

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2404 - L2 Version 001
Chandra X-Ray Center

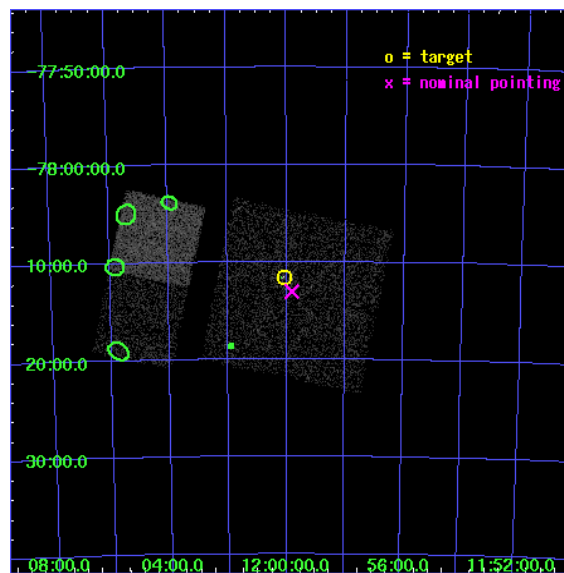
L2 Processing Date : Nov 25 2006

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1 Front

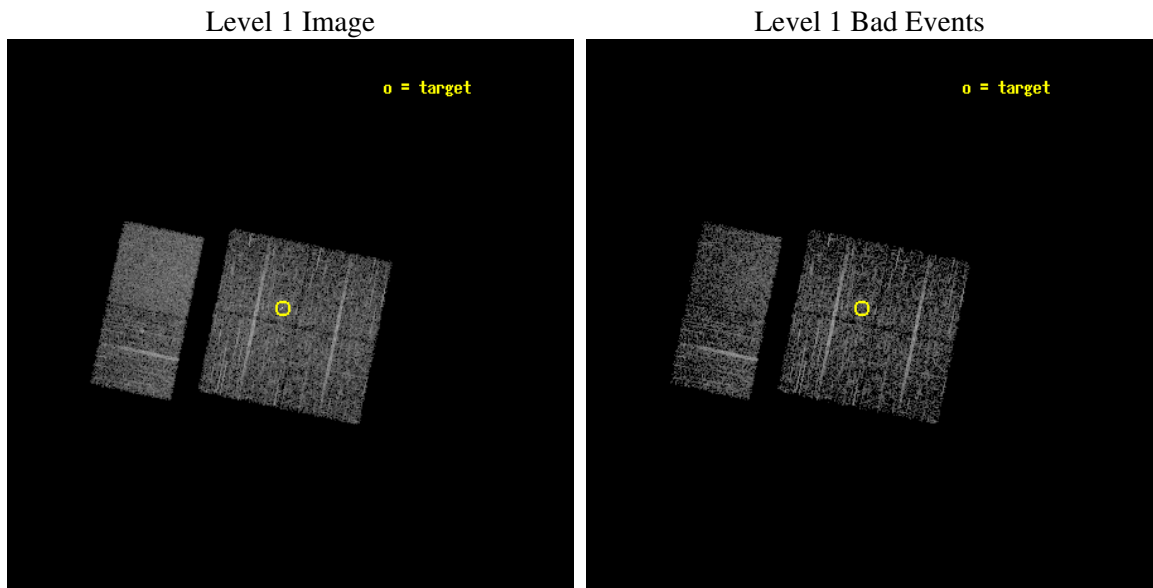
seq_num	200128
obs_id	2404
title	OBSERVATION OF SCO-CEN OUTLYERS
observer	Professor Gordon Garmire
object	HD104237
dtcycle	0
cycle	P
ra_targ	180.02125
dec_targ	-78.193056
ra_nom	179.95346142118
dec_nom	-78.217476389932
roll_nom	281.77433031092
revision	2
ontime	2995.2000027895
livetime	2957.2729768613
ontime0	2995.2000027895
ontime1	2995.2000027895
ontime2	2995.2000027895
ontime3	2995.2000027895
ontime6	2995.2000027895
ontime7	2995.2000027895
l2events	19328



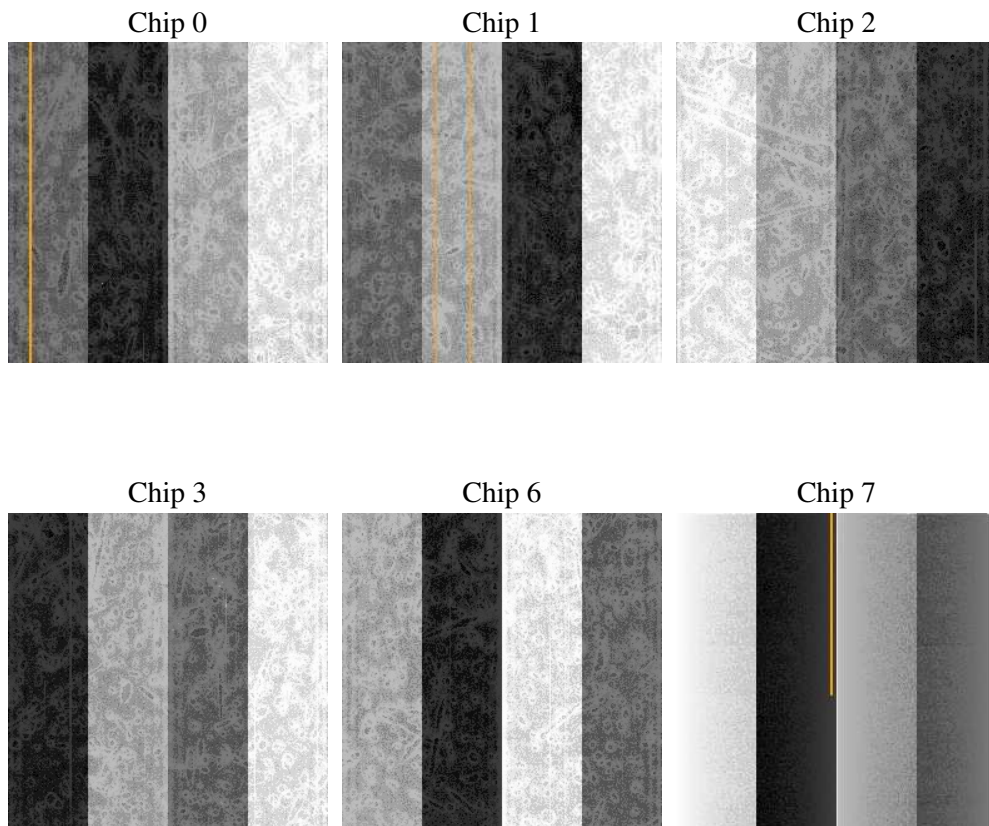
2 OBI

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	2006-11-25T06:33:23
revision	2

sched_exp_time	2920.000000
ontime	3001.1627970189
ontime0	3001.1627970189
ontime1	3001.1627970189
ontime2	3001.1627970189
ontime3	3001.1627970189
ontime6	3001.1627970189
ontime7	3001.1628269404
l1events	120619

2.1.4 Events

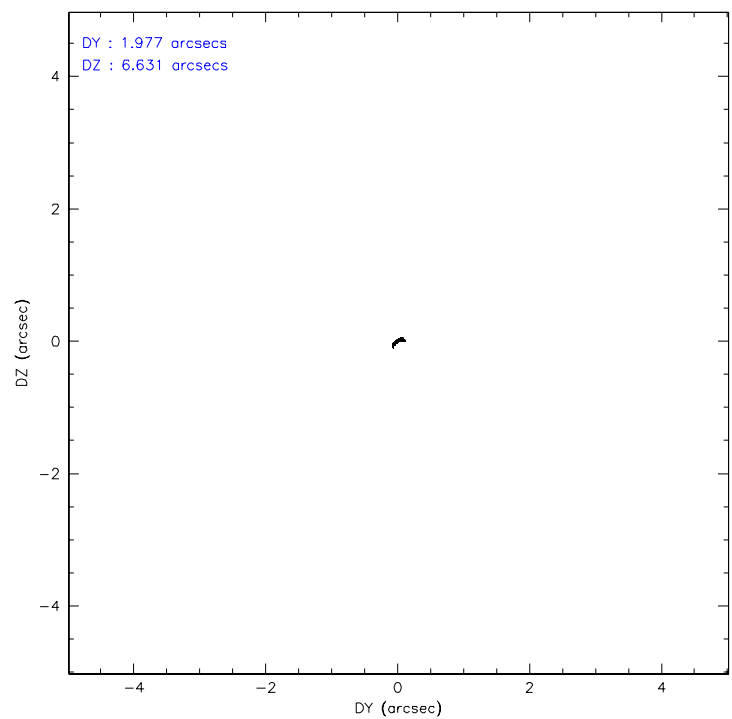
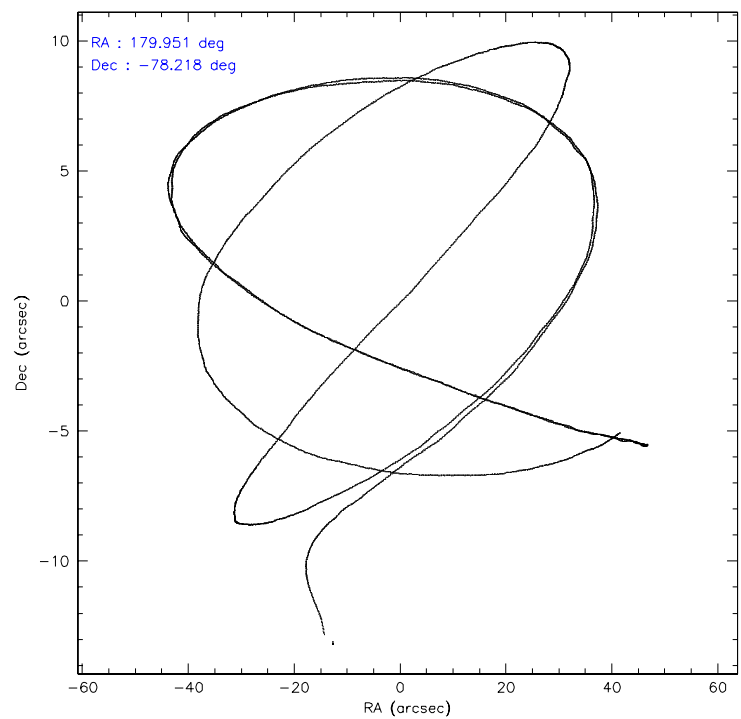
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	17108	18105	20901	19701	19516	25288
rejected events	14895	15773	18727	16982	17219	15711
rejected %	87%	87%	89%	86%	88%	62%

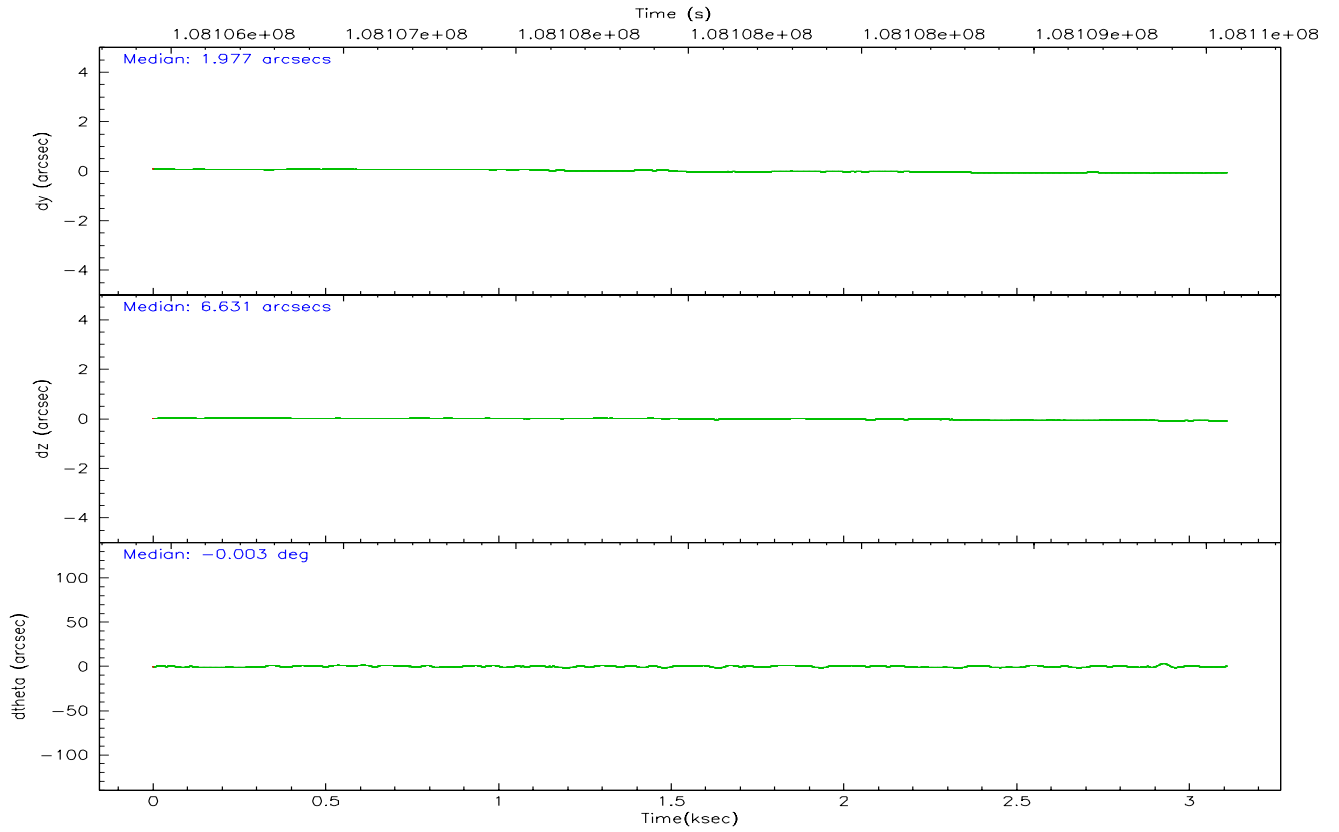
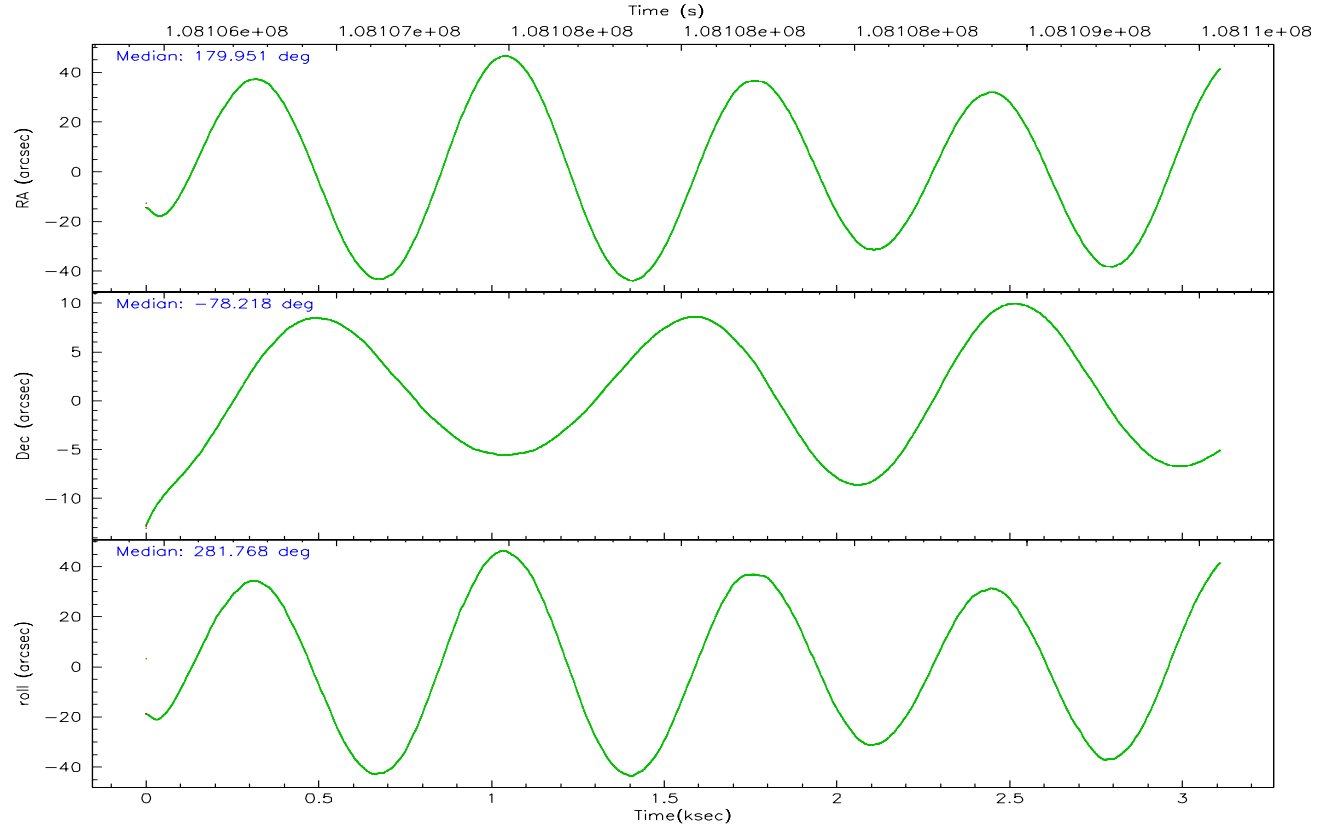
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	906	944	942	1419	1008	556
	5%	5%	4%	7%	5%	2%
grade 1 events	8	11	8	21	9	10
	0%	0%	0%	0%	0%	0%
grade 2 events	492	455	471	503	440	2354
	2%	2%	2%	2%	2%	9%
grade 3 events	191	263	197	196	194	498
	1%	1%	0%	0%	0%	1%
grade 4 events	219	243	209	211	221	518
	1%	1%	0%	1%	1%	2%
grade 5 events	693	678	637	743	895	1681
	4%	3%	3%	3%	4%	6%
grade 6 events	410	433	364	395	437	5671
	2%	2%	1%	2%	2%	22%
grade 7 events	14189	15078	18073	16213	16312	14000
	82%	83%	86%	82%	83%	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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	179.863825	179.9534614211803	Subarray requested	NONE	NONE
Pointing Dec	-78.196926	-78.21747638993151	Alternating exposures requested	N	N
Pointing Roll	281.477899	281.7743303109233	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	108106638.184000	108105615.01982			
Observation start date	2001-06-05T05:36:14	2001-06-05T05:20:15			
Observation end time	108109558.184000	108110100.42			
Observation end date	2001-06-05T06:24:54	2001-06-05T06:35:00			
Read mode	TIMED	TIMED			

2.3 Aspect



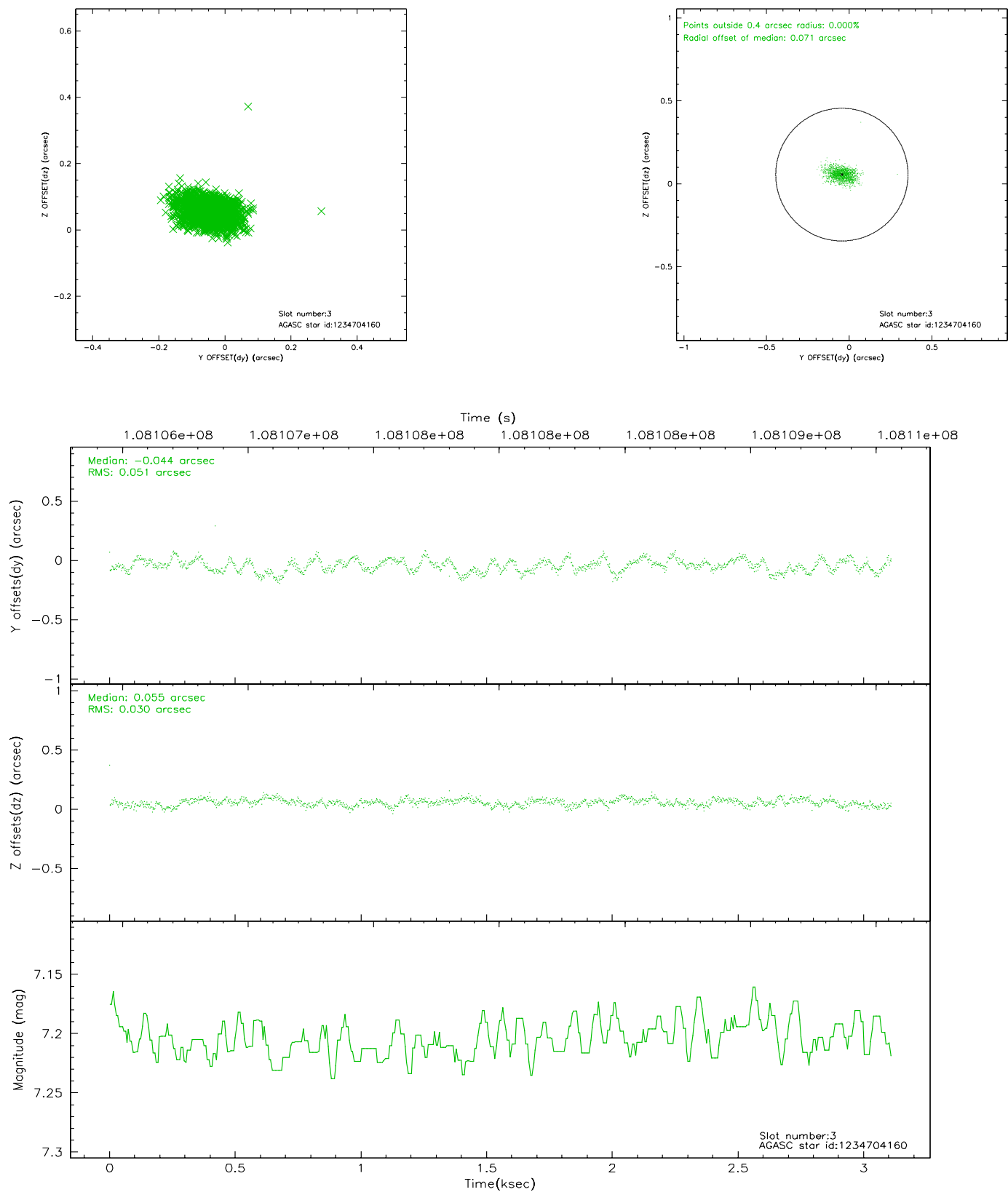


Slot Statistics

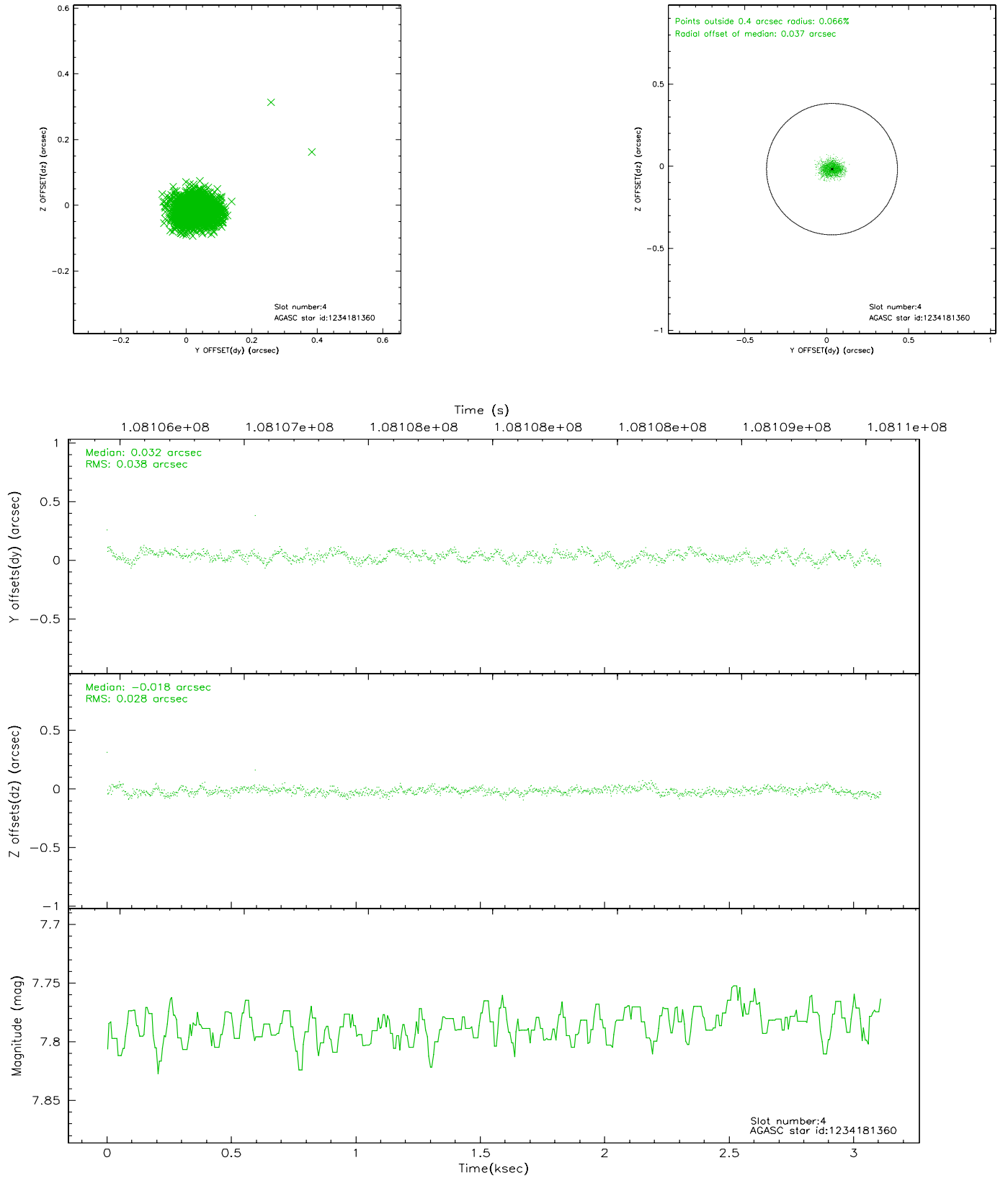
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	759	-0.030	-0.048	0.009	0.015	0.000000	0.000000	-756.36	-836.43
1	FID	ACIS-I-4	7.18	759	-0.059	0.039	0.007	0.010	0.000000	0.000000	2156.73	1068.83
2	FID	ACIS-I-5	7.23	759	-0.011	0.078	0.009	0.015	0.000000	0.000000	-1807.54	1069.03
3	GUIDE	1234704160	7.20	1518	-0.044	0.055	0.061	0.103	182.282049	-78.781313	2432.81	1235.56
4	GUIDE	1234181360	7.79	1518	0.032	-0.018	0.049	0.080	181.773022	-78.741114	2209.87	923.15
5	GUIDE	1234045984	8.05	1517	-0.039	0.017	0.062	0.103	176.913419	-77.887125	-1479.86	-1970.70
6	GUIDE	1234051504	8.91	1515	0.003	0.037	0.081	0.127	176.787849	-77.903787	-1436.94	-2075.07
7	GUIDE	1234188184	9.08	1516	0.048	-0.090	0.097	0.156	182.228918	-77.688140	-1399.05	2135.89

2.4 Star Slots

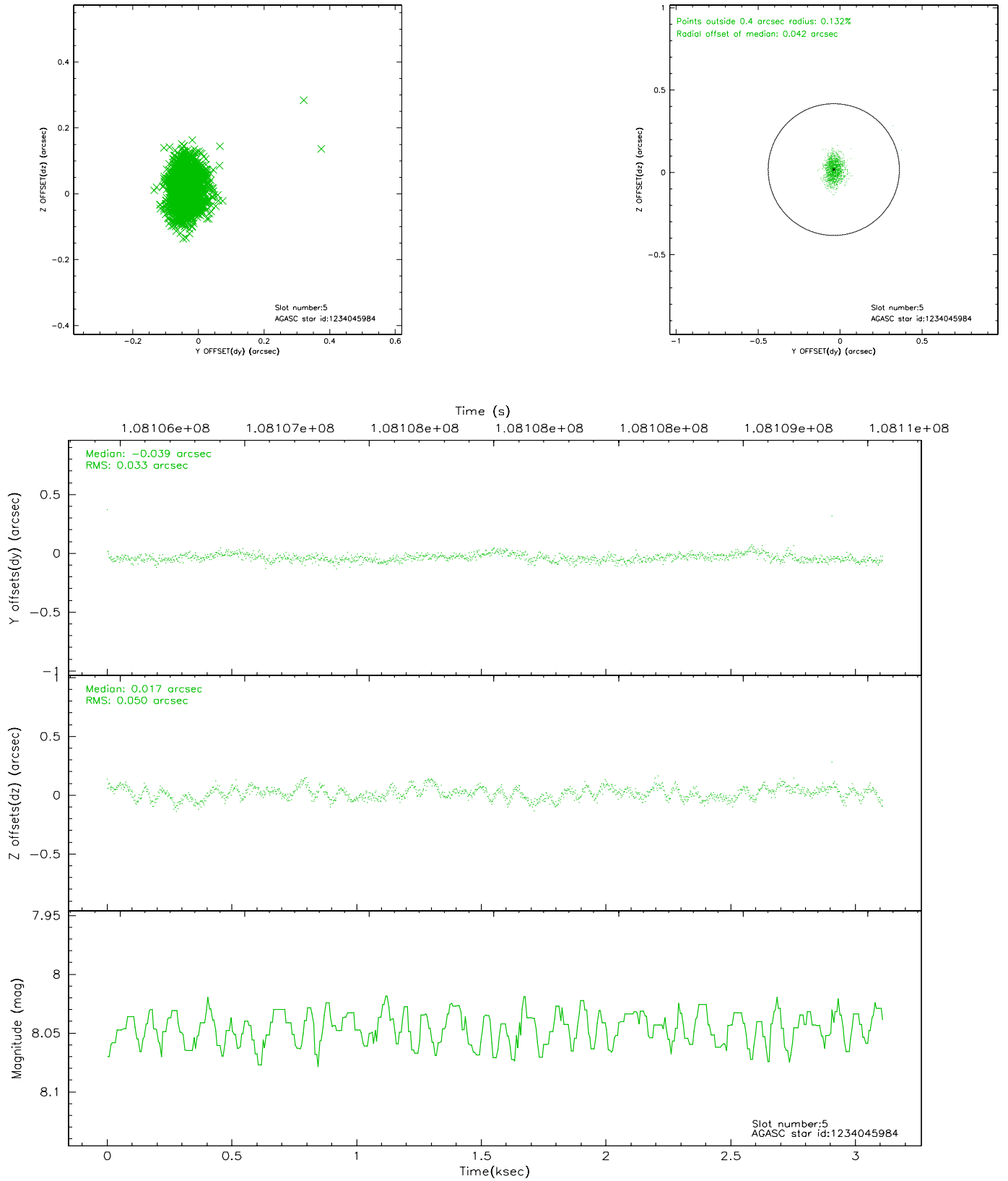
2.4.1 Slot 3



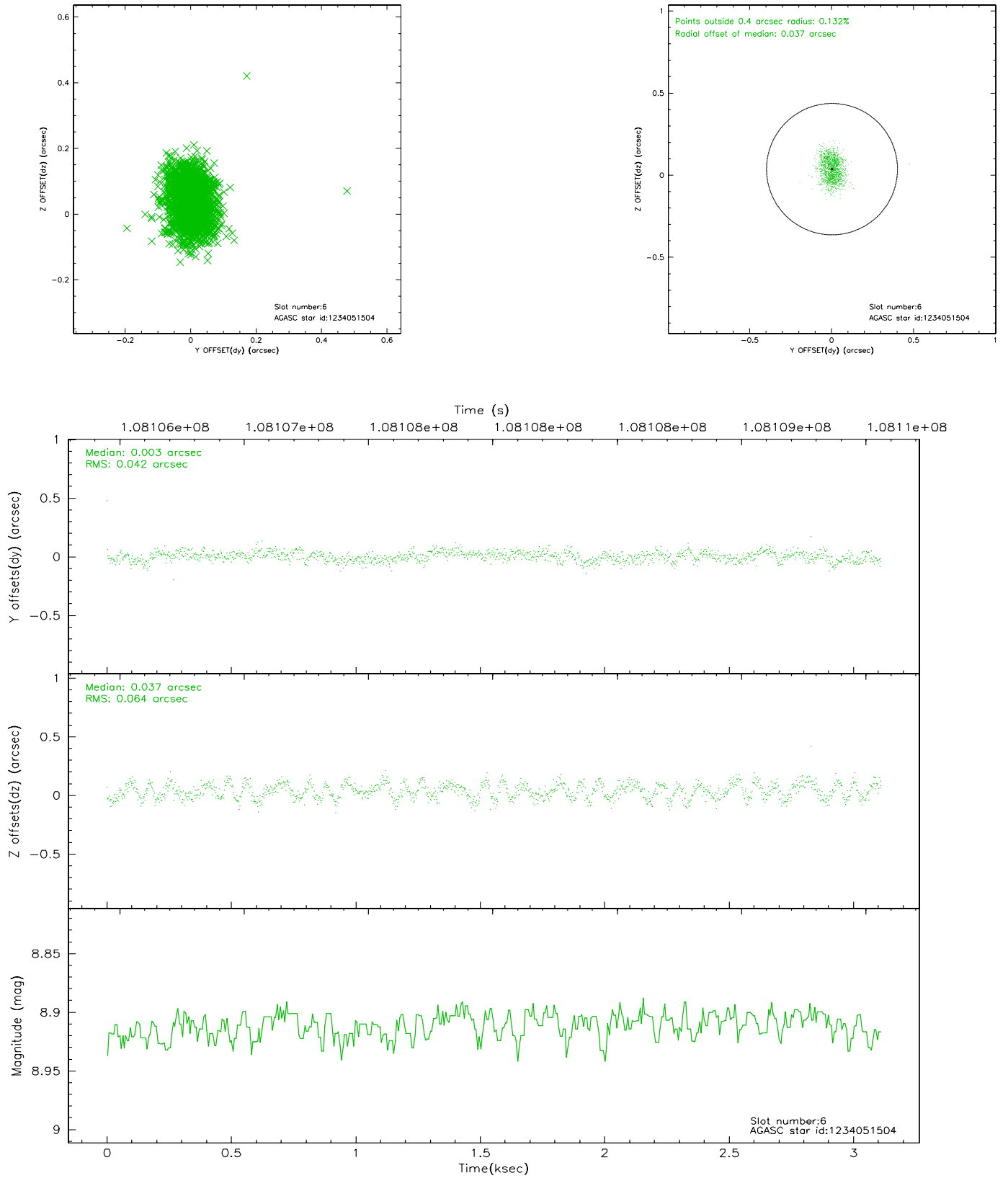
2.4.2 Slot 4



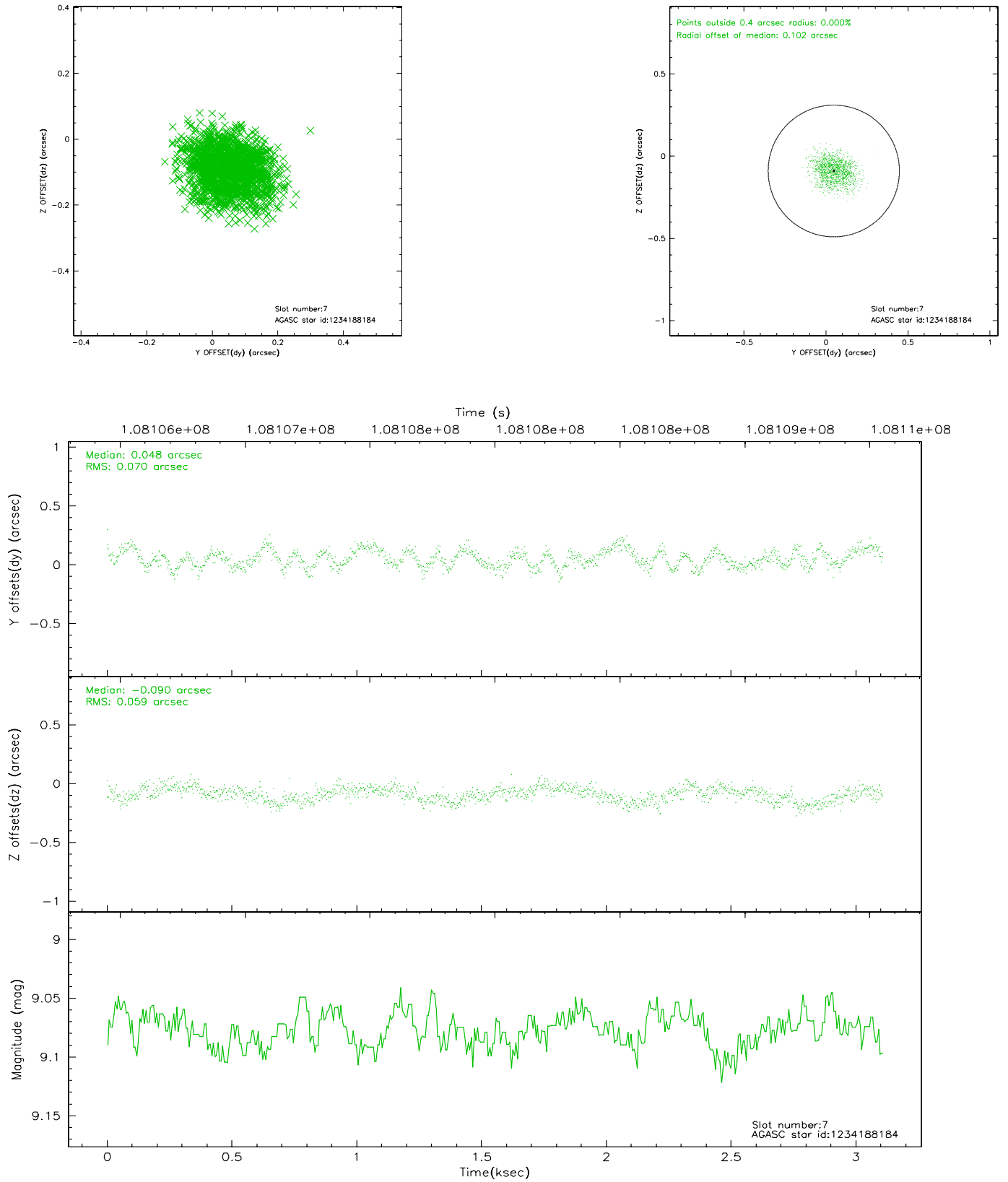
2.4.3 Slot 5



2.4.4 Slot 6

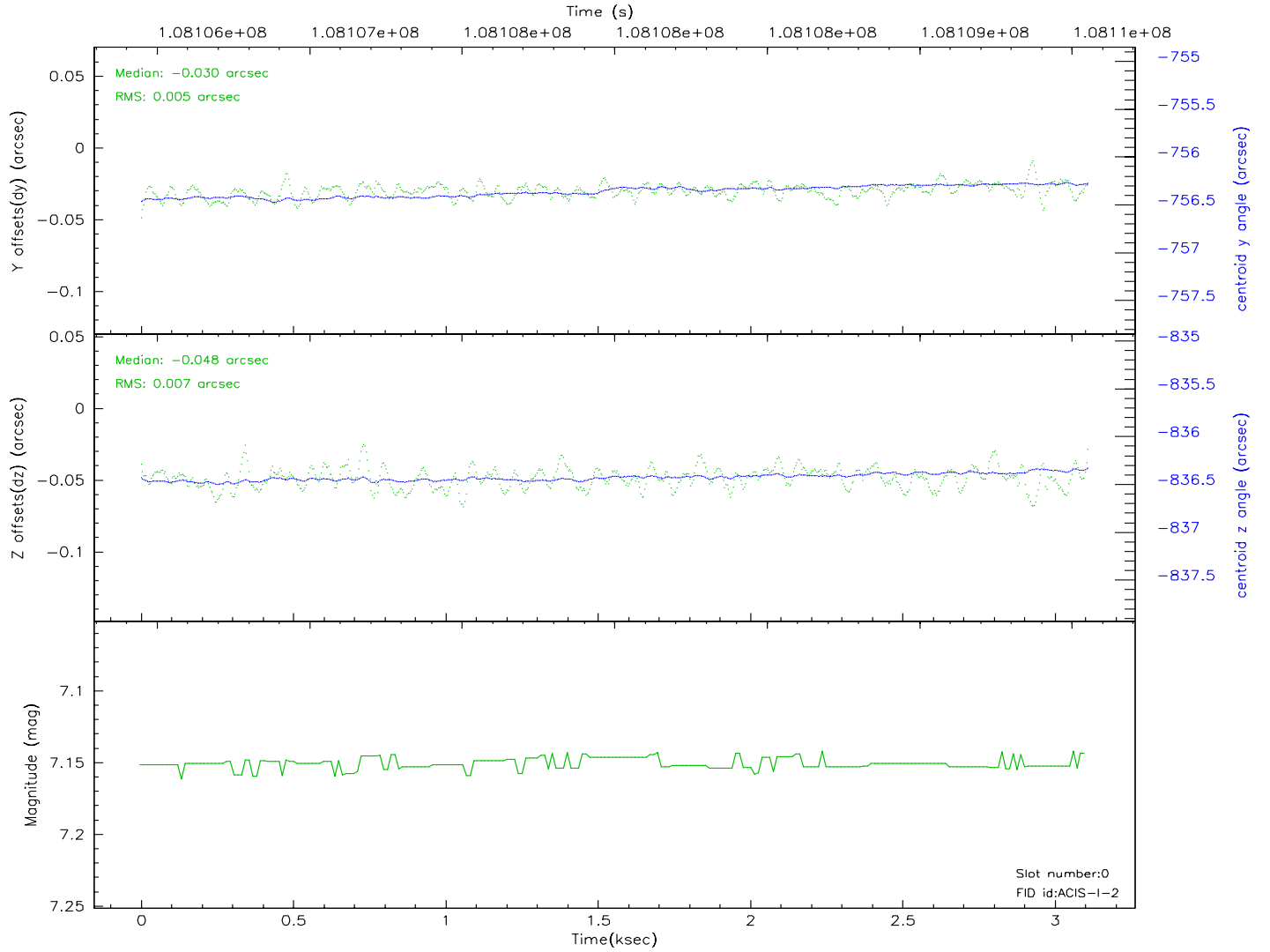
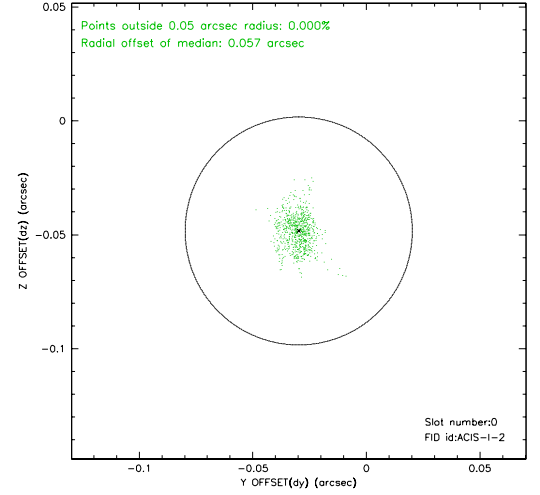
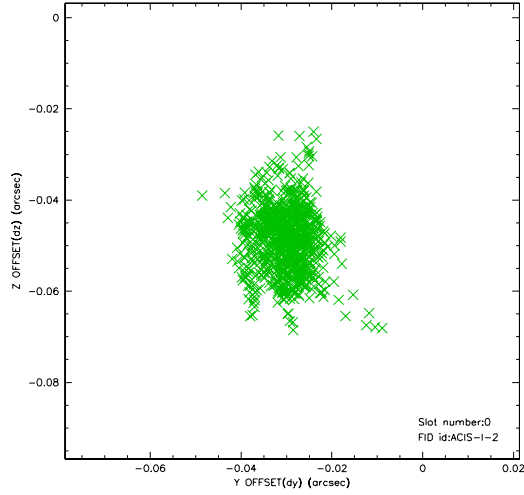


2.4.5 Slot 7

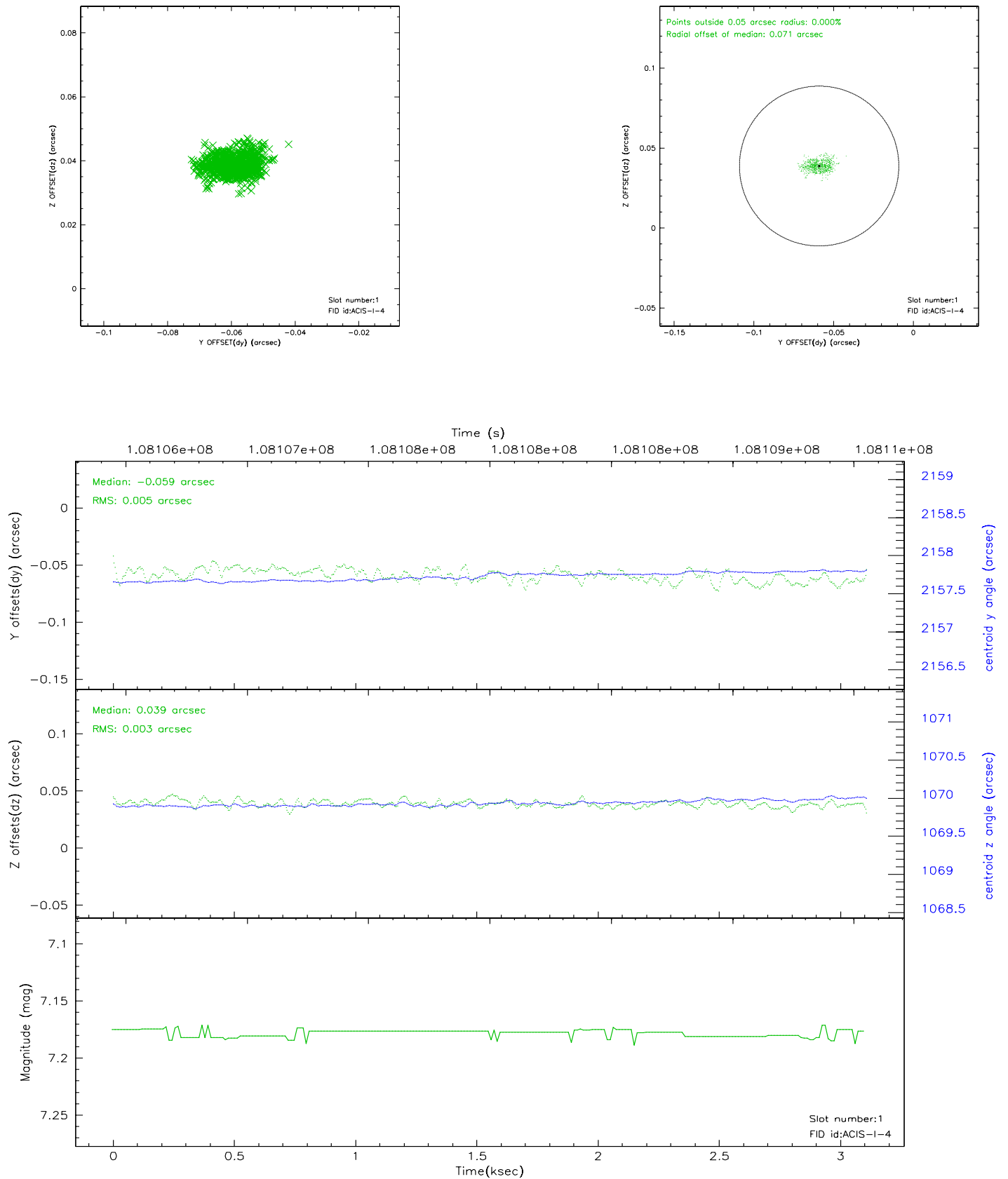


2.5 FID Slots

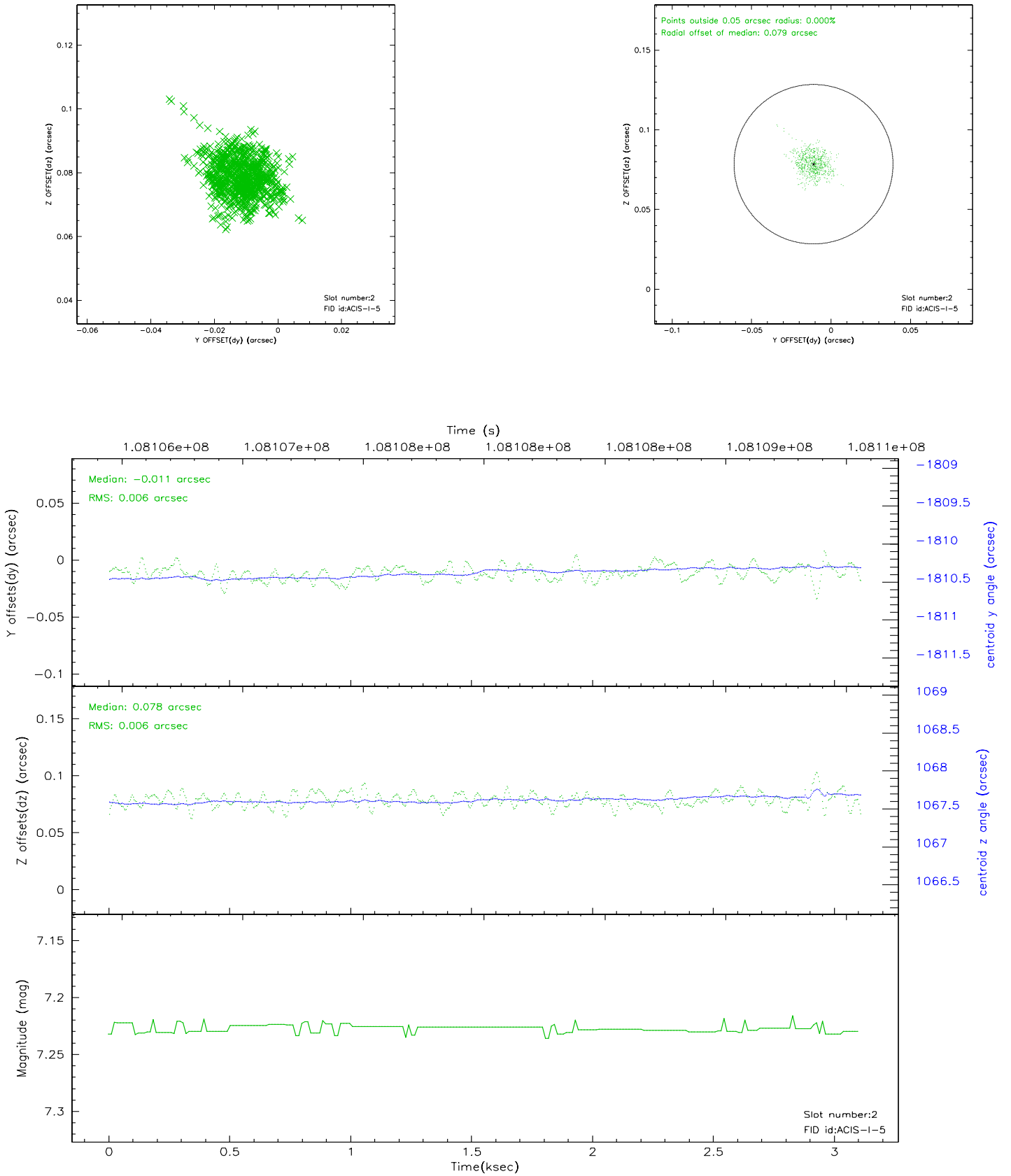
2.5.1 Slot 0



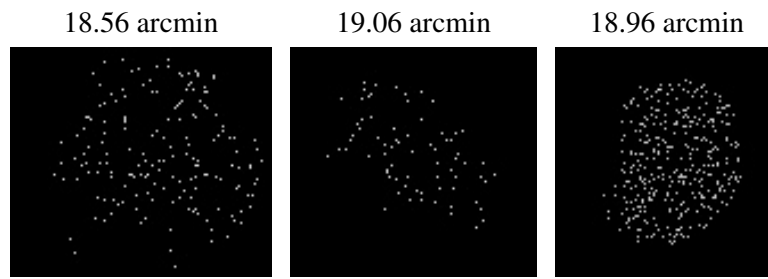
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.998

A.2 Comments