

V&V Reference Report

L2 ASCDS Version : 7.6.8

Observation 3851 - L2 Version 001
Chandra X-Ray Center

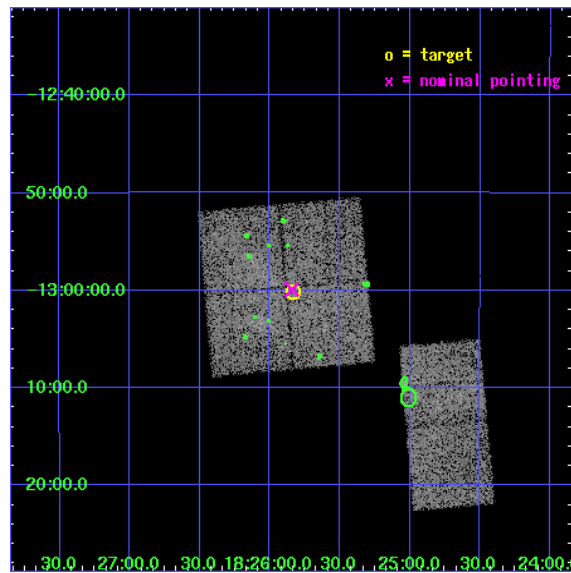
L2 Processing Date : Jul 27 2006

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1 Front

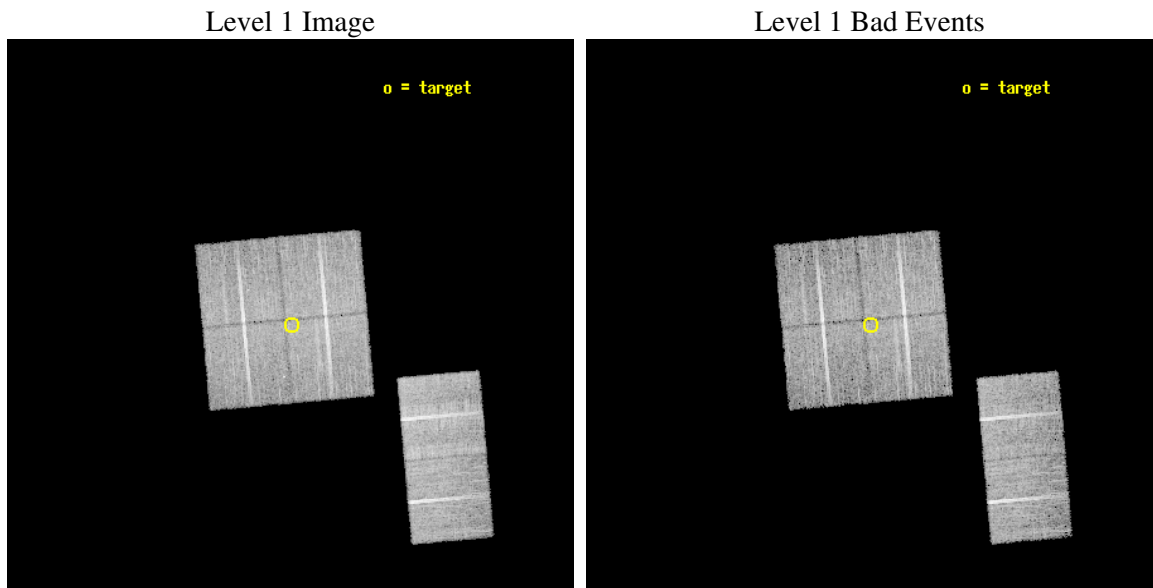
seq_num	500330
obs_id	3851
title	GALACTIC GEV GEMINGAS: POINT SOURCE PARAMETERS AND COMPACT PWN
observer	Prof. Roger Romani
object	GEV J1825-1310
dtcycle	0
cycle	P
ra_targ	276.458333
dec_targ	-13.002778
ra_nom	276.46055951118
dec_nom	-12.998708435611
roll_nom	84.924613879109
revision	2
ontime	15126.39994365
livetime	14934.860359539
ontime0	15123.15898338
ontime1	15126.39994365
ontime2	15123.158953458
ontime3	15126.39994365
ontime8	15126.39994365
ontime9	15126.39994365
l2events	49536



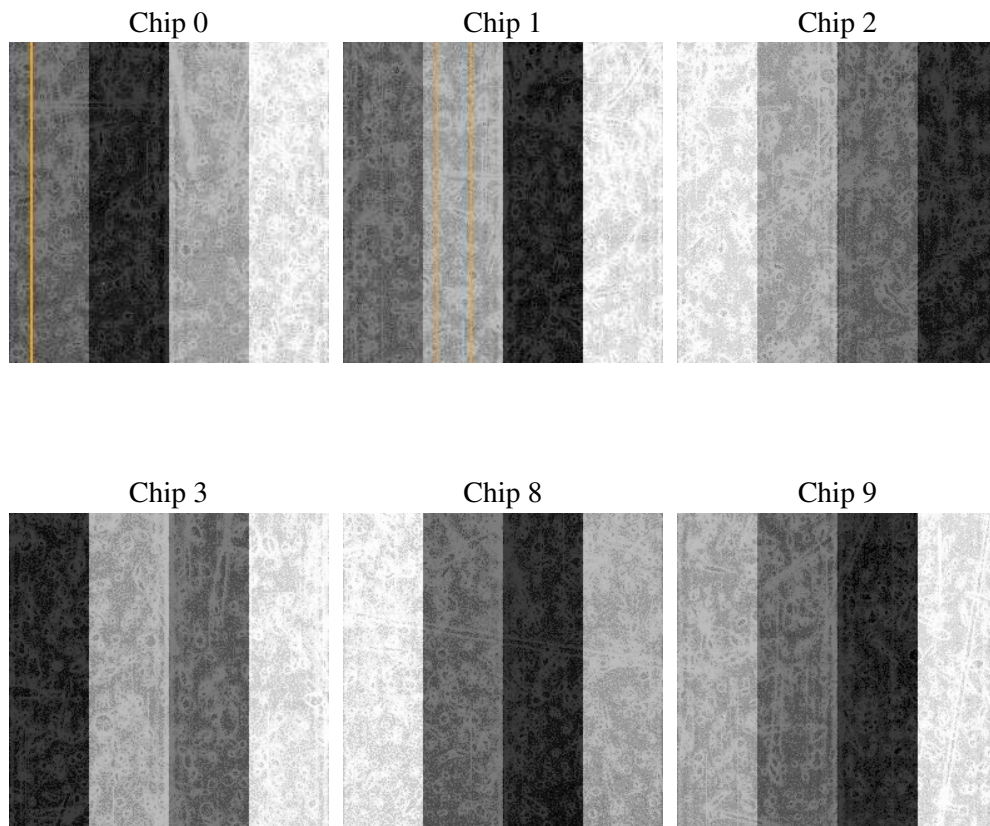
2 OBI

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	2006-07-27T15:50:38
revision	2

sched_exp_time	15000.000000
ontime	15423.926808566
ontime0	15420.685848296
ontime1	15423.926838487
ontime2	15420.685848296
ontime3	15423.926808566
ontime8	15423.926808566
ontime9	15423.926838487
l1events	483763

2.1.4 Events

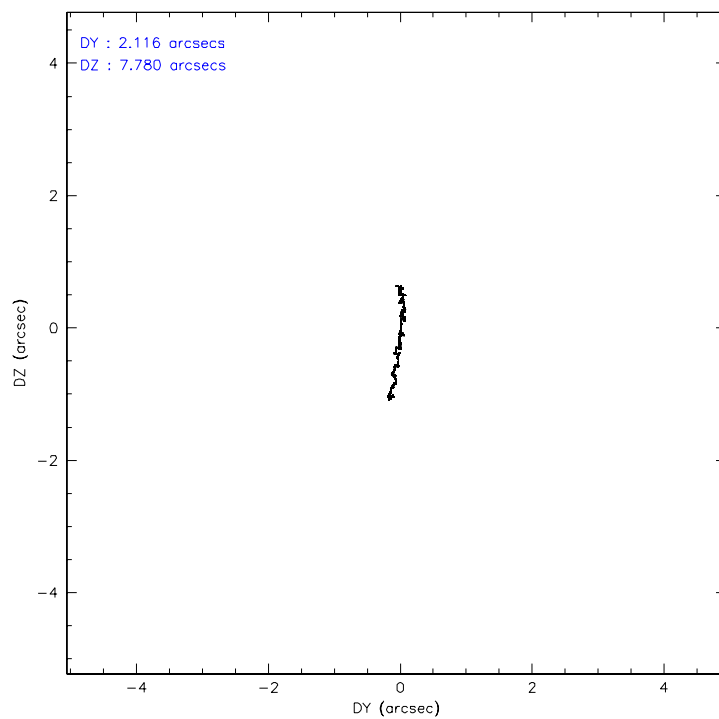
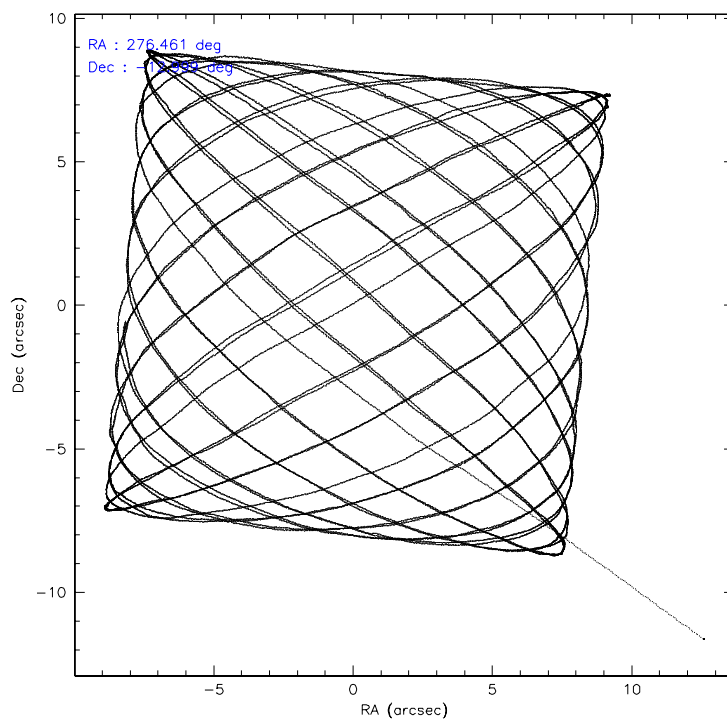
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 8	ccd 9
level 1 events	74093	71752	82222	79517	98224	77955
rejected events	63911	61319	73148	69993	74618	69225
rejected %	86%	85%	88%	88%	75%	88%

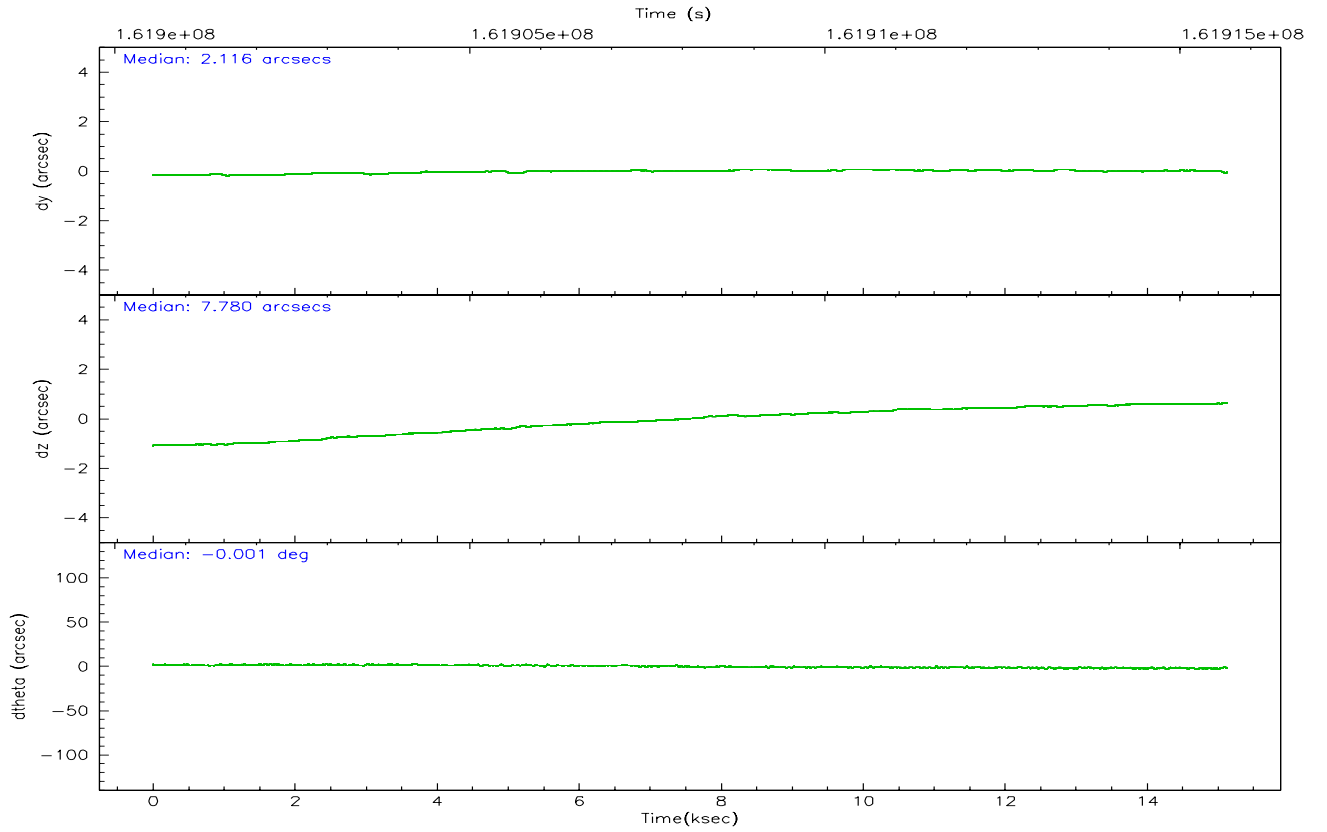
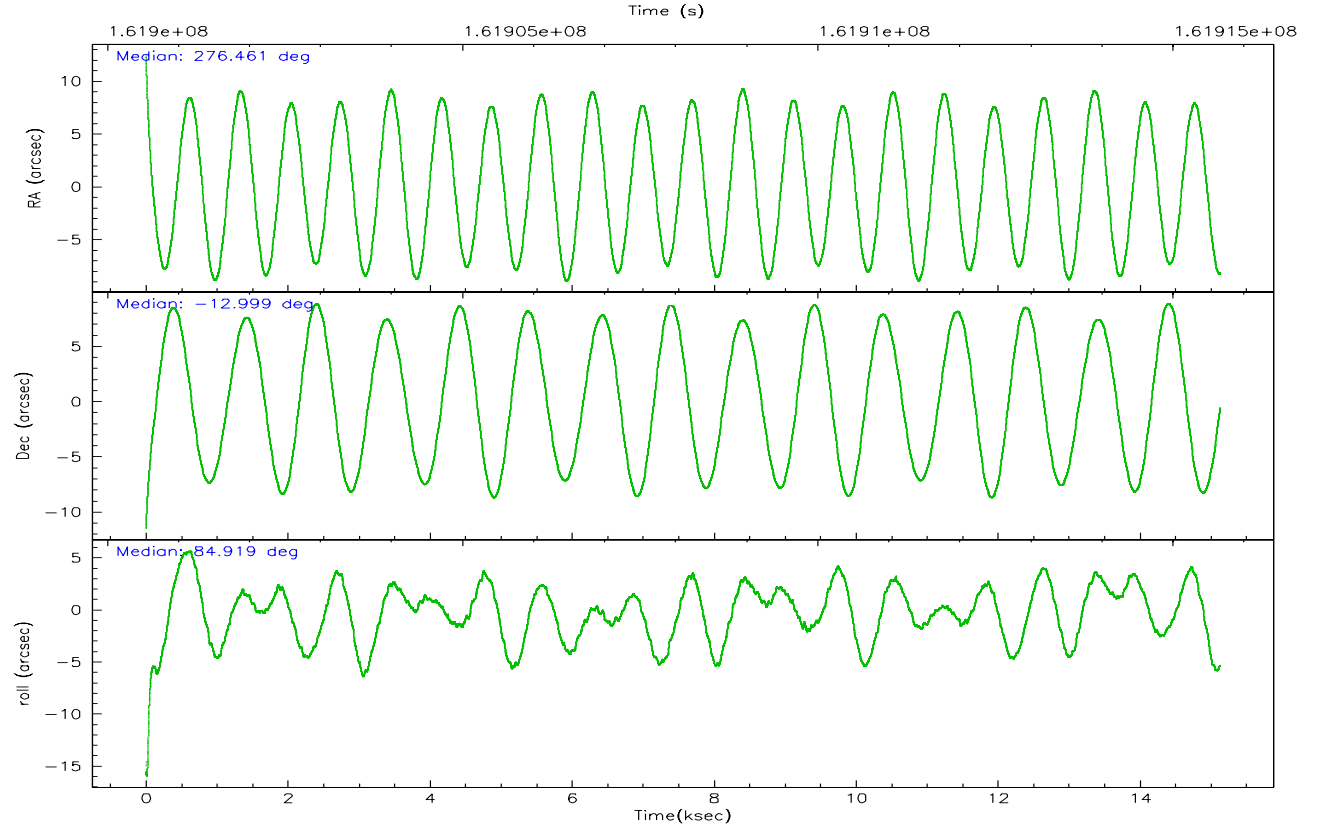
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 8	ccd 9
grade 0 events	4896	5047	4372	4687	7809	3668
	6%	7%	5%	5%	7%	4%
grade 1 events	49	32	47	32	71	40
	0%	0%	0%	0%	0%	0%
grade 2 events	2057	1937	1858	1735	5017	1767
	2%	2%	2%	2%	5%	2%
grade 3 events	1021	1043	906	929	2712	899
	1%	1%	1%	1%	2%	1%
grade 4 events	936	982	853	940	2521	940
	1%	1%	1%	1%	2%	1%
grade 5 events	2209	2365	1997	2525	3733	2843
	2%	3%	2%	3%	3%	3%
grade 6 events	1469	1639	1286	1416	5985	1615
	1%	2%	1%	1%	6%	2%
grade 7 events	61456	58707	70903	67253	70376	66183
	82%	81%	86%	84%	71%	84%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-012389	ACIS-012389	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	276.472517	276.4605595111755	Alternating exposures requested	N	N
Pointing Dec	-13.023468	-12.99870843561076	Primary exposure time	0.000000	3.2
Pointing Roll	84.718635	84.92461387910912			
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	161900672.184000	161899488.34049			
Observation start date	2003-02-17T20:23:28	2003-02-17T20:04:48			
Observation end time	161915672.184000	161916102.56618			
Observation end date	2003-02-18T00:33:28	2003-02-18T00:41:42			
Read mode	TIMED	TIMED			

2.3 Aspect



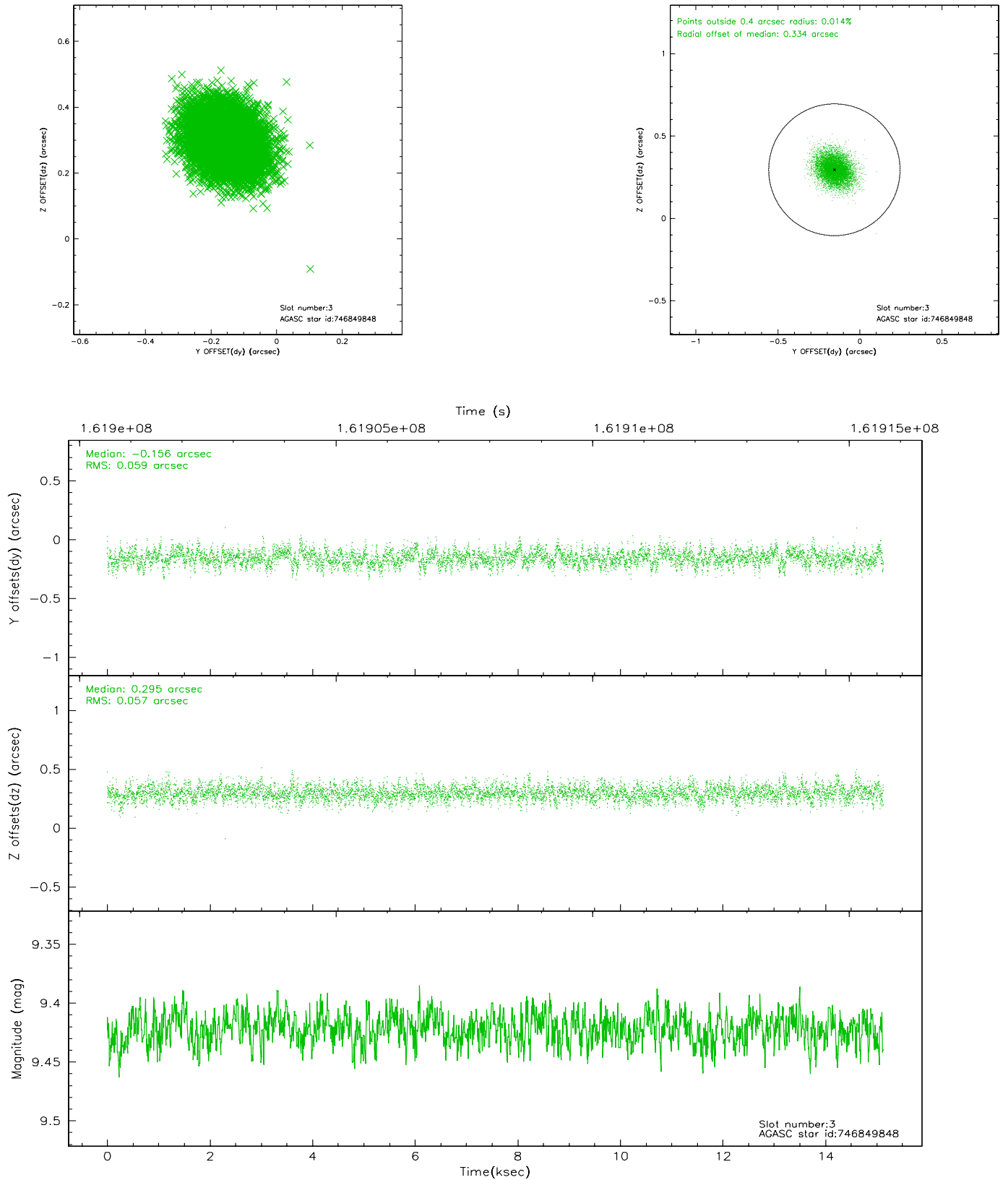


Slot Statistics

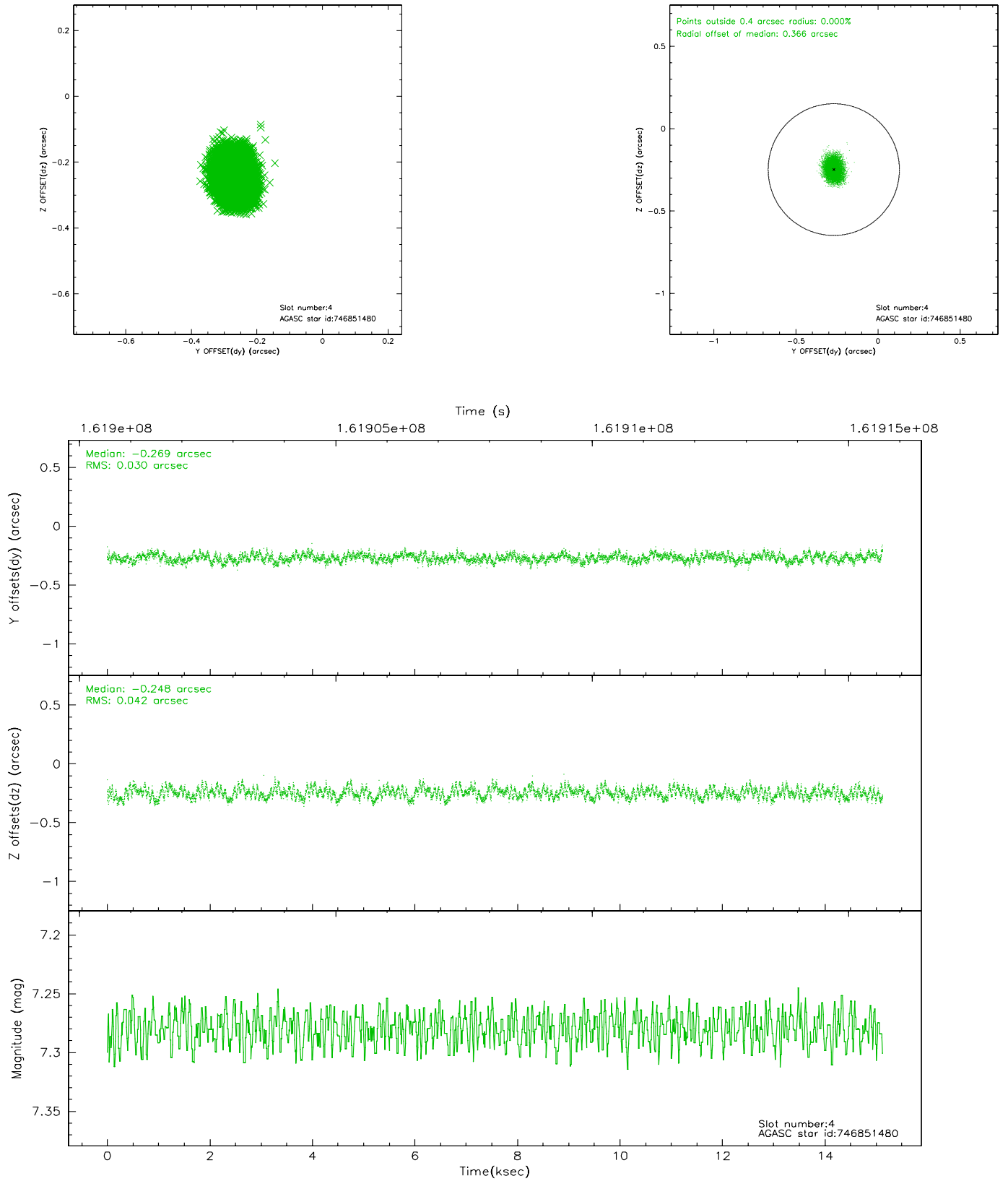
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	3691	-0.032	0.074	0.029	0.043	0.000000	0.000000	937.68	-831.04
1	FID	ACIS-I-5	7.24	3689	-0.026	0.036	0.013	0.020	0.000000	0.000000	-1810.23	1066.30
2	FID	ACIS-I-6	7.26	3690	-0.034	-0.039	0.018	0.032	0.000000	0.000000	402.93	1711.04
3	GUIDE	746849848	9.42	7379	-0.156	0.295	0.086	0.144	277.122496	-12.799904	1008.80	-2197.71
4	GUIDE	746851480	7.28	7382	-0.269	-0.248	0.056	0.087	275.998802	-12.584966	1417.04	1802.33
5	GUIDE	746876560	9.24	7381	-0.023	-0.065	0.095	0.152	276.166679	-12.675099	1149.48	1185.48
6	GUIDE	747384584	7.49	7382	0.140	-0.203	0.062	0.106	275.823210	-13.594301	-2258.18	2072.99
7	GUIDE	747387816	9.05	7380	0.304	0.222	0.082	0.132	276.668821	-13.651894	-2189.57	-891.65

2.4 Star Slots

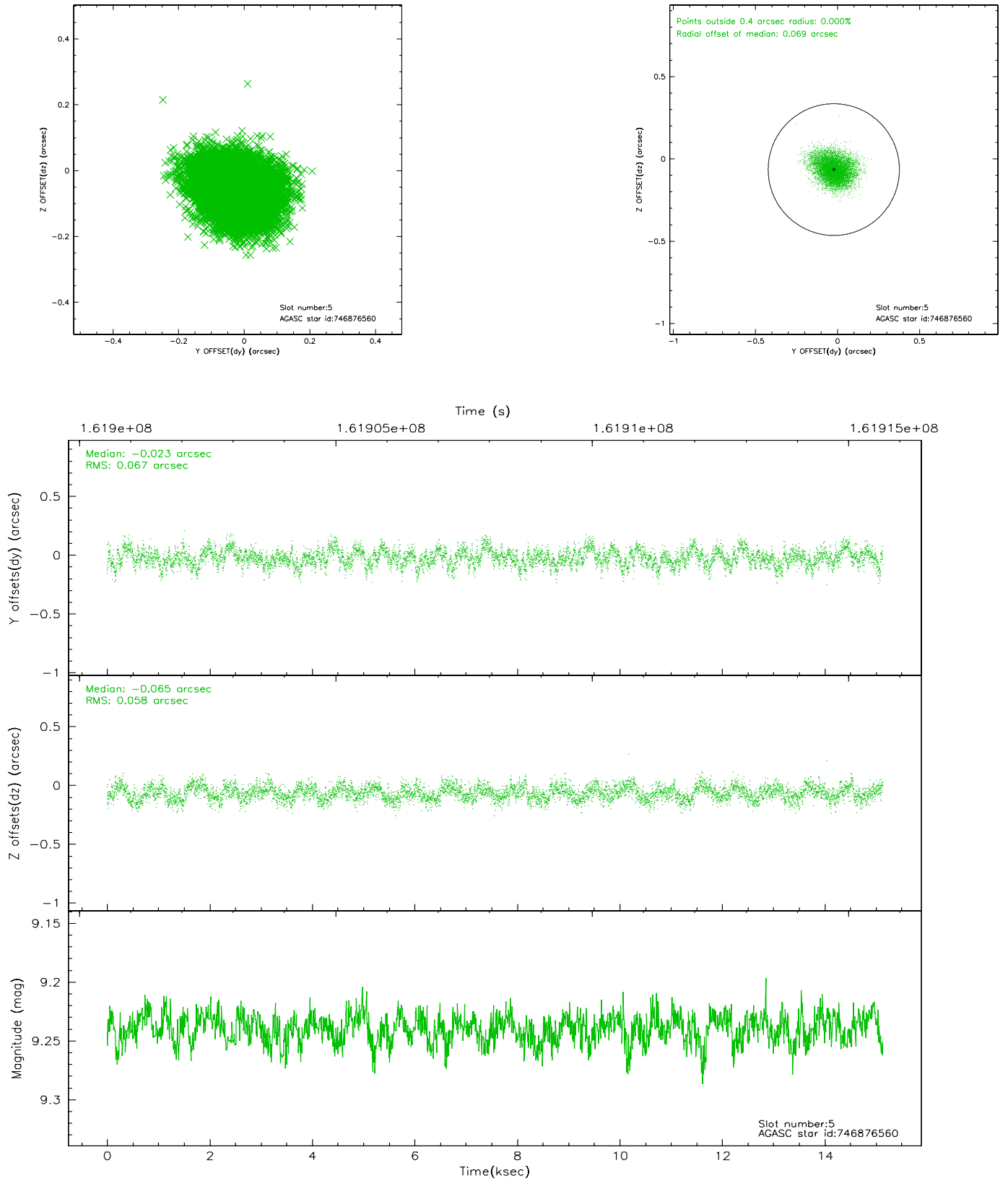
2.4.1 Slot 3



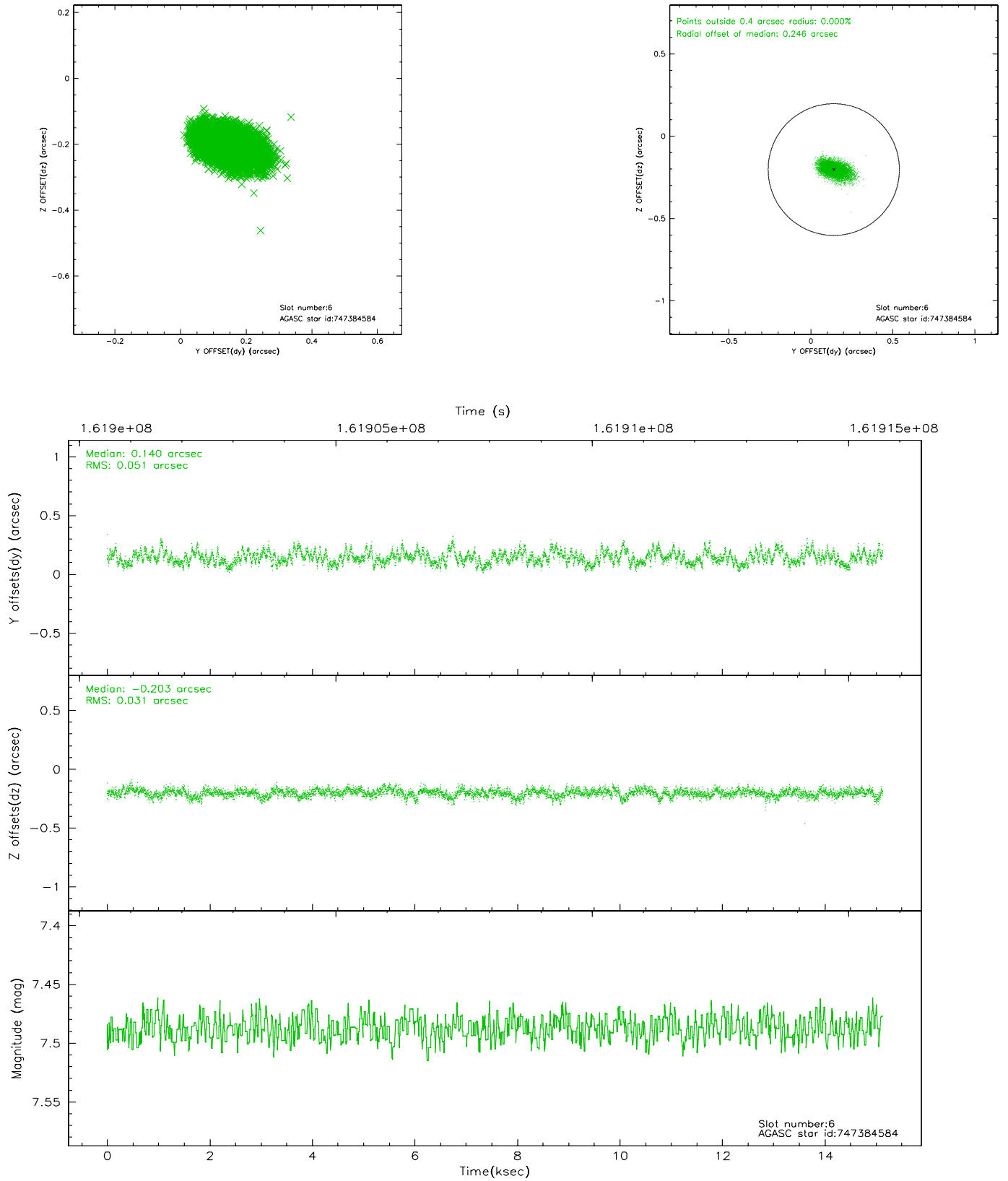
2.4.2 Slot 4



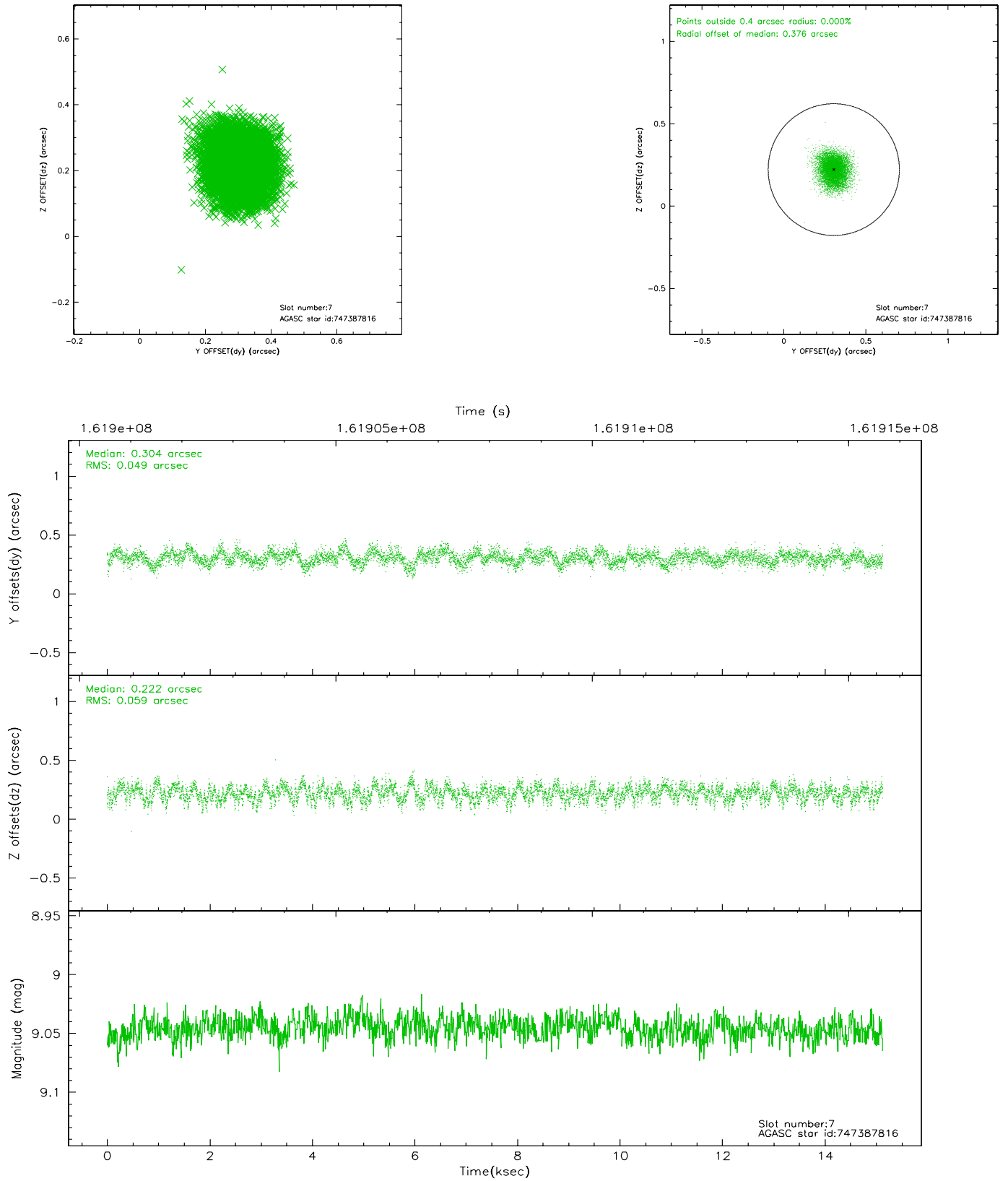
2.4.3 Slot 5



2.4.4 Slot 6

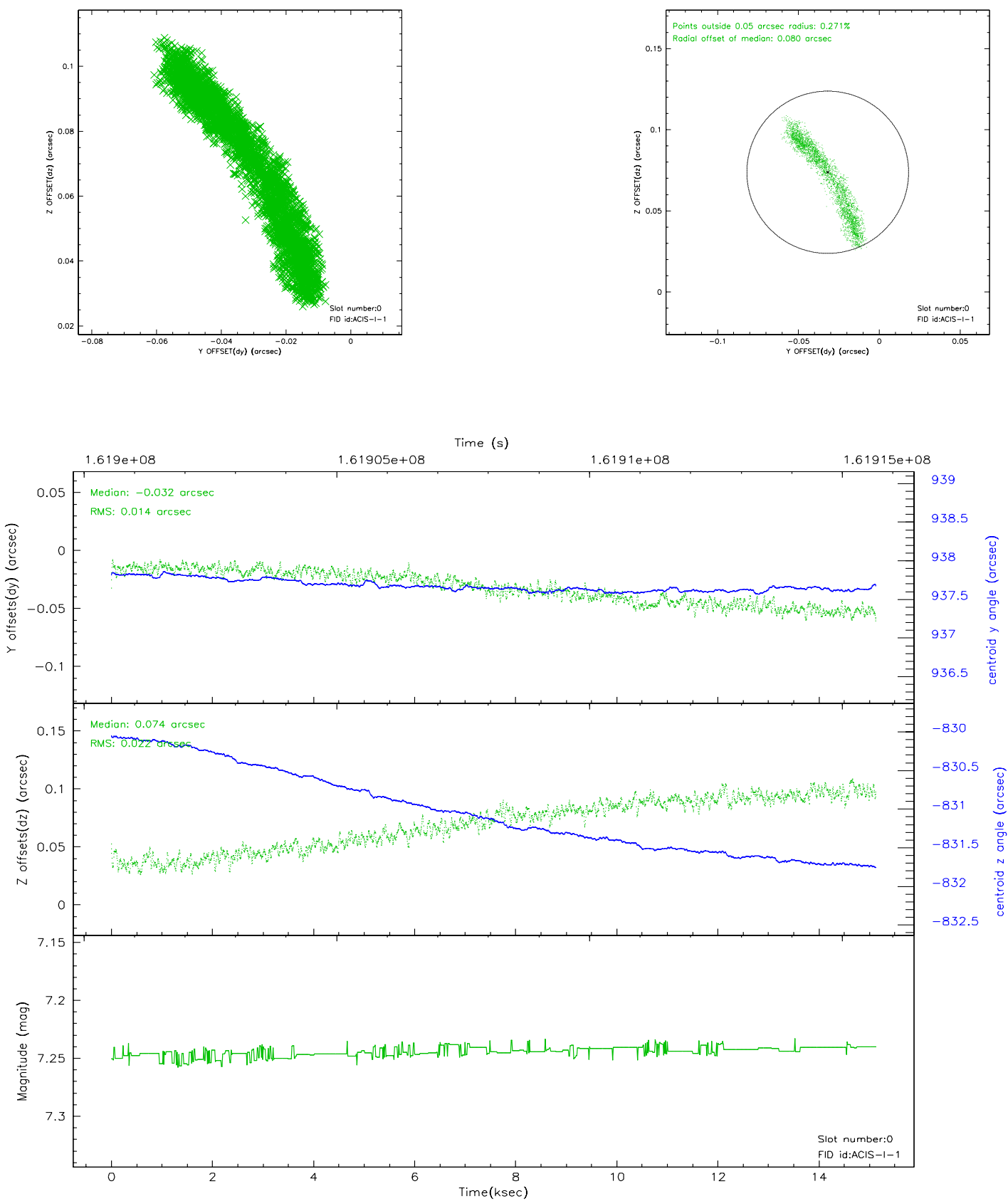


2.4.5 Slot 7

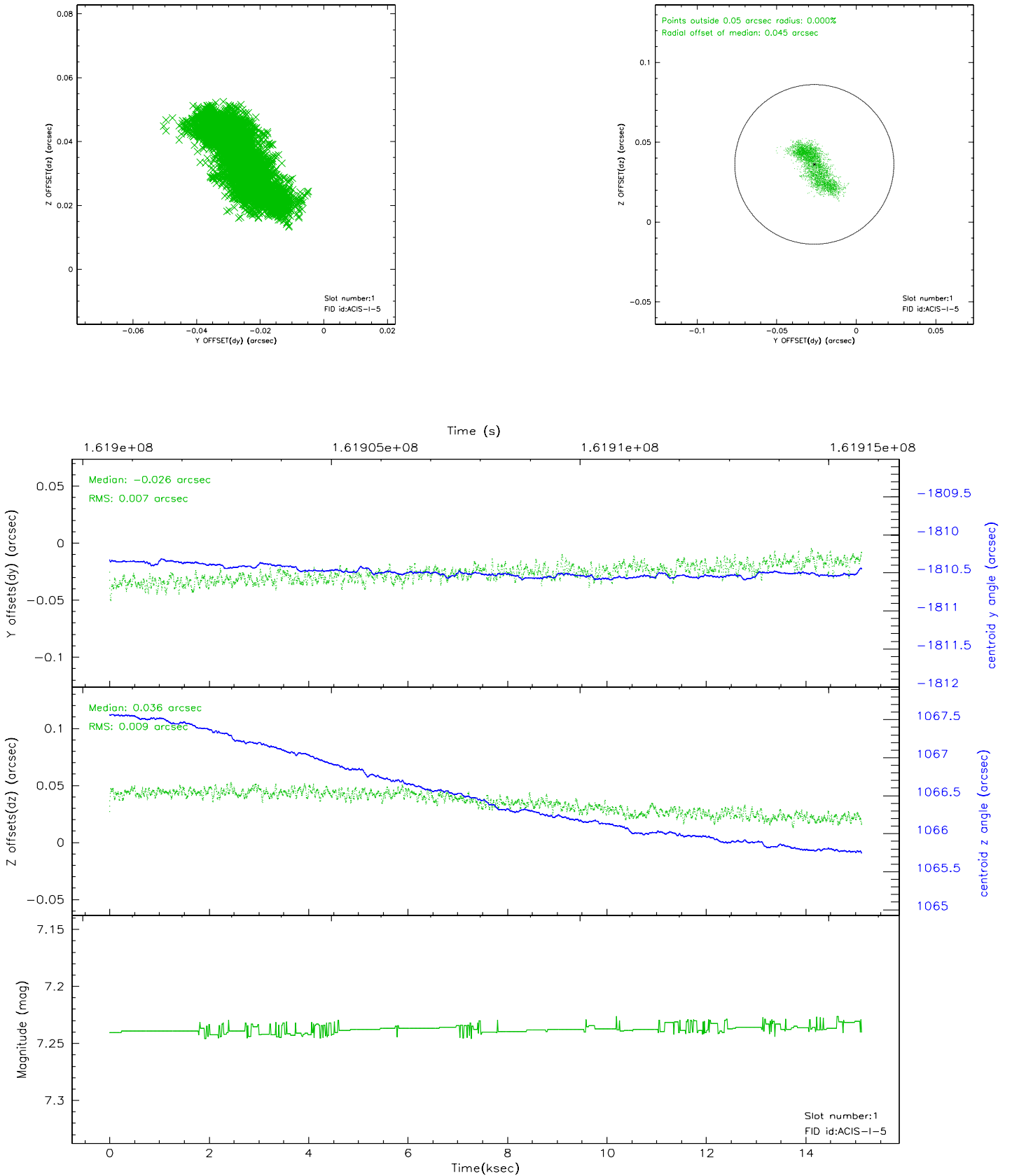


2.5 FID Slots

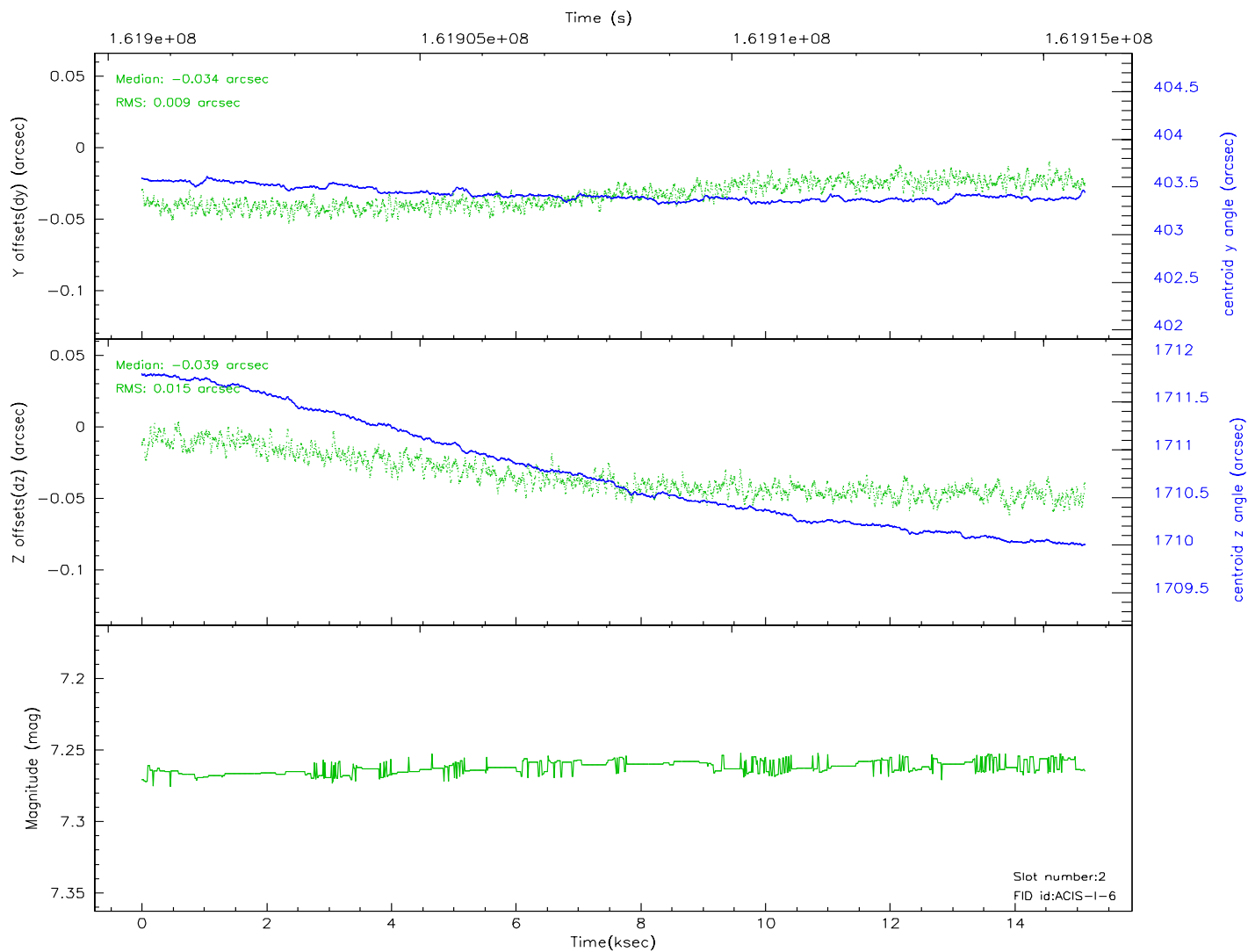
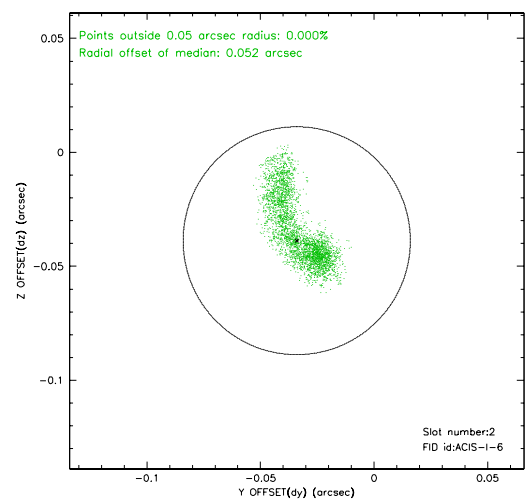
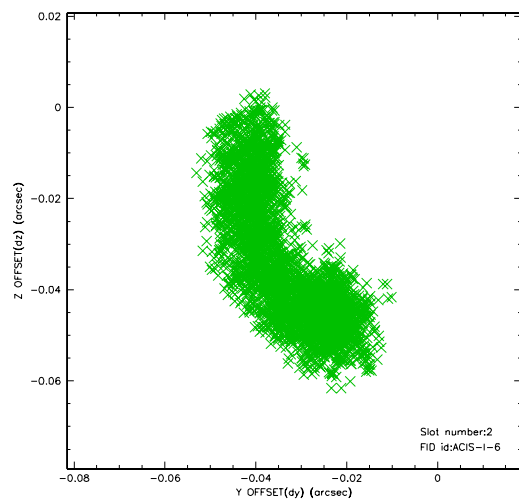
2.5.1 Slot 0



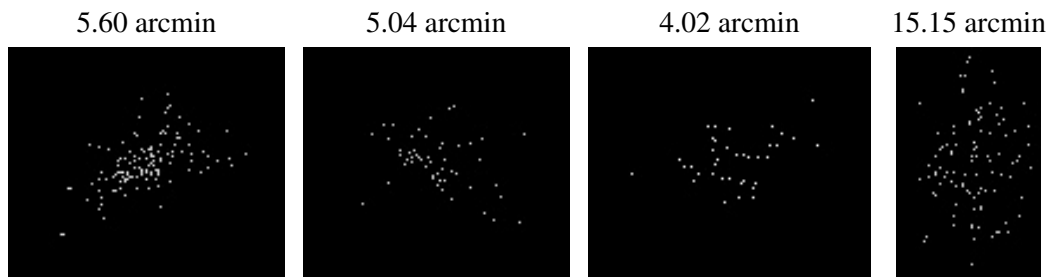
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.07.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	15.126

A.2 Comments

Roll preference met.