

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11813 - L2 Version 2
Chandra X-Ray Center

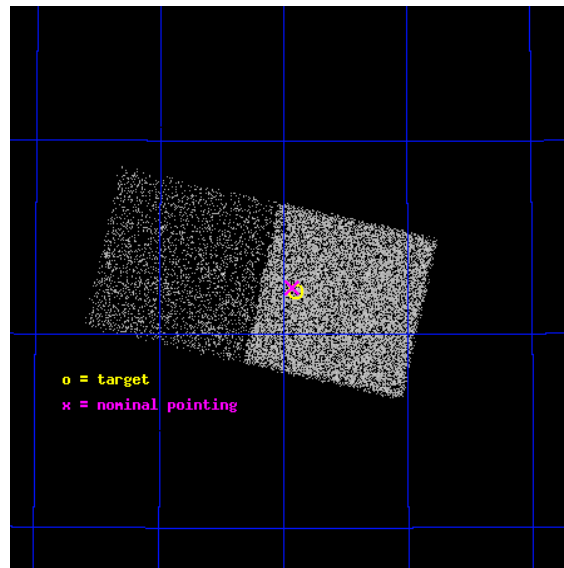
L2 Processing Date : Jun 15 2012

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1 Front

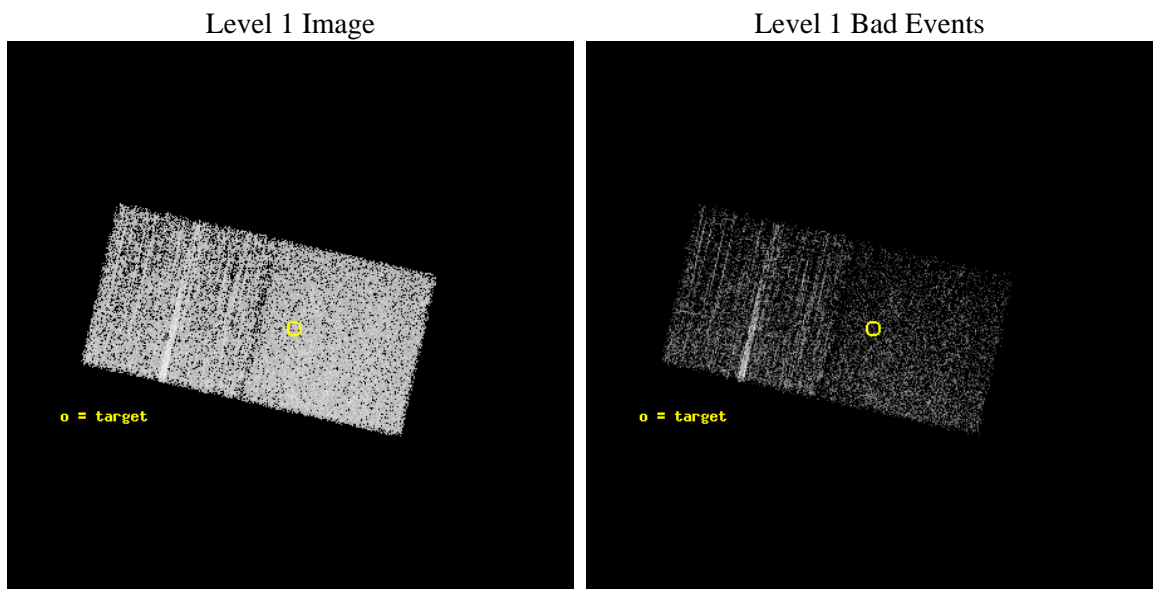
seq_num	401129	Sequence number
obs_id	11813	Observation id
title	Chandra follow-up of X-ray sources in interacting galaxies	Proposa
observer	Dr Jelle Kaastra	Principal investigator
object	SDSSJ135154.1+642212	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.975417	Observer's specified target RA [deg]
dec_targ	64.370222	Observer's specified target Dec [deg]
ra_nom	207.98352239165	Nominal RA [deg]
dec_nom	64.373652151098	Nominal Dec [deg]
roll_nom	12.72369722942	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4182.0	Sum of GTIs [s]
livetime	4125.5623076316	Livetime [s]
ontime6	4182.0	Sum of GTIs [s]
ontime7	4182.0	Sum of GTIs [s]
l2events	22052	Number of level 2 events



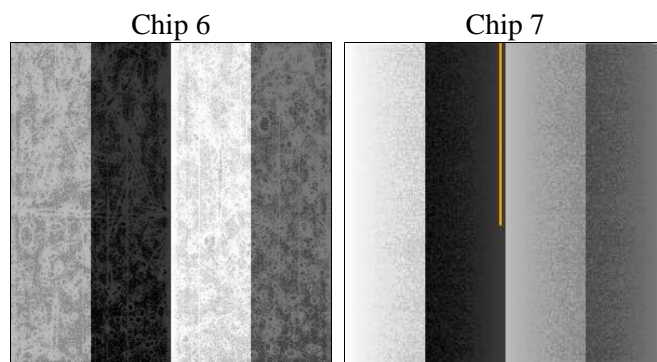
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4182.0	Sum of GTIs [s]
caldsver	4.4.10	 	ontime6	4182.0	Sum of GTIs [s]
date	2012-06-16T01:56:11	Date and time of file creation	ontime7	4182.0	Sum of GTIs [s]
revision	2	Processing version of data	l1events	84784	Number of level 1 events

2.1.4 Events

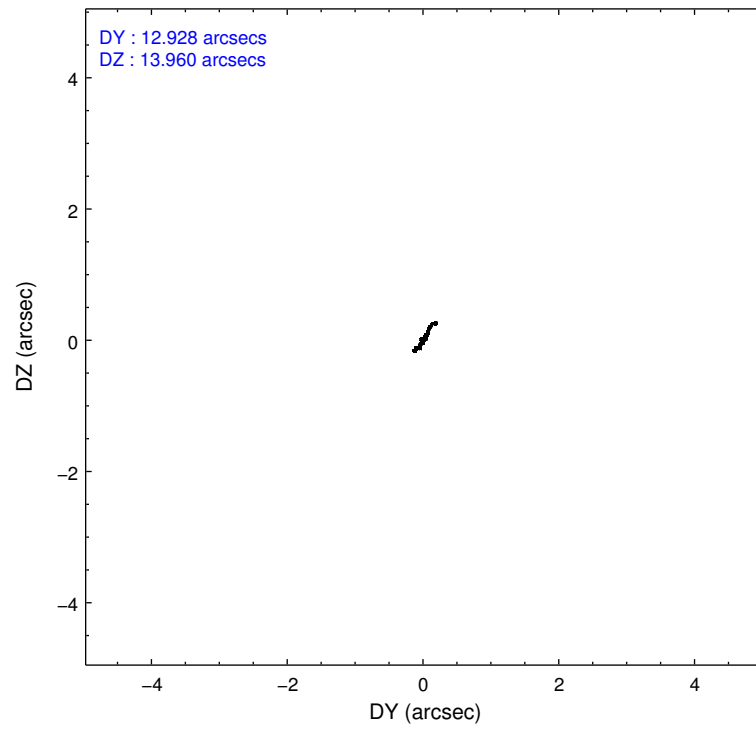
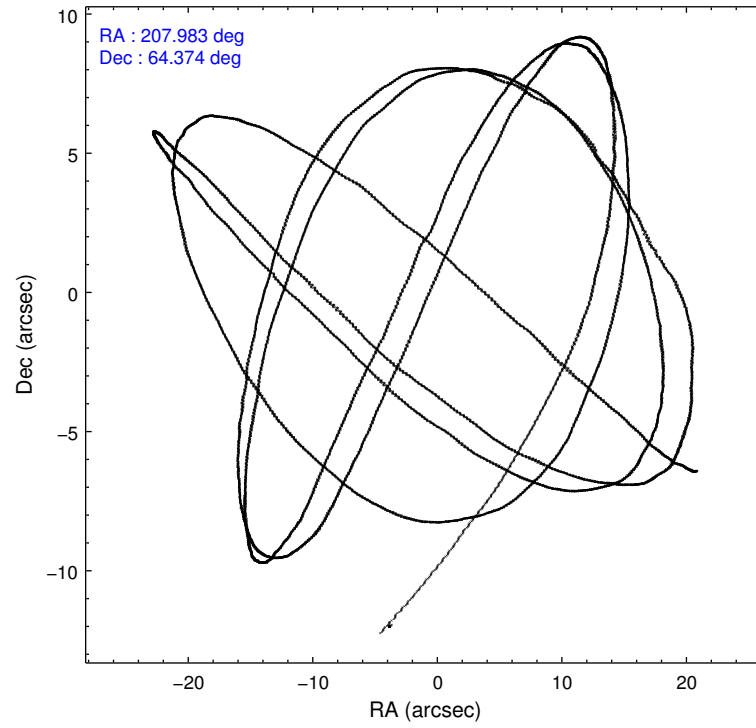
	ccd 6	ccd 7
level 1 events	39135	45649
rejected events	35220	26458
rejected %	89%	57%

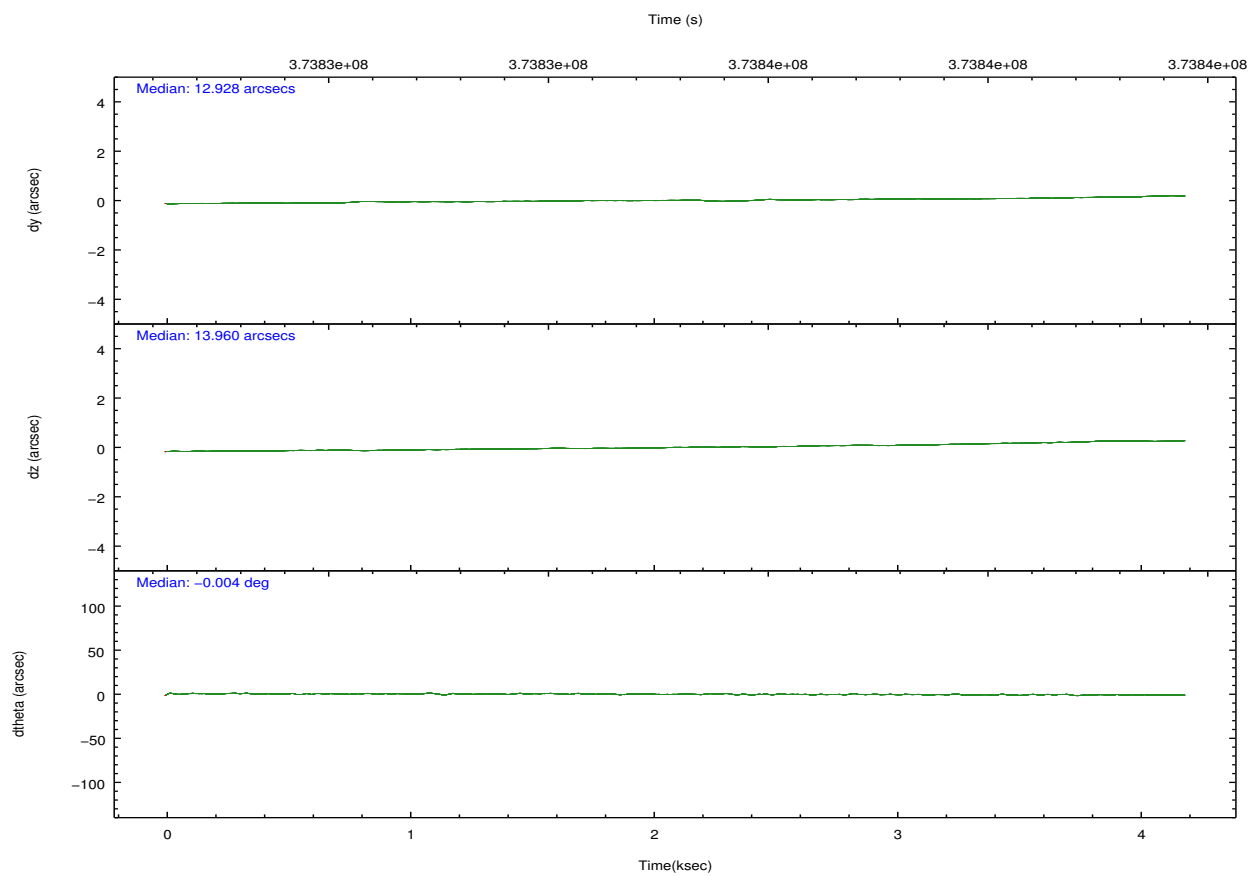
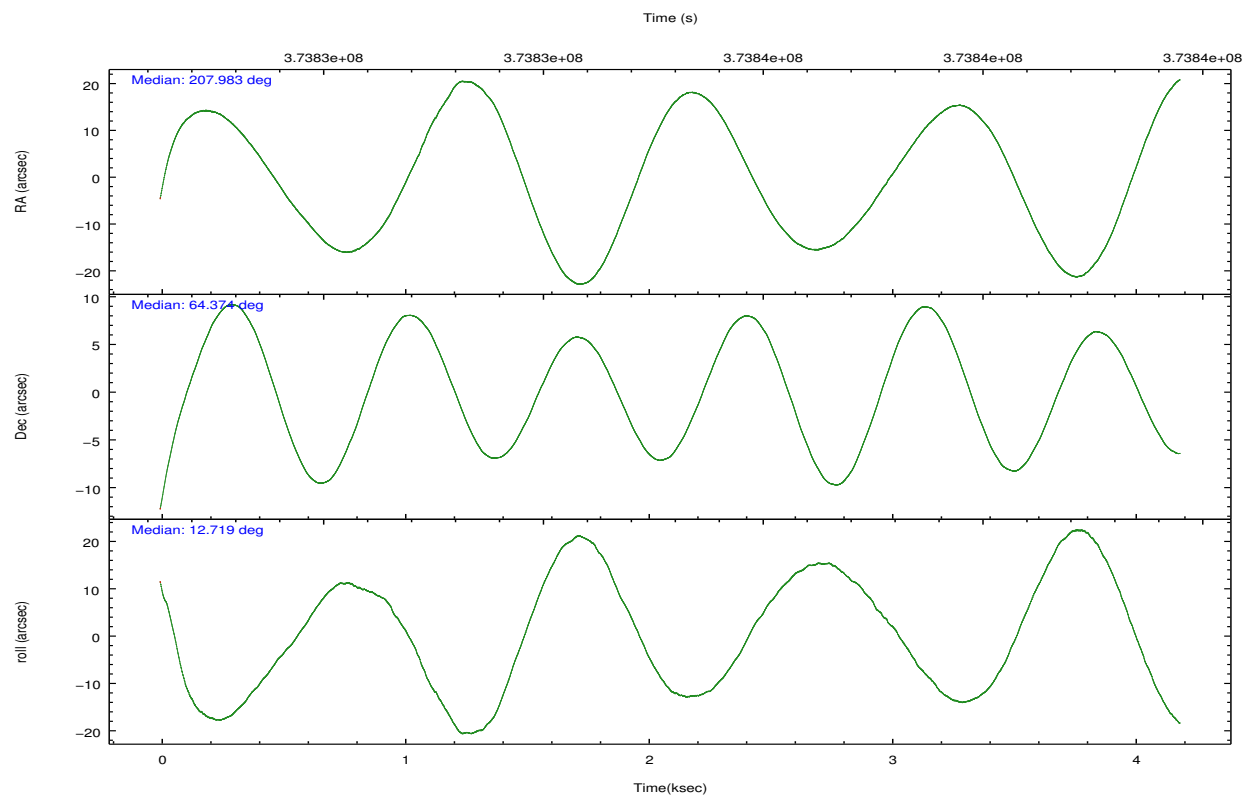
	ccd 6	ccd 7
grade 0 events	1459	1902
	3%	4%
grade 1 events	20	72
	0%	0%
grade 2 events	941	4144
	2%	9%
grade 3 events	450	1857
	1%	4%
grade 4 events	421	1842
	1%	4%
grade 5 events	1649	4696
	4%	10%
grade 6 events	943	10910
	2%	23%
grade 7 events	33252	20226
	84%	44%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-67	ACIS-67	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	207.937606	207.9835223916459	CCD I2 on	N	N
[deg] Pointing Dec	64.354781	64.37365215109767	CCD I3 on	N	N
[deg] Pointing Roll	12.608464	12.72369722941963	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O1	Y
[mm] SIM translation stage pos	-190.132523	-190.1400660498719	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.00754346686406393	CCD S4 on	N	N
[s] Observation start time (MET)	373832660.184000	373831703.67896	CCD S5 on	N	N
Observation start date	2009-11-05T18:23:14	2009-11-05T18:08:23	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	373836660.184000	373837493.90425	On-chip summing requested	N	N
Observation end date	2009-11-05T19:29:54	2009-11-05T19:44:53	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3

2.3 Aspect



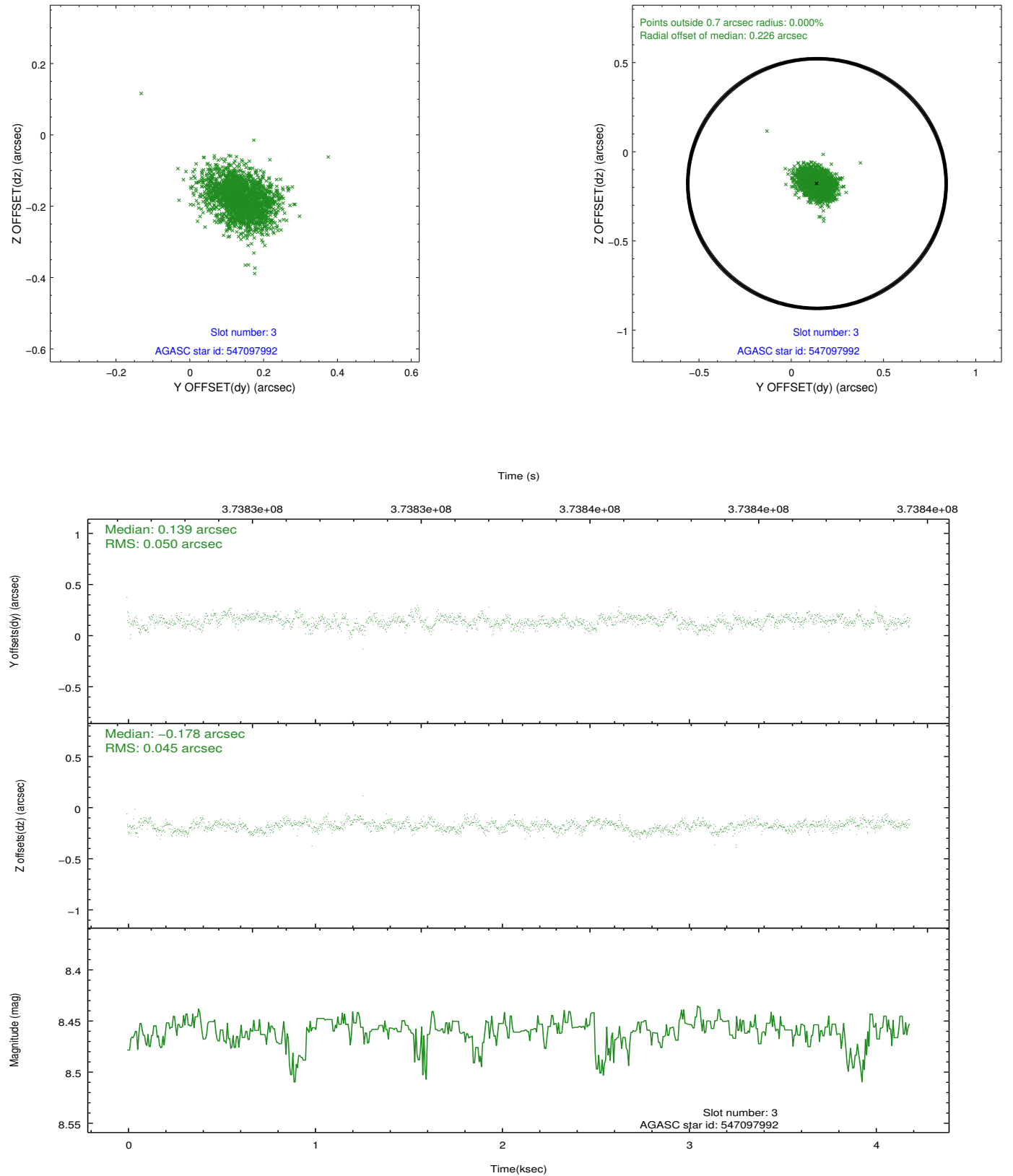


Slot Statistics

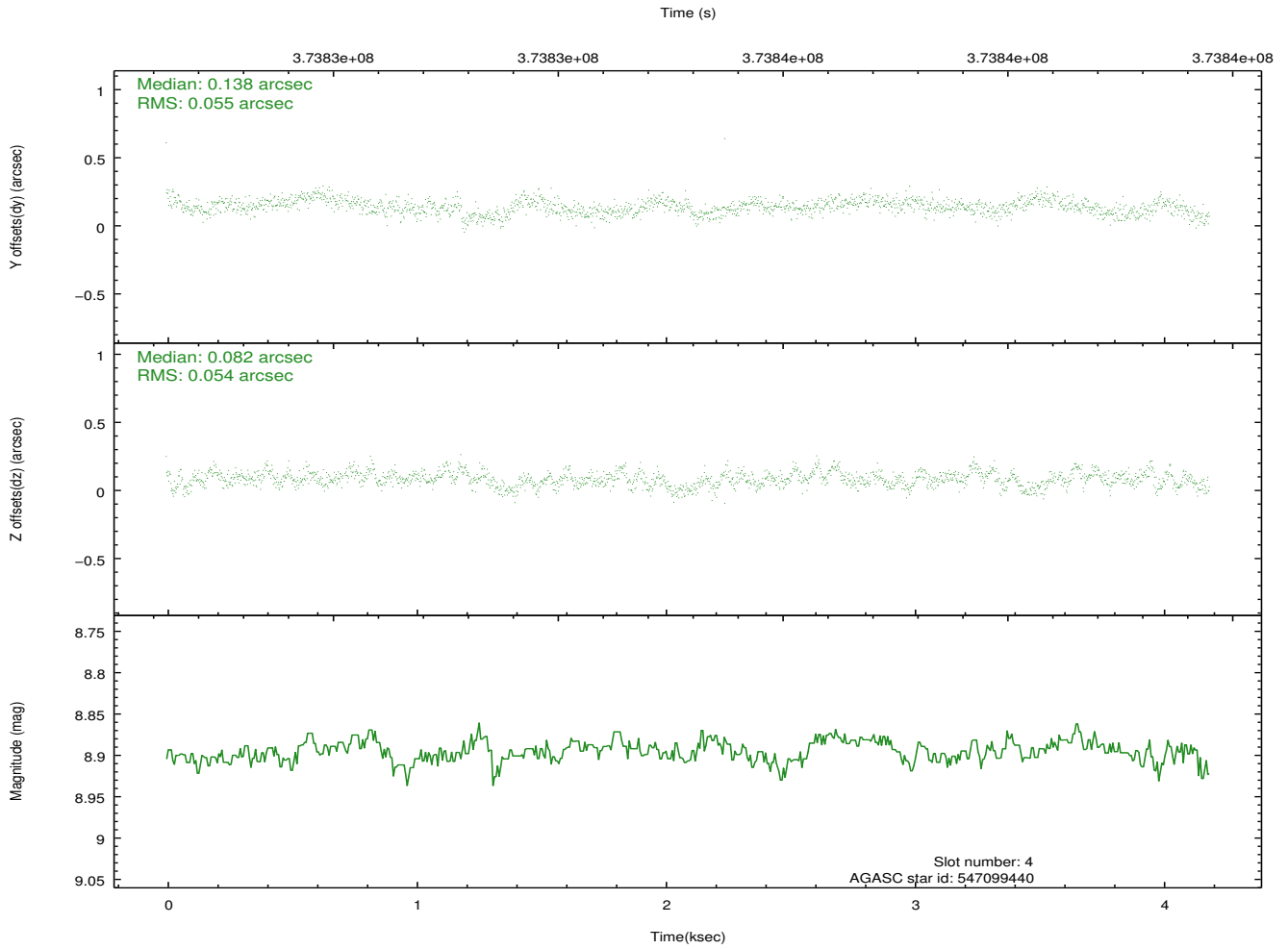
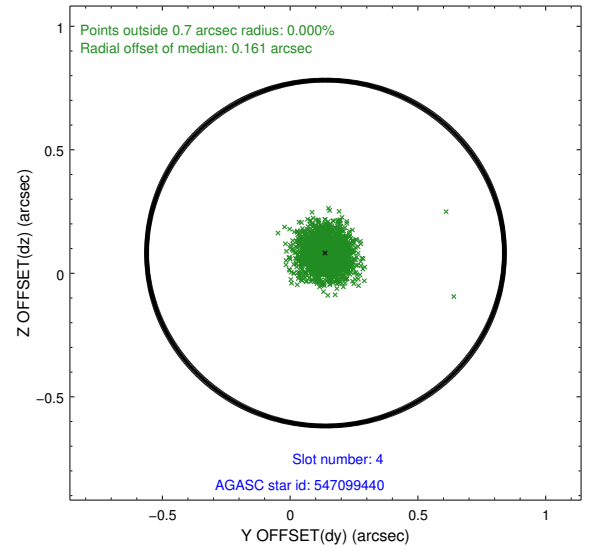
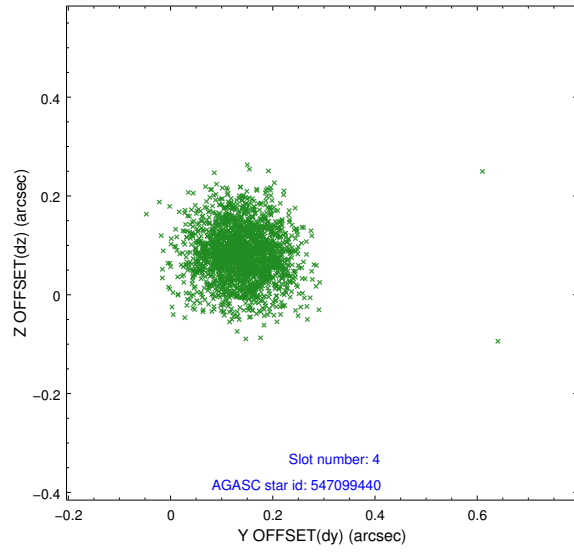
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.91	1022	-0.034	-0.030	0.008	0.013	0.000000	0.000000	-765.88	-1735.36
1	FID	ACIS-S-4	6.99	1022	0.141	0.025	0.009	0.018	0.000000	0.000000	2146.89	171.65
2	FID	ACIS-S-5	7.03	1022	-0.139	0.015	0.007	0.011	0.000000	0.000000	-1816.93	166.98
3	GUIDE	547097992	8.46	2044	0.139	-0.178	0.070	0.114	206.374363	64.630733	-2129.12	1524.48
4	GUIDE	547099440	8.90	2033	0.138	0.082	0.080	0.131	206.873024	64.026859	-1893.39	-771.08
5	GUIDE	547101168	7.85	2044	-0.057	0.033	0.066	0.107	208.384078	64.245330	595.23	-534.89
6	GUIDE	547102360	9.95	2042	-0.060	0.015	0.129	0.208	209.359869	64.083365	1975.95	-1416.90
7	GUIDE	547099584	9.46	2042	-0.164	0.051	0.099	0.164	208.432961	64.237087	665.57	-580.40

2.4 Star Slots

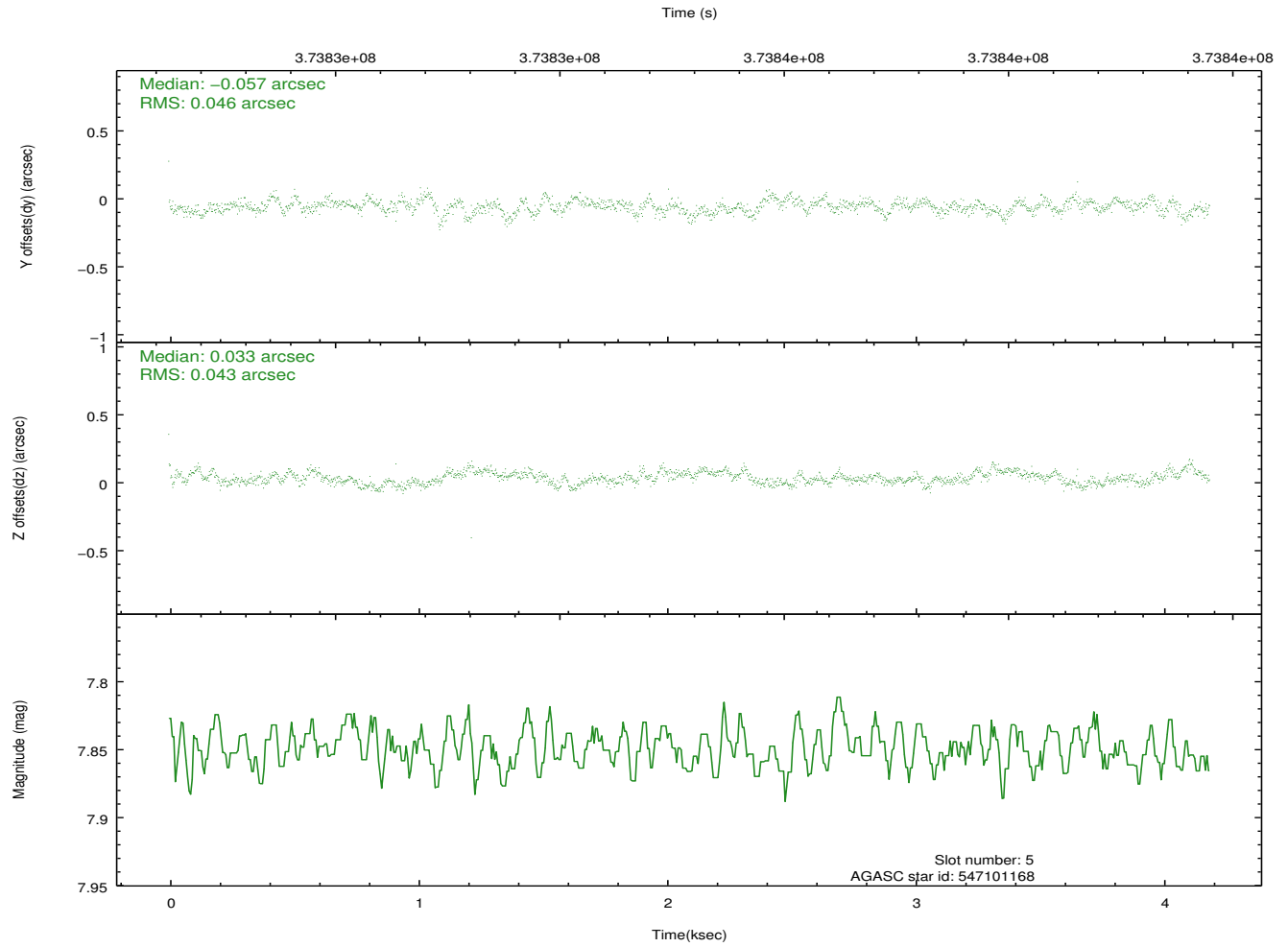
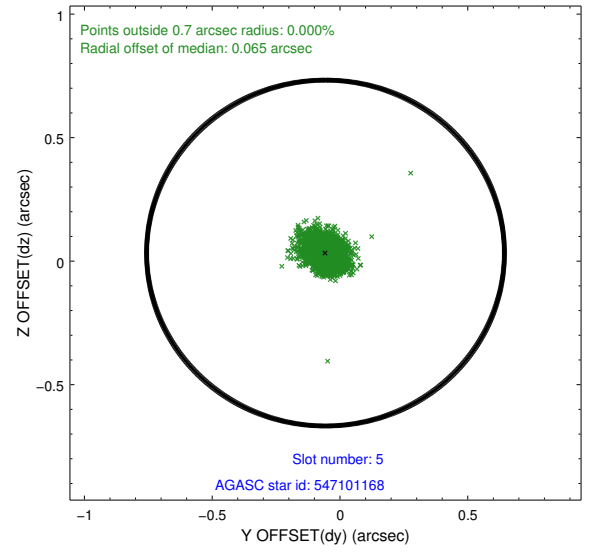
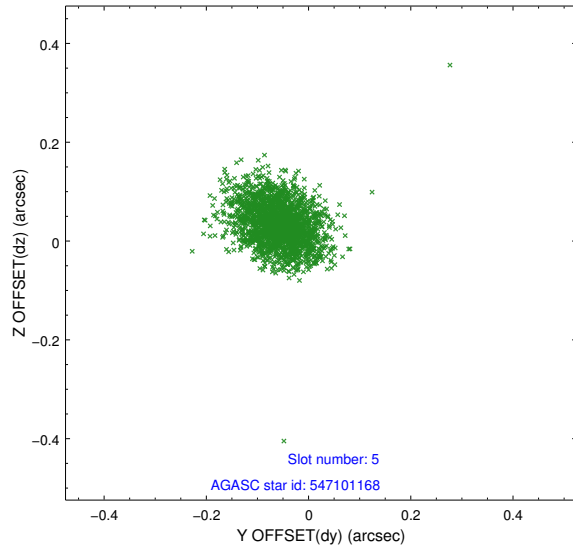
2.4.1 Slot 3



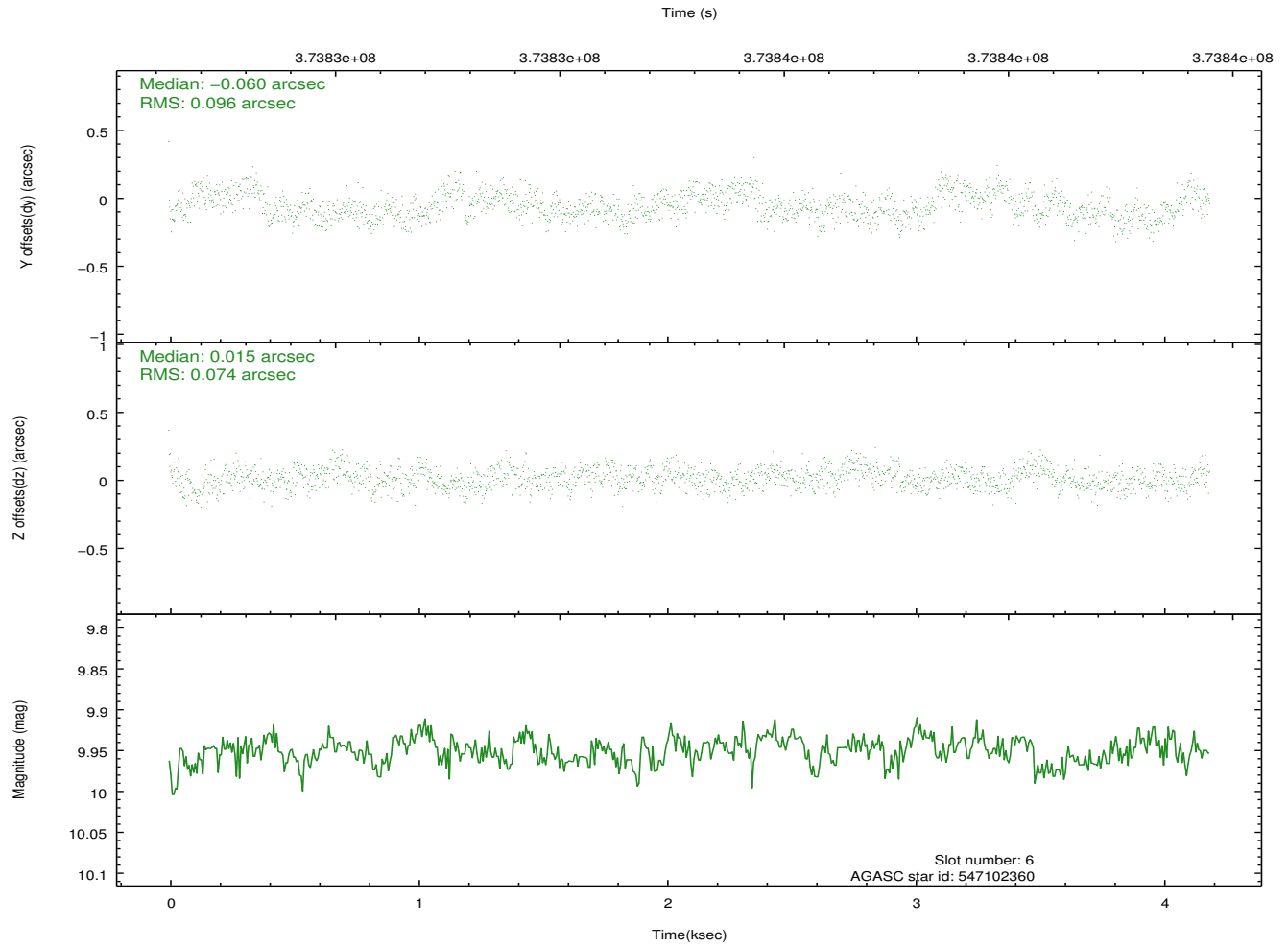
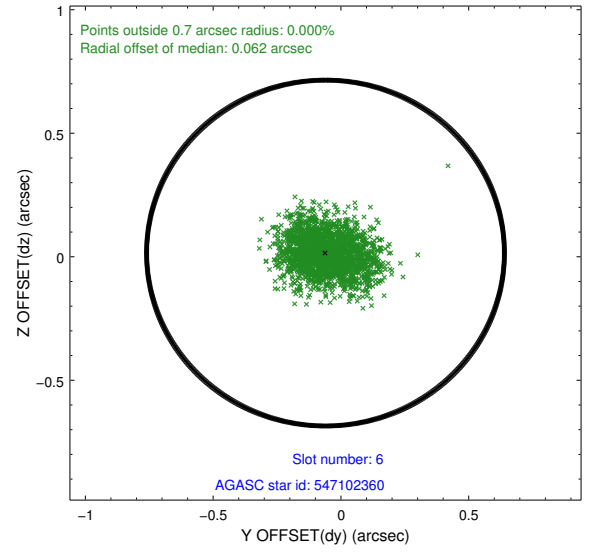
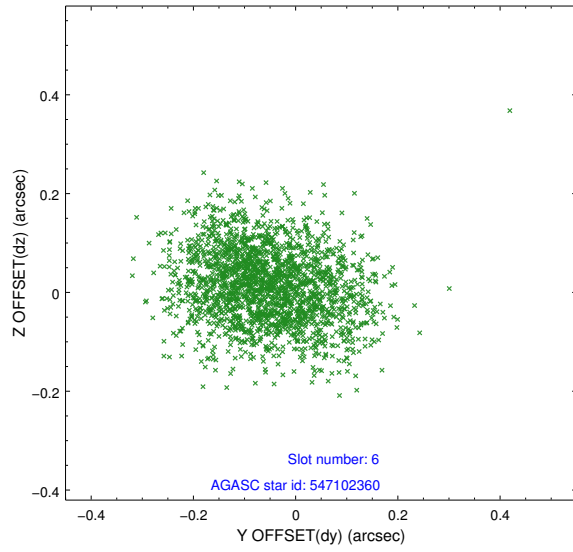
2.4.2 Slot 4



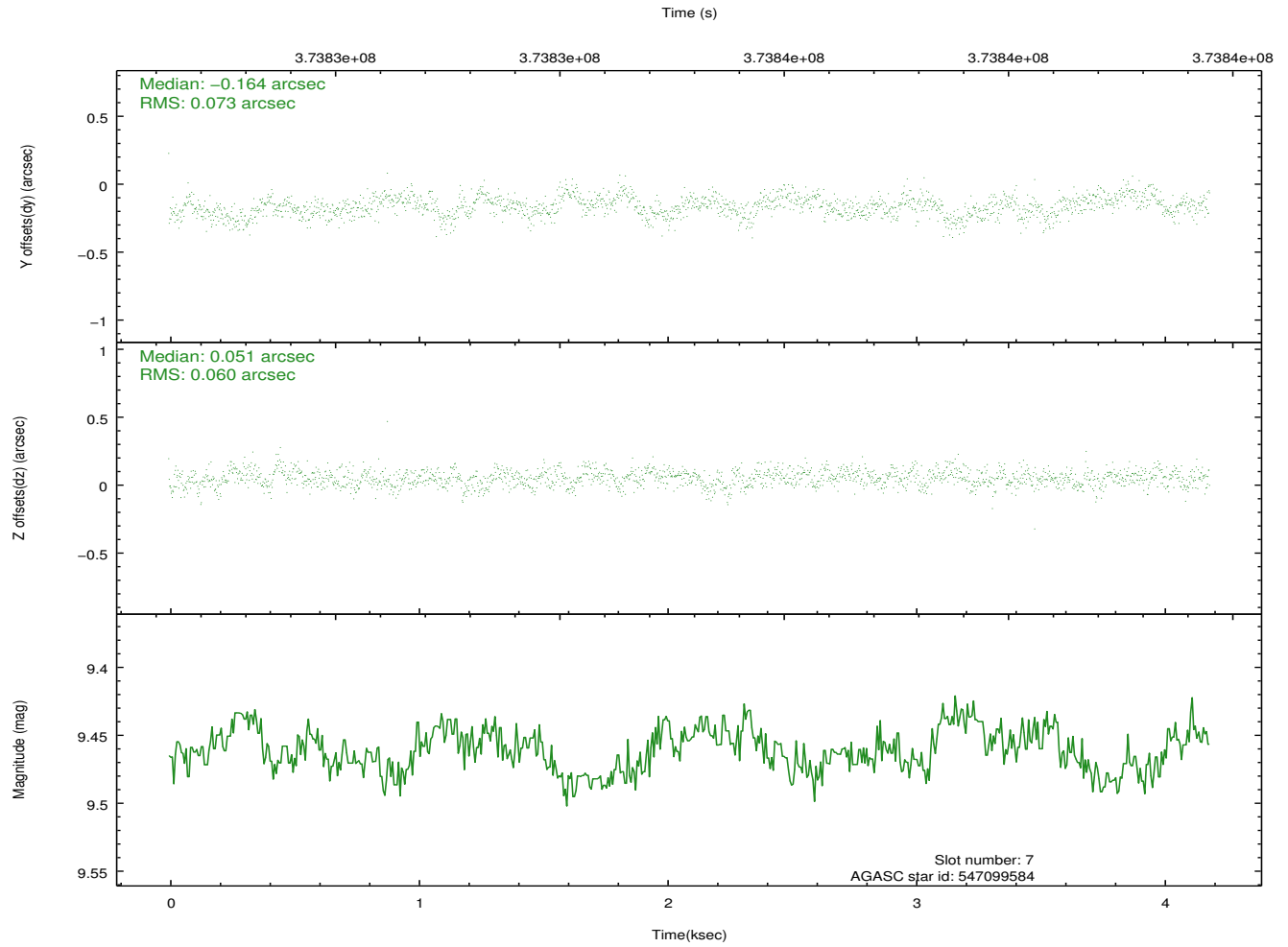
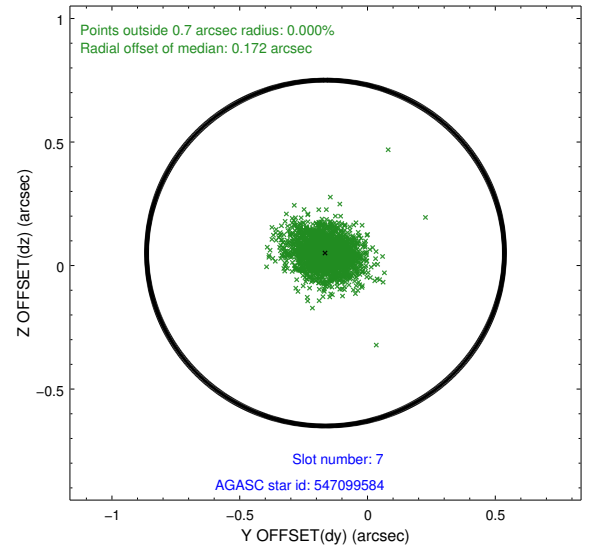
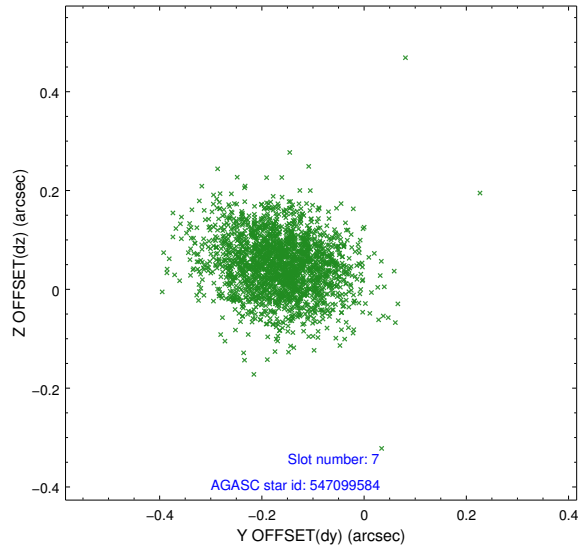
2.4.3 Slot 5



2.4.4 Slot 6

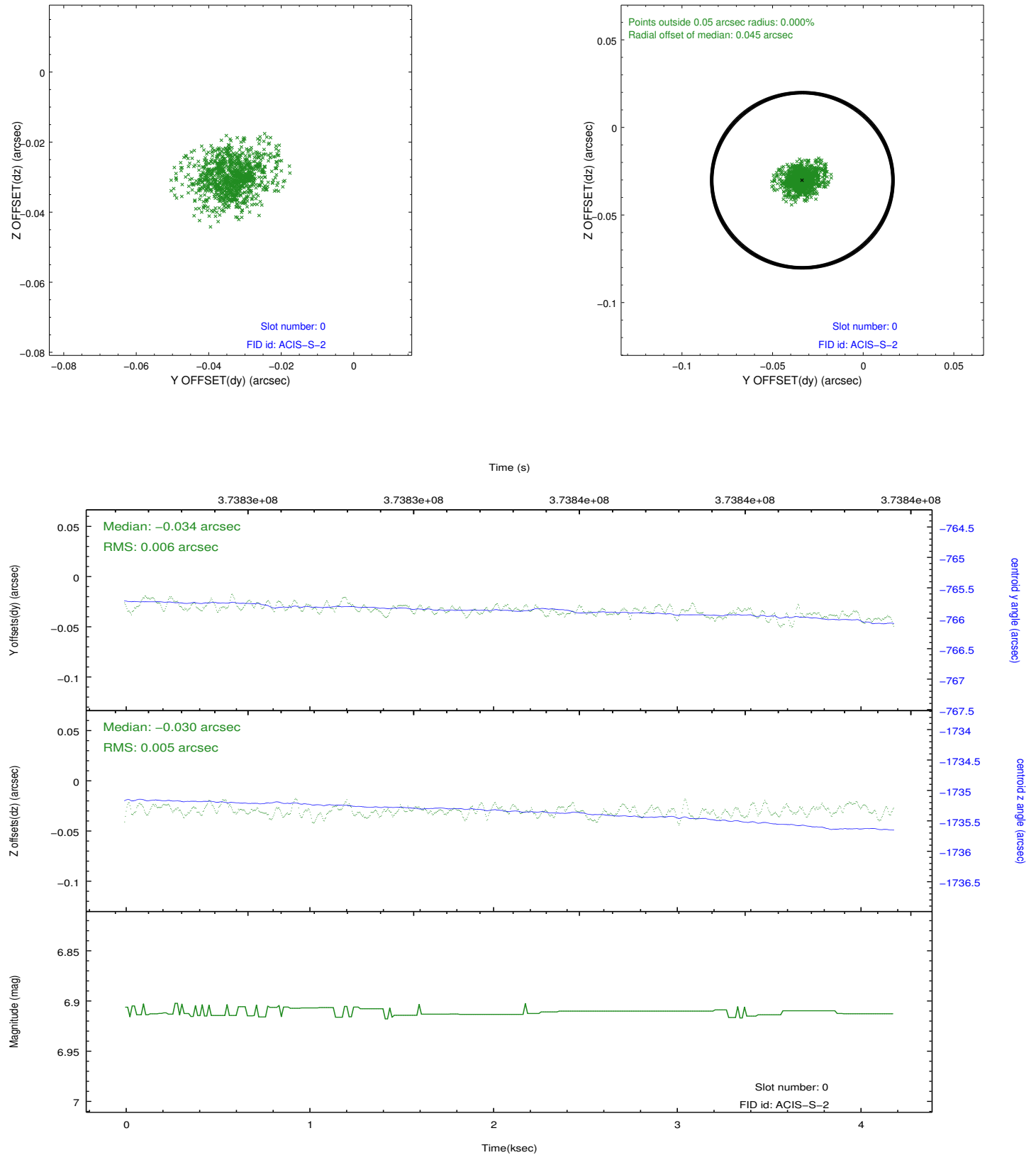


2.4.5 Slot 7

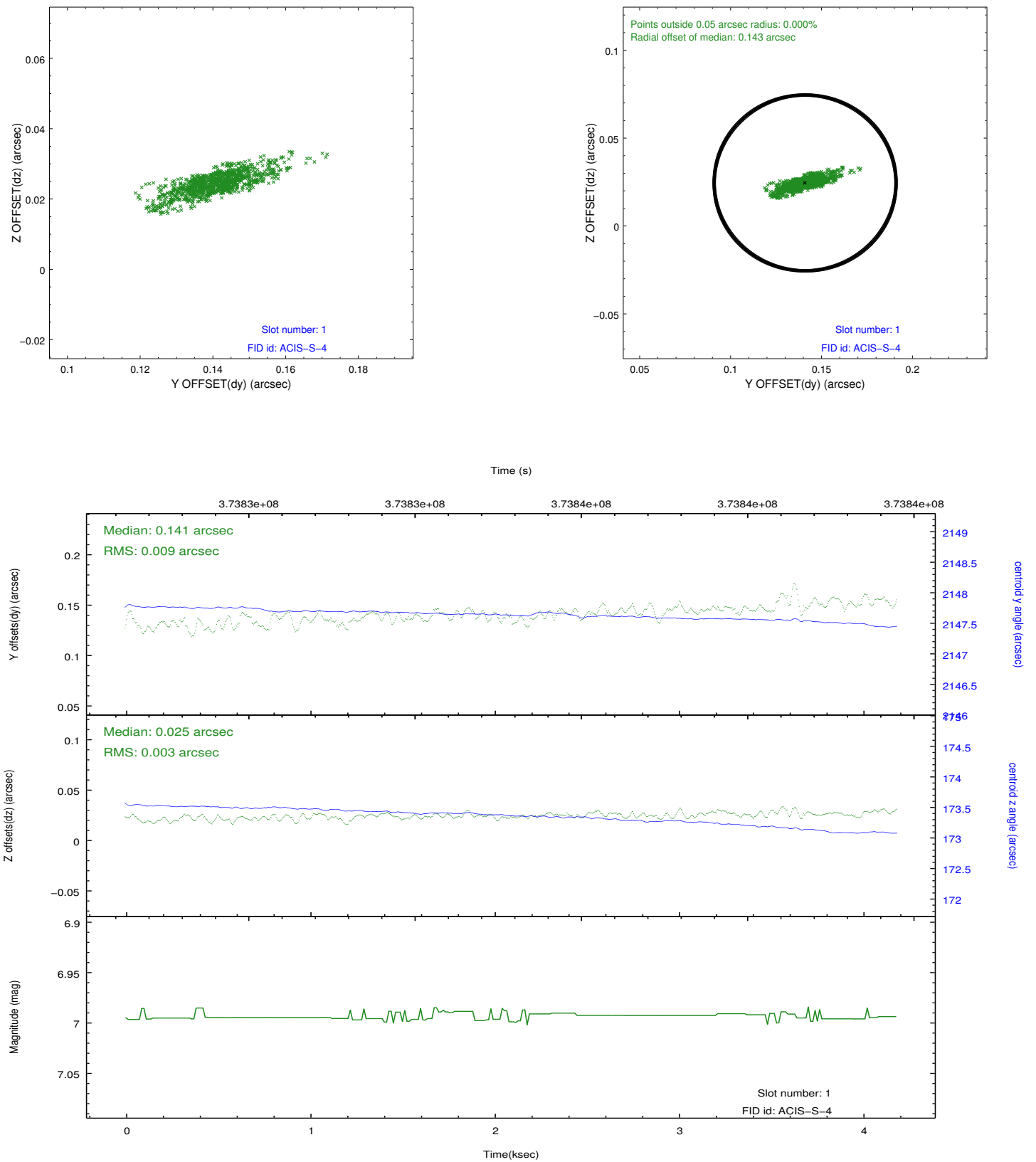


2.5 FID Slots

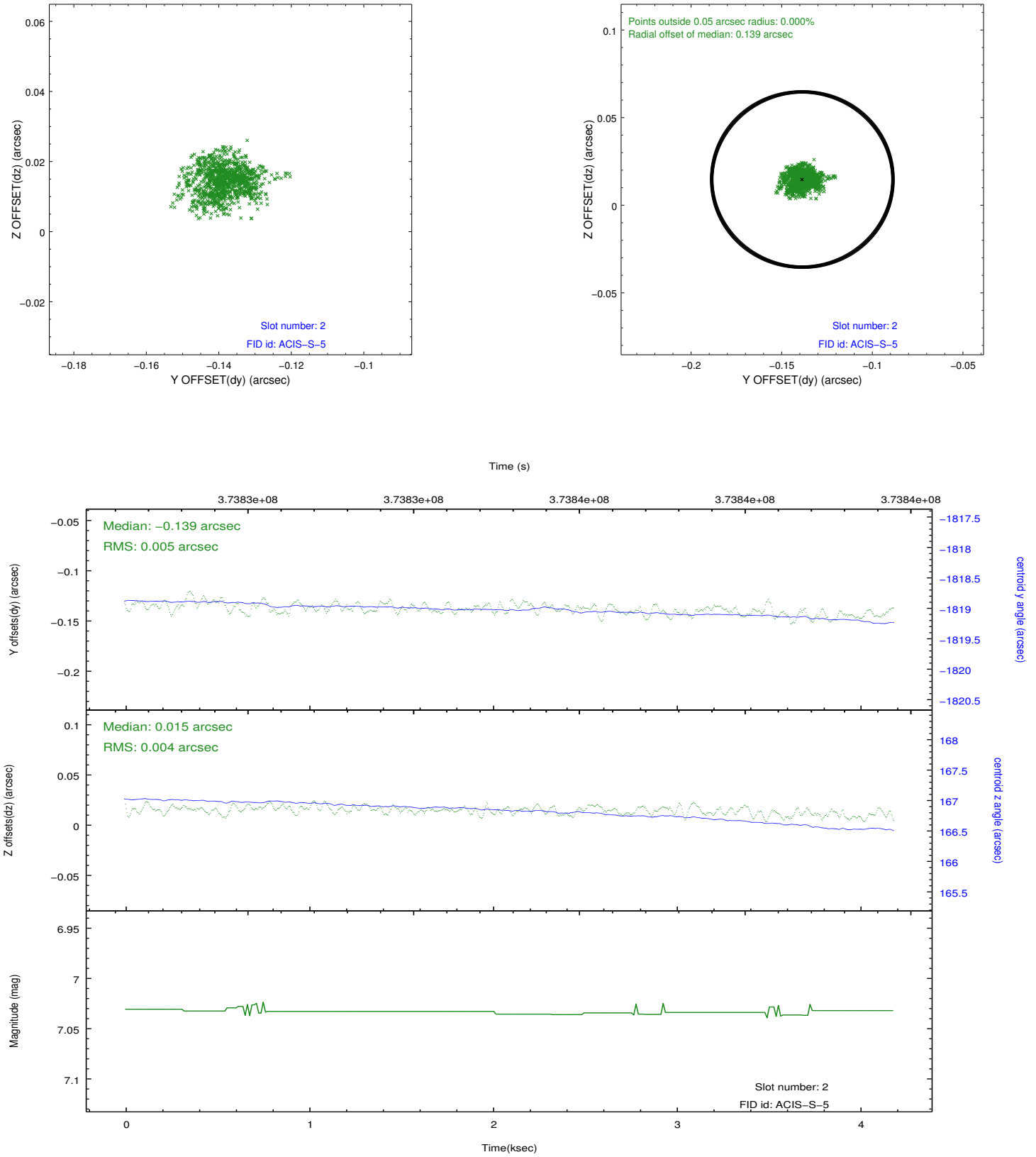
2.5.1 Slot 0



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)	2012.06.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.182

A.2 Comments