

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1762 - L2 Version 001
Chandra X-Ray Center

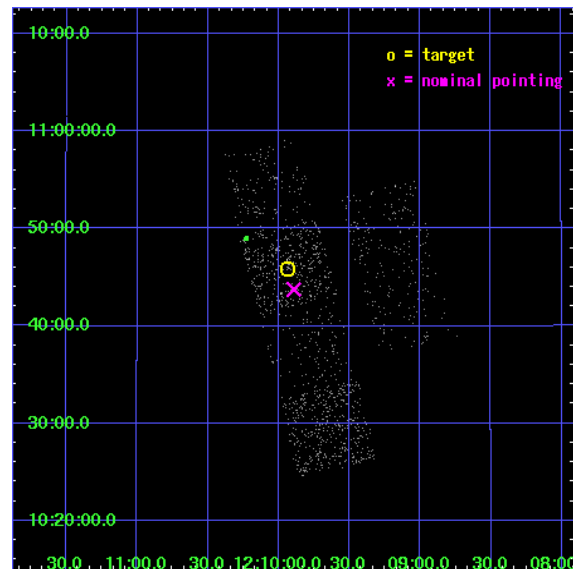
L2 Processing Date : Jun 1 2007

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1 Front

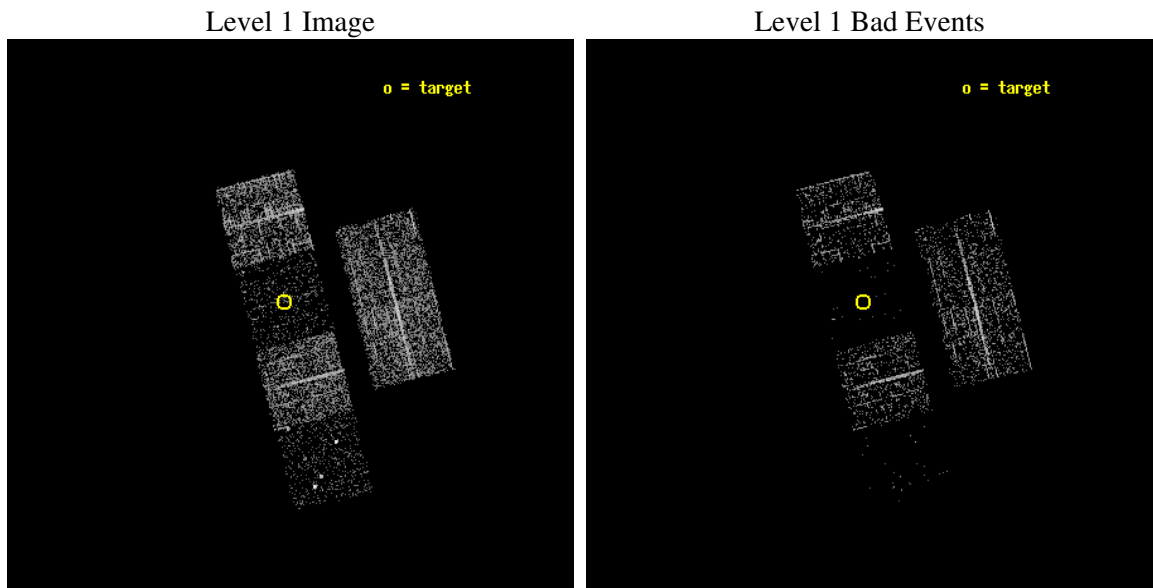
seq_num	100004
obs_id	1762
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.484
dec_targ	10.76515
ra_nom	182.47310462207
dec_nom	10.729273402888
roll_nom	255.8206543859
revision	3
ontime	1196.8000011146
livetime	1181.645398874
ontime2	1196.8000011146
ontime3	1196.8000011146
ontime5	1196.8000011146
ontime6	1196.8000011146
ontime7	1196.8000011146
ontime8	1196.8000011146
l2events	1435



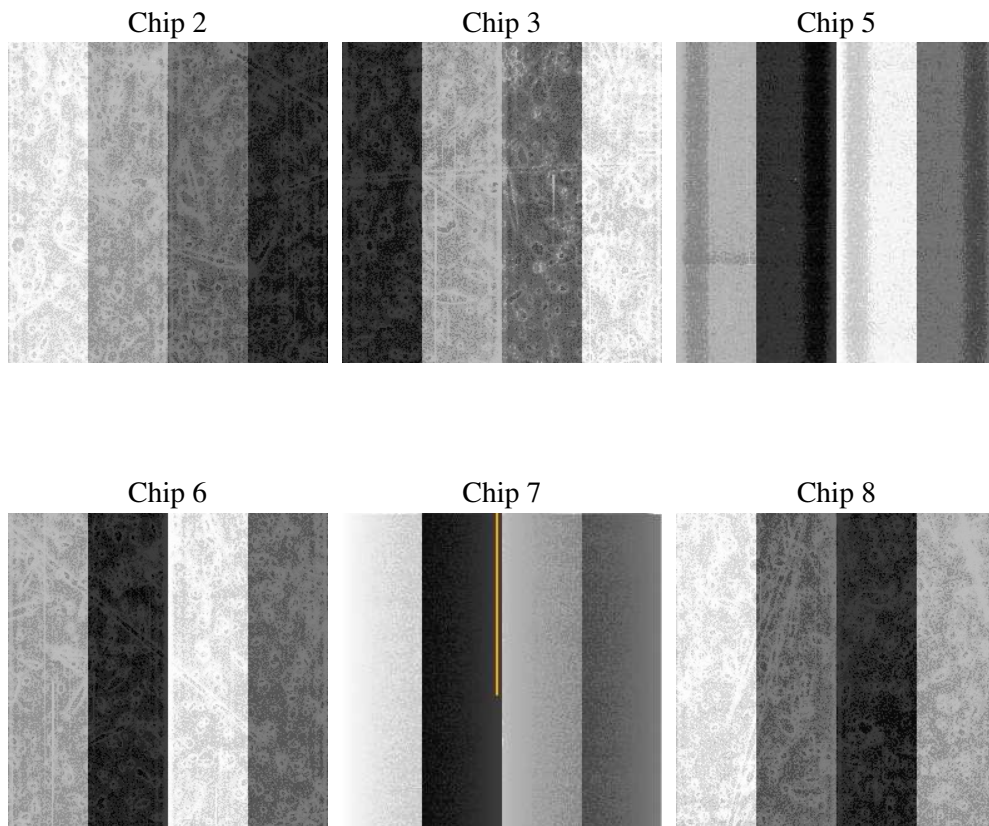
2 OBI

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	2007-06-01T03:49:32
revision	3

sched_exp_time	1000.000000
ontime	1196.8000011146
ontime2	1196.8000011146
ontime3	1196.8000011146
ontime5	1196.8000011146
ontime6	1196.8000011146
ontime7	1196.8000011146
ontime8	1196.8000011146
l1events	24381

2.1.4 Events

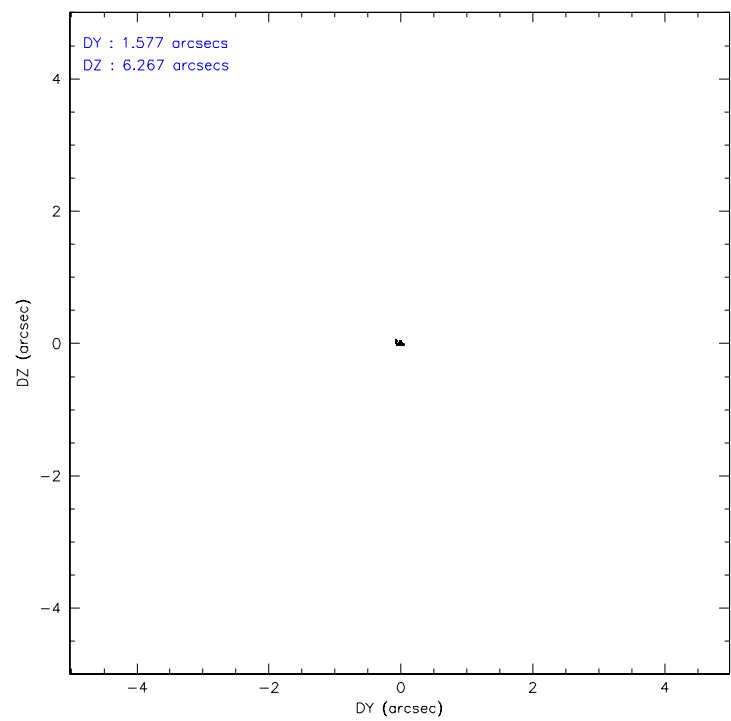
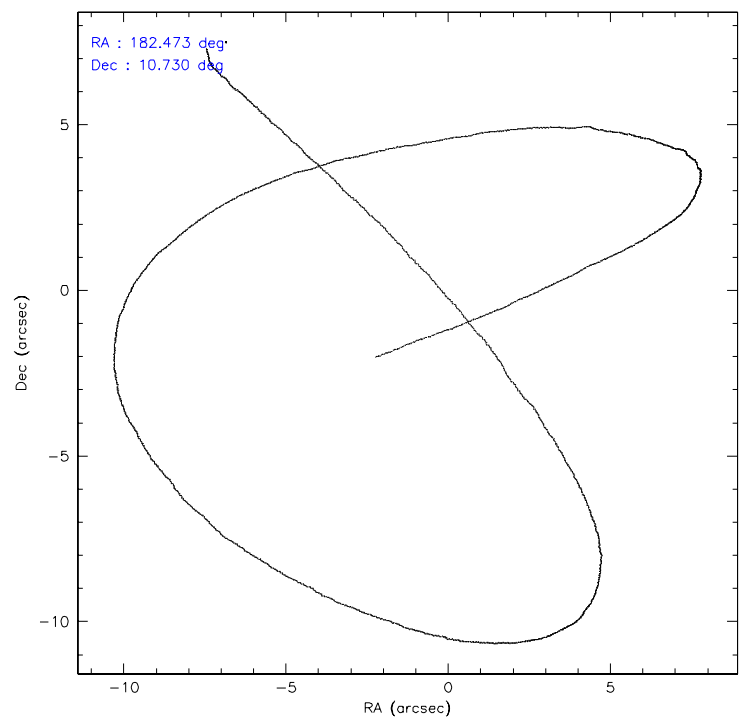
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	6271	4787	1414	4821	800	6288
rejected events	6088	4616	428	4621	249	5240
rejected %	97%	96%	30%	95%	31%	83%

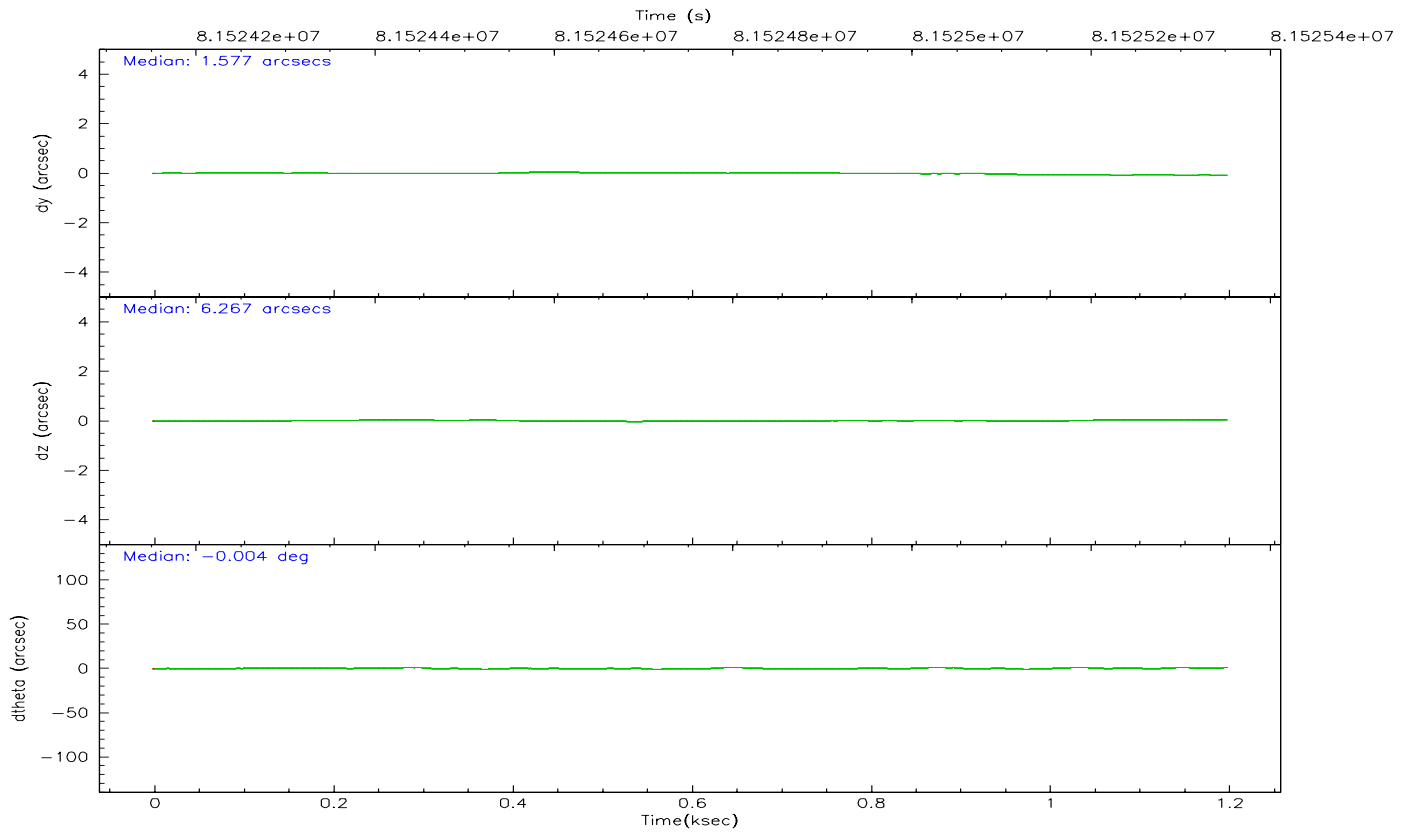
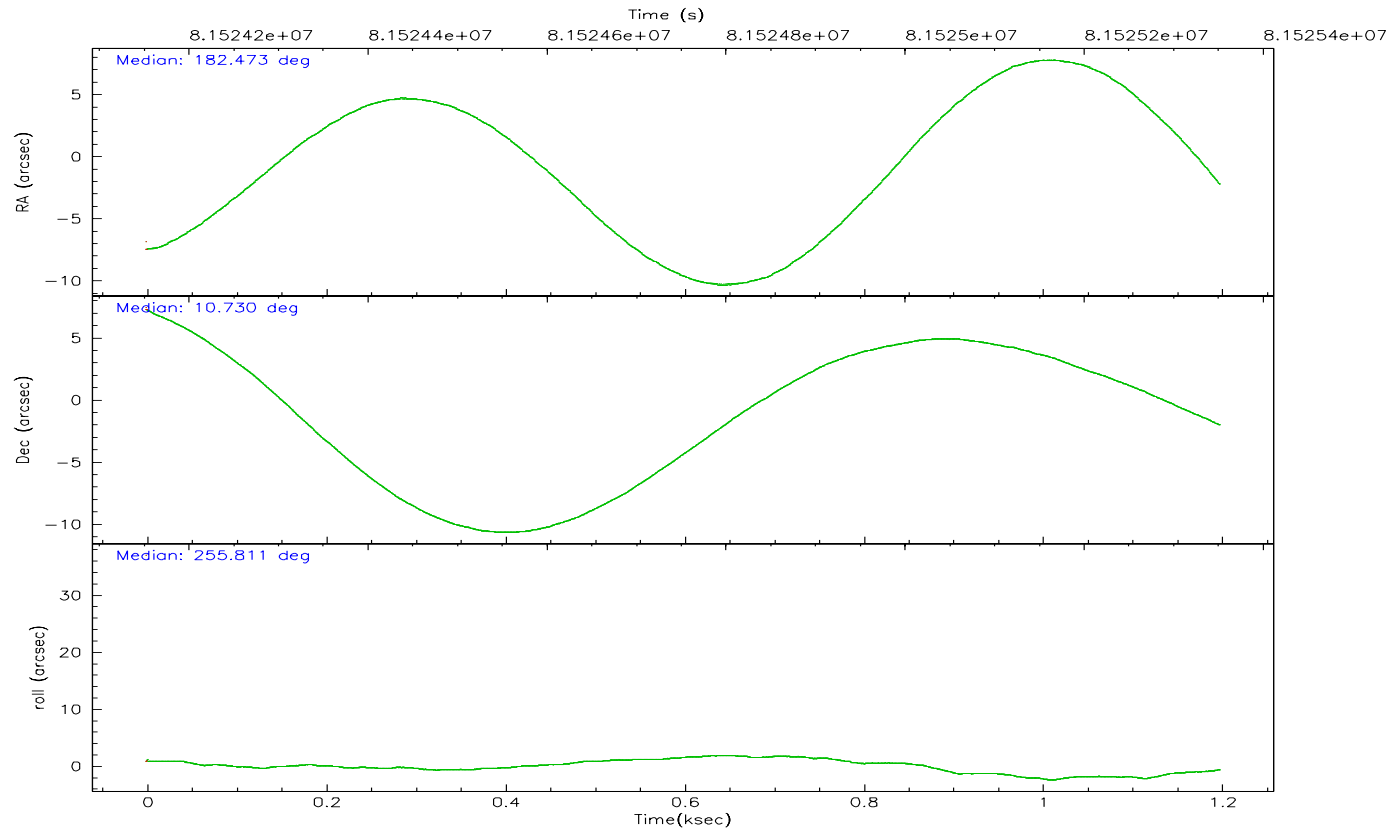
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	95	115	687	122	221	392
	1%	2%	48%	2%	27%	6%
grade 1 events	3	0	11	4	2	3
	0%	0%	0%	0%	0%	0%
grade 2 events	57	23	346	53	218	255
	0%	0%	24%	1%	27%	4%
grade 3 events	37	31	76	36	80	194
	0%	0%	5%	0%	10%	3%
grade 4 events	32	35	80	39	79	162
	0%	0%	5%	0%	9%	2%
grade 5 events	1	2	36	3	19	25
	0%	0%	2%	0%	2%	0%
grade 6 events	20	7	54	7	79	349
	0%	0%	3%	0%	9%	5%
grade 7 events	6026	4574	124	4557	102	4908
	96%	95%	8%	94%	12%	78%

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	182.465018	182.4731046220707	Subarray requested	NONE	NONE
Pointing Dec	10.755460	10.72927340288798	Alternating exposures requested	N	N
Pointing Roll	255.665566	255.8206543858997	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	81524350.184000	81523974.32822099			
Observation start date	2000-08-01T13:38:06	2000-08-01T13:32:54			
Observation end time	81525350.184000	81525484.15327799			
Observation end date	2000-08-01T13:54:46	2000-08-01T13:58:04			
Read mode	TIMED	TIMED			

2.3 Aspect



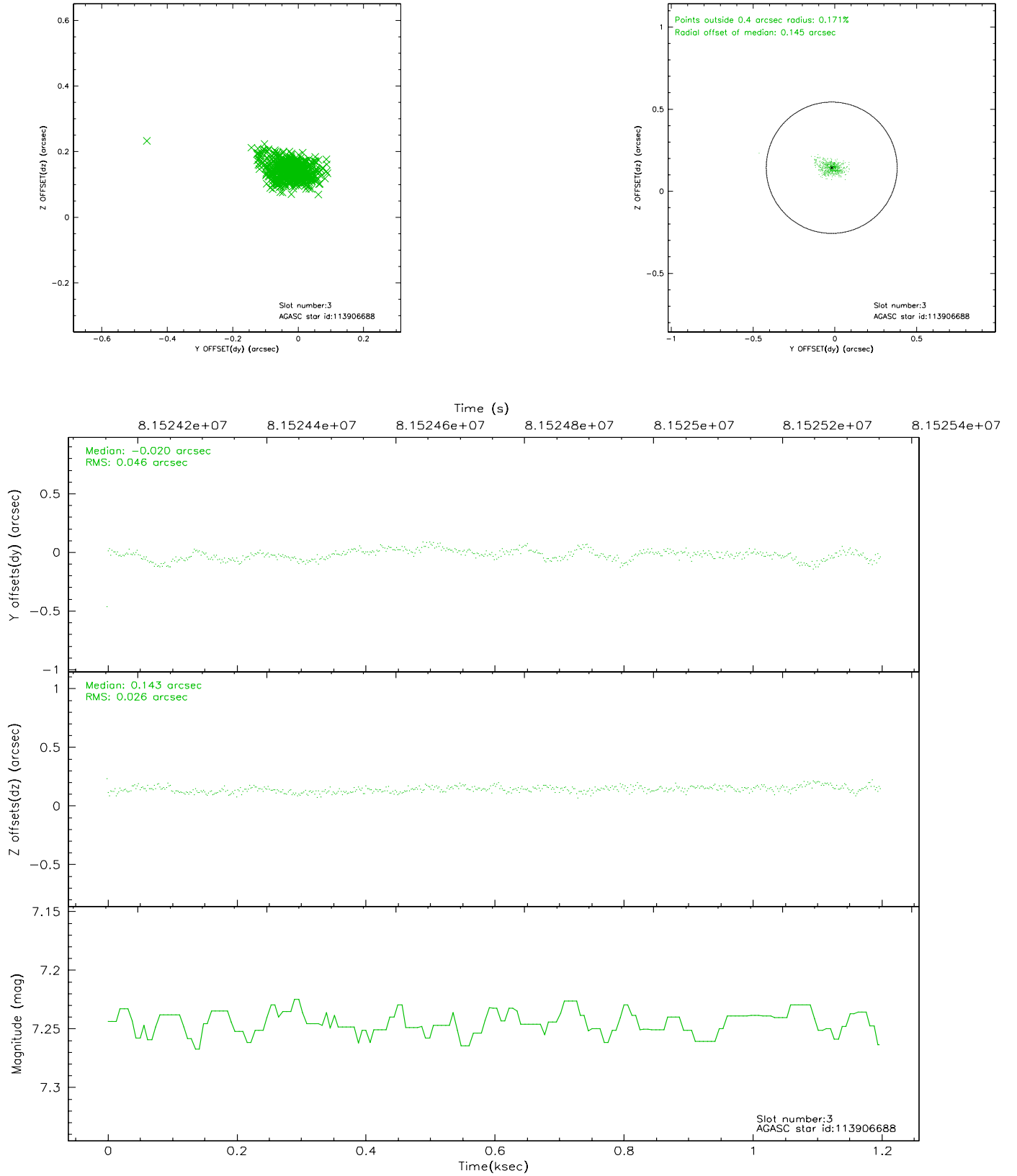


Slot Statistics

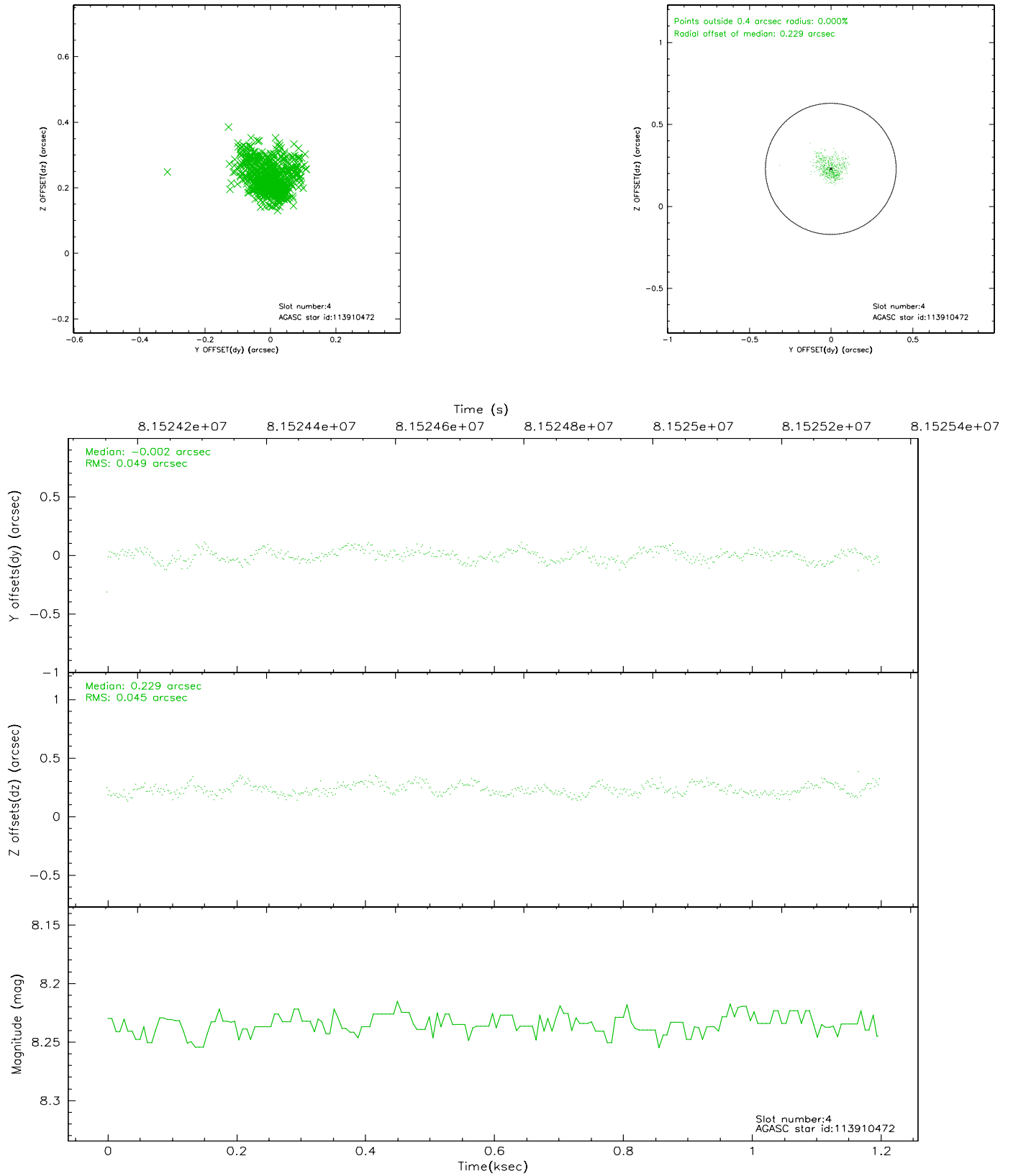
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	293	-0.020	0.037	0.007	0.010	0.000000	0.000000	-754.19	-1727.33
1	FID	ACIS-S-4	7.21	293	-0.068	0.000	0.004	0.008	0.000000	0.000000	2156.54	175.39
2	FID	ACIS-S-5	7.23	293	0.058	-0.028	0.006	0.010	0.000000	0.000000	-1799.79	175.34
3	GUIDE	113906688	7.25	586	-0.020	0.143	0.051	0.095	183.194115	11.111362	-1881.07	2176.11
4	GUIDE	113910472	8.23	586	-0.002	0.229	0.071	0.114	182.994765	11.292167	-2338.67	1335.63
5	GUIDE	113910736	8.48	585	0.139	-0.019	0.065	0.104	181.816666	10.531380	1345.39	-2022.87
6	GUIDE	113908584	8.59	586	-0.178	-0.448	0.084	0.136	182.320674	11.291738	-1740.74	-977.14
7	GUIDE	113908616	8.68	585	0.059	0.094	0.067	0.105	182.402585	11.211583	-1537.75	-623.17

2.4 Star Slots

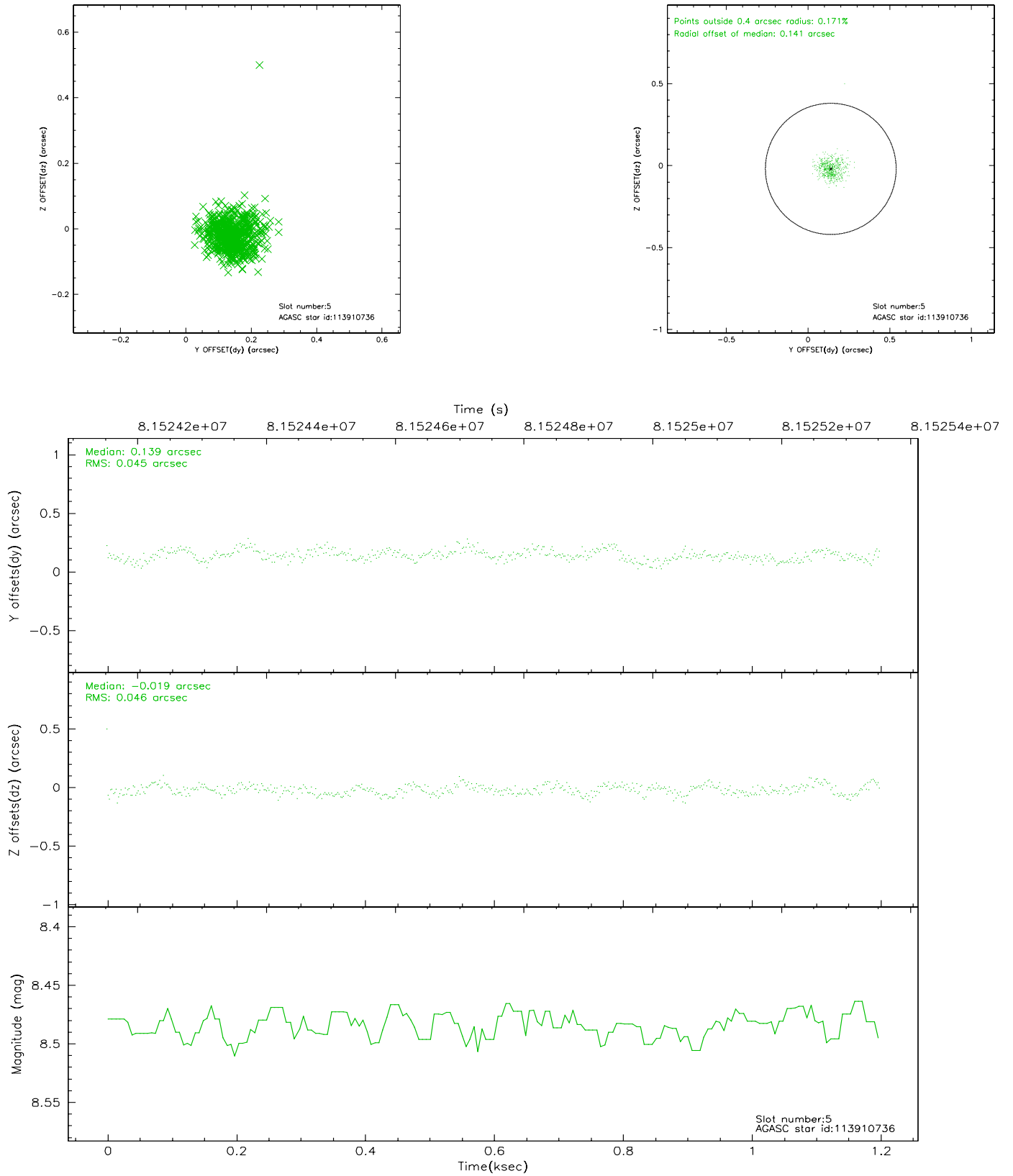
2.4.1 Slot 3



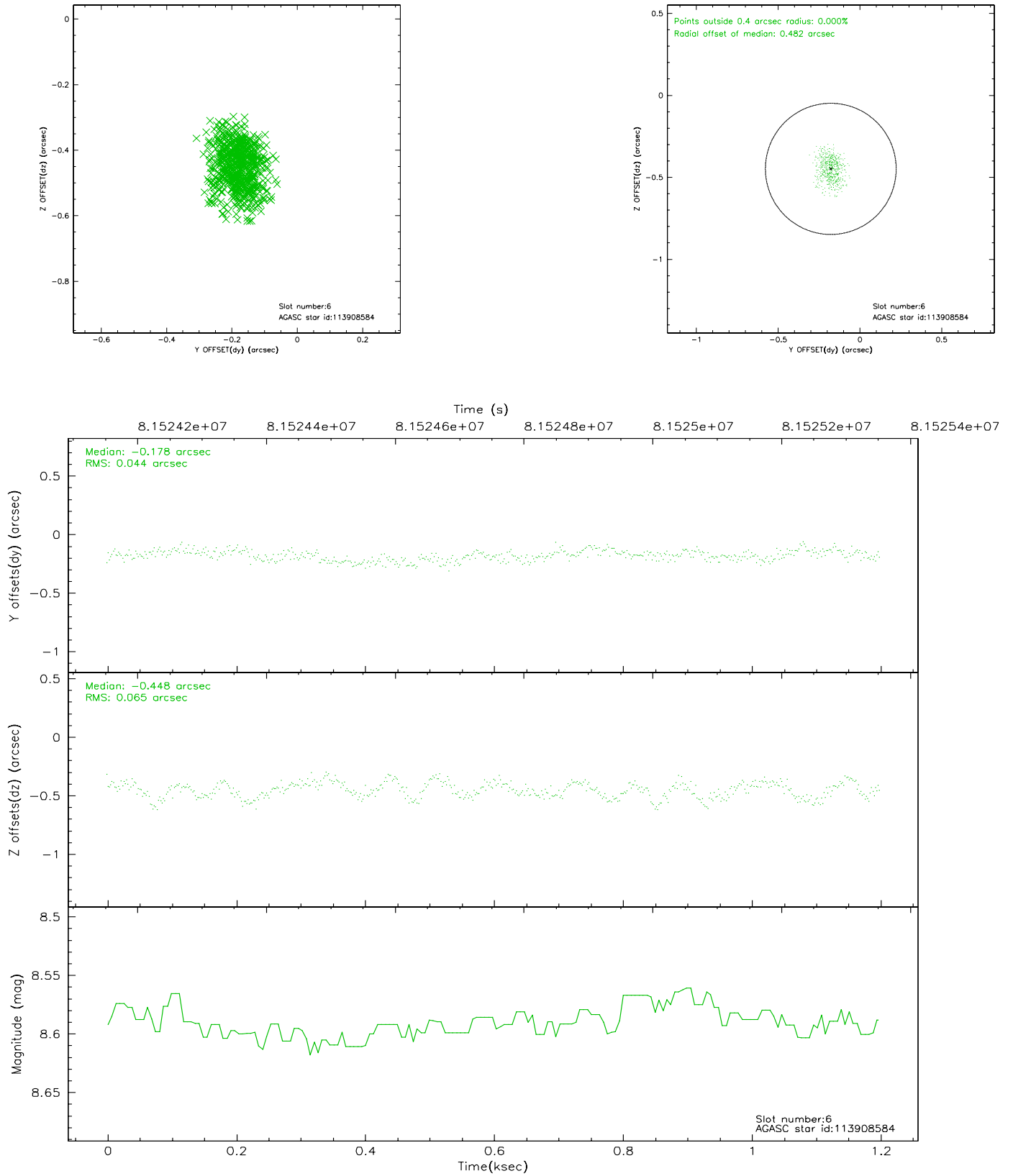
2.4.2 Slot 4



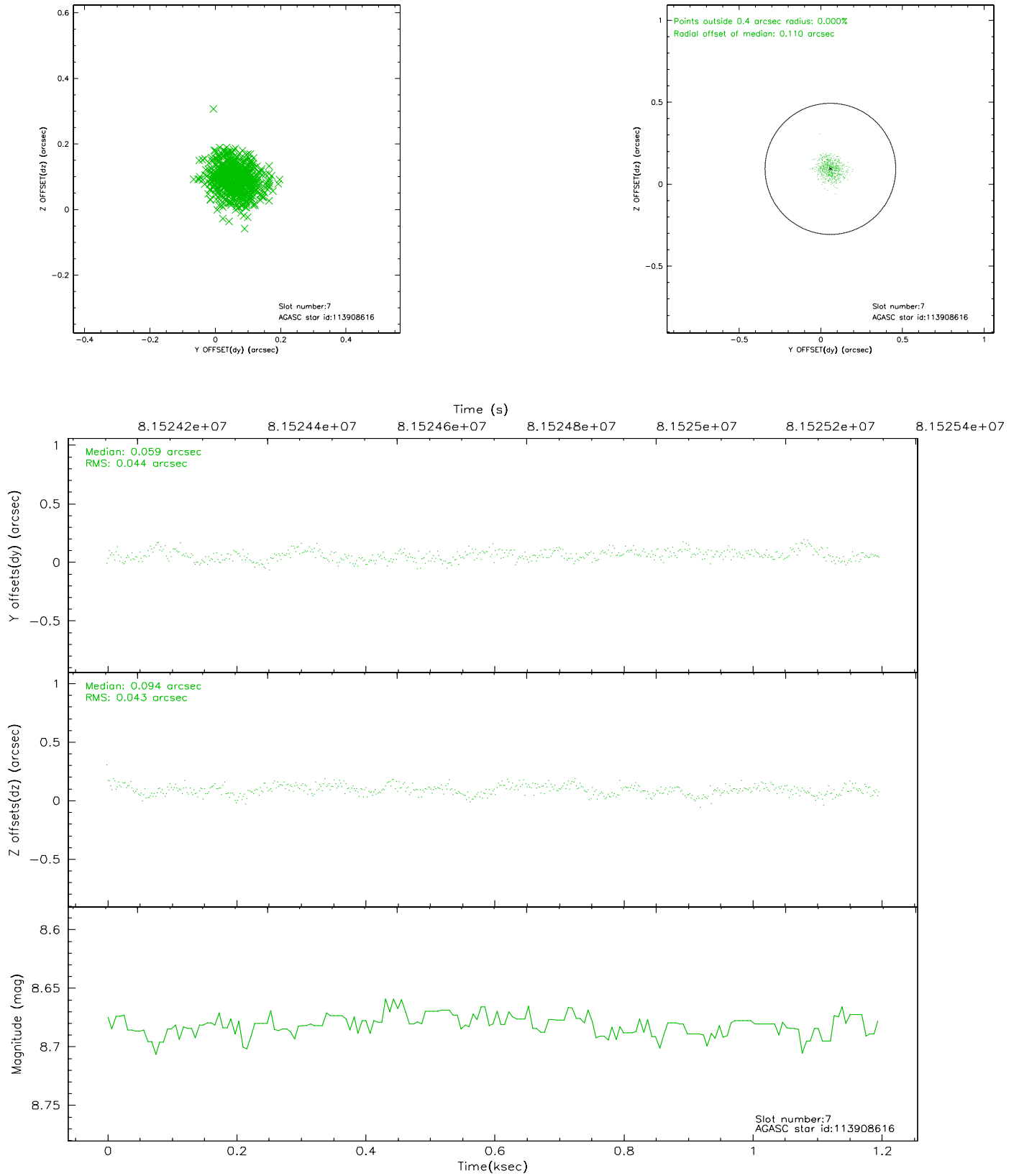
2.4.3 Slot 5



2.4.4 Slot 6

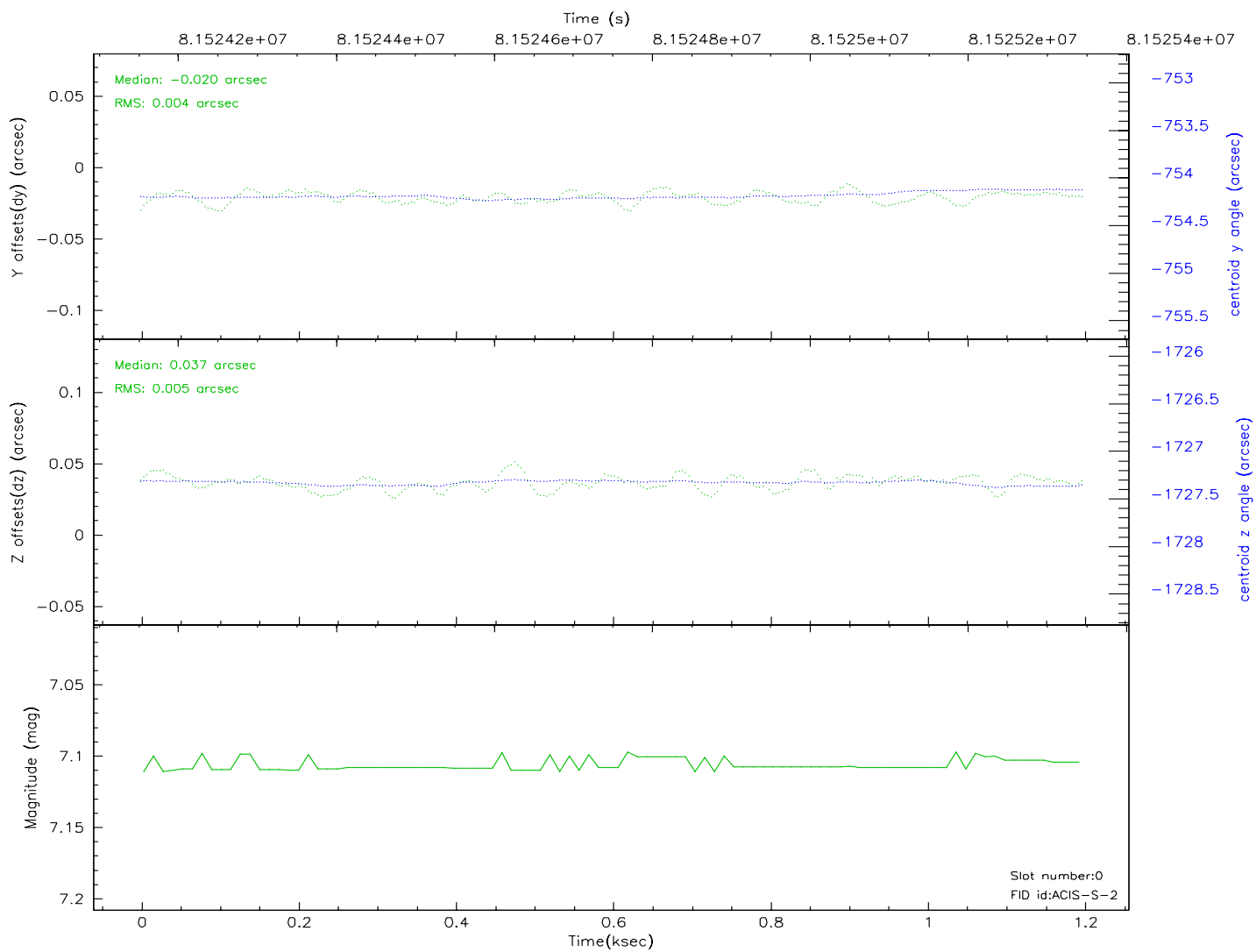
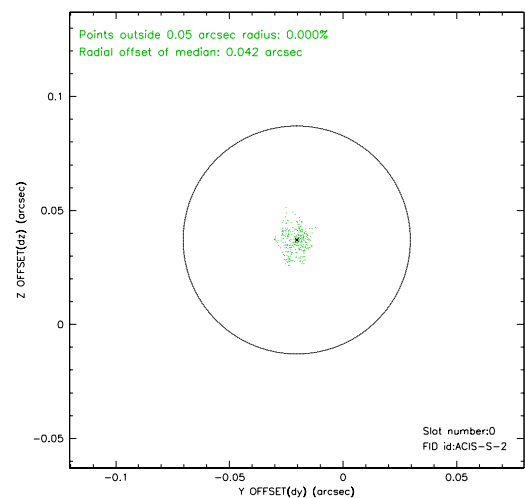
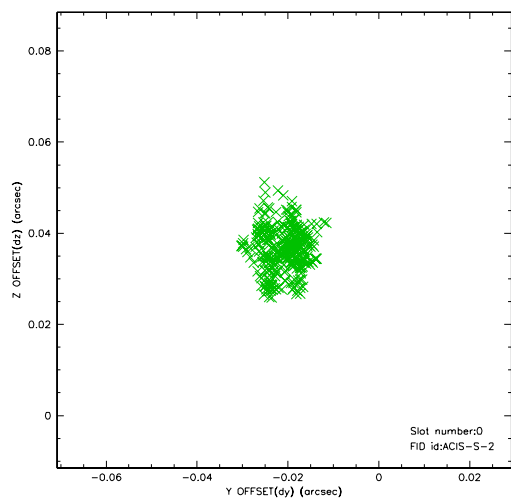


2.4.5 Slot 7

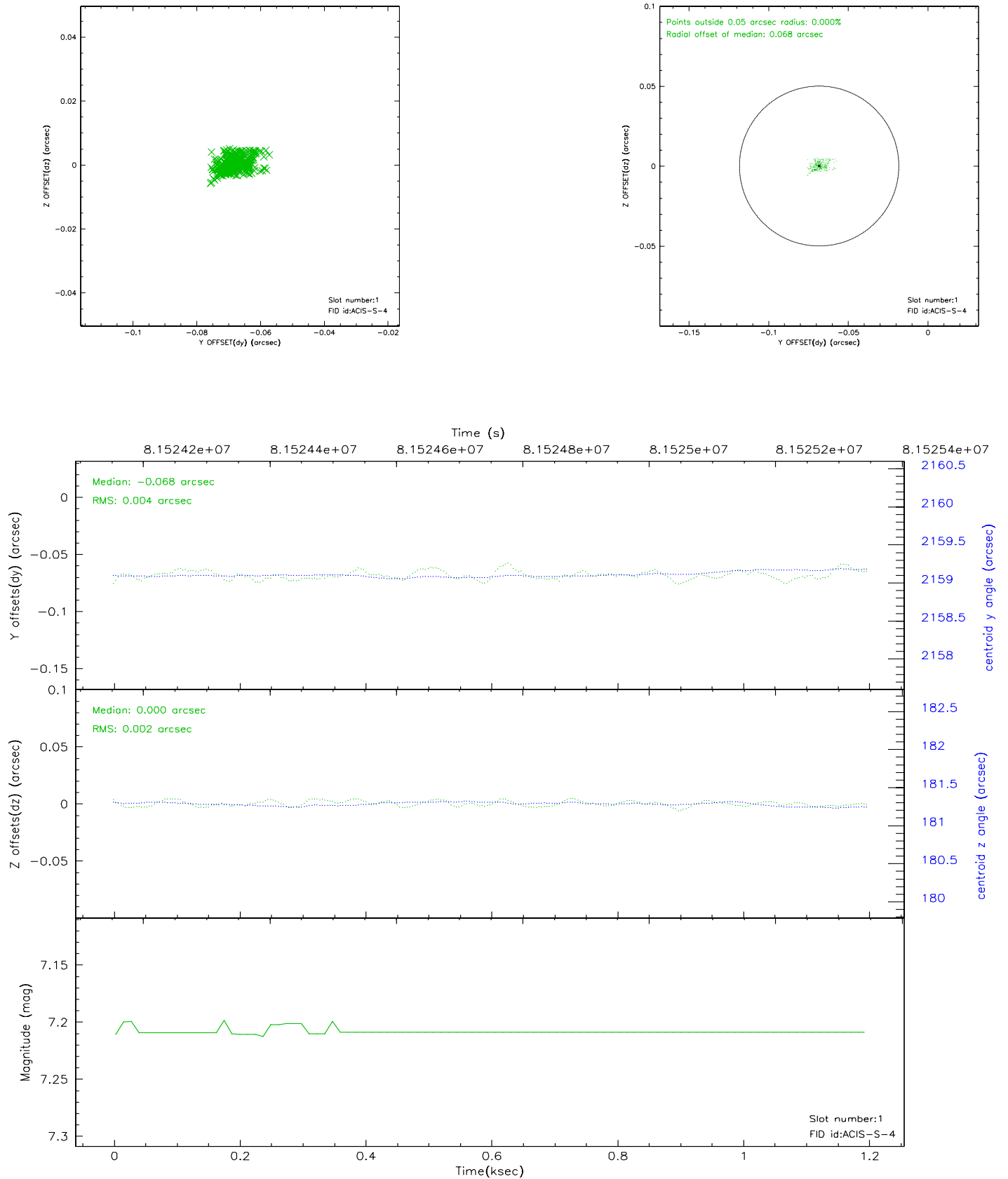


2.5 FID Slots

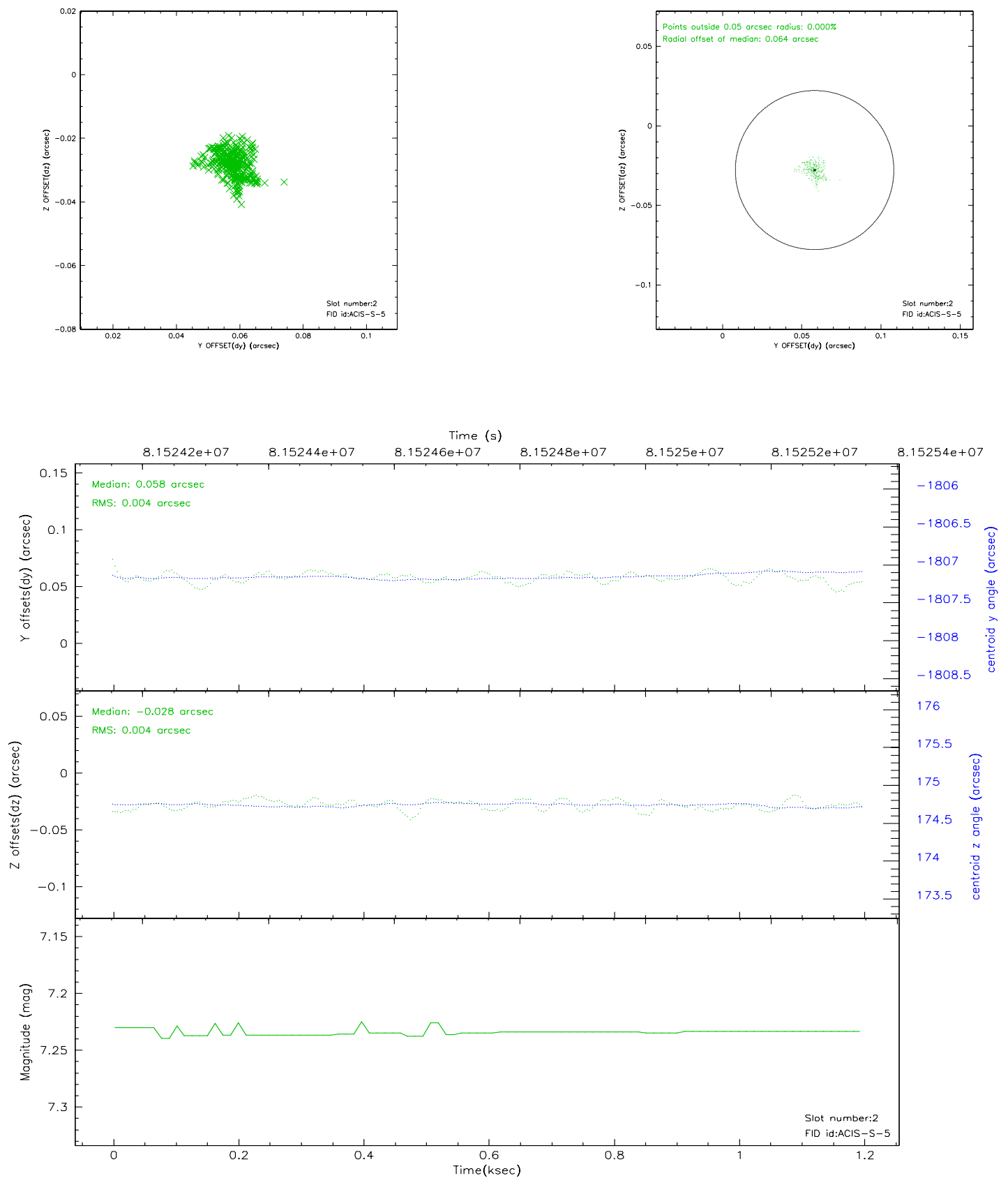
2.5.1 Slot 0



2.5.2 Slot 1

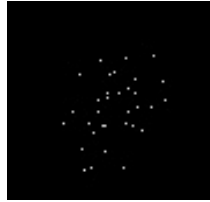


2.5.3 Slot 2



3 Point Sources

7.10 arcmin



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	1.196

A.2 Comments