

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10396 - L2 Version 2
Chandra X-Ray Center

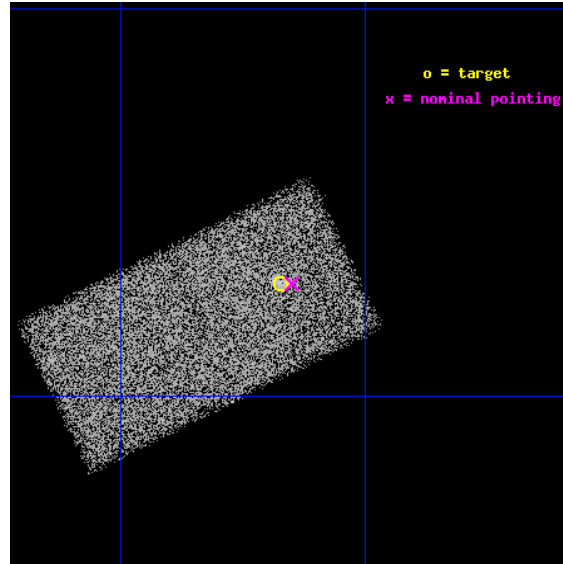
L2 Processing Date : Jun 3 2012

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1 Front

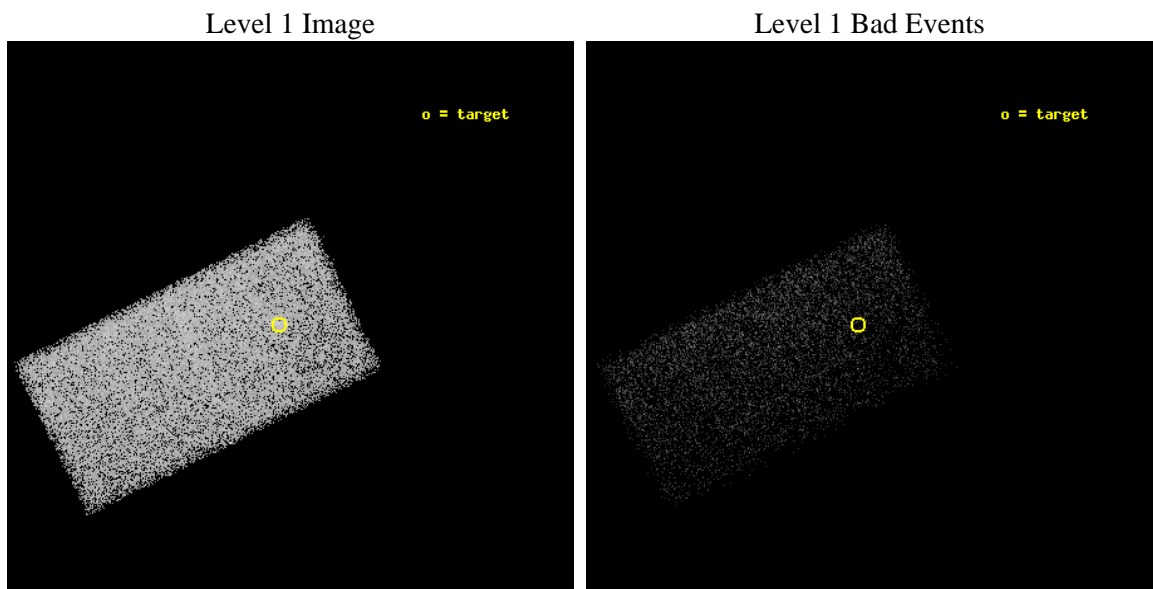
seq_num	701939	Sequence number
obs_id	10396	Observation id
title	A Complete Census of AGN Activity in Luminous Infrared Galaxies	Pr
observer	Dr David Alexander	Principal investigator
object	NGC5653	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	217.543333	Observer's specified target RA [deg]
dec_targ	31.215556	Observer's specified target Dec [deg]
ra_nom	217.5376832815	Nominal RA [deg]
dec_nom	31.215089199903	Nominal Dec [deg]
roll_nom	153.75956027846	Nominal Roll [deg]
revision	2	Processing version of data
ontime	16969.5	Sum of GTIs [s]
livetime	16517.579037533	Livetime [s]
ontime7	16969.5	Sum of GTIs [s]
l2events	34035	Number of level 2 events



2 OBI

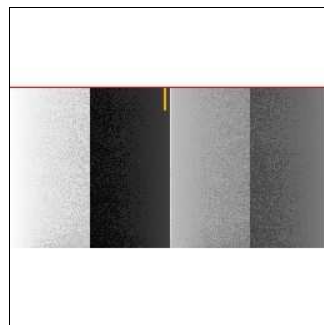
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	16800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	16969.5	Sum of GTIs [s]
caldsver	4.4.9	 	ontime7	16969.5	Sum of GTIs [s]
date	2012-06-03T23:49:04	Date and time of file creation	l1events	70072	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

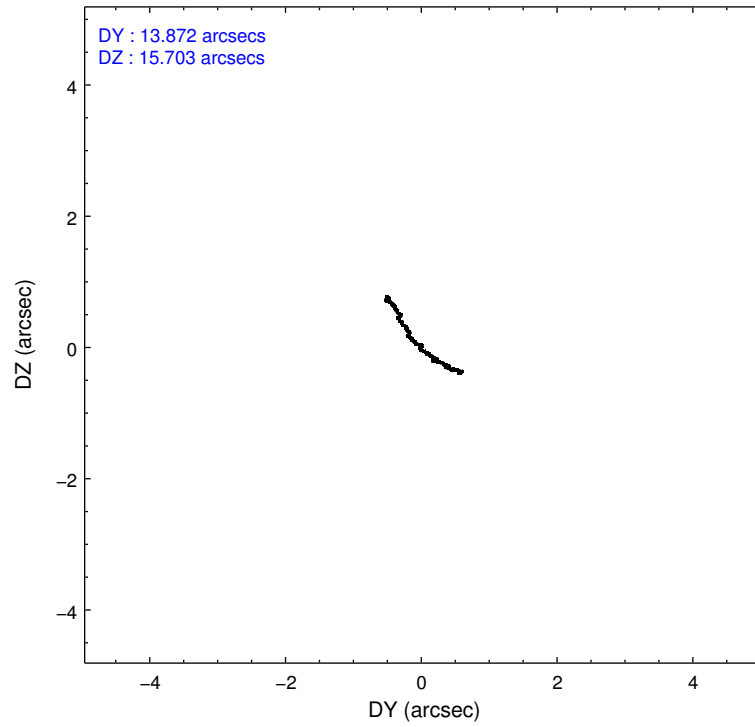
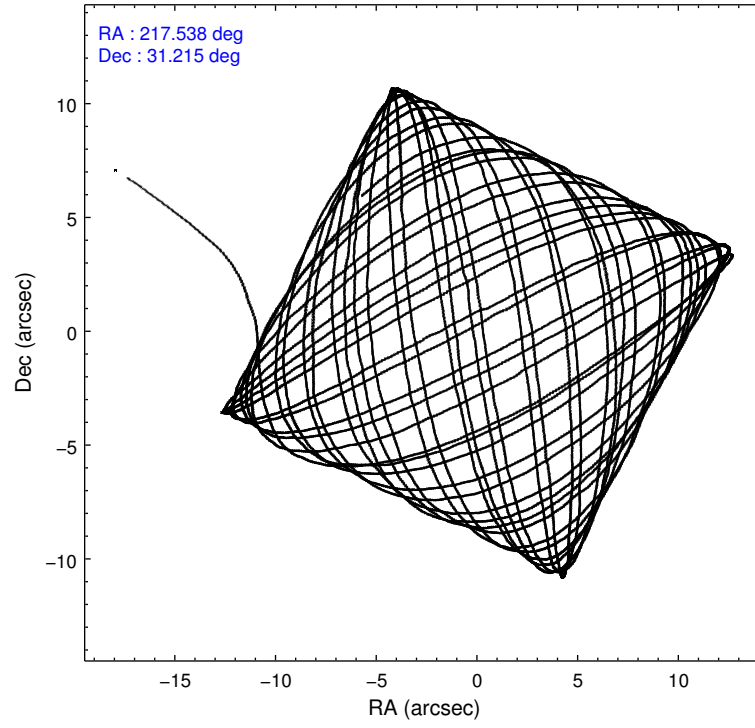
	ccd 7
level 1 events	70072
rejected events	34815
rejected %	49%

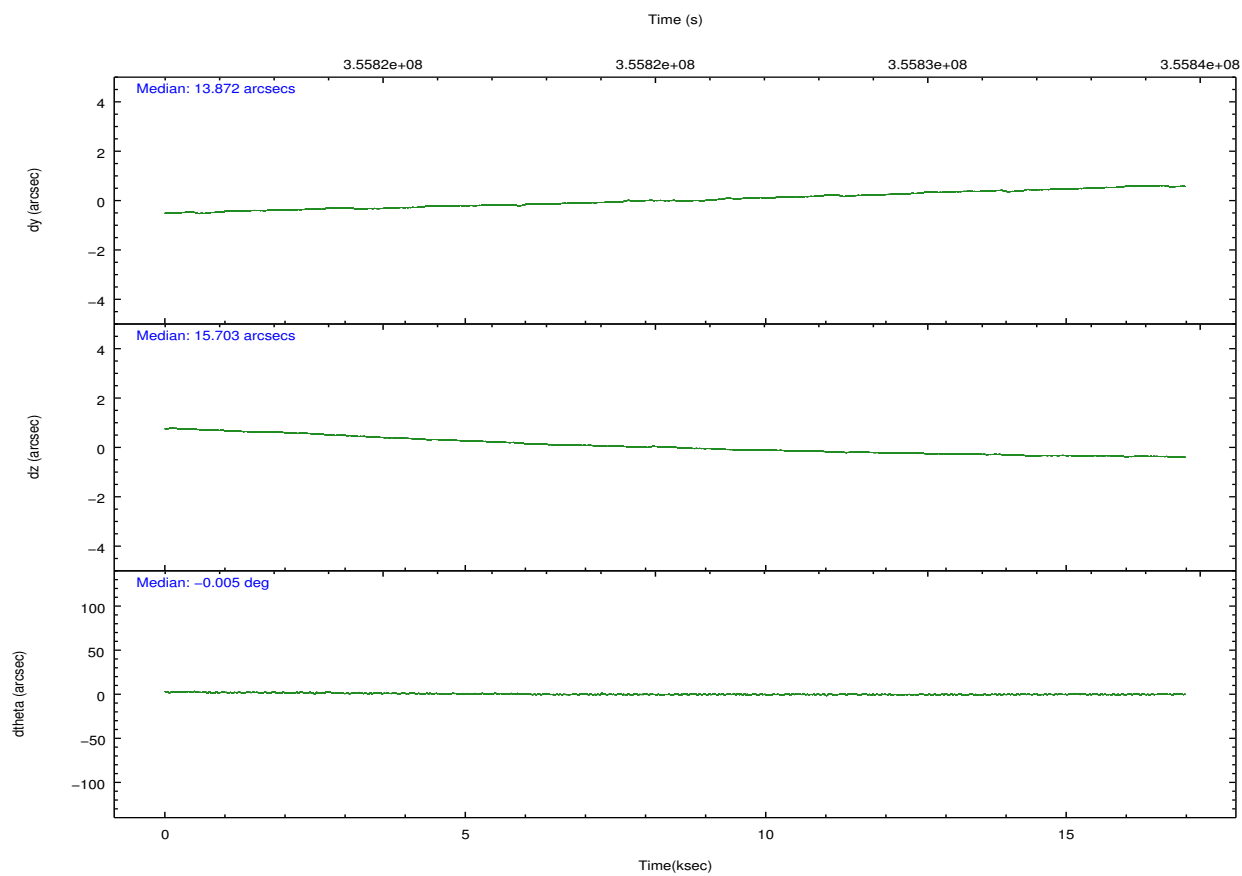
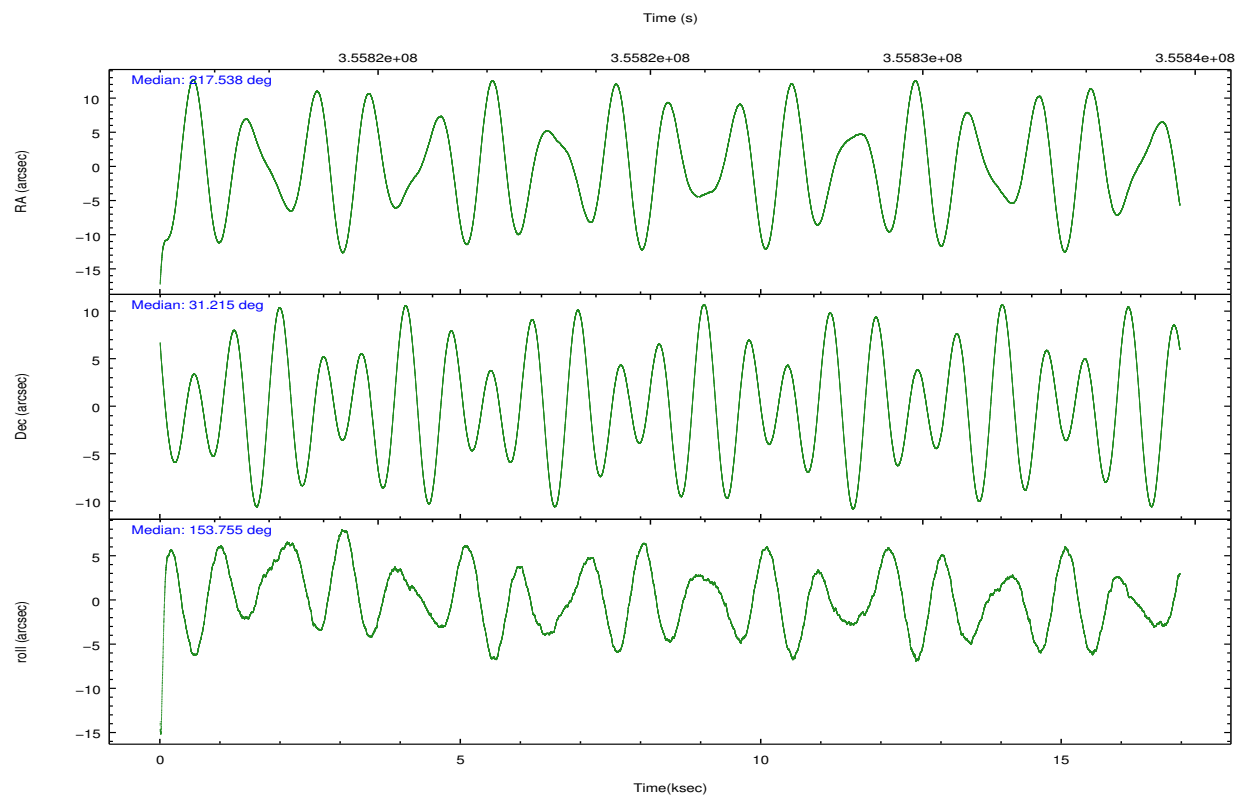
	ccd 7
grade 0 events	3932
	5%
grade 1 events	102
	0%
grade 2 events	7873
	11%
grade 3 events	3858
	5%
grade 4 events	3868
	5%
grade 5 events	7437
	10%
grade 6 events	16877
	24%
grade 7 events	26125
	37%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	217.569560	217.5376832814971	Subarray requested	CUSTOM	1/2
[deg] Pointing Dec	31.217252	31.21508919990257	Subarray start row	257	257
[deg] Pointing Roll	153.586431	153.7595602784627	Subarray row count	512	512
[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	1.5
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	355817040.184000	355815973.23981			
Observation start date	2009-04-11T06:02:54	2009-04-11T05:46:13			
[s] Observation end time (MET)	355833840.184000	355834733.30324			
Observation end date	2009-04-11T10:42:54	2009-04-11T10:58:53			
Read mode	TIMED	TIMED			

2.3 Aspect



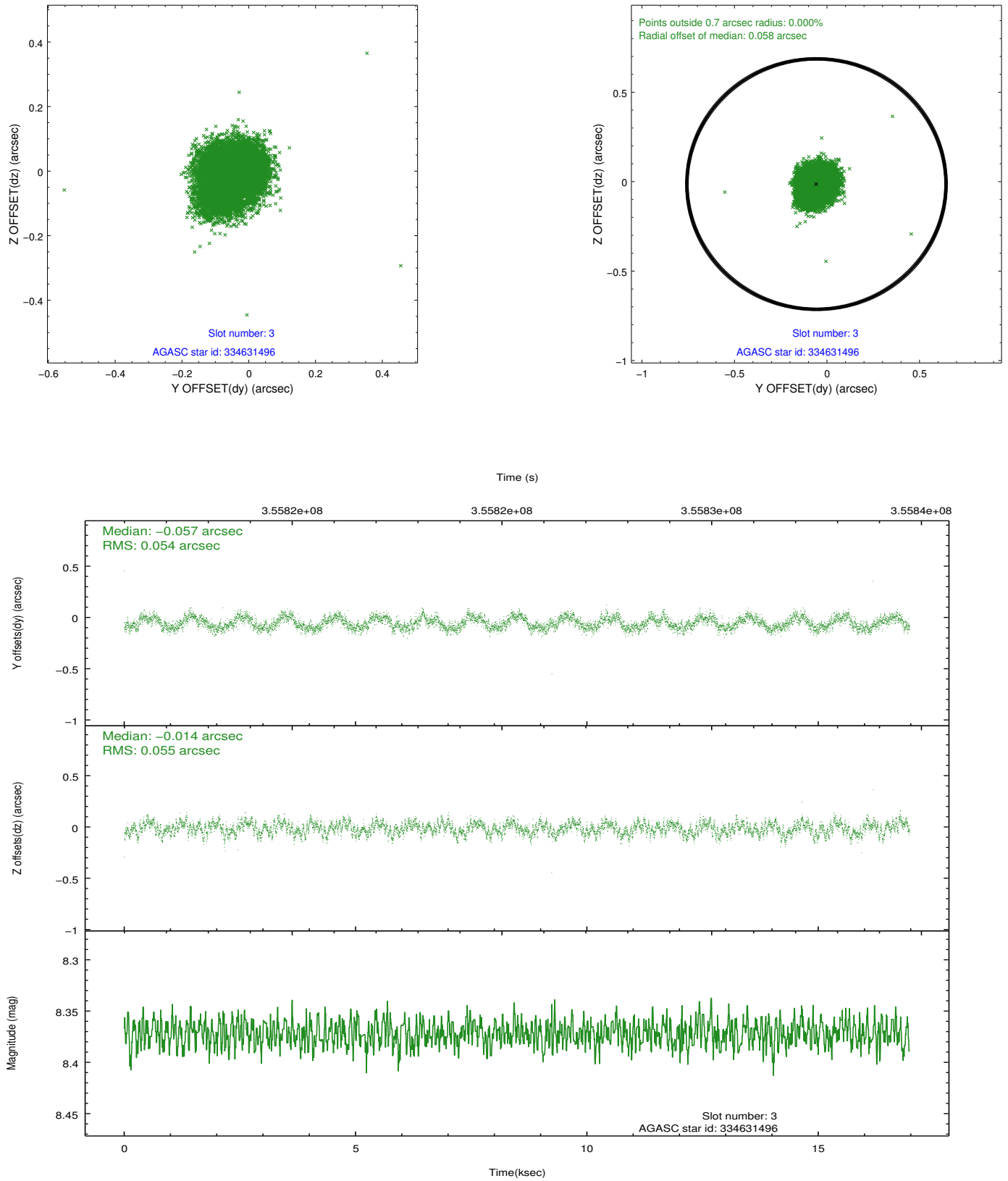


Slot Statistics

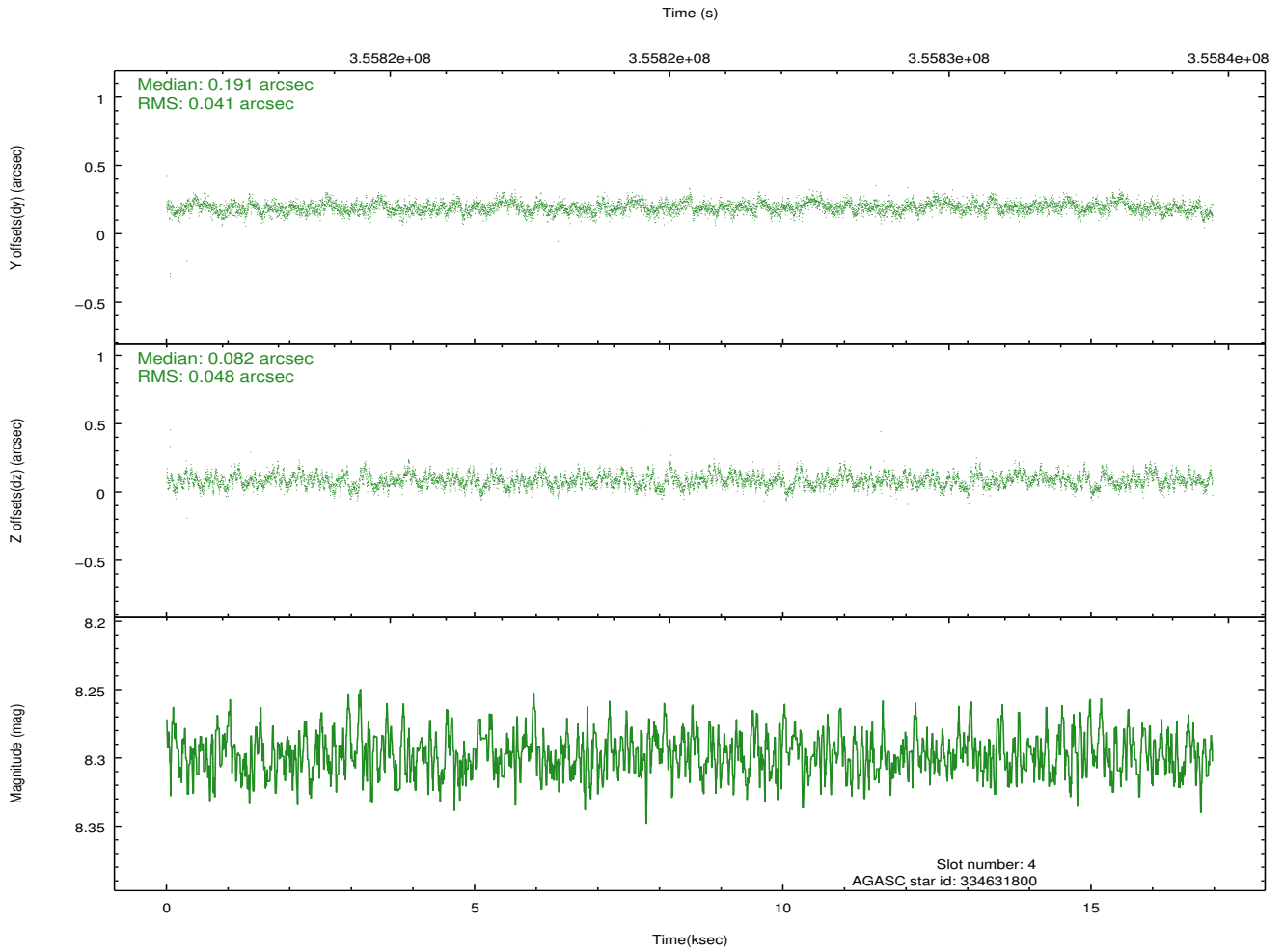
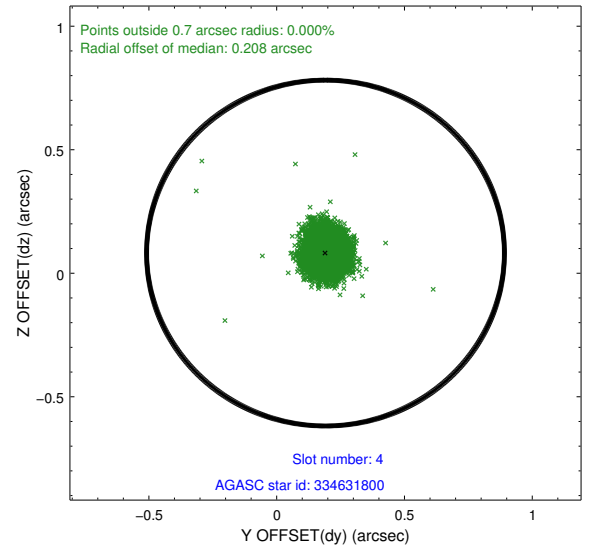
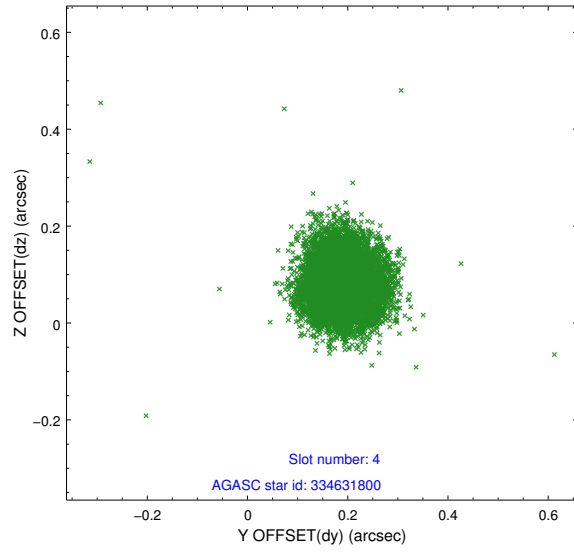
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.89	4140	-0.060	-0.014	0.020	0.031	0.000000	0.000000	-766.88	-1737.19
1	FID	ACIS-S-4	6.98	4140	0.188	0.033	0.018	0.032	0.000000	0.000000	2146.51	171.11
2	FID	ACIS-S-5	7.00	4140	-0.159	-0.009	0.008	0.017	0.000000	0.000000	-1819.52	164.99
3	GUIDE	334631496	8.37	8278	-0.057	-0.014	0.084	0.126	217.952830	31.321076	-888.17	-860.73
4	GUIDE	334631800	8.30	8276	0.191	0.082	0.066	0.106	217.328992	31.010069	333.51	997.74
5	GUIDE	334632576	8.02	8275	-0.211	-0.139	0.079	0.124	217.366191	30.679759	-295.83	2012.73
6	GUIDE	334635168	8.86	8272	0.094	0.020	0.085	0.143	217.916092	30.743284	-1718.45	1050.13
7	GUIDE	334633984	9.26	8270	-0.018	0.052	0.082	0.132	218.362497	31.122969	-2335.28	-790.70

2.4 Star Slots

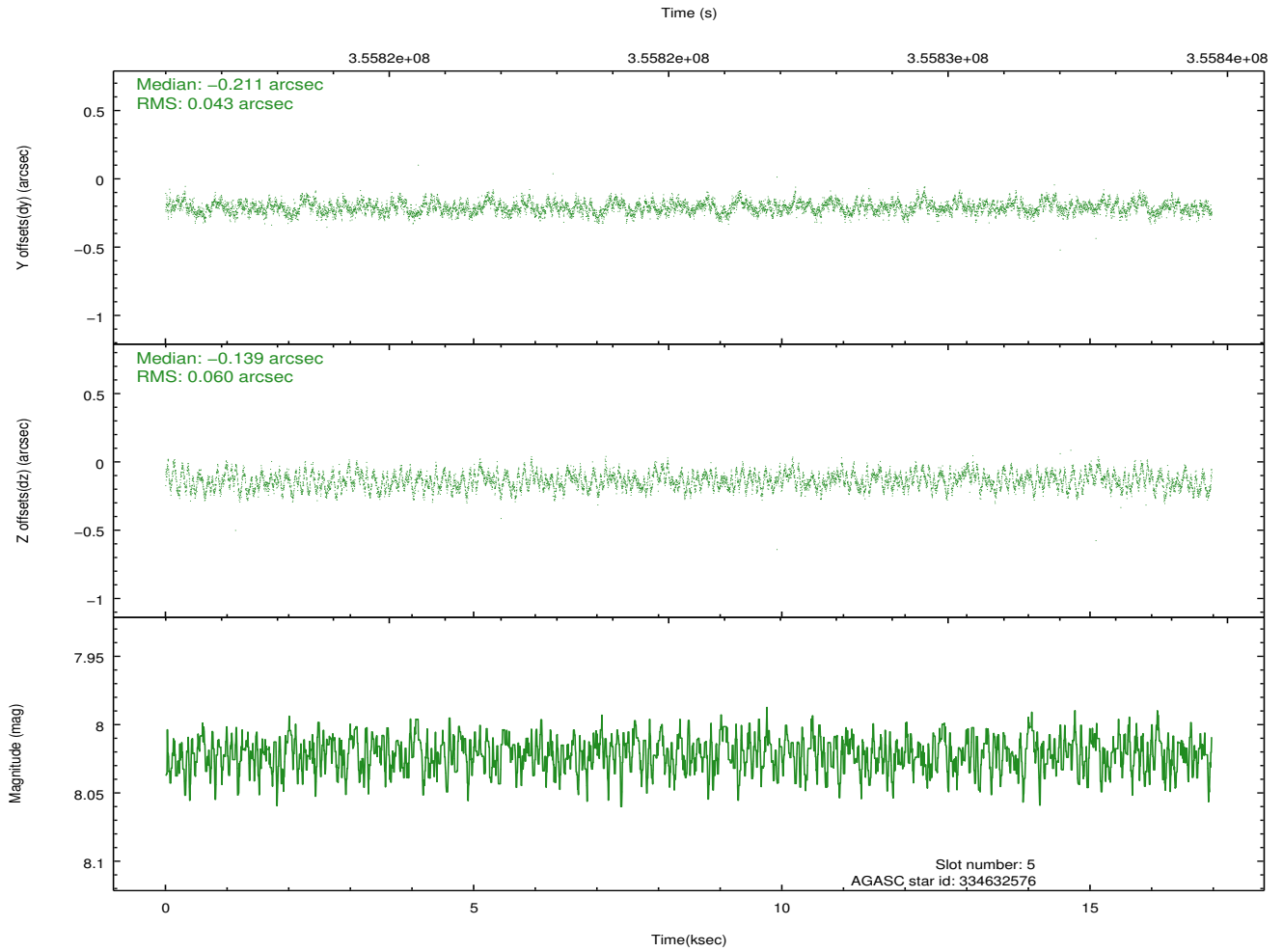
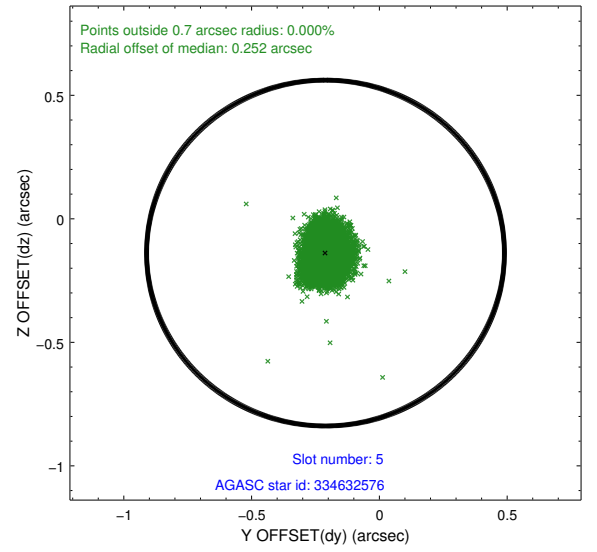
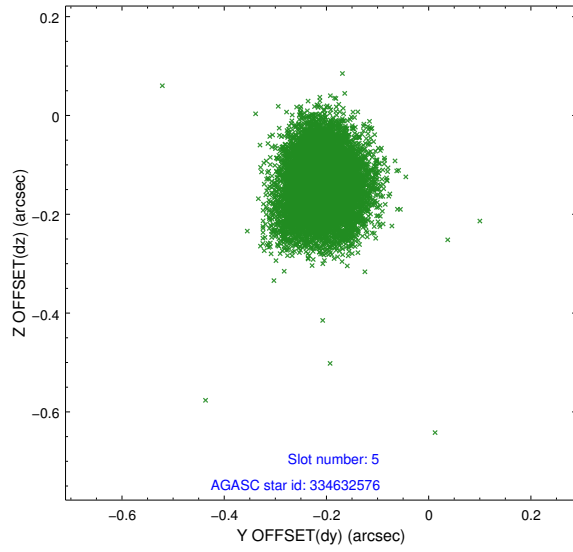
2.4.1 Slot 3



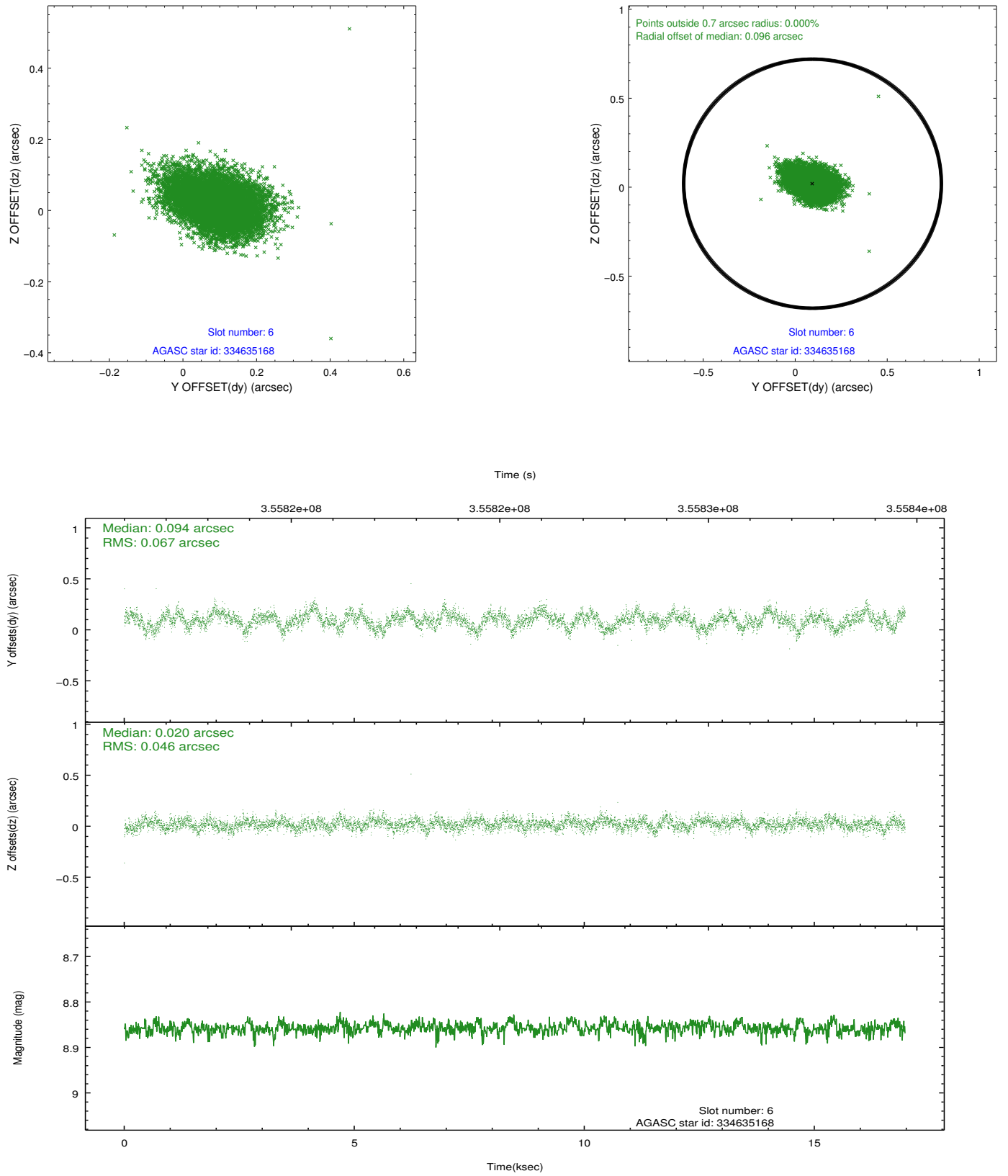
2.4.2 Slot 4



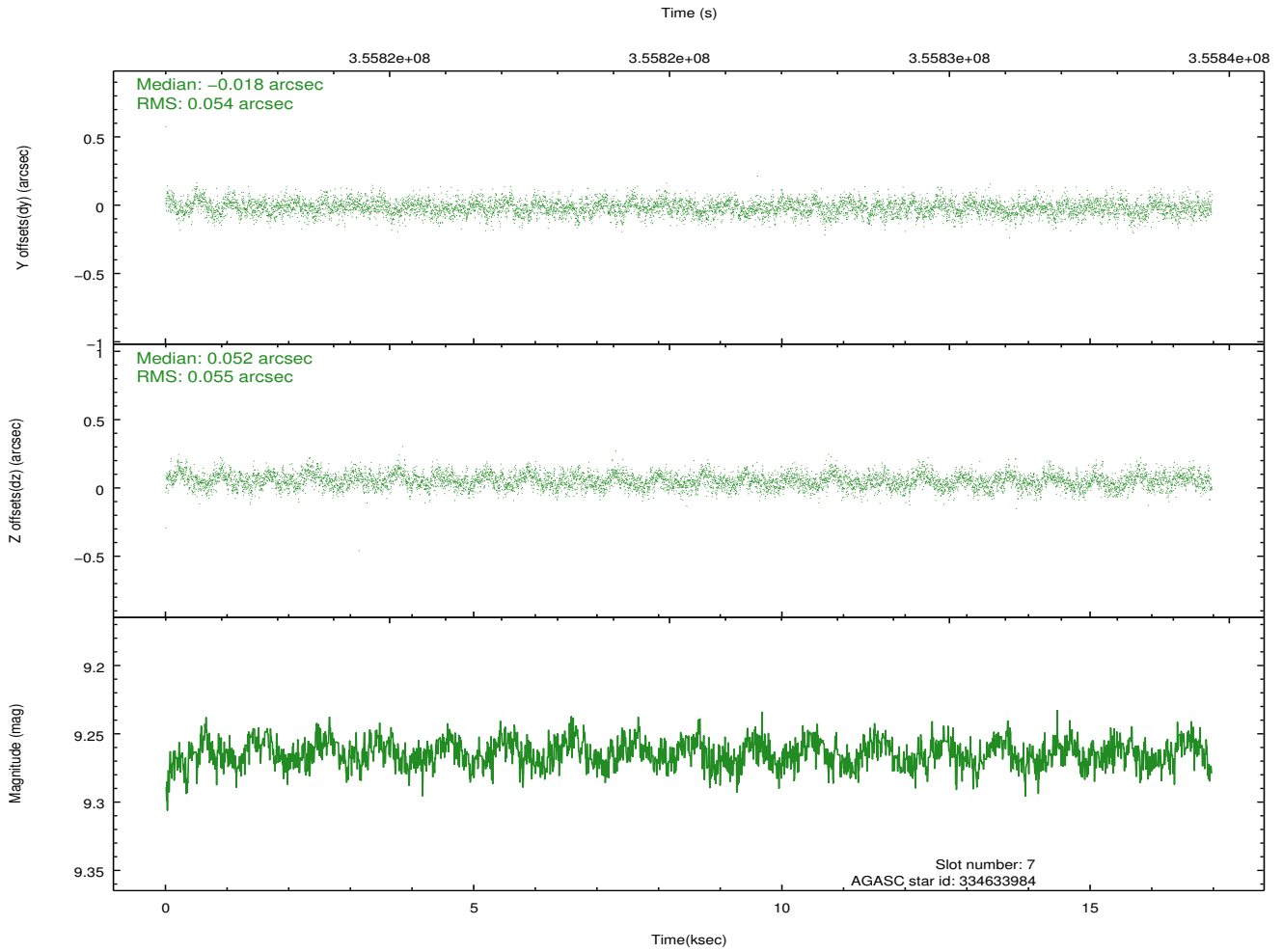
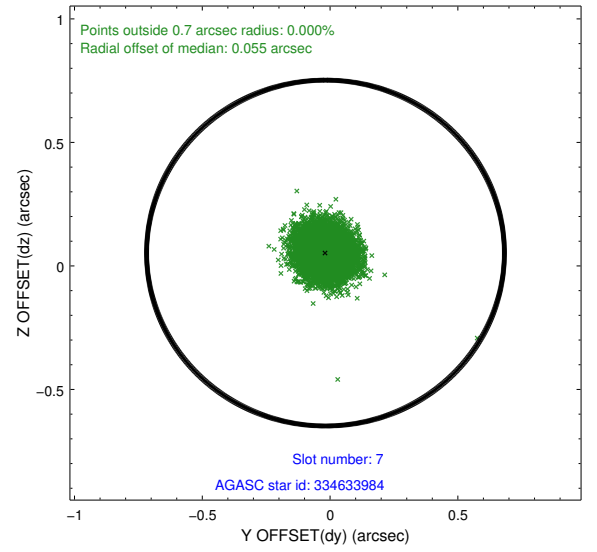
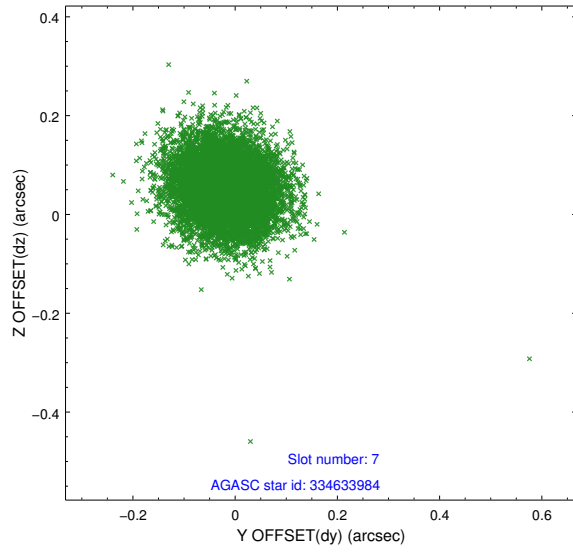
2.4.3 Slot 5



2.4.4 Slot 6

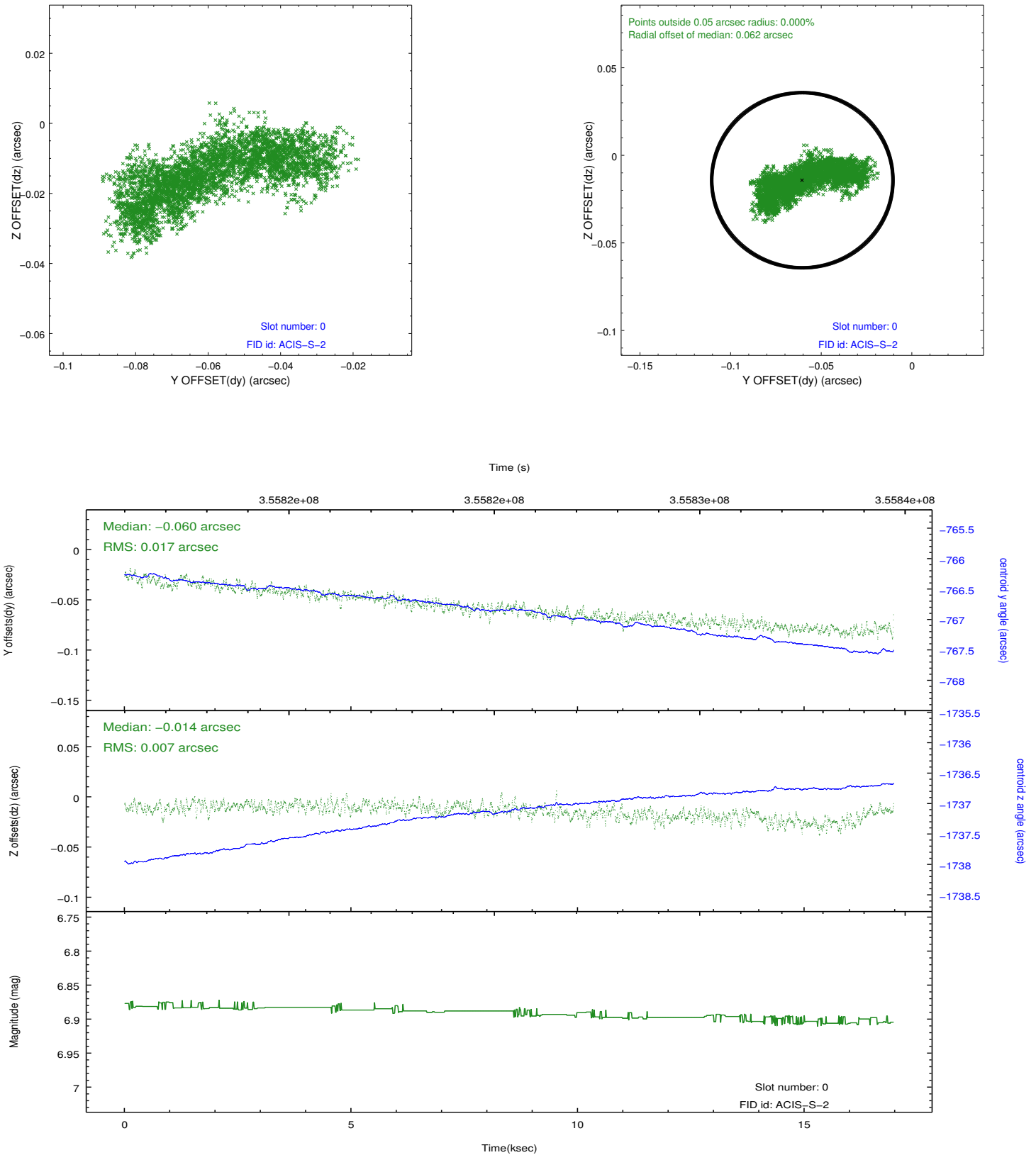


2.4.5 Slot 7

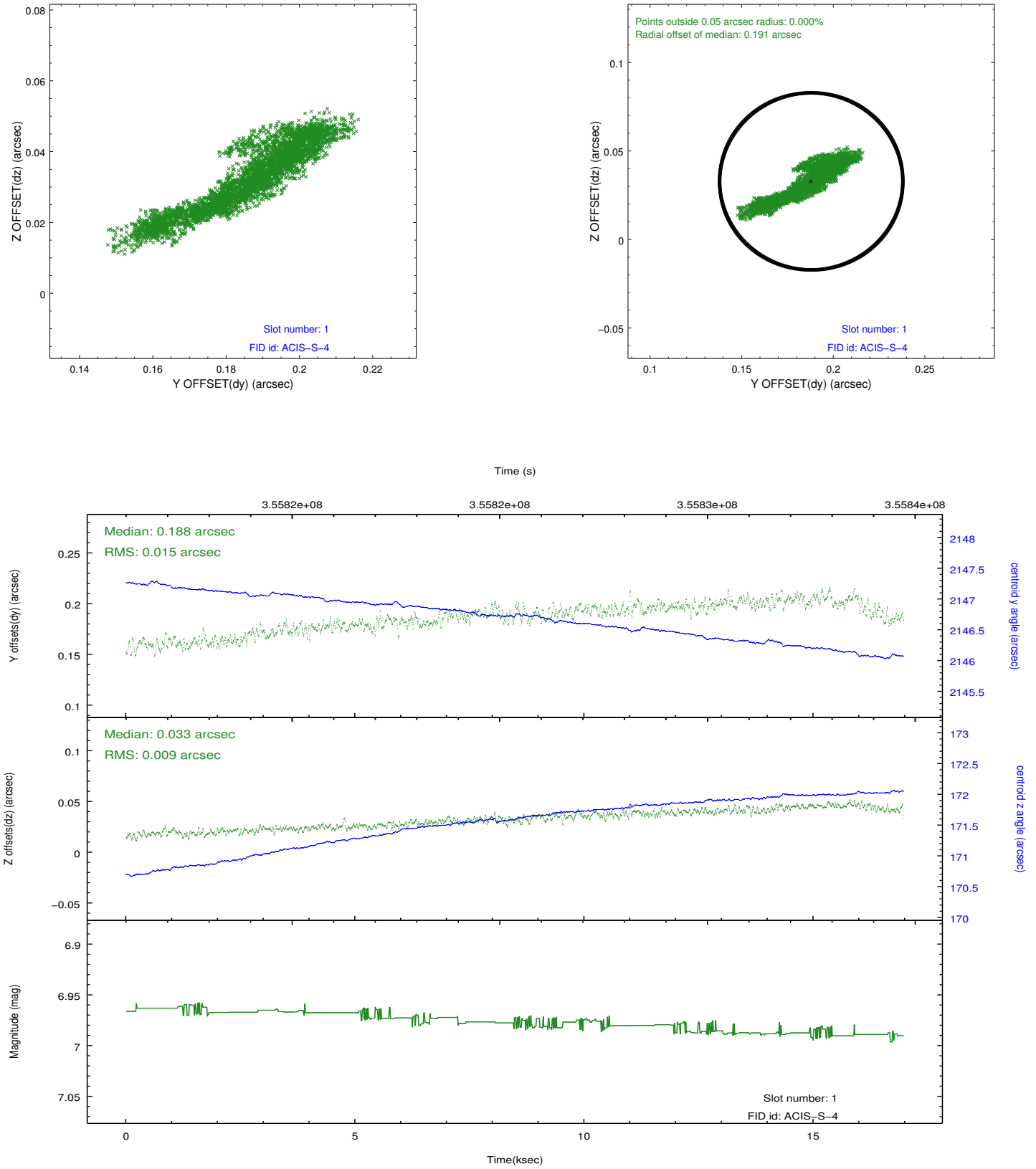


2.5 FID Slots

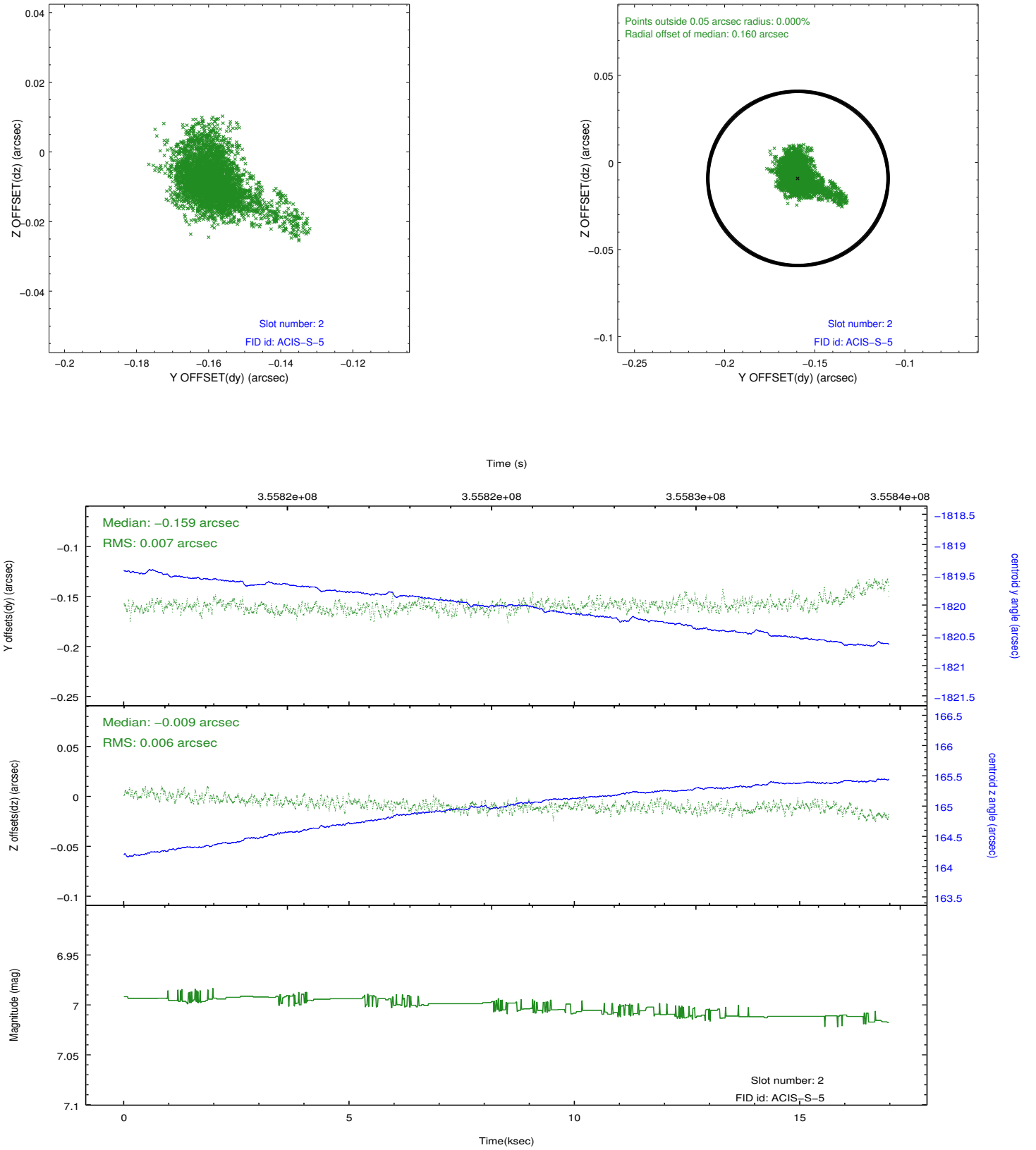
2.5.1 Slot 0



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)	2012.06.07
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	16.9695

A.2 Comments