

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 4505 - L2 Version 001
Chandra X-Ray Center

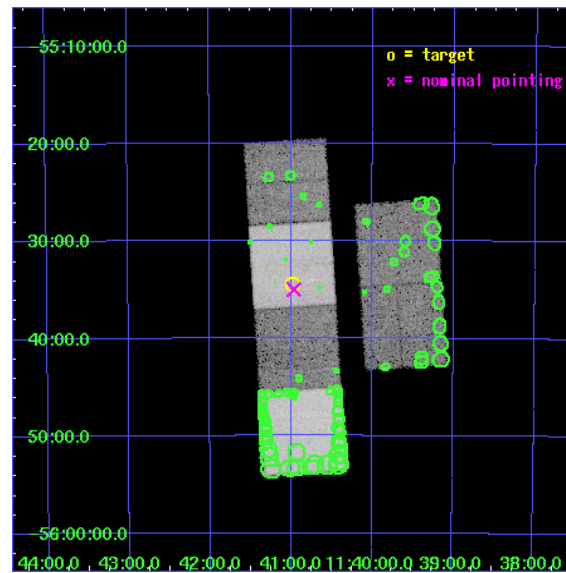
L2 Processing Date : Jun 20 2006

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

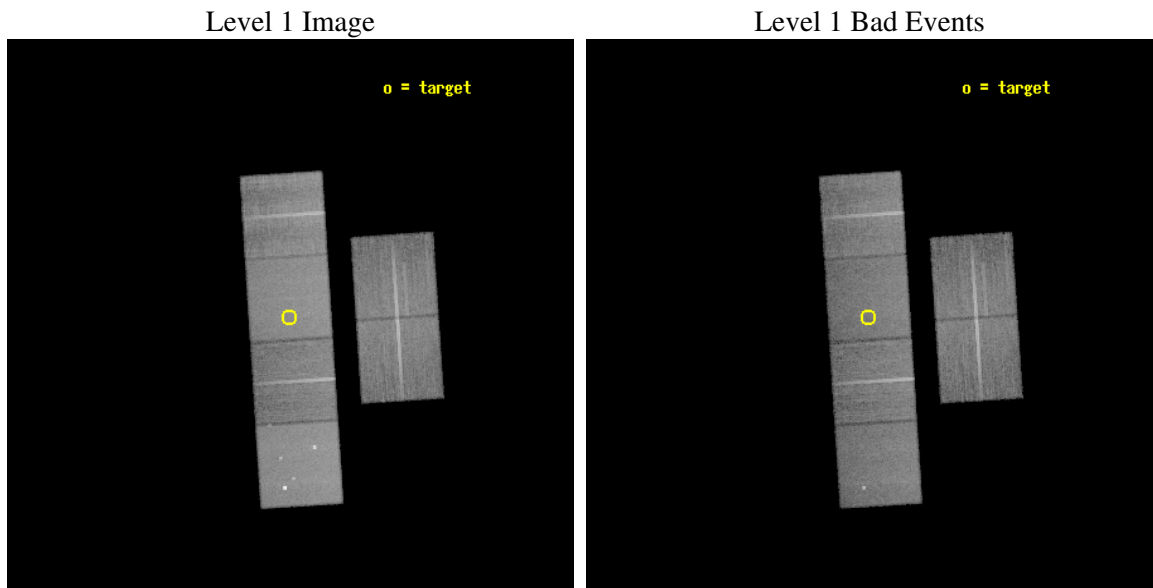
seq_num	200274
obs_id	4505
title	Wind-Wind Interactions and Stellar Magnetic Fields in Pre-Planetary Nebulae
observer	Dr. Raghvendra Sahai
object	HD101584
dtcycle	0
cycle	P
ra_targ	175.245
dec_targ	-55.573833
ra_nom	175.24094256055
dec_nom	-55.583218722904
roll_nom	266.28543887018
revision	2
ontime	24956.799907029
livetime	24640.781879425
ontime2	24956.799907029
ontime3	24956.799907029
ontime5	24956.799907029
ontime6	24956.799907029
ontime7	24956.799907029
ontime8	24956.799907029
l2events	282952



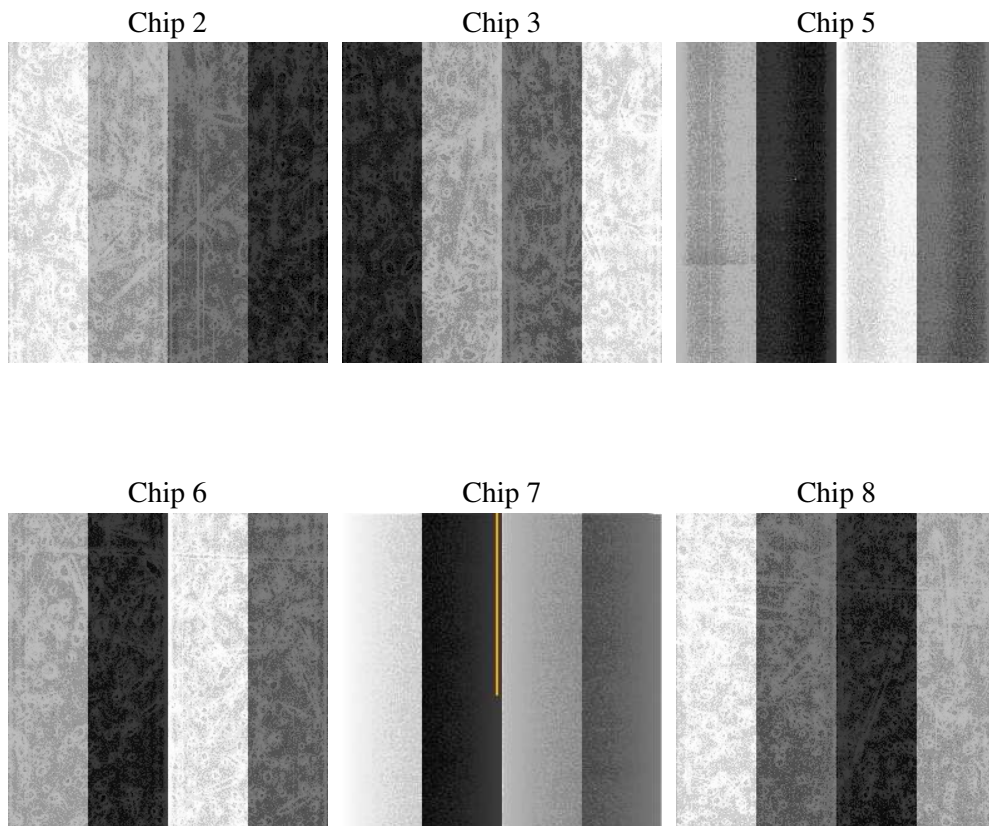
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-06-20T14:38:54
revision	2

sched_exp_time	25000.000000
ontime	24962.240423888
ontime2	24962.240423888
ontime3	24965.481424063
ontime5	24965.481443971
ontime6	24965.481424063
ontime7	24962.240423888
ontime8	24965.481443971
l1events	1308908

2.1.4 Events

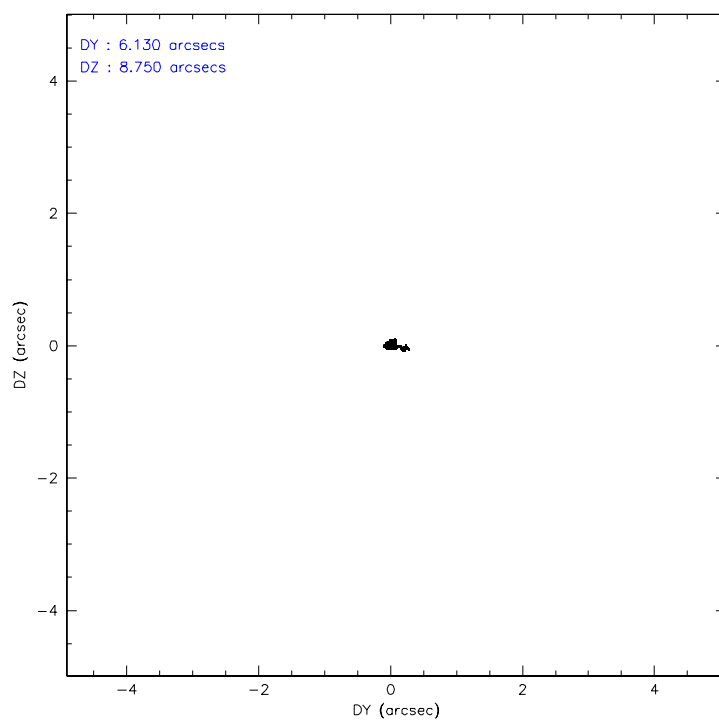
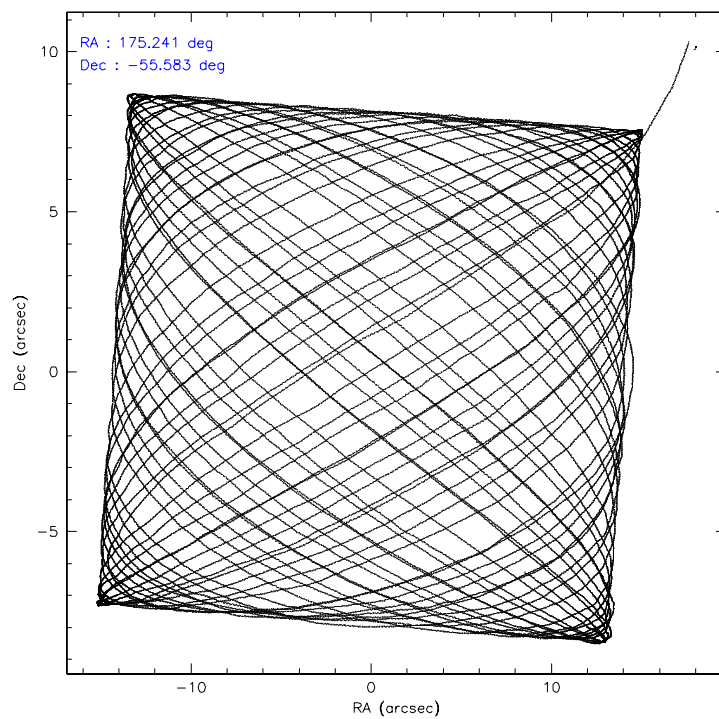
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	184480	181531	279640	184749	247533	230975
rejected events	162871	160281	154855	163154	153677	181964
rejected %	88%	88%	55%	88%	62%	78%

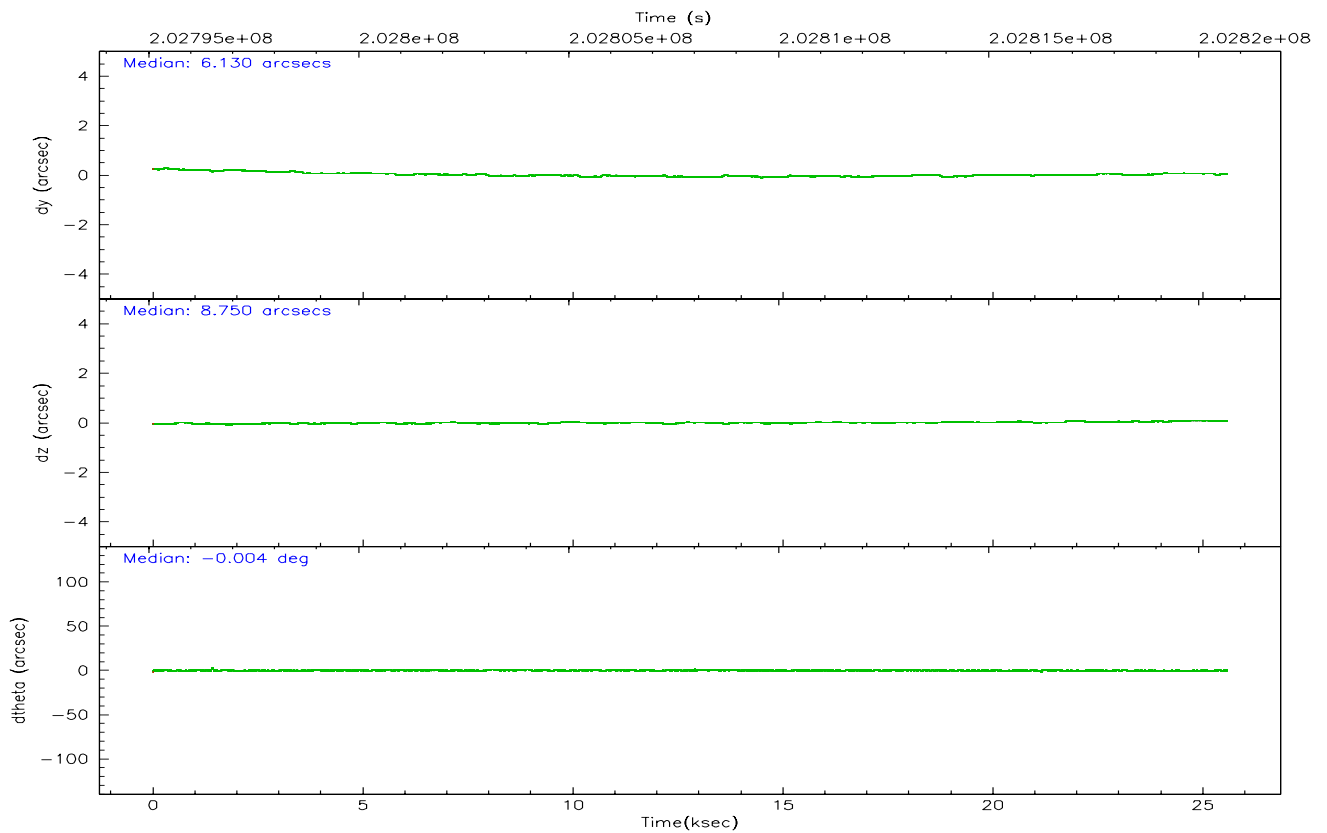
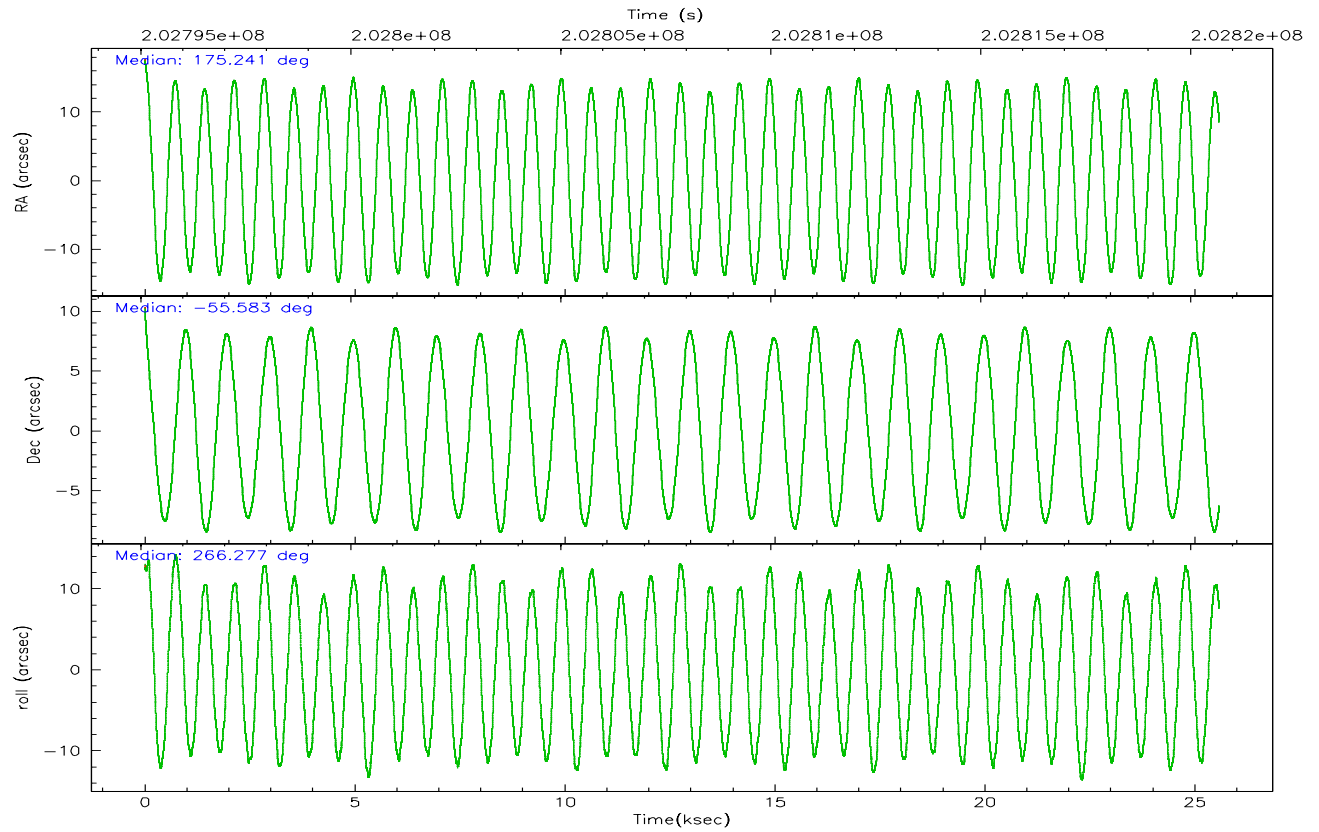
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	9435	9293	12643	8547	5156	15524
	5%	5%	4%	4%	2%	6%
grade 1 events	113	103	1400	96	135	142
	0%	0%	0%	0%	0%	0%
grade 2 events	4375	4058	38167	4462	23429	10873
	2%	2%	13%	2%	9%	4%
grade 3 events	1978	2135	2556	2025	4709	5106
	1%	1%	0%	1%	1%	2%
grade 4 events	2101	2058	2422	2081	4434	4855
	1%	1%	0%	1%	1%	2%
grade 5 events	7232	8158	13089	8534	16550	11377
	3%	4%	4%	4%	6%	4%
grade 6 events	3720	3710	69045	4491	56135	12657
	2%	2%	24%	2%	22%	5%
grade 7 events	155526	152016	140318	154513	136985	170441
	84%	83%	50%	83%	55%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-235678	ACIS-235678	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	175.219016	175.2409425605452	Alternating exposures requested	N	N
Pointing Dec	-55.558961	-55.58321872290443	Primary exposure time	0.000000	3.2
Pointing Roll	266.110728	266.2854388701811			
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	202795685.184000	202794377.8901			
Observation start date	2004-06-05T04:07:01	2004-06-05T03:46:17			
Observation end time	202820685.184000	202821719.76631			
Observation end date	2004-06-05T11:03:41	2004-06-05T11:21:59			
Read mode	TIMED	TIMED			

2.3 Aspect



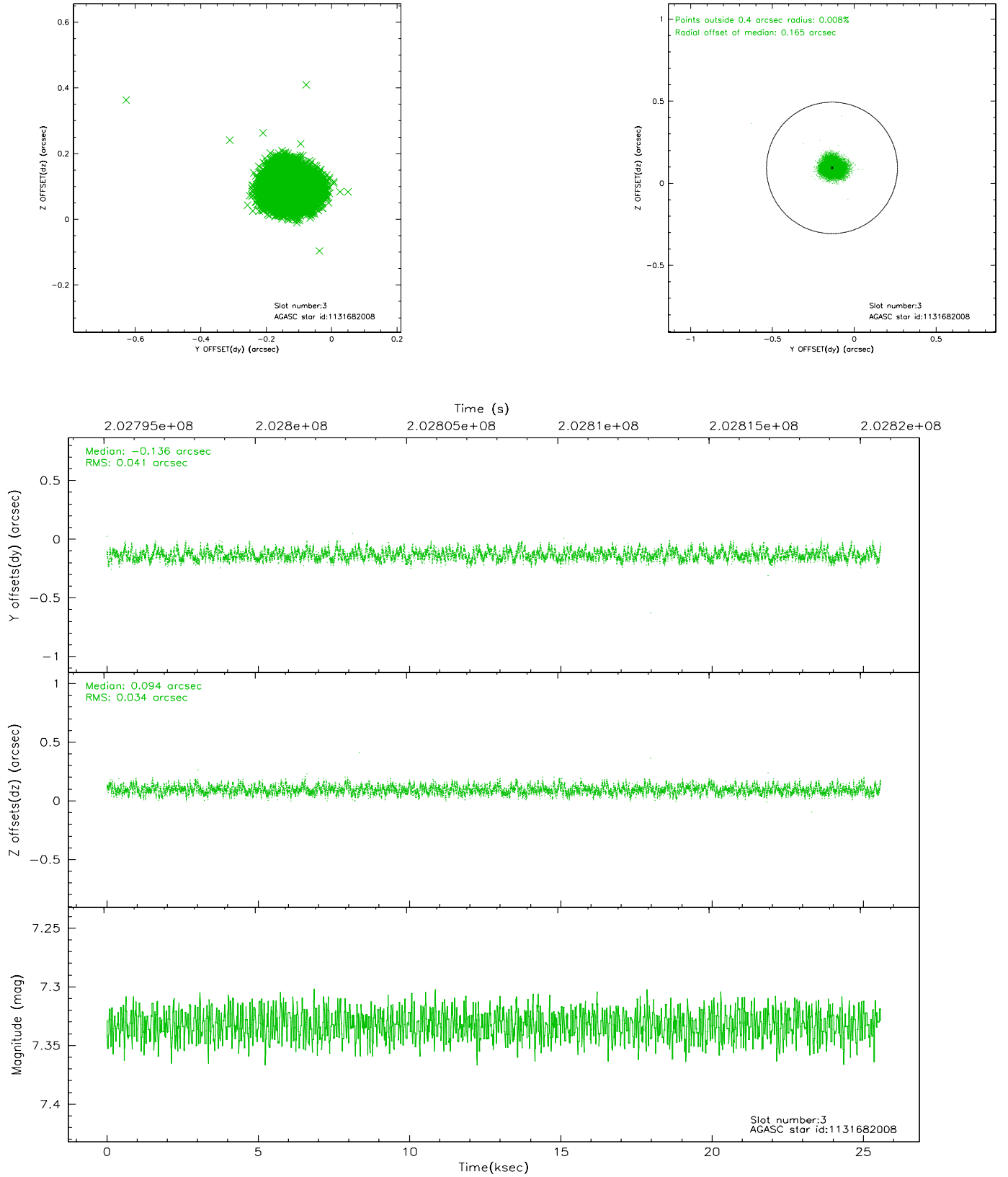


Slot Statistics

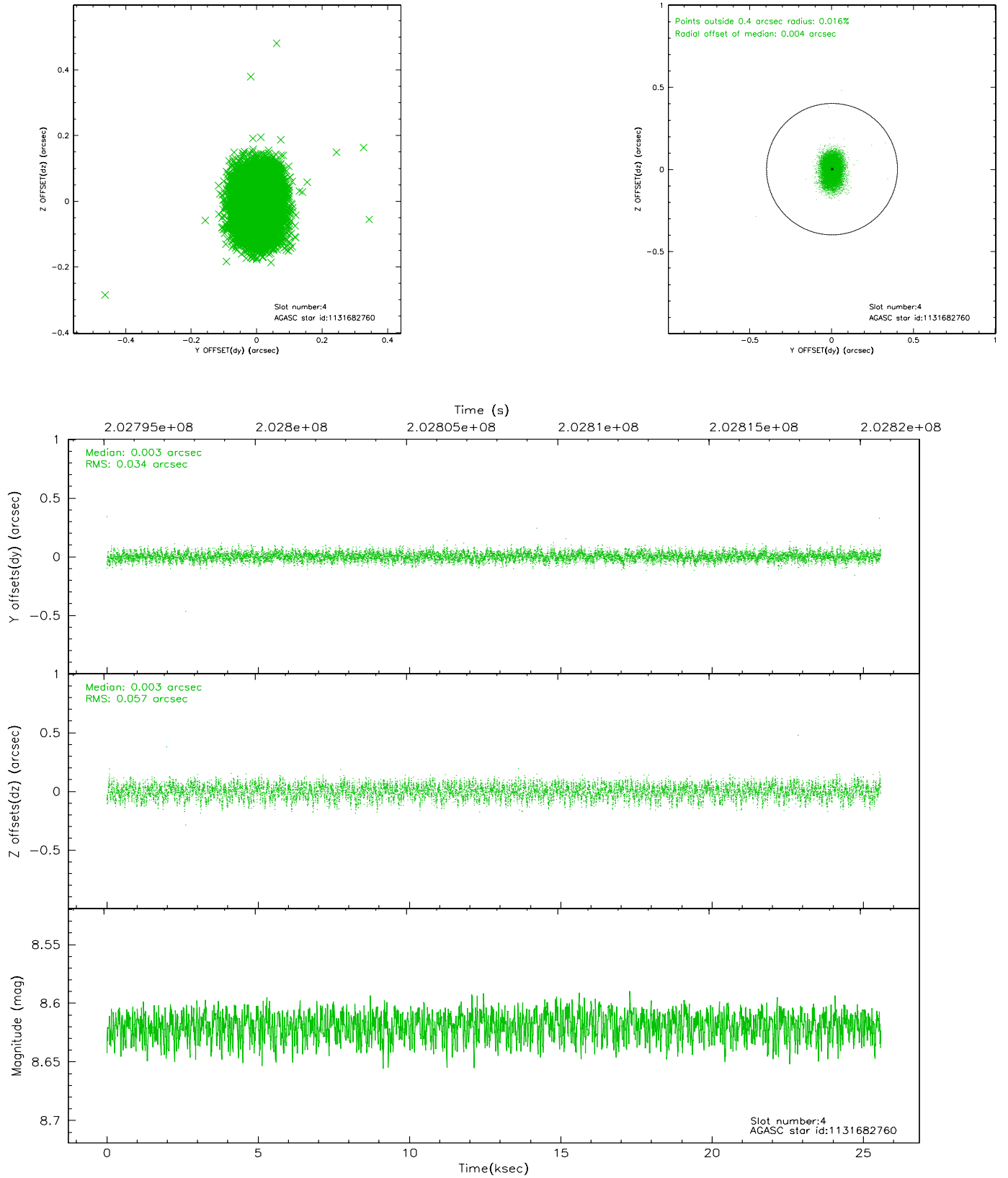
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	6239	-0.033	-0.028	0.007	0.011	0.000000	0.000000	-758.92	-1729.99
1	FID	ACIS-S-4	7.20	6239	0.047	0.023	0.005	0.009	0.000000	0.000000	2154.39	178.42
2	FID	ACIS-S-5	7.23	6239	-0.045	0.013	0.006	0.011	0.000000	0.000000	-1811.62	172.22
3	GUIDE	1131682008	7.33	12478	-0.136	0.094	0.057	0.087	175.220414	-55.098474	-1654.04	-109.58
4	GUIDE	1131682760	8.62	12472	0.003	0.003	0.070	0.116	174.263840	-55.338988	-643.69	-2003.84
5	GUIDE	1131684312	6.96	12476	-0.066	-0.012	0.055	0.079	174.289768	-55.463596	-200.88	-1914.62
6	GUIDE	1131677648	9.01	12474	0.229	-0.109	0.084	0.139	174.165433	-56.141549	2252.61	-1964.82
7	GUIDE	1131689920	7.47	12476	-0.031	0.025	0.053	0.086	176.188890	-55.819402	816.16	2021.63

2.4 Star Slots

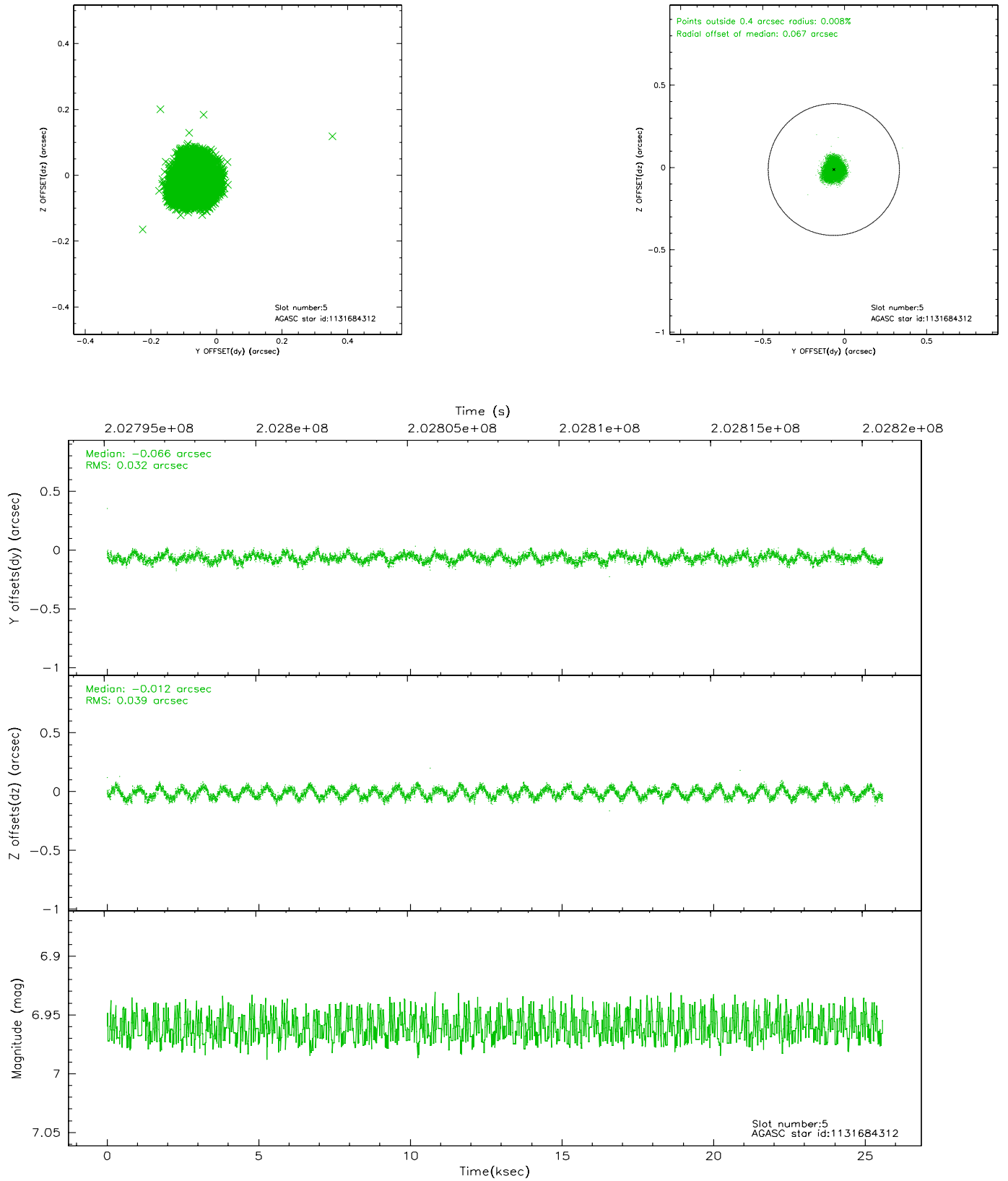
2.4.1 Slot 3



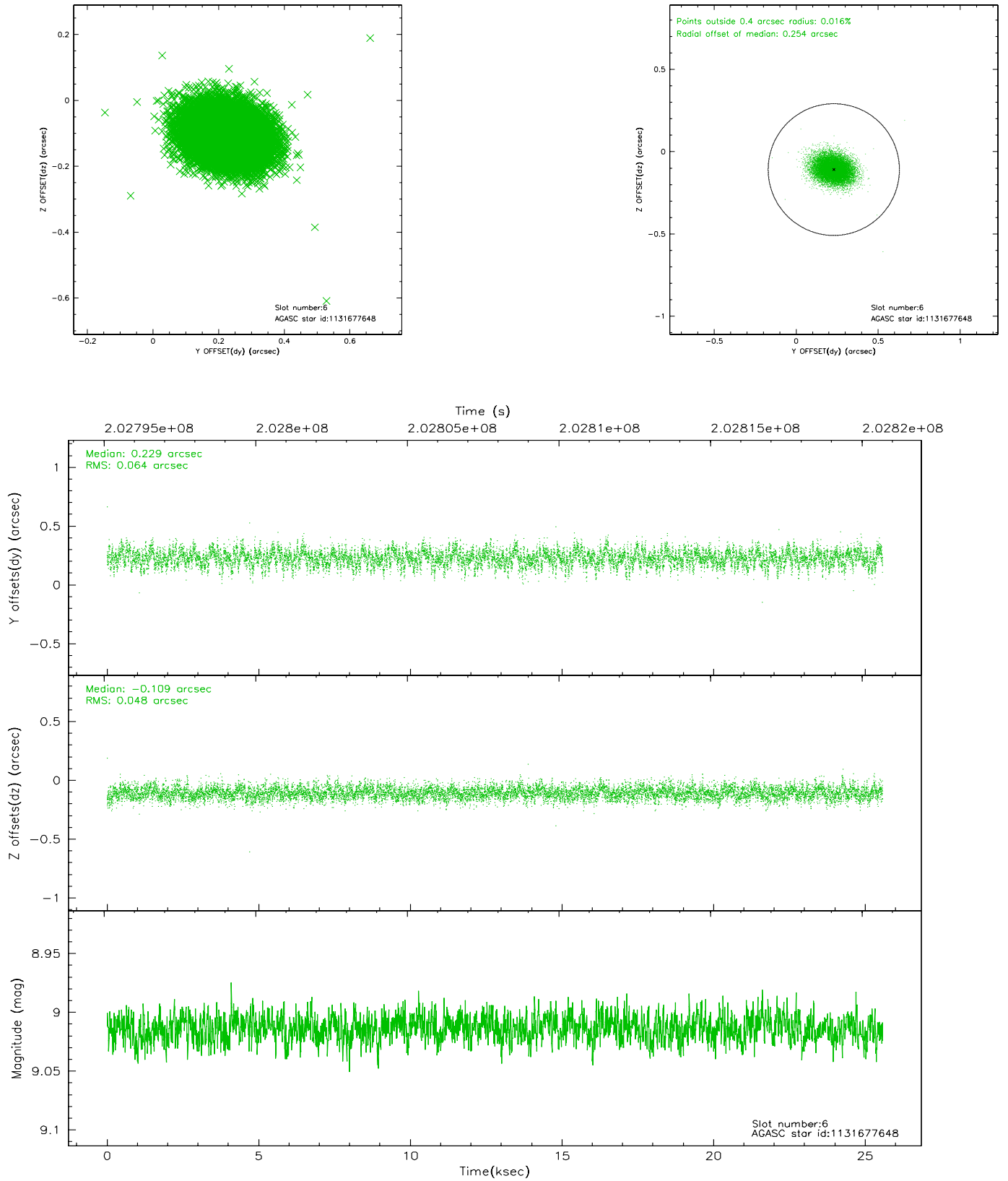
2.4.2 Slot 4



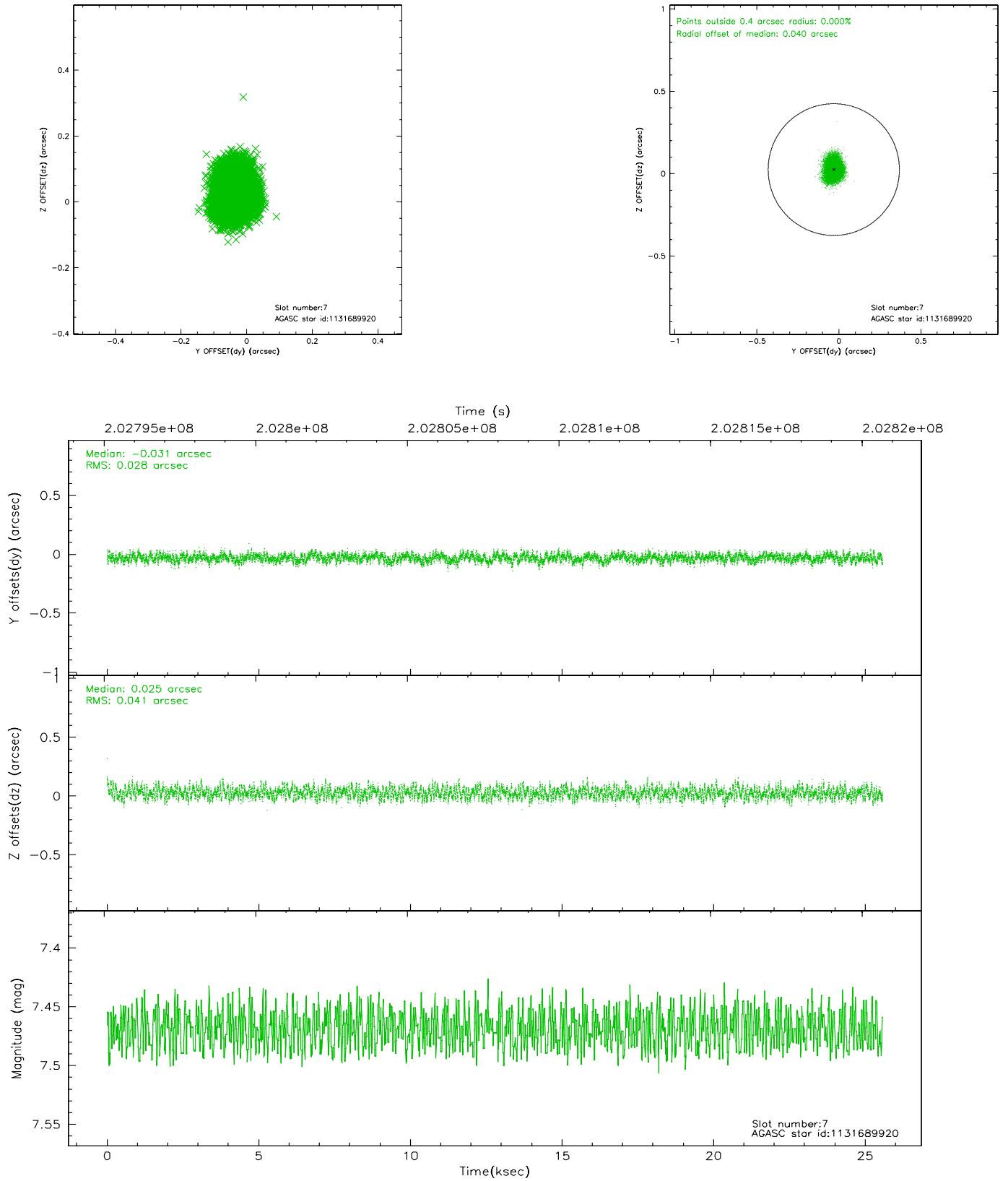
2.4.3 Slot 5



2.4.4 Slot 6

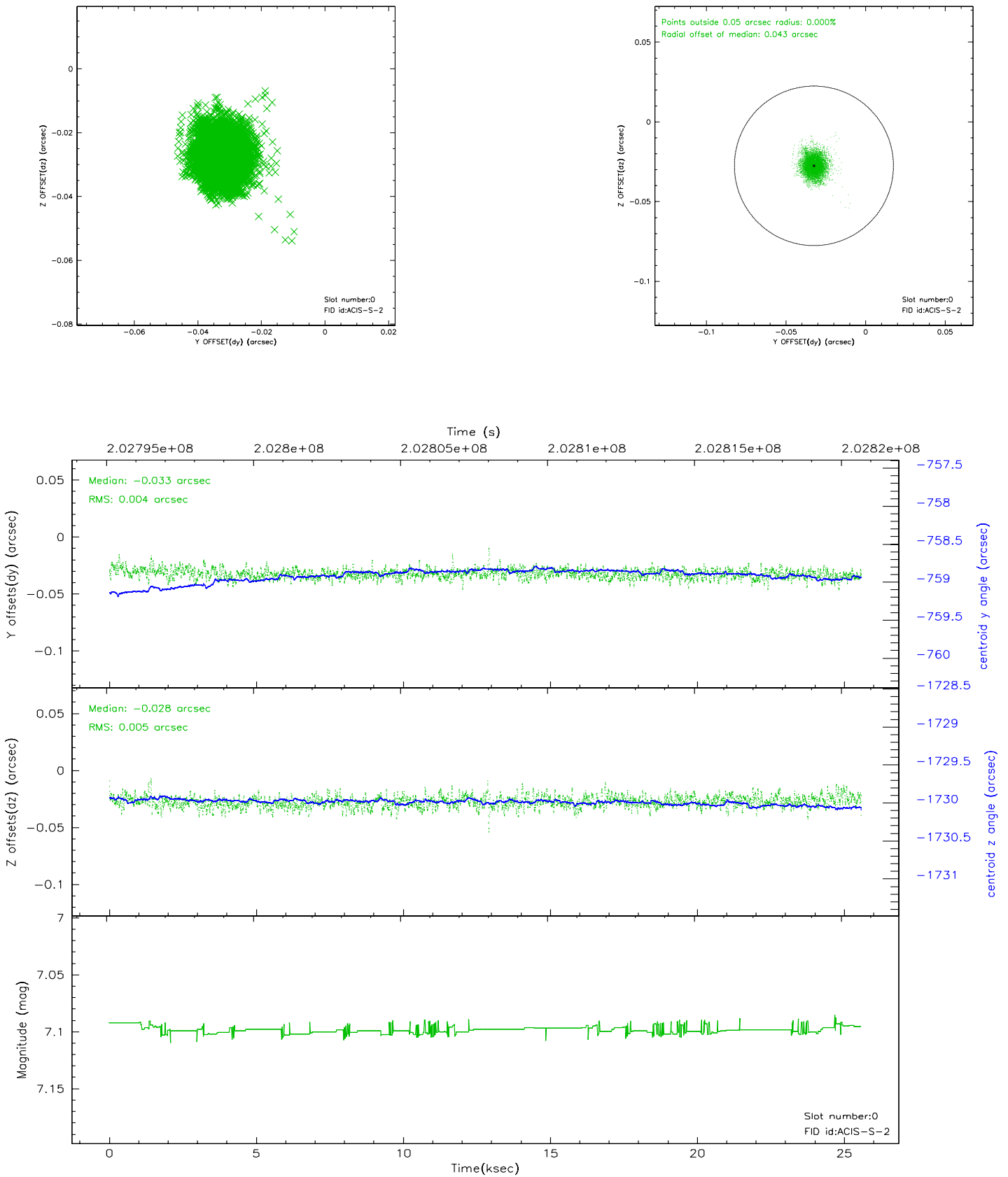


2.4.5 Slot 7

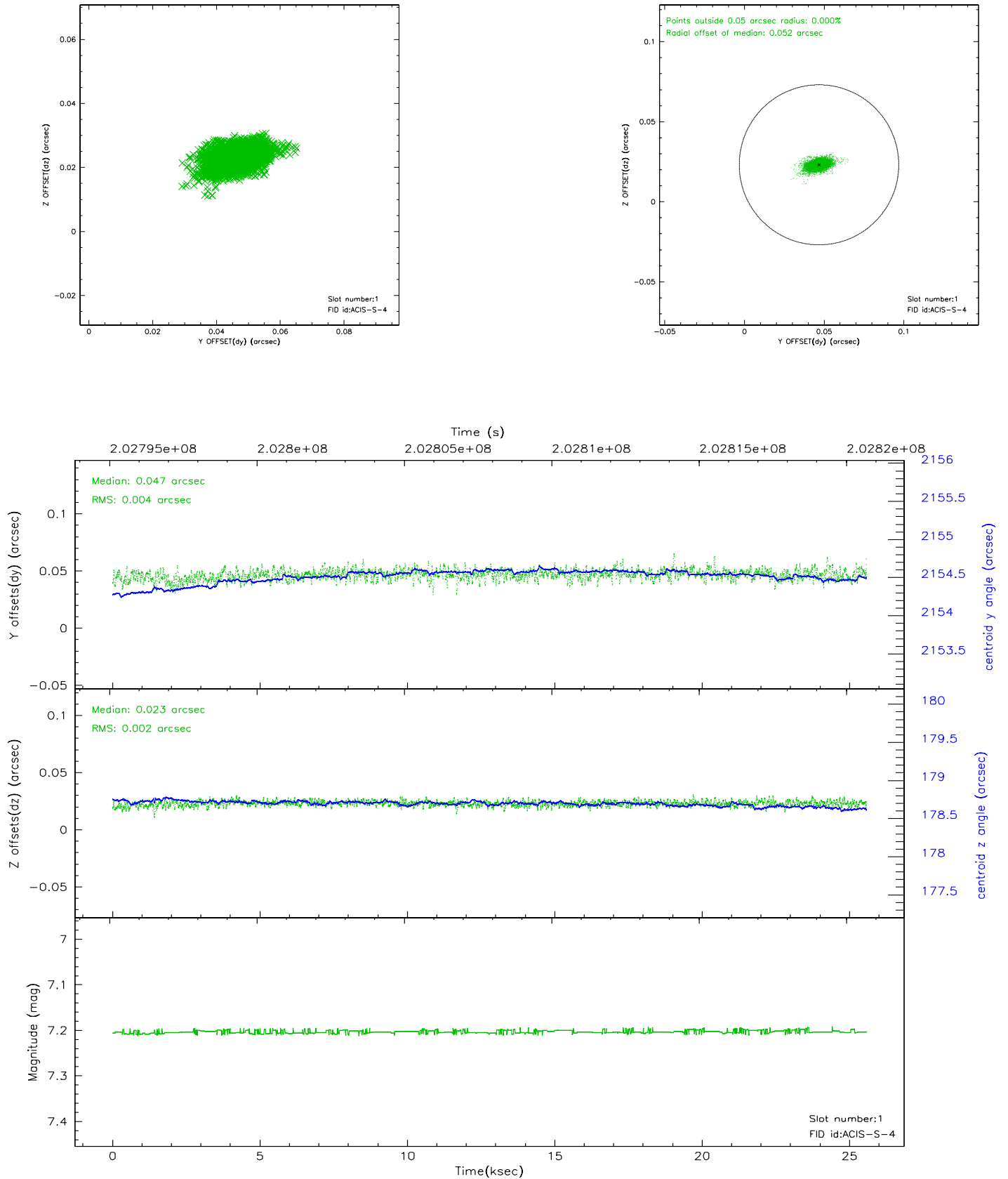


2.5 FID Slots

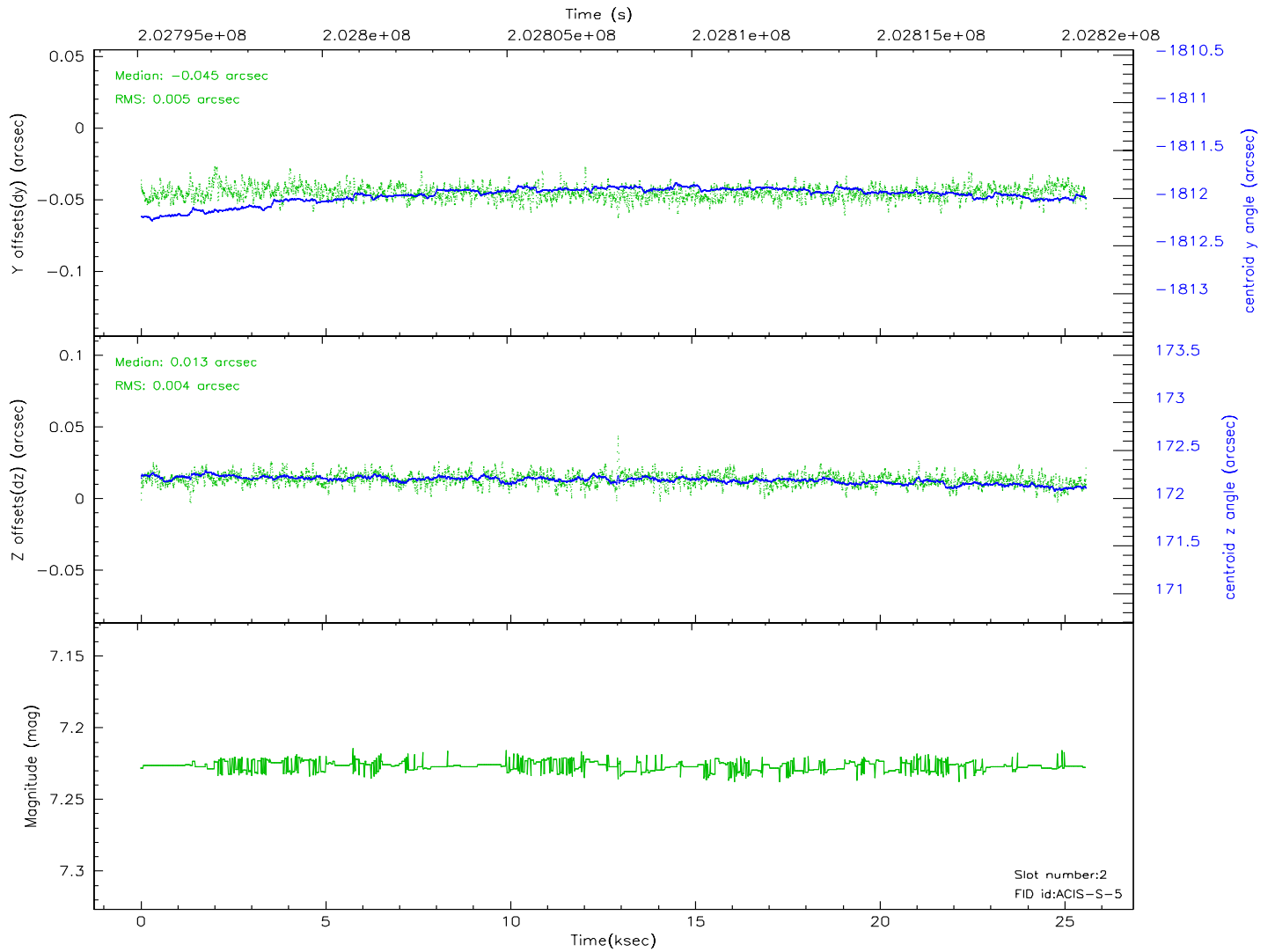
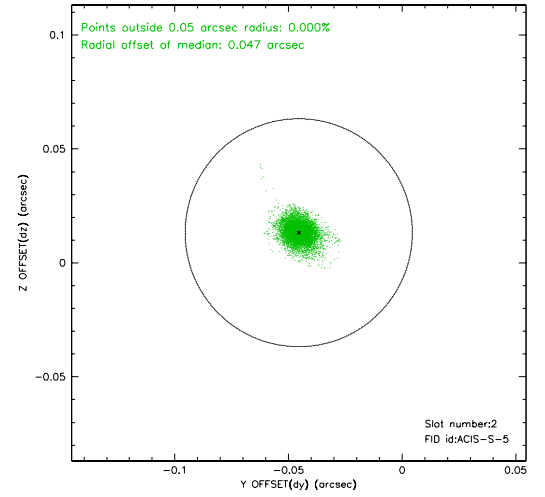
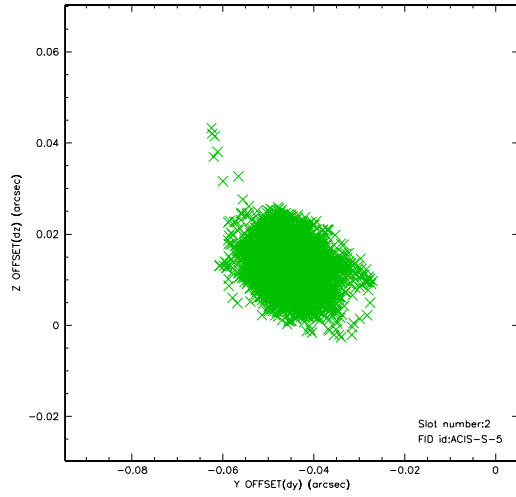
2.5.1 Slot 0



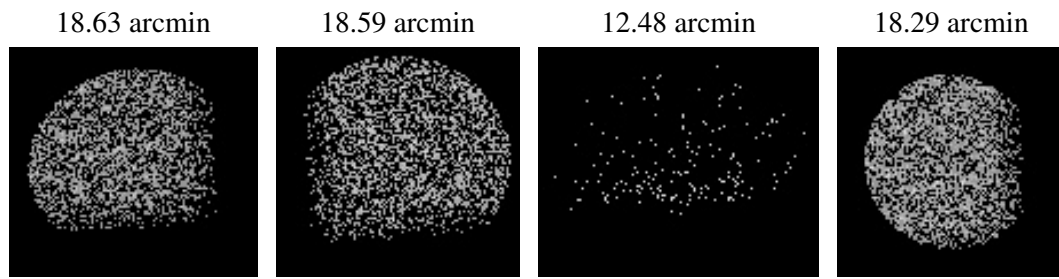
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	24.956

A.2 Comments