

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5792 - L2 Version 002
Chandra X-Ray Center

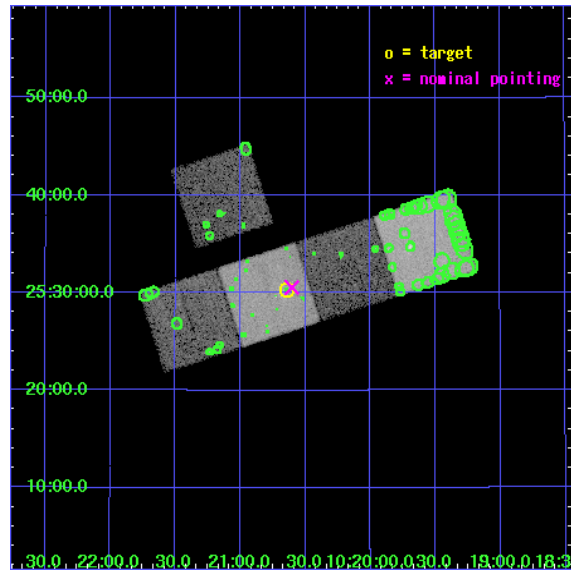
L2 Processing Date: Feb 23 2006

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1 Front

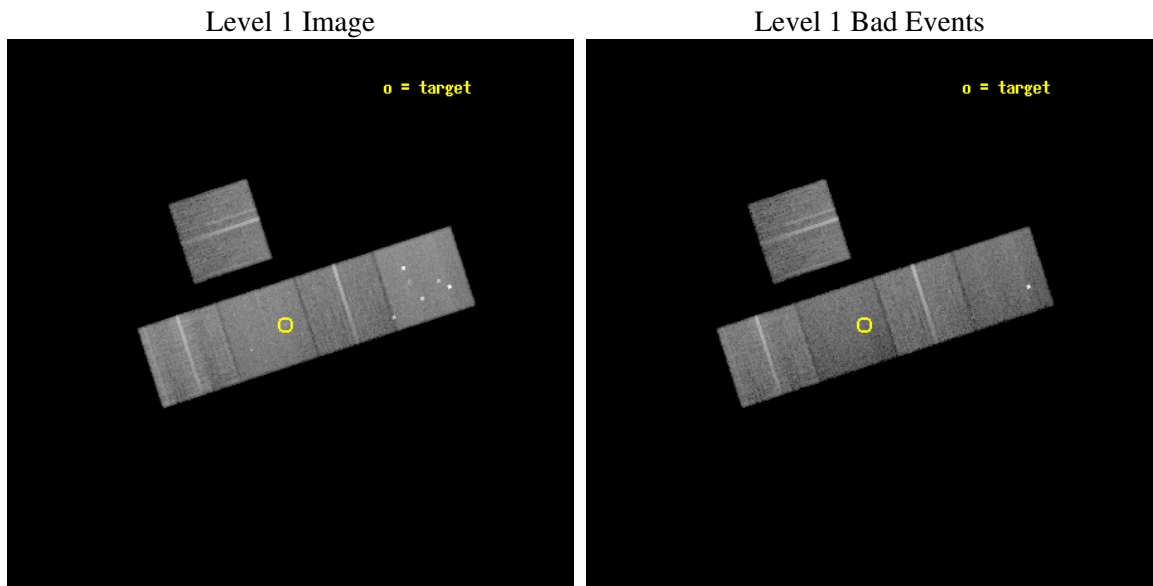
seq_num	800505
obs_id	5792
title	Dark Matter in Isolated Ellipticals and Groups
observer	Prof. Gordon Garmire
object	NGC3209
dtcycle	0
cycle	P
ra_targ	155.160417
dec_targ	25.504833
ra_nom	155.15097494235
dec_nom	25.50937049387
roll_nom	162.00927511295
revision	2
ontime	21994.499957711
livetime	21707.125623648
ontime3	21991.358967483
ontime5	21994.499957711
ontime6	21994.499957711
ontime7	21994.499957711
ontime8	21991.358977467
l2events	181449



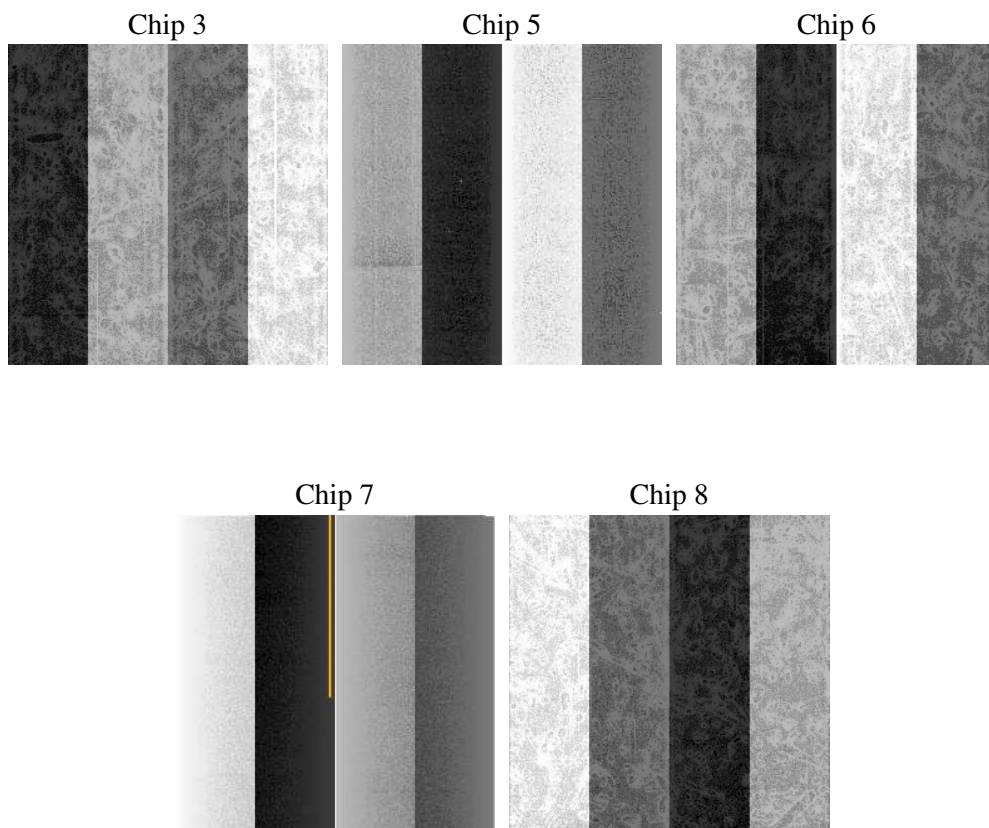
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldsver	3.2.1
date	2006-02-23T21:33:27
revision	2

sched_exp_time	21849.328000
ontime	22621.548603892
ontime3	22618.407613665
ontime5	22621.548603892
ontime6	22621.548603892
ontime7	22621.548603892
ontime8	22618.407623649
l1events	803614

2.1.4 Events

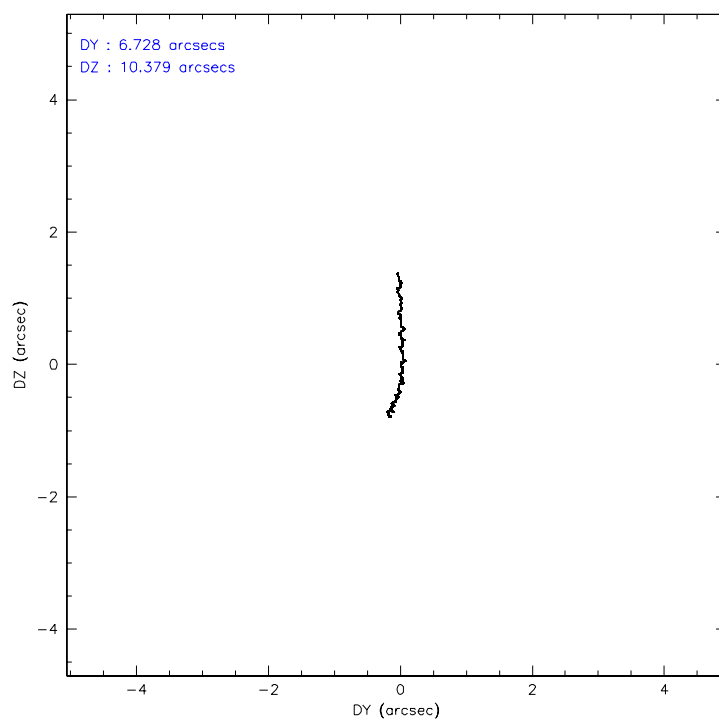
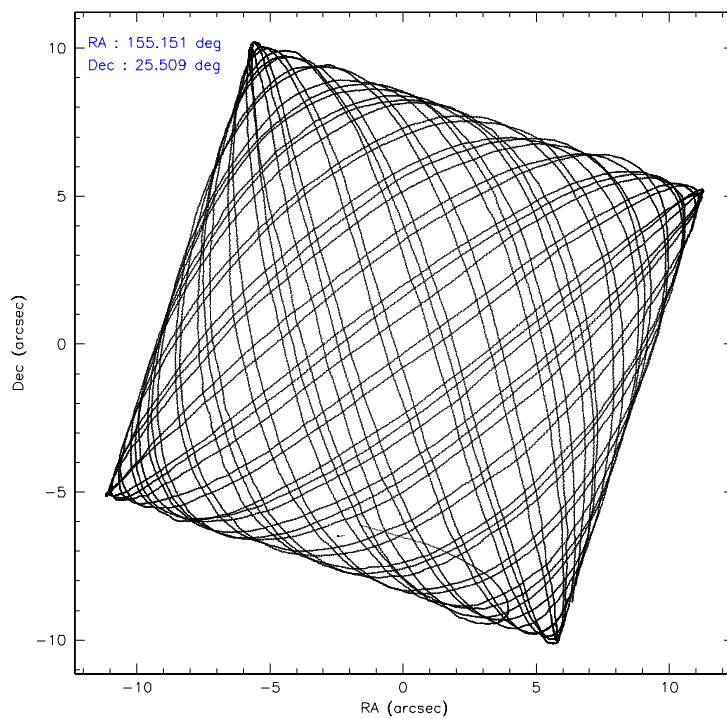
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	134221	200800	139623	156332	172638
rejected events	121801	105406	126010	92068	133417
rejected %	90%	52%	90%	58%	77%

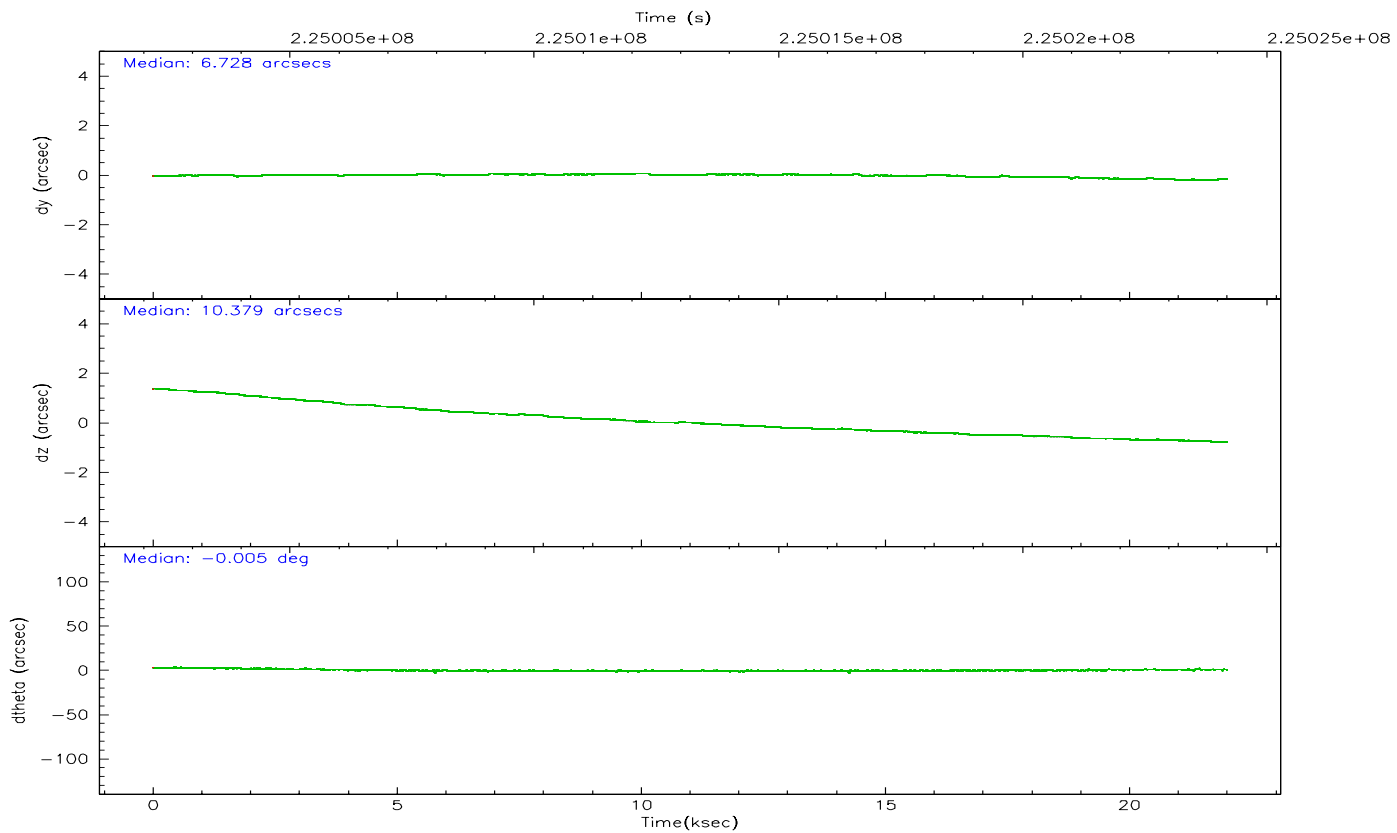
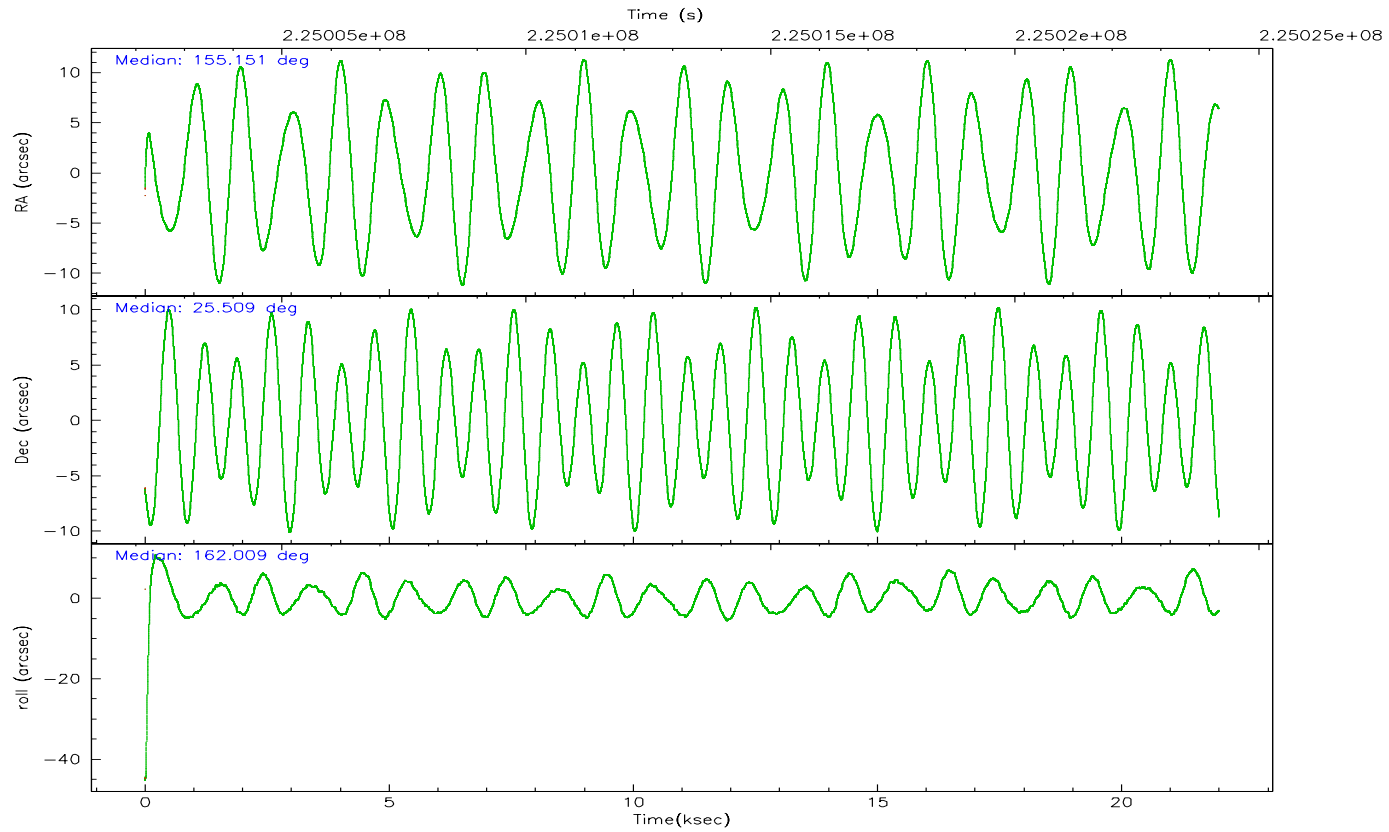
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4454	13653	4772	4200	12414
	3%	6%	3%	2%	7%
grade 1 events	66	143	57	88	117
	0%	0%	0%	0%	0%
grade 2 events	2761	29036	3054	16325	8854
	2%	14%	2%	10%	5%
grade 3 events	1515	2620	1575	3950	4390
	1%	1%	1%	2%	2%
grade 4 events	1448	2291	1511	3802	4097
	1%	1%	1%	2%	2%
grade 5 events	5348	10903	5559	11809	7964
	3%	5%	3%	7%	4%
grade 6 events	2579	50424	3089	37757	10492
	1%	25%	2%	24%	6%
grade 7 events	116050	91730	120006	78401	124310
	86%	45%	85%	50%	72%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-35678	ACIS-35678	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	155.180386	155.150974942349	Alternating exposures requested	N	N
Pointing Dec	25.515413	25.50937049387047	Primary exposure time	0.000000	3.1
Pointing Roll	161.840016	162.0092751129529			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	225002344.184000	225001050.00858			
Observation start date	2005-02-17T04:38:00	2005-02-17T04:17:30			
Observation end time	225024193.184000	225024417.44713			
Observation end date	2005-02-17T10:42:09	2005-02-17T10:46:57			
Read mode	TIMED	TIMED			

2.3 Aspect



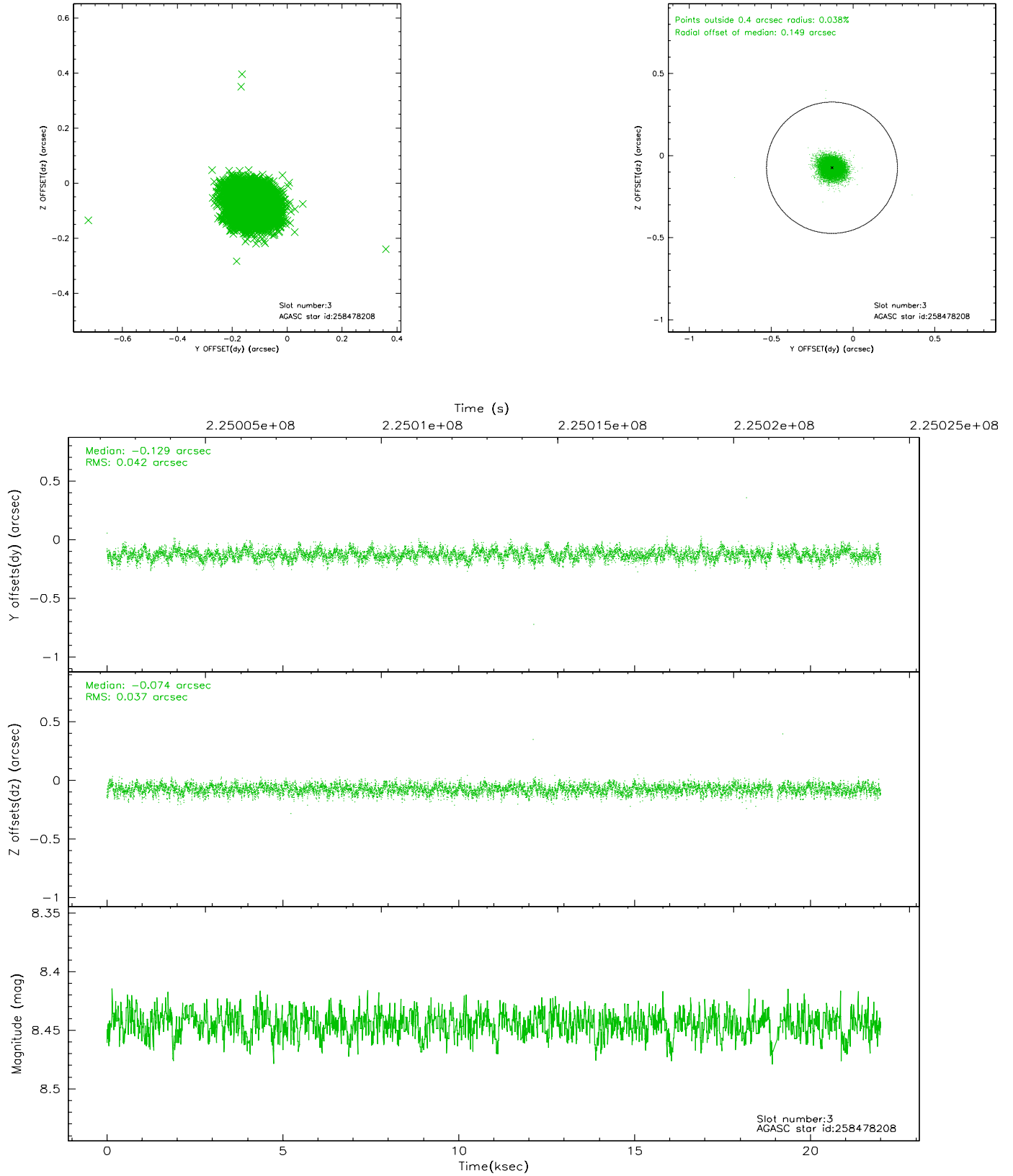


Slot Statistics

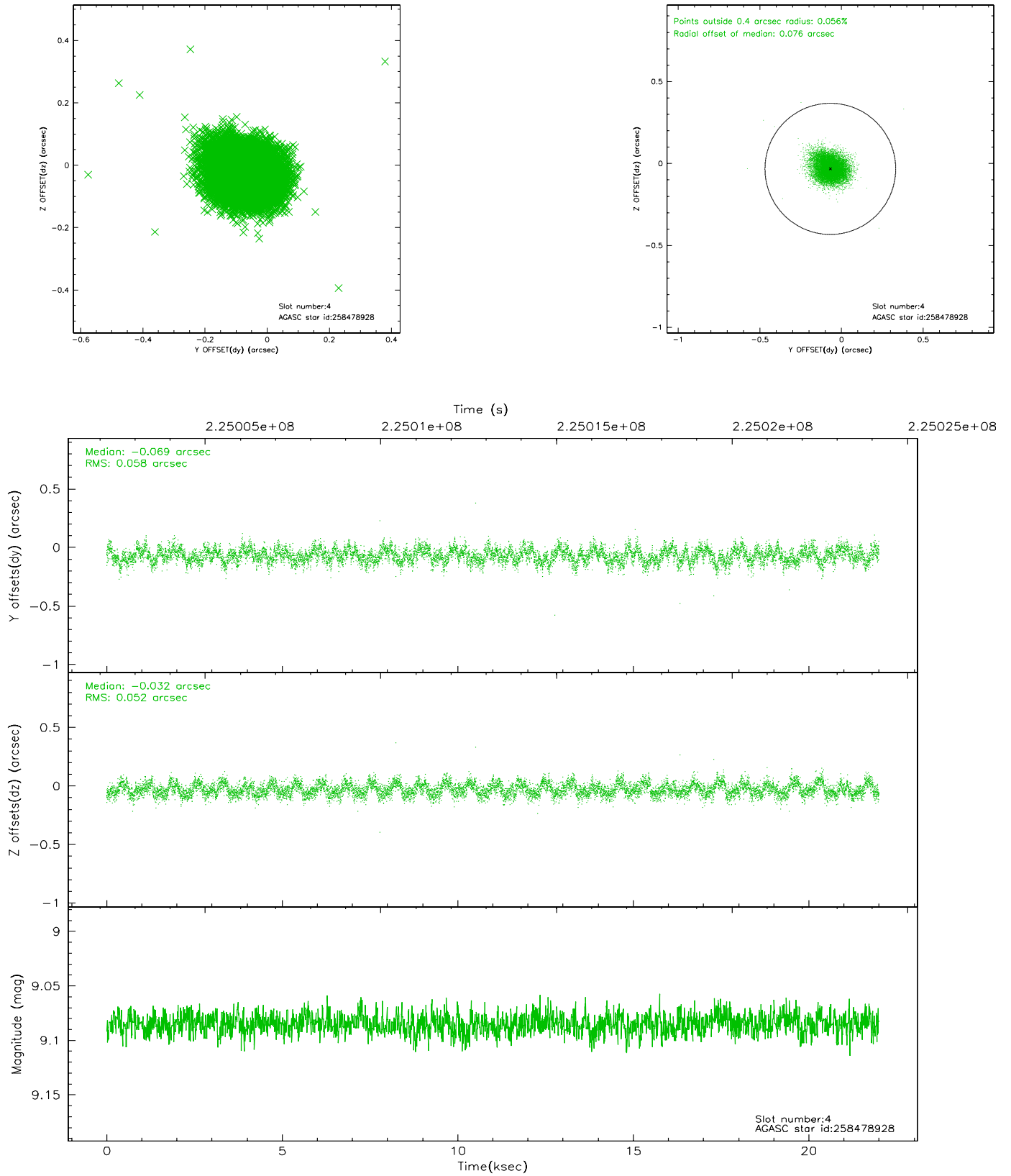
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	5366	-0.045	0.002	0.012	0.021	0.000000	0.000000	-759.47	-1731.69
1	FID	ACIS-S-4	7.21	5367	0.037	0.021	0.011	0.026	0.000000	0.000000	2153.79	176.70
2	FID	ACIS-S-5	7.23	5365	-0.022	-0.013	0.009	0.015	0.000000	0.000000	-1812.12	170.45
3	GUIDE	258478208	8.44	10664	-0.129	-0.074	0.060	0.096	155.656432	25.212449	-1812.74	550.79
4	GUIDE	258478928	9.08	10723	-0.069	-0.032	0.082	0.132	155.617264	25.106868	-1811.04	951.99
5	GUIDE	258479136	8.35	10733	-0.015	-0.001	0.063	0.098	155.125492	25.678252	351.71	-501.29
6	GUIDE	258086400	9.08	10732	-0.027	0.018	0.092	0.148	155.666282	24.778398	-2334.87	2023.88
7	GUIDE	258483976	9.10	10725	0.243	0.089	0.128	0.195	154.281613	25.129764	2353.83	2223.37

2.4 Star Slots

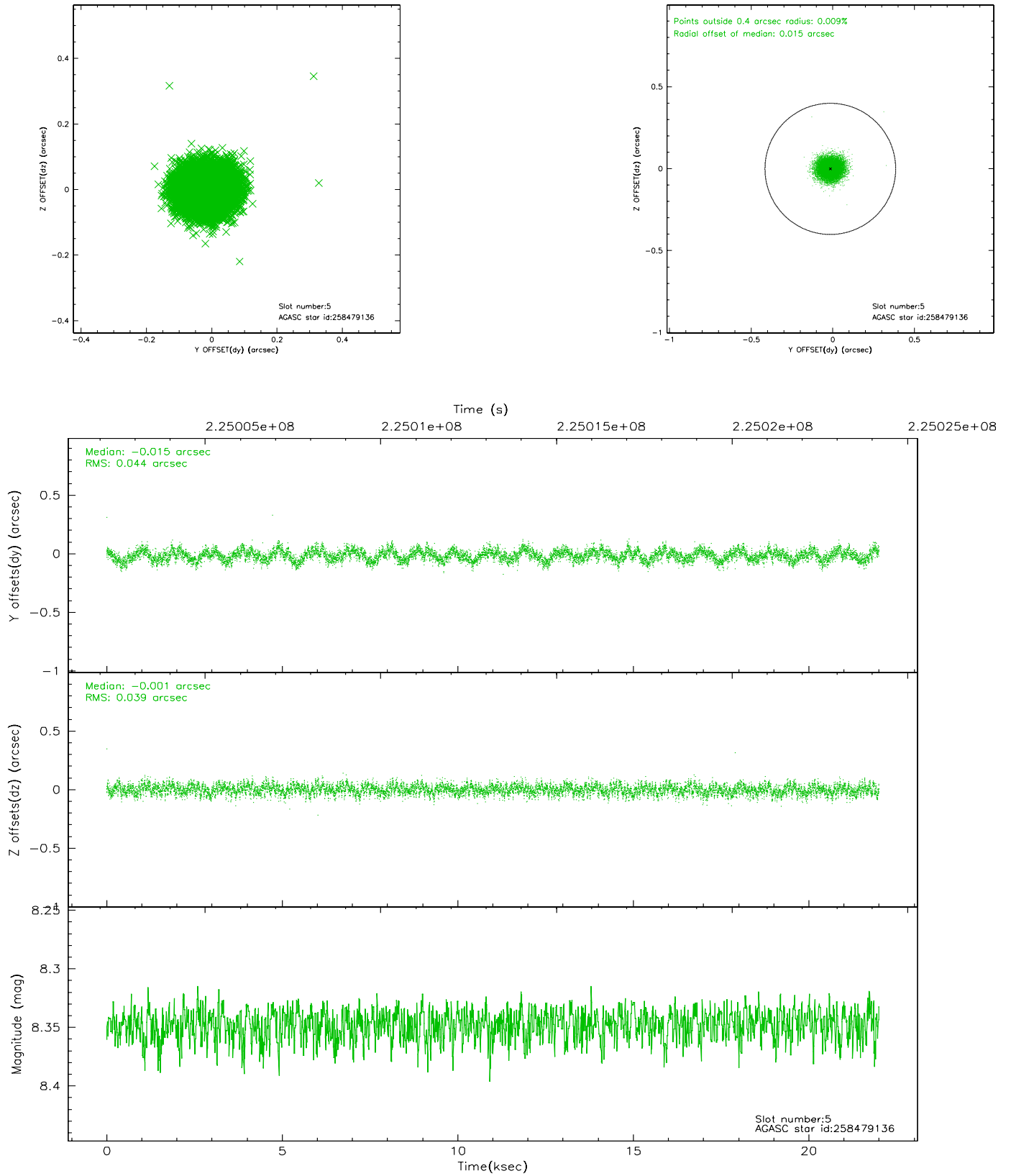
2.4.1 Slot 3



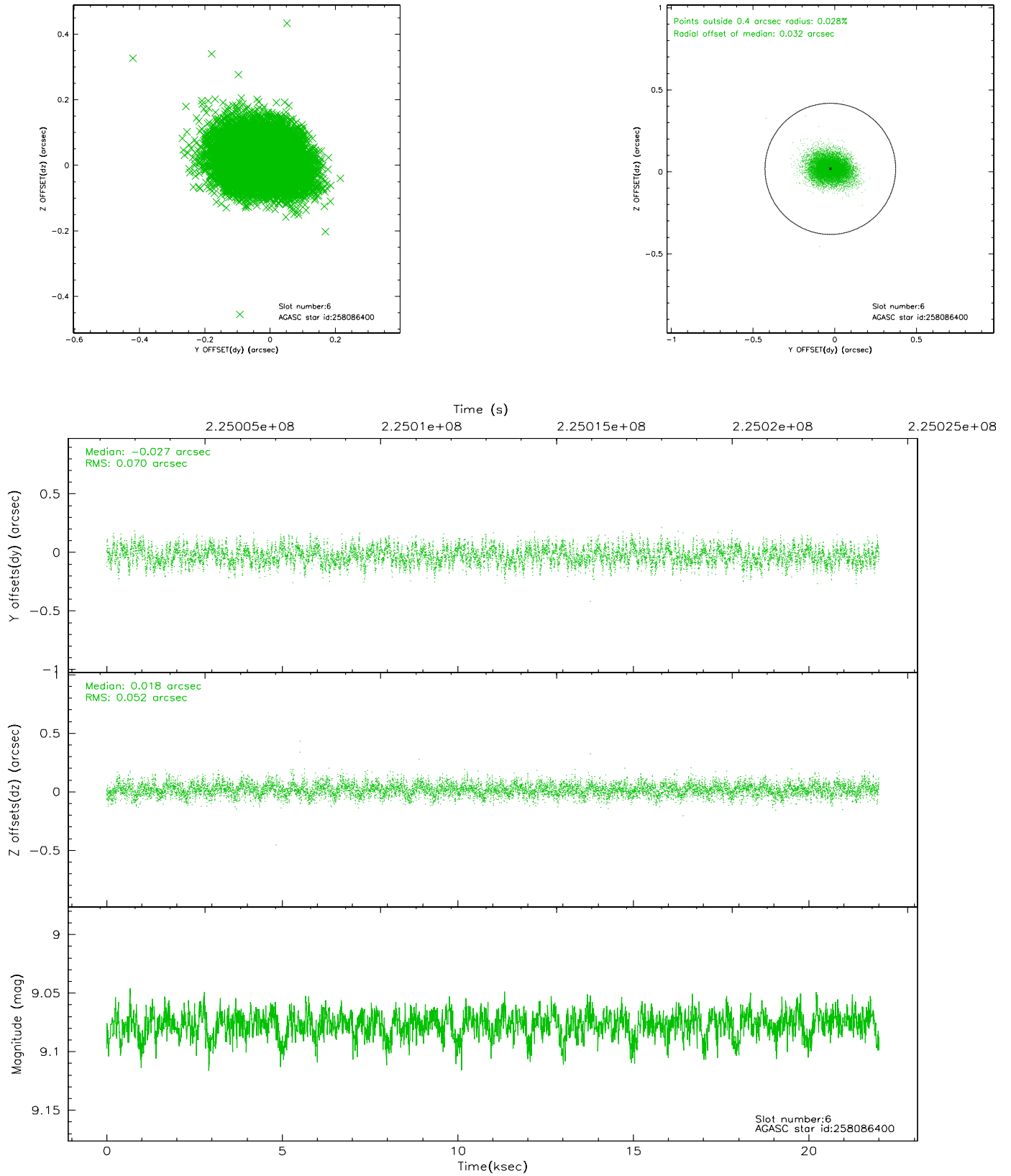
2.4.2 Slot 4



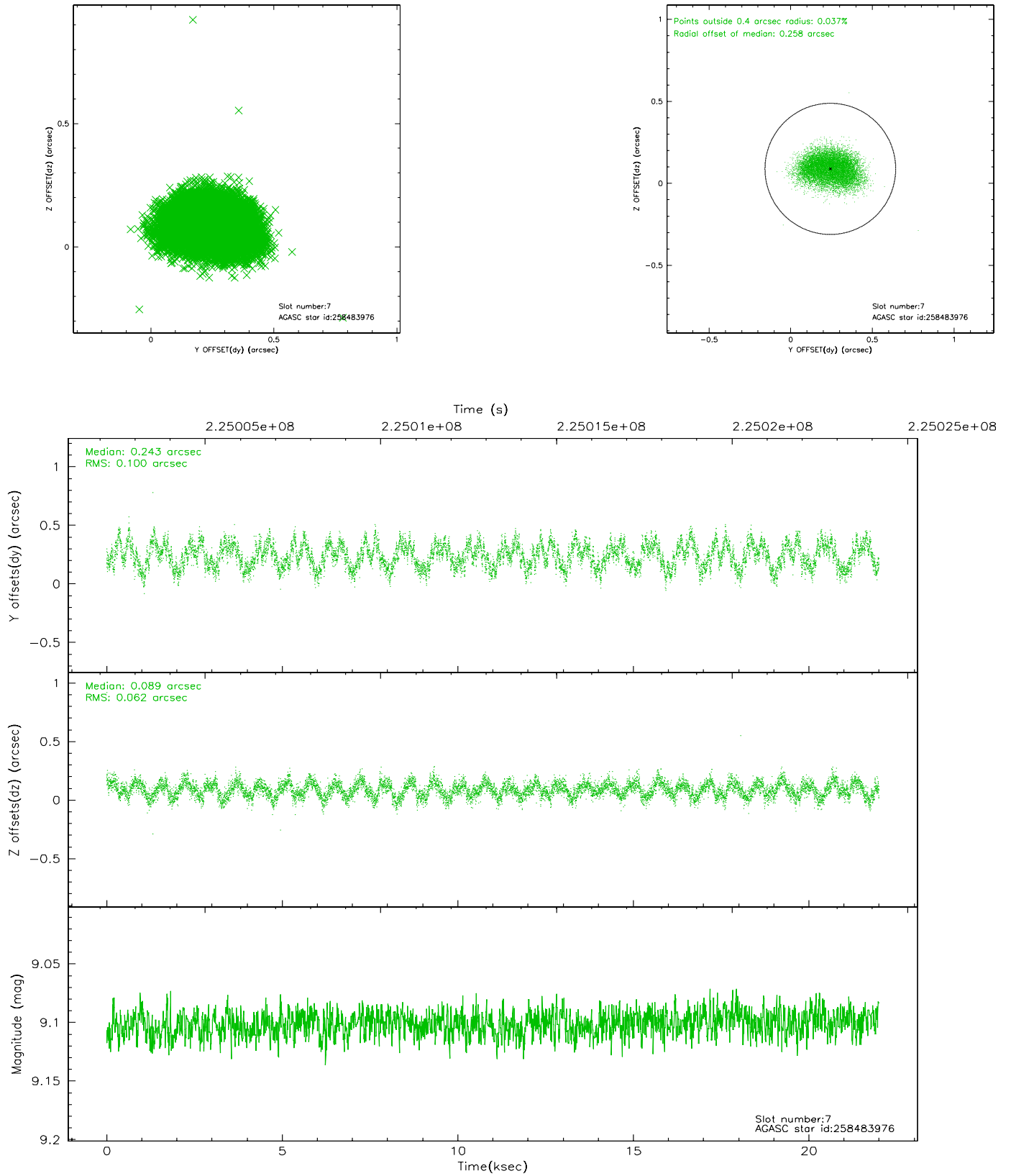
2.4.3 Slot 5



2.4.4 Slot 6

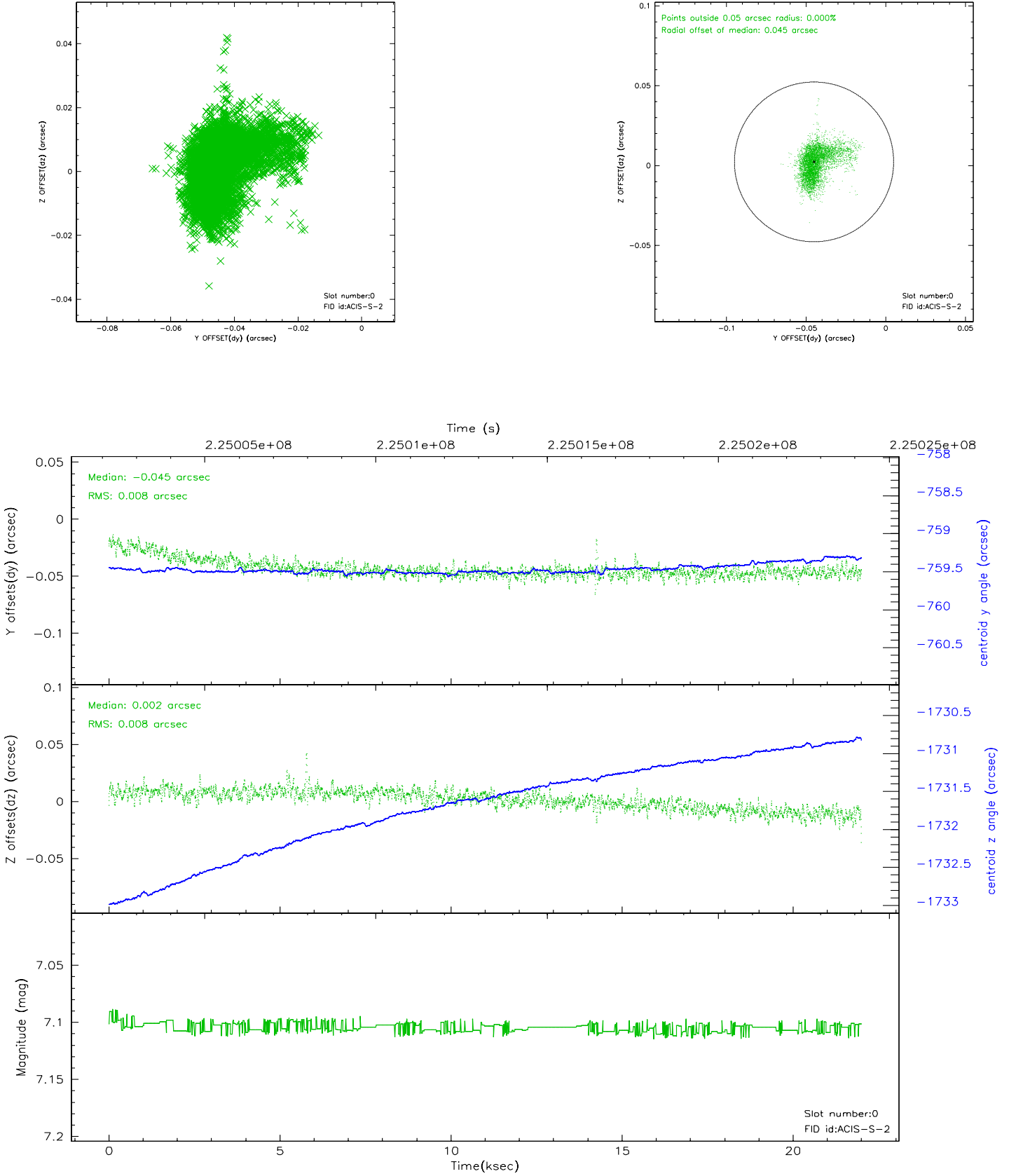


2.4.5 Slot 7

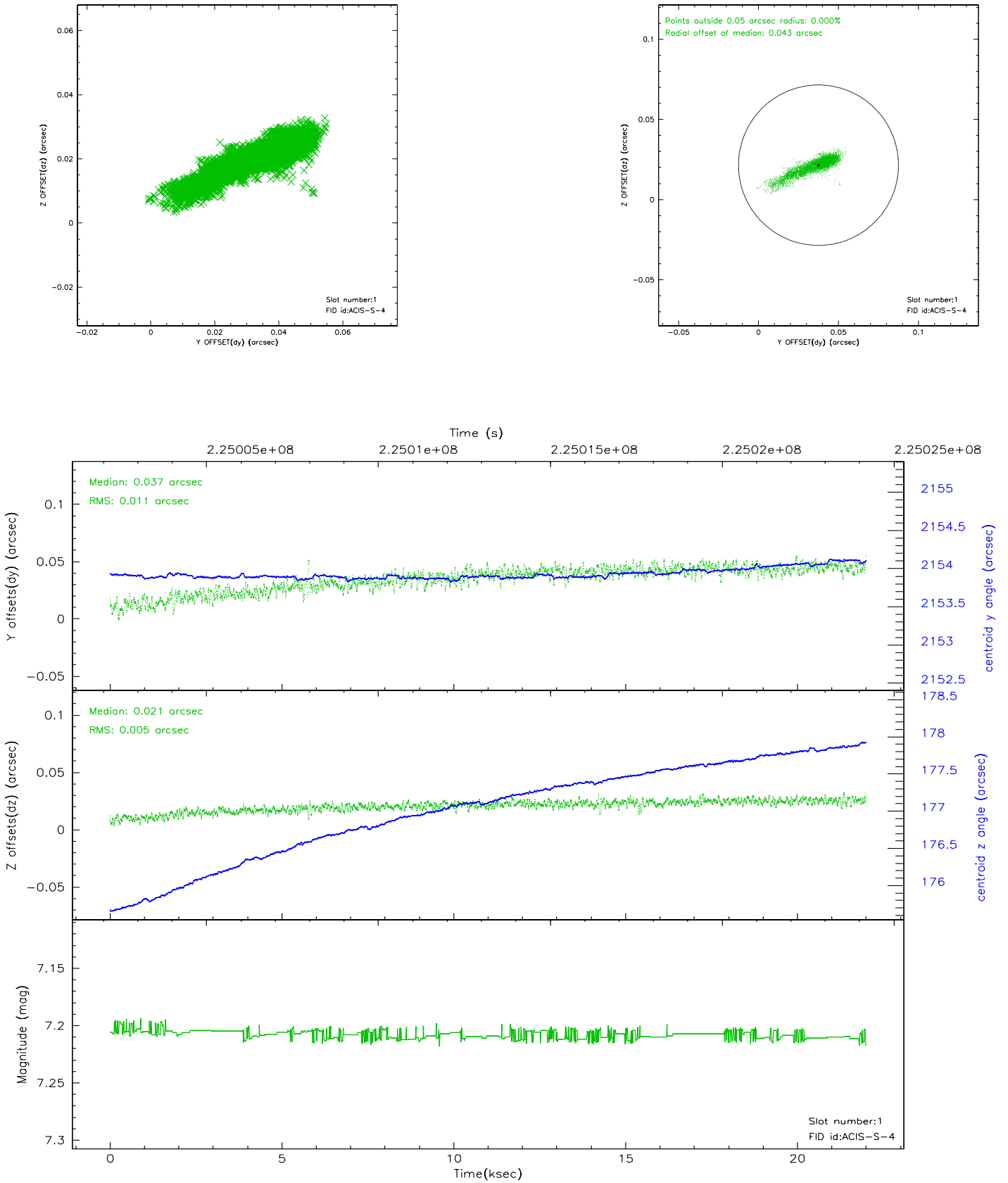


2.5 FID Slots

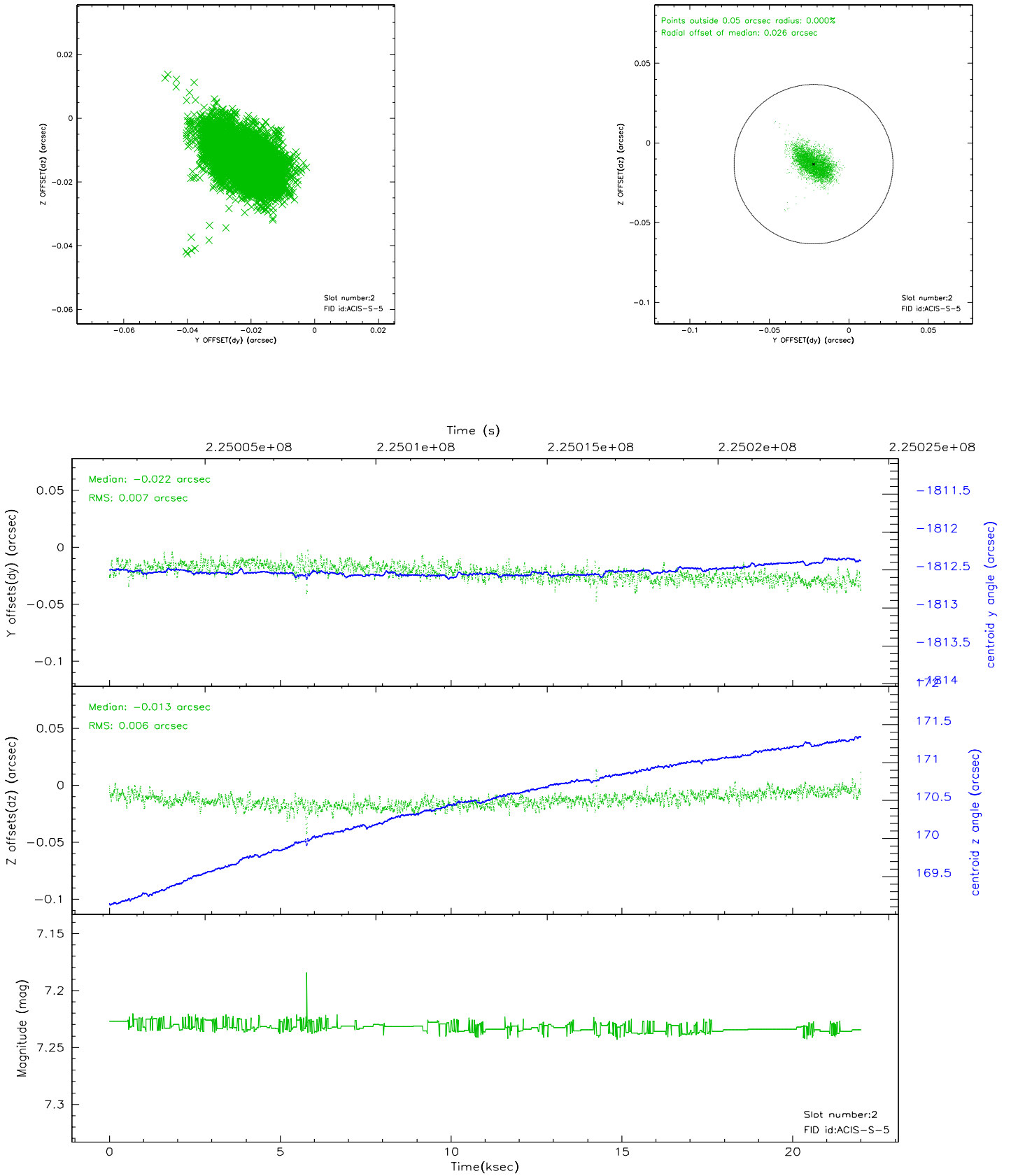
2.5.1 Slot 0



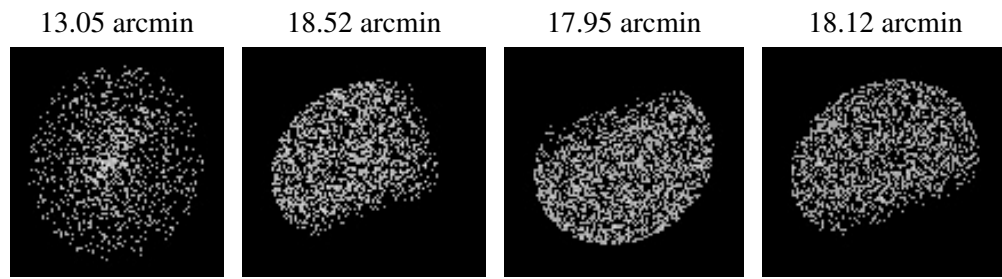
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	21.99449

A.2 Comments