

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 1662 - L2 Version 001
Chandra X-Ray Center

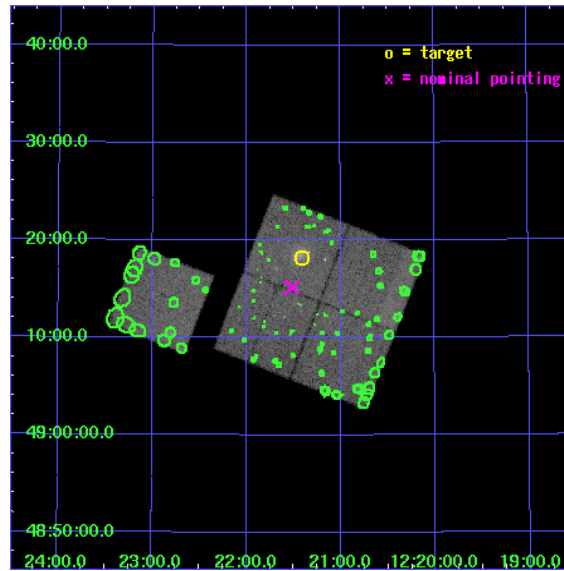
L2 Processing Date : Dec 19 2006

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1 Front

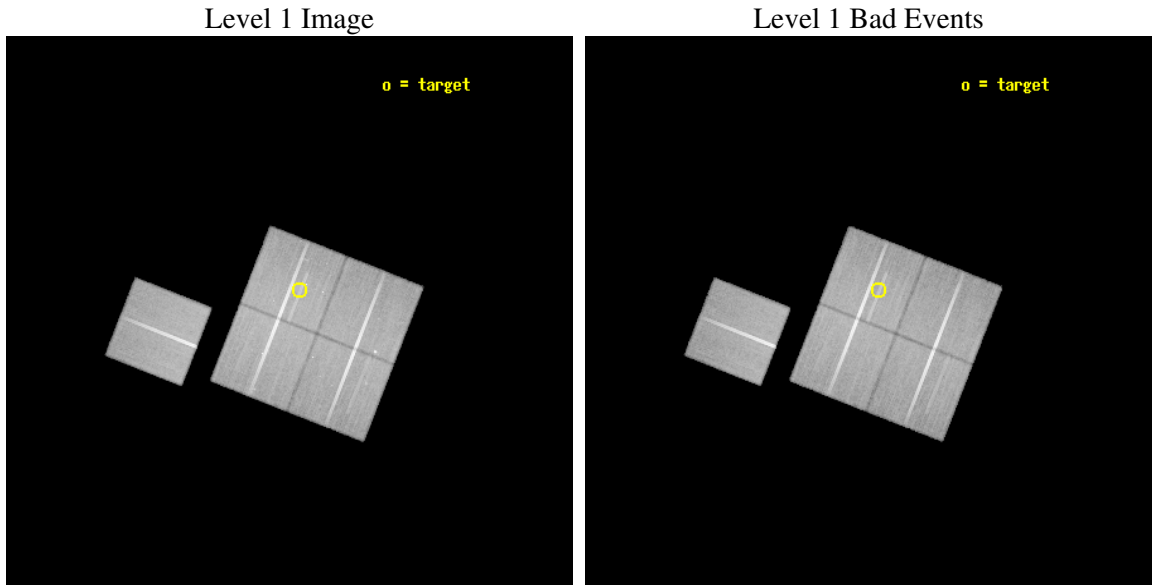
seq_num	800130
obs_id	1662
title	DETERMINATION OF H0 AND Q0, 2000 PART 1
observer	DR. LEON VANSPEYBROECK
object	V 1221+4918
dtcycle	0
cycle	P
ra_targ	185.352083
dec_targ	49.304
ra_nom	185.37967072126
dec_nom	49.252675813192
roll_nom	291.45998517858
revision	2
ontime	80131.736014932
livedtime	79084.755891771
ontime0	80128.595054701
ontime1	80134.876975179
ontime2	80122.313014567
ontime3	80131.736014932
ontime6	80141.158865735
l2events	184937



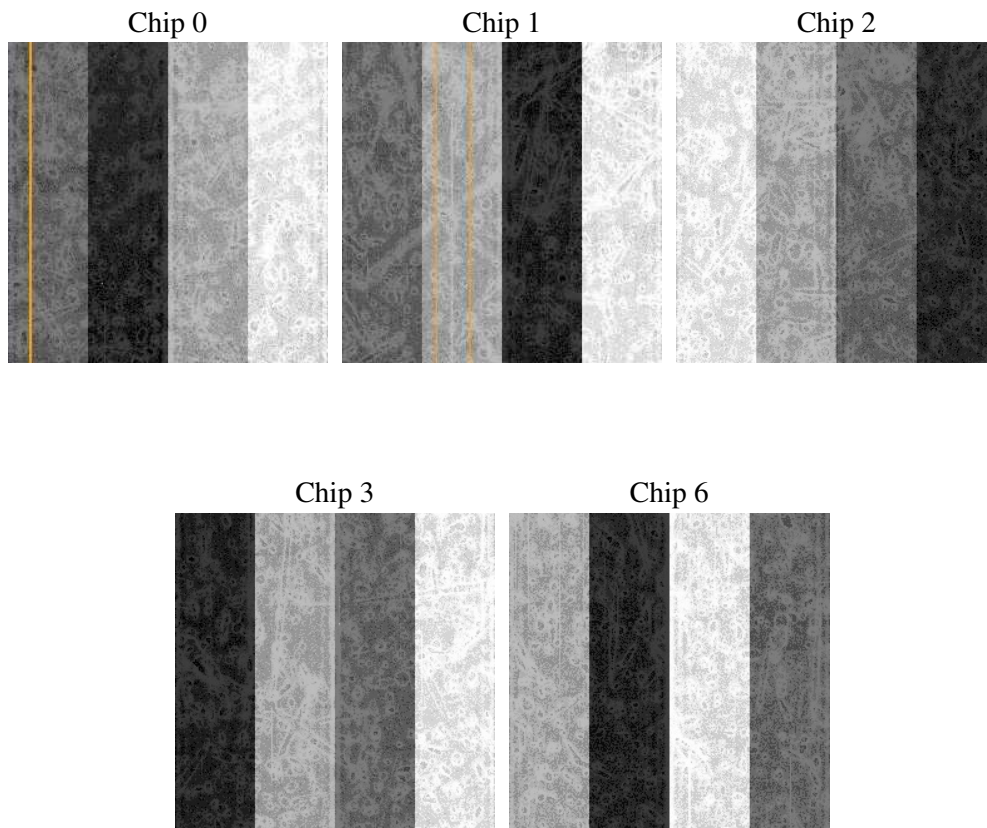
2 OBI

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	2006-12-19T13:06:37
revision	2

sched_exp_time	80000.000000
ontime	81763.32061182
ontime0	81757.038641497
ontime1	81766.461601973
ontime2	81753.897641361
ontime3	81763.32061182
ontime6	81766.461382627
l1events	2266524

2.1.4 Events

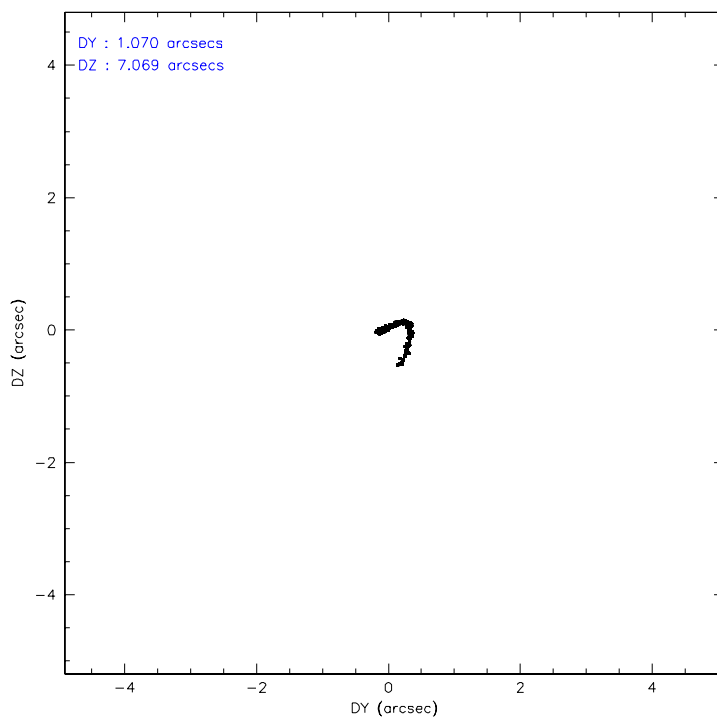
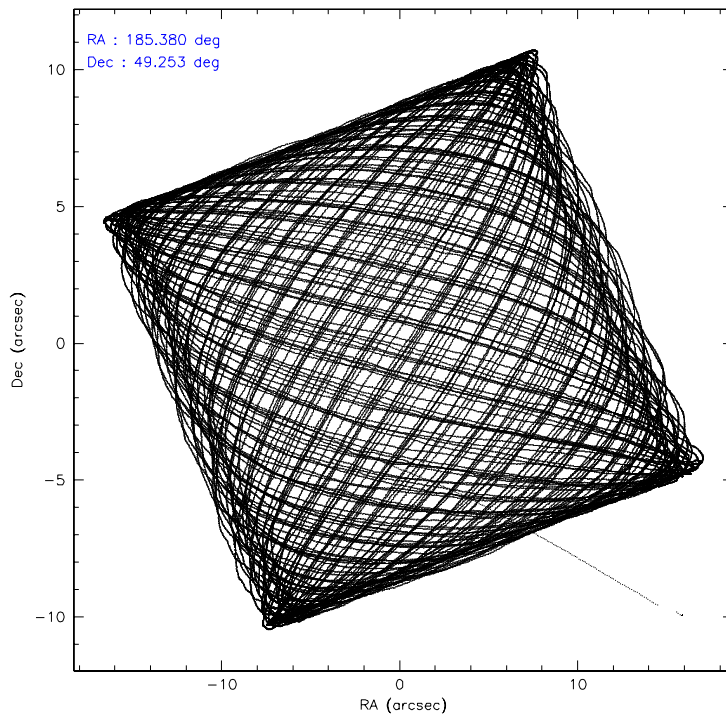
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	429000	429194	479080	475591	453659
rejected events	385508	380322	436629	430116	410511
rejected %	89%	88%	91%	90%	90%

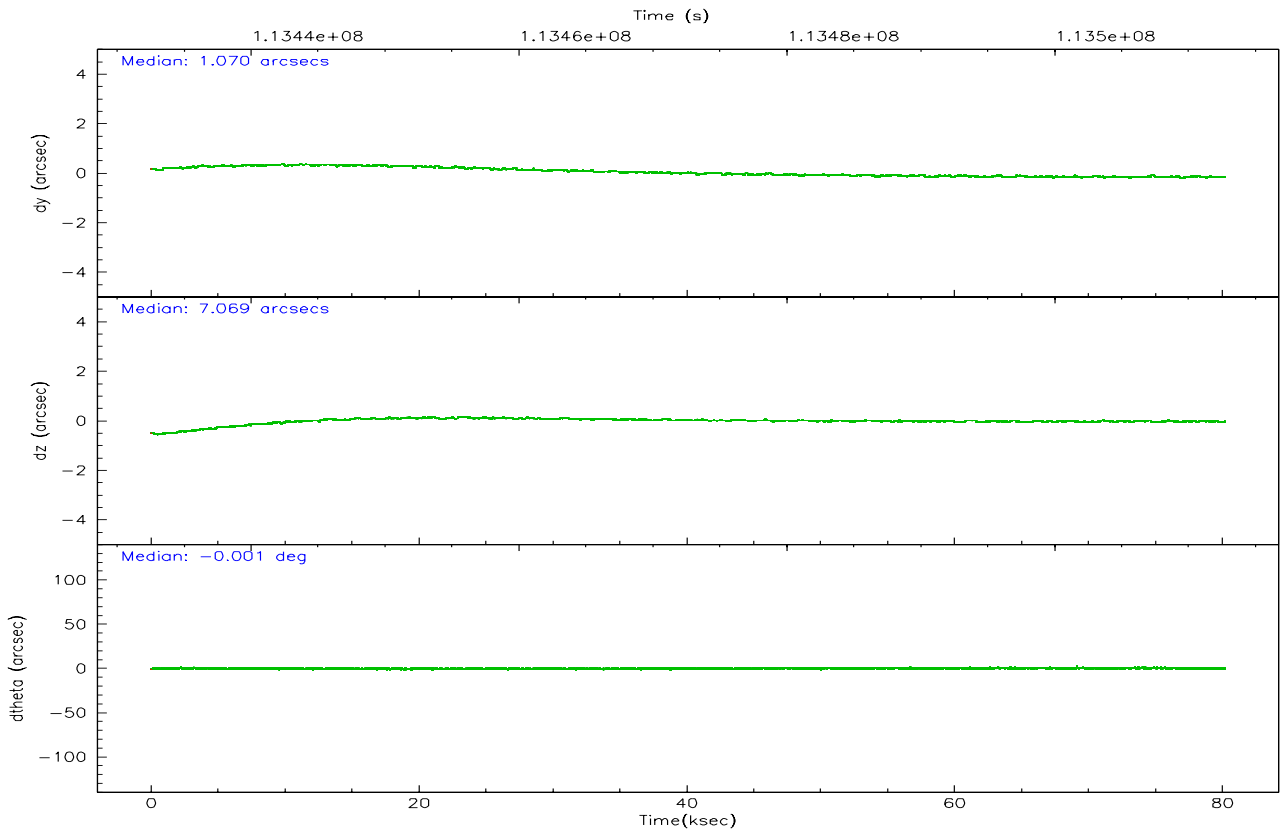
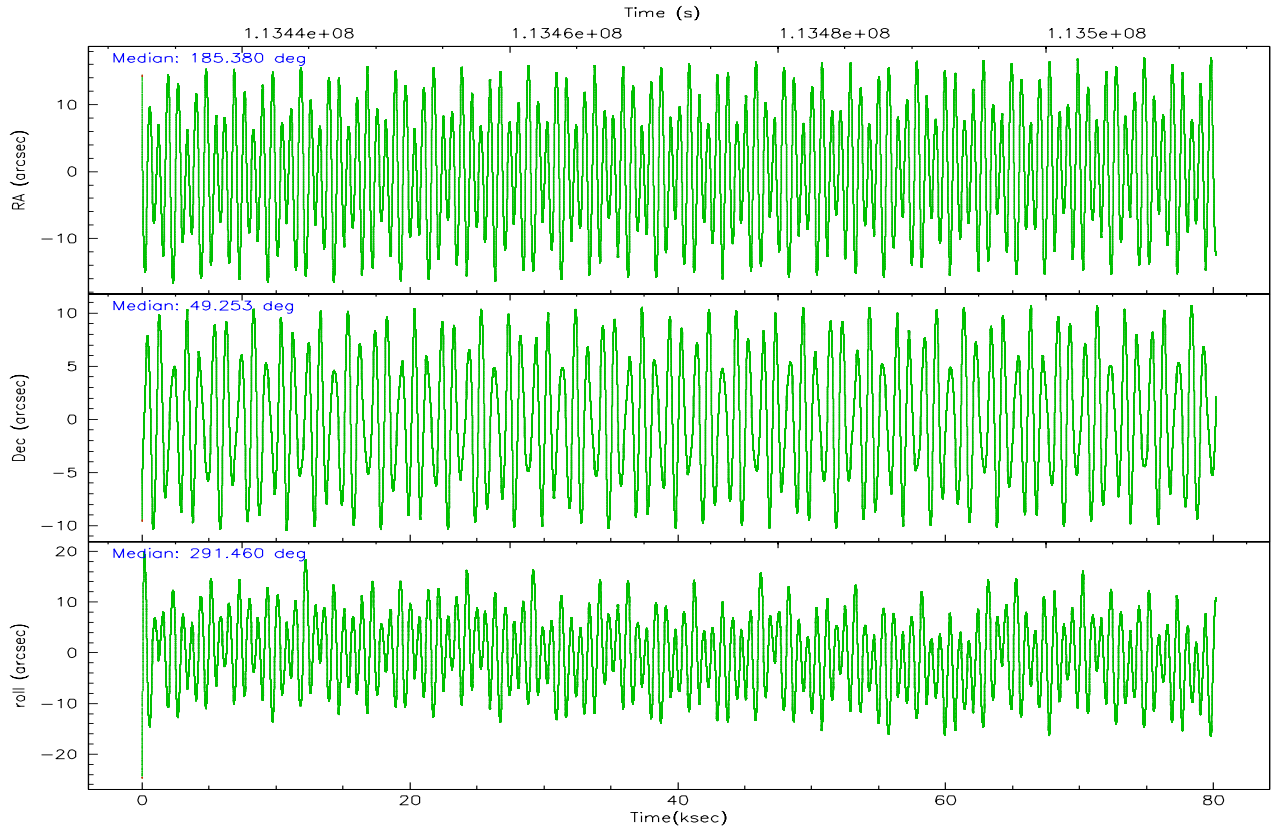
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	15636	18993	15687	18805	15276
	3%	4%	3%	3%	3%
grade 1 events	169	188	174	223	169
	0%	0%	0%	0%	0%
grade 2 events	10020	10090	9919	8962	9160
	2%	2%	2%	1%	2%
grade 3 events	5231	5741	4771	4955	5110
	1%	1%	0%	1%	1%
grade 4 events	4836	5682	4803	4958	5120
	1%	1%	1%	1%	1%
grade 5 events	14174	15501	13316	15283	16293
	3%	3%	2%	3%	3%
grade 6 events	8531	9260	8071	8513	9319
	1%	2%	1%	1%	2%
grade 7 events	370403	363739	422339	413892	393212
	86%	84%	88%	87%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-01236	ACIS-01236	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	185.346759	185.3796707212589	Subarray requested	NONE	NONE
Pointing Dec	49.269739	49.25267581319205	Alternating exposures requested	N	N
Pointing Roll	291.276247	291.4599851785788	Primary exposure time	0.000000	3.1
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-225.840463	-225.8433433320239			
SIM translation stage offset (mm)	-7.752	-7.749109670905796			
Observation start time	113432679.184000	113430813.61557			
Observation start date	2001-08-05T21:03:35	2001-08-05T20:33:33			
Observation end time	113512679.184000	113513715.61884			
Observation end date	2001-08-06T19:16:55	2001-08-06T19:35:15			
Read mode	TIMED	TIMED			

2.3 Aspect



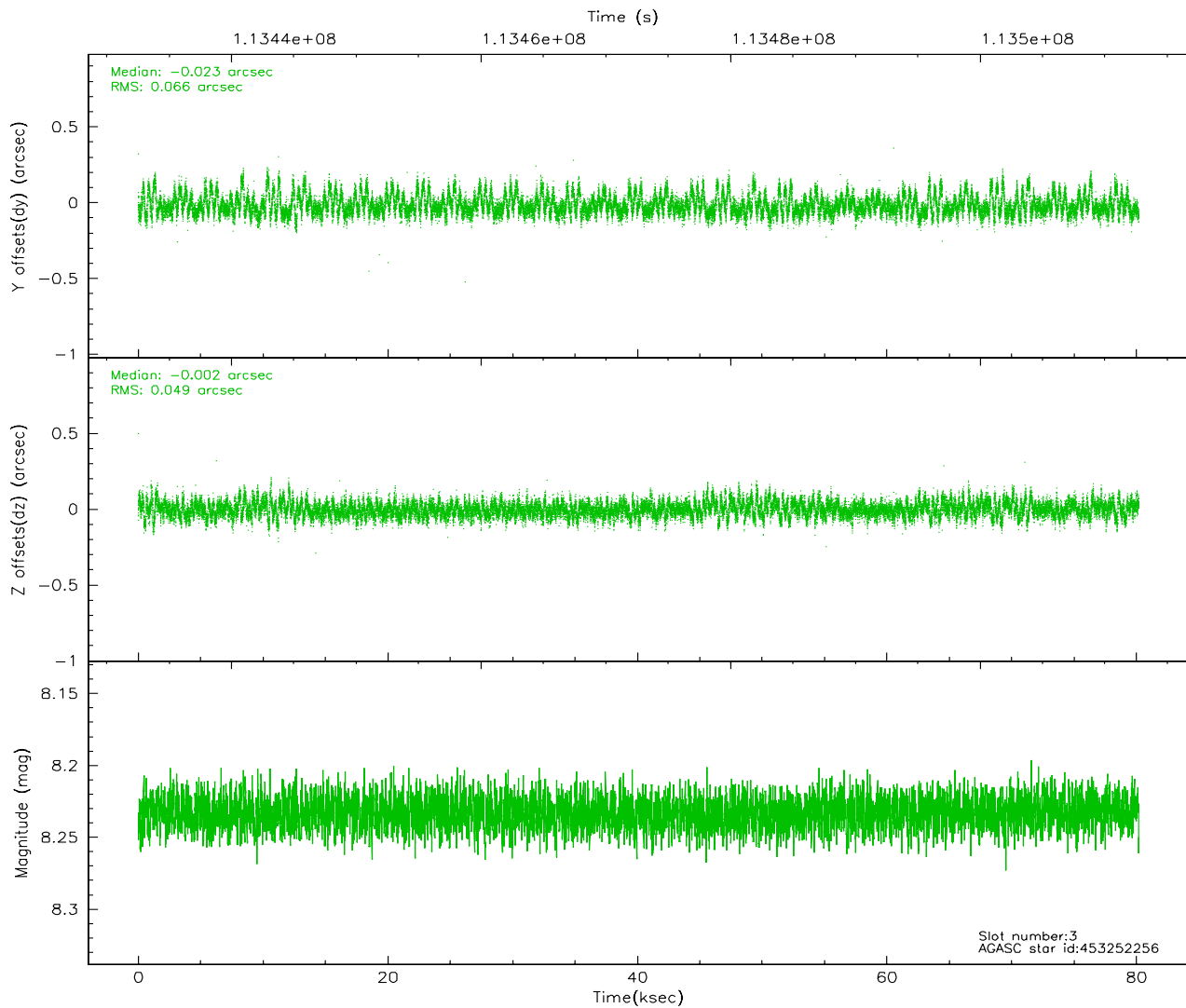
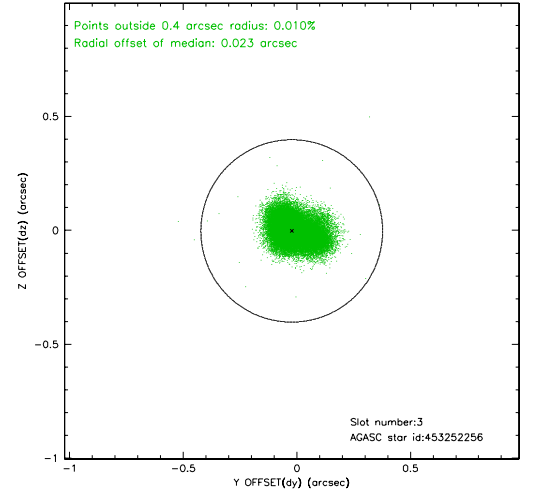
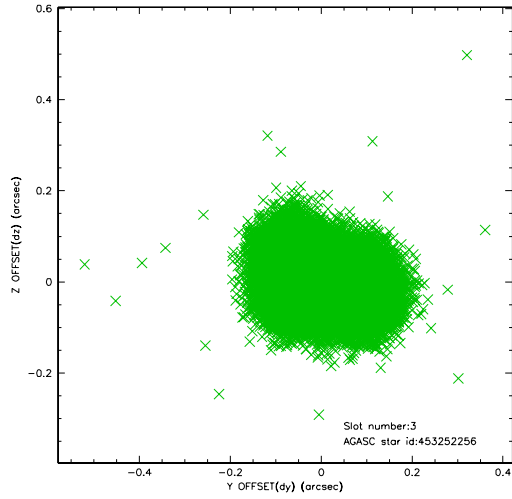


Slot Statistics

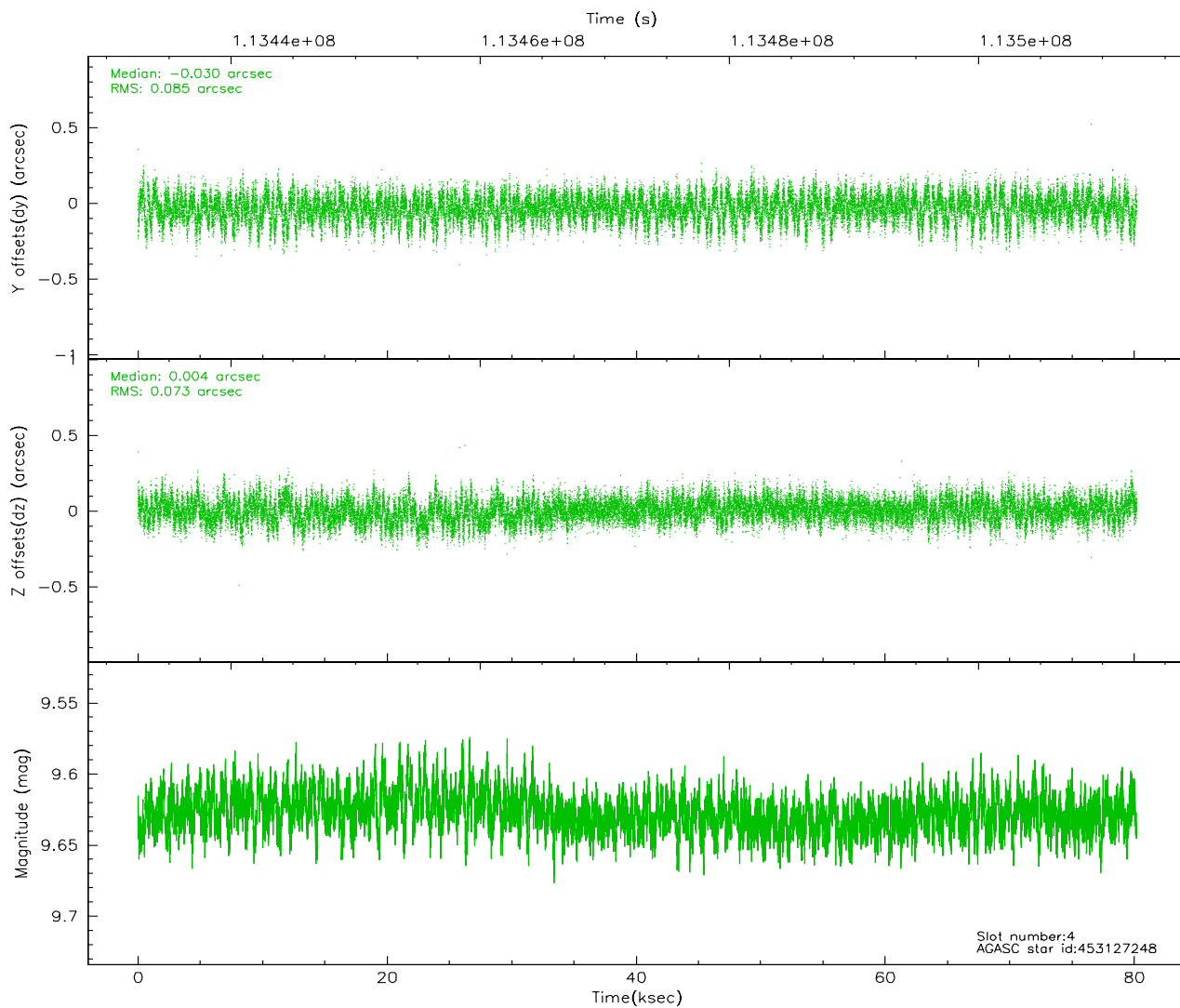
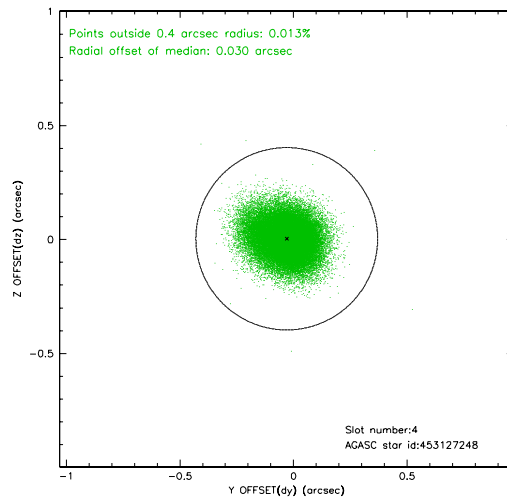
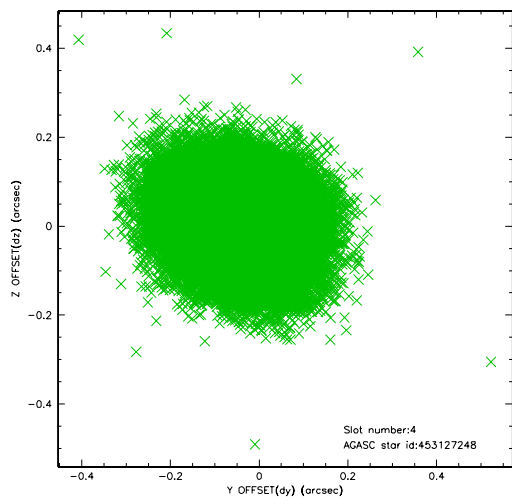
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.23	19560	0.070	0.001	0.007	0.012	0.000000	0.000000	938.63	-989.55
1	FID	ACIS-I-5	7.22	19561	-0.140	0.102	0.007	0.012	0.000000	0.000000	-1809.69	908.12
2	FID	ACIS-I-6	7.27	19561	-0.021	-0.032	0.008	0.014	0.000000	0.000000	404.21	1552.37
3	GUIDE	453252256	8.23	39116	-0.023	-0.002	0.084	0.149	185.768794	48.854866	1752.08	390.84
4	GUIDE	453127248	9.63	39080	-0.030	0.004	0.119	0.194	184.637796	49.595633	-1700.59	-1112.78
5	GUIDE	453129160	10.18	39023	0.112	-0.071	0.140	0.268	184.803064	48.974653	519.71	-1580.87
6	GUIDE	453130664	9.83	39084	-0.064	-0.002	0.131	0.219	185.547504	49.479149	-532.56	711.53
7	GUIDE	453130056	10.20	39096	0.005	0.071	0.193	0.329	184.956353	49.734872	-1892.00	-237.69

2.4 Star Slots

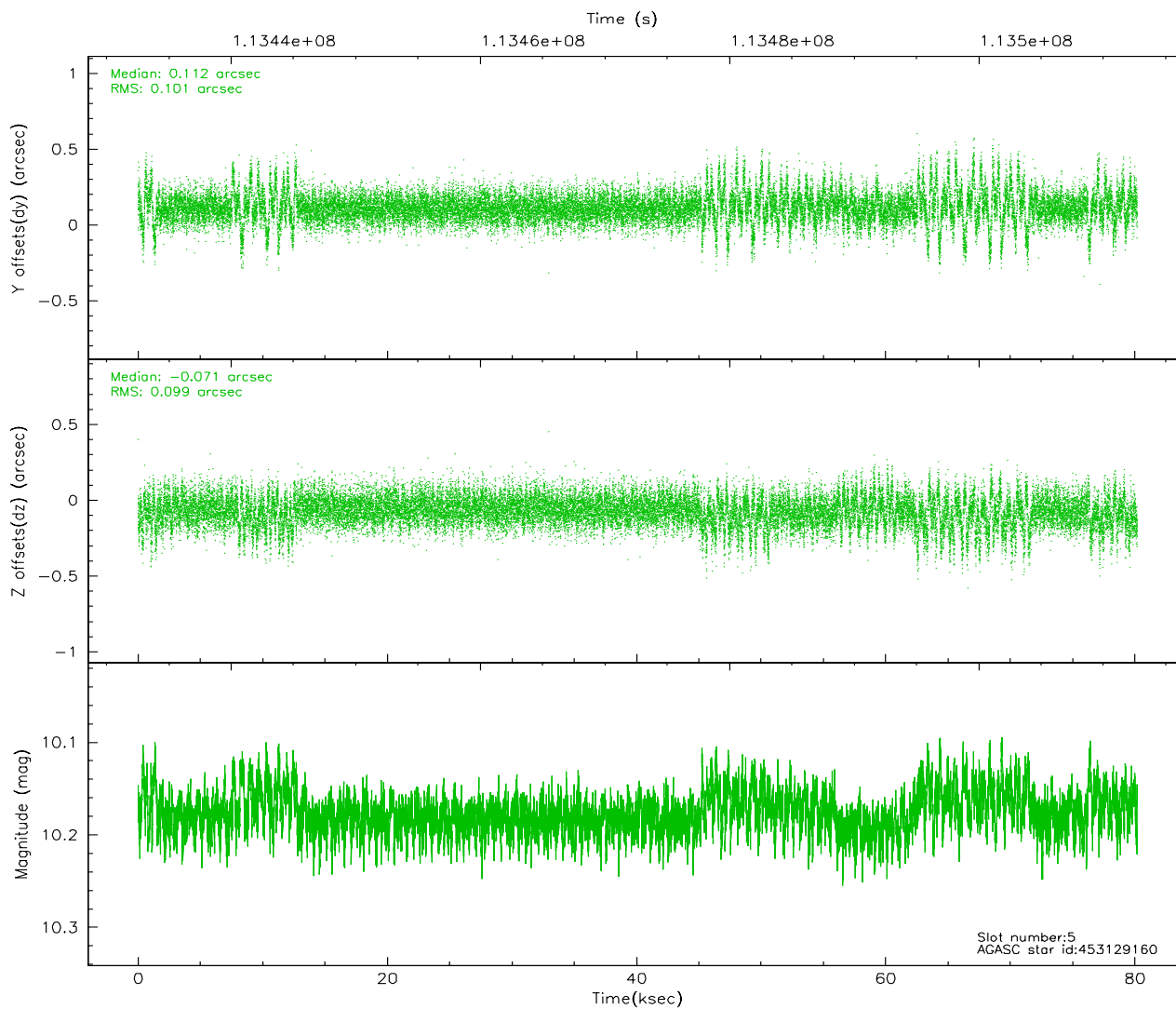
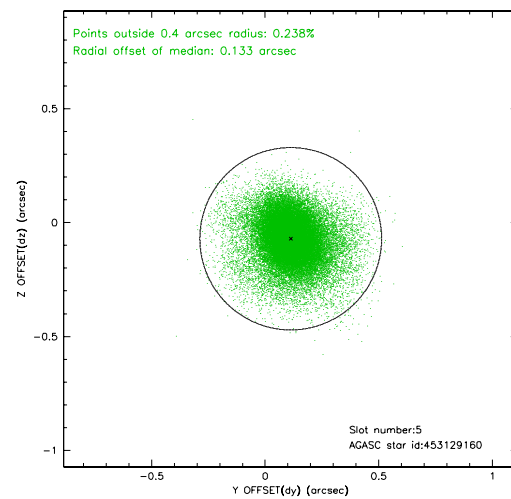
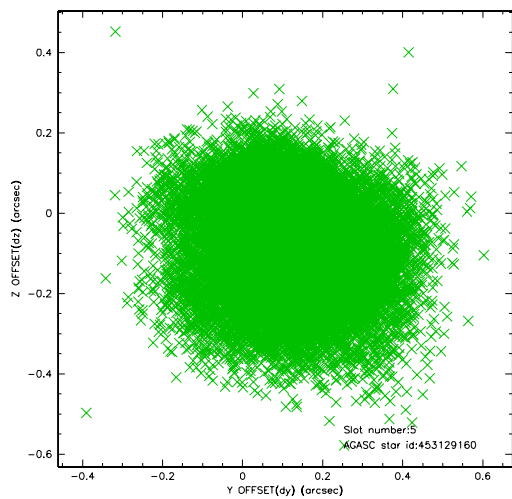
2.4.1 Slot 3



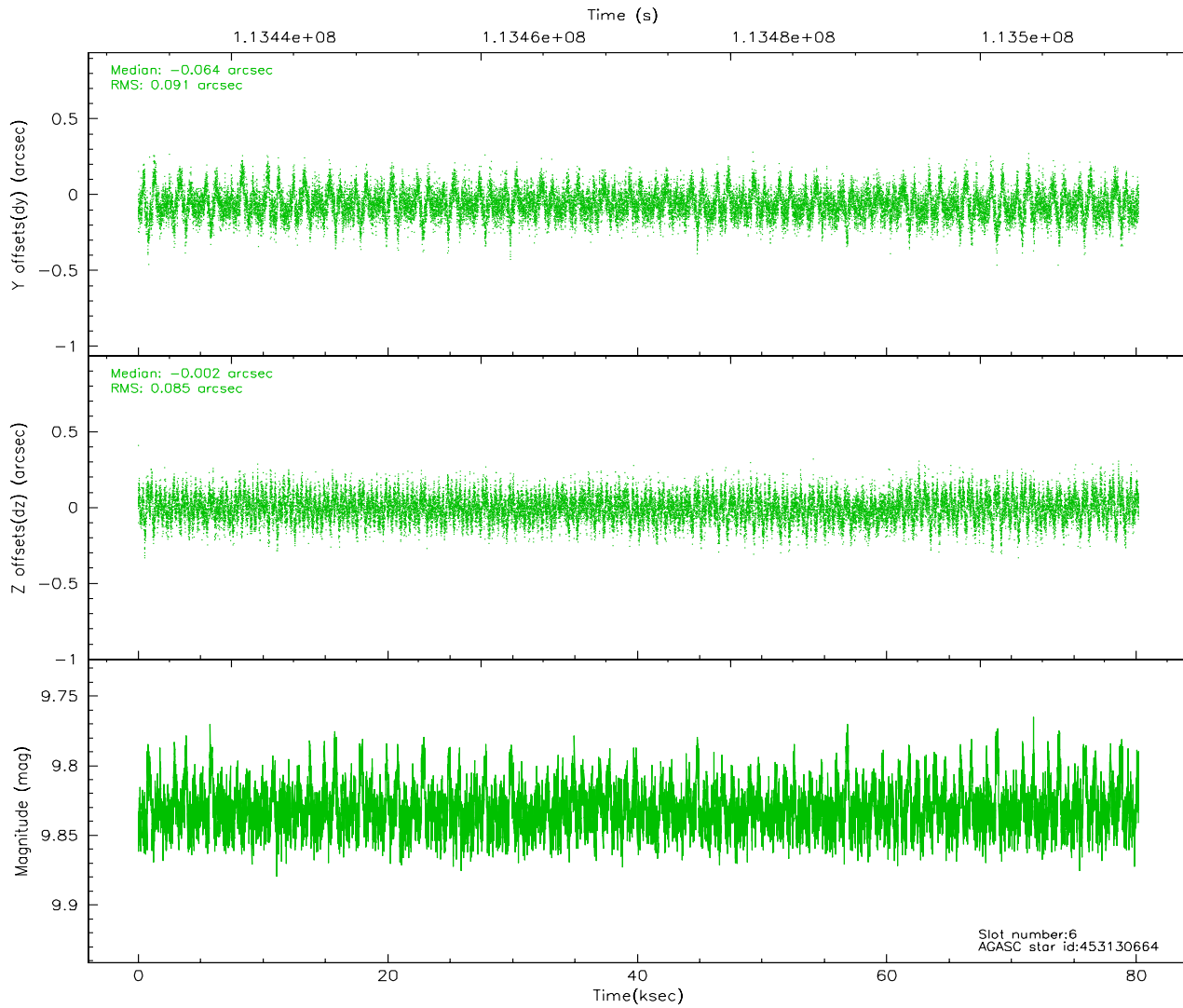
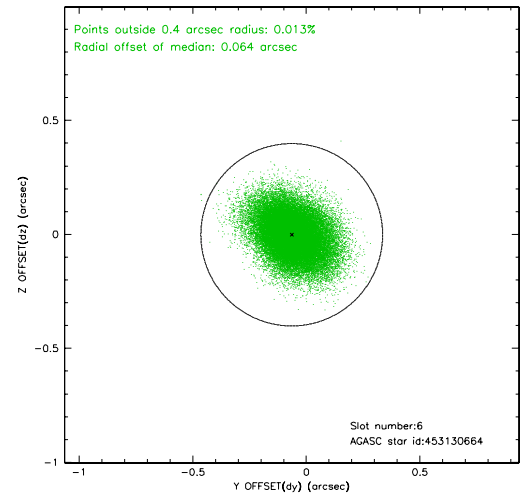
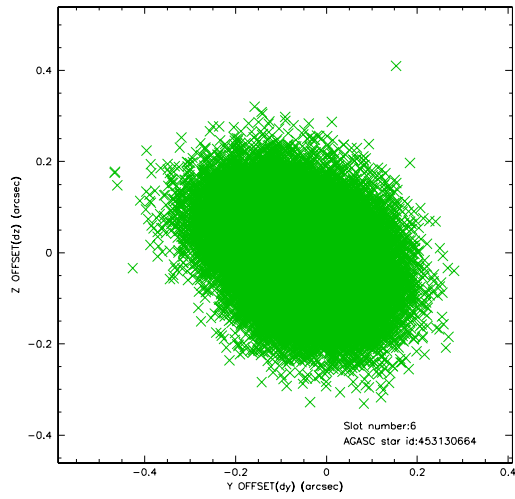
2.4.2 Slot 4



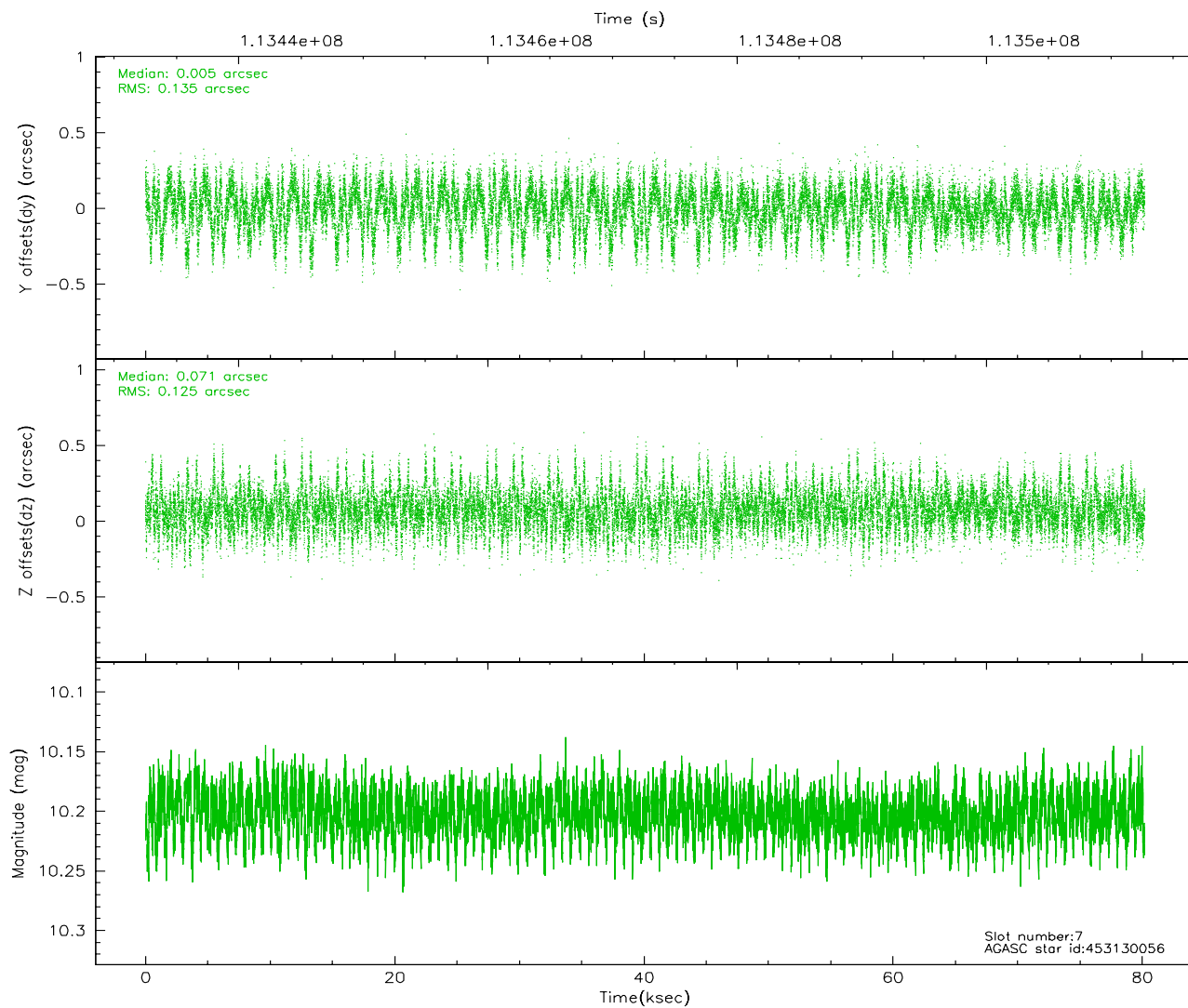
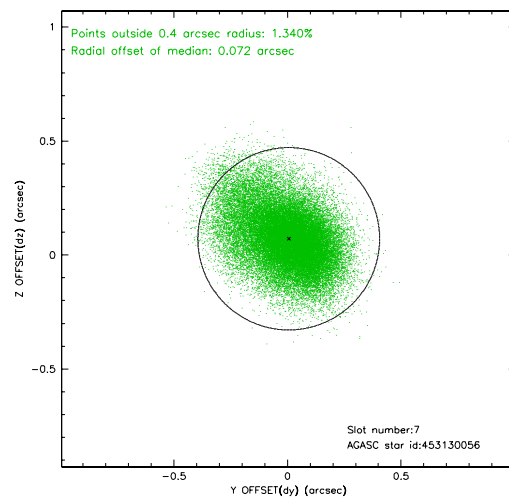
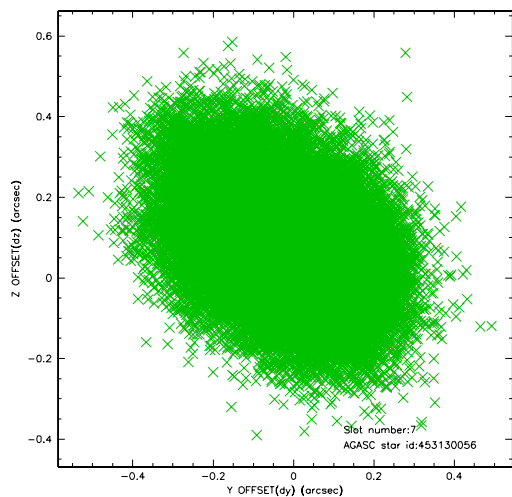
2.4.3 Slot 5



2.4.4 Slot 6

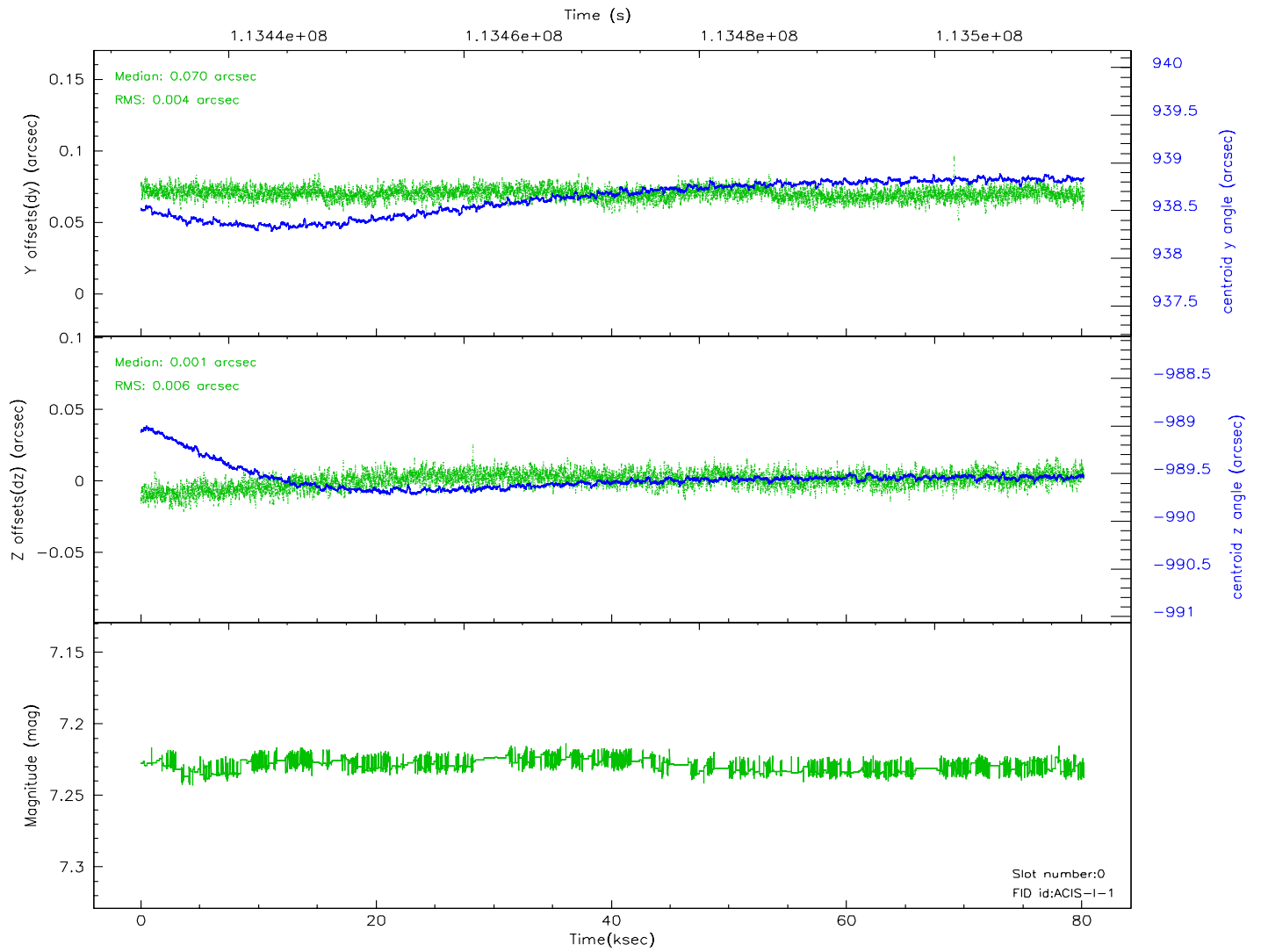
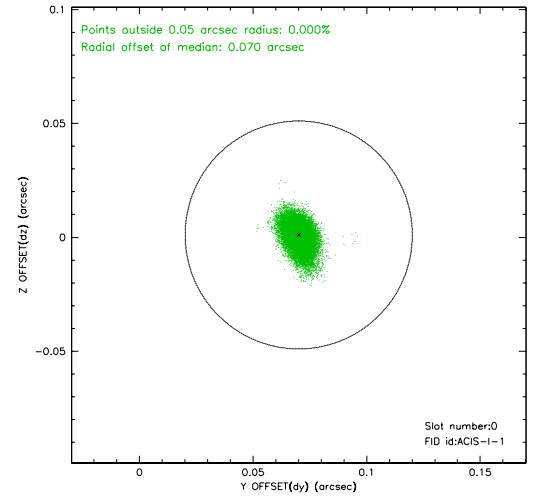
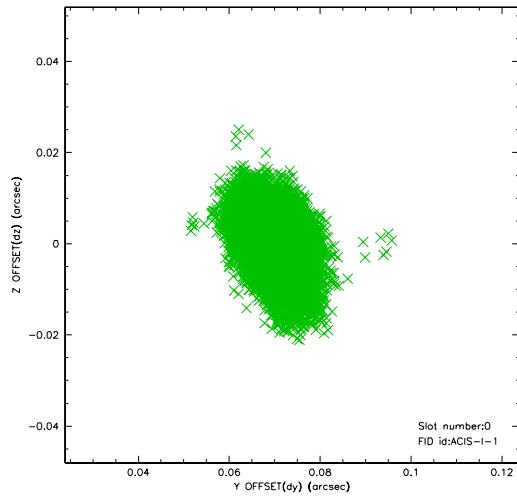


2.4.5 Slot 7

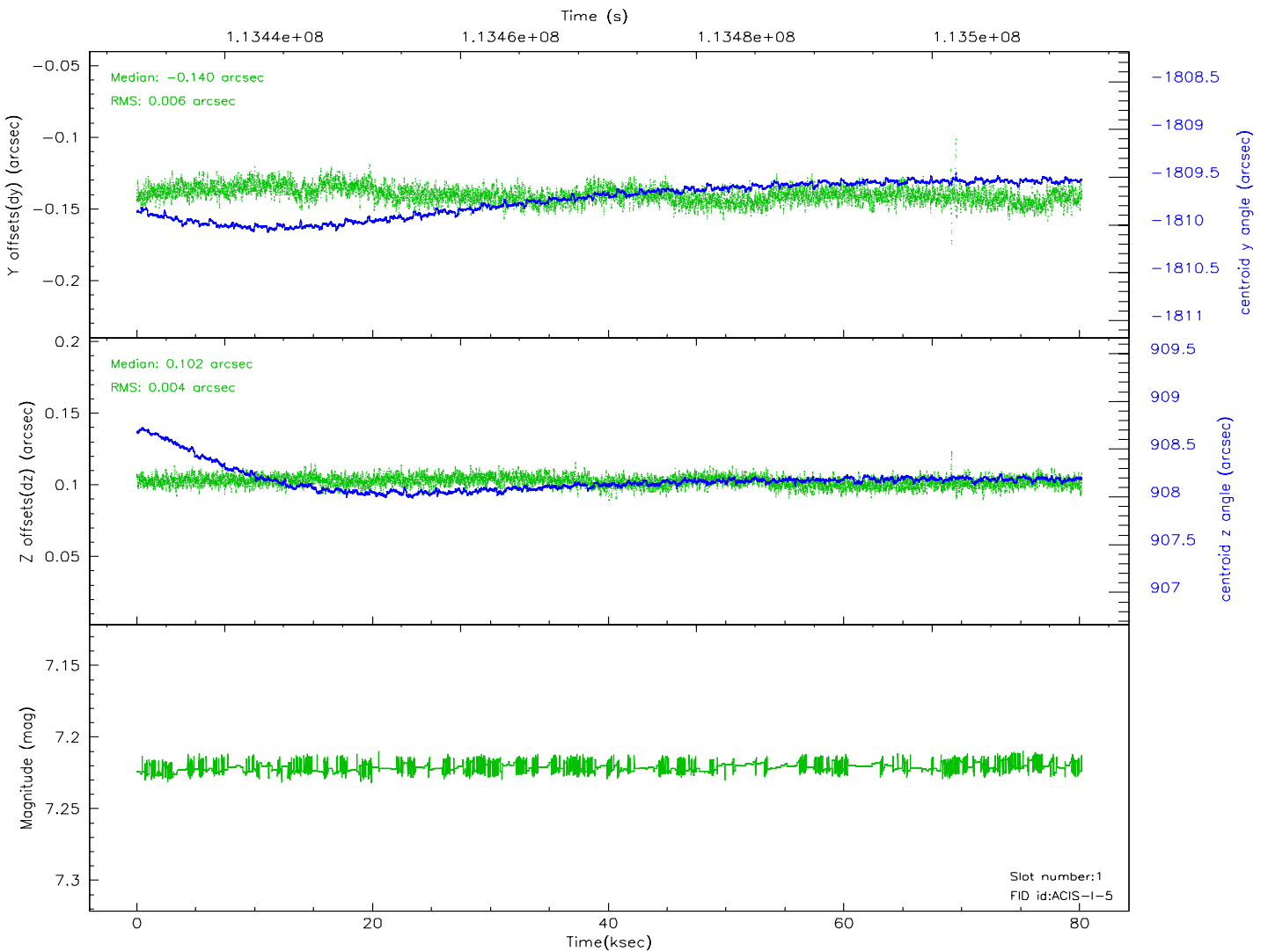
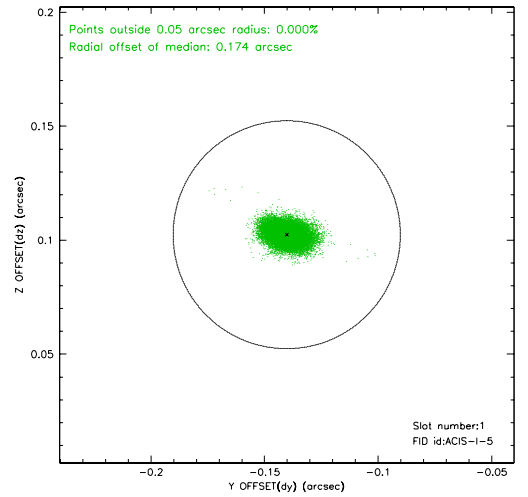
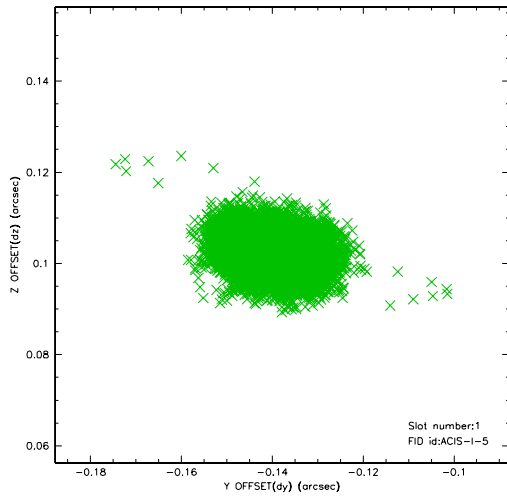


2.5 FID Slots

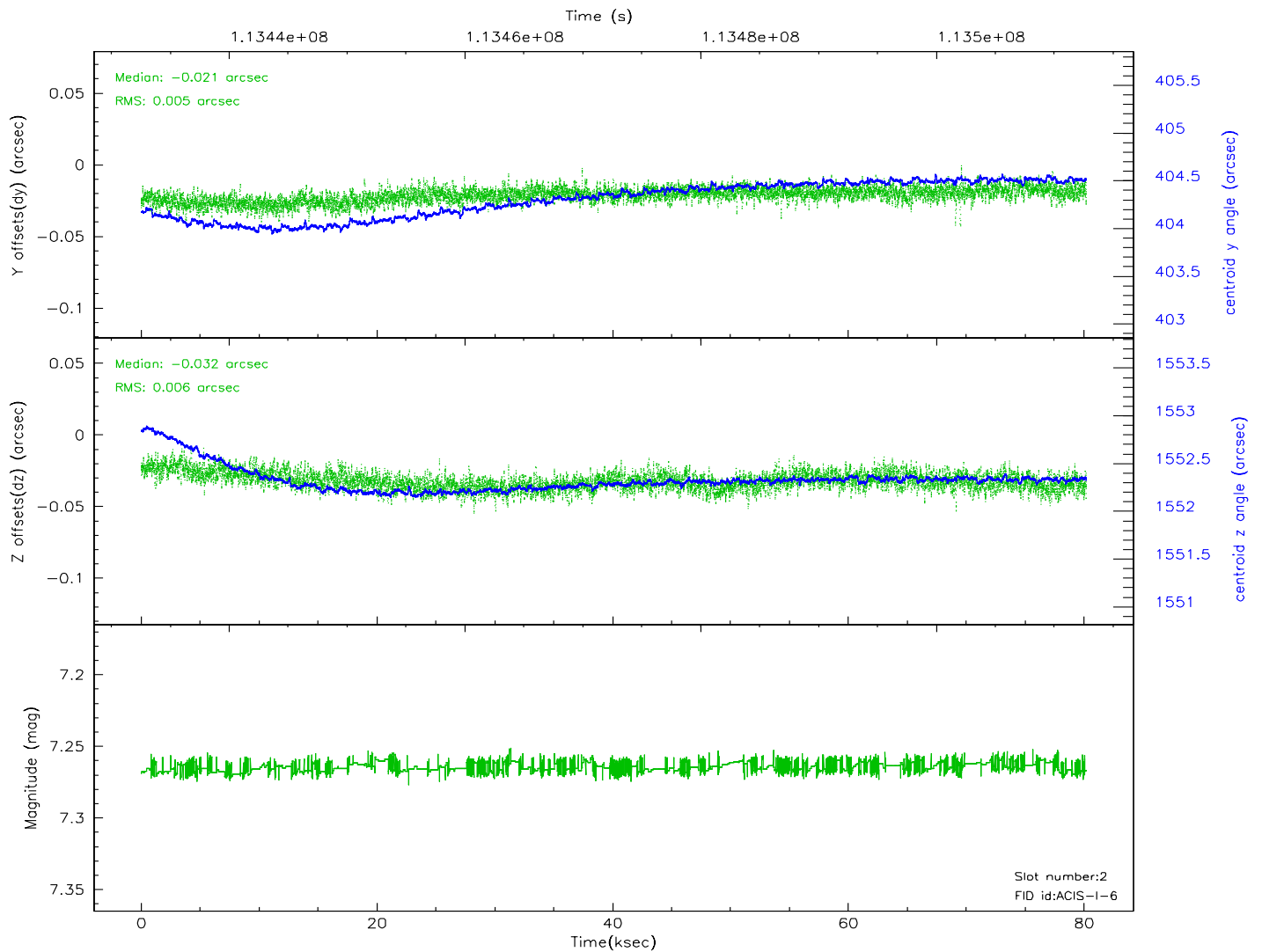
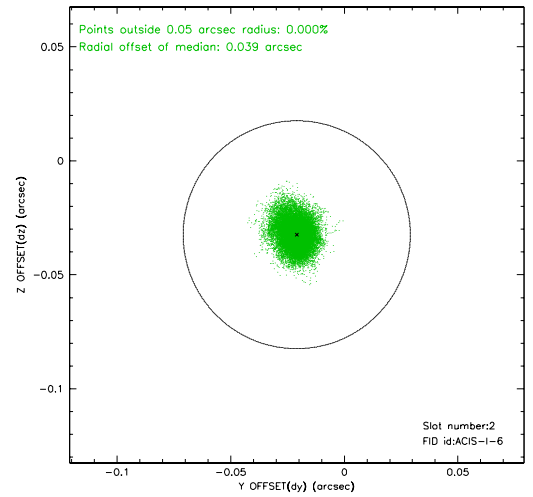
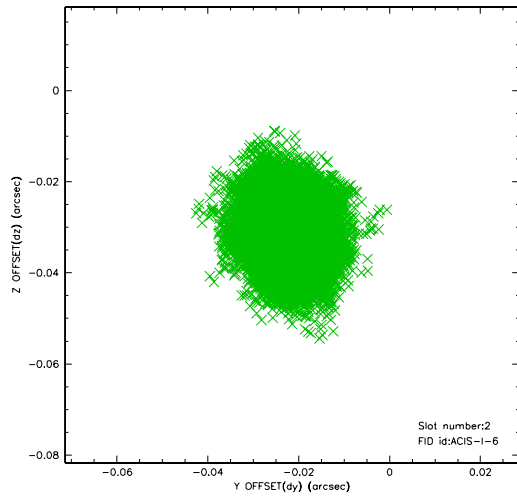
2.5.1 Slot 0



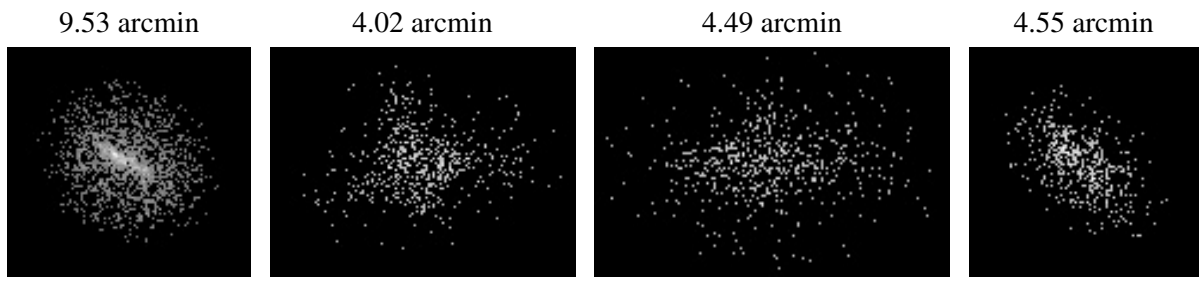
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	80.132

A.2 Comments