

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 978 - L2 Version 001
Chandra X-Ray Center

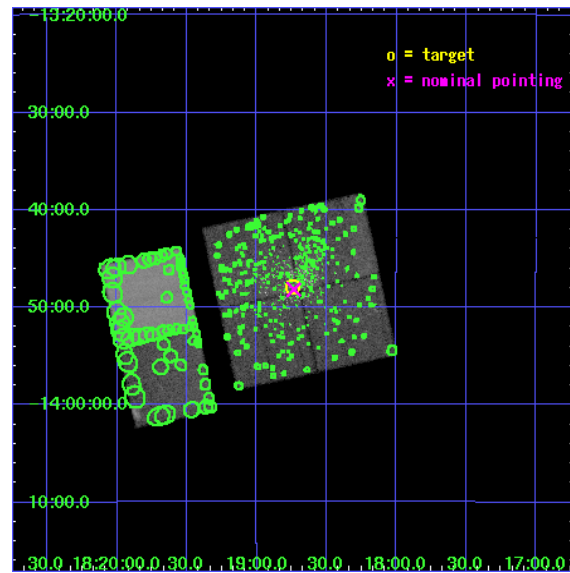
L2 Processing Date : Dec 15 2006

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1 Front

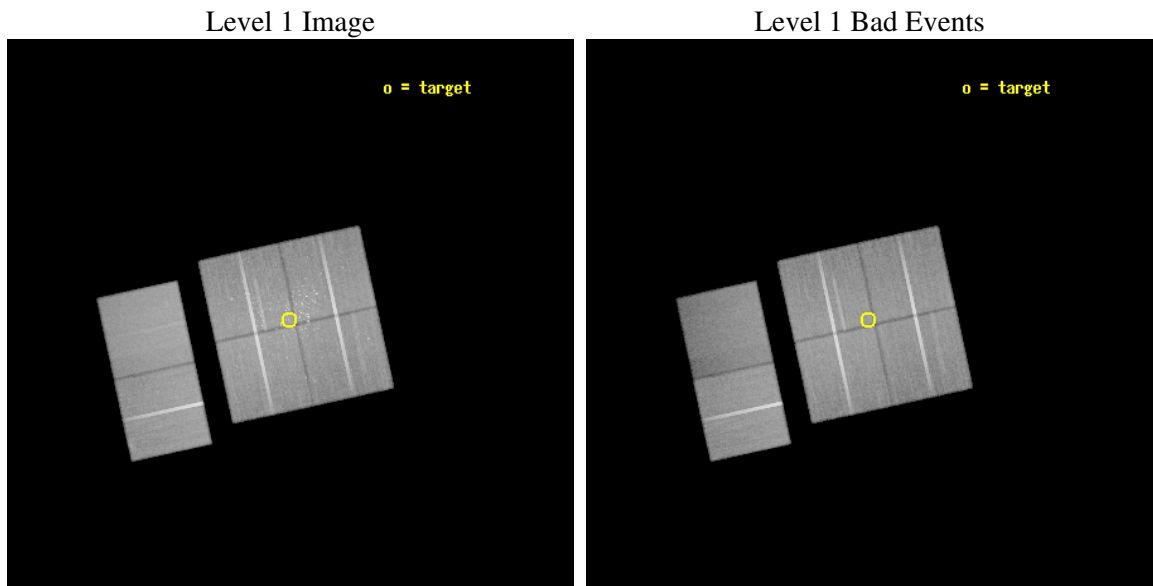
seq_num	200085
obs_id	978
title	THE M 16 STAR-FORMING REGION
observer	Dr. Jeffrey Linsky
object	M 16
dtcycle	0
cycle	P
ra_targ	274.686333
dec_targ	-13.799028
ra_nom	274.6835154828
dec_nom	-13.80289622106
roll_nom	257.75492983309
revision	2
ontime	78115.159102499
livetime	77126.017922642
ontime0	78102.19521153
ontime1	78111.918142244
ontime2	78098.954231337
ontime3	78115.159102499
ontime6	78115.159072593
ontime7	78102.195241421
l2events	458235



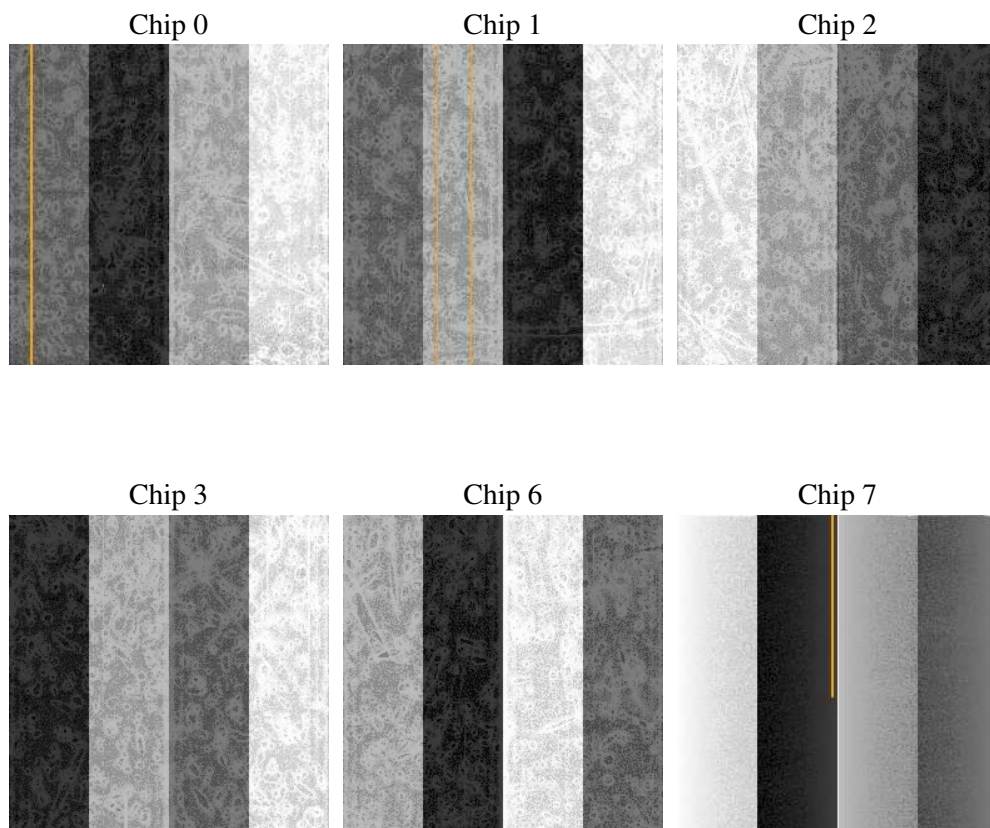
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.4
date	2006-12-16T00:06:58
revision	2

sched_exp_time	78000.000000
ontime	78198.937635124
ontime0	78185.973764077
ontime1	78195.696694791
ontime2	78182.732783884
ontime3	78198.937635124
ontime6	78198.93762514
ontime7	78185.973793969
l1events	2779496

2.1.4 Events

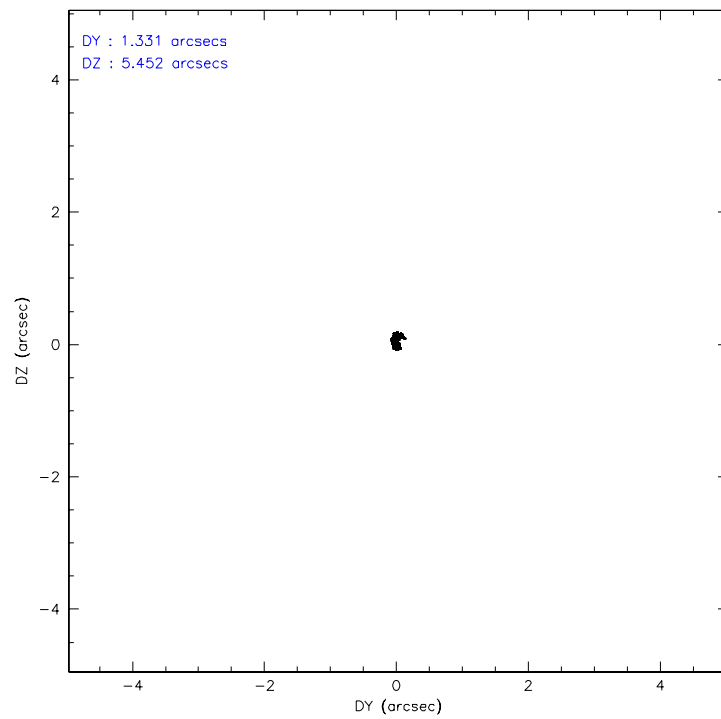
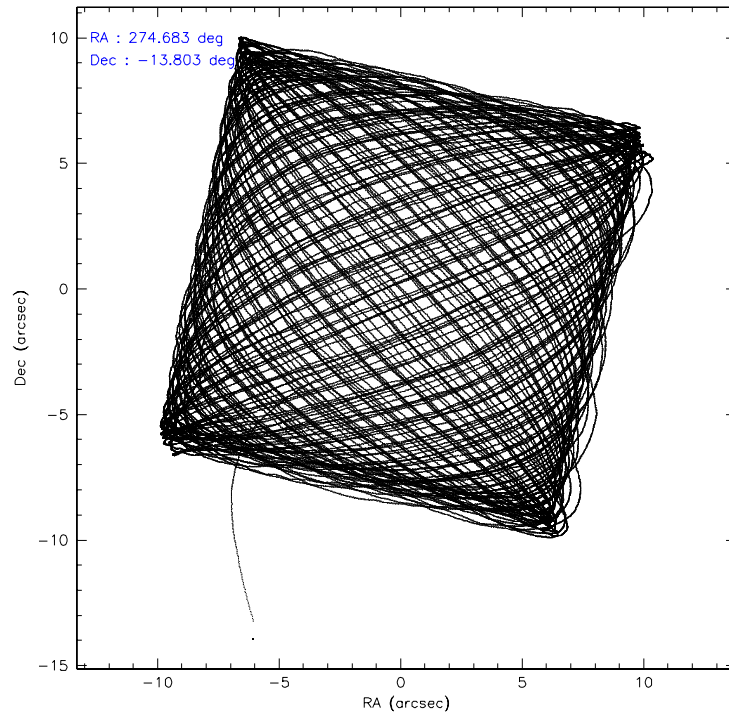
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	428710	451277	482802	474448	478259	464000
rejected events	374183	370723	427627	409008	427049	264247
rejected %	87%	82%	88%	86%	89%	56%

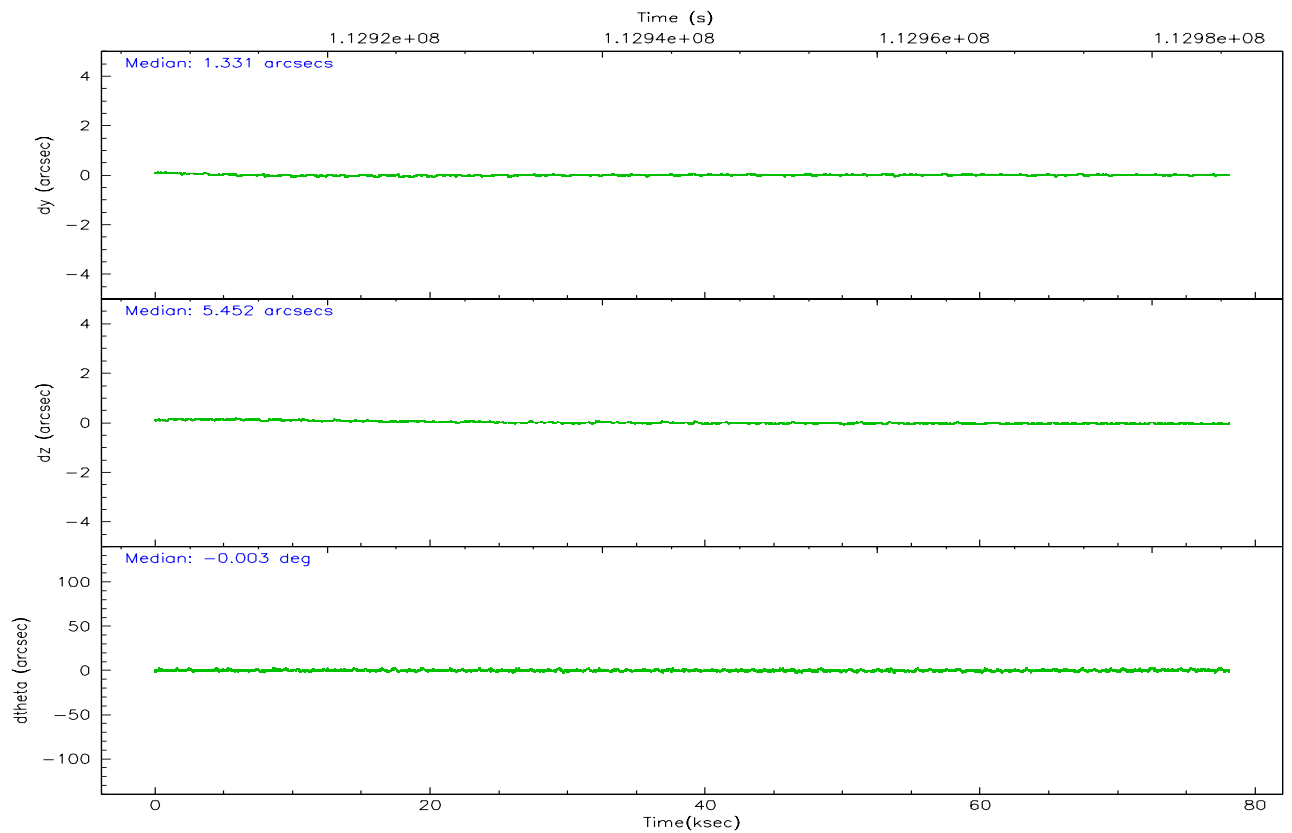
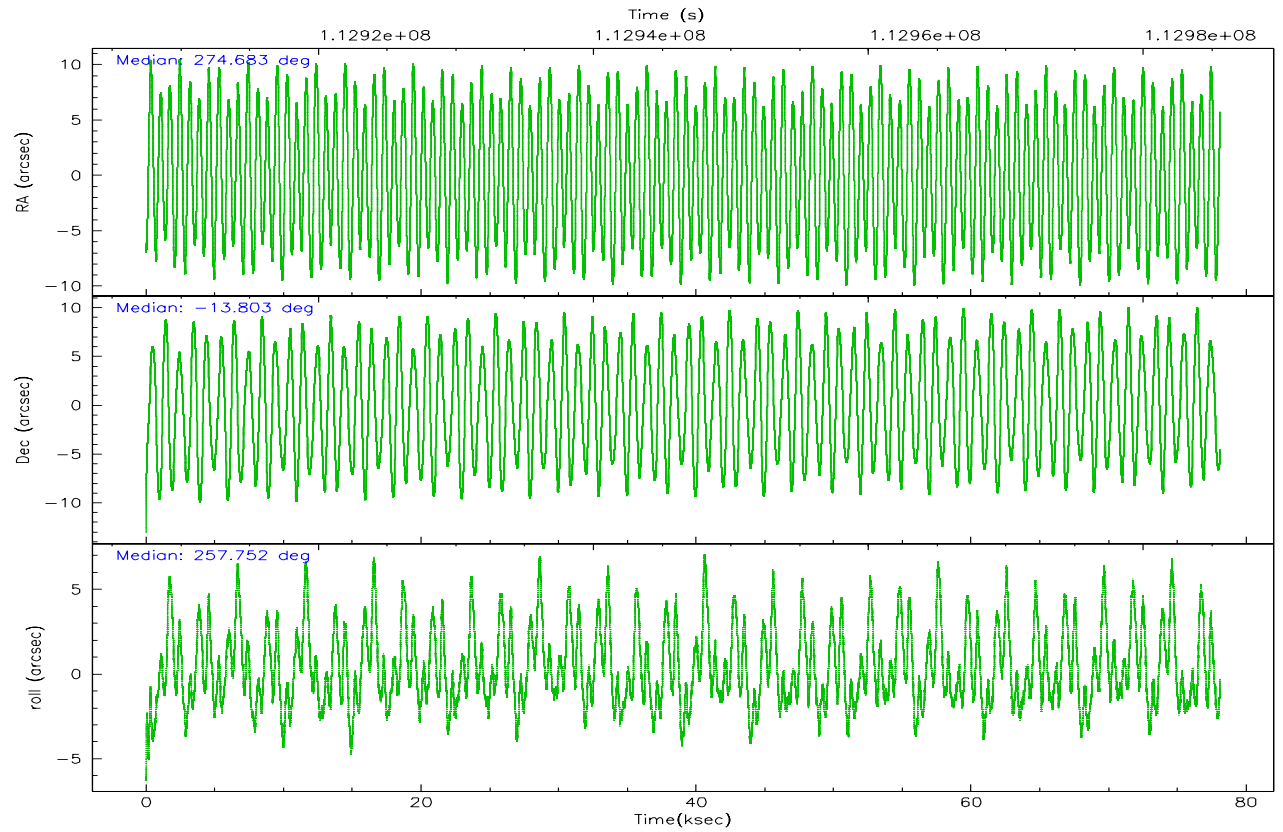
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	24477	44843	26502	35307	21343	13104
	5%	9%	5%	7%	4%	2%
grade 1 events	203	342	208	285	243	226
	0%	0%	0%	0%	0%	0%
grade 2 events	10934	12911	10502	10886	10022	48900
	2%	2%	2%	2%	2%	10%
grade 3 events	5513	6482	5175	5387	5327	12284
	1%	1%	1%	1%	1%	2%
grade 4 events	5050	6547	4934	5243	5158	12028
	1%	1%	1%	1%	1%	2%
grade 5 events	13704	14847	12728	14962	16629	35320
	3%	3%	2%	3%	3%	7%
grade 6 events	8614	9857	8129	8690	9416	113615
	2%	2%	1%	1%	1%	24%
grade 7 events	360215	355448	414624	393688	410121	228523
	84%	78%	85%	82%	85%	49%

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	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	274.674872	274.683515482805	Subarray requested	NONE	NONE
Pointing Dec	-13.776767	-13.80289622105955	Alternating exposures requested	N	N
Pointing Roll	257.544179	257.754929833094	Primary exposure time	0.000000	3.2
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	112907584.184000	112906500.46995			
Observation start date	2001-07-30T19:12:00	2001-07-30T18:55:00			
Observation end time	112985584.184000	112986115.29808			
Observation end date	2001-07-31T16:52:00	2001-07-31T17:01:55			
Read mode	TIMED	TIMED			

2.3 Aspect



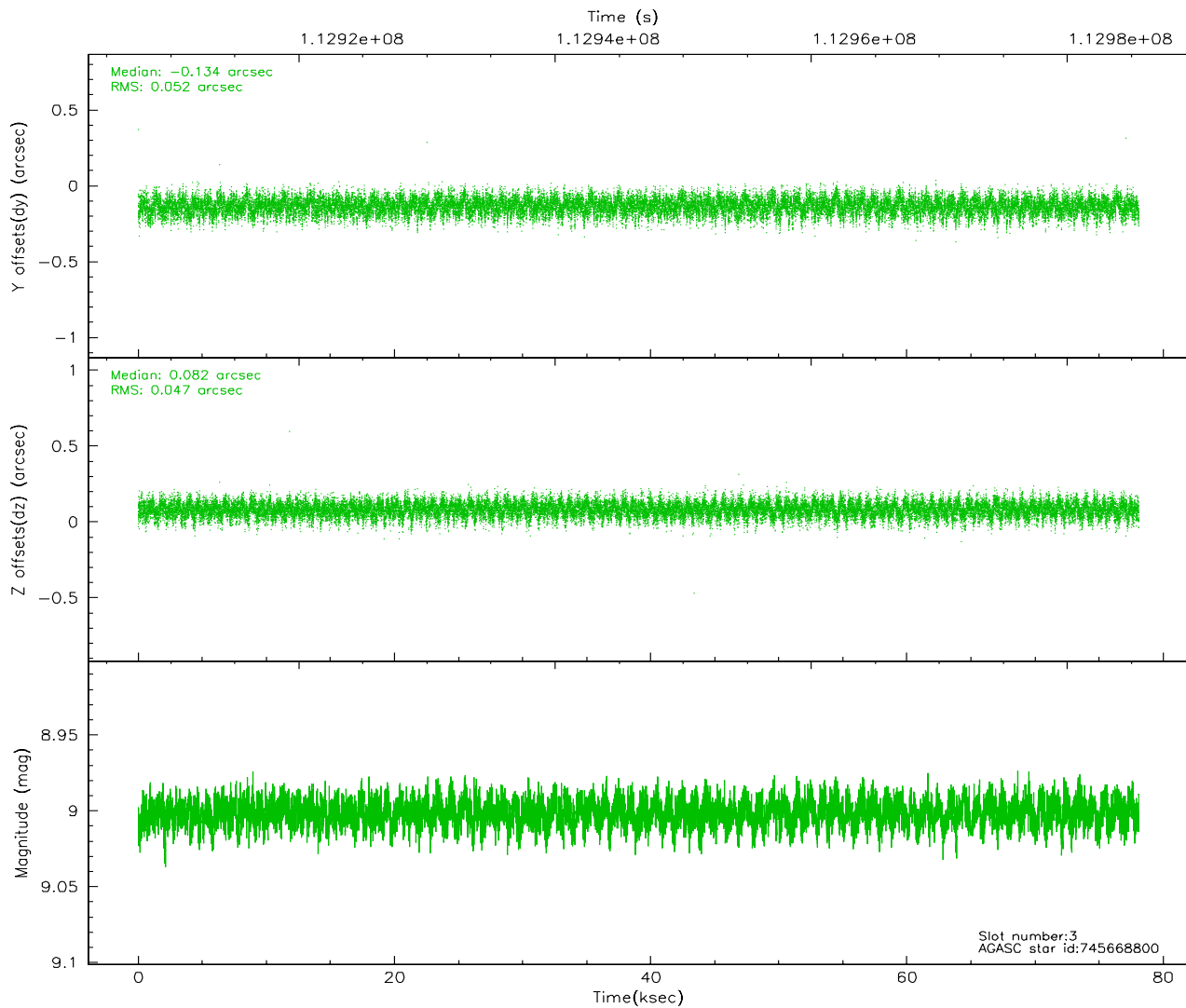
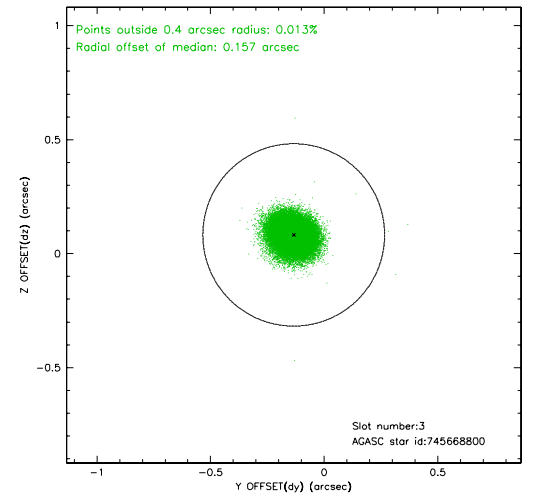
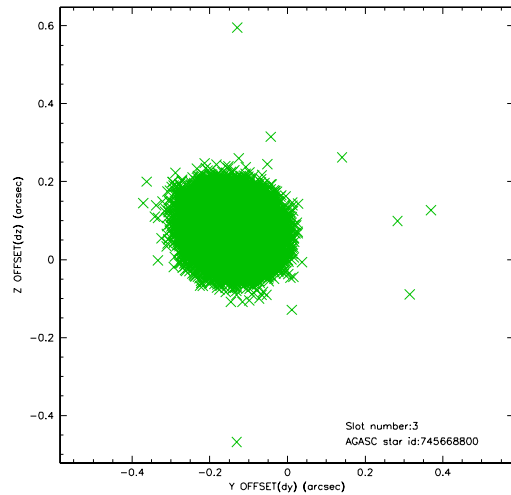


Slot Statistics

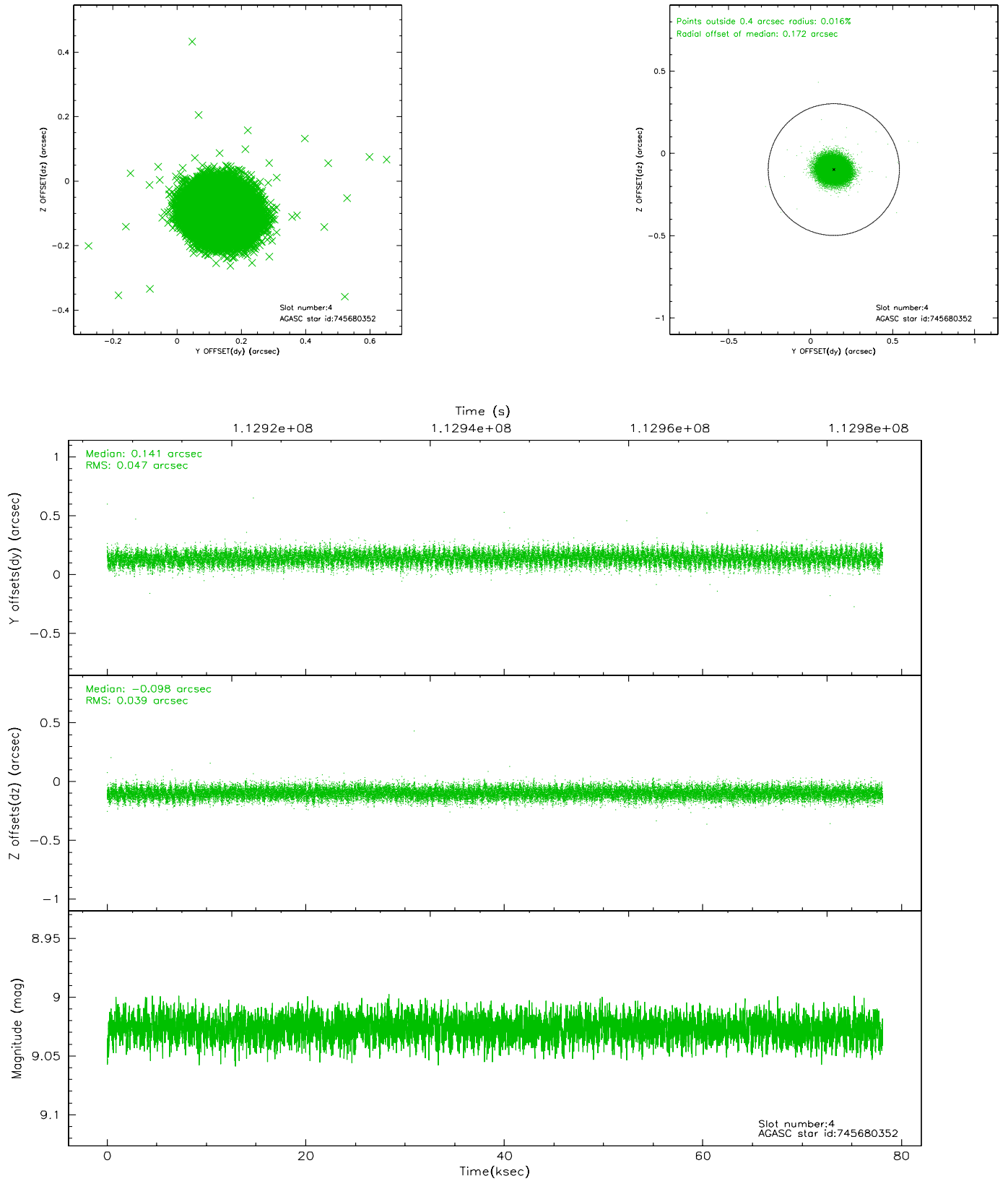
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	19032	-0.016	-0.030	0.010	0.017	0.000000	0.000000	-755.67	-835.22
1	FID	ACIS-I-4	7.18	19007	-0.073	0.027	0.008	0.013	0.000000	0.000000	2158.34	1071.06
2	FID	ACIS-I-5	7.23	19022	-0.012	0.072	0.011	0.017	0.000000	0.000000	-1809.60	1068.85
3	GUIDE	745668800	9.00	38035	-0.134	0.082	0.074	0.120	274.419304	-13.159026	-1978.06	-1354.01
4	GUIDE	745680352	9.03	38048	0.141	-0.098	0.066	0.106	274.602320	-14.174957	1454.45	62.26
5	GUIDE	745673984	9.26	38025	-0.014	0.048	0.079	0.131	274.591997	-13.386956	-1307.71	-585.69
6	GUIDE	745676944	8.94	38070	0.204	0.013	0.102	0.173	274.121102	-14.245583	2067.14	-1521.85
7	GUIDE	745669520	9.01	38058	-0.205	-0.045	0.062	0.102	274.962834	-13.466069	-1309.36	743.60

2.4 Star Slots

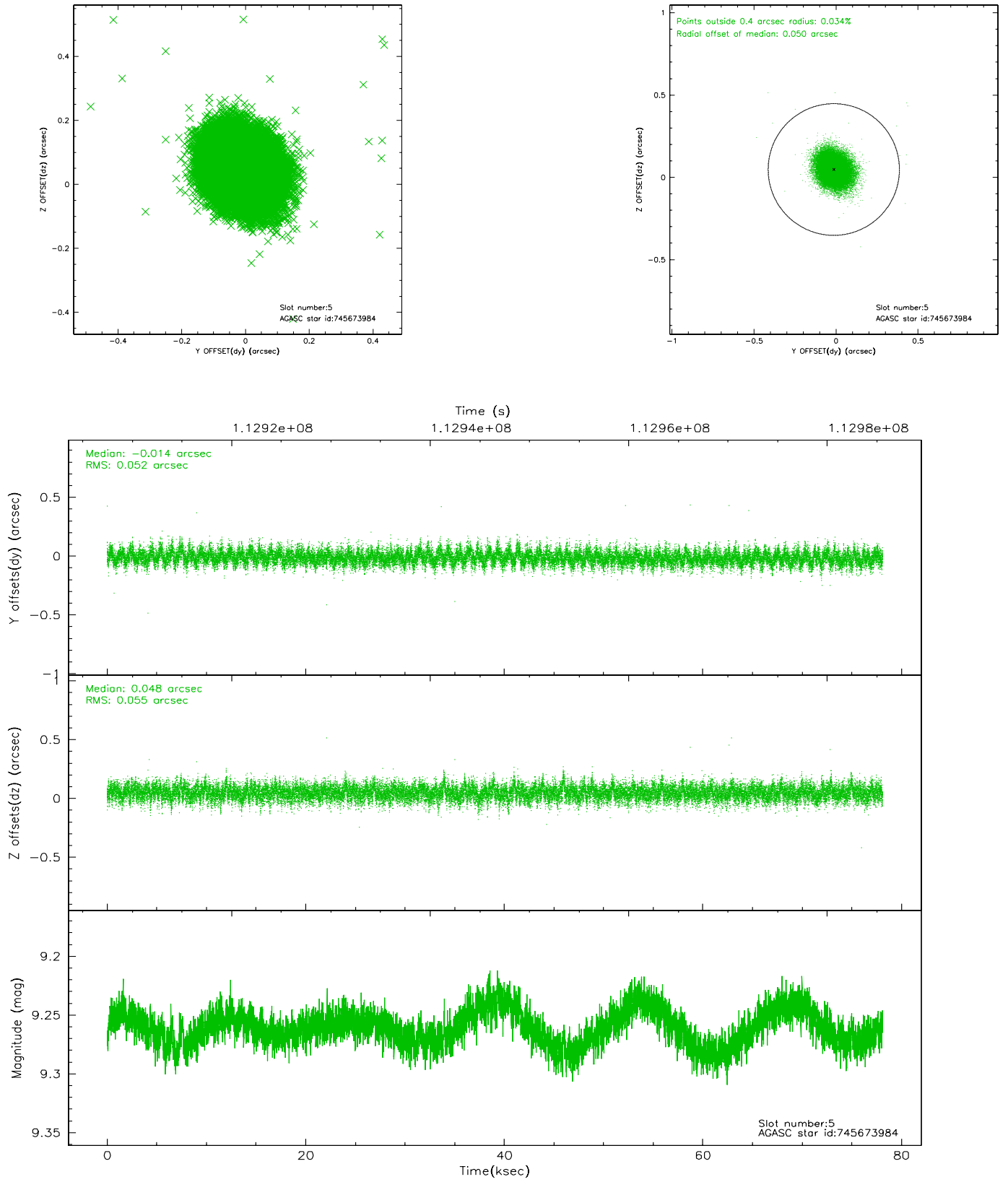
2.4.1 Slot 3



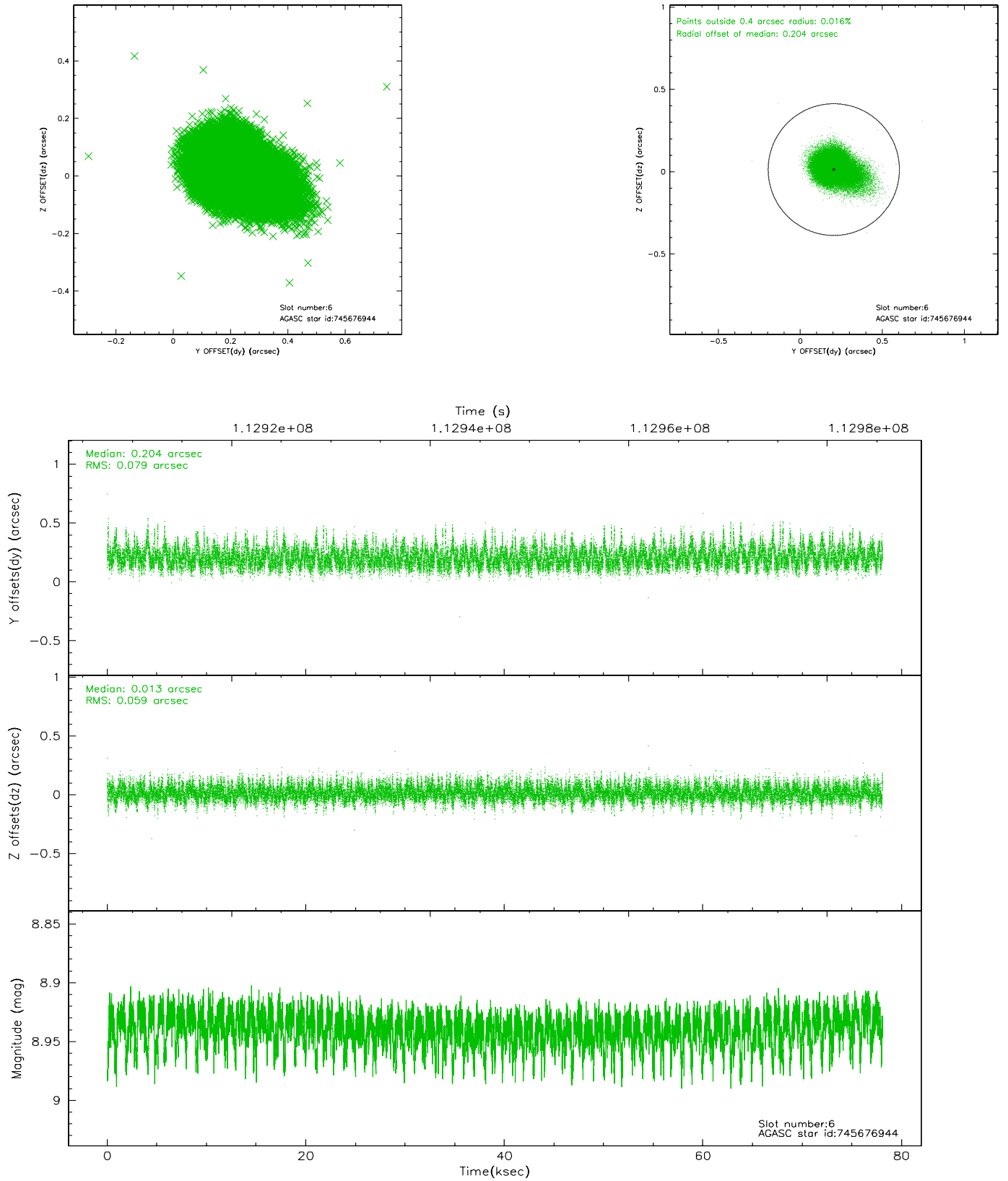
2.4.2 Slot 4



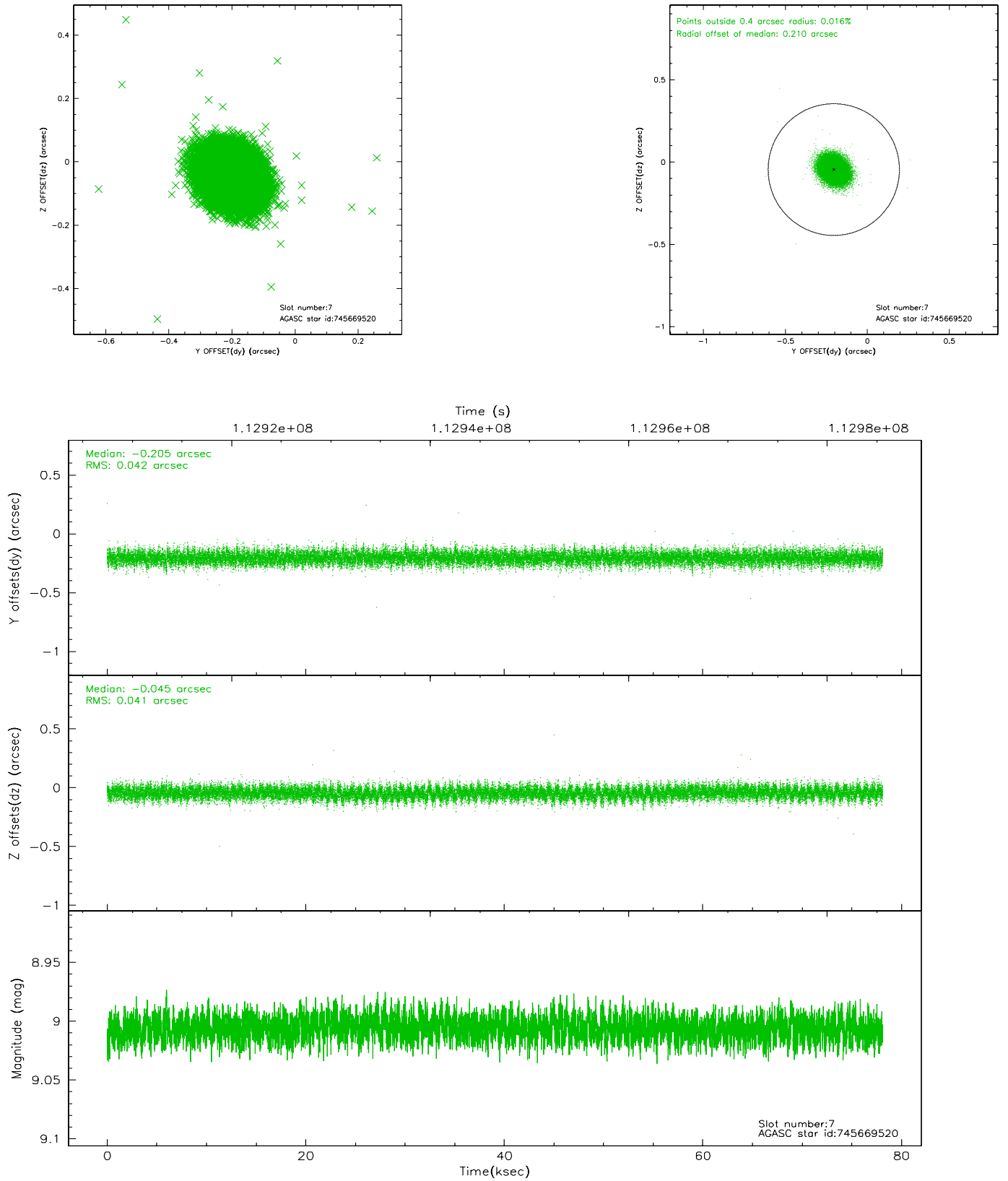
2.4.3 Slot 5



2.4.4 Slot 6

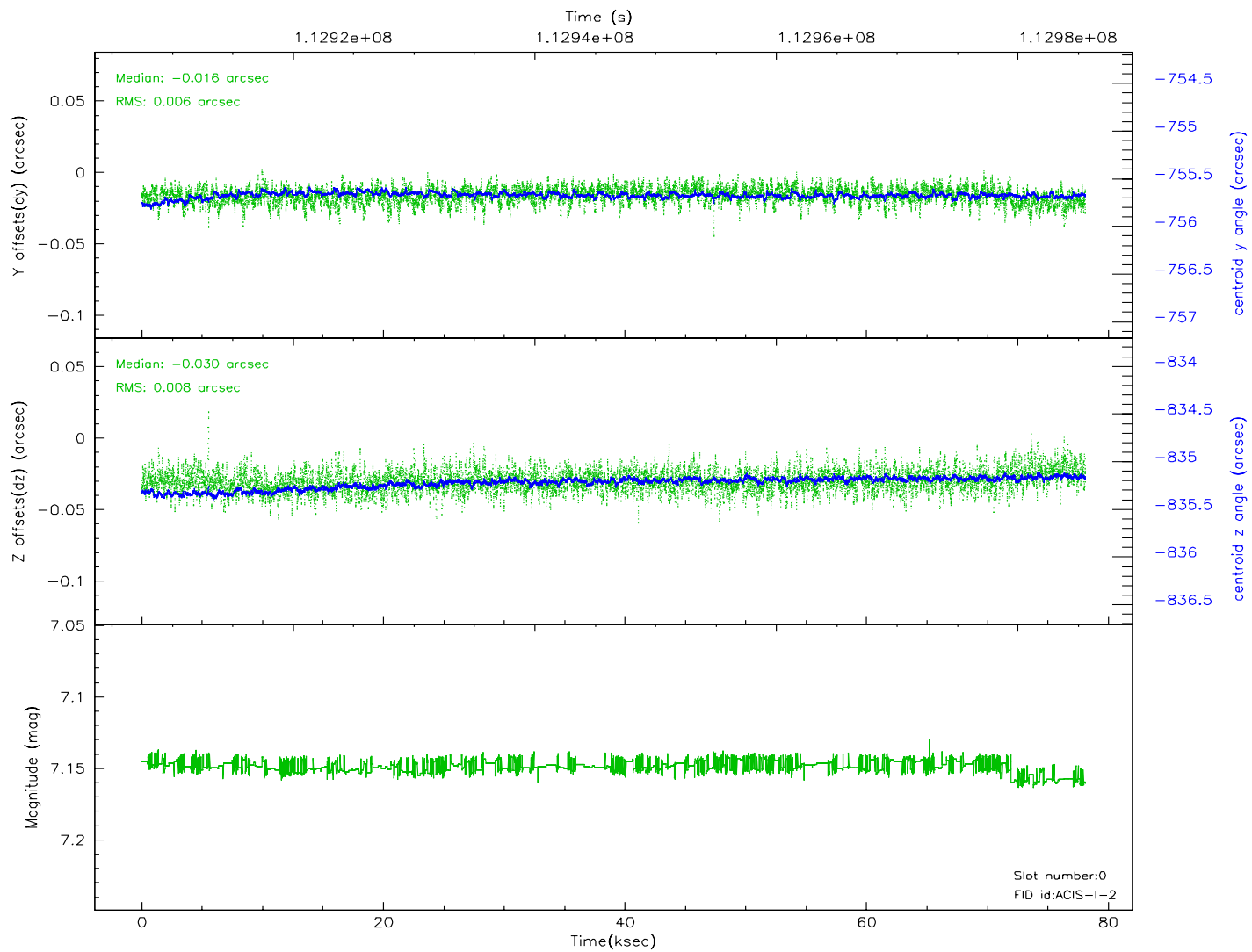
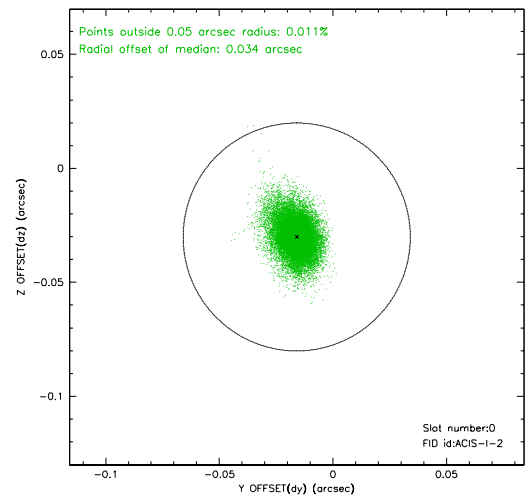
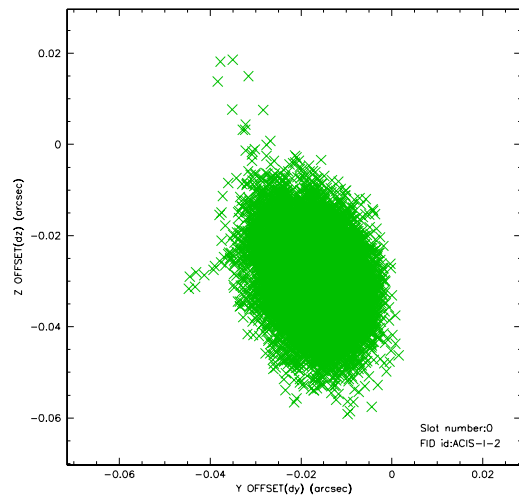


2.4.5 Slot 7

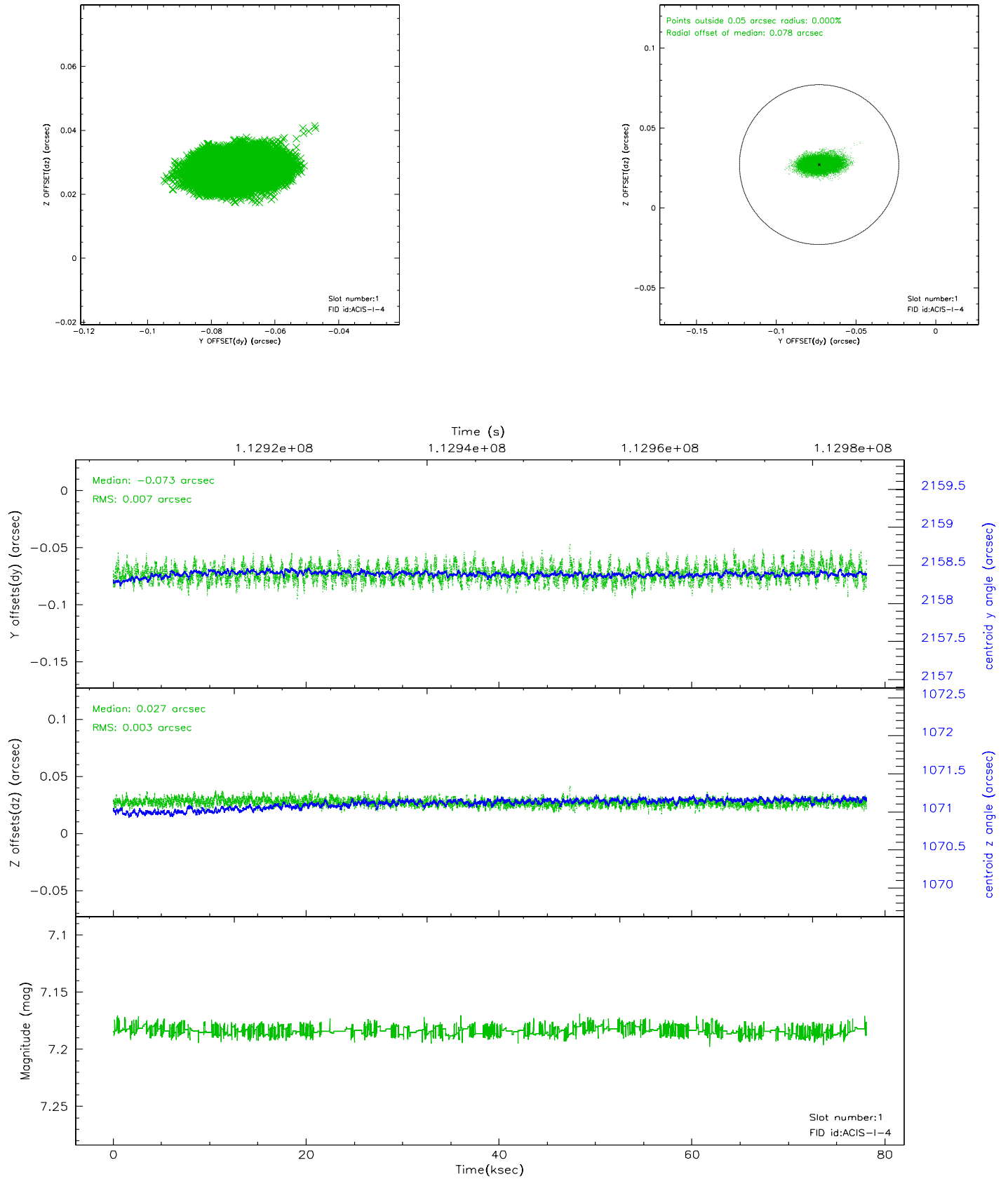


2.5 FID Slots

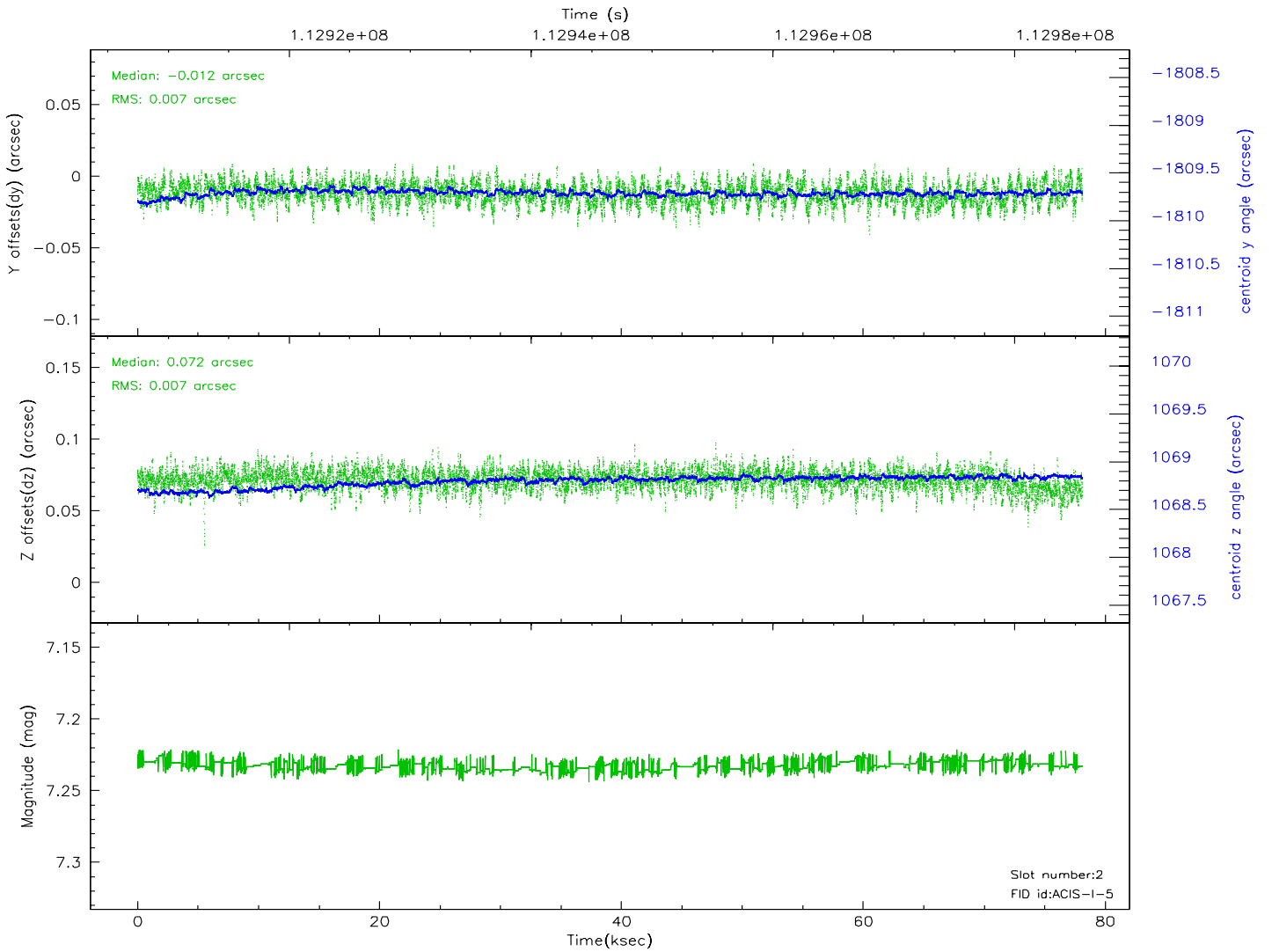
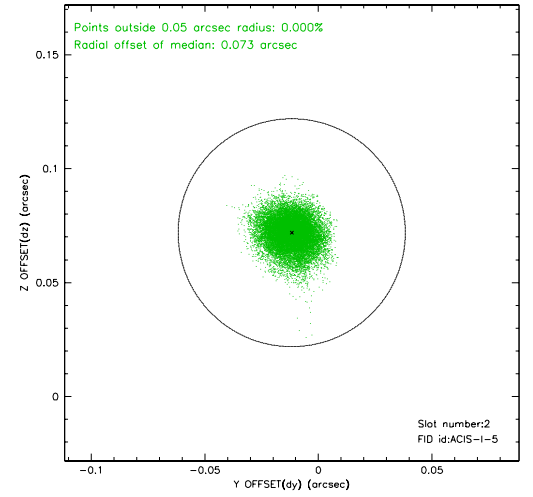
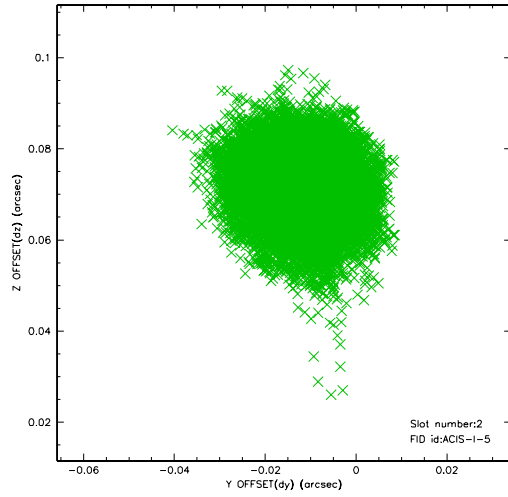
2.5.1 Slot 0



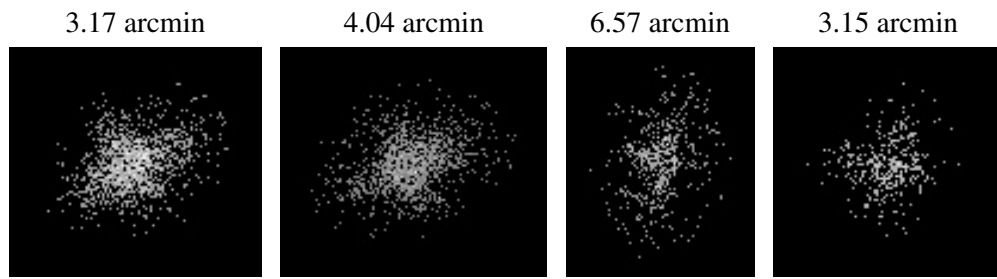
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.12.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	78.115

A.2 Comments