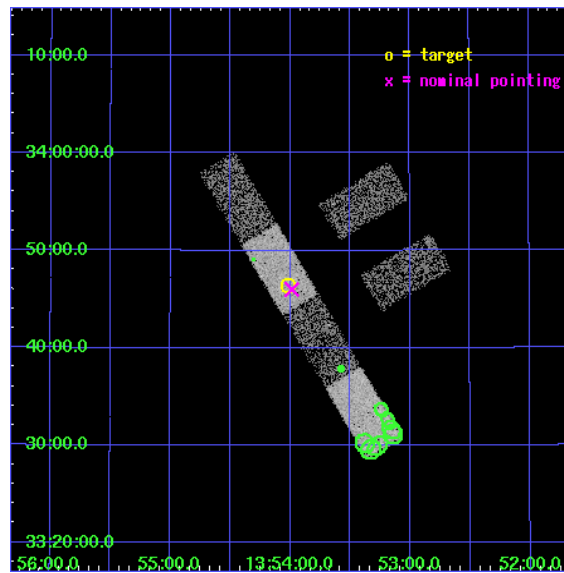
L2 Processing Date : Sep 21 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

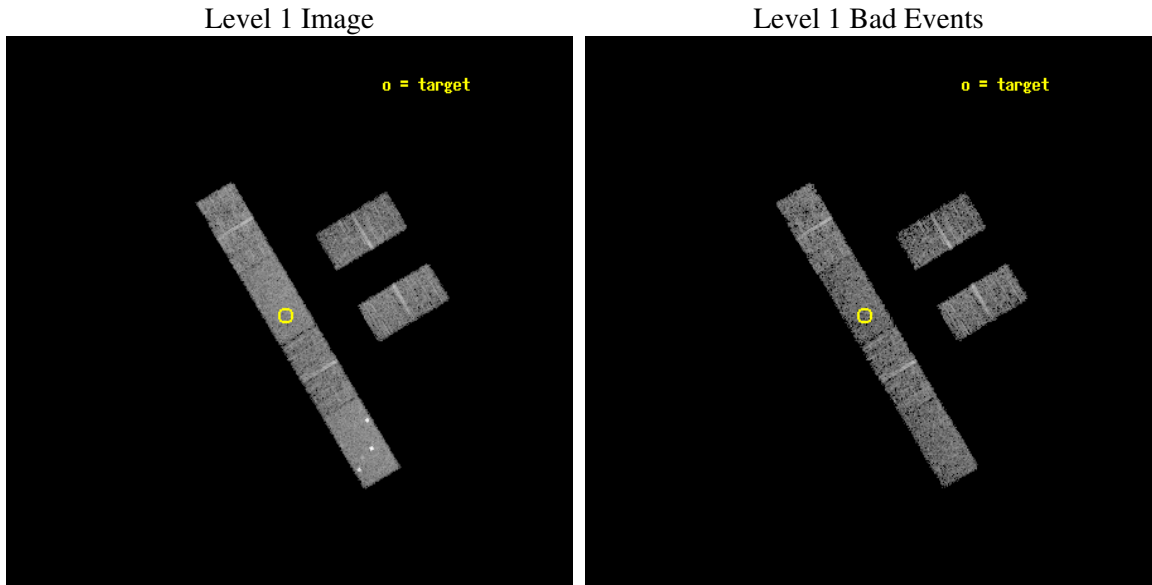
seq_num	900166
obs_id	3327
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?
observer	Professor Kirpal Nandra
object	AX J1354.0+3346
dtcycle	0
cycle	P
ra_targ	208.504167
dec_targ	33.774167
ra_nom	208.49646778189
dec_nom	33.766892603584
roll_nom	239.16381037152
revision	2
ontime	5167.800034225
livetime	5052.600737412
ontime2	5167.800034225
ontime3	5167.800034225
ontime5	5167.800034225
ontime6	5167.800034225
ontime7	5167.800034225
ontime8	5167.800034225
l2events	27065



2 OBI

2.1 OBI

2.1.1 Images

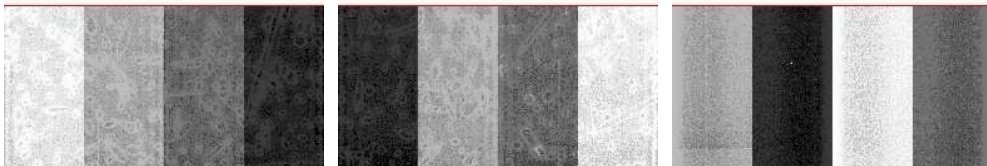


2.1.2 Bias

Chip 2

Chip 3

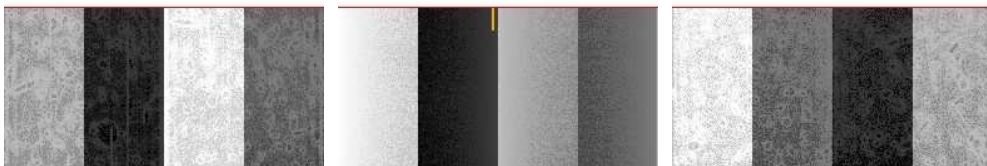
Chip 5



Chip 6

Chip 7

Chip 8



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldbver	3.2.3
date	2006-09-21T04:42:46
revision	2

sched_exp_time	5000.000000
ontime	5171.4188821018
ontime2	5171.4188821018
ontime3	5171.4188821018
ontime5	5171.4188821018
ontime6	5171.4188821018
ontime7	5171.4188821018
ontime8	5171.4188821018
l1events	132408

2.1.4 Events

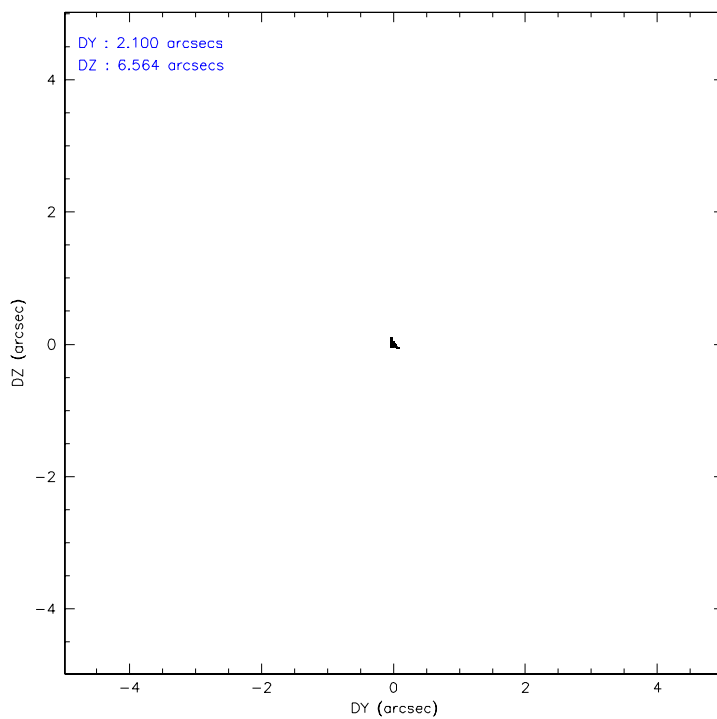
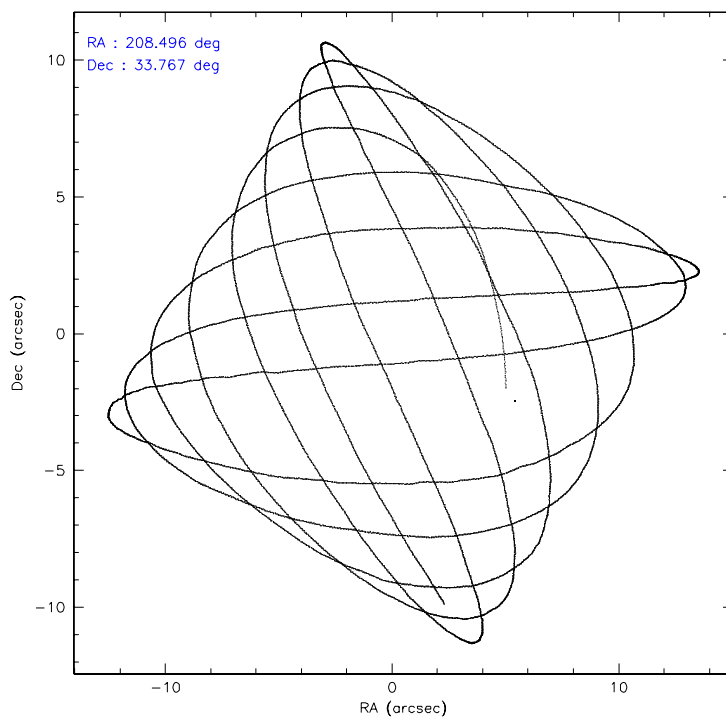
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	20091	17226	29005	18841	23107	24138
rejected events	17917	15190	14034	16708	13702	19572
rejected %	89%	88%	48%	88%	59%	81%

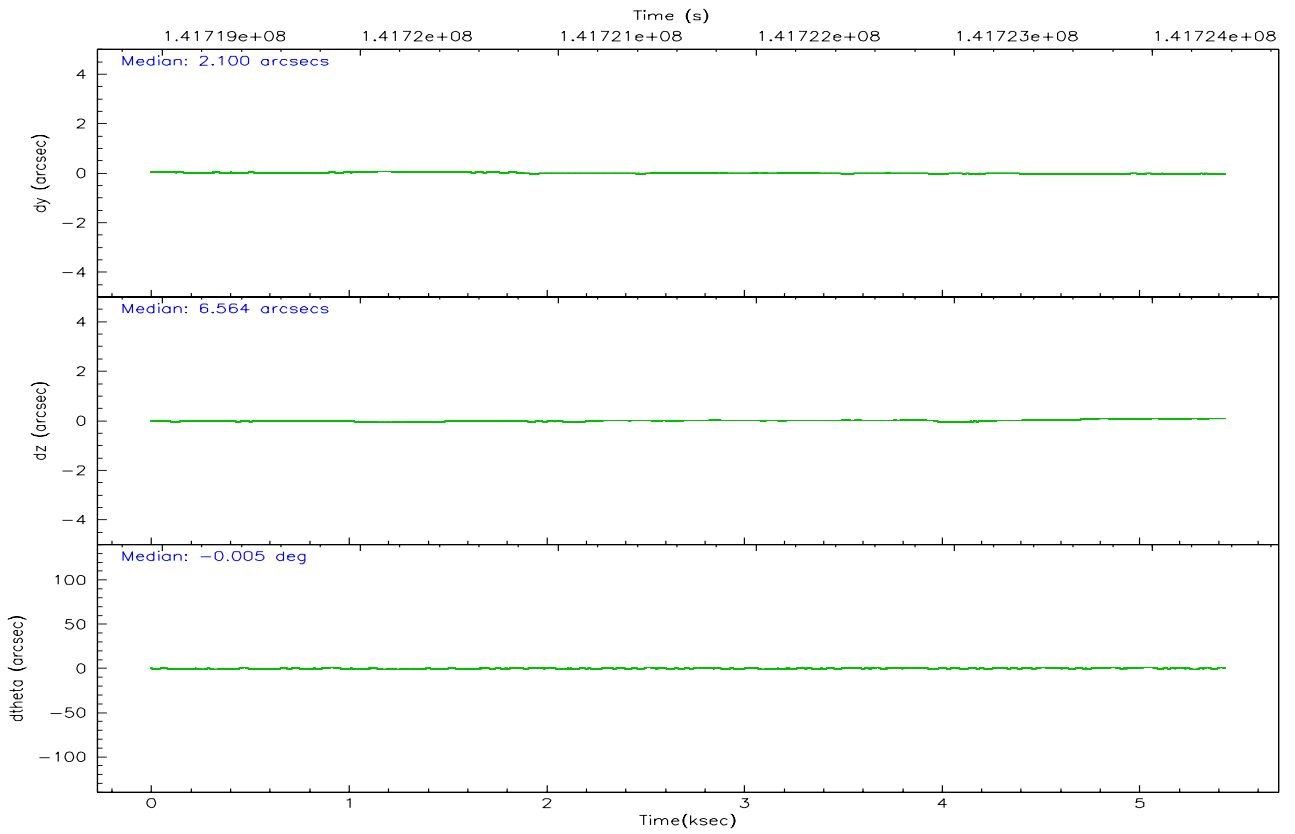
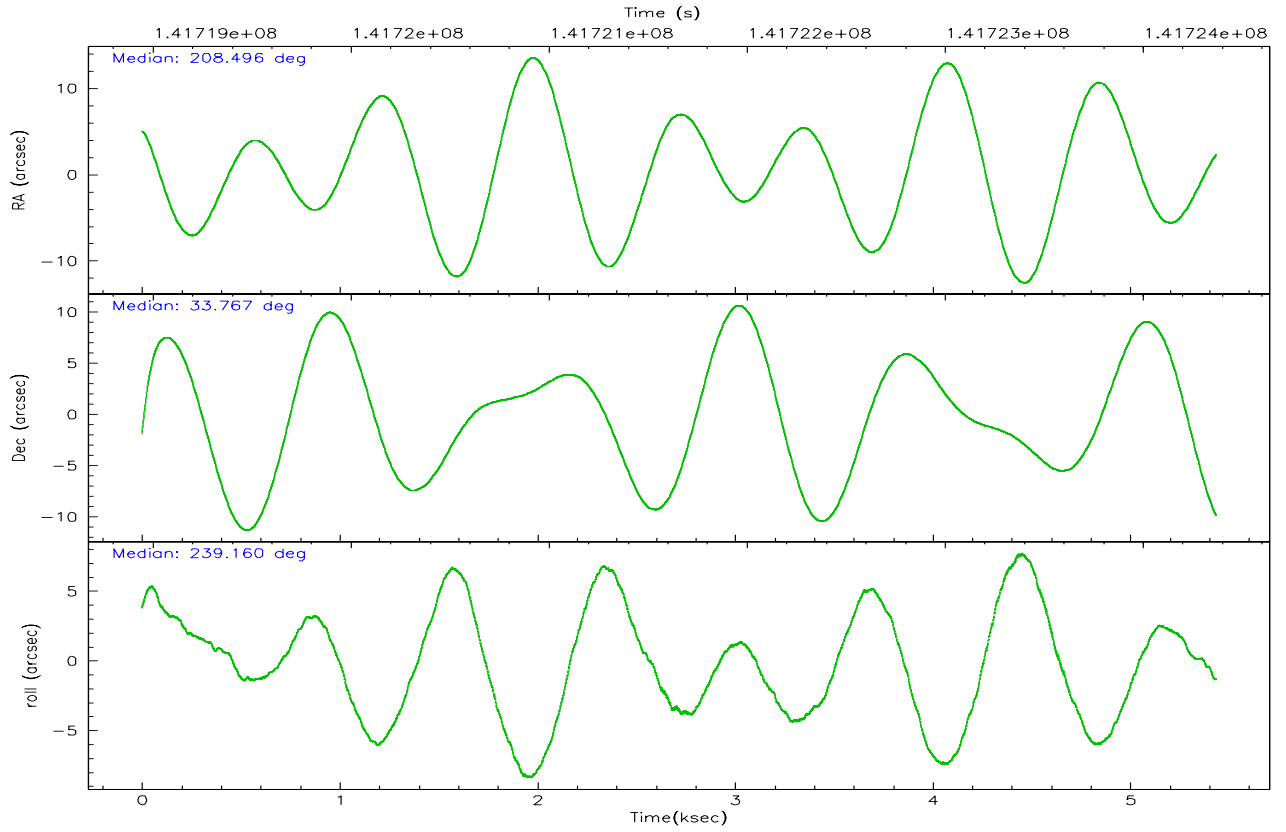
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	828	812	4506	790	682	1306
	4%	4%	15%	4%	2%	5%
grade 1 events	6	8	73	2	14	12
	0%	0%	0%	0%	0%	0%
grade 2 events	497	386	3523	432	2268	960
	2%	2%	12%	2%	9%	3%
grade 3 events	235	257	285	244	628	516
	1%	1%	0%	1%	2%	2%
grade 4 events	239	228	269	272	615	509
	1%	1%	0%	1%	2%	2%
grade 5 events	621	738	1341	803	1585	982
	3%	4%	4%	4%	6%	4%
grade 6 events	375	353	6391	398	5220	1276
	1%	2%	22%	2%	22%	5%
grade 7 events	17290	14444	12617	15900	12095	18577
	86%	83%	43%	84%	52%	76%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	208.496579	208.496467781893	Subarray requested	1/2	1/2
Pointing Dec	33.794086	33.76689260358365	Subarray start row	0	257
Pointing Roll	239.007113	239.1638103715156	Subarray row count	1024	512
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001444936568705701	Primary exposure time	0.000000	1.8
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	141719375.184000	141718293.2528			
Observation start date	2002-06-29T06:28:31	2002-06-29T06:11:33			
Observation end time	141724375.184000	141724982.40307			
Observation end date	2002-06-29T07:51:51	2002-06-29T08:03:02			
Read mode	TIMED	TIMED			

2.3 Aspect



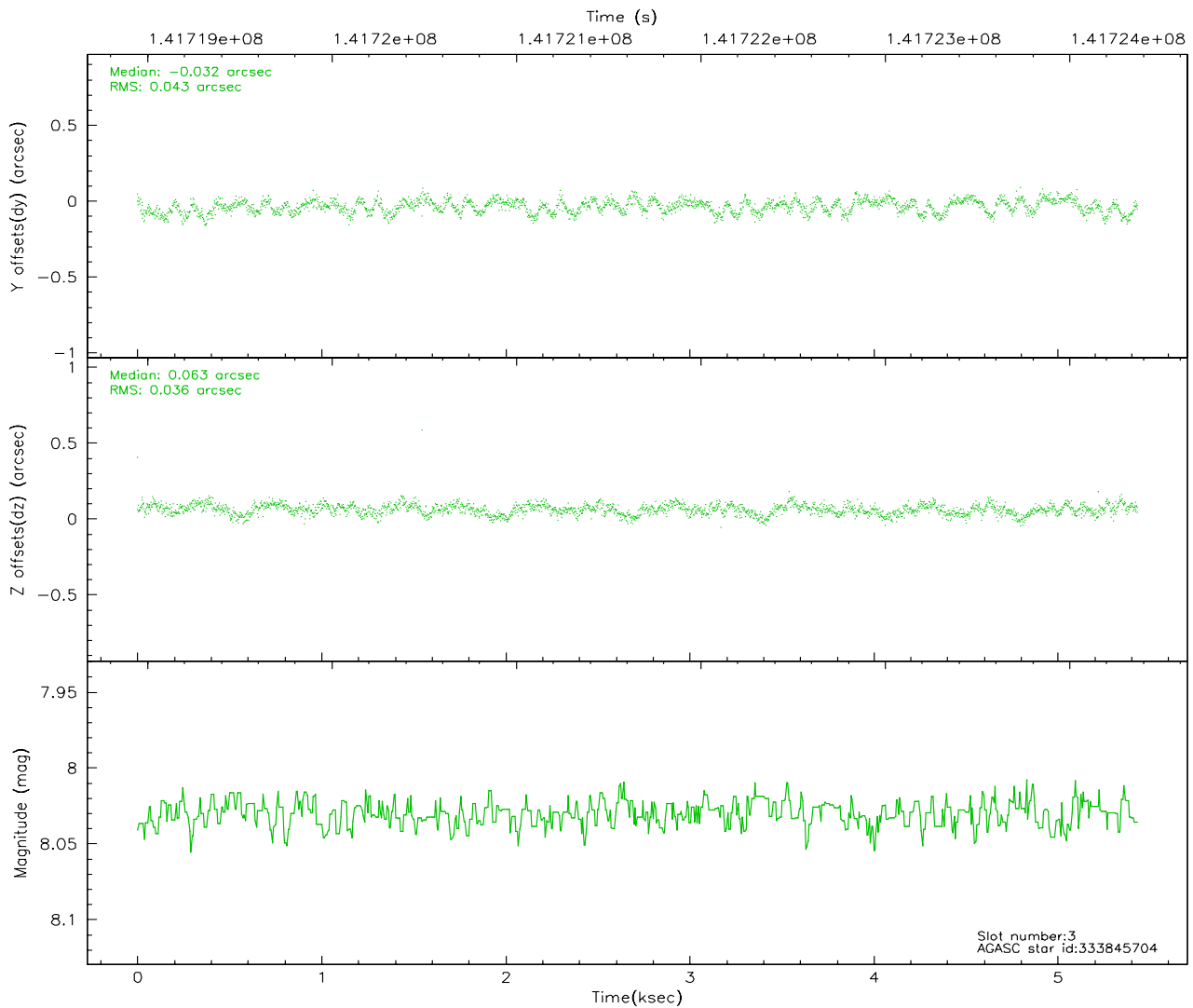
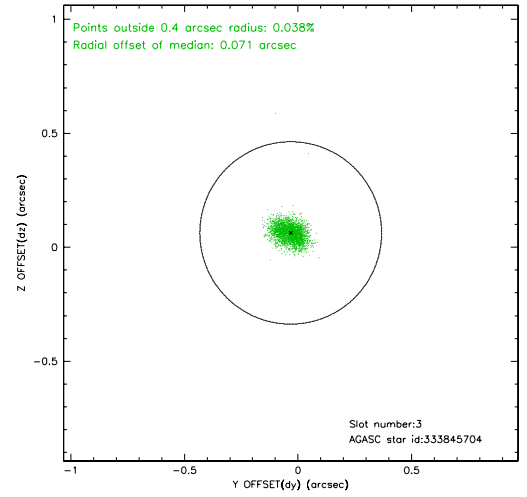
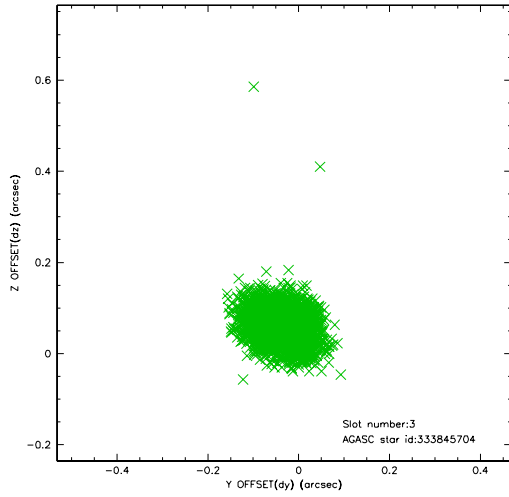


Slot Statistics

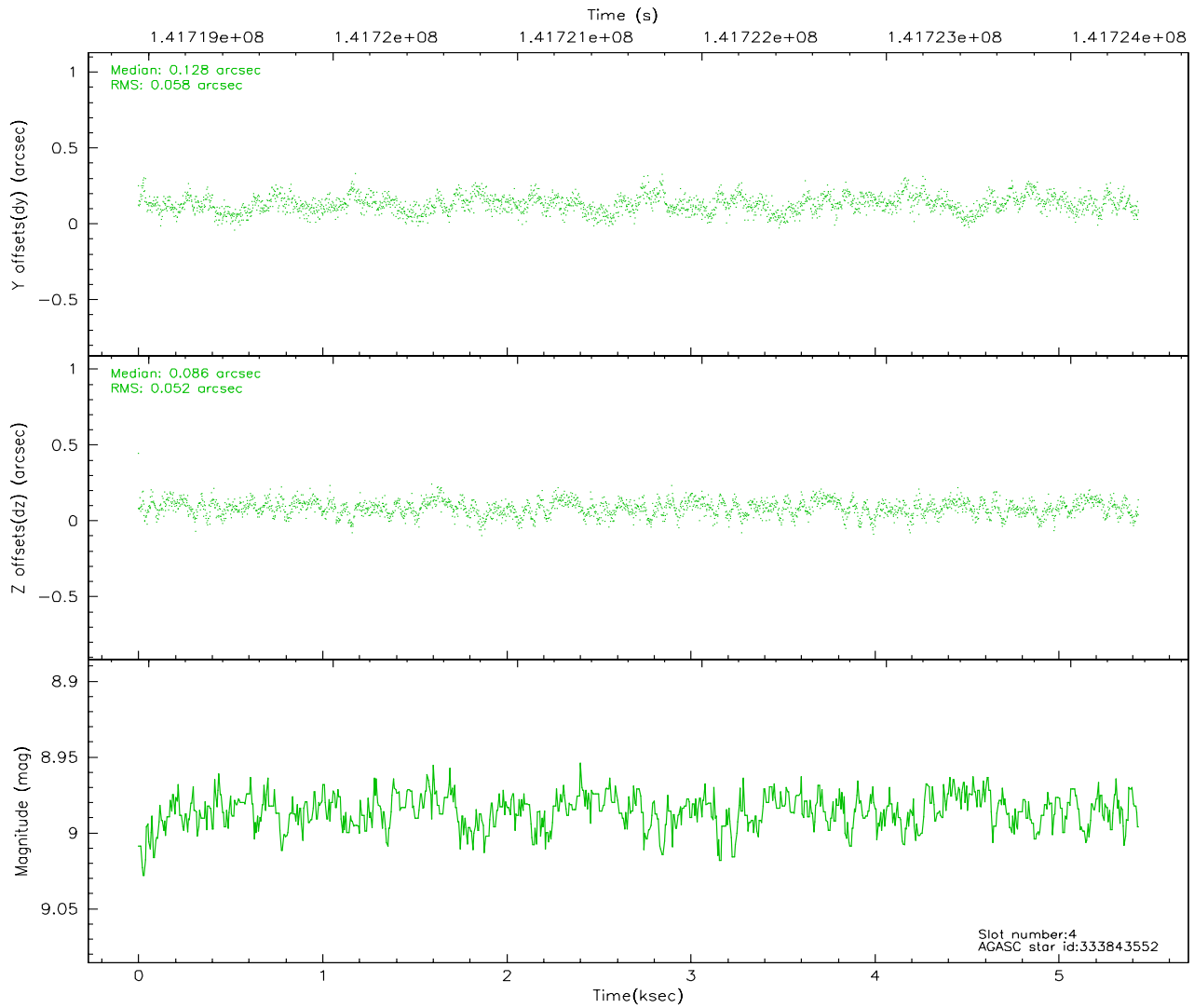
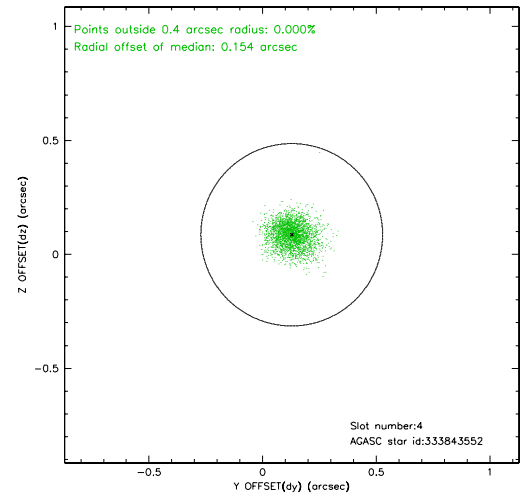
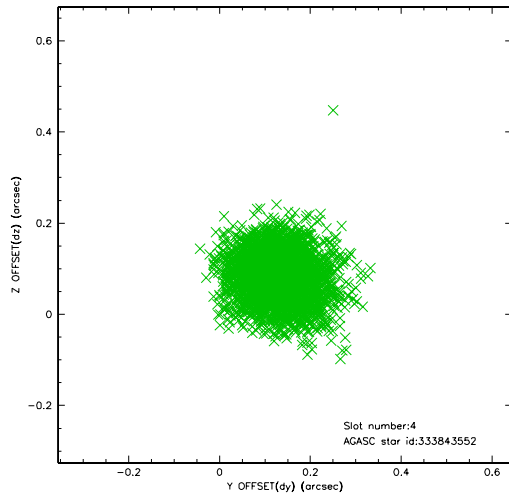
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1326	-0.031	0.024	0.006	0.011	0.000000	0.000000	-754.73	-1727.71
1	FID	ACIS-S-4	7.20	1326	-0.047	0.008	0.005	0.009	0.000000	0.000000	2158.01	179.65
2	FID	ACIS-S-5	7.24	1325	0.046	-0.023	0.006	0.009	0.000000	0.000000	-1806.09	174.51
3	GUIDE	333845704	8.03	2651	-0.032	0.063	0.059	0.093	209.172586	33.937049	-1487.18	1463.64
4	GUIDE	333843552	8.99	2650	0.128	0.086	0.084	0.135	207.943128	33.286944	2417.95	-487.89
5	GUIDE	333844520	9.30	2651	0.005	-0.100	0.105	0.176	208.057673	33.708550	938.91	-968.52
6	GUIDE	333846144	9.22	2652	0.032	0.025	0.100	0.166	209.272937	33.807012	-1243.43	1962.83
7	GUIDE	333845560	9.49	2649	-0.140	-0.076	0.083	0.134	208.480633	34.549476	-2307.92	-1439.04

2.4 Star Slots

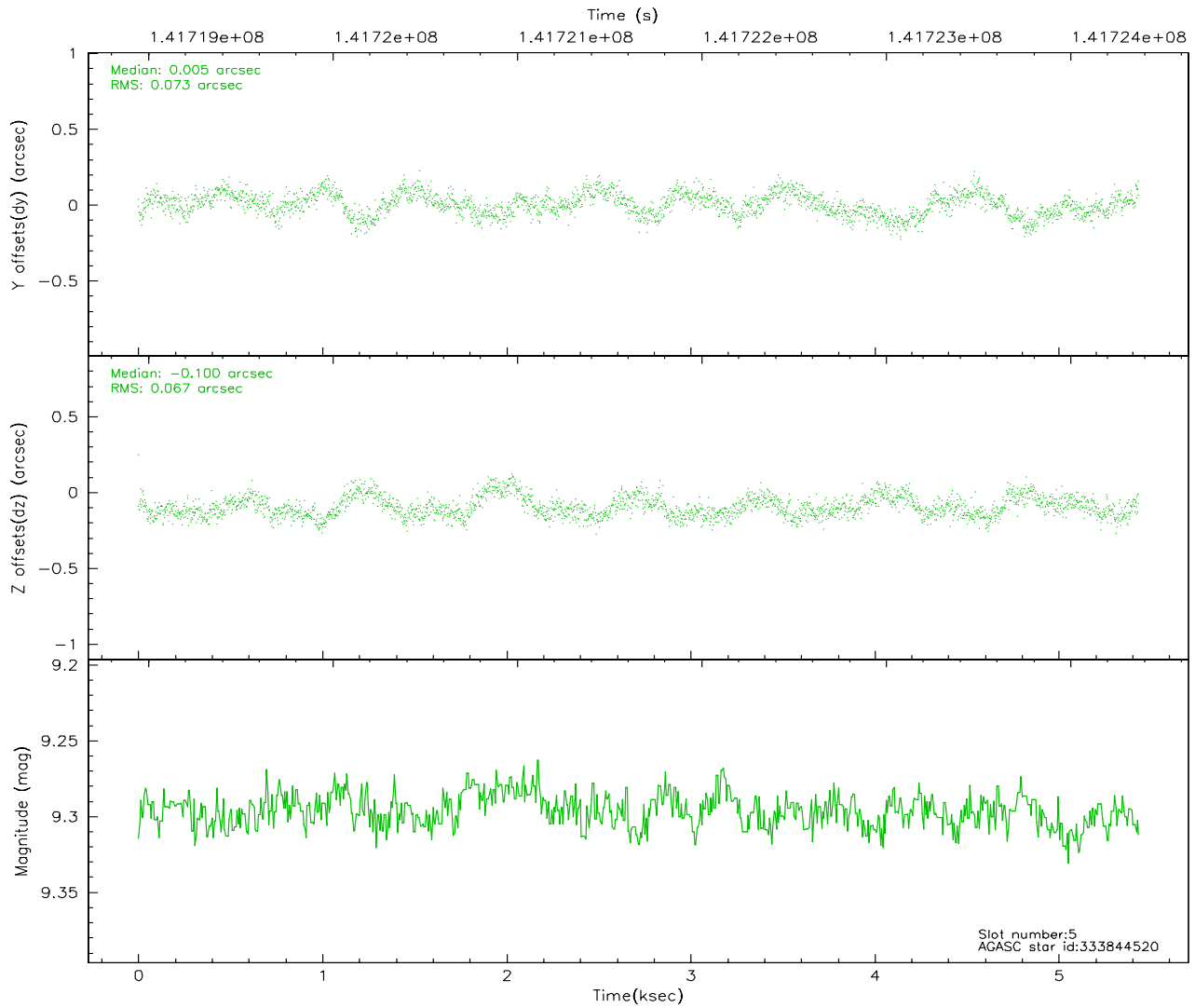
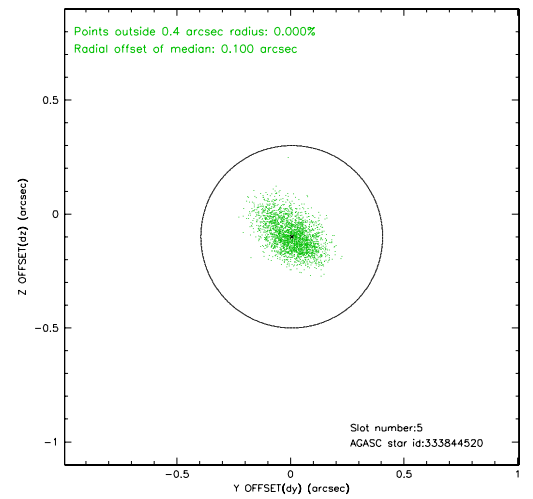
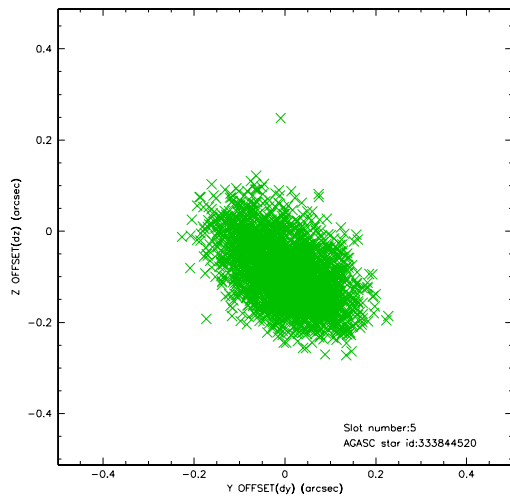
2.4.1 Slot 3



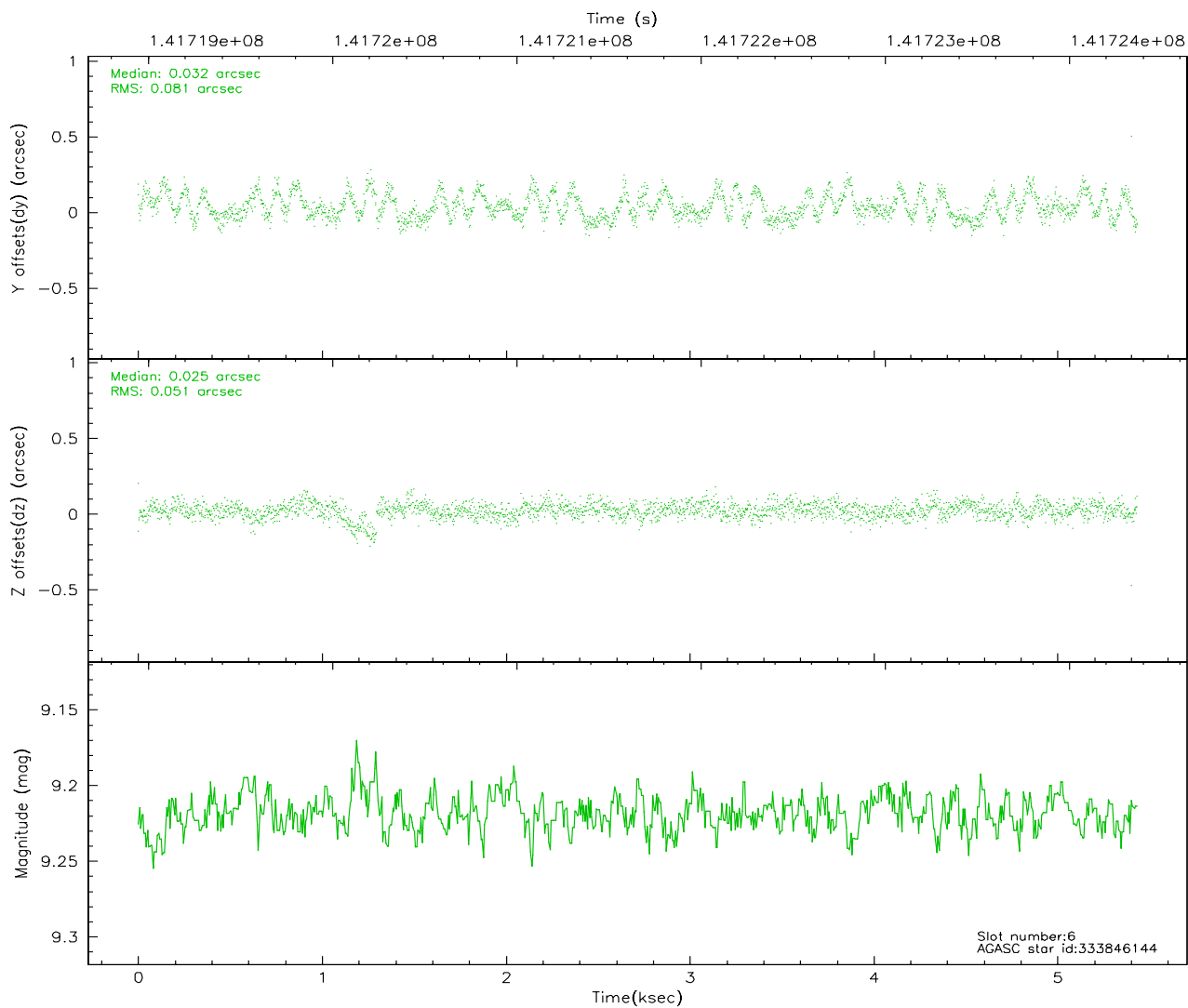
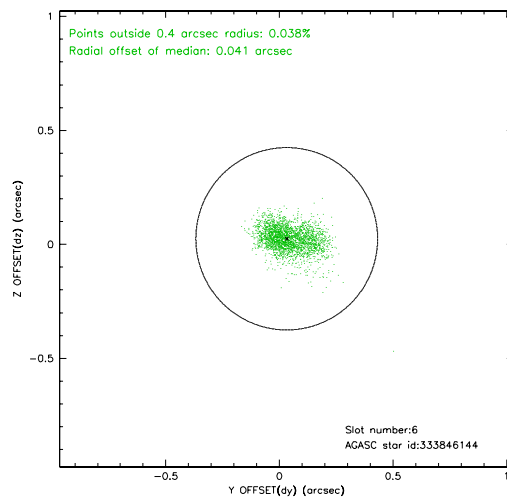
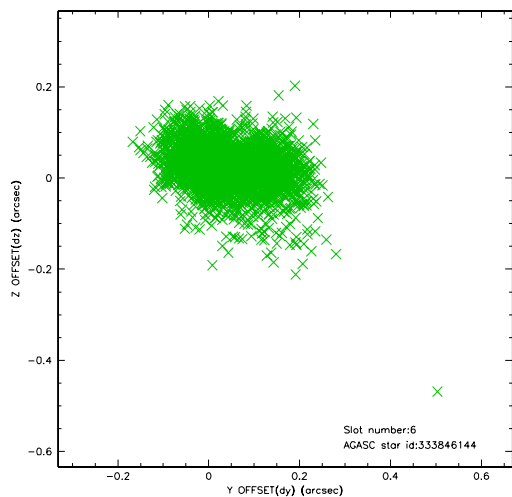
2.4.2 Slot 4



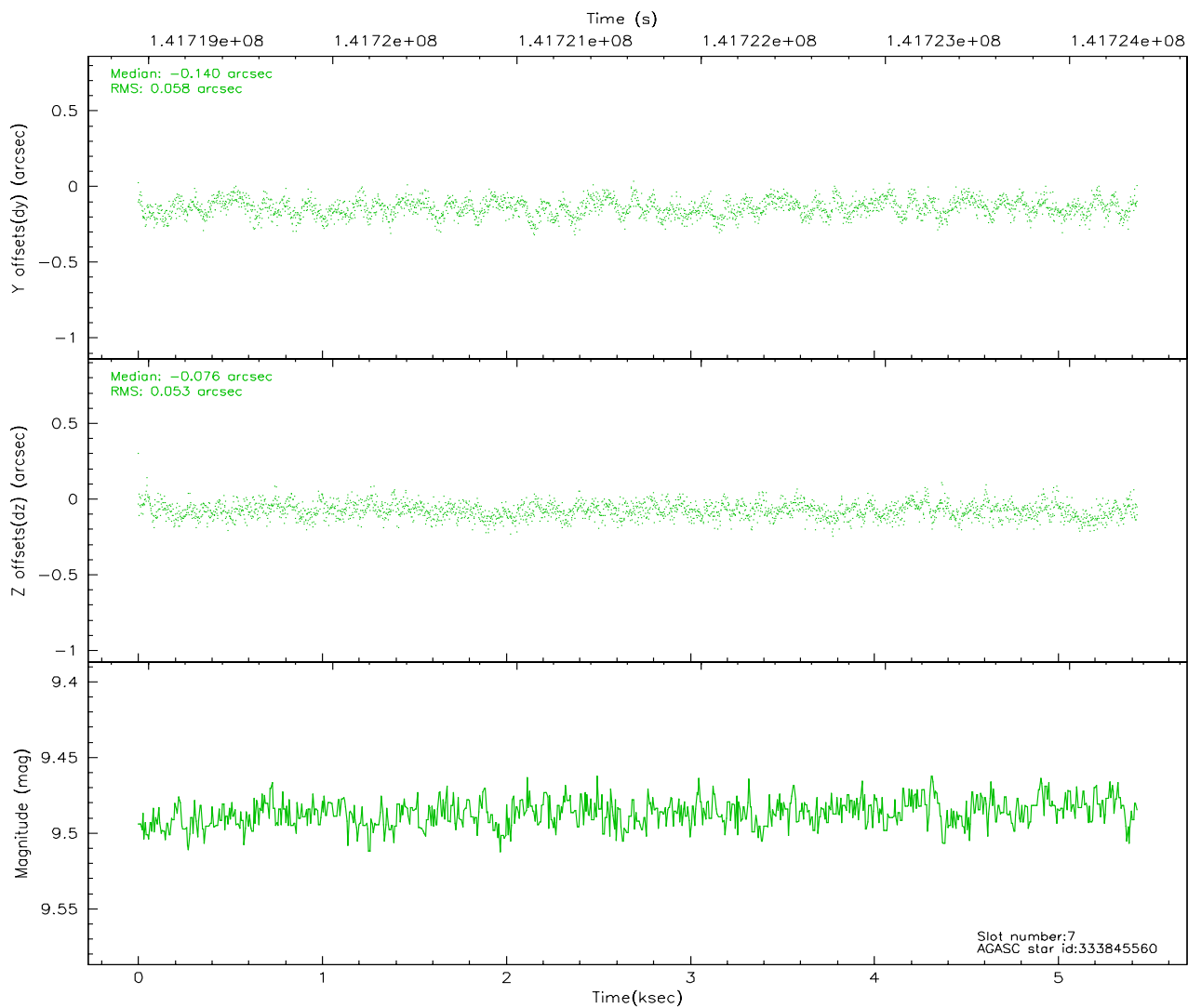
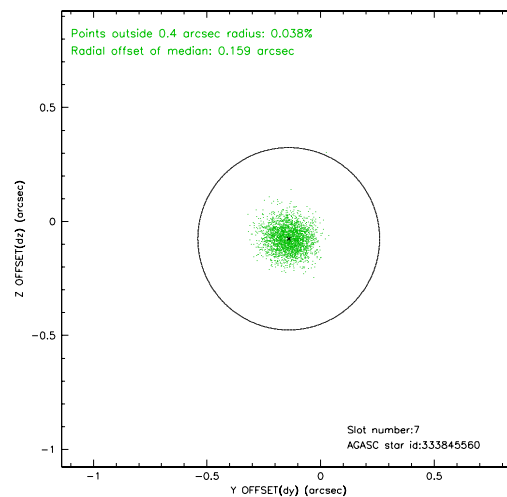
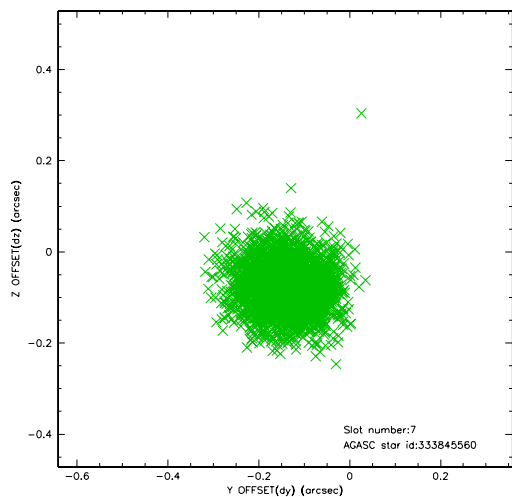
2.4.3 Slot 5



2.4.4 Slot 6

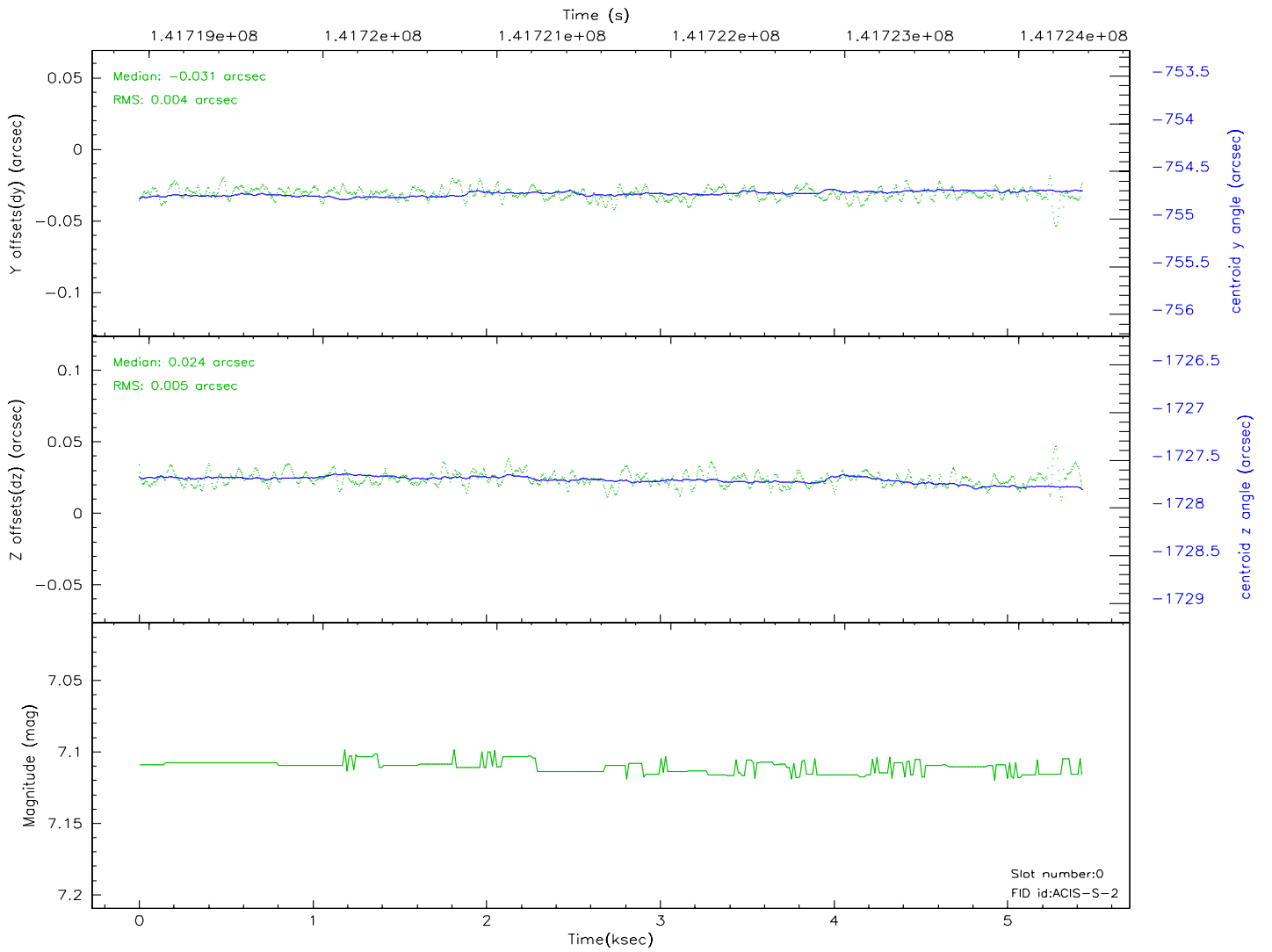
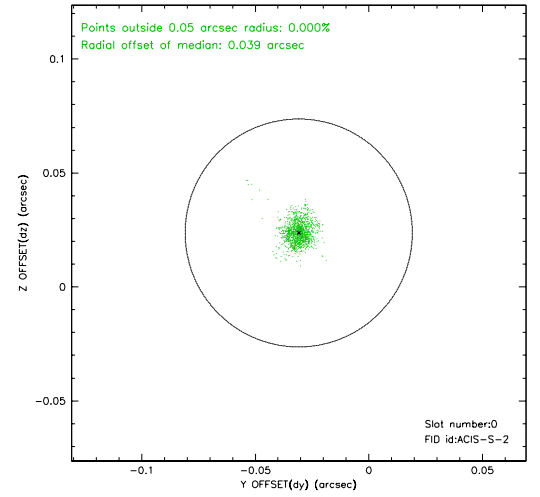
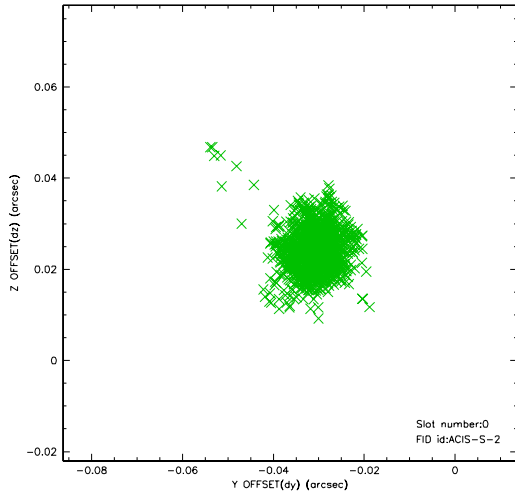


2.4.5 Slot 7

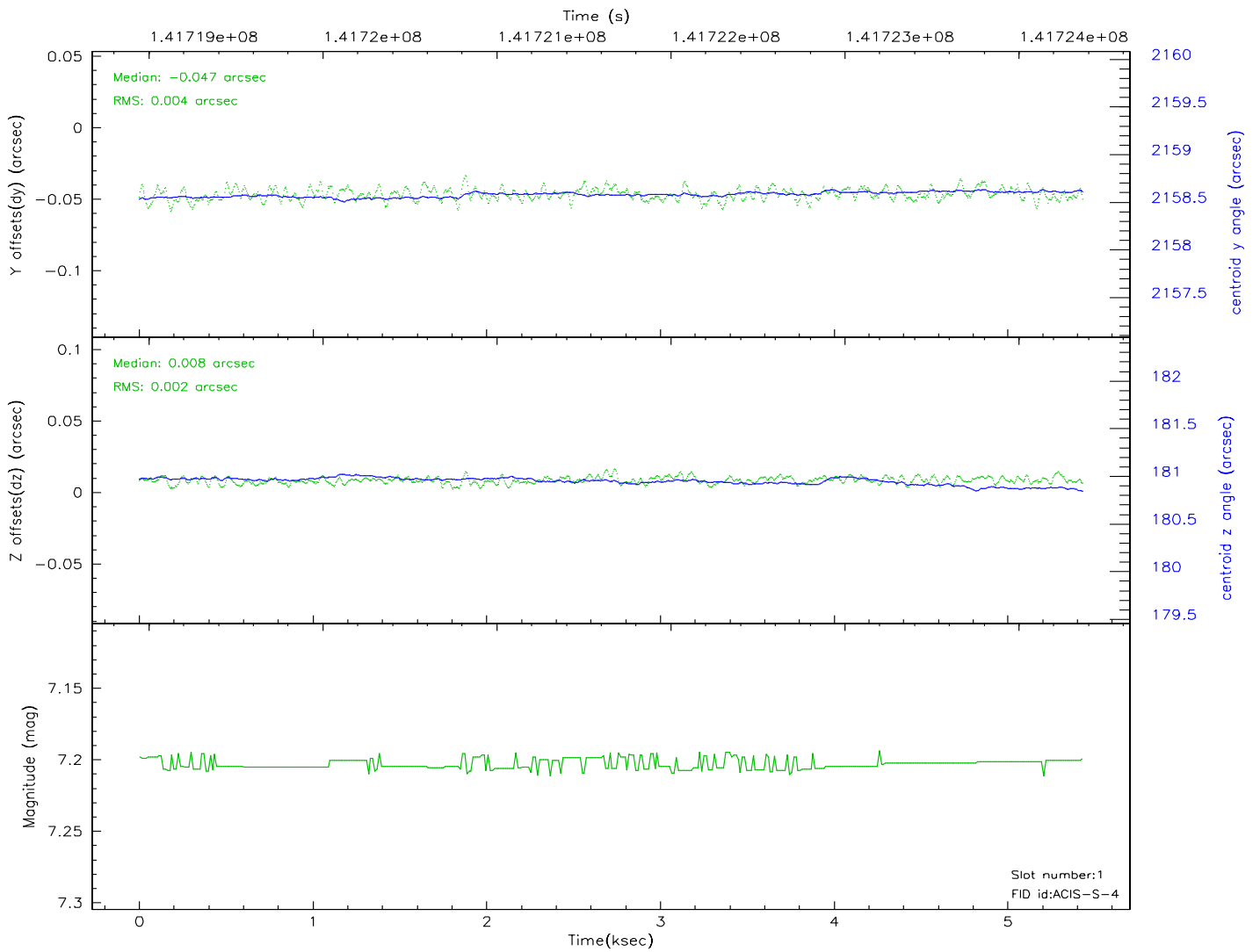
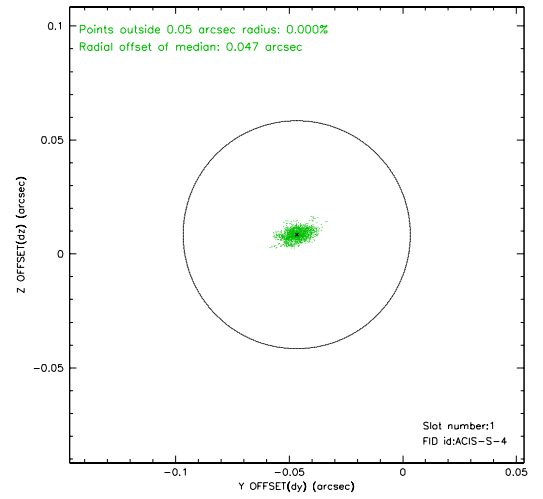
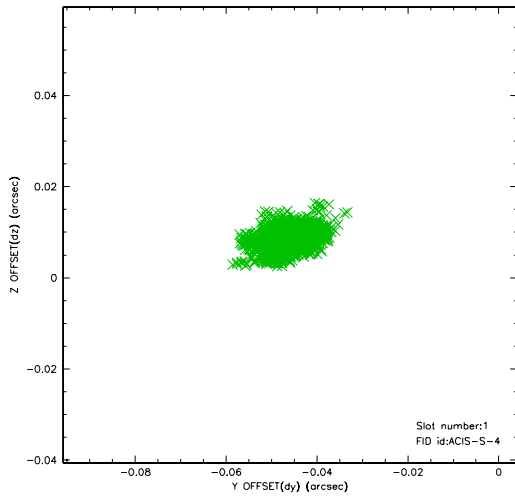


2.5 FID Slots

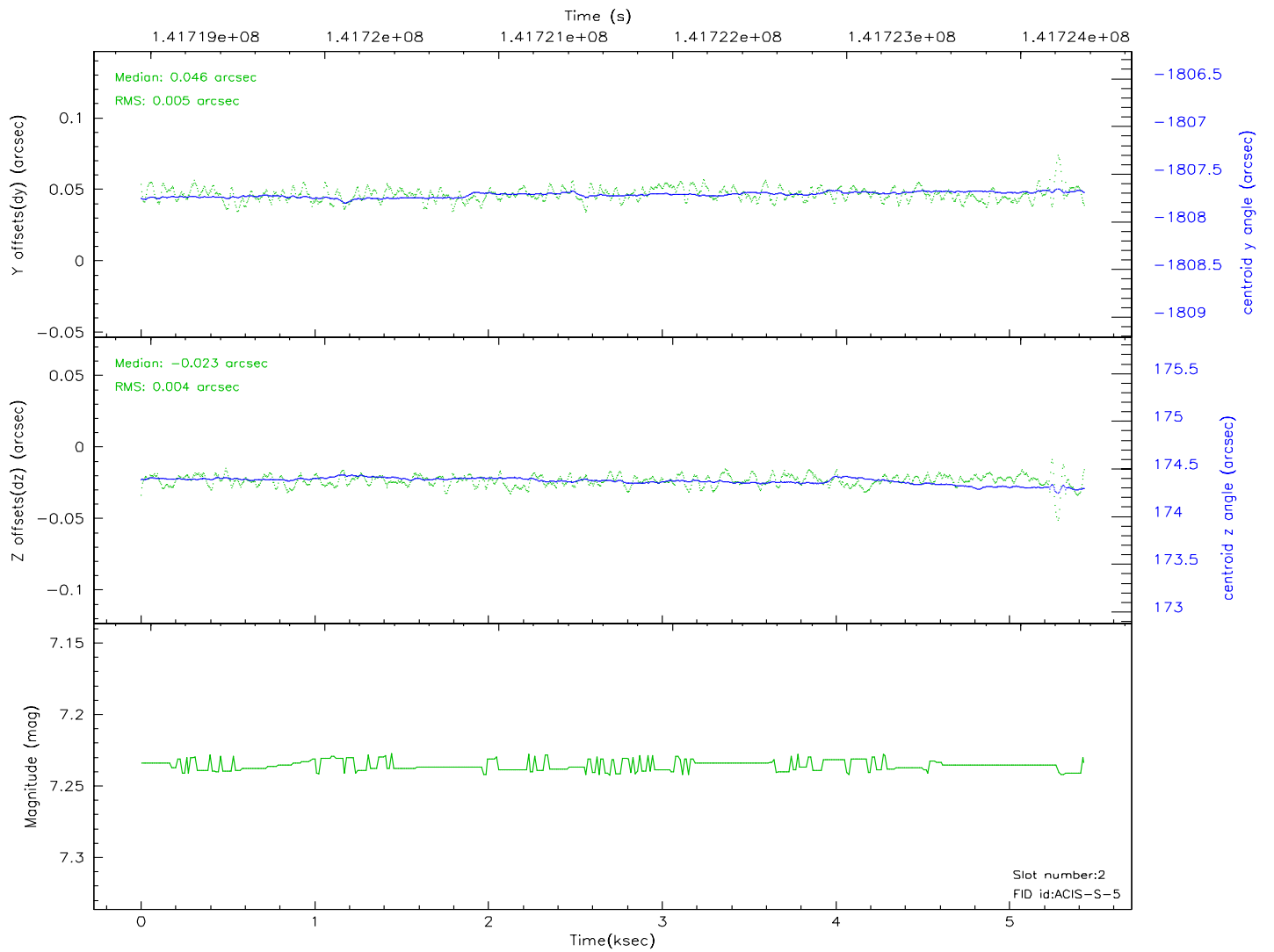
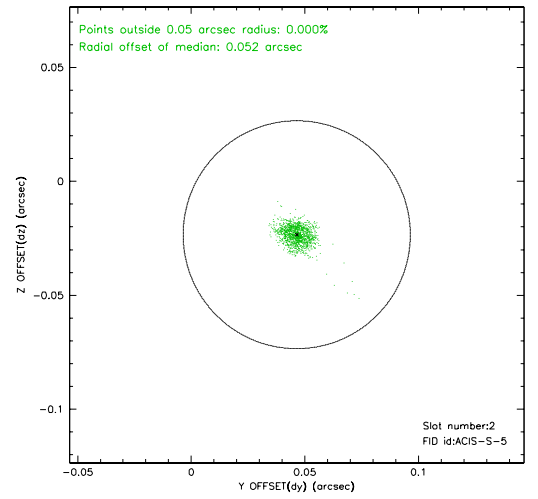
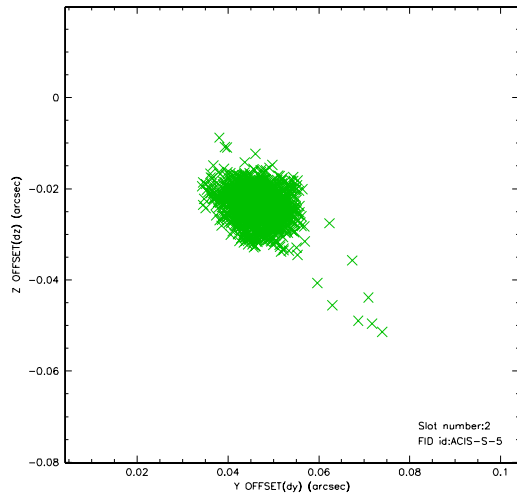
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources

16.83 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.169

A.2 Comments