

V&V Reference Report

L2 ASCDS Version : 7.6.7.2

Observation 4653 - L2 Version 3
Chandra X-Ray Center

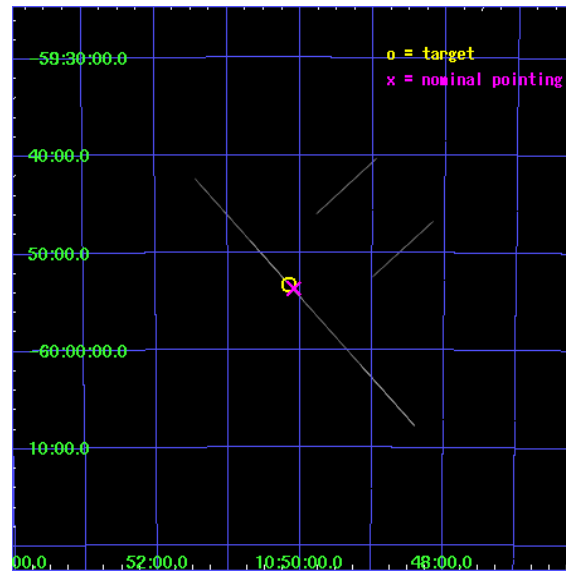
L2 Processing Date : Apr 11 2008

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1 Front

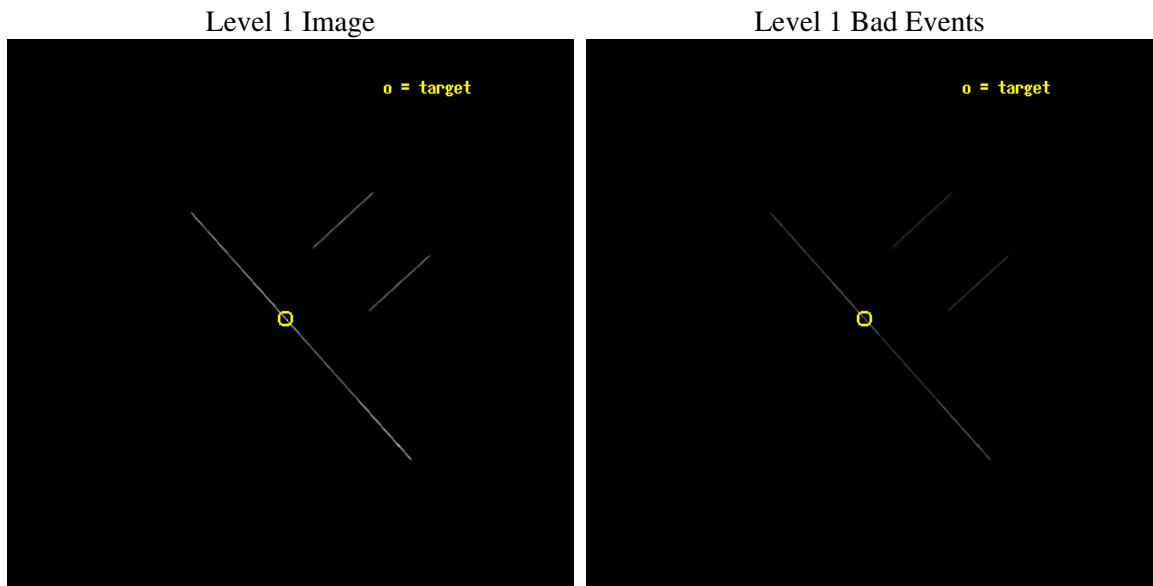
seq_num	500472
obs_id	4653
title	X-ray Bursts from Anomalous X-ray Pulsars
observer	Professor Victoria Kaspi
object	1E 1048.1-5937
ra_targ	162.537083
dec_targ	-59.889
ra_nom	162.52188557587
dec_nom	-59.894923046799
roll_nom	227.89308421829
revision	3
ontime	28856.25
livetime	28743.530273438
ontime2	28856.25
ontime3	28856.25
ontime5	28856.25
ontime6	28856.25
ontime7	28856.25
ontime8	28856.25
l2events	446703



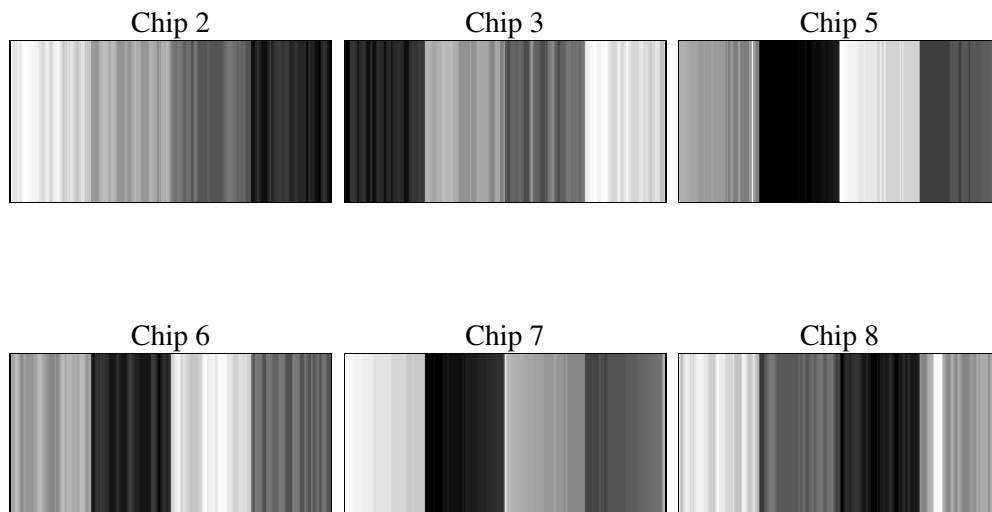
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.11.6
caldsver	3.4.4
date	2008-04-11T20:34:53
revision	3

sched_exp_time	28676.536000
ontime	28856.25
ontime2	28856.25
ontime3	28856.25
ontime5	28856.25
ontime6	28856.25
ontime7	28856.25
ontime8	28856.25
l1events	651030

2.1.4 Events

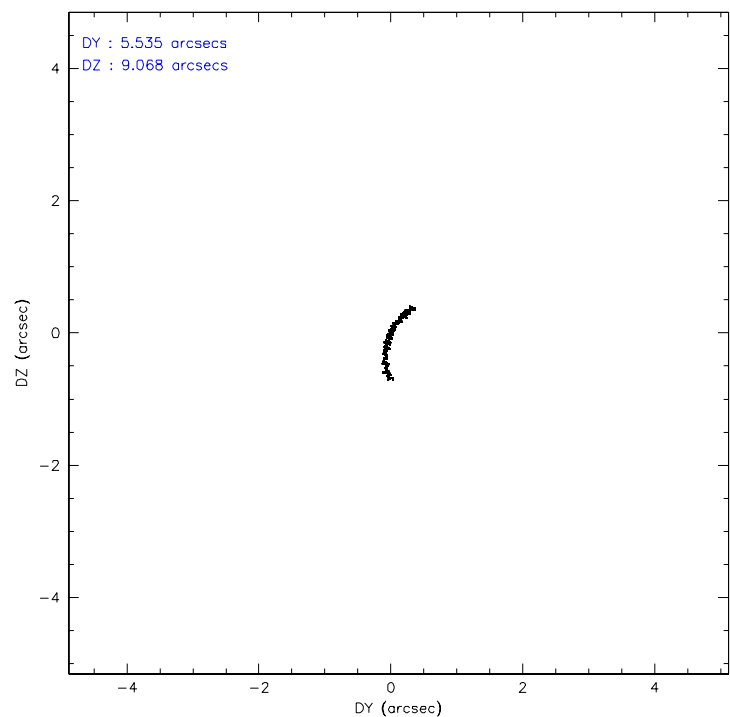
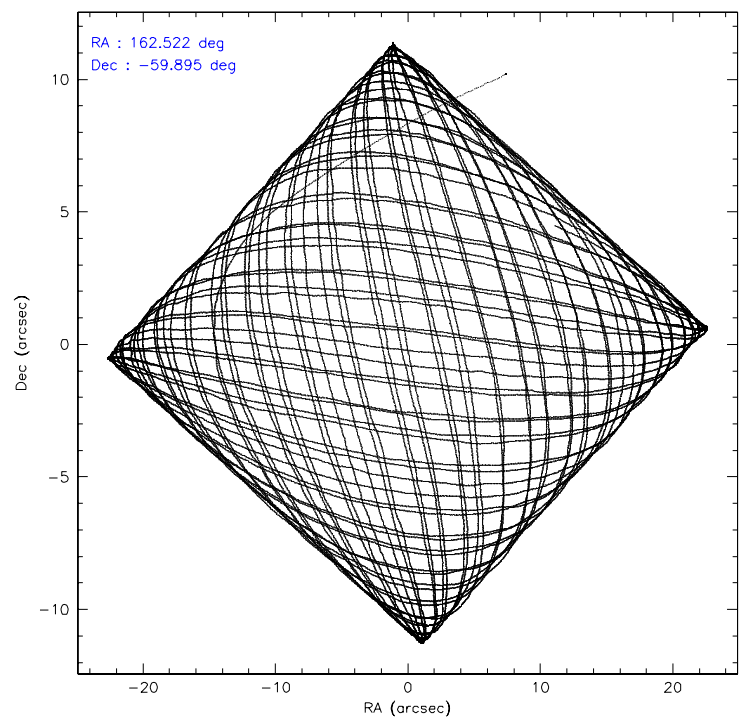
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	47629	49118	208510	51362	197674	96737
rejected events	9477	9949	27254	10897	30001	16520
rejected %	19%	20%	13%	21%	15%	17%

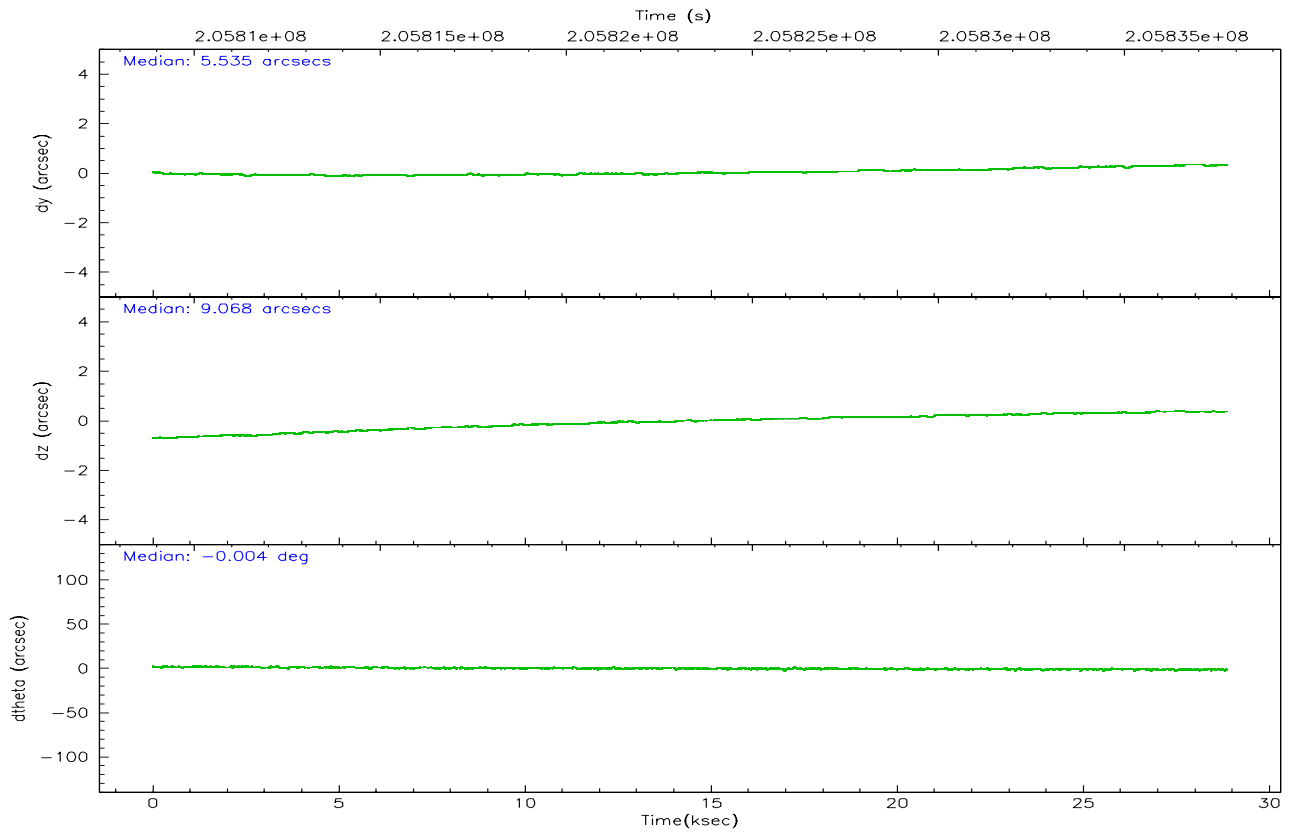
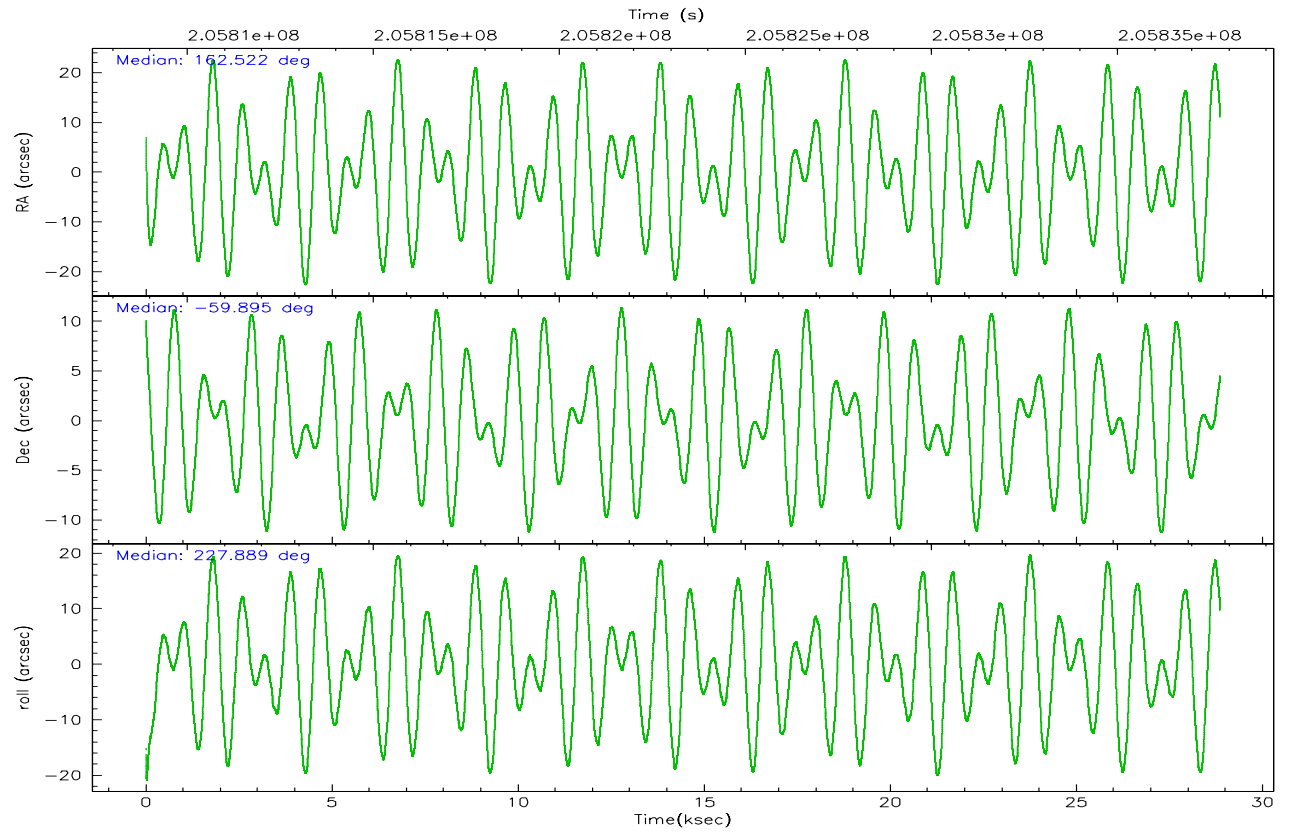
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	6548	5404	33751	5279	23194	15449
	13%	11%	16%	10%	11%	15%
grade 1 events	159	179	309	174	387	354
	0%	0%	0%	0%	0%	0%
grade 2 events	15435	16435	54035	16884	43113	26593
	32%	33%	25%	32%	21%	27%
grade 3 events	4802	5429	4621	5036	14607	9221
	10%	11%	2%	9%	7%	9%
grade 4 events	4820	4595	4430	4693	14348	9129
	10%	9%	2%	9%	7%	9%
grade 5 events	8193	8652	21052	9656	25875	13691
	17%	17%	10%	18%	13%	14%
grade 6 events	7672	8424	90312	9640	76150	22300
	16%	17%	43%	18%	38%	23%
grade 7 events	0	0	0	0	0	0
	0%	0%	0%	0%	0%	0%

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	CC33_FAINT	CC33_FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	162.532515	162.5218855758744	Alternating exposures requested	N	N
Pointing Dec	-59.868229	-59.89492304679914	Primary exposure time	0.000000	0
Pointing Roll	227.745662	227.8930842182932			
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	205809087.184000	205808048.17356			
Observation start date	2004-07-10T01:10:23	2004-07-10T00:54:08			
Observation end time	205837763.184000	205837993.54989			
Observation end date	2004-07-10T09:08:19	2004-07-10T09:13:13			
Read mode	CONTINUOUS	CONTINUOUS			

2.3 Aspect



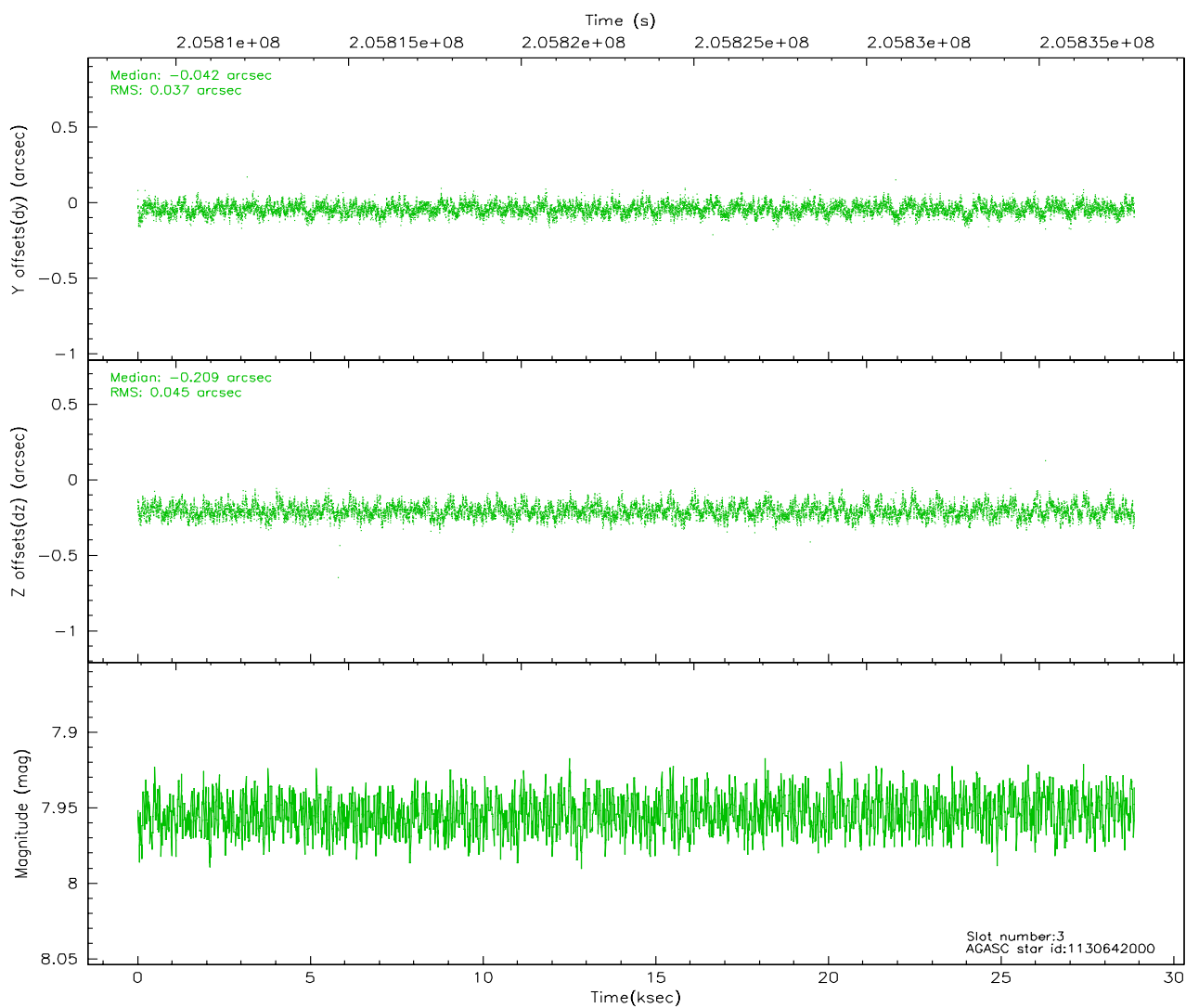
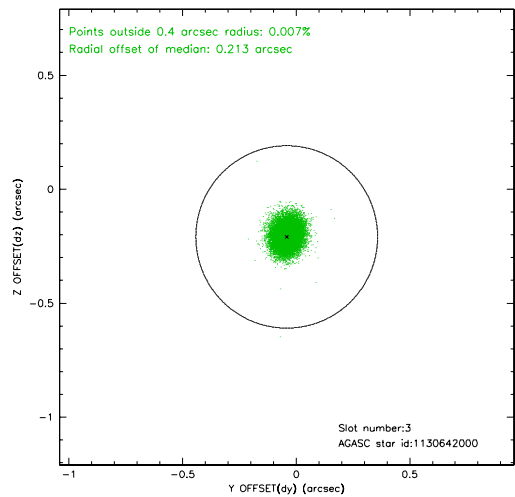
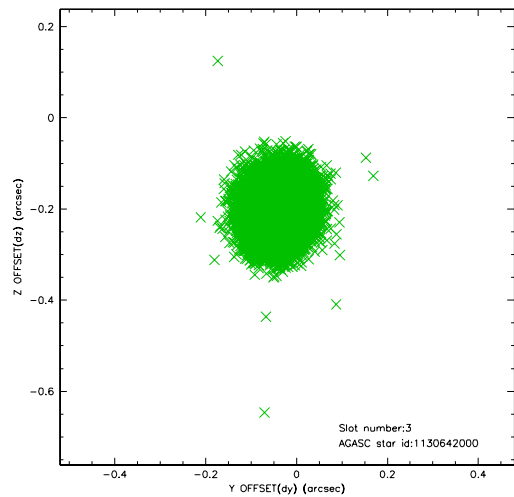


Slot Statistics

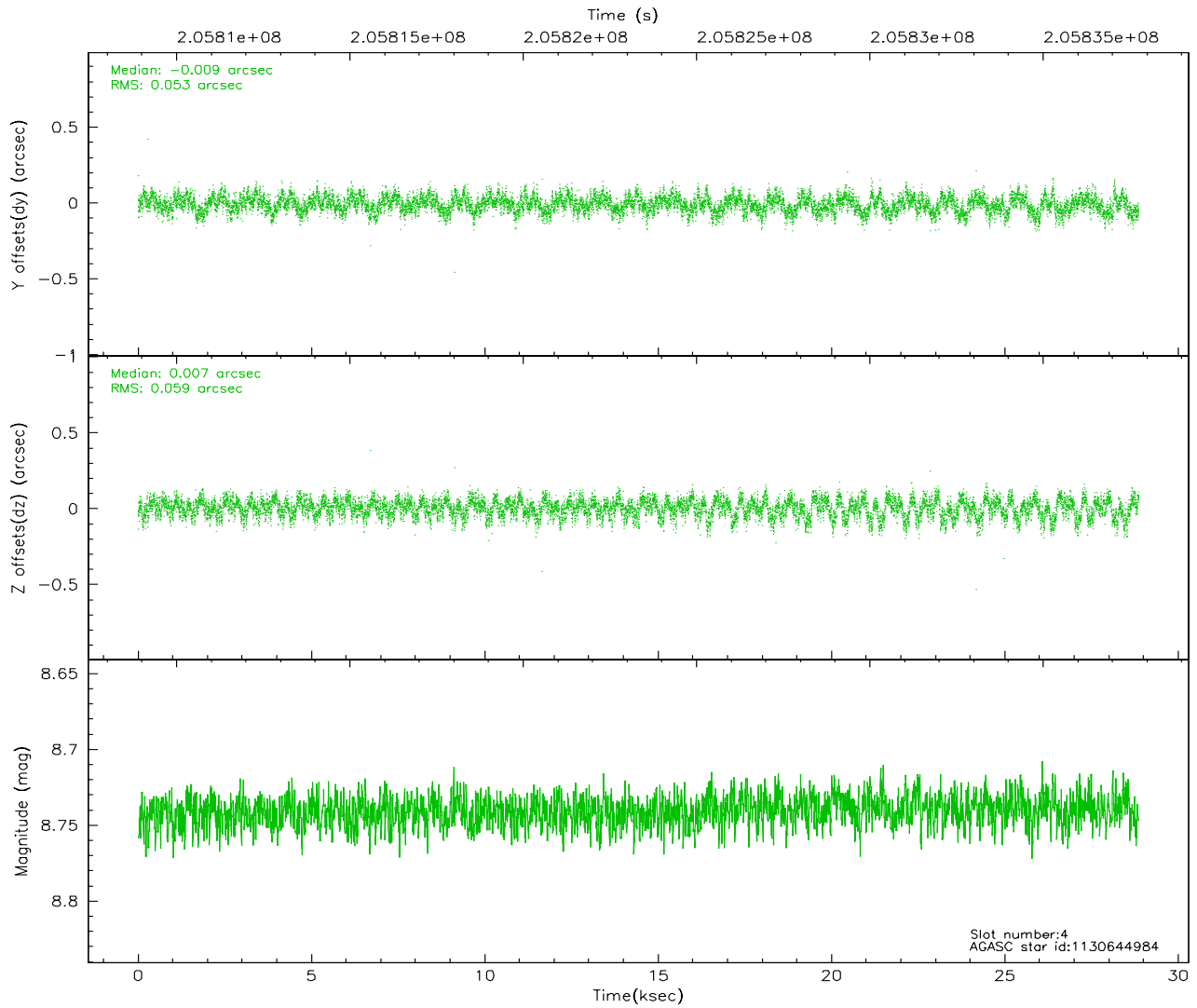
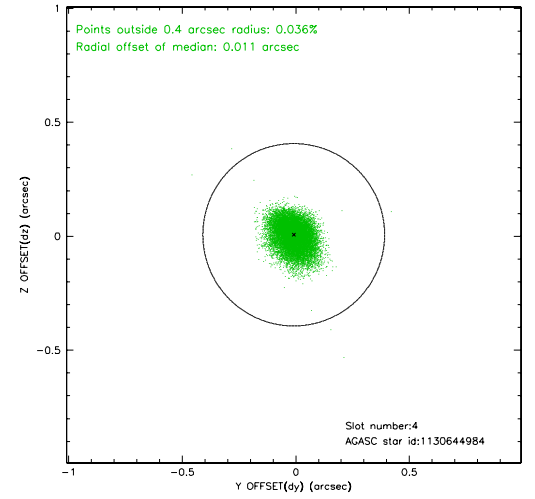
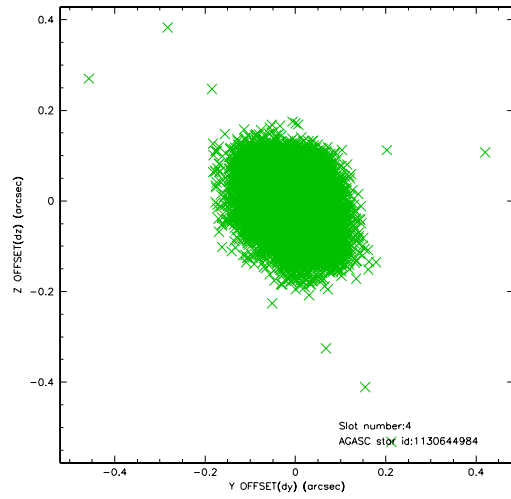
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.18	7040	0.005	0.022	0.010	0.017	0.000000	0.000000	937.69	-1725.81
1	FID	ACIS-S-2	7.10	7040	-0.062	-0.039	0.008	0.015	0.000000	0.000000	-758.23	-1730.46
2	FID	ACIS-S-4	7.20	7040	0.032	0.022	0.007	0.013	0.000000	0.000000	2154.97	178.23
3	GUIDE	1130642000	7.95	14079	-0.042	-0.209	0.063	0.100	162.836255	-59.743891	-700.74	107.58
4	GUIDE	1130644984	8.74	14074	-0.009	0.007	0.083	0.135	162.123834	-59.745452	173.16	-844.13
5	GUIDE	1130767056	8.82	14076	-0.108	0.066	0.112	0.175	164.277994	-59.801070	-2273.44	2204.72
6	GUIDE	1174033144	8.43	14072	-0.064	0.082	0.060	0.098	161.168741	-60.059230	2175.29	-1333.70
7	GUIDE	1174031160	8.82	14073	0.223	0.057	0.070	0.109	162.483783	-60.757597	2427.93	2089.93

2.4 Star Slots

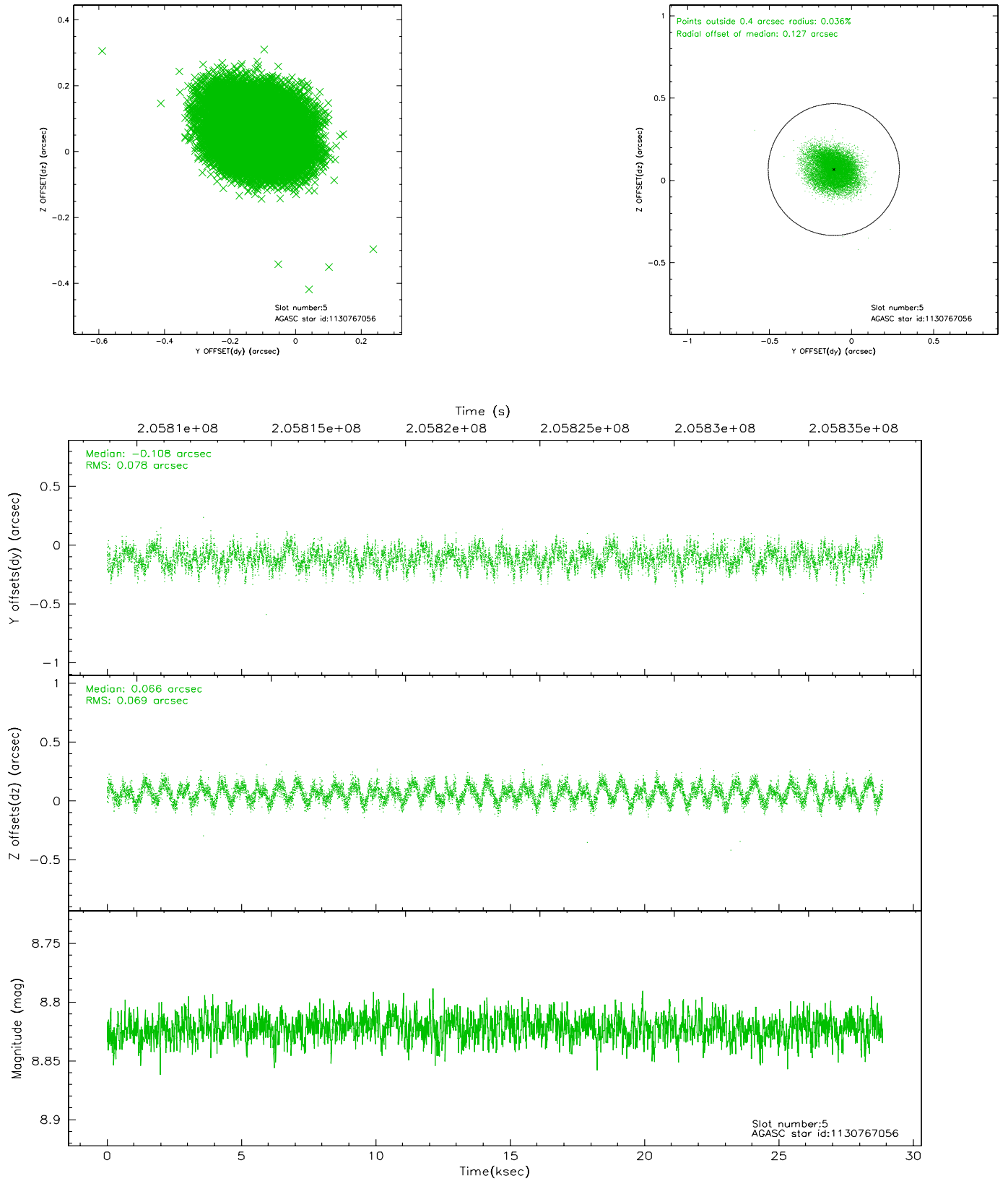
2.4.1 Slot 3



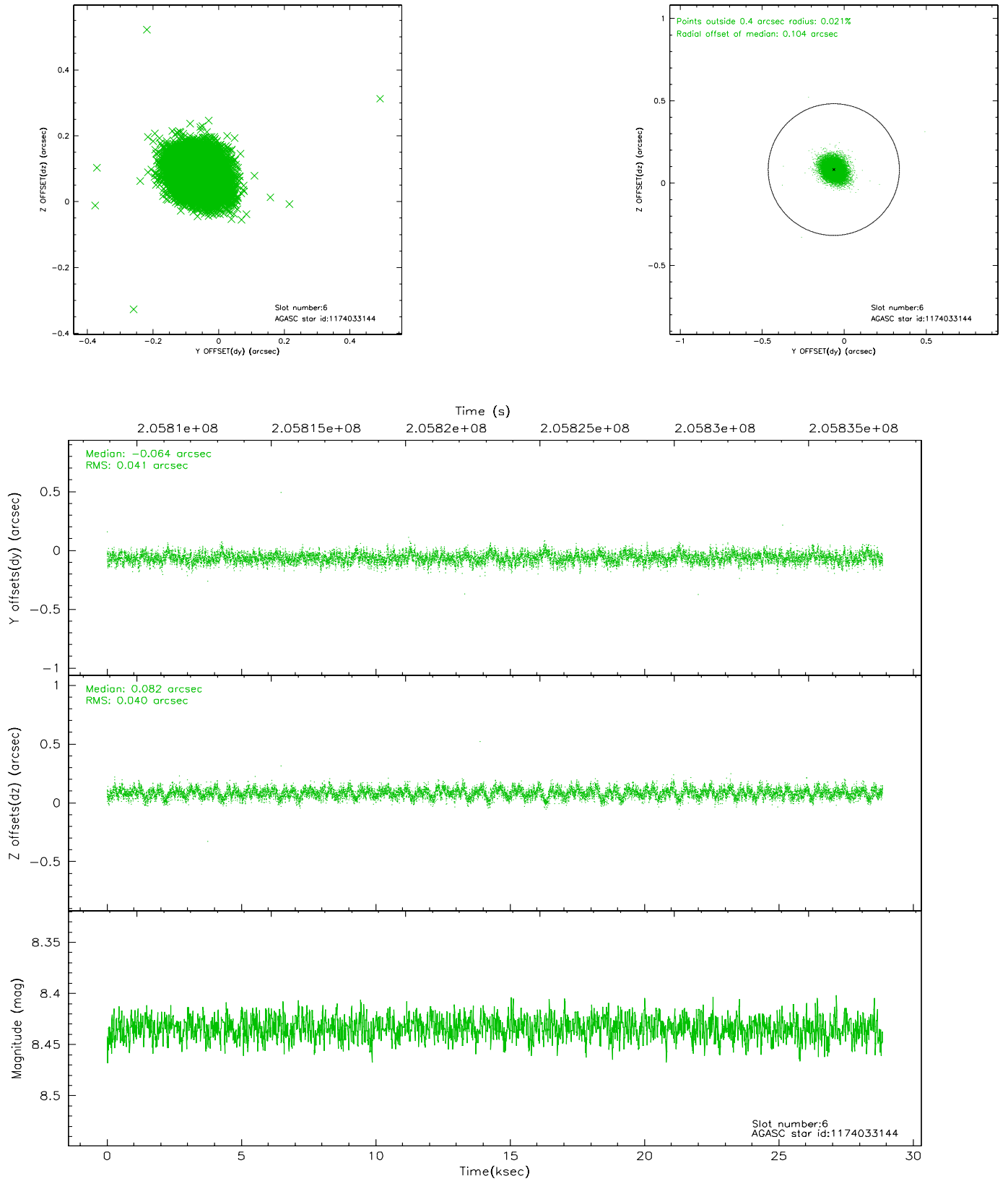
2.4.2 Slot 4



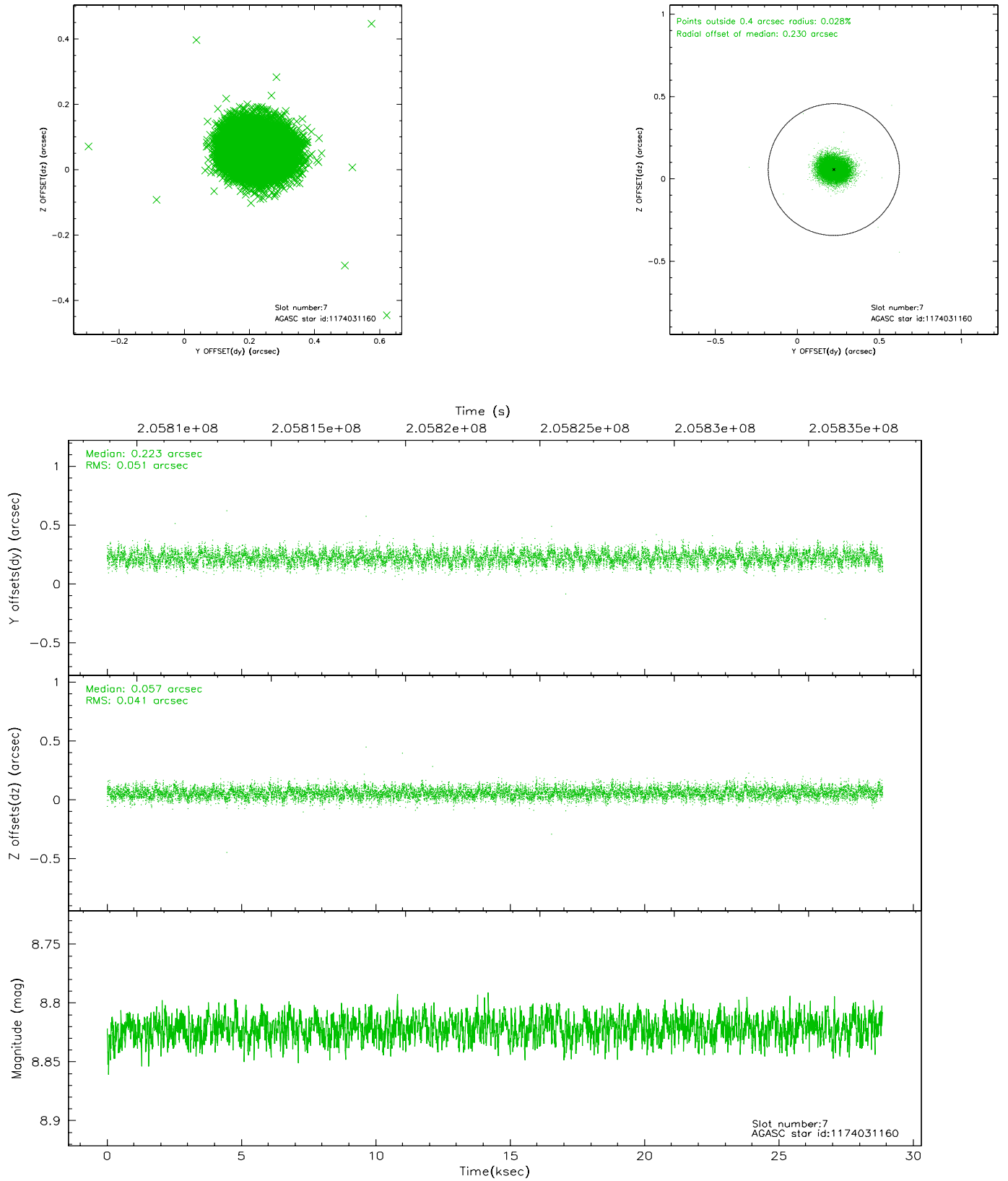
2.4.3 Slot 5



2.4.4 Slot 6



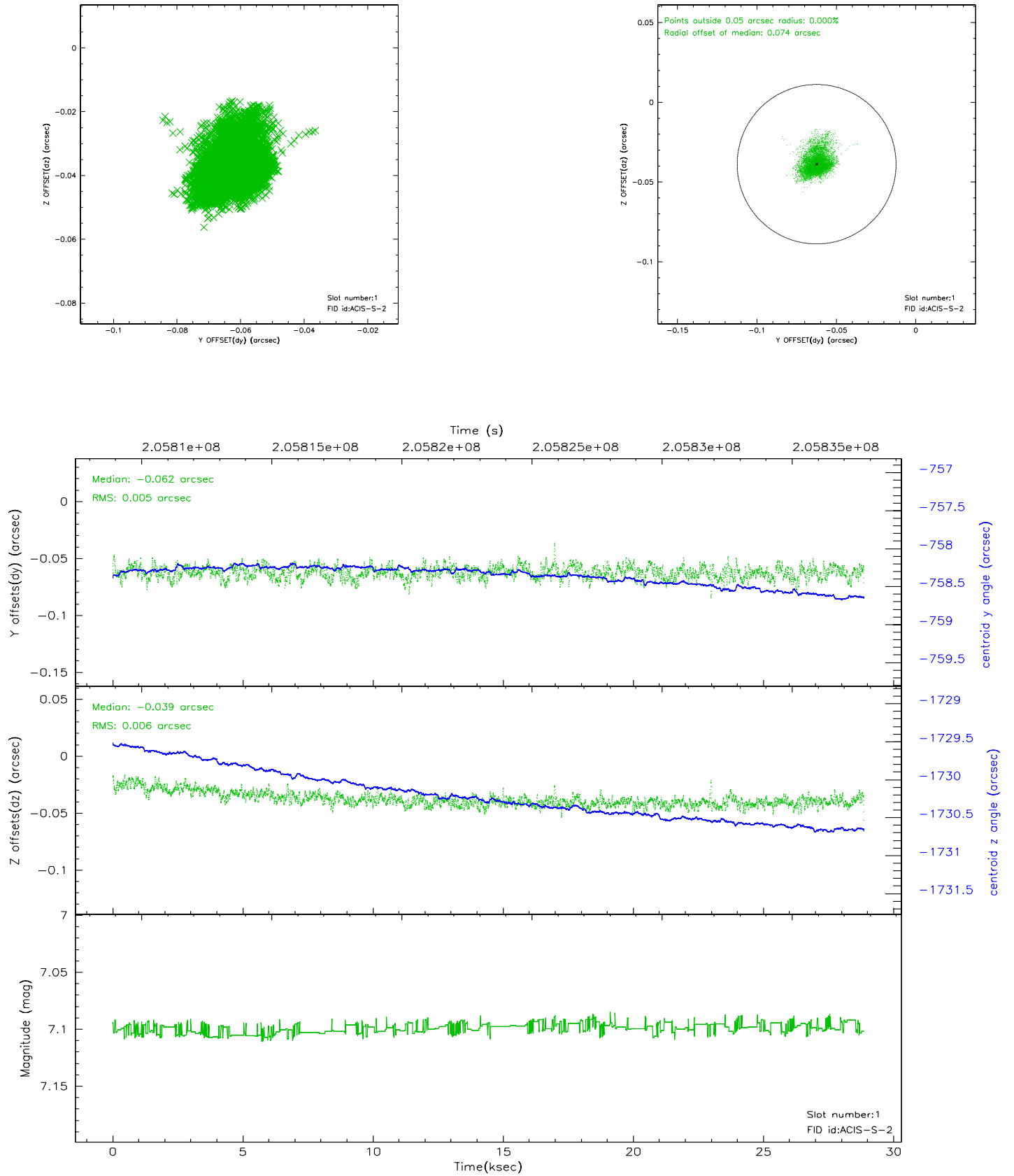
2.4.5 Slot 7



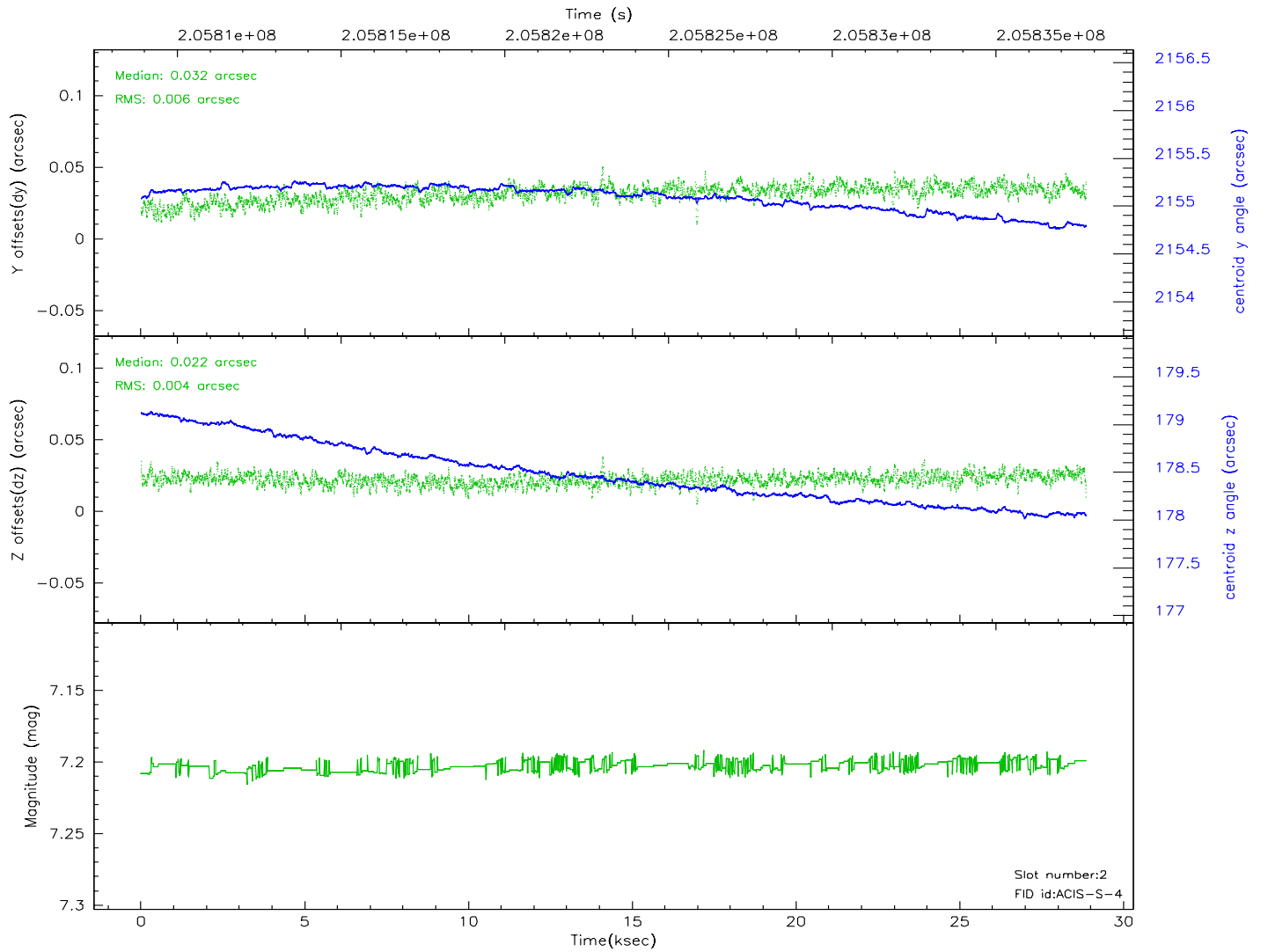
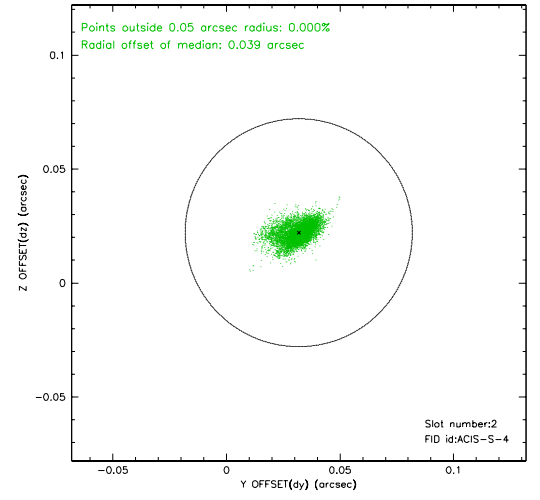
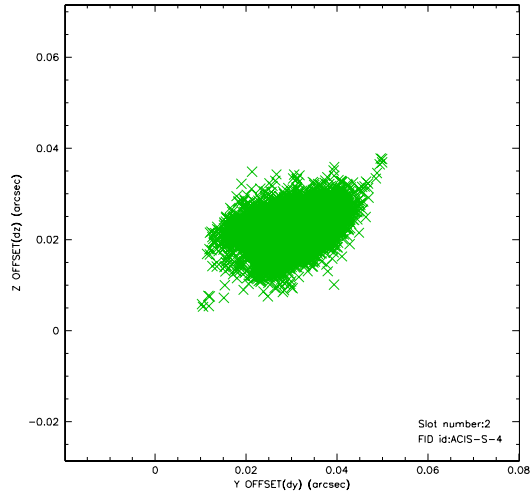
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2008.04.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	28.859

A.2 Comments