

V&V Reference Report

L2 ASCDS Version : 7.6.8.1

Observation 3032 - L2 Version 001
Chandra X-Ray Center

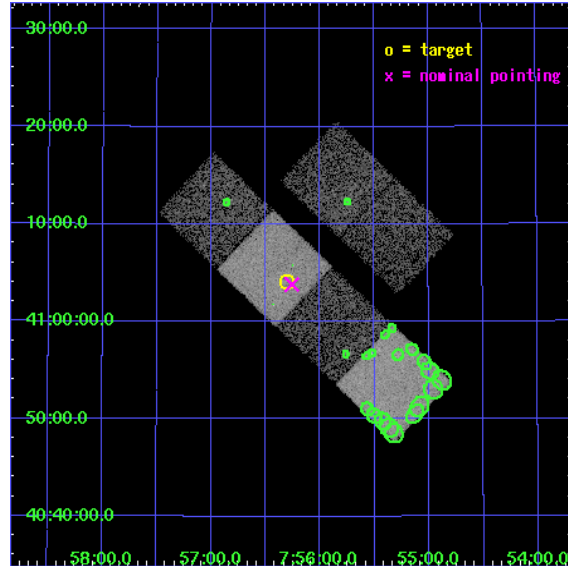
L2 Processing Date : Aug 31 2006

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1 Front

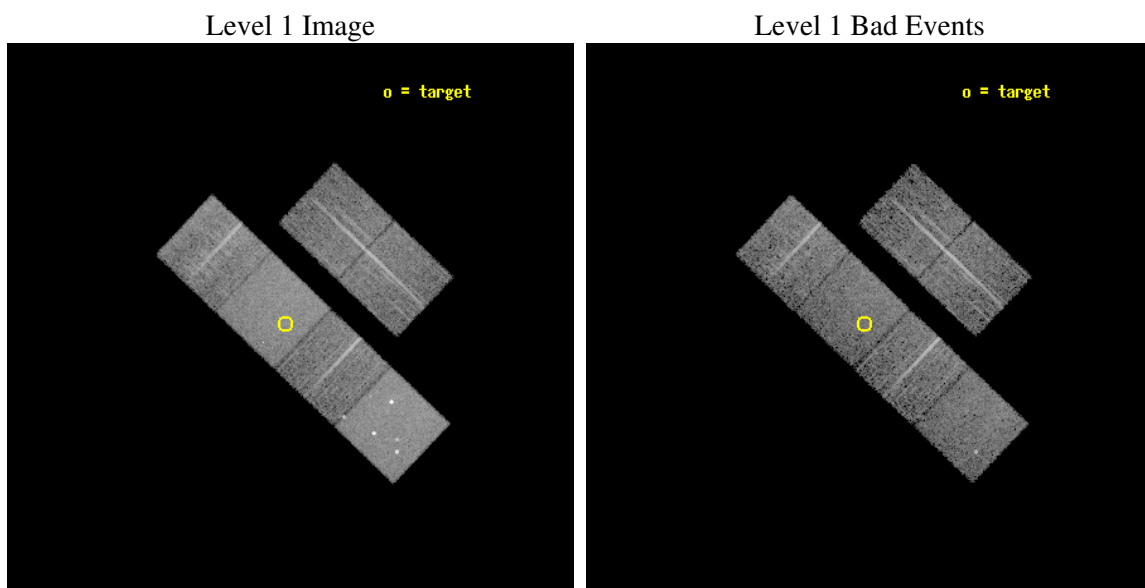
seq_num	700471
obs_id	3032
title	A CHANDRA AND XMM-NEWTON STUDY OF THE MOST DISTANT QUASARS: X-RAYING THE FIRST MASSIVE BLACK HOLES
observer	Prof. William Brandt
object	SDSS075618+410408
dtcycle	0
cycle	P
ra_targ	119.075417
dec_targ	41.069056
ra_nom	119.06472905998
dec_nom	41.063694201956
roll_nom	223.58237224142
revision	2
ontime	7420.8000069112
livetime	7326.8333689543
ontime2	7420.8000069112
ontime3	7420.8000069112
ontime5	7420.8000069112
ontime6	7420.8000069112
ontime7	7420.8000069112
ontime8	7420.8000069112
l2events	85158



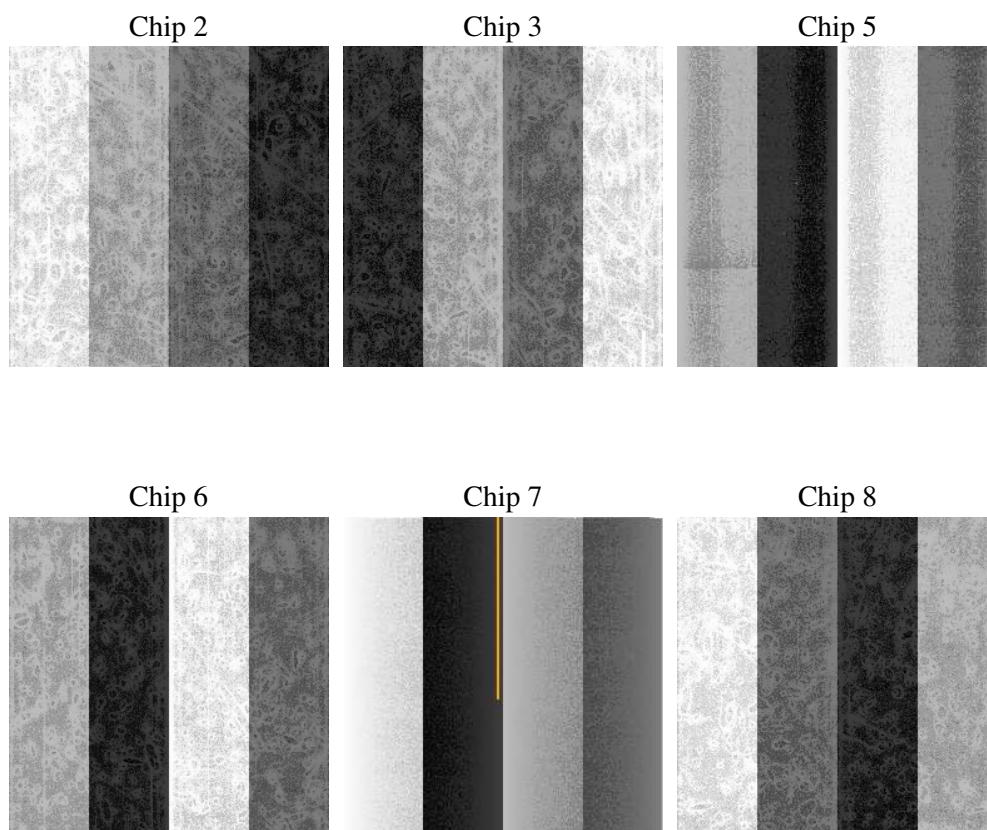
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8.1
caldsver	3.2.3
date	2006-08-31T15:14:35
revision	2

sched_exp_time	7459.988000
ontime	7425.1424897462
ontime2	7425.1424897462
ontime3	7425.1424897462
ontime5	7425.1424897462
ontime6	7425.1424897462
ontime7	7425.1424897462
ontime8	7425.1424897462
l1events	356102

2.1.4 Events

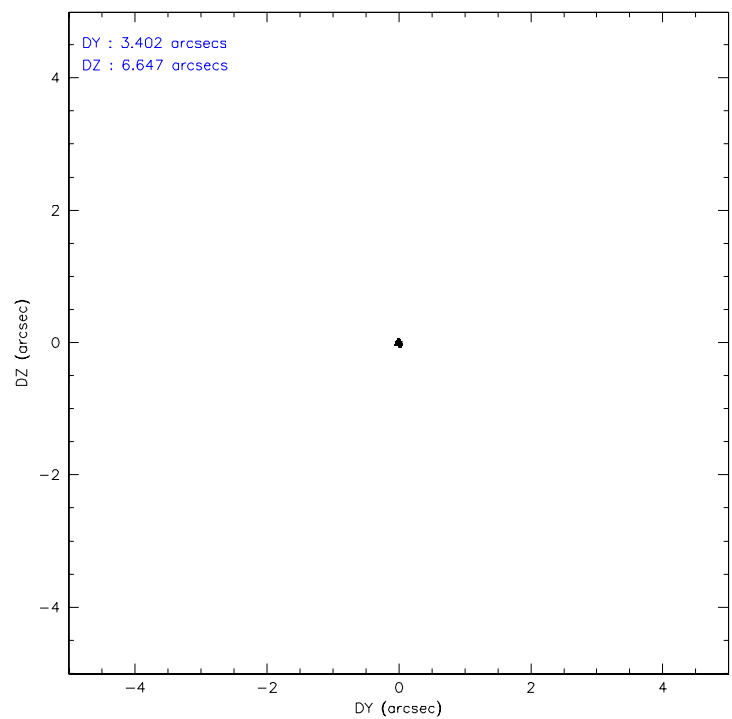
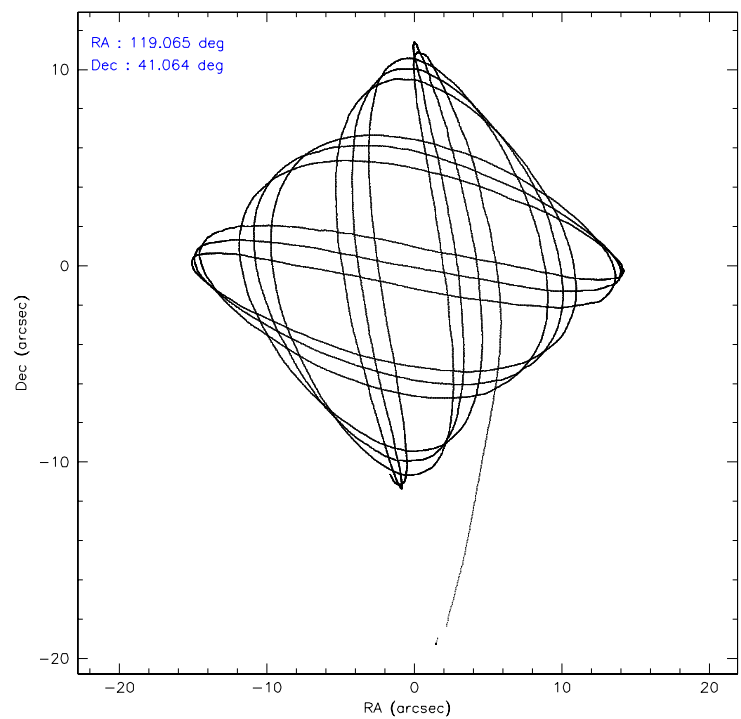
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	49053	46136	80772	49599	69801	60741
rejected events	43441	40270	39924	43765	39767	48143
rejected %	88%	87%	49%	88%	56%	79%

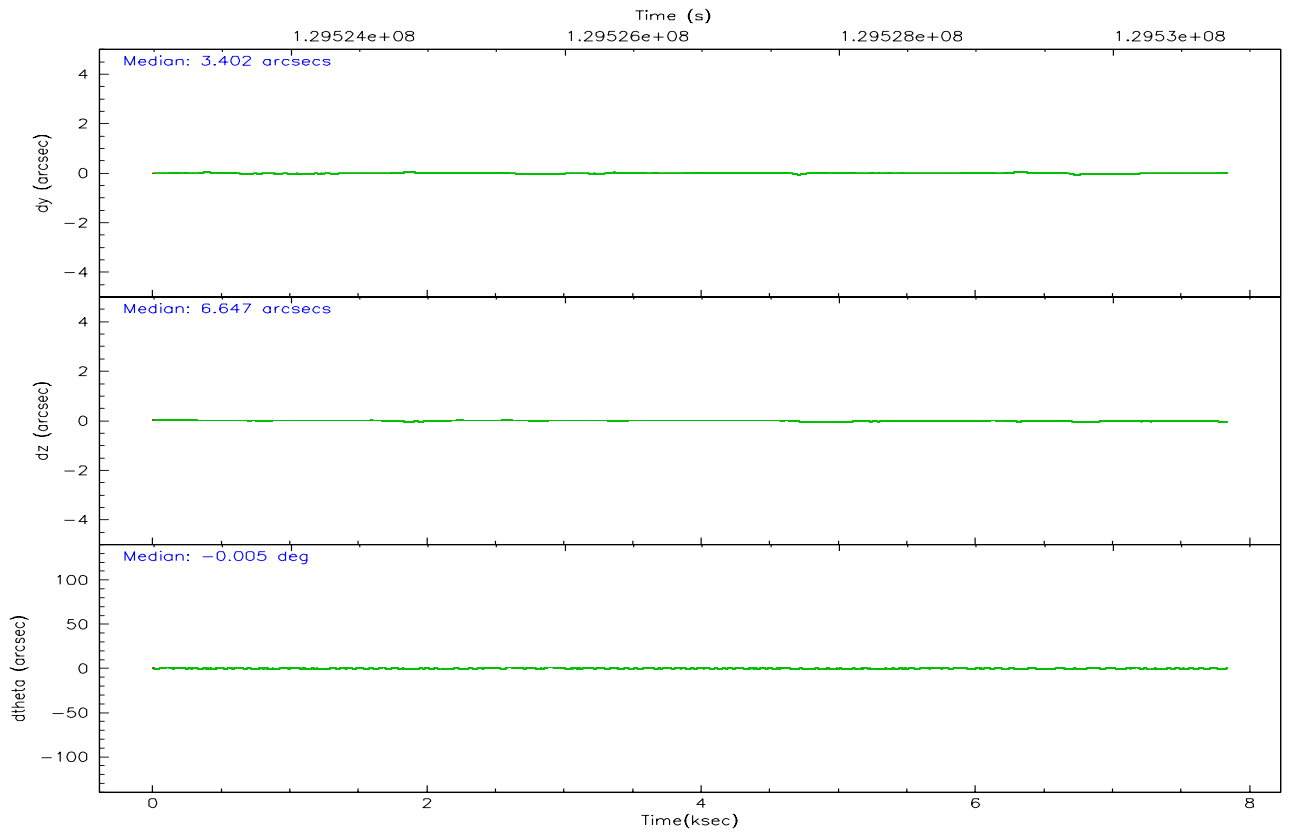
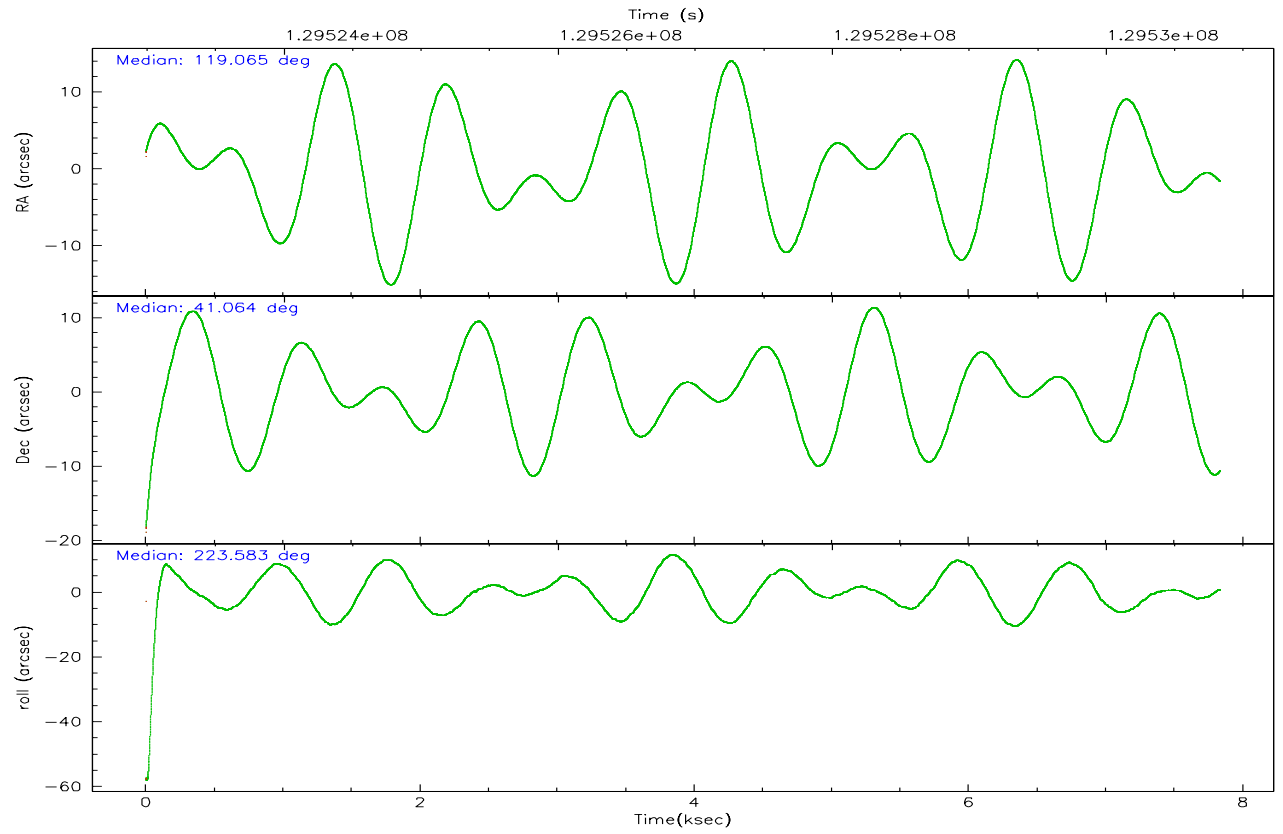
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	2290	2663	7528	2467	2193	3996
	4%	5%	9%	4%	3%	6%
grade 1 events	16	21	369	31	44	30
	0%	0%	0%	0%	0%	0%
grade 2 events	1287	1125	11258	1177	7110	2740
	2%	2%	13%	2%	10%	4%
grade 3 events	544	539	981	513	1737	1332
	1%	1%	1%	1%	2%	2%
grade 4 events	493	528	957	558	1681	1198
	1%	1%	1%	1%	2%	1%
grade 5 events	1686	1899	3510	2091	4415	2642
	3%	4%	4%	4%	6%	4%
grade 6 events	1001	1016	20139	1124	17331	3333
	2%	2%	24%	2%	24%	5%
grade 7 events	41736	38345	36030	41638	35290	45470
	85%	83%	44%	83%	50%	74%

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	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	NONE	NONE
Pointing RA	119.074465	119.0647290599812	Alternating exposures requested	N	N
Pointing Dec	41.089944	41.06369420195641	Primary exposure time	0.000000	3.2
Pointing Roll	223.419459	223.5823722414189			
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	129523369.184000	129522296.43186			
Observation start date	2002-02-08T02:41:45	2002-02-08T02:24:56			
Observation end time	129530829.184000	129531143.71971			
Observation end date	2002-02-08T04:46:05	2002-02-08T04:52:23			
Read mode	TIMED	TIMED			

2.3 Aspect



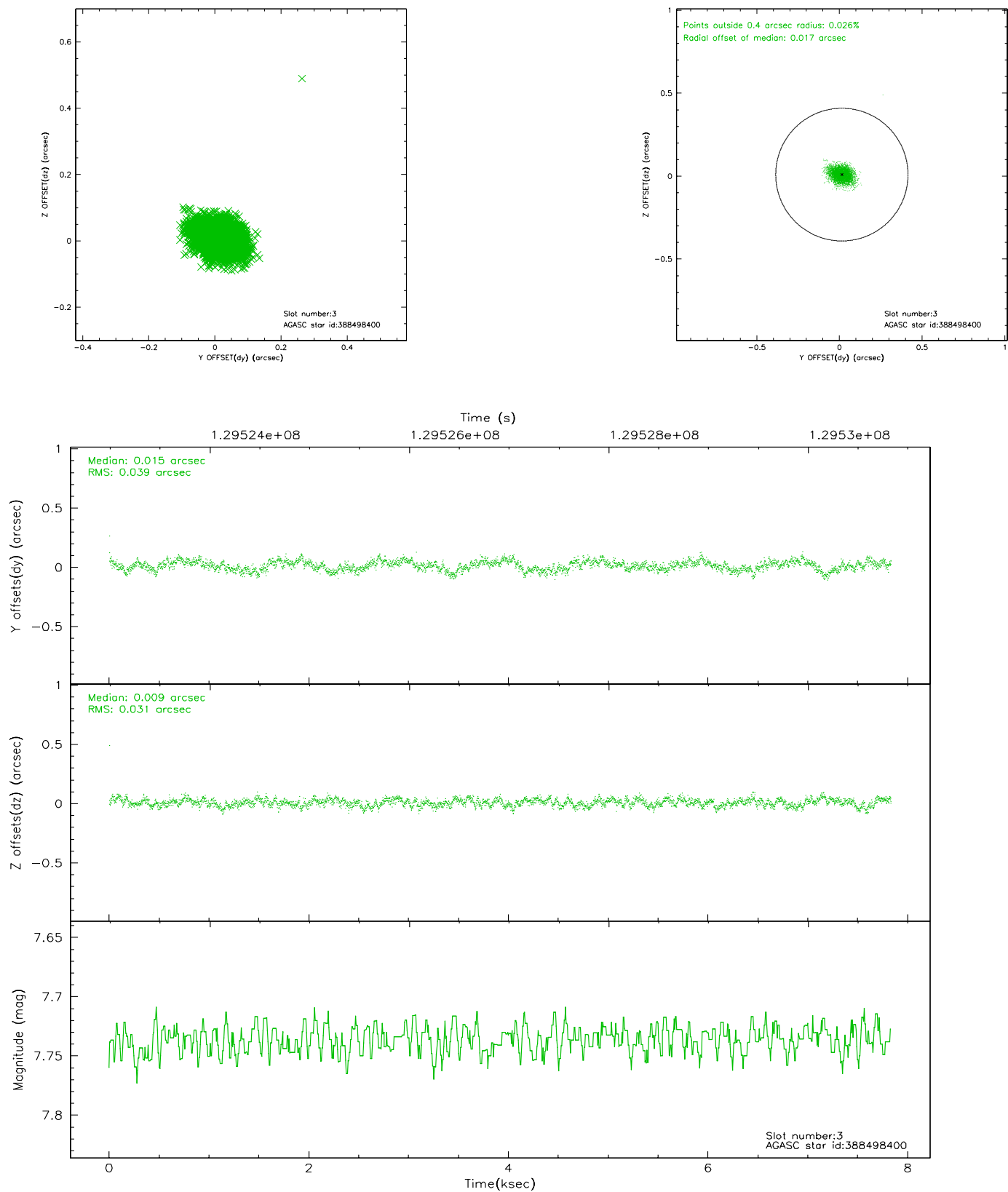


Slot Statistics

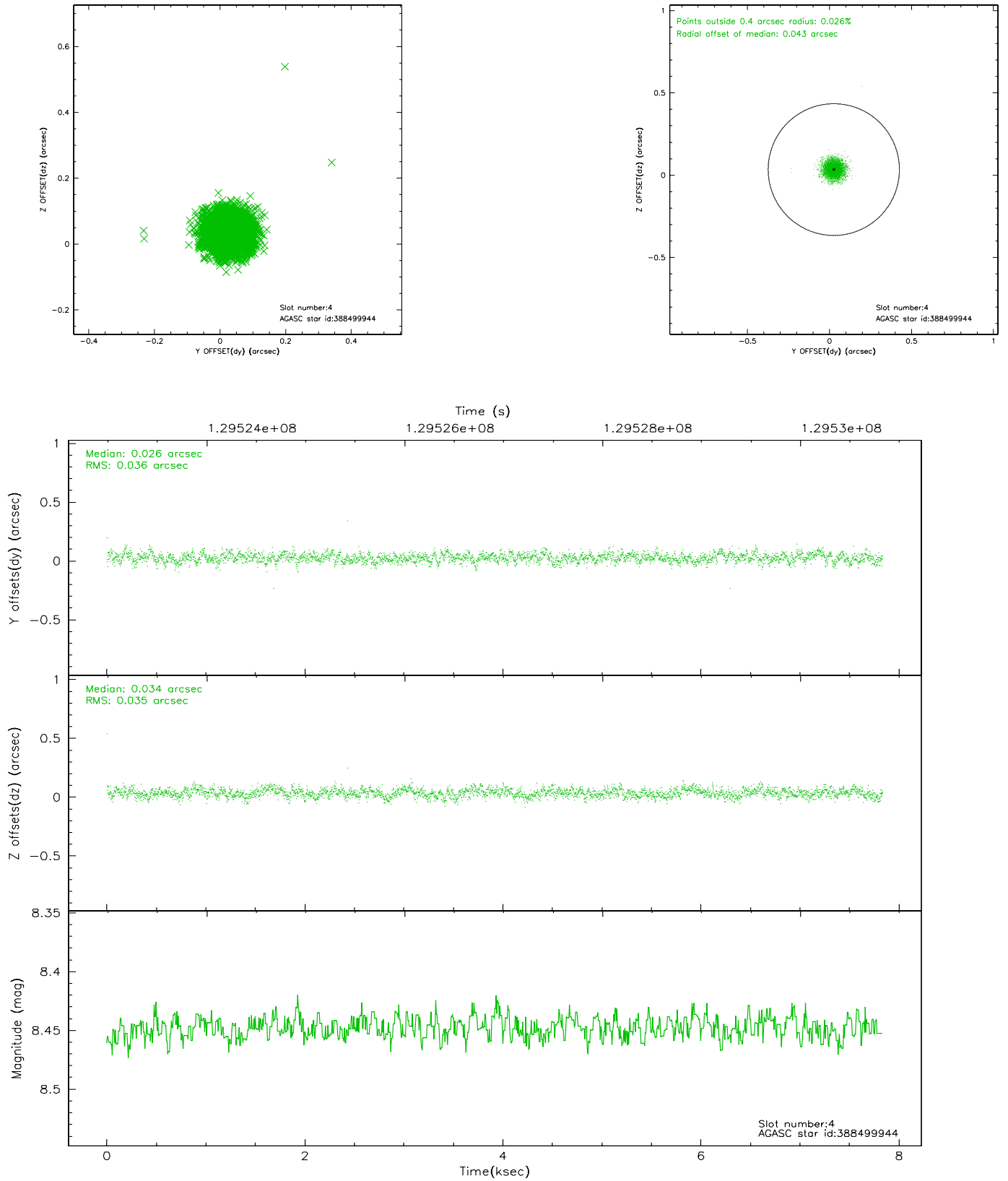
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	1911	-0.012	0.030	0.006	0.010	0.000000	0.000000	-756.04	-1727.73
1	FID	ACIS-S-4	7.20	1911	-0.048	-0.002	0.005	0.009	0.000000	0.000000	2156.85	180.02
2	FID	ACIS-S-5	7.24	1911	0.028	-0.019	0.006	0.010	0.000000	0.000000	-1807.94	174.44
3	GUIDE	388498400	7.74	3821	0.015	0.009	0.052	0.086	118.910707	40.300137	2282.10	1756.56
4	GUIDE	388499944	8.45	3821	0.026	0.034	0.052	0.083	118.838884	40.356702	2285.23	1473.68
5	GUIDE	388501392	8.74	3820	0.040	-0.041	0.057	0.094	118.450303	41.022147	1397.04	-991.34
6	GUIDE	389030752	8.96	3821	-0.071	-0.021	0.065	0.109	119.414766	41.315571	-1226.14	41.53
7	GUIDE	389031904	9.16	3815	-0.009	0.021	0.062	0.104	119.755165	41.478592	-2299.02	241.15

2.4 Star Slots

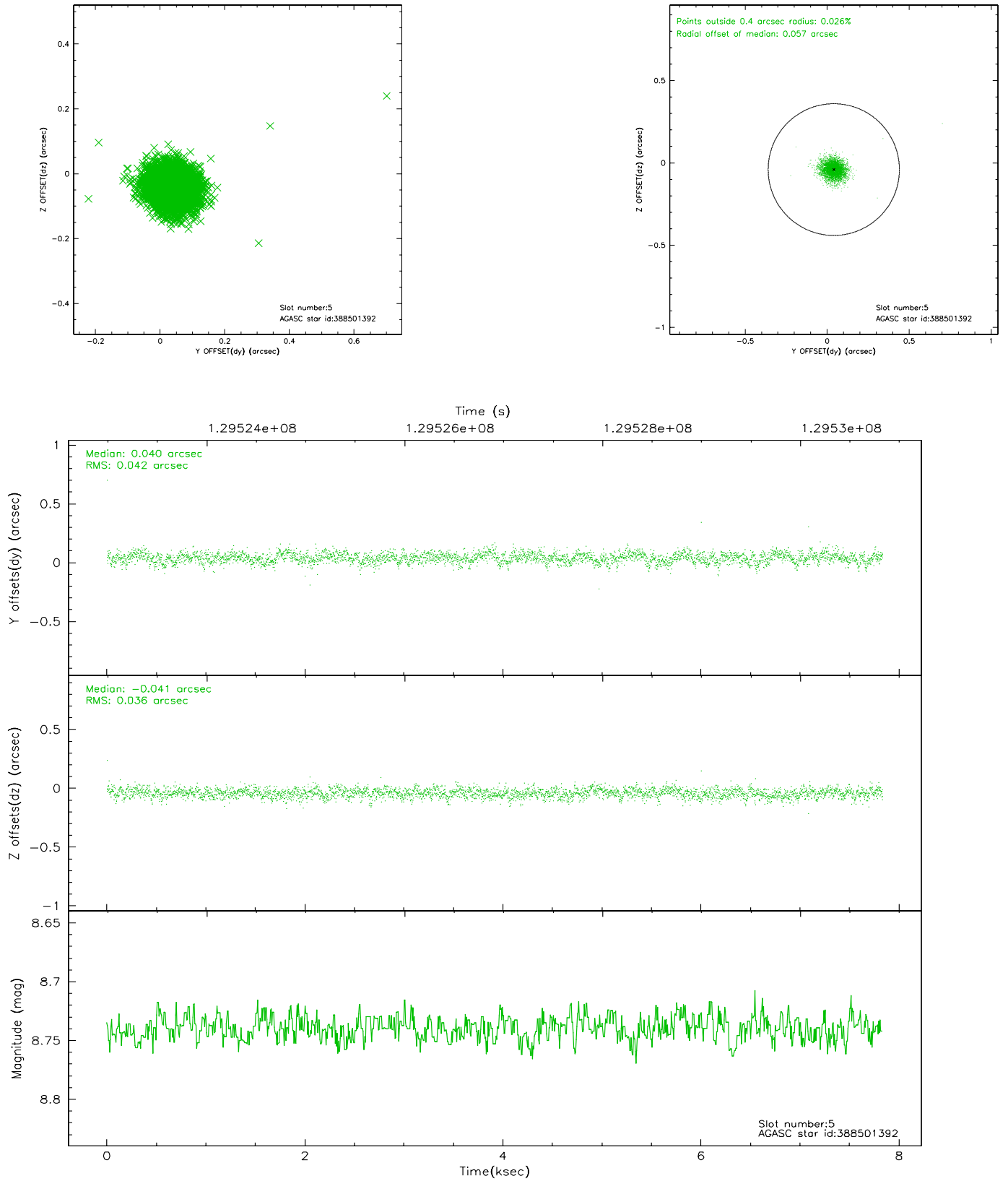
2.4.1 Slot 3



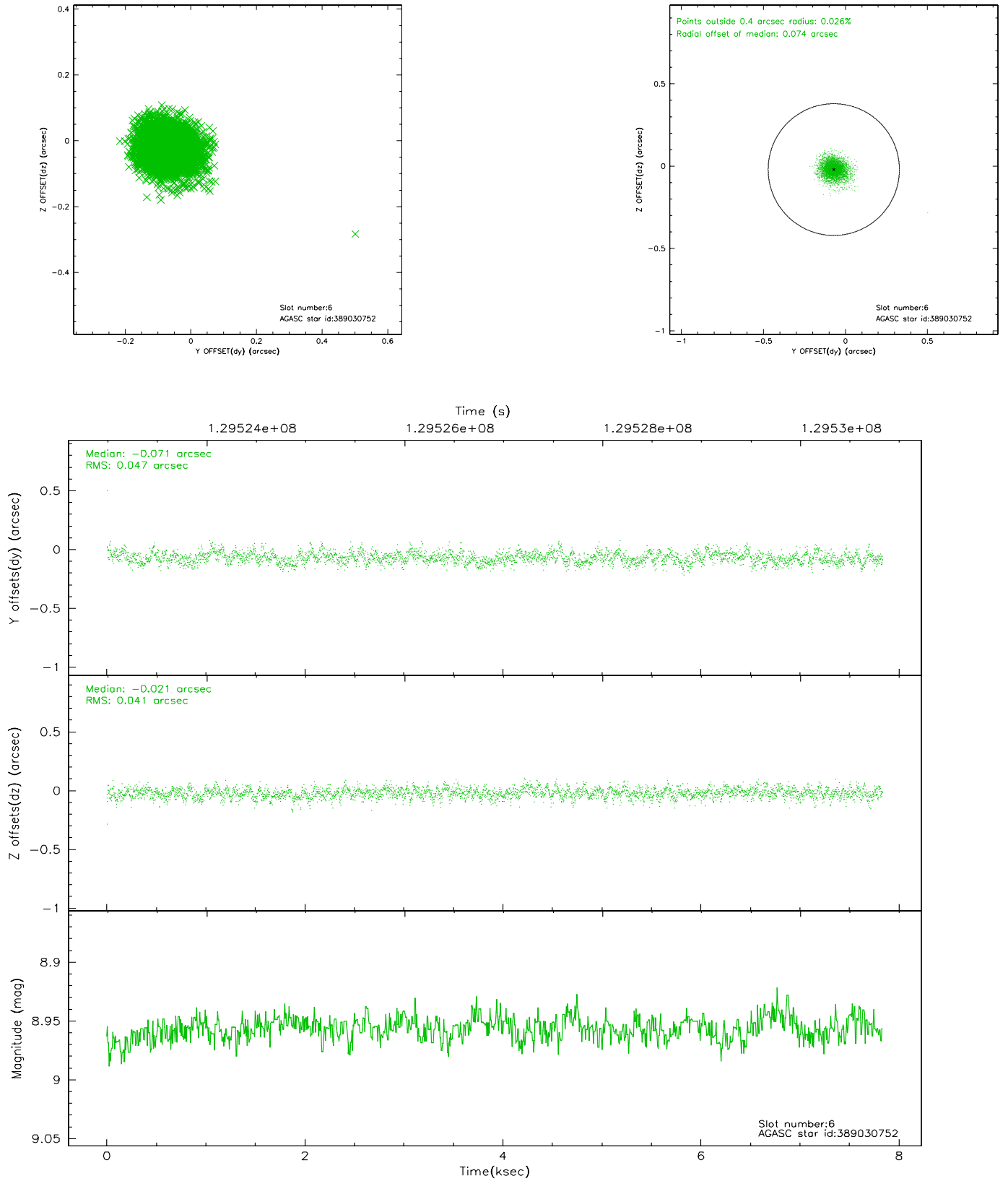
2.4.2 Slot 4



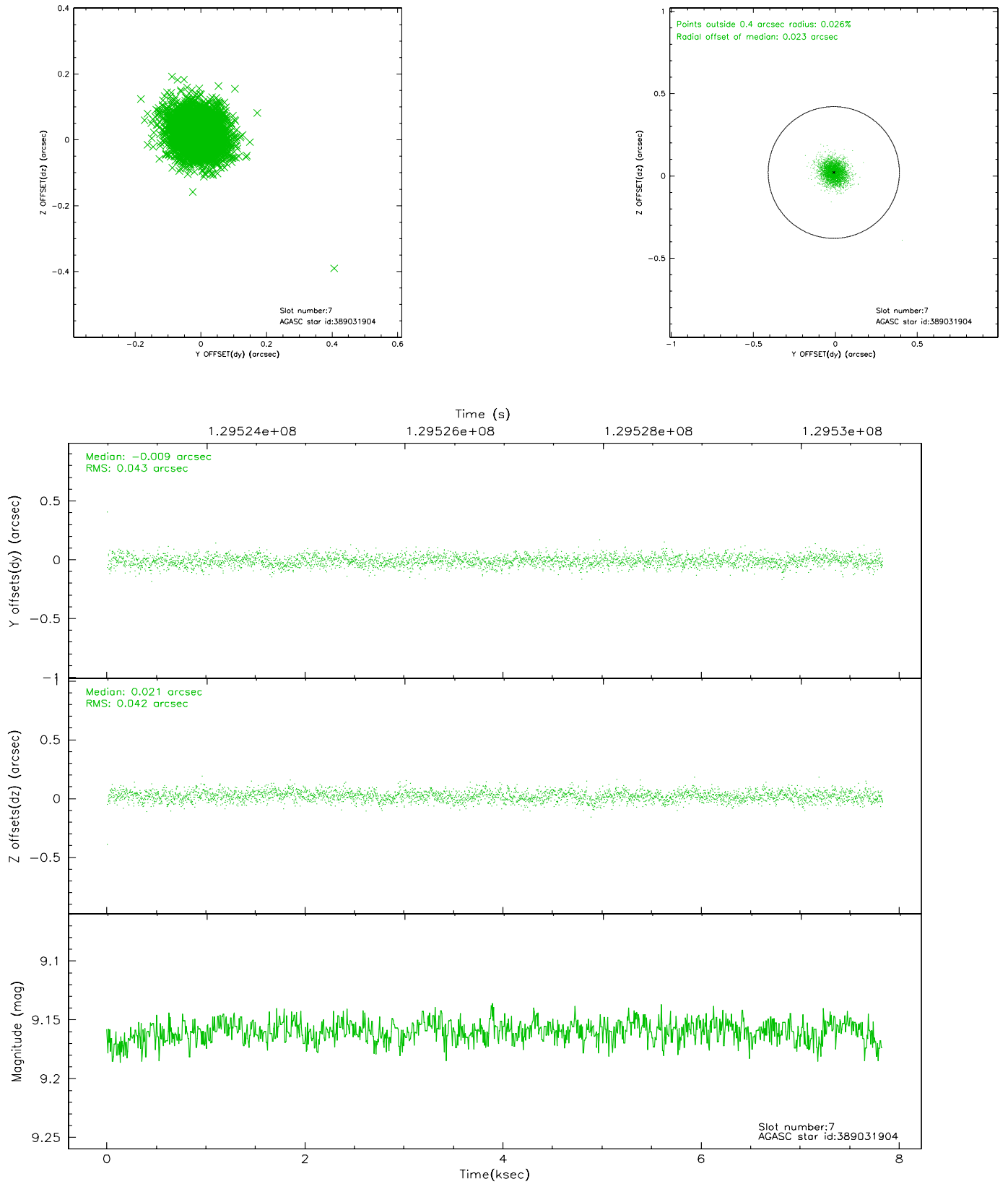
2.4.3 Slot 5



2.4.4 Slot 6

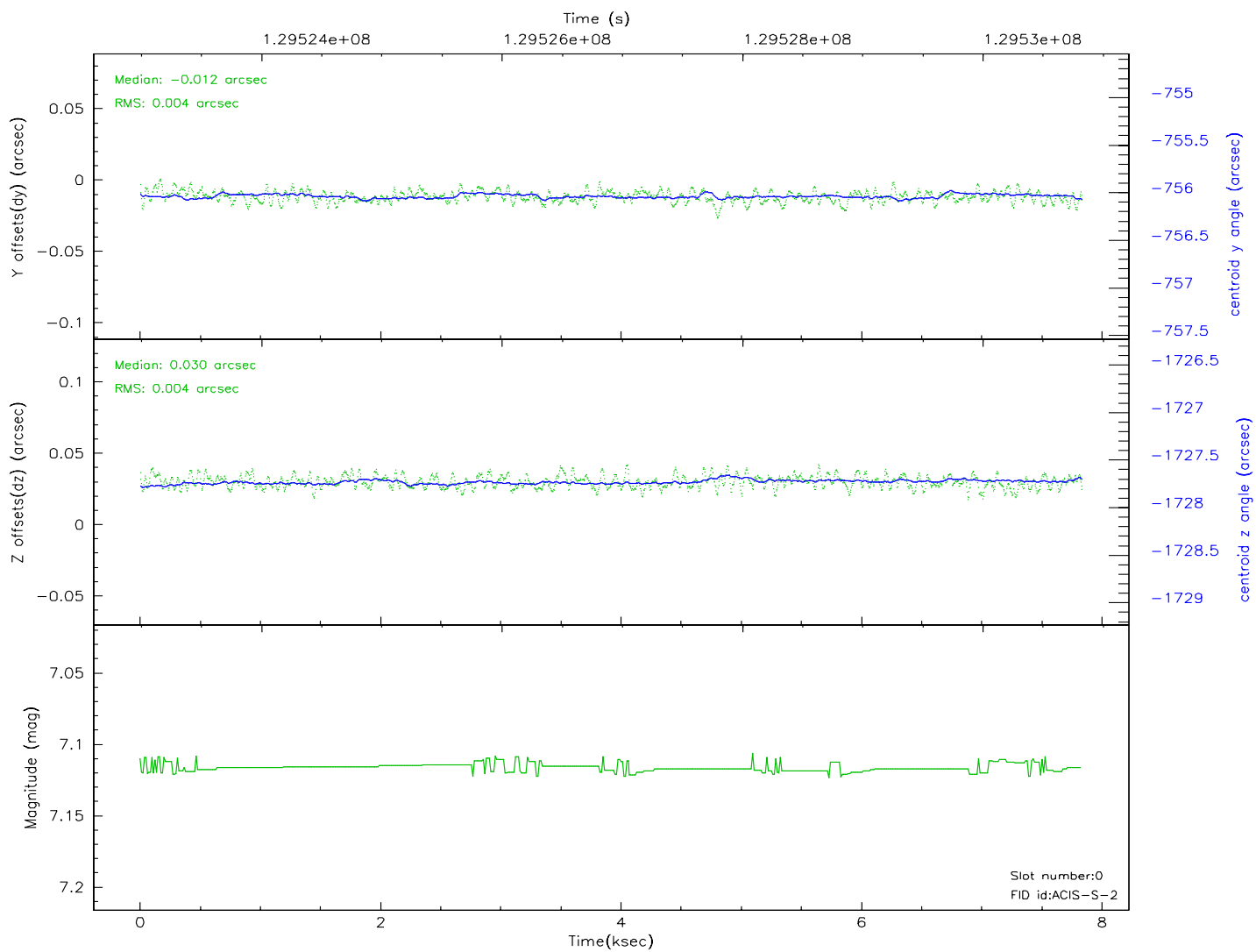
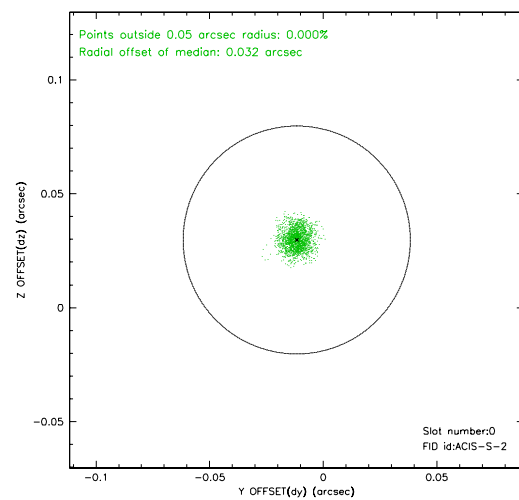
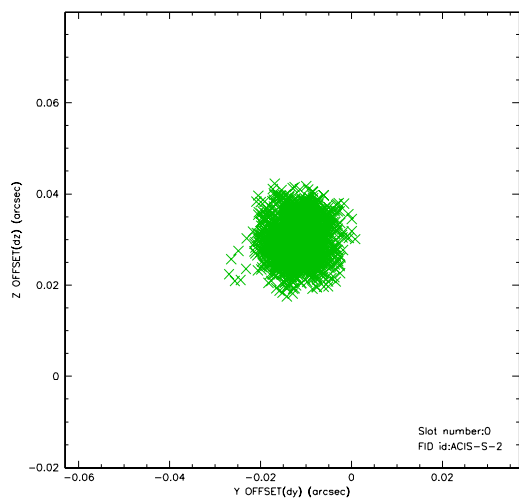


2.4.5 Slot 7

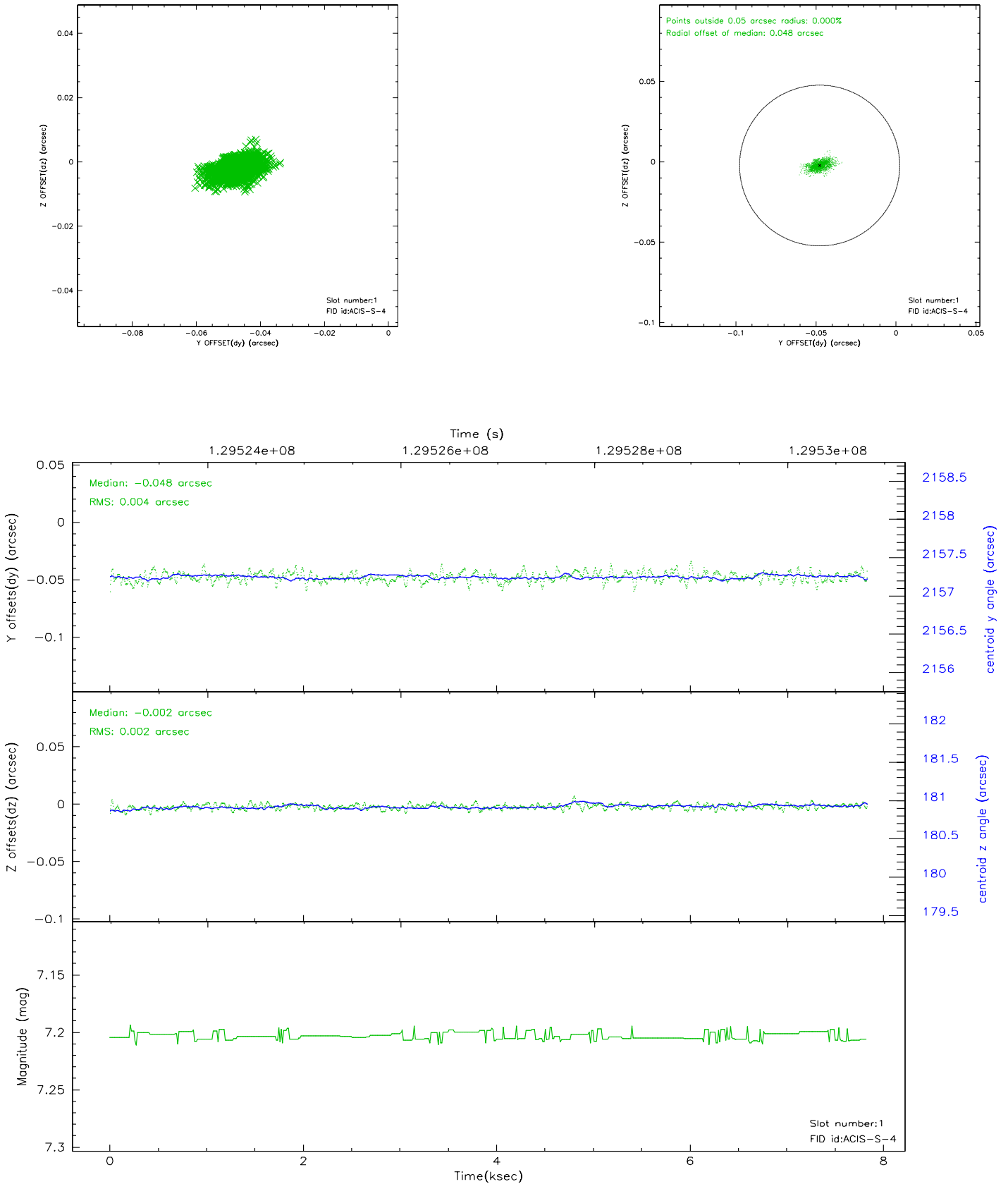


2.5 FID Slots

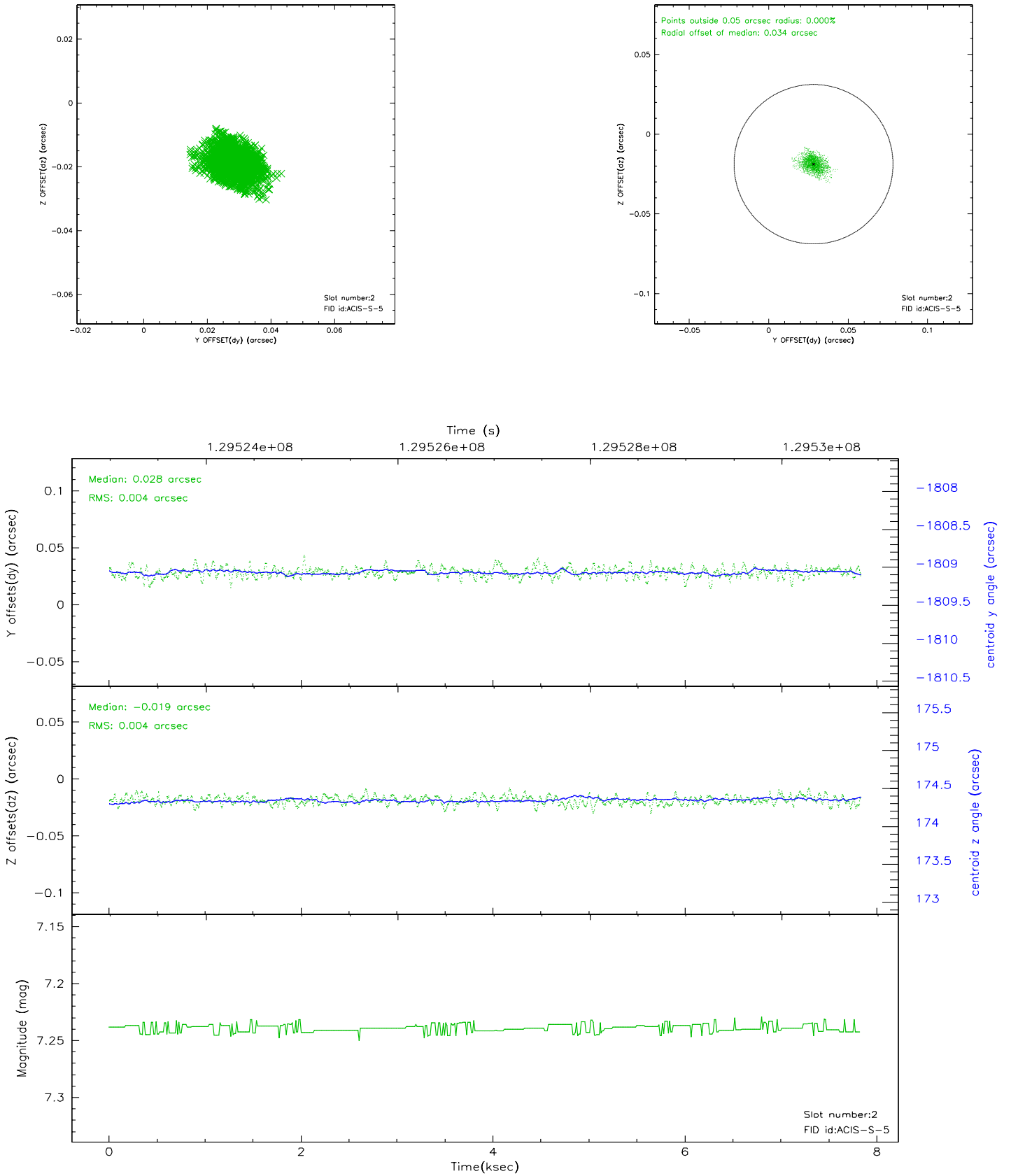
2.5.1 Slot 0



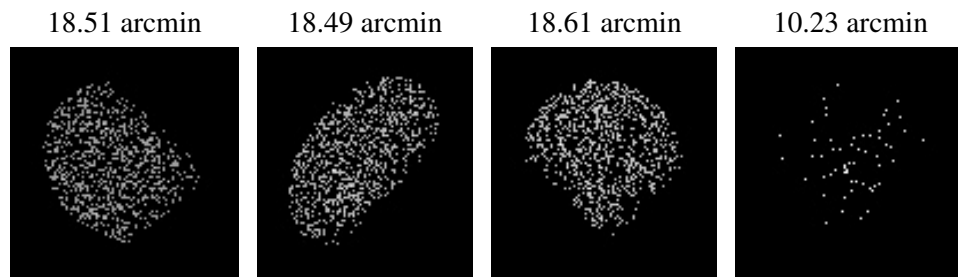
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.08.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.42

A.2 Comments