

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3885 - L2 Version 3
Chandra X-Ray Center

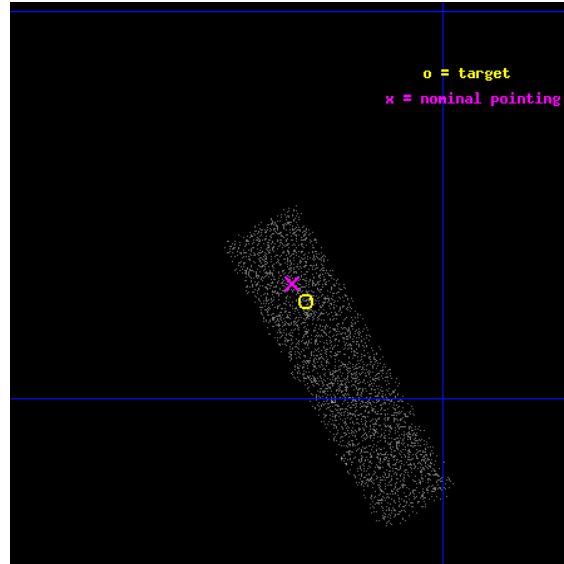
L2 Processing Date : Oct 24 2012

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1 Front

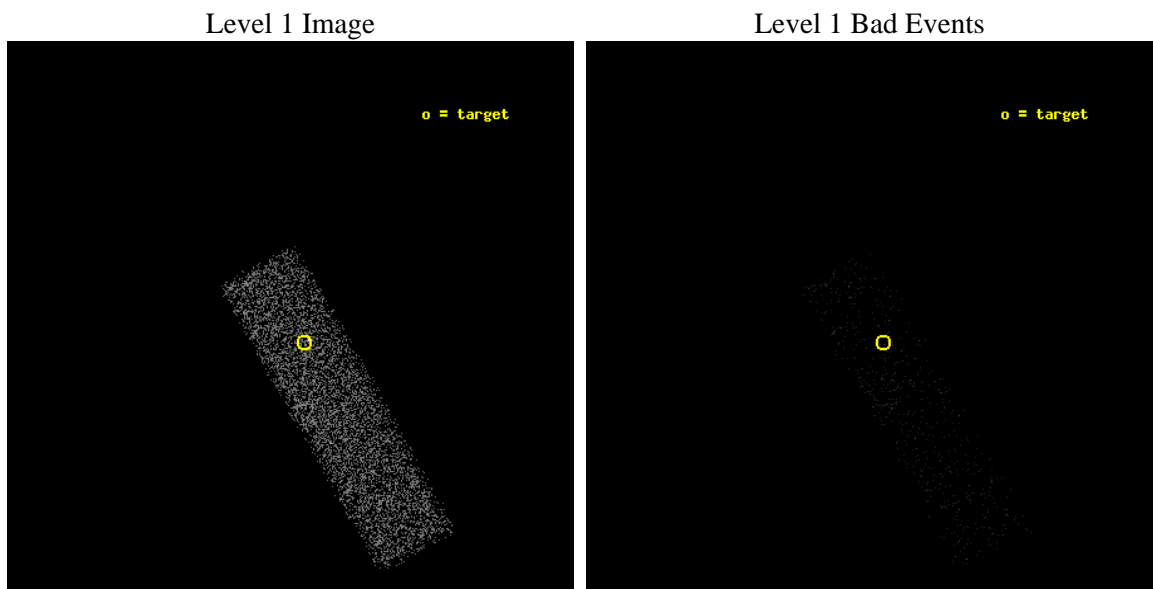
seq_num	500364	Sequence number
obs_id	3885	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	RX J150818.8-401730	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	227.078333	Observer's specified target RA [deg]
dec_targ	-40.291667	Observer's specified target Dec [deg]
ra_nom	227.08644067057	Nominal RA [deg]
dec_nom	-40.28407096098	Nominal Dec [deg]
roll_nom	60.243118217617	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3688.8000549674	Sum of GTIs [s]
livetime	3508.7986825525	Livetime [s]
ontime7	3688.8000549674	Sum of GTIs [s]
l2events	3983	Number of level 2 events



2 OBI

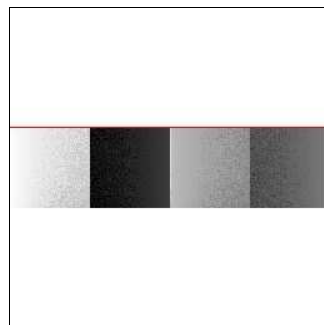
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	3029.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3688.8000549674	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	3688.8000549674	Sum of GTIs [s]
date	2012-10-24T19:01:27	Date and time of file creation	l1events	8726	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

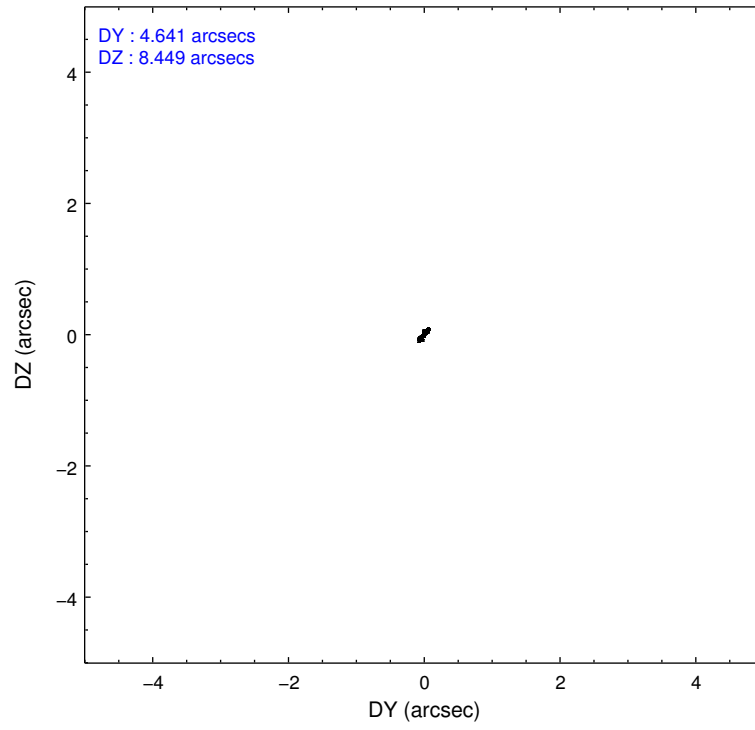
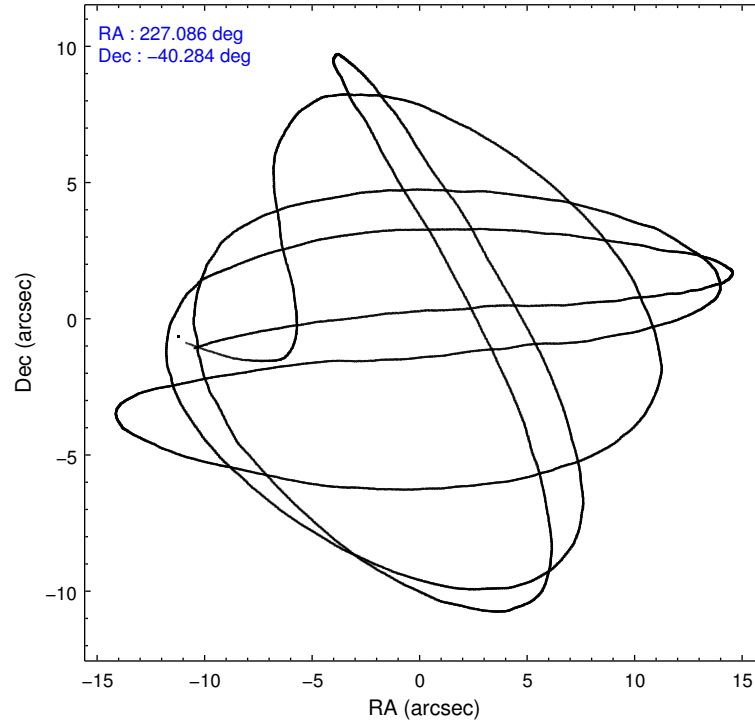
	ccd 7
level 1 events	8726
rejected events	4630
rejected %	53%

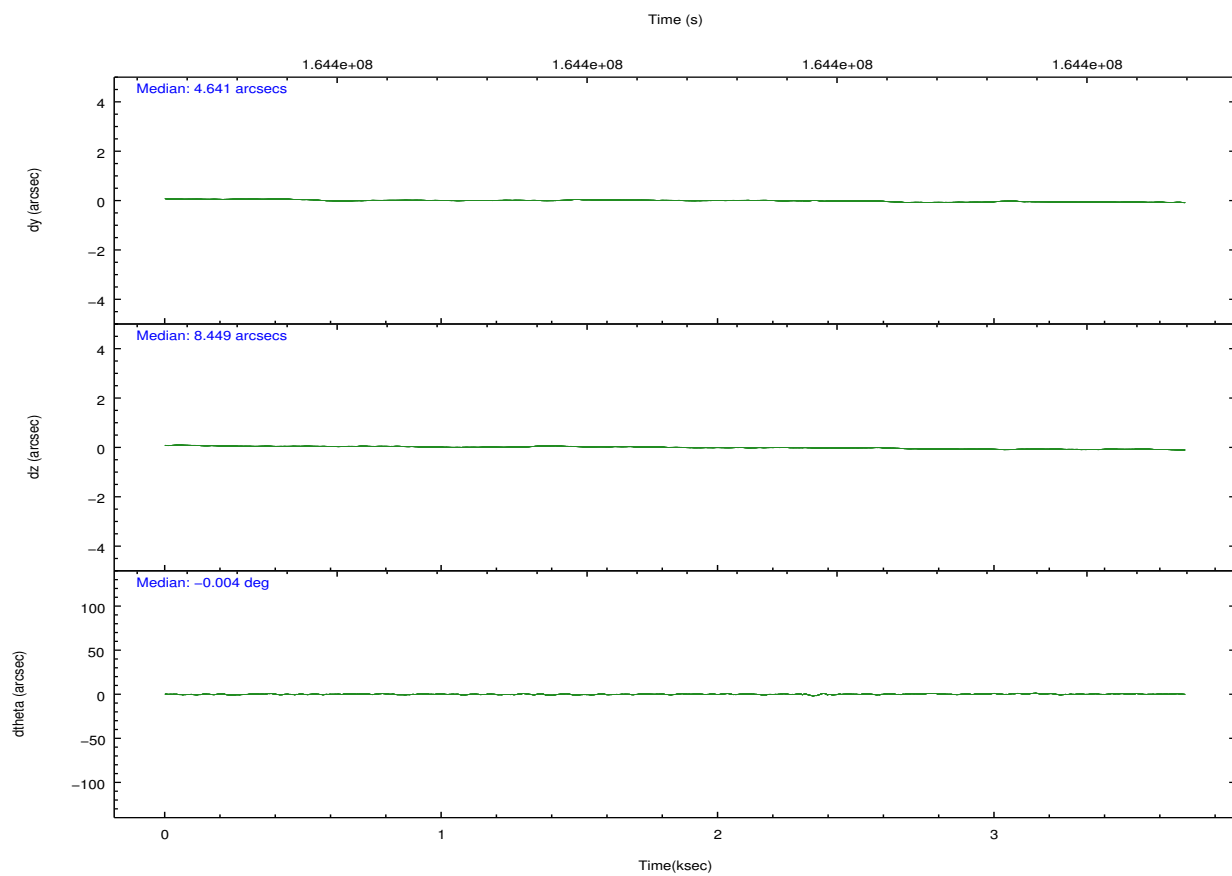
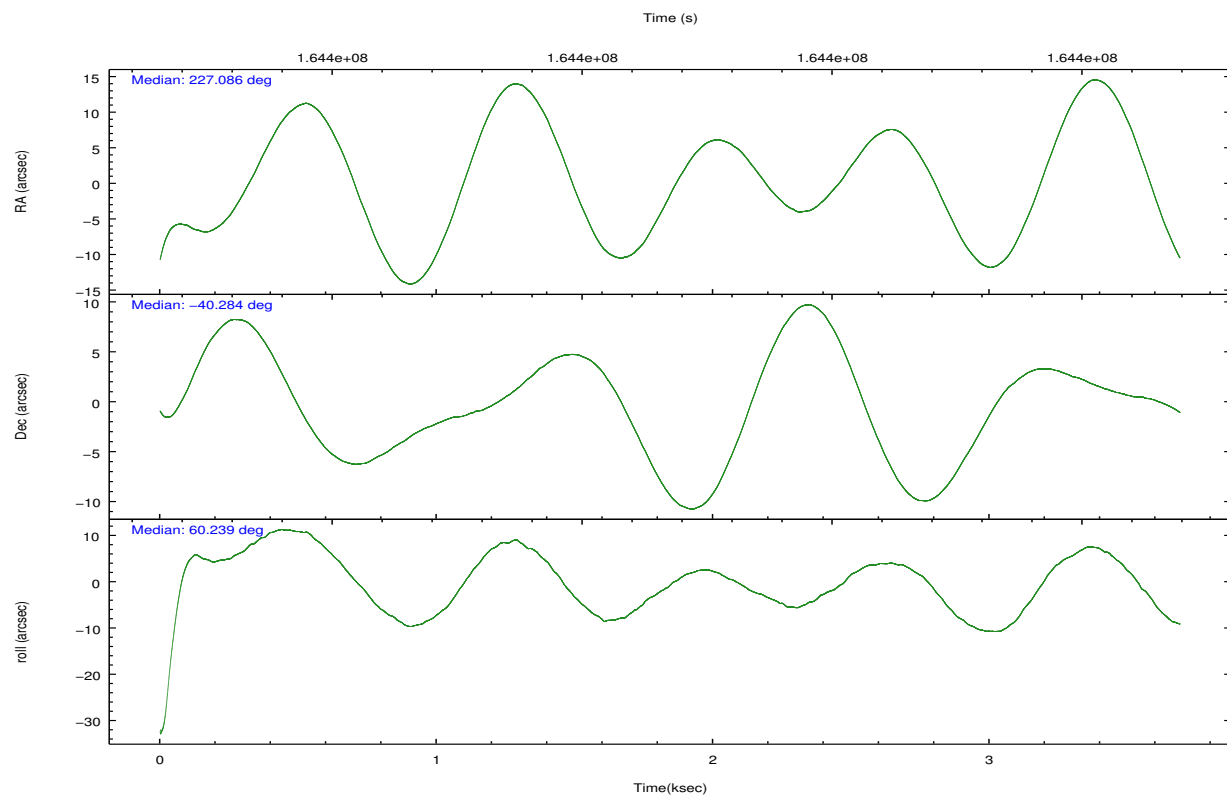
	ccd 7
grade 0 events	546
	6%
grade 1 events	5
	0%
grade 2 events	838
	9%
grade 3 events	478
	5%
grade 4 events	423
	4%
grade 5 events	779
	8%
grade 6 events	1886
	21%
grade 7 events	3771
	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	227.087094	227.0864406705722	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-40.311473	-40.28407096098005	Subarray start row	384	385
[deg] Pointing Roll	60.087043	60.24311821761712	Subarray row count	256	256
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.8
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	164396166.184000	164394962.15798			
Observation start date	2003-03-18T17:35:02	2003-03-18T17:16:02			
[s] Observation end time (MET)	164399195.184000	164399350.69567			
Observation end date	2003-03-18T18:25:31	2003-03-18T18:29:10			
Read mode	TIMED	TIMED			

2.3 Aspect



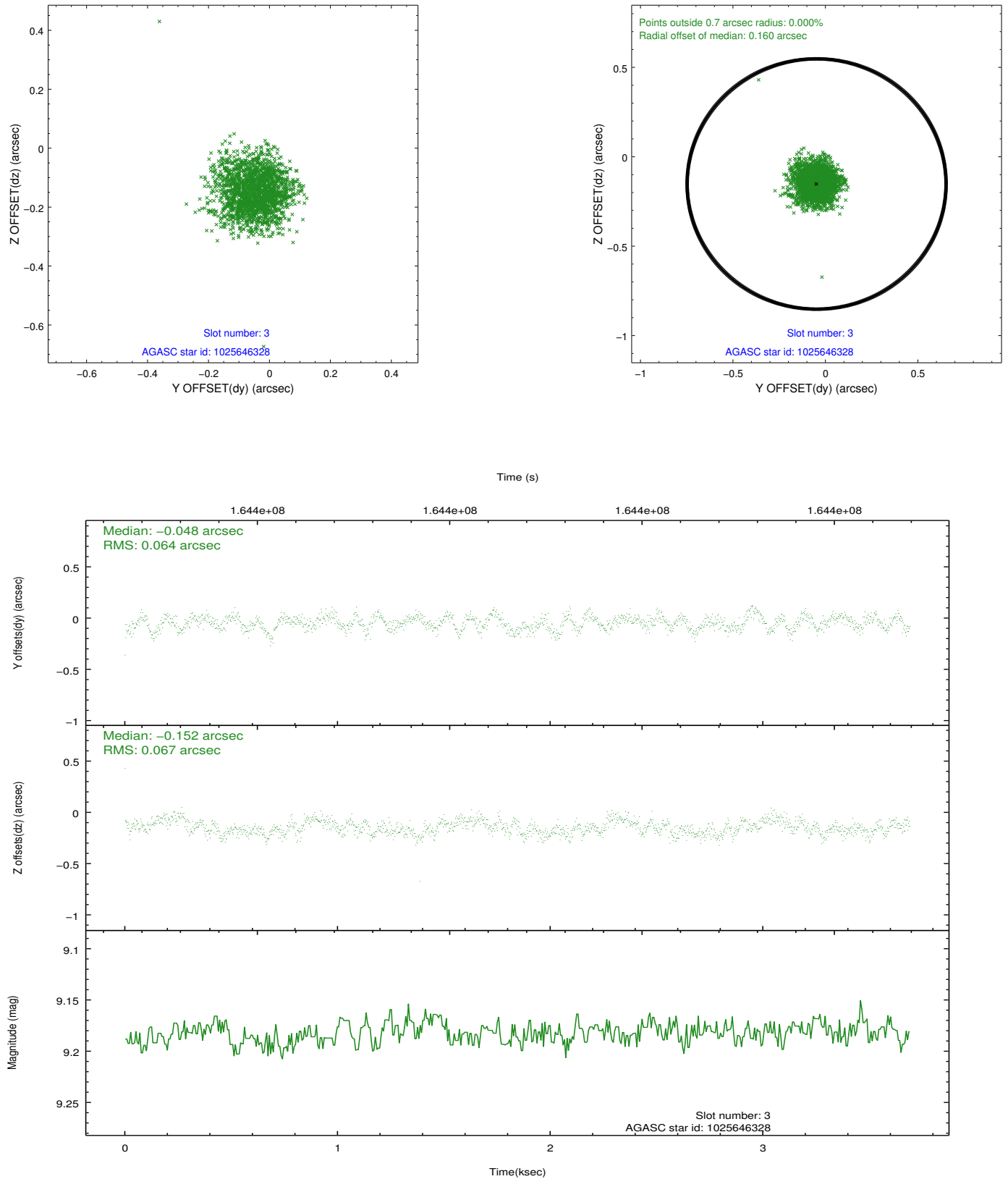


Slot Statistics

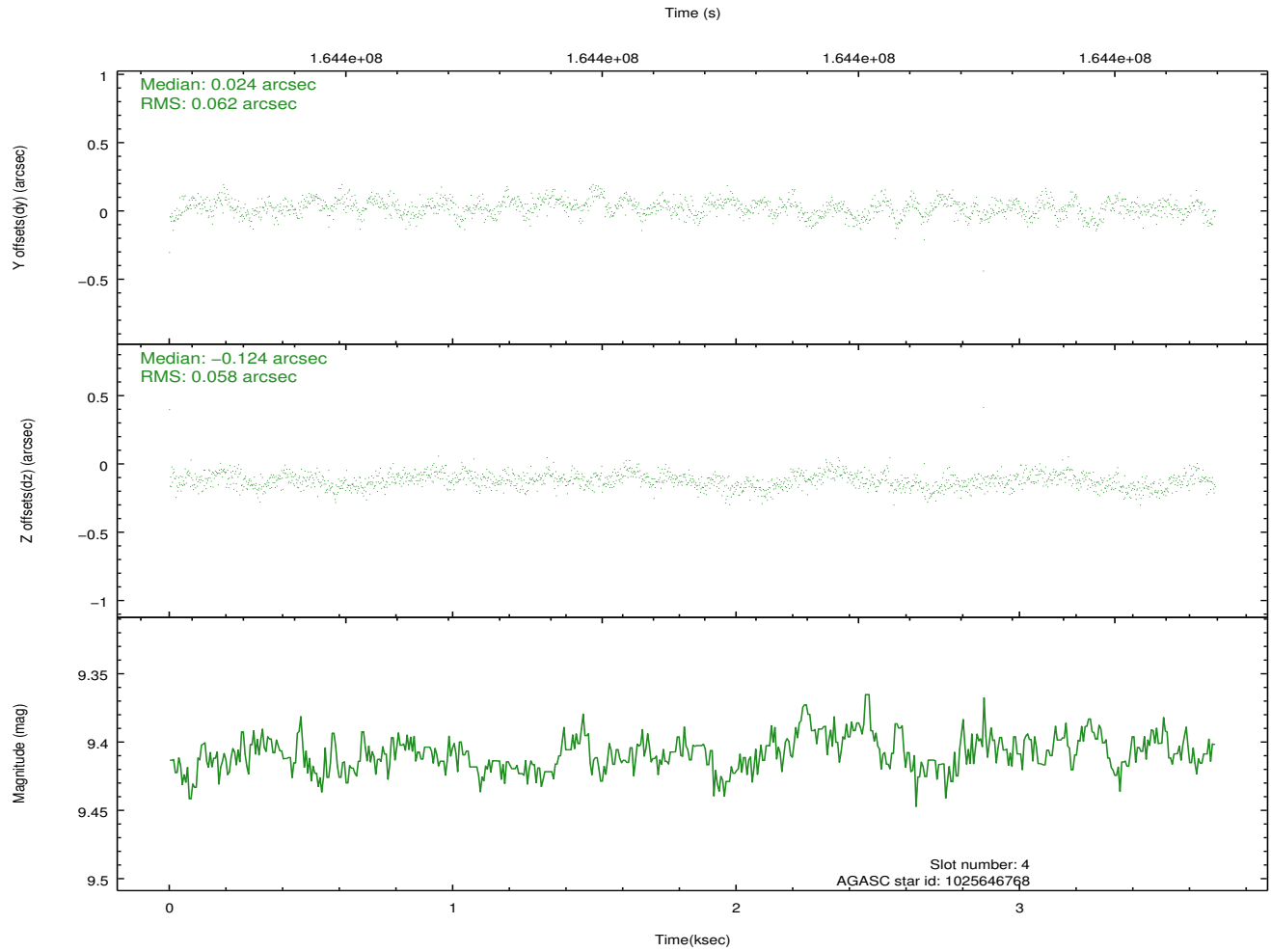
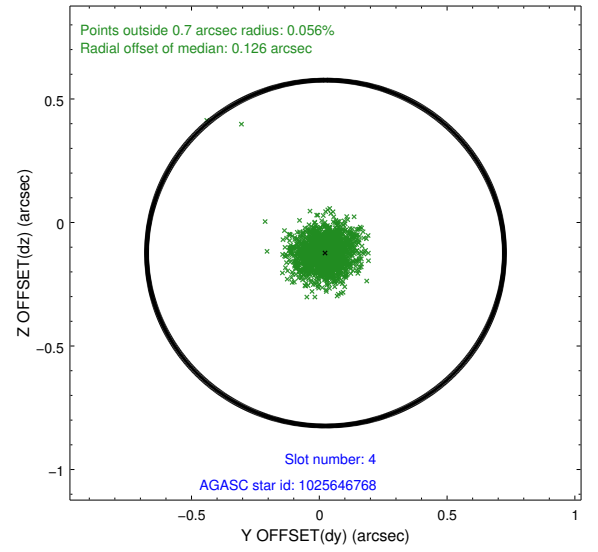
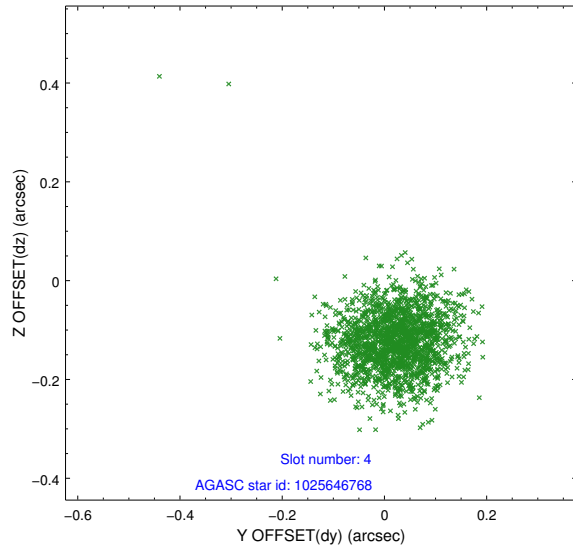
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	900	-0.022	-0.021	0.007	0.011	0.000000	0.000000	-757.35	-1729.66
1	FID	ACIS-S-4	7.21	899	0.040	0.016	0.006	0.011	0.000000	0.000000	2155.23	177.08
2	FID	ACIS-S-5	7.24	901	-0.048	0.014	0.007	0.012	0.000000	0.000000	-1808.02	172.71
3	GUIDE	1025646328	9.18	1798	-0.048	-0.152	0.098	0.154	226.726414	-39.678395	1474.74	2001.44
4	GUIDE	1025646768	9.41	1801	0.024	-0.124	0.088	0.141	226.770574	-39.503973	2080.13	2212.03
5	GUIDE	1025771264	9.63	1800	-0.338	0.148	0.114	0.187	228.090113	-39.985137	2384.86	-1818.83
6	GUIDE	1025794112	8.80	1801	-0.249	0.644	0.089	0.142	227.544851	-41.004564	-1544.63	-2324.70
7	GUIDE	1025794136	8.18	1800	0.614	-0.524	0.066	0.107	227.574251	-41.007734	-1516.30	-2401.27

2.4 Star Slots

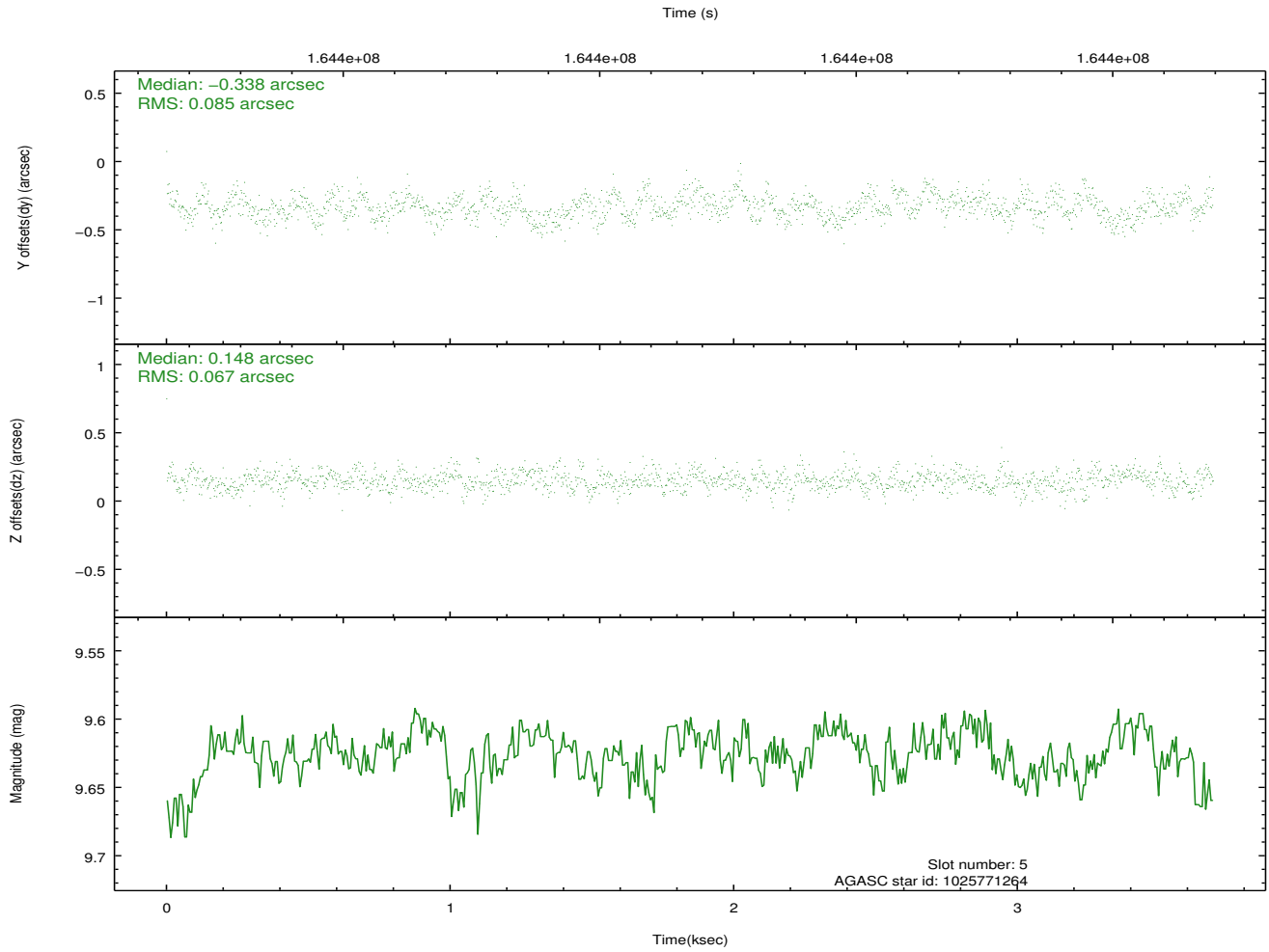
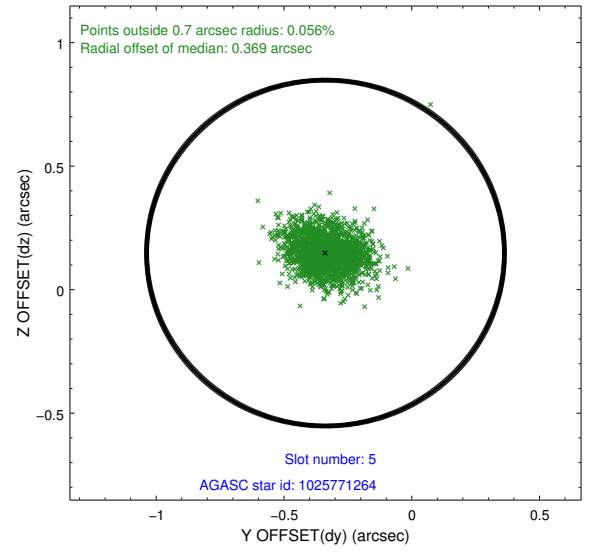
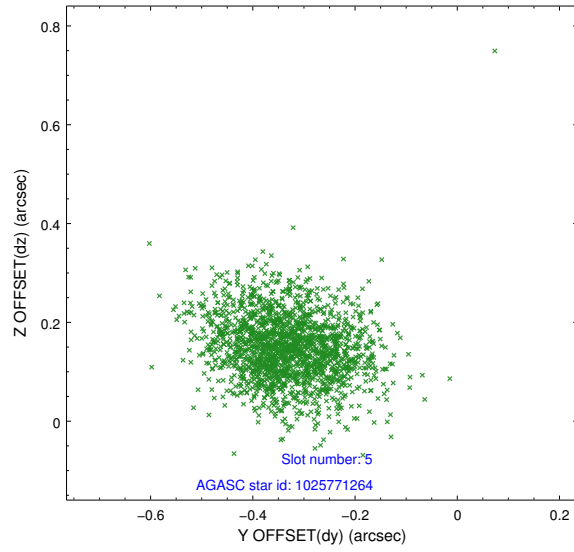
2.4.1 Slot 3



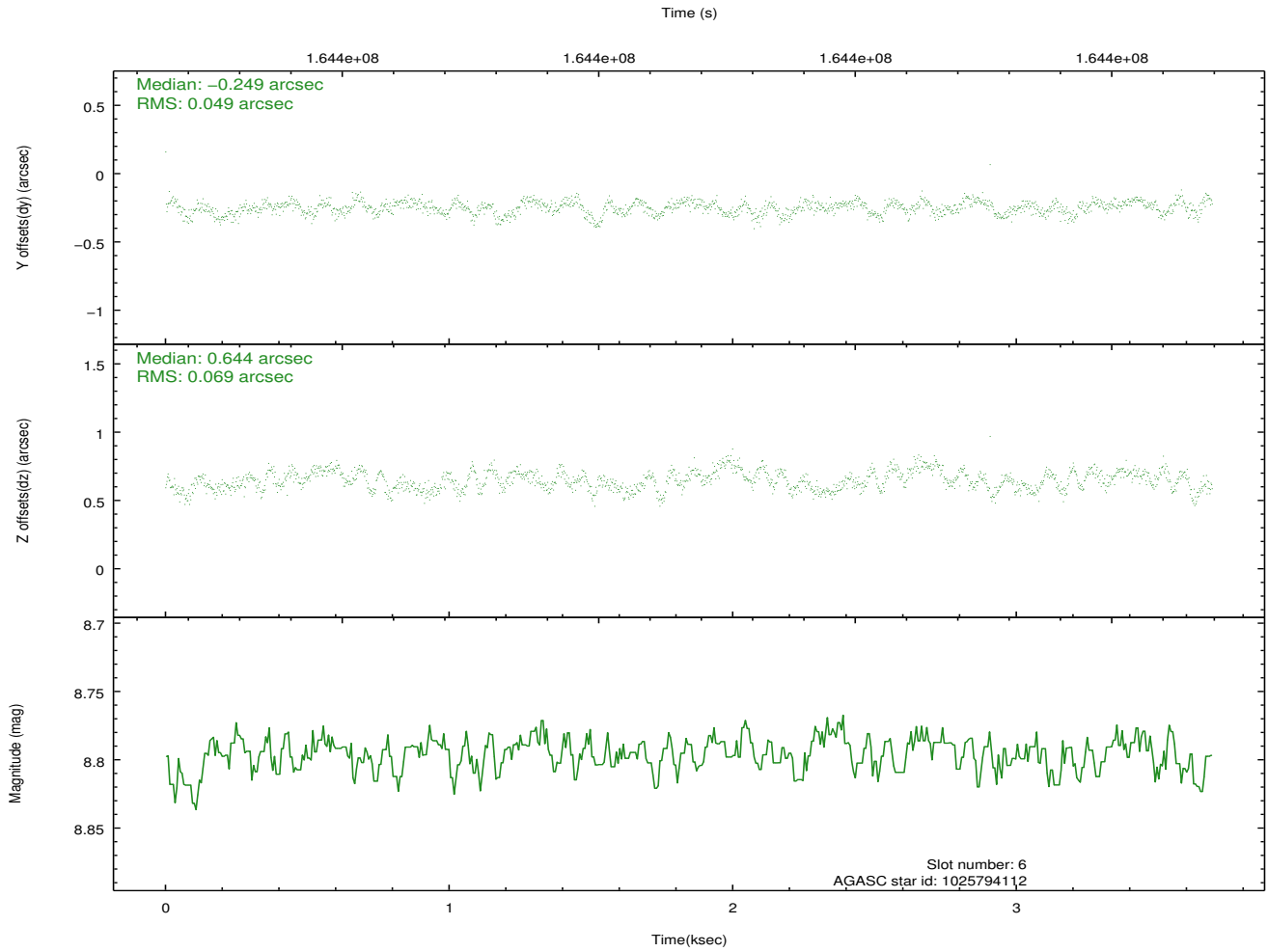
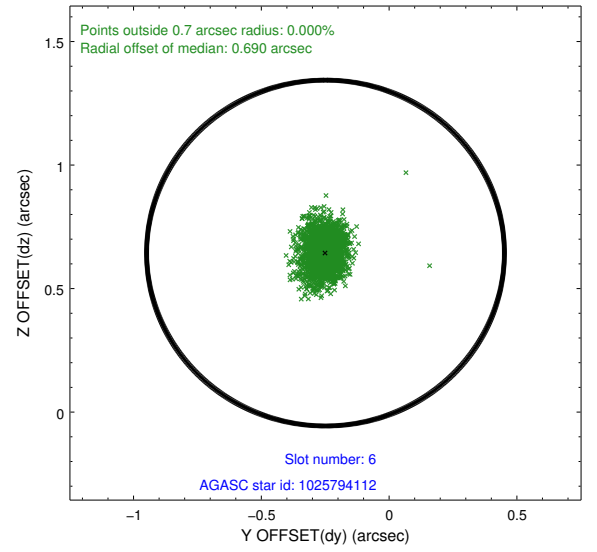
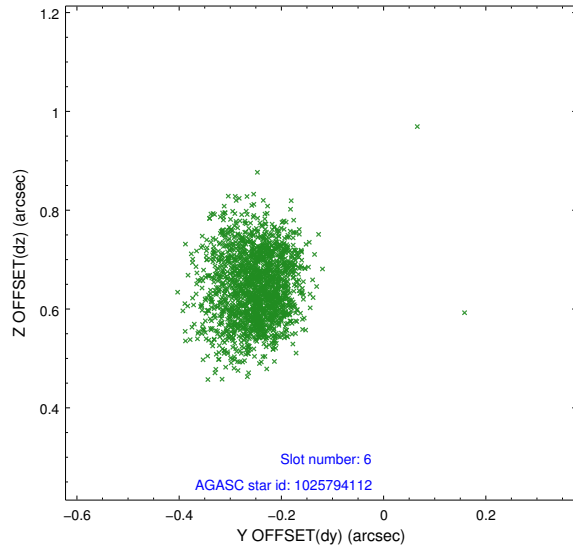
2.4.2 Slot 4



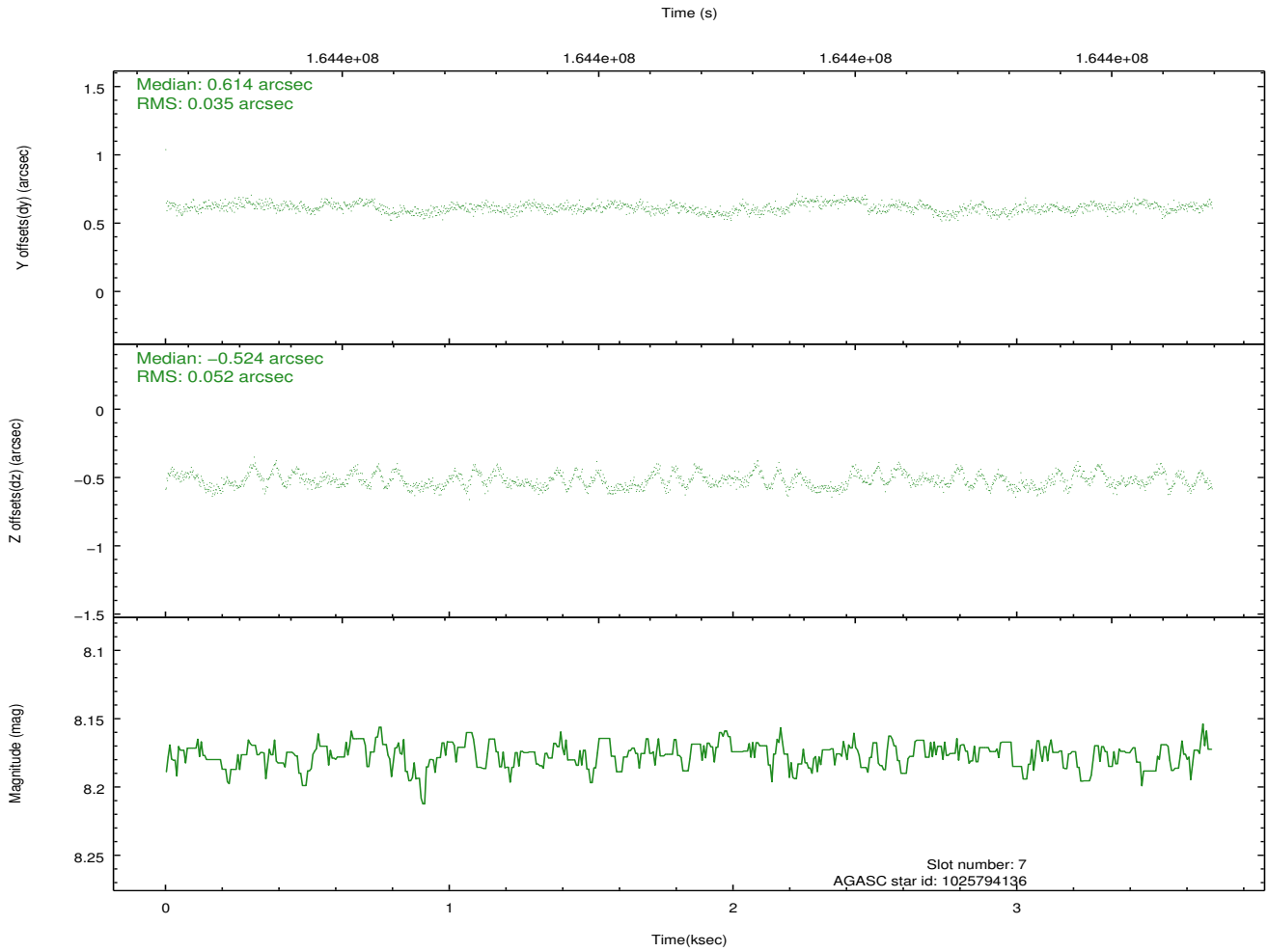
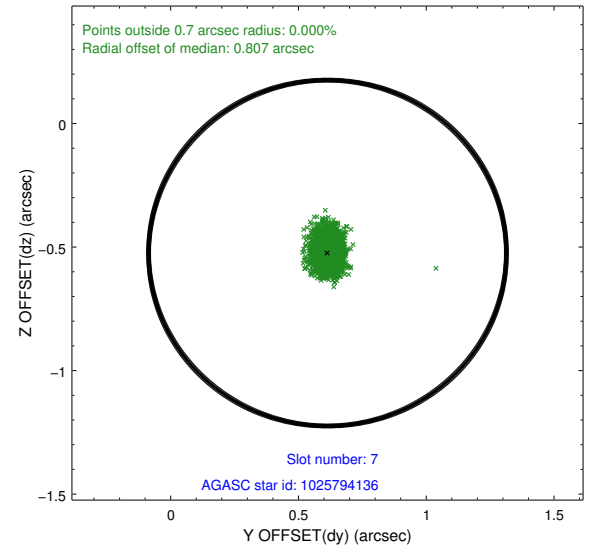
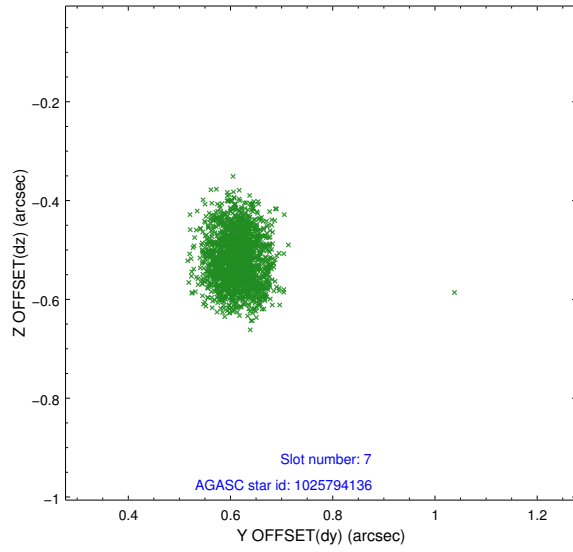
2.4.3 Slot 5



2.4.4 Slot 6

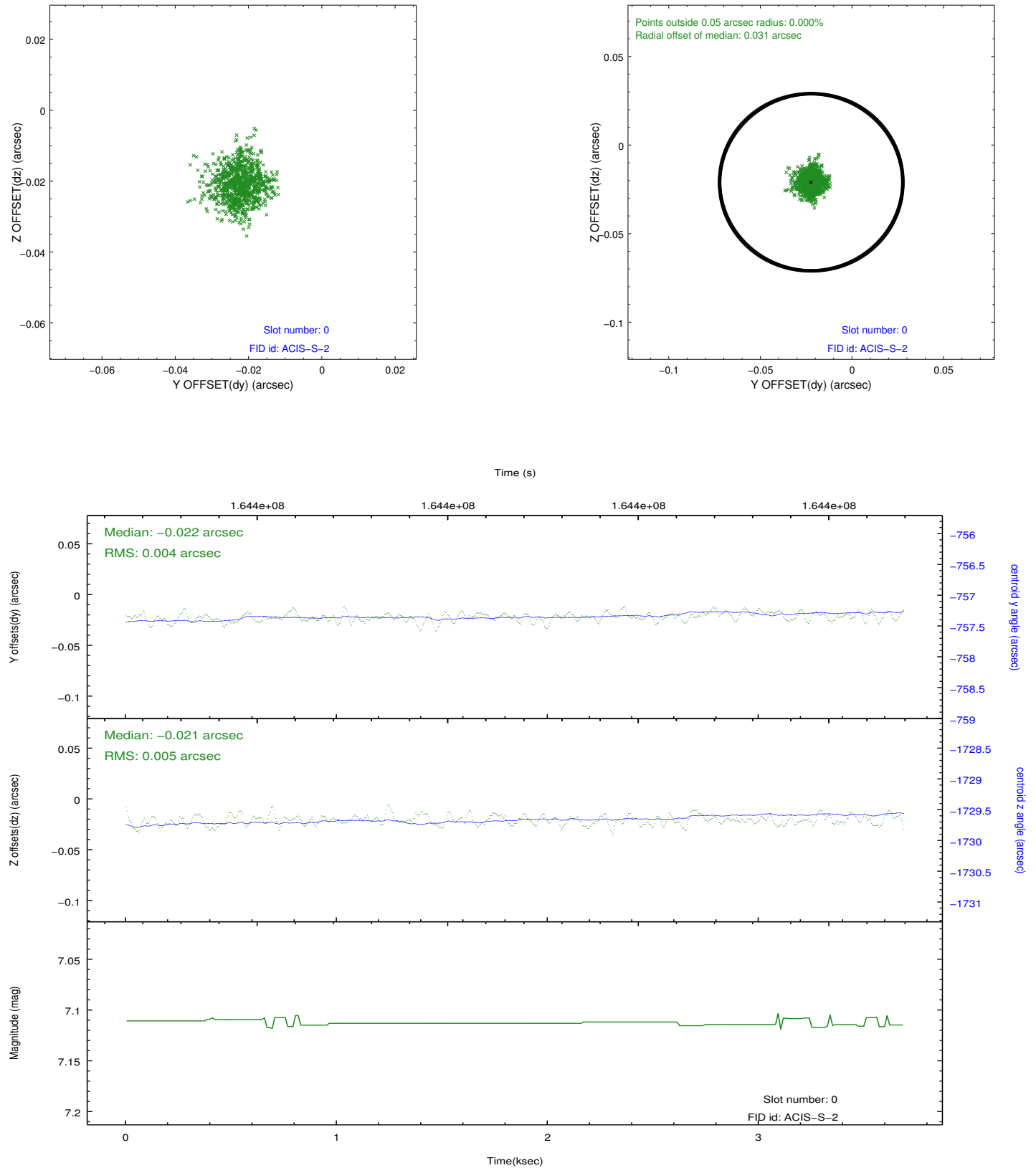


2.4.5 Slot 7

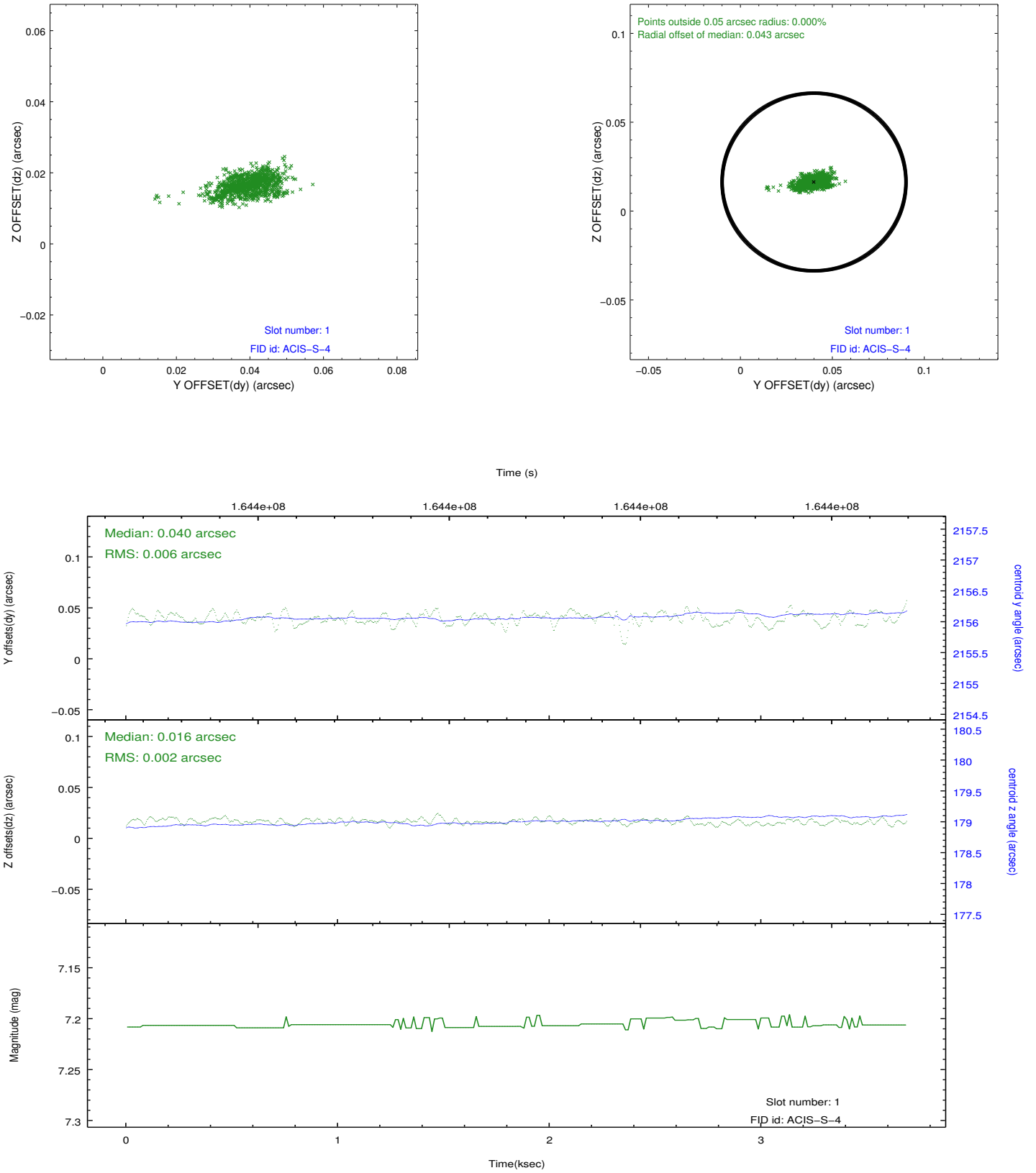


2.5 FID Slots

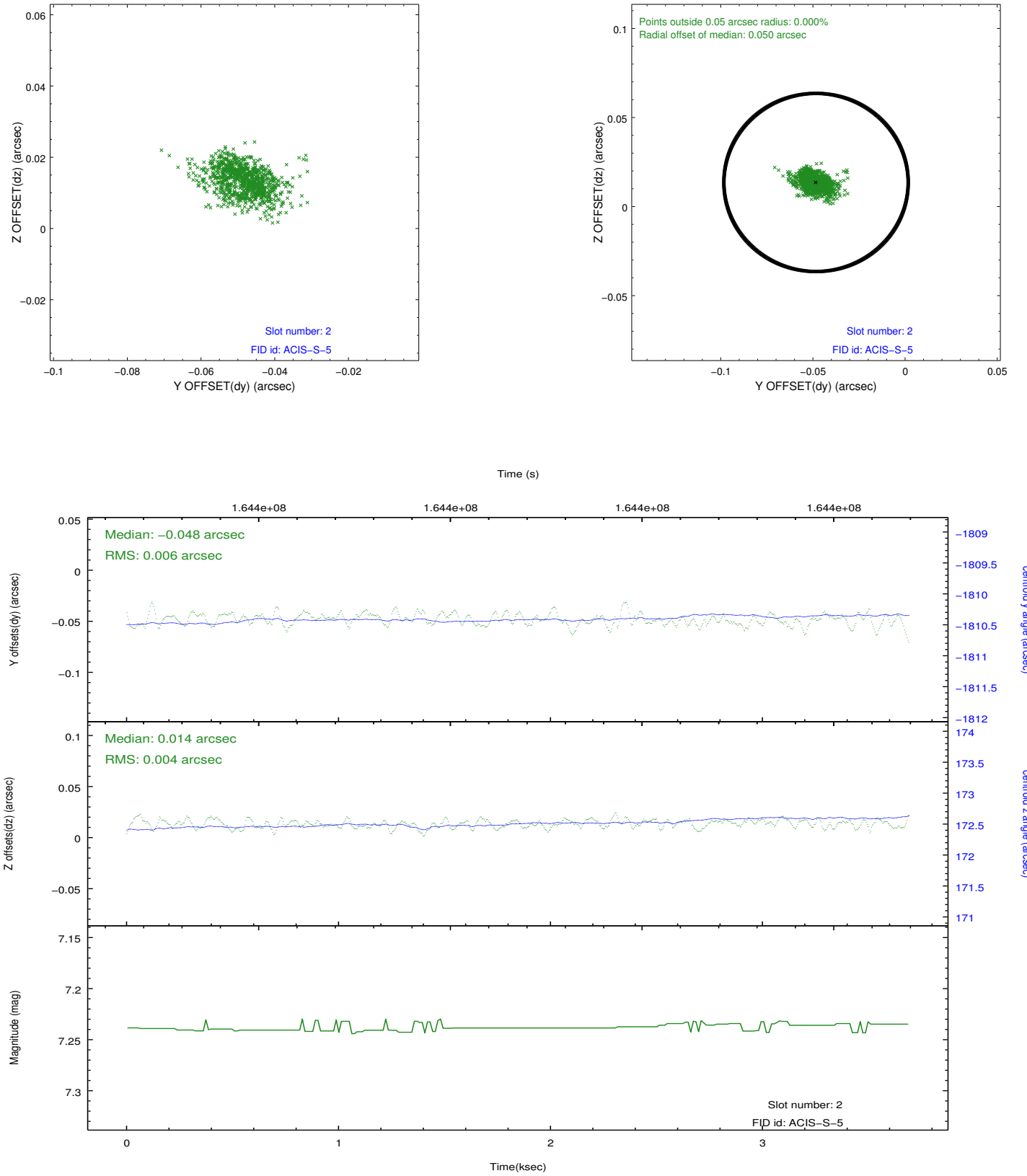
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.12.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.688

A.2 Comments