

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3437 - L2 Version 001
Chandra X-Ray Center

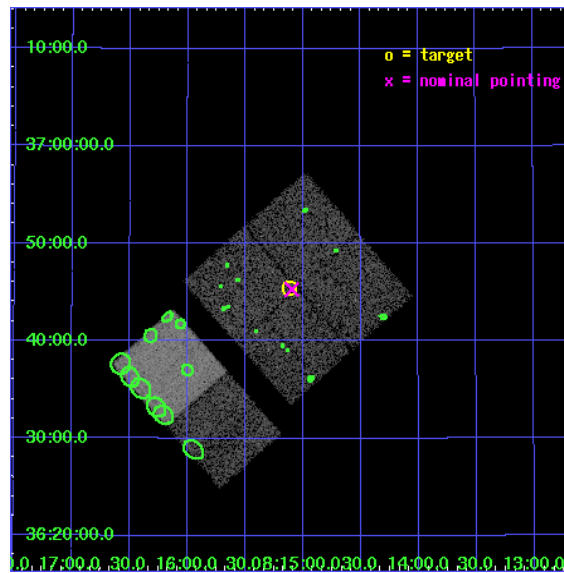
L2 Processing Date : Aug 31 2006

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

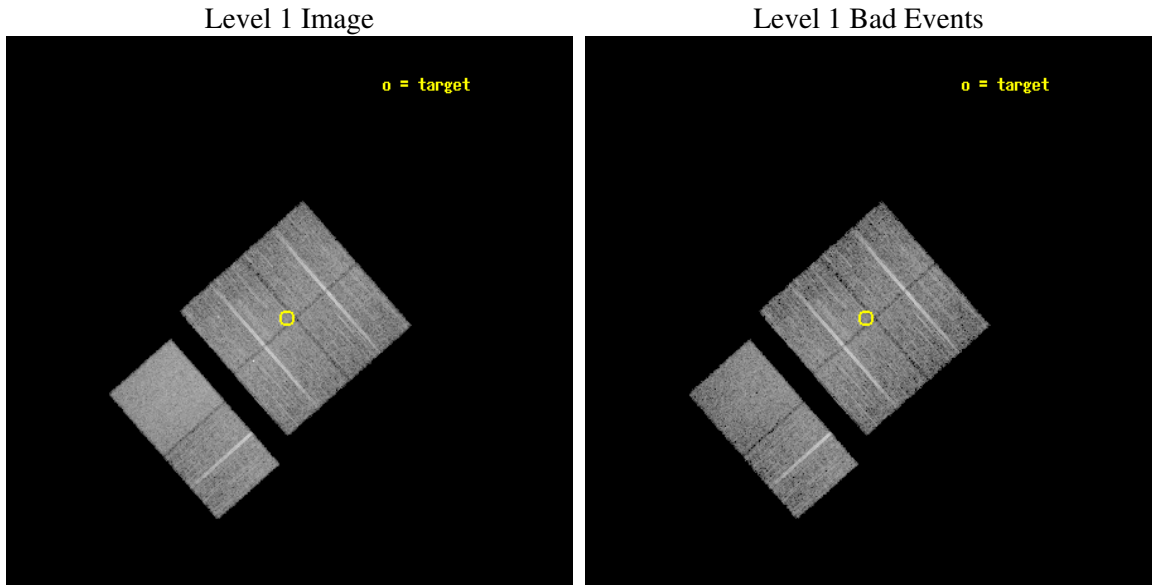
seq_num	500287
obs_id	3437
title	CHANDRA IDENTIFICATION OF THE X-RAY COUNTERPART OF GRB020127
observer	Dr Derek Fox
object	GRB020127
dtcycle	0
cycle	P
ra_targ	123.77925
dec_targ	36.757139
ra_nom	123.77396027989
dec_nom	36.755133339539
roll_nom	228.57903445411
revision	2
ontime	10060.759049118
livetime	9933.3636601758
ontime0	10064.000009373
ontime1	10064.000009373
ontime2	10064.000009373
ontime3	10060.759049118
ontime6	10064.000009373
ontime7	10064.000009373
l2events	67177



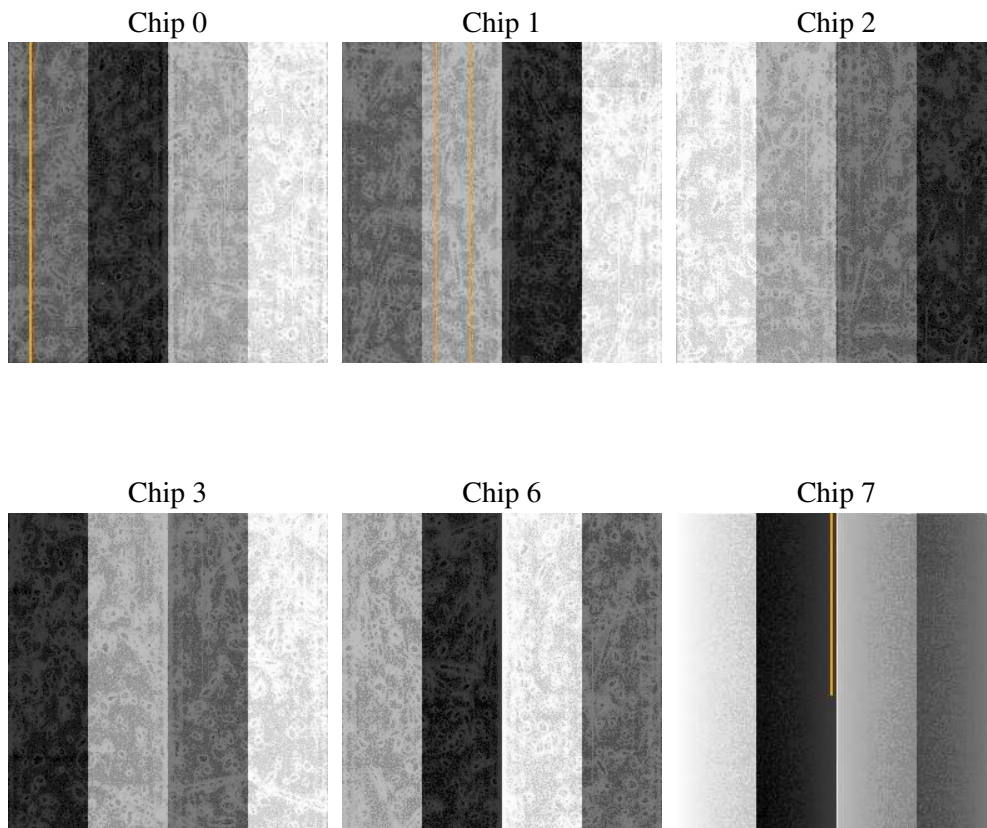
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-31T21:39:22
revision	2

sched_exp_time	10000.000000
ontime	10384.168599069
ontime0	10387.409559324
ontime1	10387.409559324
ontime2	10387.409559324
ontime3	10384.168599069
ontime6	10387.409559324
ontime7	10387.409559324
l1events	430453

2.1.4 Events

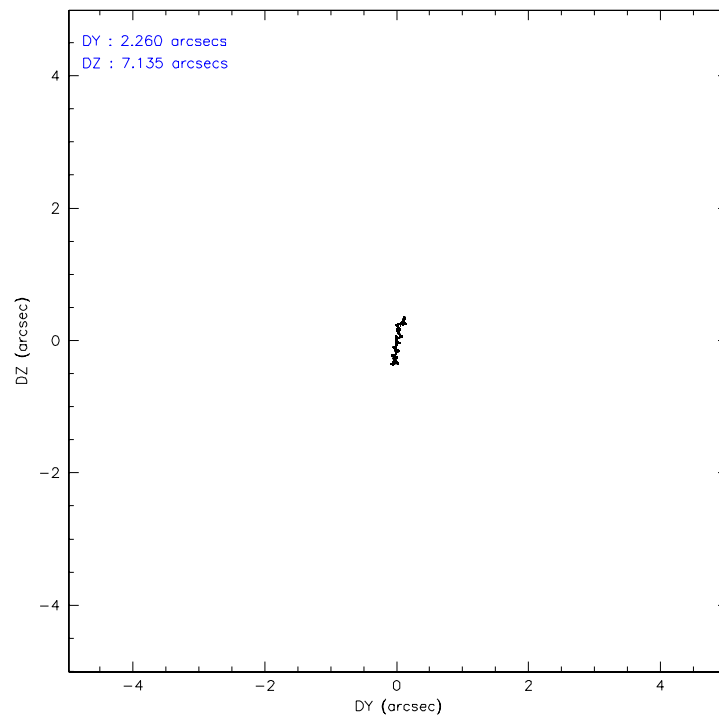
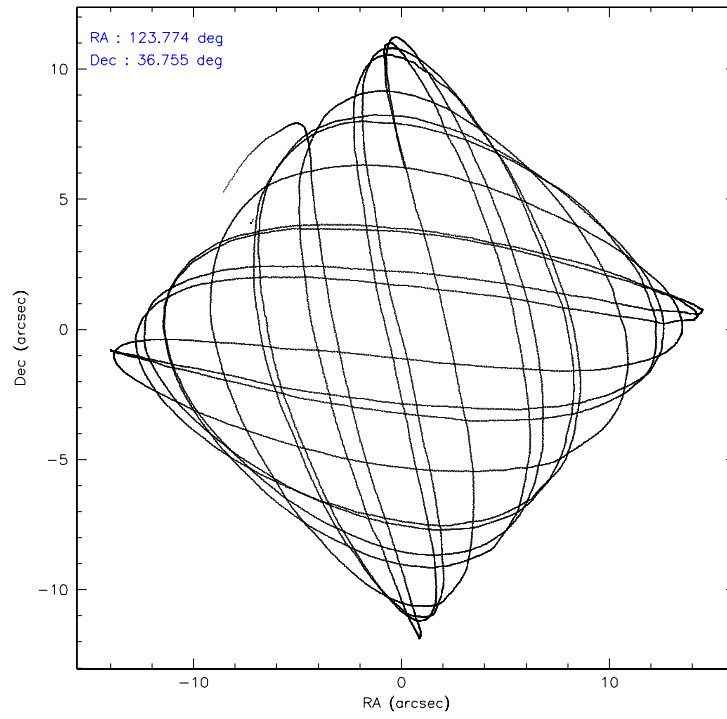
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	63073	64629	70580	70309	70610	91252
rejected events	55172	56392	62443	62447	62972	57376
rejected %	87%	87%	88%	88%	89%	62%

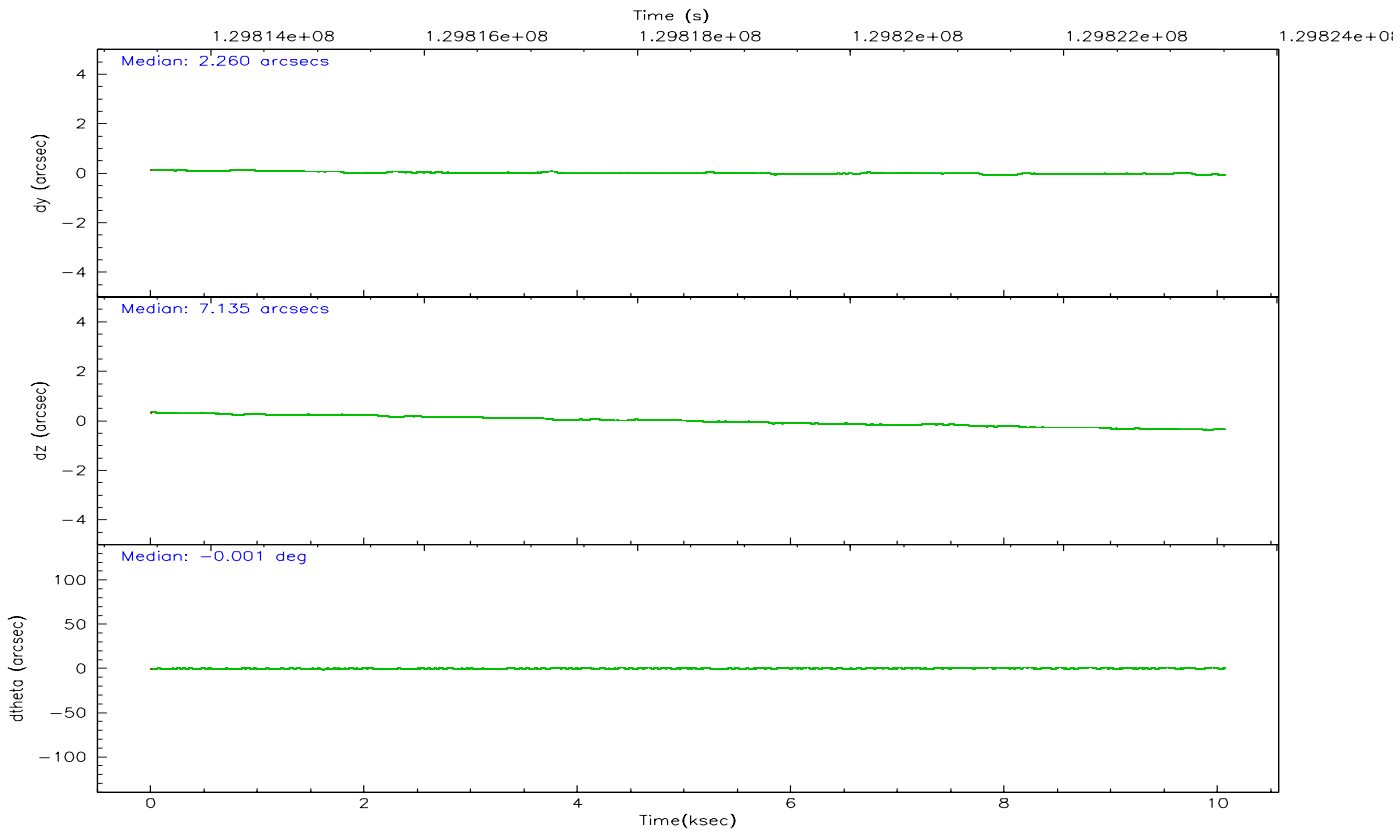
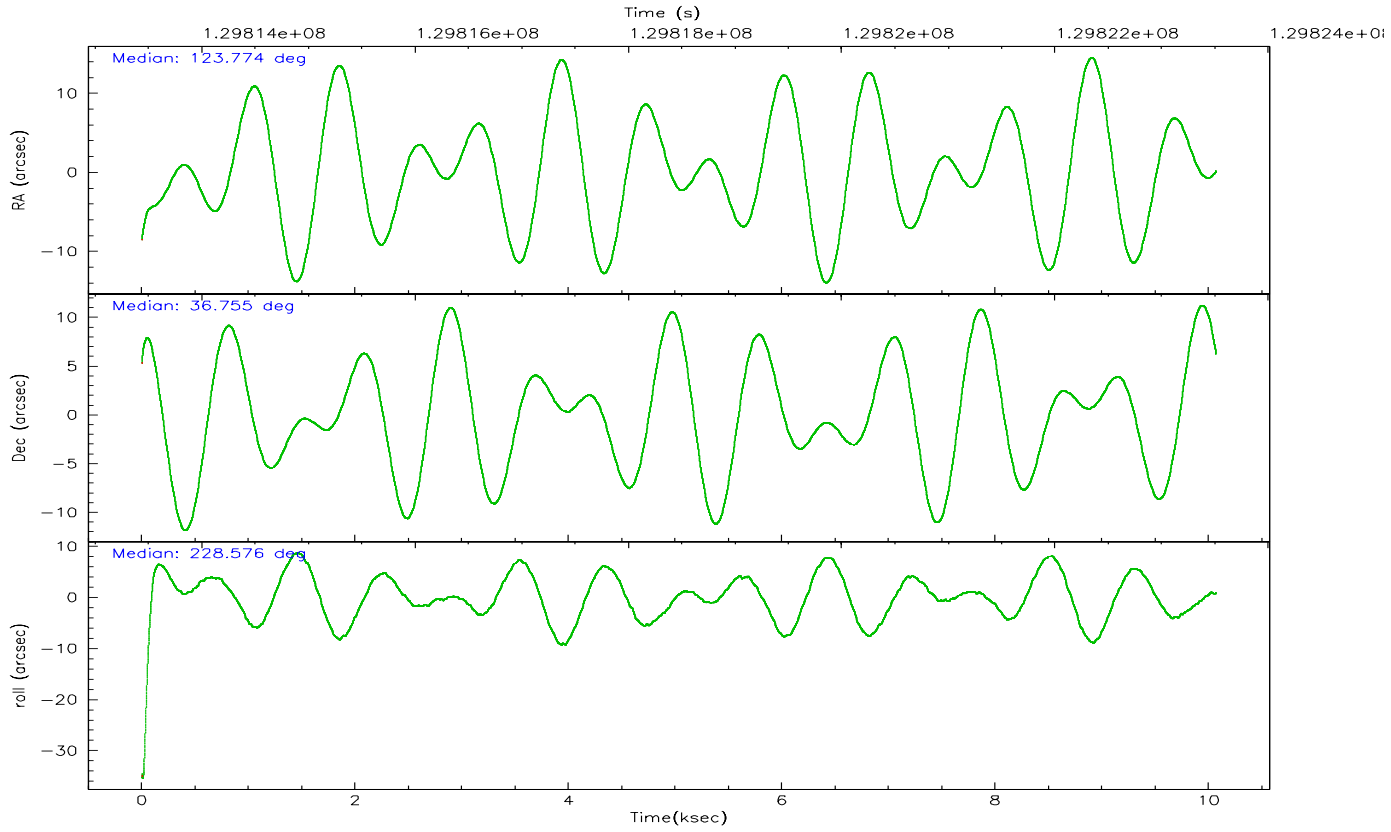
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	3376	3313	3744	3570	3111	2010
	5%	5%	5%	5%	4%	2%
grade 1 events	31	31	29	35	31	49
	0%	0%	0%	0%	0%	0%
grade 2 events	1834	1761	1793	1634	1604	8413
	2%	2%	2%	2%	2%	9%
grade 3 events	793	869	766	725	781	1832
	1%	1%	1%	1%	1%	2%
grade 4 events	776	874	698	769	757	1857
	1%	1%	0%	1%	1%	2%
grade 5 events	2558	2749	2484	2731	3132	6279
	4%	4%	3%	3%	4%	6%
grade 6 events	1355	1674	1398	1400	1630	20772
	2%	2%	1%	1%	2%	22%
grade 7 events	52350	53358	59668	59445	59564	50040
	82%	82%	84%	84%	84%	54%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	123.780666	123.7739602798874	Alternating exposures requested	N	N
Pointing Dec	36.781994	36.75513333953855	Primary exposure time	0.000000	3.2
Pointing Roll	228.366381	228.5790344541146			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	129813514.184000	129812391.94356			
Observation start date	2002-02-11T11:17:30	2002-02-11T10:59:51			
Observation end time	129823514.184000	129824444.91905			
Observation end date	2002-02-11T14:04:10	2002-02-11T14:20:44			
Read mode	TIMED	TIMED			

2.3 Aspect



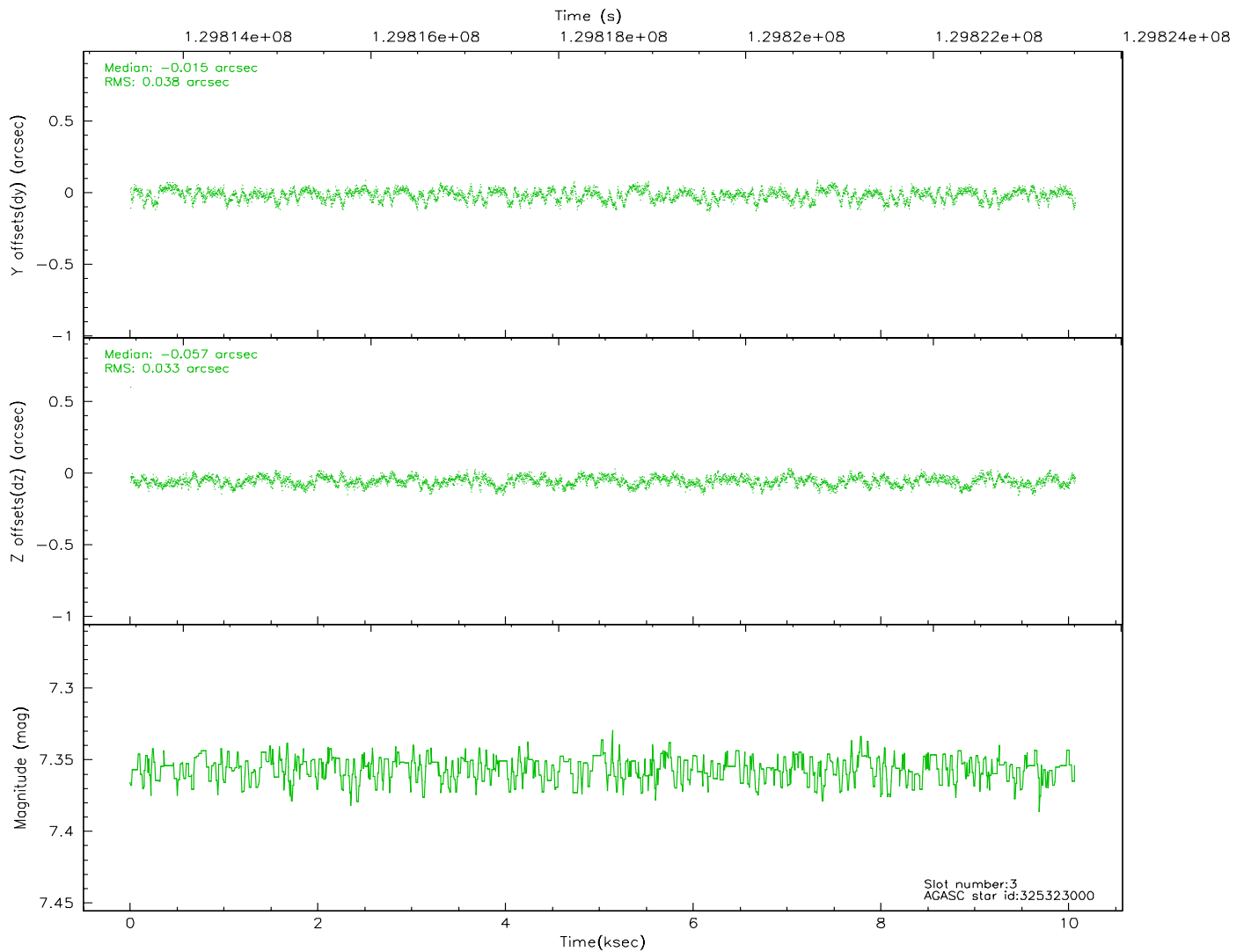
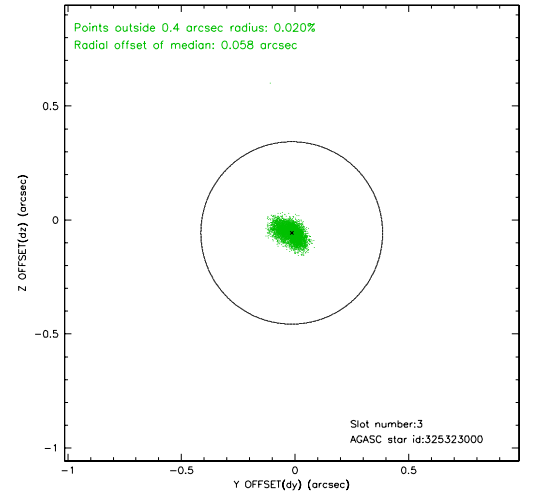
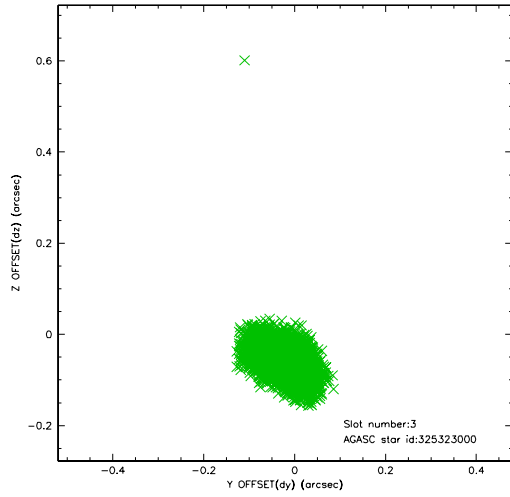


Slot Statistics

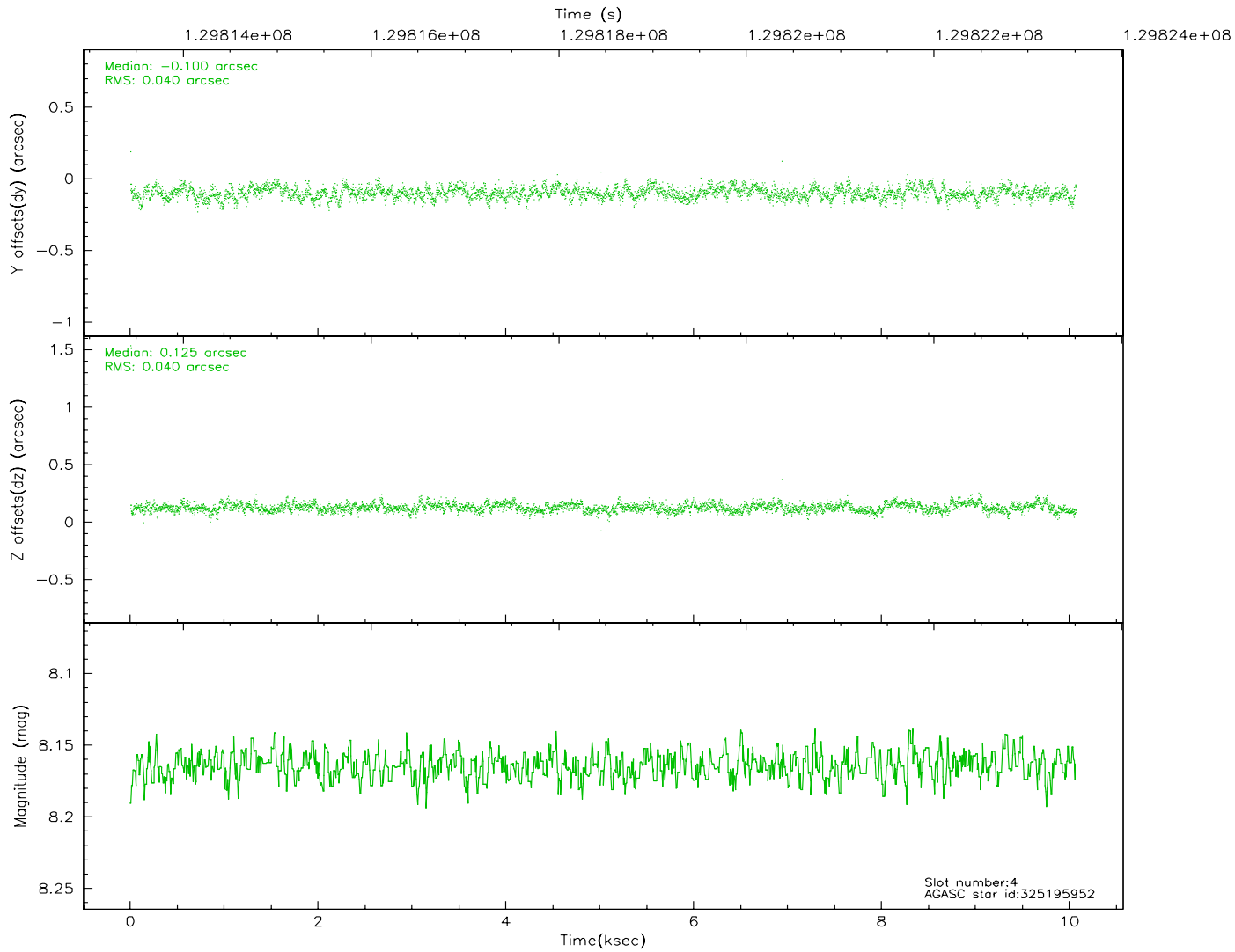
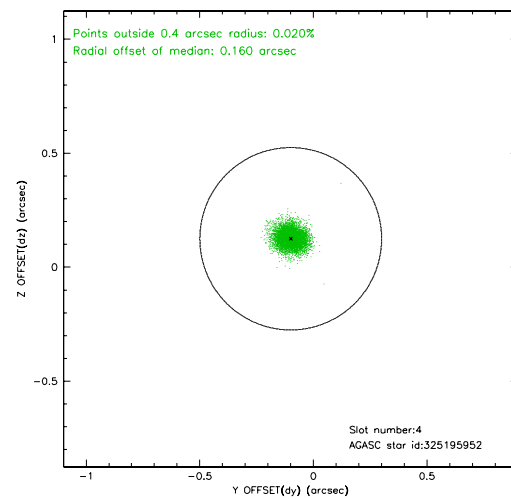
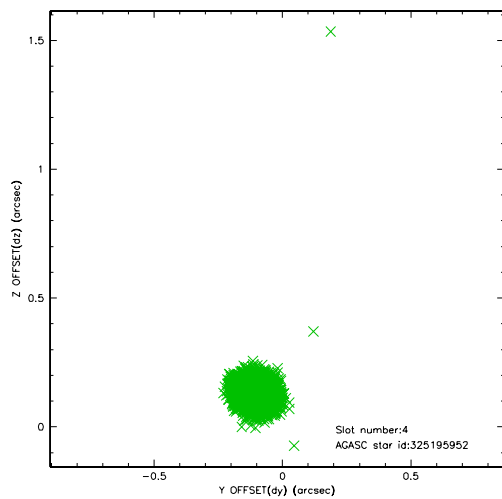
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	2457	-0.035	0.060	0.010	0.017	0.000000	0.000000	937.49	-830.48
1	FID	ACIS-I-5	7.23	2456	0.004	0.038	0.006	0.010	0.000000	0.000000	-1810.25	1066.78
2	FID	ACIS-I-6	7.26	2457	-0.061	-0.029	0.010	0.016	0.000000	0.000000	402.49	1711.77
3	GUIDE	325323000	7.36	4913	-0.015	-0.057	0.053	0.086	124.596770	37.056165	-2304.42	1089.88
4	GUIDE	325195952	8.16	4913	-0.100	0.125	0.056	0.090	122.905025	36.510458	2403.25	-1251.49
5	GUIDE	325191760	8.68	4911	-0.007	-0.085	0.071	0.111	123.364211	37.191725	-311.81	-1874.67
6	GUIDE	325330440	8.67	4910	-0.036	-0.011	0.065	0.102	124.000460	37.423677	-2146.11	-1066.08
7	GUIDE	325332208	8.81	4911	0.163	0.028	0.074	0.117	123.952555	35.939297	1932.42	2389.64

2.4 Star Slots

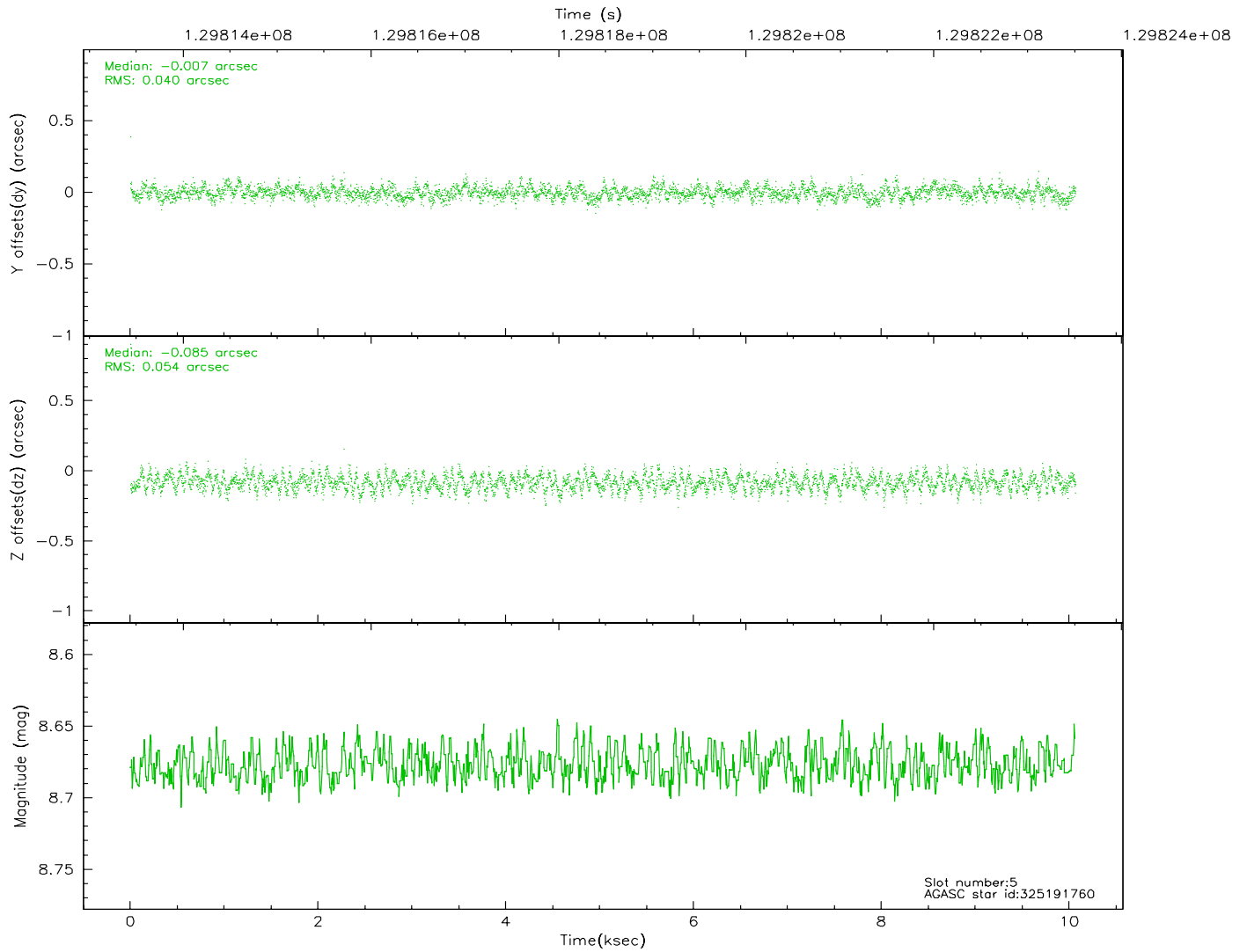
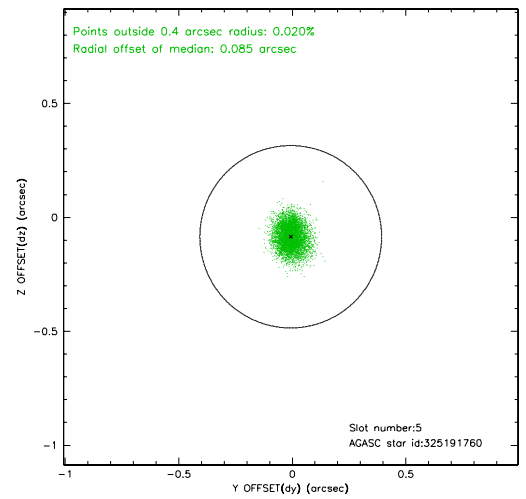
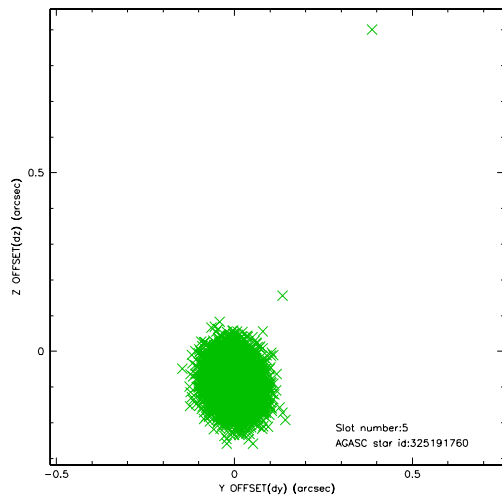
2.4.1 Slot 3



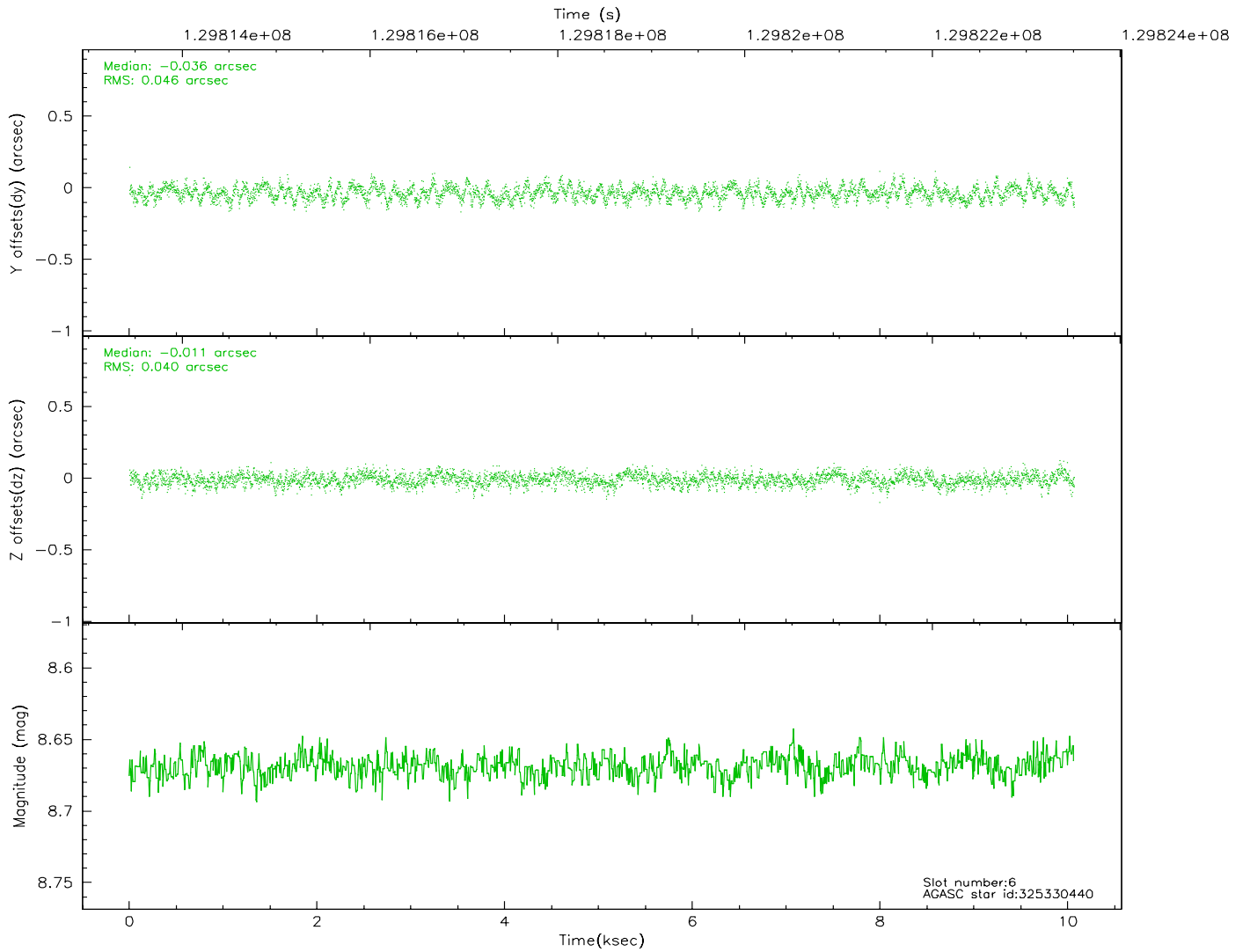
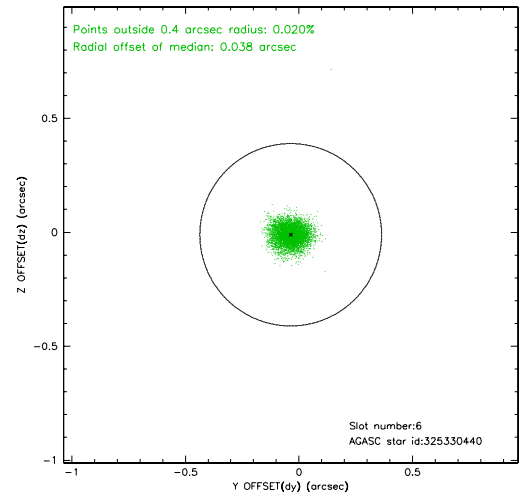
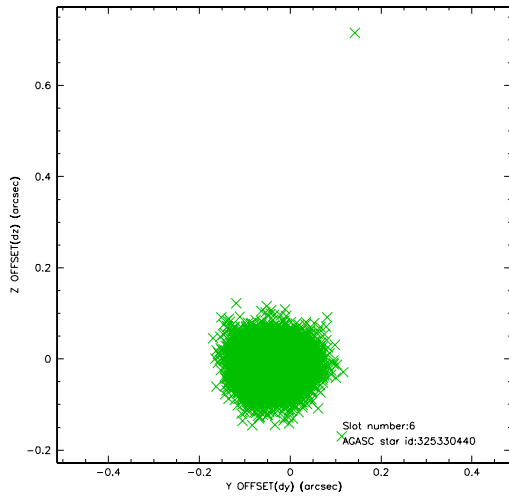
2.4.2 Slot 4



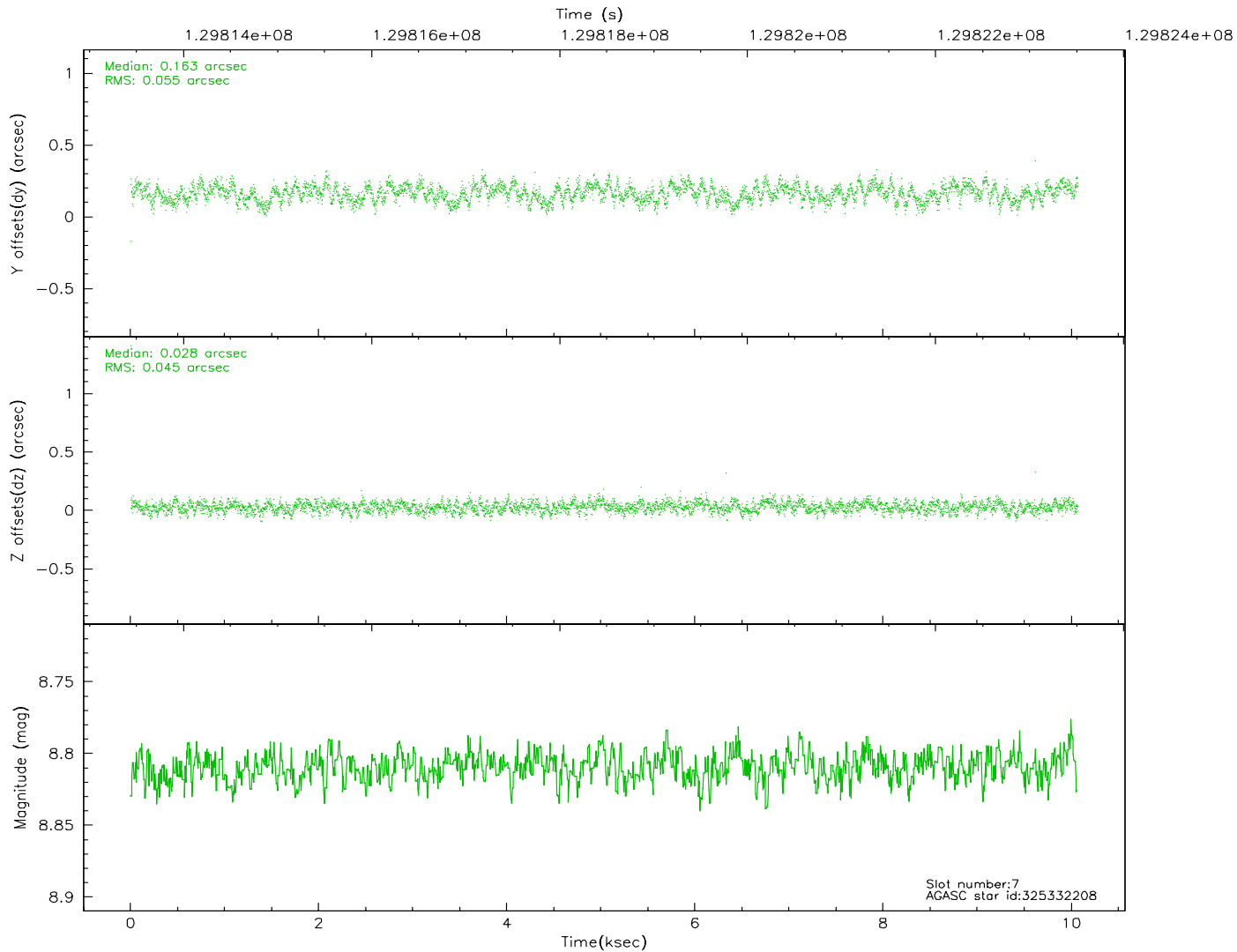
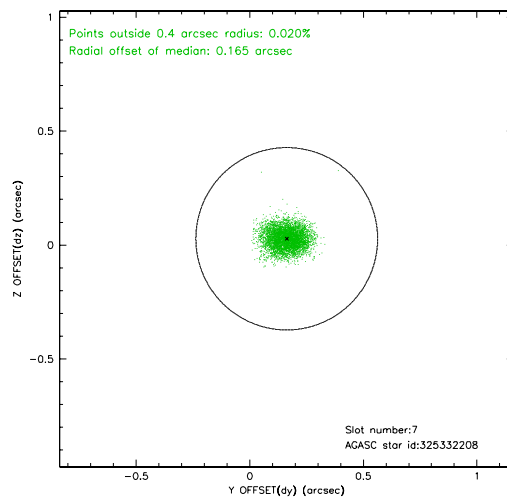
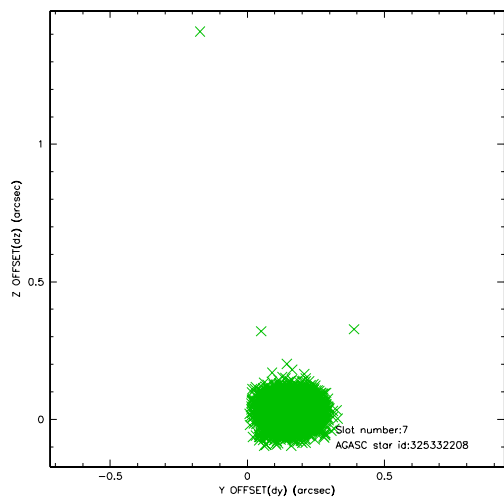
2.4.3 Slot 5



2.4.4 Slot 6

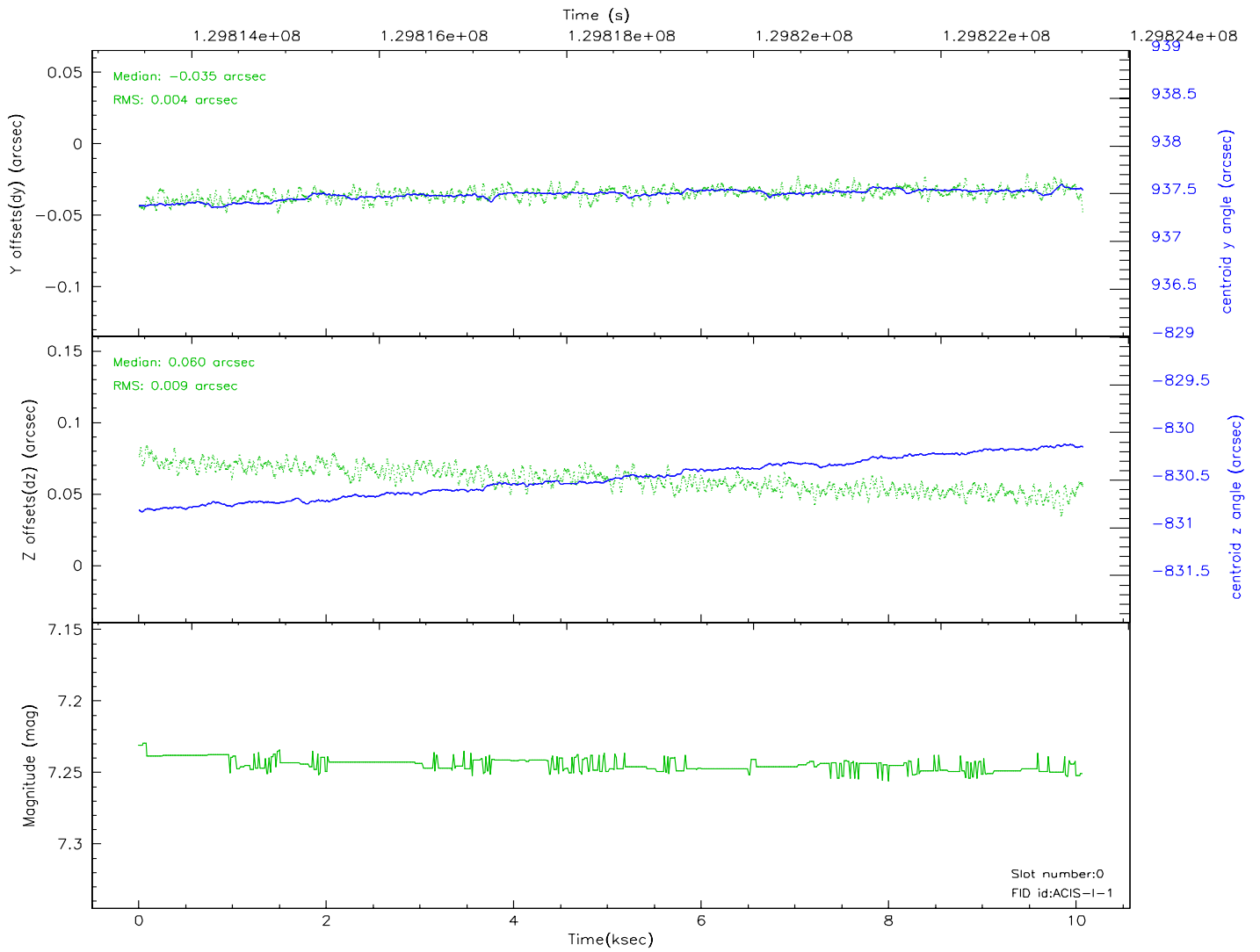
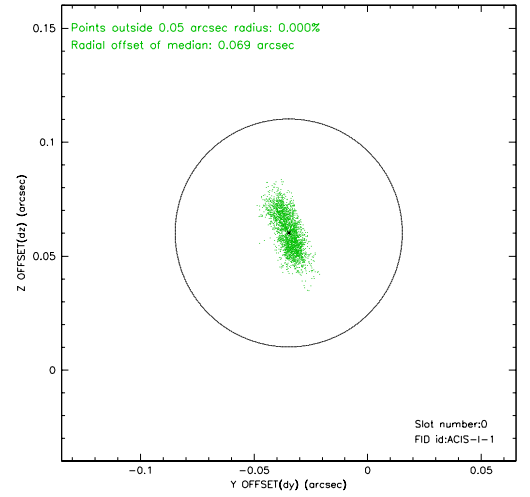
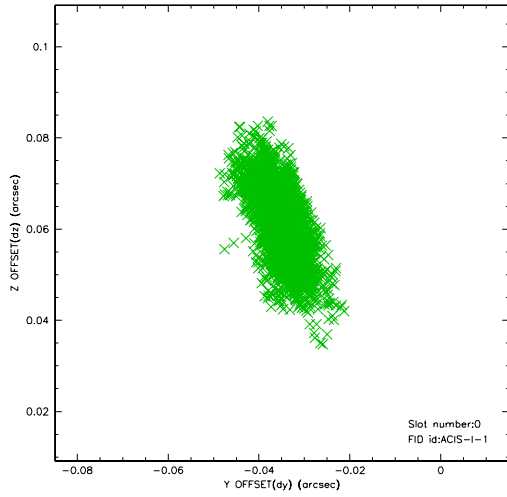


2.4.5 Slot 7

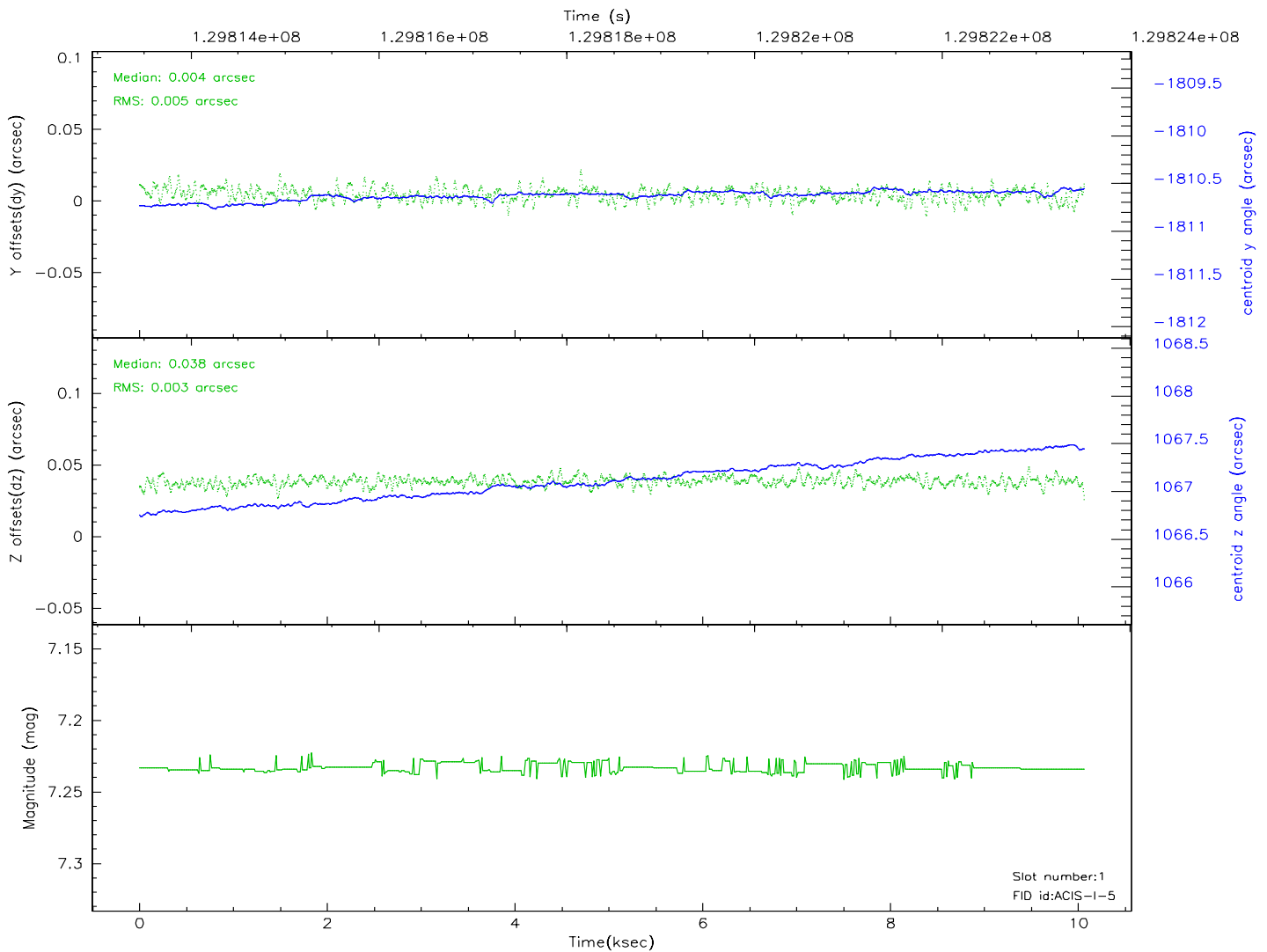
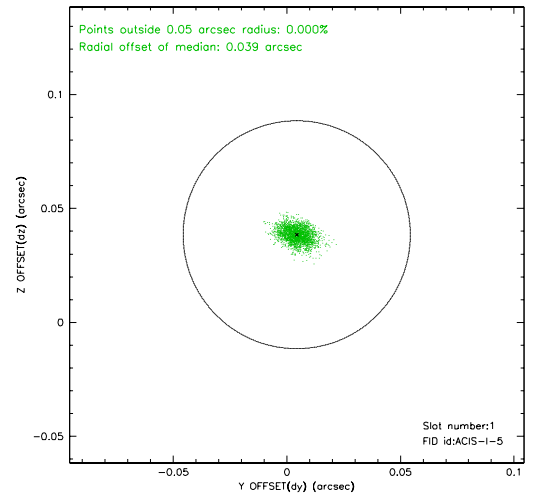
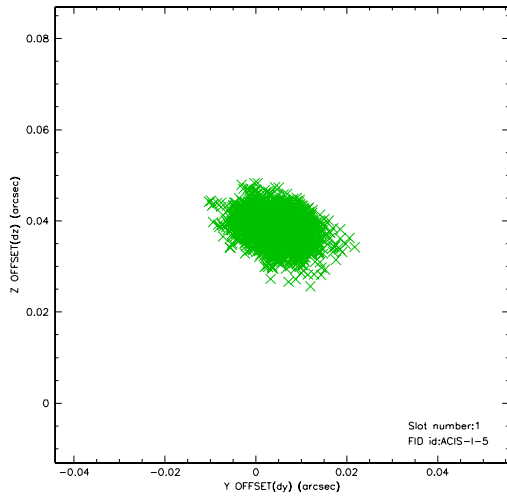


2.5 FID Slots

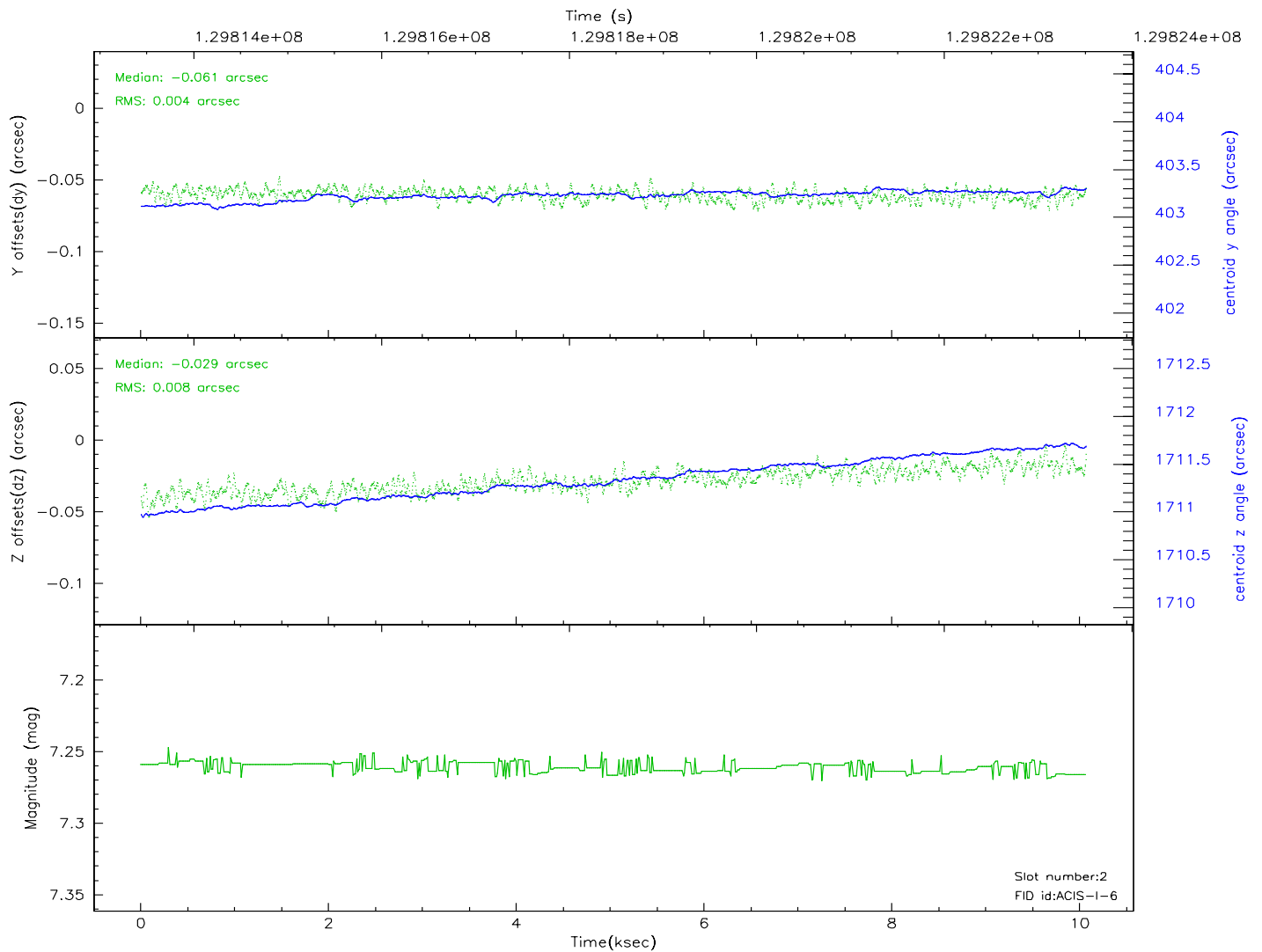
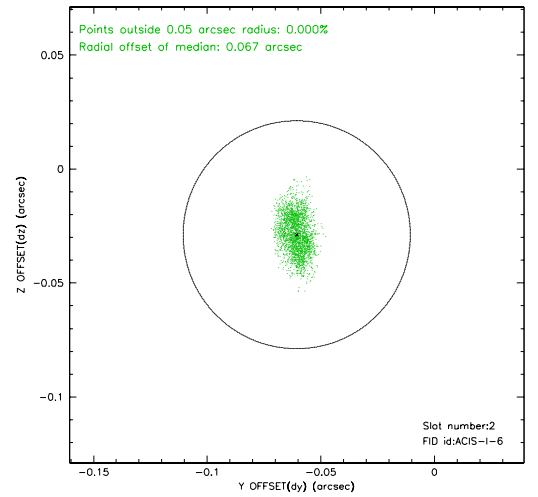
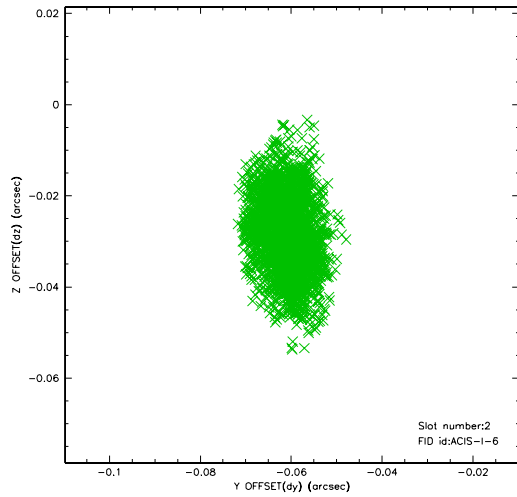
2.5.1 Slot 0



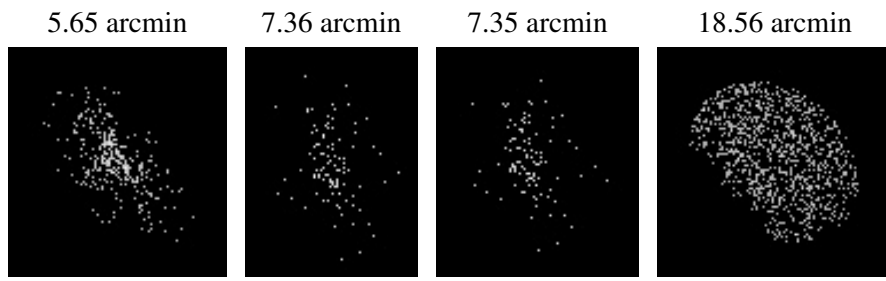
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.09.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.064

A.2 Comments

Monitor constraint met.