

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3592 - L2 Version 001
Chandra X-Ray Center

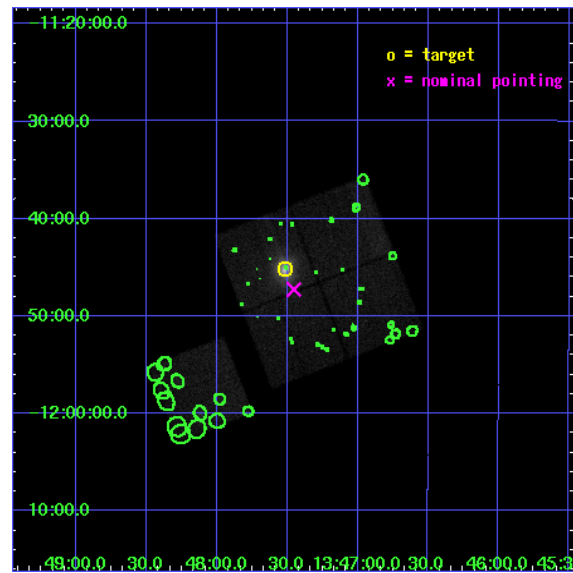
L2 Processing Date : Jul 8 2006

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1 Front

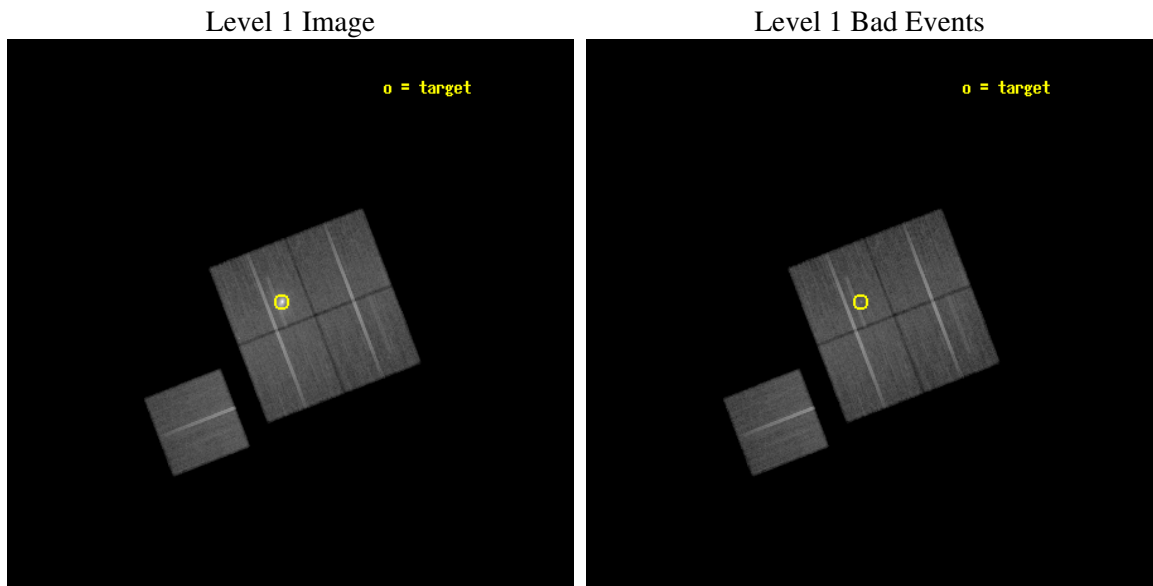
seq_num	800313
obs_id	3592
title	X-RAY/SZ DETERMINATION OF COSMOLOGICAL PARAMETERS
observer	DR. LEON VANSPEYBROECK
object	RXJ1347.5-1145
dtcycle	0
cycle	P
ra_targ	206.878958
dec_targ	-11.753611
ra_nom	206.86330387669
dec_nom	-11.787984688189
roll_nom	248.91651441899
revision	2
ontime	58478.399887562
livetime	57714.336541859
ontime0	58475.258927315
ontime1	58468.977056623
ontime2	58475.258917302
ontime3	58478.399887562
ontime6	58475.258897394
l2events	196852



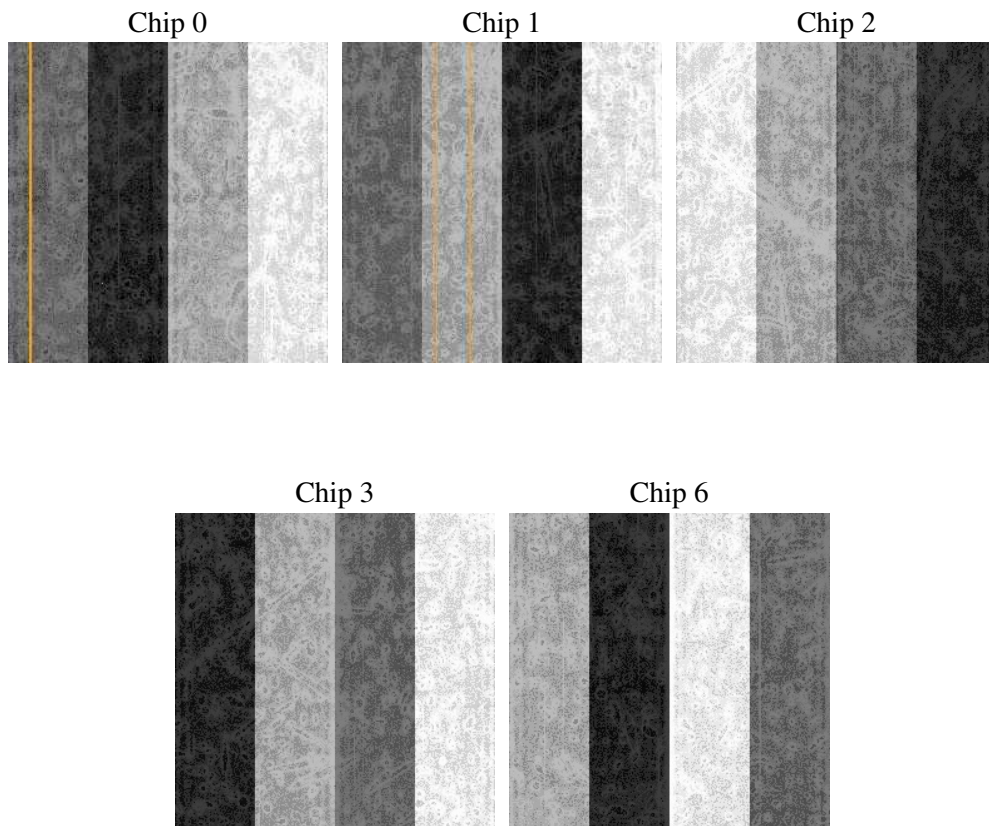
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldbver	3.2.2
date	2006-07-08T02:53:31
revision	2

sched_exp_time	58700.000000
ontime	58482.287264705
ontime0	58479.146304458
ontime1	58472.864433765
ontime2	58479.146294445
ontime3	58482.287264705
ontime6	58479.146224678
l1events	1585012

2.1.4 Events

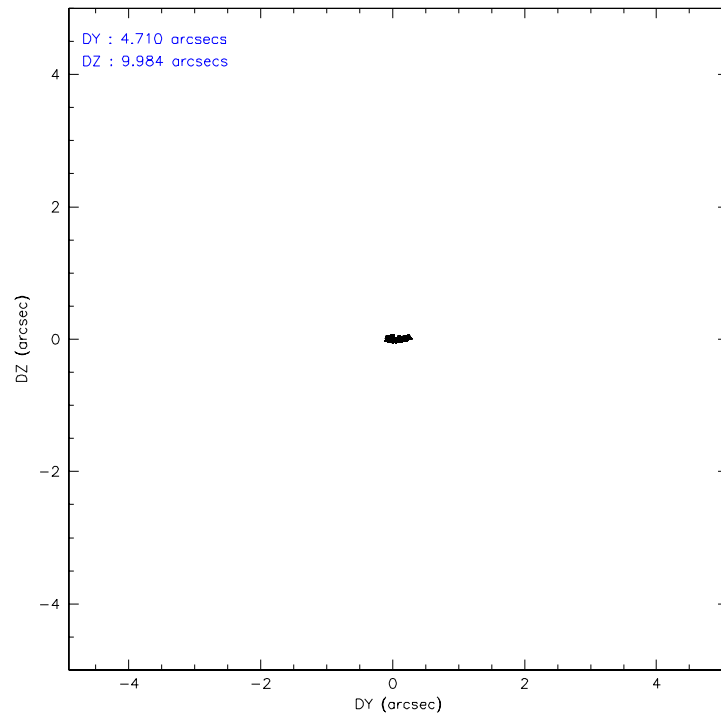
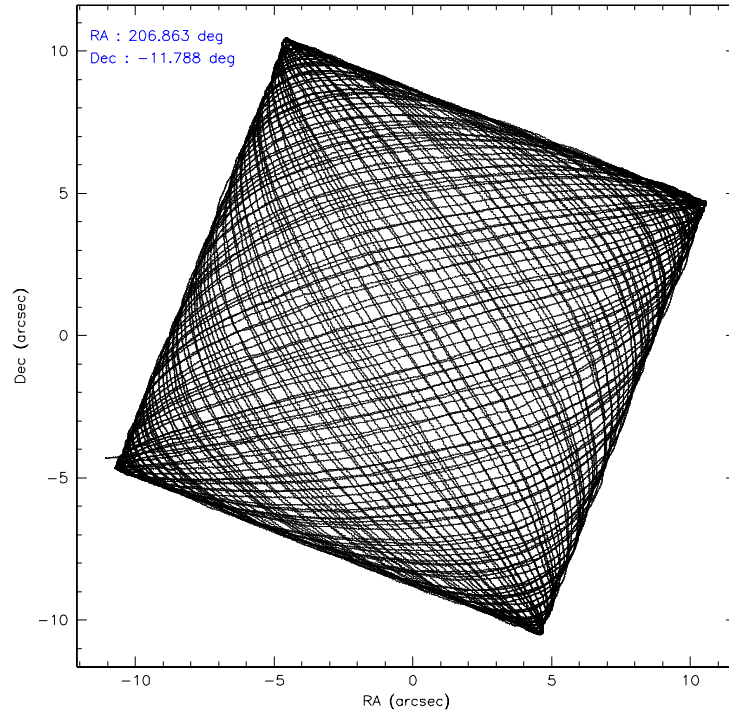
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	286129	289414	322107	379485	307877
rejected events	255519	254856	291535	282905	275846
rejected %	89%	88%	90%	74%	89%

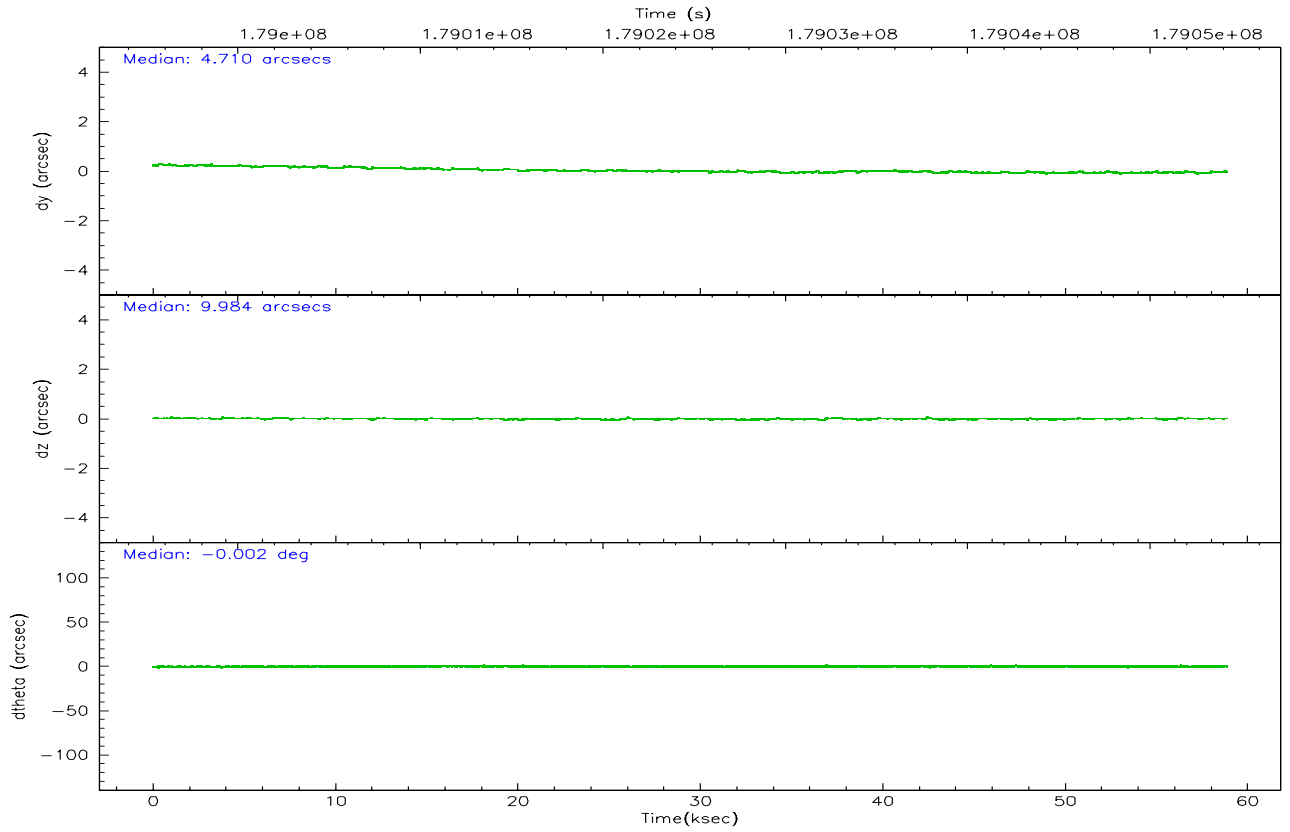
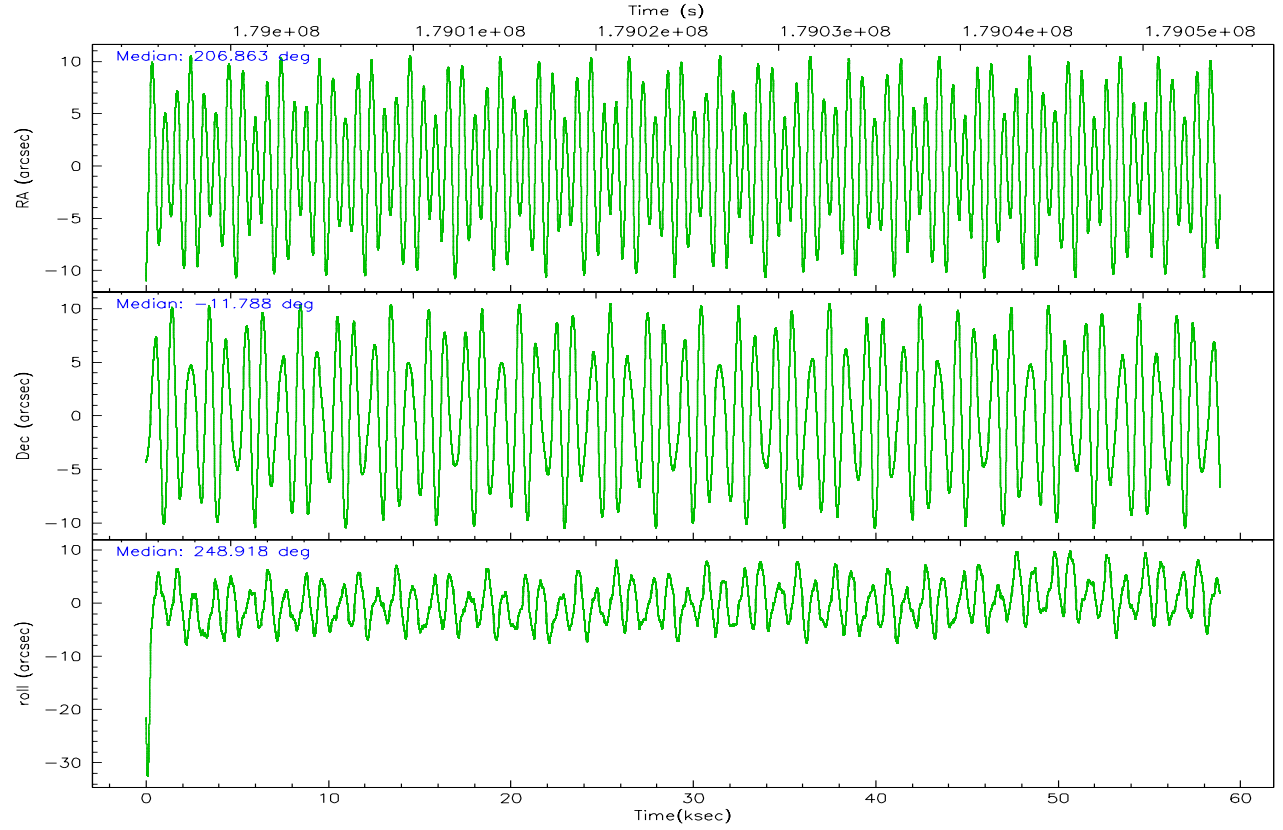
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	10556	12680	11461	65543	11621
	3%	4%	3%	17%	3%
grade 1 events	143	150	144	483	136
	0%	0%	0%	0%	0%
grade 2 events	7176	7362	6970	12714	6696
	2%	2%	2%	3%	2%
grade 3 events	3610	3941	3408	5443	3589
	1%	1%	1%	1%	1%
grade 4 events	3351	3861	3441	5439	3536
	1%	1%	1%	1%	1%
grade 5 events	10735	11510	10206	12372	12048
	3%	3%	3%	3%	3%
grade 6 events	5917	6714	5293	7443	6592
	2%	2%	1%	1%	2%
grade 7 events	244641	243196	281184	270048	263659
	85%	84%	87%	71%	85%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	206.858853	206.8633038766867	Alternating exposures requested	N	N
Pointing Dec	-11.760970	-11.78798468818914	Primary exposure time	0.000000	3.1
Pointing Roll	248.706929	248.9165144189853			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-227.592463	-227.5958210972112			
SIM translation stage offset (mm)	-6	-5.996631905718488			
Observation start time	178995520.184000	178995045.35298			
Observation start date	2003-09-03T16:57:36	2003-09-03T16:50:45			
Observation end time	179054220.184000	179055192.35556			
Observation end date	2003-09-04T09:15:56	2003-09-04T09:33:12			
Read mode	TIMED	TIMED			

2.3 Aspect



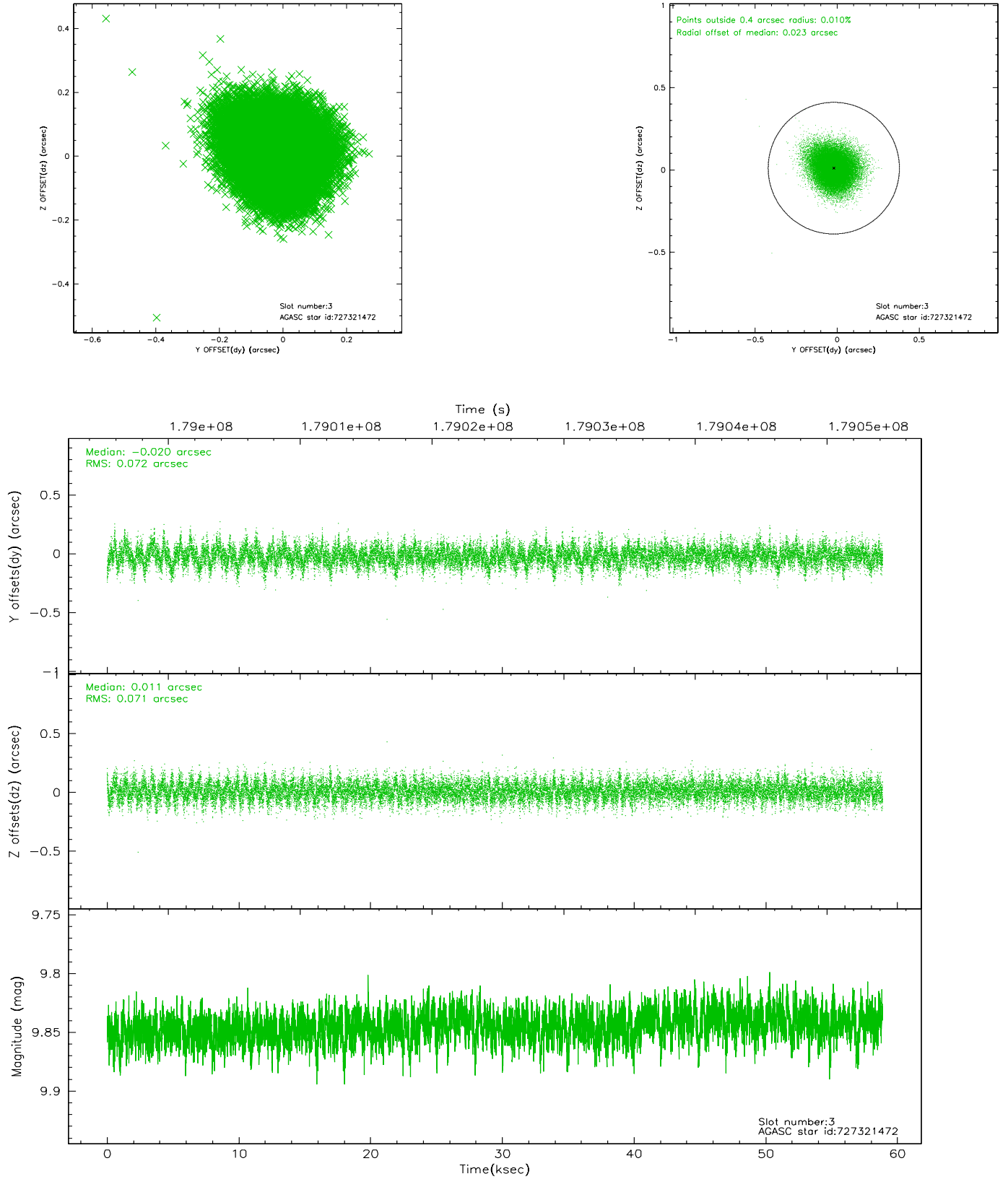


Slot Statistics

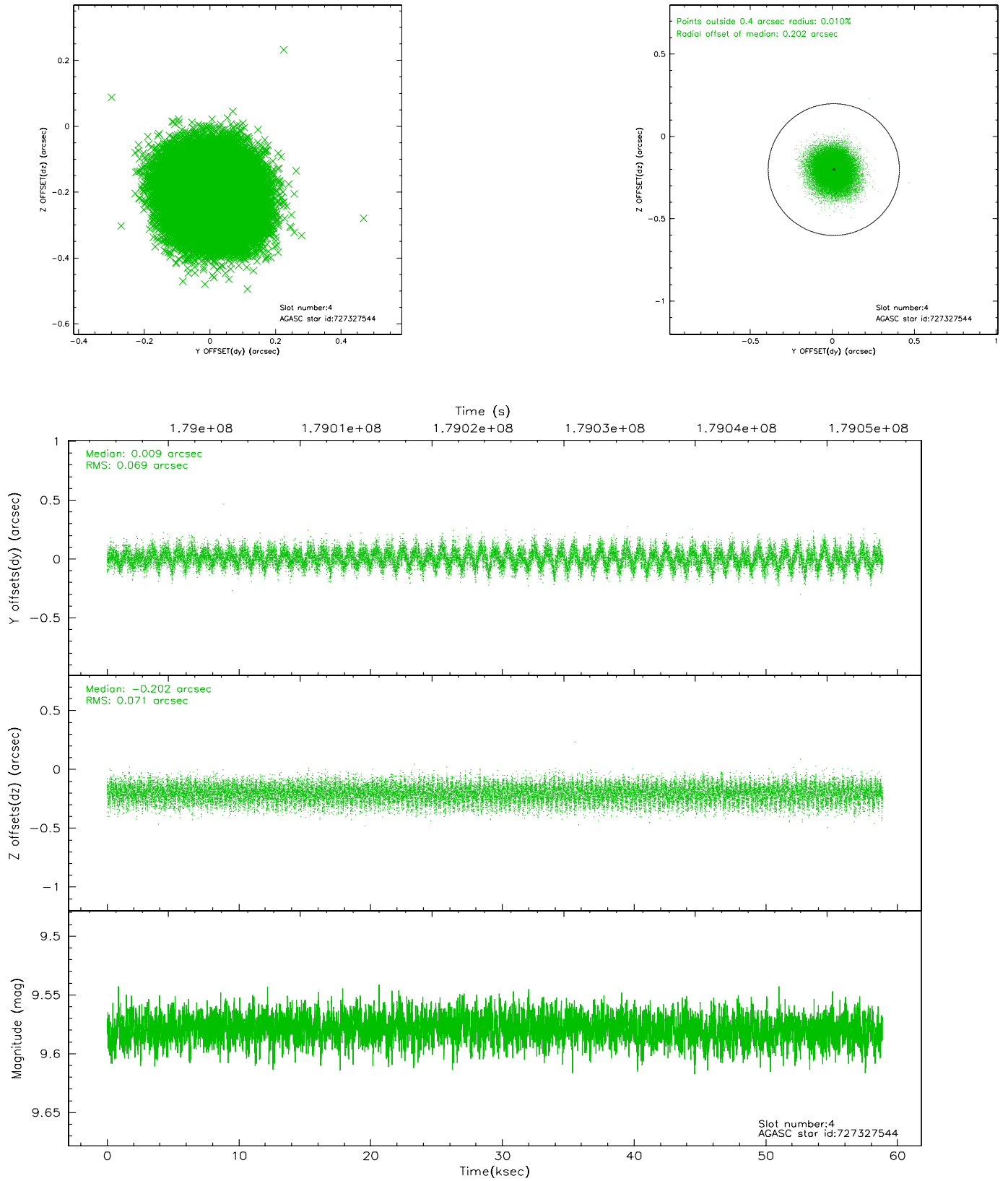
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.22	14361	0.060	-0.011	0.006	0.011	0.000000	0.000000	934.94	-956.55
1	FID	ACIS-I-5	7.22	14362	-0.207	0.069	0.007	0.011	0.000000	0.000000	-1813.45	941.04
2	FID	ACIS-I-6	7.25	14360	0.056	0.013	0.007	0.011	0.000000	0.000000	400.53	1585.44
3	GUIDE	727321472	9.84	28695	-0.020	0.011	0.107	0.176	206.729745	-11.411859	-1004.99	-880.76
4	GUIDE	727327544	9.58	28708	0.009	-0.202	0.107	0.170	206.398747	-11.483258	-340.54	-1875.12
5	GUIDE	728236256	10.07	28700	0.020	0.251	0.180	0.304	207.126175	-12.399367	1800.89	1710.81
6	GUIDE	728236632	9.66	28709	0.121	-0.165	0.093	0.152	206.842205	-12.122561	1234.70	418.09
7	GUIDE	728245744	8.67	28714	-0.130	0.109	0.070	0.110	206.959040	-11.284446	-1726.42	-293.14

2.4 Star Slots

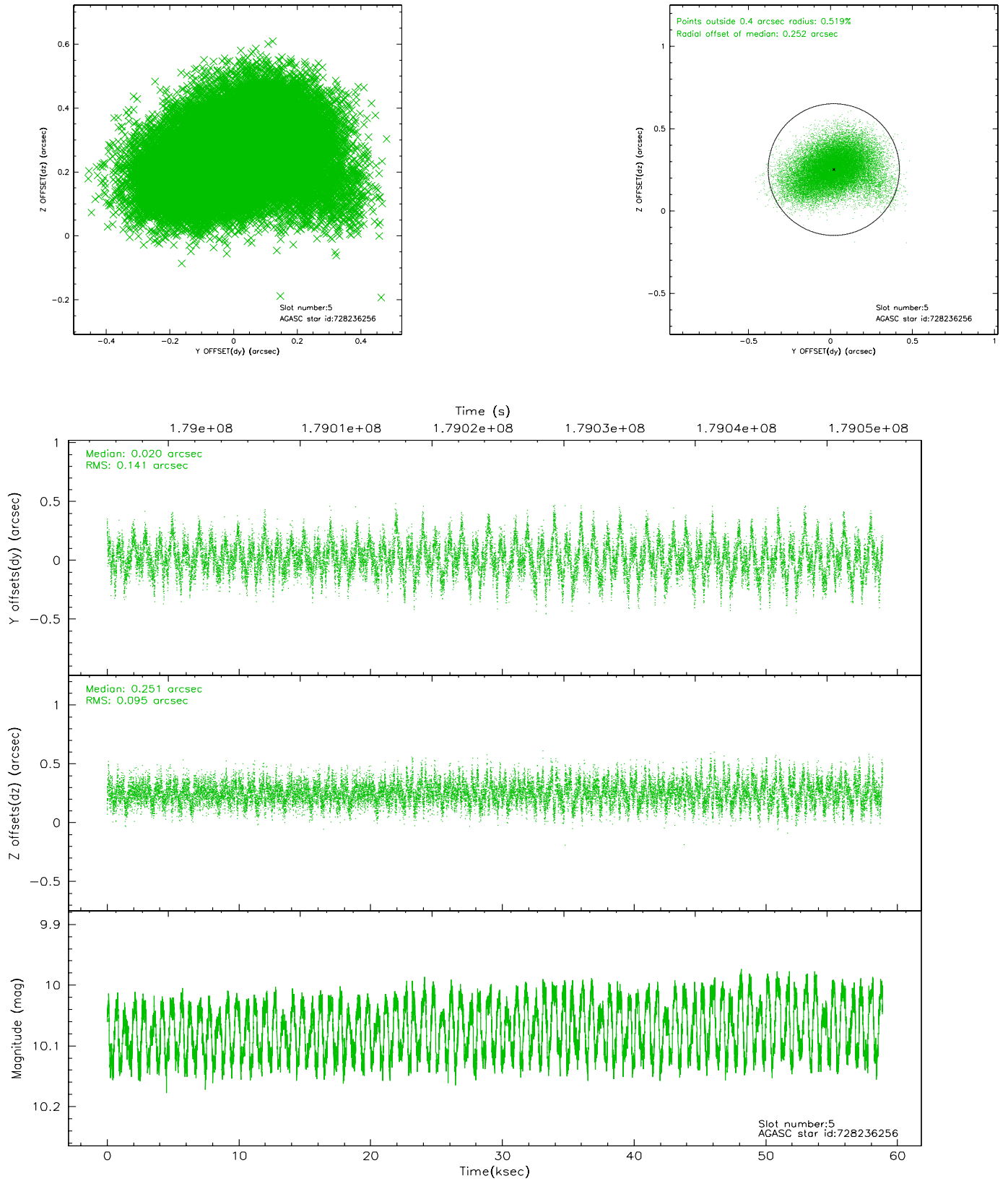
2.4.1 Slot 3



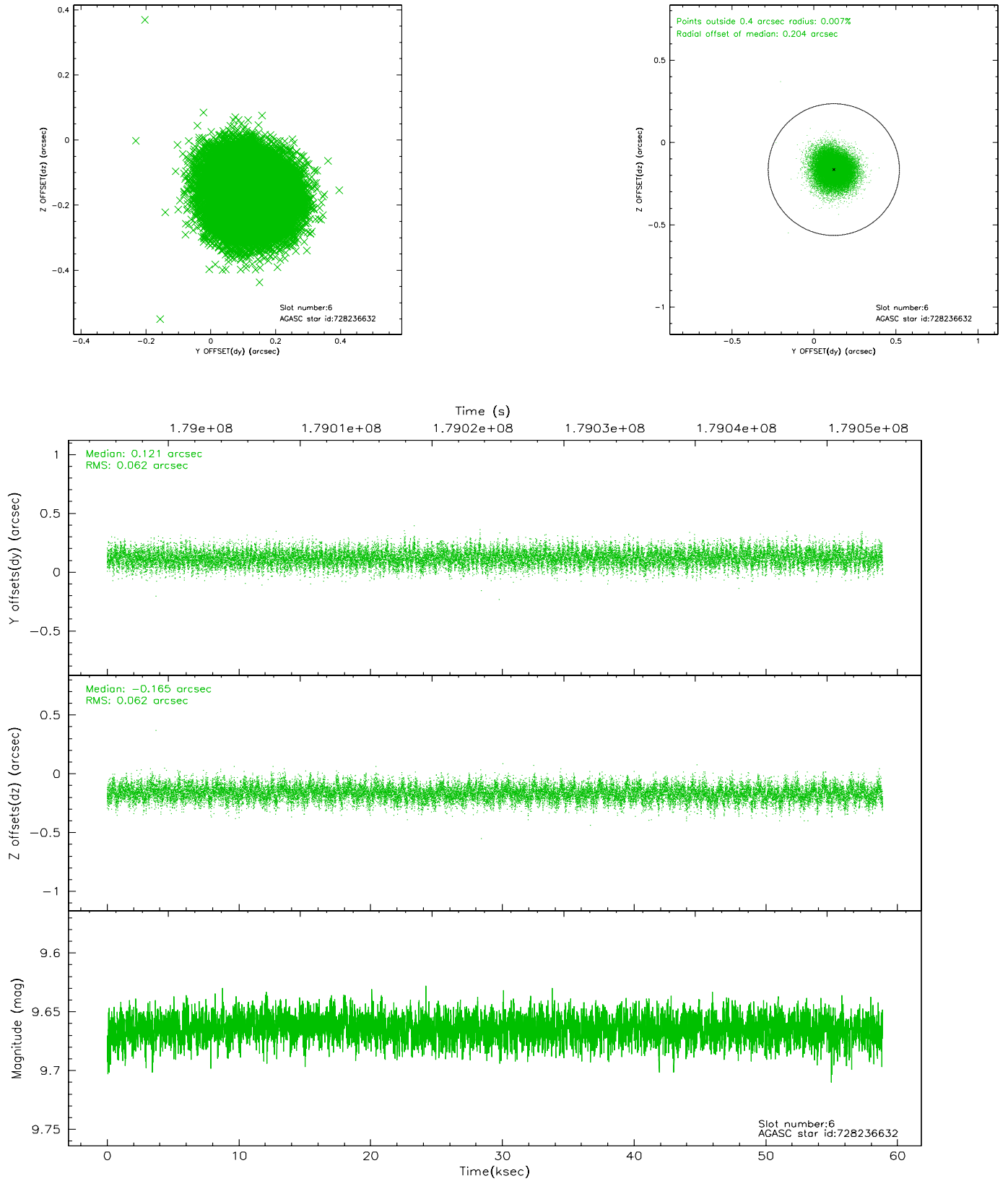
2.4.2 Slot 4



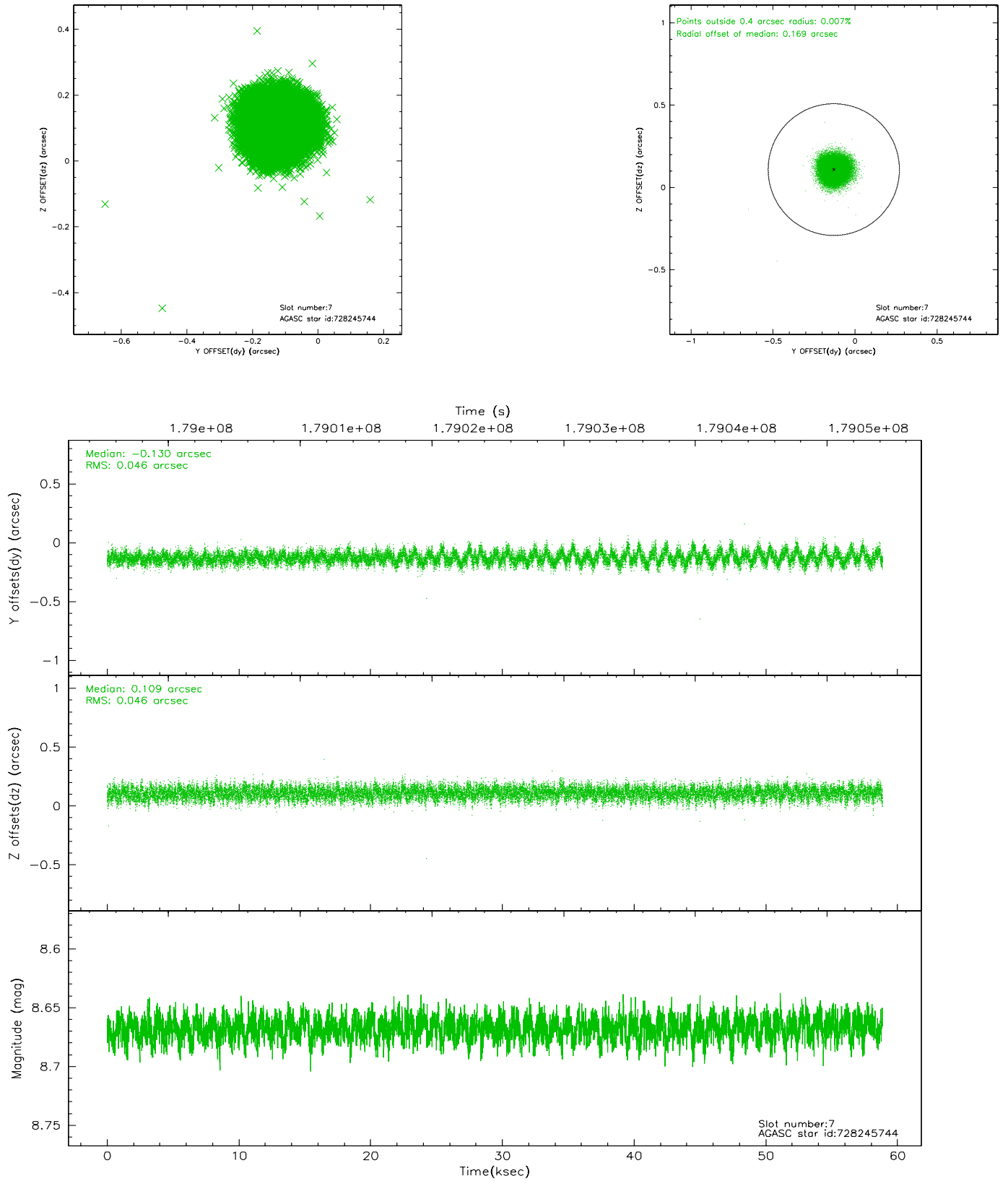
2.4.3 Slot 5



2.4.4 Slot 6

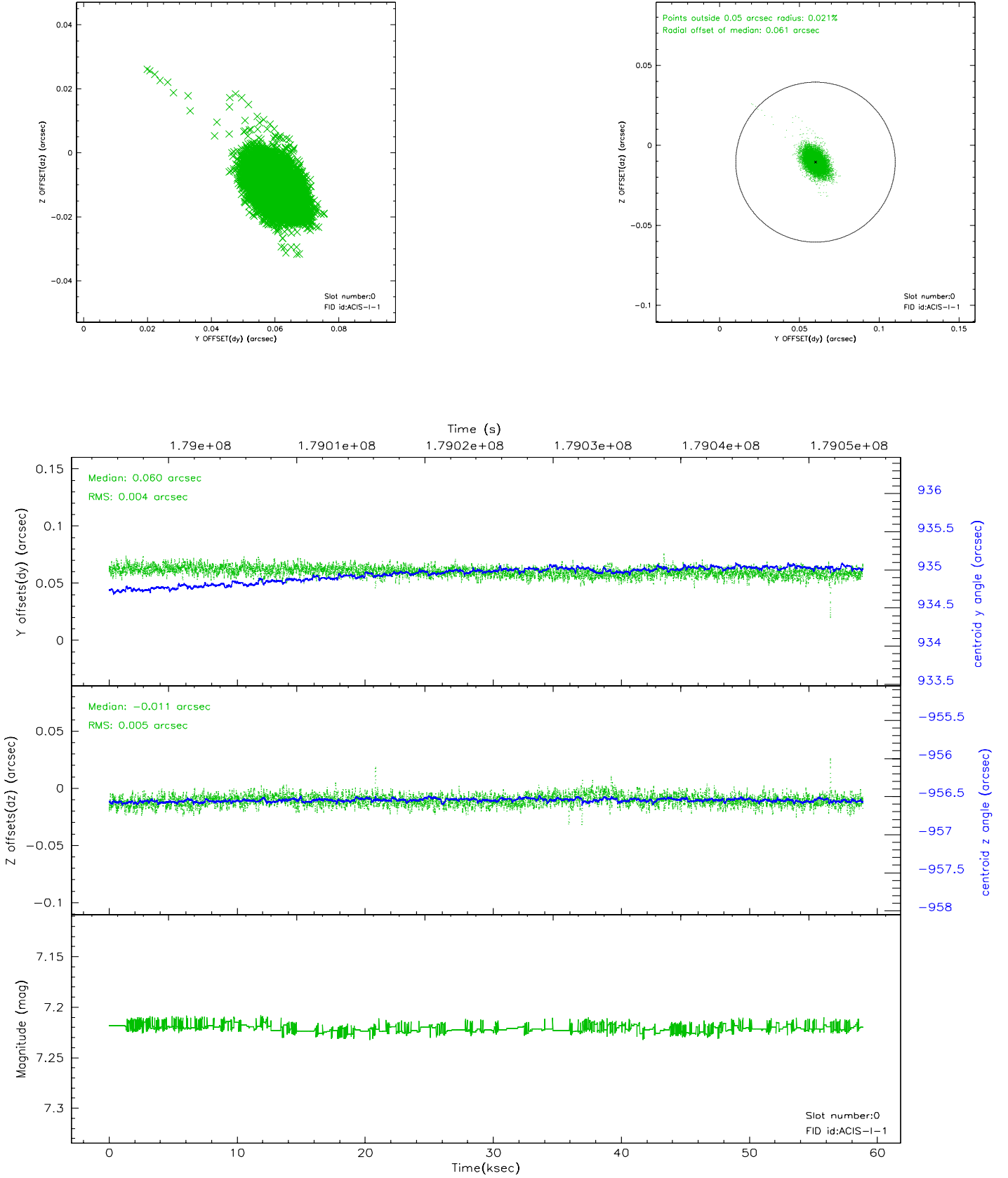


2.4.5 Slot 7

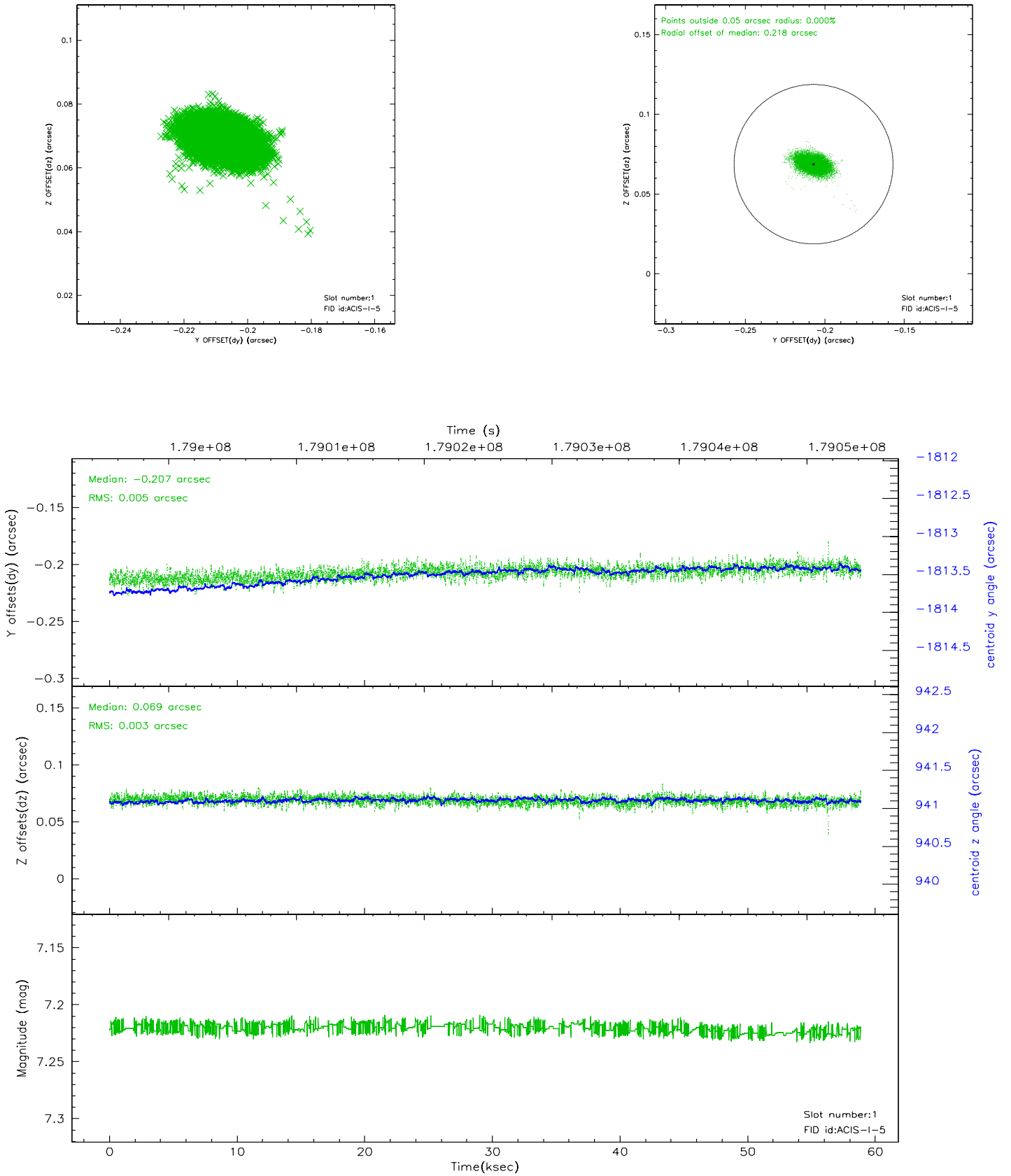


2.5 FID Slots

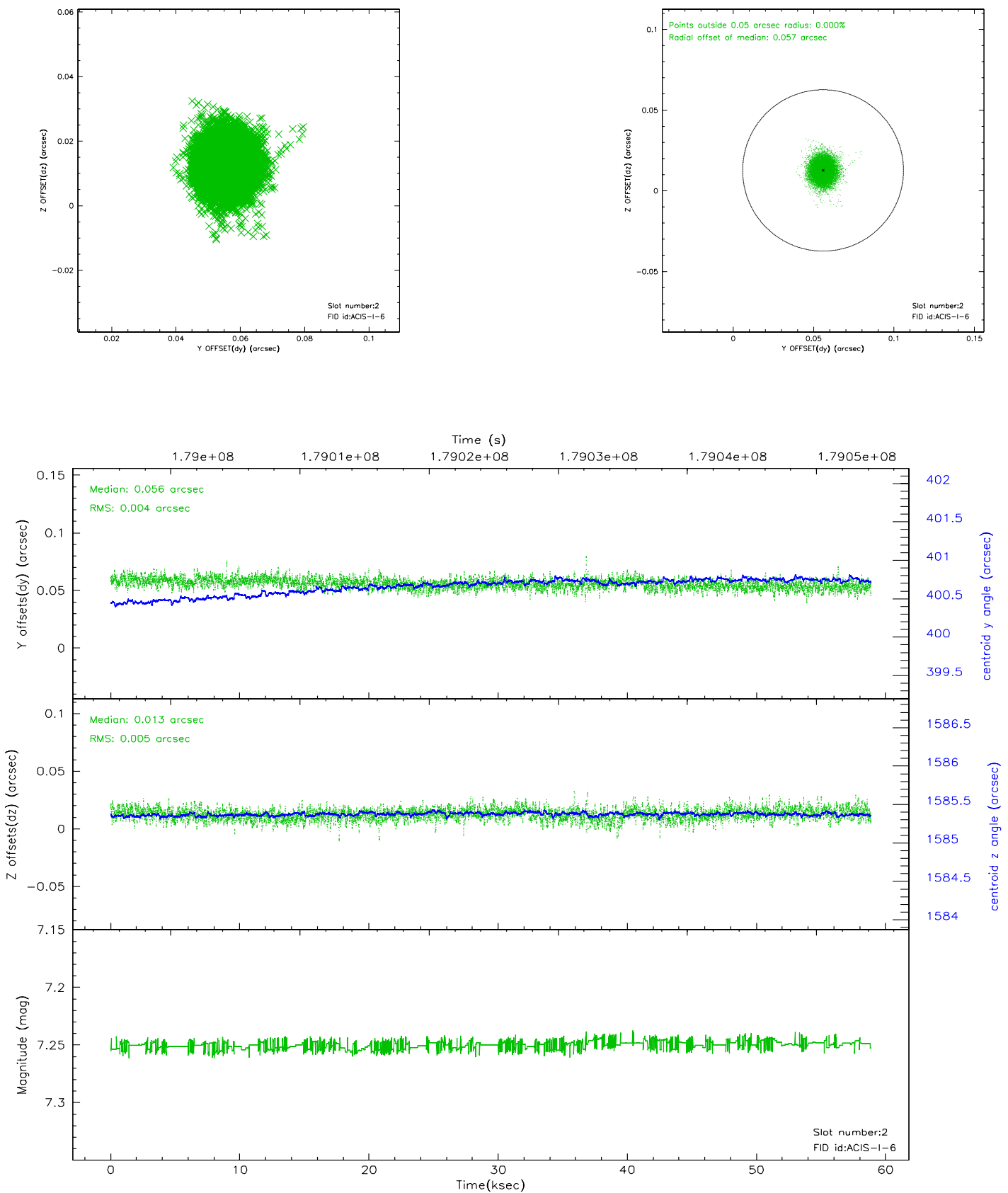
2.5.1 Slot 0



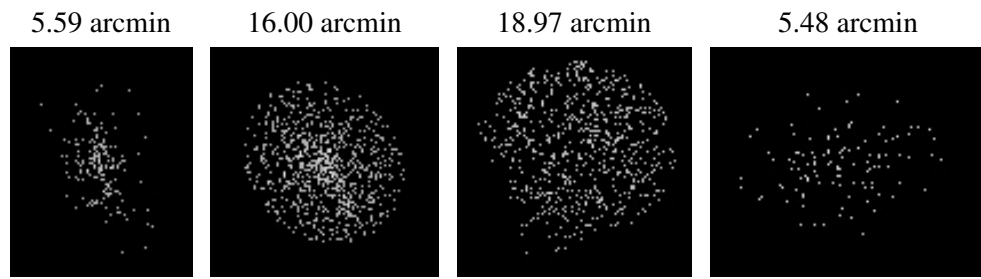
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	58.478

A.2 Comments