

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 3140 - L2 Version 001
Chandra X-Ray Center

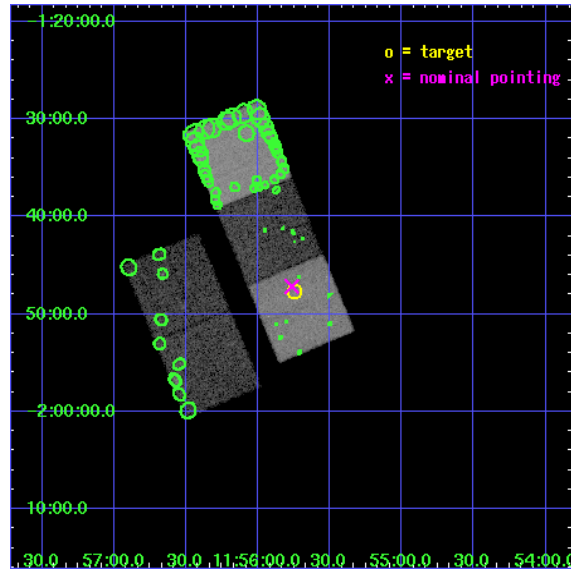
L2 Processing Date : Oct 13 2006

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1 Front

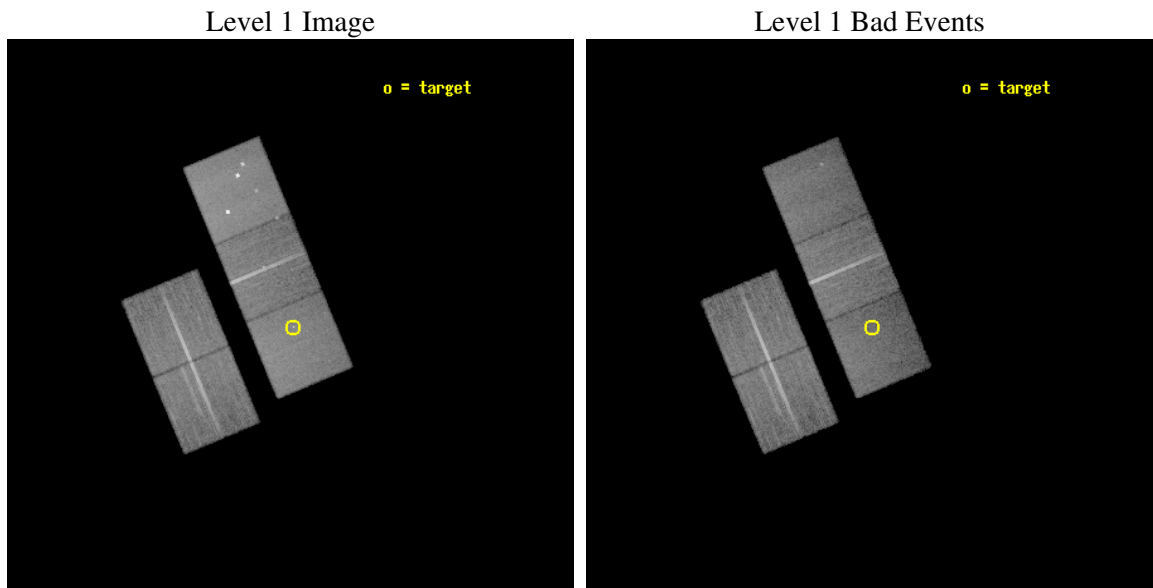
seq_num	700579
obs_id	3140
title	PROBING THE X-RAY EMISSION OF HIGH LUMINOSITY EMISSION LINE GALAXIES: QUASAR-2s AND THE STARBURST-AGN CONNECTION
observer	Prof. Paolo Coppi
object	QUEST 1155-0147
dtcycle	0
cycle	P
ra_targ	178.935833
dec_targ	-1.794389
ra_nom	178.94106656843
dec_nom	-1.7862648317741
roll_nom	67.422277106979
revision	2
ontime	30125.799942076
livetime	29732.184187542
ontime2	30125.799942076
ontime3	30125.799942076
ontime5	30125.799942076
ontime6	30125.799942076
ontime7	30125.799942076
l2events	204003



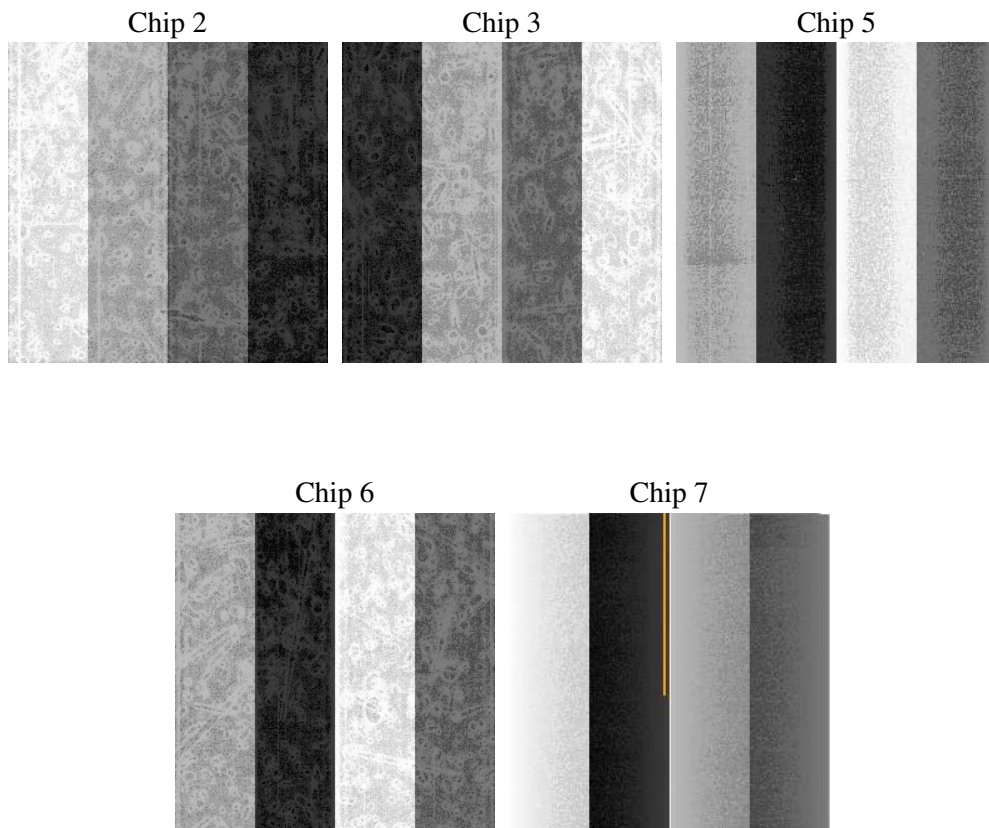
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1
ascdsver	7.6.9
caldbver	3.2.3
date	2006-10-13T18:03:13
revision	2

sched_exp_time	30000.000000
ontime	30131.624796629
ontime2	30131.624796629
ontime3	30131.624796629
ontime5	30131.624796629
ontime6	30131.624776721
ontime7	30131.624796629
l1events	877611

2.1.4 Events

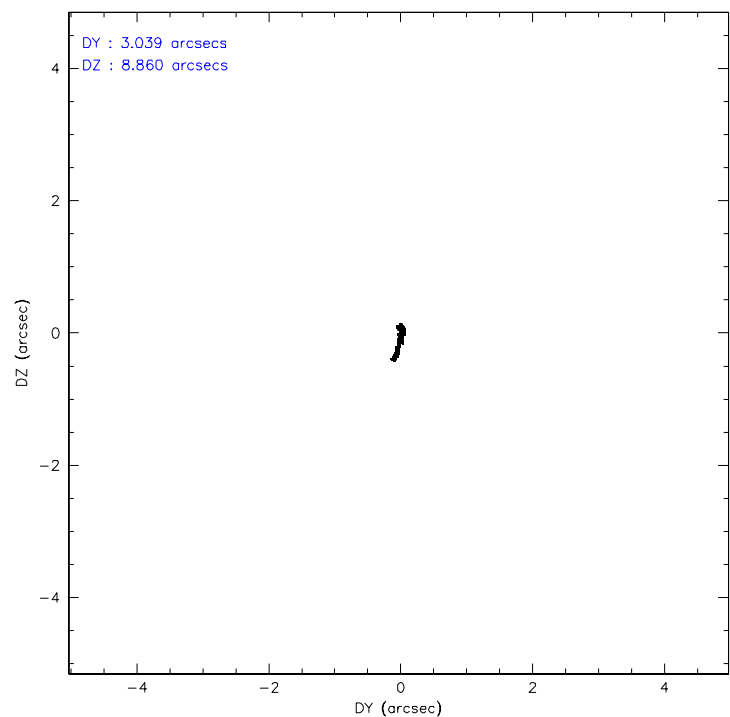
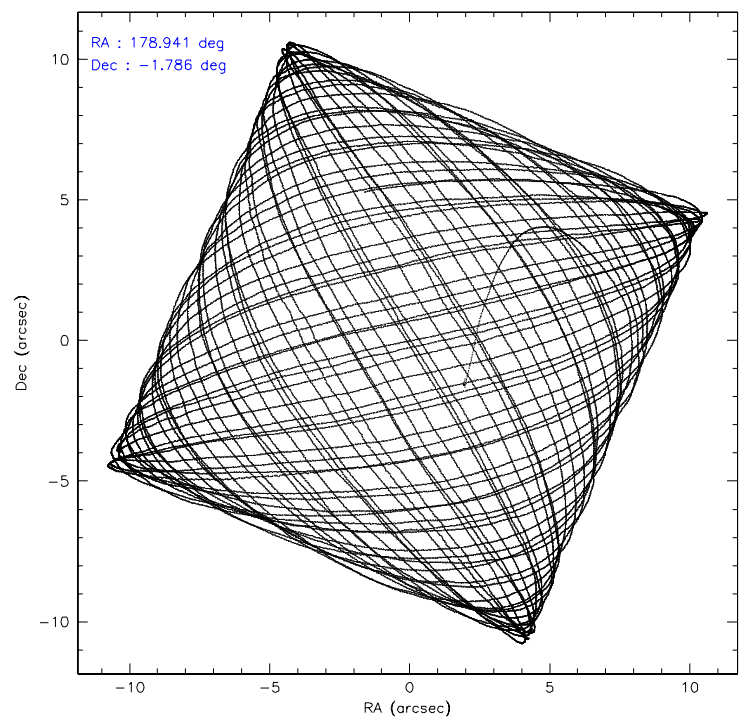
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
level 1 events	161770	158764	220493	161388	175196
rejected events	146961	144226	111559	144688	100888
rejected %	90%	90%	50%	89%	57%

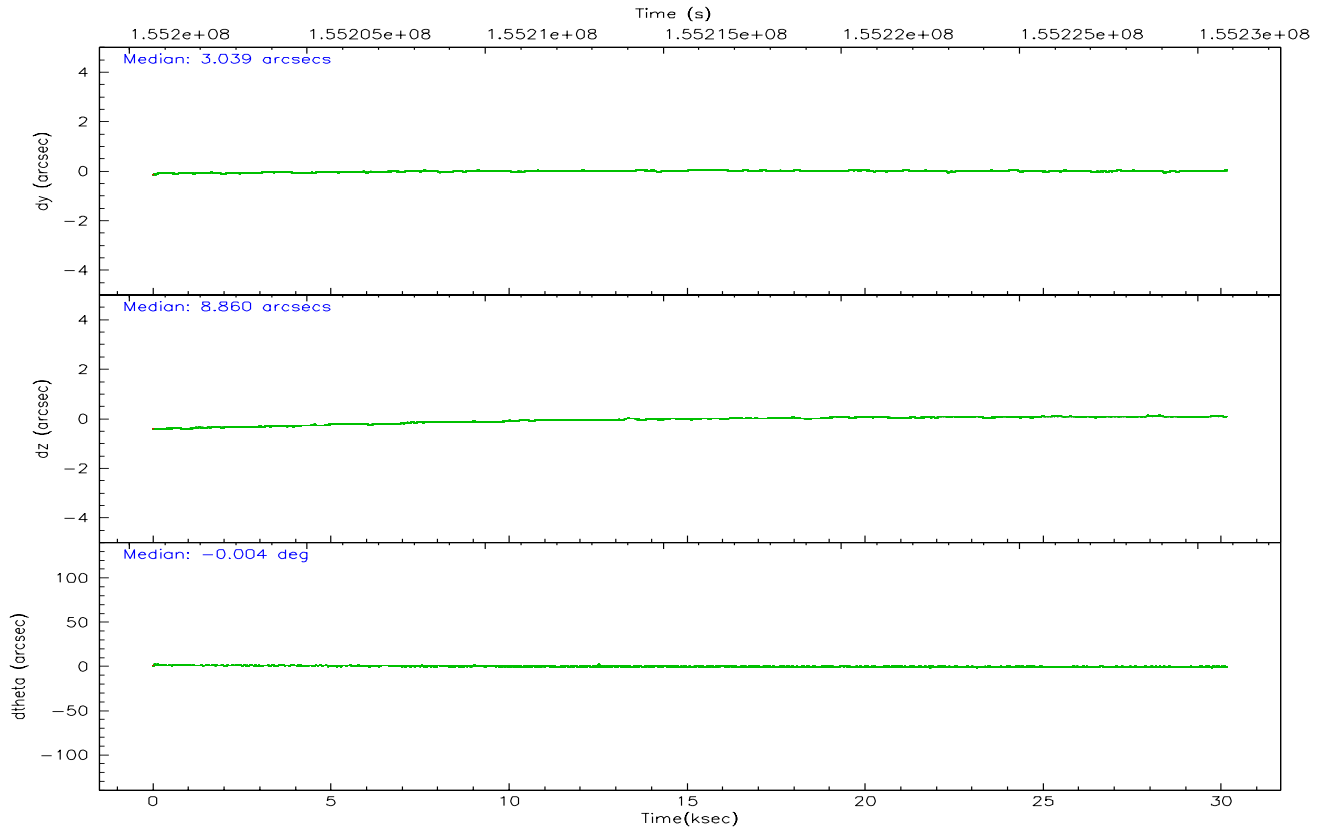
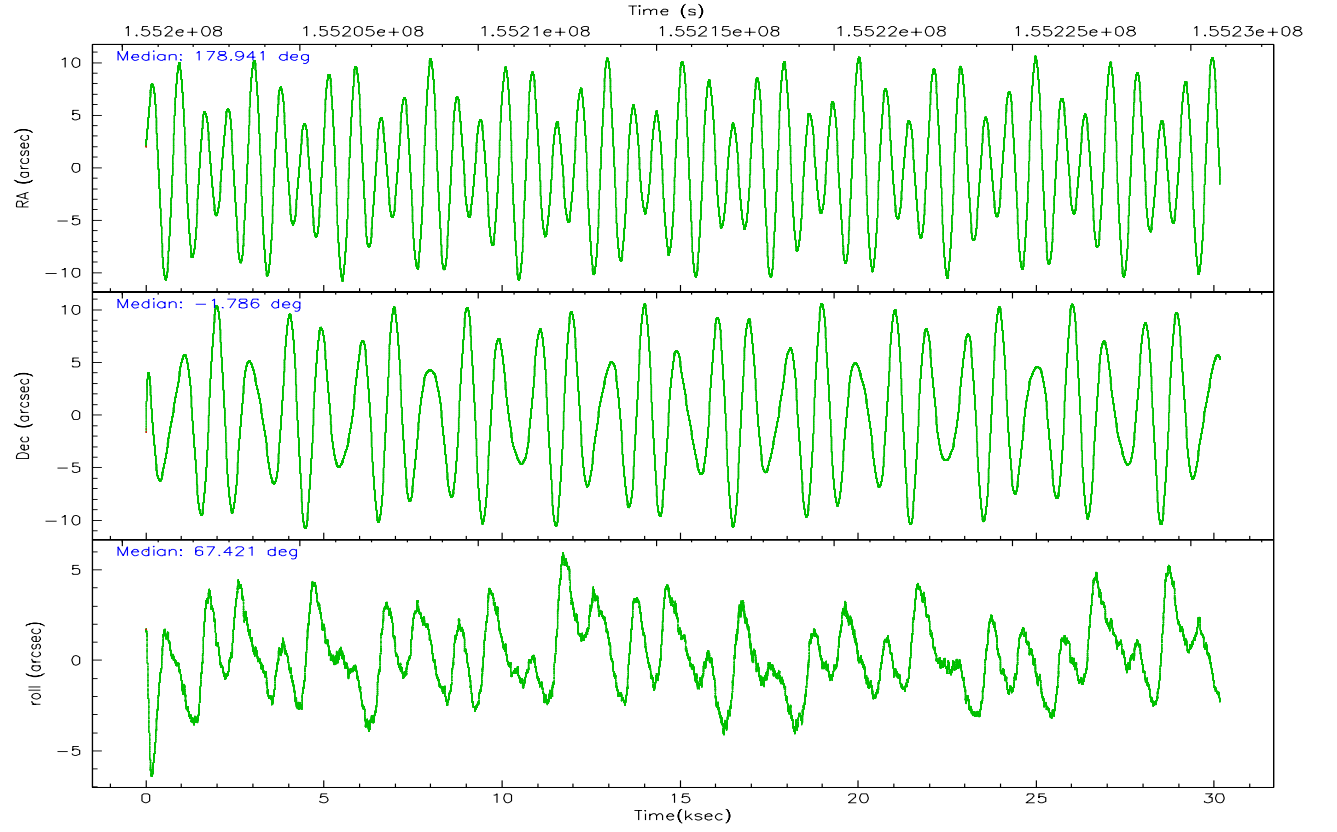
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7
grade 0 events	5171	5093	15980	5980	4812
	3%	3%	7%	3%	2%
grade 1 events	69	68	96	69	99
	0%	0%	0%	0%	0%
grade 2 events	3386	3120	31189	3429	18089
	2%	1%	14%	2%	10%
grade 3 events	1725	1776	2495	1907	4575
	1%	1%	1%	1%	2%
grade 4 events	1762	1708	2609	1934	4408
	1%	1%	1%	1%	2%
grade 5 events	5060	6034	10851	6043	13623
	3%	3%	4%	3%	7%
grade 6 events	2765	2844	56689	3451	42438
	1%	1%	25%	2%	24%
grade 7 events	141832	138121	100584	138575	87152
	87%	86%	45%	85%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-23567	ACIS-23567	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	178.944947	178.9410665684266	Subarray requested	NONE	NONE
Pointing Dec	-1.813200	-1.786264831774086	Alternating exposures requested	N	N
Pointing Roll	67.265769	67.42227710697853	Primary exposure time	0.000000	3.1
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	155200839.184000	155199867.68515			
Observation start date	2002-12-02T07:19:35	2002-12-02T07:04:27			
Observation end time	155230839.184000	155231391.56147			
Observation end date	2002-12-02T15:39:35	2002-12-02T15:49:51			
Read mode	TIMED	TIMED			

2.3 Aspect



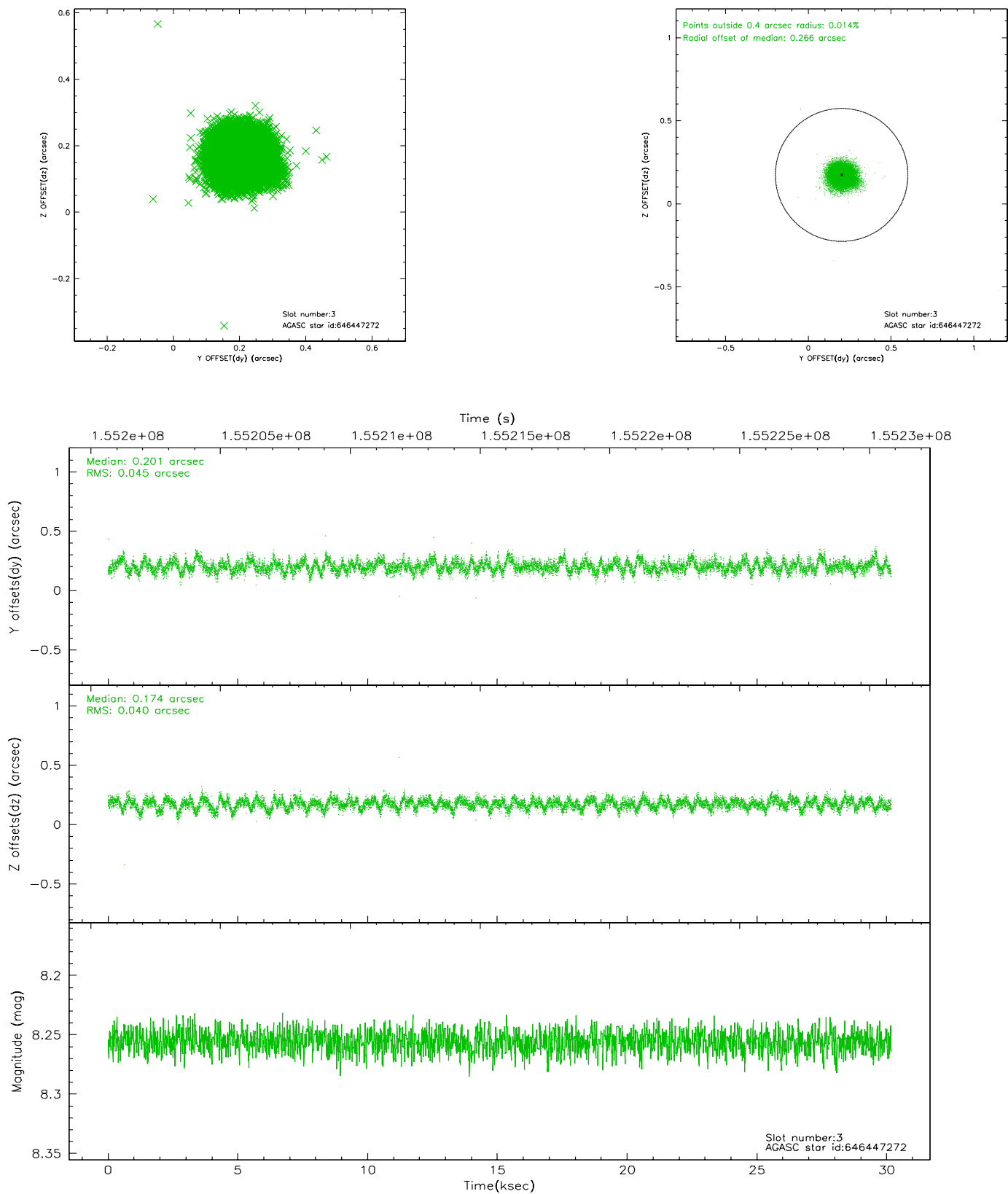


Slot Statistics

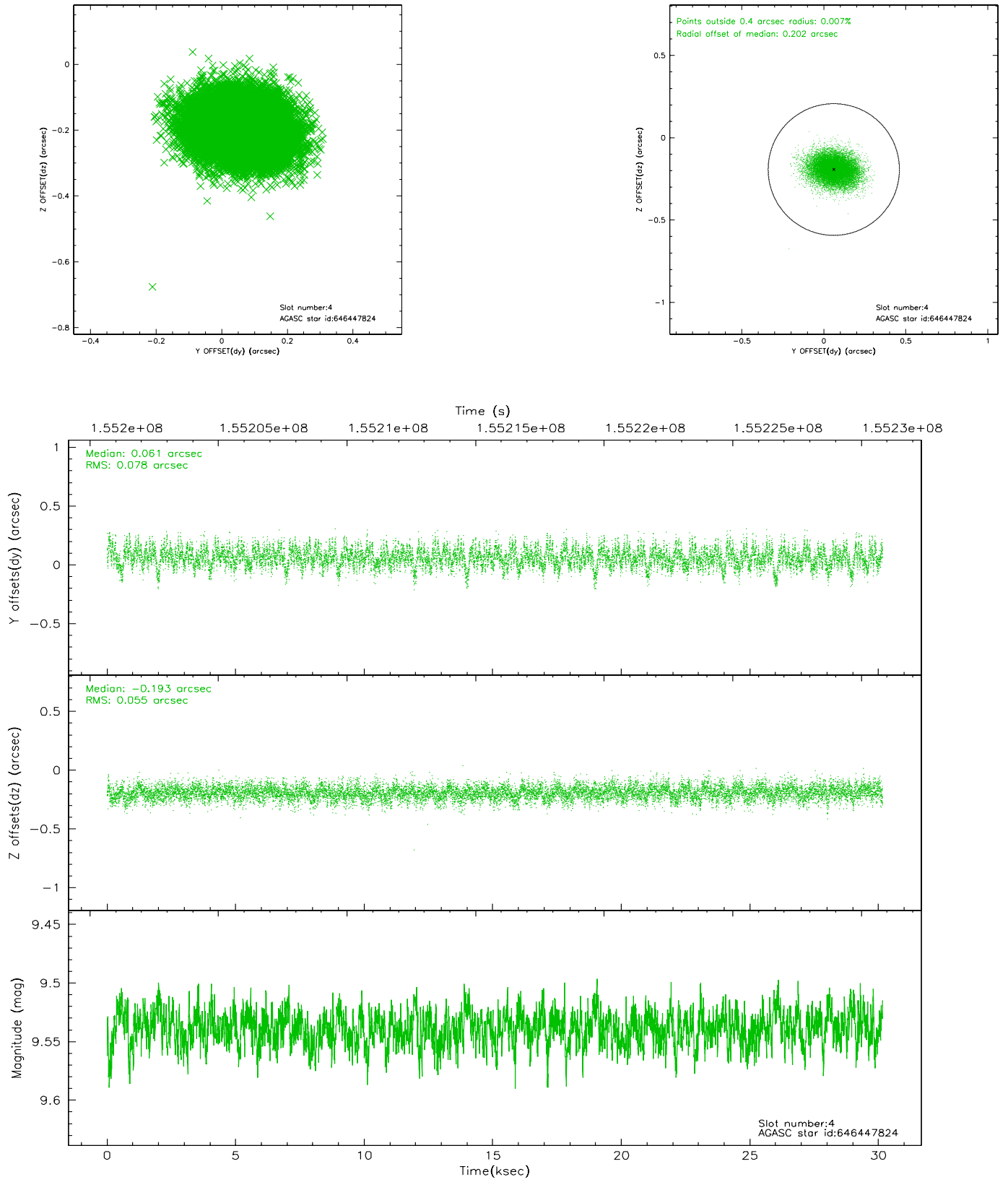
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	7357	-0.011	0.012	0.008	0.012	0.000000	0.000000	-755.69	-1730.00
1	FID	ACIS-S-4	7.20	7356	-0.034	0.002	0.006	0.010	0.000000	0.000000	2157.54	178.39
2	FID	ACIS-S-5	7.24	7357	0.014	-0.005	0.007	0.011	0.000000	0.000000	-1808.41	172.14
3	GUIDE	646447272	8.26	14712	0.201	0.174	0.064	0.104	178.727936	-2.375175	-2166.95	-62.40
4	GUIDE	646447824	9.54	14700	0.061	-0.193	0.101	0.166	178.405504	-2.010198	-1404.36	1515.03
5	GUIDE	646448760	8.42	14709	-0.239	-0.070	0.066	0.108	178.661013	-1.698317	-13.31	1101.70
6	GUIDE	646451504	8.68	14711	-0.134	-0.036	0.072	0.113	179.005238	-1.442212	1315.96	315.51
7	GUIDE	646846120	9.89	14697	0.108	0.128	0.150	0.235	179.216286	-2.576707	-2157.31	-1962.79

2.4 Star Slots

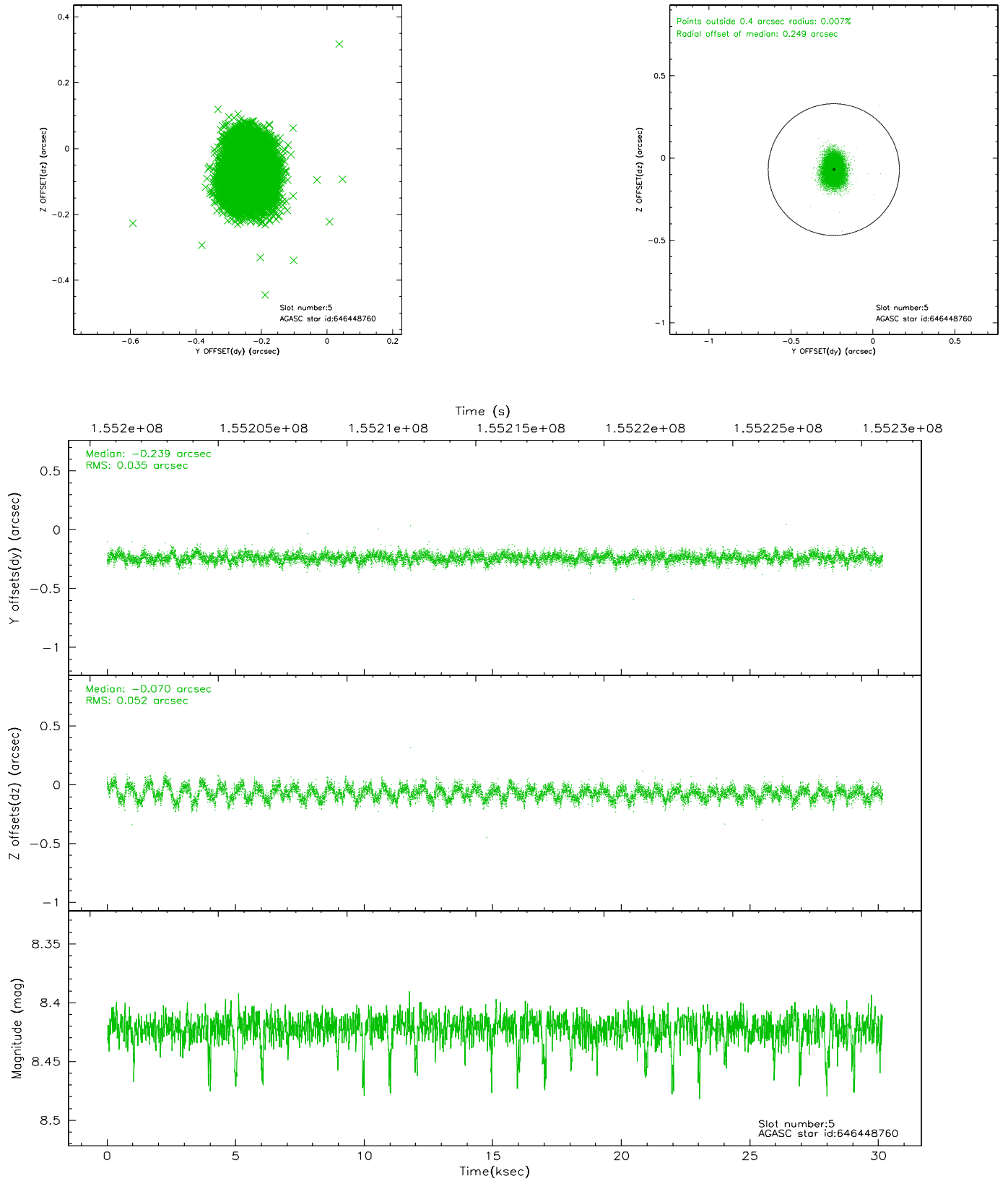
2.4.1 Slot 3



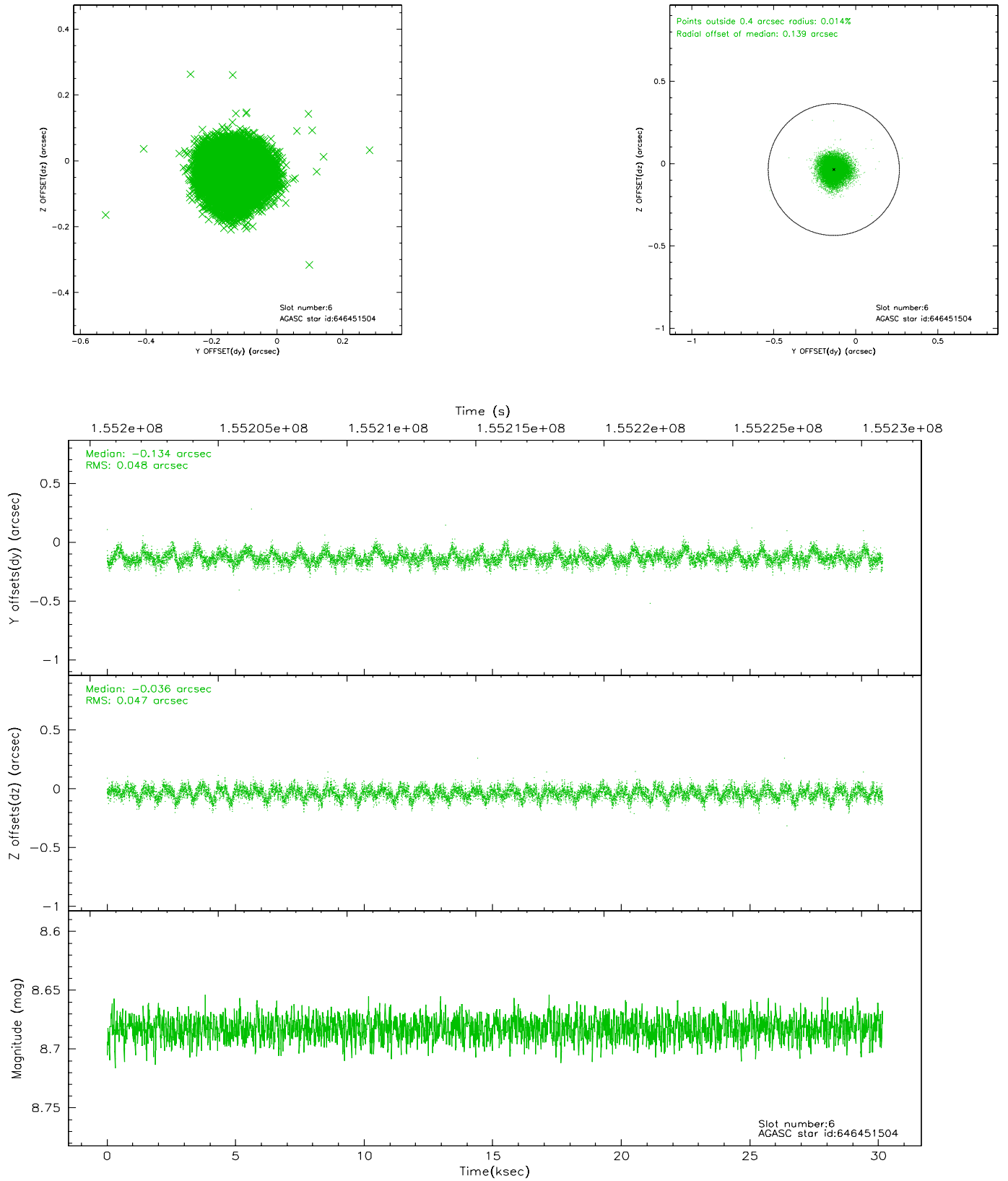
2.4.2 Slot 4



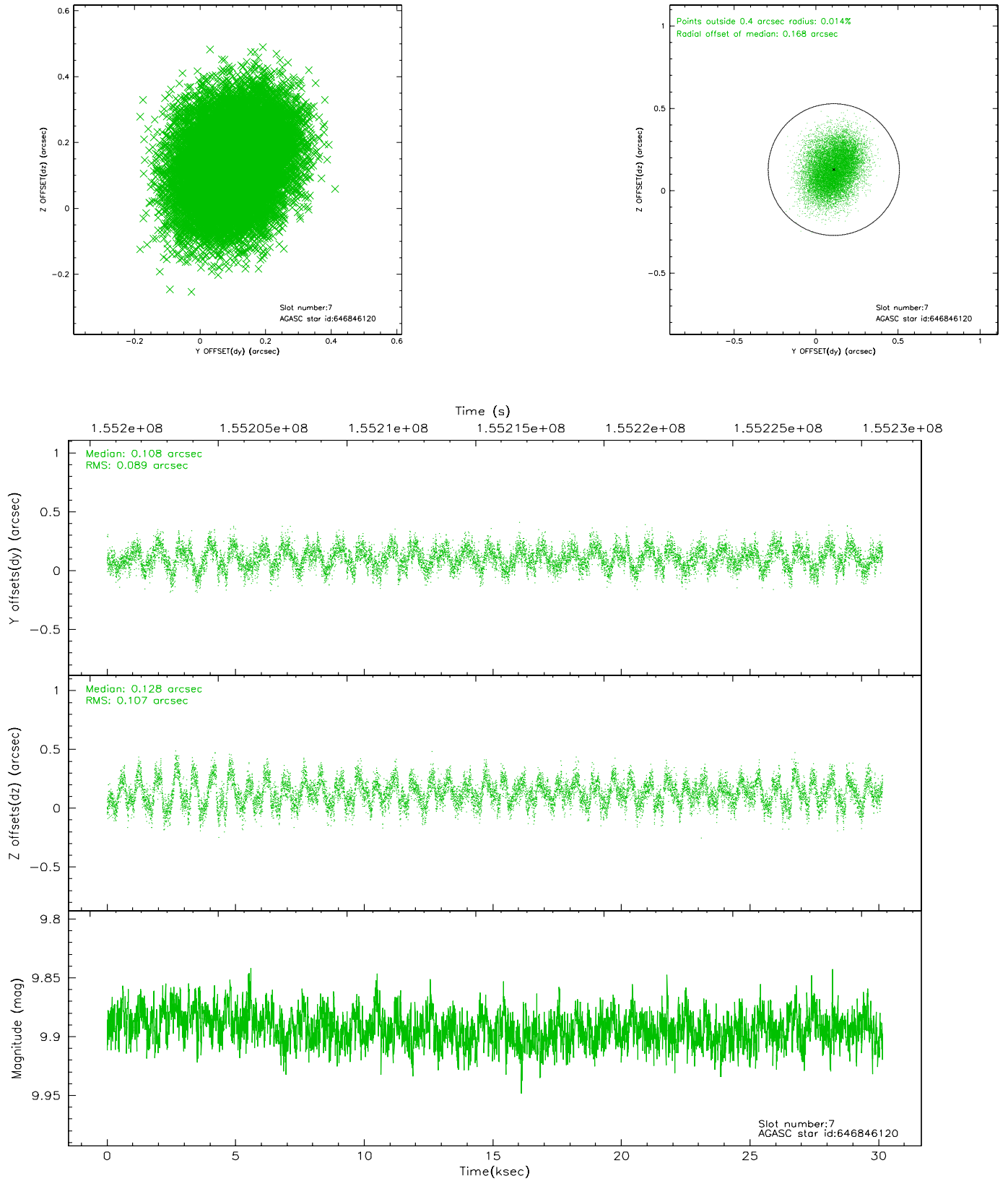
2.4.3 Slot 5



2.4.4 Slot 6

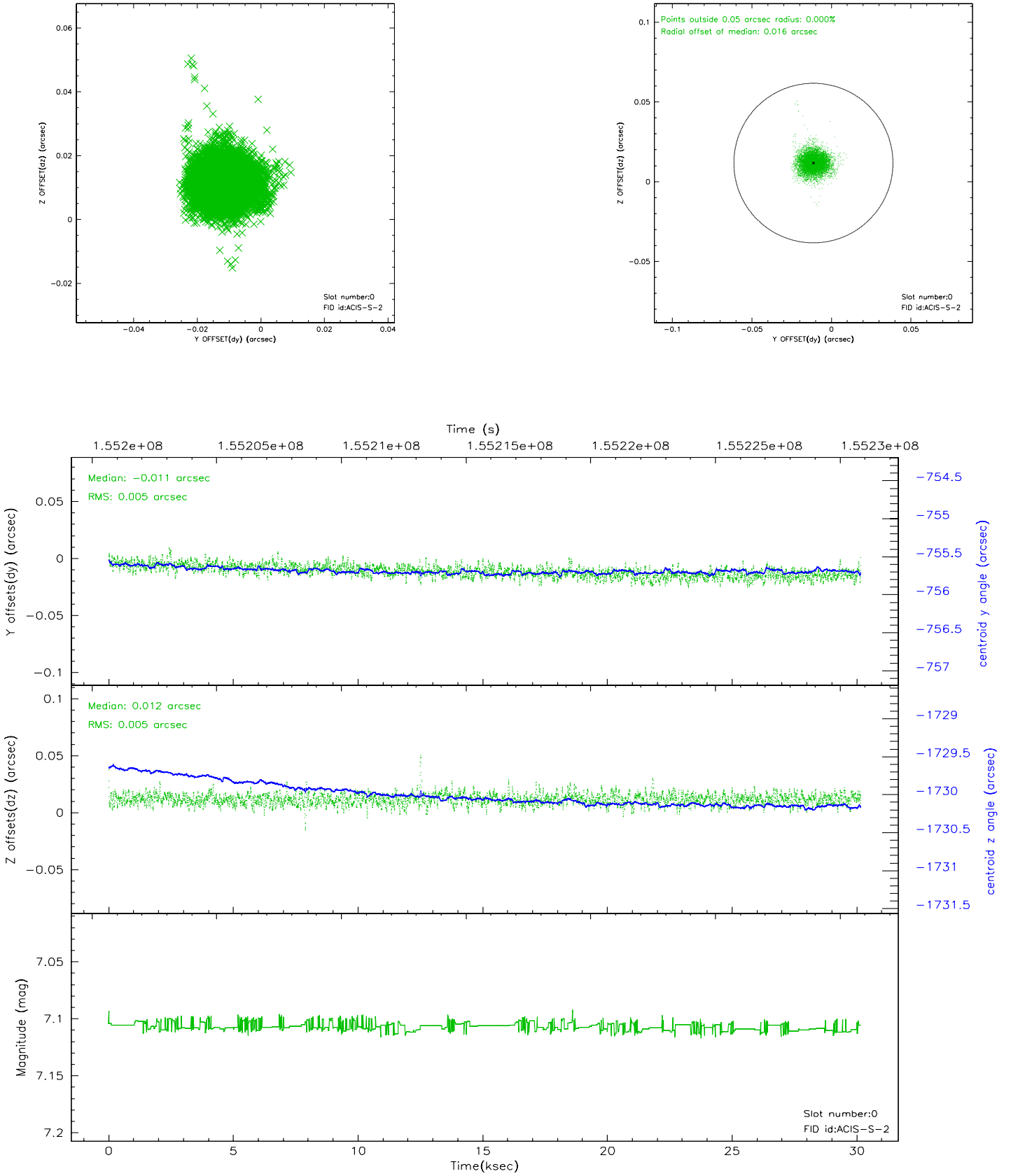


2.4.5 Slot 7

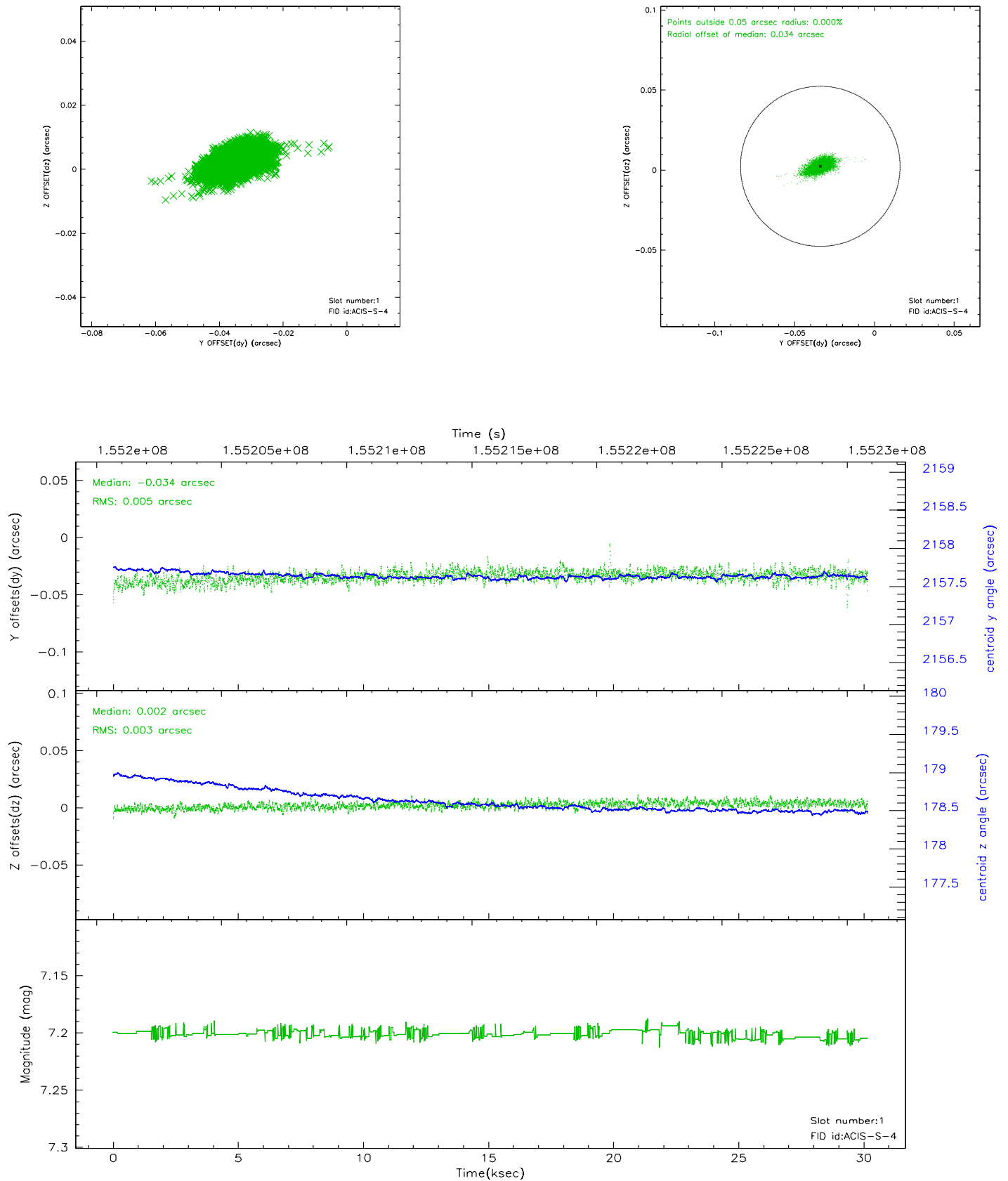


2.5 FID Slots

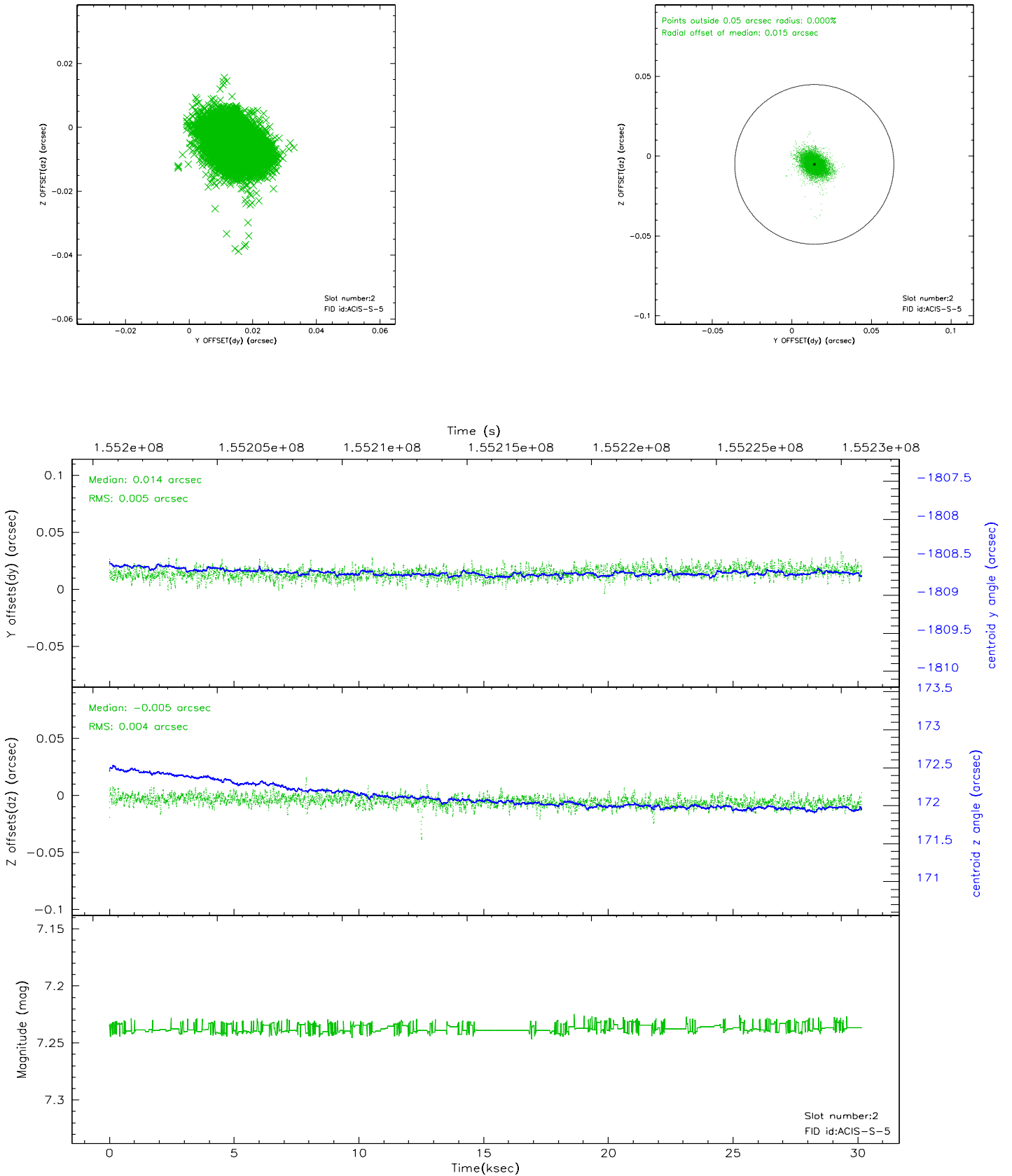
2.5.1 Slot 0



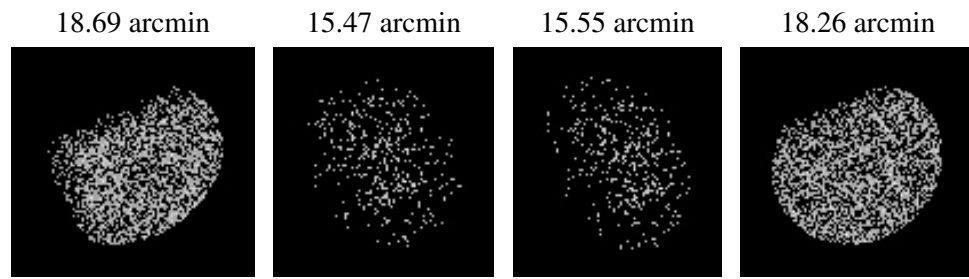
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.10.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.128

A.2 Comments