

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3696 - L2 Version 001
Chandra X-Ray Center

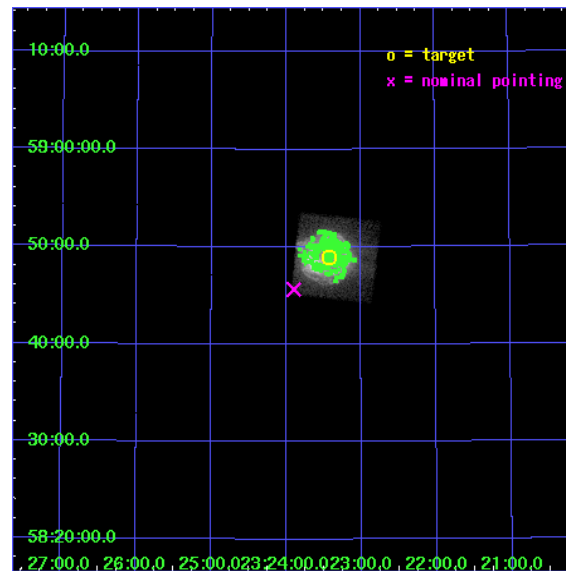
L2 Processing Date : Jul 24 2006

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1 Front

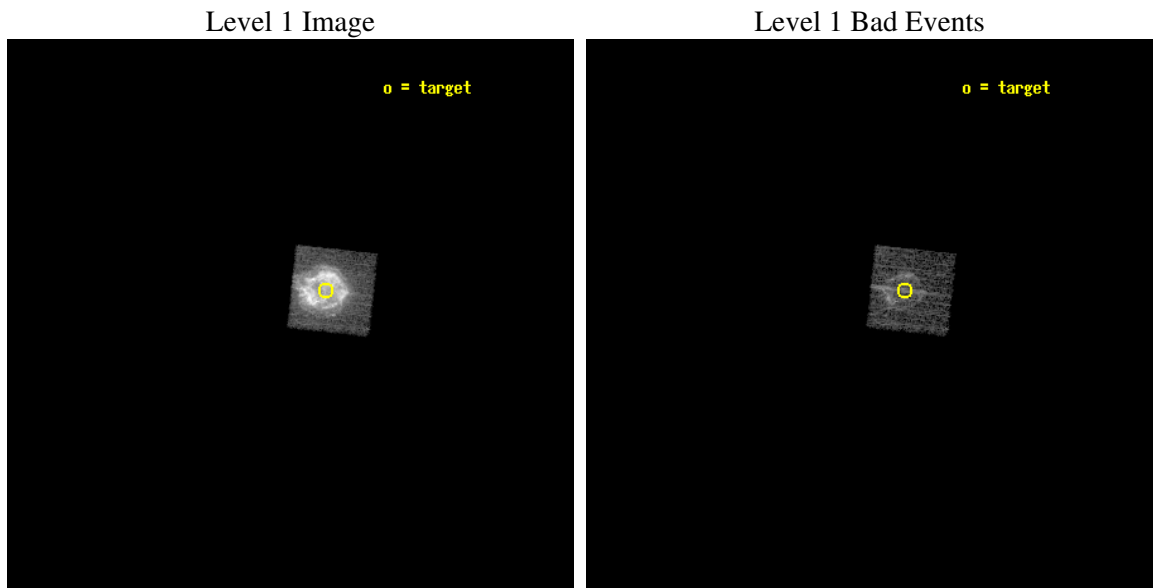
seq_num	590308
obs_id	3696
title	AO4A OBSERVATIONS OF THE STANDARD CANDLES CAS A AND G21.5-09
observer	Dr. CXC Calibration
object	CAS A[I3,-120,-3.0,3.5,0]
dtcycle	0
cycle	P
ra_targ	350.8575
dec_targ	58.814833
ra_nom	350.97468615275
dec_nom	58.760811399315
roll_nom	6.384555198166
revision	2
ontime	1686.059925437
livetime	1664.7100194377
ontime0	2297.5999914408
ontime1	2297.5999914408
ontime2	2297.5999914408
ontime3	1686.059925437
ontime6	2297.5999914408
ontime7	2297.5999914408
l2events	359866



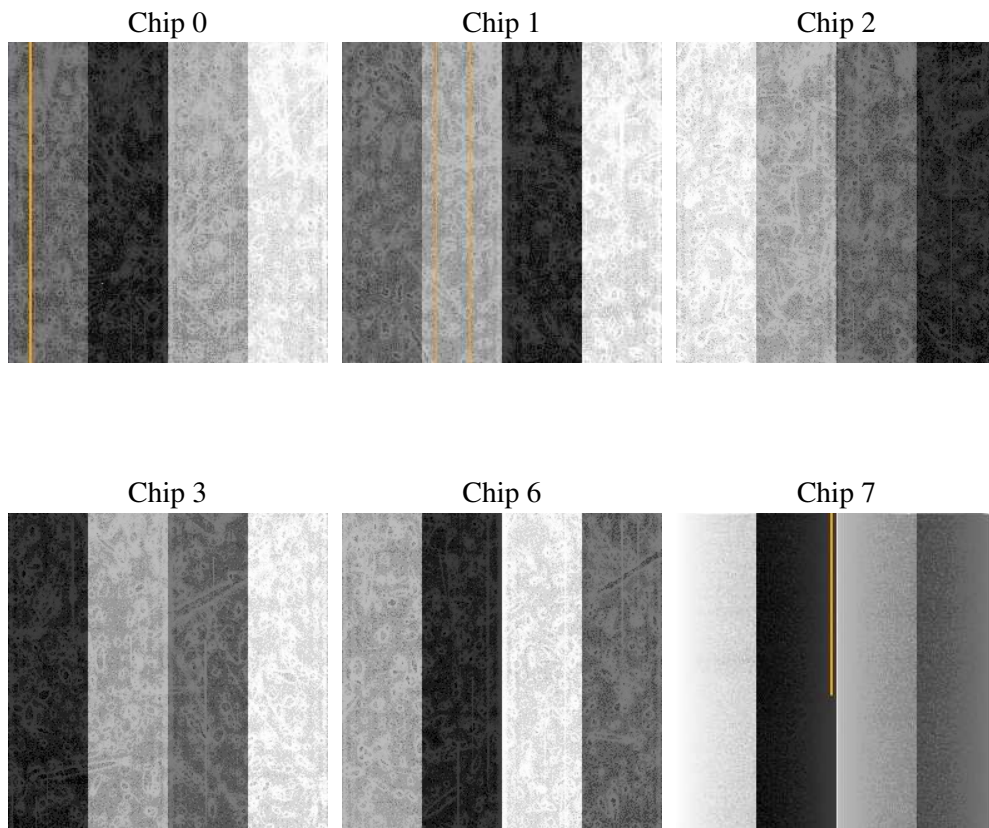
2 OBI

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	2006-07-24T19:10:40
revision	2

sched_exp_time	2119.000000
ontime	1746.9079978764
ontime0	2359.4518893361
ontime1	2359.4518893361
ontime2	2359.4518893361
ontime3	1746.9079978764
ontime6	2359.4518893361
ontime7	2359.4518893361
l1events	443944

2.1.4 Events

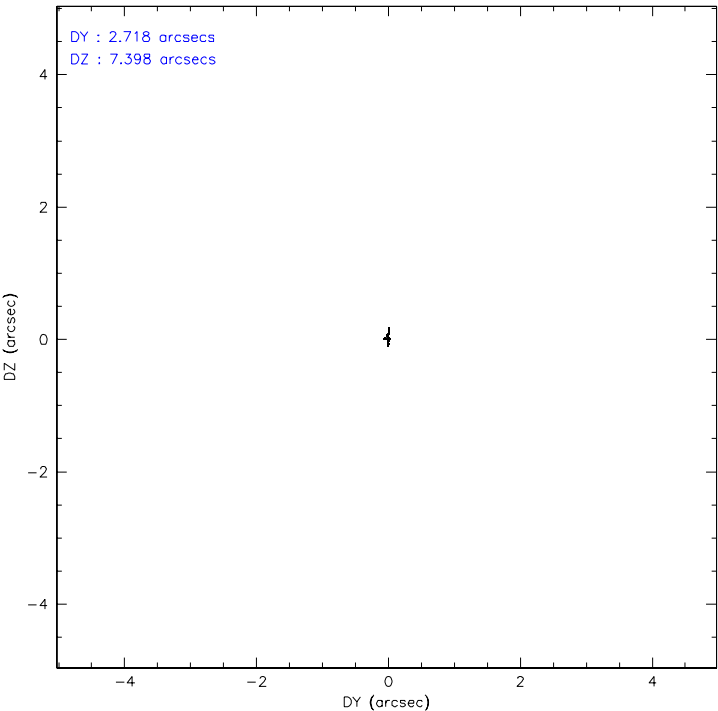
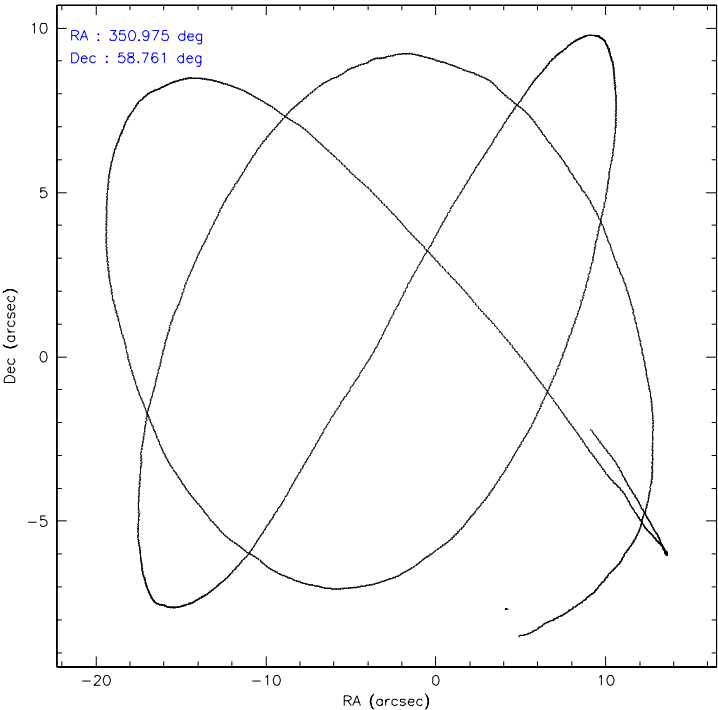
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	0	0	0	443944	0	0
rejected events	0	0	0	72870	0	0
rejected %	0%	0%	0%	16%	0%	0%

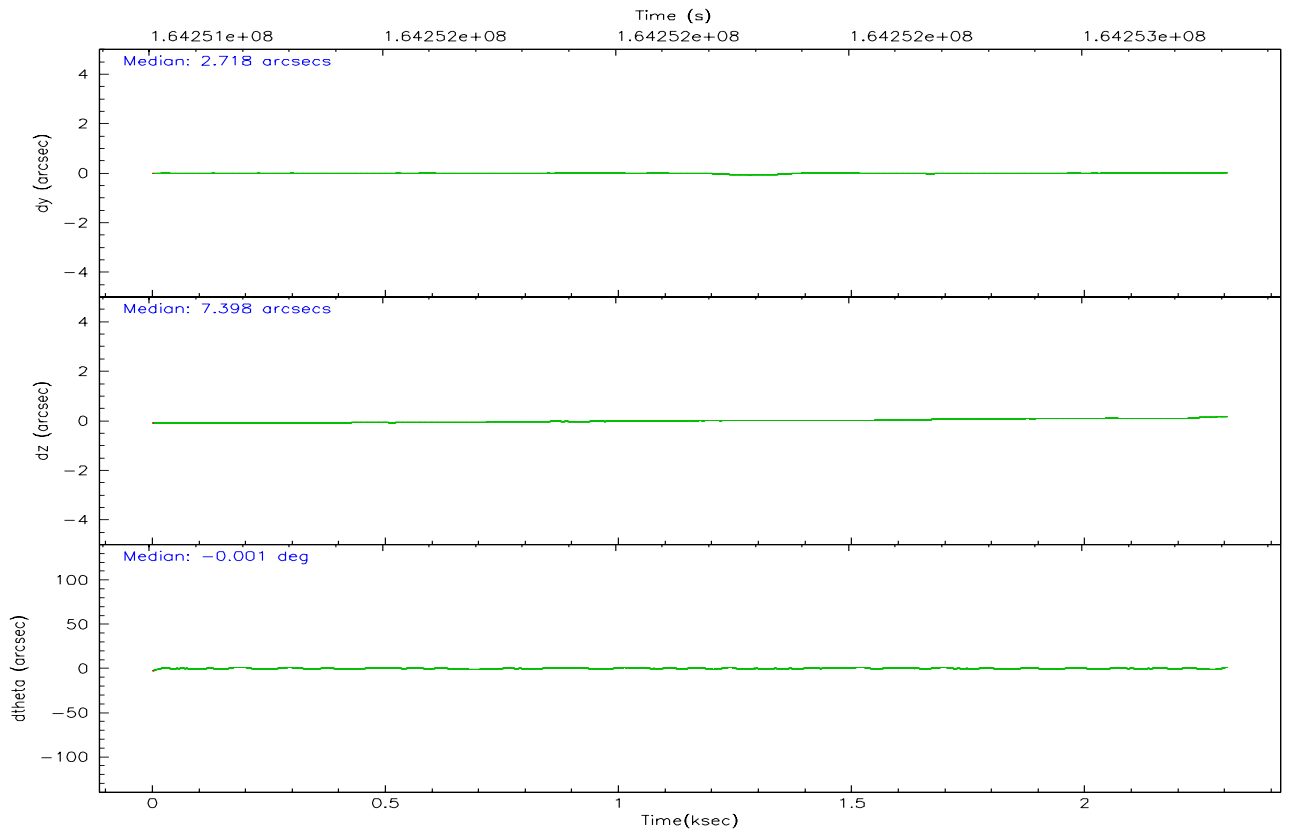
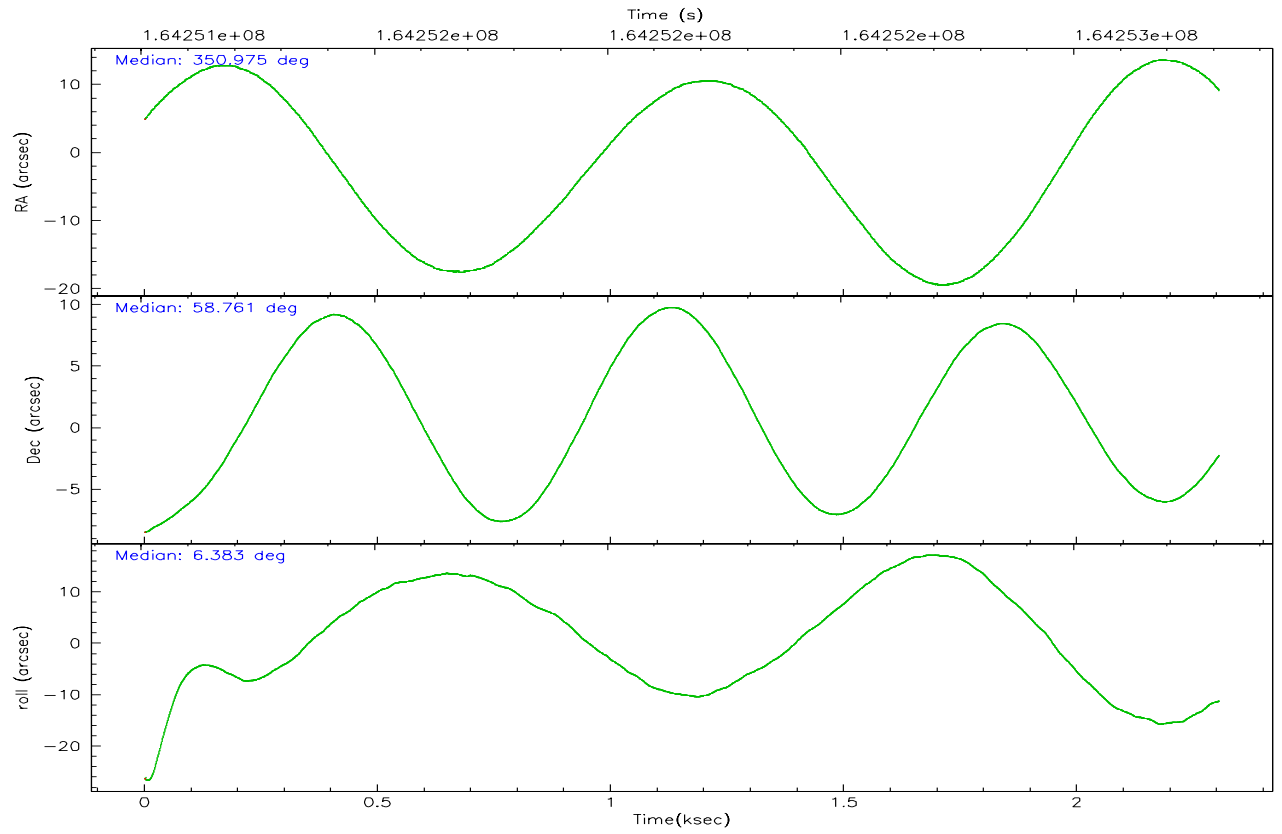
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	0	0	0	312269	0	0
	0%	0%	0%	70%	0%	0%
grade 1 events	0	0	0	5005	0	0
	0%	0%	0%	1%	0%	0%
grade 2 events	0	0	0	39006	0	0
	0%	0%	0%	8%	0%	0%
grade 3 events	0	0	0	12481	0	0
	0%	0%	0%	2%	0%	0%
grade 4 events	0	0	0	12508	0	0
	0%	0%	0%	2%	0%	0%
grade 5 events	0	0	0	3251	0	0
	0%	0%	0%	0%	0%	0%
grade 6 events	0	0	0	8289	0	0
	0%	0%	0%	1%	0%	0%
grade 7 events	0	0	0	51135	0	0
	0%	0%	0%	11%	0%	0%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012367	ACIS-012367	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	350.931846	350.9746861527523	Alternating exposures requested	N	N
Pointing Dec	58.744617	58.76081139931508	Primary exposure time	0.000000	3.2
Pointing Roll	6.212657	6.384555198165991			
Window start time	164073664.184000	164073664.184000			
Window stop time	168134464.184000	168134464.184000			
SIM focus pos (mm)	-0.782348	-0.7809083437167272			
SIM defocus (mm)	0	0.001439871863259334			
SIM translation stage pos (mm)	-233.592463	-233.5874344608287			
SIM translation stage offset (mm)	0	-0.005018542100998502			
Observation start time	164251194.184000	164250094.28938			
Observation start date	2003-03-17T01:18:50	2003-03-17T01:01:34			
Observation end time	164253313.184000	164253463.46452			
Observation end date	2003-03-17T01:54:09	2003-03-17T01:57:43			
Read mode	TIMED	TIMED			

2.3 Aspect



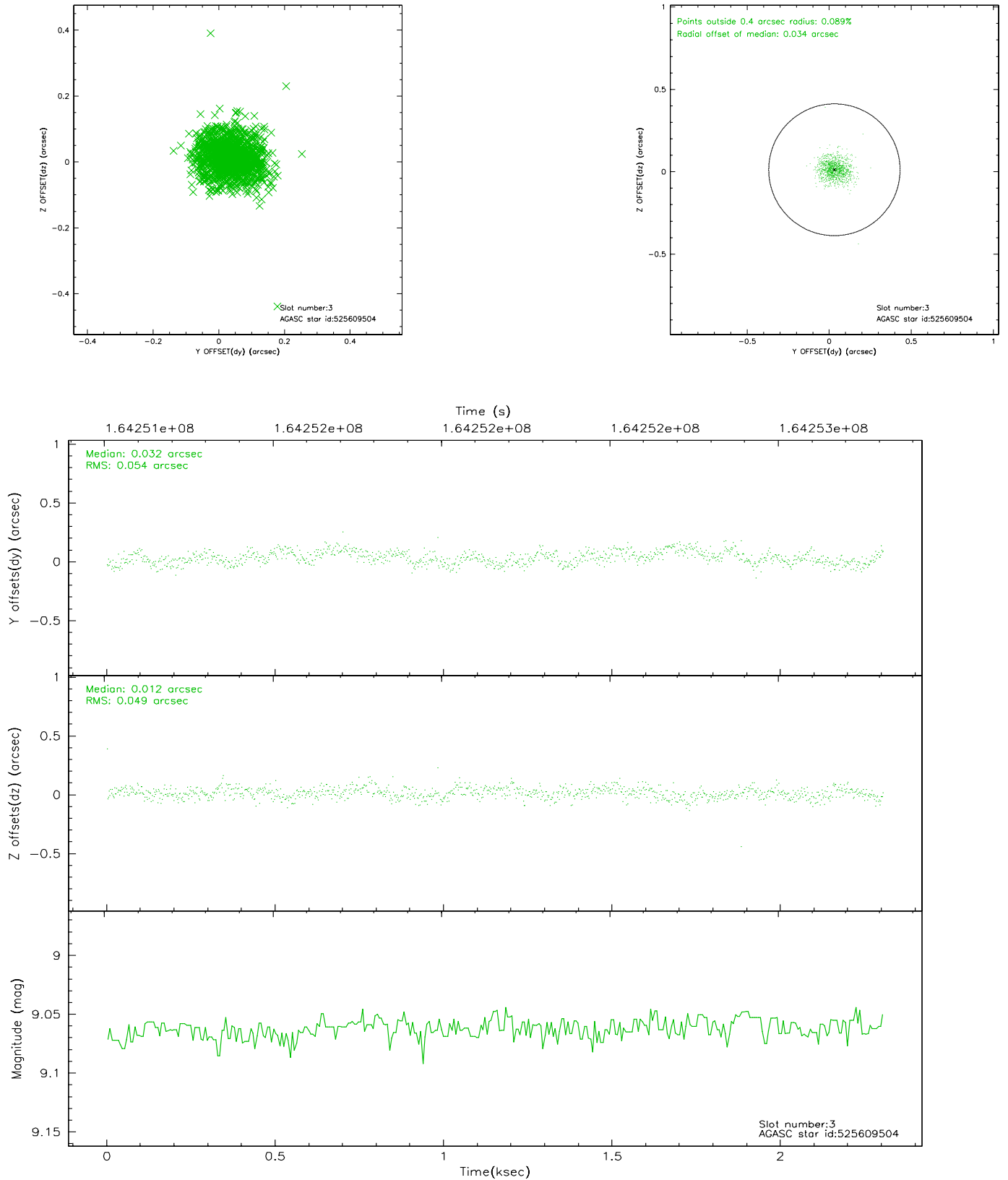


Slot Statistics

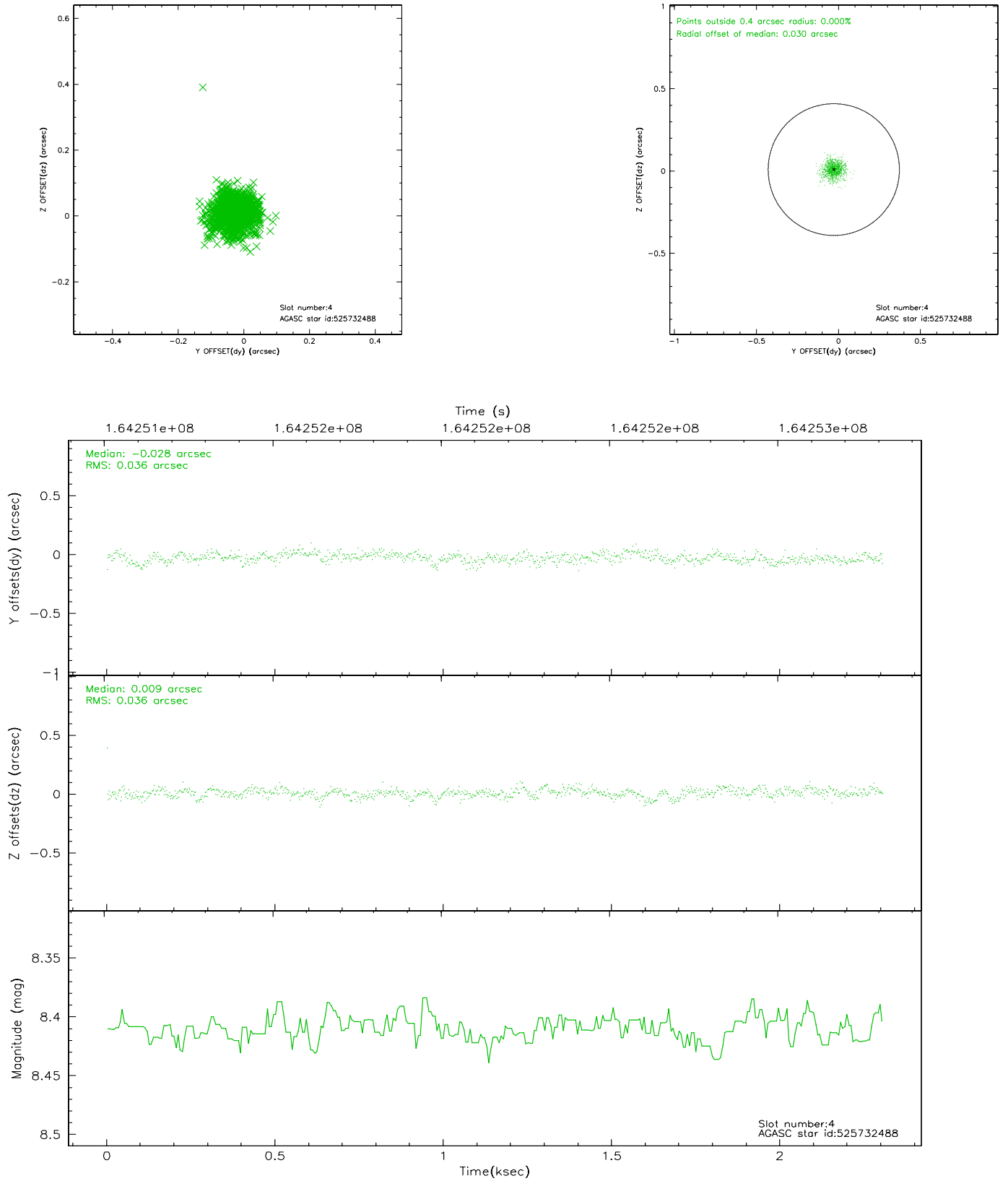
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	563	-0.005	0.040	0.006	0.010	0.000000	0.000000	937.07	-830.78
1	FID	ACIS-I-5	7.24	562	-0.059	0.049	0.005	0.008	0.000000	0.000000	-1809.48	1065.37
2	FID	ACIS-I-6	7.26	562	-0.027	-0.019	0.006	0.009	0.000000	0.000000	399.58	1712.96
3	GUIDE	525609504	9.06	1125	0.032	0.012	0.076	0.118	349.896632	58.356658	-2093.98	-1161.20
4	GUIDE	525732488	8.41	1125	-0.028	0.009	0.052	0.087	350.087090	58.516915	-1669.09	-633.43
5	GUIDE	525735976	8.84	1125	-0.042	-0.052	0.068	0.107	350.142956	58.277622	-1667.80	-1500.95
6	GUIDE	525732896	9.69	1125	-0.015	-0.017	0.118	0.185	351.456486	59.410070	1212.82	2280.76
7	GUIDE	525732528	9.36	1123	0.051	0.043	0.102	0.160	351.607241	59.298932	1451.02	1858.61

2.4 Star Slots

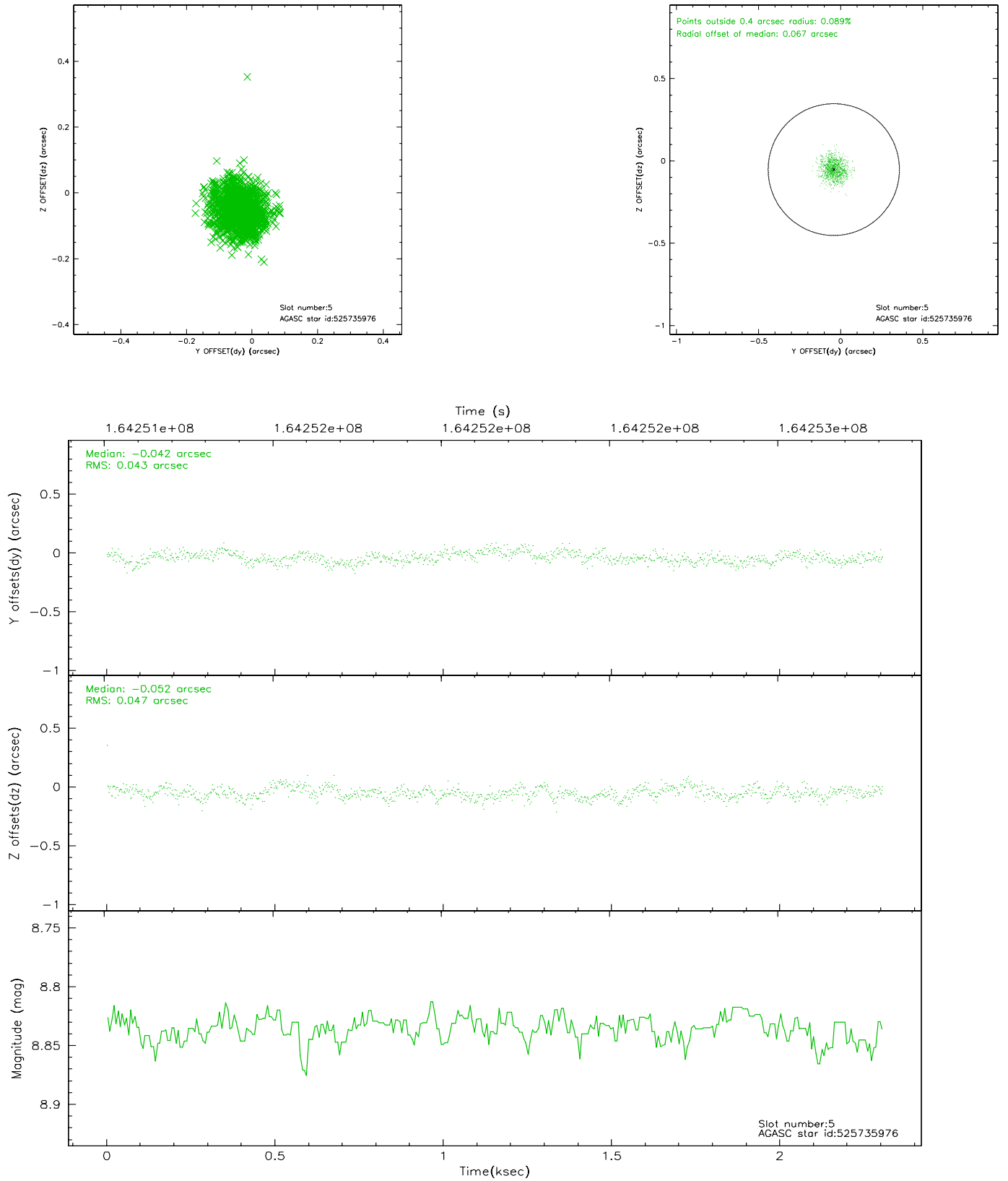
2.4.1 Slot 3



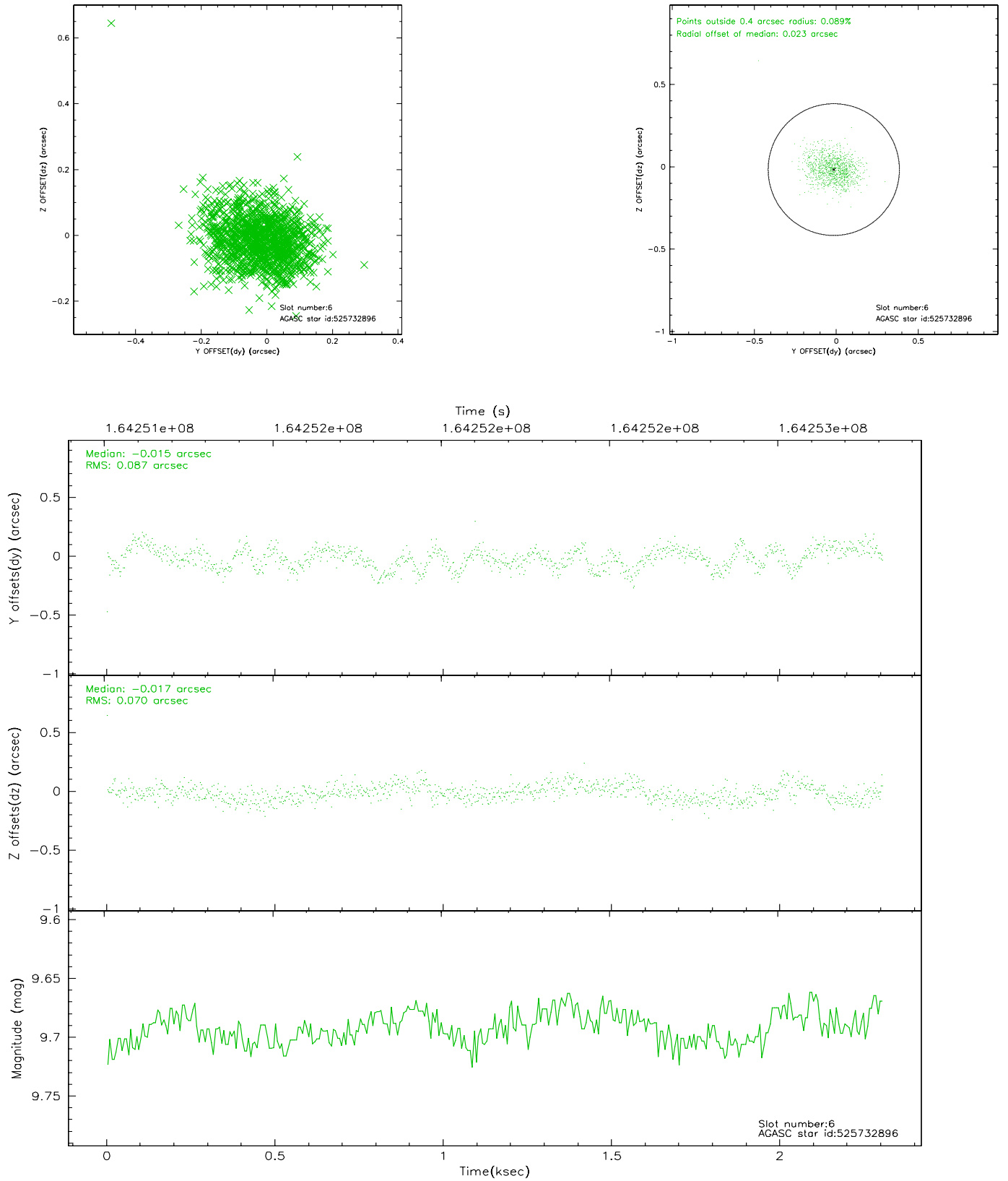
2.4.2 Slot 4



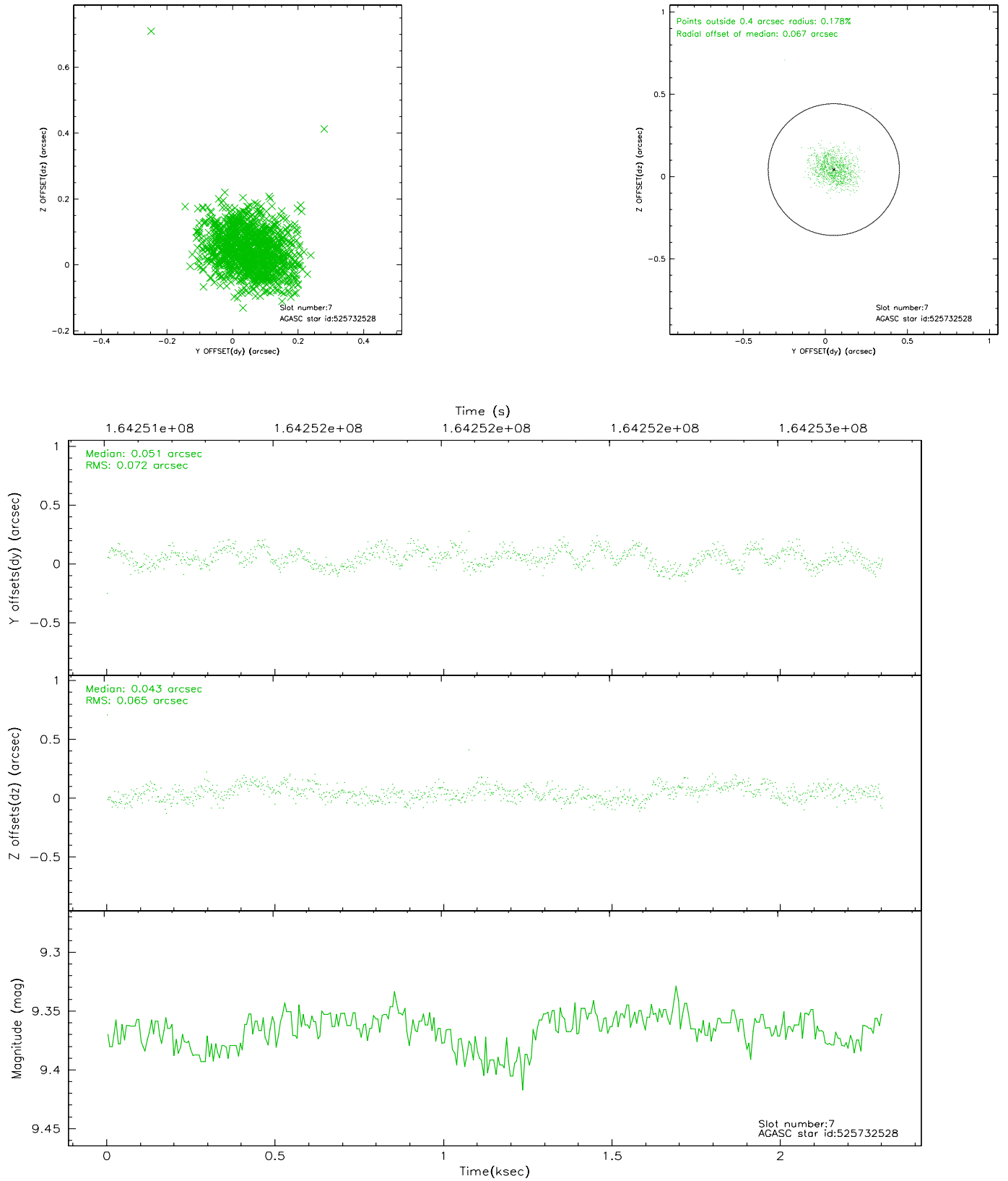
2.4.3 Slot 5



2.4.4 Slot 6

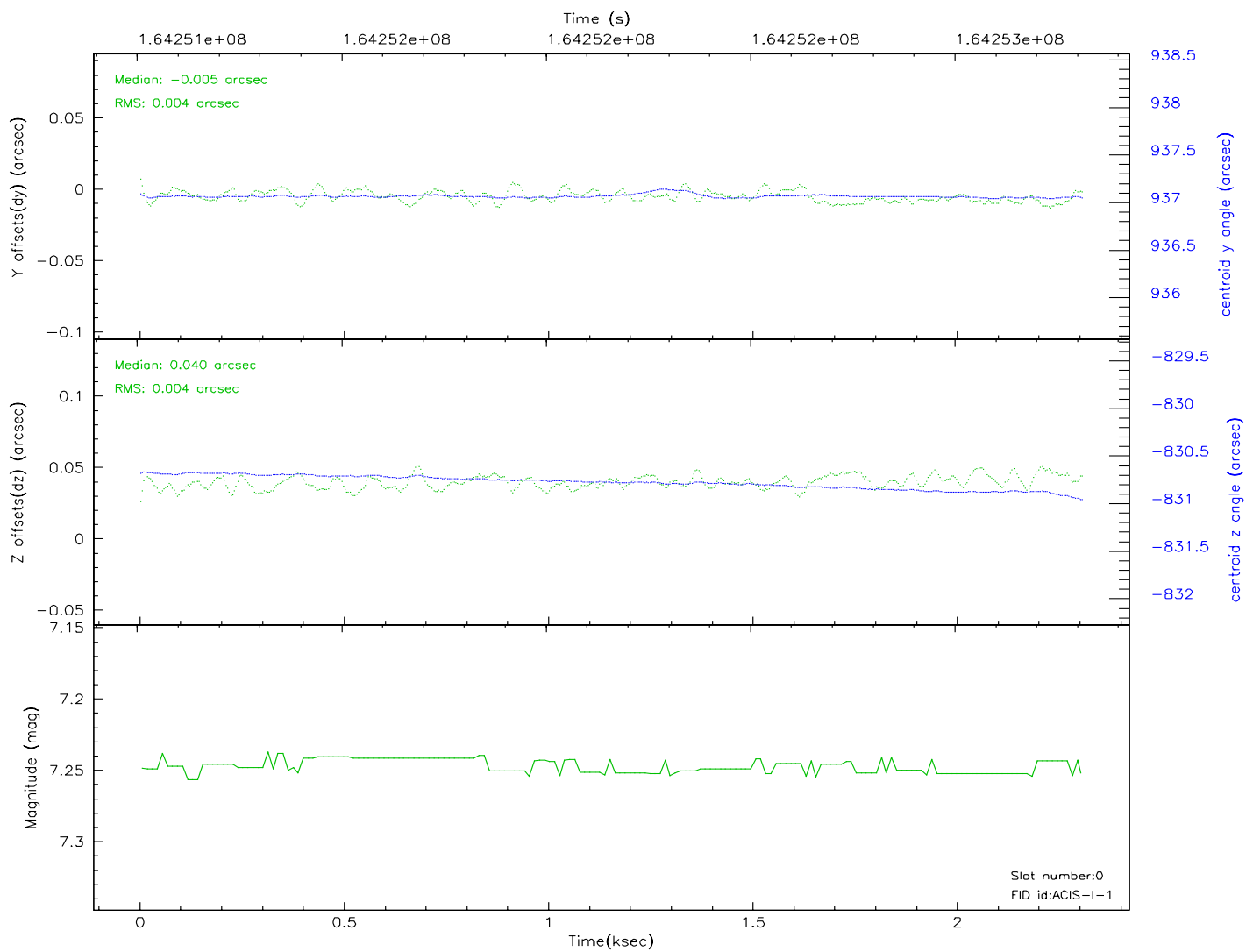
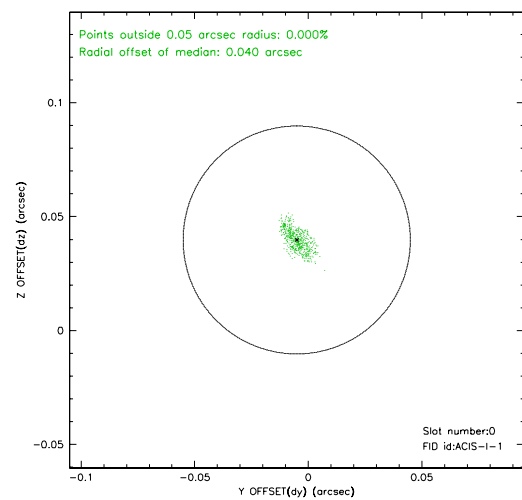
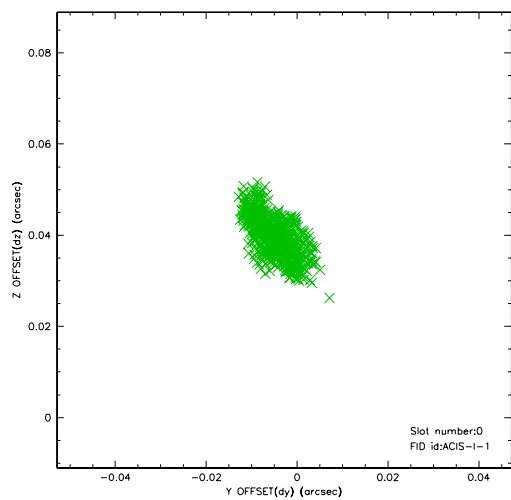


2.4.5 Slot 7

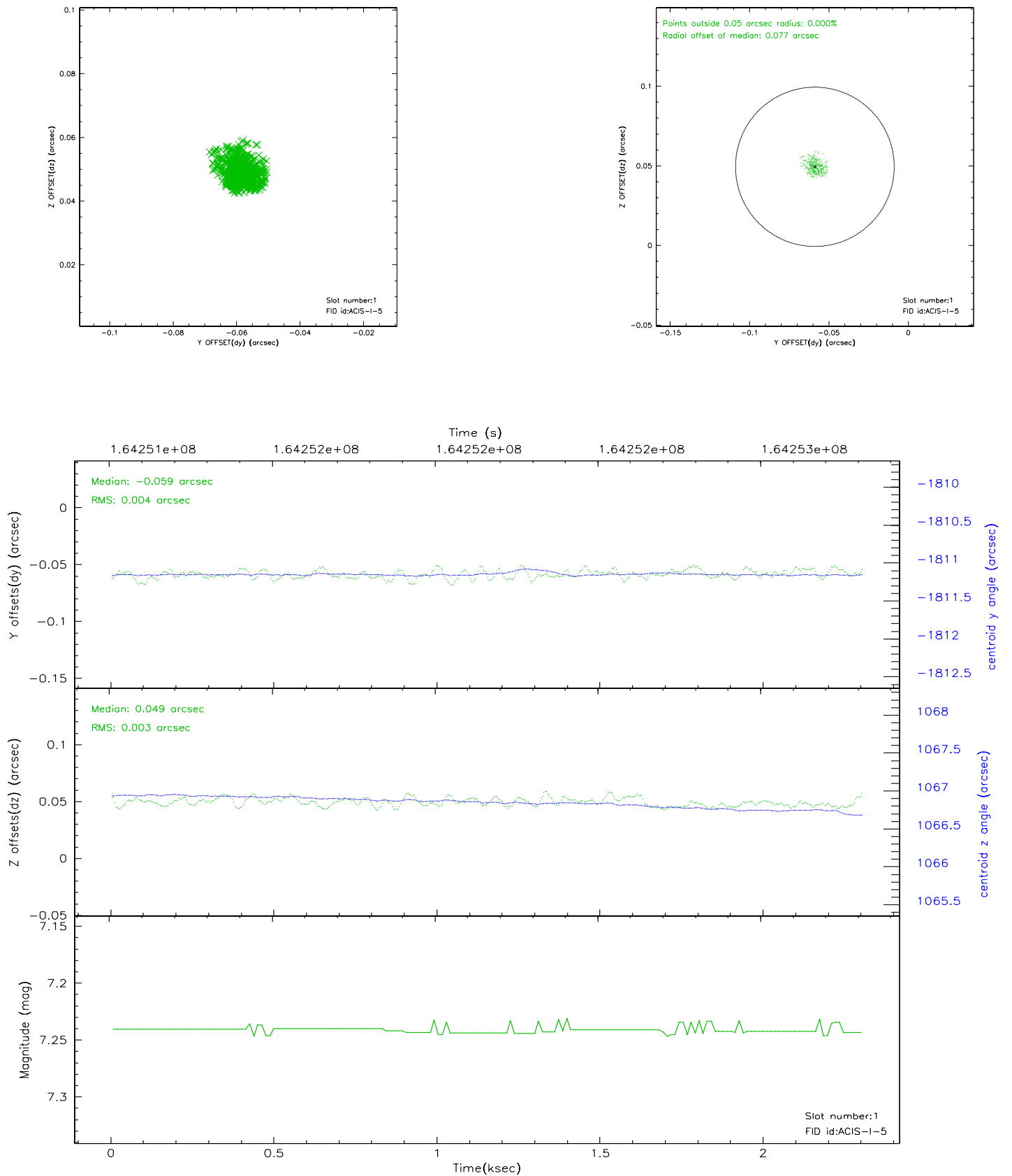


2.5 FID Slots

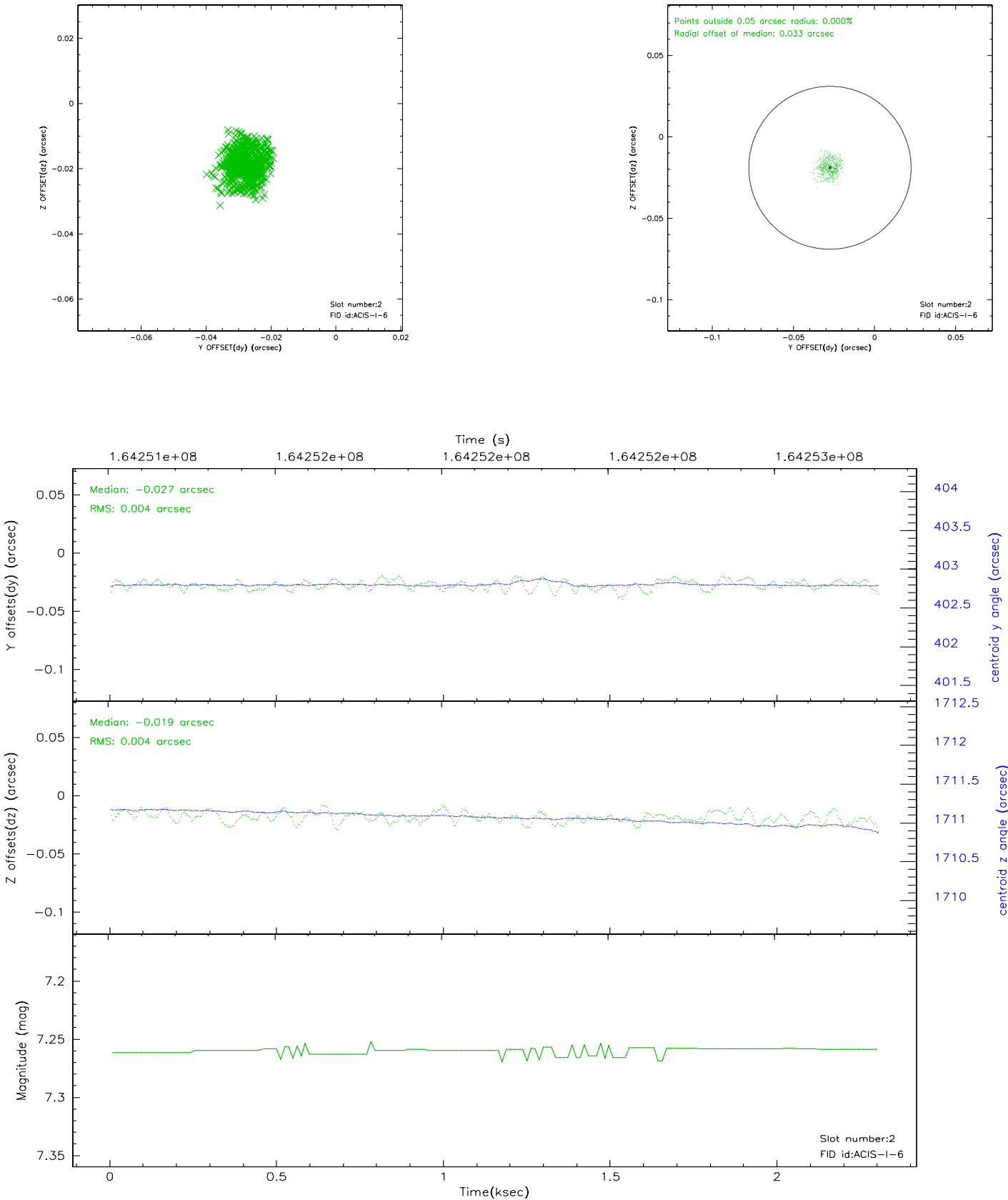
2.5.1 Slot 0



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)	2006.07.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.7

A.2 Comments

Window constraint satisfied.