

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 5652 - L2 Version 3
Chandra X-Ray Center

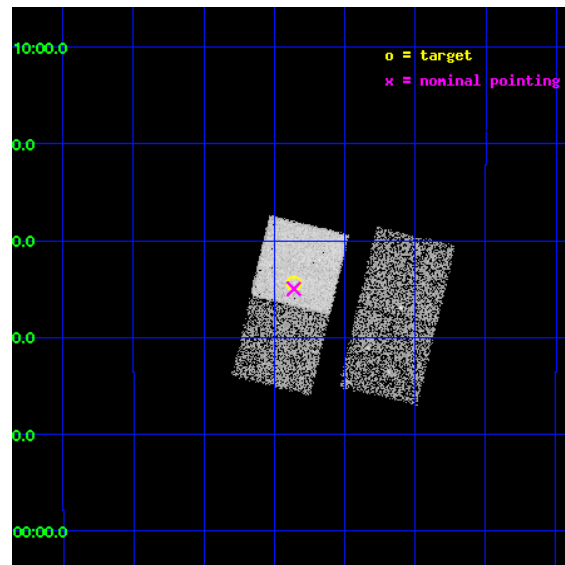
L2 Processing Date : Dec 16 2012

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1 Front

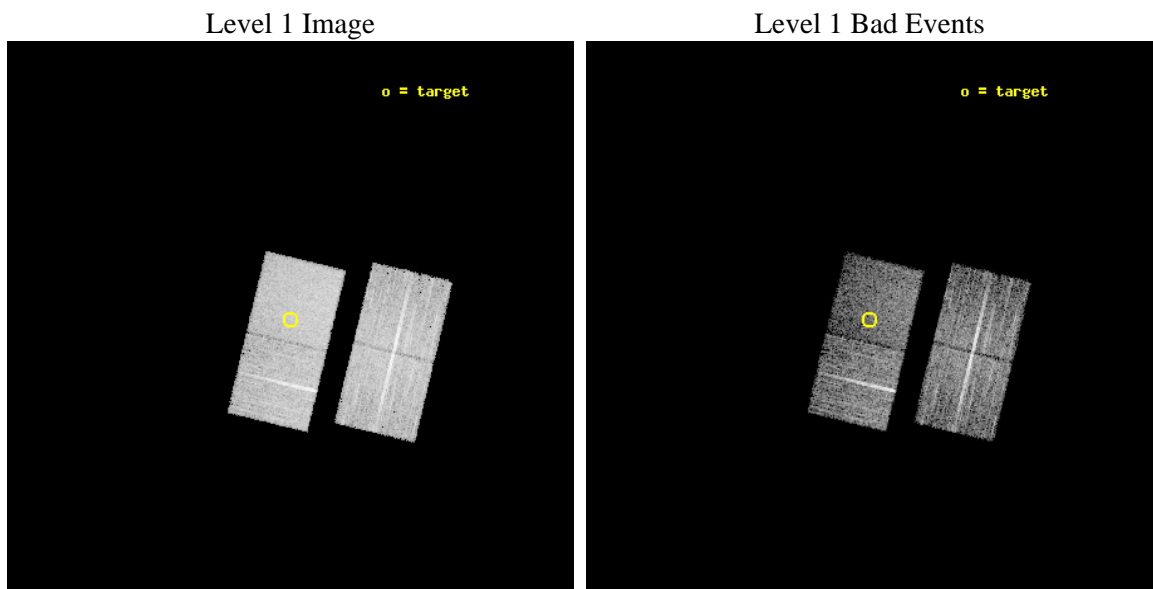
seq_num	701075	Sequence number
obs_id	5652	Observation id
title	The Spectral Energy Distribution and Fe II Emission in Intermediate-Redshift Narrow-line Seyfert 1 Galaxies	Proposal title
observer	Dr. Karen Leighly	Principal investigator
object	SDSS J011651.54-103424.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	19.214583	Observer's specified target RA [deg]
dec_targ	-10.573417	Observer's specified target Dec [deg]
ra_nom	19.215199876125	Nominal RA [deg]
dec_nom	-10.583100340472	Nominal Dec [deg]
roll_nom	283.52236117565	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8456.7999837101	Sum of GTIs [s]
livetime	8346.3056661173	Livetime [s]
ontime2	8453.6590134501	Sum of GTIs [s]
ontime3	8456.7999837101	Sum of GTIs [s]
ontime6	8456.7999837101	Sum of GTIs [s]
ontime7	8456.7999837101	Sum of GTIs [s]
l2events	37954	Number of level 2 events



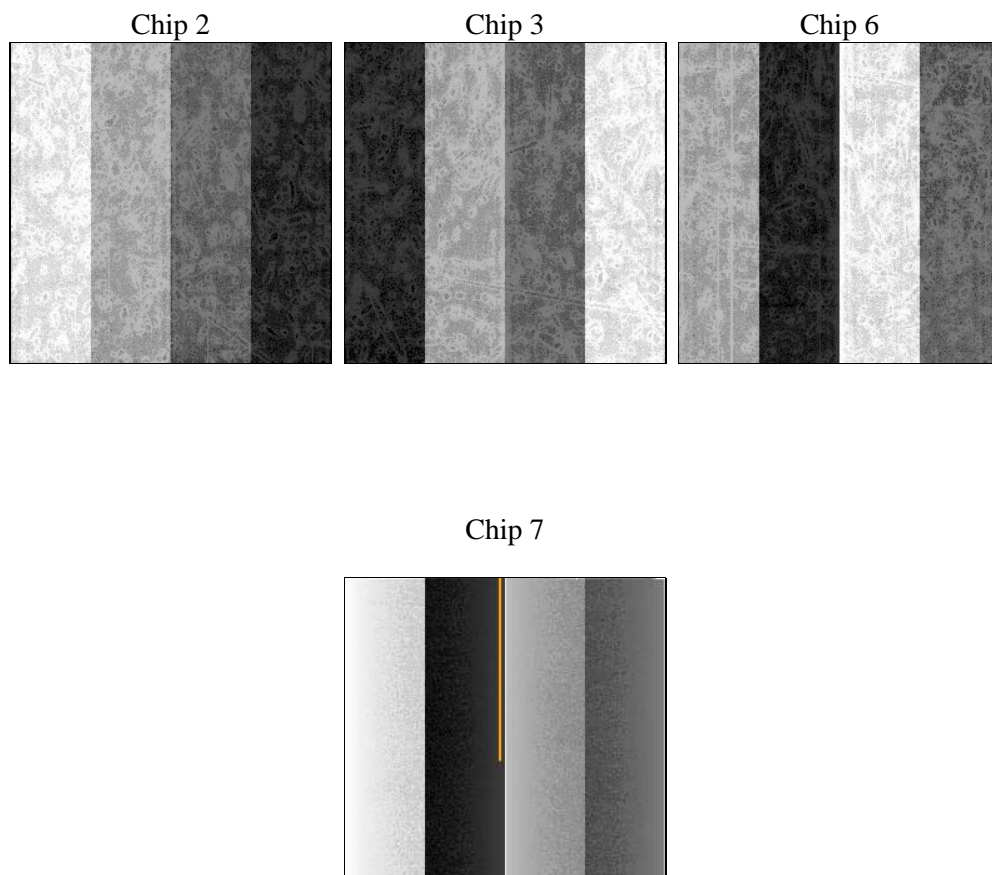
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8300.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	8456.7999837101	Sum of GTIs [s]
caldsver	4.5.5	 	ontime2	8453.6590134501	Sum of GTIs [s]
date	2012-12-17T01:59:30	Date and time of file creation	ontime3	8456.7999837101	Sum of GTIs [s]
revision	3	Processing version of data	ontime6	8456.7999837101	Sum of GTIs [s]
			ontime7	8456.7999837101	Sum of GTIs [s]
			l1events	214001	Number of level 1 events

2.1.4 Events

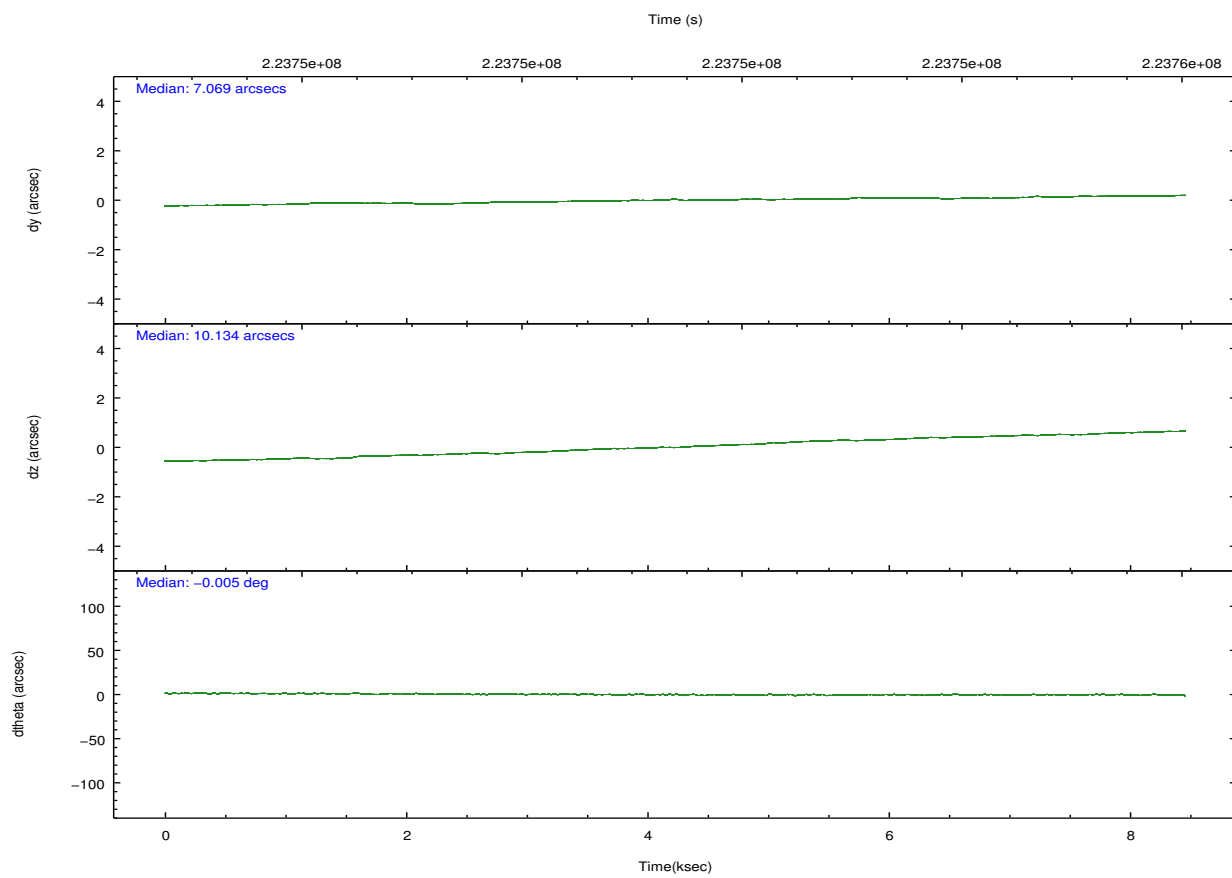
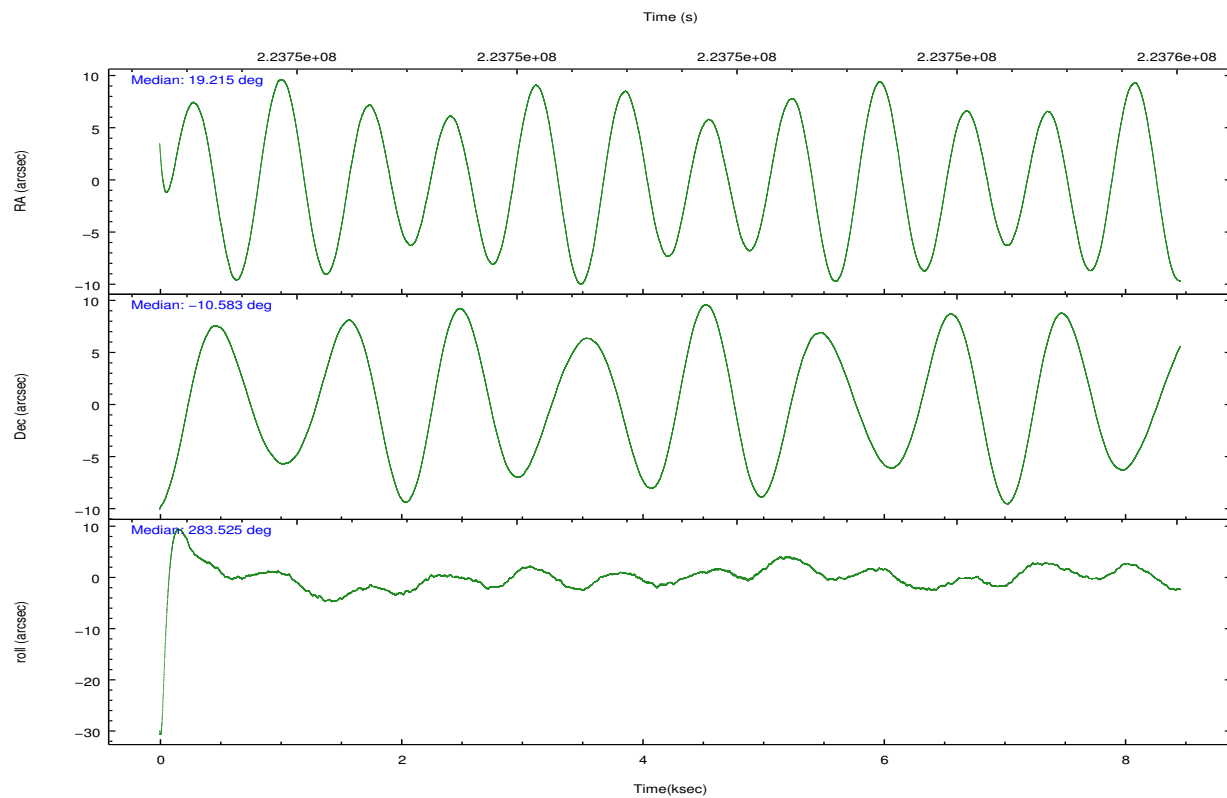
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	53173	49904	52484	58440
rejected events	48175	45048	47028	32765
rejected %	90%	90%	89%	56%

	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1917	1845	1910	2362
	3%	3%	3%	4%
grade 1 events	27	19	12	58
	0%	0%	0%	0%
grade 2 events	1207	1014	1247	5362
	2%	2%	2%	9%
grade 3 events	497	601	601	2505
	0%	1%	1%	4%
grade 4 events	580	593	628	2432
	1%	1%	1%	4%
grade 5 events	1727	2029	2071	6283
	3%	4%	3%	10%
grade 6 events	937	983	1237	13811
	1%	1%	2%	23%
grade 7 events	46281	42820	44778	25627
	87%	85%	85%	43%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	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	19.195818	19.21519987612495	Subarray requested	NONE	NONE
[deg] Pointing Dec	-10.563580	-10.58310034047181	Alternating exposures requested	N	N
[deg] Pointing Roll	283.362242	283.5223611756506	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	223747323.184000	223746260.32682			
Observation start date	2005-02-02T16:00:59	2005-02-02T15:44:20			
[s] Observation end time (MET)	223755623.184000	223756444.21478			
Observation end date	2005-02-02T18:19:19	2005-02-02T18:34:04			
Read mode	TIMED	TIMED			

2.3 Aspect

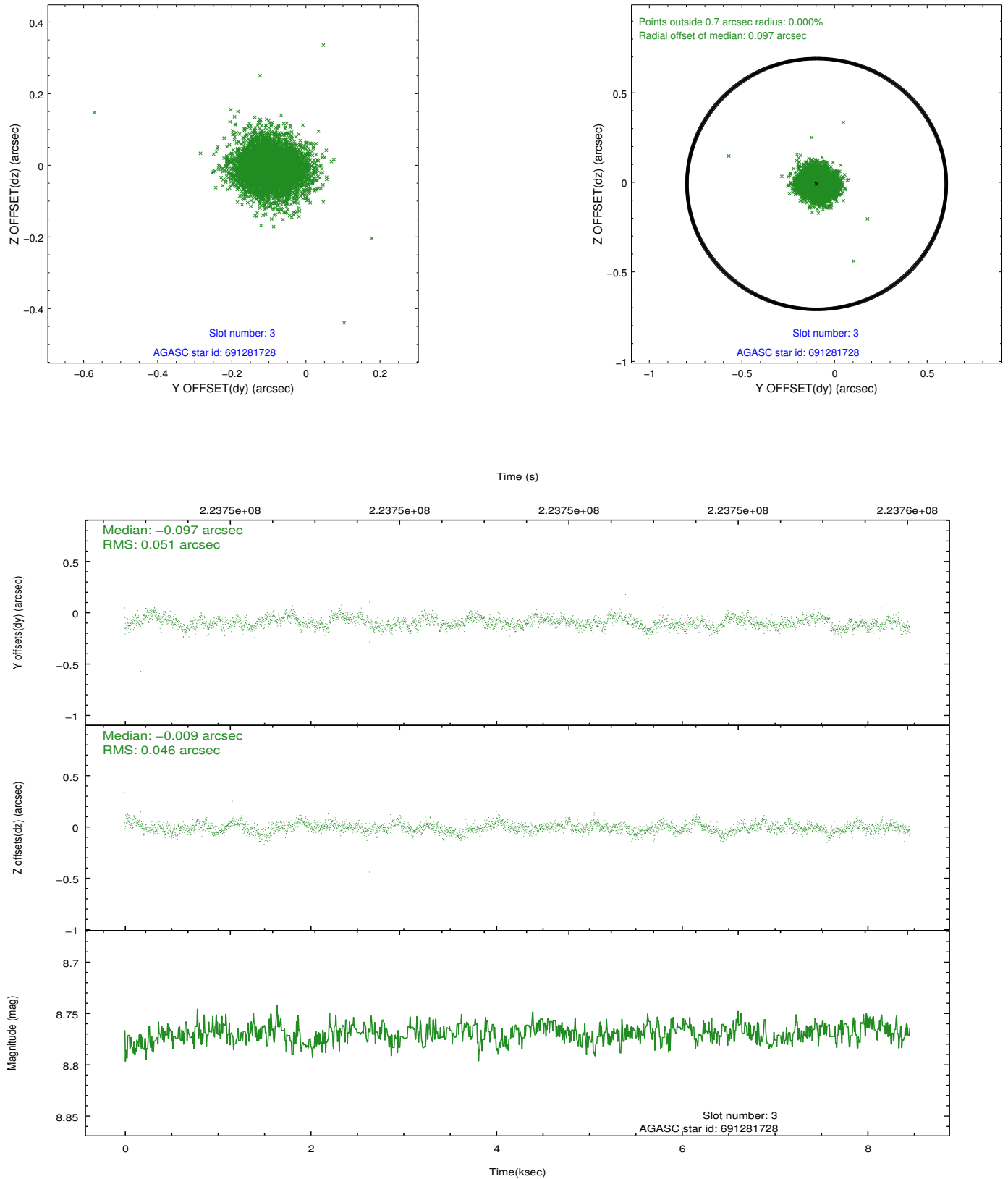


Slot Statistics

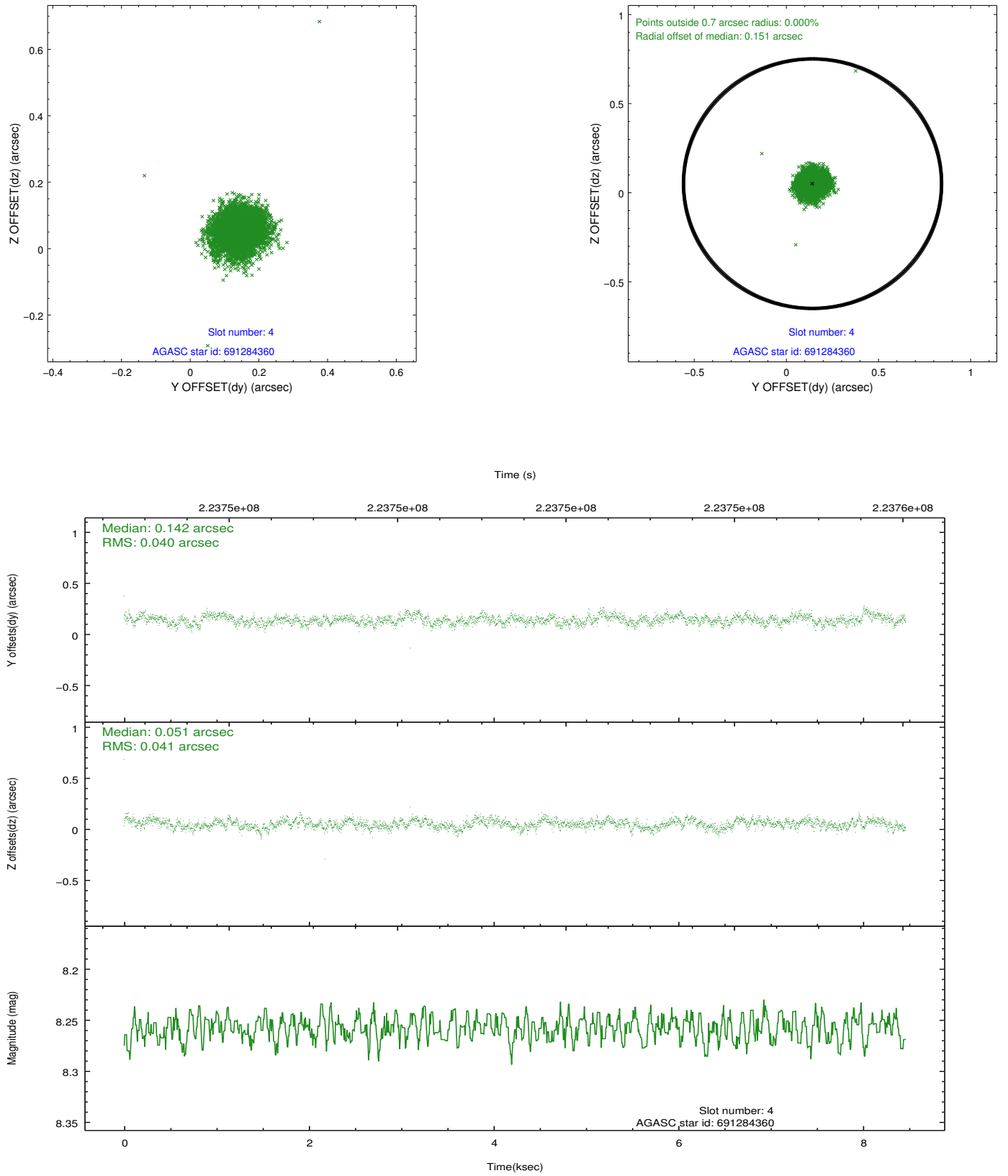
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	2064	-0.053	-0.024	0.009	0.015	0.000000	0.000000	-759.82	-1731.40
1	FID	ACIS-S-4	7.20	2063	0.093	0.032	0.006	0.010	0.000000	0.000000	2153.26	176.52
2	FID	ACIS-S-5	7.23	2064	-0.072	0.001	0.009	0.014	0.000000	0.000000	-1811.88	170.82
3	GUIDE	691281728	8.77	4126	-0.097	-0.009	0.073	0.117	19.311495	-9.965528	-1999.99	896.85
4	GUIDE	691284360	8.26	4129	0.142	0.051	0.059	0.094	19.742053	-10.974282	1886.02	1535.91
5	GUIDE	691285568	9.41	4129	-0.045	0.104	0.098	0.159	19.492572	-9.941300	-1935.59	1542.00
6	GUIDE	691286168	8.90	4127	-0.006	0.001	0.078	0.128	19.305023	-10.184322	-1239.59	692.68
7	GUIDE	691287264	9.31	4122	0.002	-0.149	0.078	0.126	19.210535	-10.267046	-1026.94	297.43

2.4 Star Slots

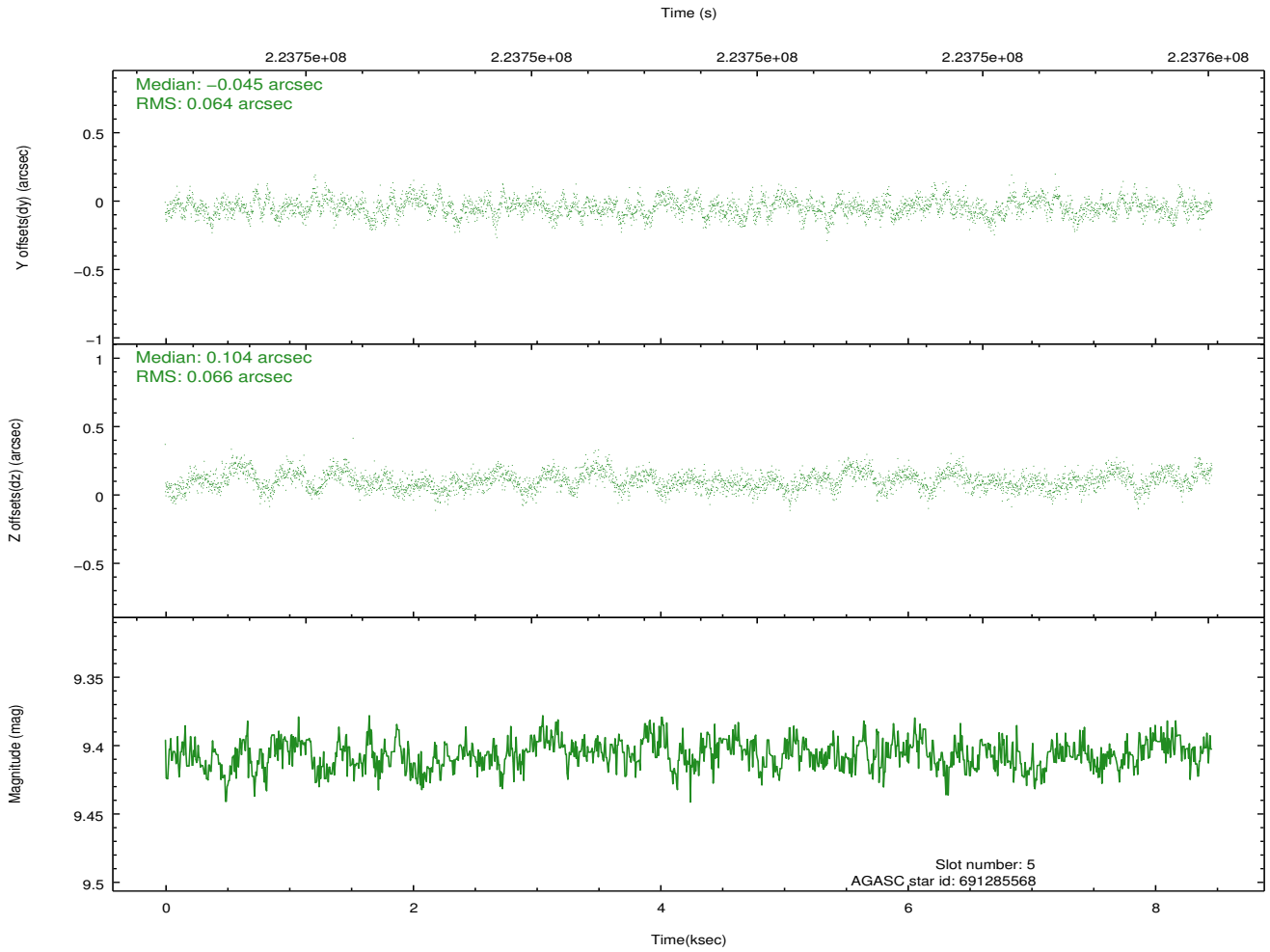
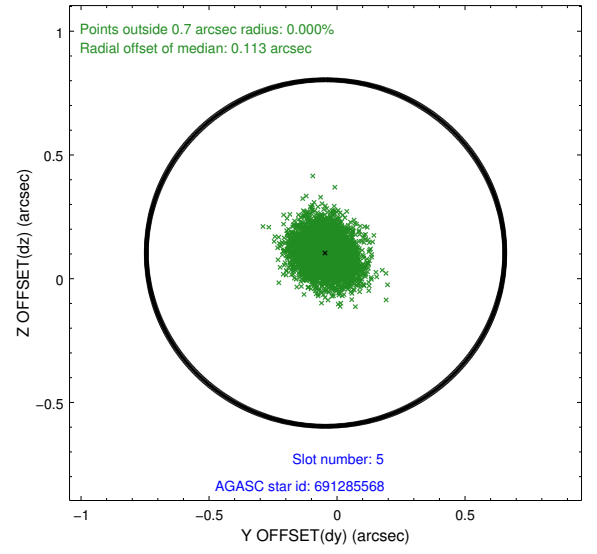
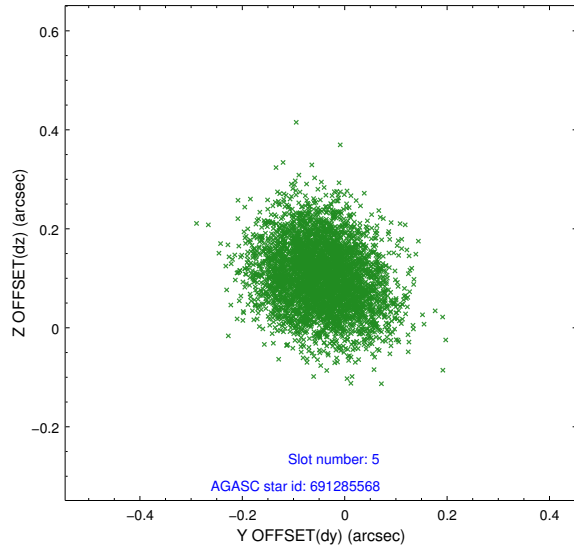
2.4.1 Slot 3



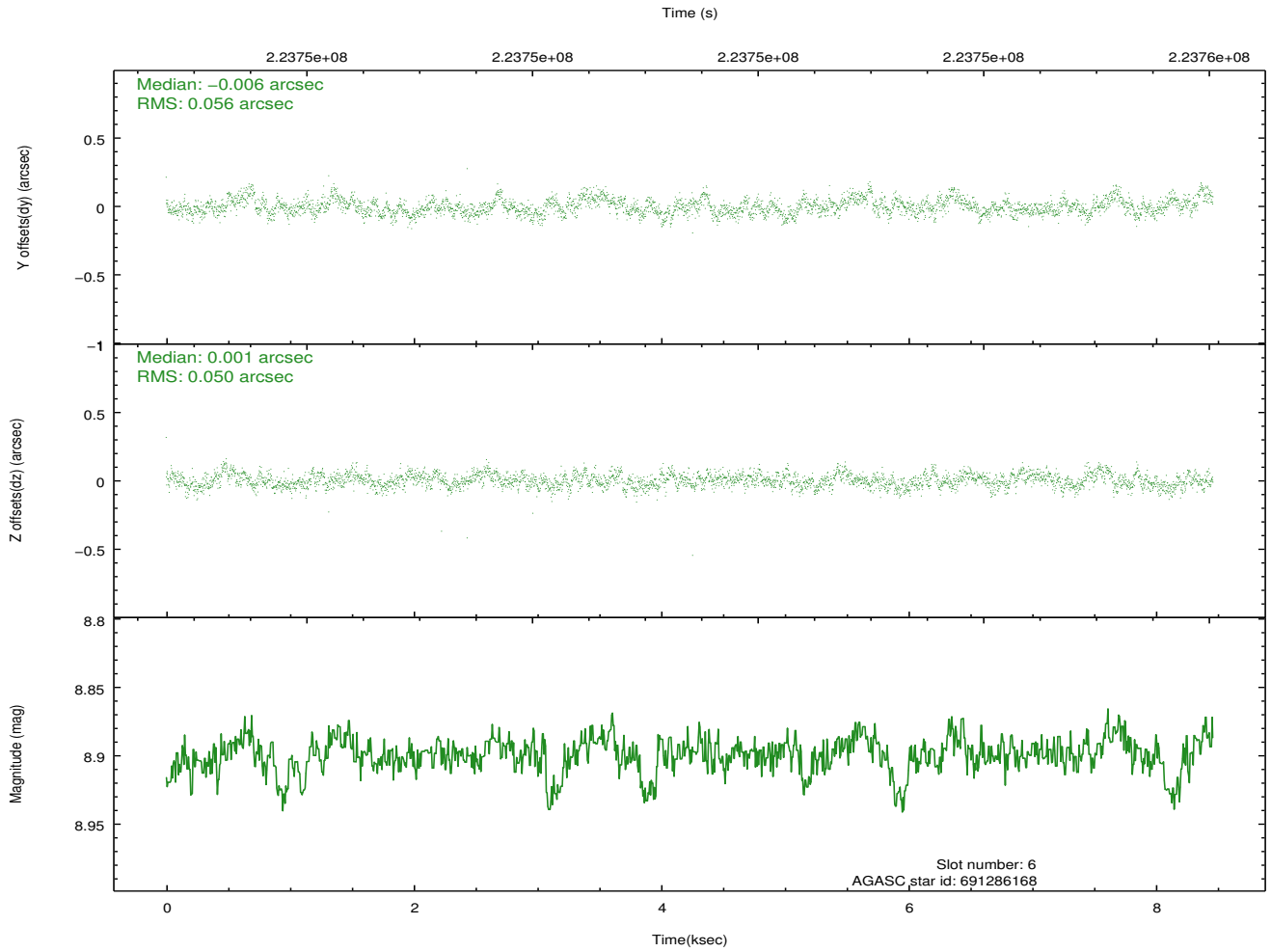
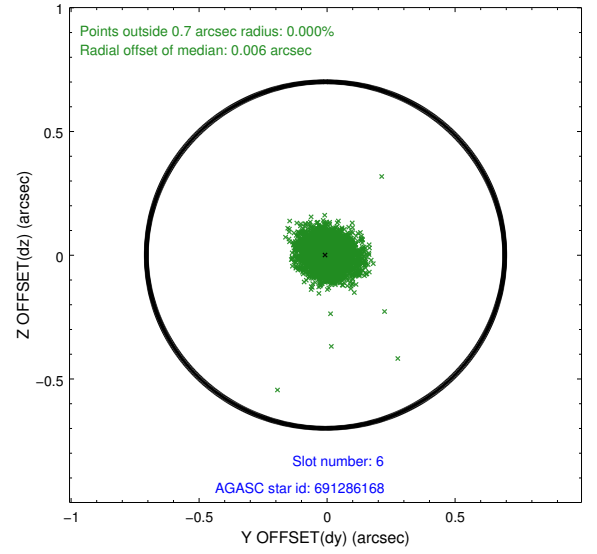
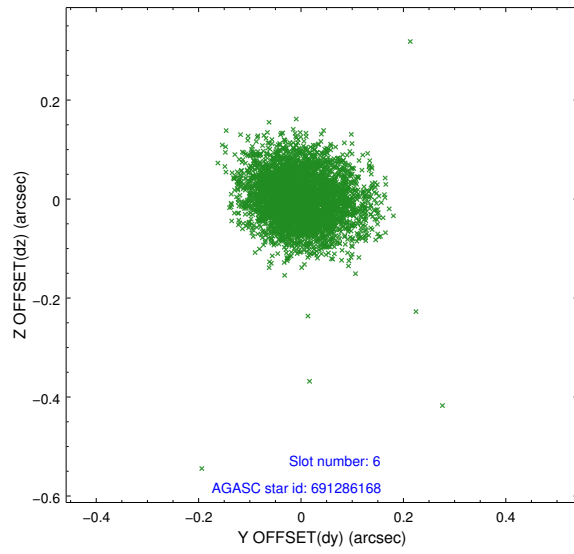
2.4.2 Slot 4



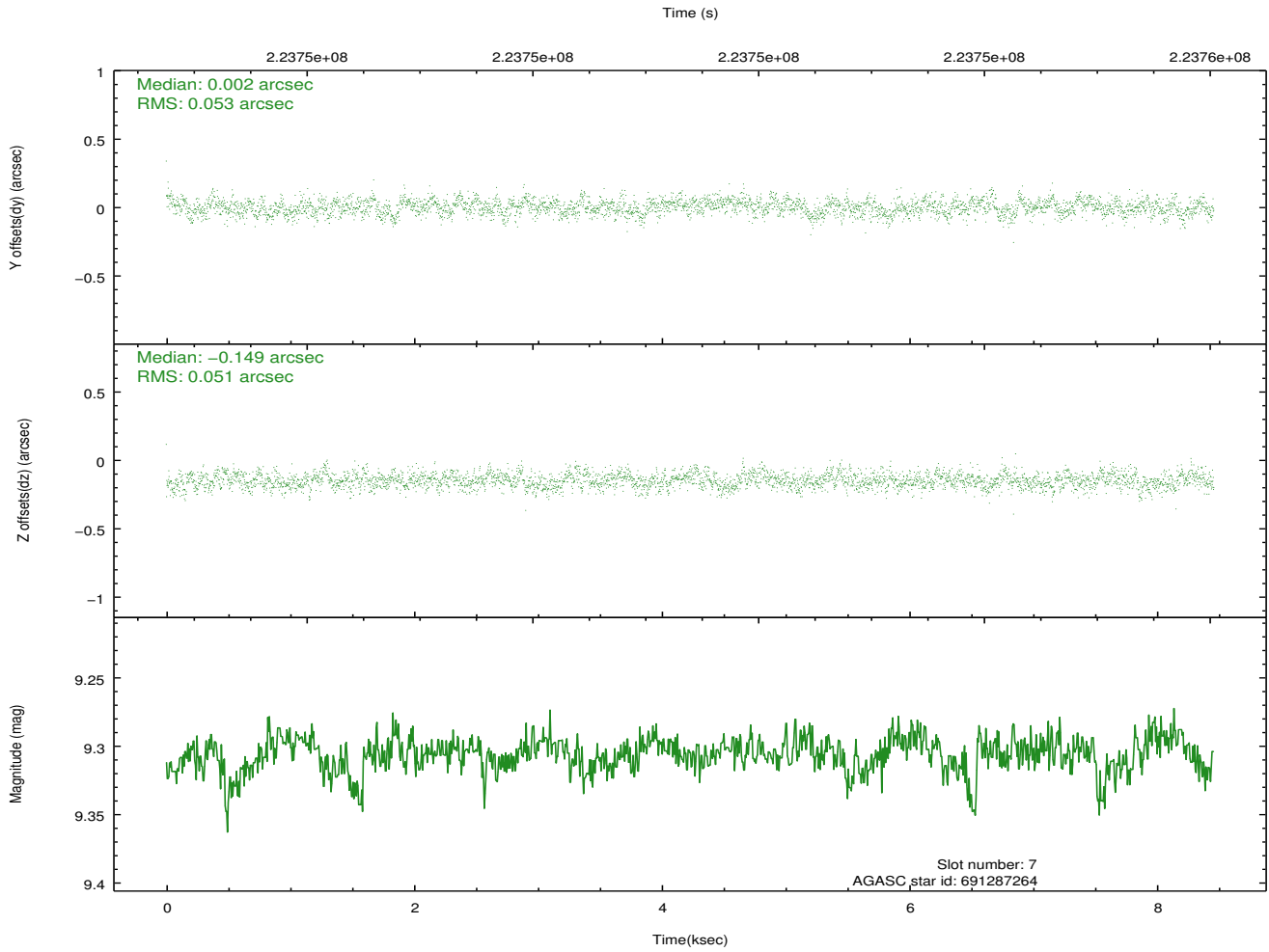
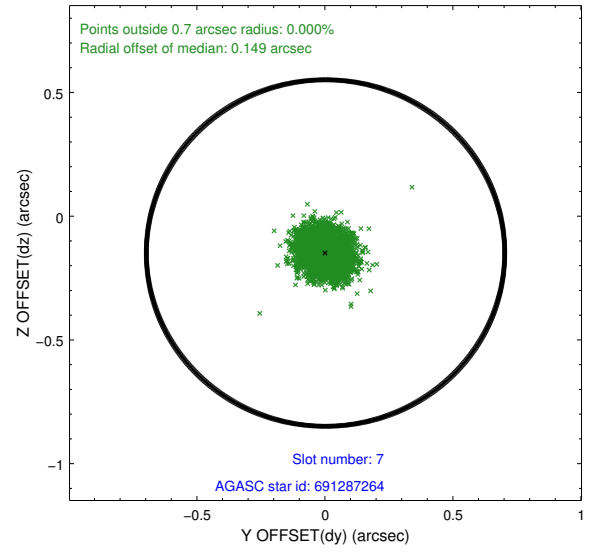
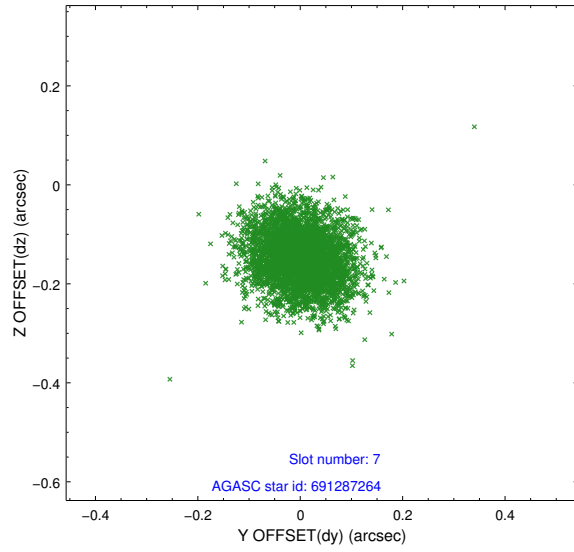
2.4.3 Slot 5



2.4.4 Slot 6

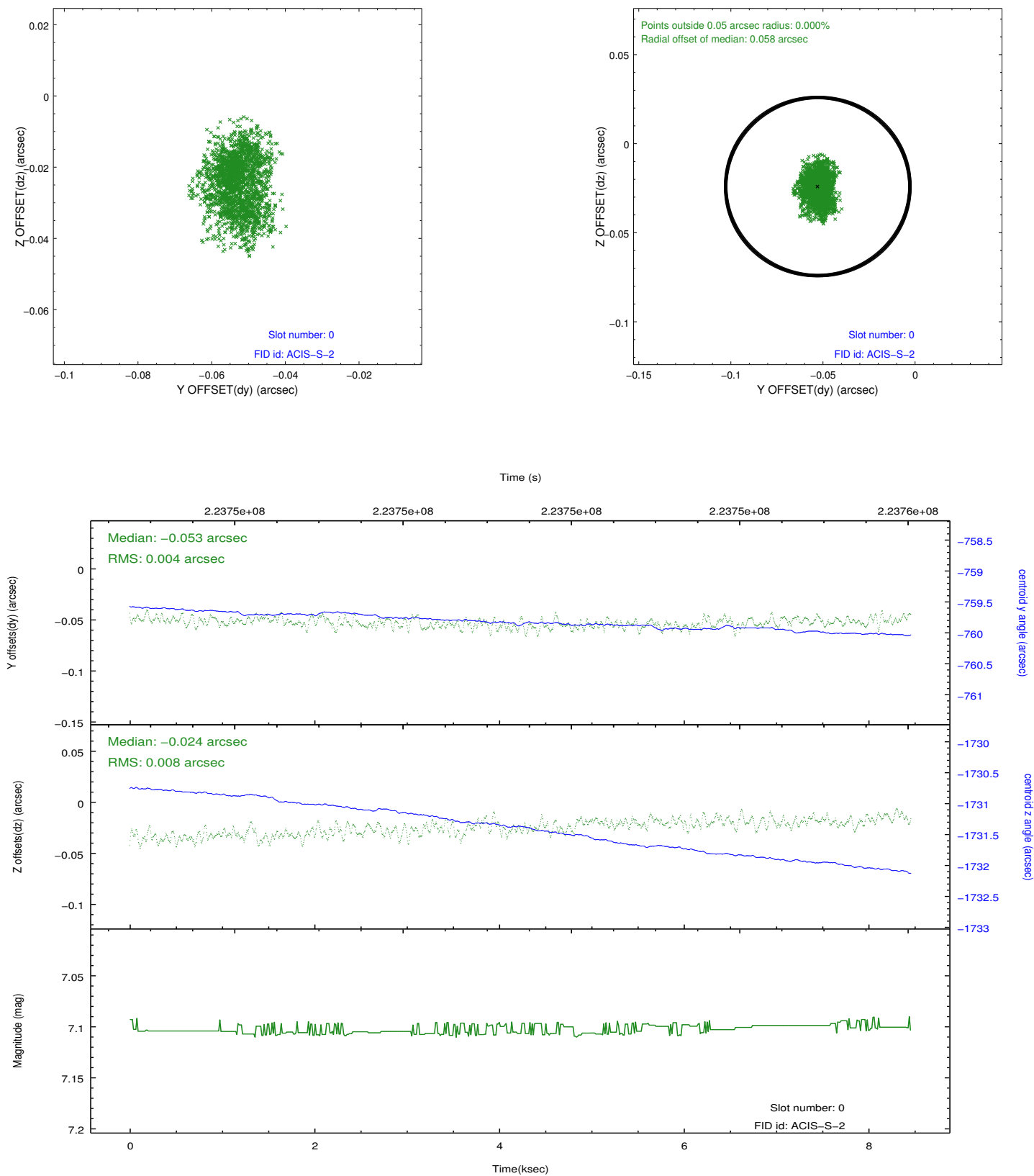


2.4.5 Slot 7

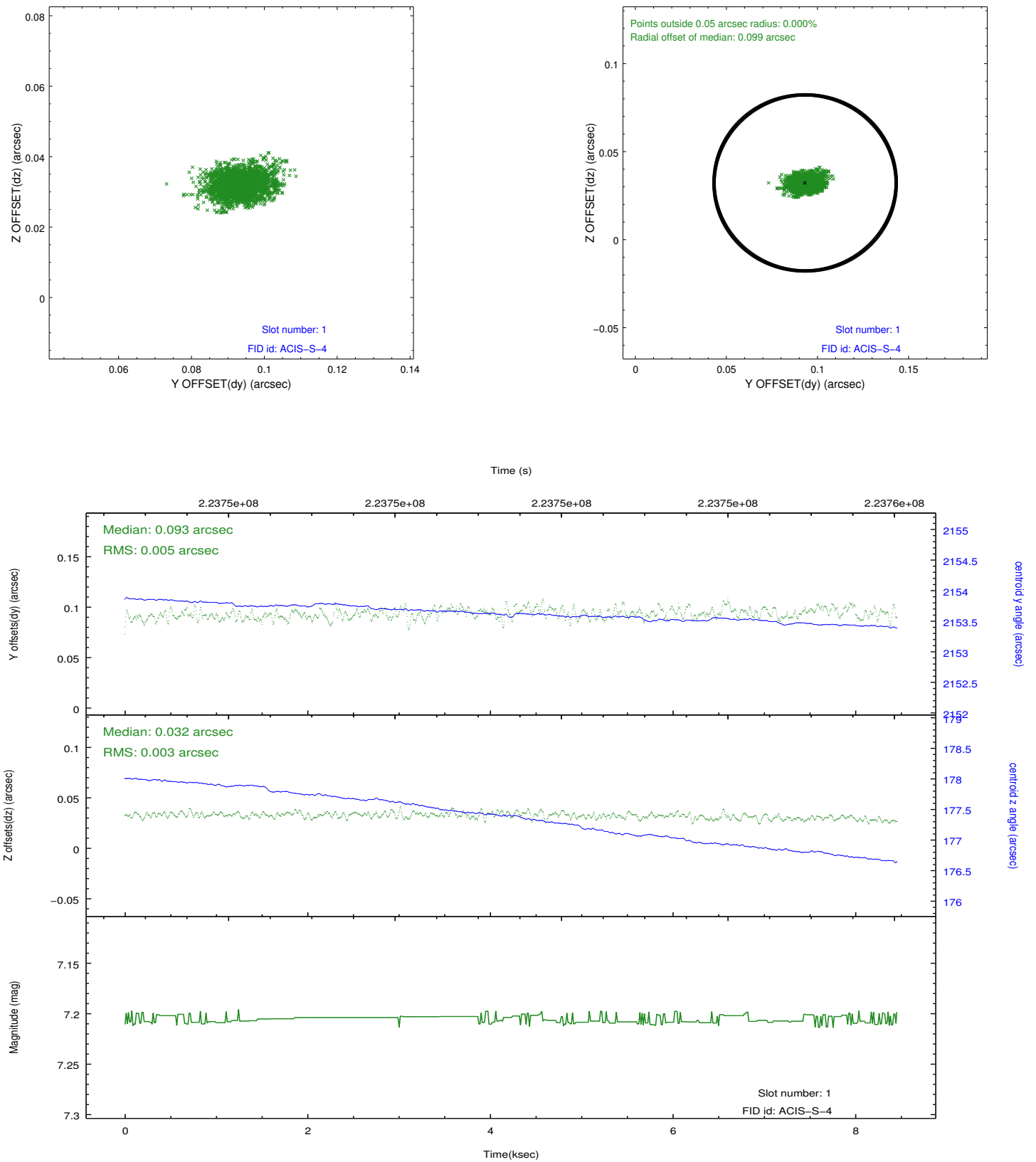


2.5 FID Slots

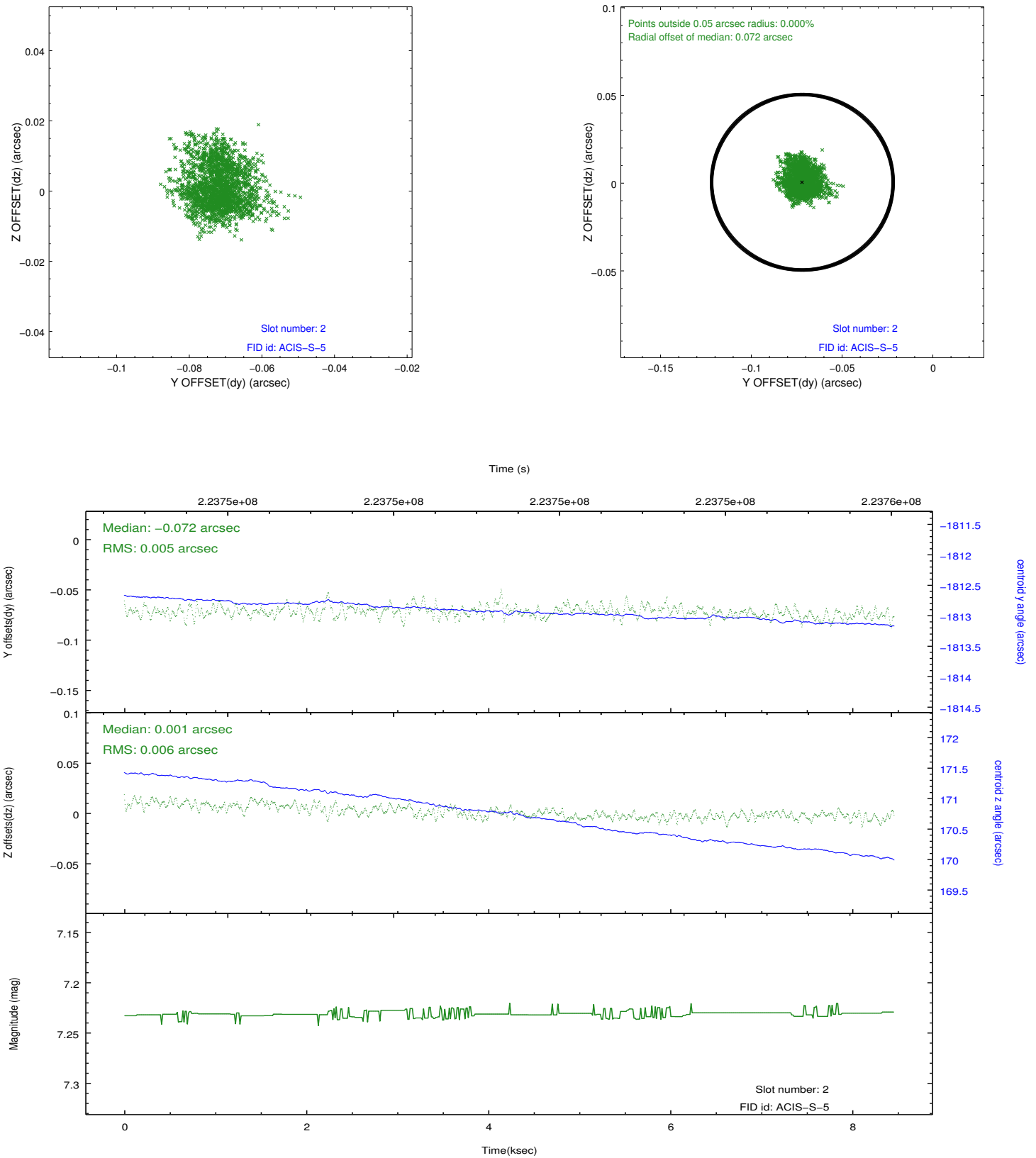
2.5.1 Slot 0



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)	2013.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.456799

A.2 Comments