

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 5825 - L2 Version 002
Chandra X-Ray Center

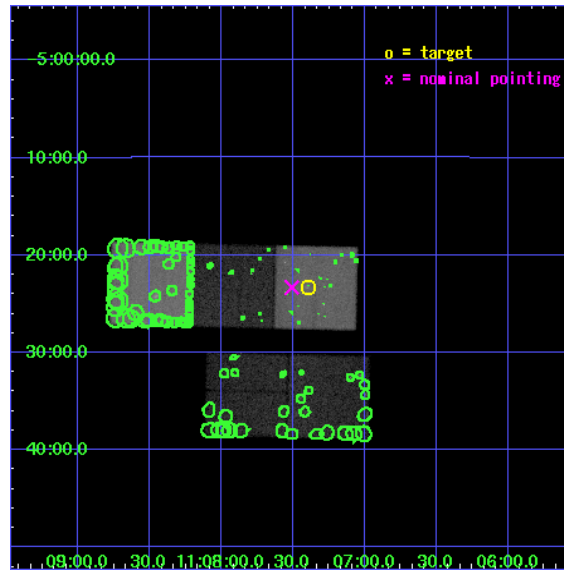
L2 Processing Date: Feb 25 2006

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
3	Point Sources	17
A	Summary	18
A.1	Status	18
A.2	Comments	18

1 Front

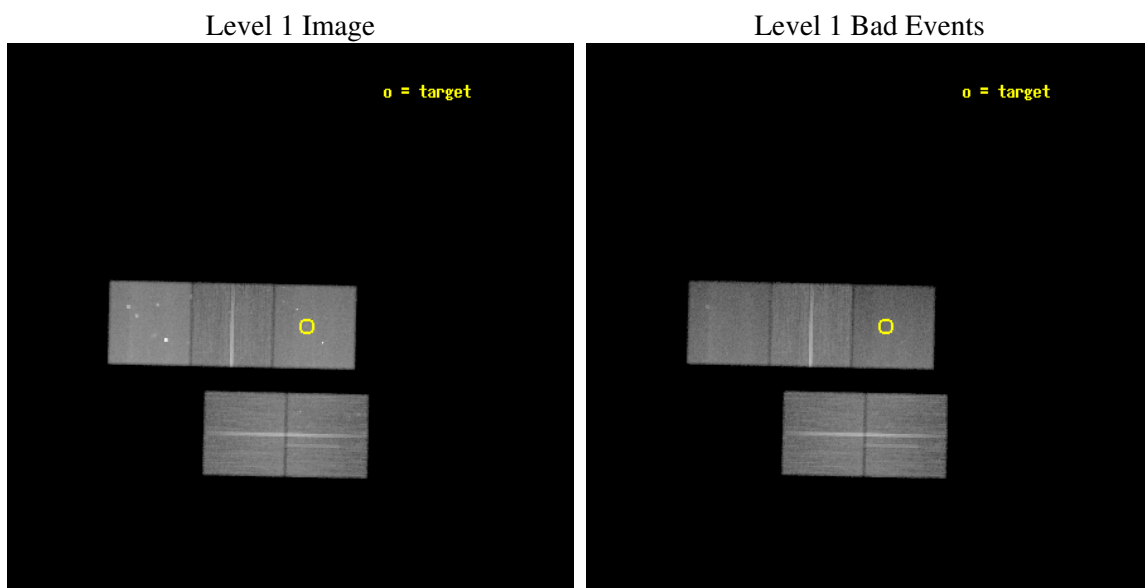
seq_num	800537
obs_id	5825
title	X-ray Emission from Optically-Selected, High-Redshift Galaxy Clusters from the RCS Survey
observer	Prof. Gordon Garmire
object	RCS1107.3-0523
dtcycle	0
cycle	P
ra_targ	166.848167
dec_targ	-5.387639
ra_nom	166.87732351013
dec_nom	-5.3887517790527
roll_nom	1.2402801172312
revision	2
ontime	50120.799903631
livetime	49465.934754494
ontime2	50111.376922905
ontime3	50117.658933371
ontime5	50120.799903631
ontime6	50117.658923388
ontime7	50120.799903631
l2events	412278



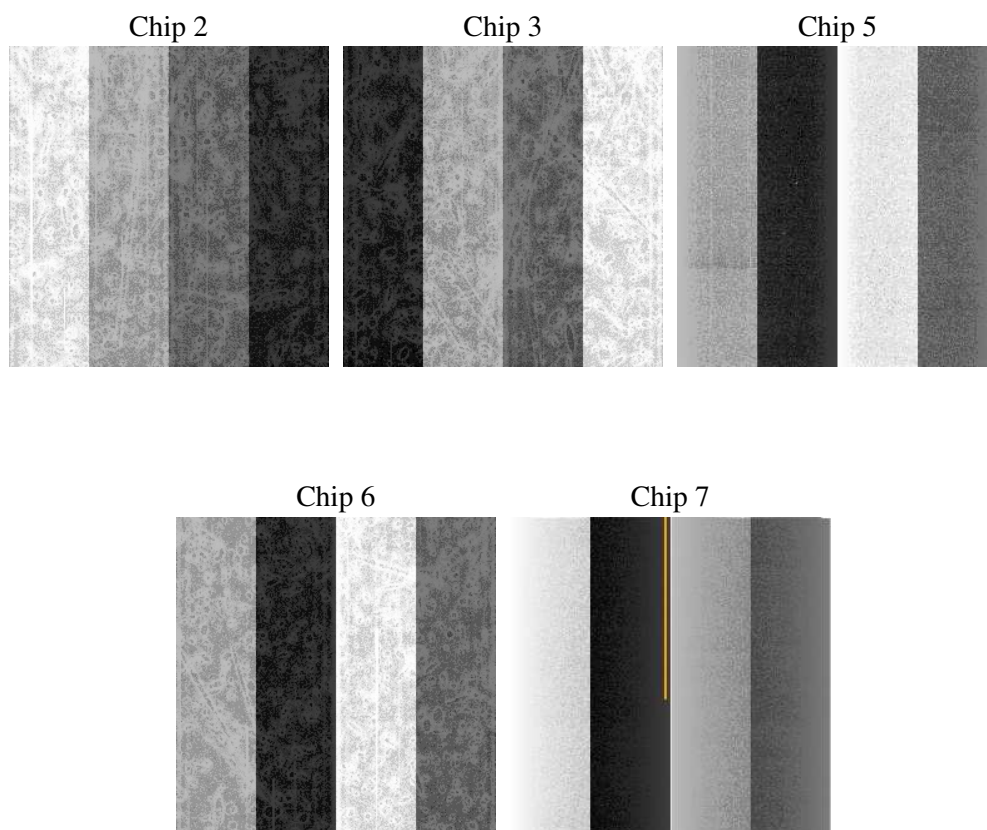
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-25T16:38:33
revision	2

sched_exp_time	50000.000000
ontime	50922.05214712
ontime2	50912.629166394
ontime3	50918.91117686
ontime5	50922.05214712
ontime6	50918.911166877
ontime7	50922.05214712
l1events	1742900

2.1.4 Events

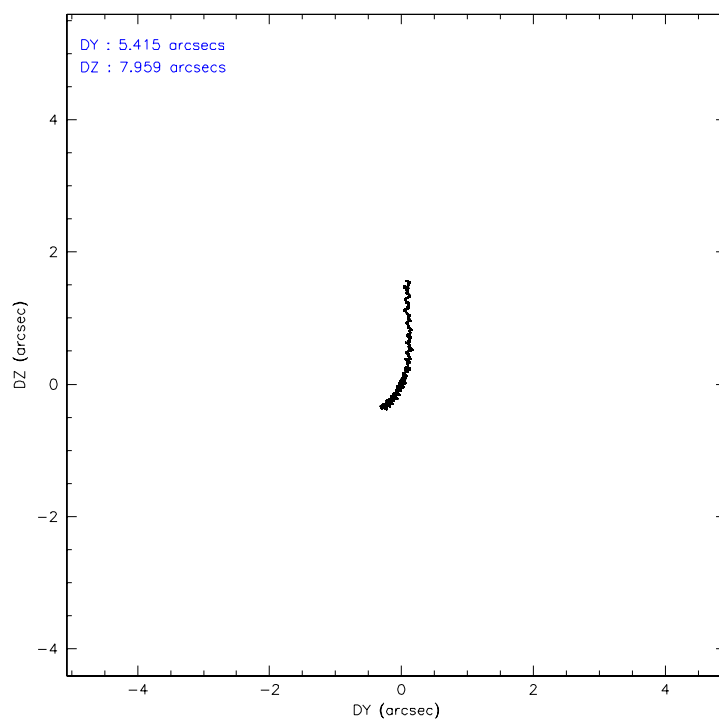
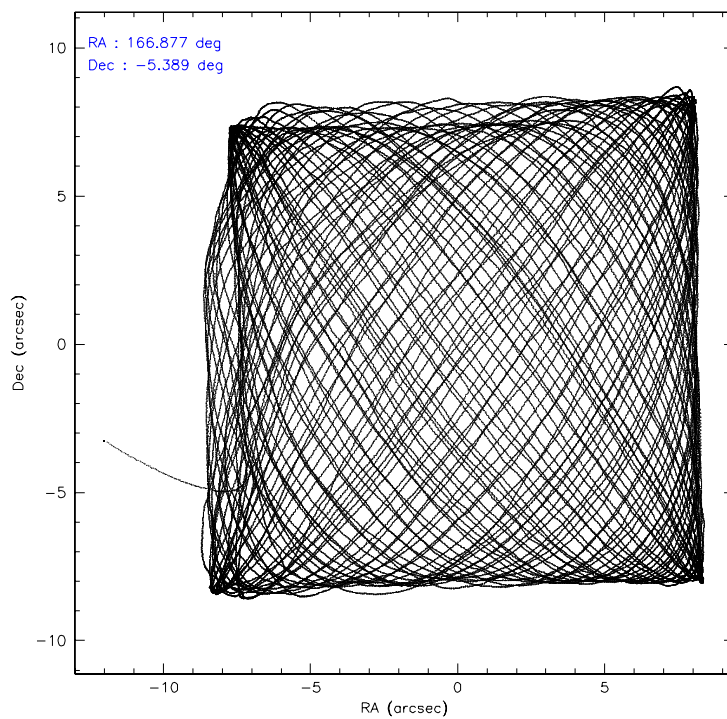
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	321097	310656	436526	317373	357248
rejected events	291490	281300	225510	285856	206732
rejected %	90%	90%	51%	90%	57%

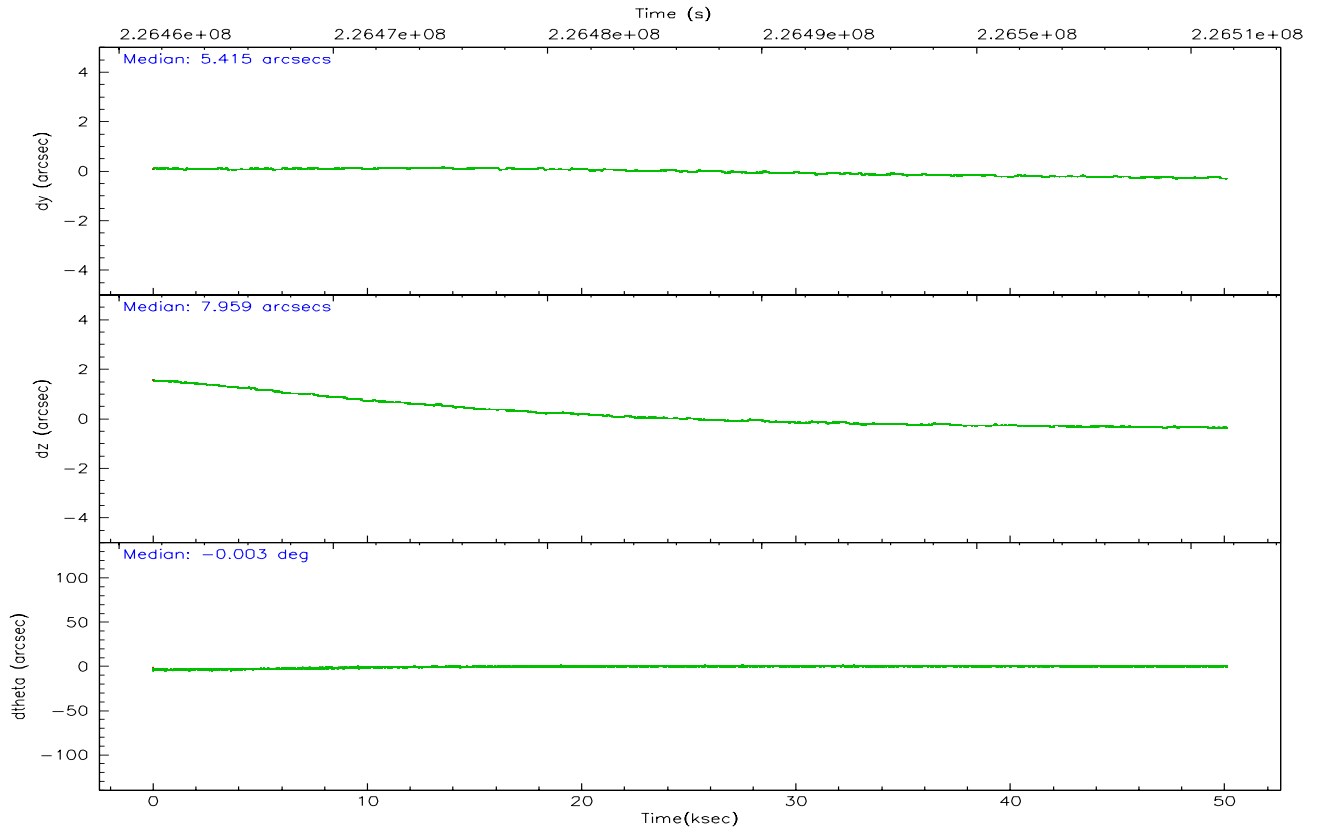
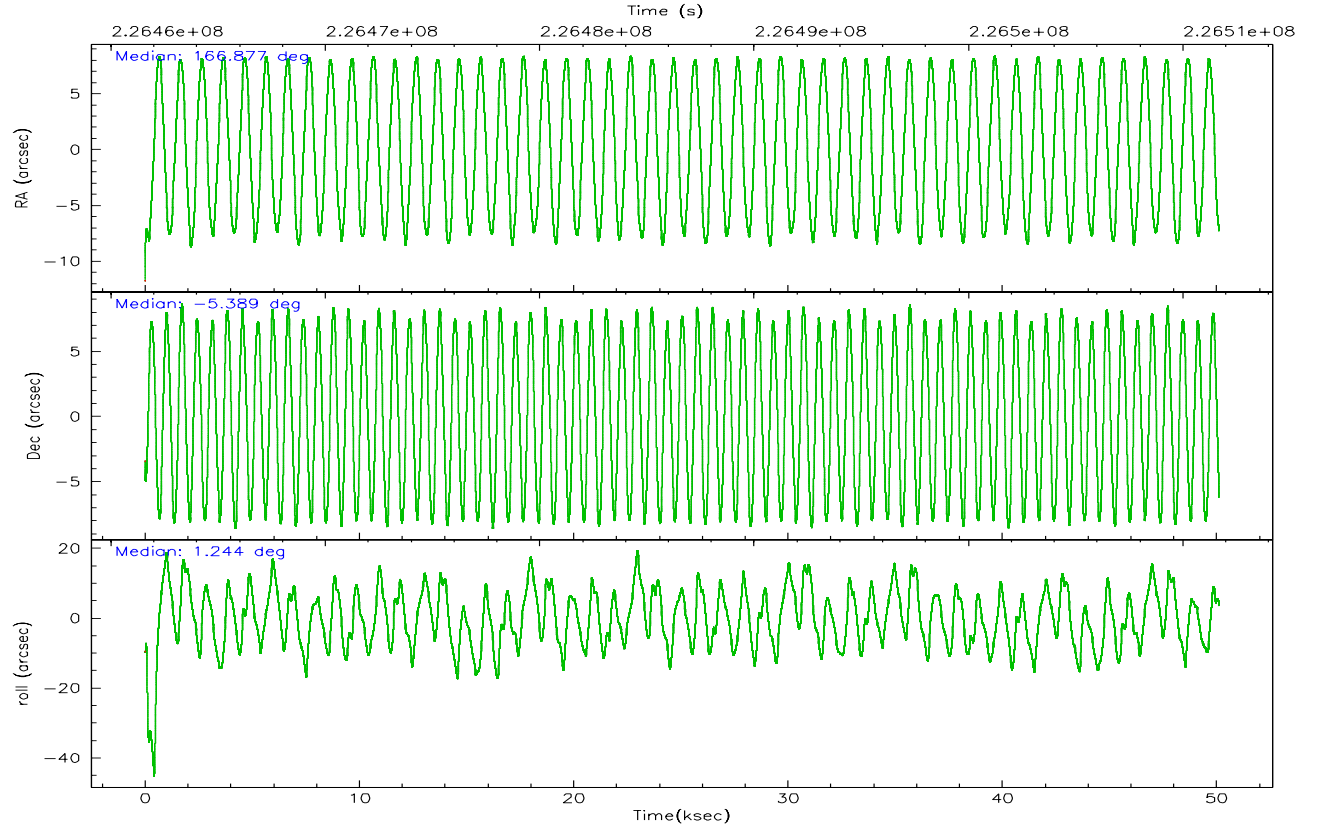
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	10356	10701	22905	11007	10156
	3%	3%	5%	3%	2%
grade 1 events	160	149	156	153	207
	0%	0%	0%	0%	0%
grade 2 events	7212	6430	66206	7056	37696
	2%	2%	15%	2%	10%
grade 3 events	3463	3513	5409	3657	9213
	1%	1%	1%	1%	2%
grade 4 events	3345	3490	5065	3402	9008
	1%	1%	1%	1%	2%
grade 5 events	10613	12604	23040	12920	26999
	3%	4%	5%	4%	7%
grade 6 events	5696	5714	114859	6943	86849
	1%	1%	26%	2%	24%
grade 7 events	280252	268055	198886	272235	177120
	87%	86%	45%	85%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	166.854151	166.8773235101278	Alternating exposures requested	N	N
Pointing Dec	-5.403193	-5.388751779052663	Primary exposure time	0.000000	3.1
Pointing Roll	1.081467	1.240280117231186			
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	226461705.184000	226460337.96215			
Observation start date	2005-03-06T02:00:41	2005-03-06T01:38:57			
Observation end time	226511705.184000	226512581.70202			
Observation end date	2005-03-06T15:54:01	2005-03-06T16:09:41			
Read mode	TIMED	TIMED			

2.3 Aspect



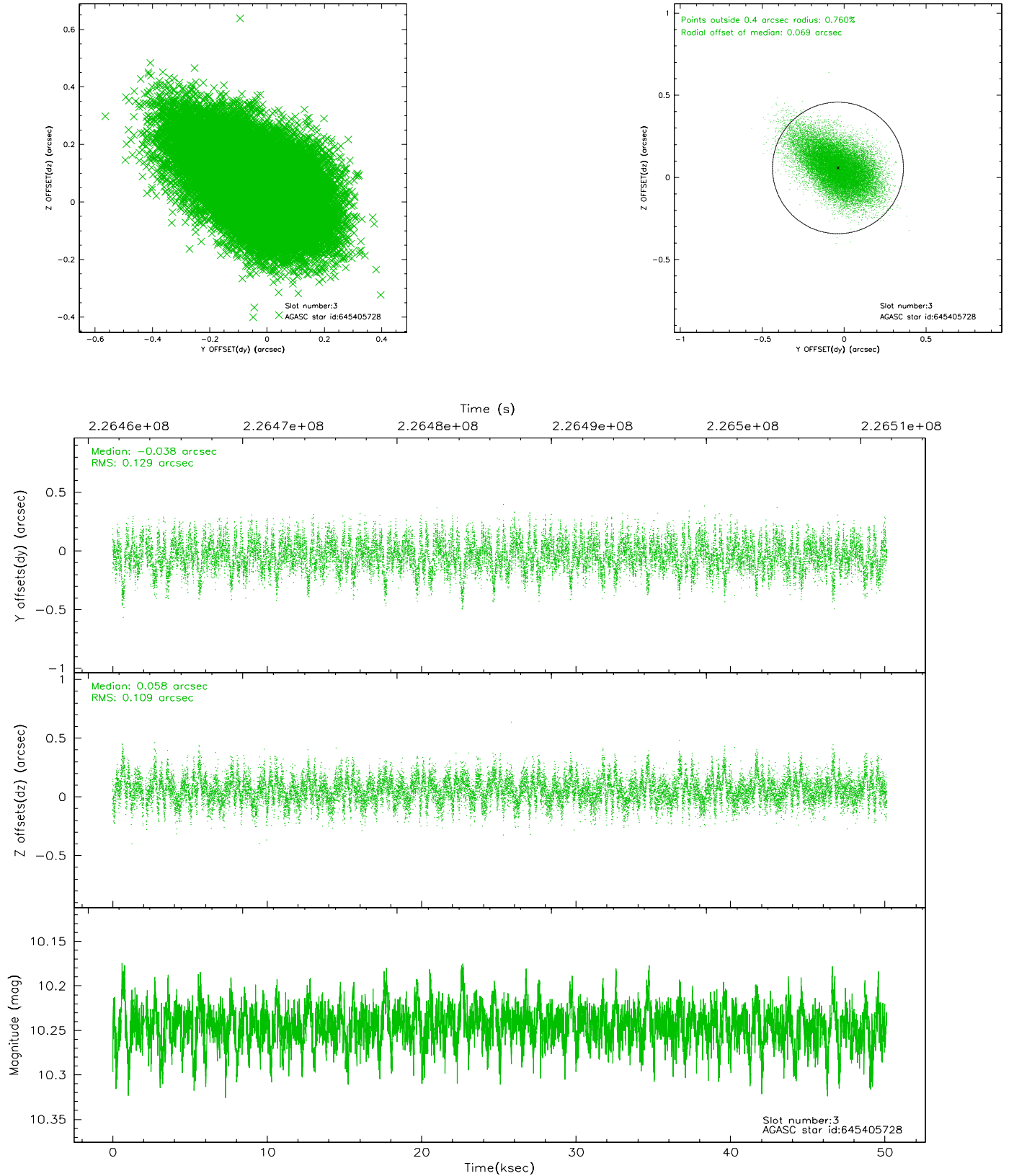


Slot Statistics

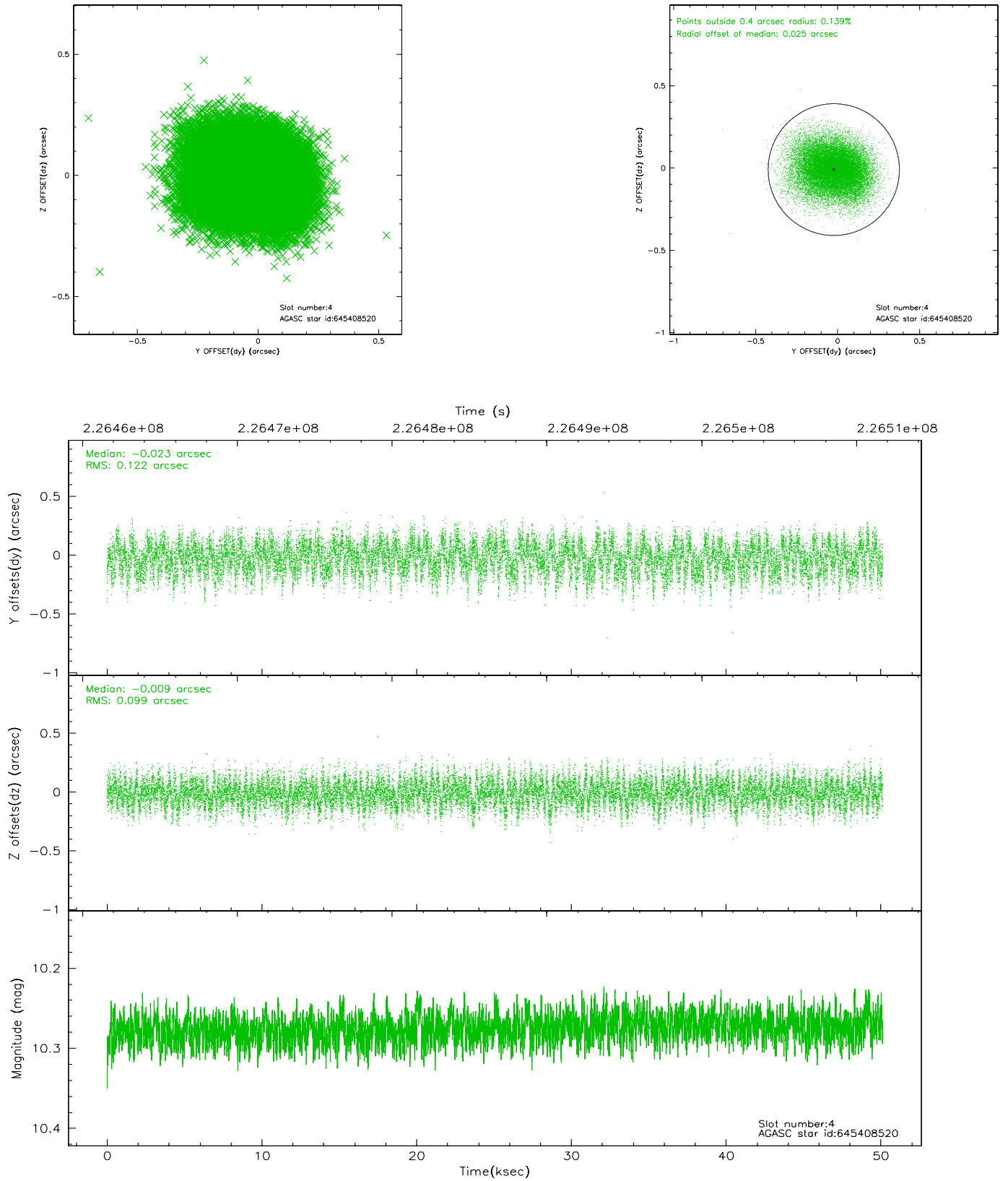
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	12225	-0.030	-0.024	0.010	0.021	0.000000	0.000000	-758.13	-1729.39
1	FID	ACIS-S-4	7.21	12225	0.059	0.022	0.006	0.010	0.000000	0.000000	2155.26	179.14
2	FID	ACIS-S-5	7.23	12225	-0.059	0.012	0.009	0.022	0.000000	0.000000	-1811.01	172.81
3	GUIDE	645405728	10.24	24357	-0.038	0.058	0.175	0.301	166.379932	-4.876775	-1664.37	1925.98
4	GUIDE	645408520	10.28	24412	-0.023	-0.009	0.167	0.268	166.485150	-4.846117	-1285.29	2029.69
5	BAD	645793424	10.46	23450	0.129	-0.045	0.214	0.361	167.489888	-5.605287	2263.58	-771.32
6	GUIDE	645798808	9.59	24314	0.059	-0.115	0.138	0.207	166.261457	-5.333958	-2118.92	288.08
7	GUIDE	645801536	10.46	24418	-0.100	0.109	0.179	0.306	166.481888	-5.828422	-1361.88	-1505.83

2.4 Star Slots

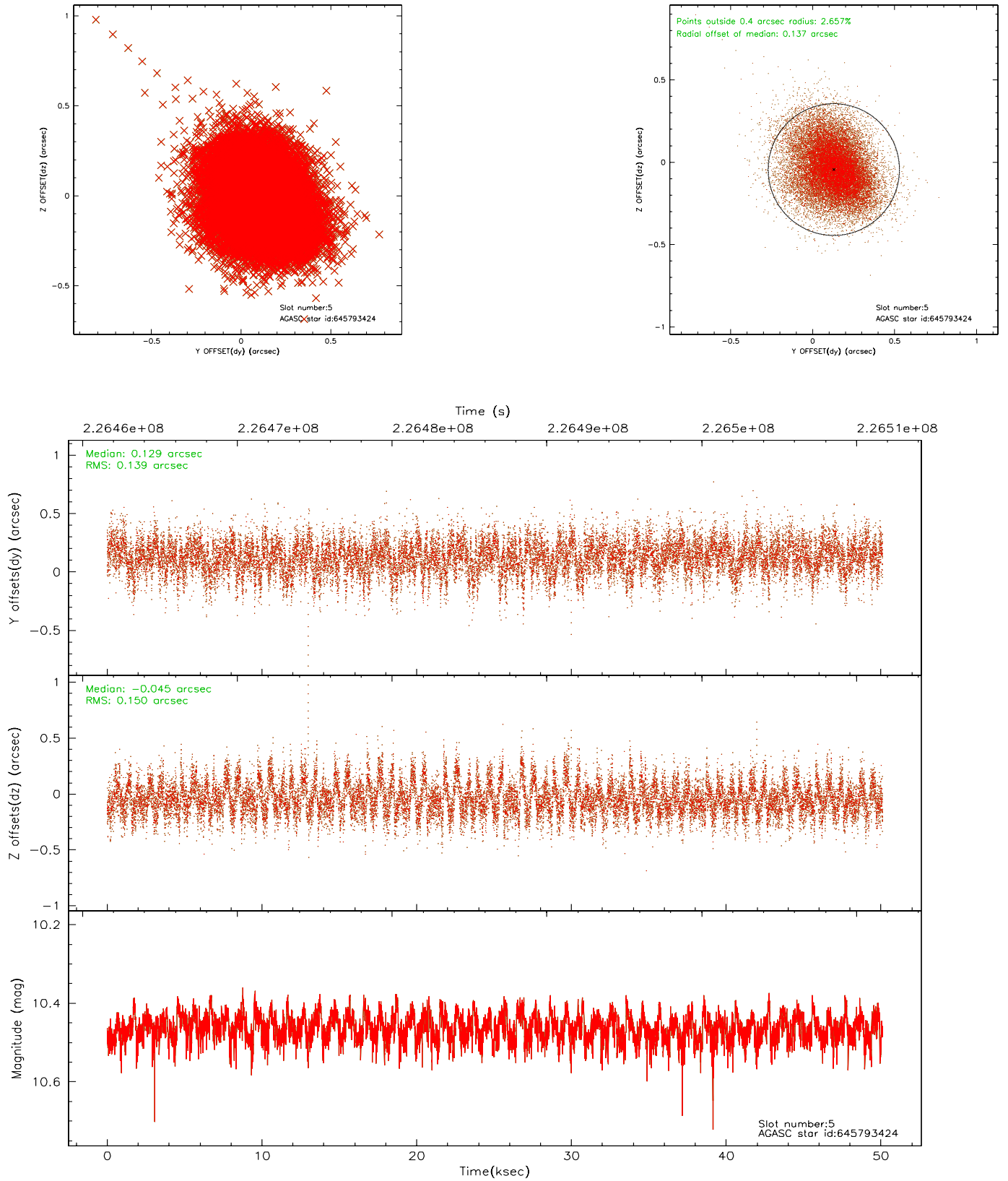
2.4.1 Slot 3



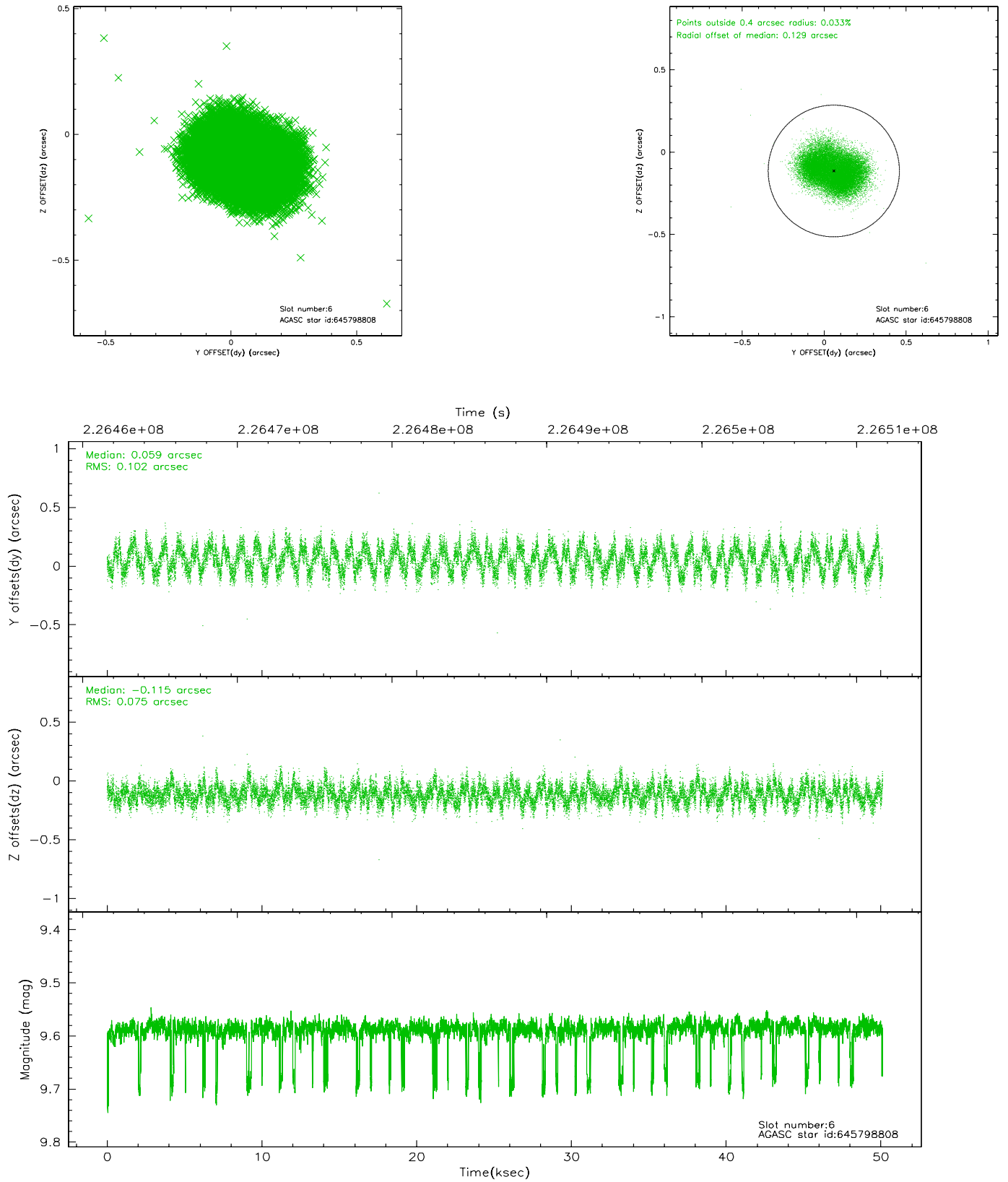
2.4.2 Slot 4



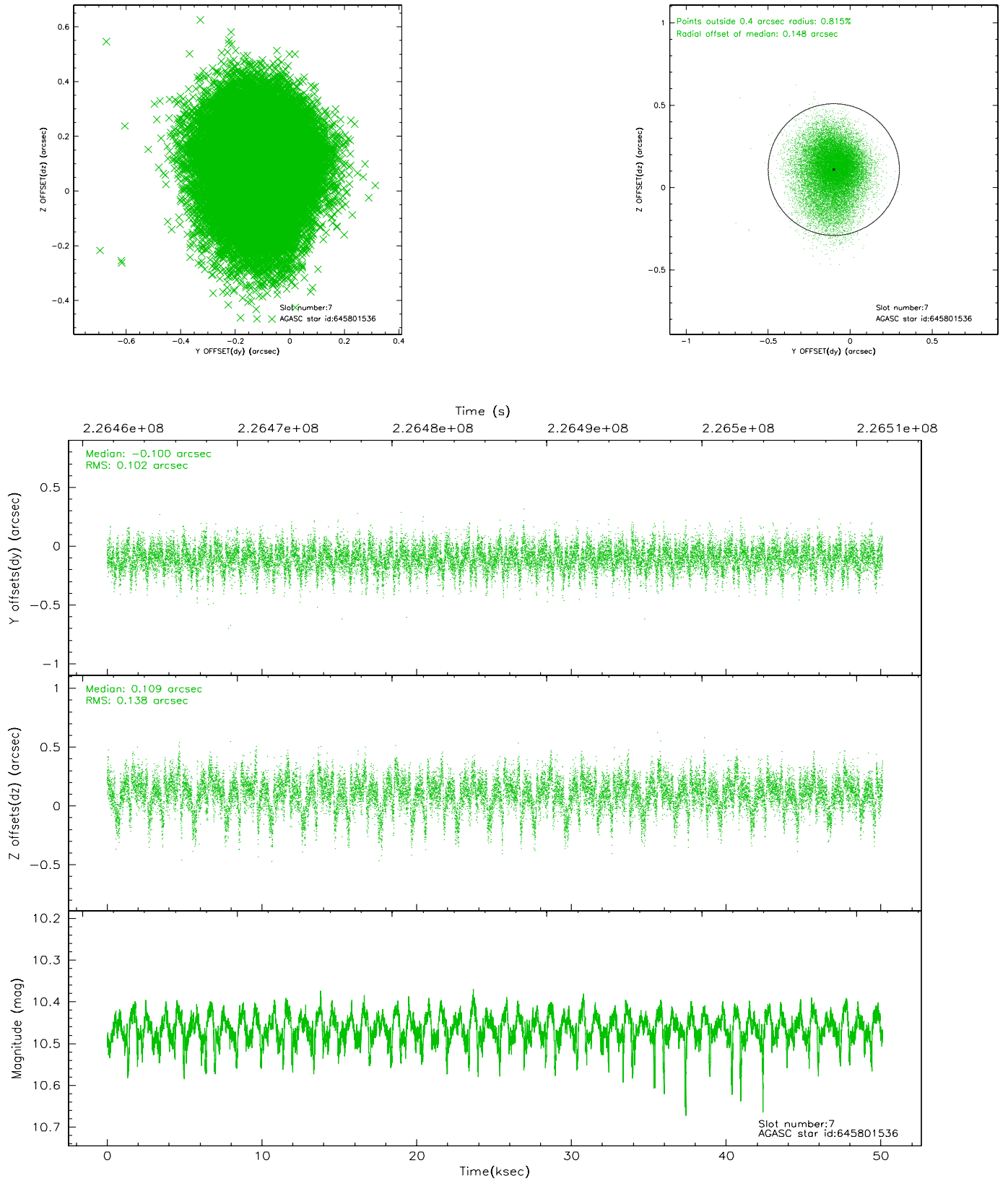
2.4.3 Slot 5



2.4.4 Slot 6

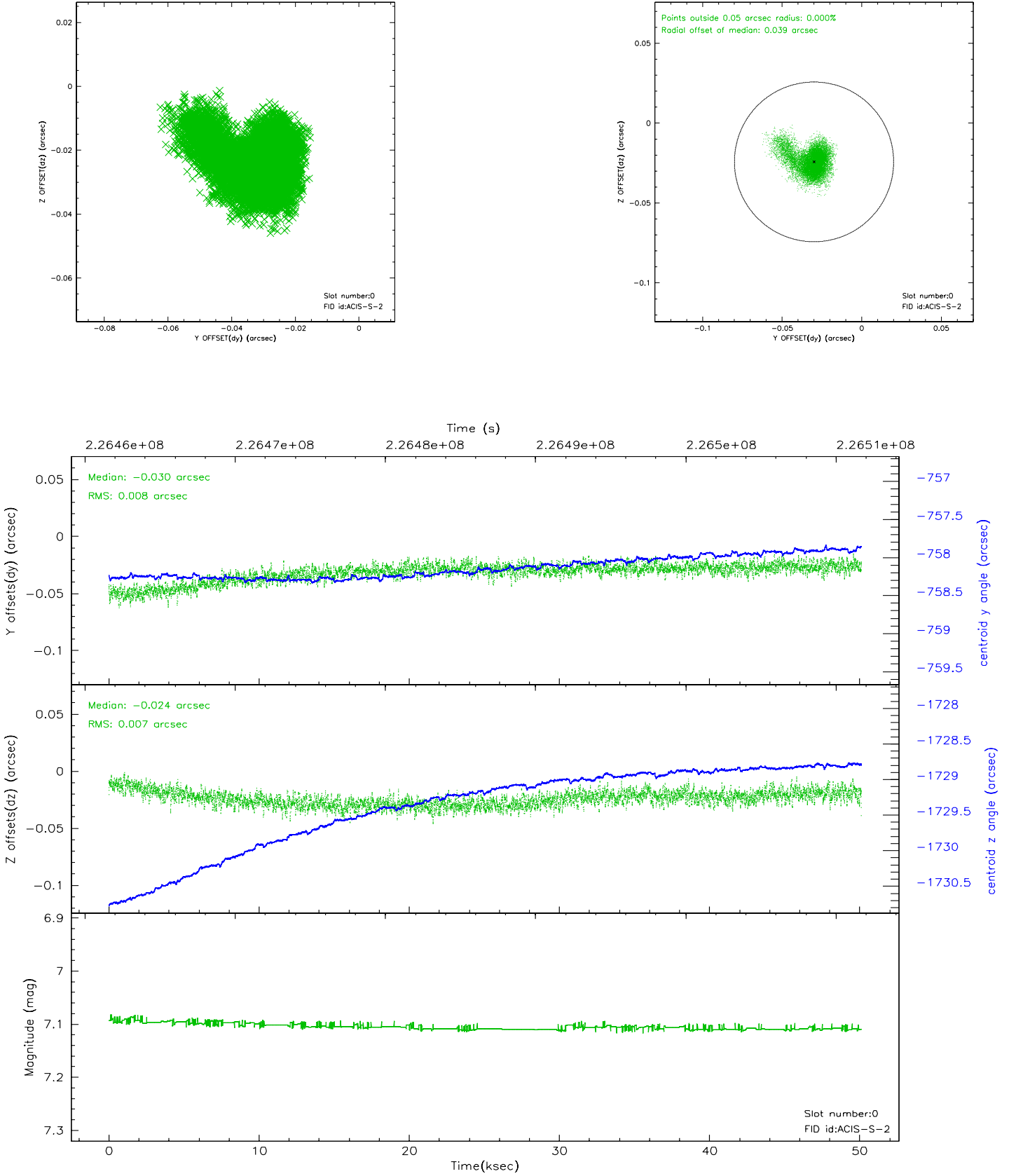


2.4.5 Slot 7

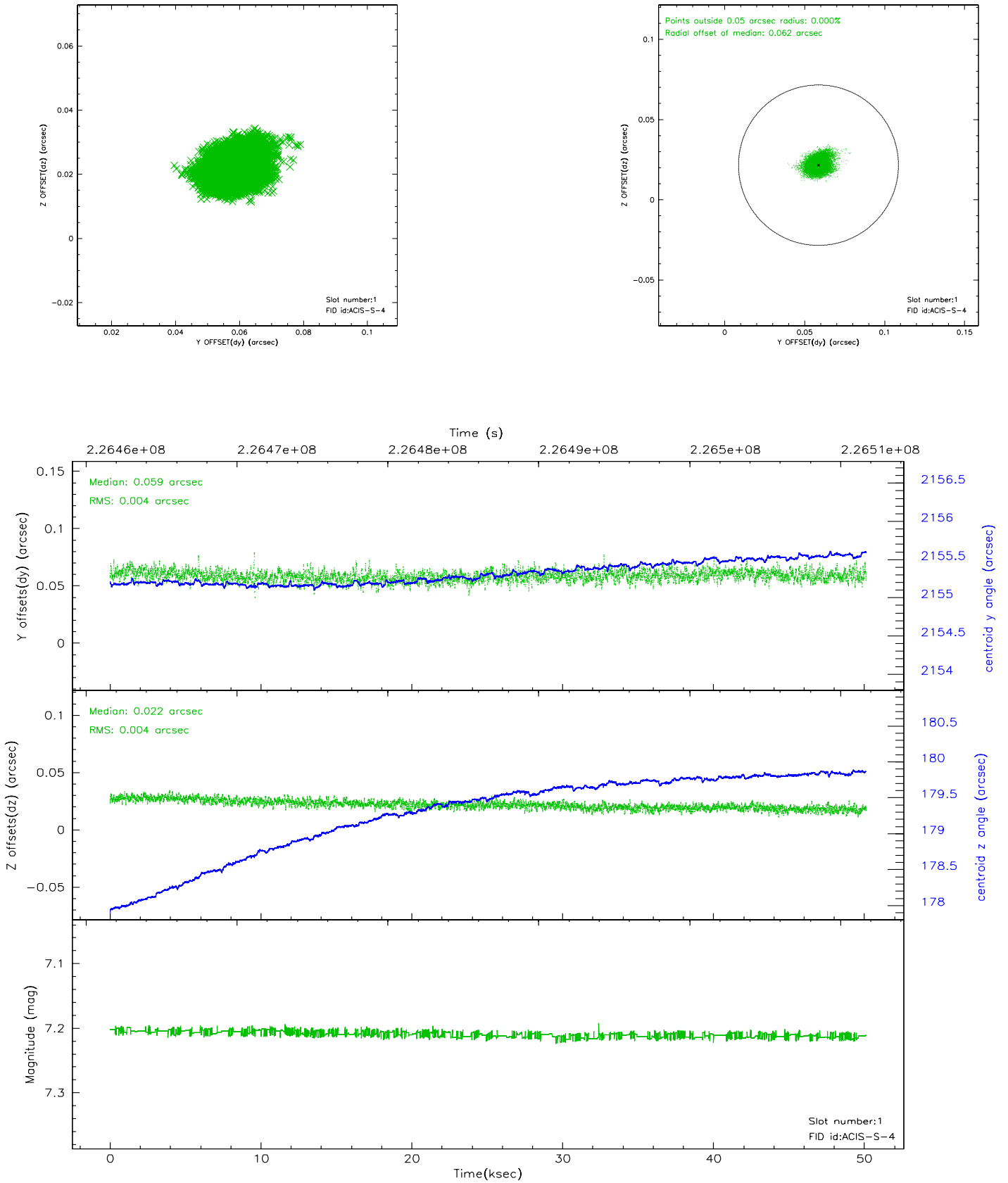


2.5 FID Slots

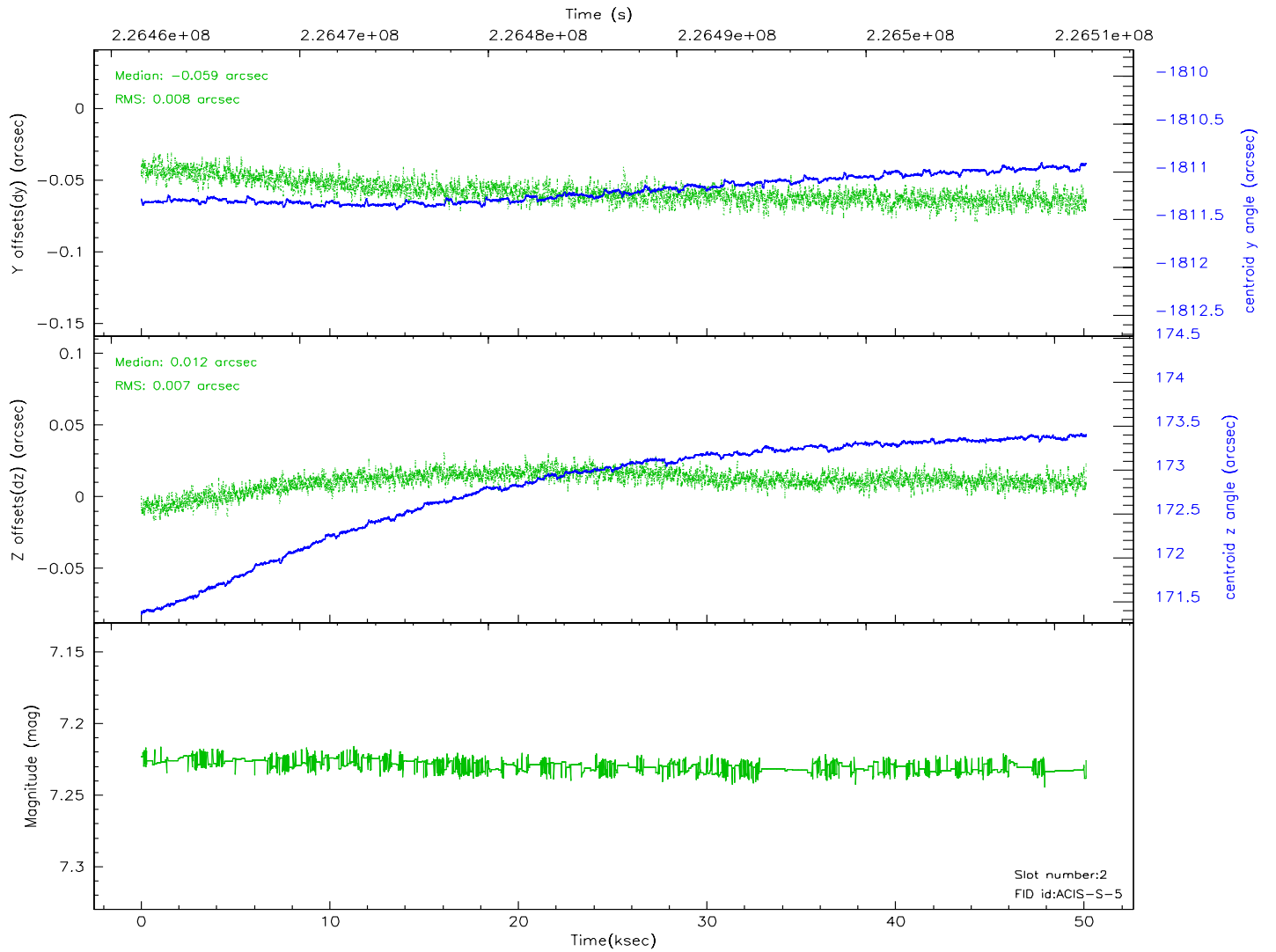
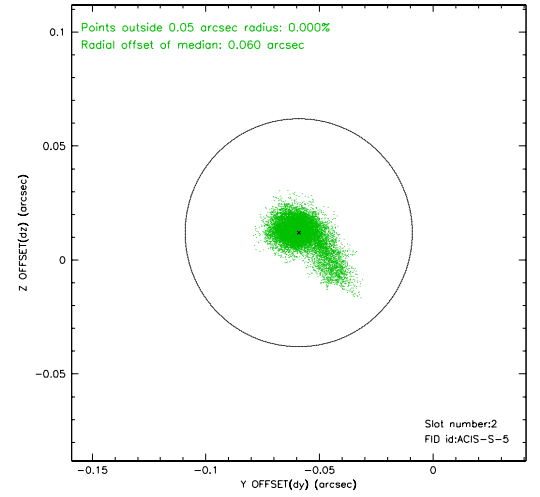
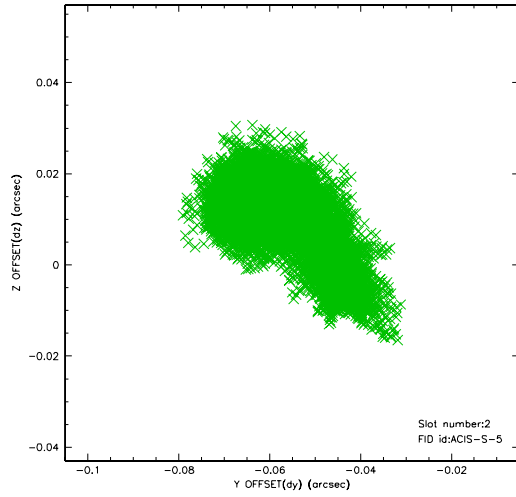
2.5.1 Slot 0



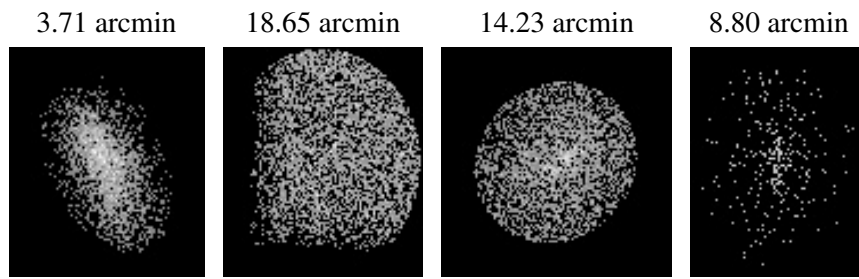
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.12079

A.2 Comments

Slot 5 was excluded from aspect solution.