

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7096 - L2 Version 2
Chandra X-Ray Center

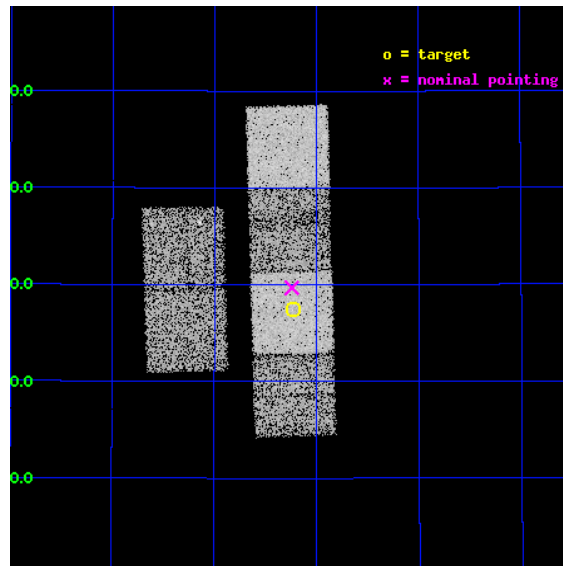
L2 Processing Date : Apr 12 2012

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1 Front

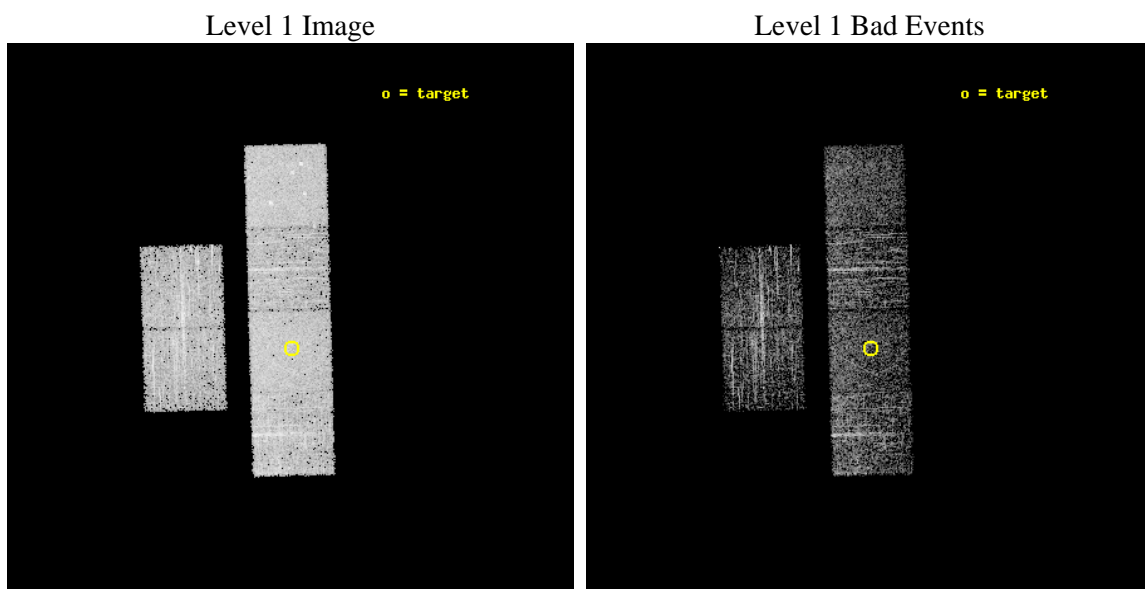
seq_num	600534	Sequence number
obs_id	7096	Observation id
title	A Complete Sample of ULX Host Galaxies	Proposal title
observer	Douglas Swartz	Principal investigator
object	NGC 2337	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	107.556667	Observer's specified target RA [deg]
dec_targ	44.457194	Observer's specified target Dec [deg]
ra_nom	107.56043506612	Nominal RA [deg]
dec_nom	44.494699400178	Nominal Dec [deg]
roll_nom	88.422515833351	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1951.9999927878	Sum of GTIs [s]
livetime	1927.2825935259	Livetime [s]
ontime2	1951.9999927878	Sum of GTIs [s]
ontime3	1951.9999927878	Sum of GTIs [s]
ontime5	1951.9999927878	Sum of GTIs [s]
ontime6	1951.9999927878	Sum of GTIs [s]
ontime7	1951.9999927878	Sum of GTIs [s]
ontime8	1951.9999927878	Sum of GTIs [s]
l2events	51016	Number of level 2 events



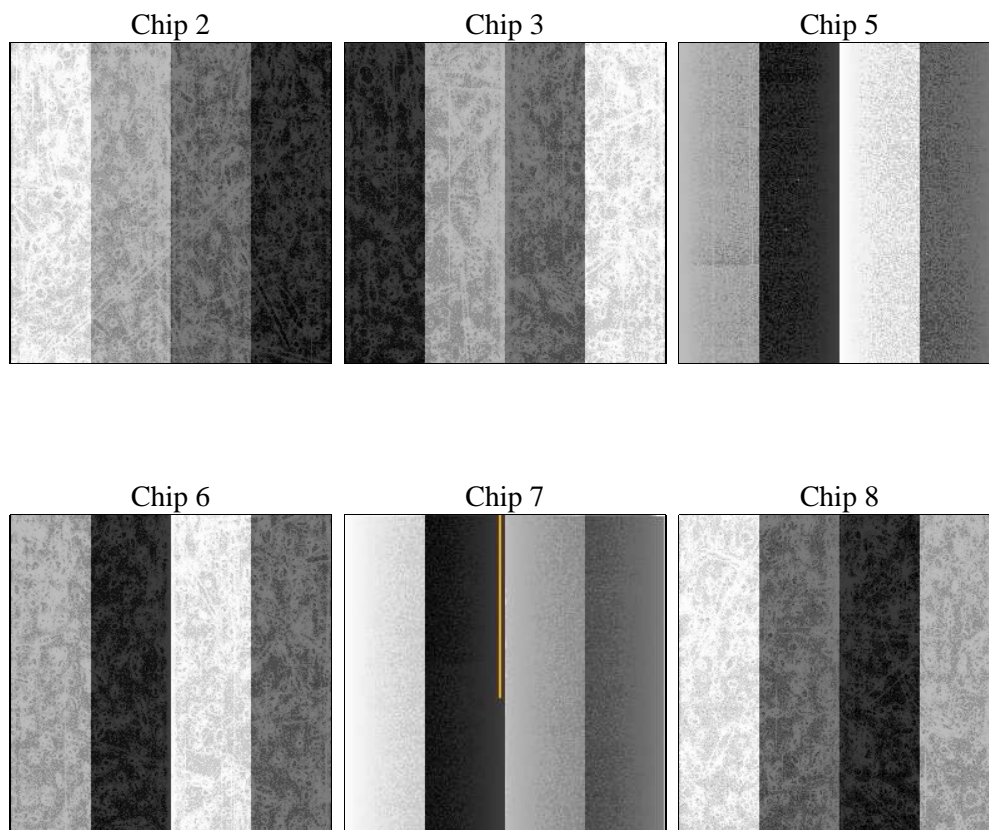
2 OBI

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	8.4.3.1	Processing system revision	ontime	1951.9999927878	Sum of GTIs [s]
caldbver	4.4.9	 	ontime2	1951.9999927878	Sum of GTIs [s]
date	2012-04-12T07:37:12	Date and time of file creation	ontime3	1951.9999927878	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	1951.9999927878	Sum of GTIs [s]
			ontime6	1951.9999927878	Sum of GTIs [s]
			ontime7	1951.9999927878	Sum of GTIs [s]
			ontime8	1951.9999927878	Sum of GTIs [s]
			l1events	153671	Number of level 1 events

2.1.4 Events

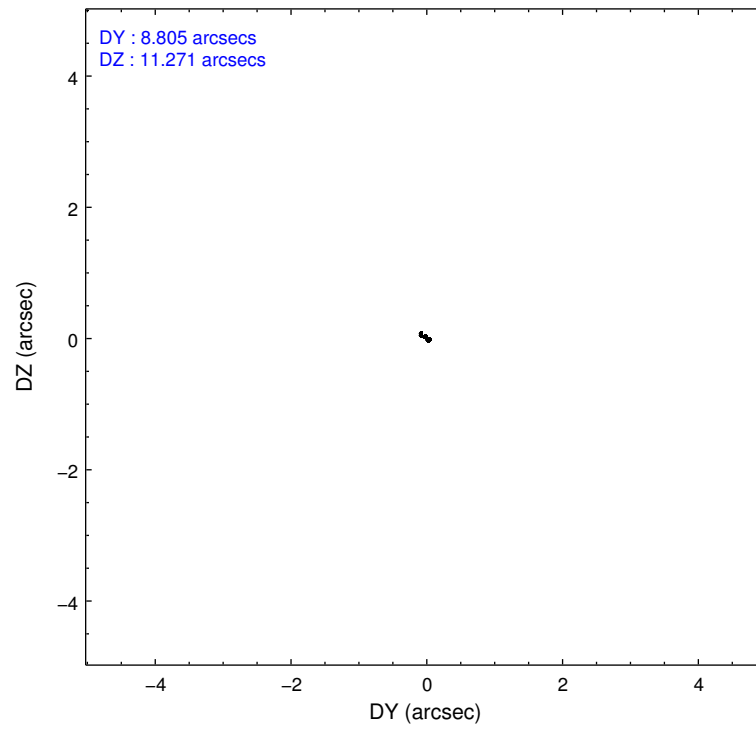
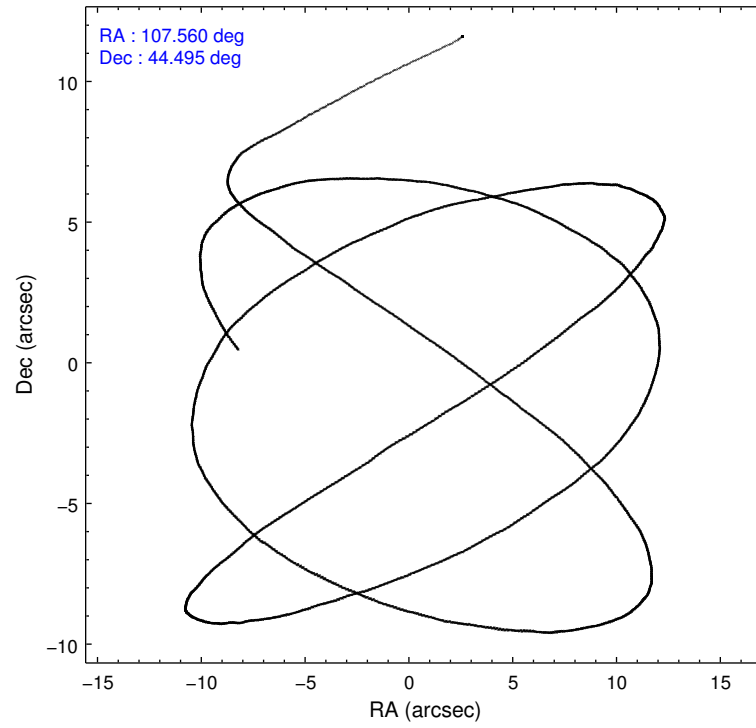
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	22602	21498	30789	22455	28756	27571
rejected events	16746	15701	14786	16636	14405	18561
rejected %	74%	73%	48%	74%	50%	67%

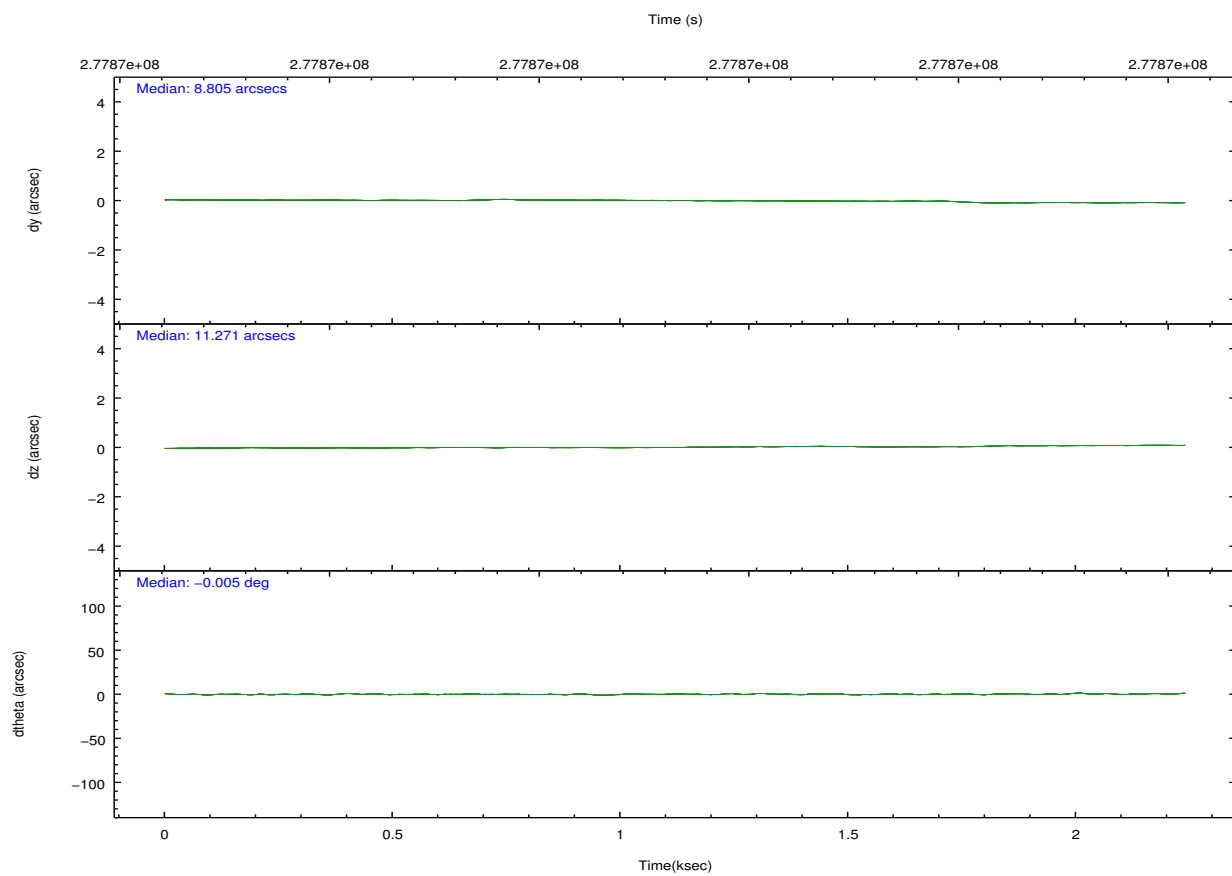
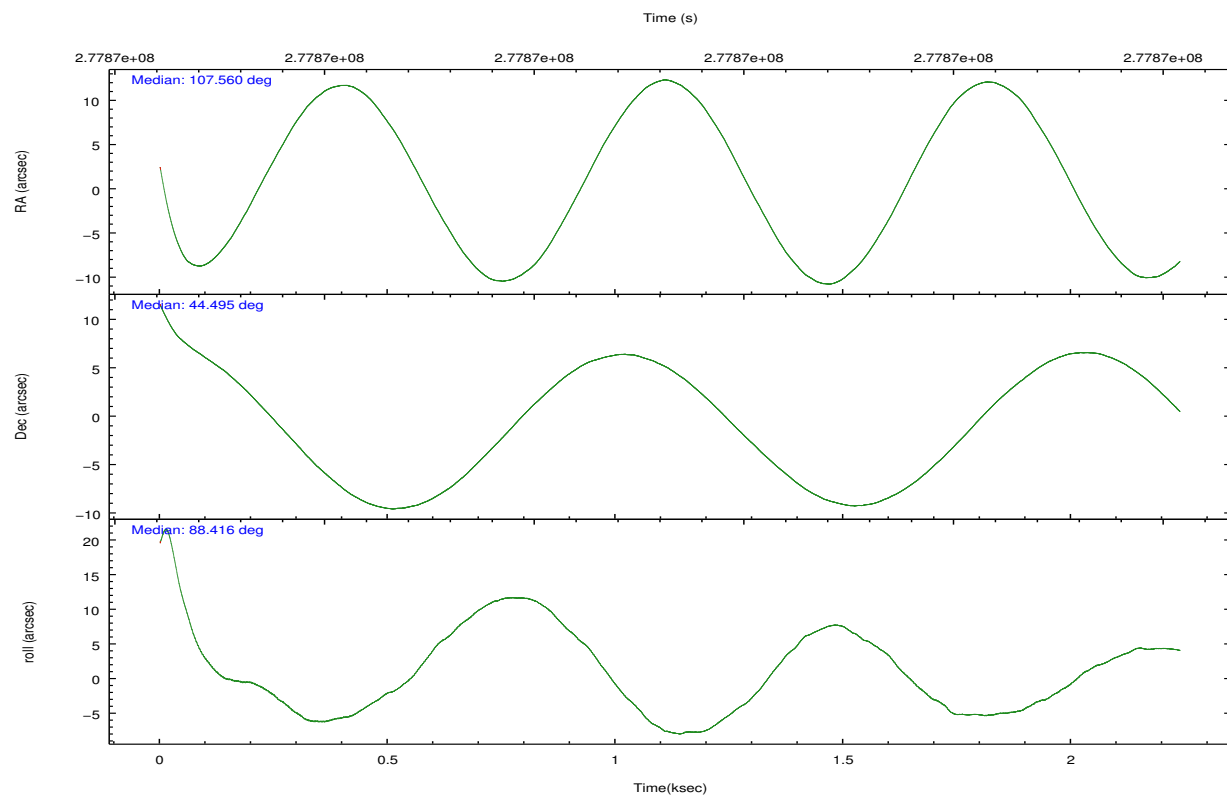
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
grade 0 events	3662	3540	1697	3279	1401	4361
	16%	16%	5%	14%	4%	15%
grade 1 events	37	23	39	21	22	30
	0%	0%	0%	0%	0%	0%
grade 2 events	836	874	4858	1057	2670	1534
	3%	4%	15%	4%	9%	5%
grade 3 events	363	336	554	364	1059	716
	1%	1%	1%	1%	3%	2%
grade 4 events	309	352	566	330	1140	752
	1%	1%	1%	1%	3%	2%
grade 5 events	696	758	1893	813	2249	1116
	3%	3%	6%	3%	7%	4%
grade 6 events	691	703	8345	794	8094	1650
	3%	3%	27%	3%	28%	5%
grade 7 events	16008	14912	12837	15797	12121	17412
	70%	69%	41%	70%	42%	63%

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	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	107.579201	107.5604350661212	Subarray requested	NONE	NONE
[deg] Pointing Dec	44.470711	44.49469940017792	Alternating exposures requested	N	N
[deg] Pointing Roll	88.252581	88.42251583335121	[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)	277868945.184000	277867943.31544			
Observation start date	2006-10-22T01:48:00	2006-10-22T01:32:23			
[s] Observation end time (MET)	277870945.184000	277871535.42811			
Observation end date	2006-10-22T02:21:20	2006-10-22T02:32:15			
Read mode	TIMED	TIMED			

2.3 Aspect



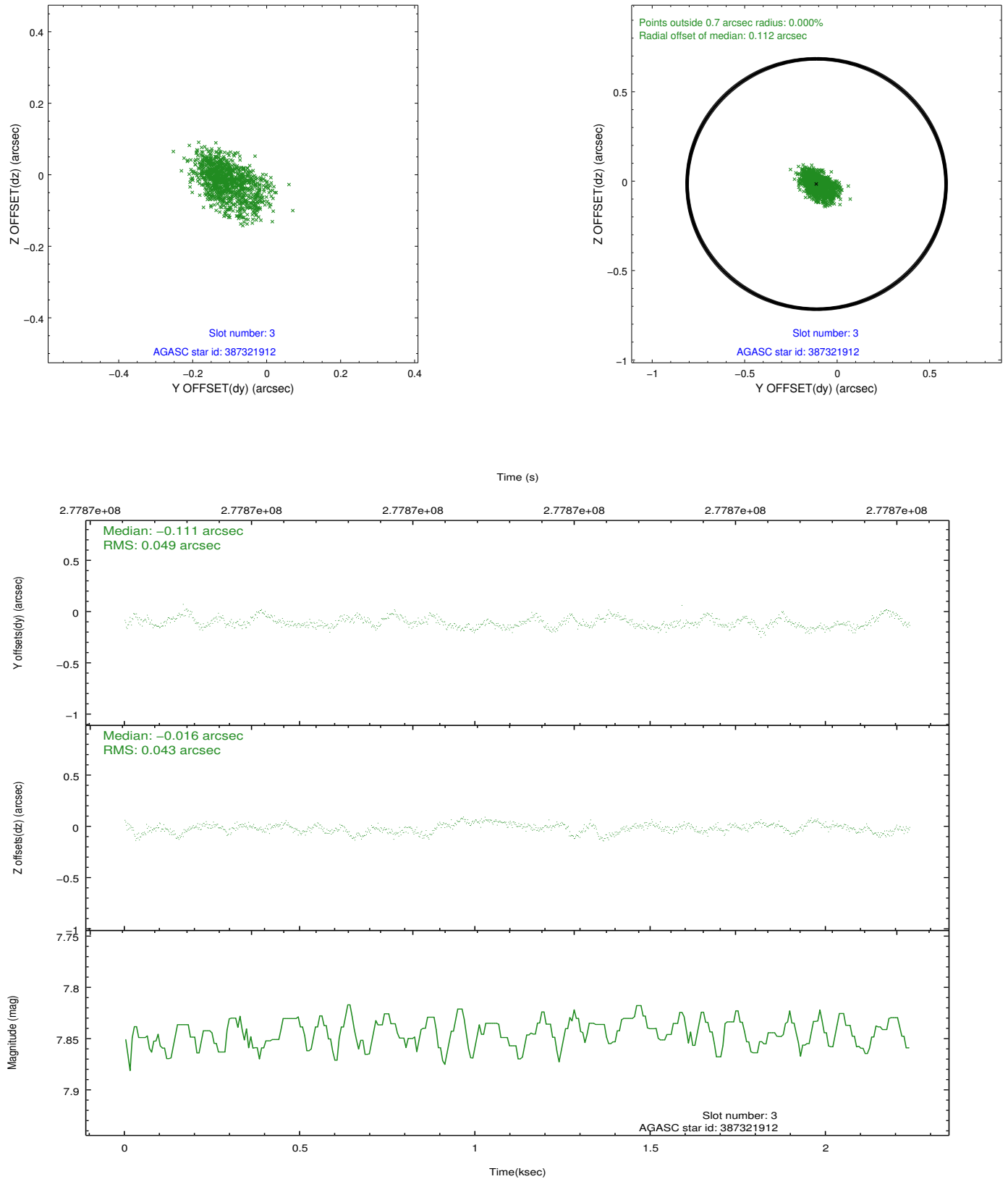


Slot Statistics

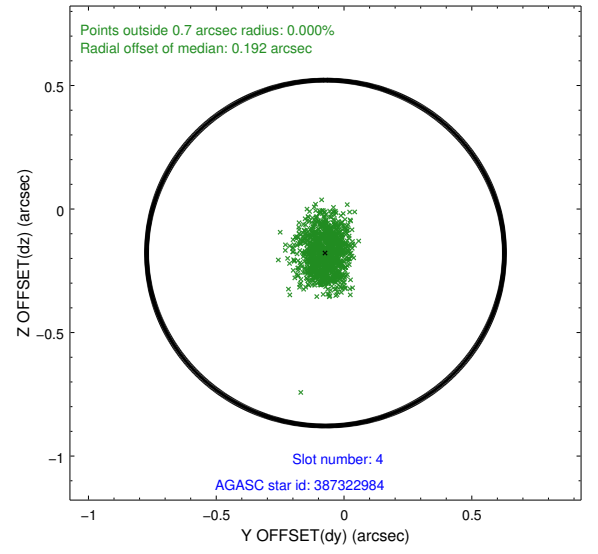
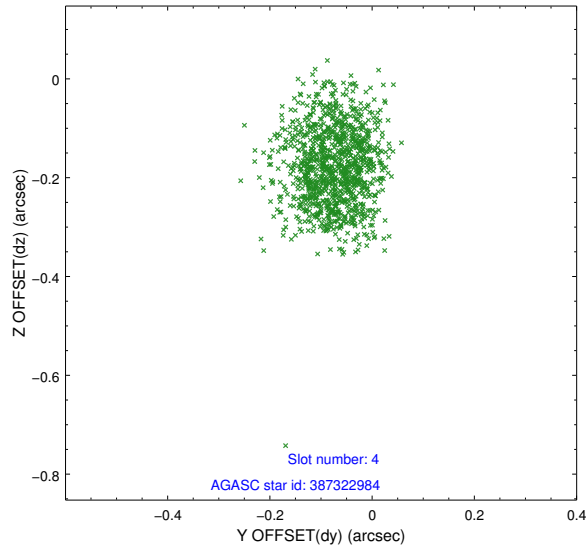
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	547	-0.039	-0.024	0.006	0.013	0.000000	0.000000	-761.60	-1732.60
1	FID	ACIS-S-4	7.21	547	0.154	0.025	0.006	0.010	0.000000	0.000000	2150.52	172.96
2	FID	ACIS-S-5	7.23	547	-0.146	0.008	0.006	0.012	0.000000	0.000000	-1810.85	169.87
3	GUIDE	387321912	7.84	1093	-0.111	-0.016	0.069	0.116	107.273620	44.259829	-782.28	763.97
4	GUIDE	387322984	8.83	1092	-0.072	-0.178	0.098	0.160	106.792899	44.438545	-169.55	2016.86
5	GUIDE	387323064	8.92	1091	-0.117	-0.307	0.087	0.140	106.695663	44.367971	-427.99	2262.94
6	GUIDE	387455824	7.33	1093	0.134	0.171	0.062	0.092	108.004503	43.842976	-2223.34	-1170.86
7	GUIDE	387454712	9.27	1090	0.166	0.340	0.081	0.132	108.309827	43.804664	-2332.79	-1971.62

2.4 Star Slots

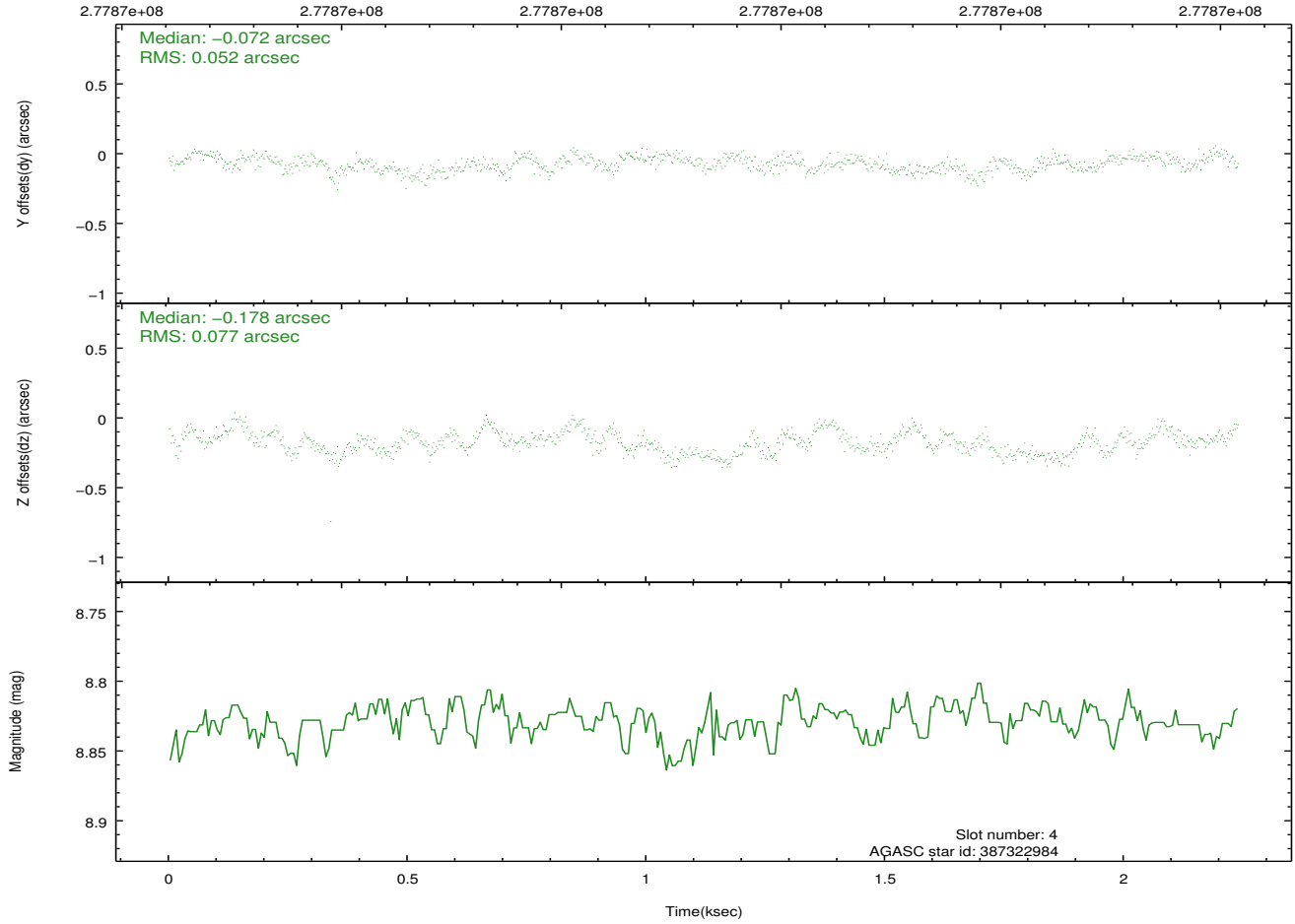
2.4.1 Slot 3



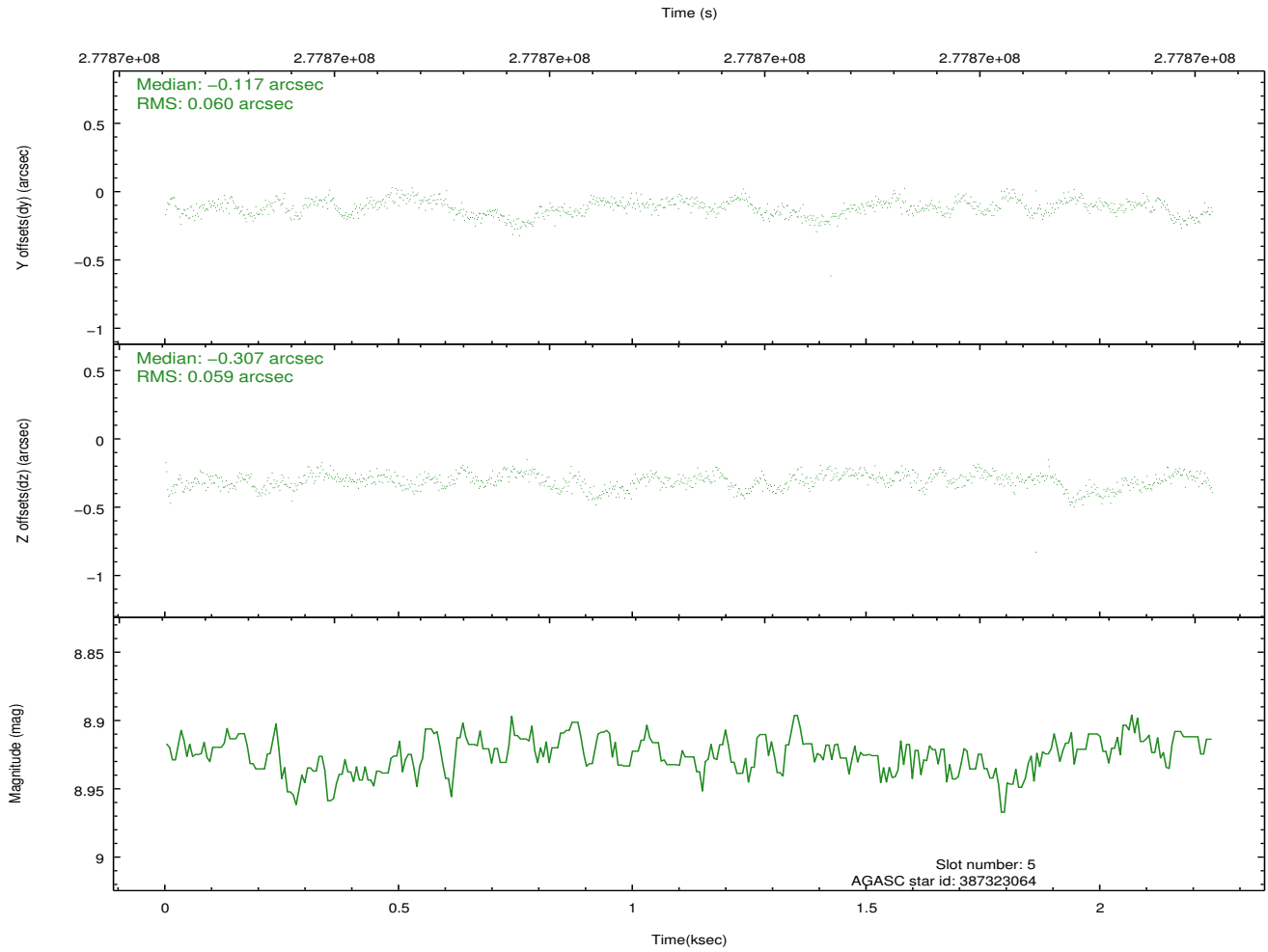
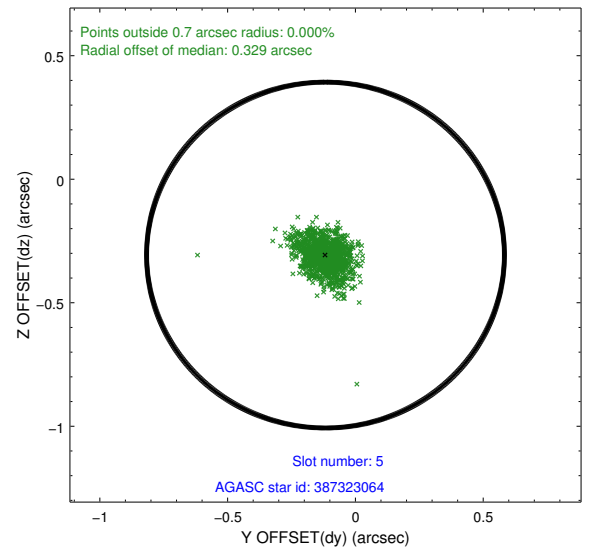
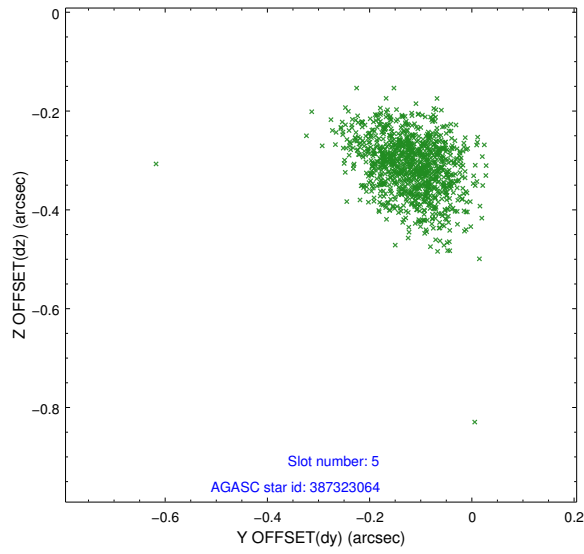
2.4.2 Slot 4



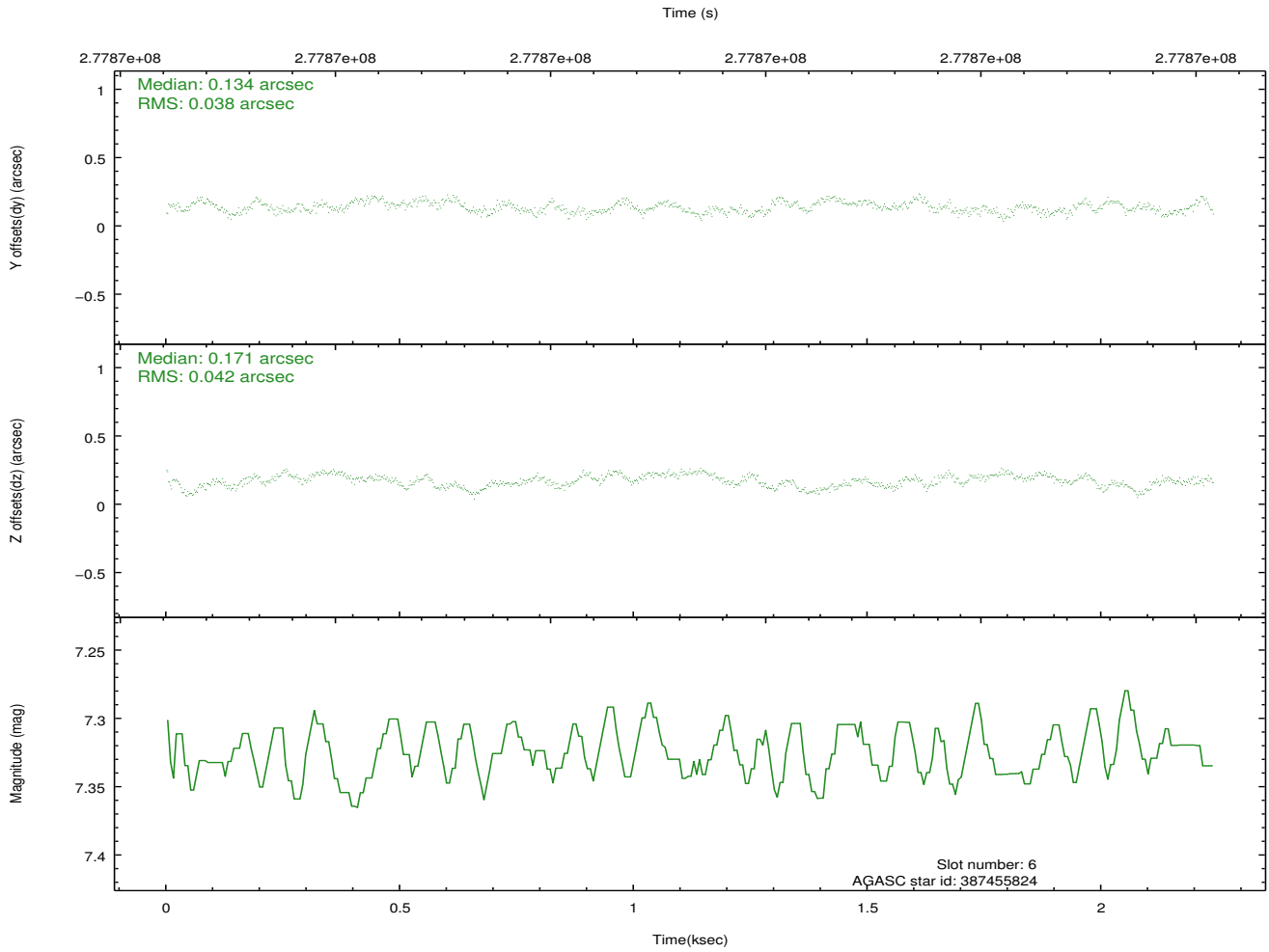
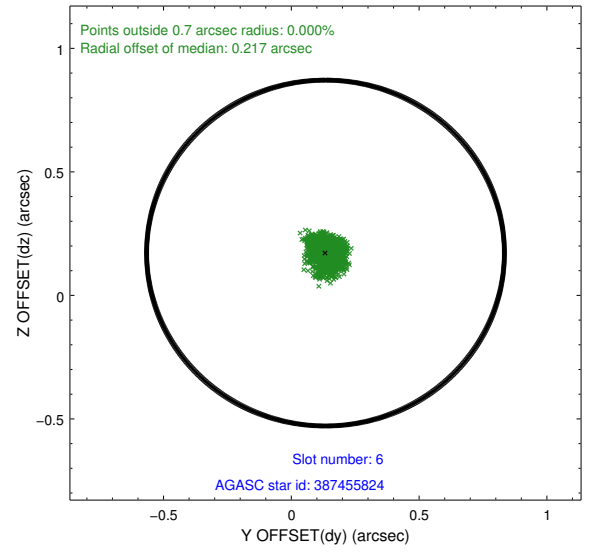
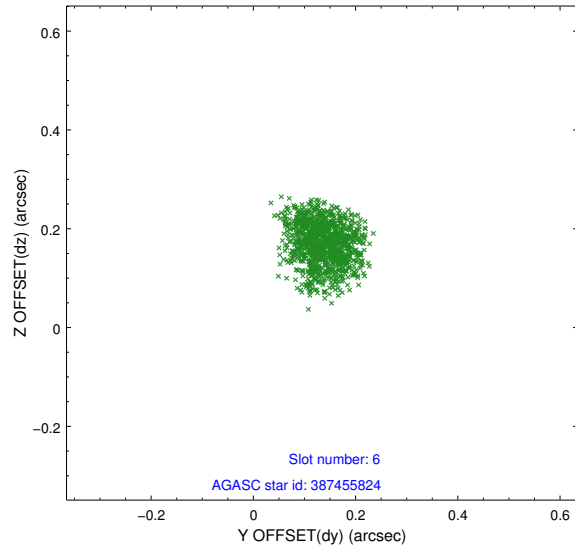
Time (s)



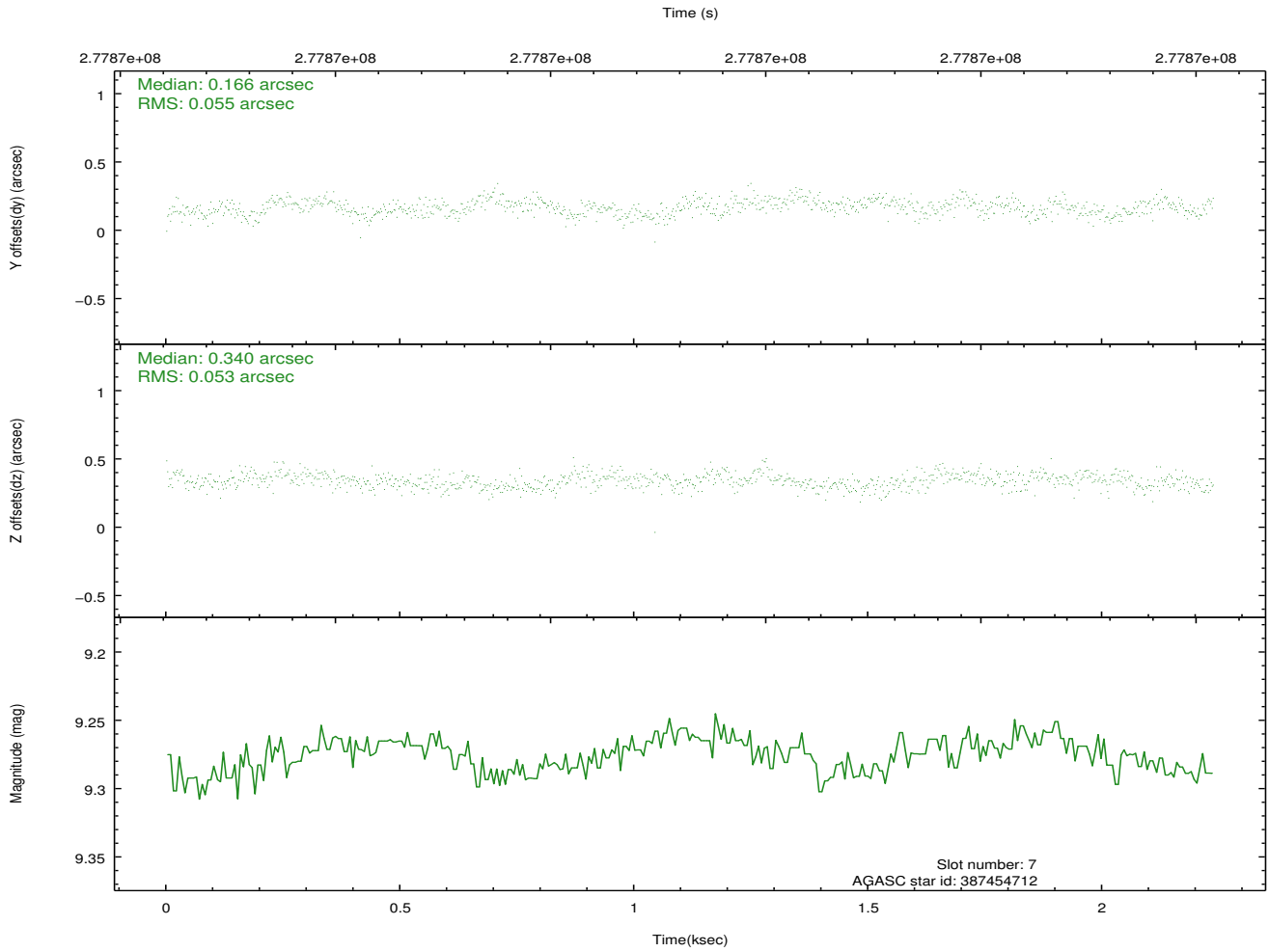
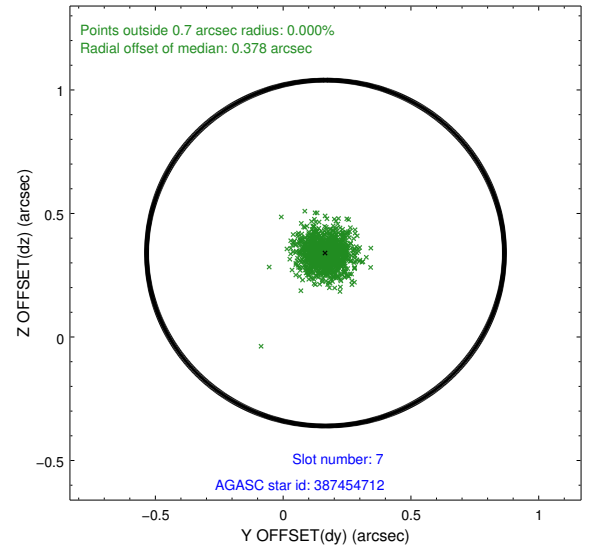
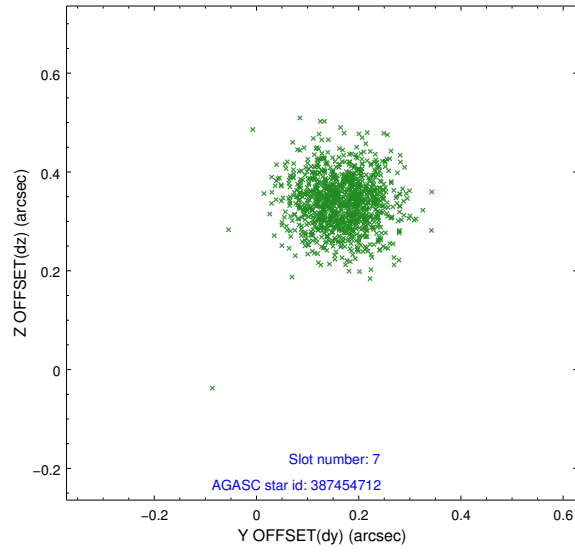
2.4.3 Slot 5



2.4.4 Slot 6

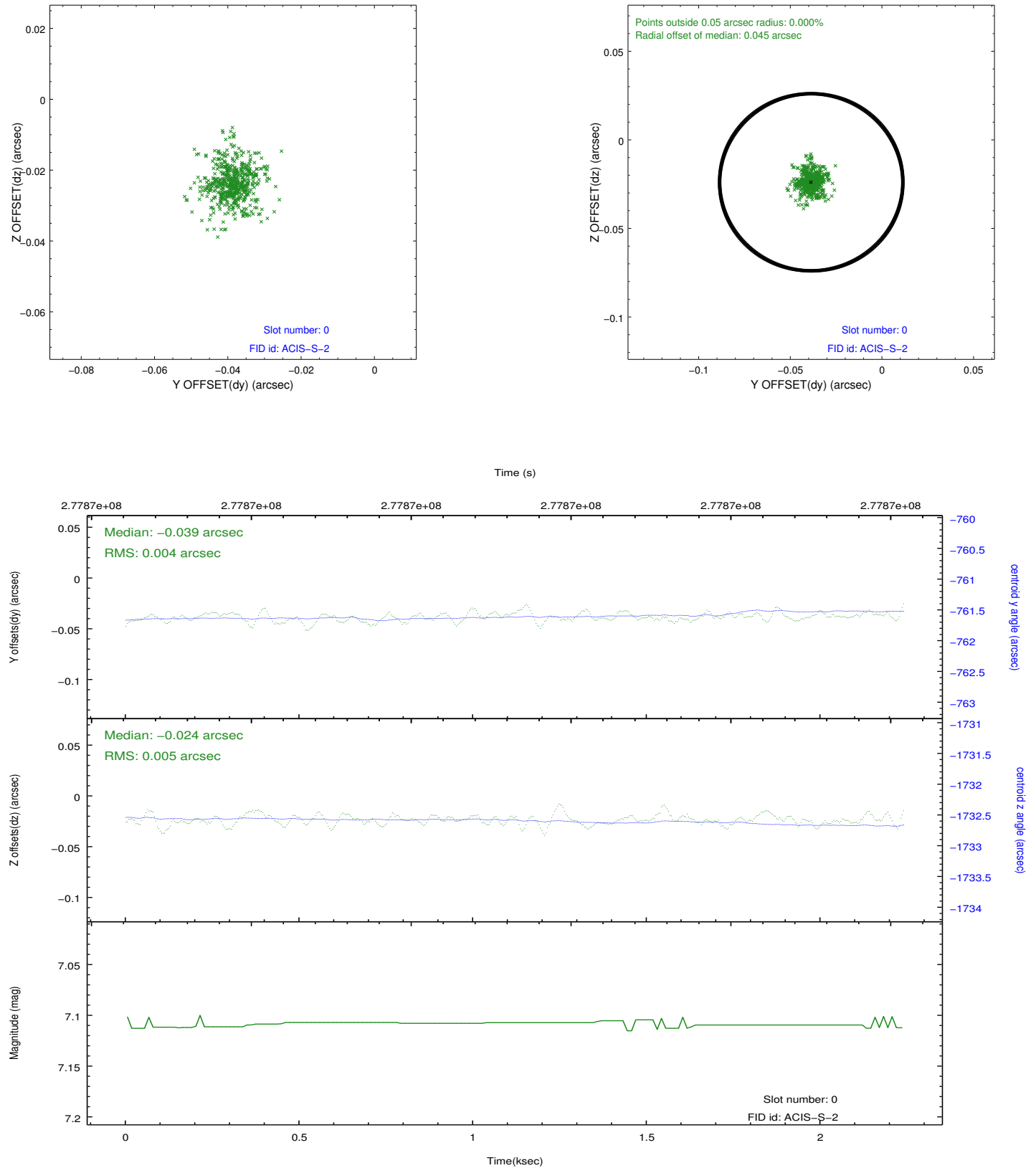


2.4.5 Slot 7

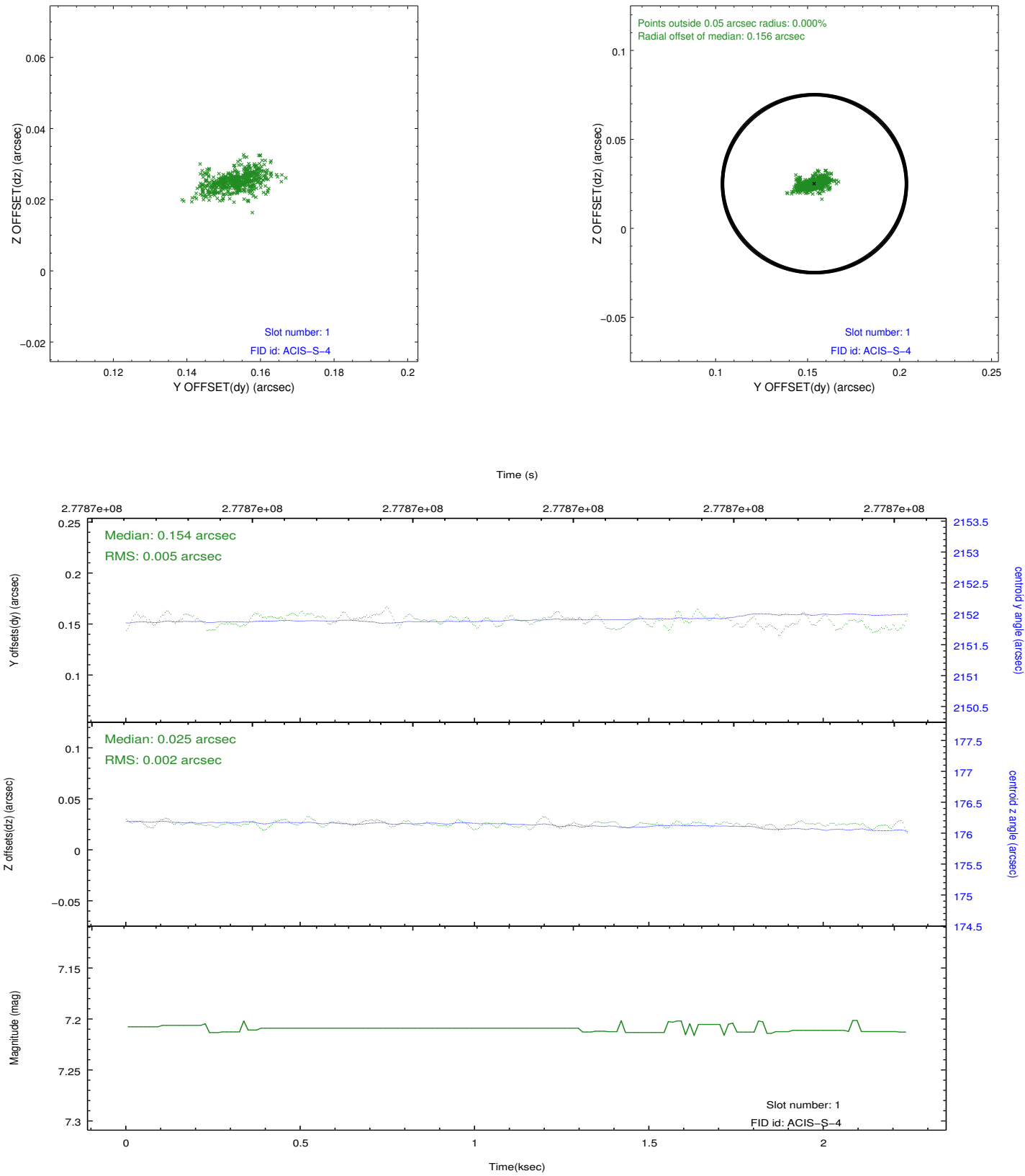


2.5 FID Slots

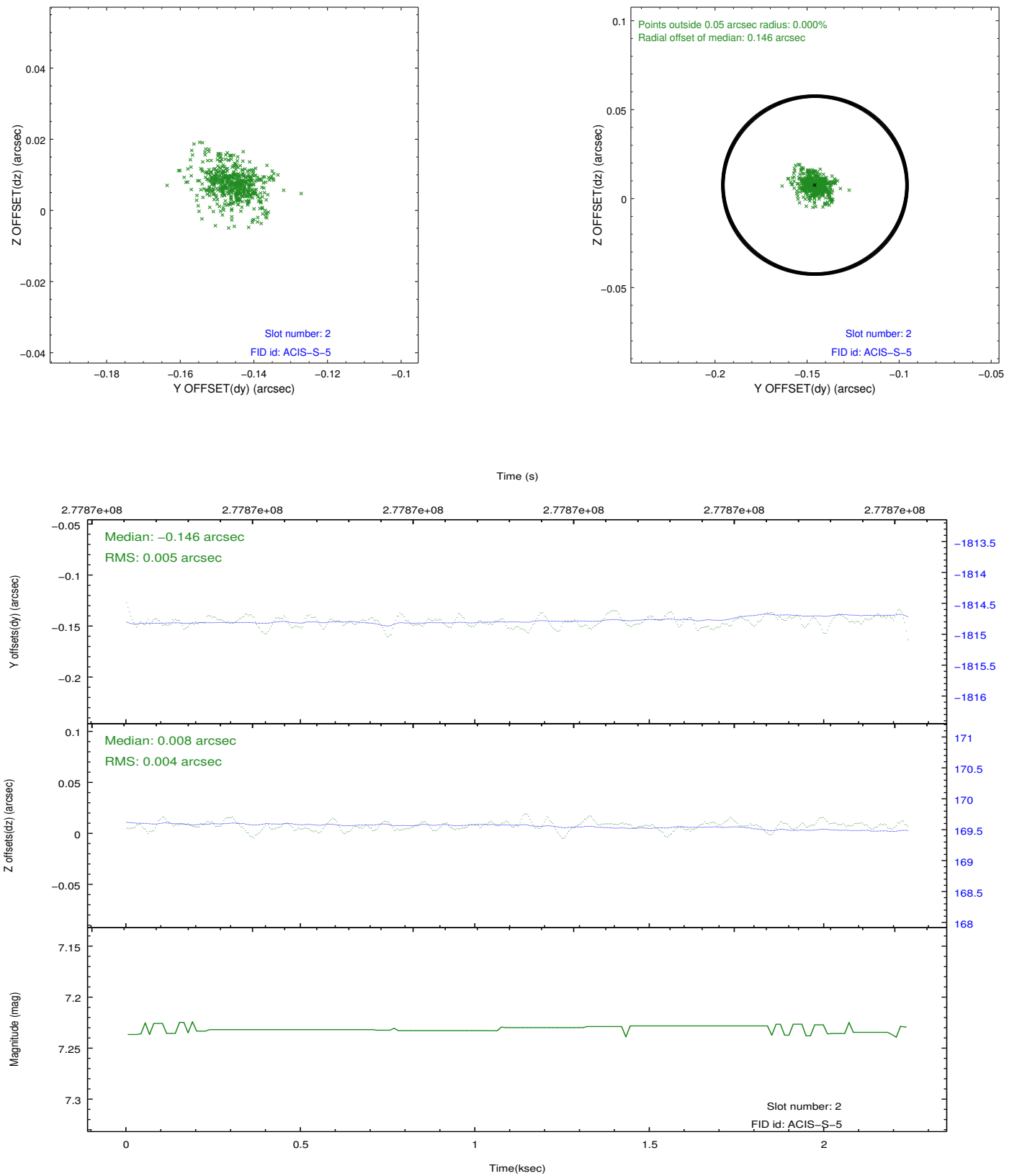
2.5.1 Slot 0



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)	2012.04.12
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.95199999

A.2 Comments