

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3817 - L2 Version 001
Chandra X-Ray Center

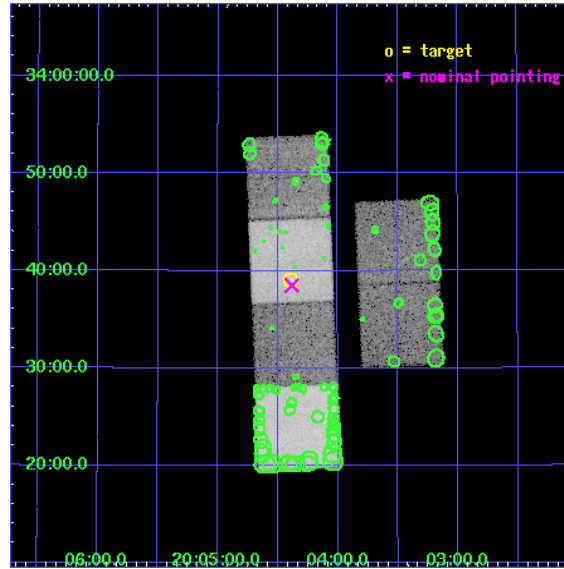
L2 Processing Date : Jul 1 2006

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1 Front

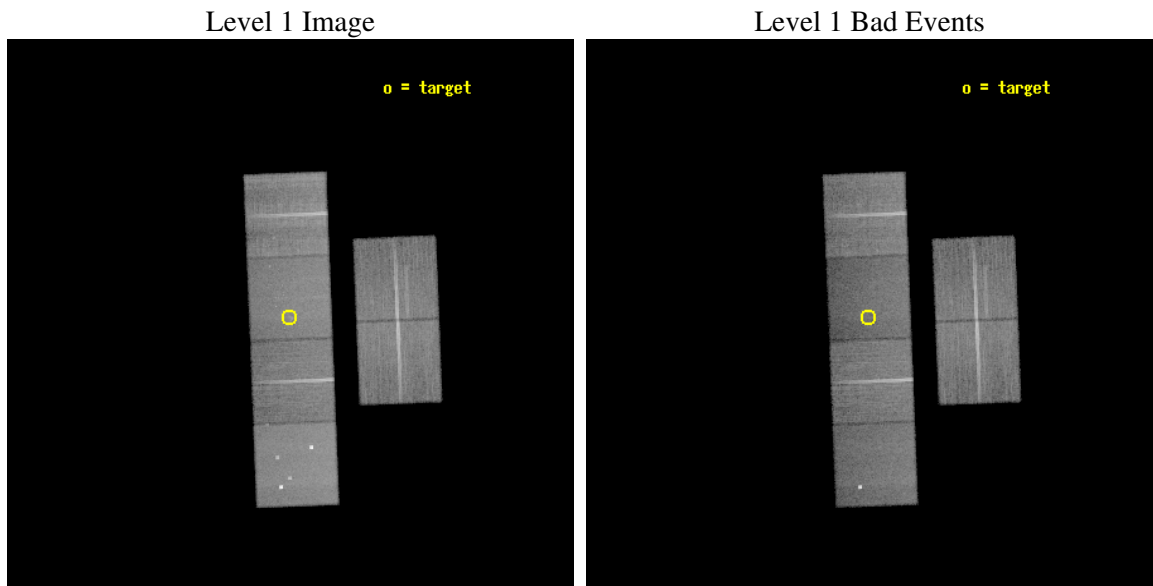
seq_num	400304
obs_id	3817
title	DUSTY SHOCKS AND PULSAR WINDS: IDENTIFYING THE SOURCE MODEL FOR G70.7+1.2
observer	Zaven Arzoumanian
object	G70.7+1.2
dtcycle	0
cycle	P
ra_targ	301.098333
dec_targ	33.651111
ra_nom	301.09585610128
dec_nom	33.641688491759
roll_nom	267.71397881708
revision	2
ontime	38275.199857414
livetime	37790.536230261
ontime2	38275.199857414
ontime3	38271.958867222
ontime5	38275.199857414
ontime6	38265.477056235
ontime7	38275.199857414
ontime8	38268.717906952
l2events	302154



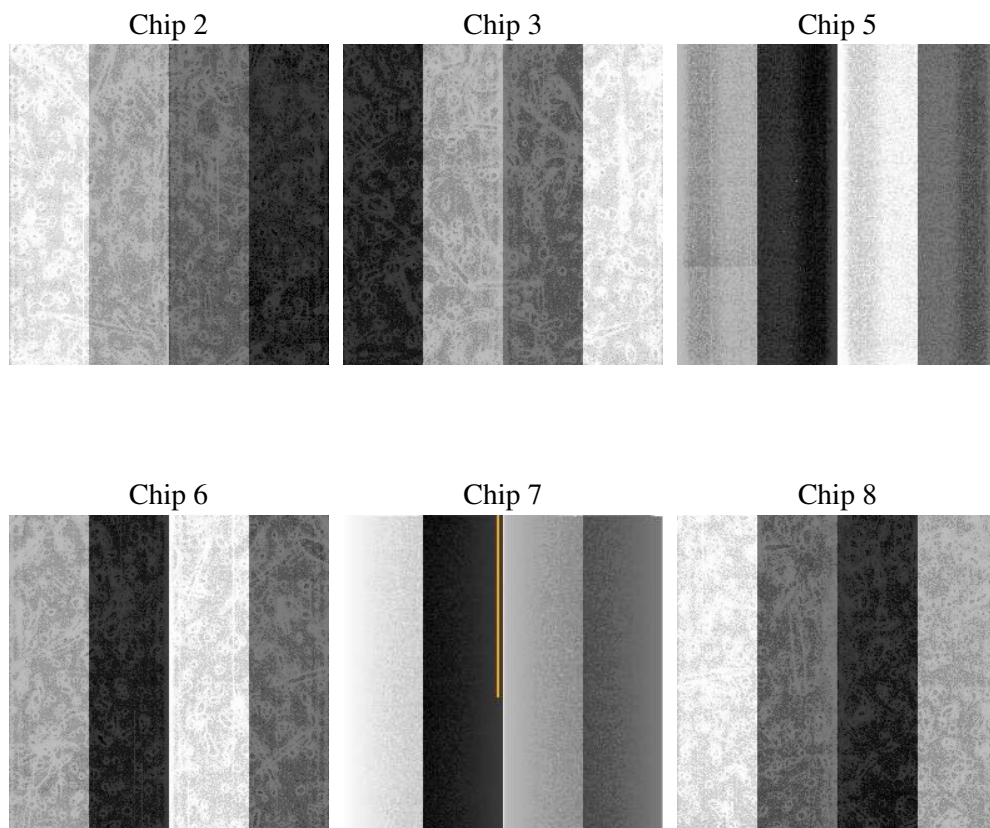
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-01T22:35:32
revision	2

sched_exp_time	38312.000000
ontime	38279.472606272
ontime2	38279.472606272
ontime3	38276.23161608
ontime5	38279.472606272
ontime6	38269.749805093
ontime7	38279.472606272
ontime8	38272.99065581
l1events	1400942

2.1.4 Events

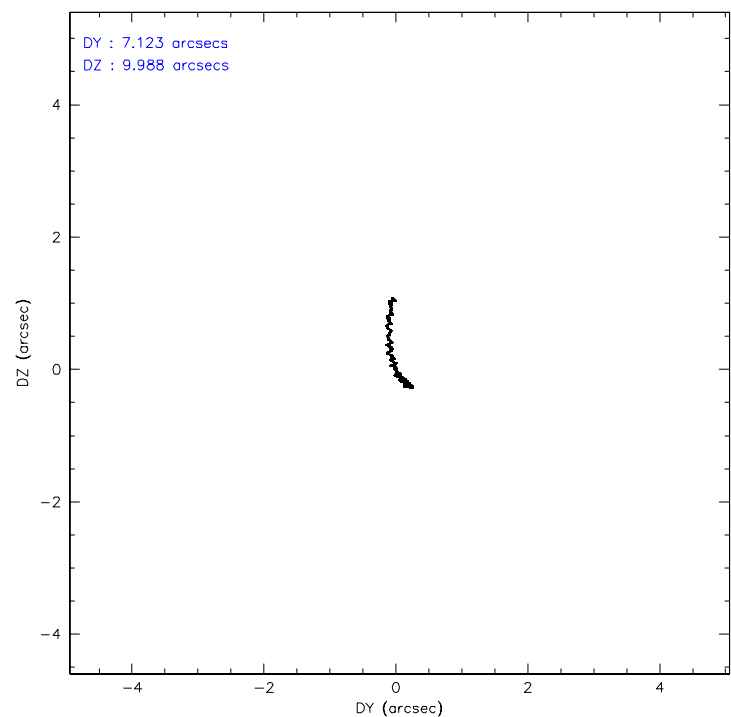
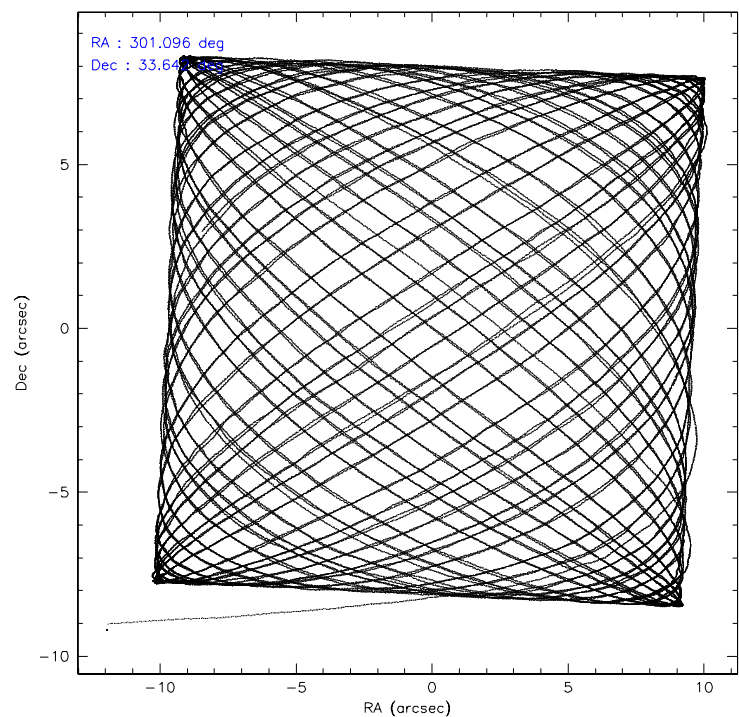
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	217673	201303	285793	209996	230523	255654
rejected events	196313	180742	146618	186641	130310	198580
rejected %	90%	89%	51%	88%	56%	77%

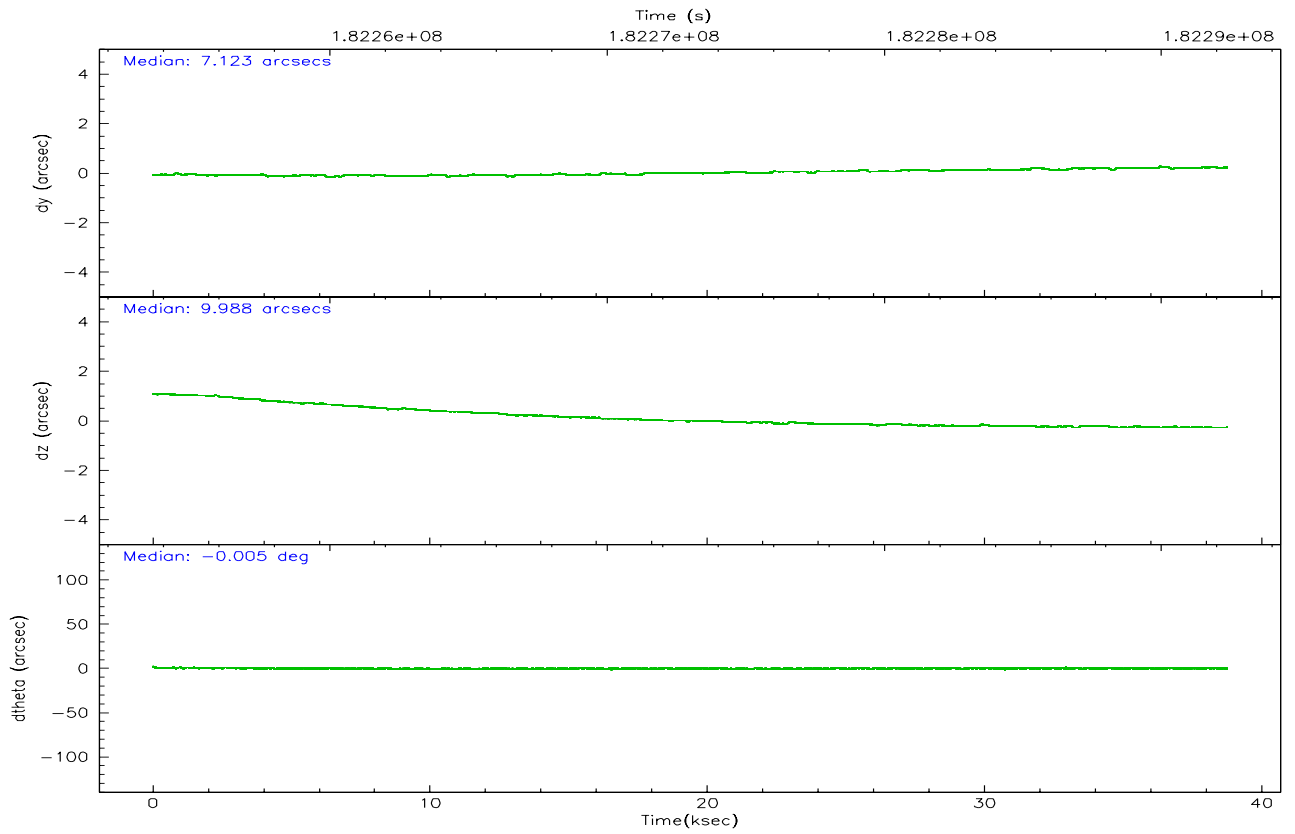
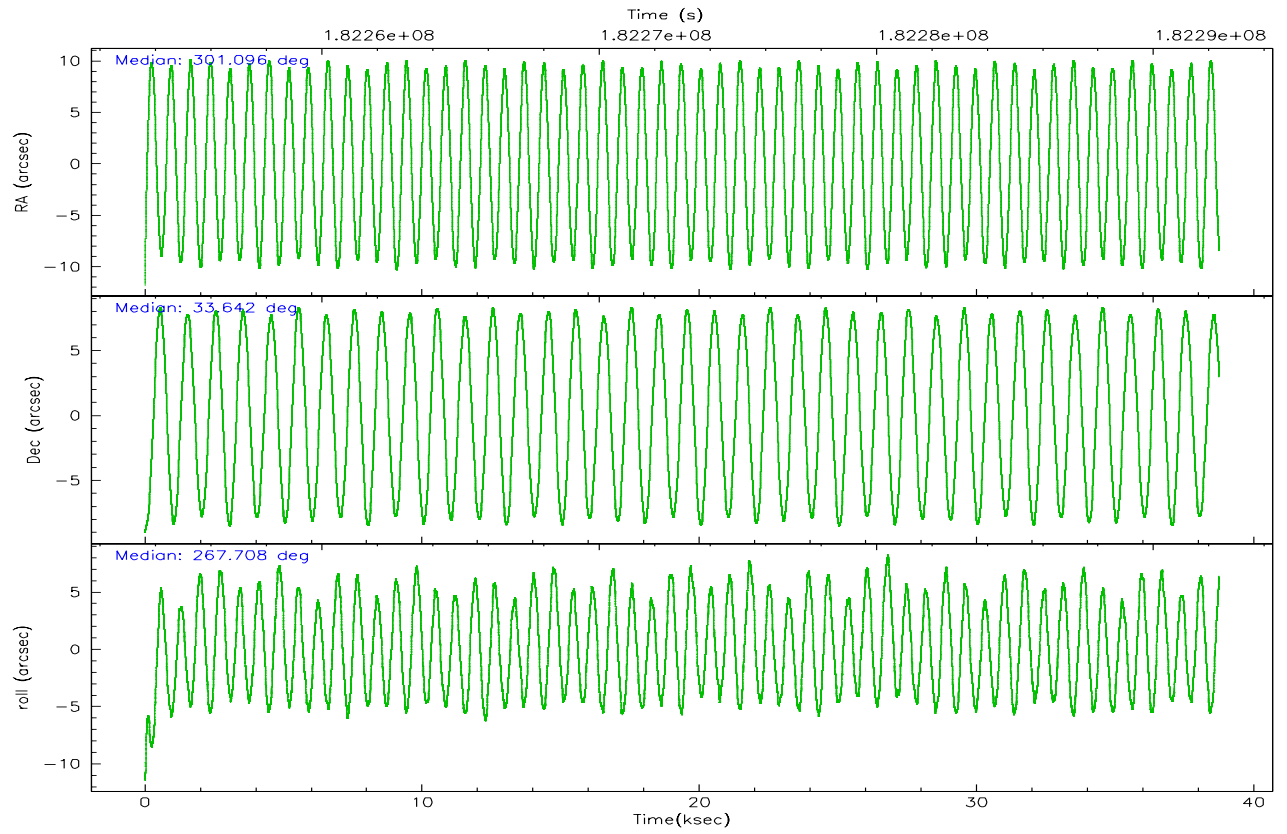
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	8290	8083	15743	9327	7368	18238
	3%	4%	5%	4%	3%	7%
grade 1 events	107	100	270	120	102	187
	0%	0%	0%	0%	0%	0%
grade 2 events	4847	4247	41978	4584	24909	12266
	2%	2%	14%	2%	10%	4%
grade 3 events	2244	2247	4170	2401	6328	6060
	1%	1%	1%	1%	2%	2%
grade 4 events	2289	2191	3469	2472	6078	5756
	1%	1%	1%	1%	2%	2%
grade 5 events	6847	7816	17751	8118	17475	11556
	3%	3%	6%	3%	7%	4%
grade 6 events	3695	3799	73838	4576	55545	14760
	1%	1%	25%	2%	24%	5%
grade 7 events	189354	172820	128574	178398	112718	186831
	86%	85%	44%	84%	48%	73%

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	301.080235	301.0958561012799	Alternating exposures requested	N	N
Pointing Dec	33.665597	33.64168849175858	Primary exposure time	0.000000	3.2
Pointing Roll	267.566011	267.7139788170795			
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	182254059.184000	182252970.58027			
Observation start date	2003-10-11T10:06:35	2003-10-11T09:49:30			
Observation end time	182292371.184000	182293914.71953			
Observation end date	2003-10-11T20:45:07	2003-10-11T21:11:54			
Read mode	TIMED	TIMED			

2.3 Aspect



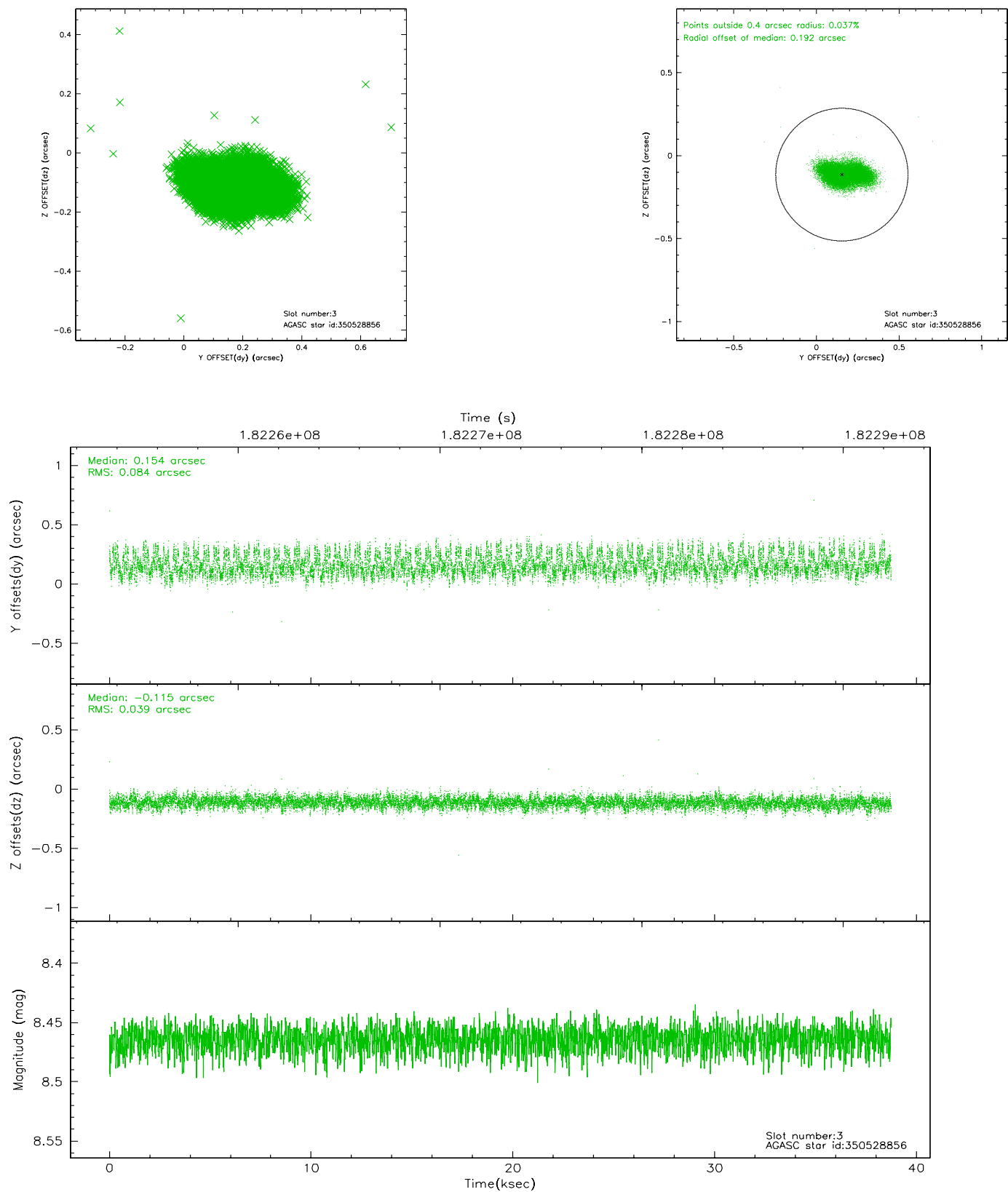


Slot Statistics

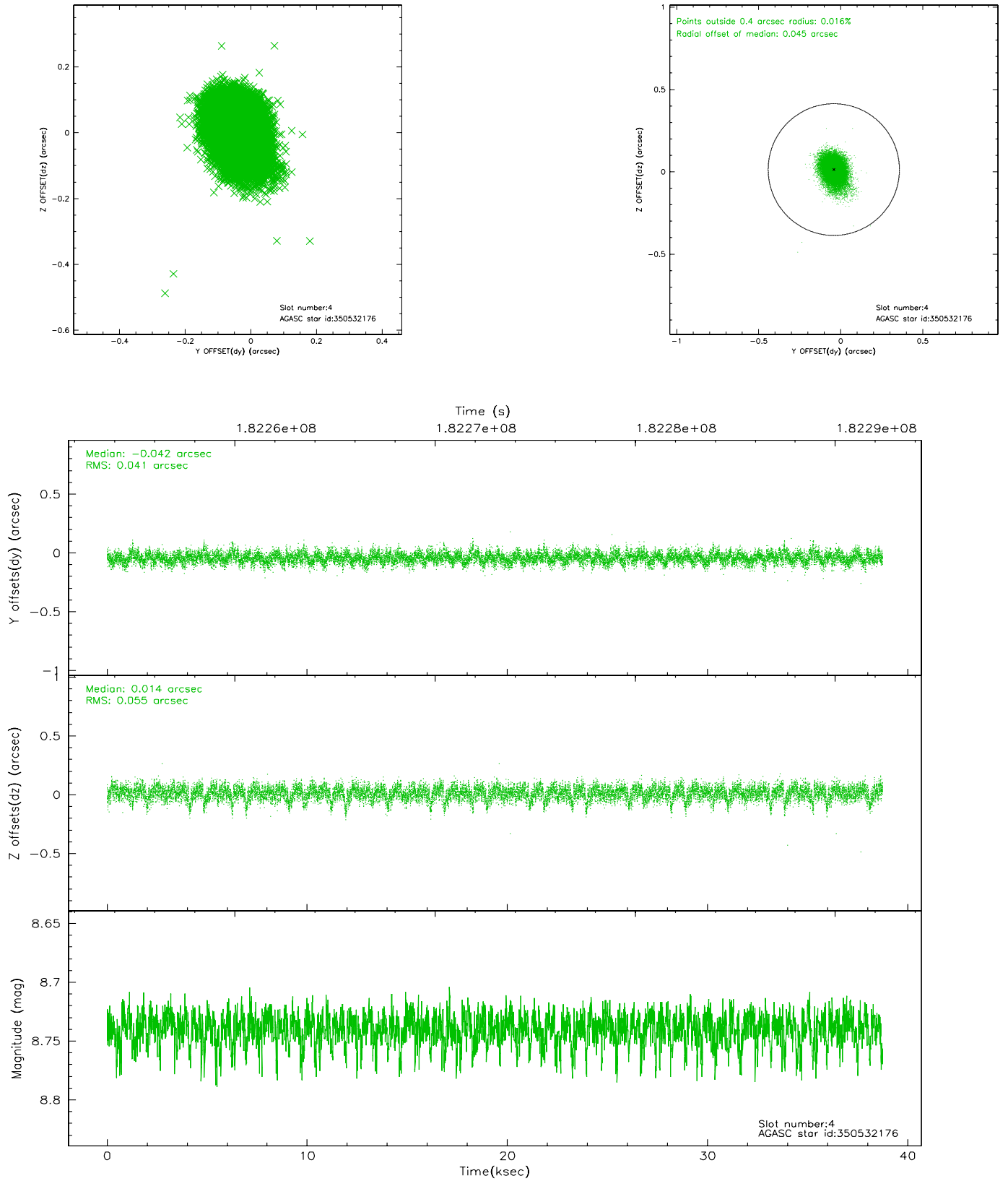
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	9451	-0.032	0.013	0.010	0.016	0.000000	0.000000	-759.90	-1731.39
1	FID	ACIS-S-4	7.20	9450	0.016	0.012	0.007	0.016	0.000000	0.000000	2153.38	177.12
2	FID	ACIS-S-5	7.23	9451	-0.014	-0.017	0.012	0.019	0.000000	0.000000	-1812.73	170.71
3	GUIDE	350528856	8.46	18898	0.154	-0.115	0.098	0.164	300.430955	33.066927	2231.14	-1865.45
4	GUIDE	350532176	8.74	18896	-0.042	0.014	0.070	0.122	301.391097	33.736988	-297.35	919.06
5	GUIDE	351023856	8.91	18896	-0.001	-0.028	0.072	0.119	300.615428	33.768113	-312.31	-1405.21
6	GUIDE	351026832	8.76	18894	-0.045	0.088	0.067	0.110	301.444122	34.279318	-2255.07	987.75
7	GUIDE	351164216	9.18	18885	-0.072	0.045	0.089	0.142	301.726791	34.147228	-1820.22	1851.02

2.4 Star Slots

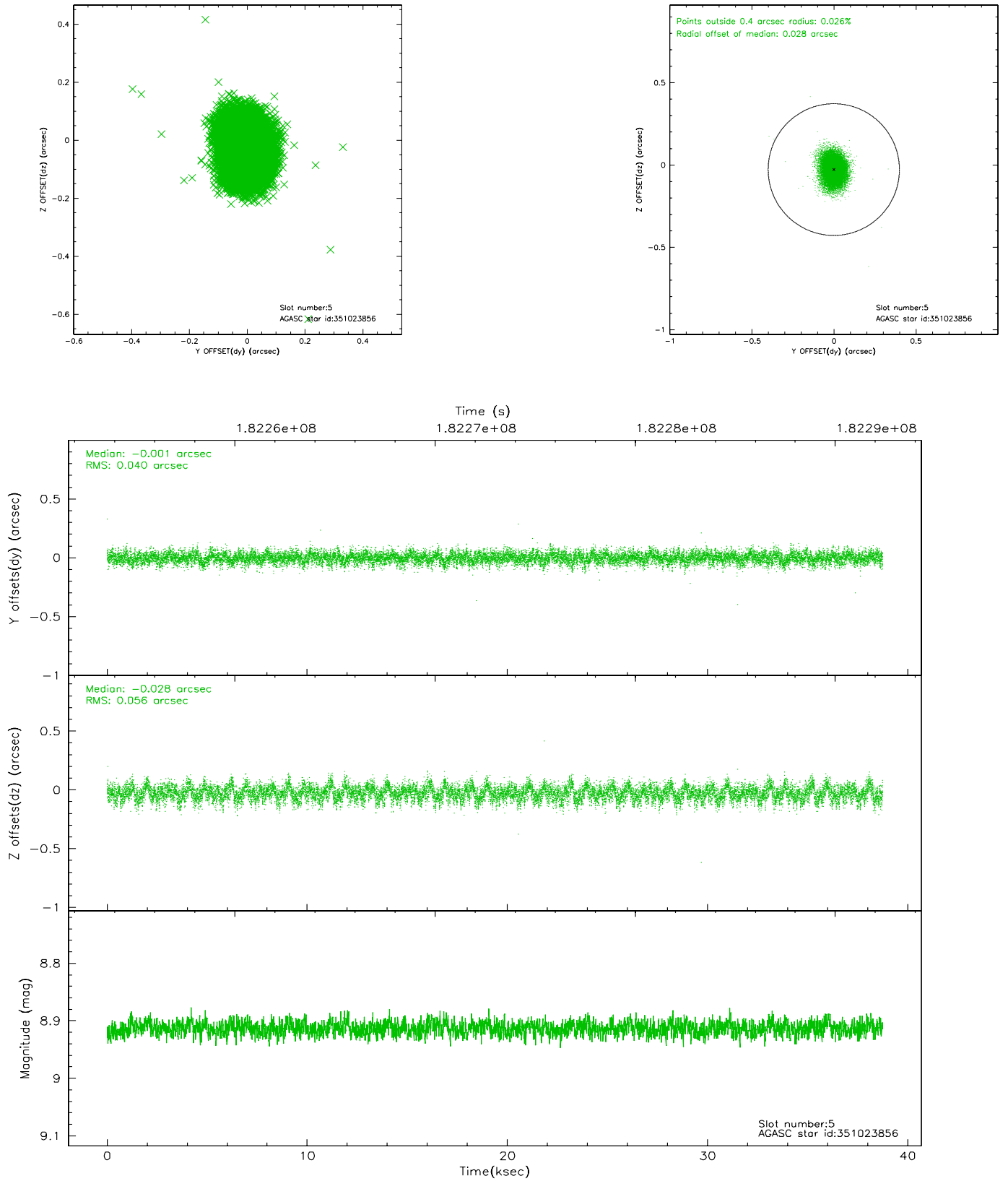
2.4.1 Slot 3



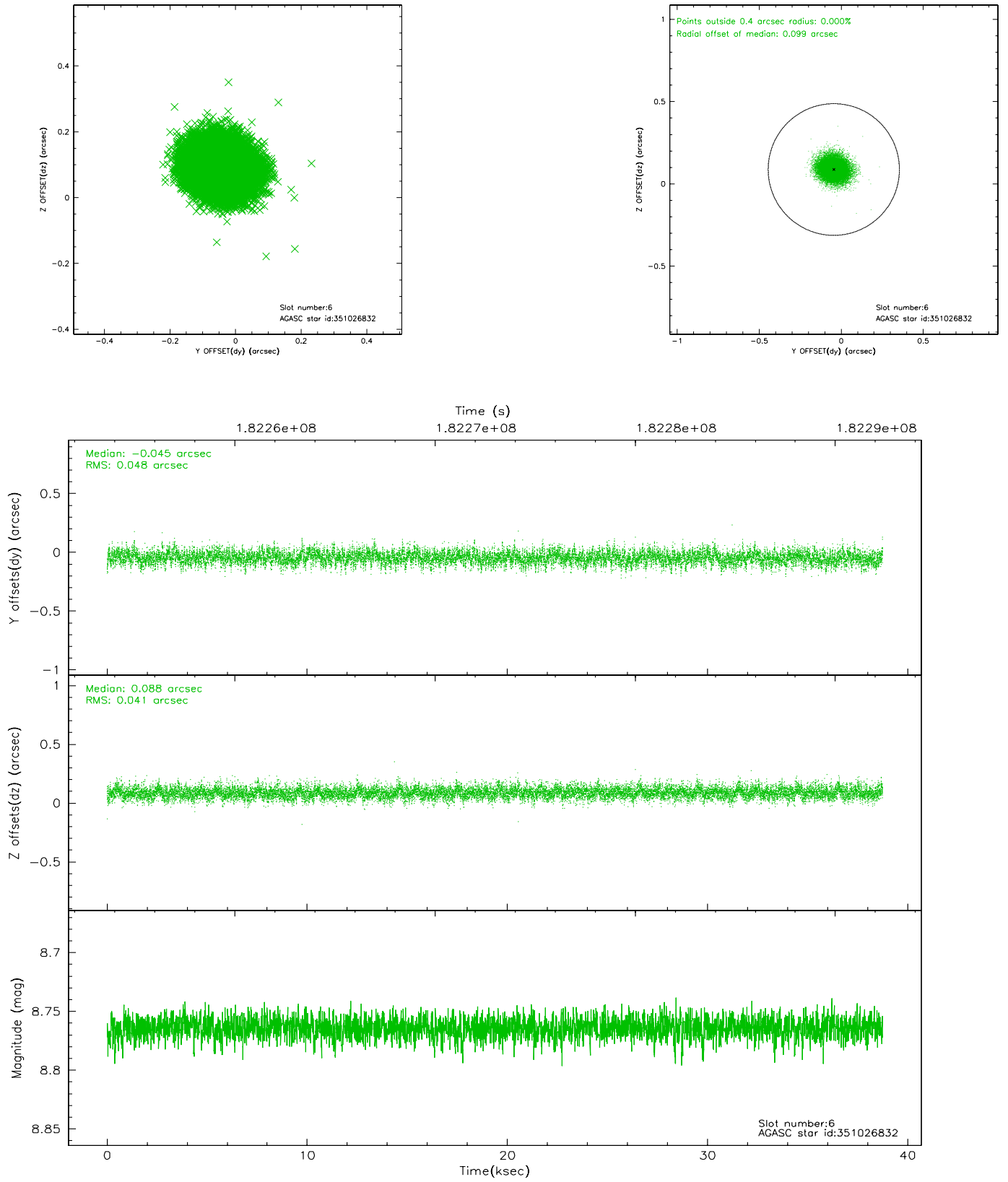
2.4.2 Slot 4



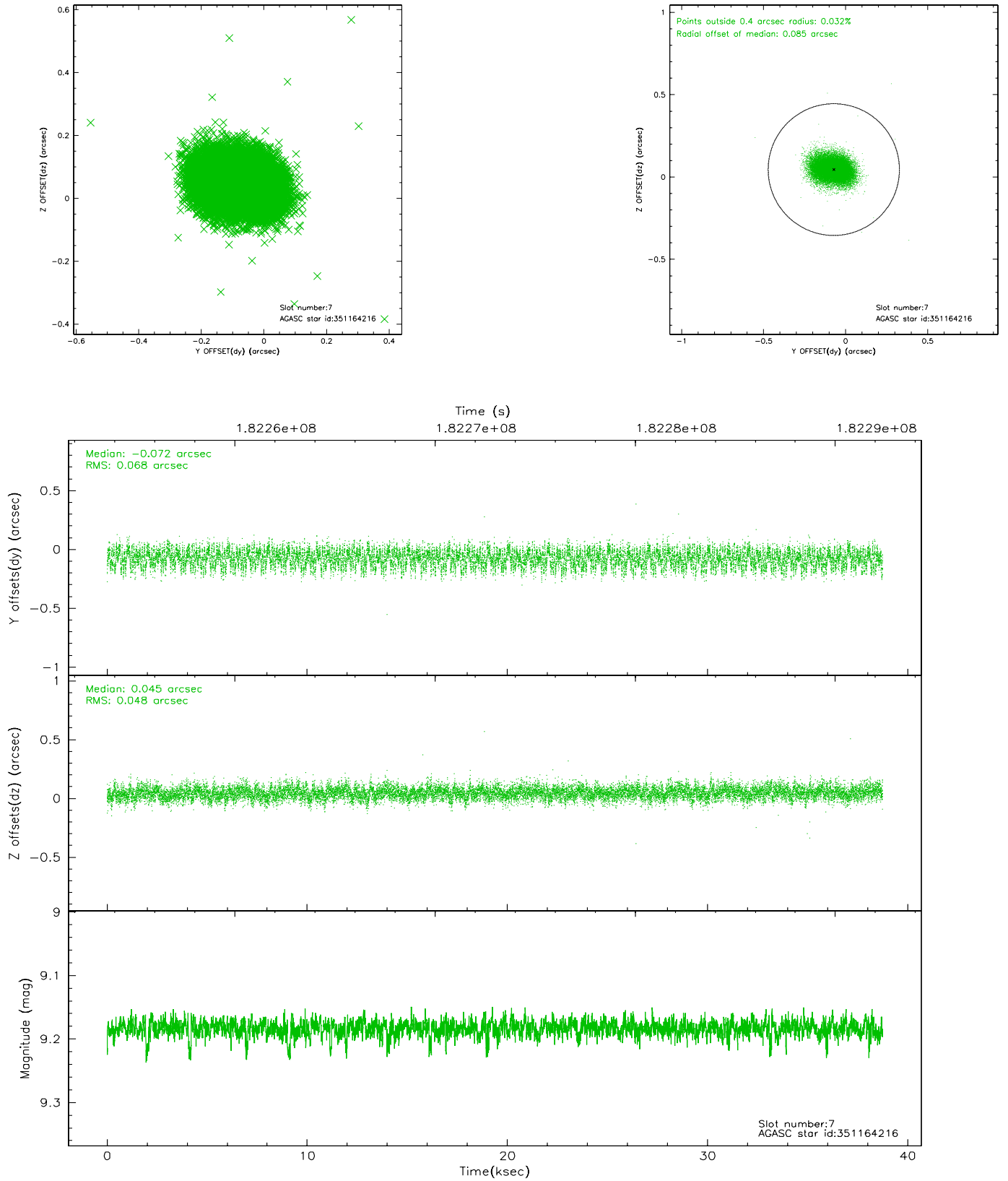
2.4.3 Slot 5



2.4.4 Slot 6

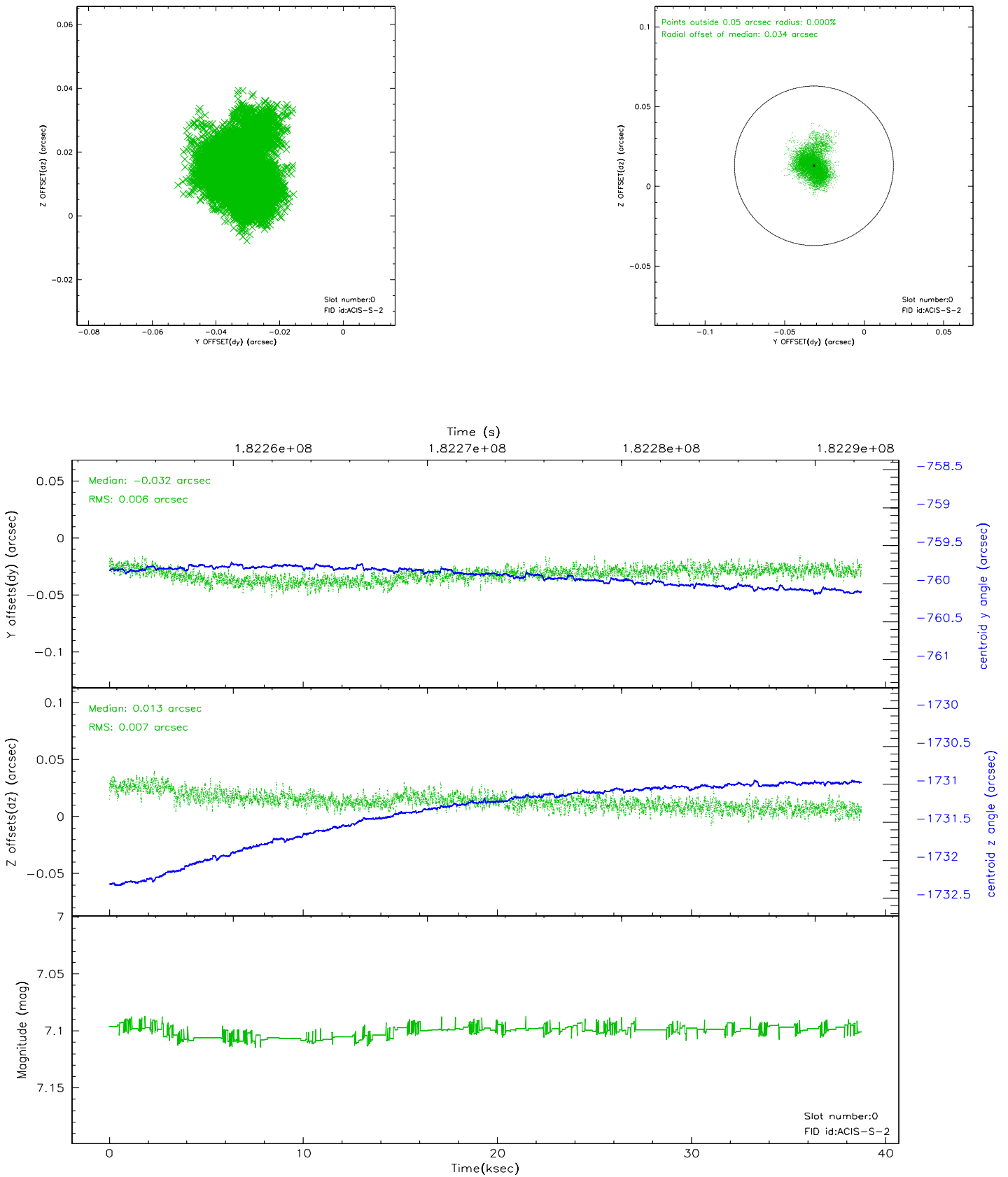


2.4.5 Slot 7

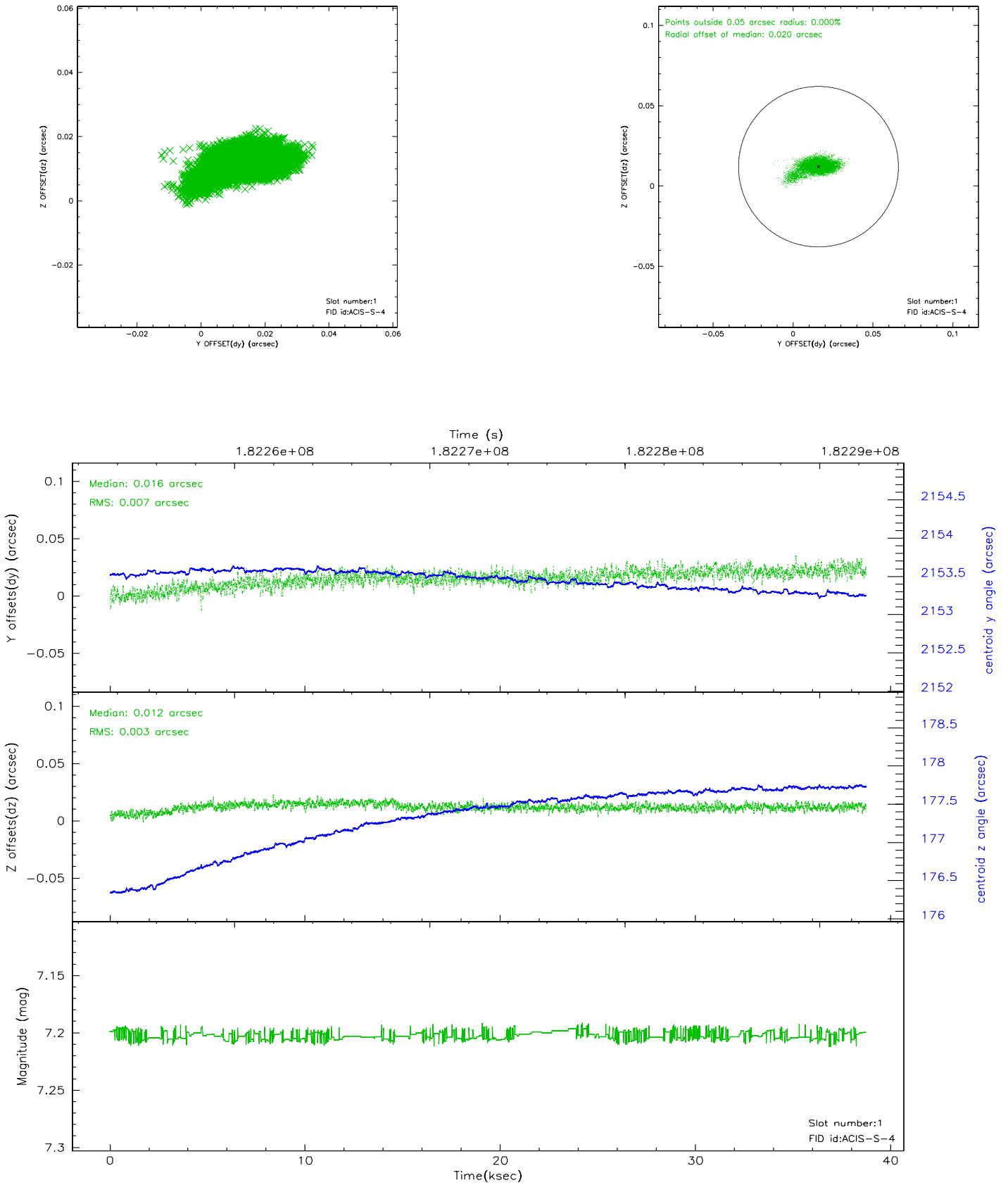


2.5 FID Slots

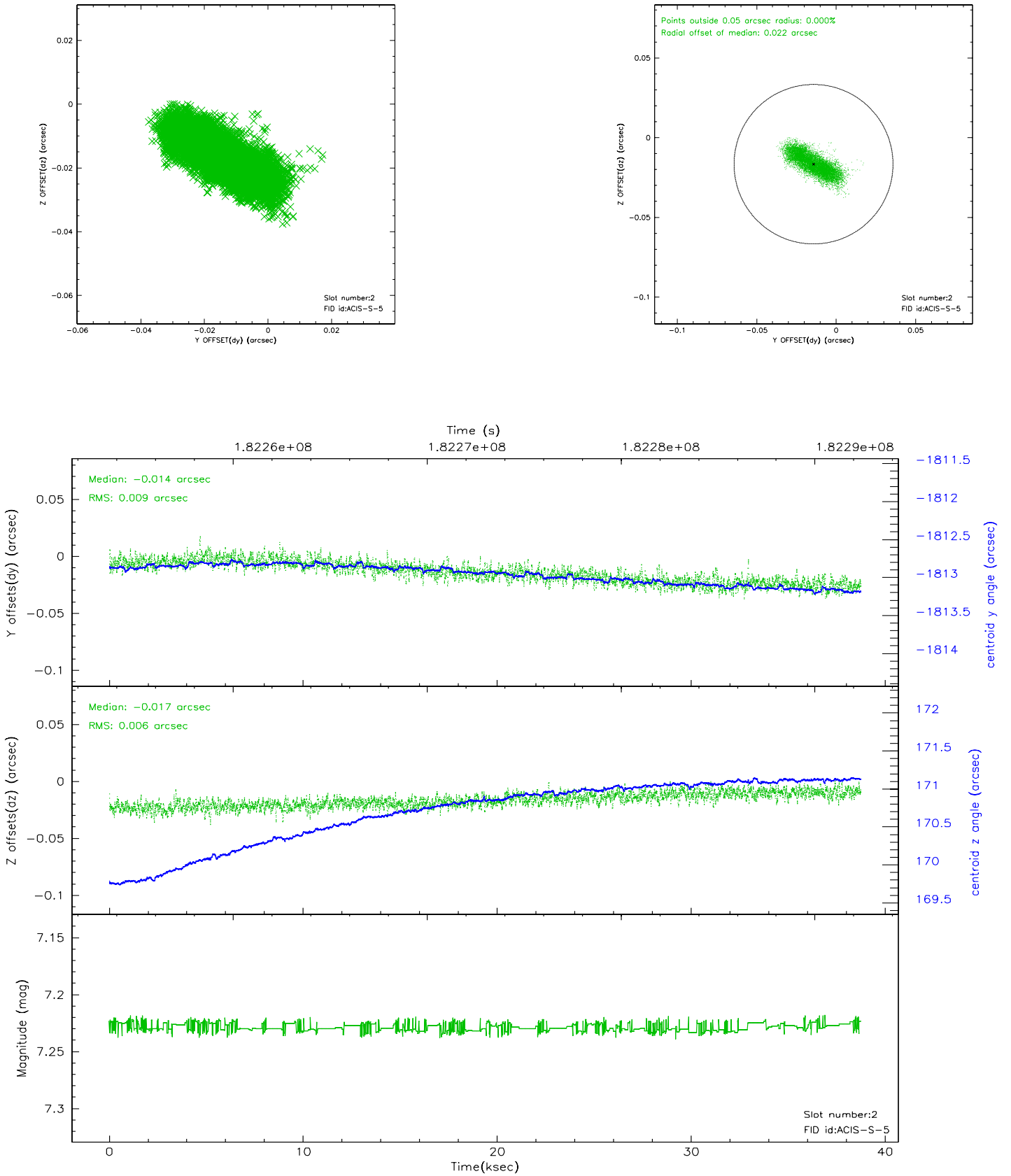
2.5.1 Slot 0



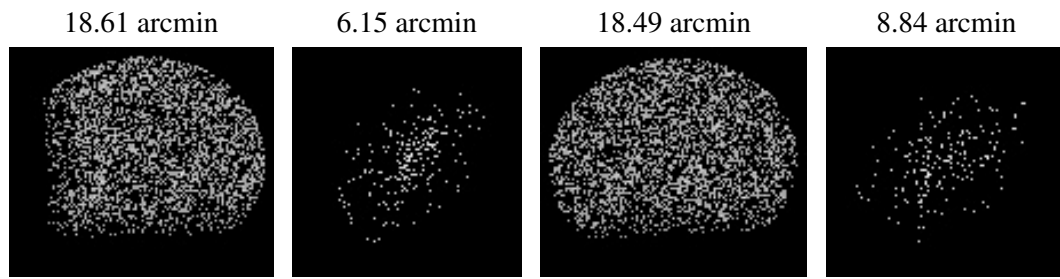
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Doug Morgan
V&V Date (YYYY-MM-DD)	2006.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	38.278

A.2 Comments