

V&V Reference Report

L2 ASCDS Version : 7.6.7.1

Observation 6339 - L2 Version 002
Chandra X-Ray Center

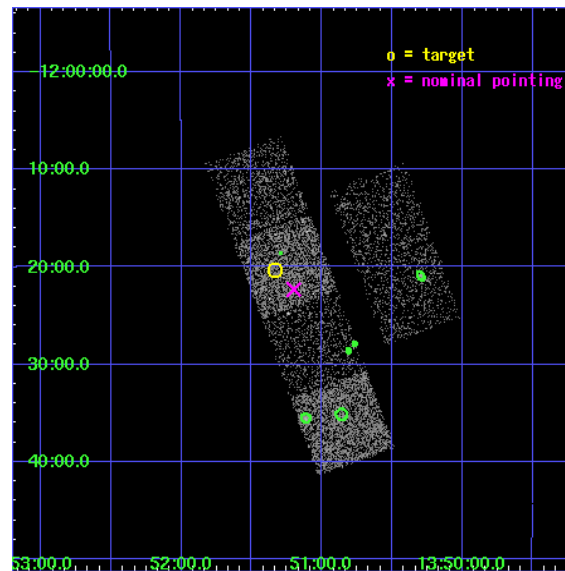
L2 Processing Date : Mar 14 2006

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1 Front

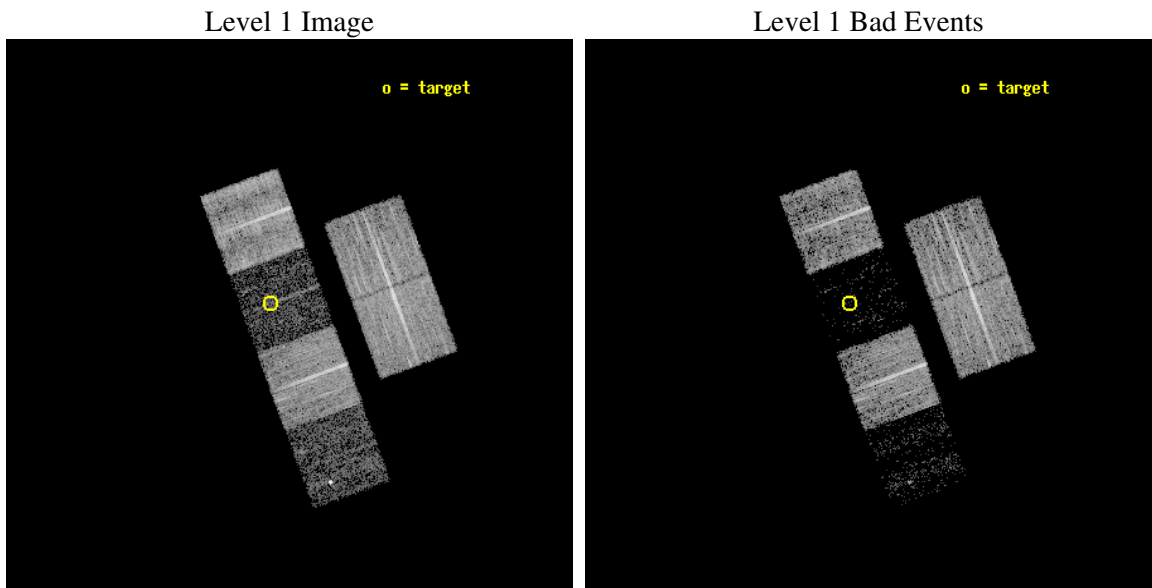
seq_num	100056
obs_id	6339
title	Comet 9P/Tempel 1 During the Deep Impact Encounter
observer	Dr. Carey Lisse
object	9P/Tempel 1
dtcycle	0
cycle	P
ra_targ	207.832761
dec_targ	-12.338324
ra_nom	207.79991675598
dec_nom	-12.372125230058
roll_nom	249.75106431135
revision	2
ontime	8534.3999682069
livetime	8426.3322570107
ontime2	8534.3999682069
ontime3	8534.3999682069
ontime5	8534.3999682069
ontime6	8534.3999682069
ontime7	8534.3999682069
ontime8	8534.3999682069
l2events	12546



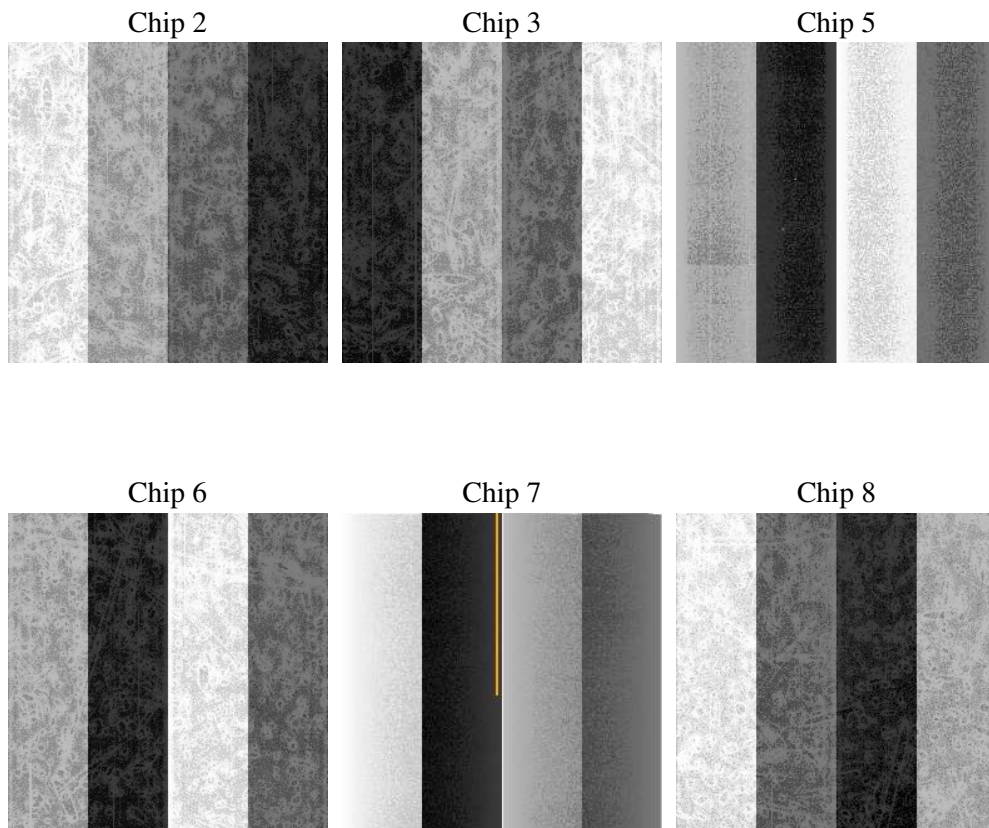
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.7.1
caldsver	3.2.1
date	2006-03-14T14:33:15
revision	2

sched_exp_time	8350.000000
ontime	9236.8642223775
ontime2	9236.8642223775
ontime3	9236.8642223775
ontime5	9236.8642223775
ontime6	9236.8642223775
ontime7	9236.8642223775
ontime8	9236.8642223775
l1events	176888

2.1.4 Events

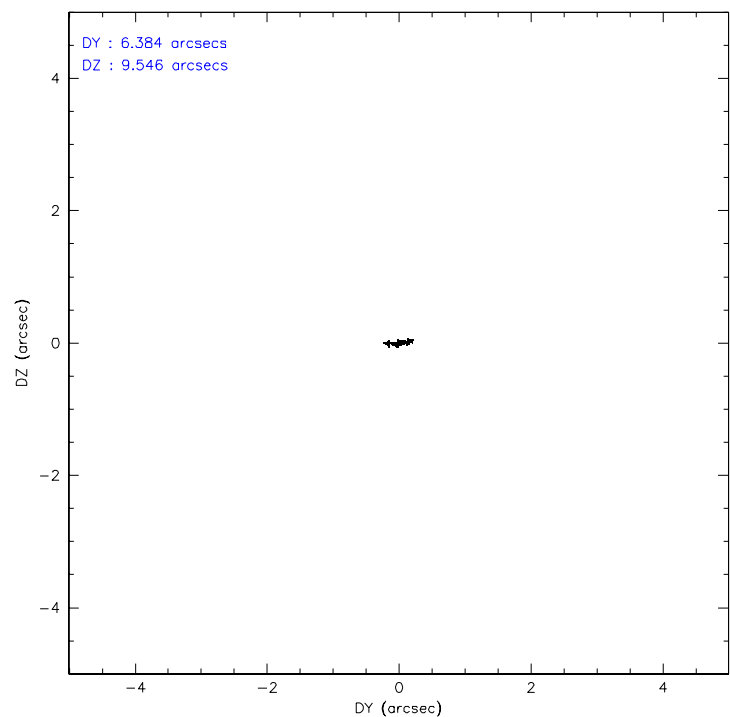
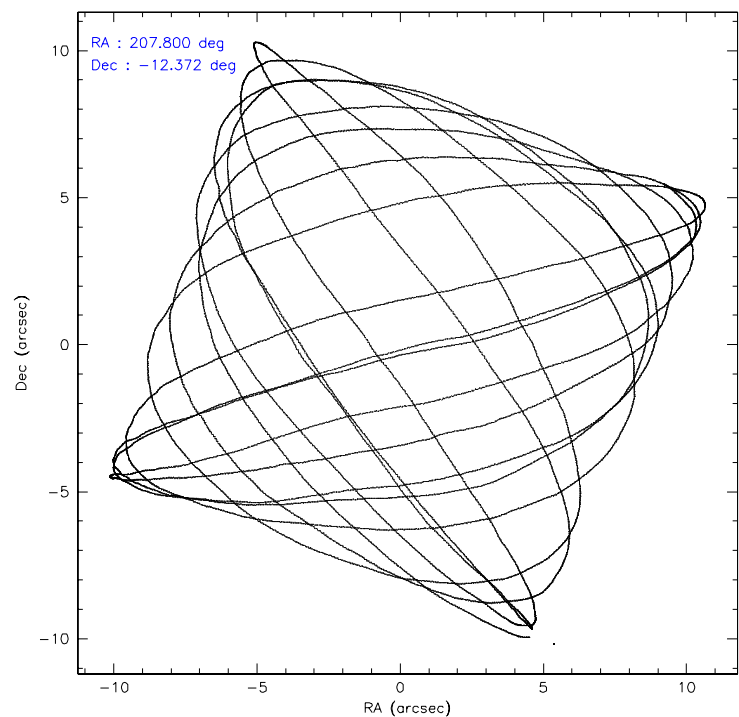
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	42595	39008	7708	37814	5953	43810
rejected events	40792	37756	2784	36150	1510	32918
rejected %	95%	96%	36%	95%	25%	75%

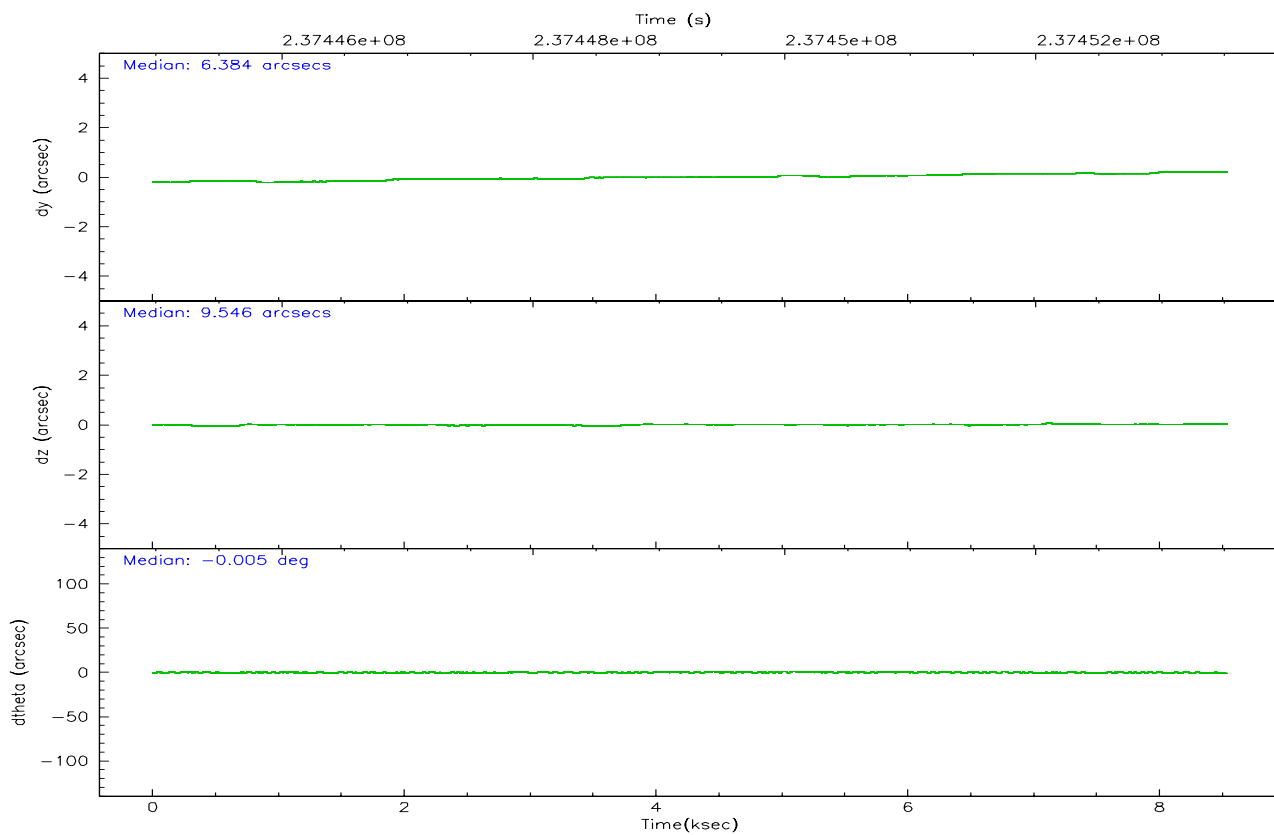
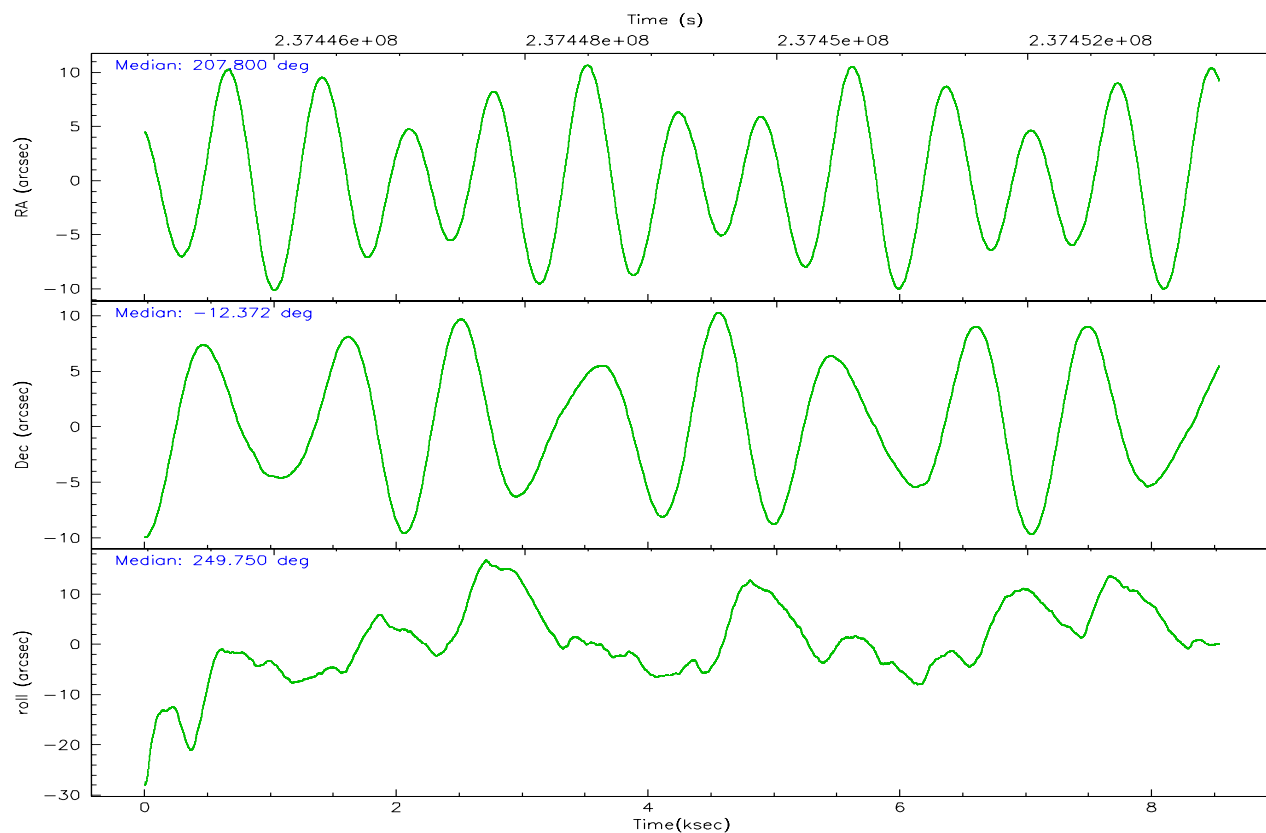
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	868	718	1351	839	1188	3481
	2%	1%	17%	2%	19%	7%
grade 1 events	14	11	15	13	22	33
	0%	0%	0%	0%	0%	0%
grade 2 events	412	160	2039	336	1673	2501
	0%	0%	26%	0%	28%	5%
grade 3 events	234	186	743	260	668	1504
	0%	0%	9%	0%	11%	3%
grade 4 events	289	198	583	246	655	1307
	0%	0%	7%	0%	11%	2%
grade 5 events	56	38	339	34	148	240
	0%	0%	4%	0%	2%	0%
grade 6 events	194	102	613	128	632	3041
	0%	0%	7%	0%	10%	6%
grade 7 events	40528	37595	2025	35958	967	31703
	95%	96%	26%	95%	16%	72%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	207.794797	207.7999167559826	Alternating exposures requested	N	N
Pointing Dec	-12.345346	-12.37212523005786	Primary exposure time	0.000000	3.2
Pointing Roll	249.593331	249.7510643113539			
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	237445165.184000	237444658.19978			
Observation start date	2005-07-11T04:58:21	2005-07-11T04:50:58			
Observation end time	237453515.184000	237453894.9877			
Observation end date	2005-07-11T07:17:31	2005-07-11T07:24:54			
Read mode	TIMED	TIMED			

2.3 Aspect



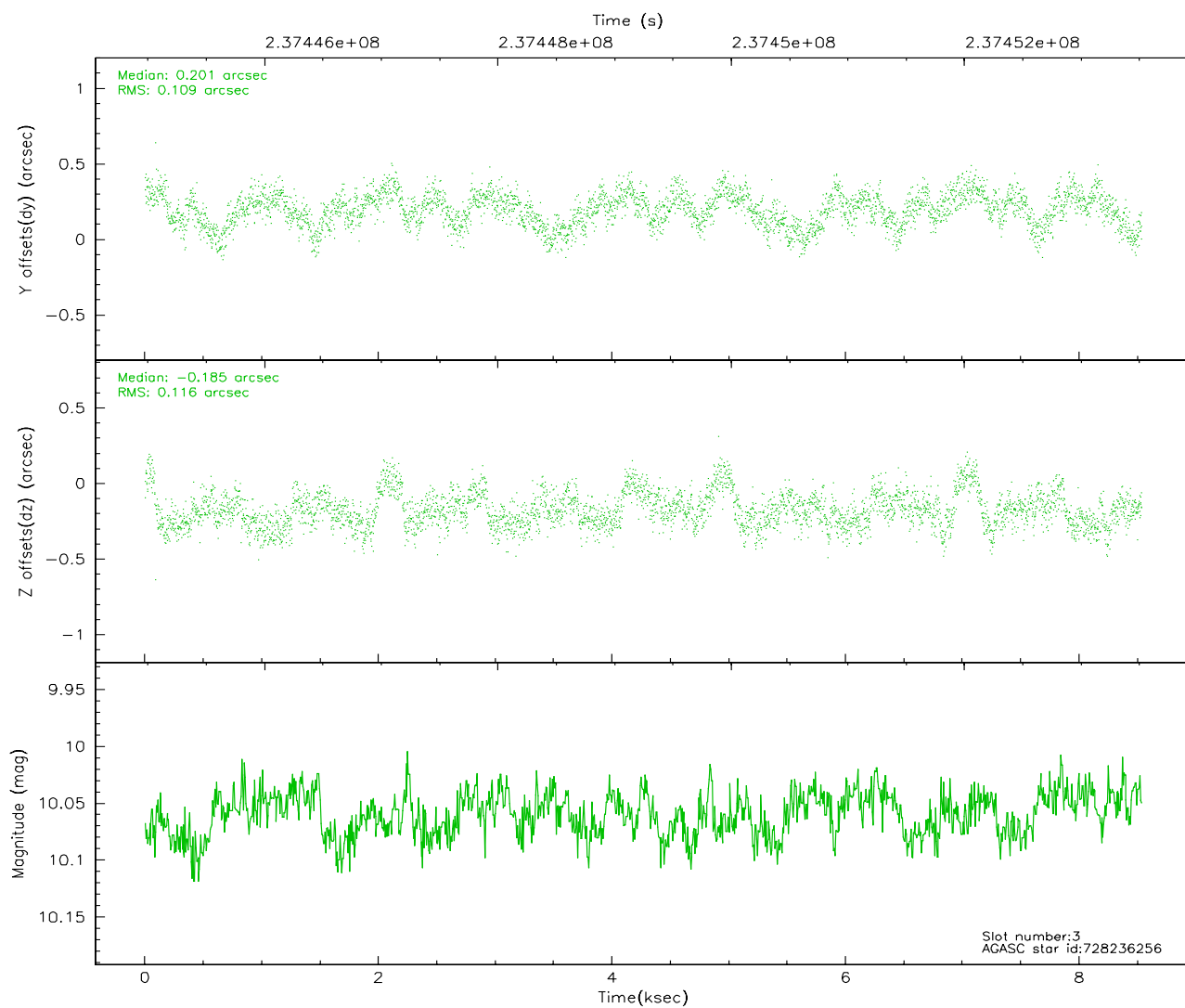
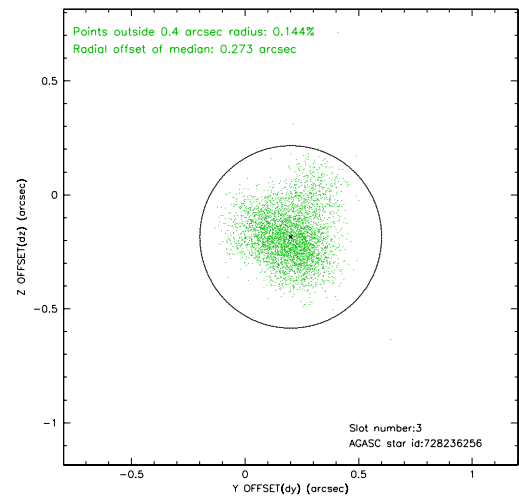
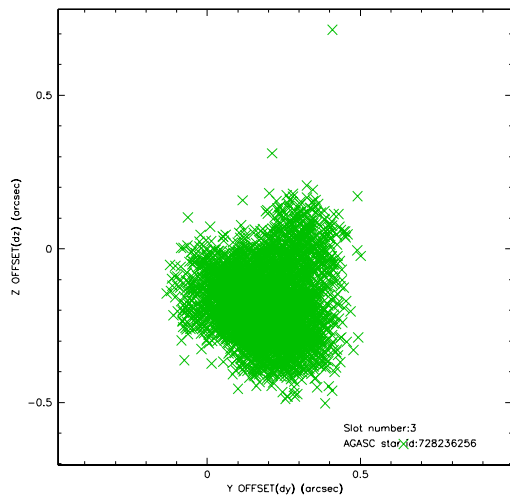


Slot Statistics

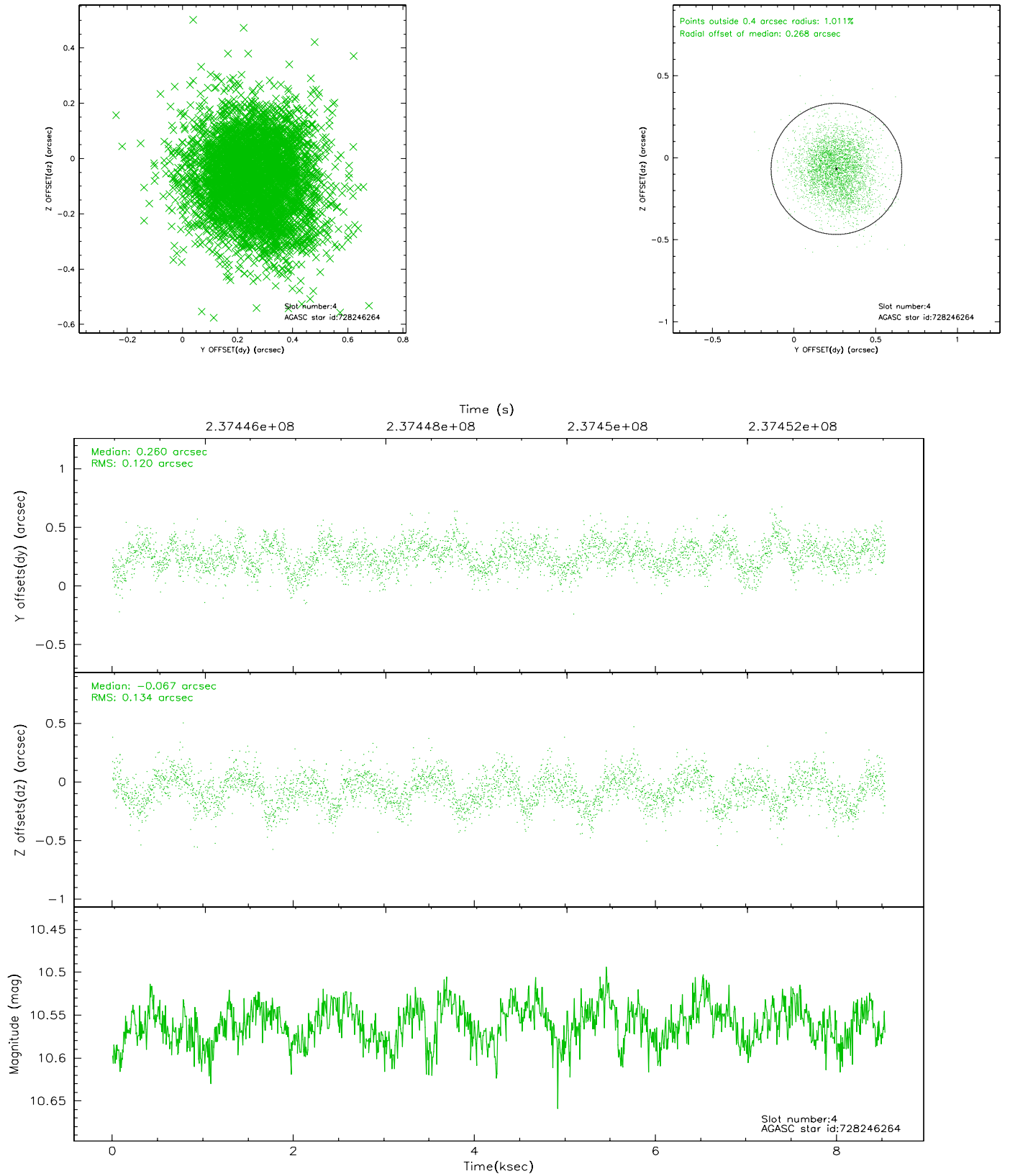
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2082	-0.047	-0.013	0.012	0.020	0.000000	0.000000	-759.13	-1730.81
1	FID	ACIS-S-4	7.20	2082	0.051	0.025	0.019	0.032	0.000000	0.000000	2153.92	177.09
2	FID	ACIS-S-5	7.23	2083	-0.038	-0.003	0.012	0.020	0.000000	0.000000	-1811.16	171.41
3	GUIDE	728236256	10.06	4160	0.201	-0.185	0.170	0.277	207.126175	-12.399367	1004.89	-2134.64
4	GUIDE	728246264	10.56	4154	0.260	-0.067	0.188	0.310	207.655266	-11.635836	-2221.88	-1352.30
5	GUIDE	728632856	10.57	4157	-0.019	0.227	0.207	0.332	208.274834	-12.910844	1321.50	2289.13
6	GUIDE	728633928	10.35	4158	0.090	0.199	0.189	0.304	208.253445	-12.706055	657.05	1963.71
7	BAD	728239272	10.76	3919	-0.553	-0.177	0.291	0.454	207.282684	-11.759150	-1346.16	-2426.58

2.4 Star Slots

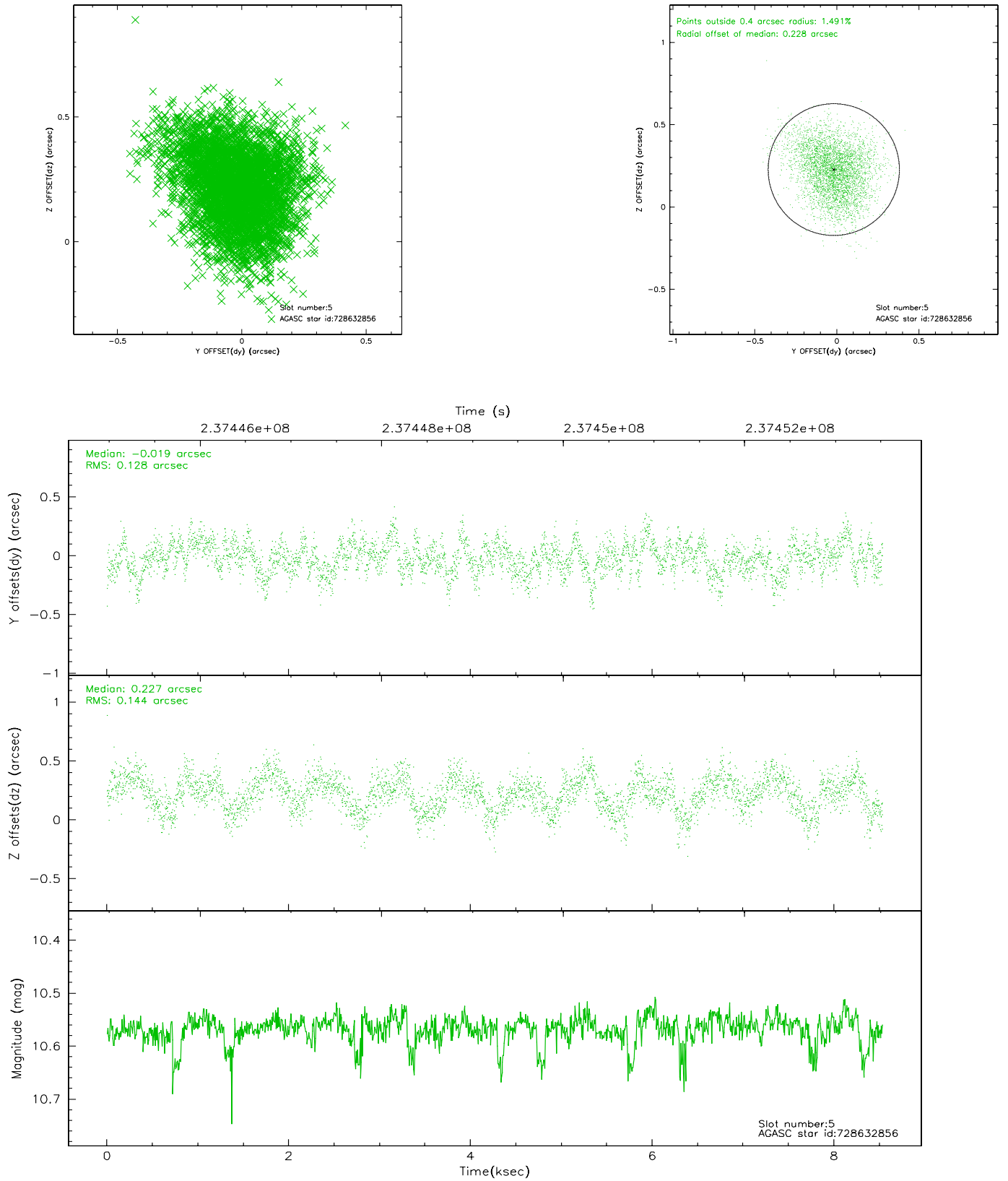
2.4.1 Slot 3



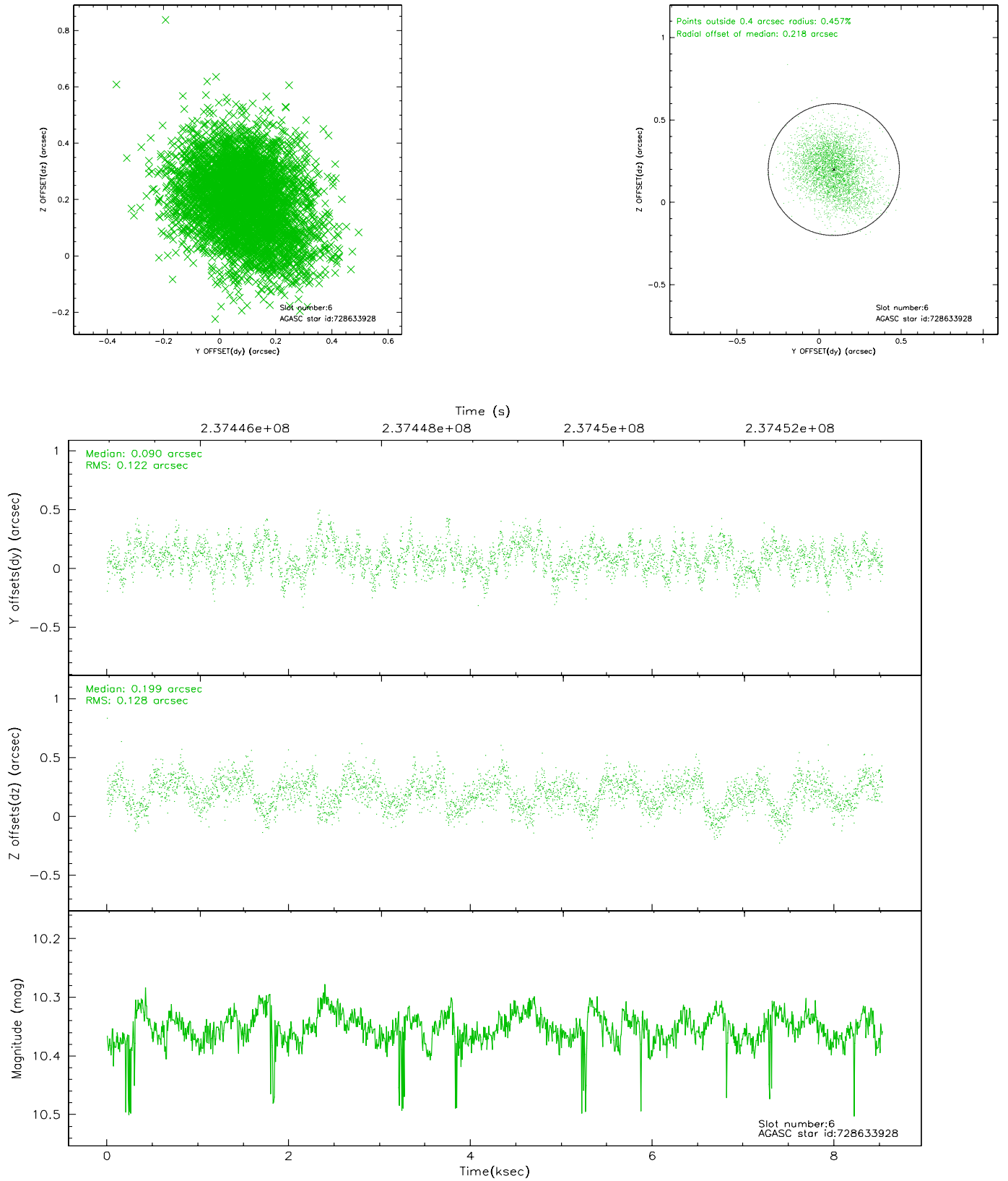
2.4.2 Slot 4



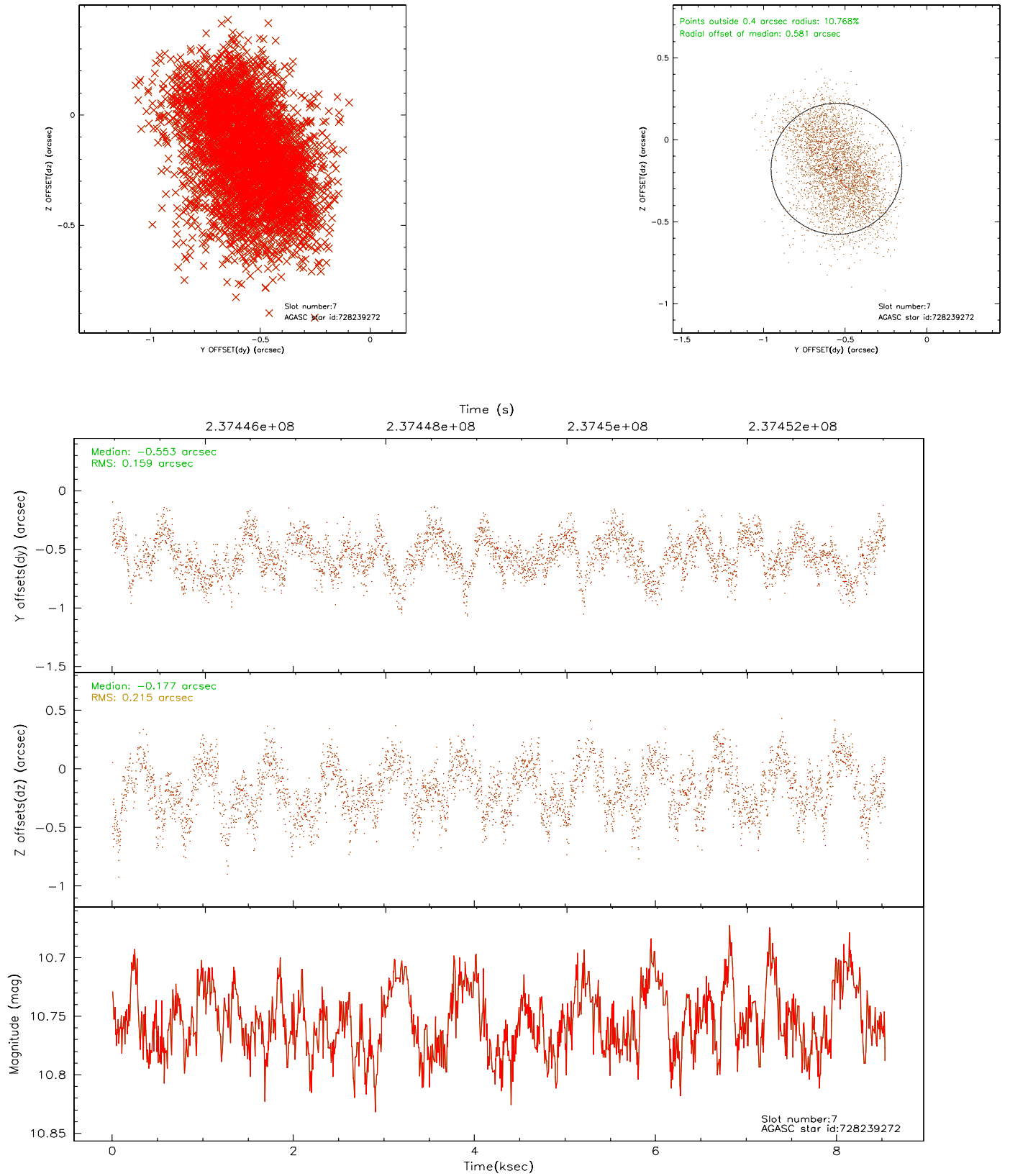
2.4.3 Slot 5



2.4.4 Slot 6

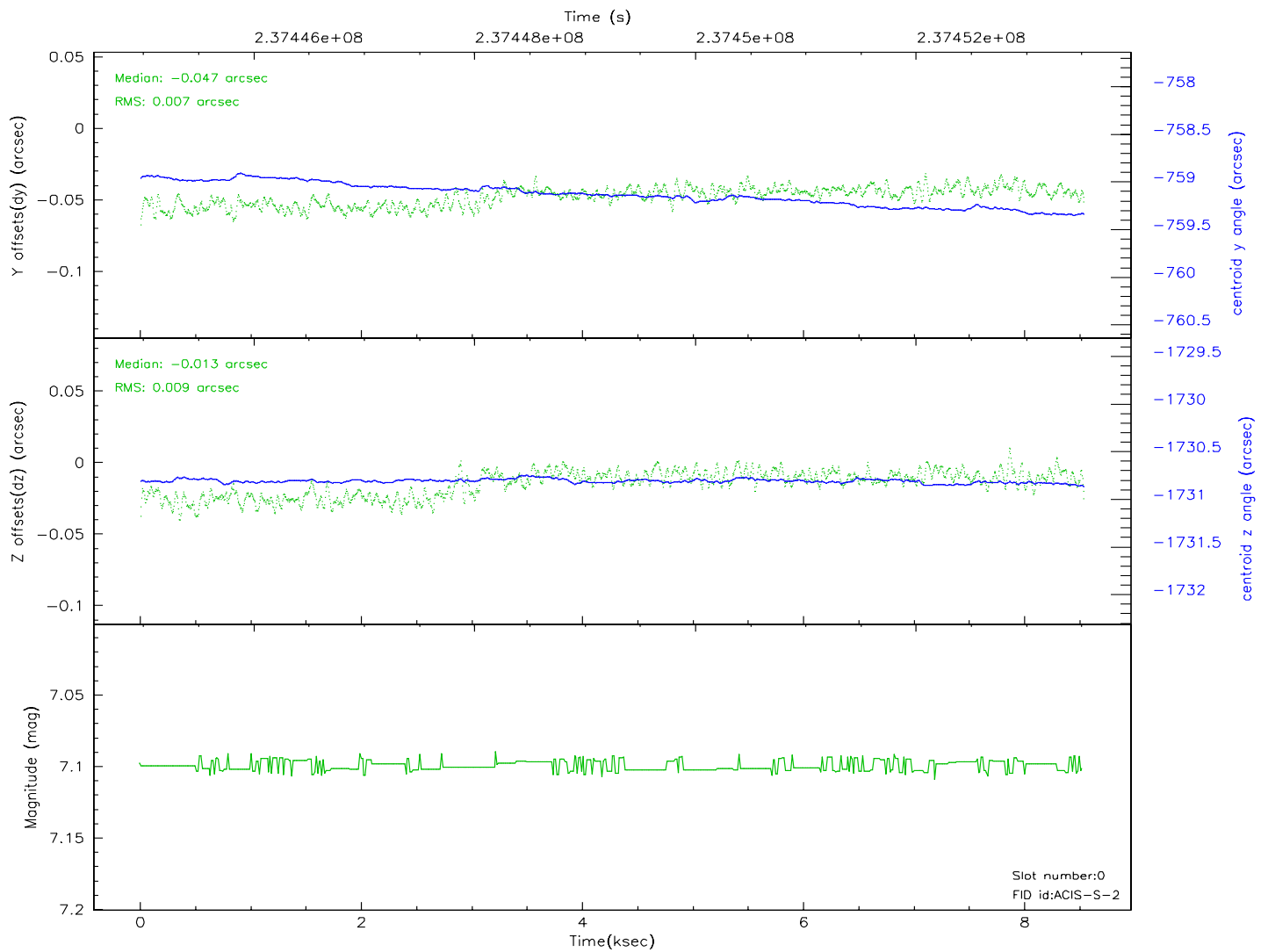
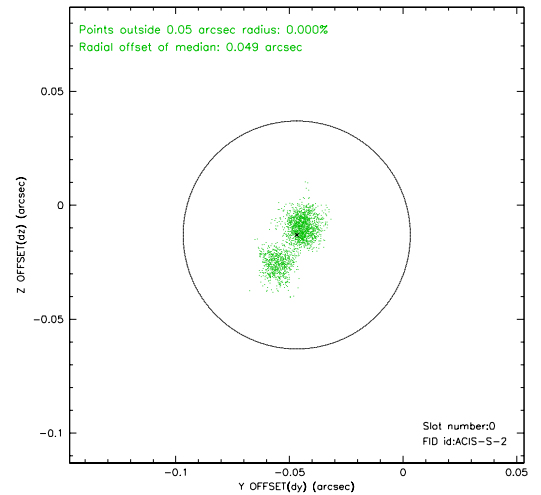
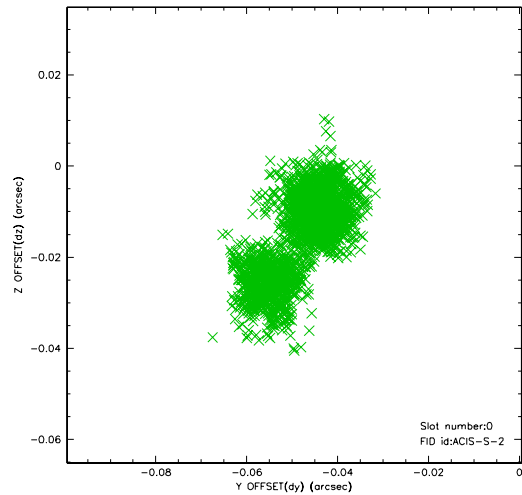


2.4.5 Slot 7

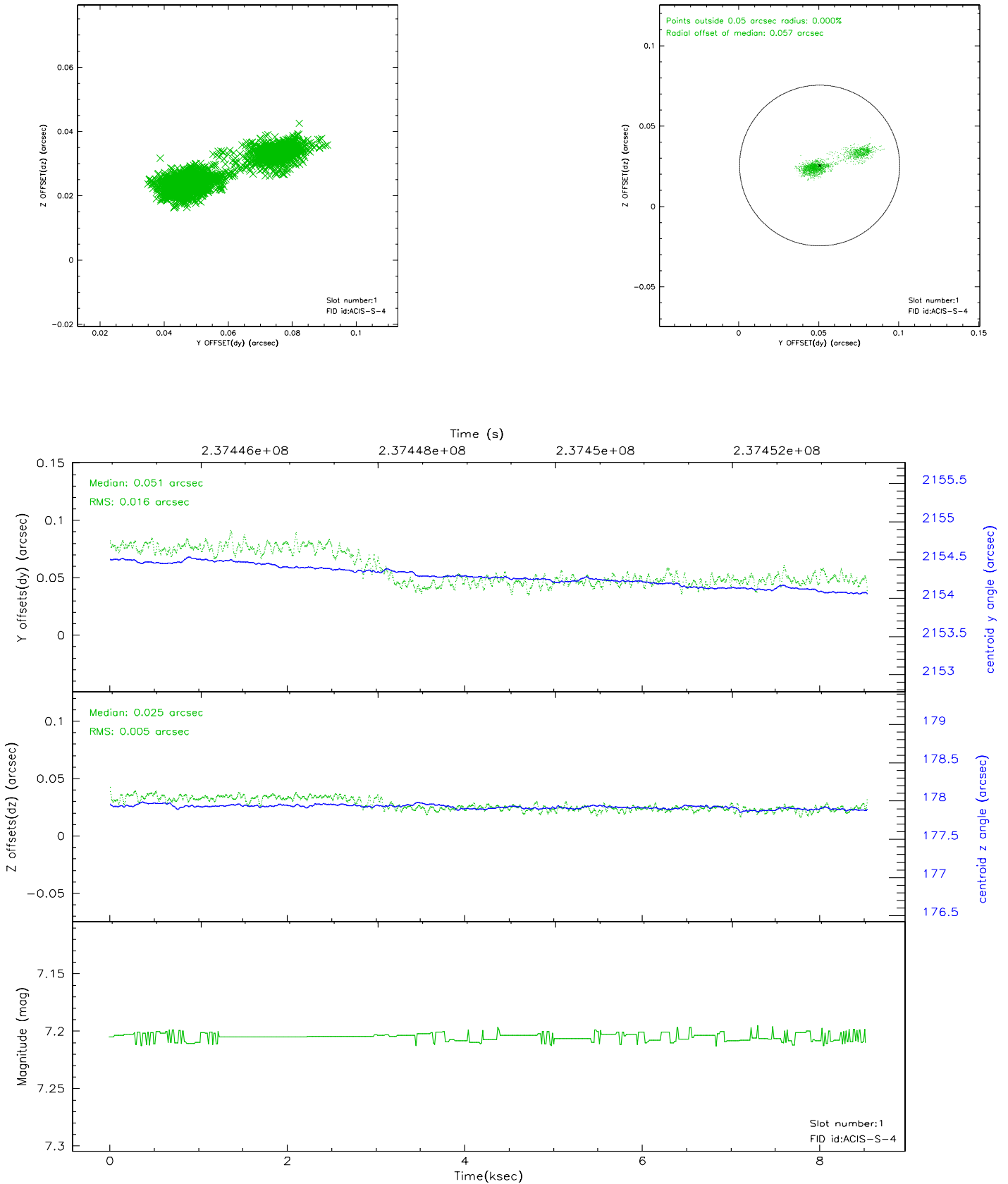


2.5 FID Slots

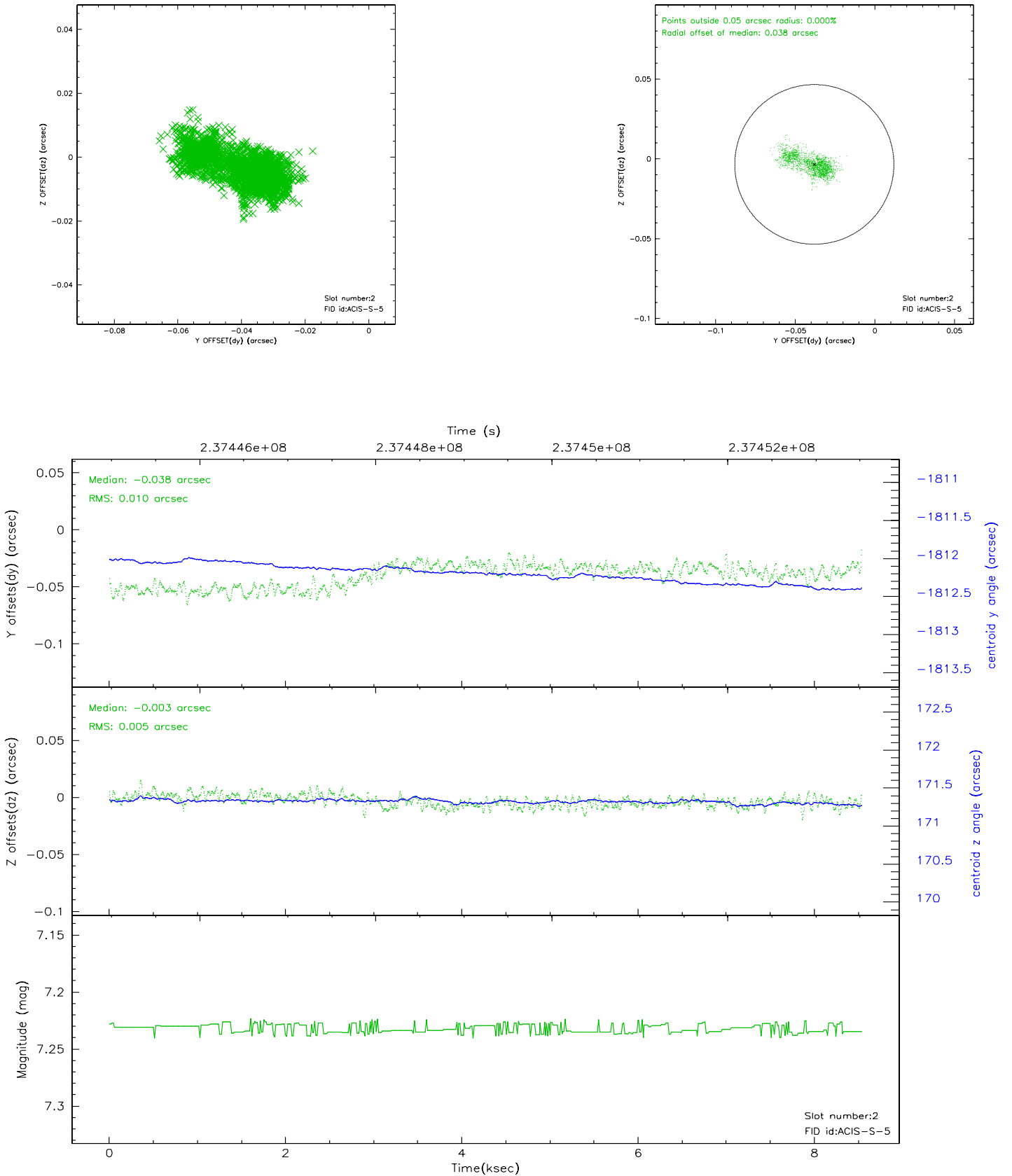
2.5.1 Slot 0



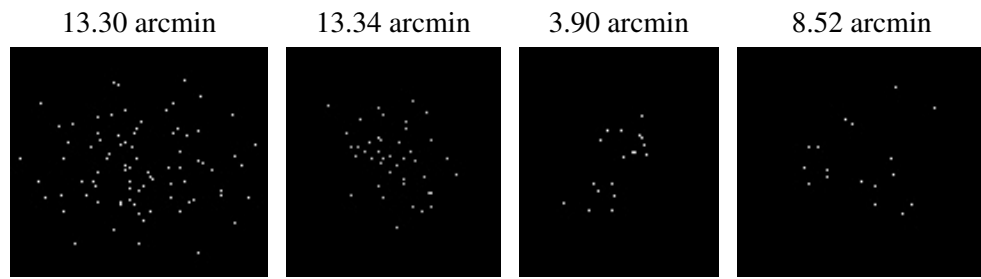
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.534399

A.2 Comments

Comments for Obi 0

Star in slot 7 has an RMS deviation > 0.200000 arcsec

Slot 7 not used in the aspect solution.