

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3900 - L2 Version 001
Chandra X-Ray Center

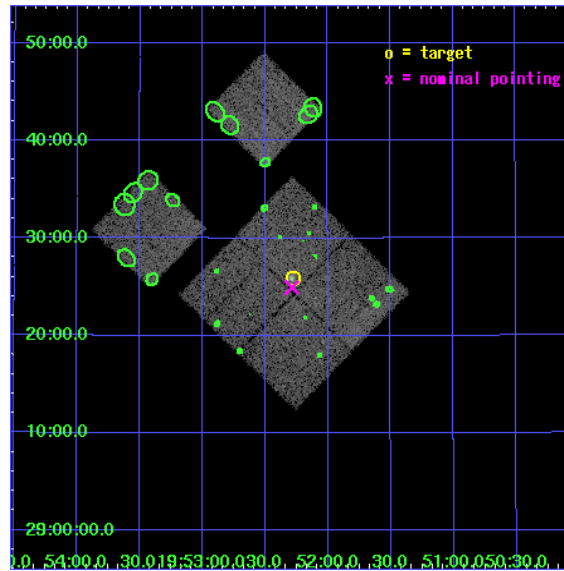
L2 Processing Date : Oct 14 2006

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1 Front

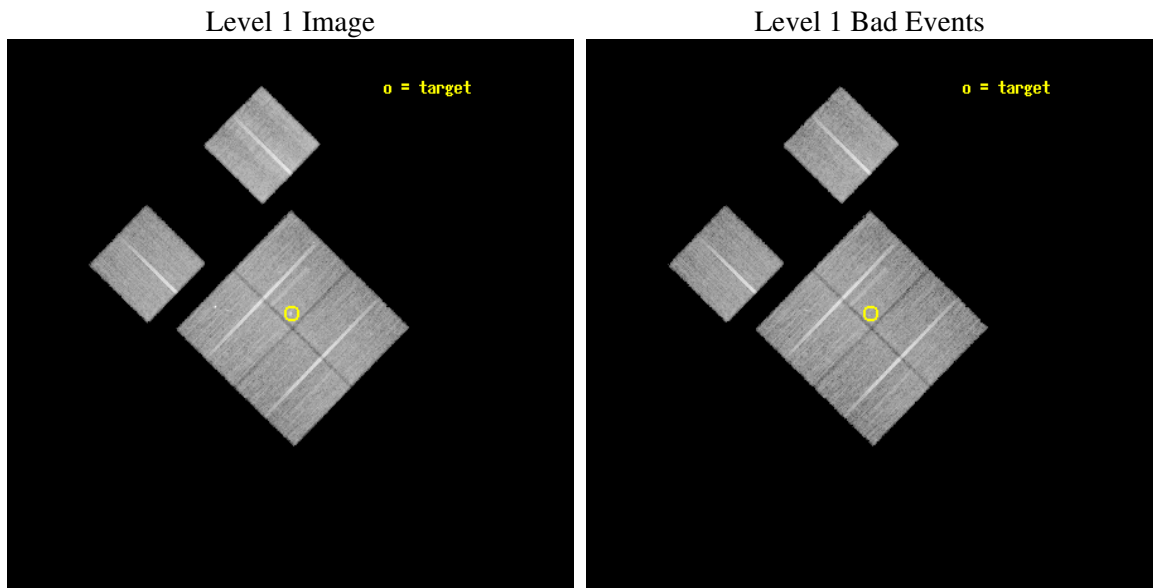
seq_num	500379
obs_id	3900
title	PLERIONS WITH HOLES? THE UNUSUAL SUPERNOVA REMNANTS DA 495 AND G76.9+1.0
observer	Zaven Arzoumanian
object	DA 495
dtcycle	0
cycle	P
ra_targ	298.07
dec_targ	29.432
ra_nom	298.07171527969
dec_nom	29.415885799795
roll_nom	314.32371522054
revision	2
ontime	25161.599906266
liveltime	24842.988577756
ontime0	25161.599906266
ontime1	25161.599906266
ontime2	25161.599906266
ontime3	25161.599906266
ontime6	25158.358886153
ontime8	25155.117925882
l2events	75904



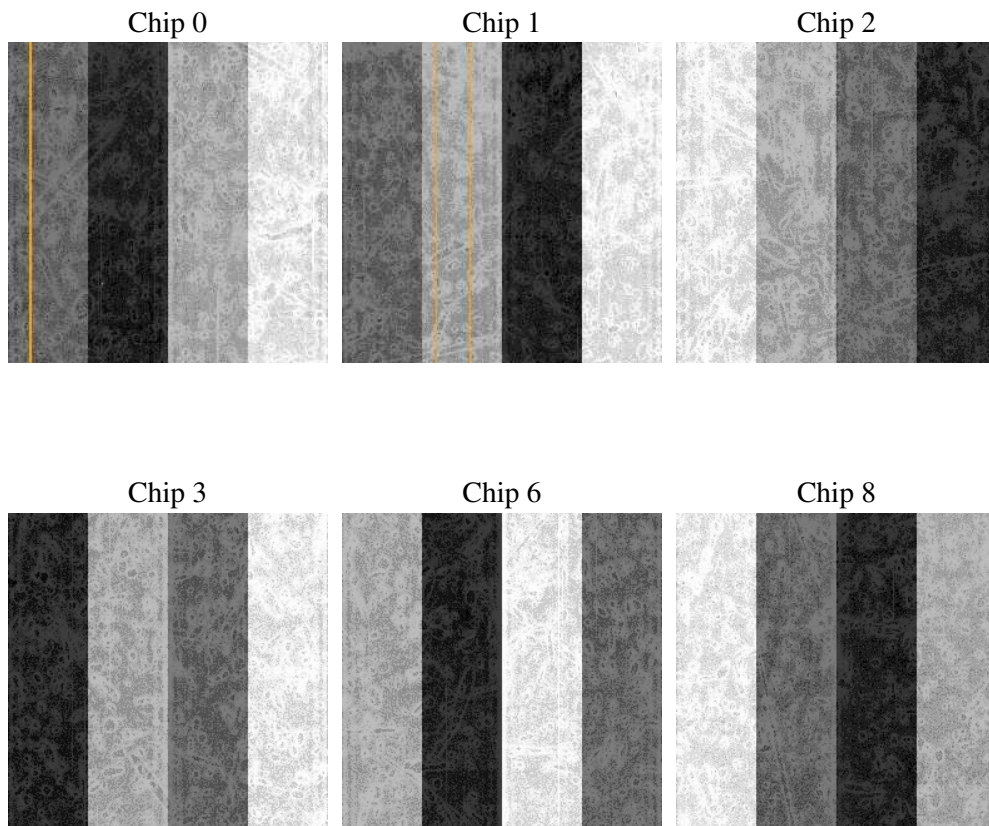
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.9
caldsver	3.2.3
date	2006-10-14T21:00:07
revision	2

sched_exp_time	25000.000000
ontime	25182.575380713
ontime0	25182.575380713
ontime1	25182.575380713
ontime2	25182.575380713
ontime3	25182.575380713
ontime6	25179.334390521
ontime8	25176.093400329
l1events	852241

2.1.4 Events

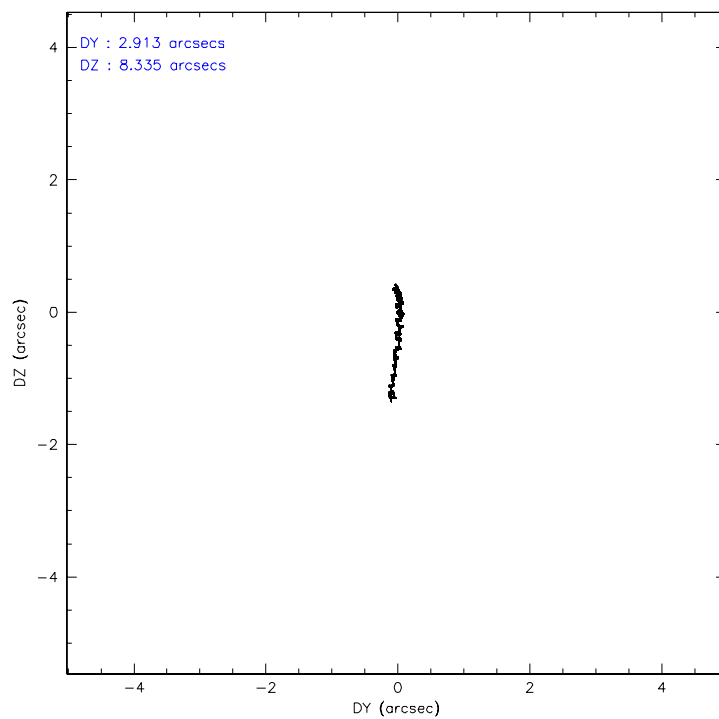
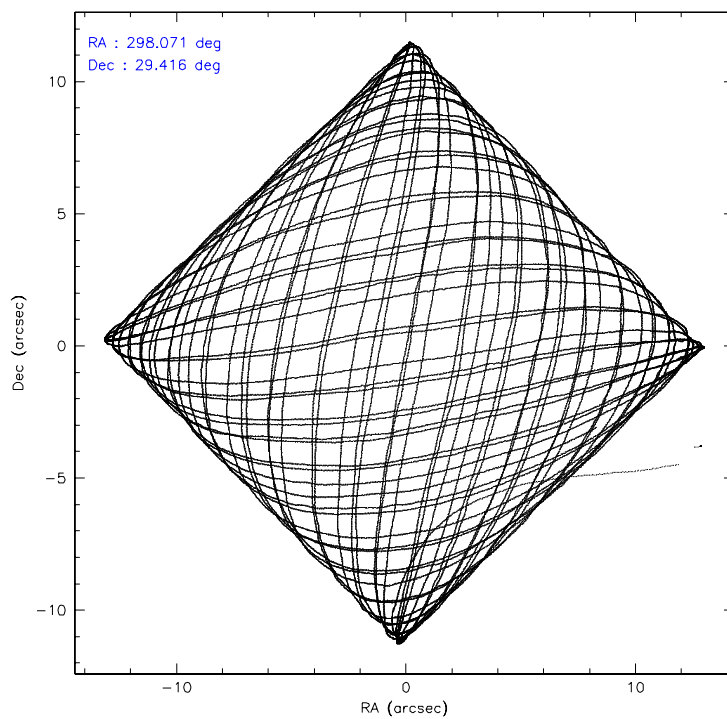
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
level 1 events	126047	127534	145506	139699	135984	177471
rejected events	111881	111653	131012	124966	122244	138734
rejected %	88%	87%	90%	89%	89%	78%

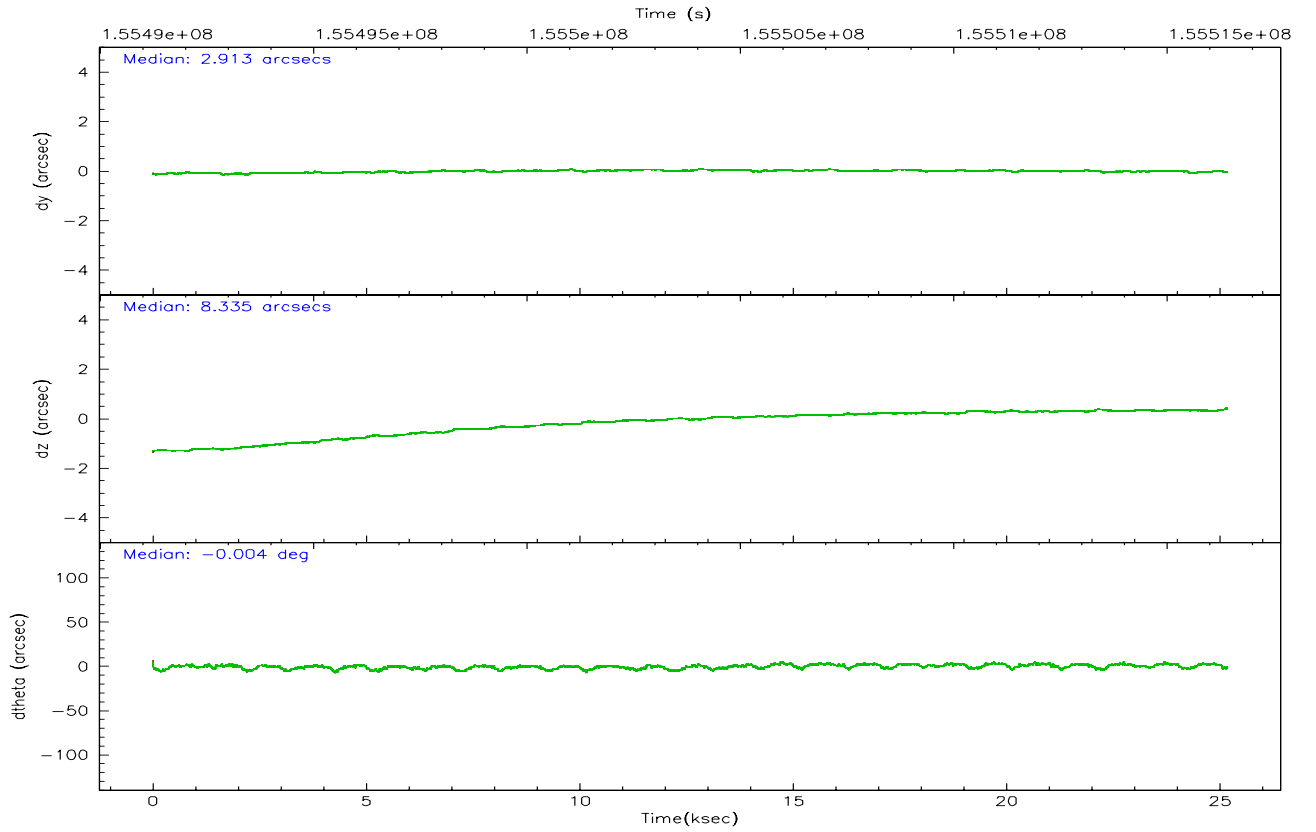
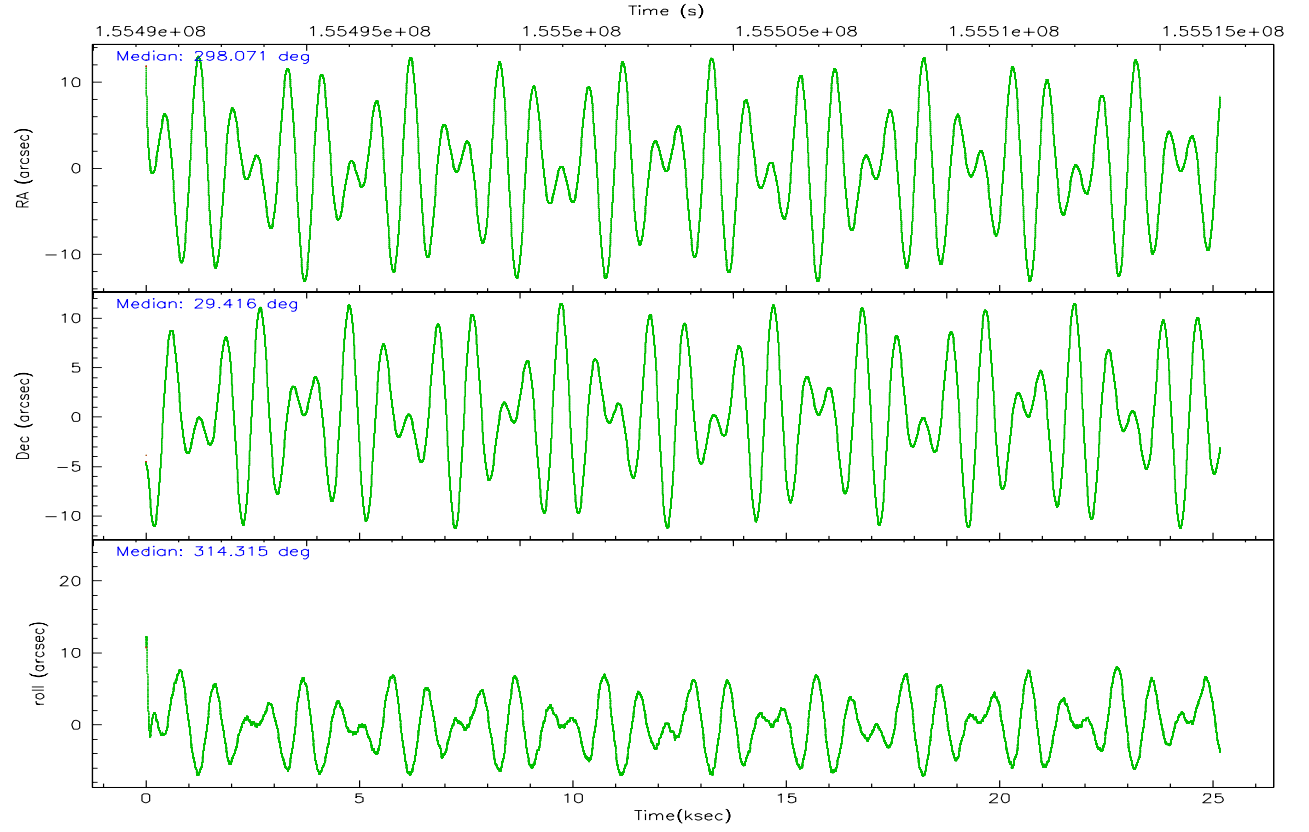
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 8
grade 0 events	5373	6388	6045	6299	4999	11545
	4%	5%	4%	4%	3%	6%
grade 1 events	70	72	75	76	48	126
	0%	0%	0%	0%	0%	0%
grade 2 events	3126	3165	3030	2905	2805	8555
	2%	2%	2%	2%	2%	4%
grade 3 events	1710	1749	1475	1573	1544	4171
	1%	1%	1%	1%	1%	2%
grade 4 events	1483	1654	1510	1518	1560	3903
	1%	1%	1%	1%	1%	2%
grade 5 events	4581	4855	4371	5218	5040	7500
	3%	3%	3%	3%	3%	4%
grade 6 events	2483	2942	2449	2451	2839	10609
	1%	2%	1%	1%	2%	5%
grade 7 events	107221	106709	126551	119659	117149	131062
	85%	83%	86%	85%	86%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012368	ACIS-012368	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	298.041423	298.0717152796873	Subarray requested	NONE	NONE
Pointing Dec	29.423191	29.41588579979507	Alternating exposures requested	N	N
Pointing Roll	314.129899	314.3237152205363	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	155491401.184000	155490338.34727			
Observation start date	2002-12-05T16:02:17	2002-12-05T15:45:38			
Observation end time	155516401.184000	155516749.52337			
Observation end date	2002-12-05T22:58:57	2002-12-05T23:05:49			
Read mode	TIMED	TIMED			

2.3 Aspect



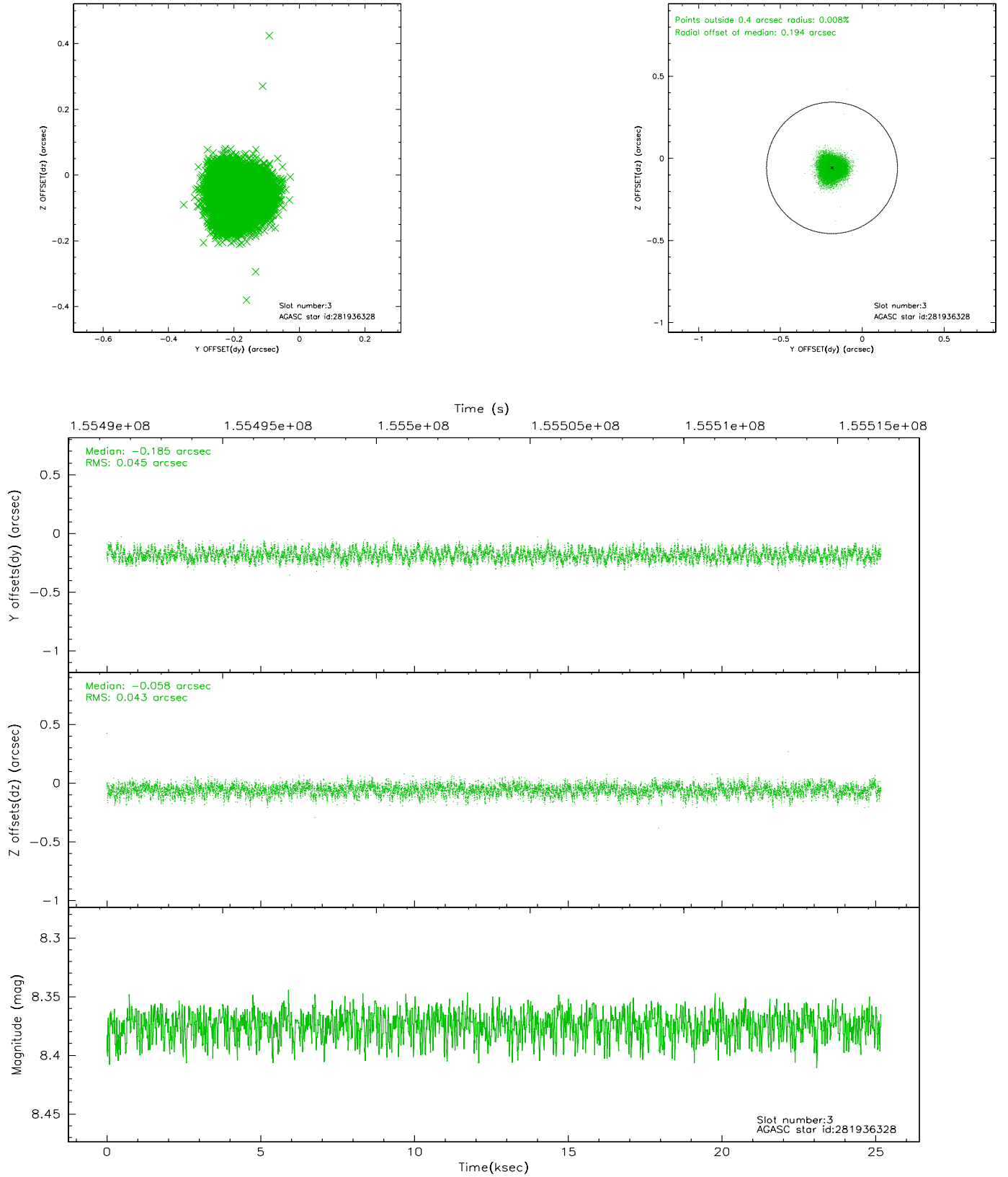


Slot Statistics

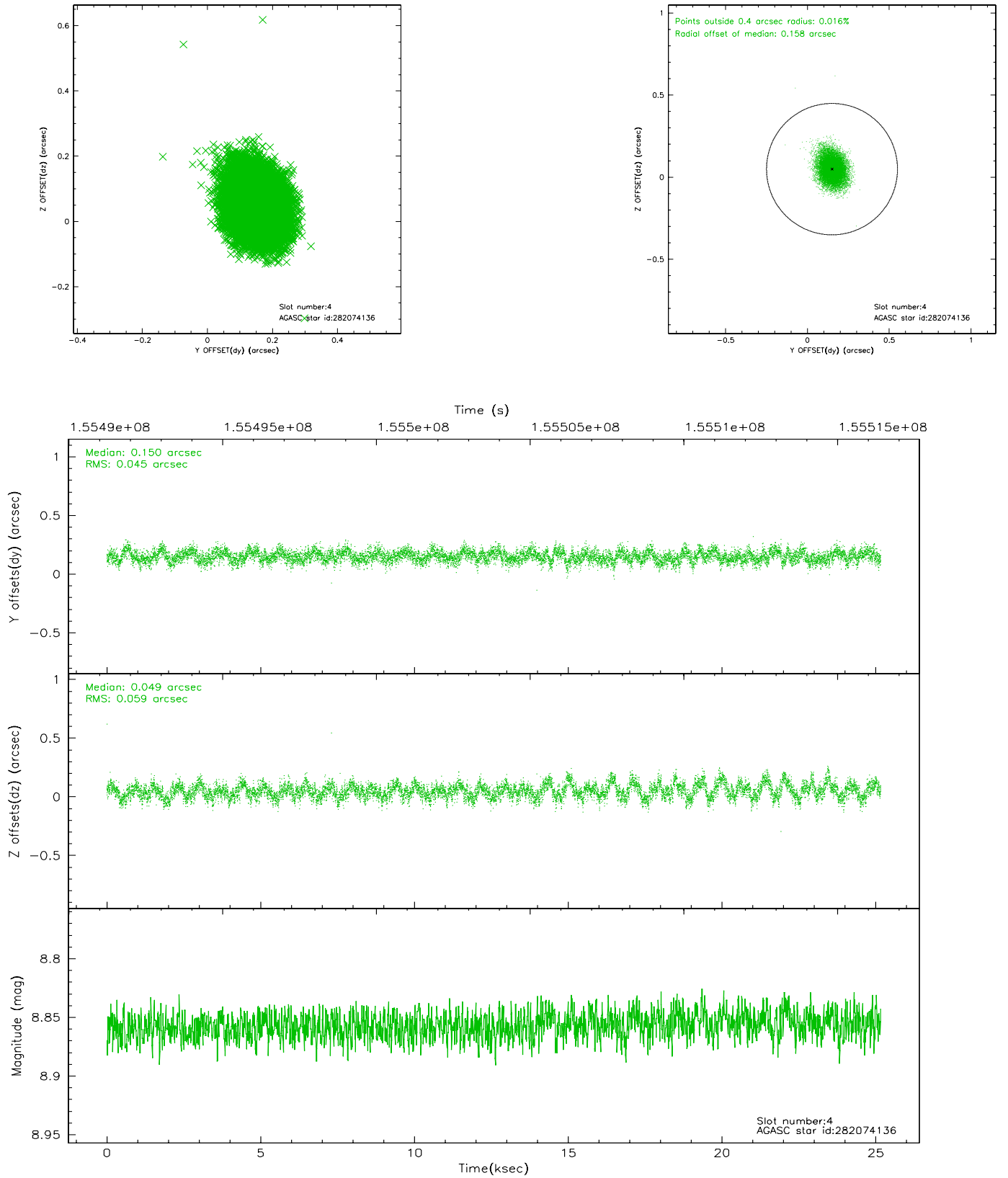
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	6137	-0.085	0.002	0.018	0.026	0.000000	0.000000	-757.34	-837.95
1	FID	ACIS-I-4	7.19	6138	0.028	0.060	0.018	0.028	0.000000	0.000000	2156.72	1068.30
2	FID	ACIS-I-6	7.26	6138	-0.042	0.005	0.024	0.037	0.000000	0.000000	402.85	1710.52
3	GUIDE	281936328	8.37	12275	-0.185	-0.058	0.067	0.103	297.132120	29.409480	-1957.10	-2073.70
4	GUIDE	282074136	8.86	12266	0.150	0.049	0.078	0.128	297.937624	29.263332	187.03	-634.37
5	GUIDE	349842504	8.91	12273	-0.072	0.056	0.100	0.167	298.204234	30.187941	-1623.06	2280.96
6	GUIDE	282085296	9.08	12269	-0.023	0.016	0.074	0.120	297.408737	29.666054	-2008.53	-807.84
7	GUIDE	282071472	9.28	12262	0.119	-0.059	0.089	0.146	297.702282	29.253970	-304.41	-1187.58

2.4 Star Slots

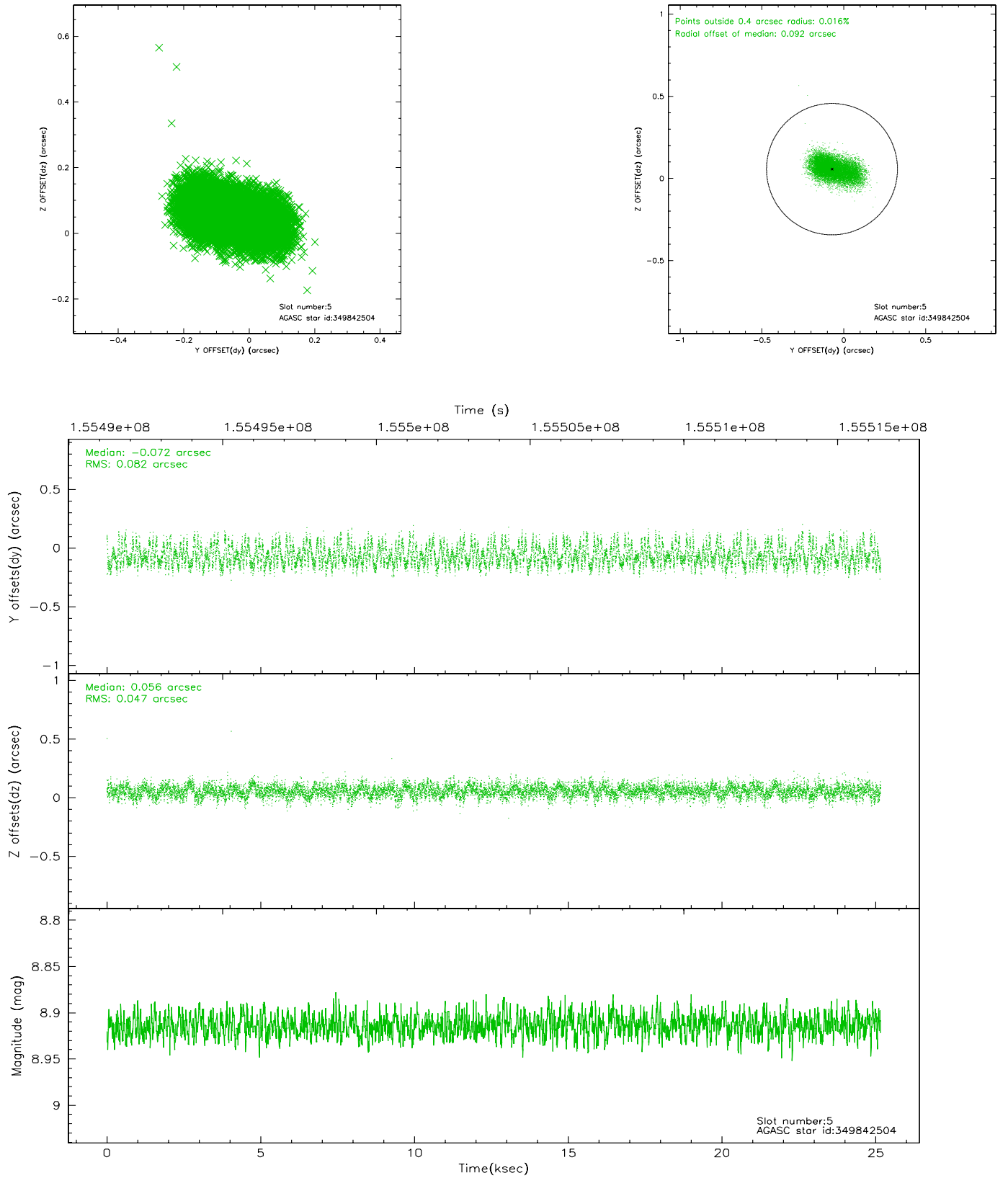
2.4.1 Slot 3



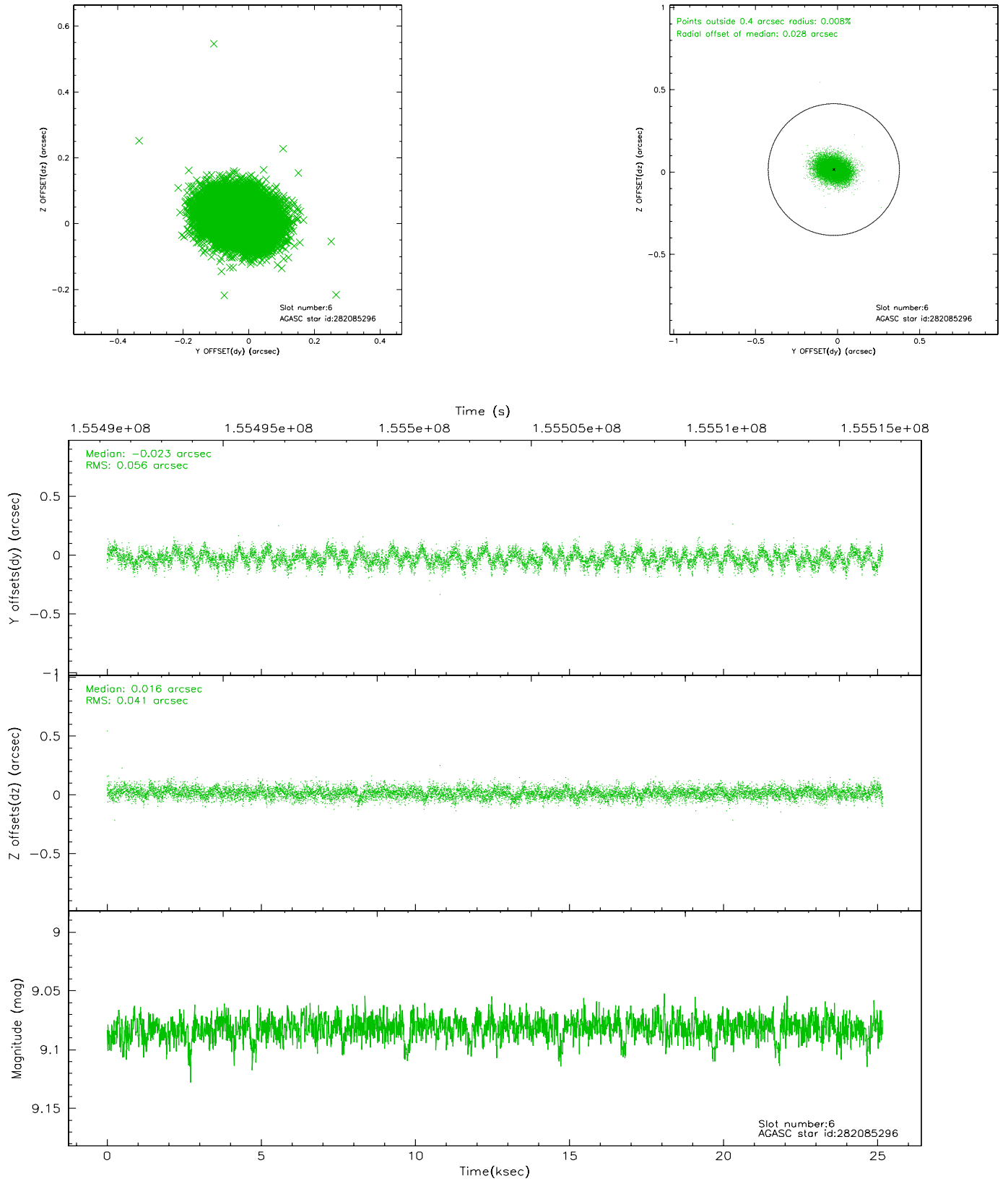
2.4.2 Slot 4



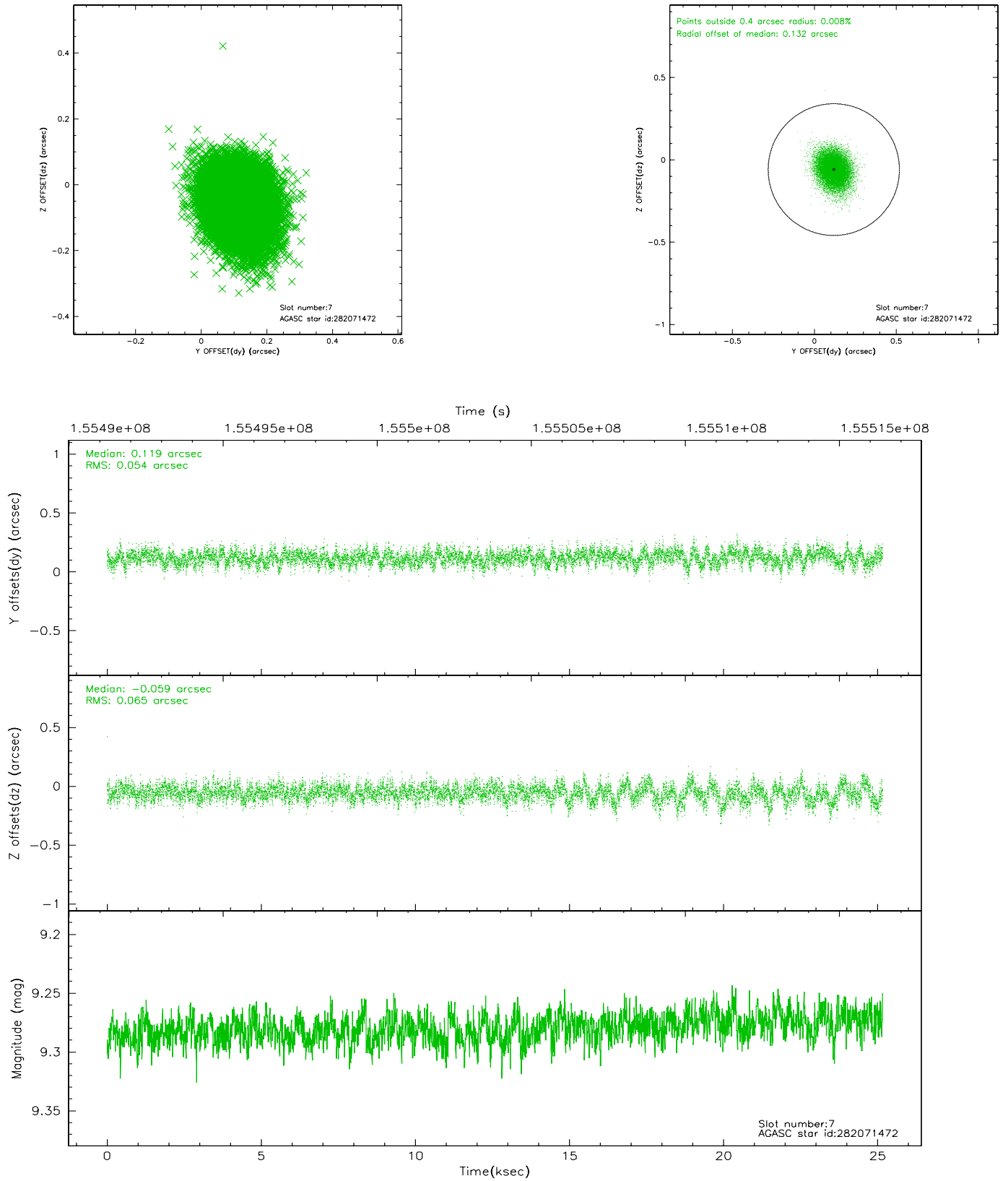
2.4.3 Slot 5



2.4.4 Slot 6

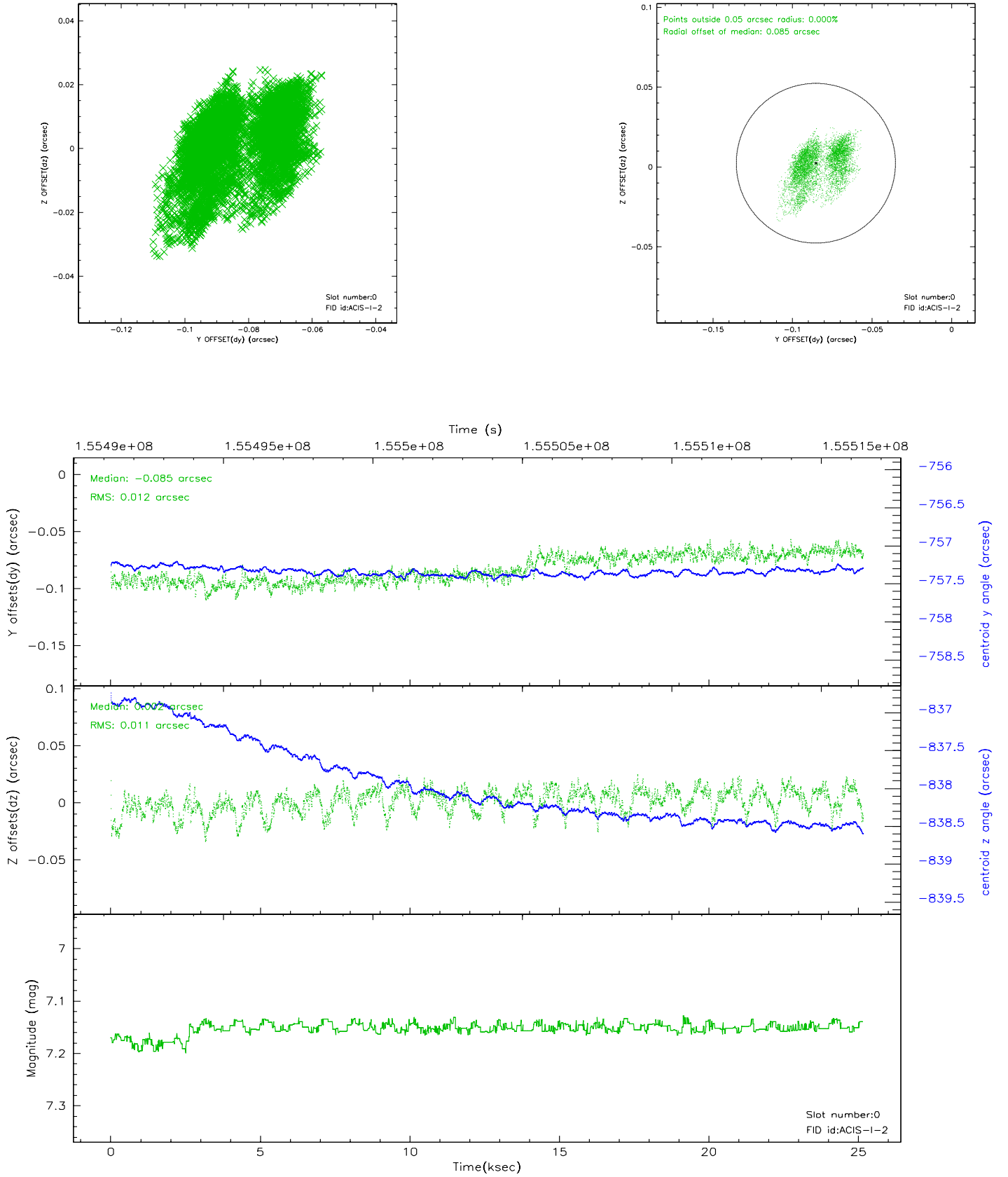


2.4.5 Slot 7

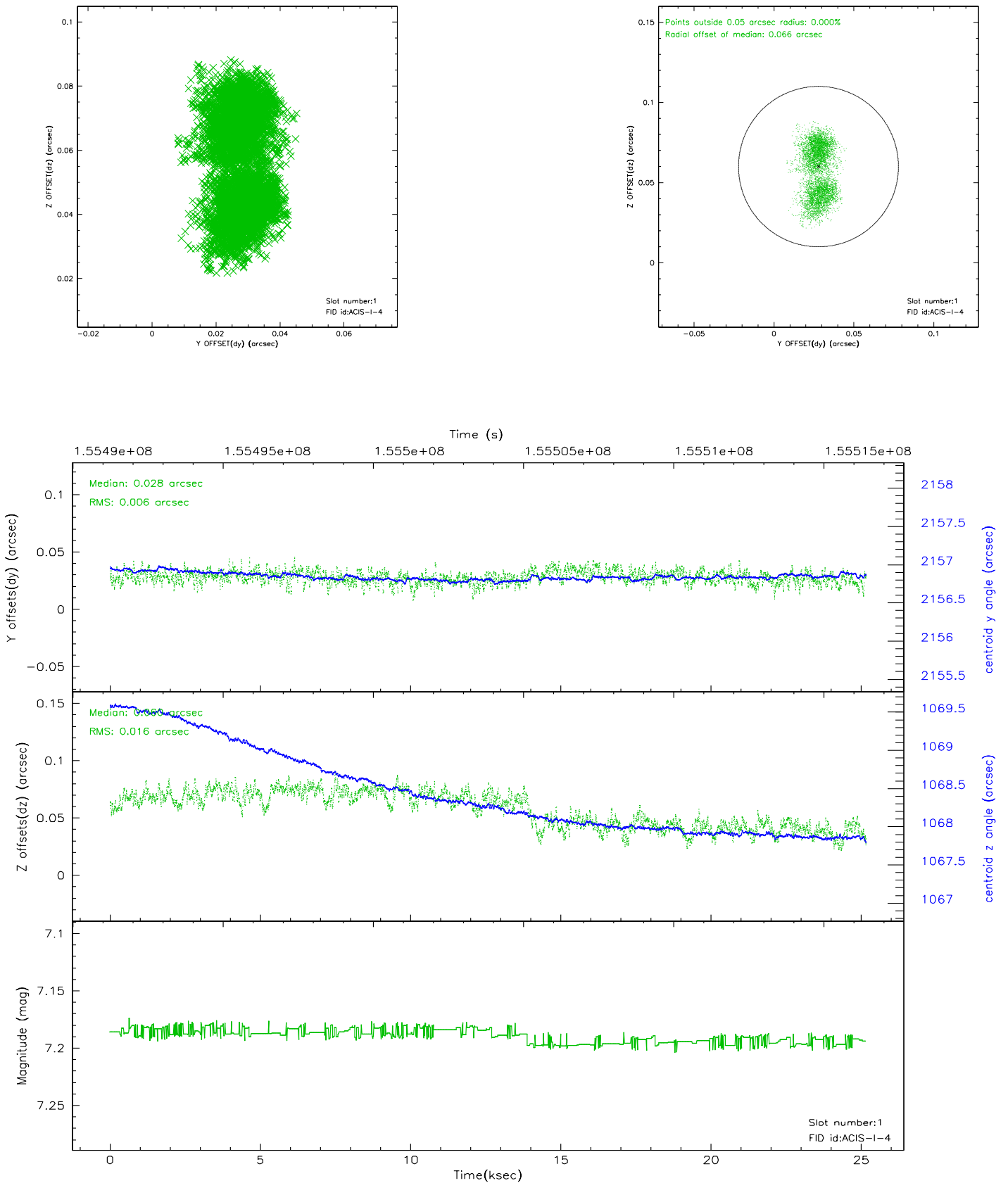


2.5 FID Slots

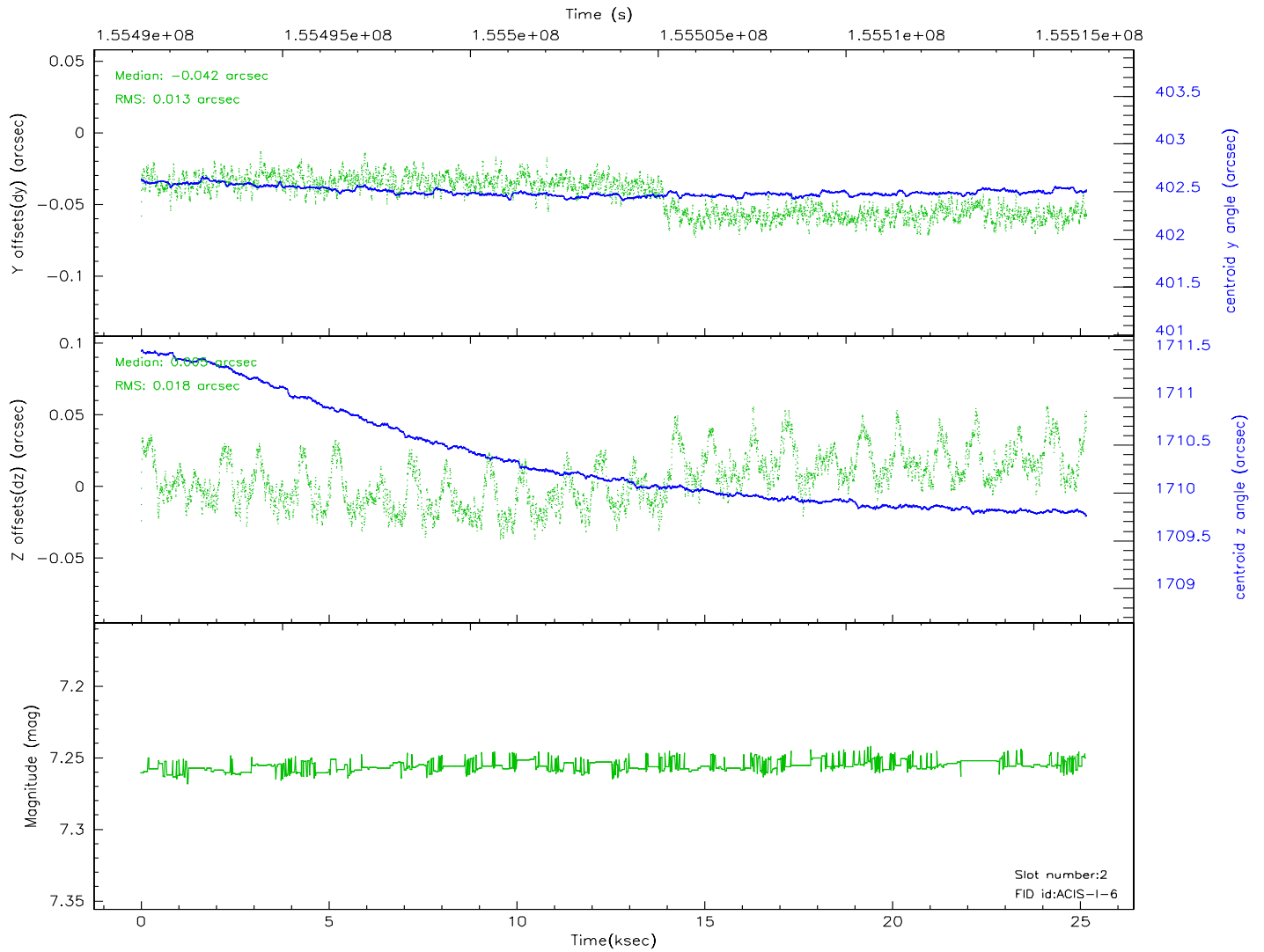
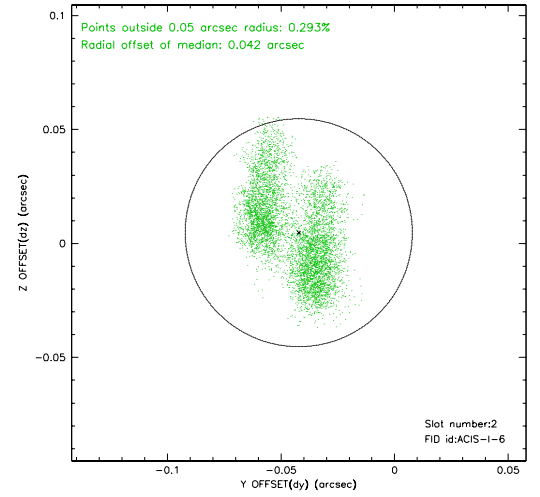
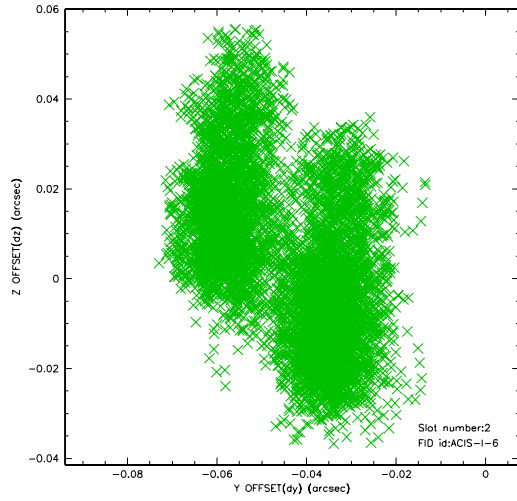
2.5.1 Slot 0



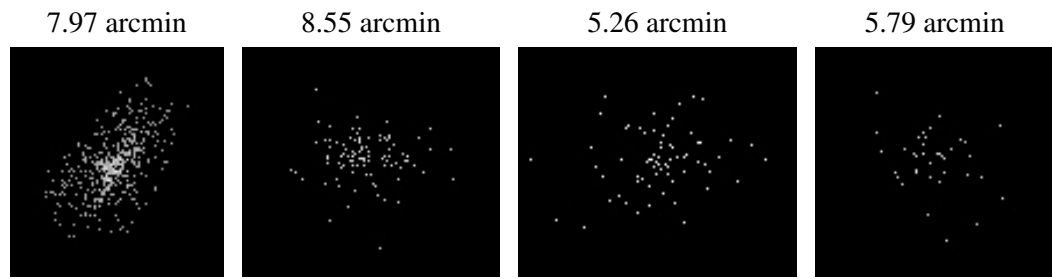
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.161

A.2 Comments