

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 1833 - L2 Version 001
Chandra X-Ray Center

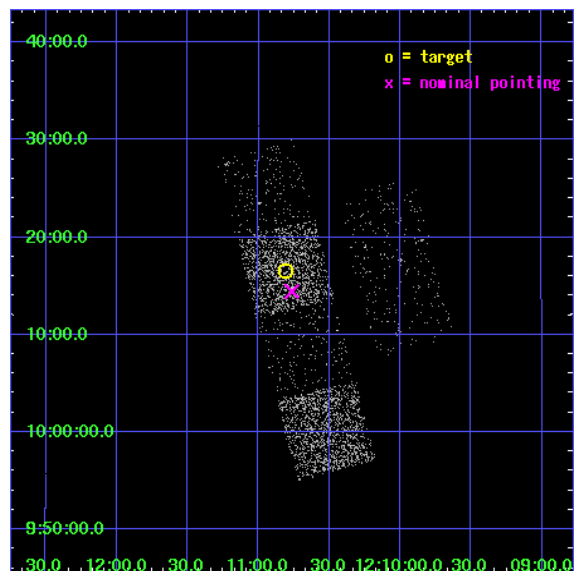
L2 Processing Date : Jun 1 2007

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1 Front

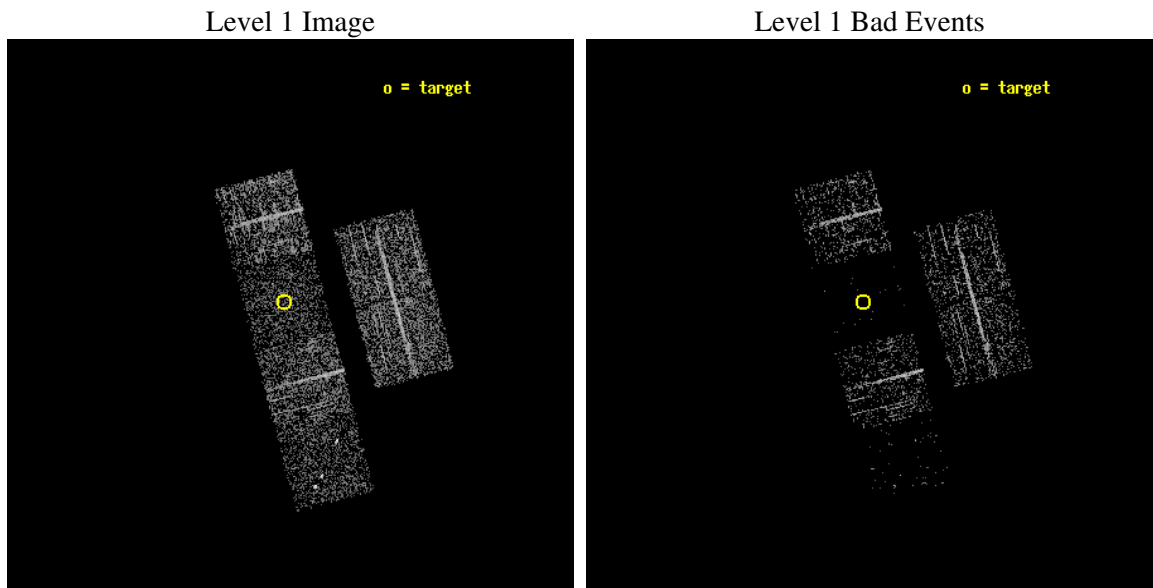
seq_num	100018
obs_id	1833
title	AXAF LOW ENERGY SPECTROSCOPY AND PHOTOMETRIC IMAGING OF COMETARY X-RAY EMISSION FROM COMET P/TEMPEL 2
observer	Dr. Carey Lisse
object	Comet c/LINEAR 1999 S4
dtcycle	0
cycle	P
ra_targ	182.7028
dec_targ	10.27657
ra_nom	182.69113018248
dec_nom	10.240754037896
roll_nom	255.47093578558
revision	3
ontime	1187.2000011057
livetime	1172.1669598456
ontime2	1187.2000011057
ontime3	1187.2000011057
ontime5	1187.2000011057
ontime6	1187.2000011057
ontime7	1187.2000011057
ontime8	1187.2000011057
l2events	3730



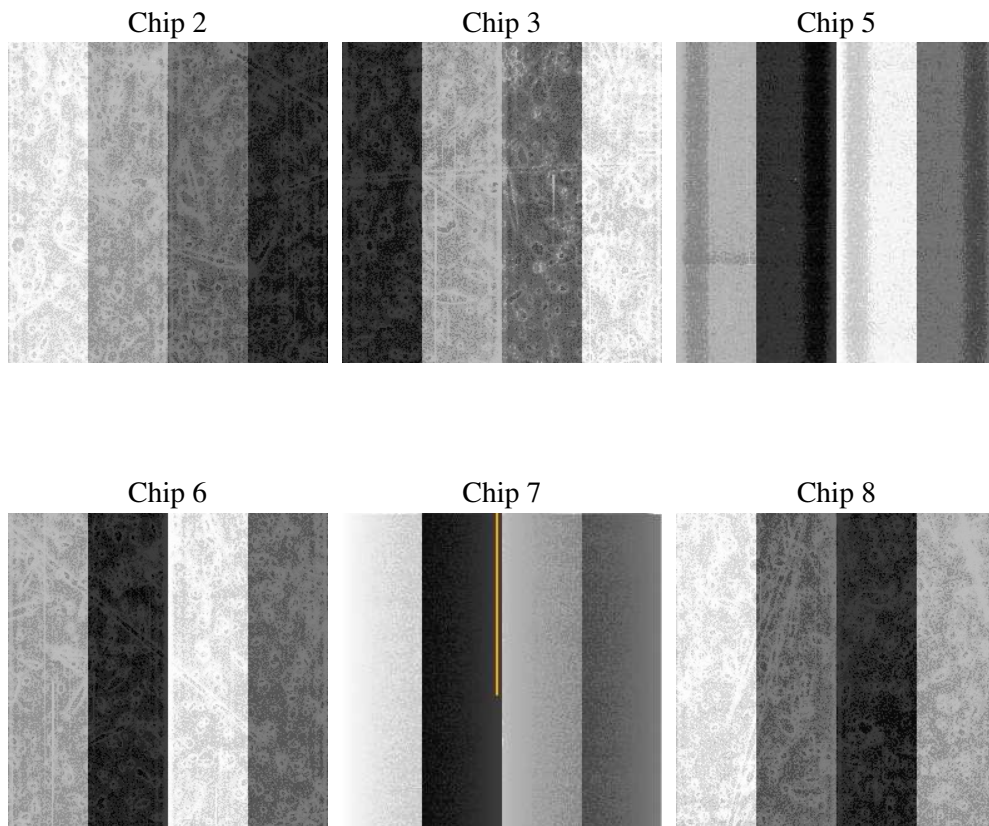
2 OBI

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	2007-06-01T04:56:06
revision	3

sched_exp_time	1270.000000
ontime	1187.2000011057
ontime2	1187.2000011057
ontime3	1187.2000011057
ontime5	1187.2000011057
ontime6	1187.2000011057
ontime7	1187.2000011057
ontime8	1187.2000011057
l1events	27562

2.1.4 Events

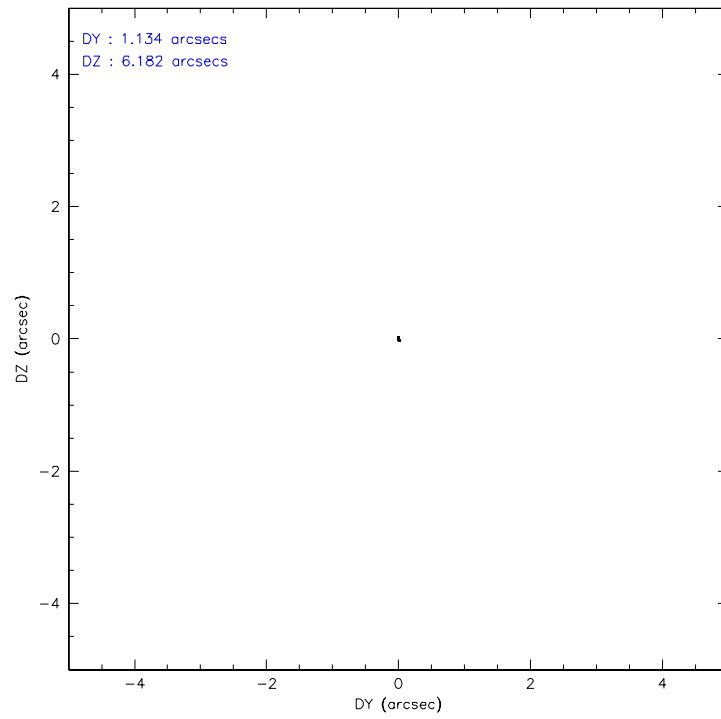
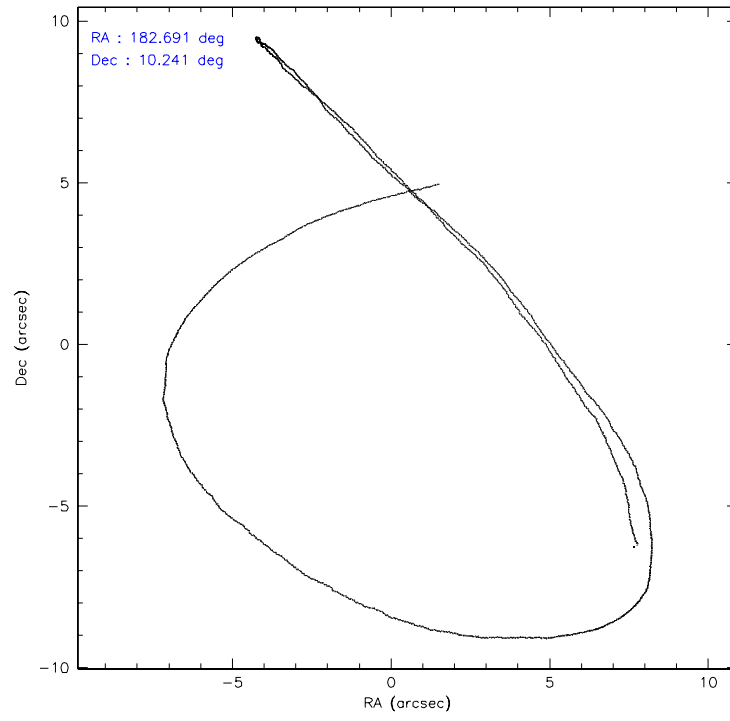
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	5720	5667	2660	5121	2133	6261
rejected events	5513	5482	701	4879	483	5368
rejected %	96%	96%	26%	95%	22%	85%

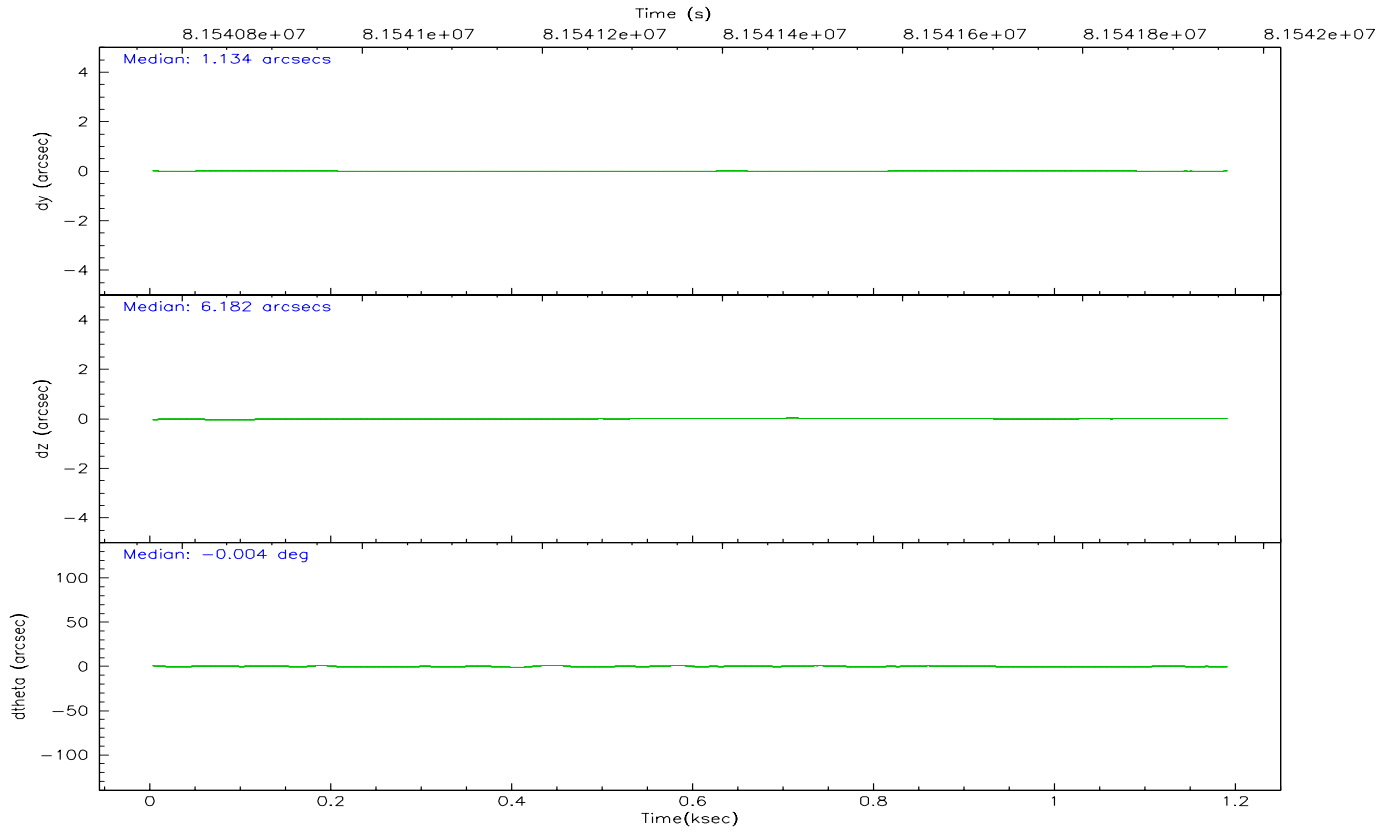
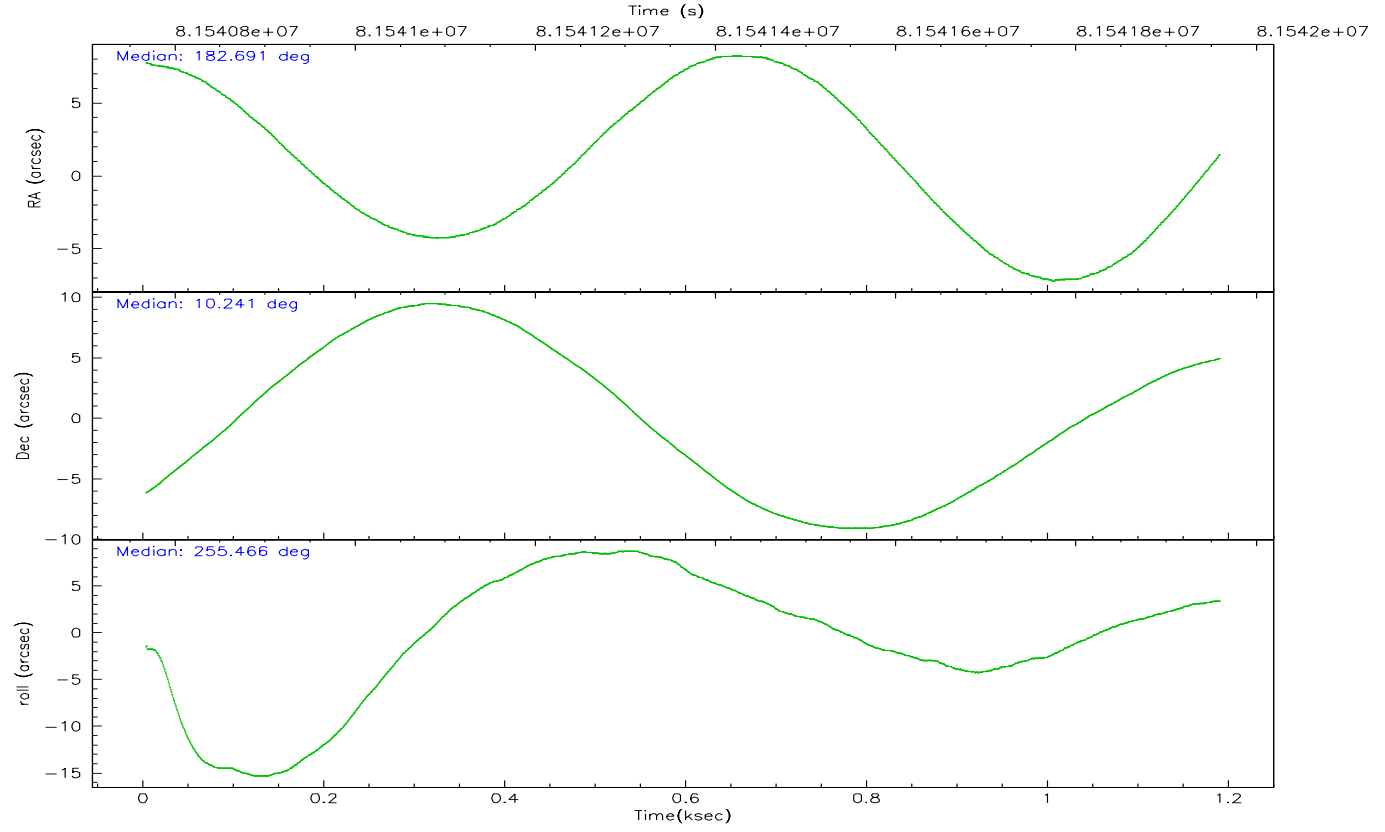
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	116	140	1114	161	616	378
	2%	2%	41%	3%	28%	6%
grade 1 events	1	3	16	3	3	6
	0%	0%	0%	0%	0%	0%
grade 2 events	50	22	663	40	529	216
	0%	0%	24%	0%	24%	3%
grade 3 events	36	32	185	35	231	137
	0%	0%	6%	0%	10%	2%
grade 4 events	26	31	189	34	232	111
	0%	0%	7%	0%	10%	1%
grade 5 events	4	4	46	1	21	18
	0%	0%	1%	0%	0%	0%
grade 6 events	24	14	238	14	368	305
	0%	0%	8%	0%	17%	4%
grade 7 events	5463	5421	209	4833	133	5090
	95%	95%	7%	94%	6%	81%

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	182.683790	182.6911301824809	Subarray requested	NONE	NONE
Pointing Dec	10.266997	10.24075403789642	Alternating exposures requested	N	N
Pointing Roll	255.315697	255.470935785582	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	81540690.184000	81540584.453839			
Observation start date	2000-08-01T18:10:26	2000-08-01T18:09:44			
Observation end time	81541960.184000	81542094.27889501			
Observation end date	2000-08-01T18:31:36	2000-08-01T18:34:54			
Read mode	TIMED	TIMED			

2.3 Aspect



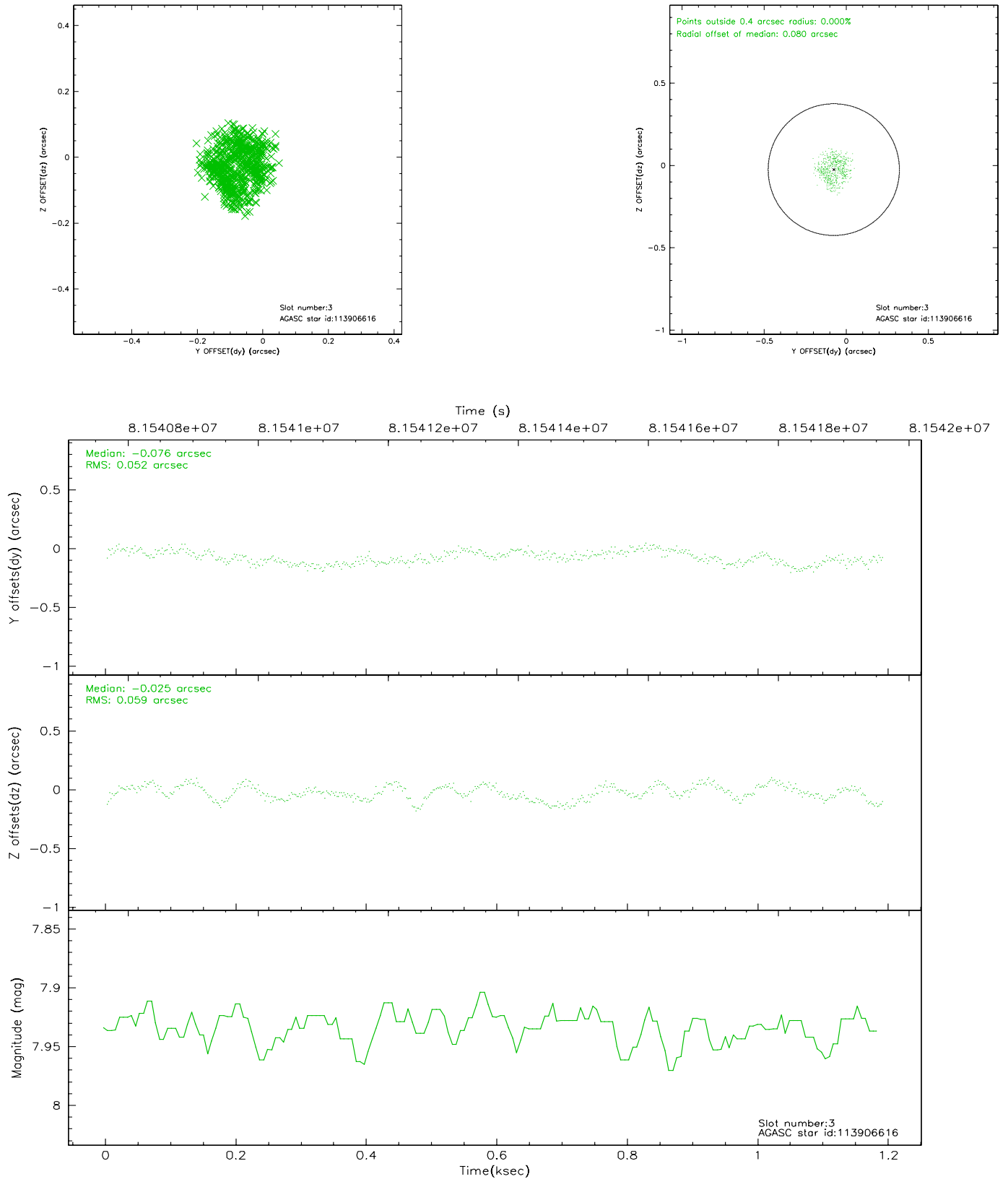


Slot Statistics

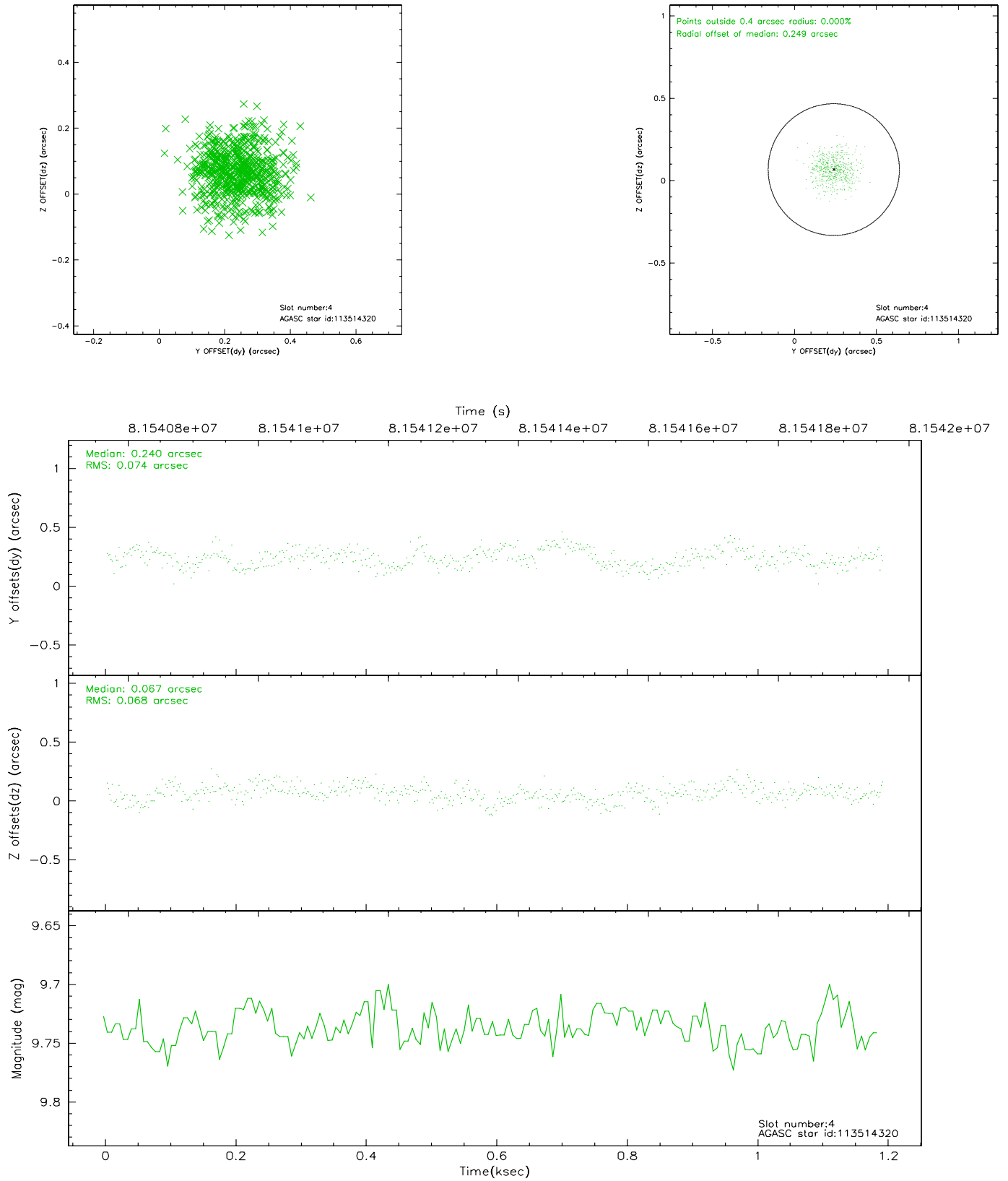
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	290	-0.033	0.019	0.006	0.010	0.000000	0.000000	-753.75	-1727.26
1	FID	ACIS-S-4	7.21	290	-0.034	0.011	0.005	0.008	0.000000	0.000000	2156.99	175.44
2	FID	ACIS-S-5	7.24	290	0.036	-0.022	0.006	0.010	0.000000	0.000000	-1799.30	175.44
3	GUIDE	113906616	7.93	581	-0.076	-0.025	0.085	0.122	183.239714	10.037718	298.30	2115.34
4	GUIDE	113514320	9.74	581	0.240	0.067	0.111	0.168	183.030216	9.556614	2163.26	1841.83
5	GUIDE	113909952	9.85	581	0.050	-0.114	0.091	0.146	182.703120	10.082649	629.50	237.66
6	GUIDE	113910808	10.20	581	-0.093	0.139	0.169	0.284	183.289541	10.594003	-1682.20	1775.06
7	GUIDE	113910864	6.19	580	-0.109	-0.058	0.078	0.130	183.358076	10.262342	-593.80	2317.12

2.4 Star Slots

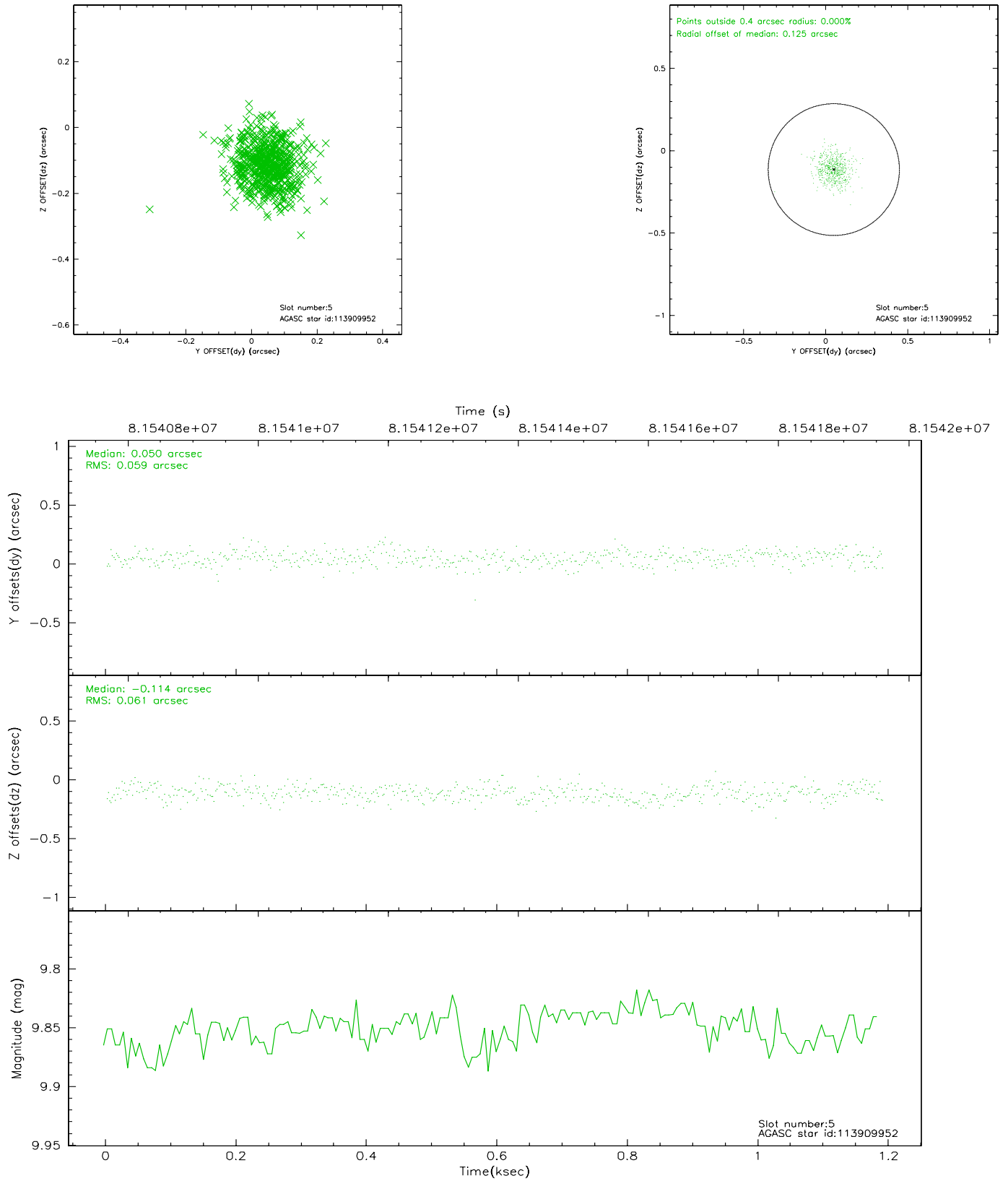
2.4.1 Slot 3



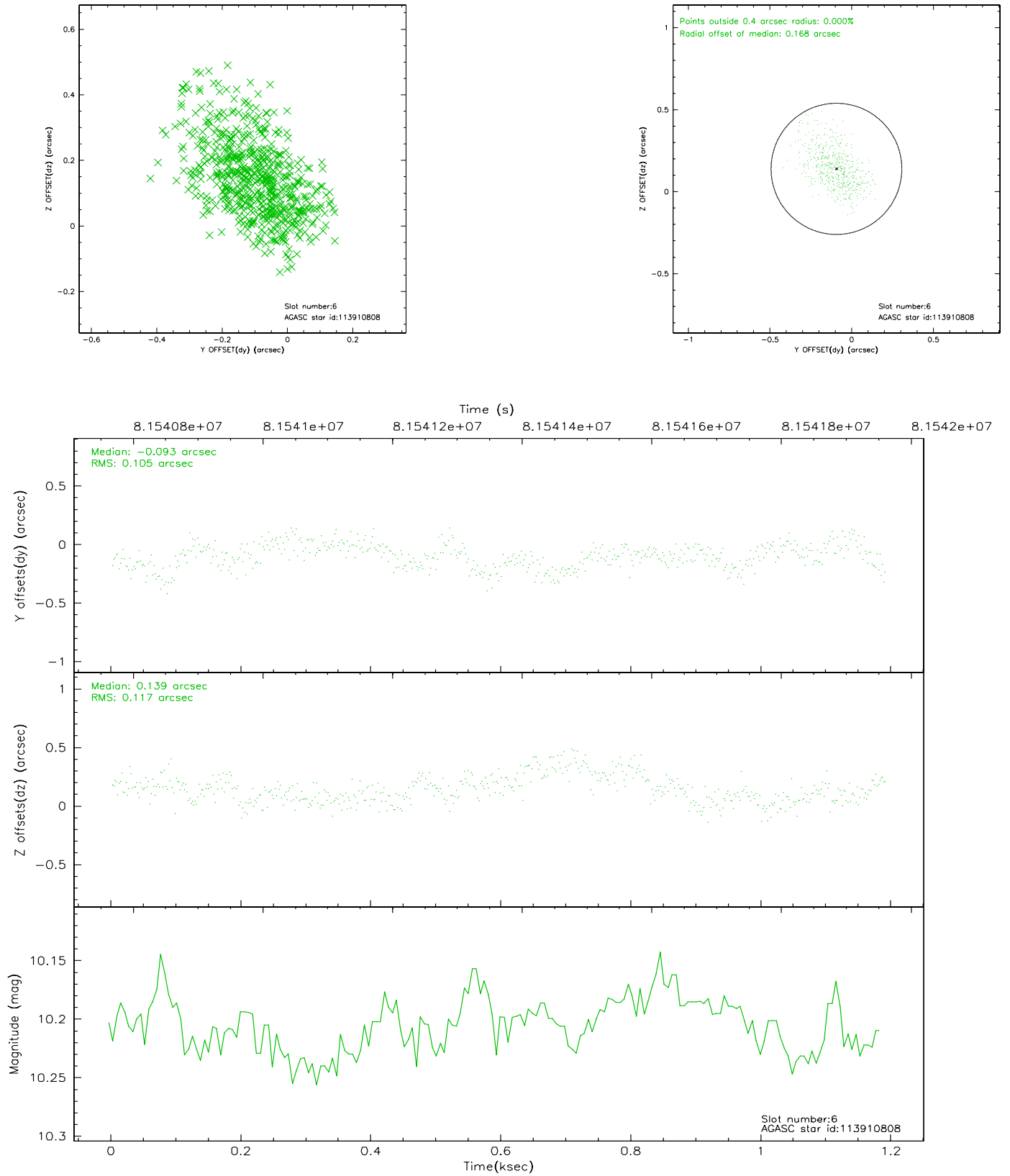
2.4.2 Slot 4



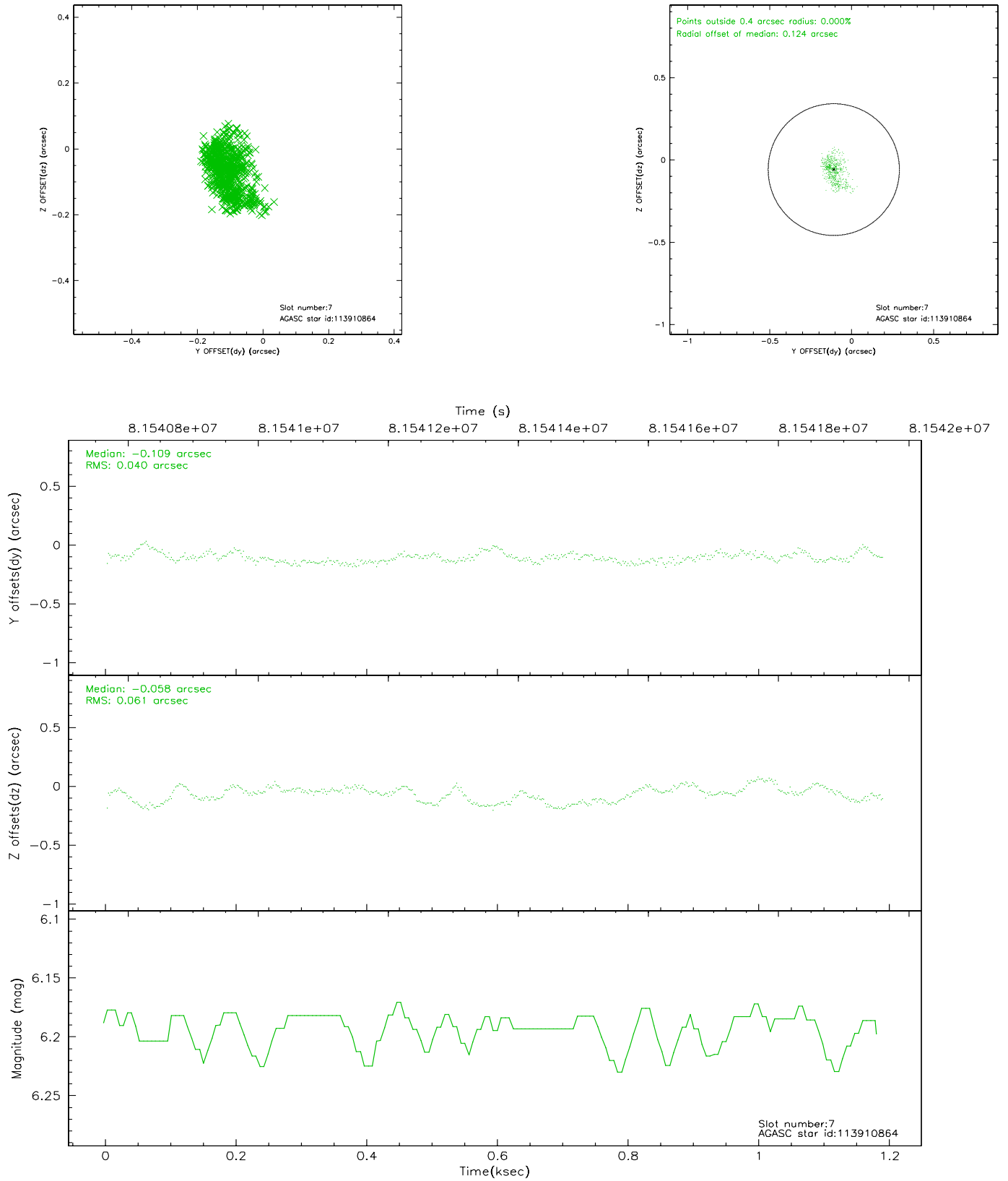
2.4.3 Slot 5



2.4.4 Slot 6

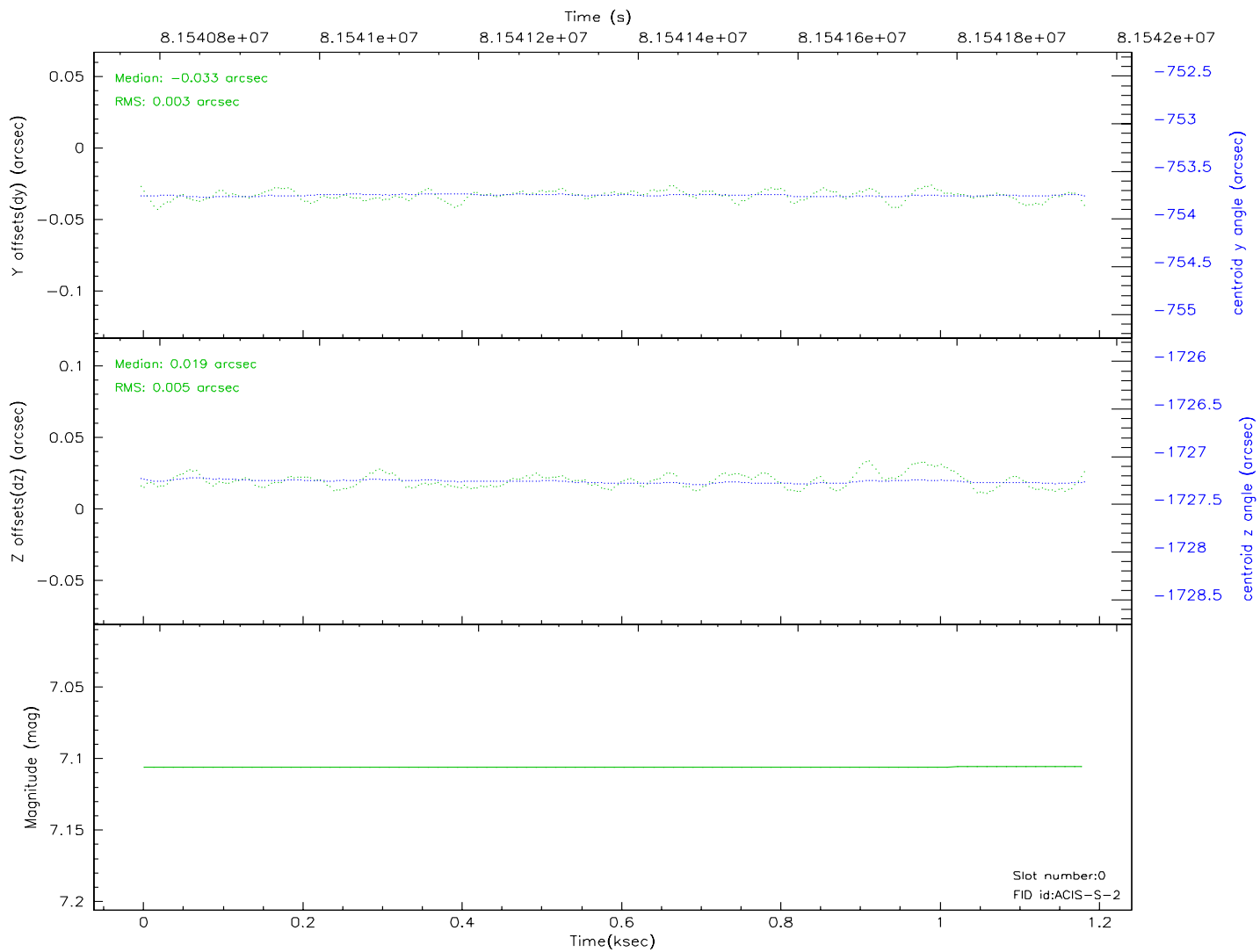
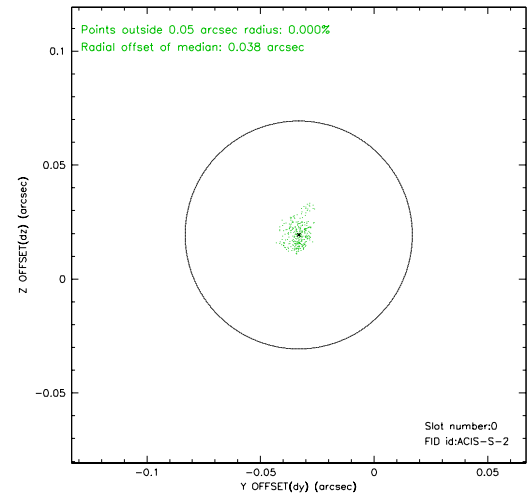
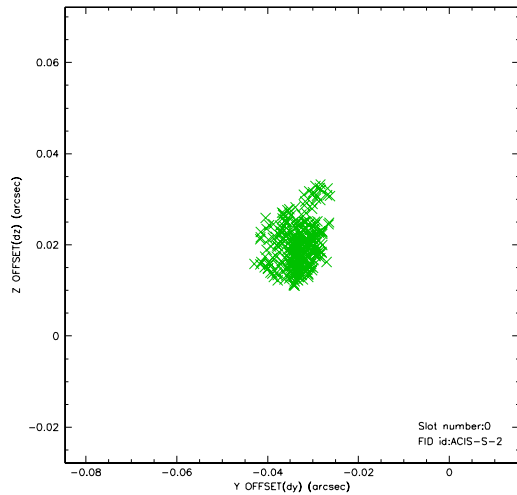


2.4.5 Slot 7

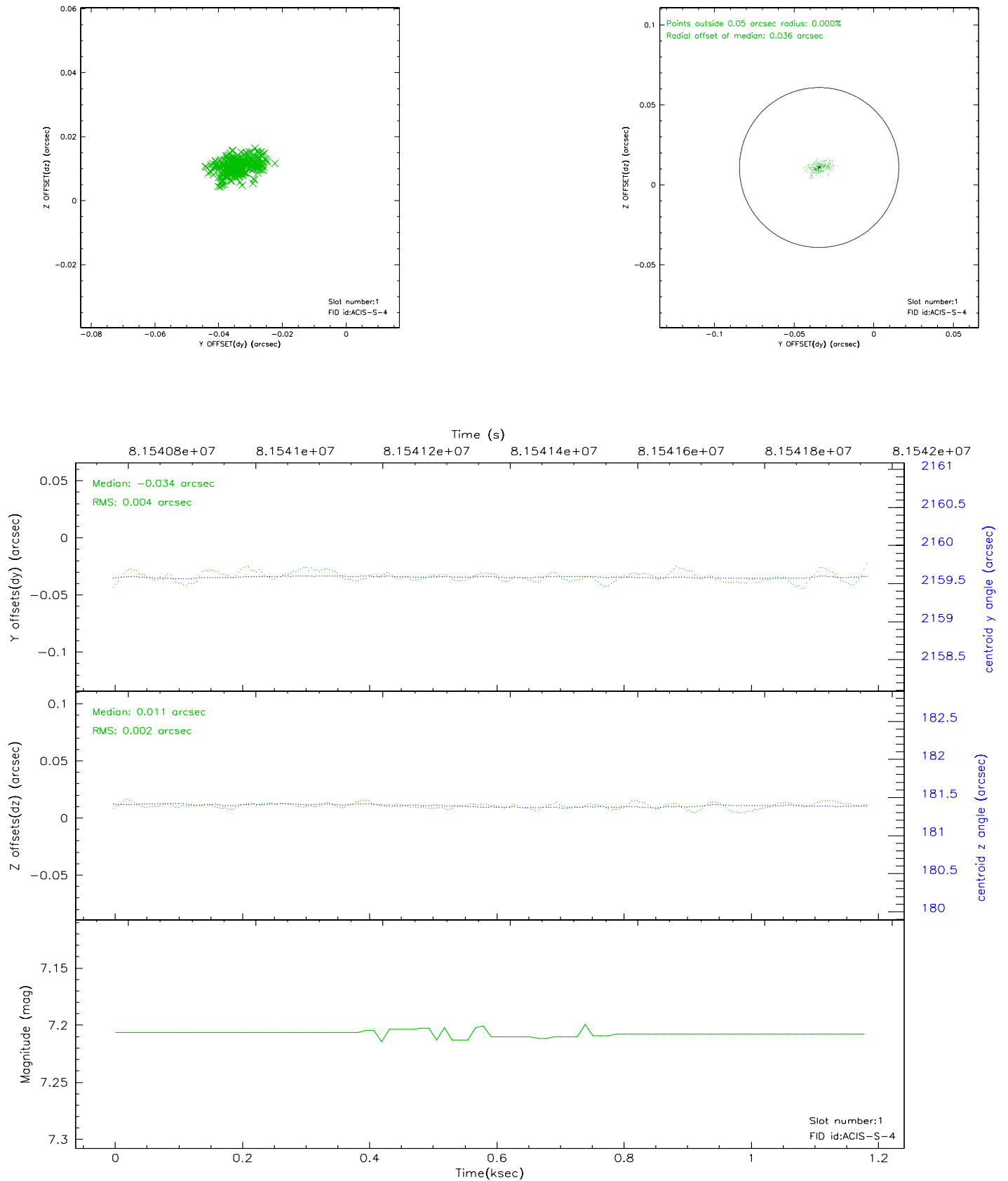


2.5 FID Slots

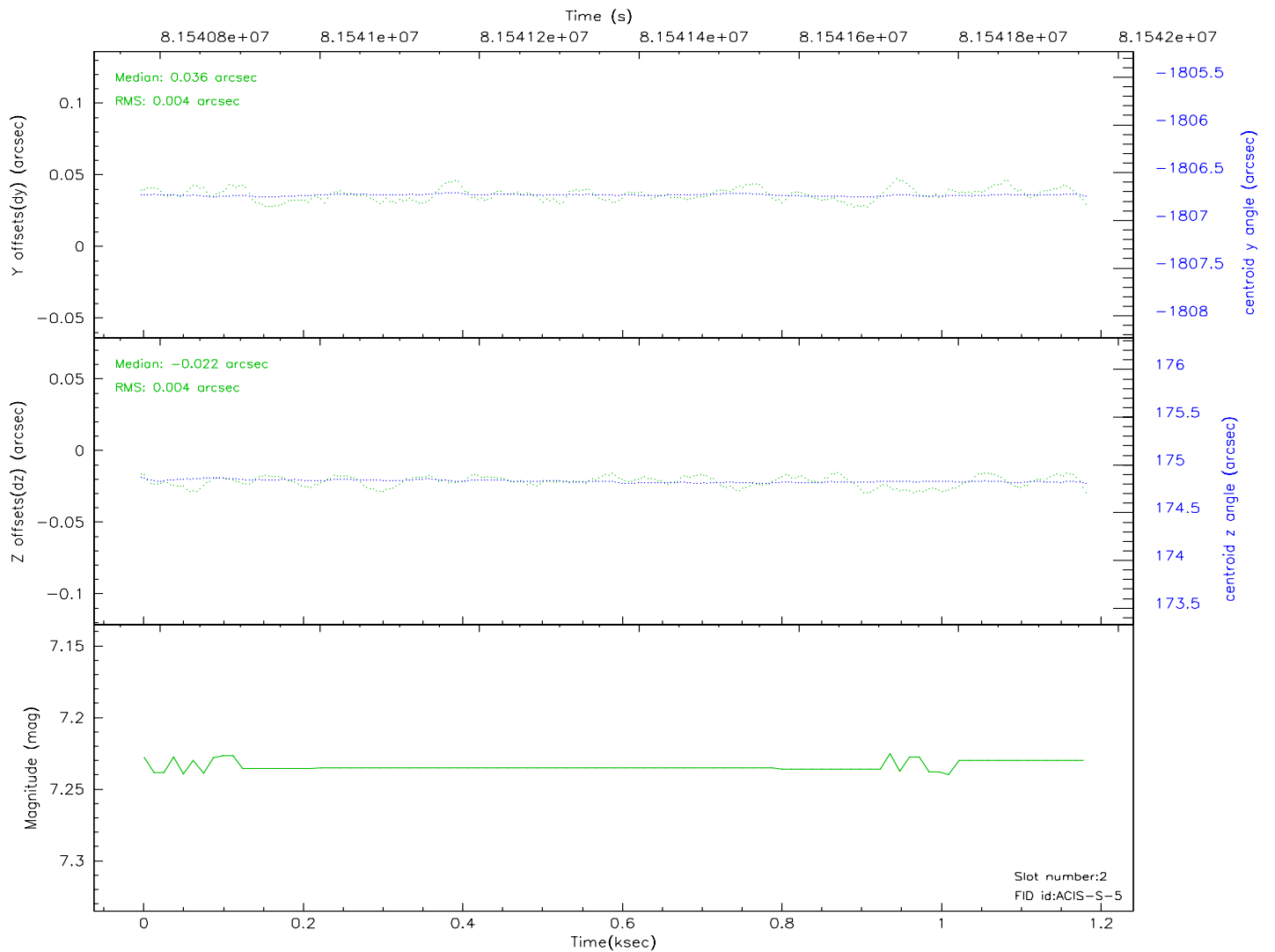
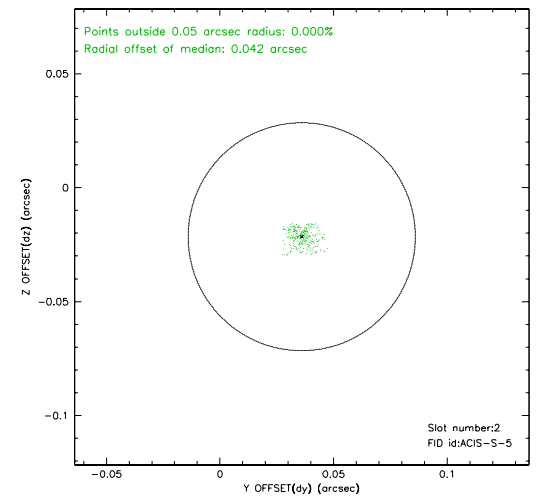
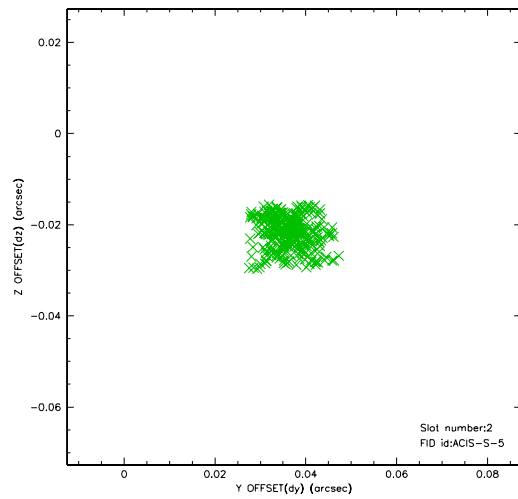
2.5.1 Slot 0



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)	2007.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.187

A.2 Comments