

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 586 - L2 Version 001
Chandra X-Ray Center

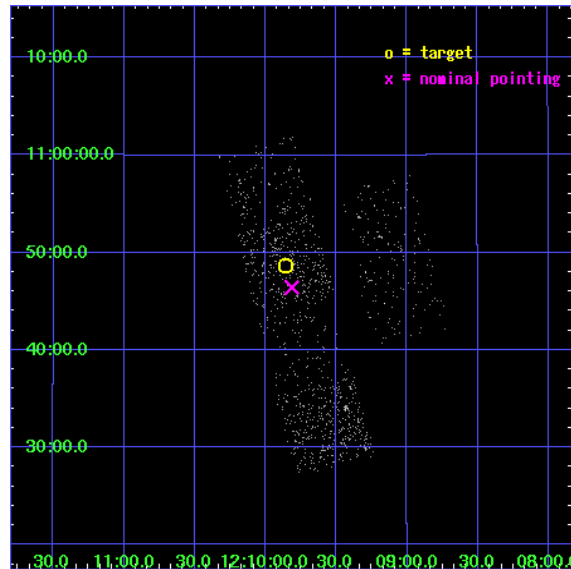
L2 Processing Date : Jun 1 2007

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1 Front

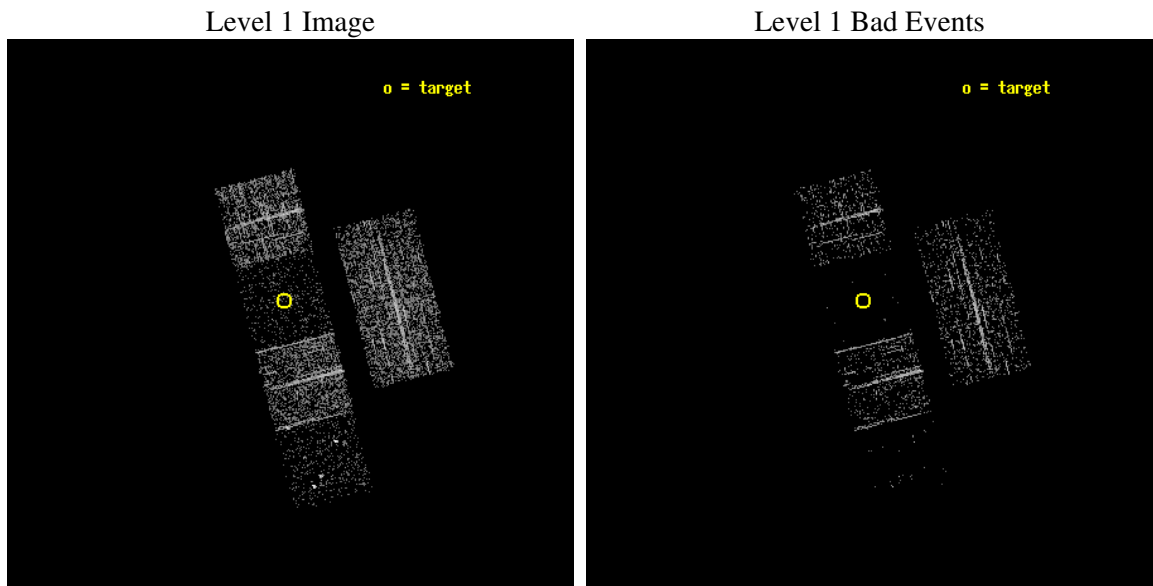
seq_num	100004
obs_id	586
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.46482
dec_targ	10.81025
ra_nom	182.45347722403
dec_nom	10.773738905894
roll_nom	255.84875686065
revision	3
ontime	960.00000089407
livetime	947.84390284015
ontime2	960.00000089407
ontime3	960.00000089407
ontime5	960.00000089407
ontime6	960.00000089407
ontime7	960.00000089407
ontime8	959.98550631106
l2events	1186



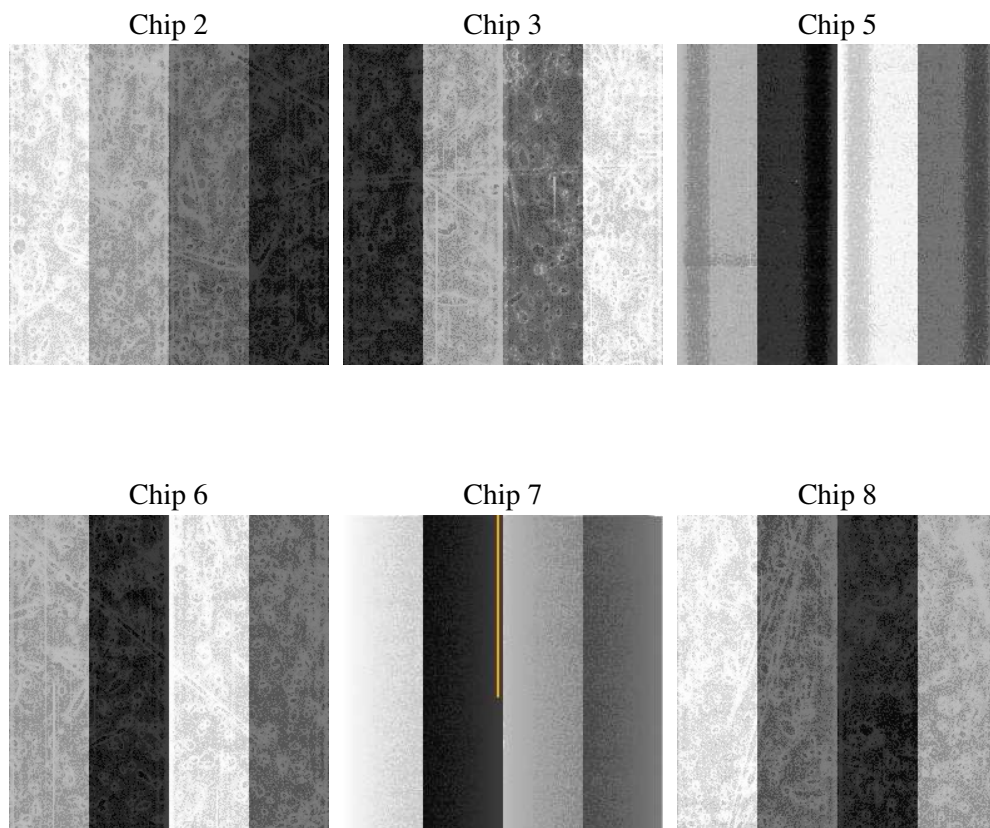
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.4.0
date	2007-06-01T03:55:30
revision	3

sched_exp_time	1000.000000
ontime	960.00000089407
ontime2	960.00000089407
ontime3	960.00000089407
ontime5	960.00000089407
ontime6	960.00000089407
ontime7	960.00000089407
ontime8	959.98550631106
l1events	18506

2.1.4 Events

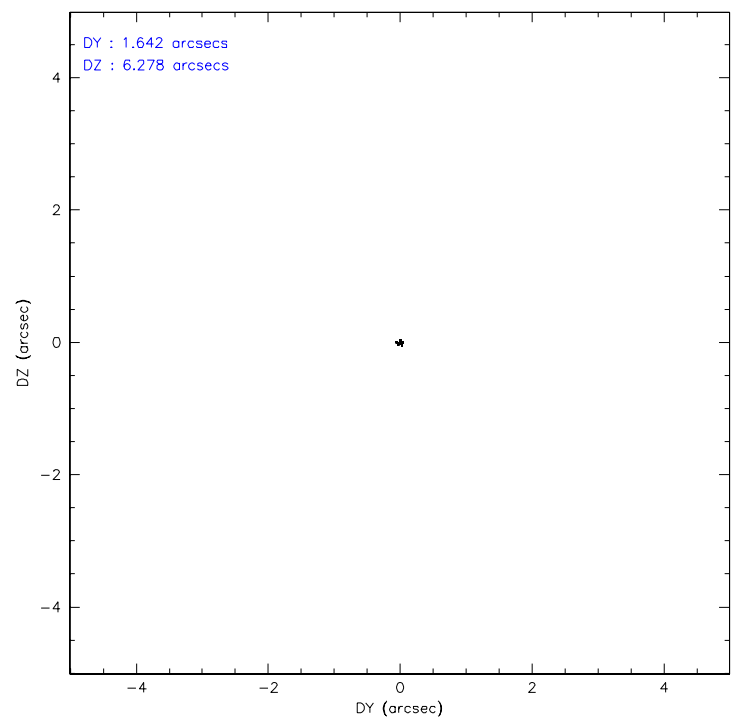
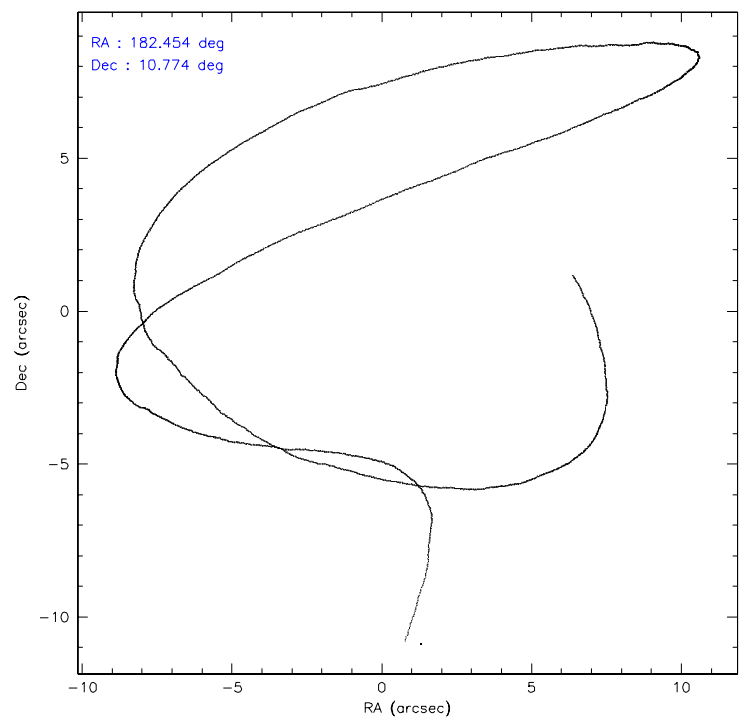
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	4560	3665	1156	4177	525	4423
rejected events	4391	3538	245	4033	120	3561
rejected %	96%	96%	21%	96%	22%	80%

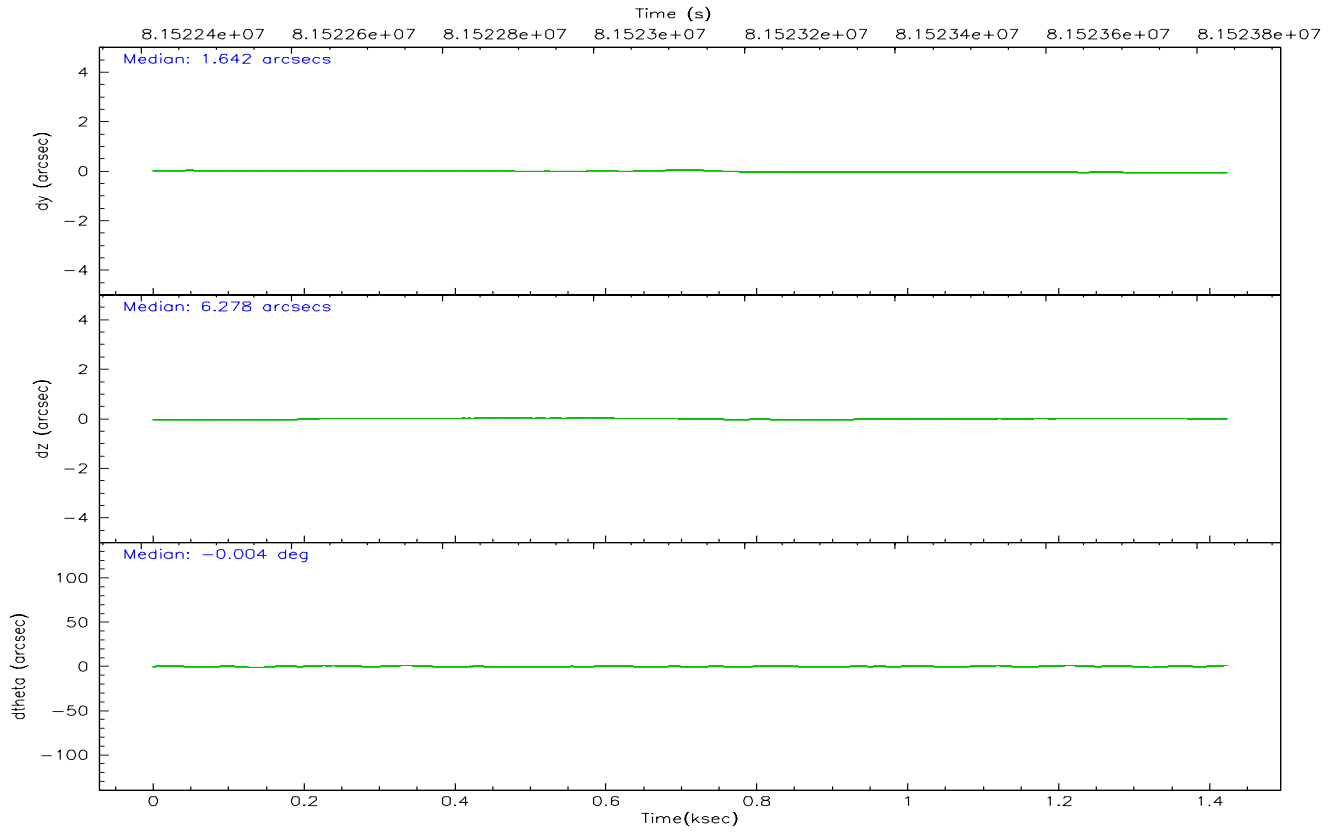
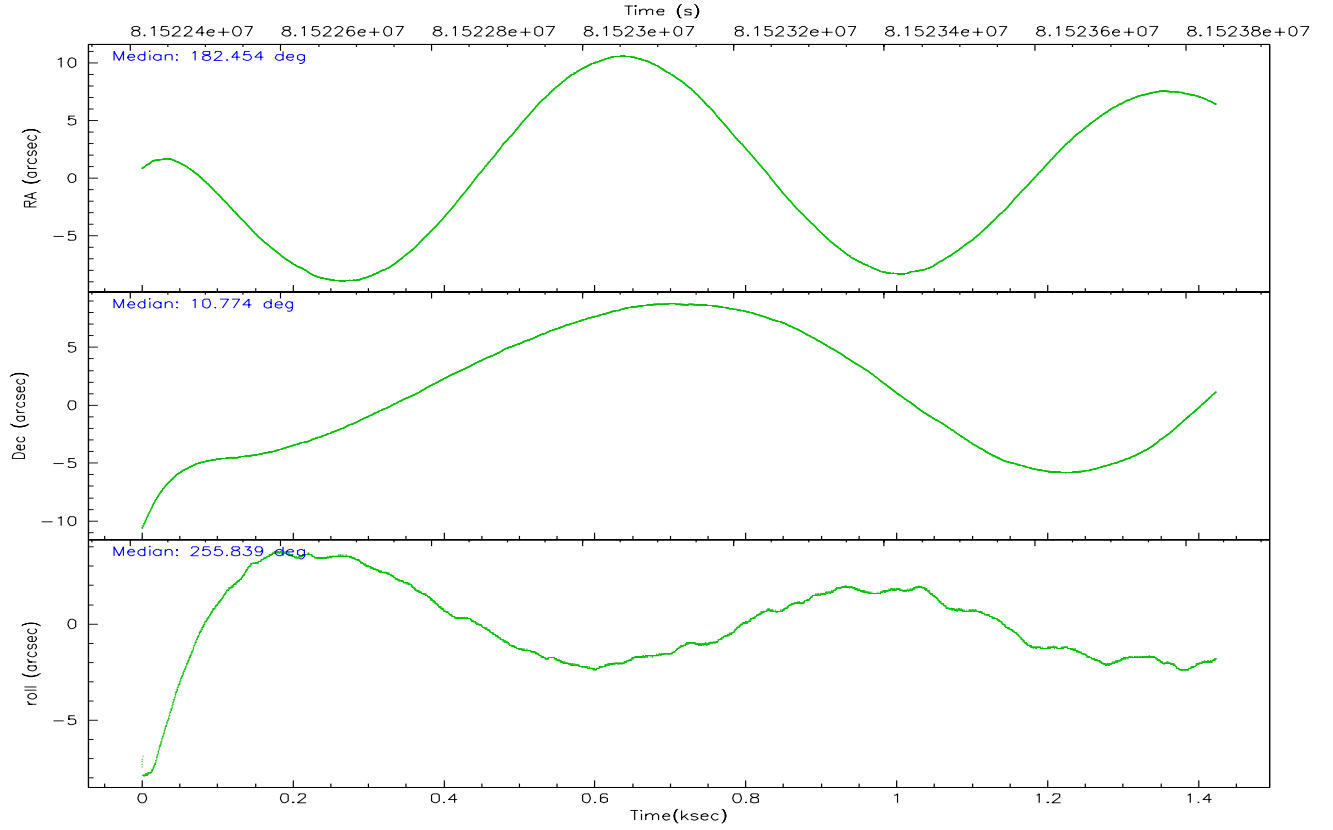
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	68	74	564	78	164	294
	1%	2%	48%	1%	31%	6%
grade 1 events	2	1	19	1	3	0
	0%	0%	1%	0%	0%	0%
grade 2 events	45	18	260	20	131	200
	0%	0%	22%	0%	24%	4%
grade 3 events	32	19	67	27	54	161
	0%	0%	5%	0%	10%	3%
grade 4 events	23	21	67	21	54	137
	0%	0%	5%	0%	10%	3%
grade 5 events	6	5	30	6	11	16
	0%	0%	2%	0%	2%	0%
grade 6 events	19	12	51	12	66	210
	0%	0%	4%	0%	12%	4%
grade 7 events	4365	3515	98	4012	42	3405
	95%	95%	8%	96%	8%	76%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	182.445843	182.4534772240276	Subarray requested	NONE	NONE
Pointing Dec	10.800554	10.77373890589403	Alternating exposures requested	N	N
Pointing Roll	255.693659	255.8487568606515	Primary exposure time	3.200000	3.2
SIM focus pos (mm)	-0.684267	-0.6828225247311905			
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1425803651734			
SIM translation stage offset (mm)	0	0.01005778216563158			
Observation start time	81522840.184000	81521659.878135			
Observation start date	2000-08-01T13:12:56	2000-08-01T12:54:19			
Observation end time	81523840.184000	81523974.32822099			
Observation end date	2000-08-01T13:29:36	2000-08-01T13:32:54			
Read mode	TIMED	TIMED			

2.3 Aspect



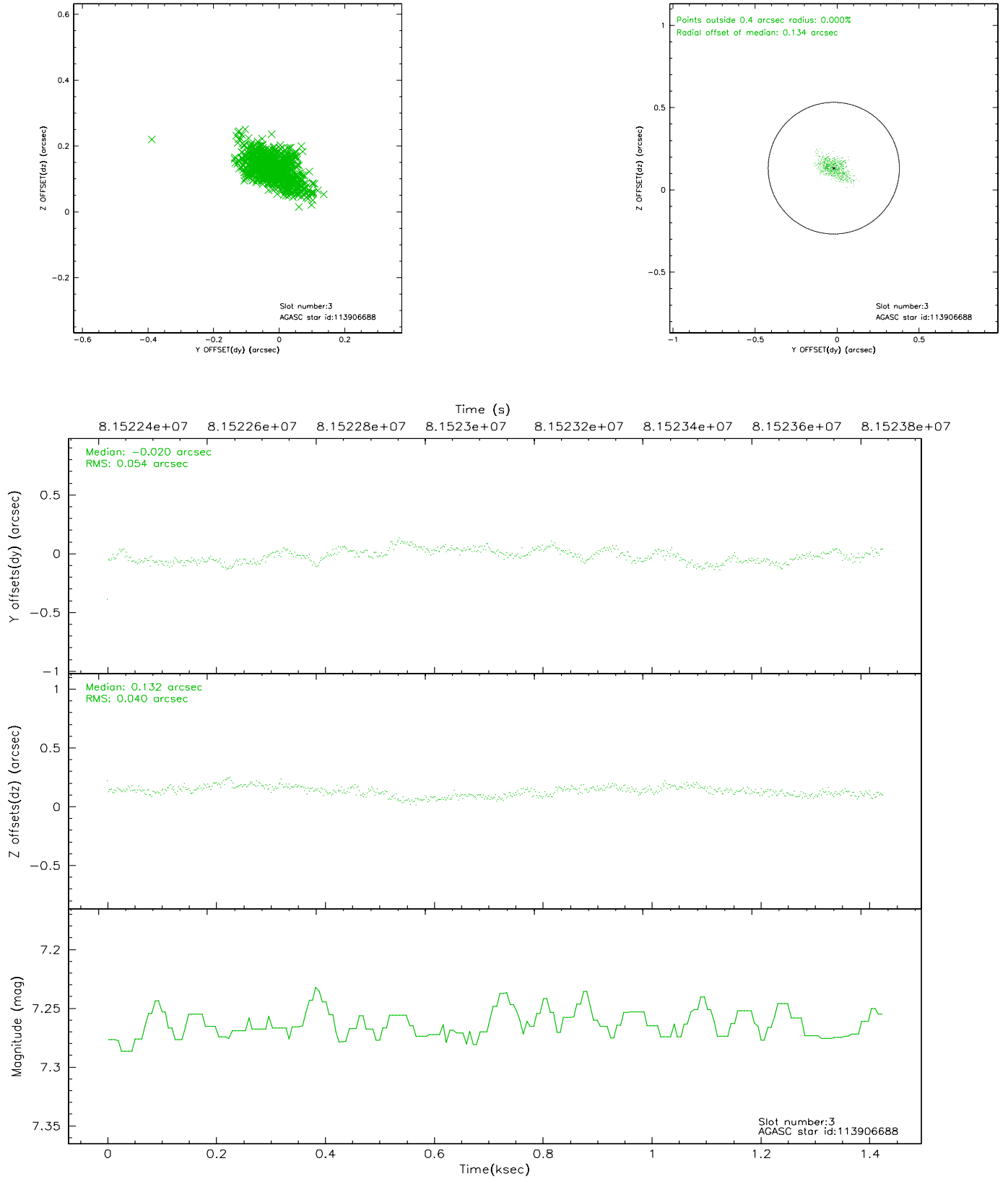


Slot Statistics

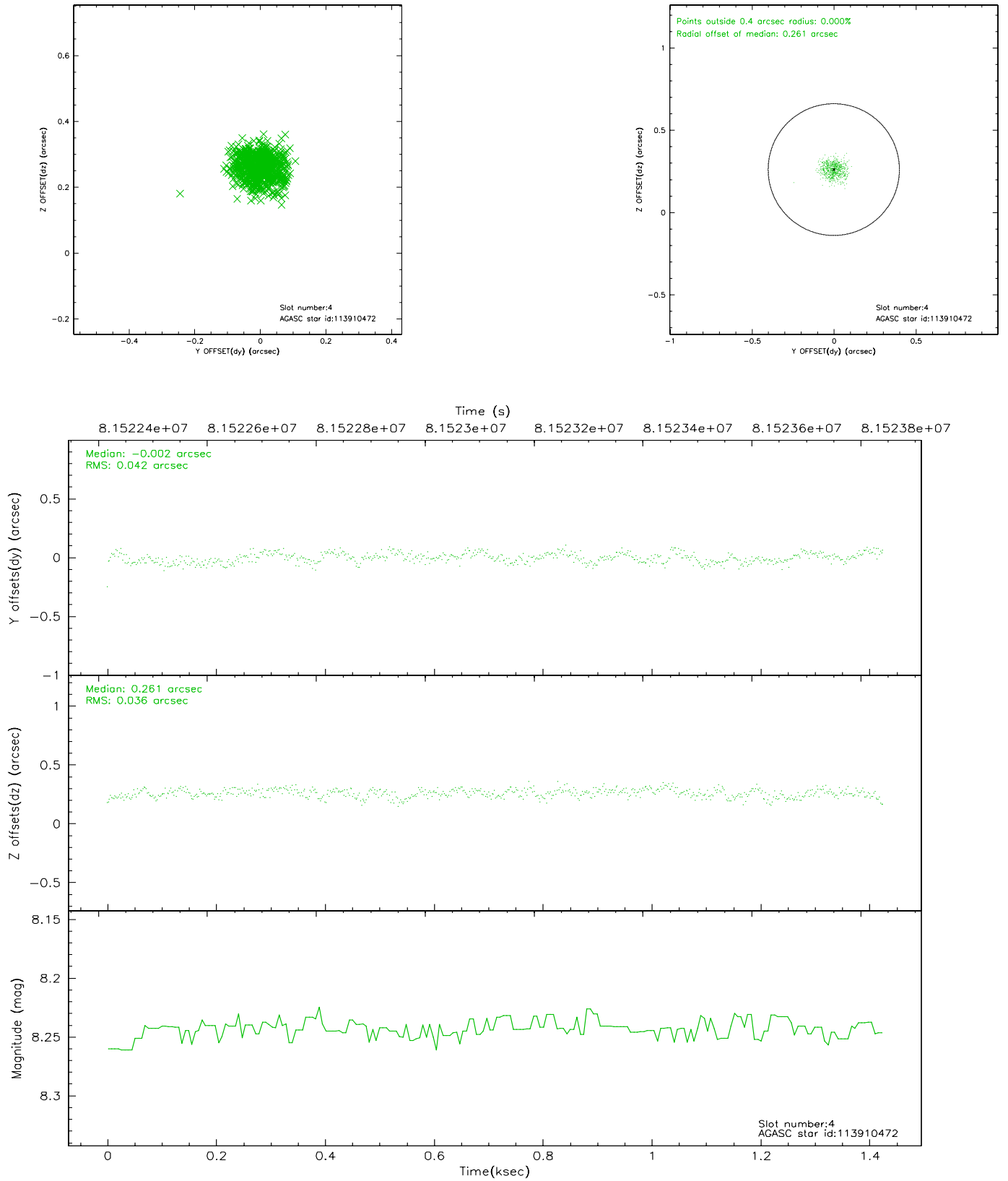
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	348	-0.021	0.037	0.006	0.009	0.000000	0.000000	-754.25	-1727.33
1	FID	ACIS-S-4	7.21	348	-0.066	0.000	0.005	0.008	0.000000	0.000000	2156.88	176.32
2	FID	ACIS-S-5	7.23	348	0.057	-0.028	0.006	0.010	0.000000	0.000000	-1801.03	175.24
3	GUIDE	113906688	7.27	696	-0.020	0.132	0.069	0.117	183.194115	11.111362	-1742.21	2283.73
4	GUIDE	113910472	8.24	696	-0.002	0.261	0.060	0.094	182.994765	11.292167	-2199.47	1443.06
5	GUIDE	113910736	8.48	695	0.174	-0.025	0.090	0.143	181.816666	10.531380	1483.30	-1916.82
6	GUIDE	113908584	8.60	696	-0.198	-0.449	0.075	0.112	182.320674	11.291738	-1603.40	-868.85
7	GUIDE	113908616	8.69	695	0.055	0.085	0.065	0.104	182.402585	11.211583	-1399.42	-515.24

2.4 Star Slots

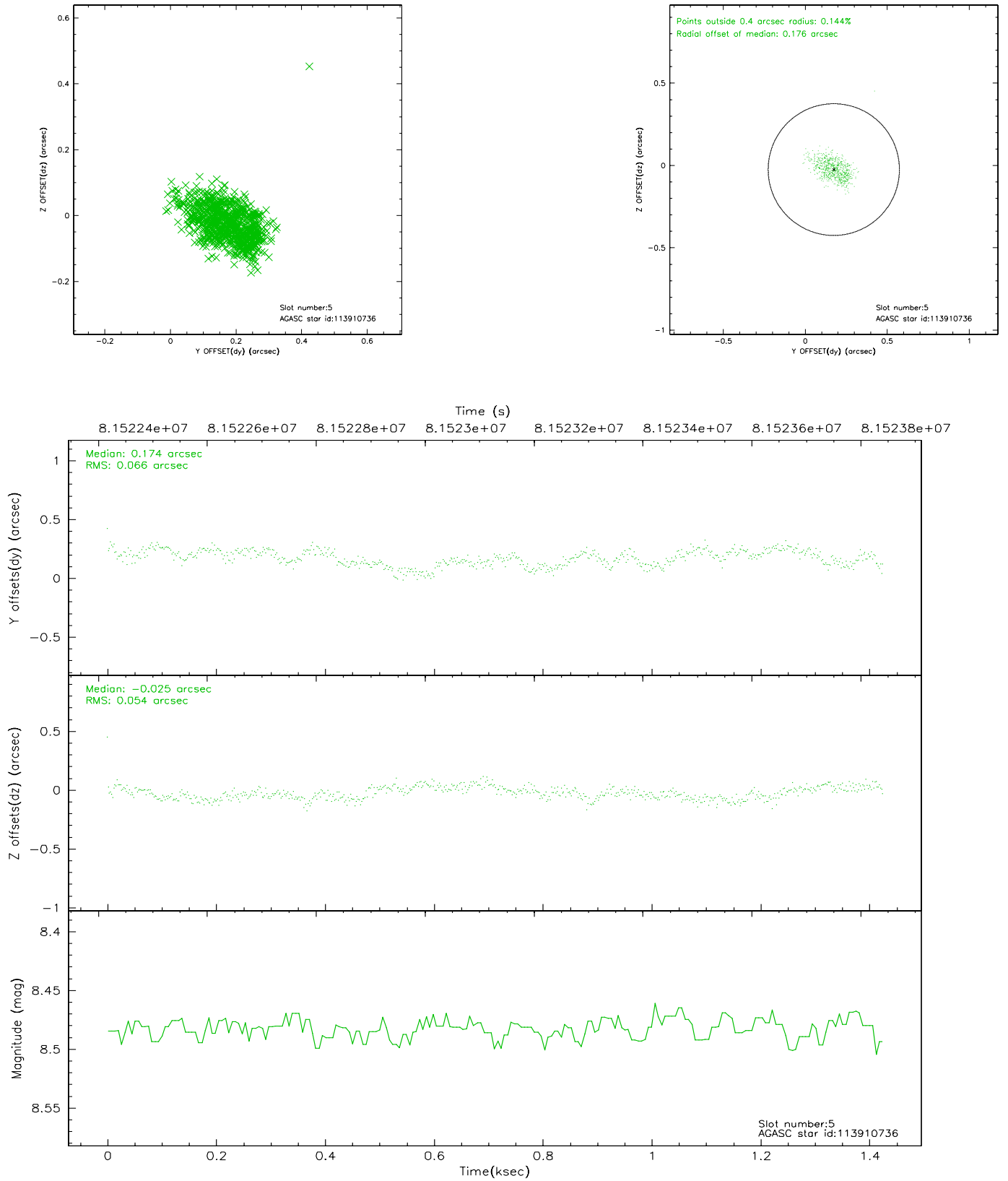
2.4.1 Slot 3



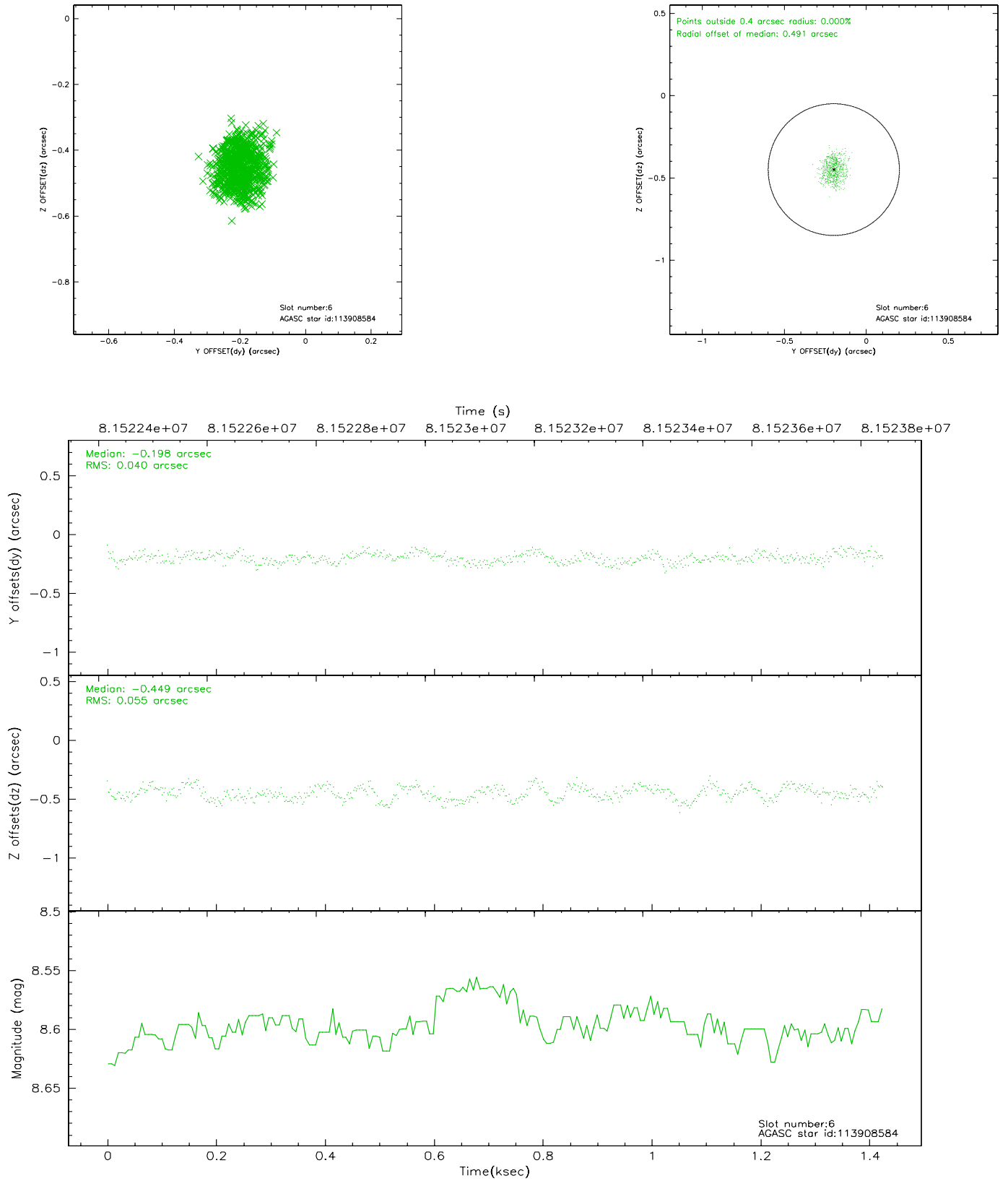
2.4.2 Slot 4



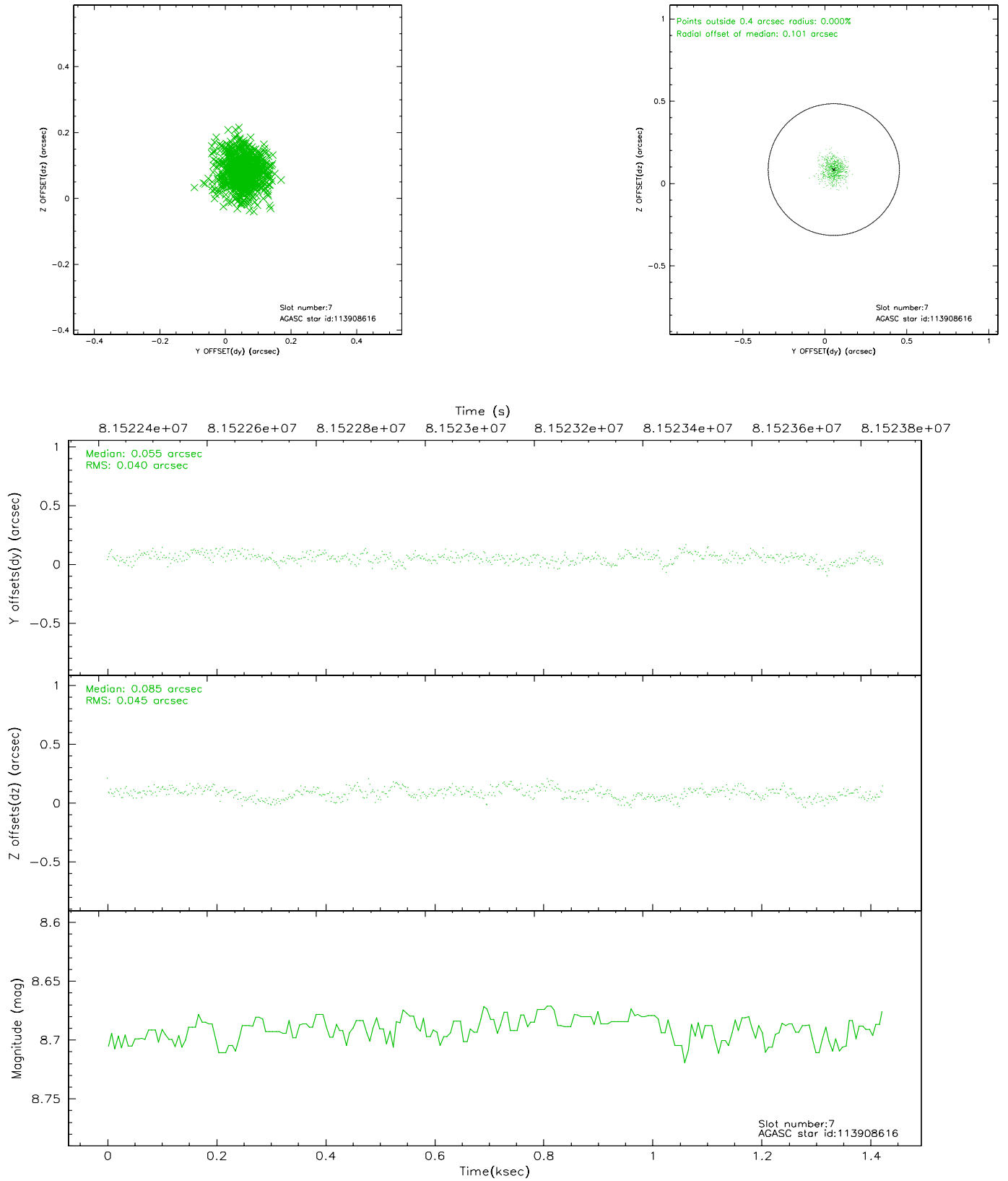
2.4.3 Slot 5



2.4.4 Slot 6

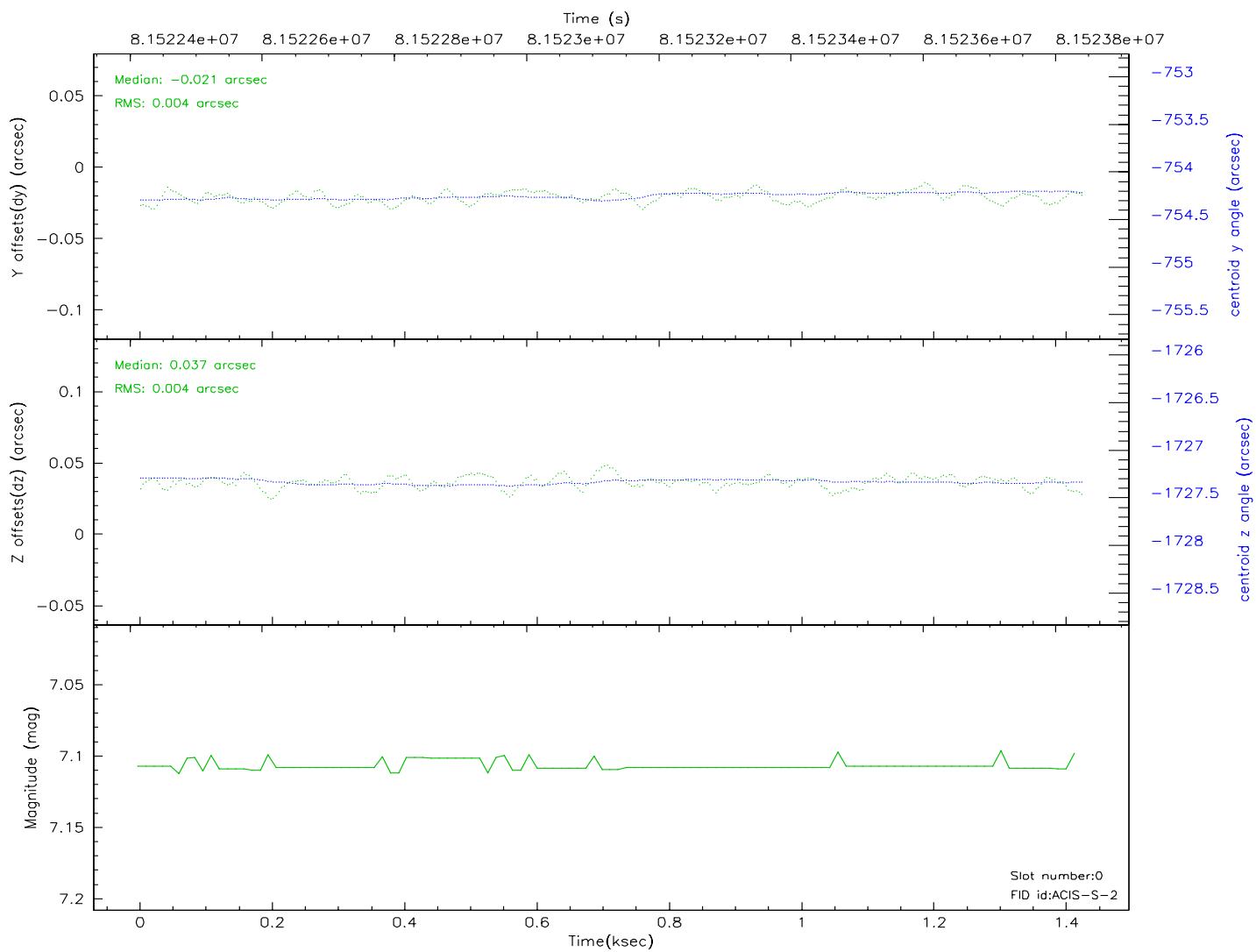
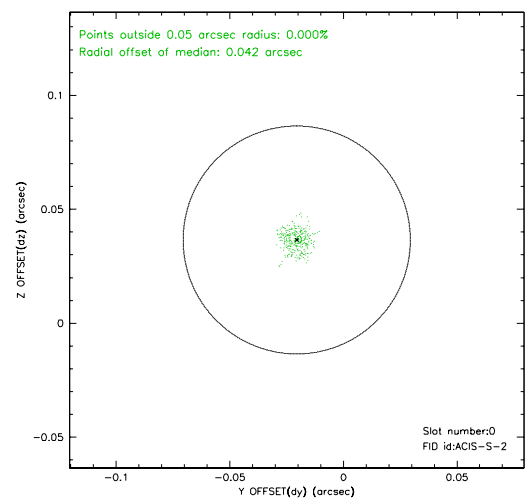
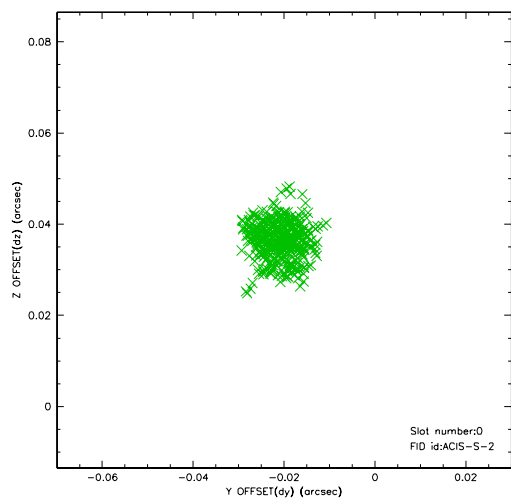


2.4.5 Slot 7

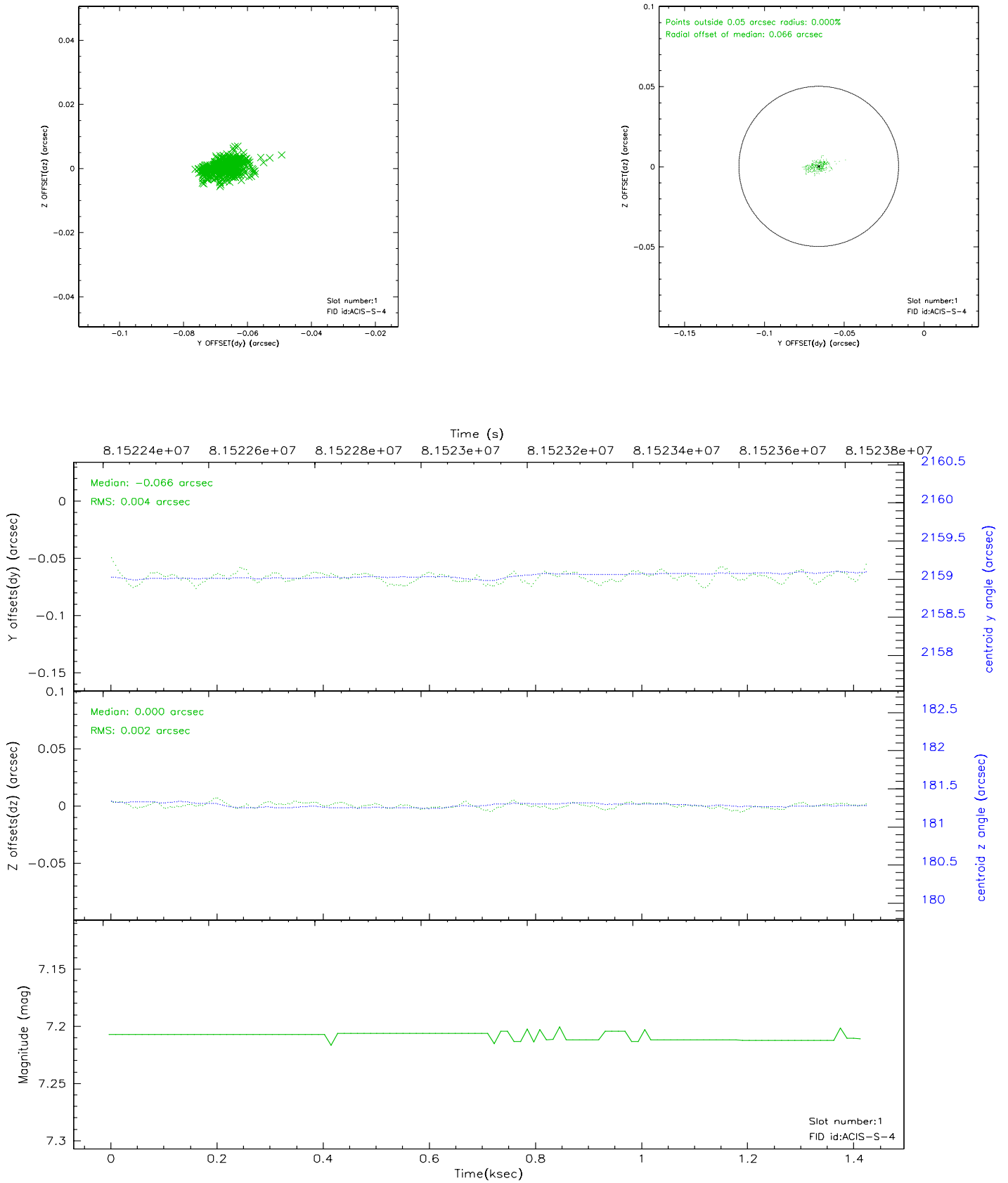


2.5 FID Slots

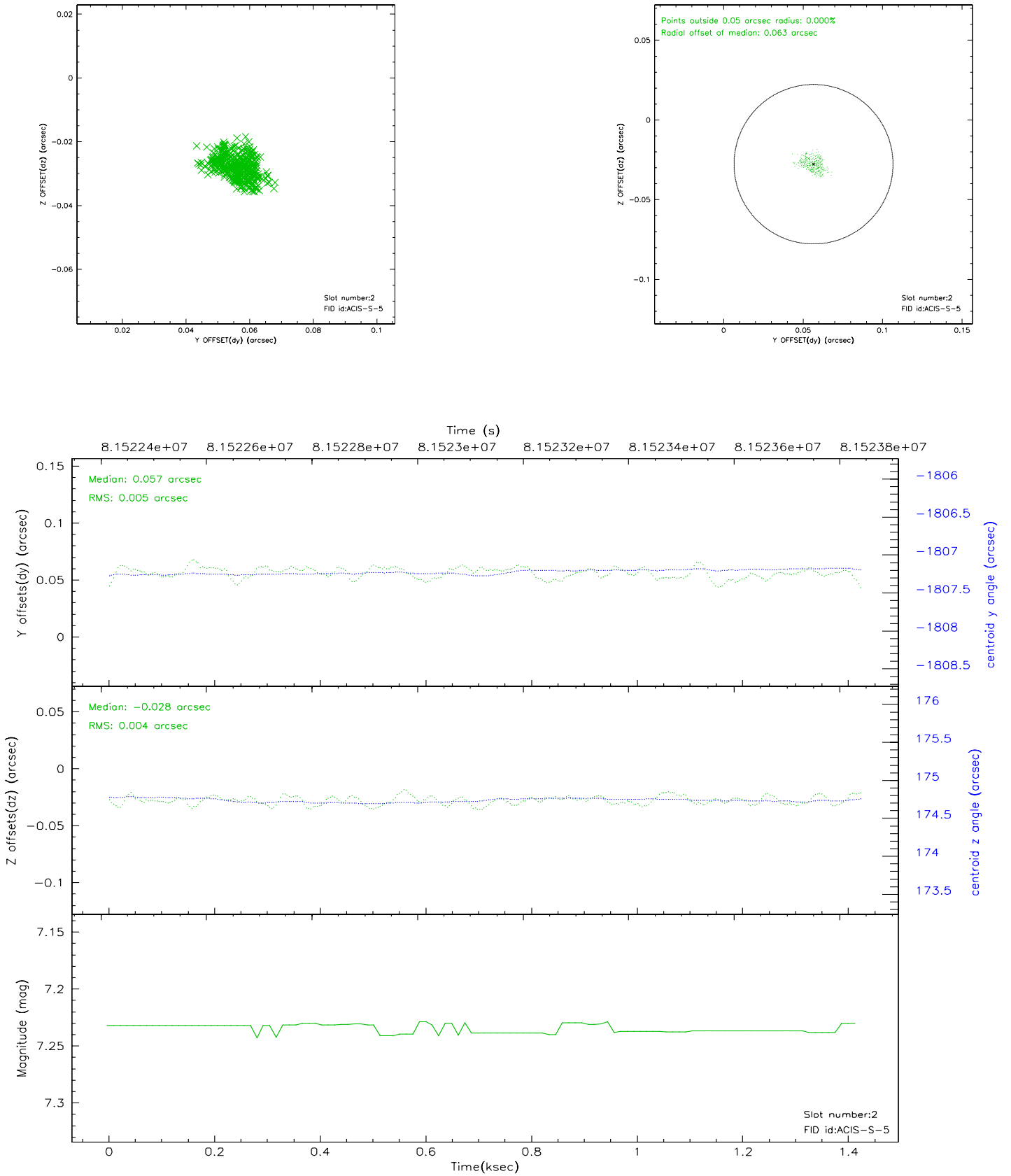
2.5.1 Slot 0



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)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.96

A.2 Comments