

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2168 - L2 Version 001
Chandra X-Ray Center

L2 Processing Date : Dec 15 2006

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1 Front

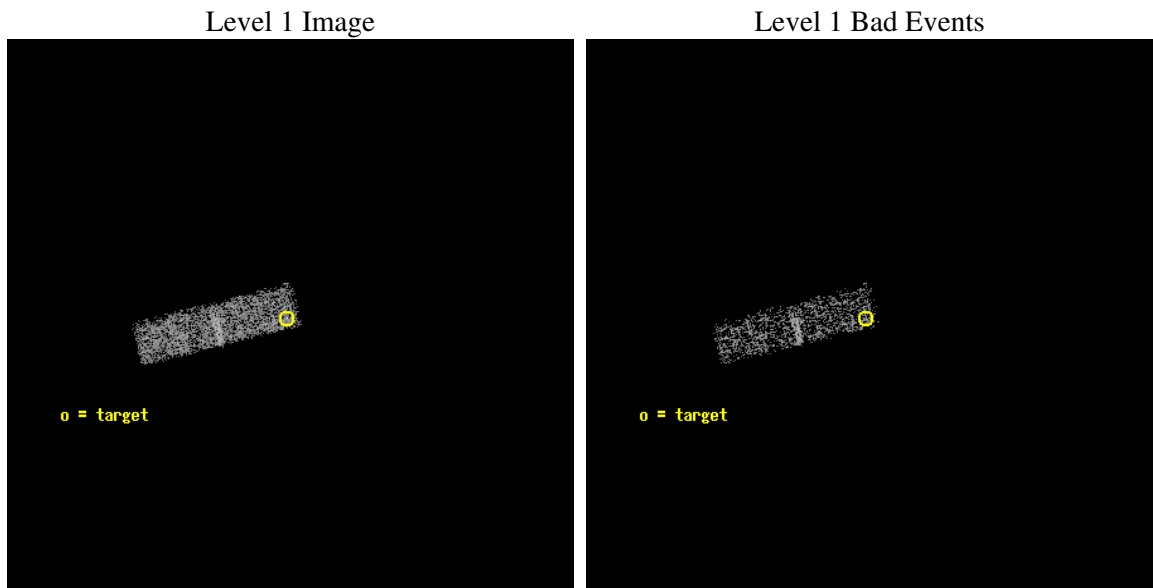
seq_num	700358
obs_id	2168
title	RED QUASARS AND THE X-RAY BACKGROUND
observer	Dr. BELINDA WILKES
object	2MASSJ150113+2329
dtcycle	0
cycle	P
ra_targ	225.305
dec_targ	23.485639
ra_nom	225.30187363627
dec_nom	23.481655215559
roll_nom	256.10473378569
revision	2
ontime	3540.7999868095
liveltime	3368.0205334438
ontime3	3540.7999868095
l2events	730



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.4
date	2006-12-15T18:52:37
revision	2

sched_exp_time	3400.000000
ontime	4560.9026990682
ontime3	4560.9026990682
l1events	10249

2.1.4 Events

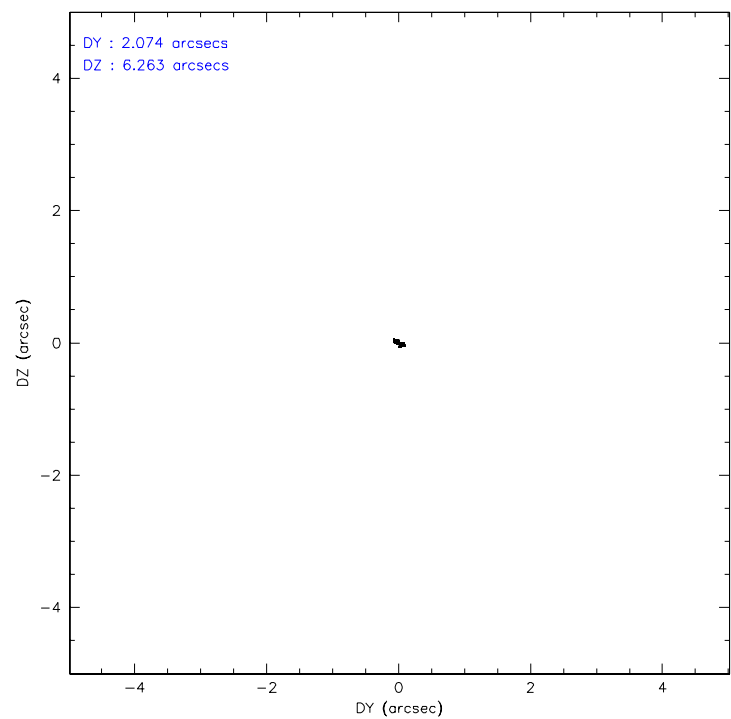
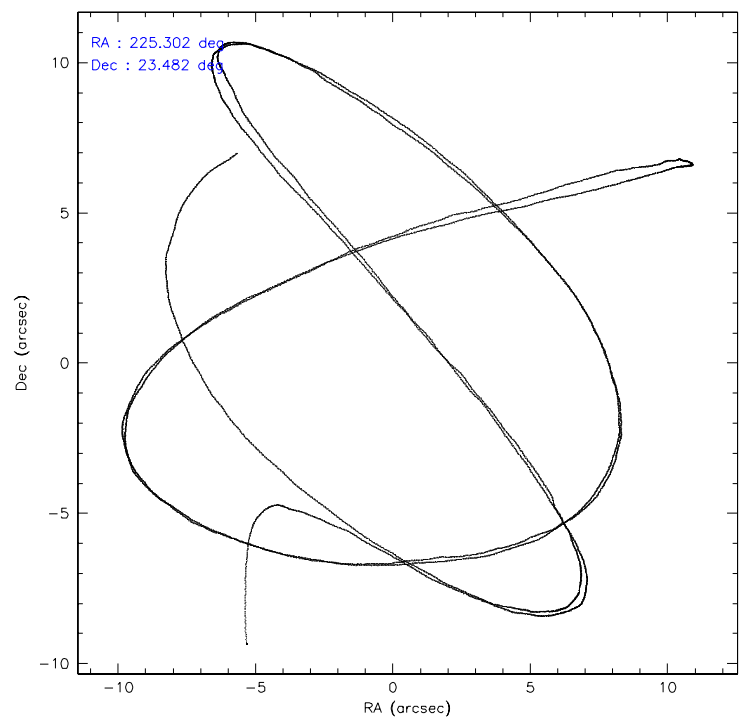
	ccd 3
level 1 events	10249
rejected events	9364
rejected %	91%

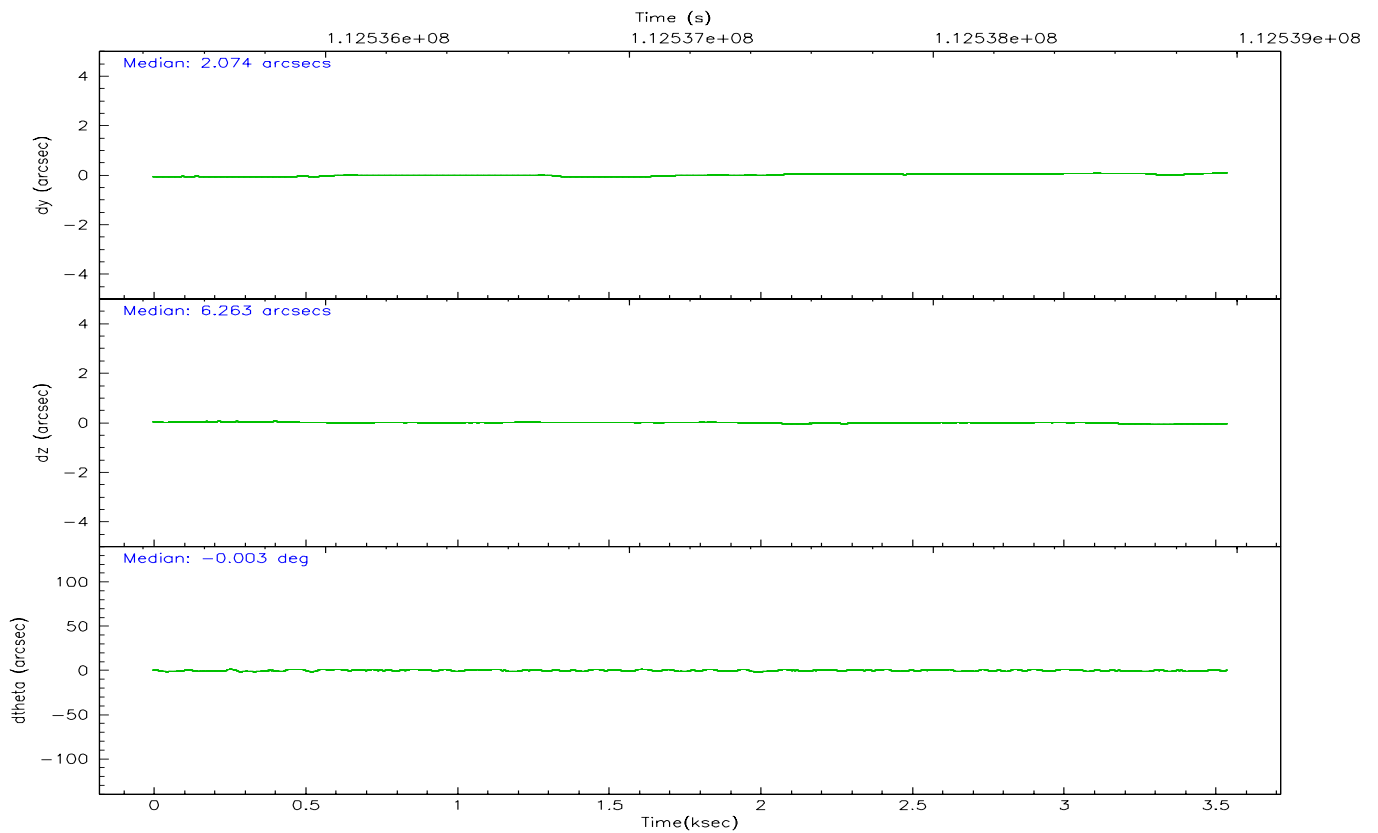
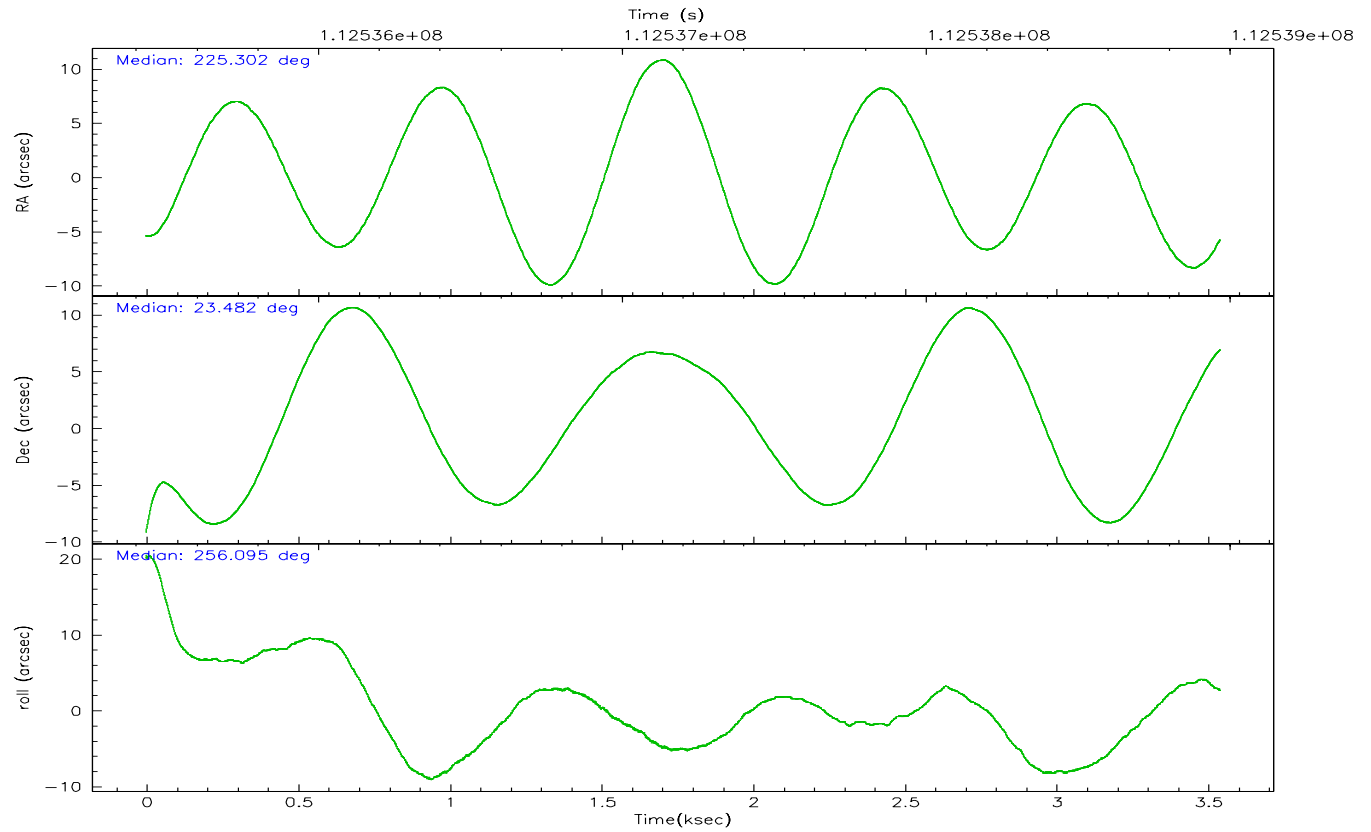
	ccd 3
grade 0 events	404
	3%
grade 1 events	1
	0%
grade 2 events	185
	1%
grade 3 events	206
	2%
grade 4 events	172
	1%
grade 5 events	269
	2%
grade 6 events	159
	1%
grade 7 events	8853
	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-3	ACIS-3	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
Pointing RA	225.293563	225.3018736362672	Subarray requested	1/4	1/4
Pointing Dec	23.508209	23.48165521555945	Subarray start row	0	769
Pointing Roll	255.899326	256.1047337856917	Subarray row count	1024	256
SIM focus pos (mm)	-0.782348	-0.7809083437167272	Alternating exposures requested	N	N
SIM defocus (mm)	0	0.001439871863259334	Primary exposure time	0.000000	0.8
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	112535569.184000	112534409.05532			
Observation start date	2001-07-26T11:51:45	2001-07-26T11:33:29			
Observation end time	112538969.184000	112539618.10552			
Observation end date	2001-07-26T12:48:25	2001-07-26T13:00:18			
Read mode	TIMED	TIMED			

2.3 Aspect



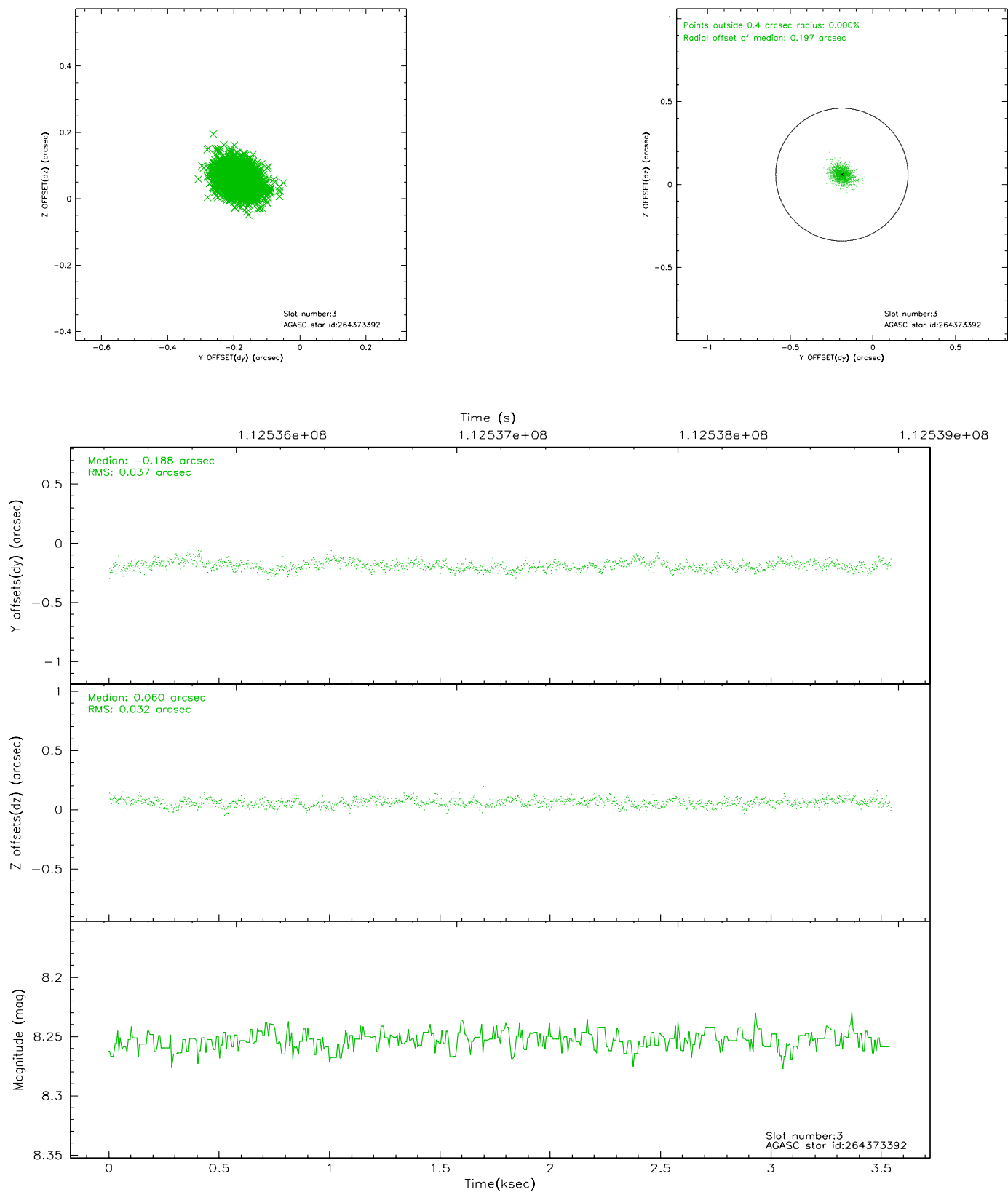


Slot Statistics

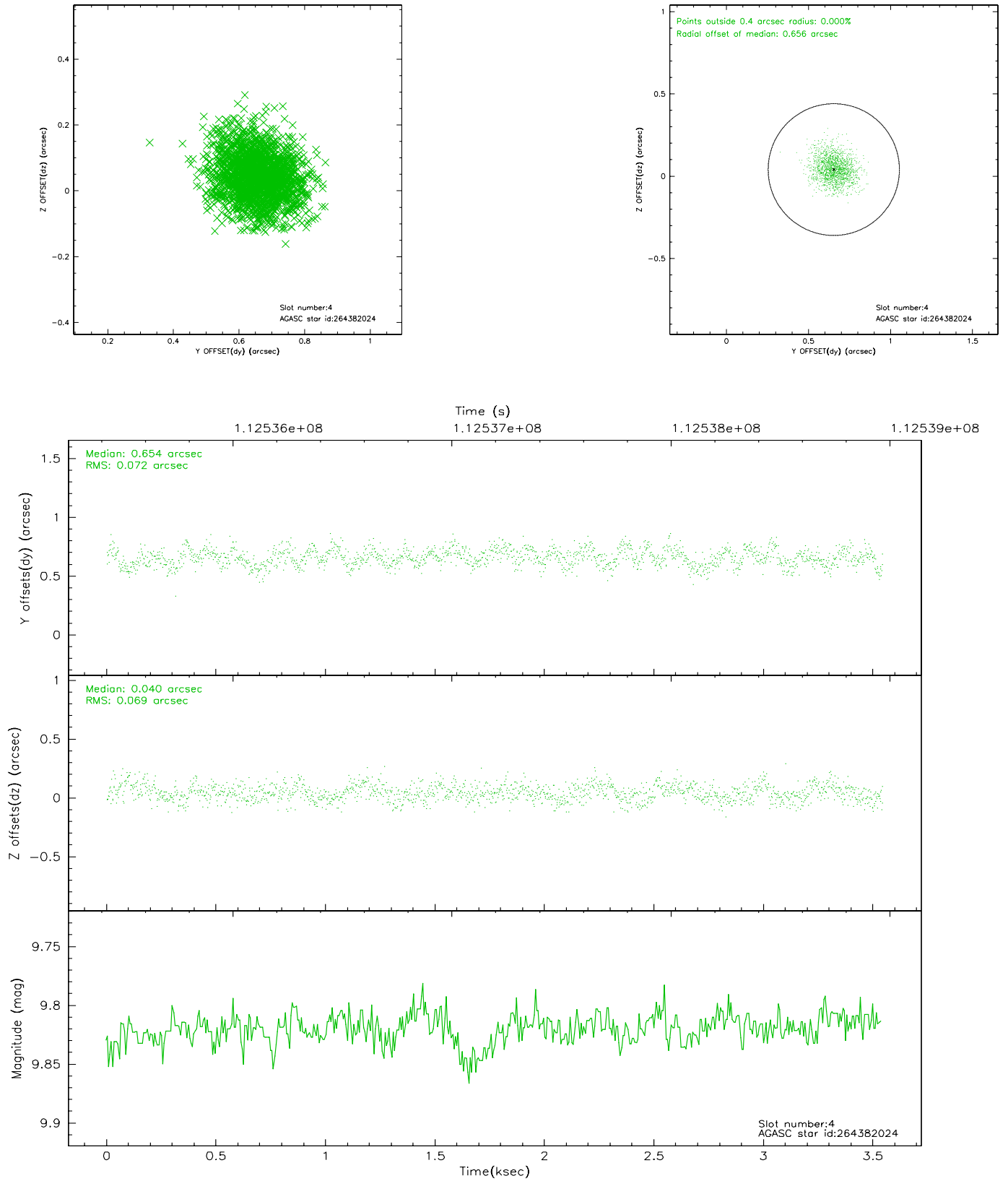
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	864	-0.028	-0.052	0.008	0.014	0.000000	0.000000	-756.45	-836.06
1	FID	ACIS-I-4	7.18	864	-0.049	0.039	0.005	0.010	0.000000	0.000000	2156.77	1069.33
2	FID	ACIS-I-5	7.23	863	-0.023	0.081	0.008	0.014	0.000000	0.000000	-1807.99	1069.23
3	GUIDE	264373392	8.25	1729	-0.188	0.060	0.051	0.085	225.756327	23.989456	-2054.27	1053.97
4	GUIDE	264382024	9.82	1725	0.654	0.040	0.107	0.169	224.948680	23.453000	468.20	-1055.20
5	GUIDE	264382040	10.04	1727	-0.009	0.060	0.127	0.204	225.258856	23.774838	-903.20	-344.86
6	GUIDE	264372808	10.16	1728	-0.006	0.051	0.131	0.210	225.995639	23.578198	-815.48	2184.30
7	GUIDE	264378264	7.40	1726	-0.449	-0.206	0.074	0.113	224.702047	24.169737	-1841.38	-2464.09

2.4 Star Slots

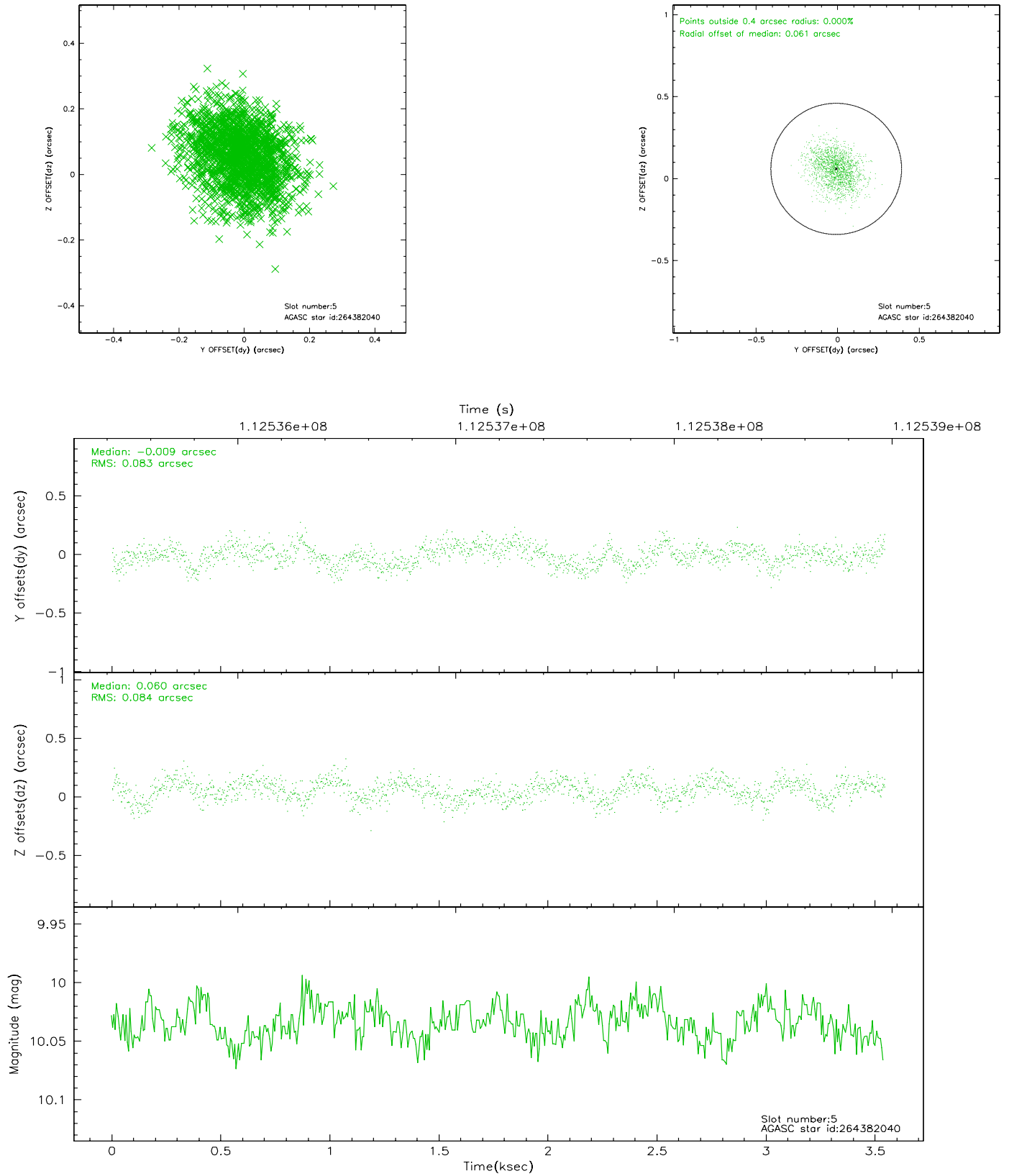
2.4.1 Slot 3



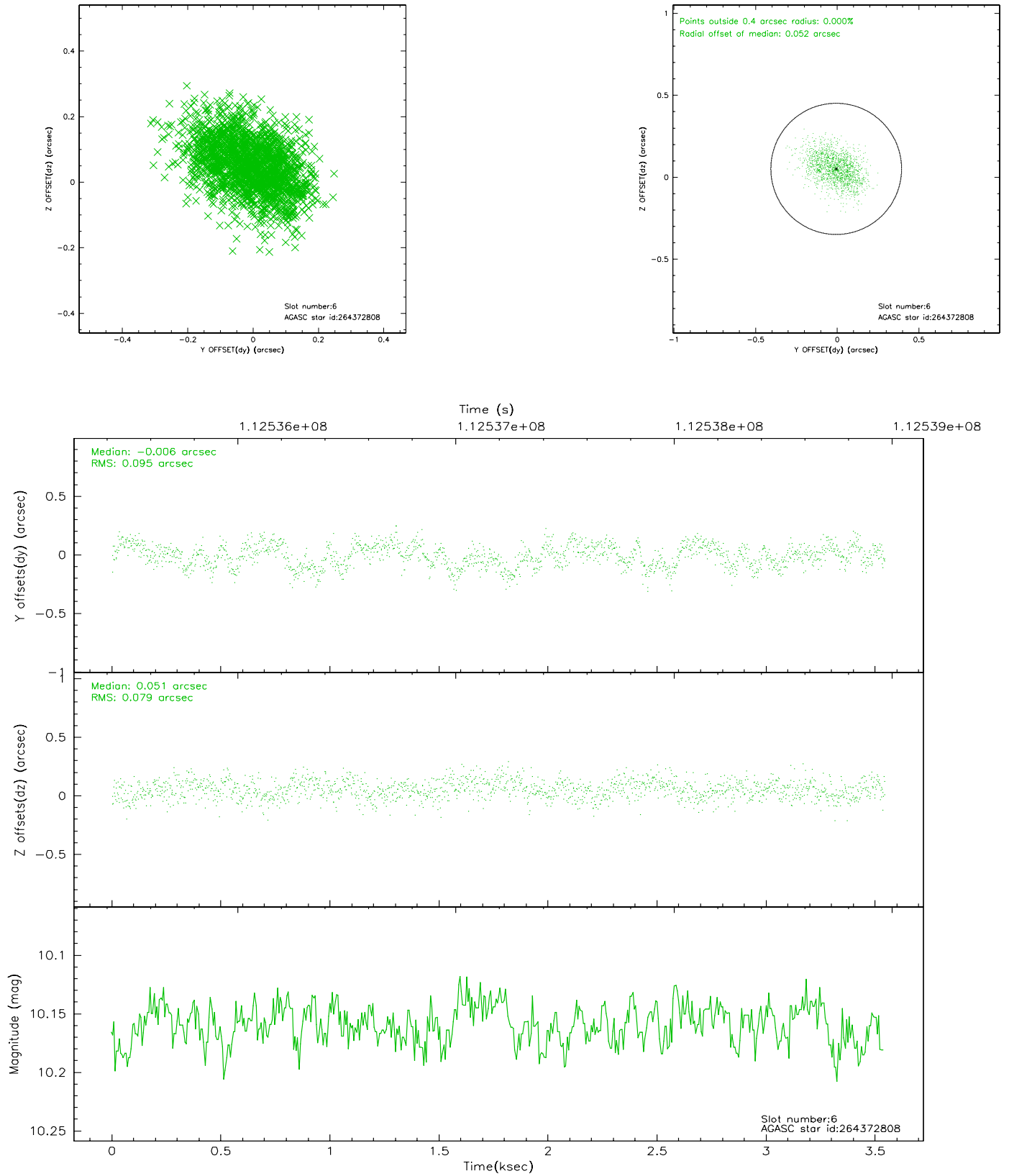
2.4.2 Slot 4



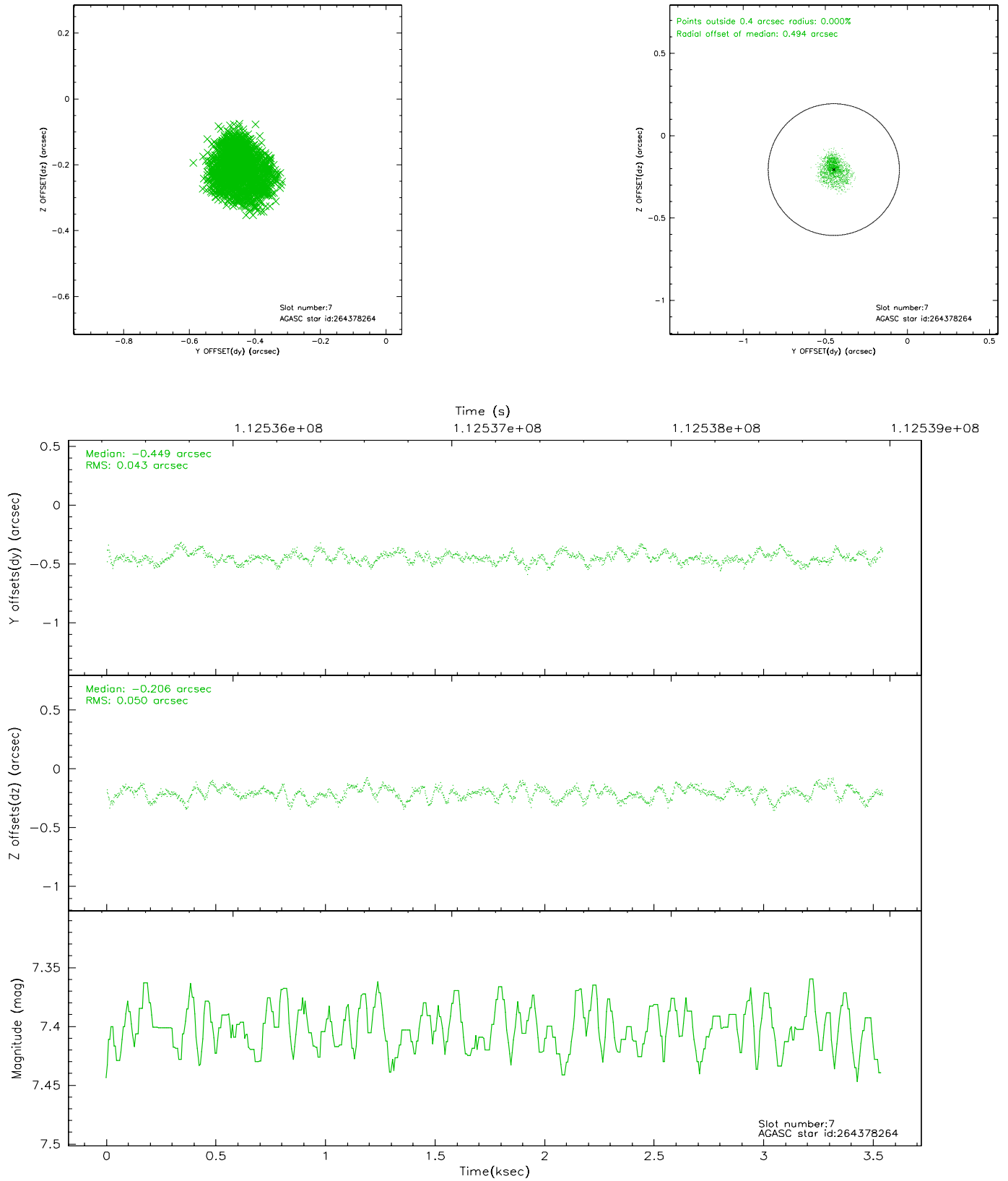
2.4.3 Slot 5



2.4.4 Slot 6

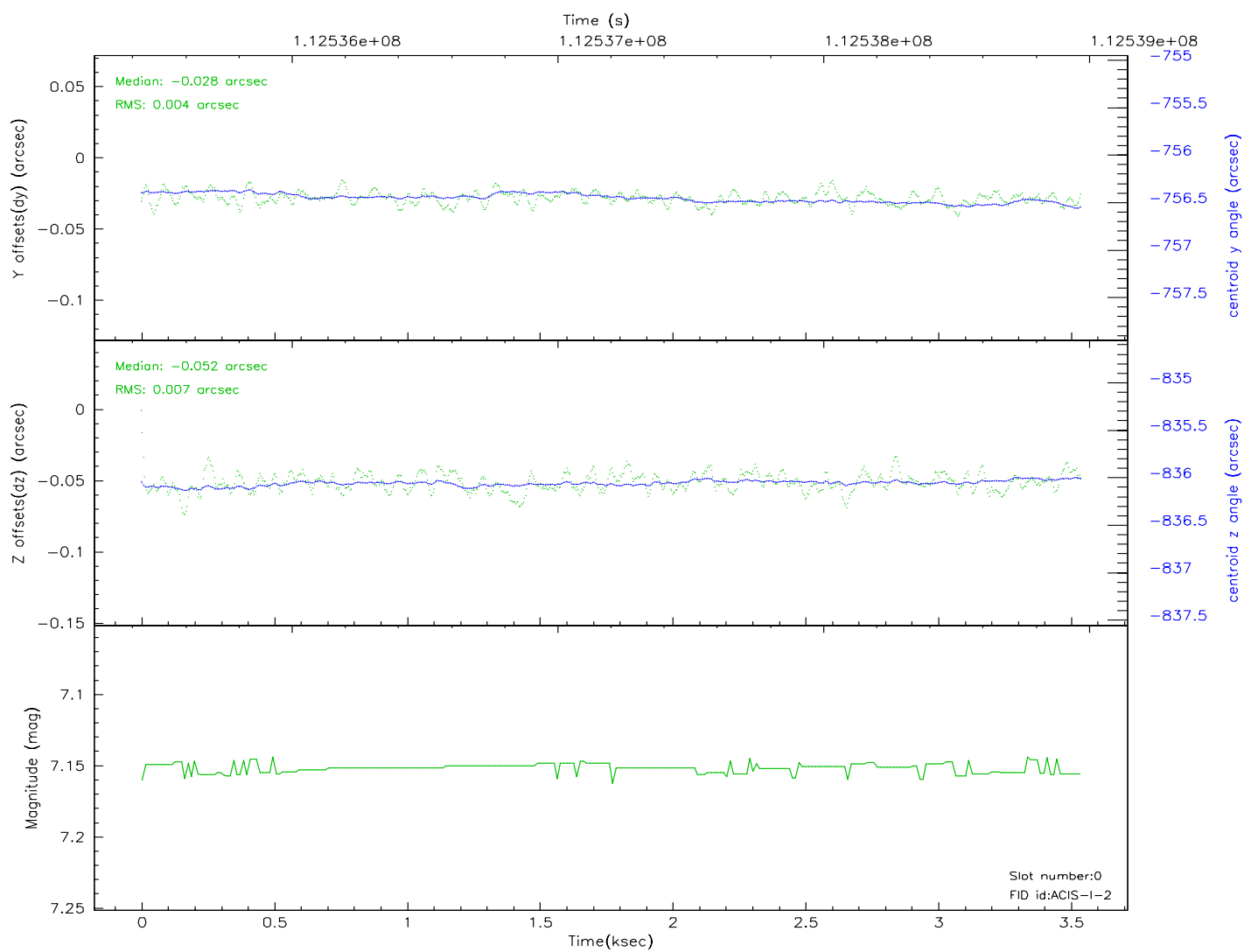
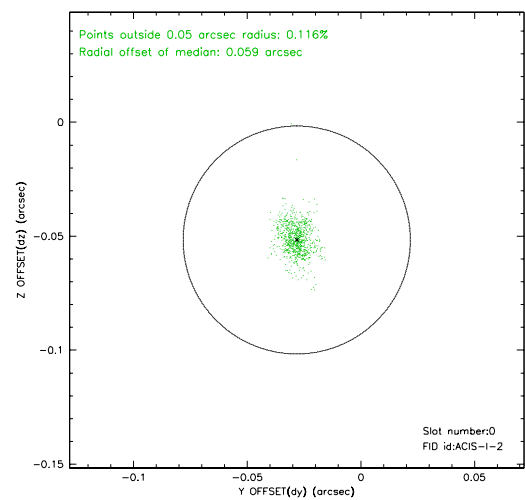
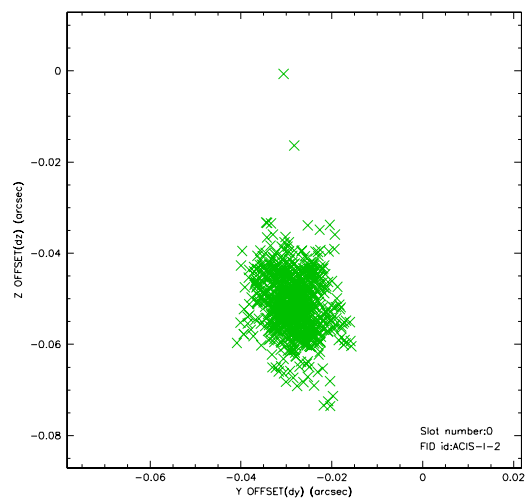


2.4.5 Slot 7

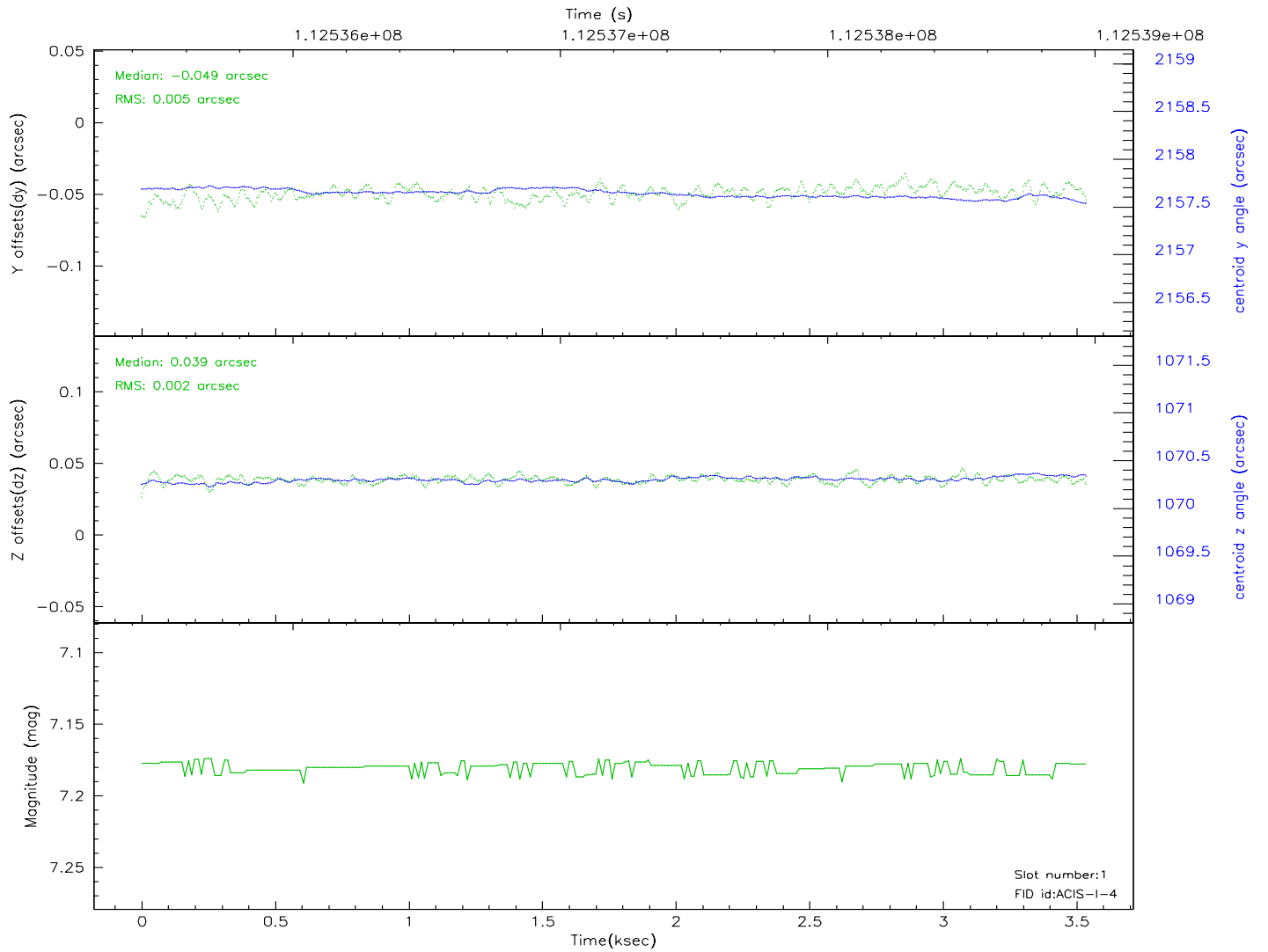
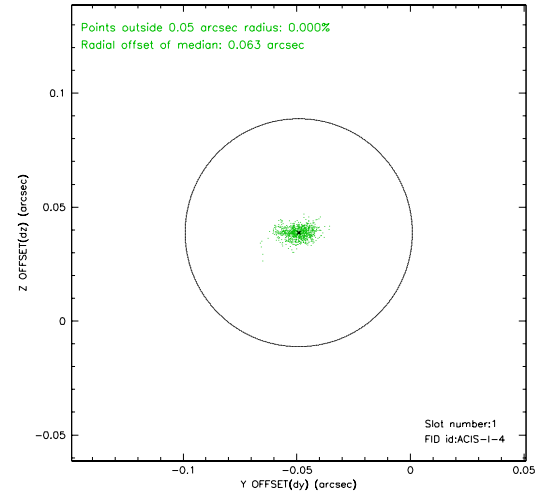
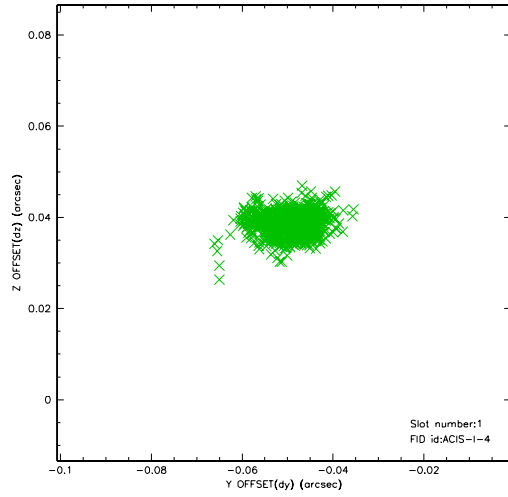


2.5 FID Slots

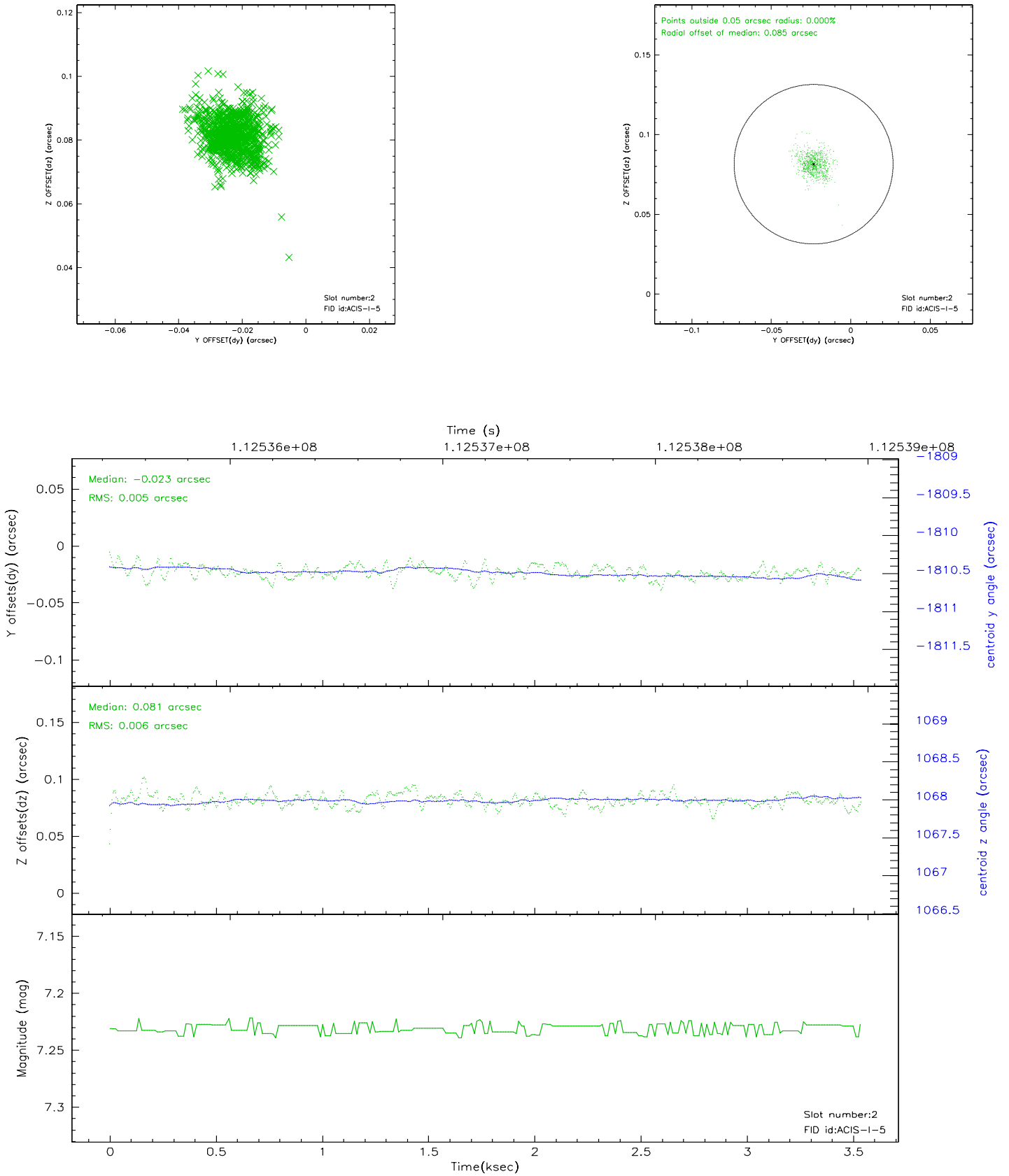
2.5.1 Slot 0



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)	2006.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.5

A.2 Comments