

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5700 - L2 Version 2
Chandra X-Ray Center

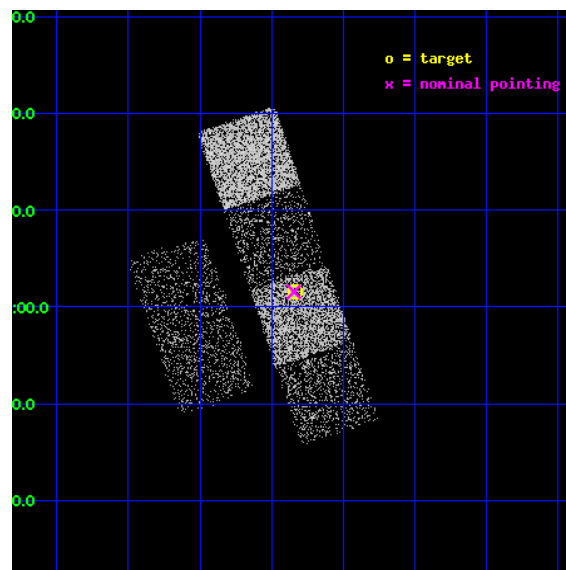
L2 Processing Date : Mar 26 2012

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1 Front

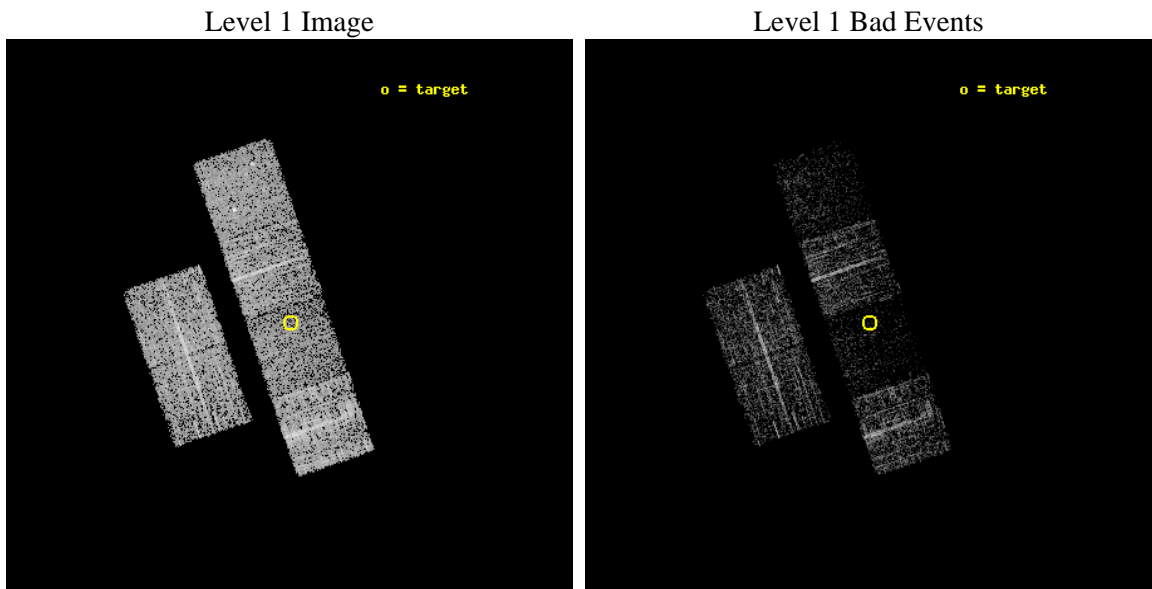
seq_num	701122	Sequence number
obs_id	5700	Observation id
title	A Uniform Chandra Survey of the Brightest and Most Extreme SDSS BALQSOs	Proposal title
observer	Dr. Scott Anderson	Principal investigator
object	SDSS J120550.19+020131.6	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	181.459167	Observer's specified target RA [deg]
dec_targ	2.025444	Observer's specified target Dec [deg]
ra_nom	181.46102935909	Nominal RA [deg]
dec_nom	2.0260350938929	Nominal Dec [deg]
roll_nom	71.33065079978	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2111.9999921322	Sum of GTIs [s]
livetime	2085.2565765381	Livetime [s]
ontime2	2111.9999921322	Sum of GTIs [s]
ontime3	2111.9999921322	Sum of GTIs [s]
ontime5	2111.9999921322	Sum of GTIs [s]
ontime6	2111.9999921322	Sum of GTIs [s]
ontime7	2111.9999921322	Sum of GTIs [s]
ontime8	2105.5180316269	Sum of GTIs [s]
l2events	13651	Number of level 2 events



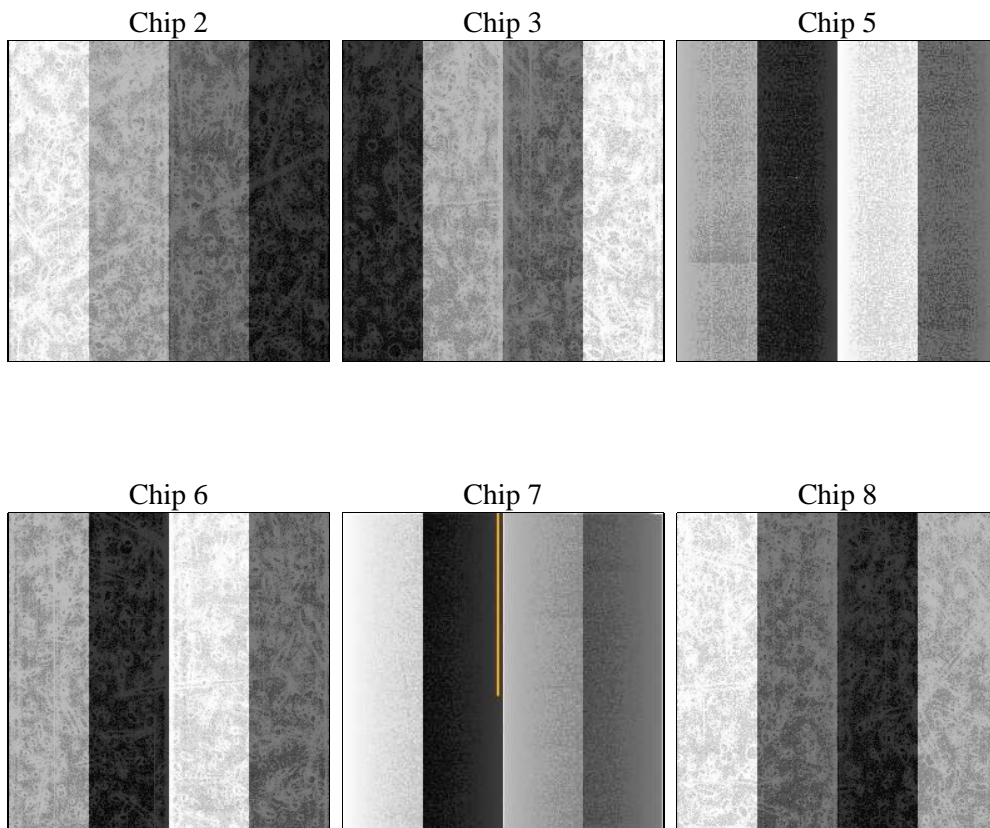
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	2111.9999921322	Sum of GTIs [s]
caldsver	4.4.8	 	ontime2	2111.9999921322	Sum of GTIs [s]
date	2012-03-26T05:52:40	Date and time of file creation	ontime3	2111.9999921322	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	2111.9999921322	Sum of GTIs [s]
			ontime6	2111.9999921322	Sum of GTIs [s]
			ontime7	2111.9999921322	Sum of GTIs [s]
			ontime8	2105.5180316269	Sum of GTIs [s]
			l1events	83554	Number of level 1 events

2.1.4 Events

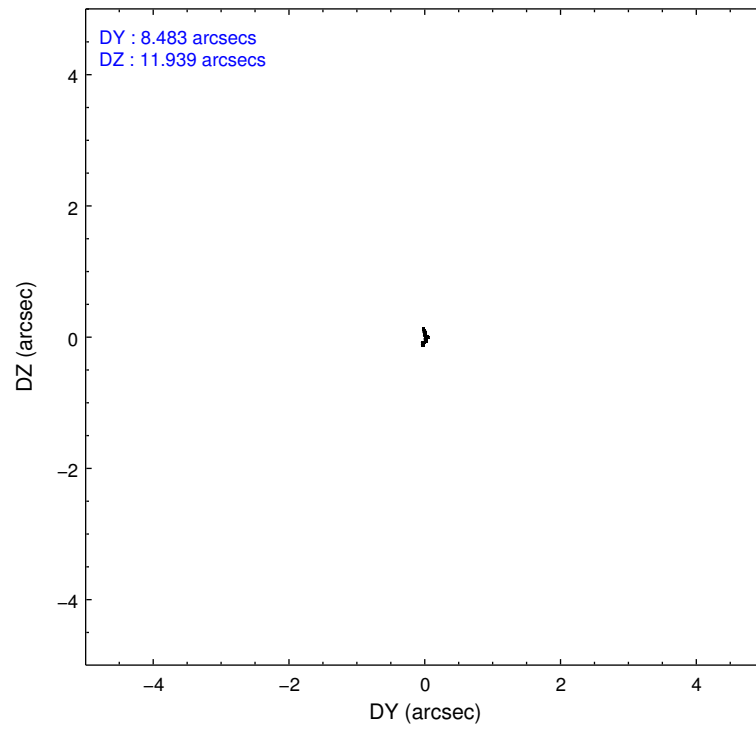
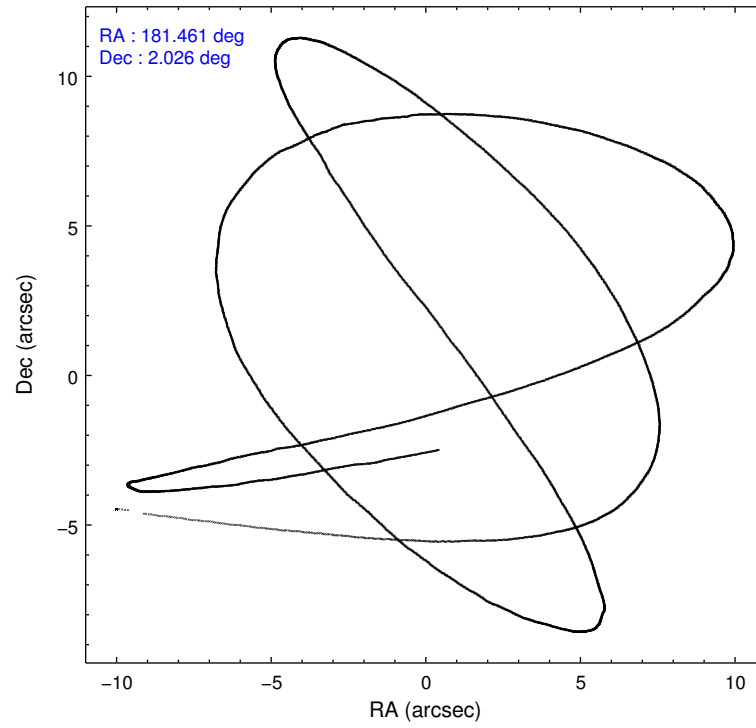
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	15760	13581	12861	14219	8541	18592
rejected events	14742	12673	6225	13067	4299	14653
rejected %	93%	93%	48%	91%	50%	78%

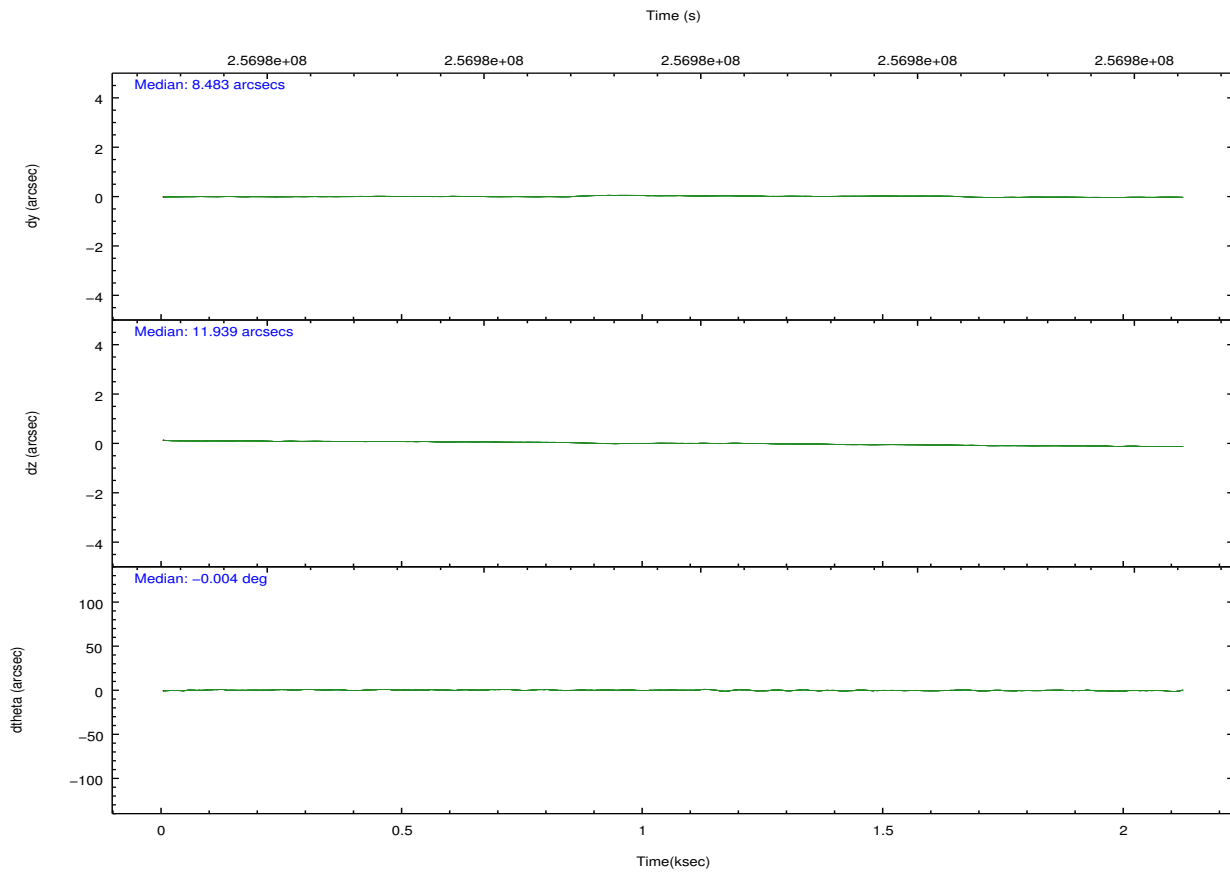
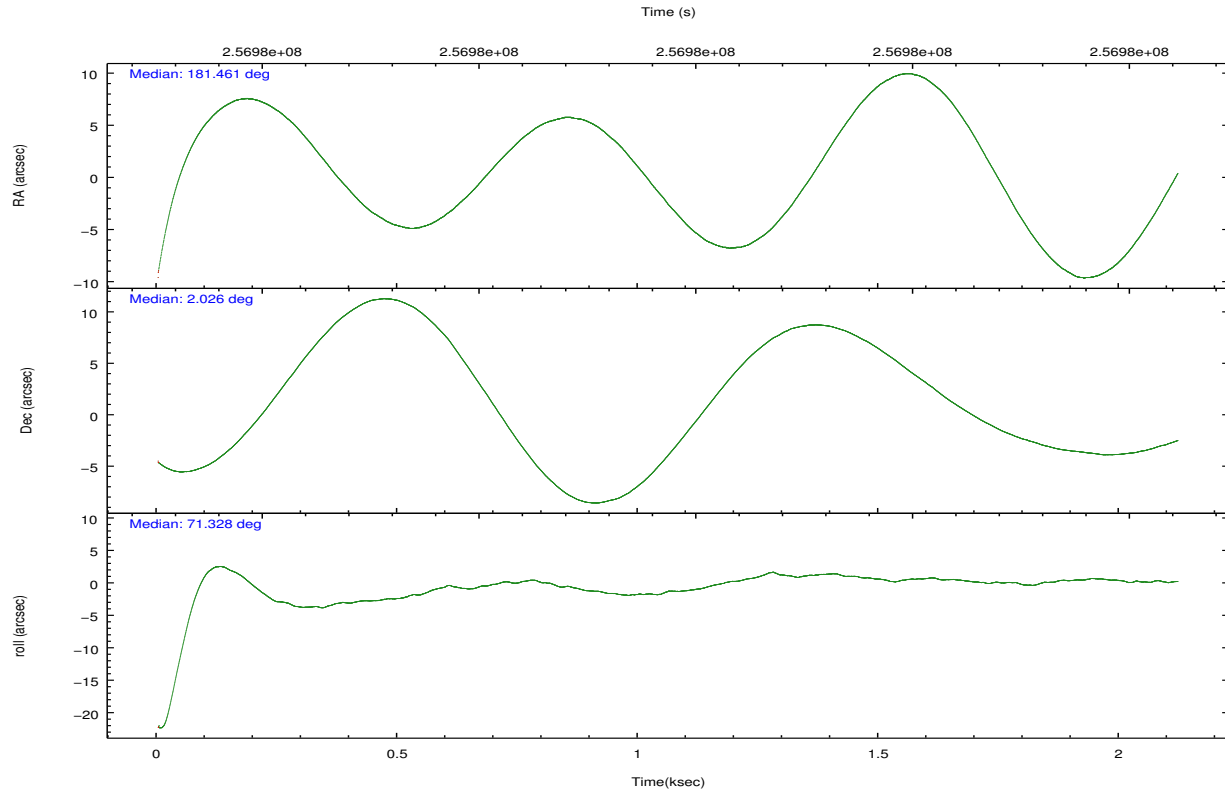
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	489	434	1218	573	622	1345
	3%	3%	9%	4%	7%	7%
grade 1 events	10	5	32	6	14	14
	0%	0%	0%	0%	0%	0%
grade 2 events	265	247	2471	314	1222	1050
	1%	1%	19%	2%	14%	5%
grade 3 events	159	139	426	136	551	511
	1%	1%	3%	0%	6%	2%
grade 4 events	127	112	425	141	490	416
	0%	0%	3%	0%	5%	2%
grade 5 events	233	274	1108	279	900	488
	1%	2%	8%	1%	10%	2%
grade 6 events	159	182	3384	184	2124	1190
	1%	1%	26%	1%	24%	6%
grade 7 events	14318	12188	3797	12586	2618	13578
	90%	89%	29%	88%	30%	73%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-235678	ACIS-235678	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	181.466865	181.4610293590897	Subarray requested	NONE	NONE
[deg] Pointing Dec	1.999455	2.026035093892887	Alternating exposures requested	N	N
[deg] Pointing Roll	71.173967	71.33065079978022	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.684267	-0.6828225247311905			
[mm] SIM defocus	0	0.001444936568705701			
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	256977997.184000	256976763.38792			
Observation start date	2006-02-22T06:45:32	2006-02-22T06:26:03			
[s] Observation end time (MET)	256979997.184000	256980955.12561			
Observation end date	2006-02-22T07:18:52	2006-02-22T07:35:55			
Read mode	TIMED	TIMED			

2.3 Aspect



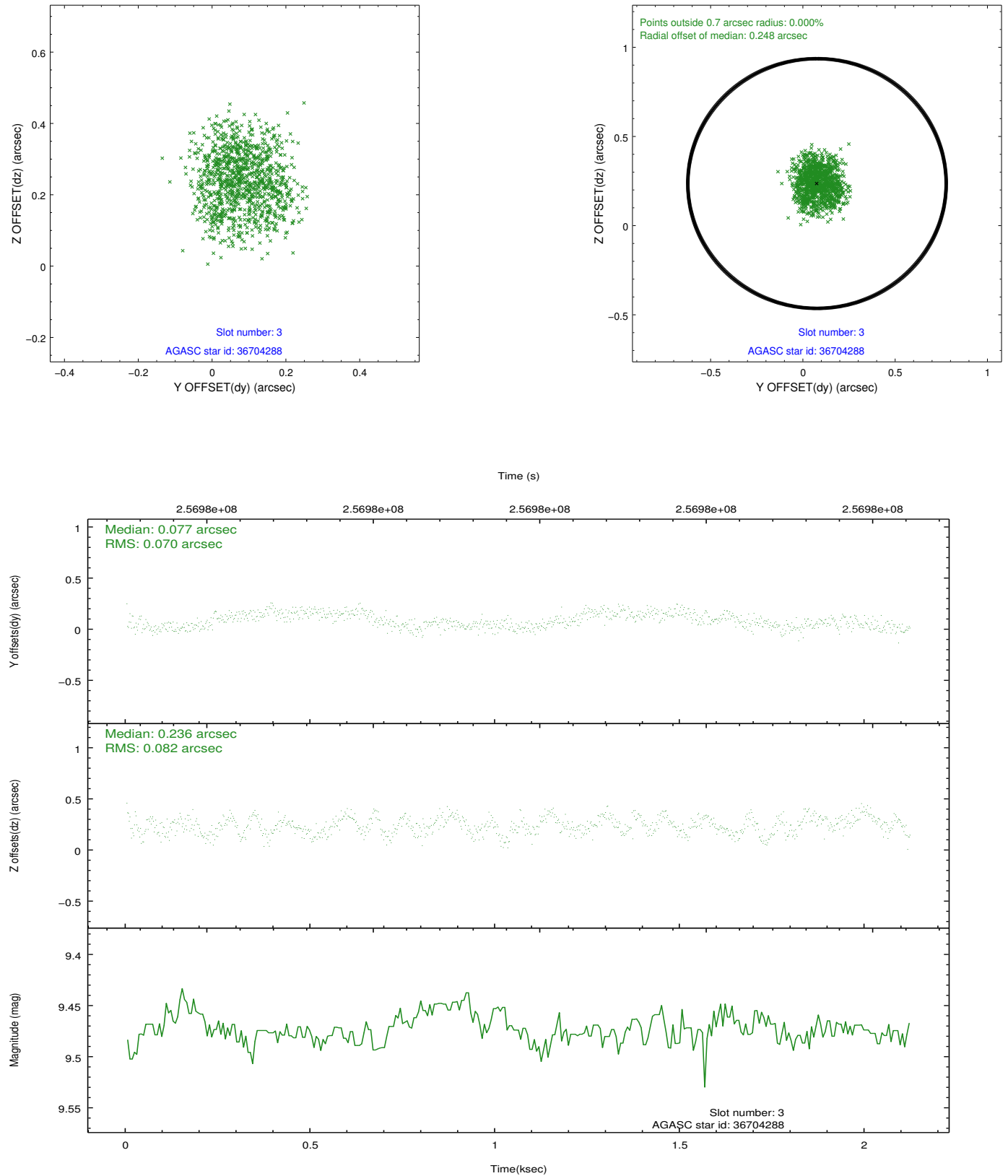


Slot Statistics

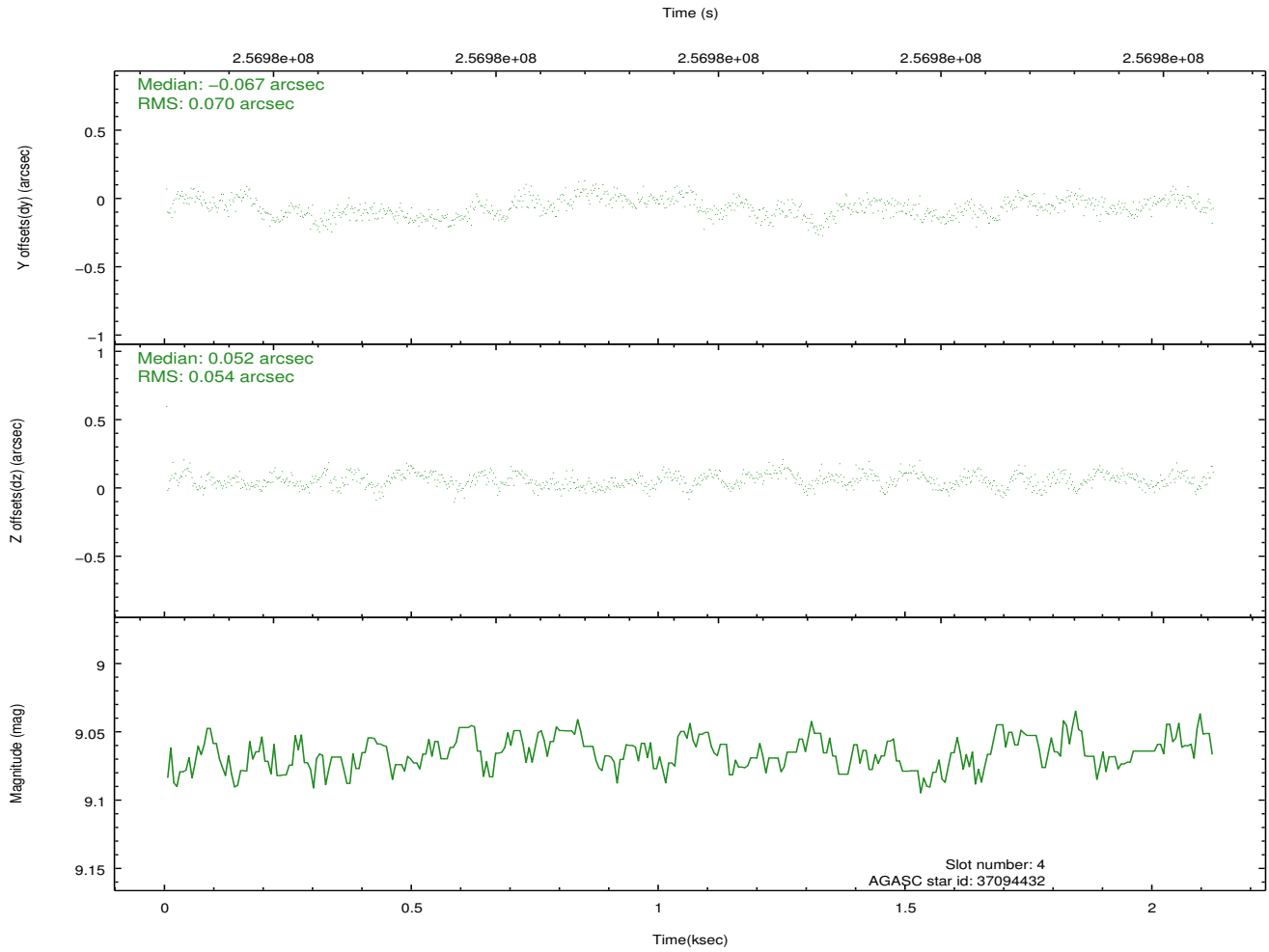
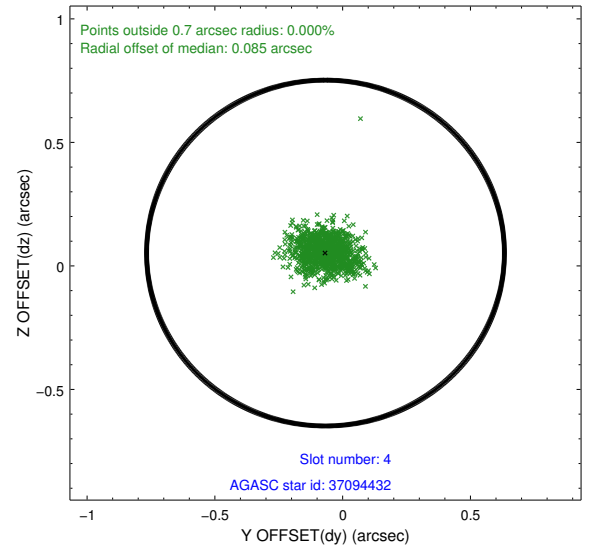
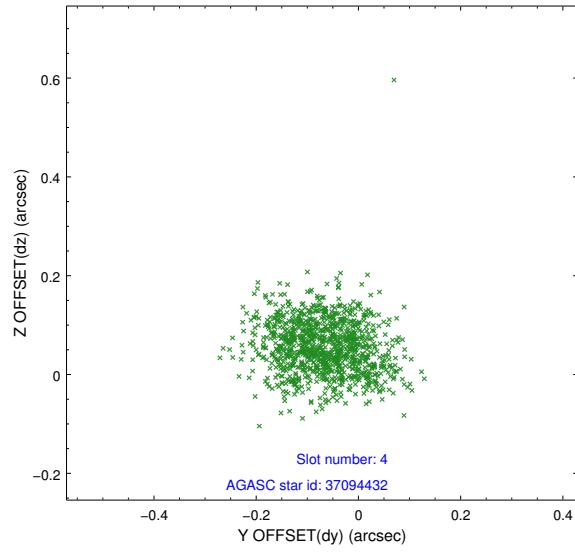
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	518	-0.016	-0.029	0.008	0.013	0.000000	0.000000	-761.29	-1733.27
1	FID	ACIS-S-4	7.20	518	0.118	0.015	0.005	0.011	0.000000	0.000000	2150.72	172.08
2	FID	ACIS-S-5	7.23	518	-0.133	0.022	0.008	0.013	0.000000	0.000000	-1810.30	169.25
3	GUIDE	36704288	9.47	1035	0.077	0.236	0.117	0.176	181.916987	1.602195	-831.42	-1993.67
4	GUIDE	37094432	9.07	1035	-0.067	0.052	0.092	0.149	181.923410	2.503119	2246.04	-970.92
5	GUIDE	37096336	6.90	1035	-0.315	-0.323	0.053	0.087	181.150318	2.619834	1749.00	1796.97
6	GUIDE	36703344	8.03	1035	0.124	-0.097	0.074	0.117	181.053552	1.462035	-2309.13	785.69
7	GUIDE	36705344	9.20	1034	0.176	0.128	0.081	0.138	181.461691	1.305507	-2372.08	-787.35

2.4 Star Slots

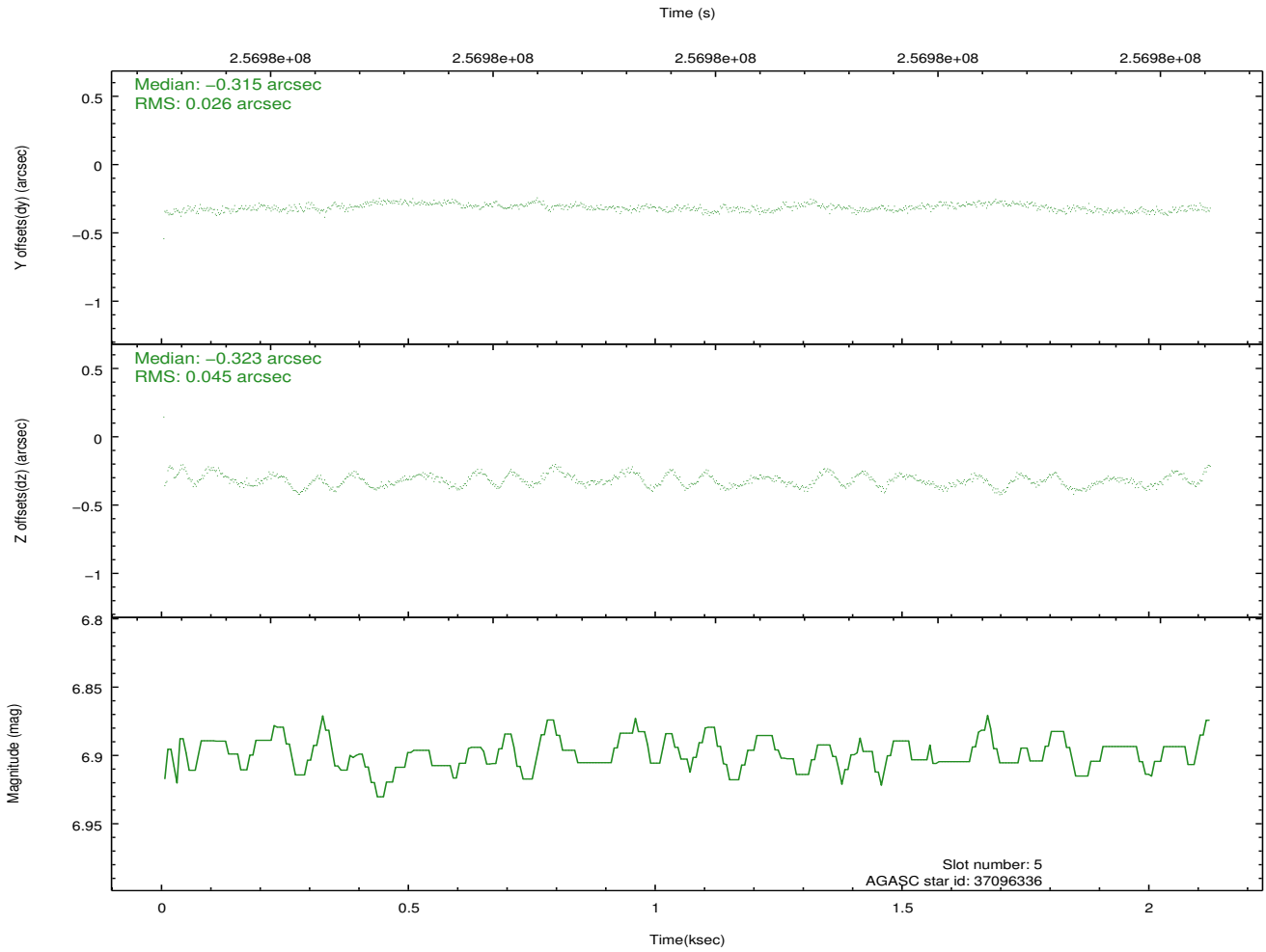
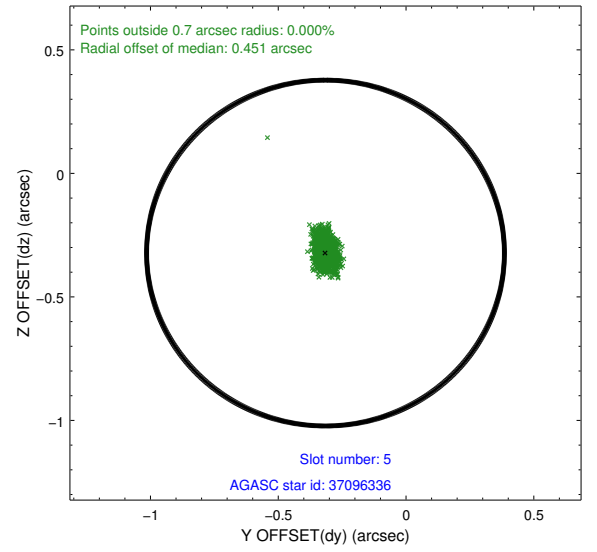
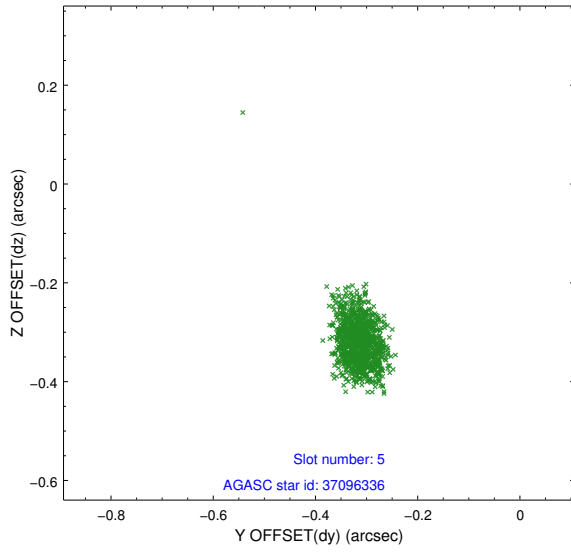
2.4.1 Slot 3



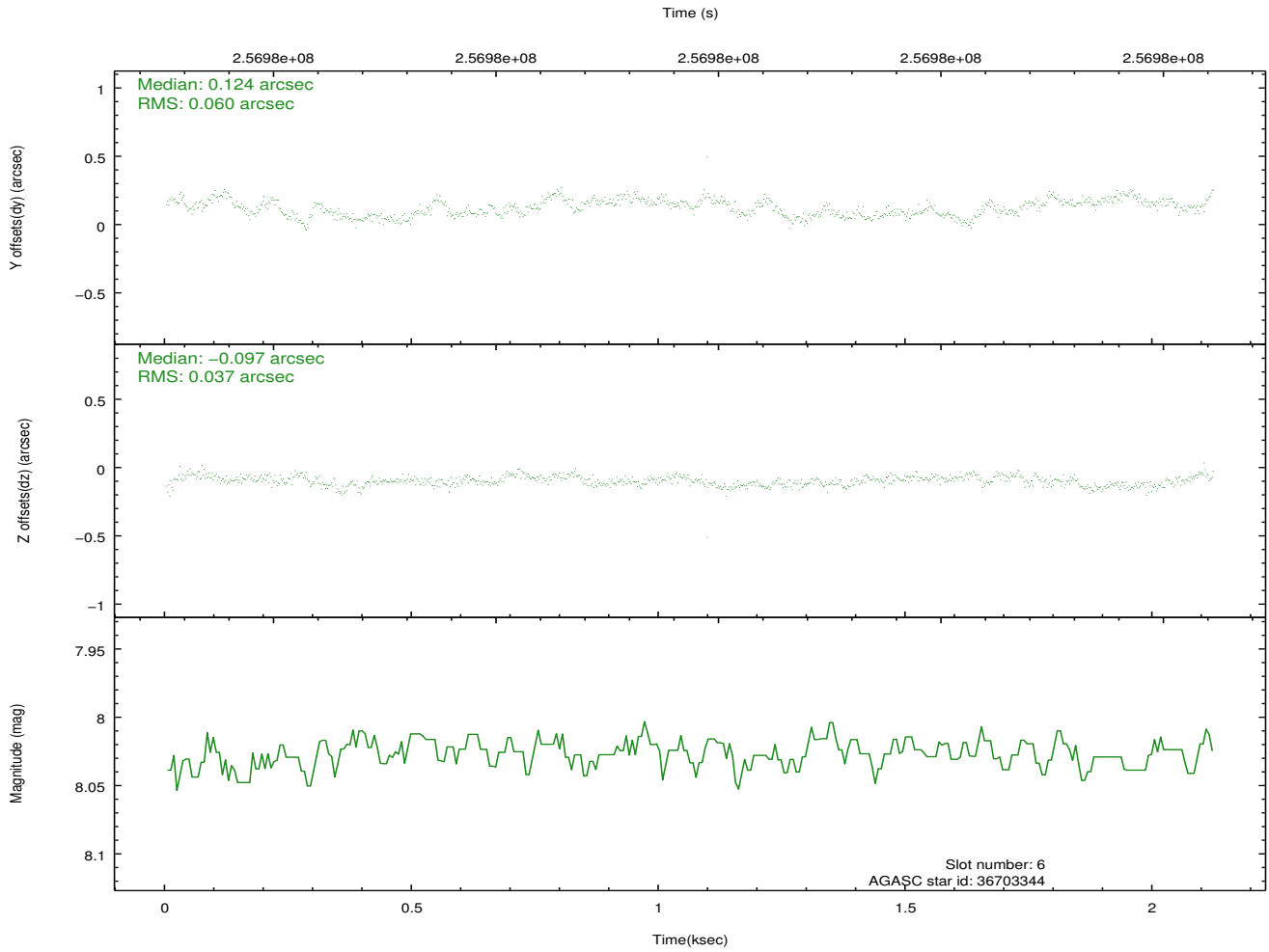
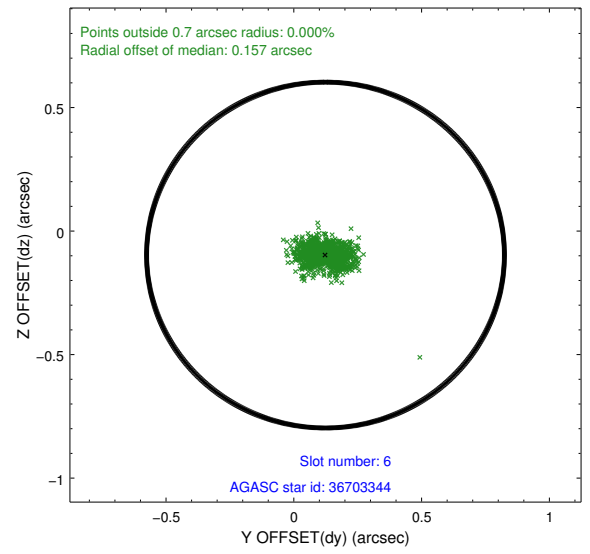
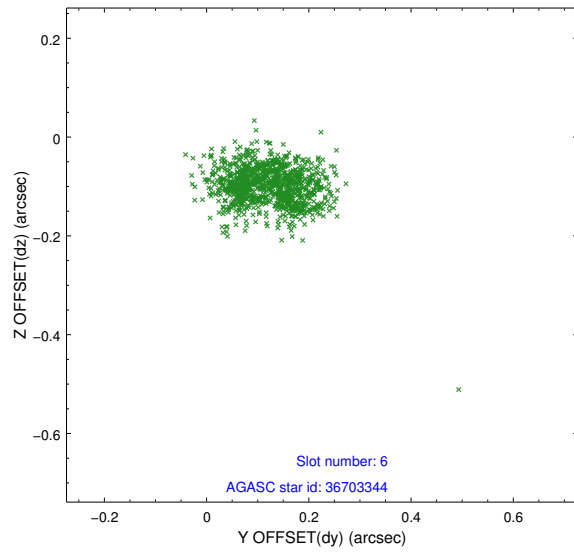
2.4.2 Slot 4



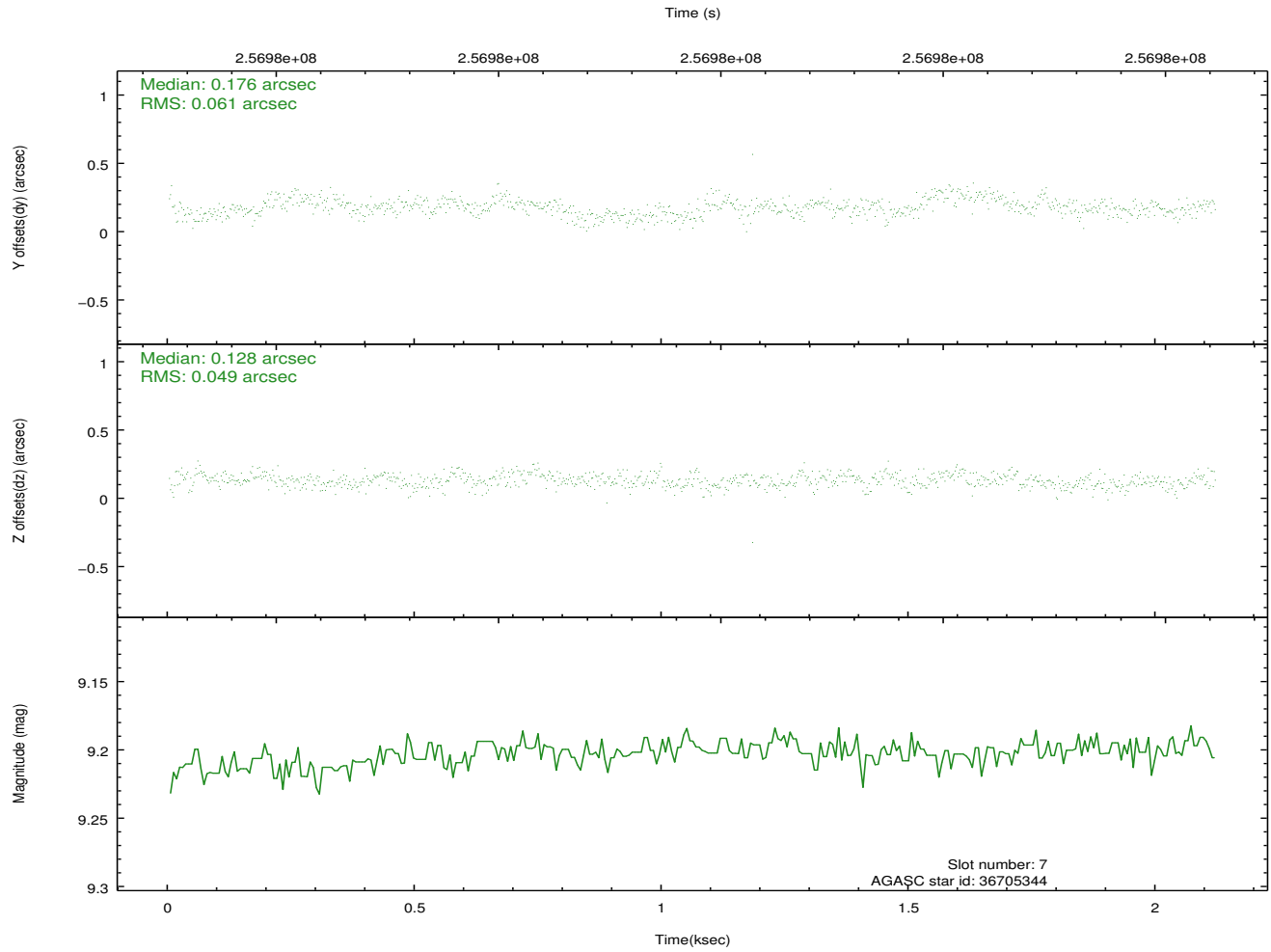
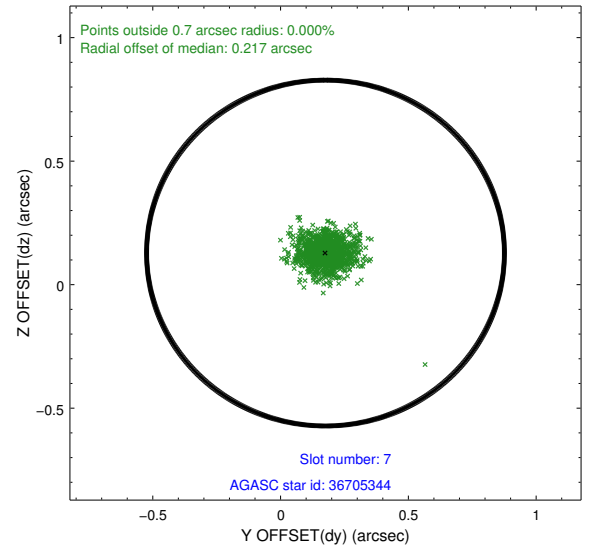
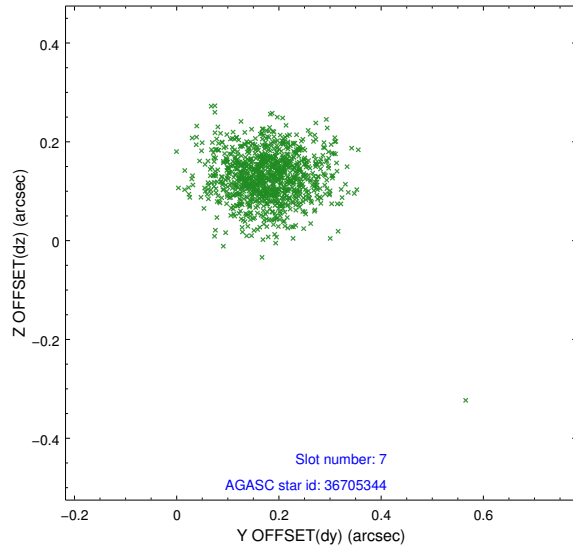
2.4.3 Slot 5



2.4.4 Slot 6

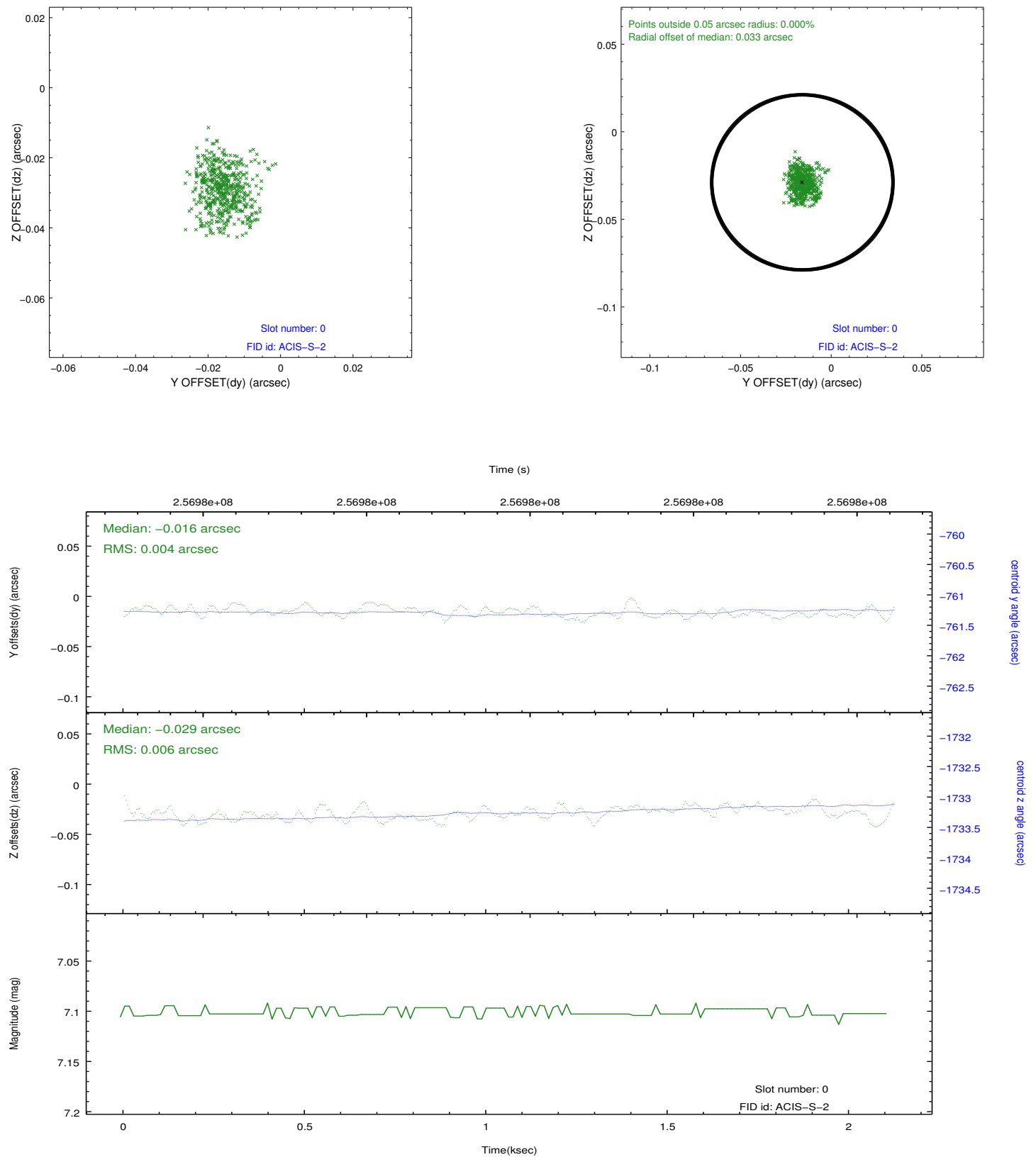


2.4.5 Slot 7

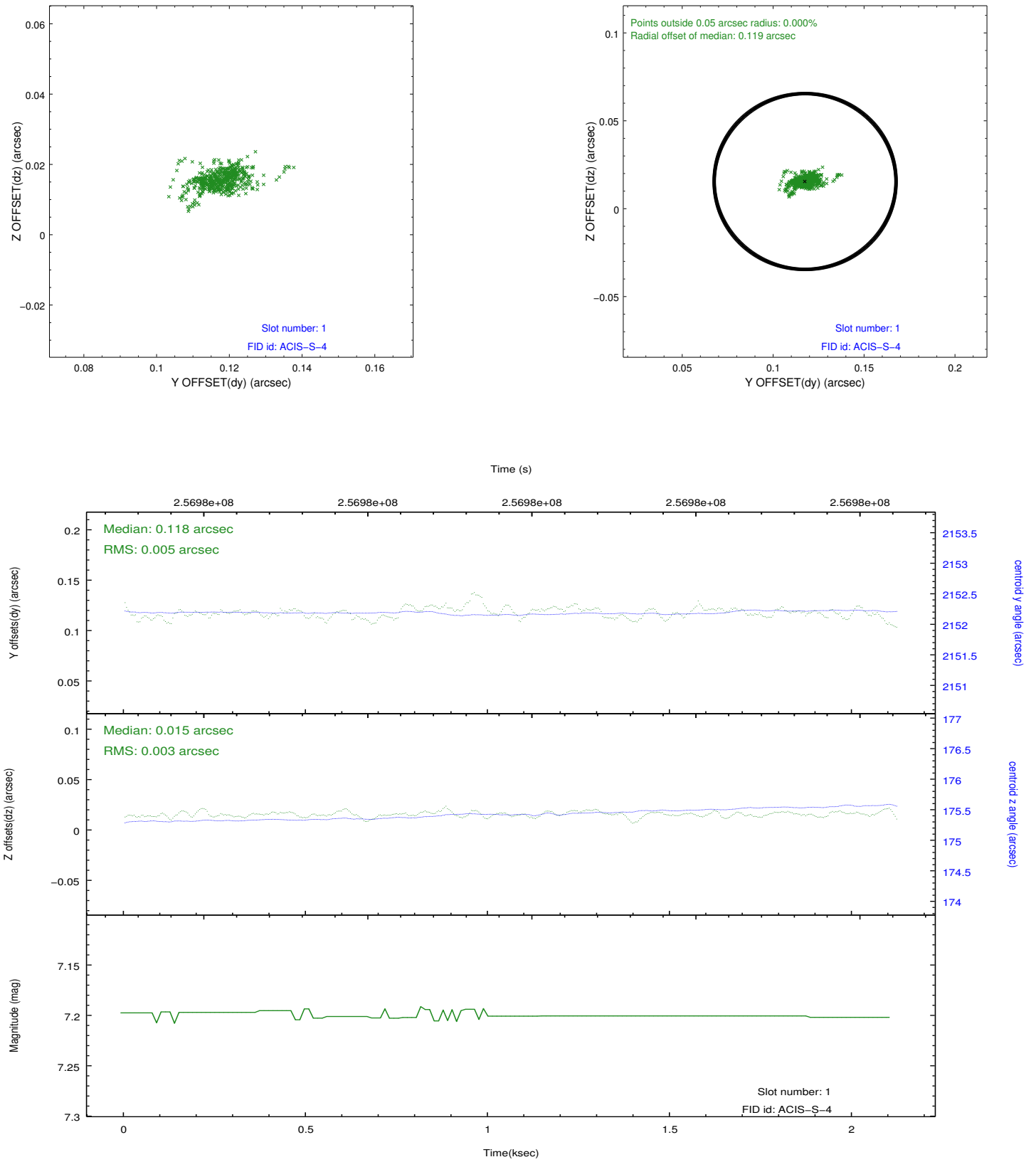


2.5 FID Slots

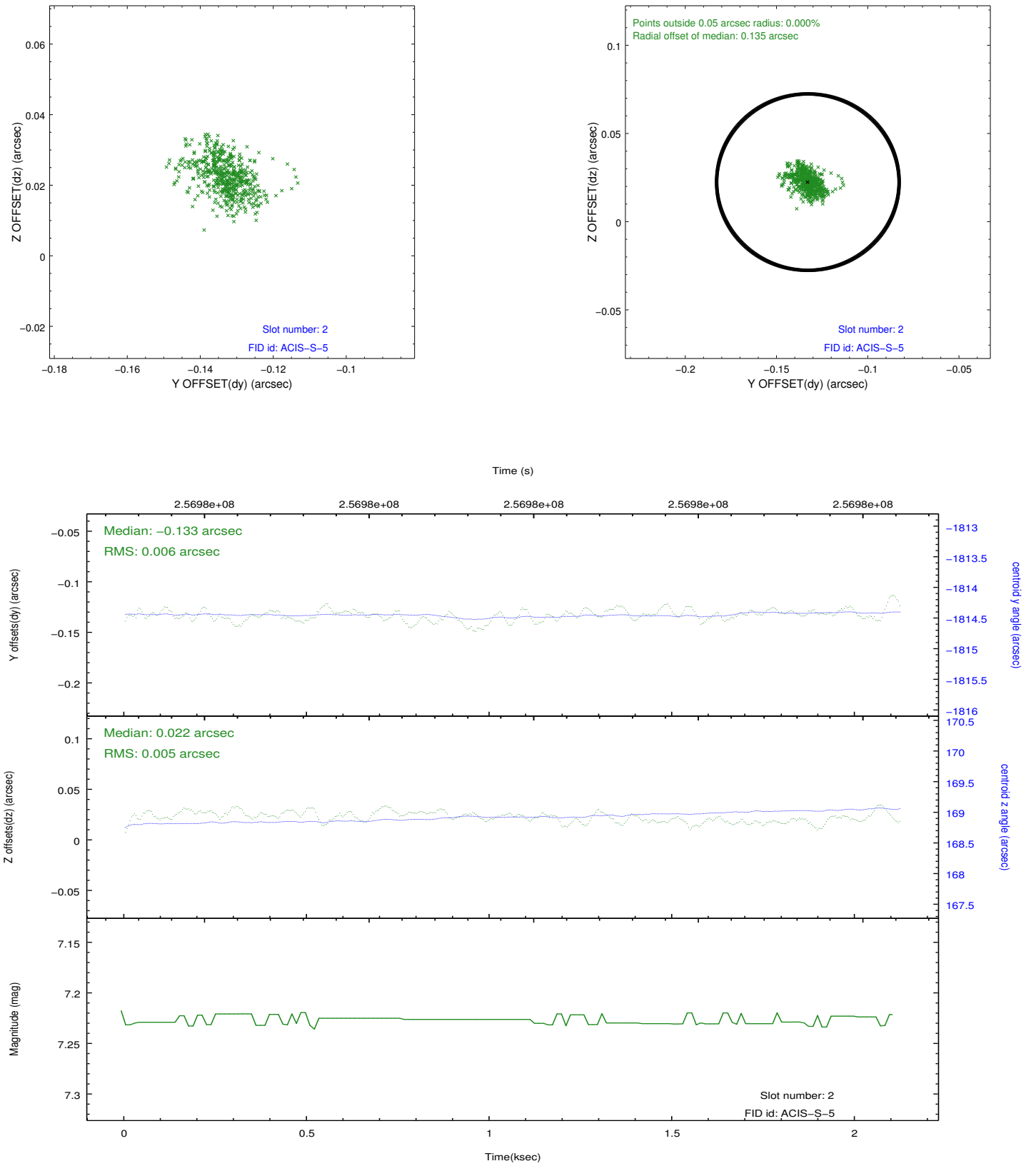
2.5.1 Slot 0



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)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.11199999

A.2 Comments