

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3884 - L2 Version 3
Chandra X-Ray Center

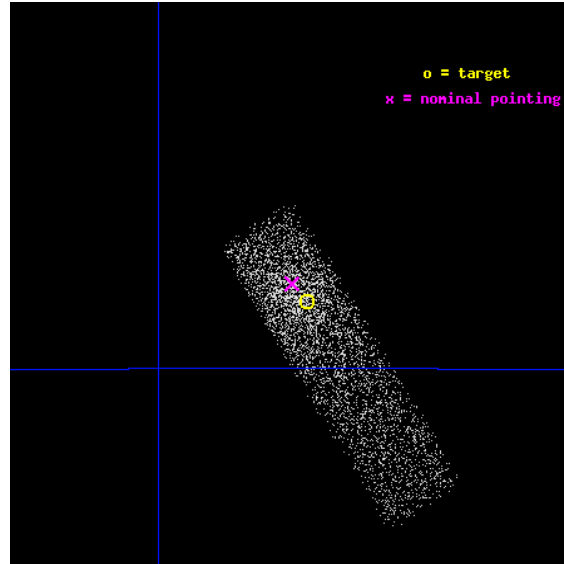
L2 Processing Date : Oct 24 2012

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1 Front

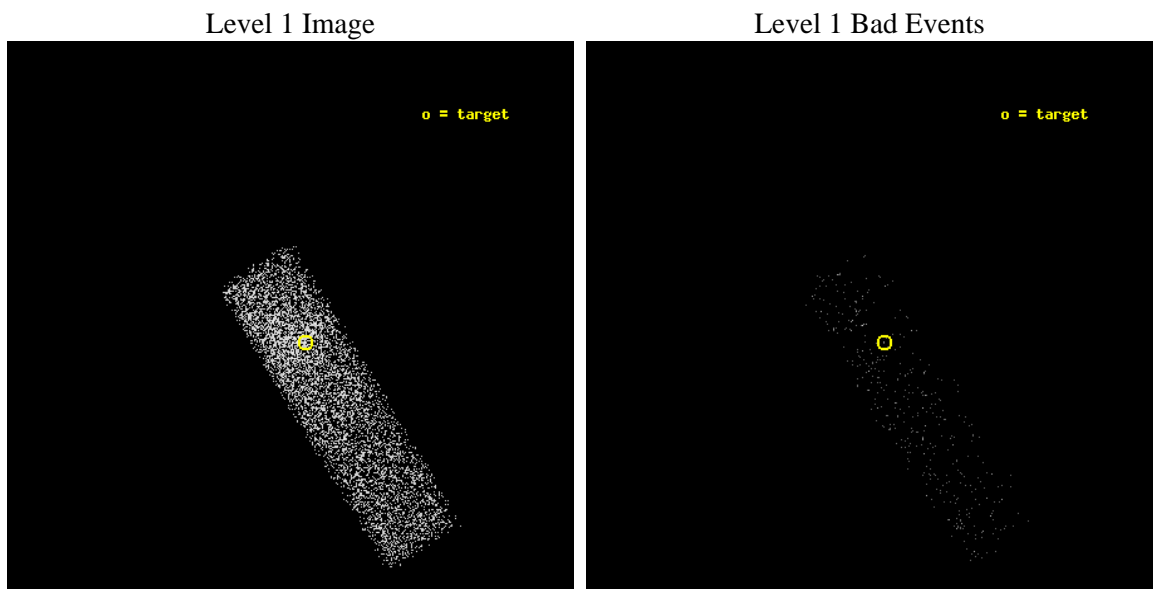
seq_num	500363	Sequence number
obs_id	3884	Observation id
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS	Pro
observer	Prof. David Kaplan	Principal investigator
object	RX J150139.6-403815	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	225.415	Observer's specified target RA [deg]
dec_targ	-40.6375	Observer's specified target Dec [deg]
ra_nom	225.42346054271	Nominal RA [deg]
dec_nom	-40.630228525717	Nominal Dec [deg]
roll_nom	58.598815809032	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2880.662170589	Sum of GTIs [s]
livetime	2740.095282592	Livetime [s]
ontime7	2880.662170589	Sum of GTIs [s]
l2events	4564	Number of level 2 events



2 OBI

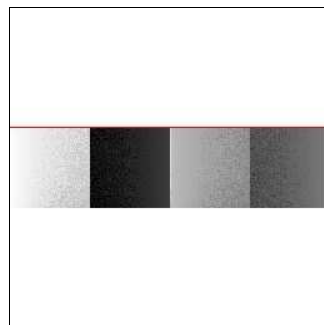
2.1 OBI

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	2880.662170589	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	2880.662170589	Sum of GTIs [s]
date	2012-10-24T19:01:08	Date and time of file creation	l1events	7963	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

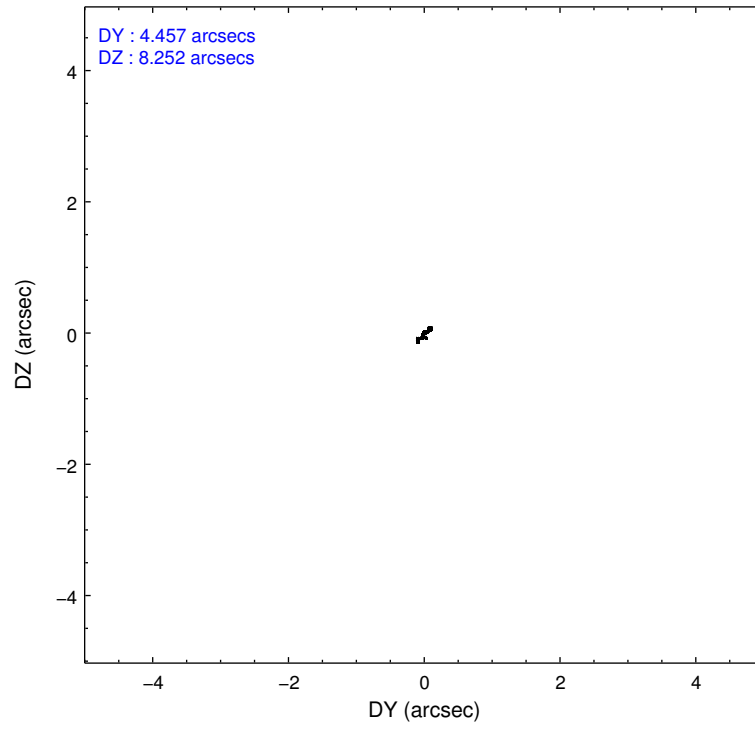
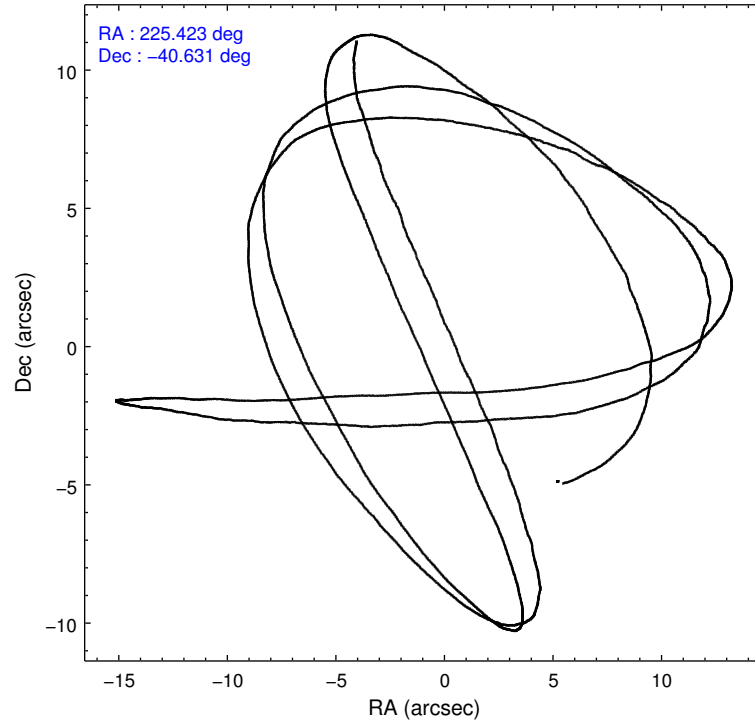
	ccd 7
level 1 events	7963
rejected events	3288
rejected %	41%

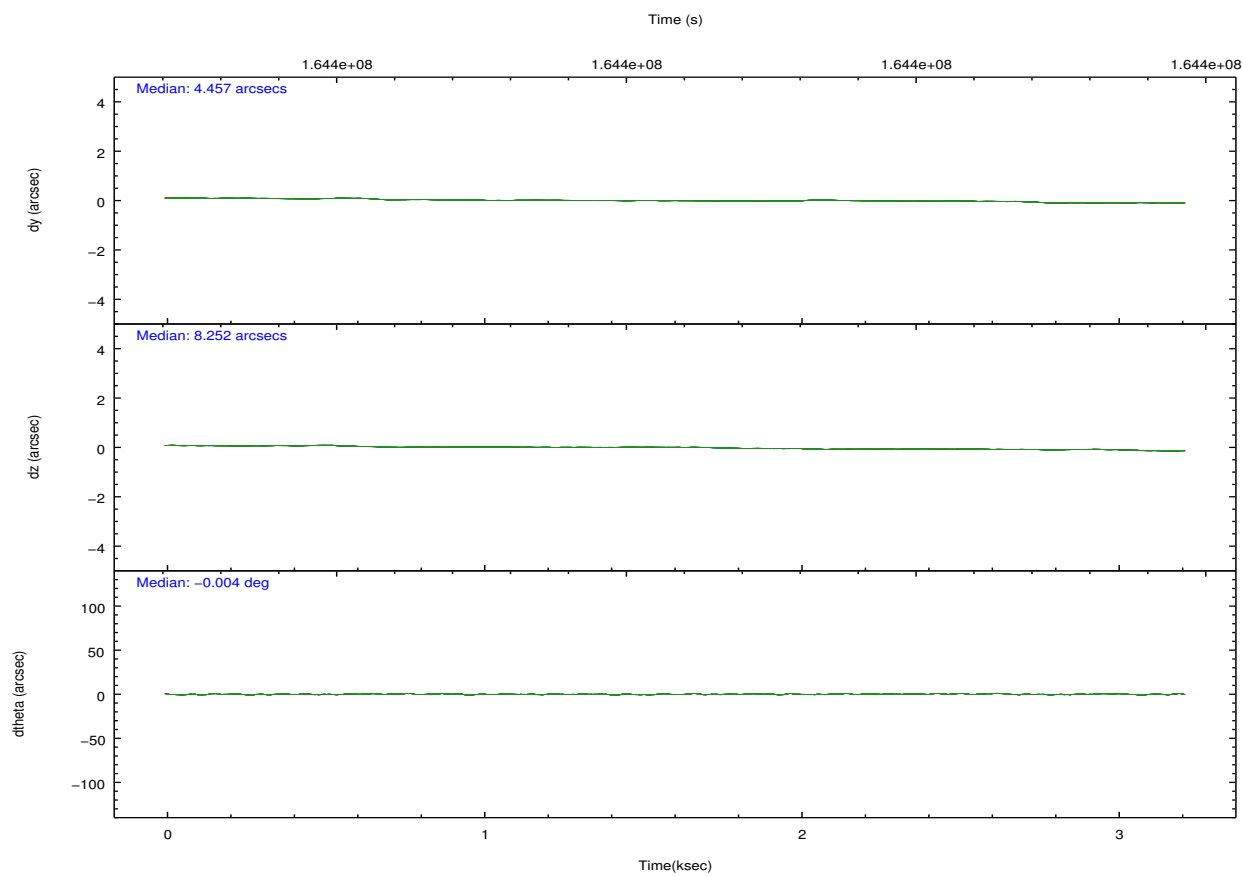
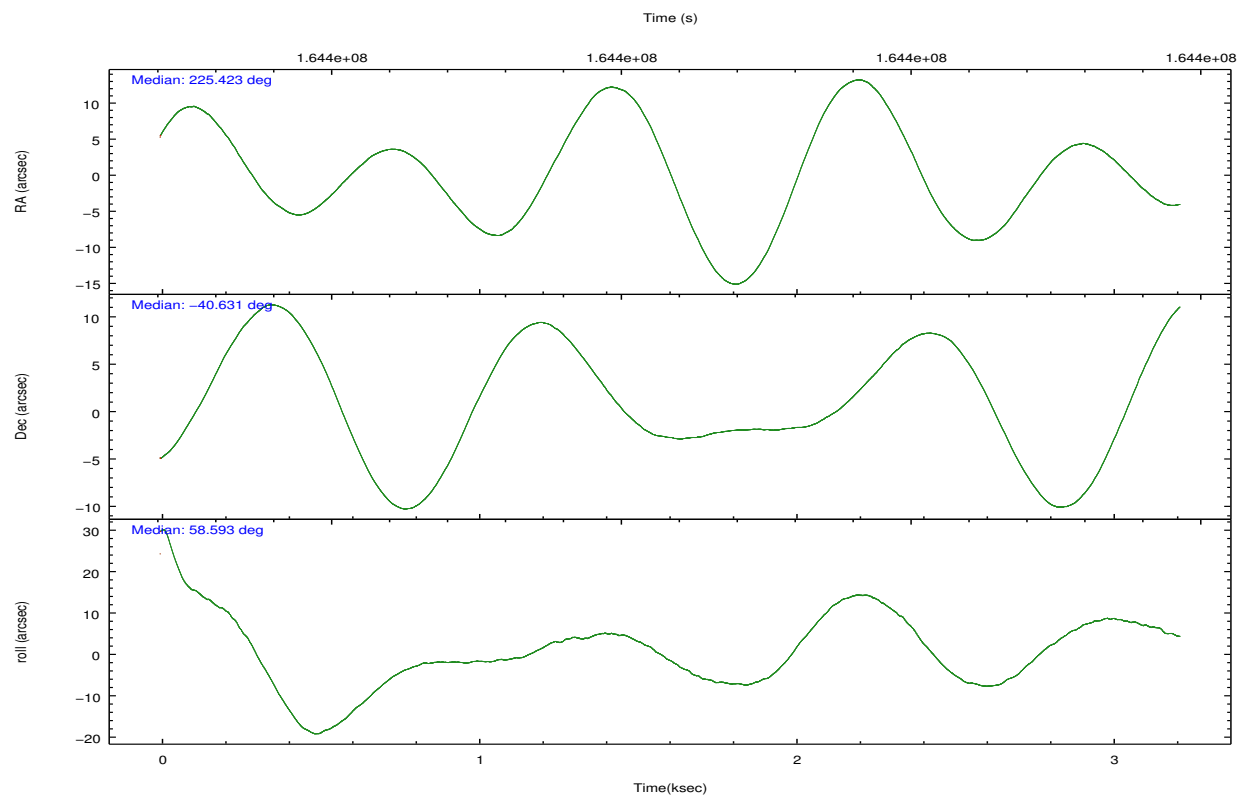
	ccd 7
grade 0 events	877
	11%
grade 1 events	1
	0%
grade 2 events	1012
	12%
grade 3 events	533
	6%
grade 4 events	555
	6%
grade 5 events	586
	7%
grade 6 events	1702
	21%
grade 7 events	2697
	33%

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	225.423052	225.4234605427143	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-40.657488	-40.63022852571684	Subarray start row	384	385
[deg] Pointing Roll	58.441915	58.59881580903157	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)	164399747.184000	164399350.69567			
Observation start date	2003-03-18T18:34:43	2003-03-18T18:29:10			
[s] Observation end time (MET)	164402776.184000	164403317.44583			
Observation end date	2003-03-18T19:25:12	2003-03-18T19:35:17			
Read mode	TIMED	TIMED			

2.3 Aspect



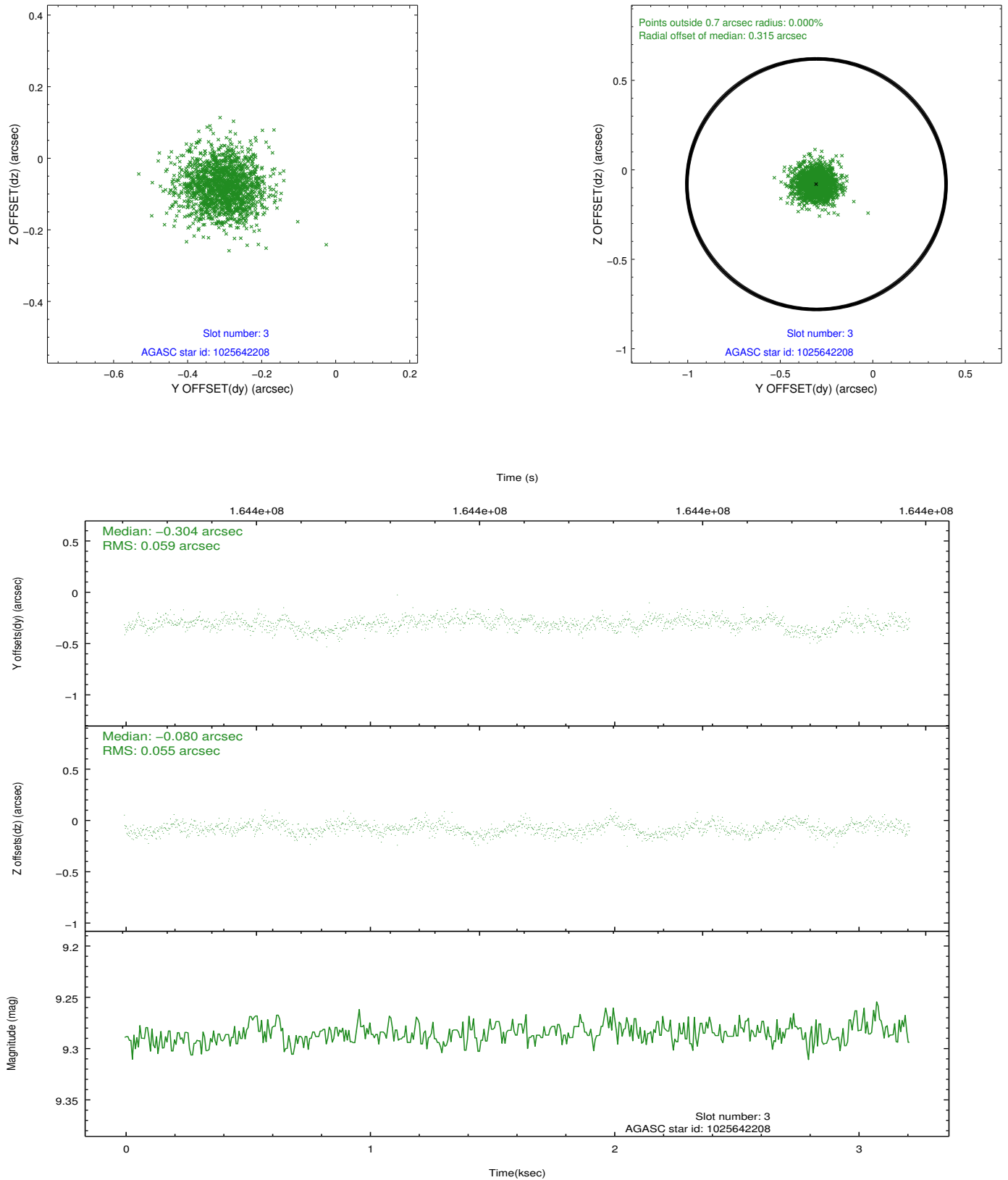


Slot Statistics

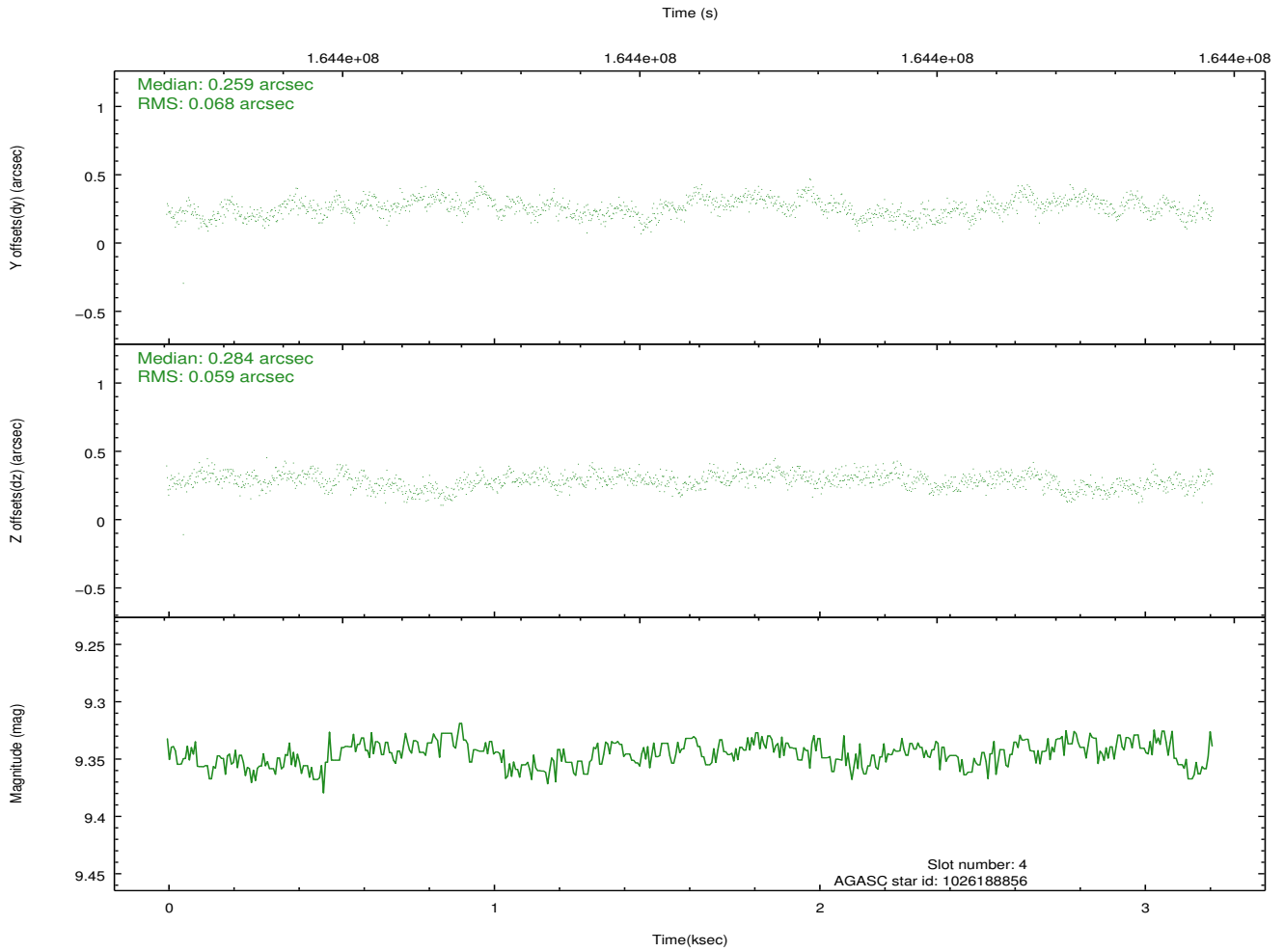
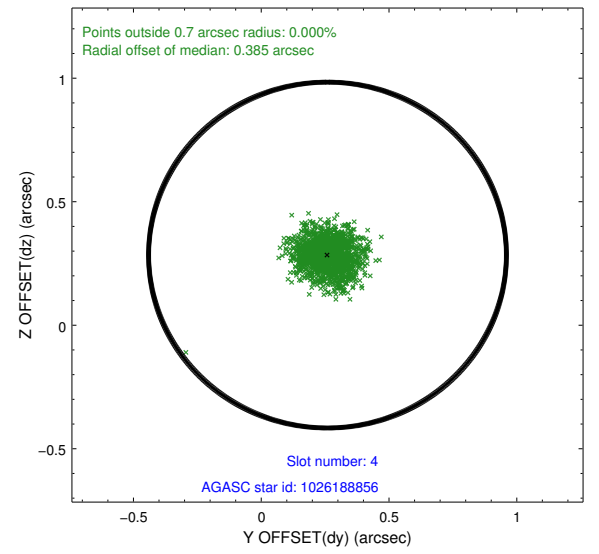
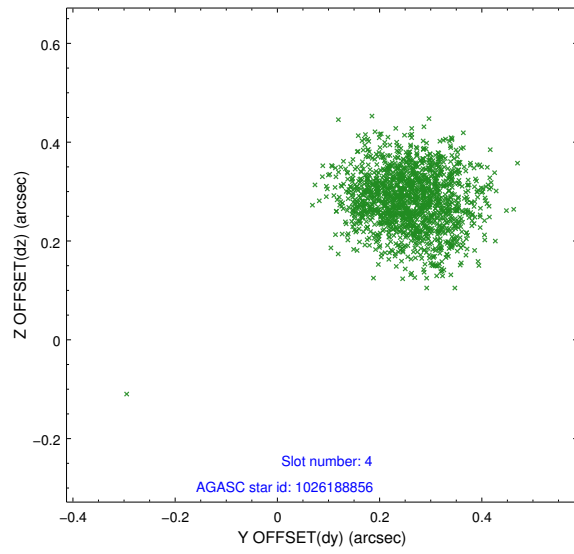
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	785	-0.021	-0.019	0.006	0.011	0.000000	0.000000	-757.17	-1729.44
1	FID	ACIS-S-4	7.21	785	0.037	0.015	0.005	0.009	0.000000	0.000000	2155.28	177.01
2	FID	ACIS-S-5	7.24	784	-0.048	0.013	0.006	0.010	0.000000	0.000000	-1807.48	172.96
3	GUIDE	1025642208	9.29	1568	-0.304	-0.080	0.085	0.141	225.358356	-39.909165	2201.52	1562.51
4	GUIDE	1026188856	9.35	1569	0.259	0.284	0.096	0.149	225.548004	-41.307204	-1814.71	-1510.93
5	GUIDE	1025513568	9.74	1569	0.120	-0.197	0.100	0.165	224.664371	-40.711370	-1257.69	1656.84
6	GUIDE	1025525648	8.96	1569	-0.000	-0.312	0.104	0.170	224.939684	-40.040937	1189.86	2296.06
7	GUIDE	1025654048	9.70	1568	-0.056	0.305	0.103	0.167	226.246157	-40.802382	721.32	-2187.72

2.4 Star Slots

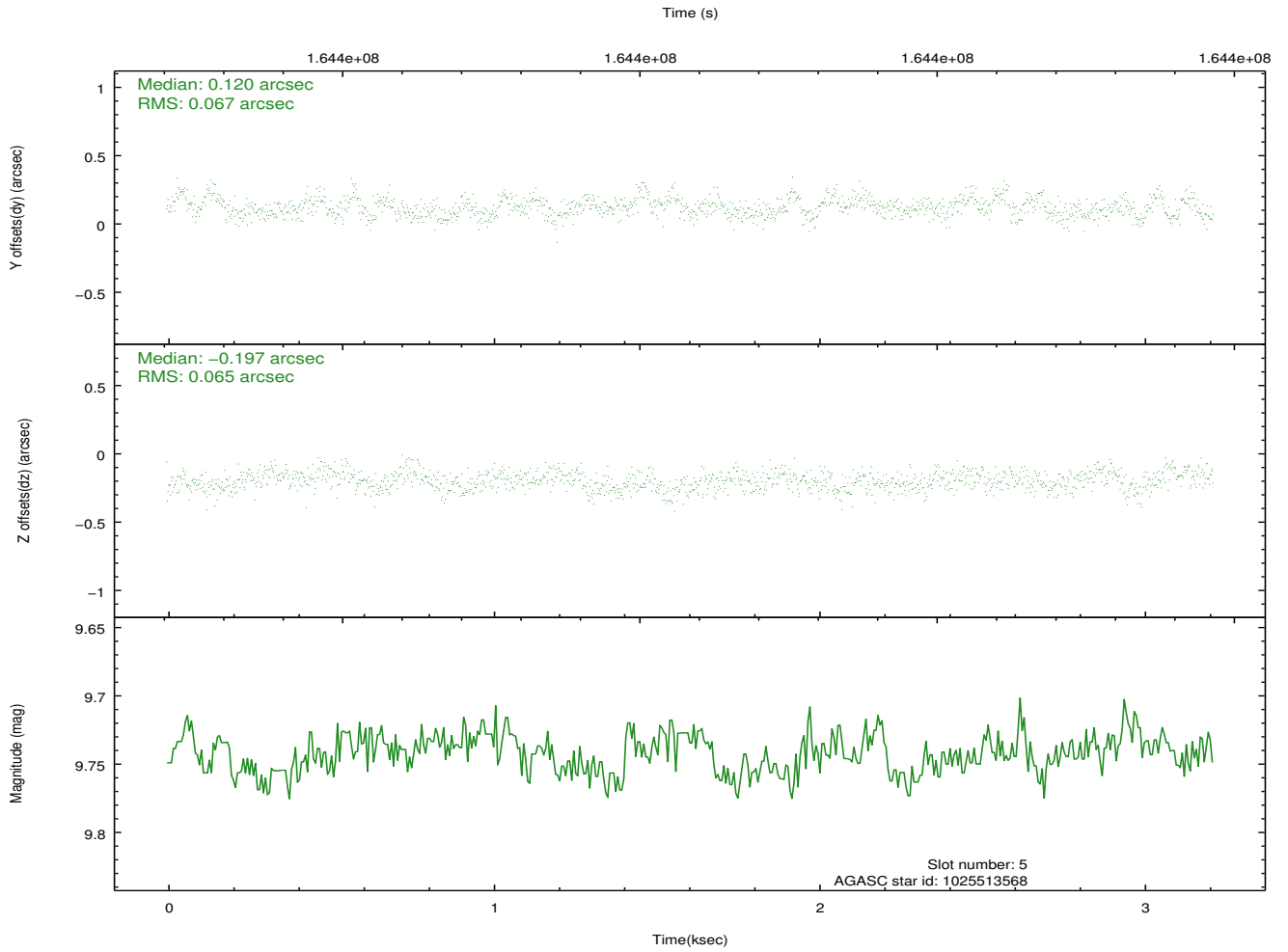
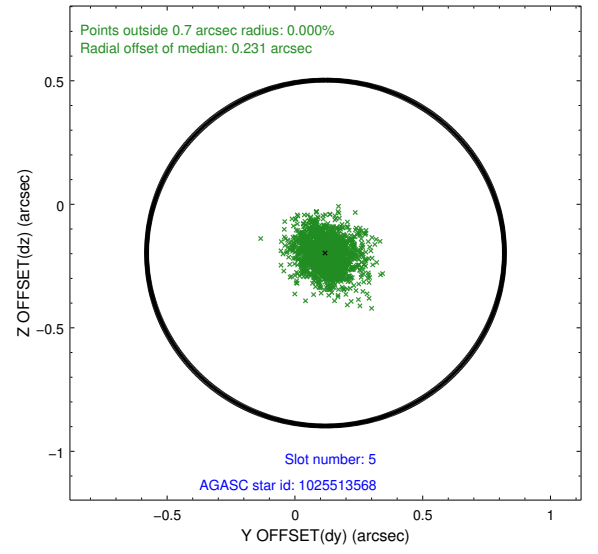
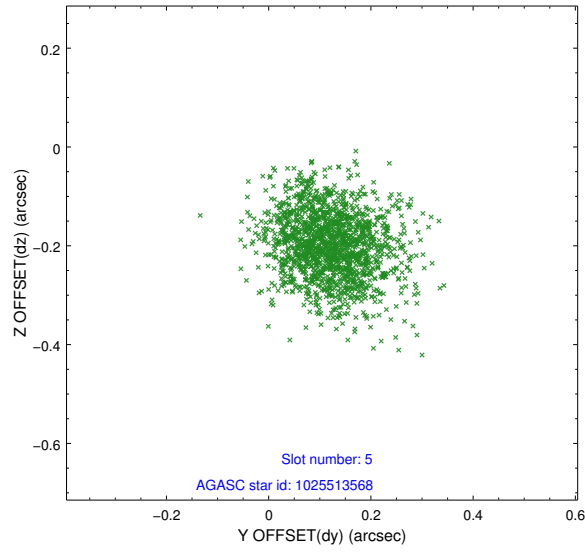
2.4.1 Slot 3



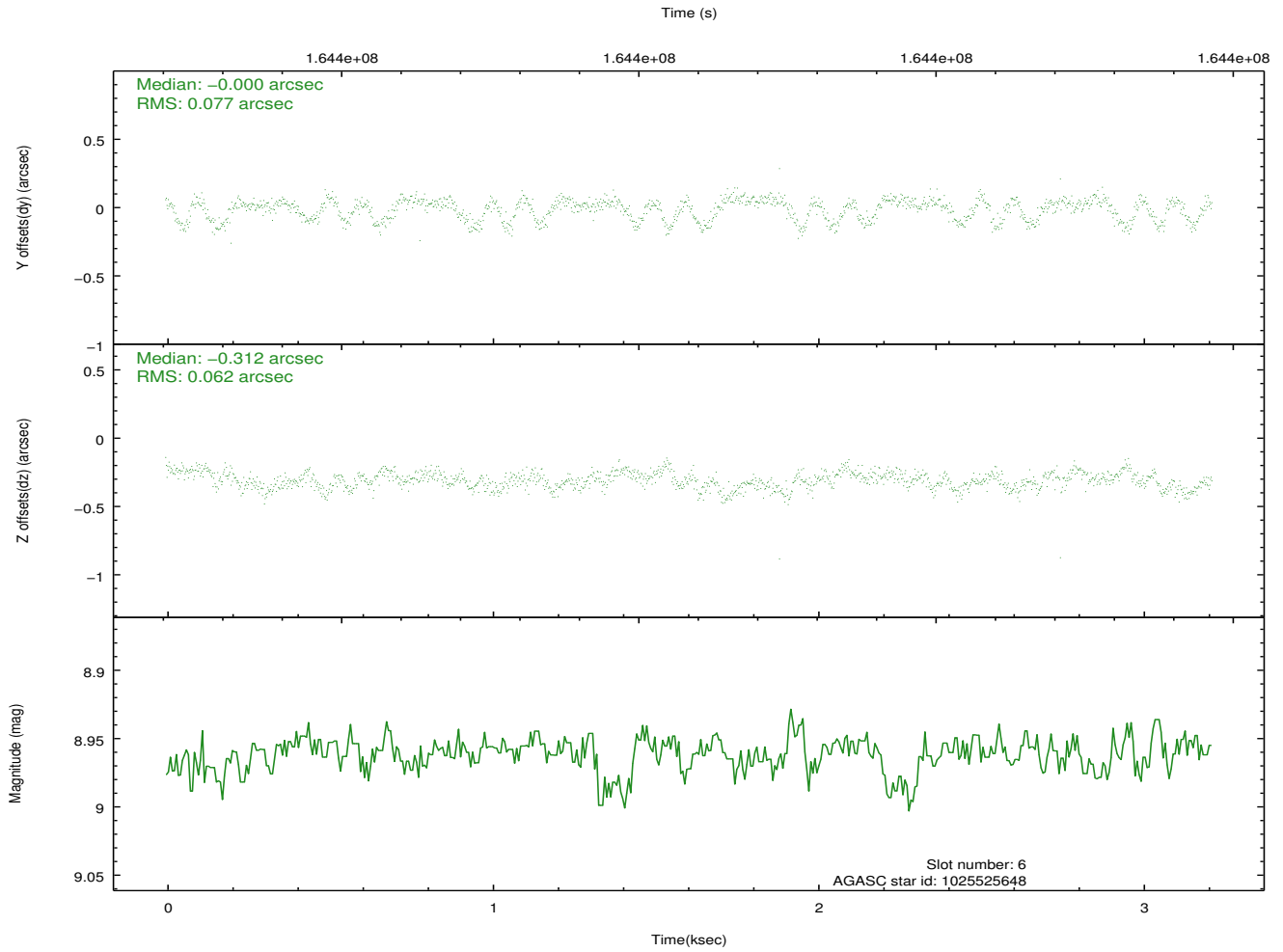
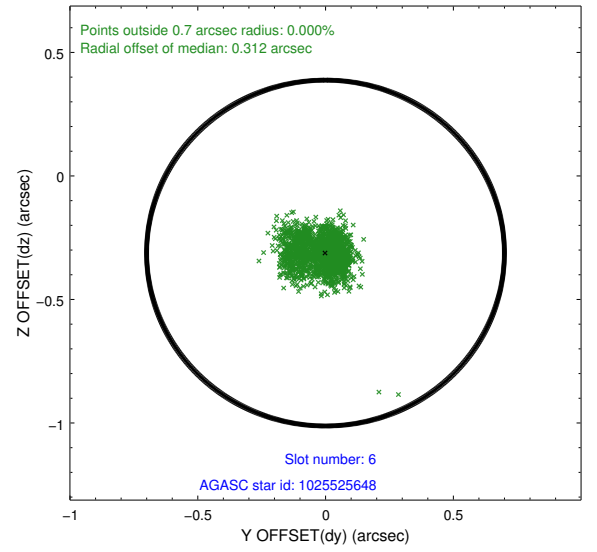
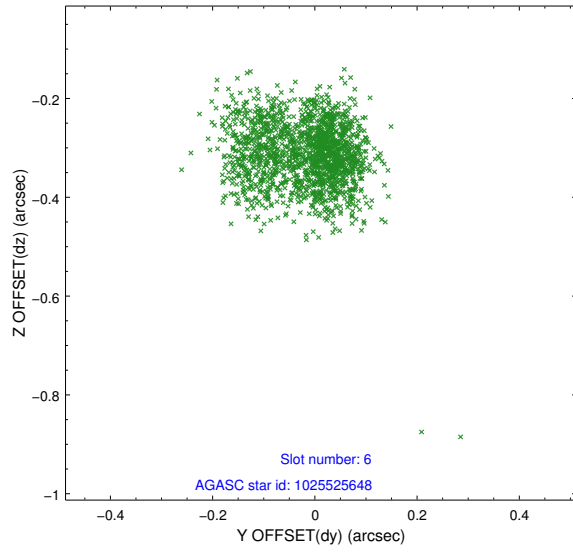
2.4.2 Slot 4



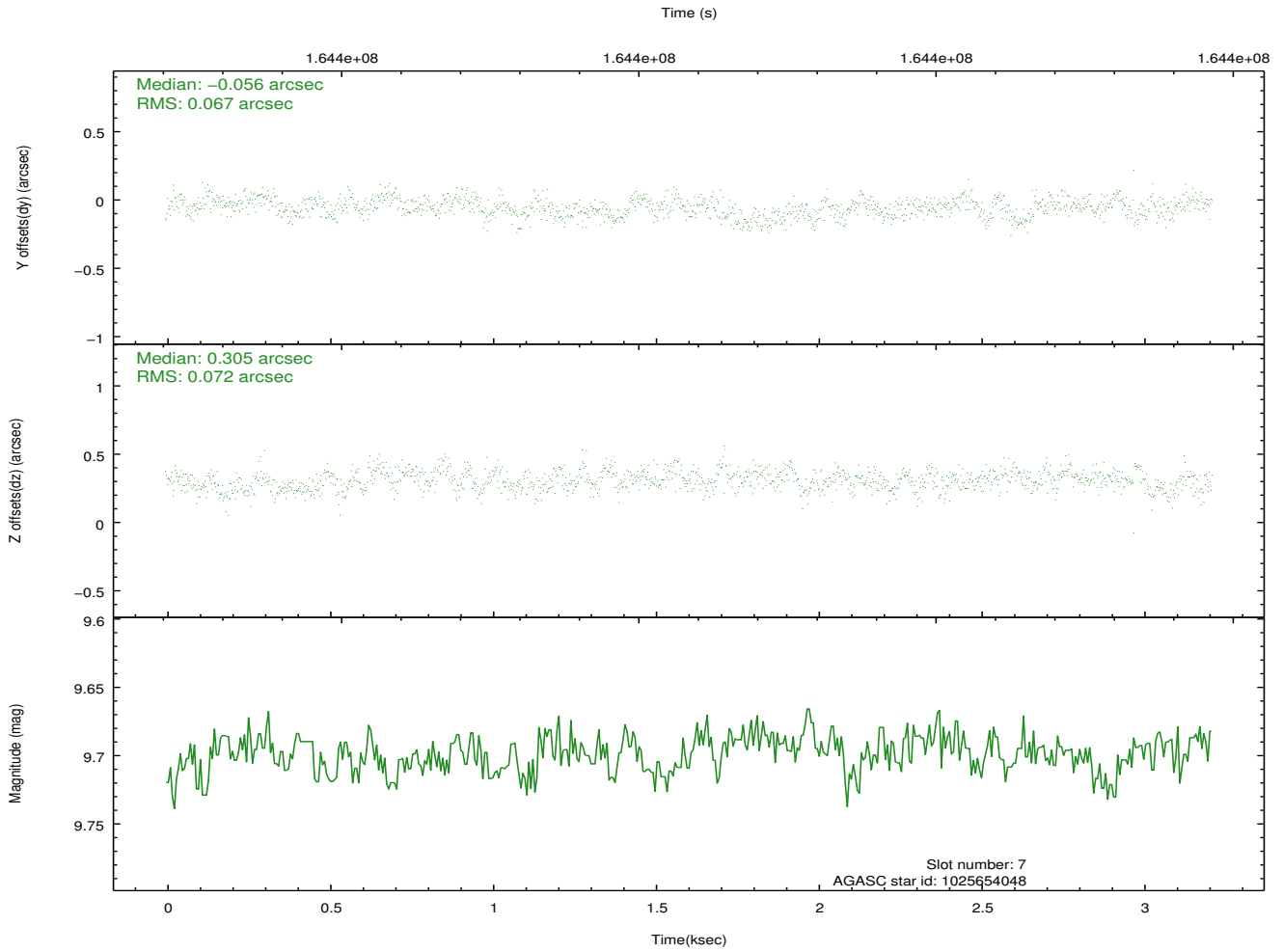
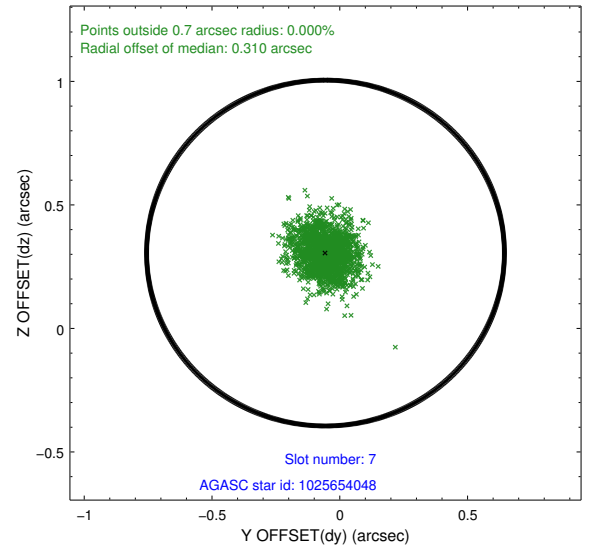
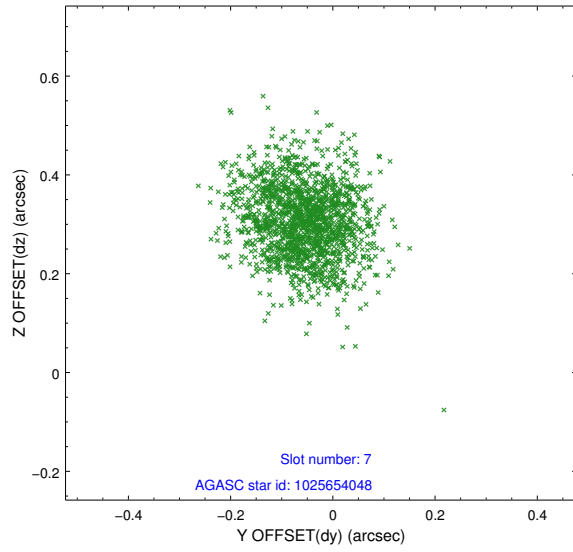
2.4.3 Slot 5



2.4.4 Slot 6

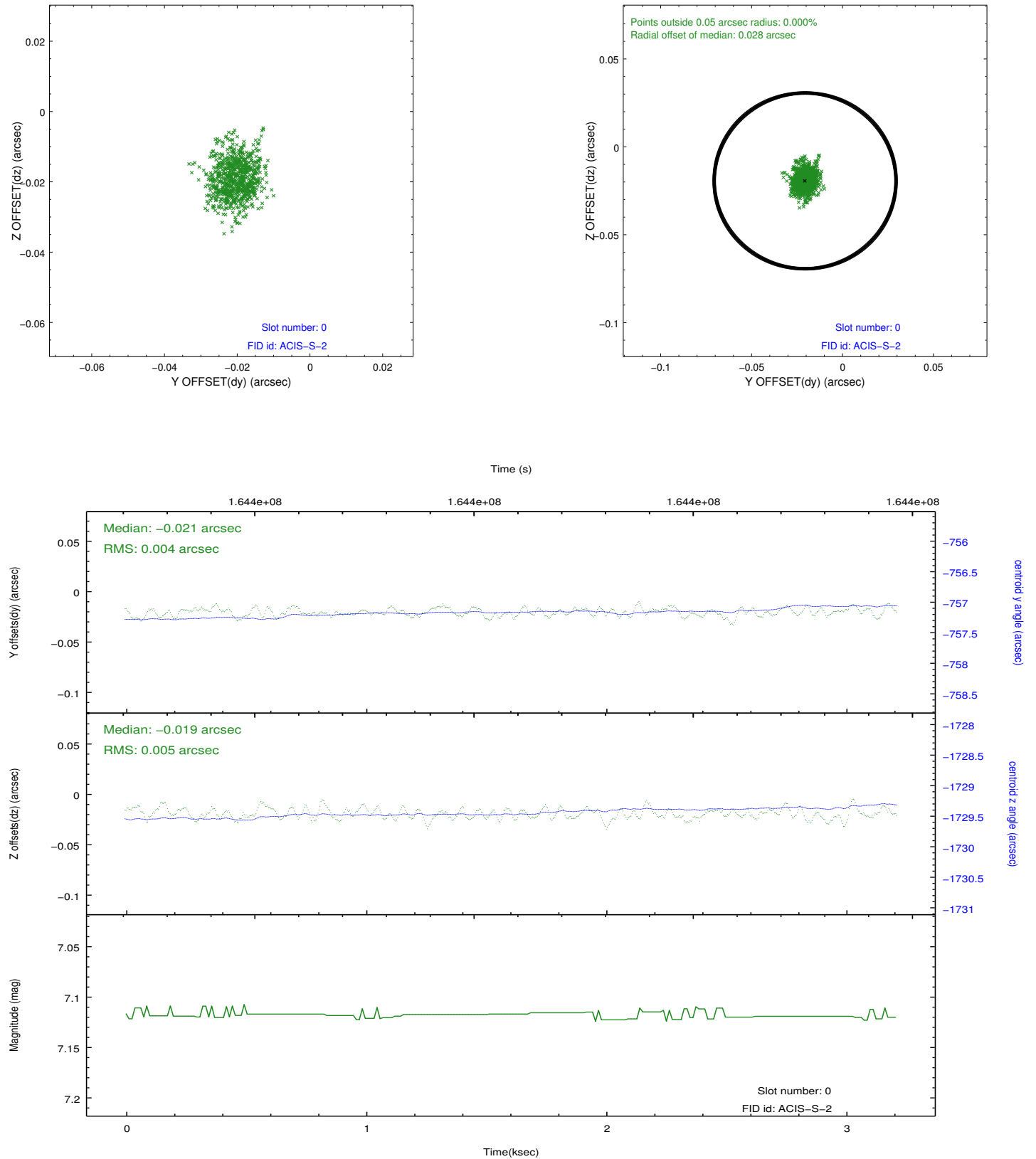


2.4.5 Slot 7

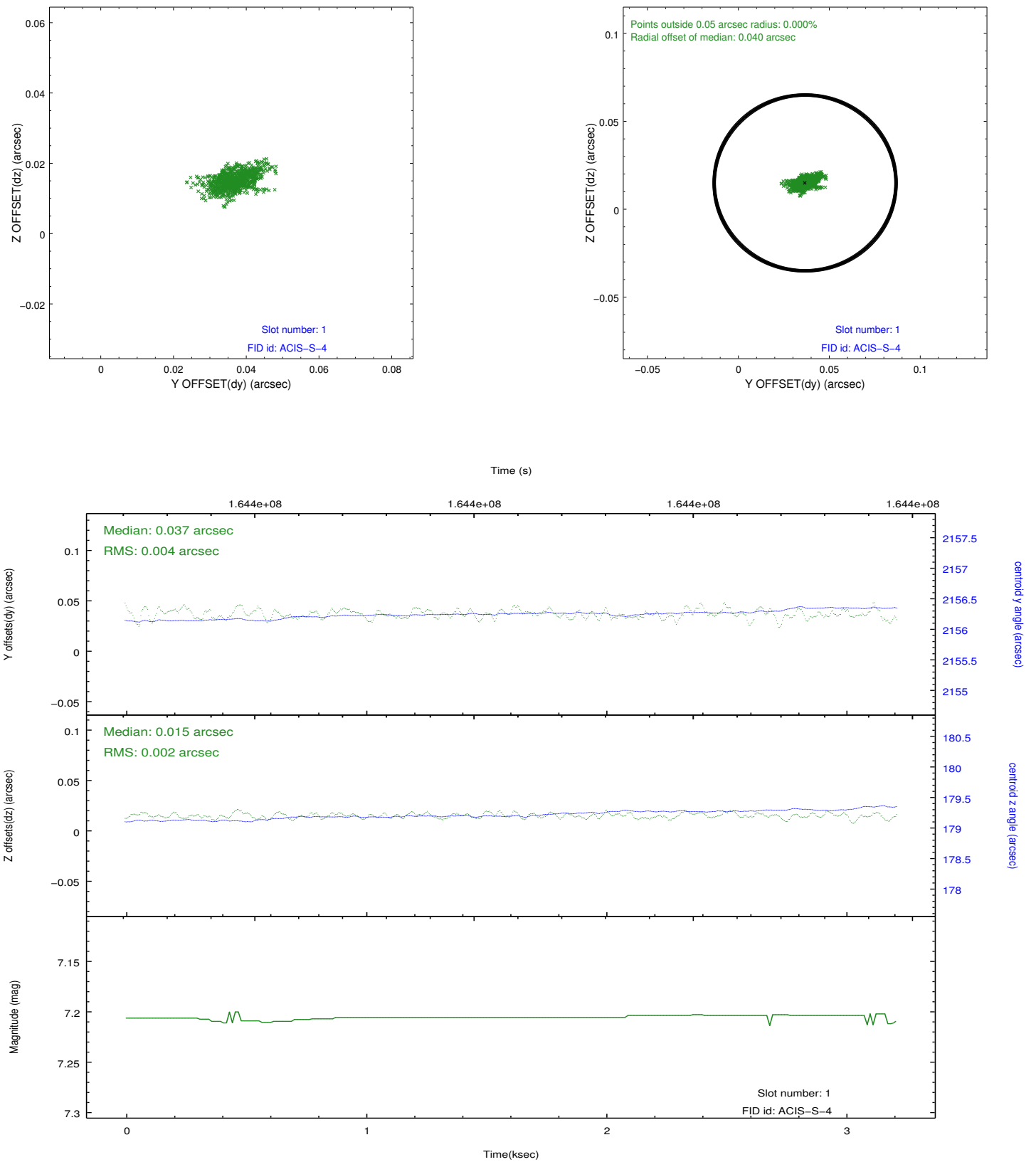


2.5 FID Slots

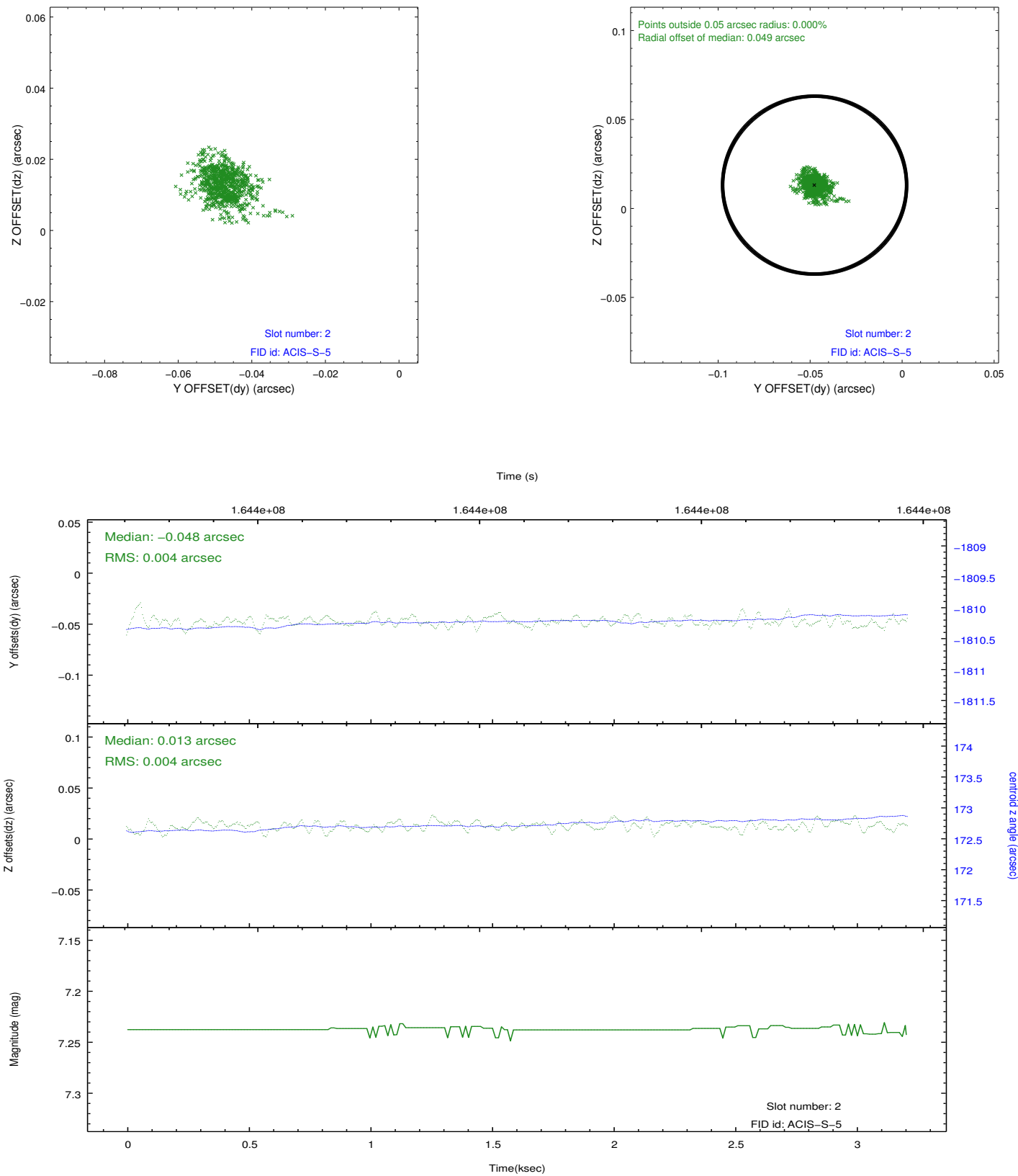
2.5.1 Slot 0



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	2.88

A.2 Comments