

V&V Reference Report

L2 ASCDS Version : 7.6.10

Observation 3157 - L2 Version 001
Chandra X-Ray Center

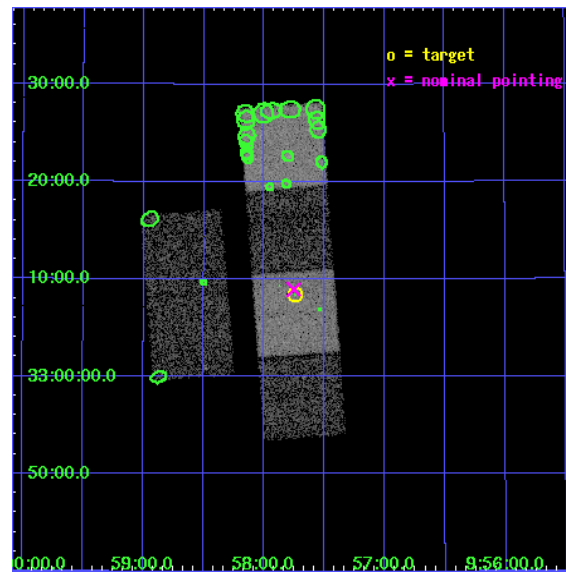
L2 Processing Date : Jan 16 2007

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1 Front

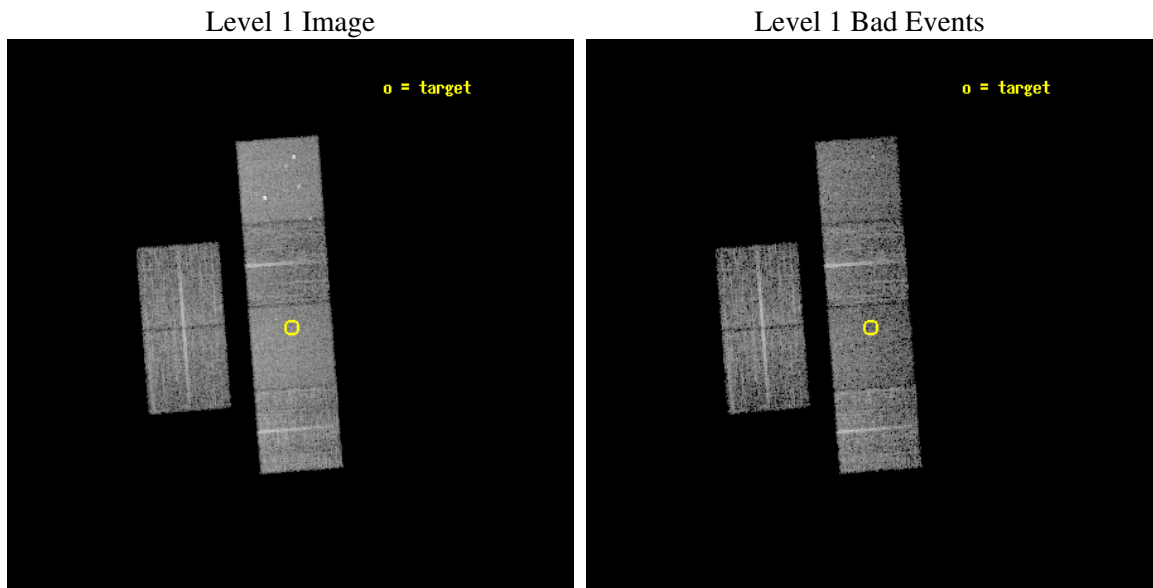
seq_num	700596
obs_id	3157
title	A CHANDRA SURVEY OF THE MOST LUMINOUS QUASARS AT $Z > 4$
observer	Professor Gordon Garmire
object	PSS0957+3308
dtcycle	0
cycle	P
ra_targ	149.435417
dec_targ	33.139722
ra_nom	149.43821482422
dec_nom	33.14918412862
roll_nom	85.674556793554
revision	2
ontime	6112.0000056922
livetime	6034.6061814156
ontime2	6112.0000056922
ontime3	6112.0000056922
ontime5	6112.0000056922
ontime6	6112.0000056922
ontime7	6112.0000056922
ontime8	6112.0000056922
l2events	62830



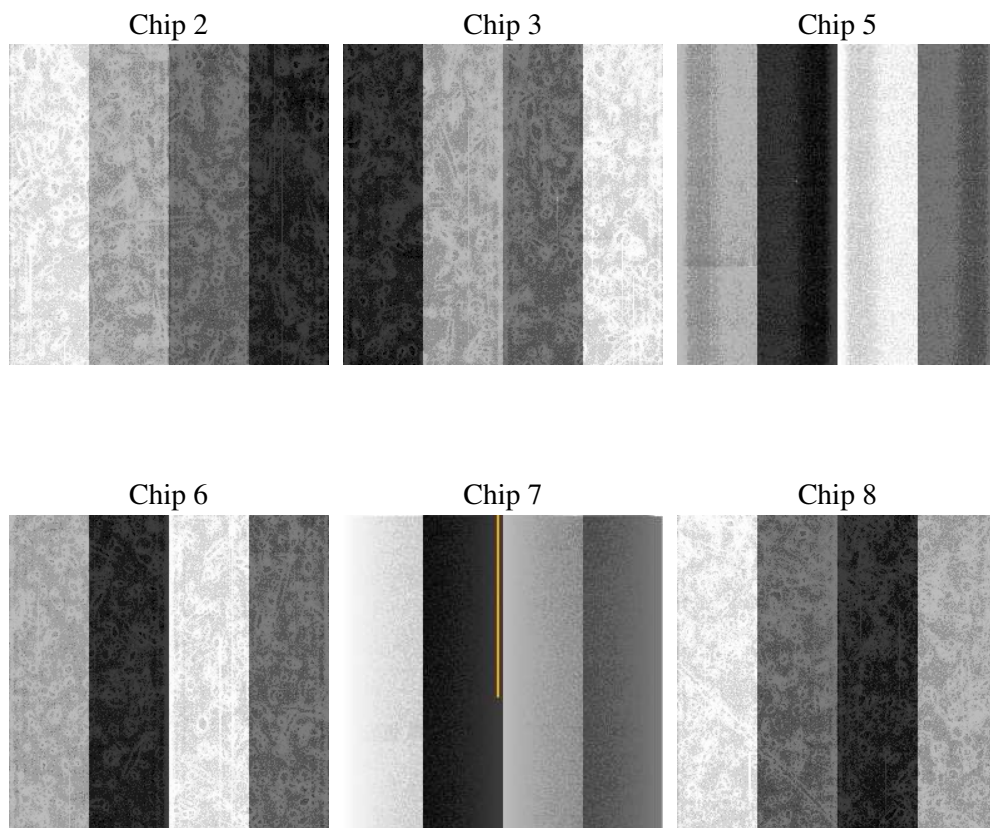
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.10
caldbver	3.3.0
date	2007-01-17T00:54:55
revision	2

sched_exp_time	6000.000000
ontime	6112.0000056922
ontime2	6112.0000056922
ontime3	6112.0000056922
ontime5	6112.0000056922
ontime6	6112.0000056922
ontime7	6112.0000056922
ontime8	6112.0000056922
l1events	285623

2.1.4 Events

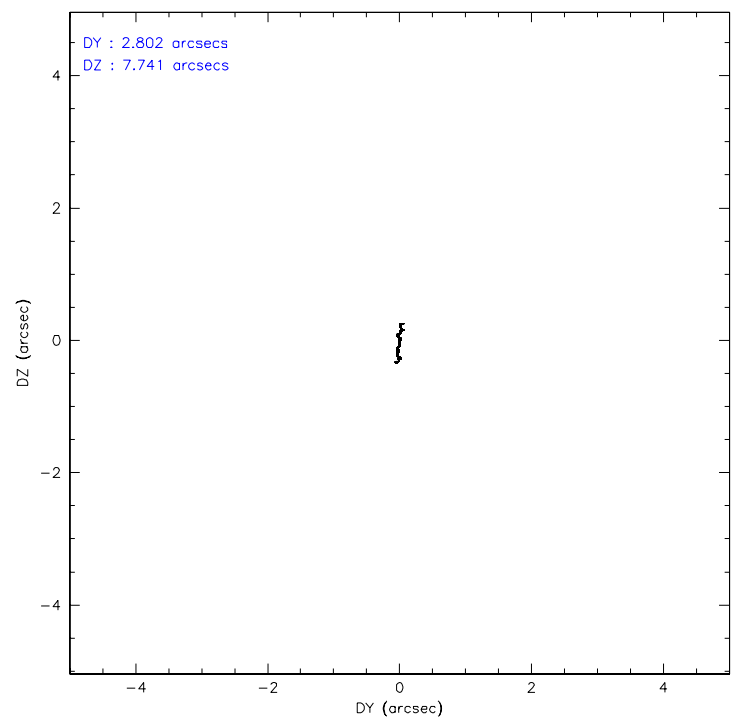
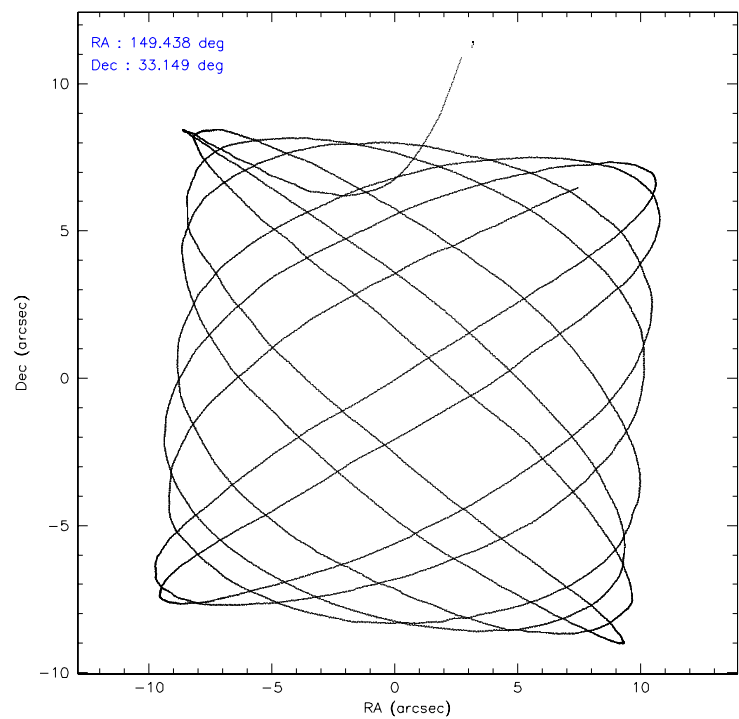
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	40641	40271	58943	40935	52387	52446
rejected events	35903	35695	31329	36155	30569	42062
rejected %	88%	88%	53%	88%	58%	80%

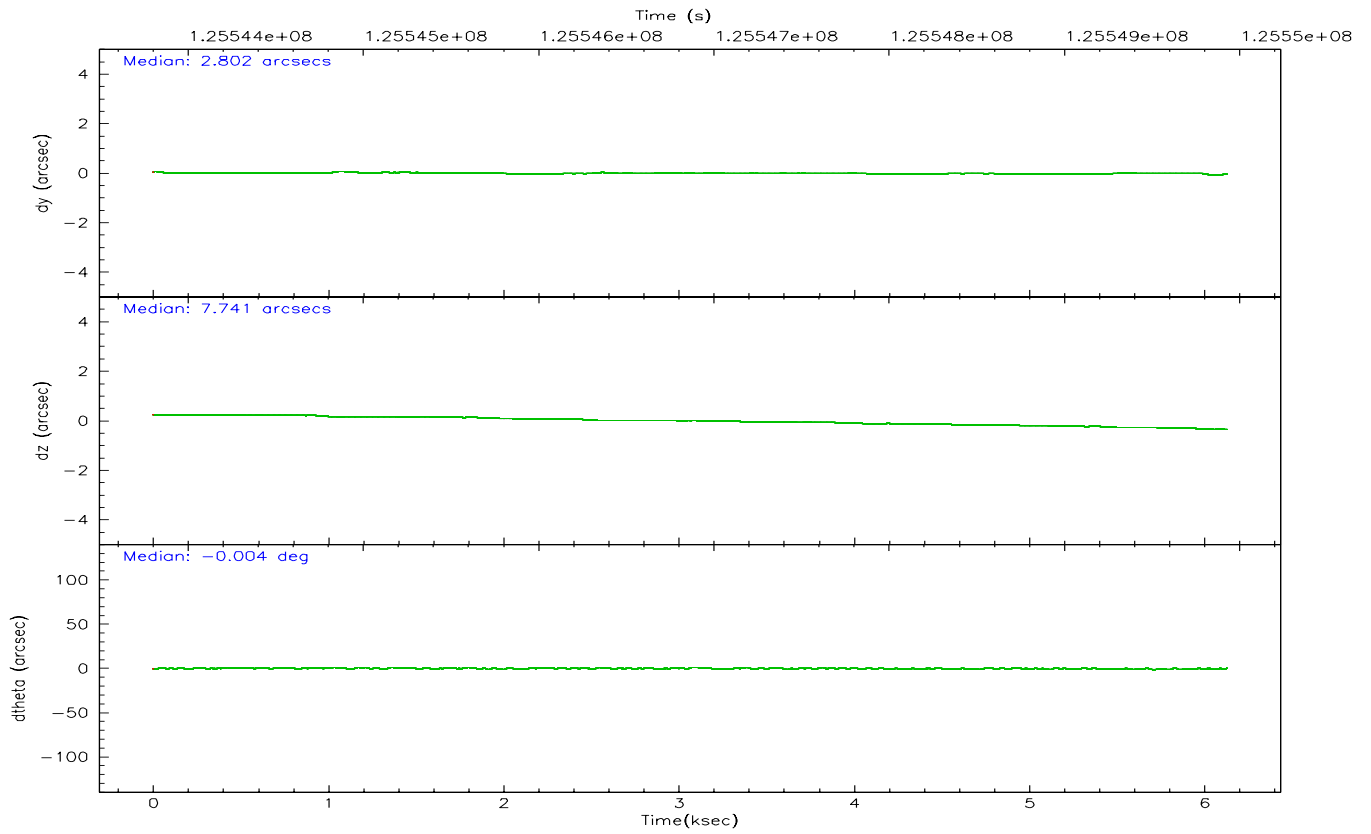
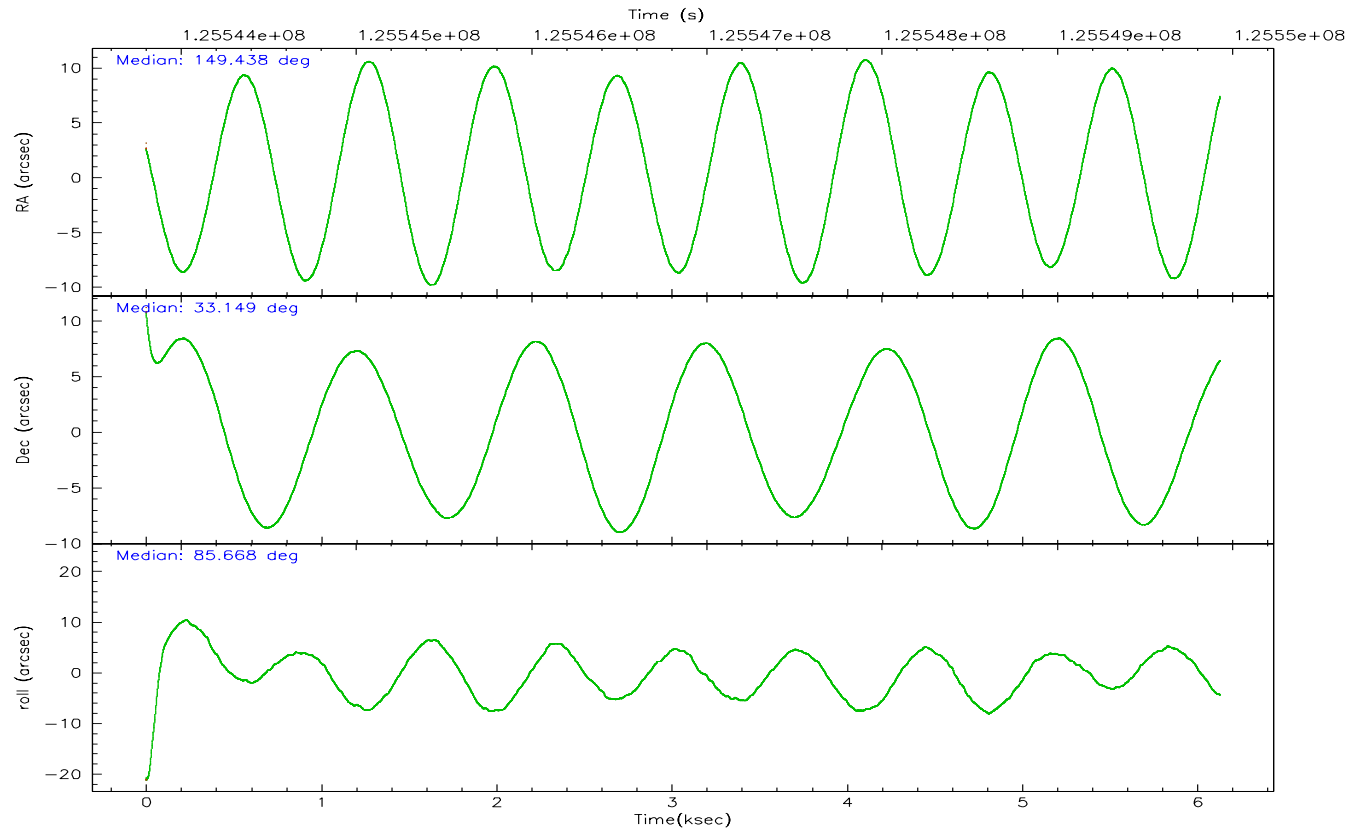
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	1982	1975	4003	1907	2071	3215
	4%	4%	6%	4%	3%	6%
grade 1 events	21	25	162	17	40	30
	0%	0%	0%	0%	0%	0%
grade 2 events	1019	862	7644	955	4278	2259
	2%	2%	12%	2%	8%	4%
grade 3 events	463	450	1075	473	1956	1139
	1%	1%	1%	1%	3%	2%
grade 4 events	451	470	1123	489	1999	1080
	1%	1%	1%	1%	3%	2%
grade 5 events	1361	1514	4426	1810	5049	2238
	3%	3%	7%	4%	9%	4%
grade 6 events	832	824	13798	961	11538	2714
	2%	2%	23%	2%	22%	5%
grade 7 events	34512	34151	26712	34323	25456	39771
	84%	84%	45%	83%	48%	75%

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	149.452771	149.4382148242173	Subarray requested	NONE	NONE
Pointing Dec	33.124708	33.14918412861996	Alternating exposures requested	N	N
Pointing Roll	85.510006	85.67455679355366	Primary exposure time	0.000000	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	125543928.184000	125542892.13425			
Observation start date	2001-12-24T01:17:44	2001-12-24T01:01:32			
Observation end time	125549928.184000	125550624.22206			
Observation end date	2001-12-24T02:57:44	2001-12-24T03:10:24			
Read mode	TIMED	TIMED			

2.3 Aspect



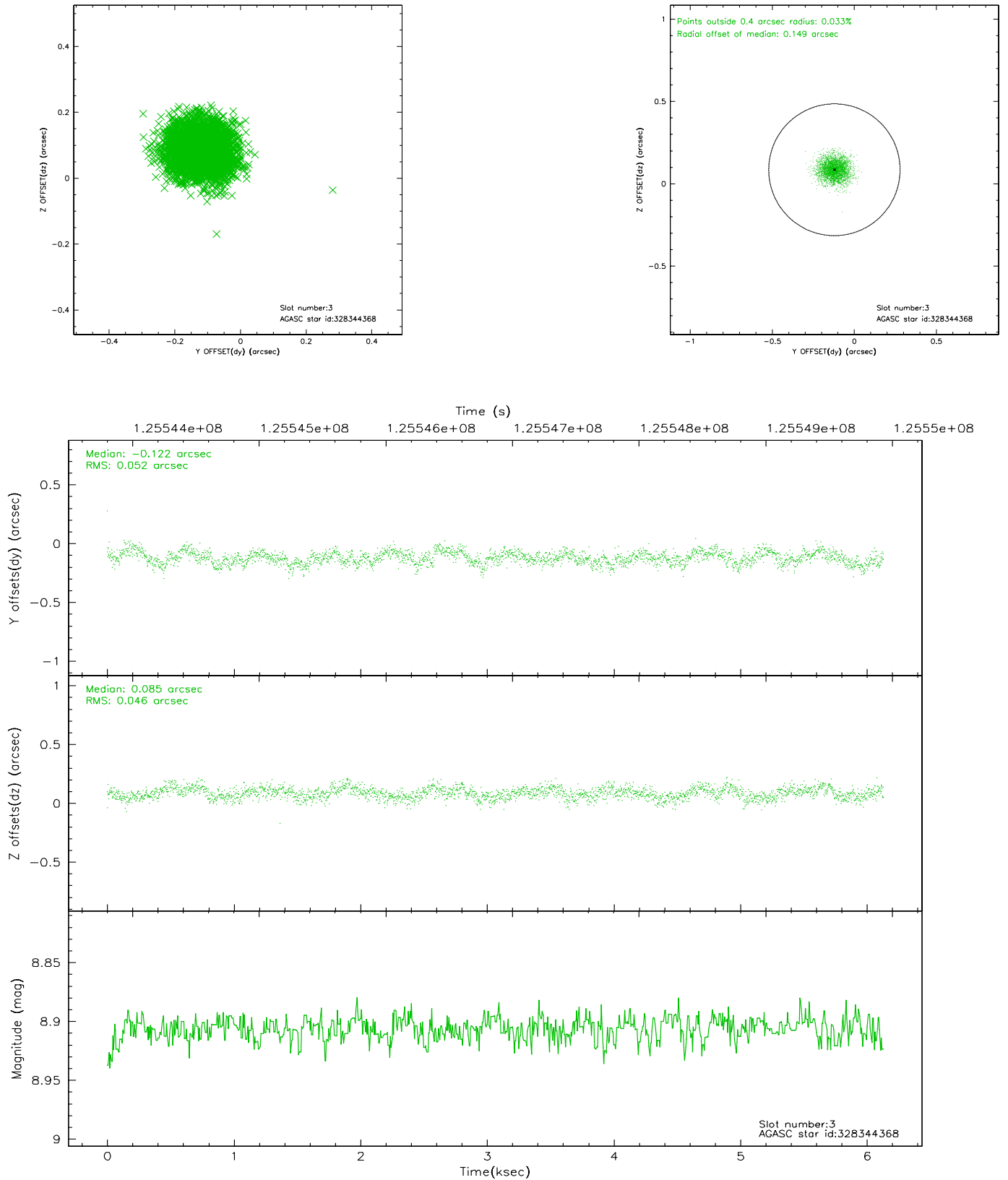


Slot Statistics

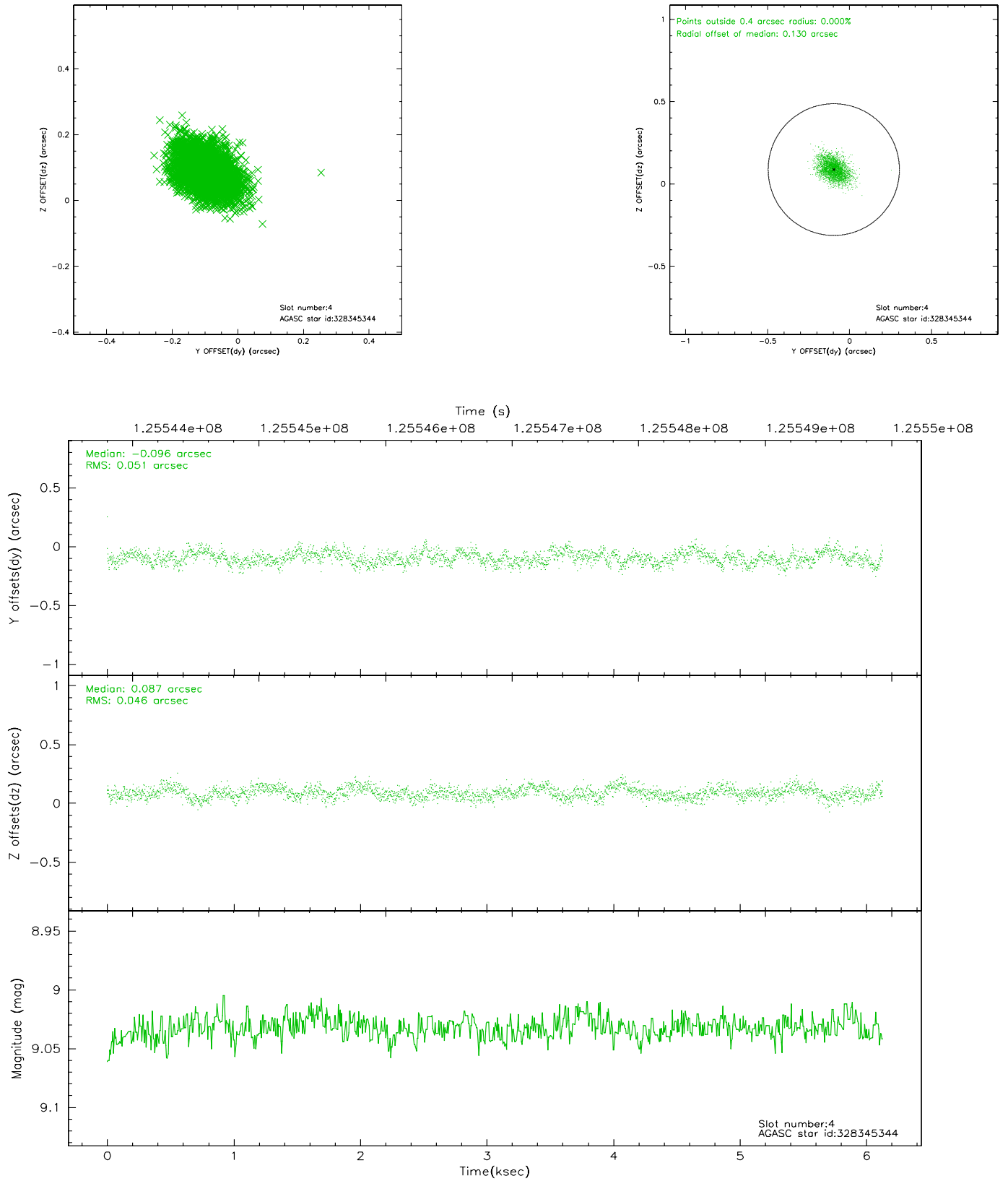
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1496	0.011	0.030	0.007	0.011	0.000000	0.000000	-755.43	-1728.88
1	FID	ACIS-S-4	7.20	1496	-0.100	-0.013	0.005	0.008	0.000000	0.000000	2157.31	178.55
2	FID	ACIS-S-5	7.24	1496	0.058	-0.008	0.006	0.010	0.000000	0.000000	-1806.98	173.34
3	GUIDE	328344368	8.91	2989	-0.122	0.085	0.073	0.119	149.773548	33.291354	675.28	-915.24
4	GUIDE	328345344	9.03	2990	-0.096	0.087	0.073	0.119	149.732704	33.386505	1006.89	-765.36
5	GUIDE	328346248	9.08	2988	-0.042	-0.067	0.071	0.119	149.076462	33.459911	1116.90	1221.05
6	GUIDE	328345960	9.51	2989	0.098	-0.266	0.101	0.164	148.640954	32.682689	-1769.22	2328.25
7	GUIDE	328346944	9.61	2990	0.158	0.161	0.081	0.131	149.688664	32.585419	-1878.85	-864.77

2.4 Star Slots

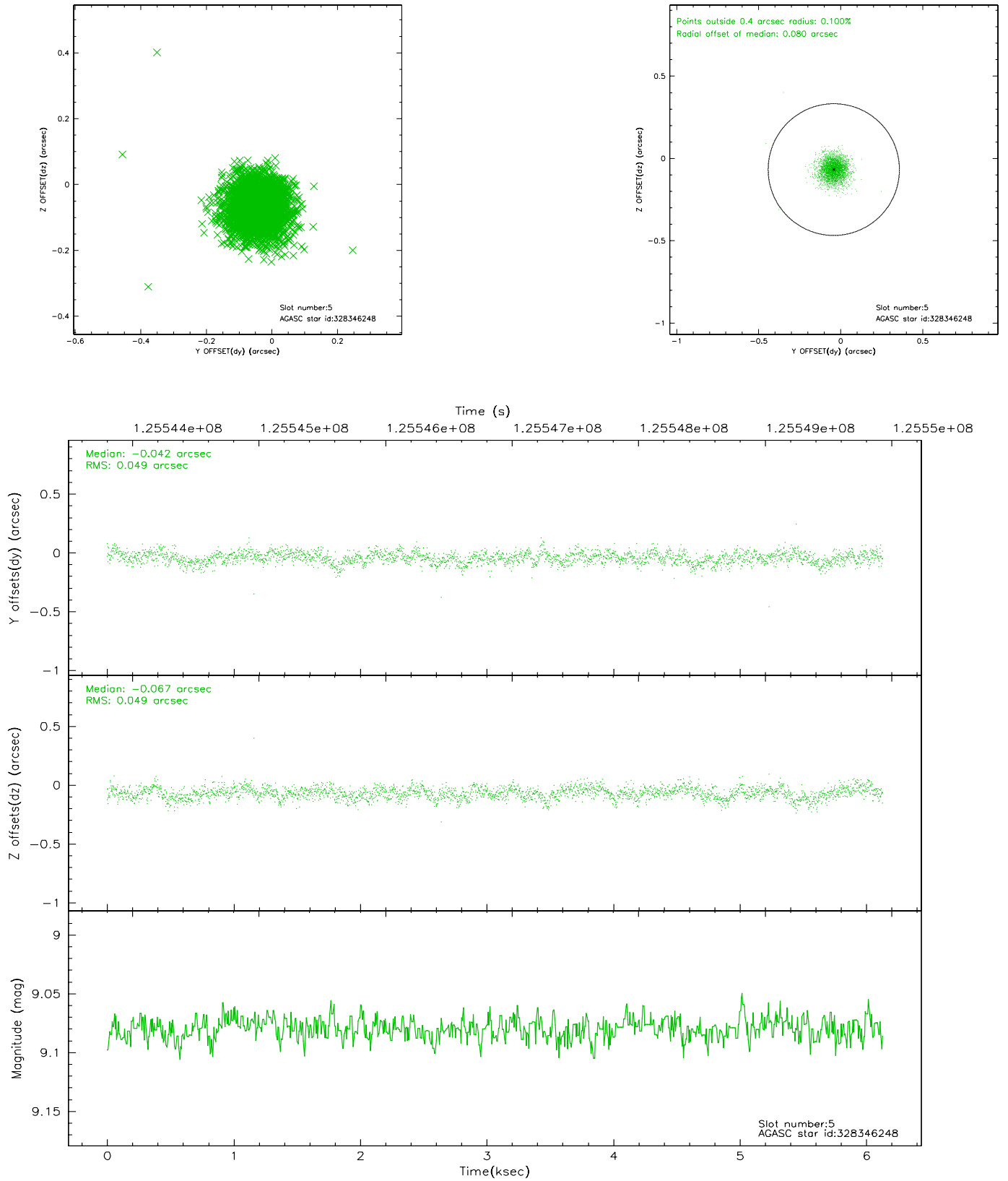
2.4.1 Slot 3



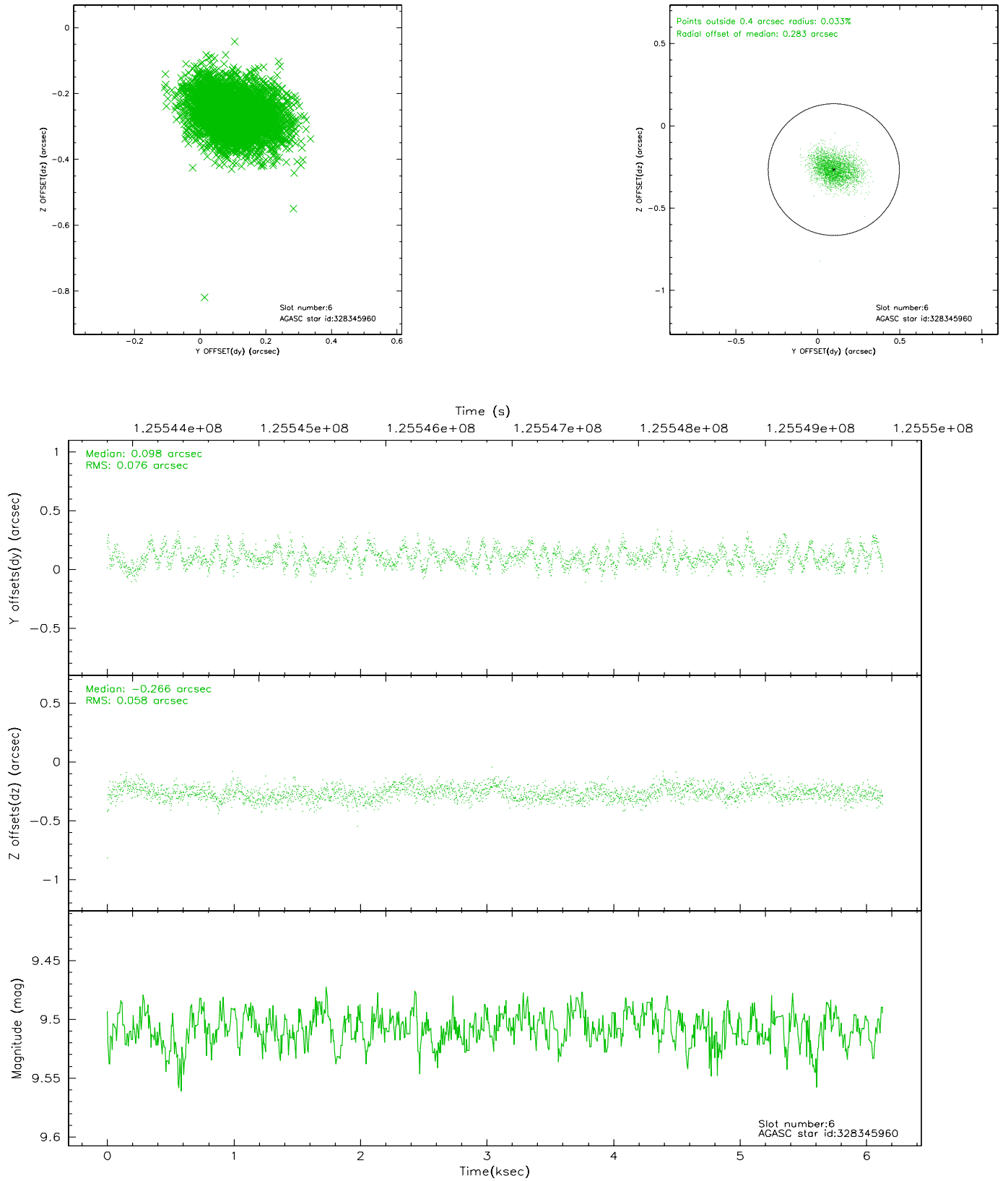
2.4.2 Slot 4



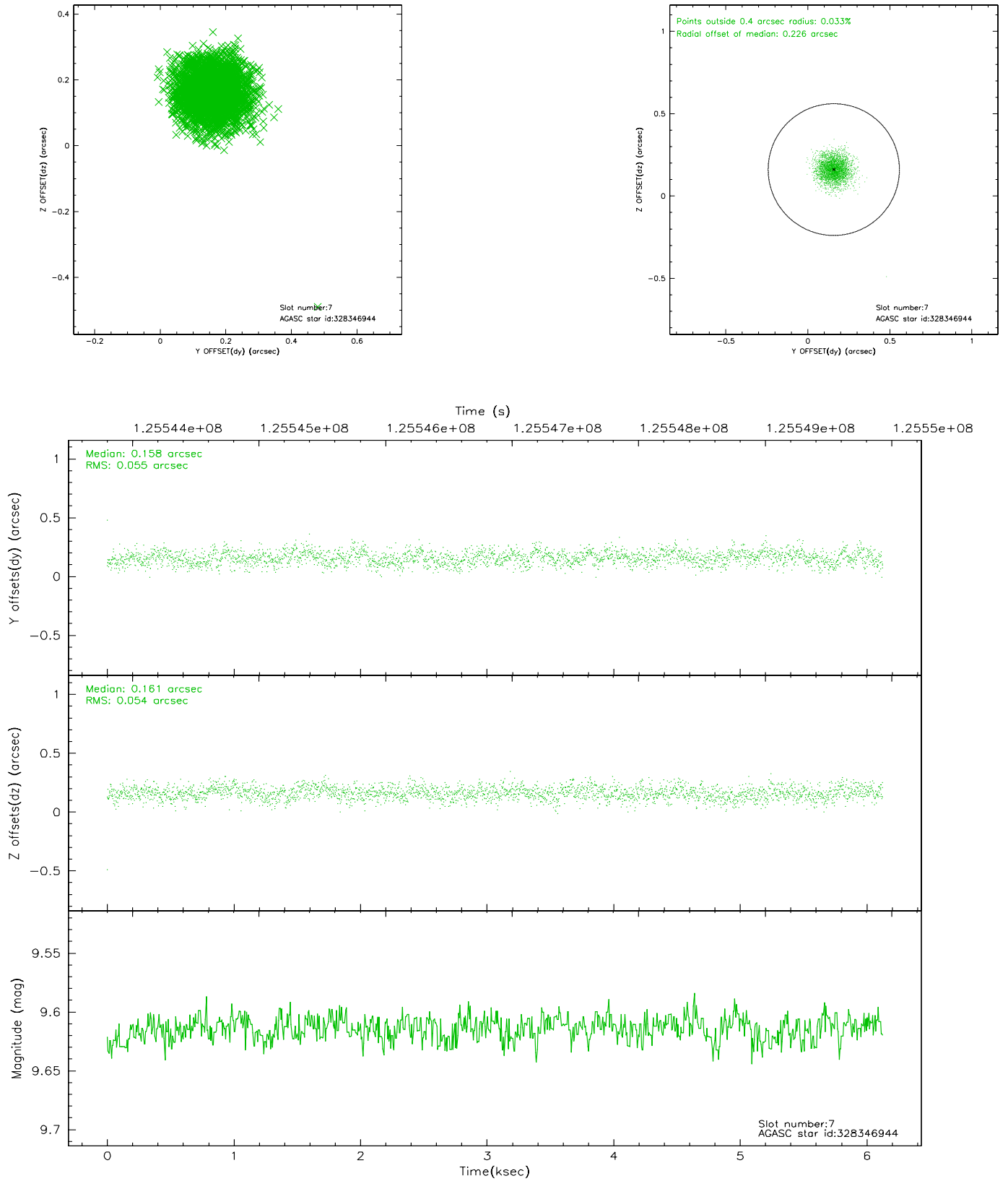
2.4.3 Slot 5



2.4.4 Slot 6

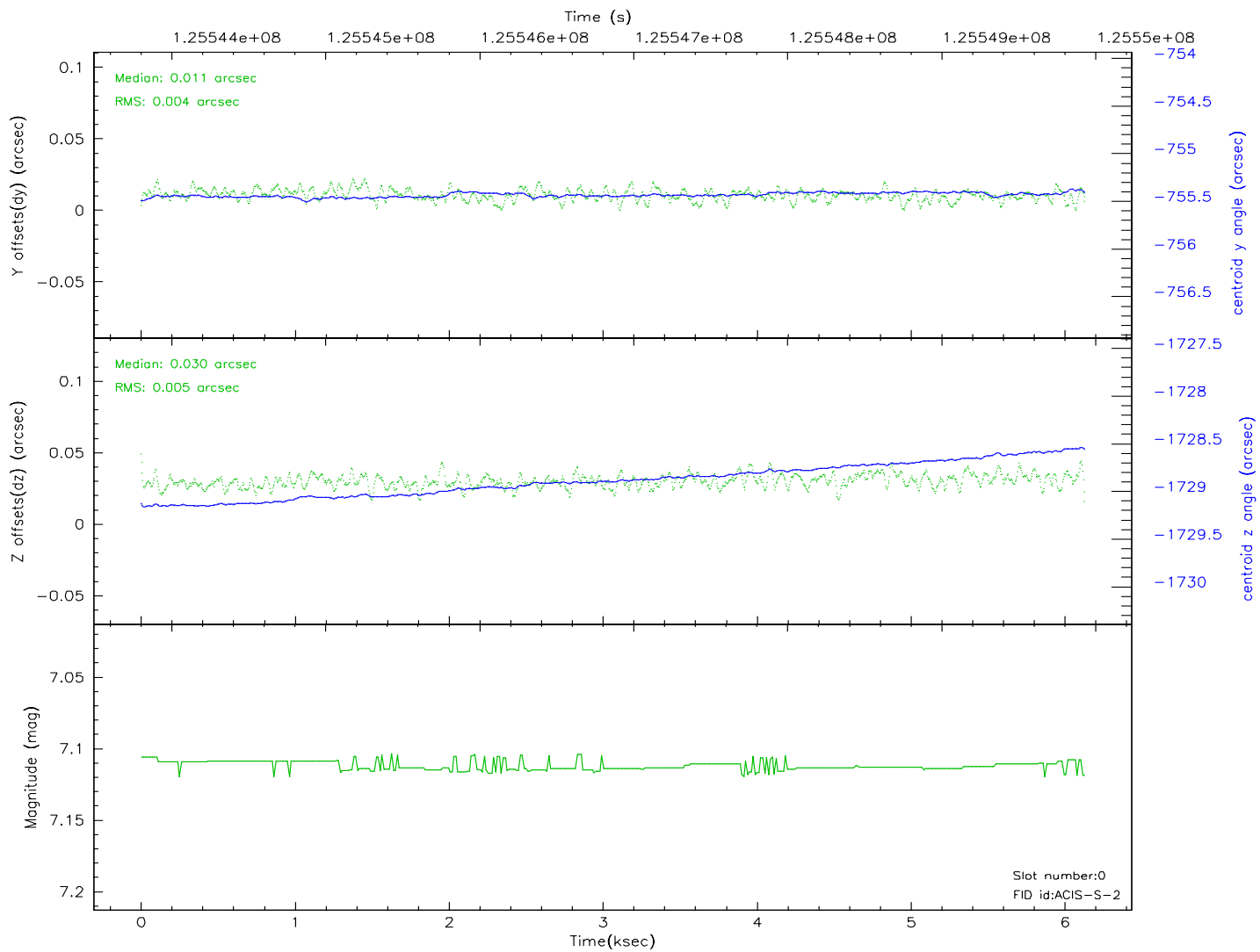
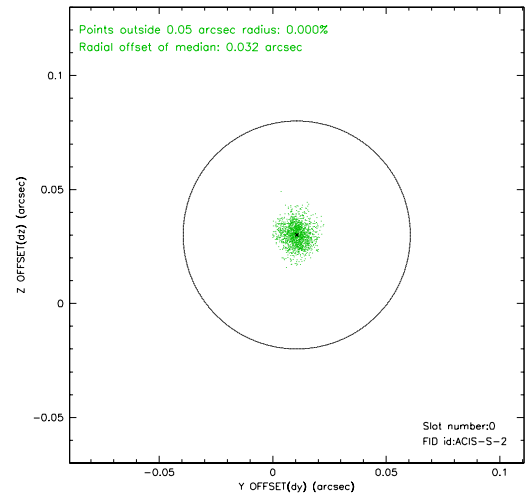
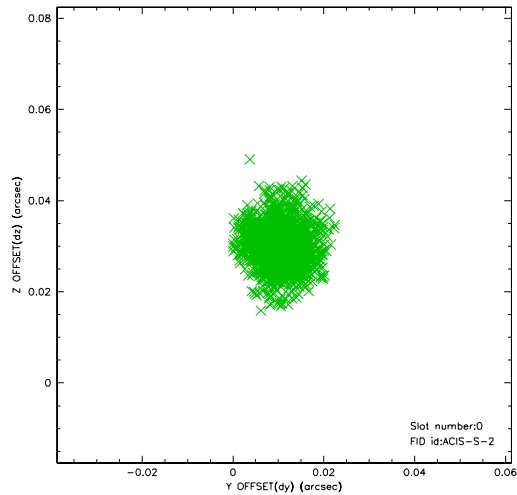


2.4.5 Slot 7

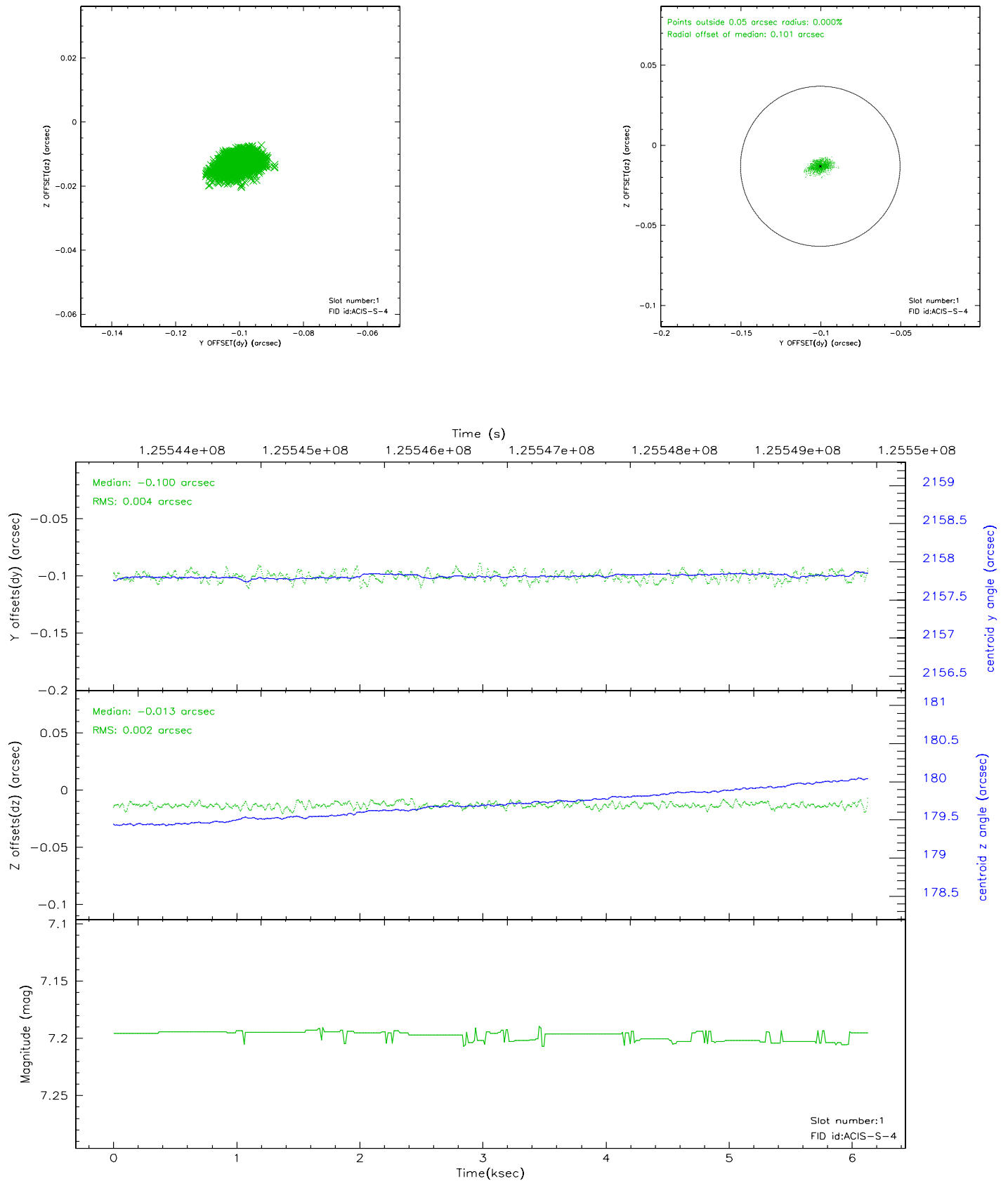


2.5 FID Slots

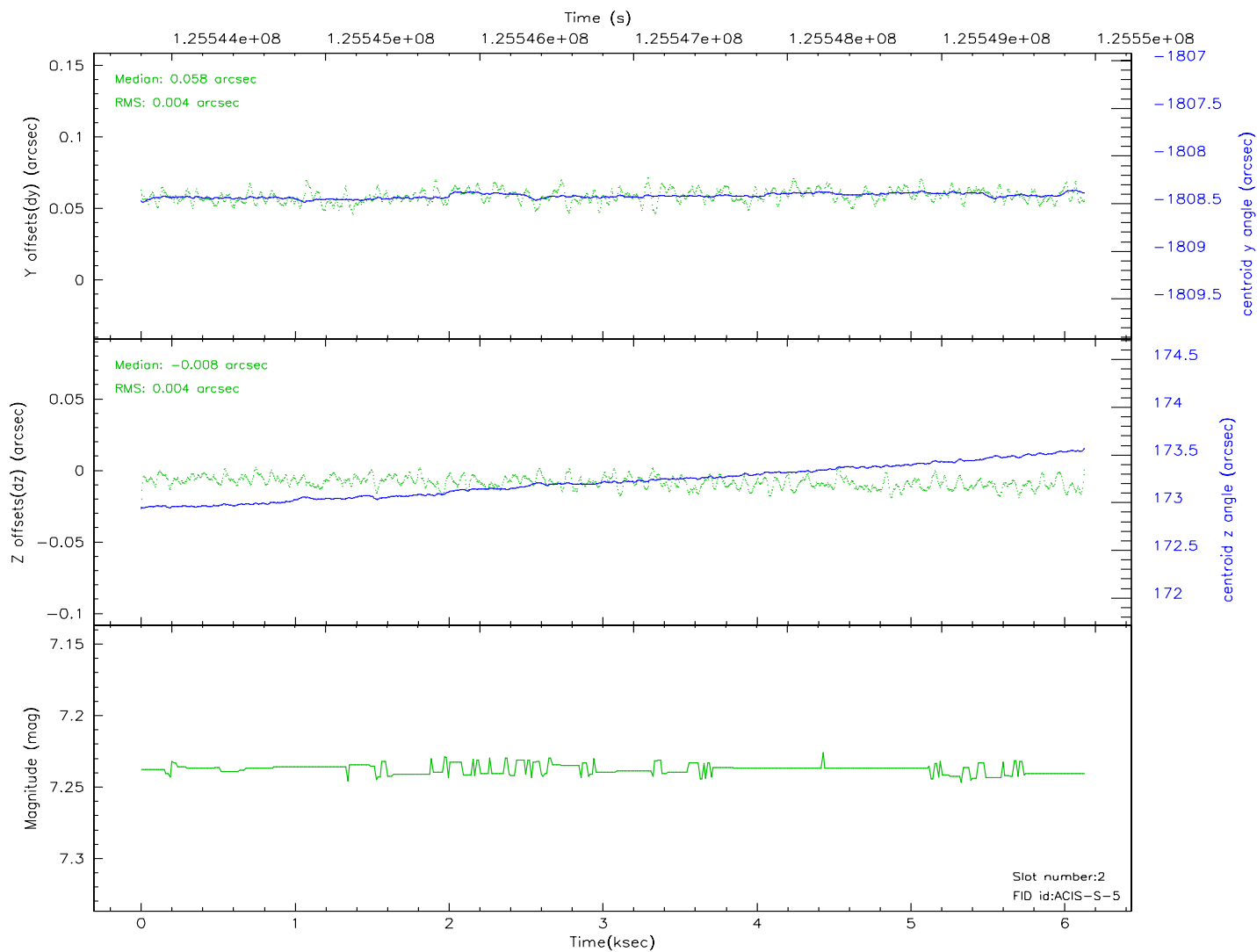
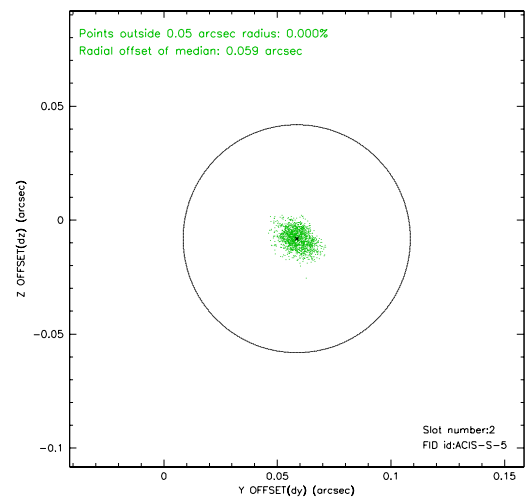
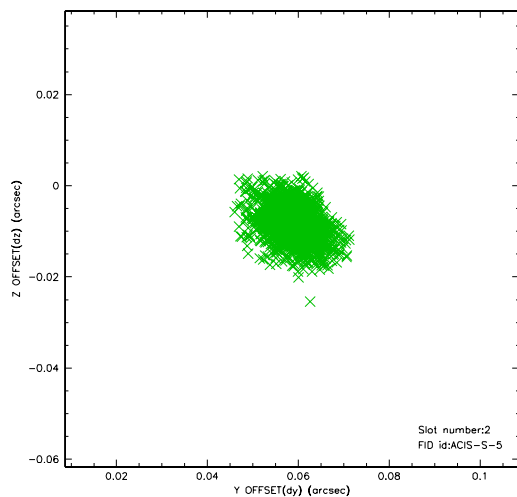
2.5.1 Slot 0



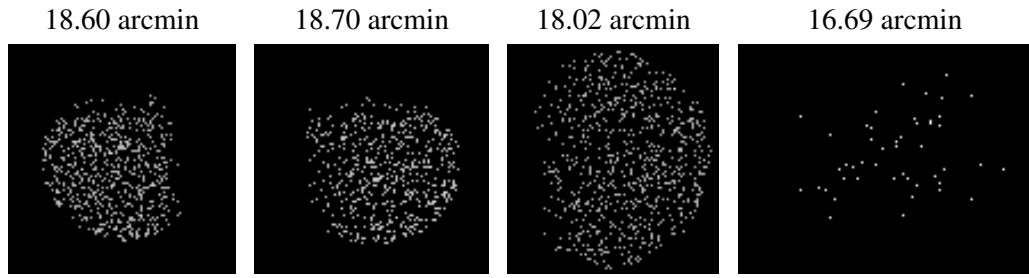
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.01.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.115

A.2 Comments