

V&V Reference Report

L2 ASCDS Version : 7.6.7

Observation 4980 - L2 Version 002
Chandra X-Ray Center

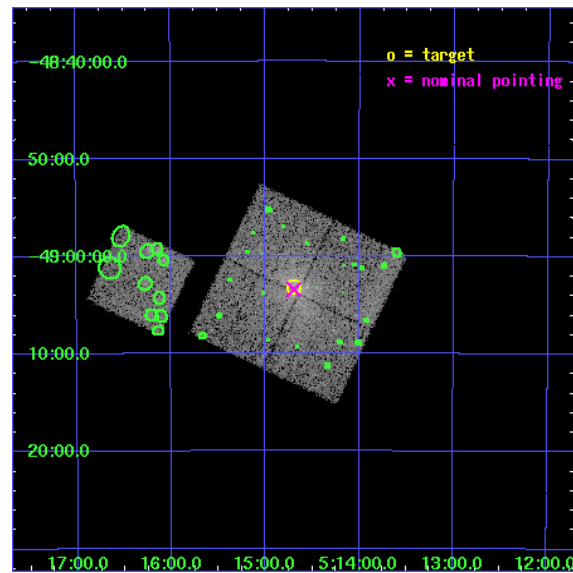
L2 Processing Date: Feb 22 2006

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

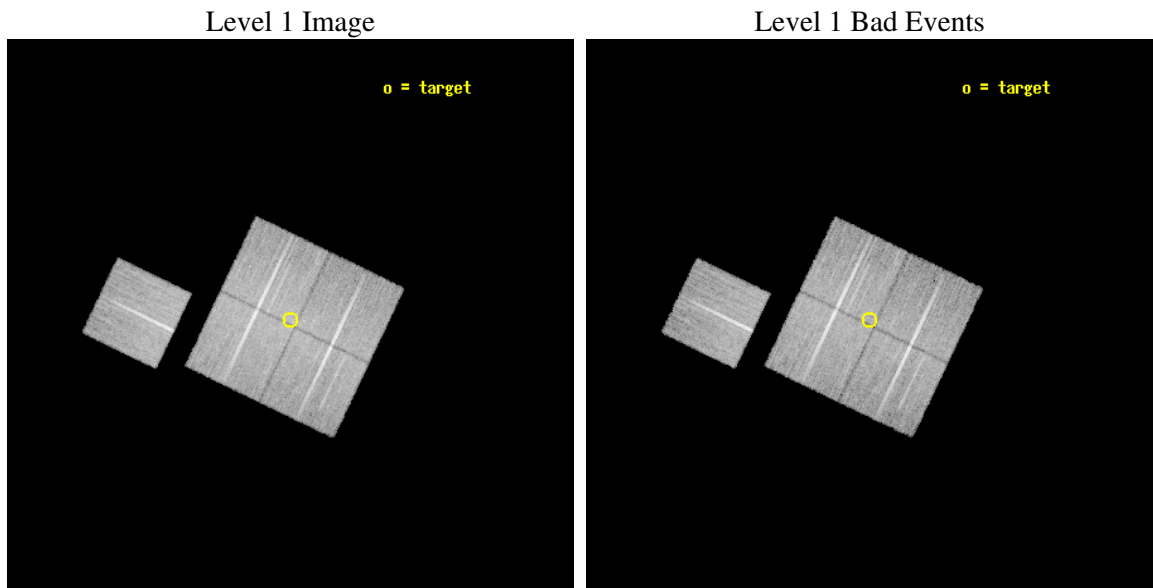
seq_num	800425
obs_id	4980
title	Chandra Observations of DLS Shear-Selected Clusters
observer	Prof. John Hughes
object	DLS J0514-4904
dtcycle	0
cycle	P
ra_targ	78.673667
dec_targ	-49.0525
ra_nom	78.674016366424
dec_nom	-49.057127323464
roll_nom	295.67615986214
revision	2
ontime	20140.577020586
livetime	19877.425554534
ontime0	20146.858981013
ontime1	20149.999961257
ontime2	20149.999961257
ontime3	20140.577020586
ontime6	20146.858991027
l2events	61327



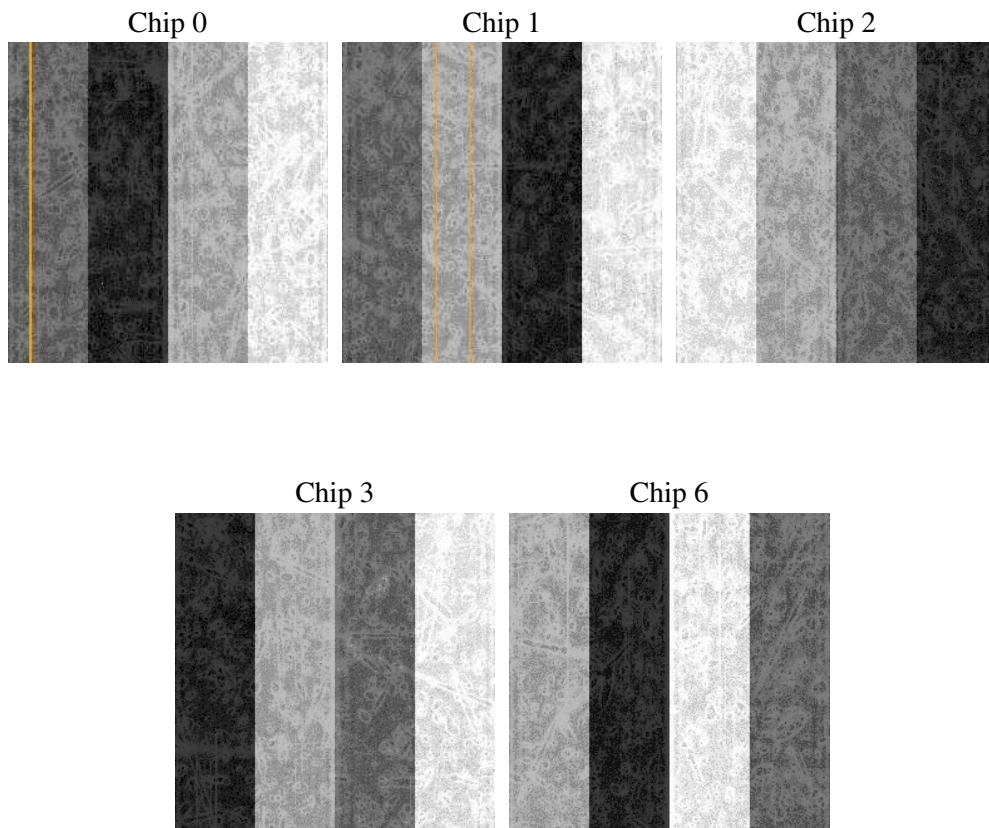
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.7
caldbver	3.2.1
date	2006-02-23T00:19:48
revision	2

sched_exp_time	20000.000000
ontime	20146.407811433
ontime0	20152.689771861
ontime1	20155.830752105
ontime2	20155.830752105
ontime3	20146.407811433
ontime6	20152.689781874
l1events	609781

2.1.4 Events

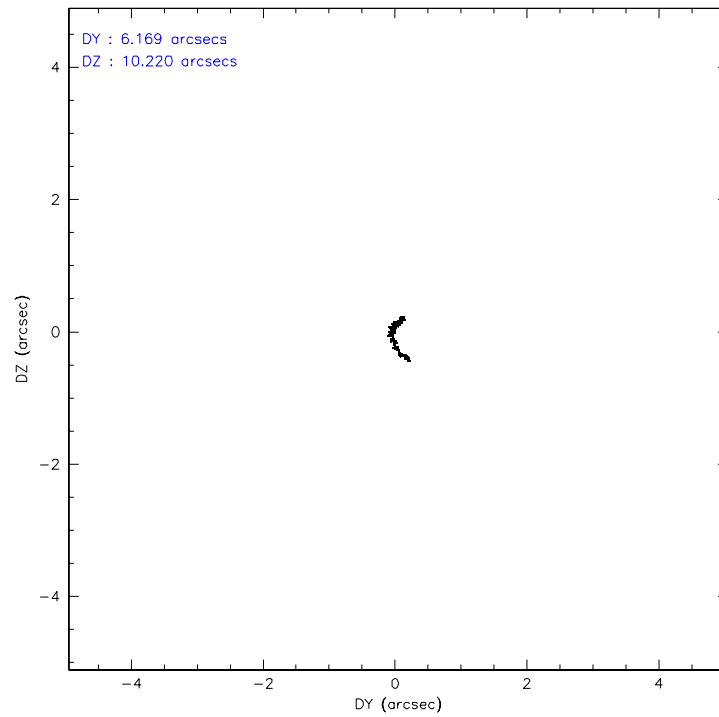
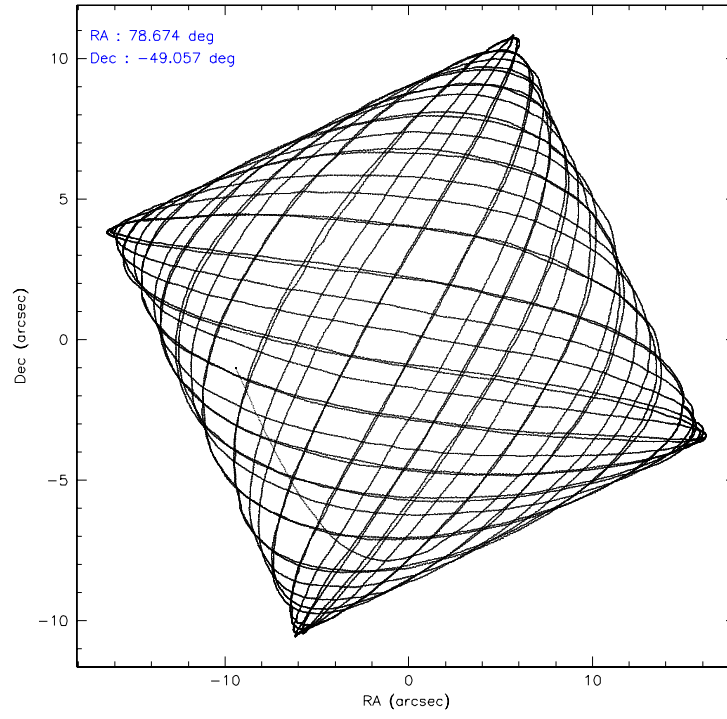
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	116736	112163	132425	126679	121778
rejected events	102225	96463	118097	111686	109183
rejected %	87%	86%	89%	88%	89%

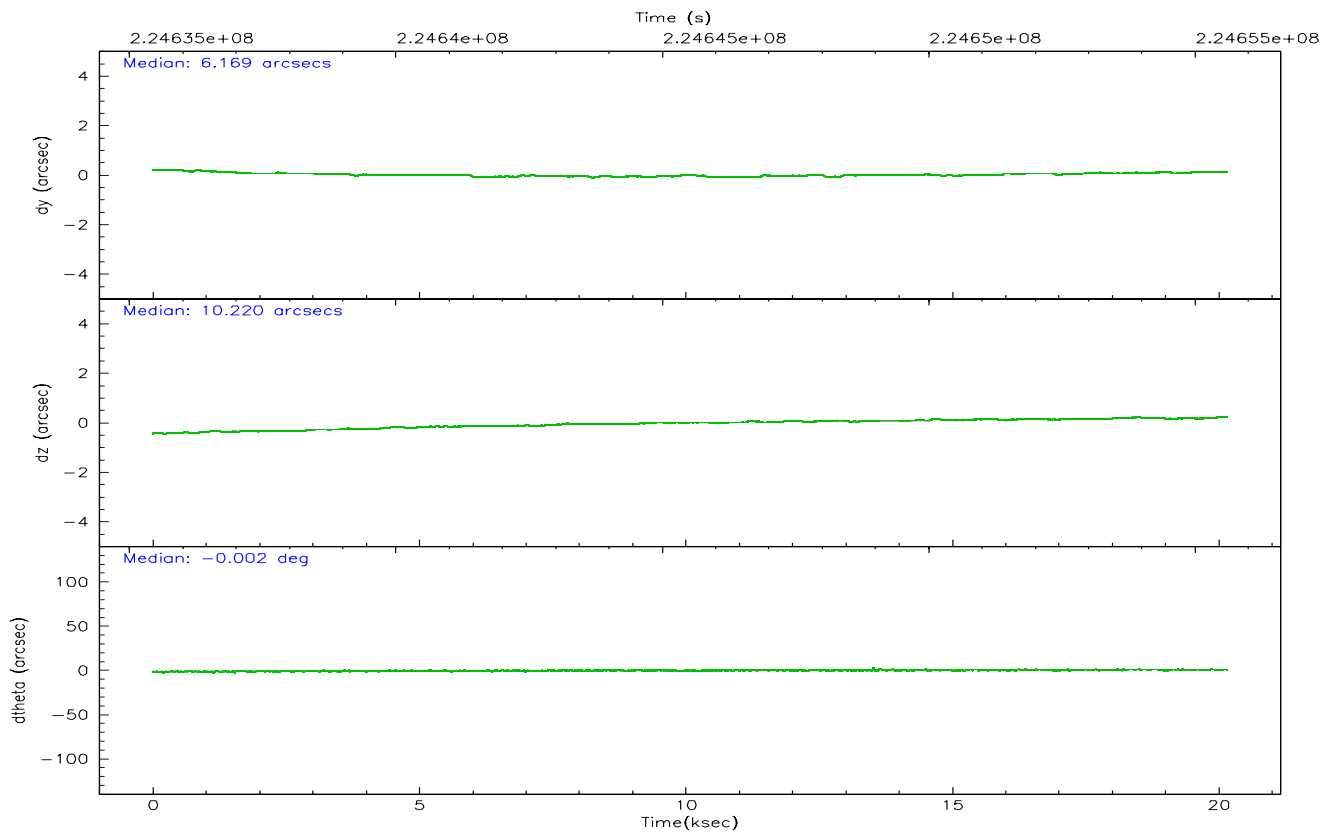
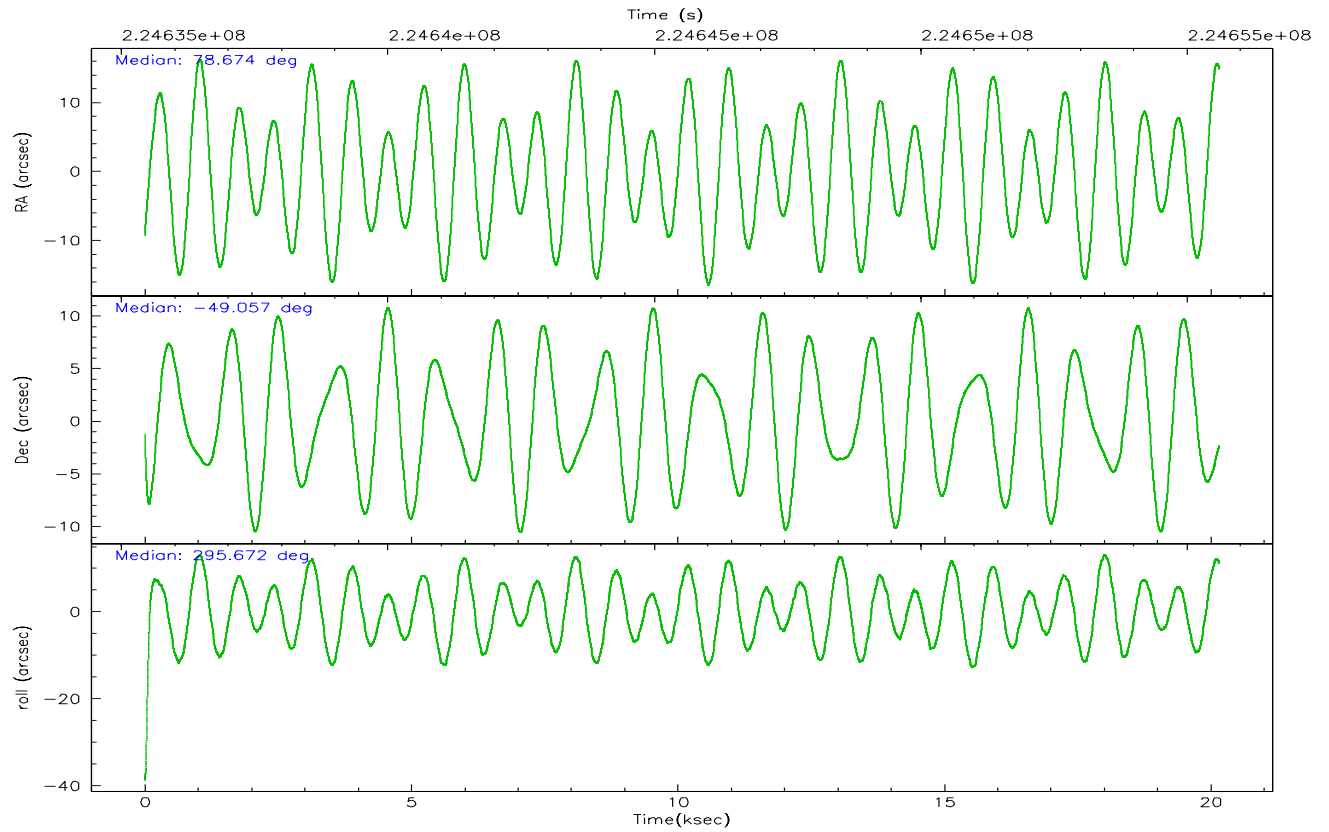
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	5967	6721	6209	7024	4607
	5%	5%	4%	5%	3%
grade 1 events	70	76	80	73	55
	0%	0%	0%	0%	0%
grade 2 events	3178	3159	3092	2822	2751
	2%	2%	2%	2%	2%
grade 3 events	1540	1631	1349	1385	1350
	1%	1%	1%	1%	1%
grade 4 events	1407	1497	1362	1439	1339
	1%	1%	1%	1%	1%
grade 5 events	4393	4674	4131	4978	4799
	3%	4%	3%	3%	3%
grade 6 events	2424	2696	2320	2327	2555
	2%	2%	1%	1%	2%
grade 7 events	97757	91709	113882	106631	104322
	83%	81%	85%	84%	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	78.639405	78.6740163664236	Alternating exposures requested	N	N
Pointing Dec	-49.041771	-49.05712732346441	Primary exposure time	0.000000	3.1
Pointing Roll	295.441349	295.6761598621416			
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	224635595.184000	224634616.592			
Observation start date	2005-02-12T22:45:31	2005-02-12T22:30:16			
Observation end time	224655595.184000	224656266.64298			
Observation end date	2005-02-13T04:18:51	2005-02-13T04:31:06			
Read mode	TIMED	TIMED			

2.3 Aspect



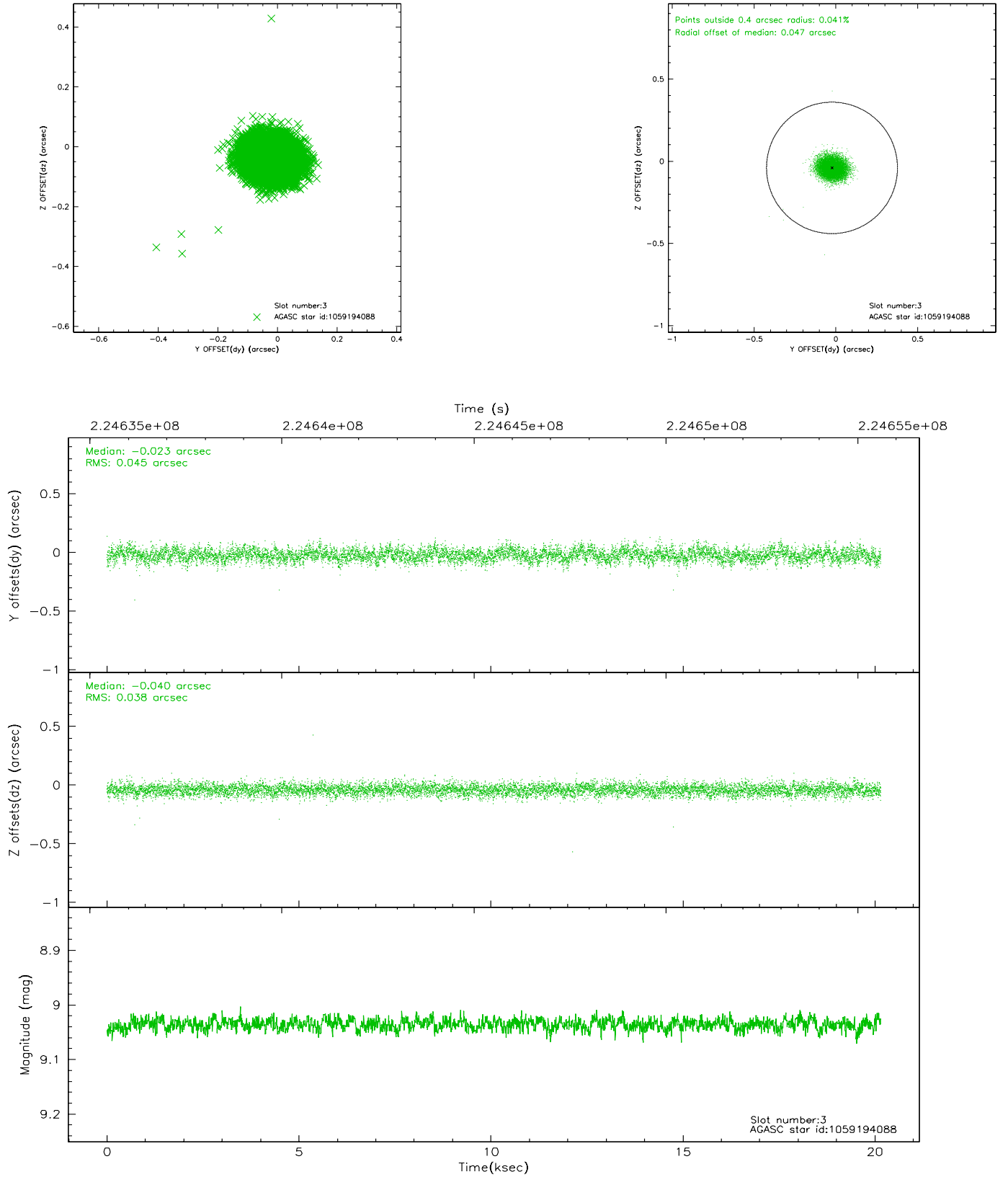


Slot Statistics

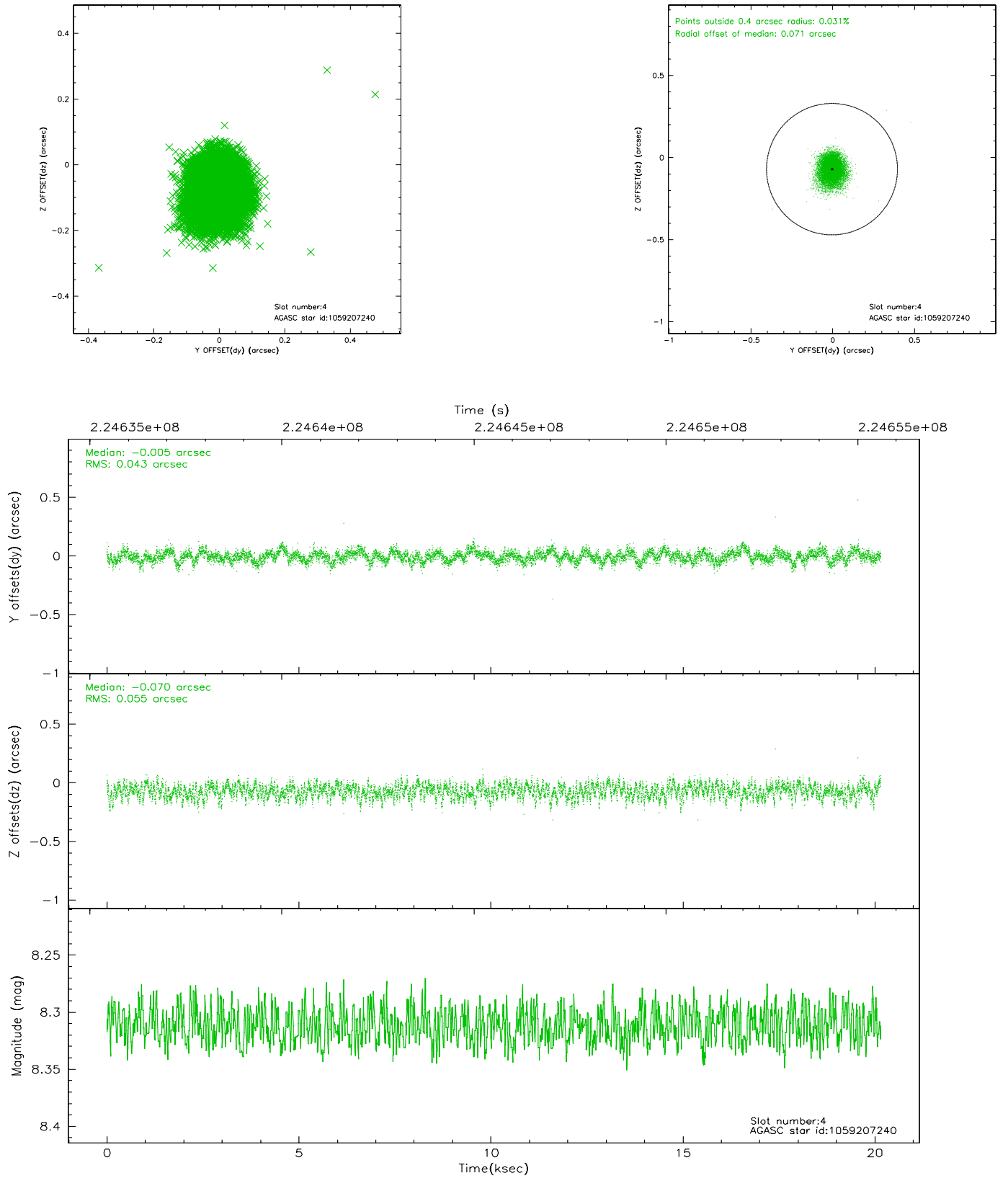
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	4916	-0.007	0.032	0.011	0.020	0.000000	0.000000	933.50	-833.62
1	FID	ACIS-I-5	7.23	4916	-0.131	0.024	0.007	0.011	0.000000	0.000000	-1814.62	1063.77
2	FID	ACIS-I-6	7.26	4916	0.048	0.014	0.010	0.016	0.000000	0.000000	398.91	1708.47
3	GUIDE	1059194088	9.04	9827	-0.023	-0.040	0.062	0.101	78.349042	-48.493725	-2077.96	221.47
4	GUIDE	1059207240	8.31	9831	-0.005	-0.070	0.073	0.118	78.013724	-49.060243	-568.46	-1363.87
5	GUIDE	1060244808	8.37	9833	0.027	0.082	0.057	0.092	78.979100	-48.690695	-792.42	1270.87
6	GUIDE	1060247984	8.12	9831	-0.001	0.033	0.062	0.097	79.200991	-48.640794	-725.08	1824.75
7	GUIDE	1060771728	7.69	9832	0.004	0.002	0.051	0.083	79.196689	-49.599626	2376.52	309.98

2.4 Star Slots

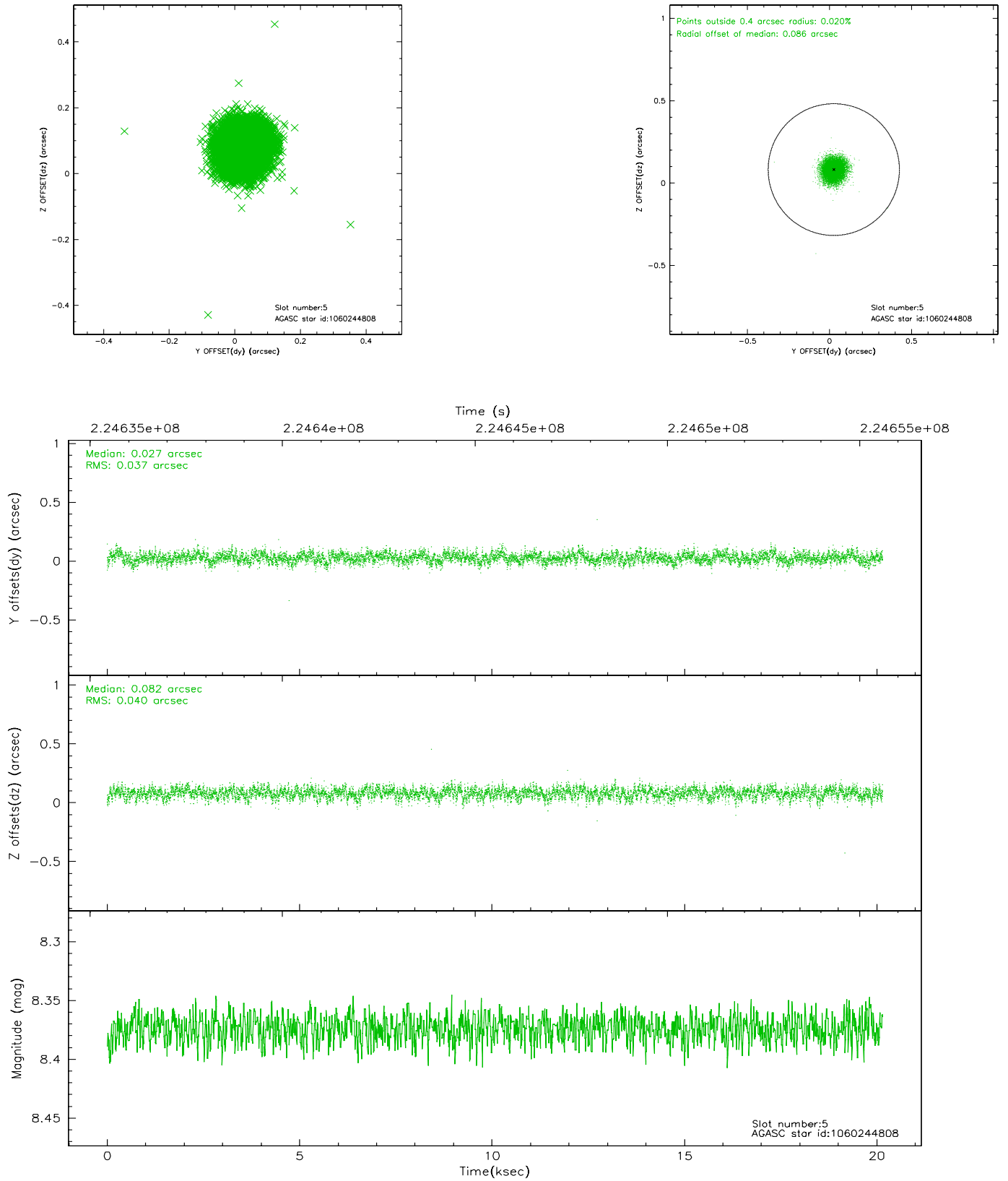
2.4.1 Slot 3



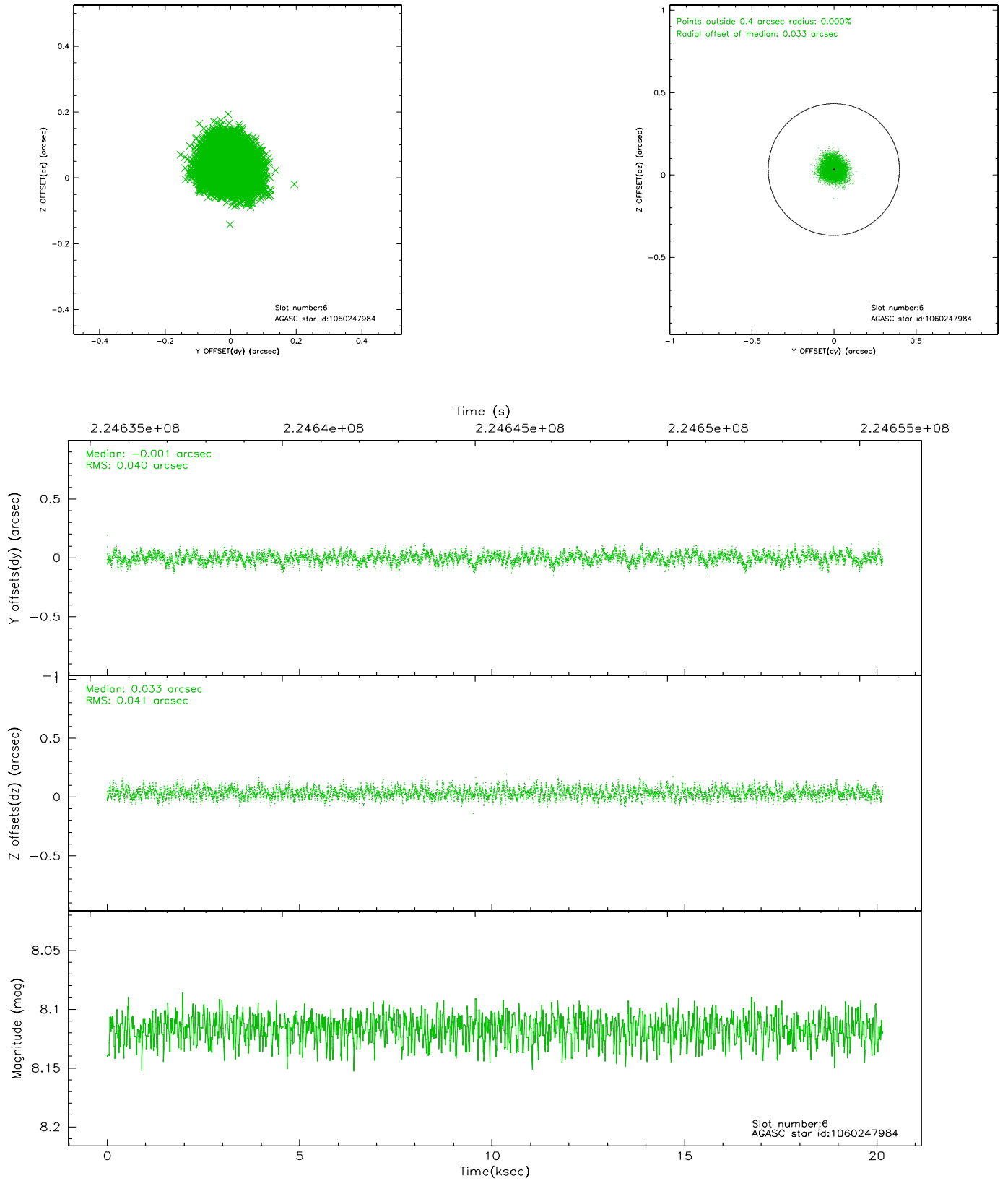
2.4.2 Slot 4



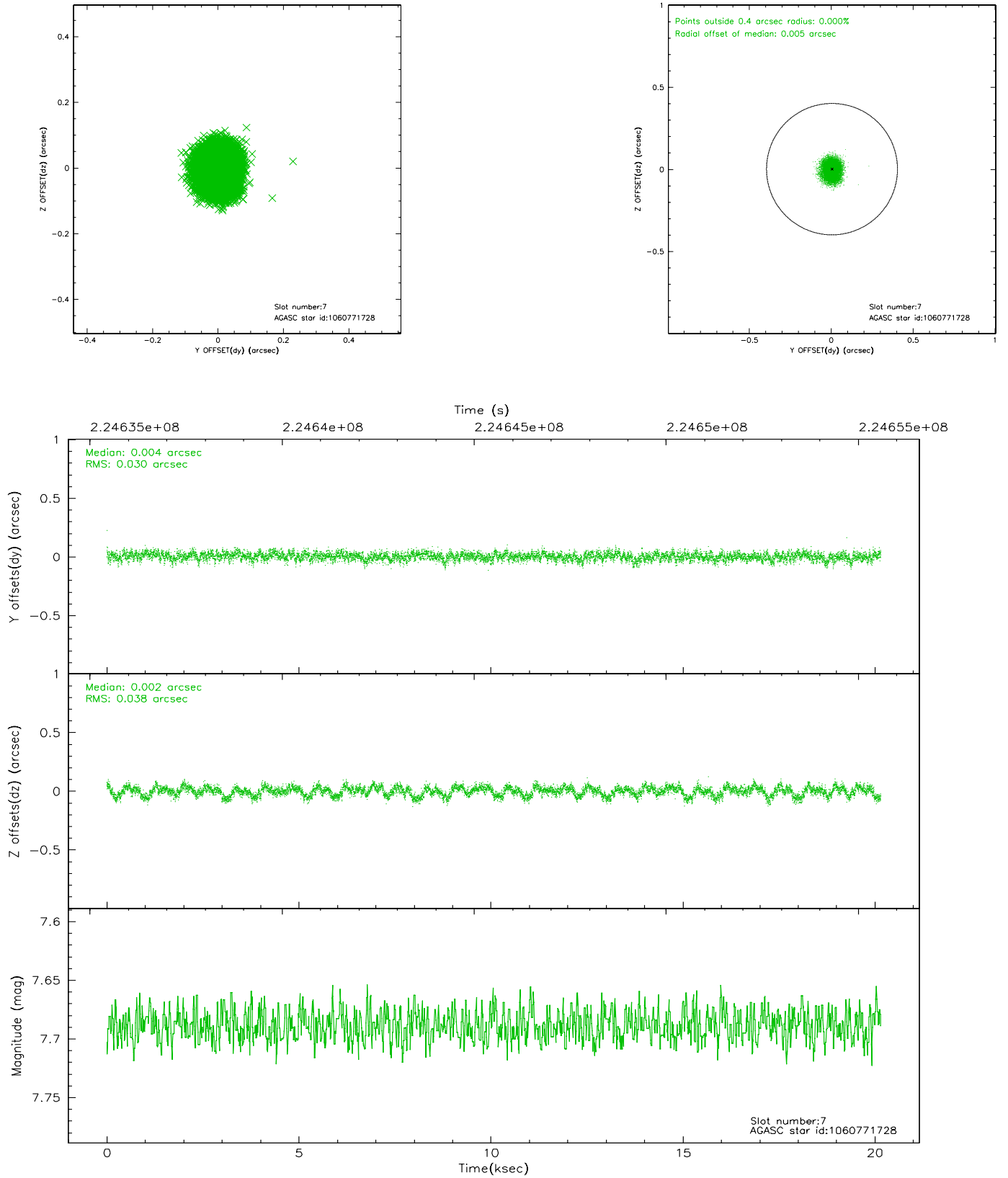
2.4.3 Slot 5



2.4.4 Slot 6

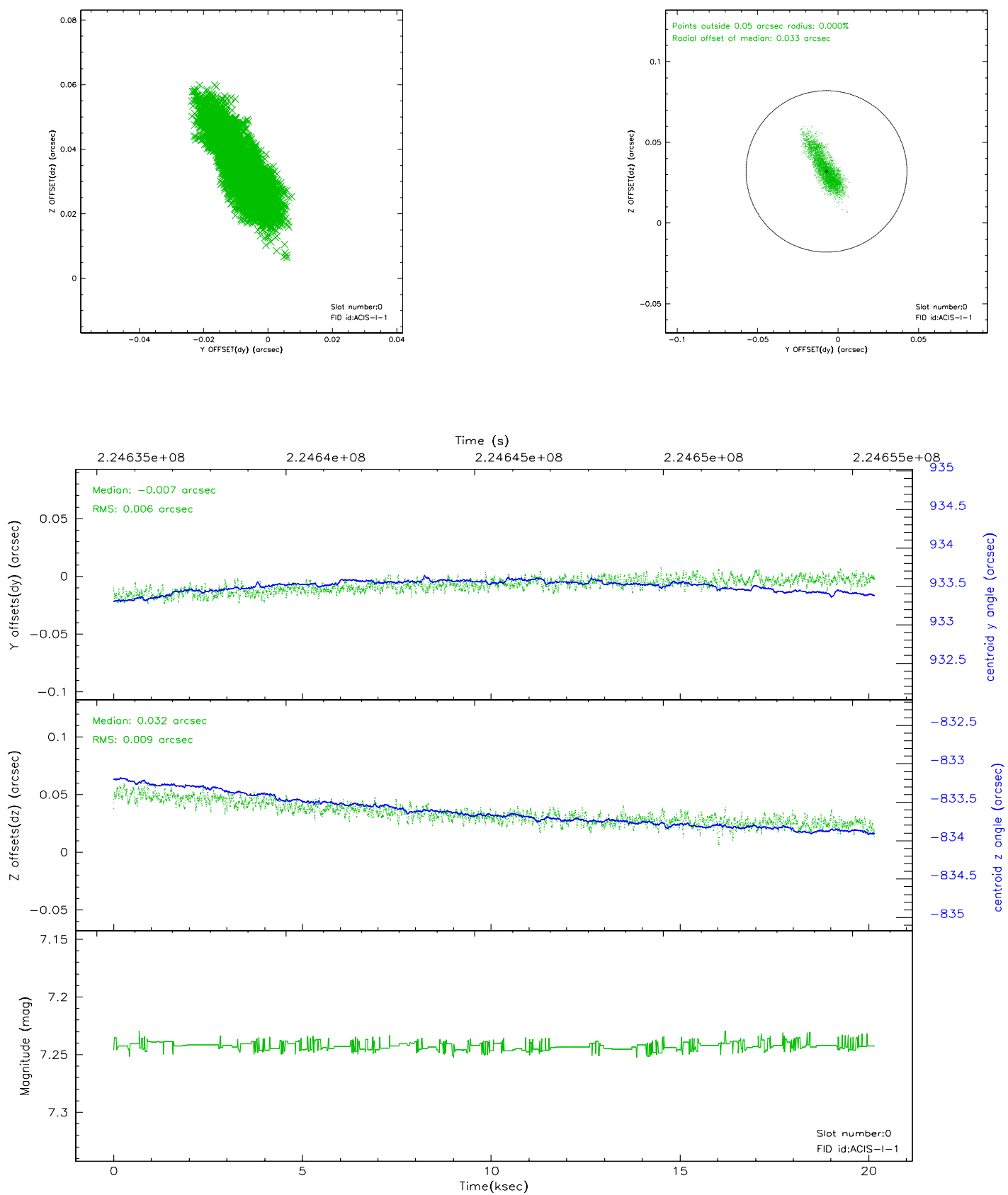


2.4.5 Slot 7

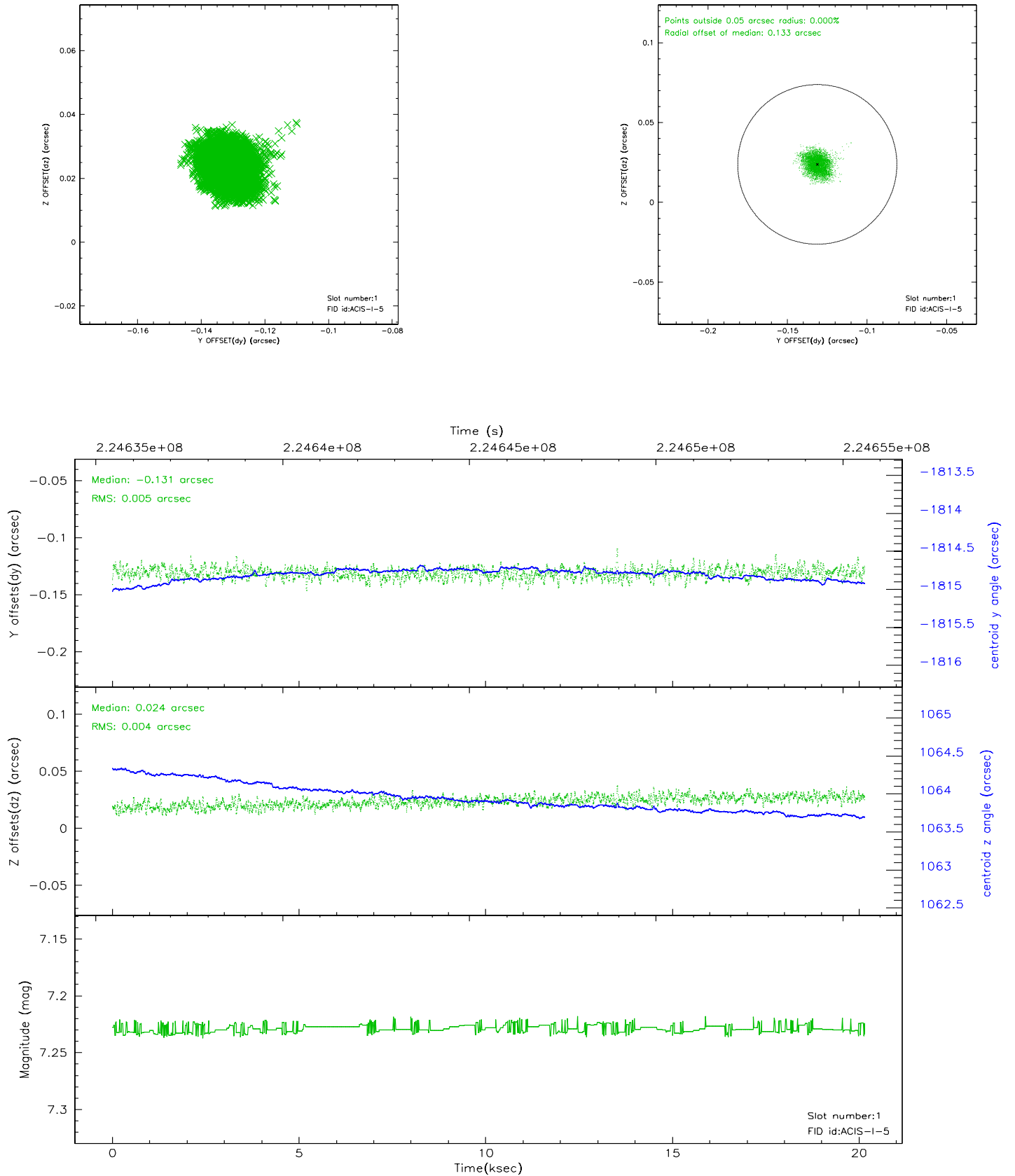


2.5 FID Slots

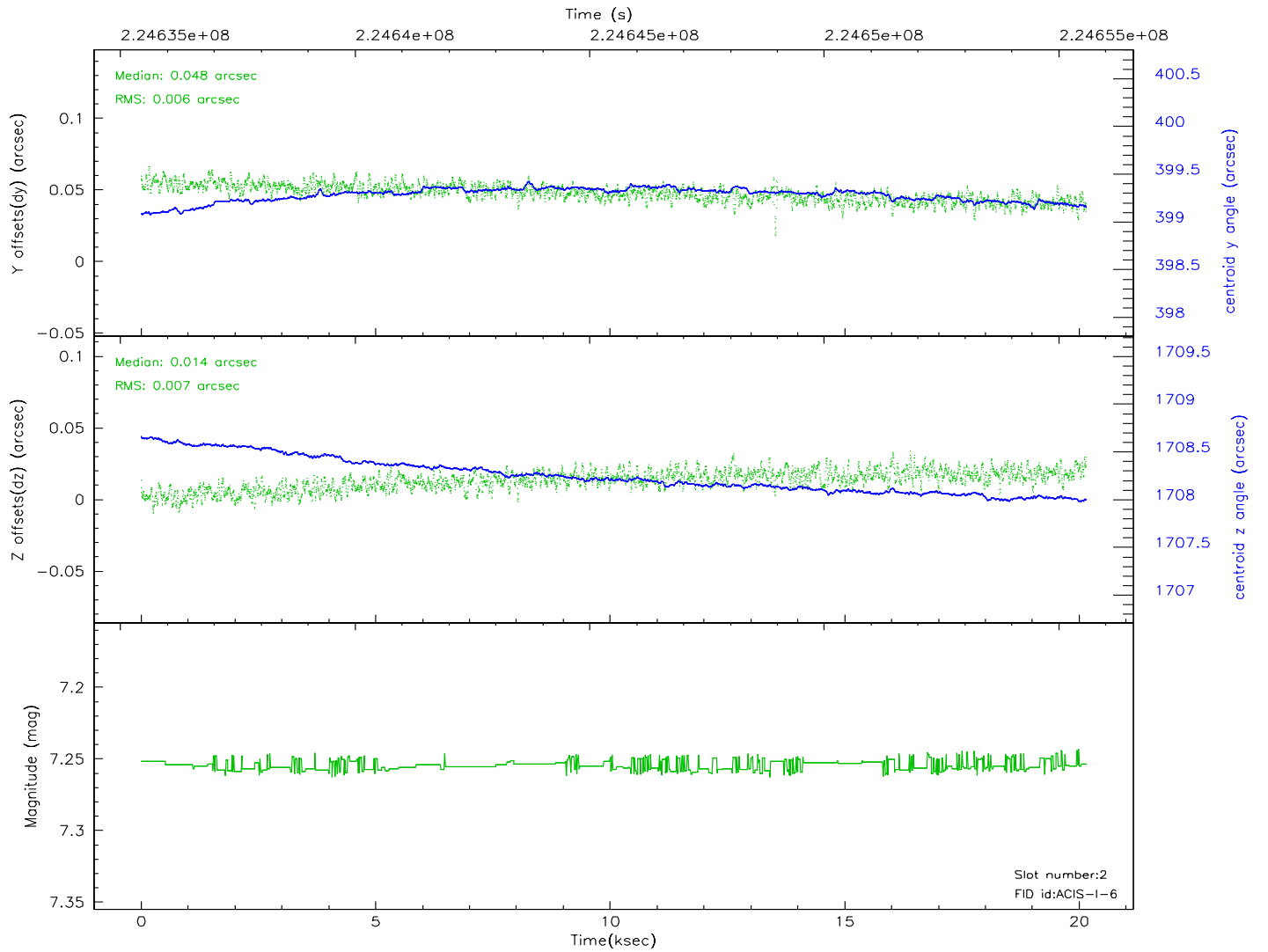
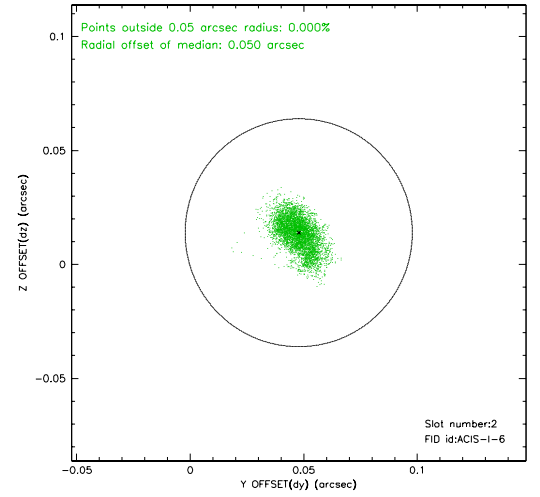
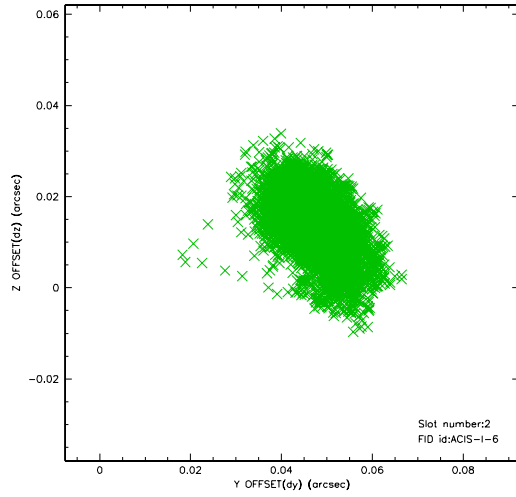
2.5.1 Slot 0



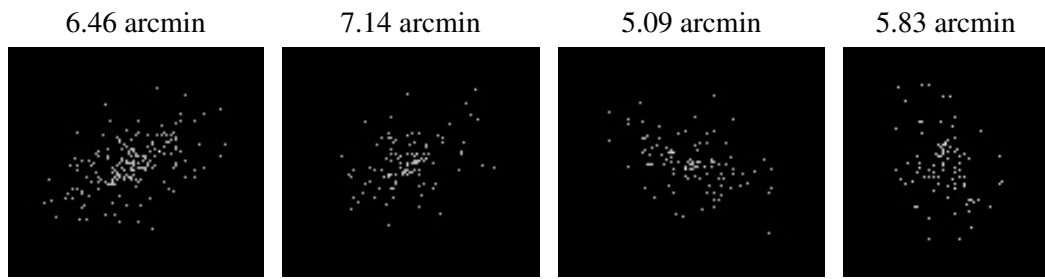
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.02.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.14057

A.2 Comments