

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 5795 - L2 Version 002
Chandra X-Ray Center

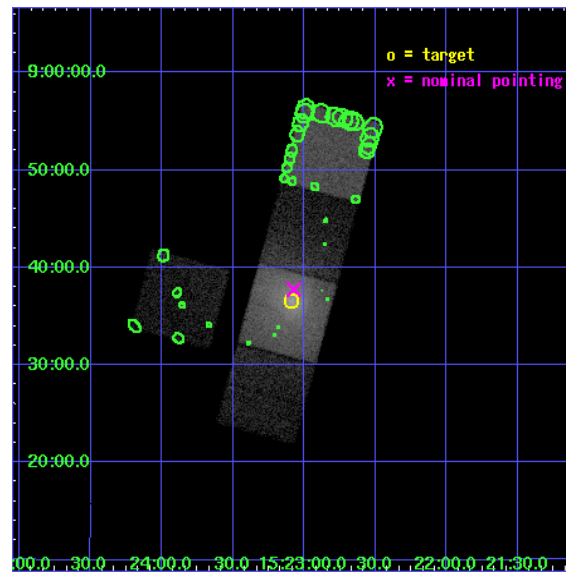
L2 Processing Date : Mar 17 2006

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1 Front

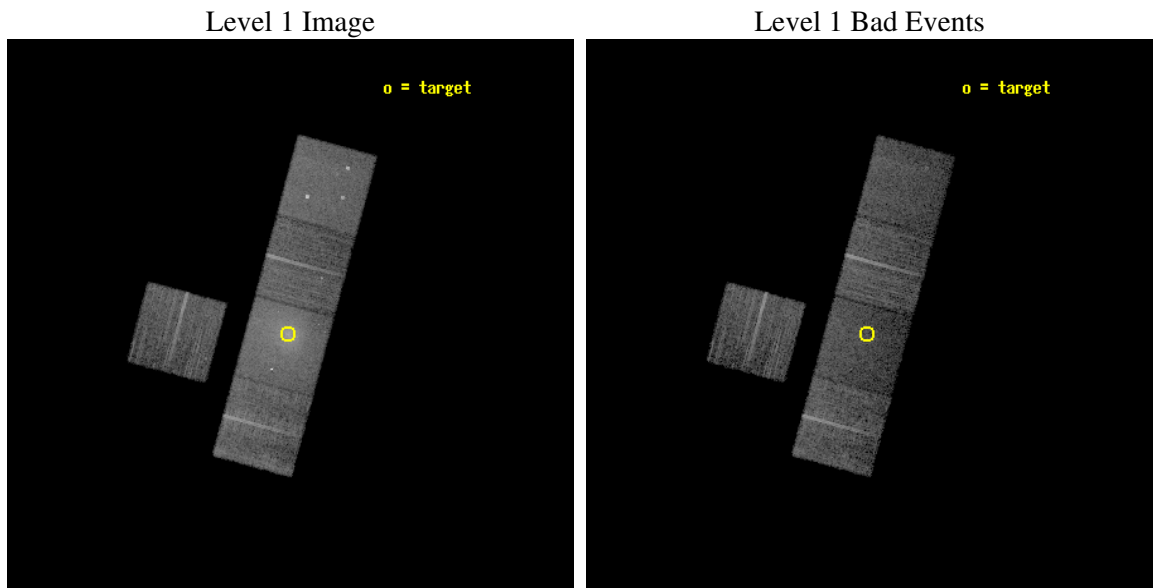
seq_num	800508
obs_id	5795
title	The Interaction between Cluster Central Radio Sources and Cooling Flows
observer	Dr. Craig Sarazin
object	A2063
dtcycle	0
cycle	P
ra_targ	230.772083
dec_targ	8.608861
ra_nom	230.76825259884
dec_nom	8.629274839052
roll_nom	105.15718879304
revision	2
ontime	10037.7999807
livetime	9906.6487342313
ontime3	10037.7999807
ontime5	10037.7999807
ontime6	10037.7999807
ontime7	10037.7999807
ontime8	10034.659000456
l2events	140348



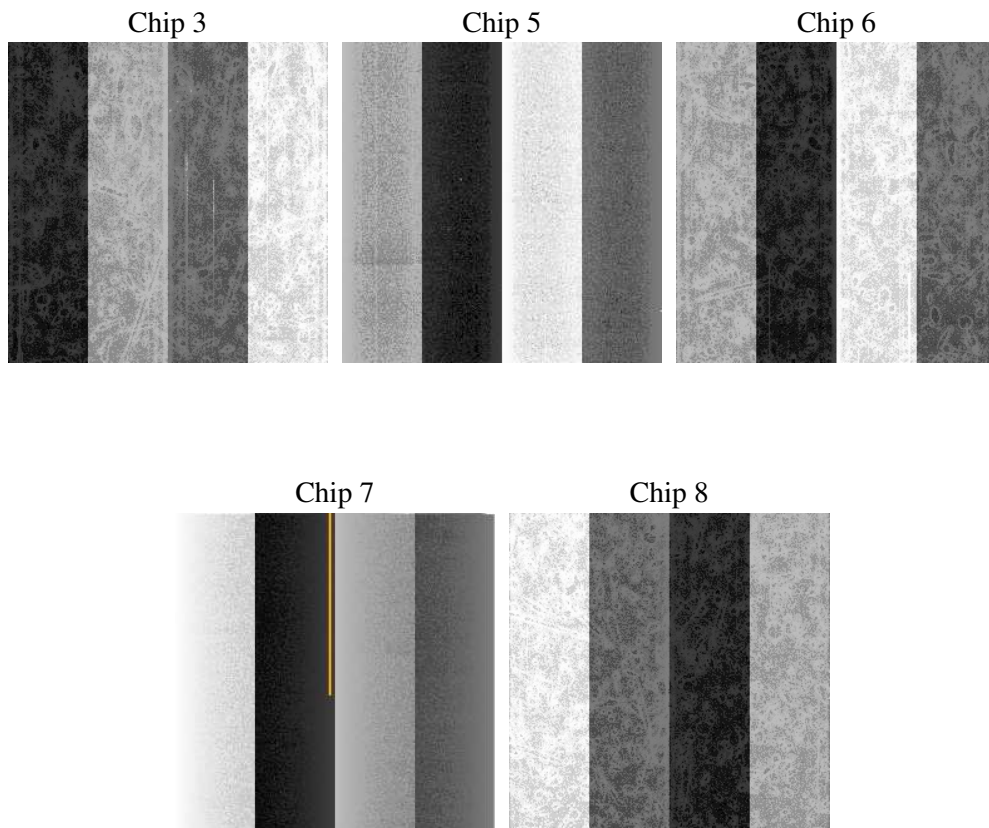
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldbver	3.2.1
date	2006-03-17T22:53:16
revision	2

sched_exp_time	10000.000000
ontime	10041.816226393
ontime3	10041.816226393
ontime5	10041.816226393
ontime6	10041.816226393
ontime7	10041.816226393
ontime8	10038.675246149
l1events	421892

2.1.4 Events

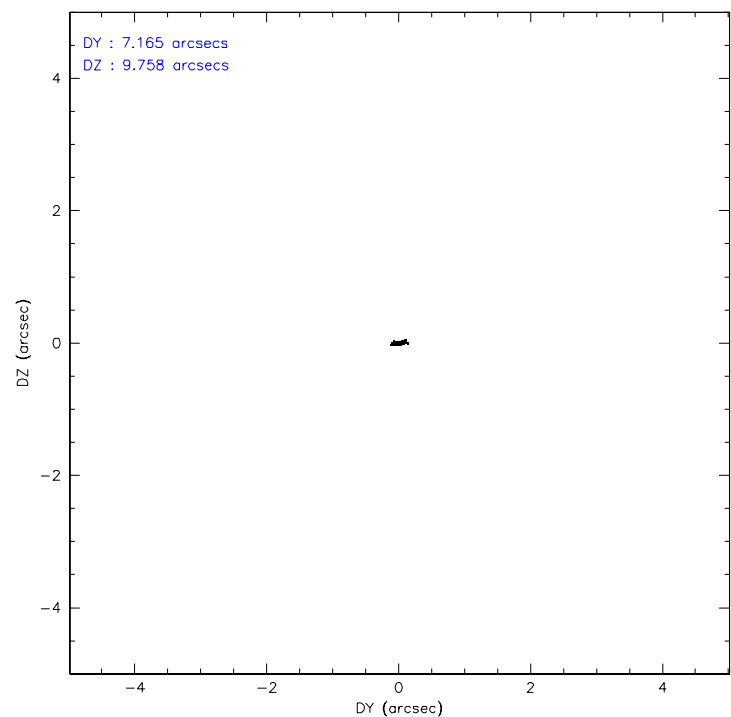
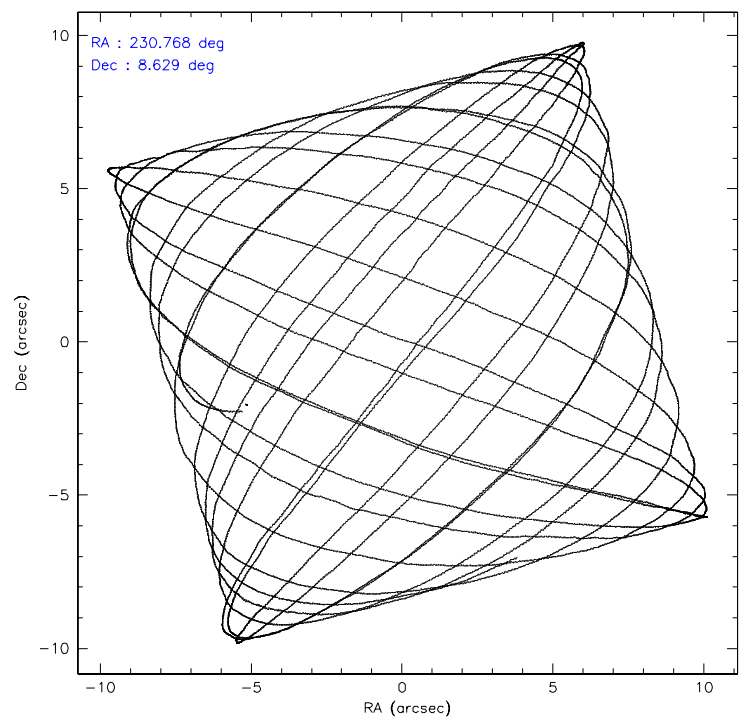
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	63289	88462	72114	116601	81426
rejected events	56069	44707	58991	41545	61598
rejected %	88%	50%	81%	35%	75%

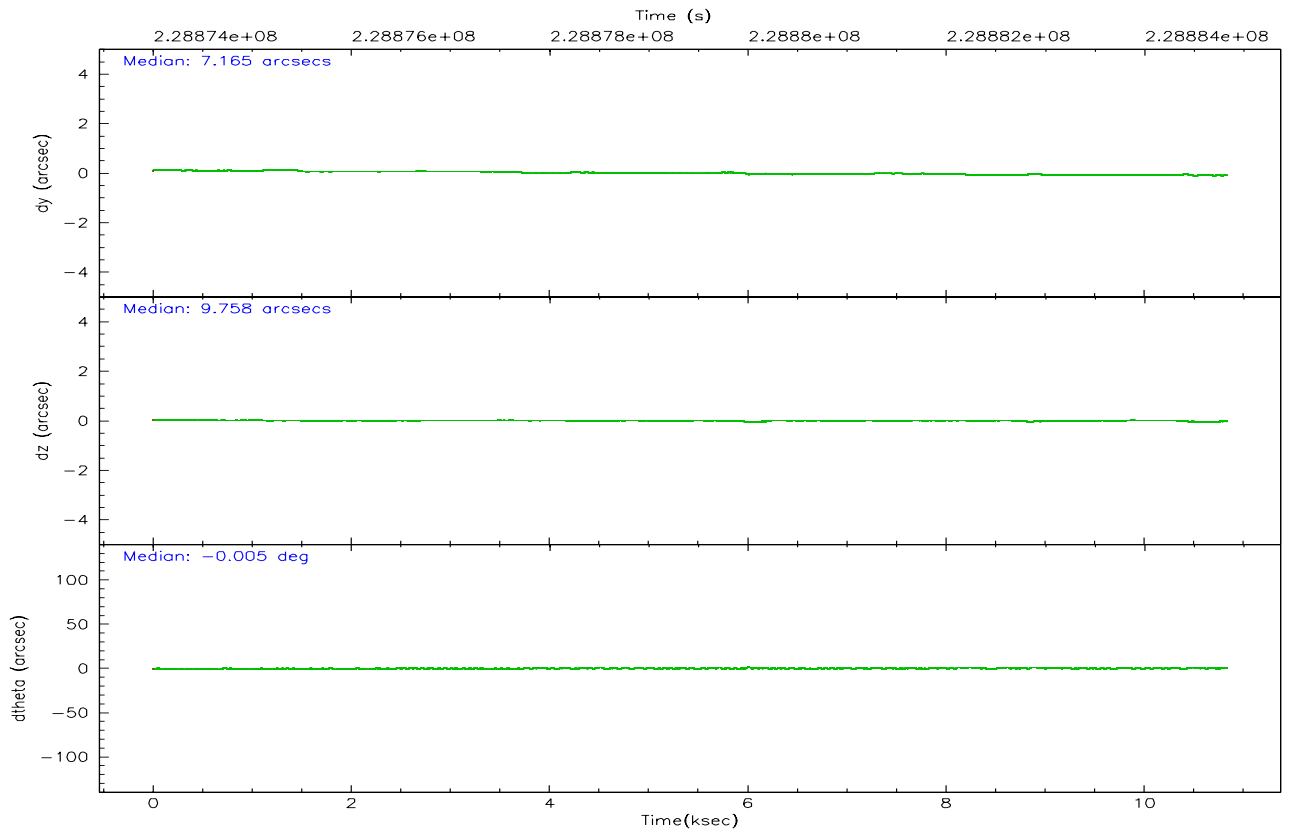
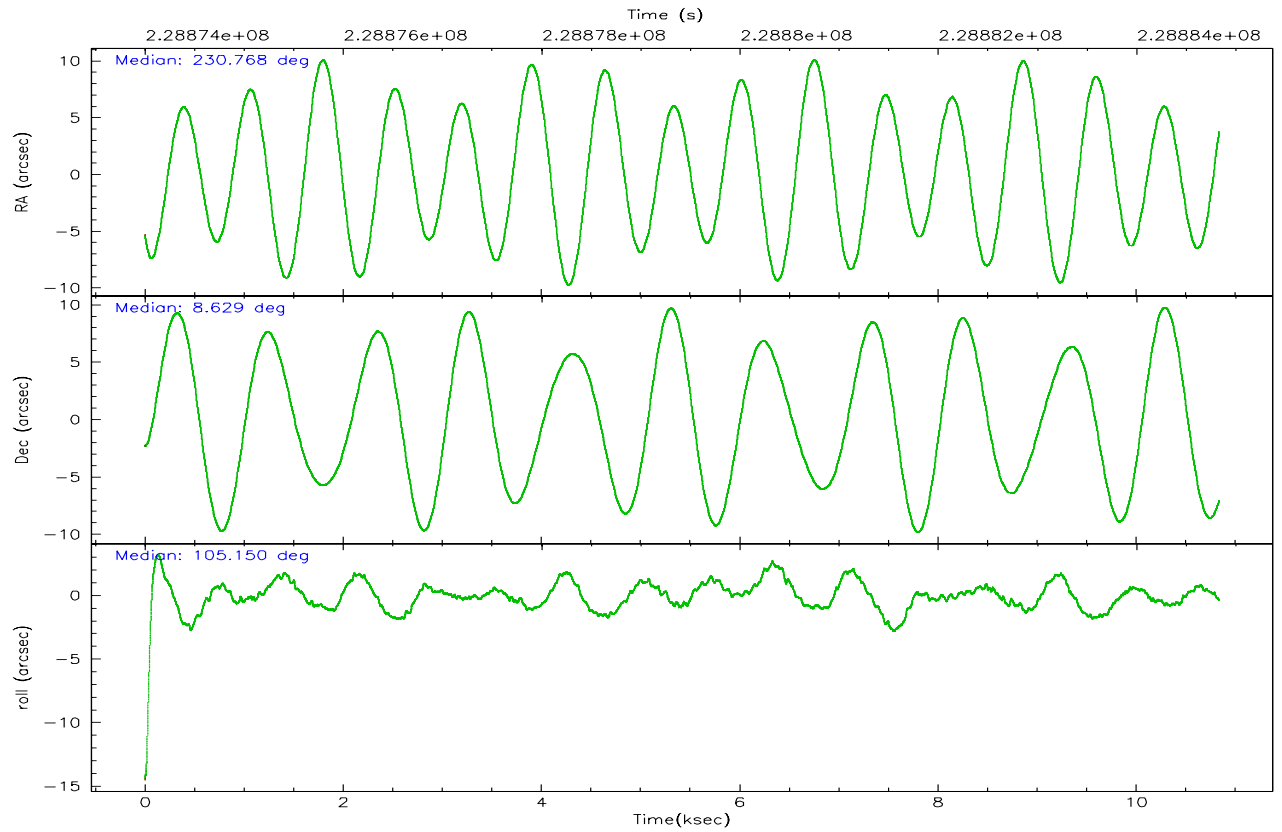
	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3182	5539	7757	15060	7163
	5%	6%	10%	12%	8%
grade 1 events	32	143	50	61	72
	0%	0%	0%	0%	0%
grade 2 events	1433	12913	2077	20404	4231
	2%	14%	2%	17%	5%
grade 3 events	701	1116	887	6719	1939
	1%	1%	1%	5%	2%
grade 4 events	692	1063	892	6417	1842
	1%	1%	1%	5%	2%
grade 5 events	2477	4544	2606	5488	3687
	3%	5%	3%	4%	4%
grade 6 events	1216	23133	1513	26480	4657
	1%	26%	2%	22%	5%
grade 7 events	53556	40011	56332	35972	57835
	84%	45%	78%	30%	71%

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	230.788090	230.7682525988364	Alternating exposures requested	N	N
Pointing Dec	8.610335	8.62927483905203	Primary exposure time	0.000000	3.1
Pointing Roll	104.997600	105.1571887930397			
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	228874839.184000	228873582.69662			
Observation start date	2005-04-03T00:19:35	2005-04-02T23:59:42			
Observation end time	228884839.184000	228885561.87216			
Observation end date	2005-04-03T03:06:15	2005-04-03T03:19:21			
Read mode	TIMED	TIMED			

2.3 Aspect



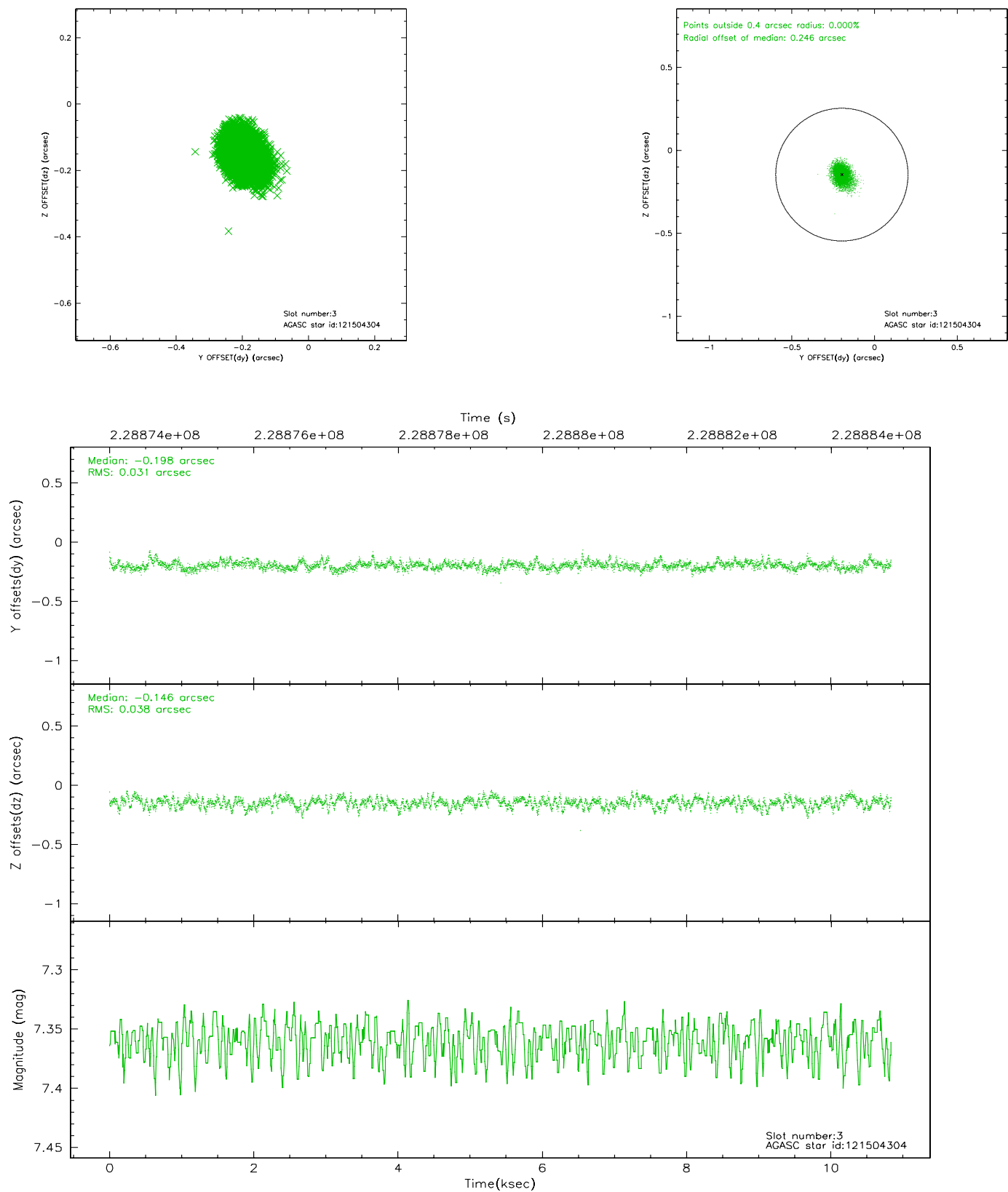


Slot Statistics

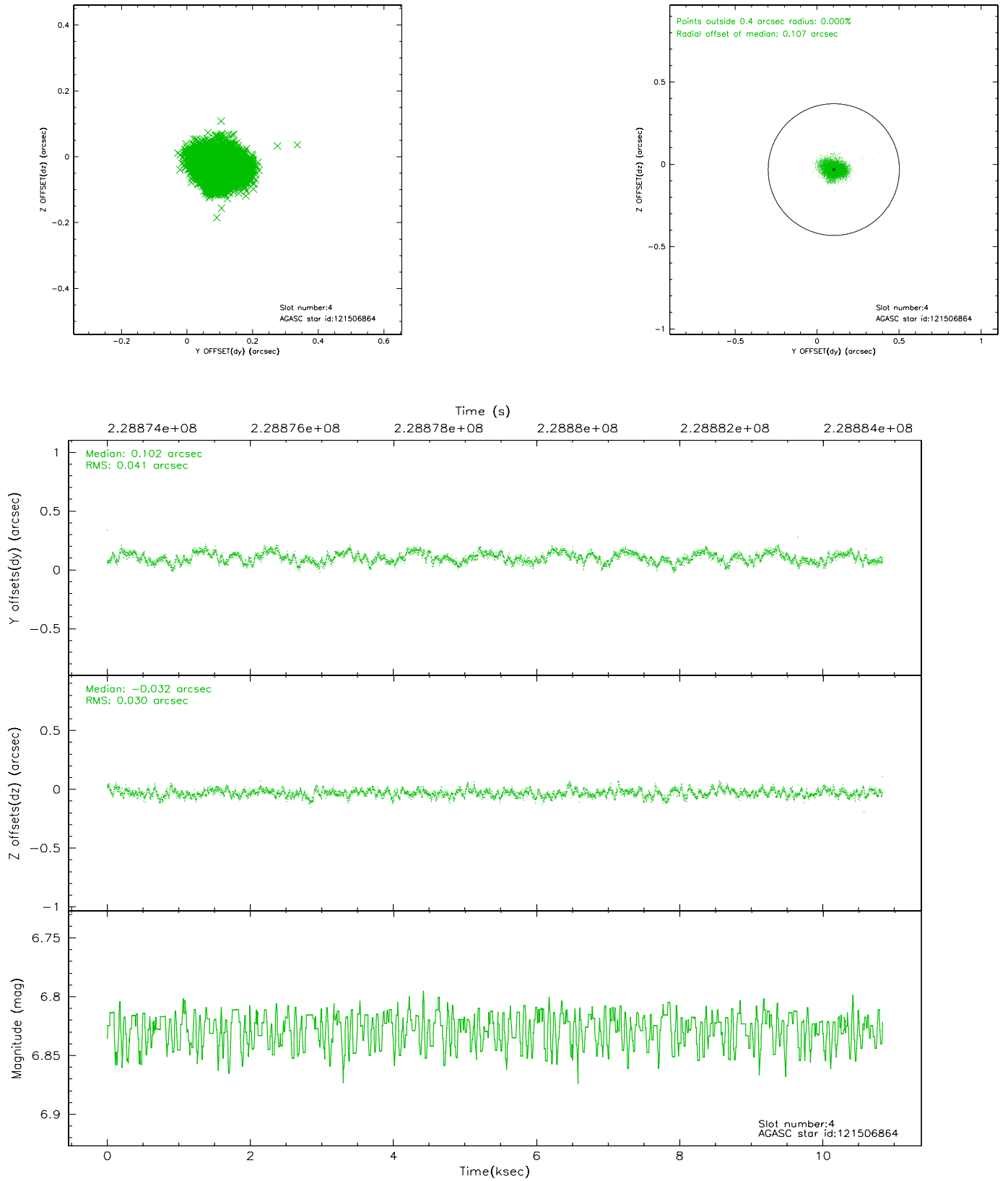
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2645	-0.044	-0.016	0.007	0.011	0.000000	0.000000	-759.93	-1731.03
1	FID	ACIS-S-4	7.21	2645	0.073	0.026	0.005	0.009	0.000000	0.000000	2153.20	177.06
2	FID	ACIS-S-5	7.24	2644	-0.060	-0.001	0.007	0.011	0.000000	0.000000	-1812.22	171.17
3	GUIDE	121504304	7.36	5288	-0.198	-0.146	0.052	0.087	230.179446	8.913720	1616.52	1807.89
4	GUIDE	121506864	6.83	5288	0.102	-0.032	0.055	0.086	231.000457	8.905840	832.93	-1004.55
5	GUIDE	121507480	8.81	5288	0.119	-0.115	0.068	0.110	230.407322	8.449858	-206.38	1459.13
6	GUIDE	121508304	7.54	5288	-0.254	0.085	0.067	0.107	231.074833	9.087473	1395.74	-1428.74
7	GUIDE	121506400	9.05	5278	0.232	0.207	0.089	0.148	231.447386	8.409178	-1304.39	-2081.38

2.4 Star Slots

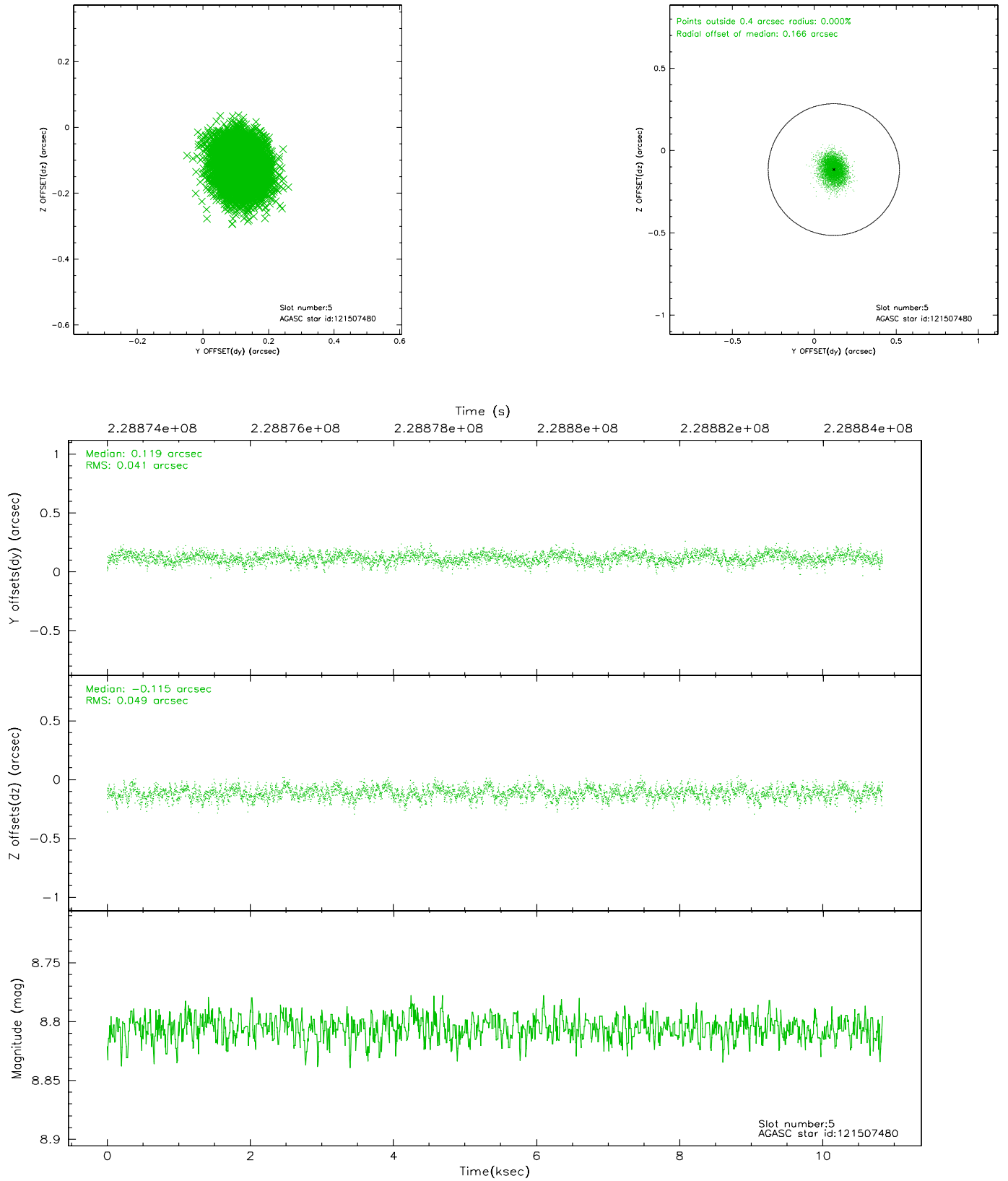
2.4.1 Slot 3



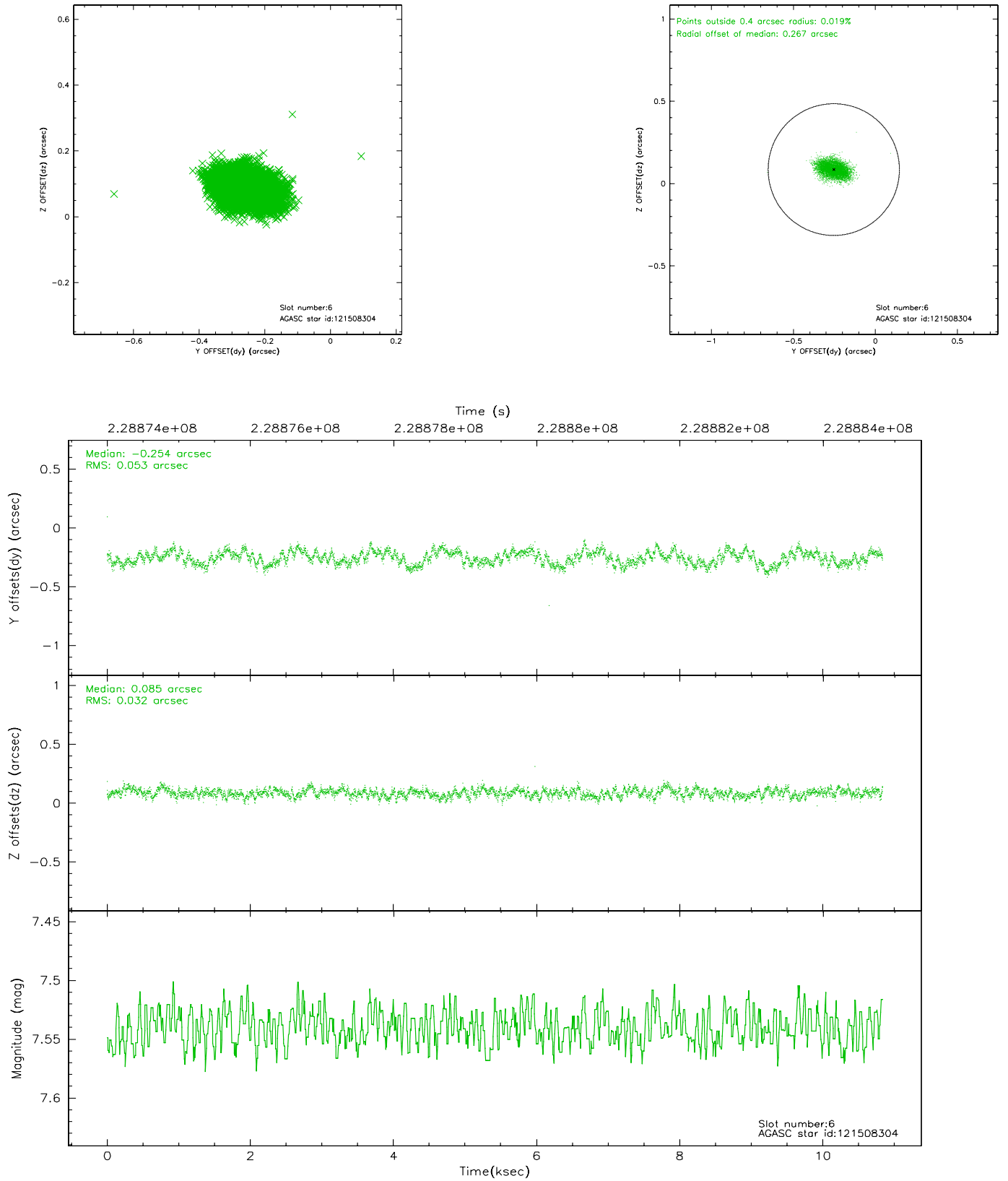
2.4.2 Slot 4



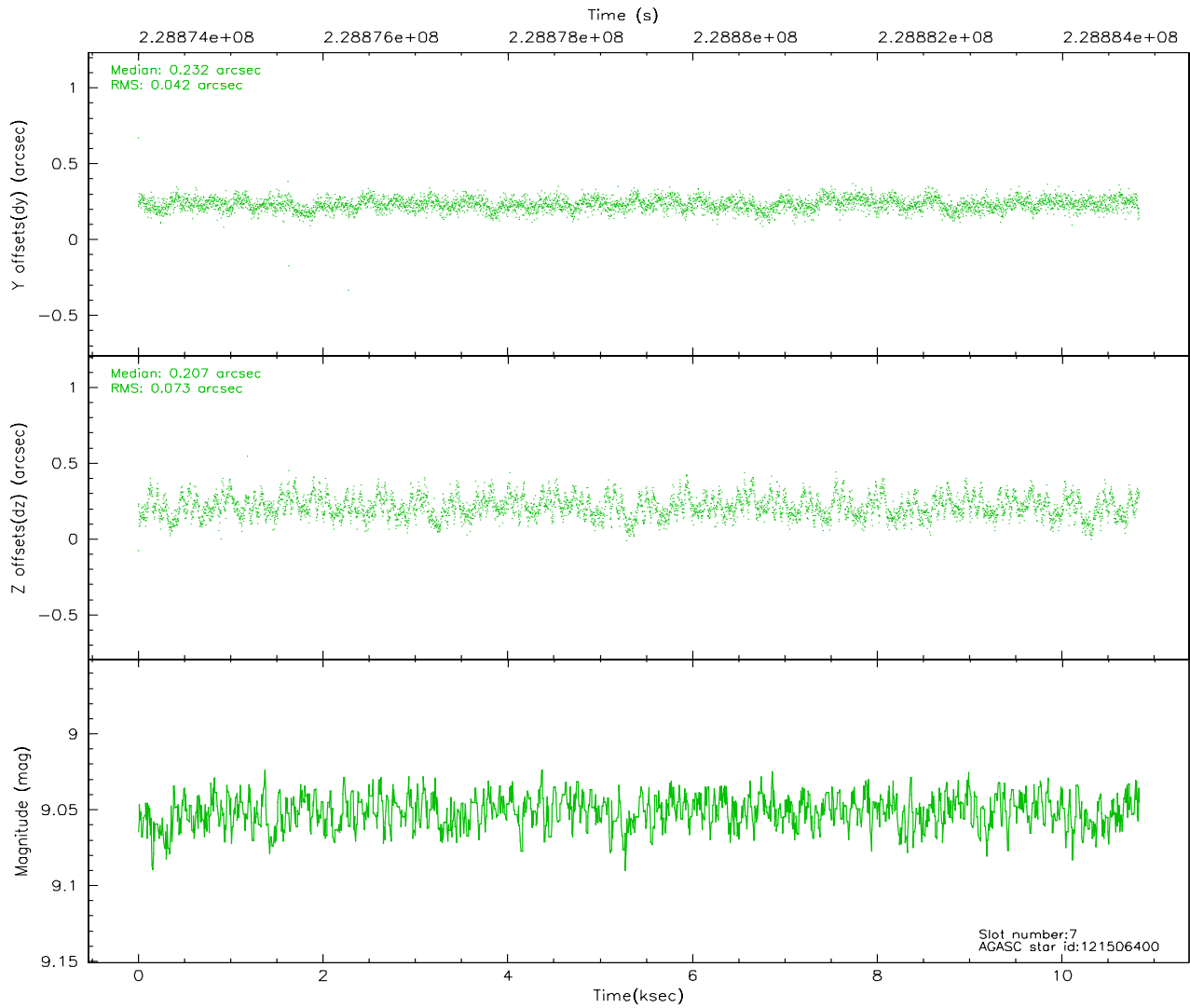
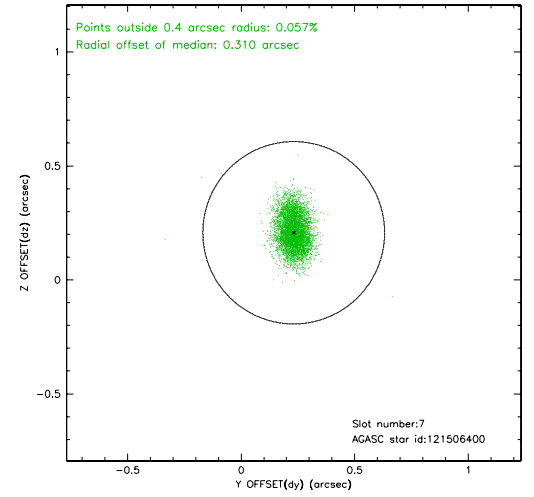
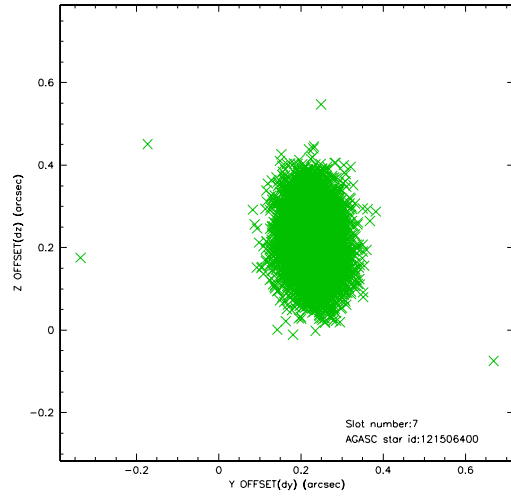
2.4.3 Slot 5



2.4.4 Slot 6

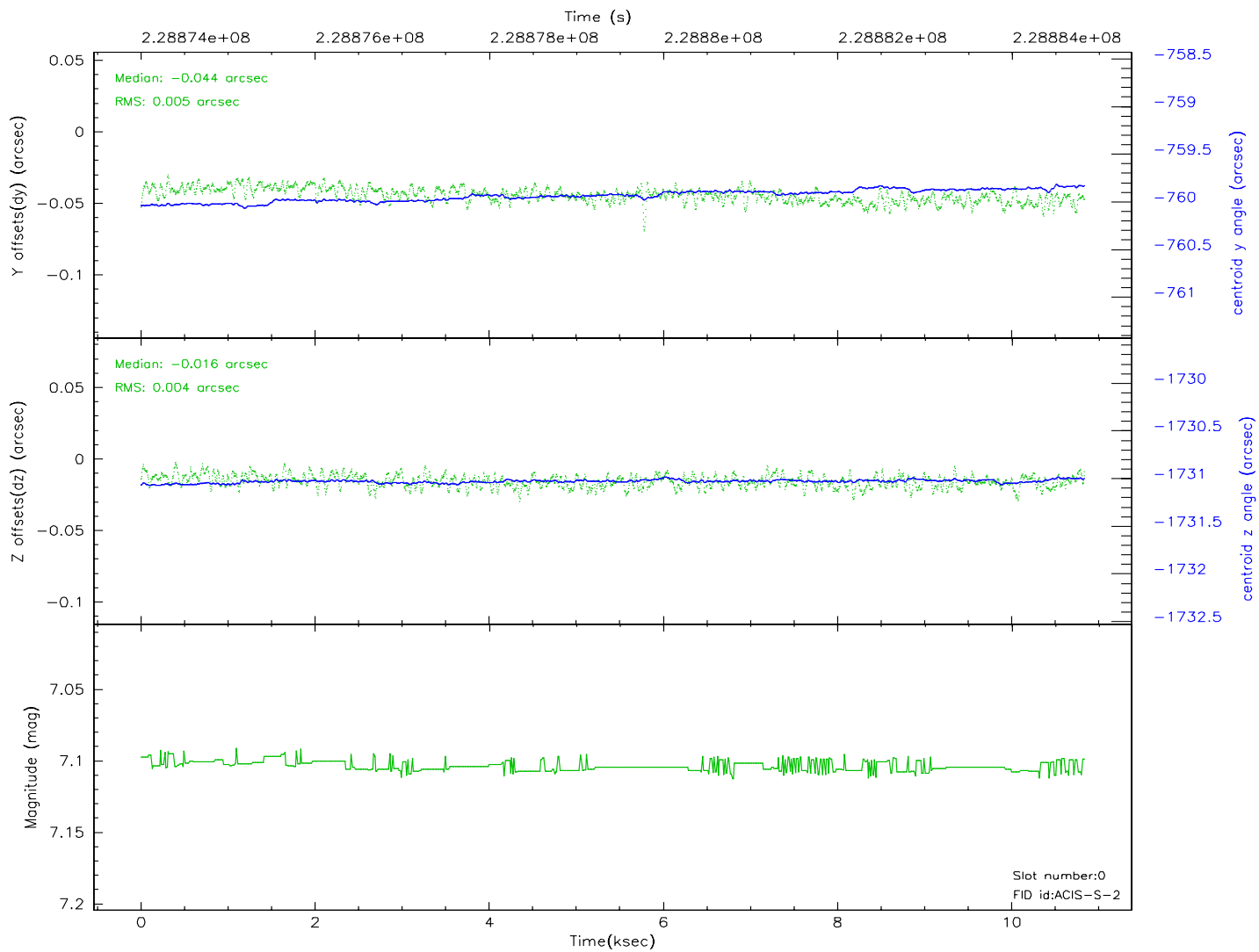
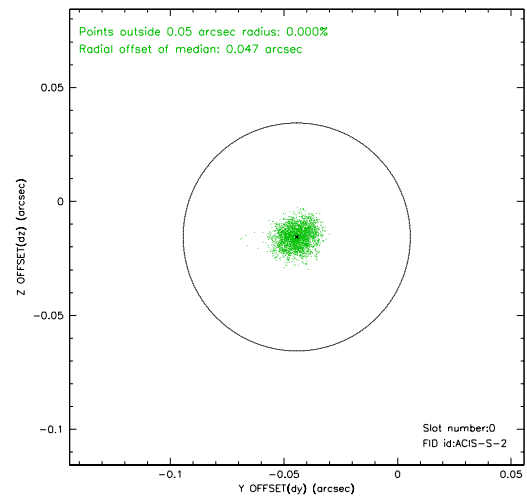
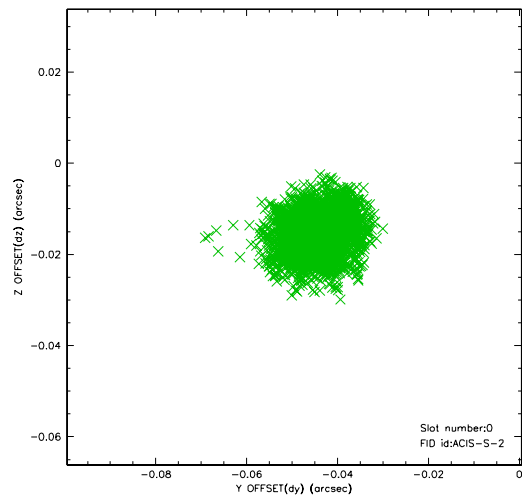


2.4.5 Slot 7

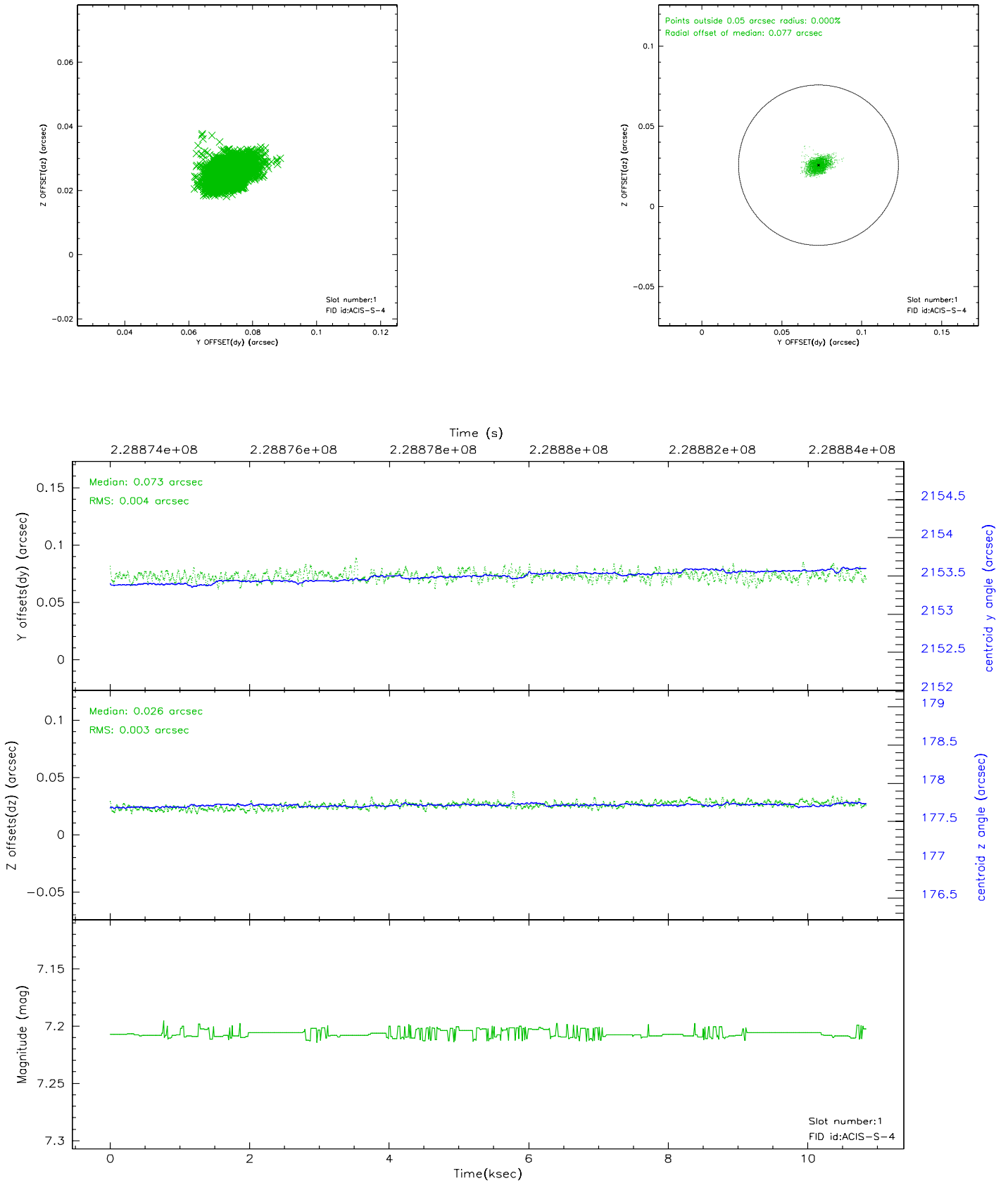


2.5 FID Slots

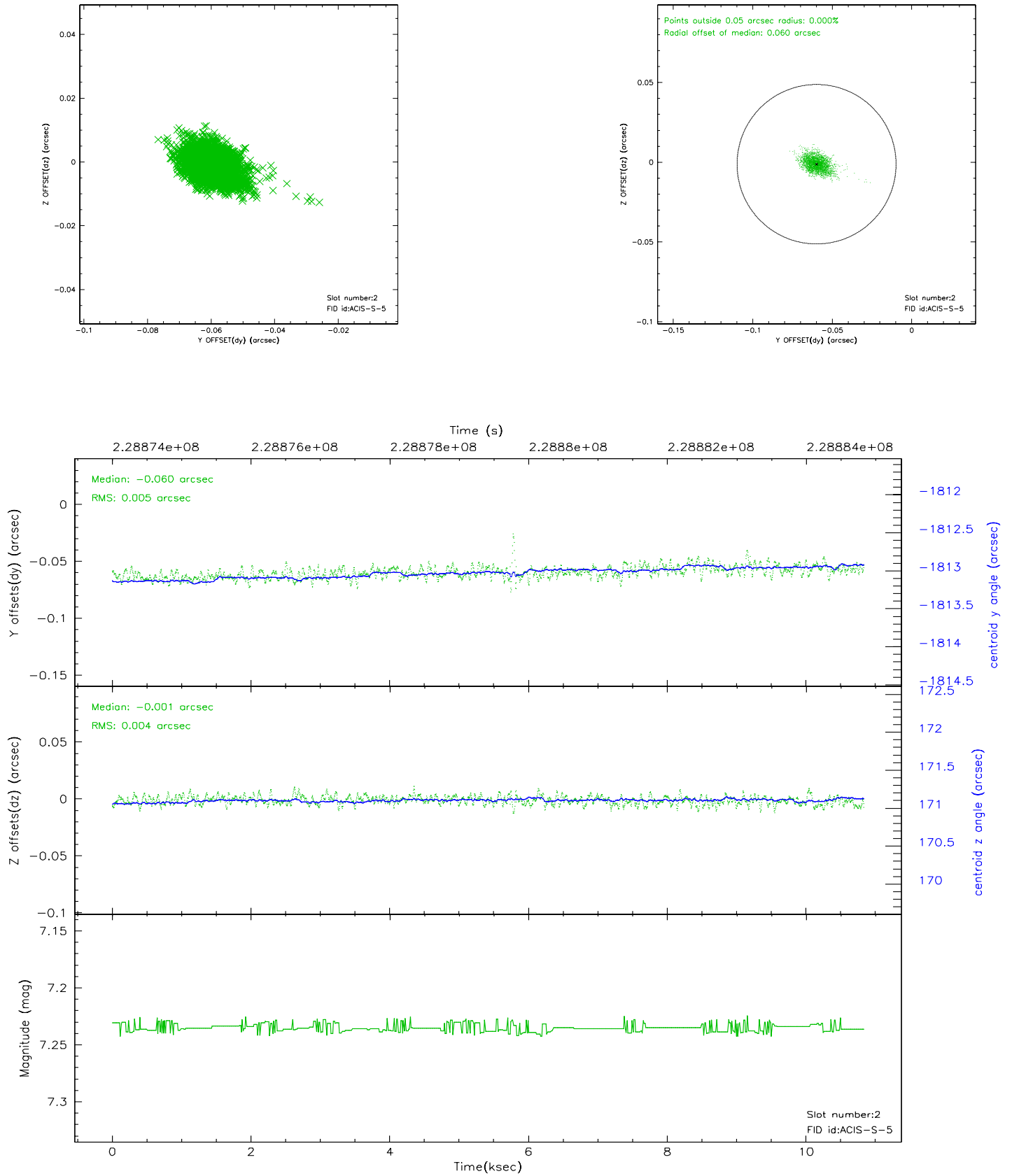
2.5.1 Slot 0



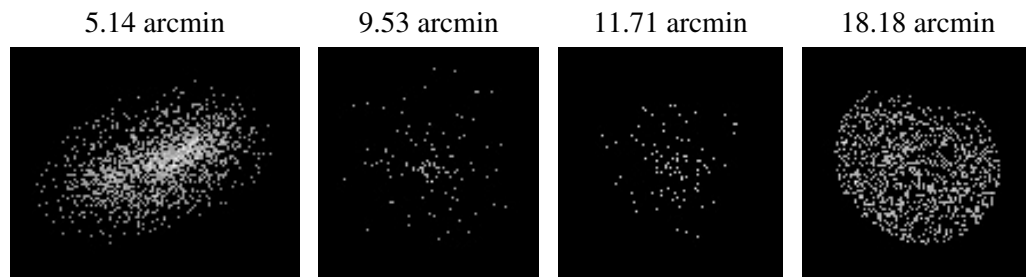
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.03779

A.2 Comments