

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 4478 - L2 Version 001
Chandra X-Ray Center

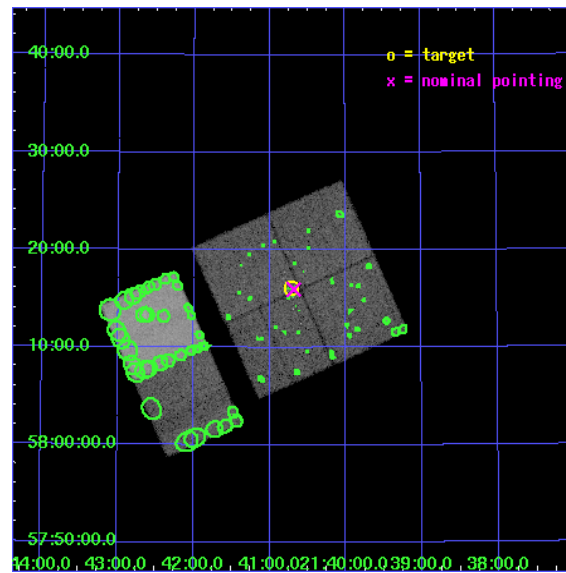
L2 Processing Date : Apr 15 2006

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1 Front

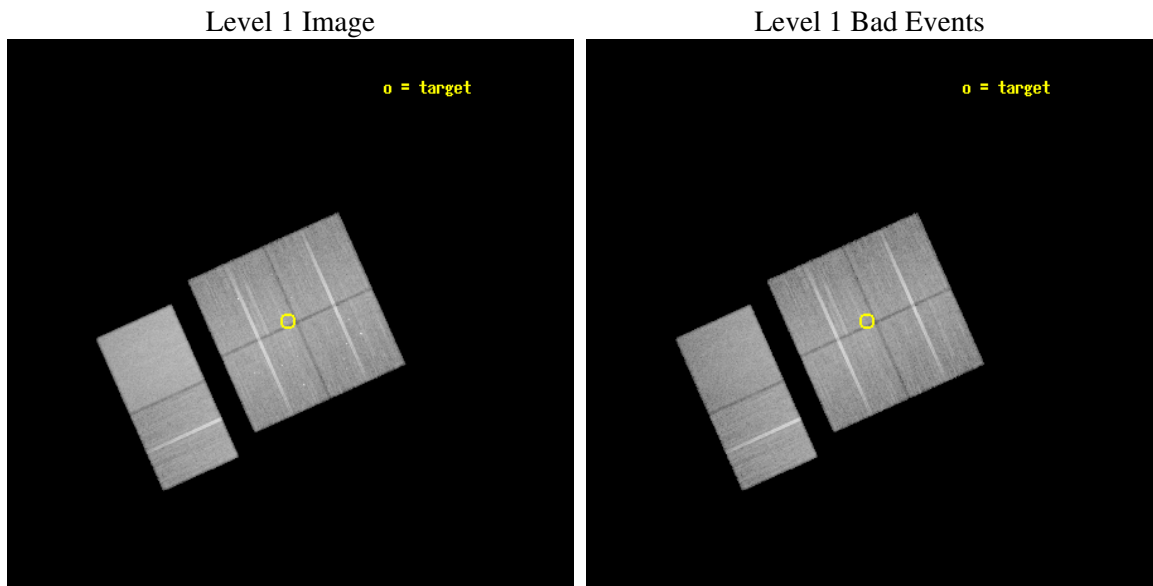
seq_num	200247
obs_id	4478
title	Chandra study of the IC 1396-N globule and its neighborhood
observer	Professor Gordon Garmire
object	IC 1396-N
dtcycle	0
cycle	P
ra_targ	325.176667
dec_targ	58.269361
ra_nom	325.17023950054
dec_nom	58.266199410386
roll_nom	245.87329402285
revision	2
ontime	29987.199888289
livetime	29607.483907179
ontime0	29987.118346781
ontime1	29983.918406457
ontime2	29983.958888113
ontime3	29987.199888289
ontime6	29987.199888289
ontime7	29987.199888289
l2events	243701



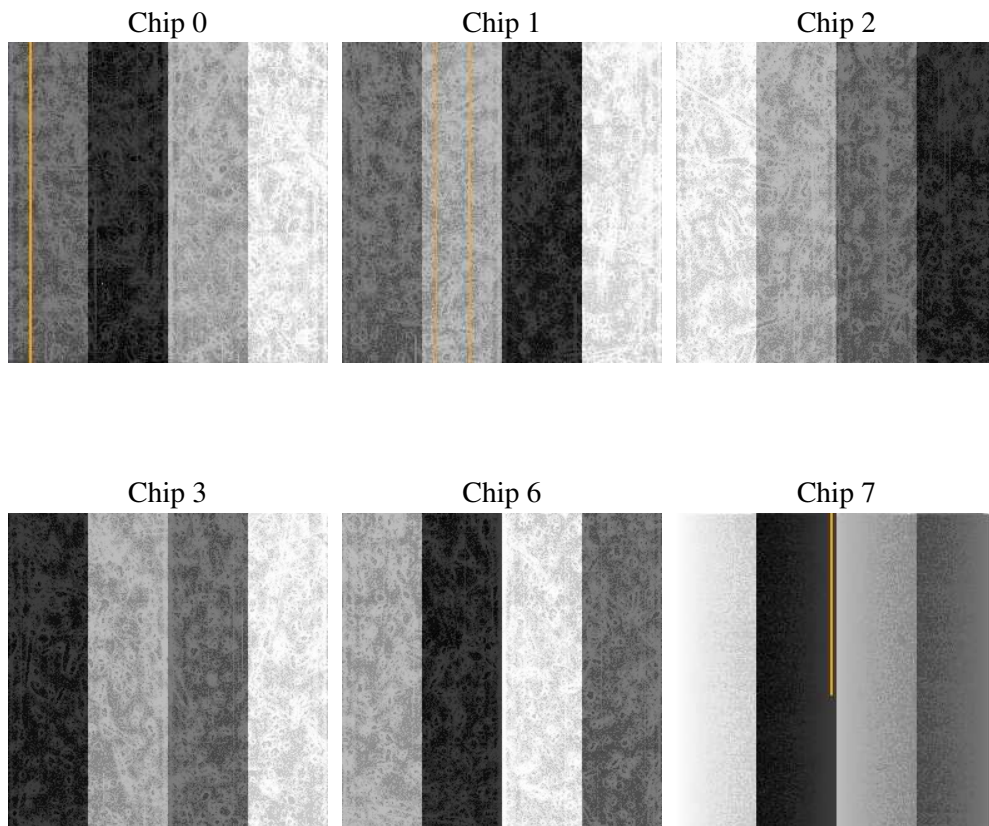
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-04-15T05:43:42
revision	2

sched_exp_time	30000.000000
ontime	29989.031001538
ontime0	29989.03098163
ontime1	29985.790021241
ontime2	29985.789981455
ontime3	29989.031001538
ontime6	29989.031001538
ontime7	29989.031001538
l1events	1481207

2.1.4 Events

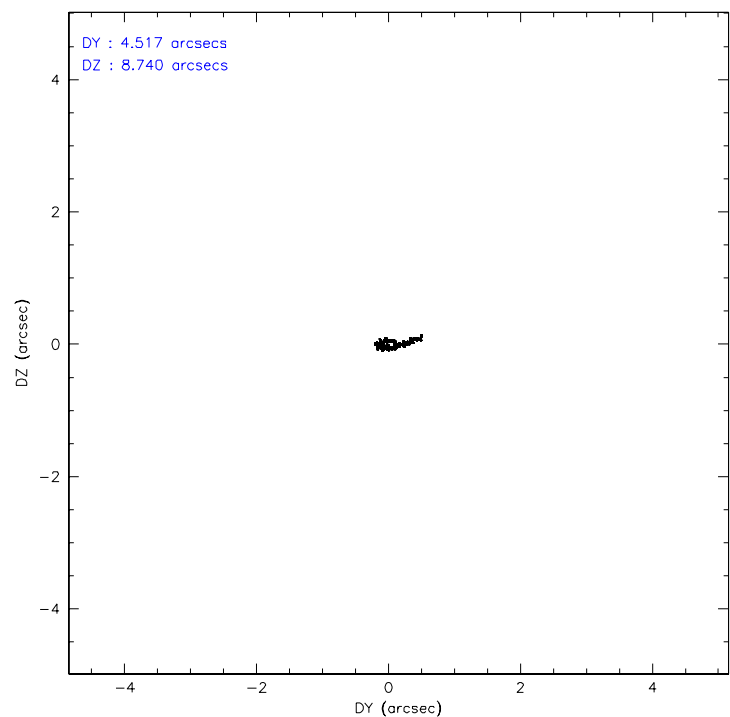
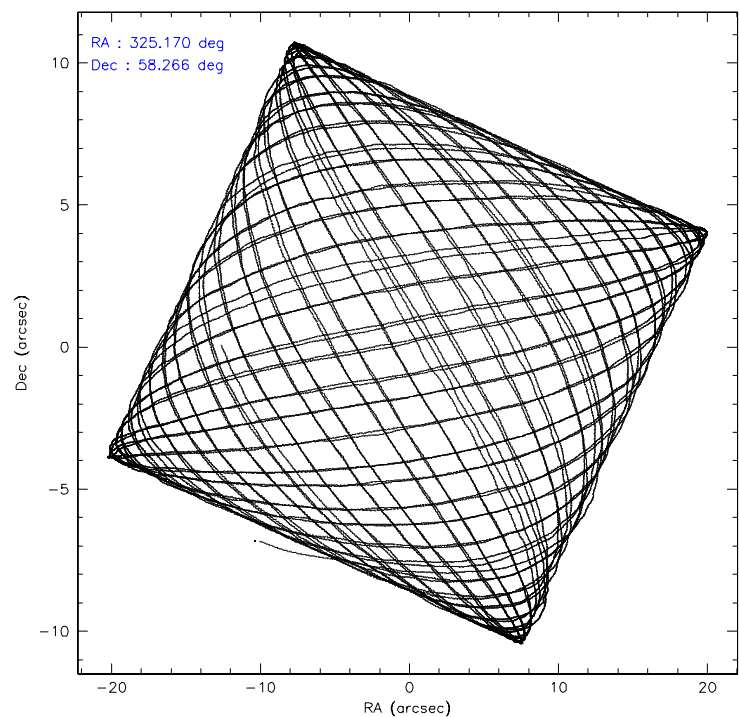
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	222222	218246	241468	234138	246397	318736
rejected events	191845	188805	213104	205599	218400	197488
rejected %	86%	86%	88%	87%	88%	61%

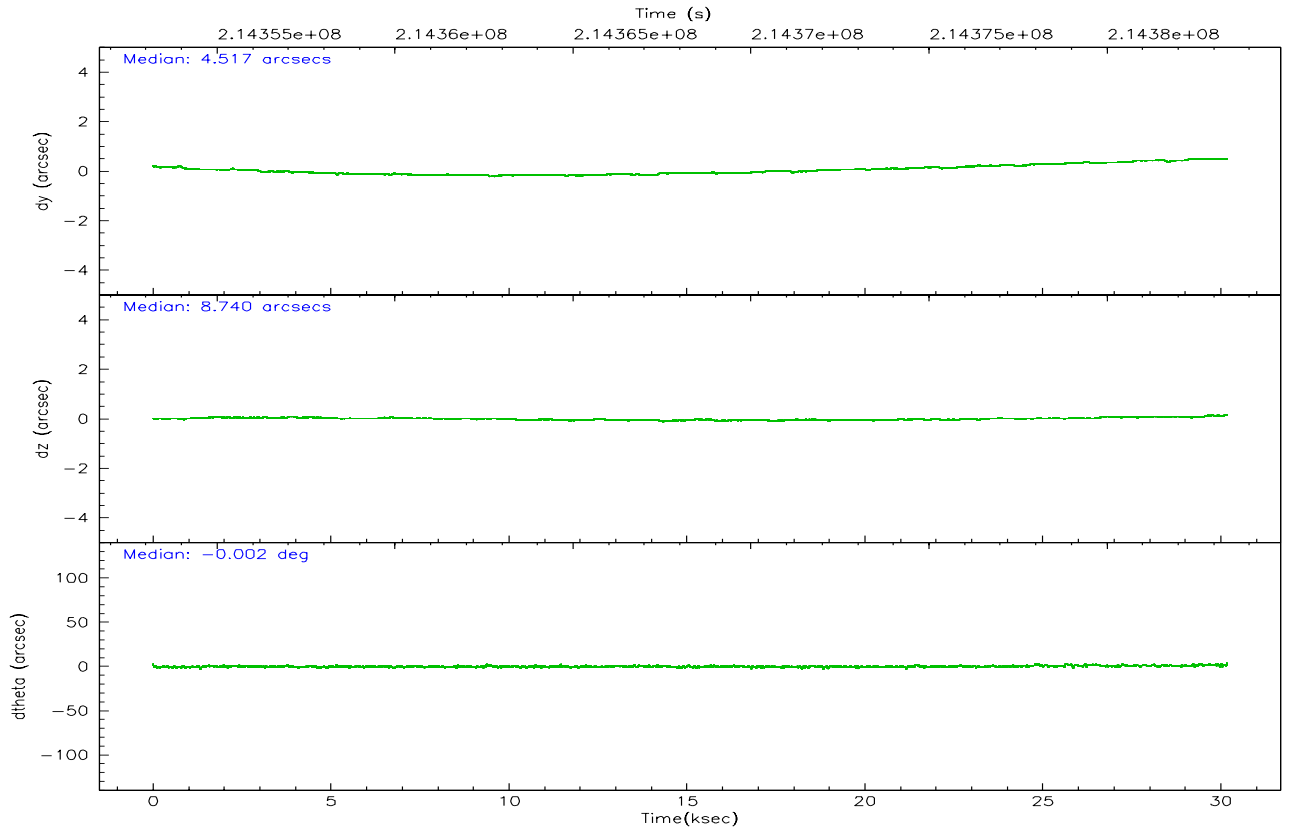
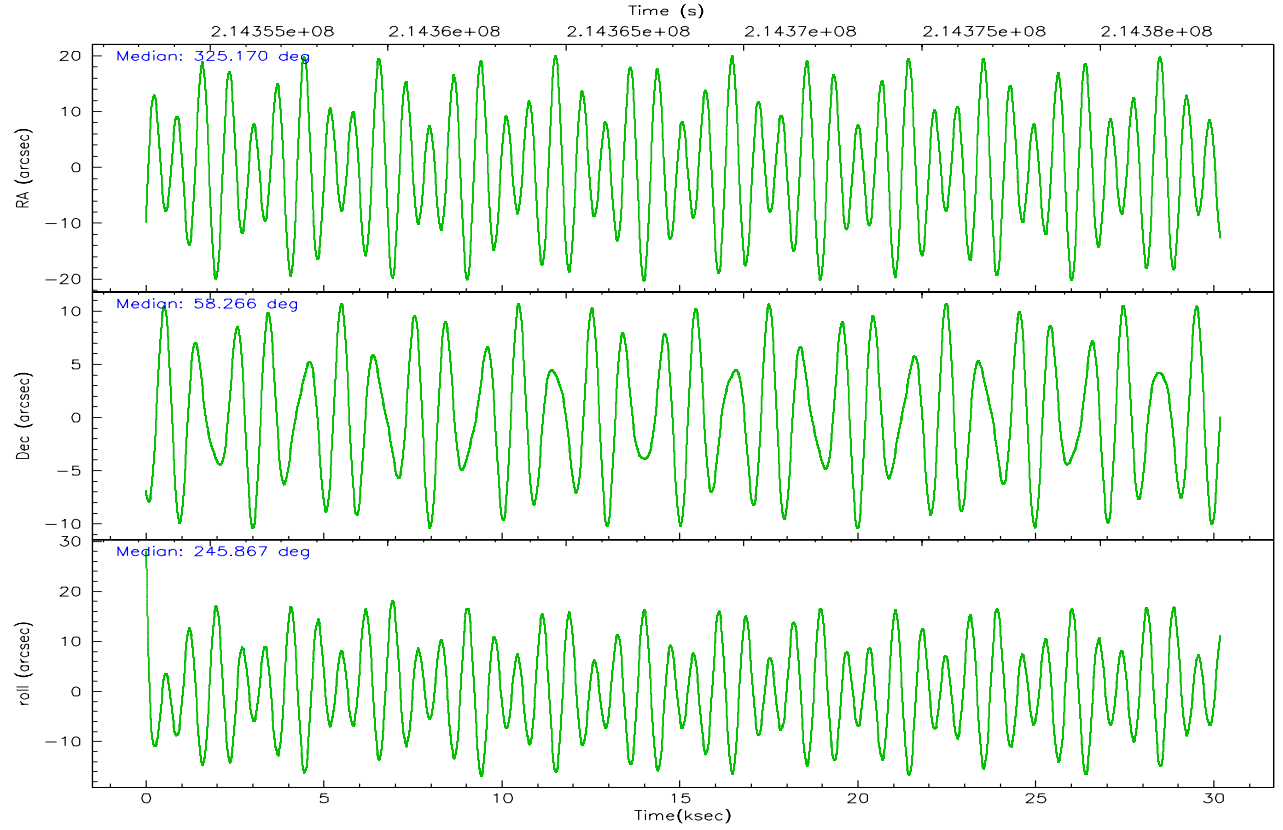
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	13787	11553	12842	12780	10774	6574
	6%	5%	5%	5%	4%	2%
grade 1 events	139	106	155	154	127	195
	0%	0%	0%	0%	0%	0%
grade 2 events	6170	6486	5828	5422	6109	30317
	2%	2%	2%	2%	2%	9%
grade 3 events	2843	2863	2539	2750	2724	5923
	1%	1%	1%	1%	1%	1%
grade 4 events	2691	2775	2695	2703	2605	5761
	1%	1%	1%	1%	1%	1%
grade 5 events	9629	10136	9106	10459	10863	21039
	4%	4%	3%	4%	4%	6%
grade 6 events	4890	5768	4461	4885	5791	72690
	2%	2%	1%	2%	2%	22%
grade 7 events	182073	178559	203842	194985	207404	176237
	81%	81%	84%	83%	84%	55%

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	VFAINT	VFAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	325.164671	325.1702395005408	Alternating exposures requested	N	N
Pointing Dec	58.293432	58.26619941038649	Primary exposure time	0.000000	3.2
Pointing Roll	245.669347	245.8732940228462			
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	214353380.184000	214352406.0168			
Observation start date	2004-10-16T22:35:16	2004-10-16T22:20:06			
Observation end time	214383380.184000	214384162.56822			
Observation end date	2004-10-17T06:55:16	2004-10-17T07:09:22			
Read mode	TIMED	TIMED			

2.3 Aspect



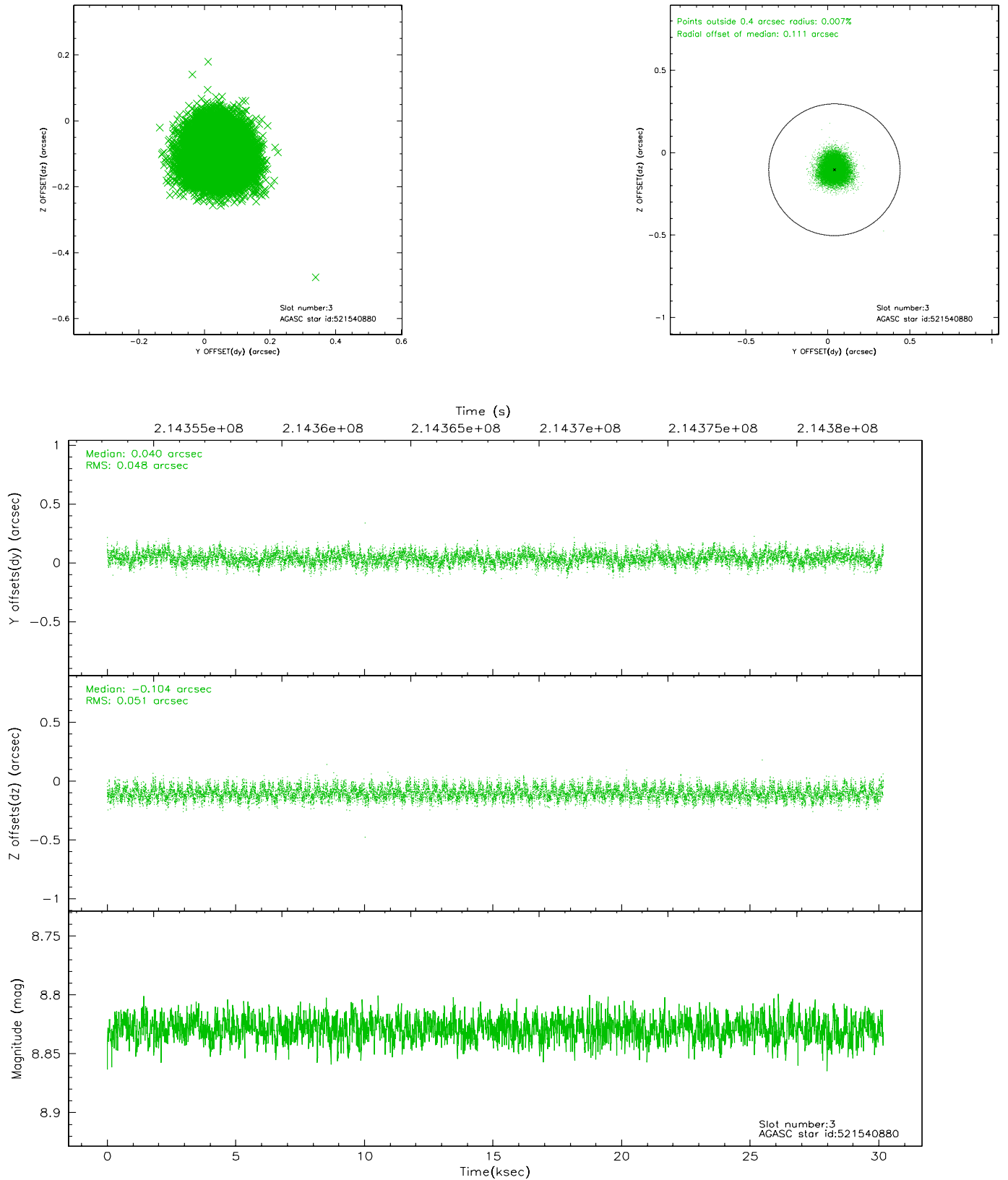


Slot Statistics

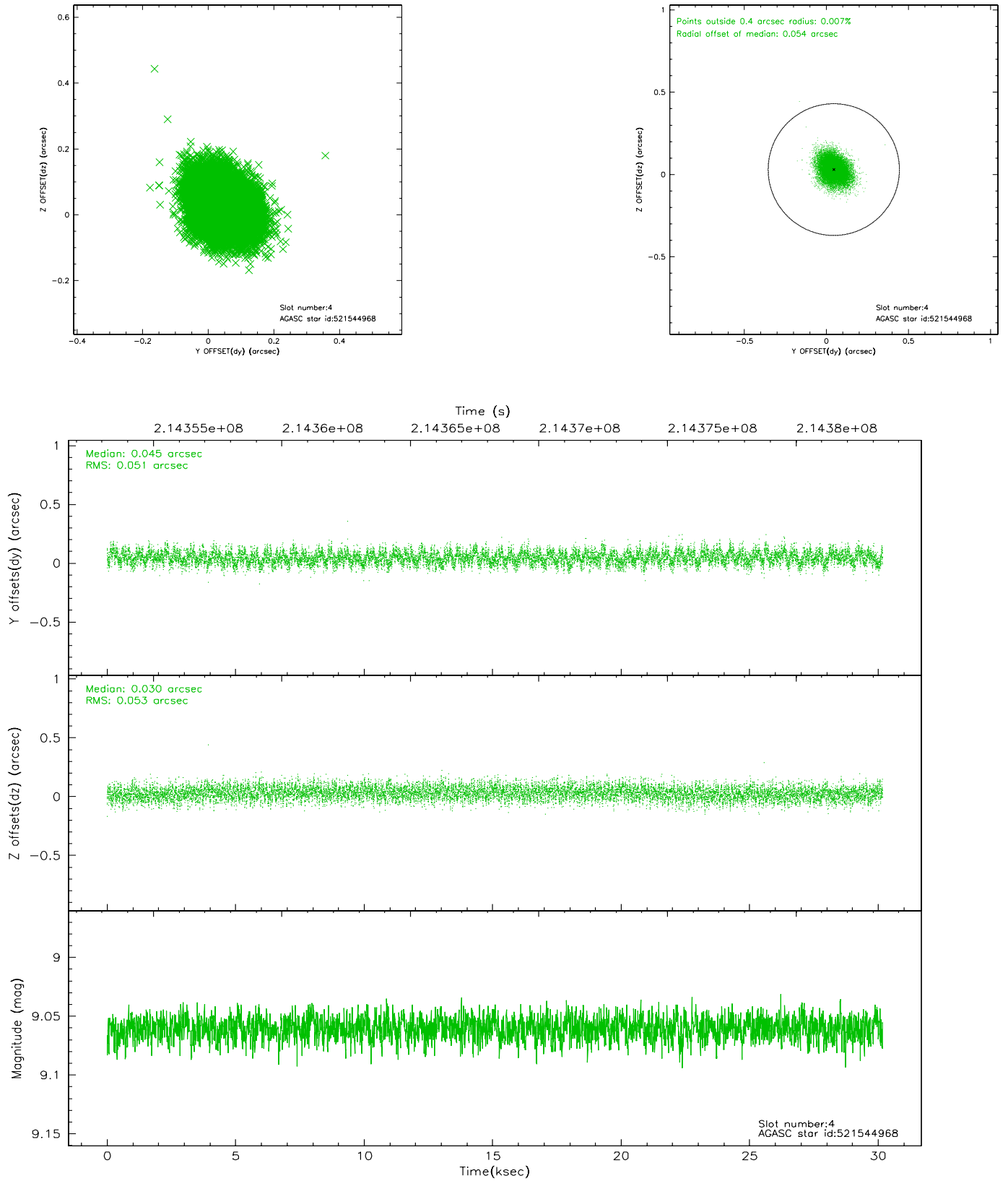
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.13	7359	-0.055	-0.044	0.014	0.023	0.000000	0.000000	-759.05	-838.59
1	FID	ACIS-I-4	7.17	7362	0.115	0.050	0.026	0.037	0.000000	0.000000	2155.14	1067.64
2	FID	ACIS-I-5	7.22	7363	-0.157	0.064	0.016	0.026	0.000000	0.000000	-1812.88	1065.59
3	GUIDE	521540880	8.83	14718	0.040	-0.104	0.075	0.117	325.493874	58.500057	-933.86	257.14
4	GUIDE	521544968	9.06	14719	0.045	0.030	0.078	0.126	325.922077	58.239799	-422.49	1384.15
5	GUIDE	521012392	9.11	14717	0.191	0.063	0.100	0.162	323.590514	58.057896	1976.80	-2396.22
6	GUIDE	521011352	8.96	14719	0.017	0.042	0.073	0.117	324.841297	57.653322	2355.52	381.61
7	GUIDE	521543600	7.99	14722	-0.291	-0.033	0.072	0.116	324.133316	58.710999	-588.24	-2382.29

2.4 Star Slots

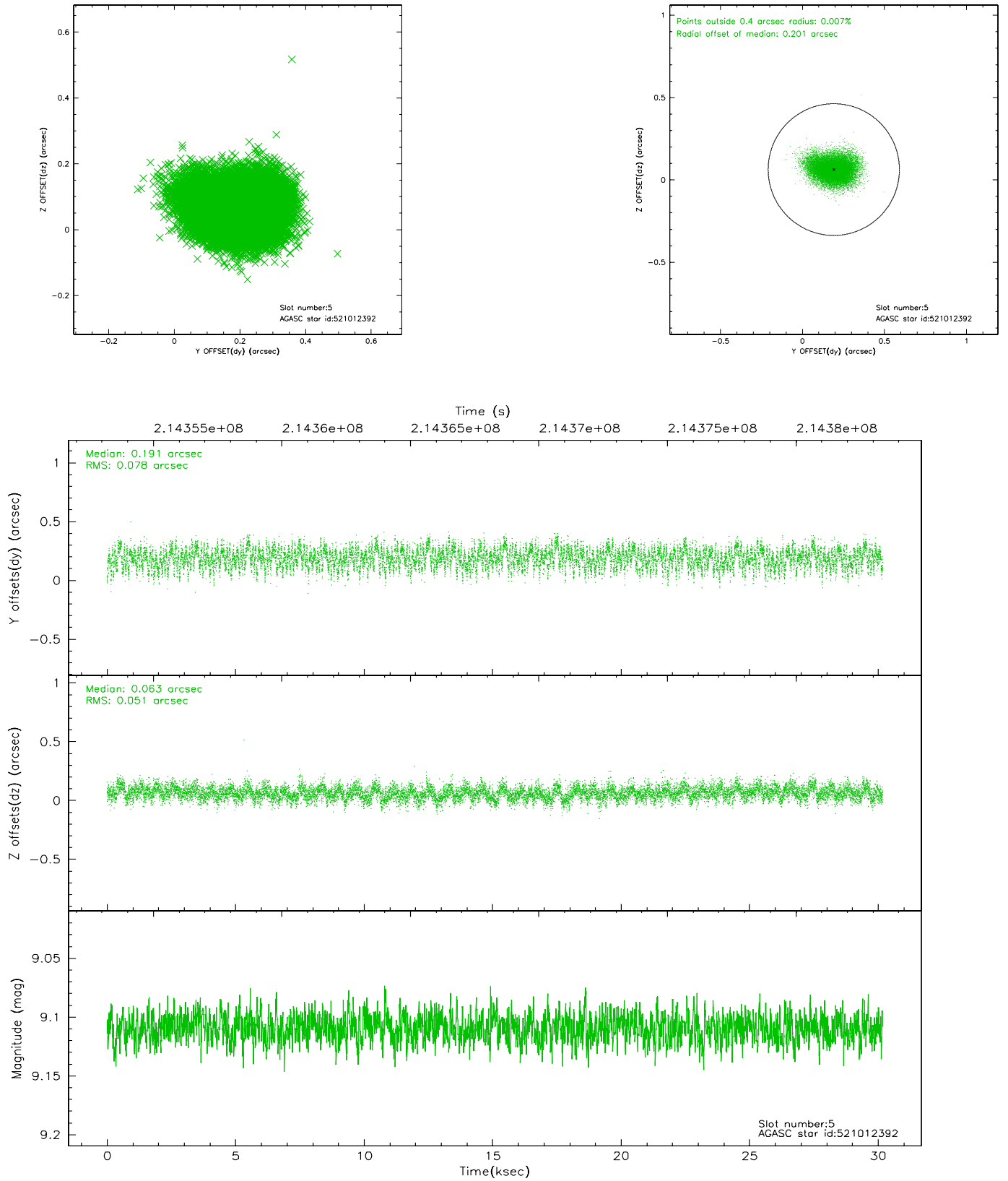
2.4.1 Slot 3



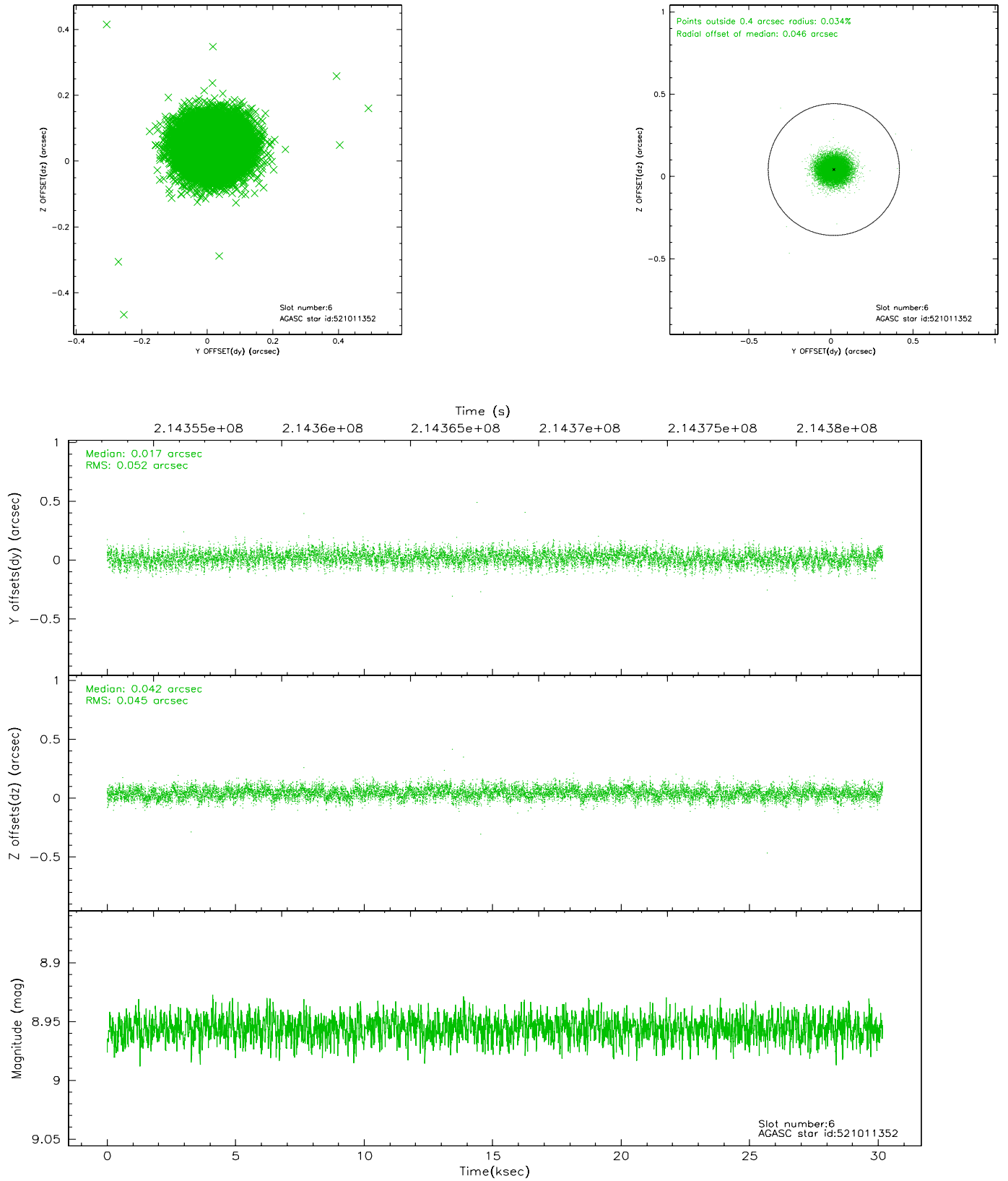
2.4.2 Slot 4



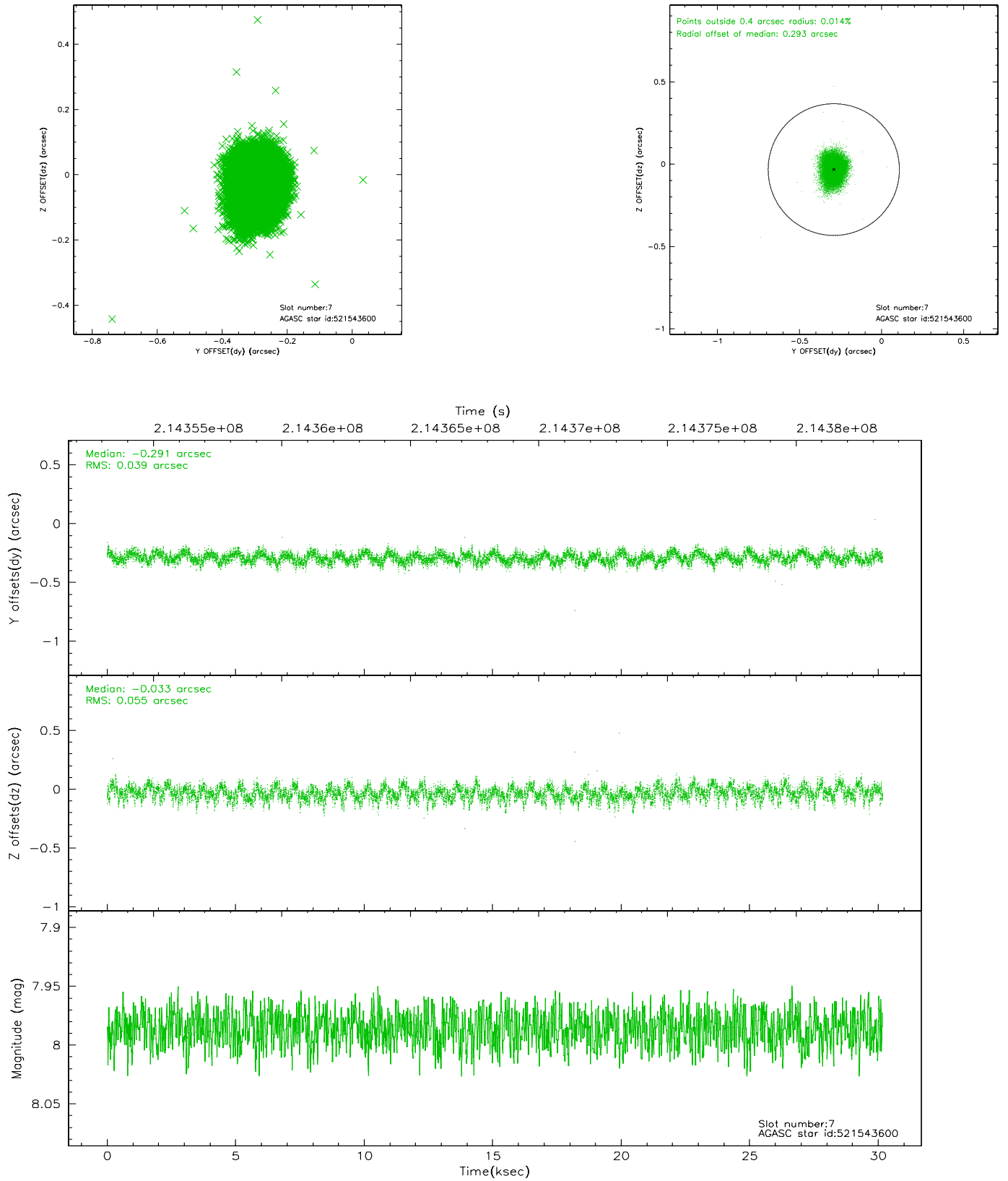
2.4.3 Slot 5



2.4.4 Slot 6

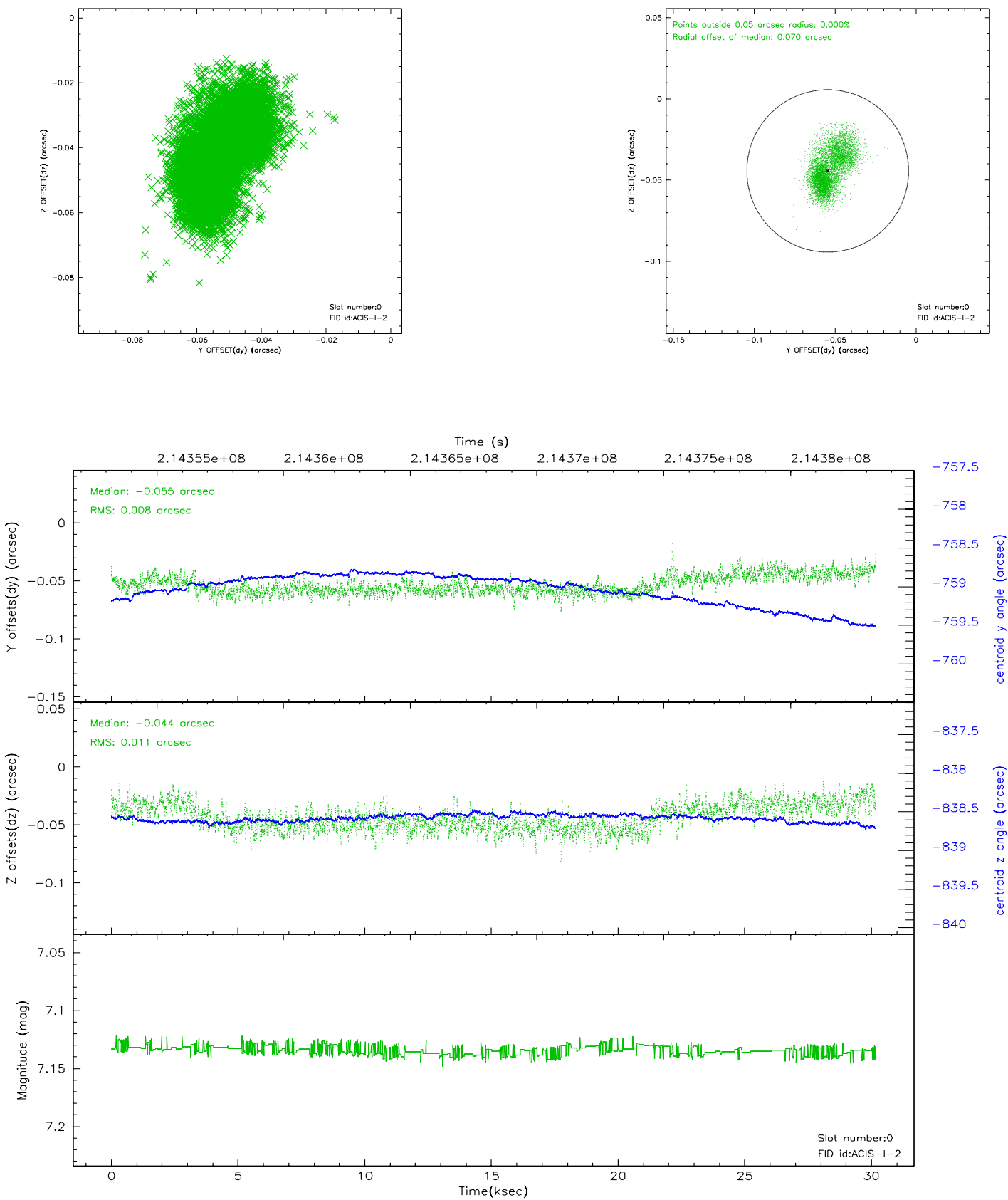


2.4.5 Slot 7

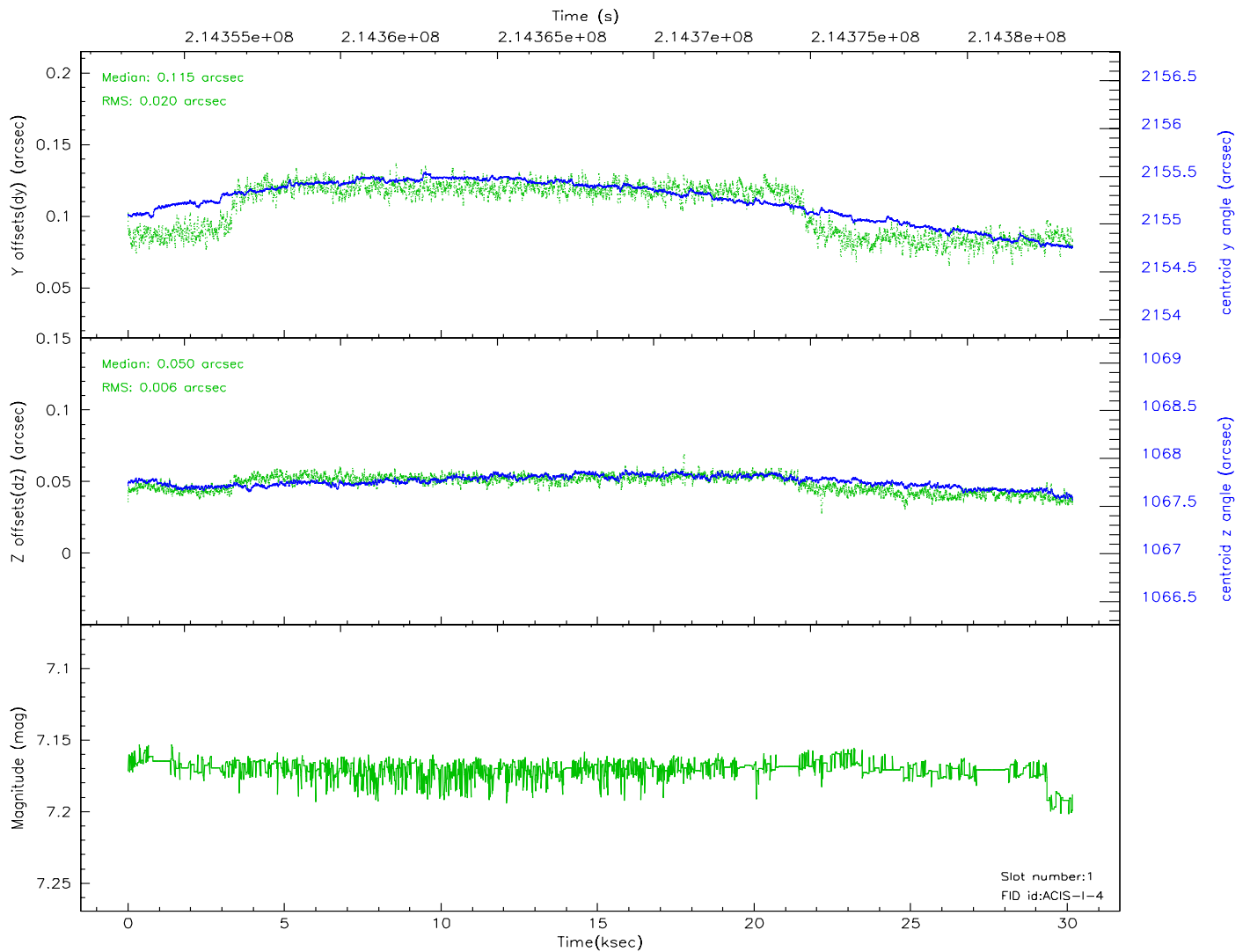
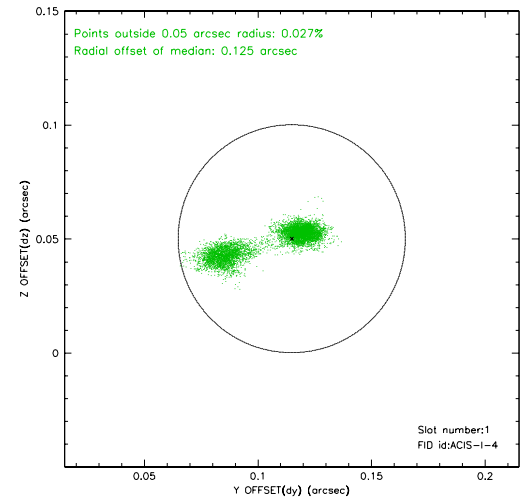
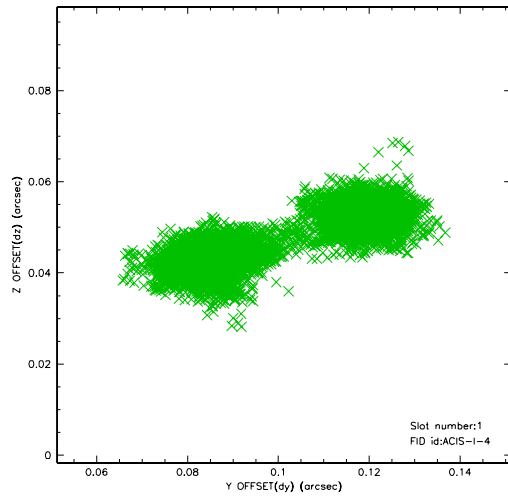


2.5 FID Slots

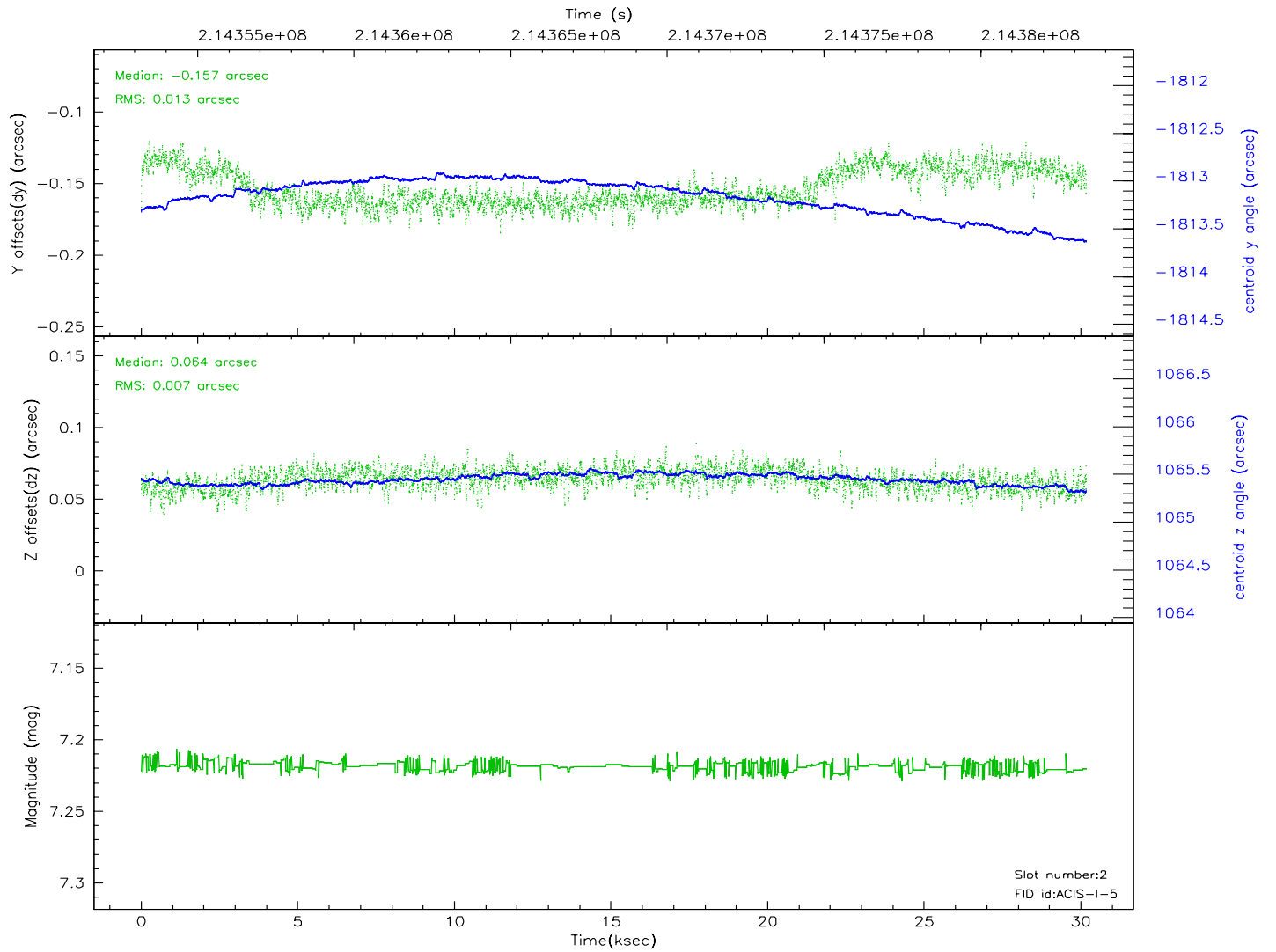
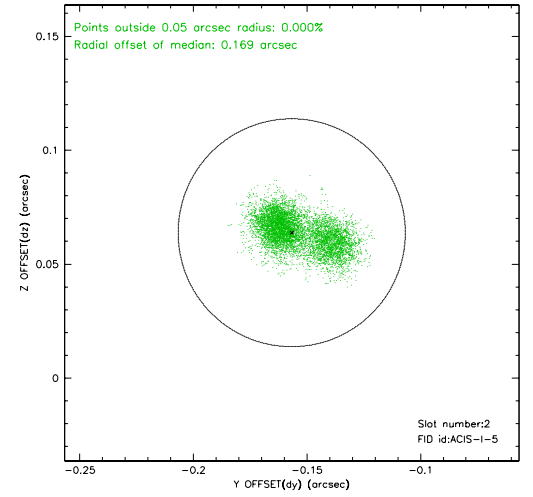
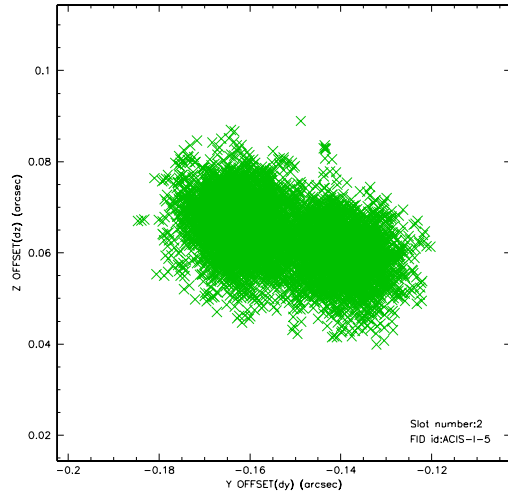
2.5.1 Slot 0



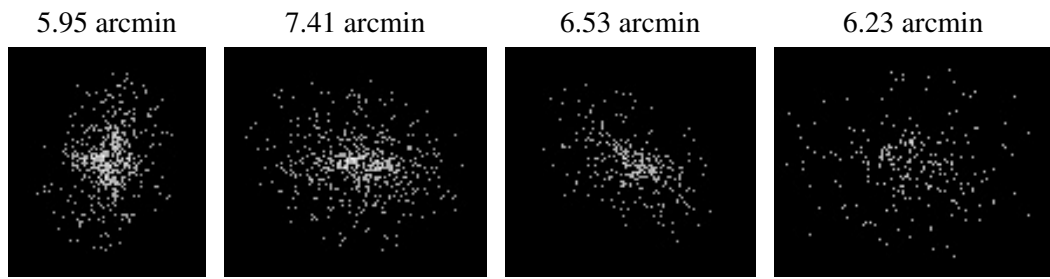
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.04.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	29.987

A.2 Comments