

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 838 - L2 Version 001
Chandra X-Ray Center

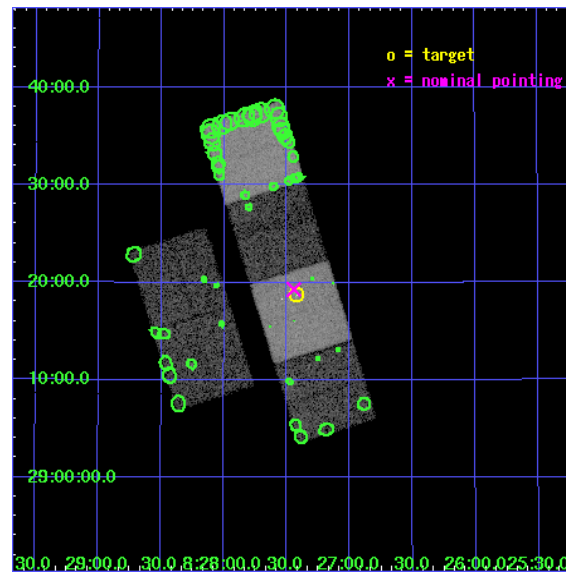
L2 Processing Date : Jun 9 2007

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1 Front

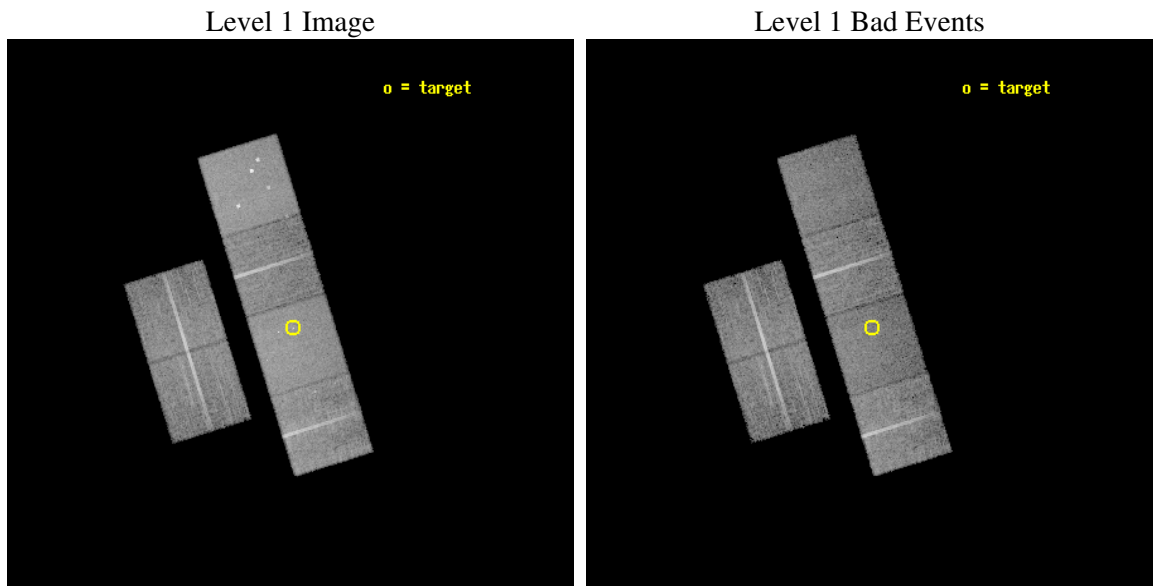
seq_num	700143
obs_id	838
title	EXTENDED AND COMPACT X-RAY EMISSION IN DISTANT RADIO GALAXIES
observer	Prof Diana Worrall
object	3C 200
dtcycle	0
cycle	P
ra_targ	126.855833
dec_targ	29.312917
ra_nom	126.86110093773
dec_nom	29.321685591984
roll_nom	72.785971199795
revision	2
ontime	14844.800013825
livetime	14656.826217585
ontime2	14844.800013825
ontime3	14844.800013825
ontime5	14844.800013825
ontime6	14844.800013825
ontime7	14844.800013825
ontime8	14844.800013825
l2events	142640



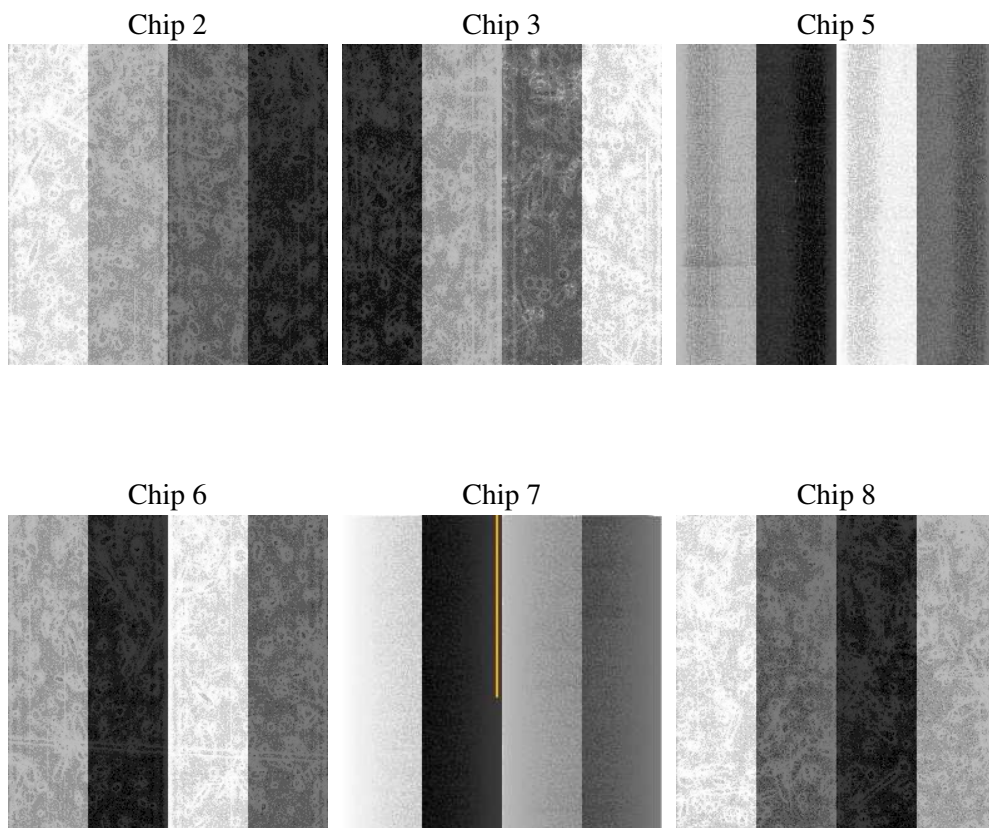
2 OBI

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	2007-06-09T19:26:04
revision	2

sched_exp_time	14680.000000
ontime	14844.800013825
ontime2	14844.800013825
ontime3	14844.800013825
ontime5	14844.800013825
ontime6	14844.800013825
ontime7	14844.800013825
ontime8	14844.800013825
l1events	623916

2.1.4 Events

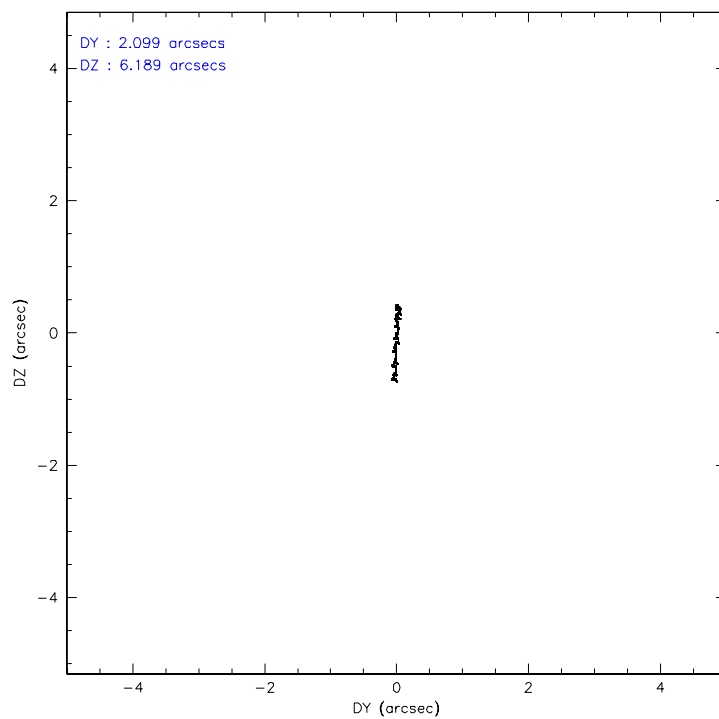
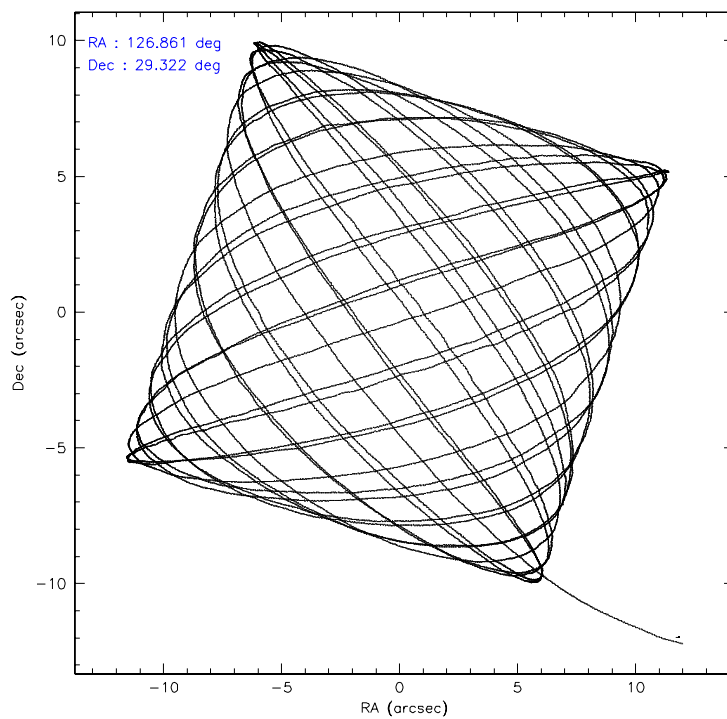
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	90245	88613	128545	88898	116507	111108
rejected events	80574	79238	65277	79203	64288	90039
rejected %	89%	89%	50%	89%	55%	81%

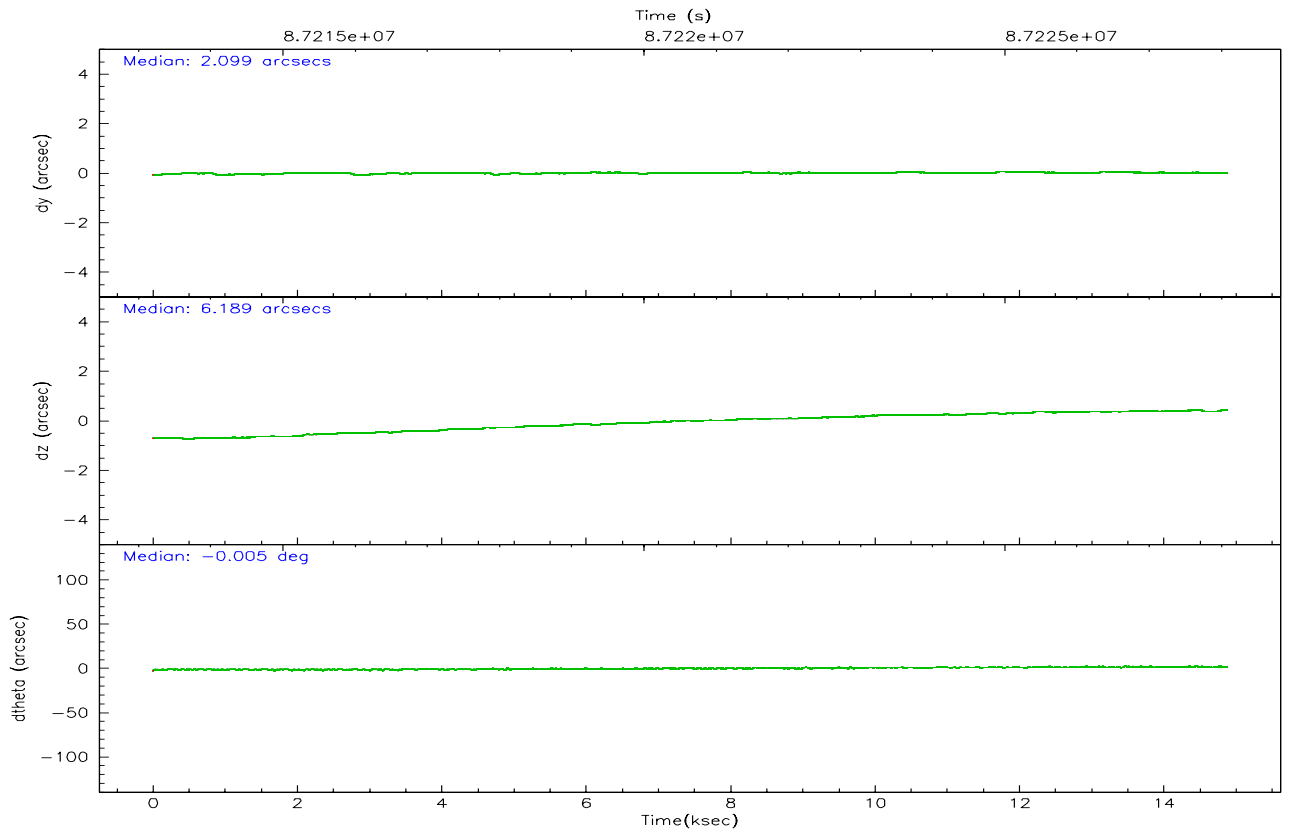
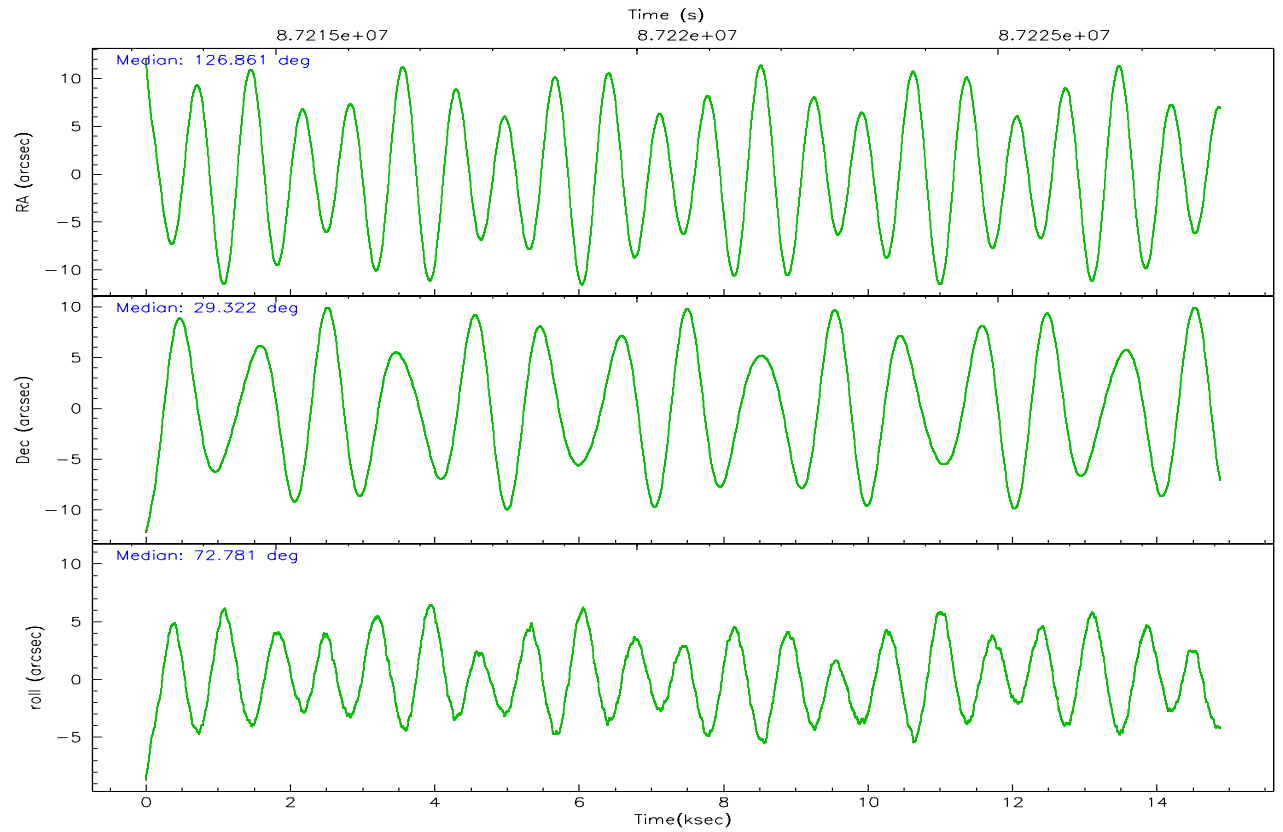
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	4083	3951	10060	3798	5506	7008
	4%	4%	7%	4%	4%	6%
grade 1 events	44	43	204	28	99	66
	0%	0%	0%	0%	0%	0%
grade 2 events	1992	1863	17009	1939	10275	4327
	2%	2%	13%	2%	8%	3%
grade 3 events	917	963	2837	1060	4786	2257
	1%	1%	2%	1%	4%	2%
grade 4 events	940	922	2703	991	4658	2189
	1%	1%	2%	1%	3%	1%
grade 5 events	2963	3201	9160	3562	10390	4492
	3%	3%	7%	4%	8%	4%
grade 6 events	1742	1682	30694	1910	27028	5291
	1%	1%	23%	2%	23%	4%
grade 7 events	77564	75988	55878	75610	53765	85478
	85%	85%	43%	85%	46%	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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	126.868244	126.8611009377345	Subarray requested	NONE	NONE
Pointing Dec	29.295034	29.32168559198411	Alternating exposures requested	N	N
Pointing Roll	72.625846	72.78597119979506	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	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	87213397.184000	87212325.816686			
Observation start date	2000-10-06T09:55:33	2000-10-06T09:38:45			
Observation end time	87228077.184000	87228550.029799			
Observation end date	2000-10-06T14:00:13	2000-10-06T14:09:10			
Read mode	TIMED	TIMED			

2.3 Aspect



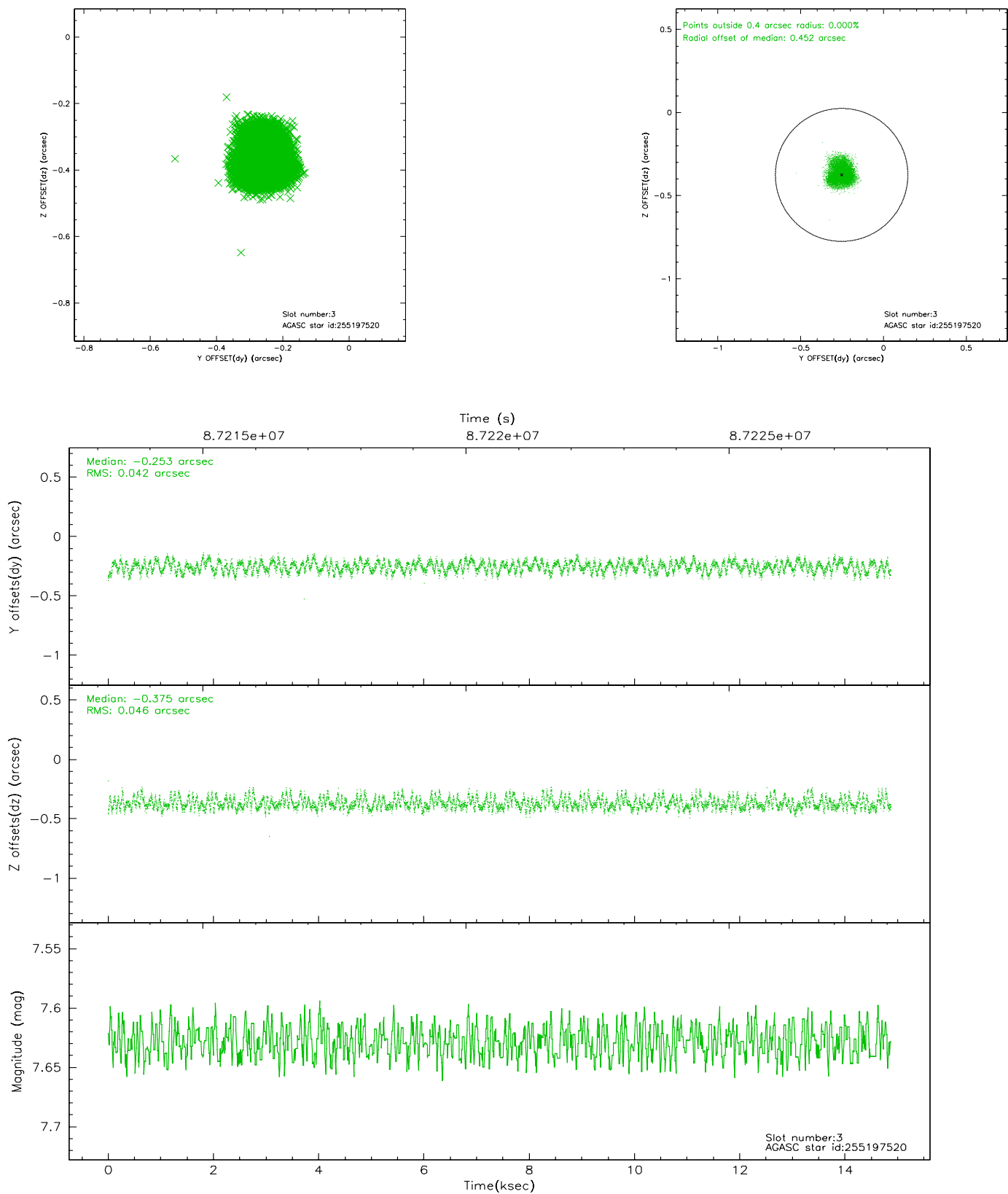


Slot Statistics

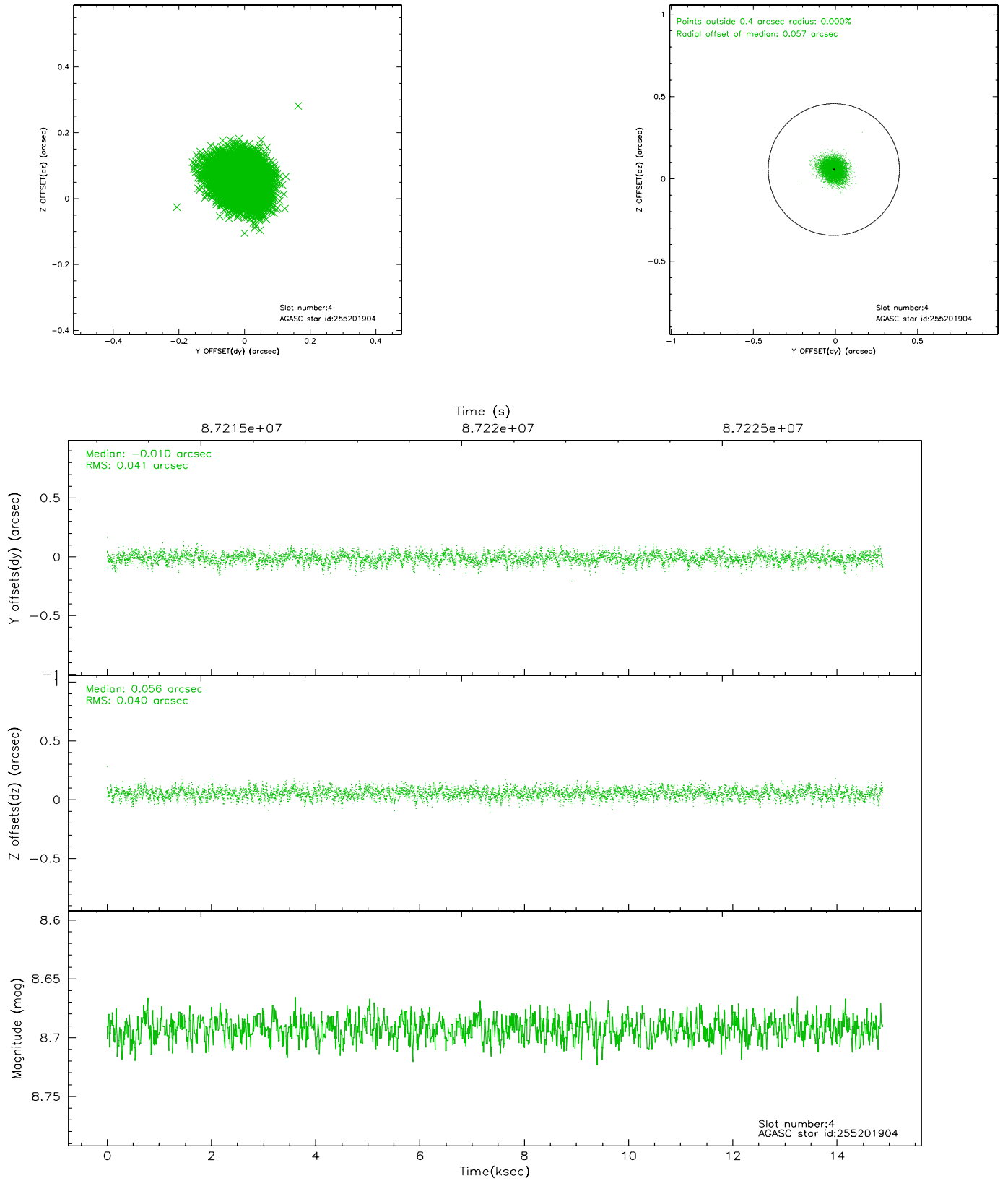
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	3629	-0.032	0.018	0.009	0.014	0.000000	0.000000	-754.73	-1727.25
1	FID	ACIS-S-4	7.20	3629	-0.050	0.011	0.009	0.014	0.000000	0.000000	2158.37	180.95
2	FID	ACIS-S-5	7.24	3629	0.051	-0.020	0.007	0.011	0.000000	0.000000	-1807.11	174.89
3	GUIDE	255197520	7.63	7258	-0.253	-0.375	0.068	0.102	126.331195	29.651749	726.76	1988.40
4	GUIDE	255201904	8.69	7258	-0.010	0.056	0.061	0.098	127.318403	29.469311	1022.49	-1157.45
5	GUIDE	255201664	8.89	7255	0.098	0.227	0.070	0.110	127.299286	28.580375	-2046.15	-2067.71
6	GUIDE	255203768	9.04	7255	0.056	0.059	0.069	0.112	126.964842	29.088461	-619.46	-511.80
7	GUIDE	255202144	9.30	7233	0.111	0.034	0.076	0.123	126.797640	28.931420	-1315.86	-177.94

2.4 Star Slots

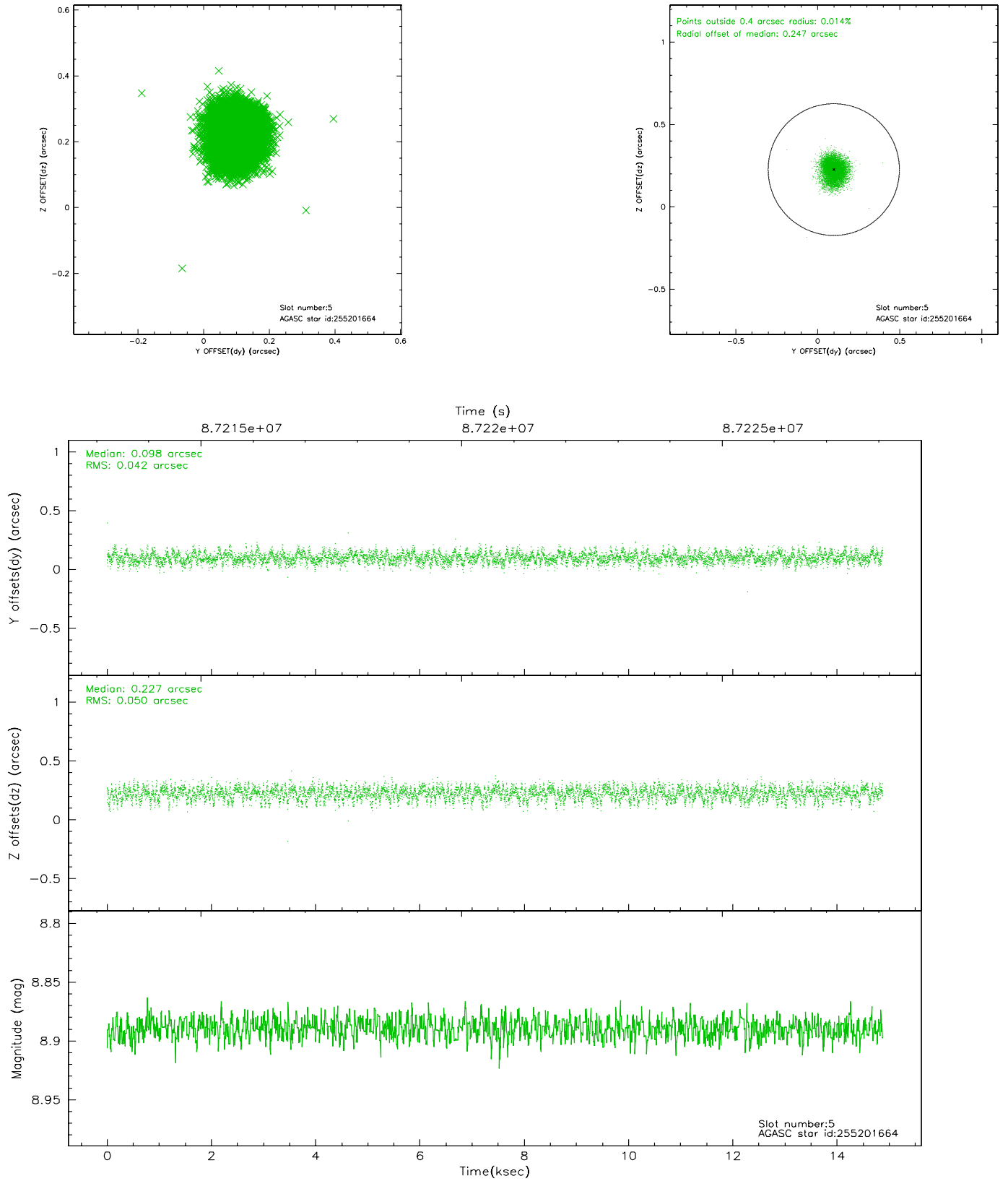
2.4.1 Slot 3



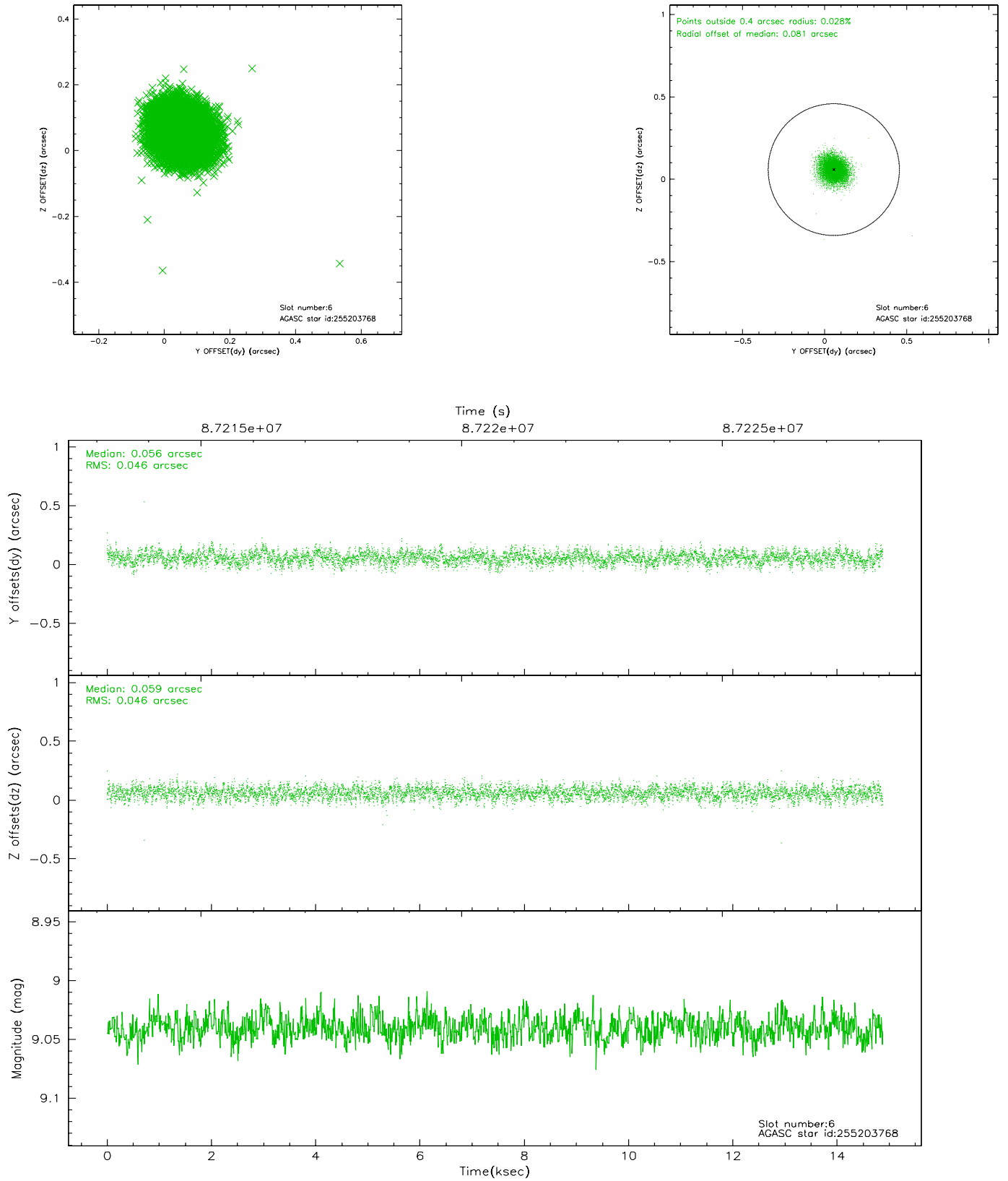
2.4.2 Slot 4



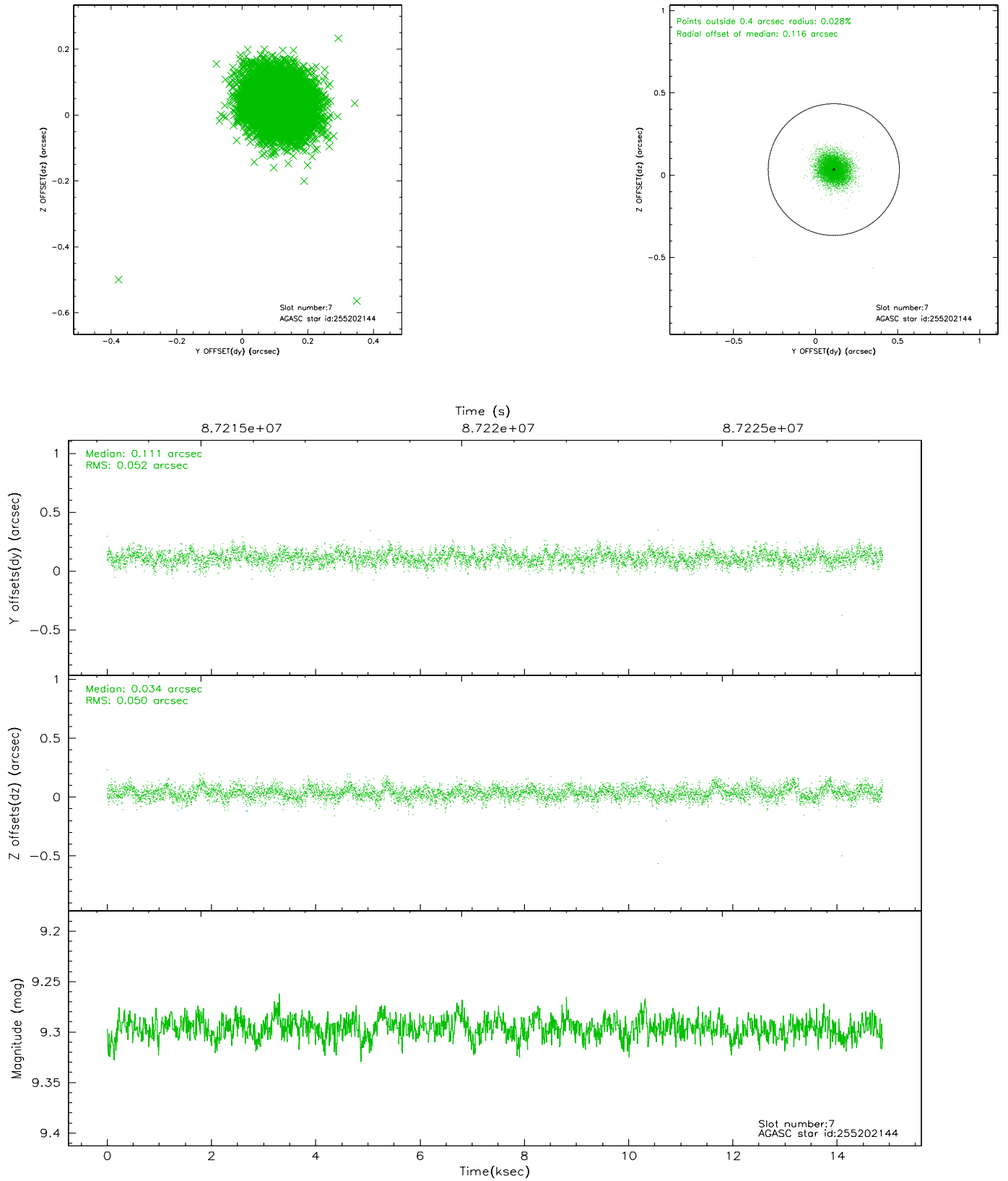
2.4.3 Slot 5



2.4.4 Slot 6

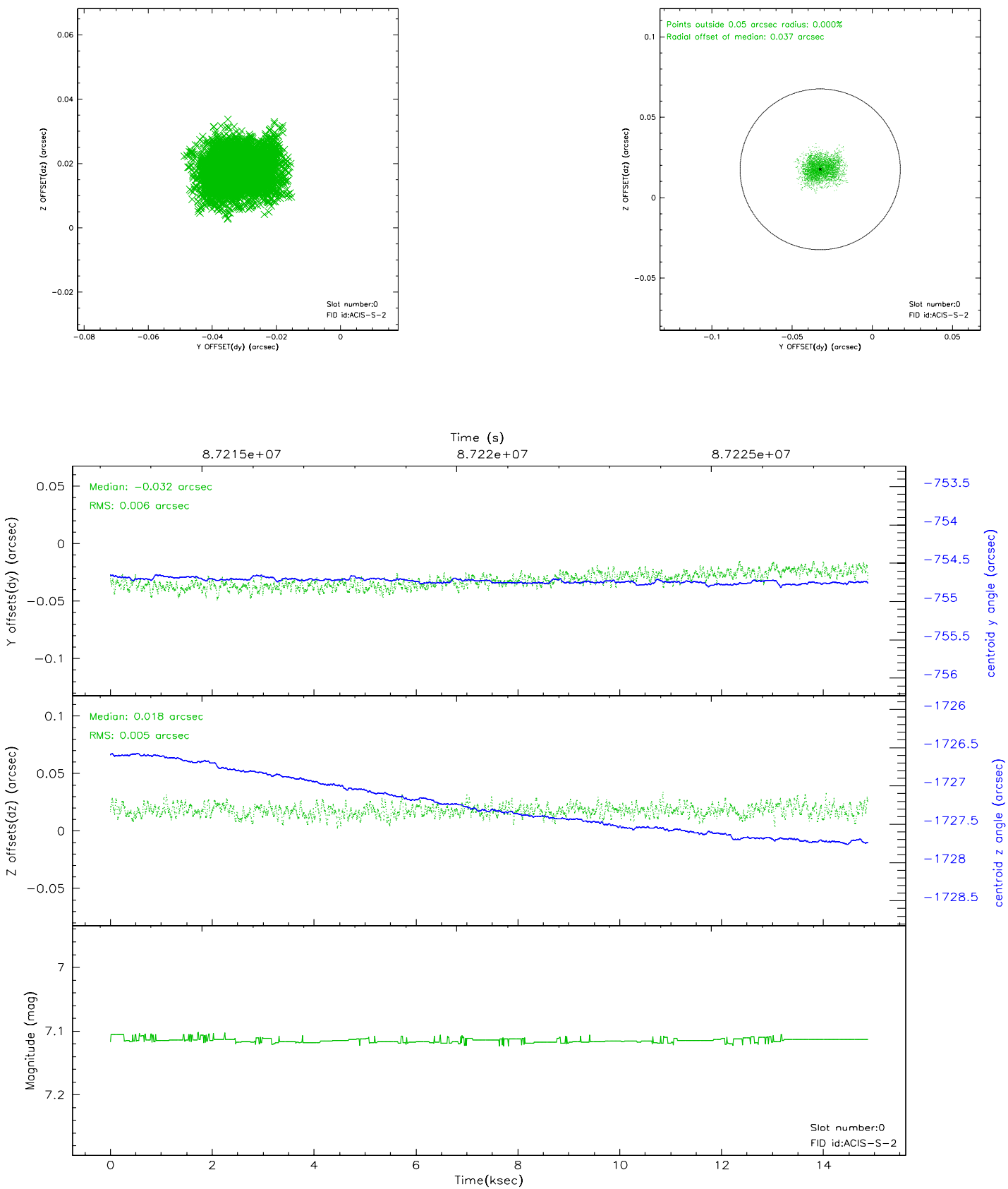


2.4.5 Slot 7

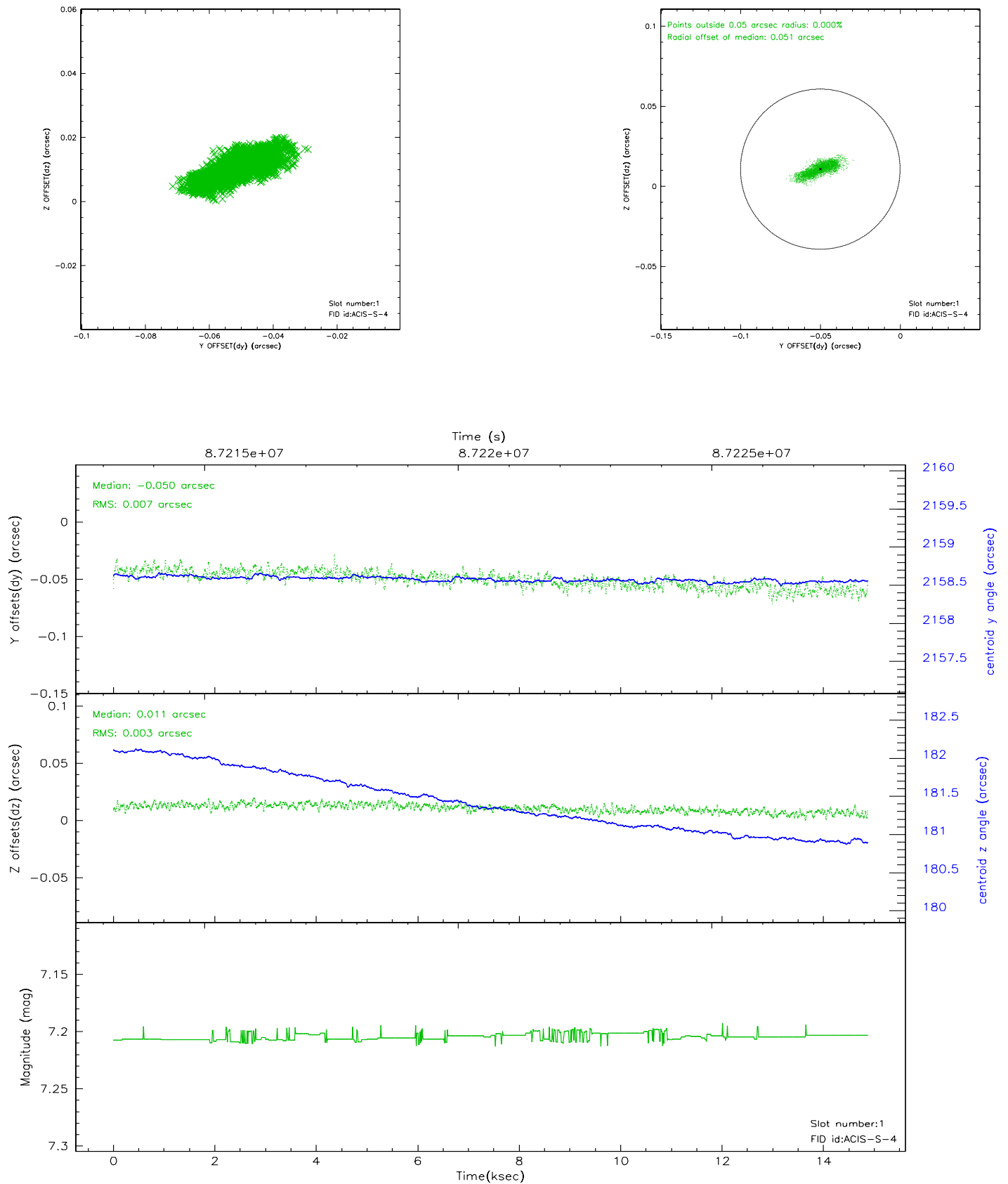


2.5 FID Slots

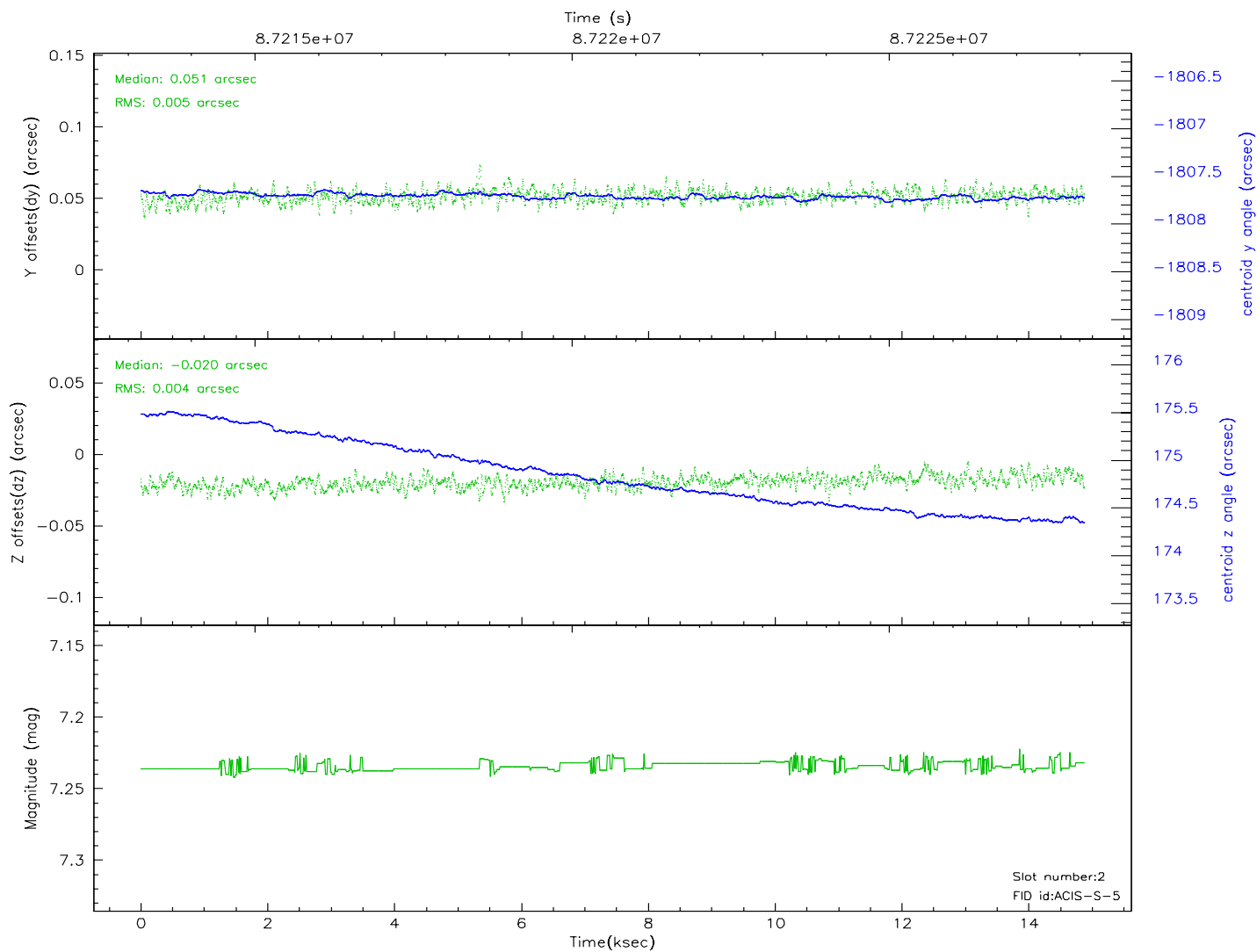
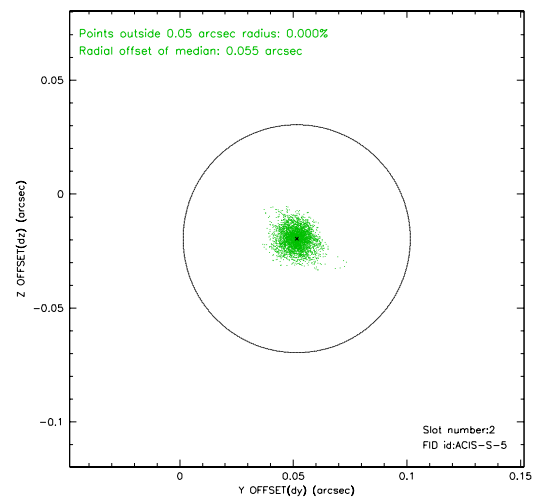
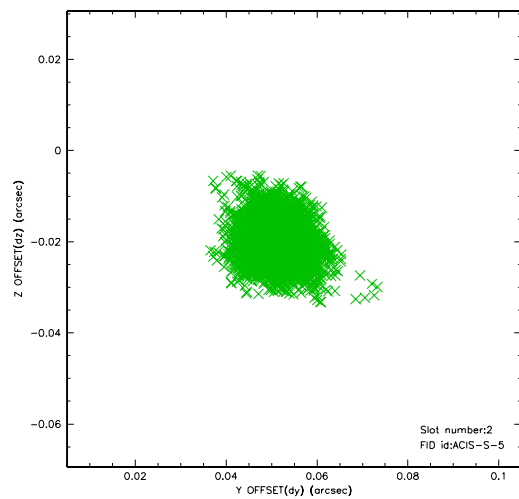
2.5.1 Slot 0



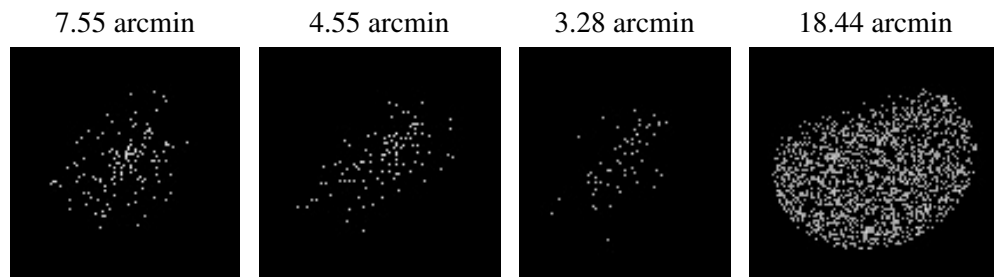
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2007.06.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.848

A.2 Comments