

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3341 - L2 Version 3
Chandra X-Ray Center

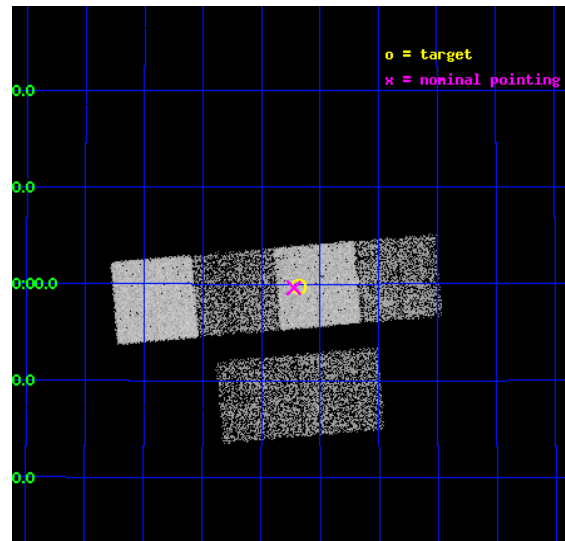
L2 Processing Date : Oct 18 2012

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1 Front

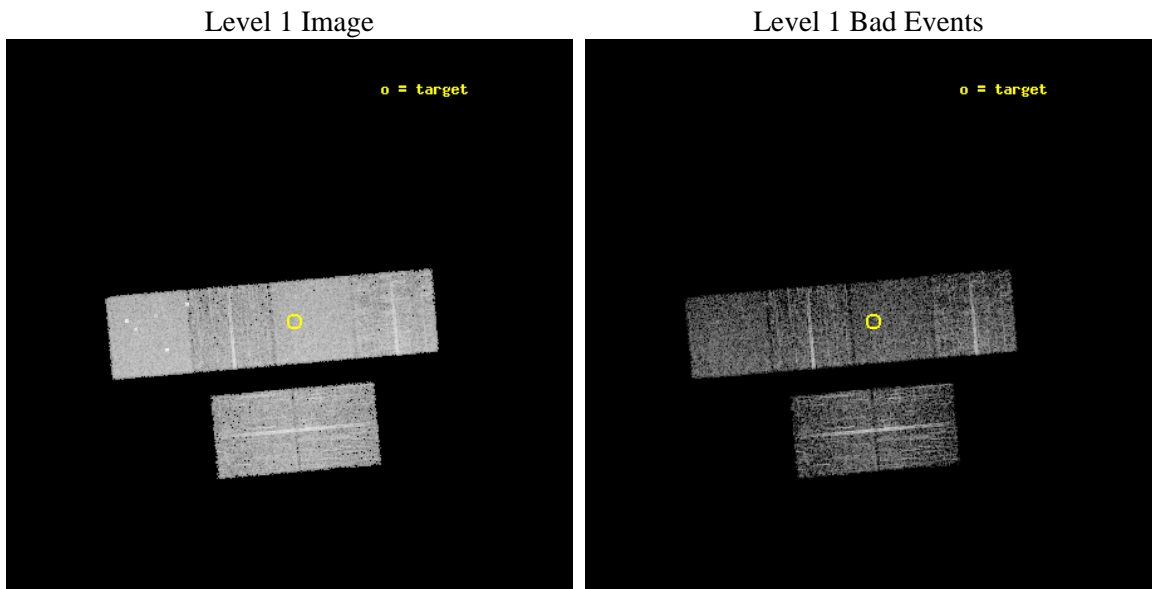
seq_num	900180	Sequence number
obs_id	3341	Observation id
title	THE SHEEP SURVEY: WHAT KIND OF OBJECTS MAKE THE X-RAY BACKGROUND?	
observer	Prof Kirpal Nandra	Principal investigator
object	AX J1618.1+3459	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	244.544583	Observer's specified target RA [deg]
dec_targ	34.996111	Observer's specified target Dec [deg]
ra_nom	244.55591829816	Nominal RA [deg]
dec_nom	34.99354773769	Nominal Dec [deg]
roll_nom	355.04887301133	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4931.1999816298	Sum of GTIs [s]
livetime	4868.7581582503	Livetime [s]
ontime2	4931.1999816298	Sum of GTIs [s]
ontime3	4931.1999816298	Sum of GTIs [s]
ontime5	4931.1999816298	Sum of GTIs [s]
ontime6	4931.1999816298	Sum of GTIs [s]
ontime7	4931.1999816298	Sum of GTIs [s]
ontime8	4931.1999816298	Sum of GTIs [s]
l2events	50890	Number of level 2 events



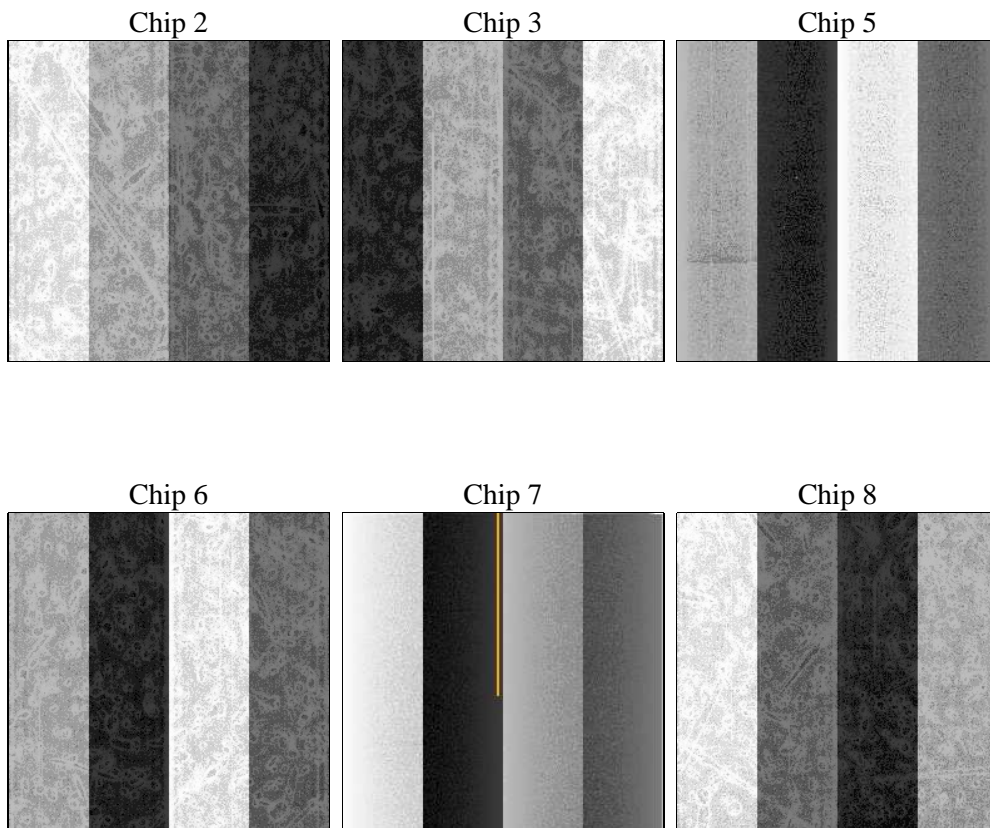
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4931.1999816298	Sum of GTIs [s]
caldbver	4.5.2	 	ontime2	4931.1999816298	Sum of GTIs [s]
date	2012-10-18T03:42:59	Date and time of file creation	ontime3	4931.1999816298	Sum of GTIs [s]
revision	3	Processing version of data	ontime5	4931.1999816298	Sum of GTIs [s]
			ontime6	4931.1999816298	Sum of GTIs [s]
			ontime7	4931.1999816298	Sum of GTIs [s]
			ontime8	4931.1999816298	Sum of GTIs [s]
			l1events	219355	Number of level 1 events

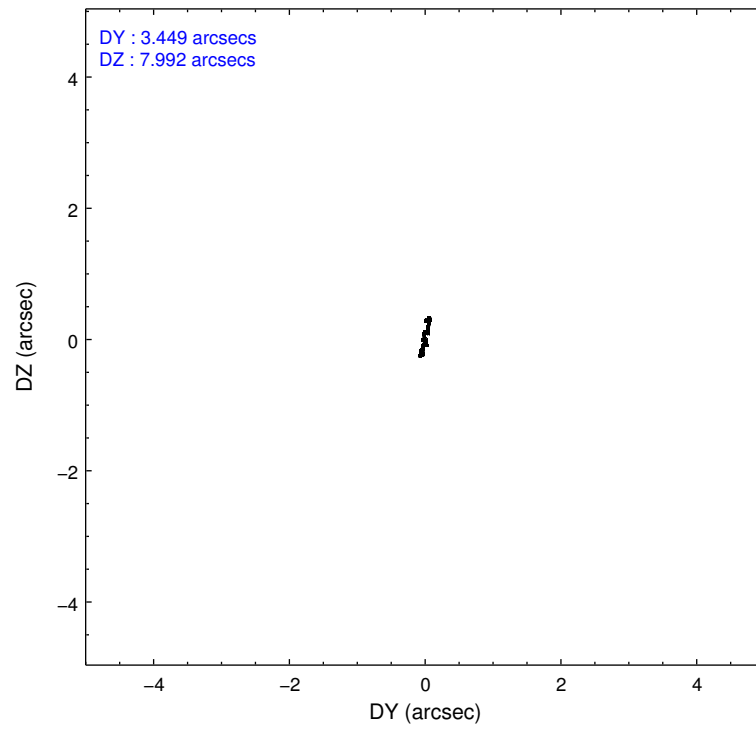
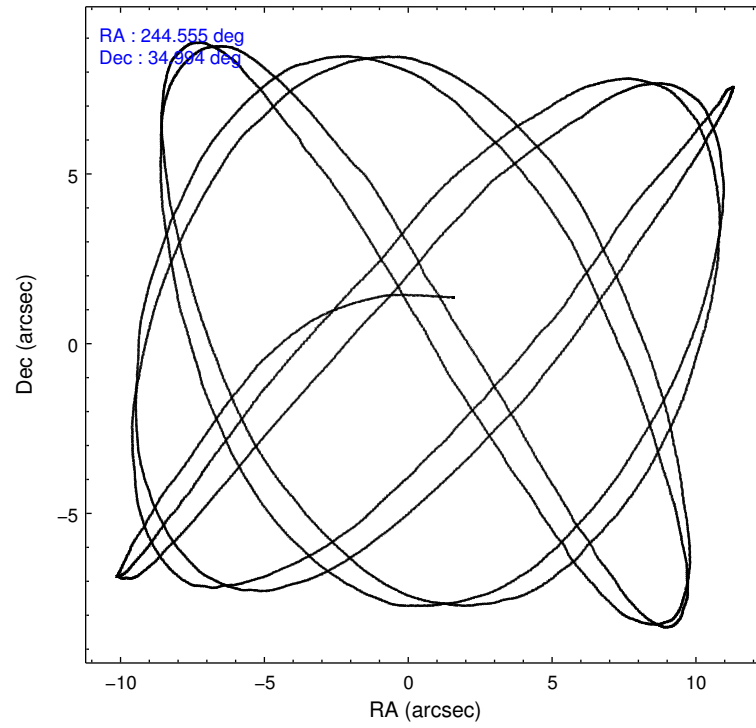
2.1.4 Events

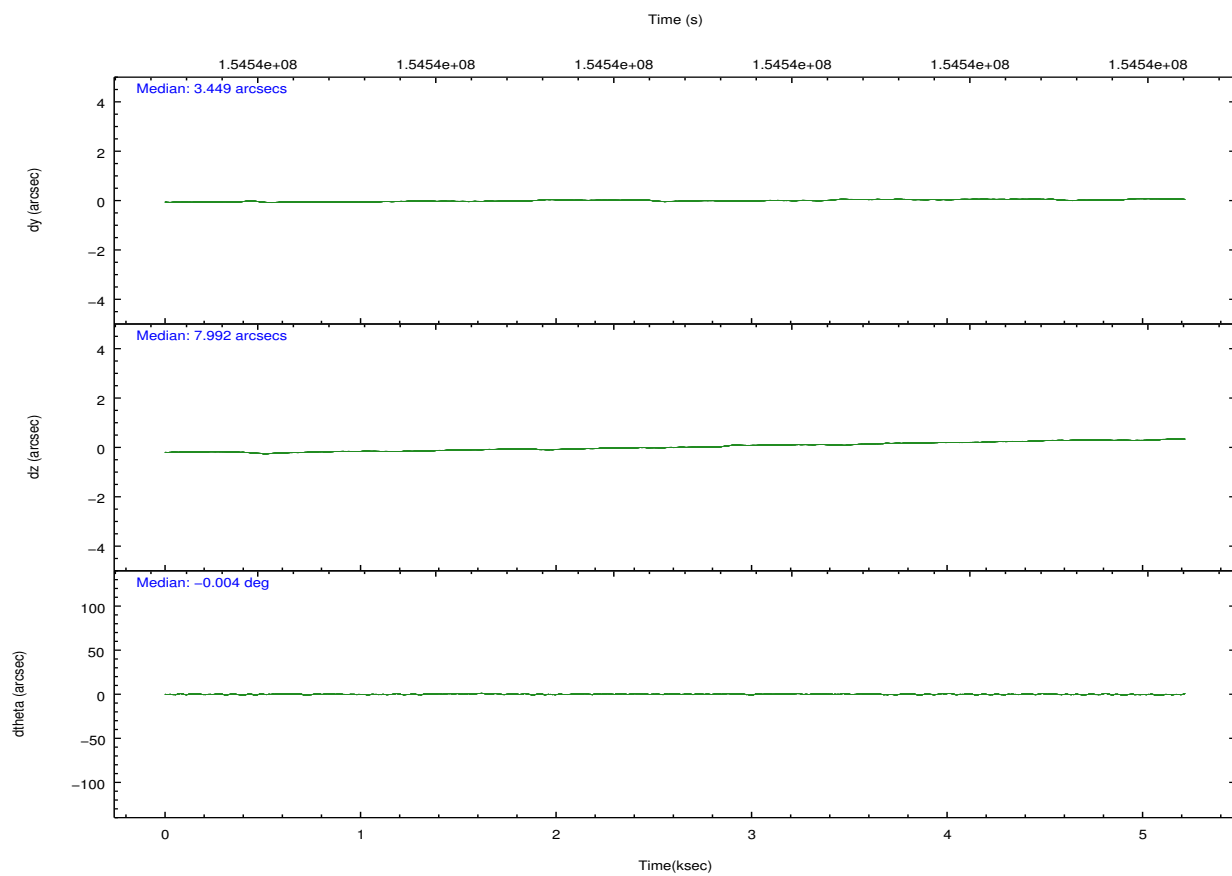
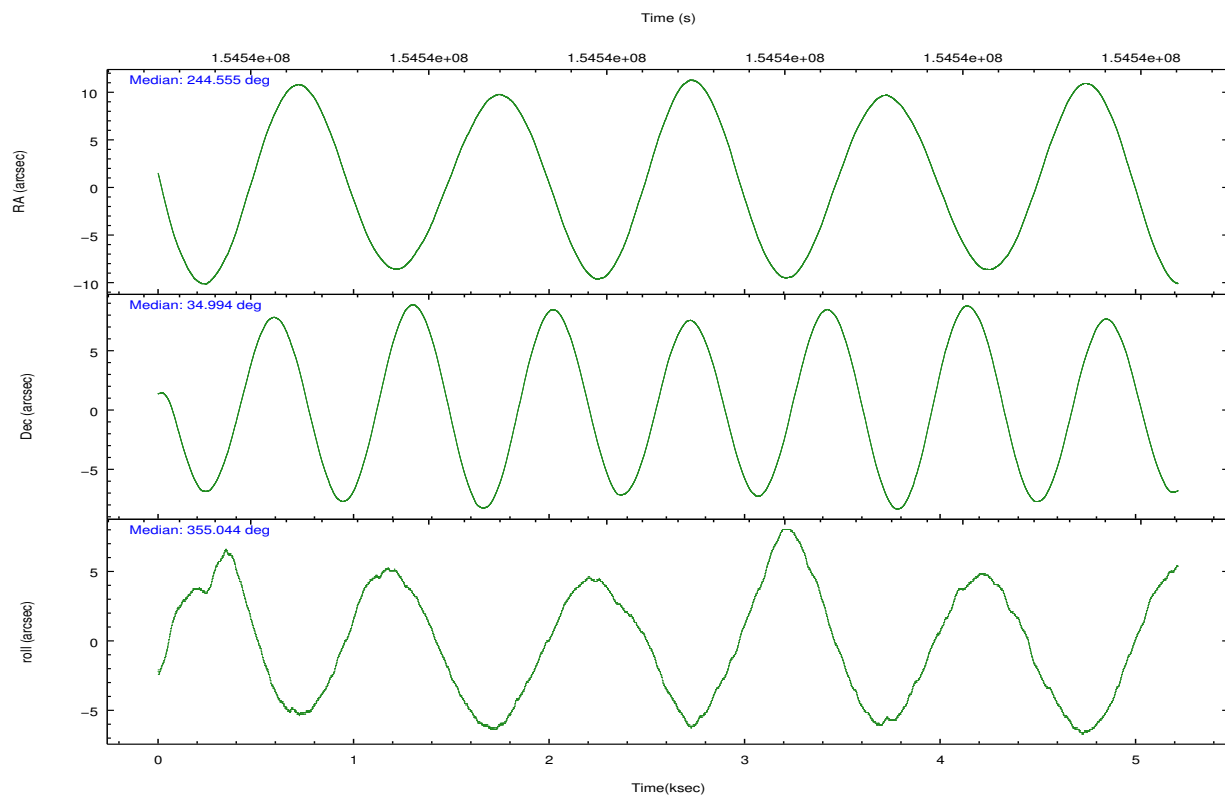
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	31752	30614	45757	31275	41595	38362	grade 0 events	1665	1725	3173	1616	1860	3232
rejected events	27993	26986	24091	27491	23726	29452		5%	5%	6%	5%	4%	8%
rejected %	88%	88%	52%	87%	57%	76%	grade 1 events	15	24	114	18	35	30
								0%	0%	0%	0%	0%	0%
							grade 2 events	737	642	5932	763	3586	1750
								2%	2%	12%	2%	8%	4%
							grade 3 events	381	344	896	341	1619	920
								1%	1%	1%	1%	3%	2%
							grade 4 events	370	334	825	365	1607	846
								1%	1%	1%	1%	3%	2%
							grade 5 events	1192	1316	3392	1356	3827	1773
								3%	4%	7%	4%	9%	4%
							grade 6 events	606	584	10852	702	9213	2168
								1%	1%	23%	2%	22%	5%
							grade 7 events	26786	25645	20573	26114	19848	27643
								84%	83%	44%	83%	47%	72%

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	244.526067	244.5559182981574	Subarray requested	NONE	NONE
[deg] Pointing Dec	34.981737	34.9935477376901	Alternating exposures requested	N	N
[deg] Pointing Roll	354.909373	355.0488730113341	[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	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	154538952.184000	154537974.93257			
Observation start date	2002-11-24T15:28:08	2002-11-24T15:12:54			
[s] Observation end time (MET)	154543952.184000	154544365.29534			
Observation end date	2002-11-24T16:51:28	2002-11-24T16:59:25			
Read mode	TIMED	TIMED			

2.3 Aspect



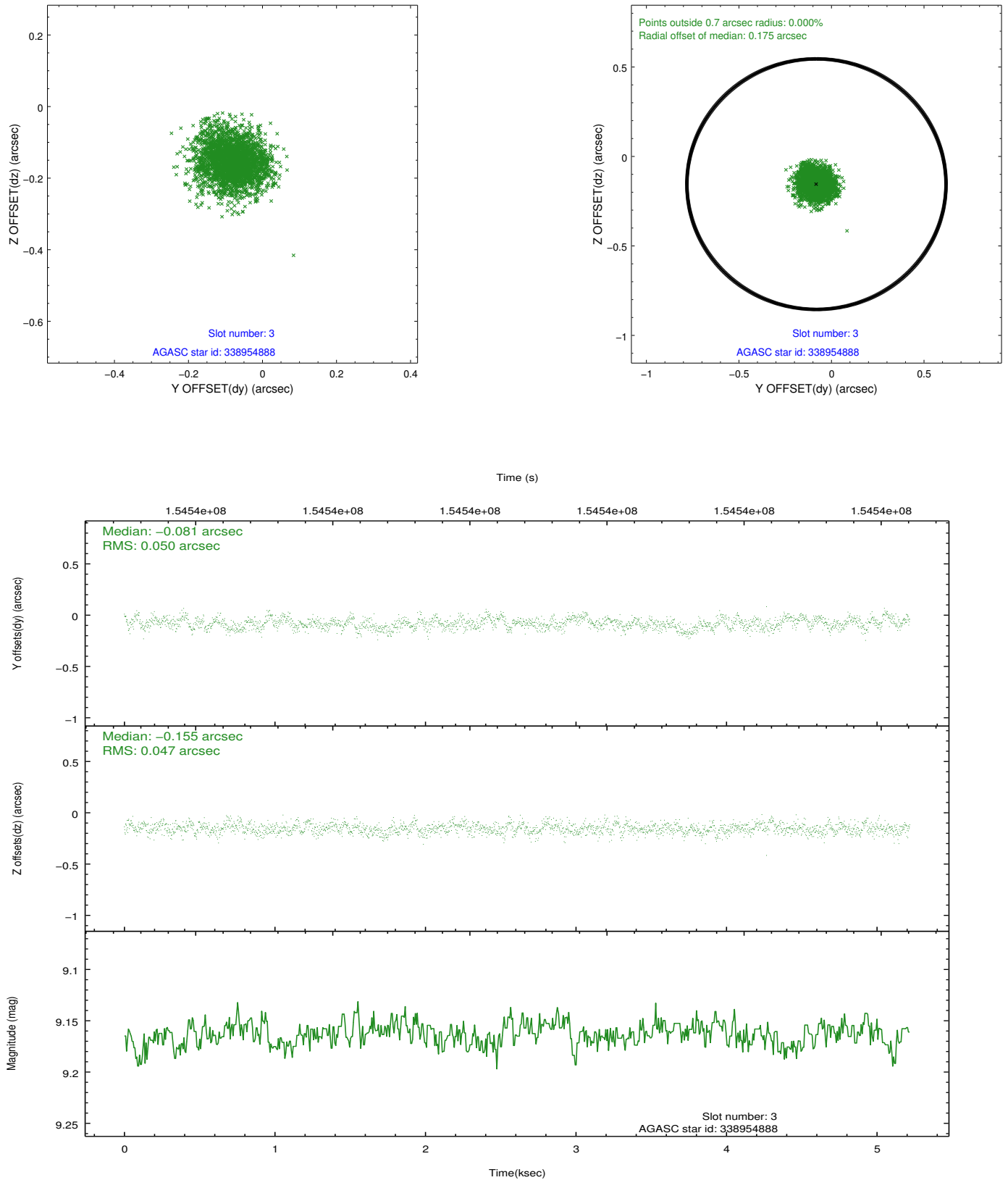


Slot Statistics

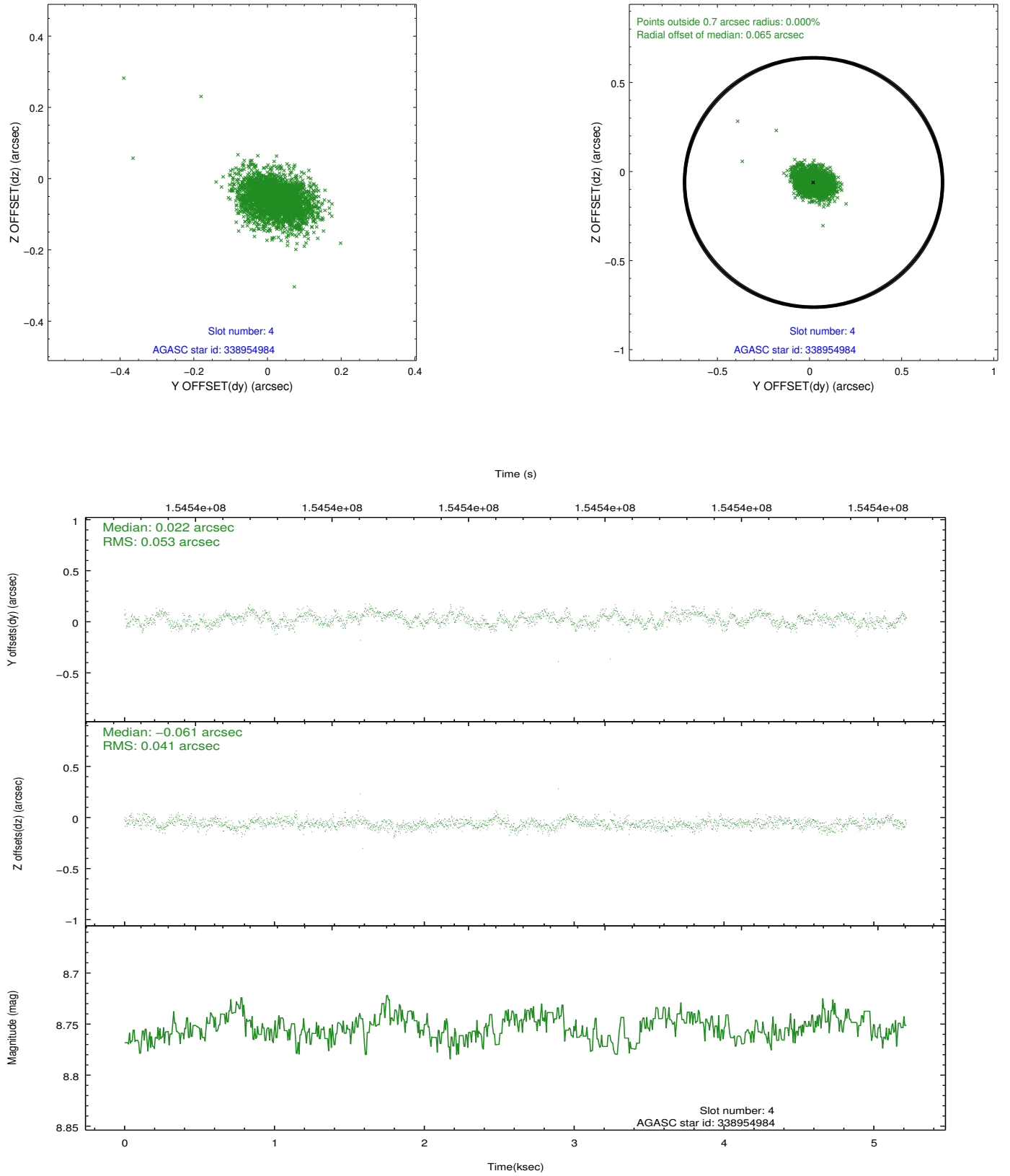
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	1273	0.002	0.006	0.008	0.013	0.000000	0.000000	-756.11	-1729.15
1	FID	ACIS-S-4	7.20	1273	-0.014	-0.003	0.006	0.011	0.000000	0.000000	2156.64	178.11
2	FID	ACIS-S-5	7.24	1273	-0.019	0.006	0.007	0.012	0.000000	0.000000	-1807.47	173.14
3	GUIDE	338954888	9.16	2544	-0.081	-0.155	0.074	0.118	244.962818	35.513386	1105.78	2022.75
4	GUIDE	338954984	8.75	2545	0.022	-0.061	0.069	0.112	243.868741	35.485553	-2079.29	1642.53
5	GUIDE	338576432	8.79	2544	-0.013	0.015	0.081	0.128	243.692839	34.516402	-2313.59	-1877.19
6	GUIDE	338566360	9.69	2545	0.051	0.158	0.102	0.165	243.866393	34.463228	-1784.69	-2027.40
7	GUIDE	338566056	9.46	2544	0.024	0.044	0.090	0.147	245.242665	34.367391	2317.44	-2007.02

2.4 Star Slots

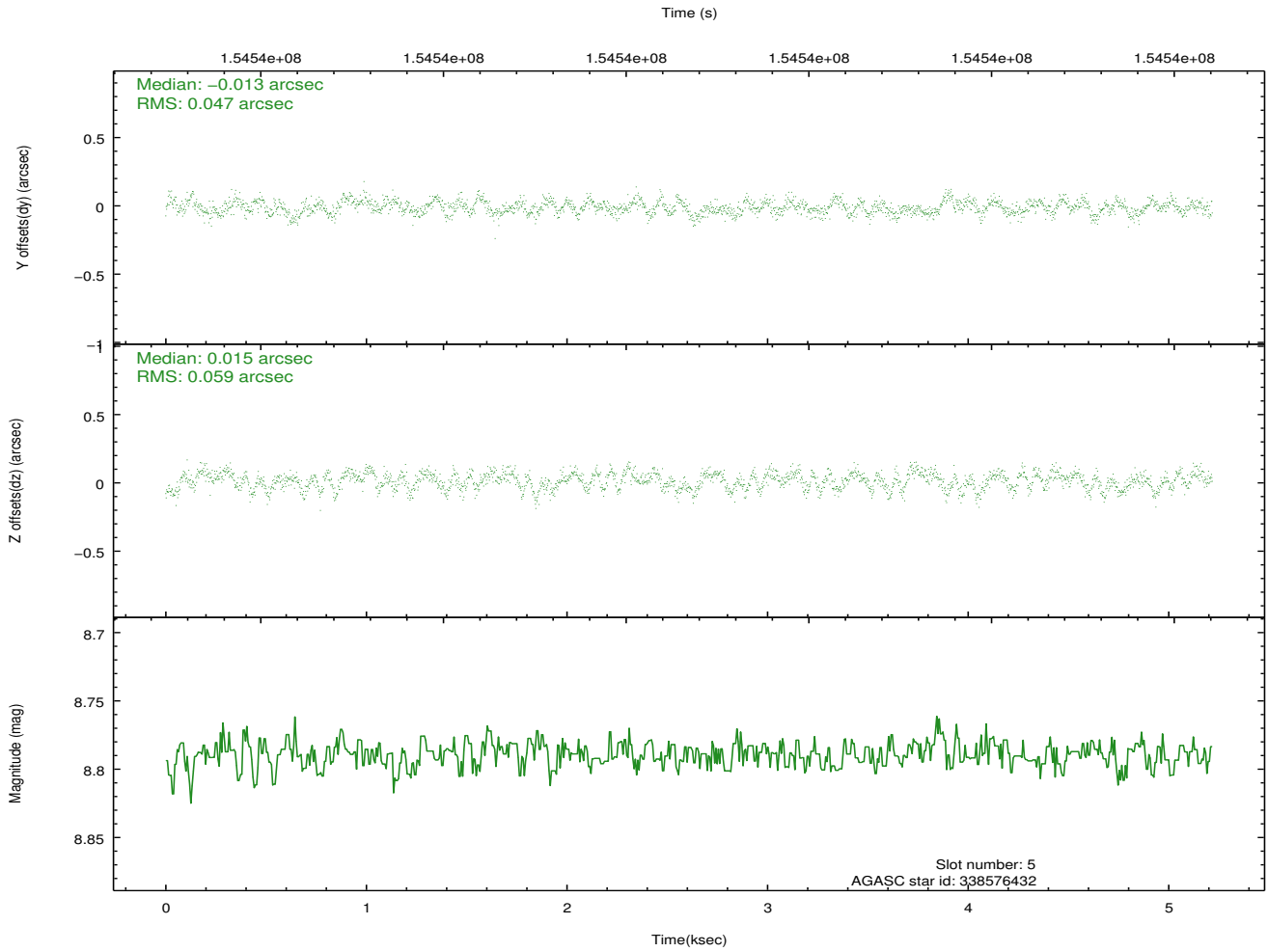
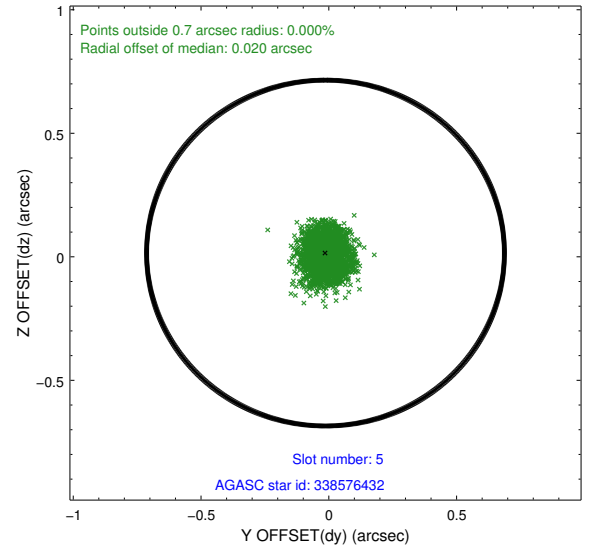
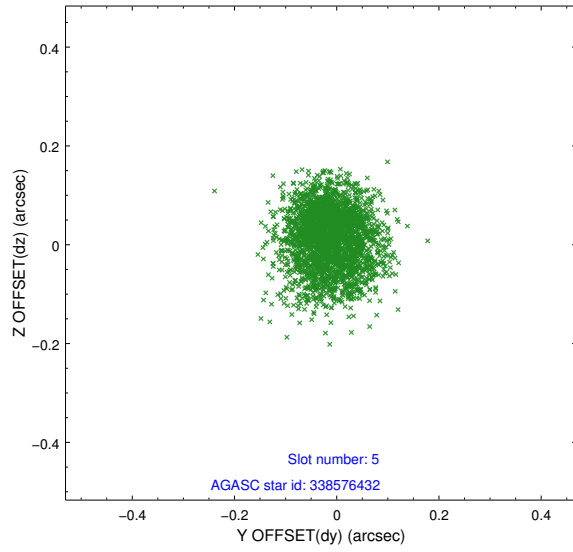
2.4.1 Slot 3



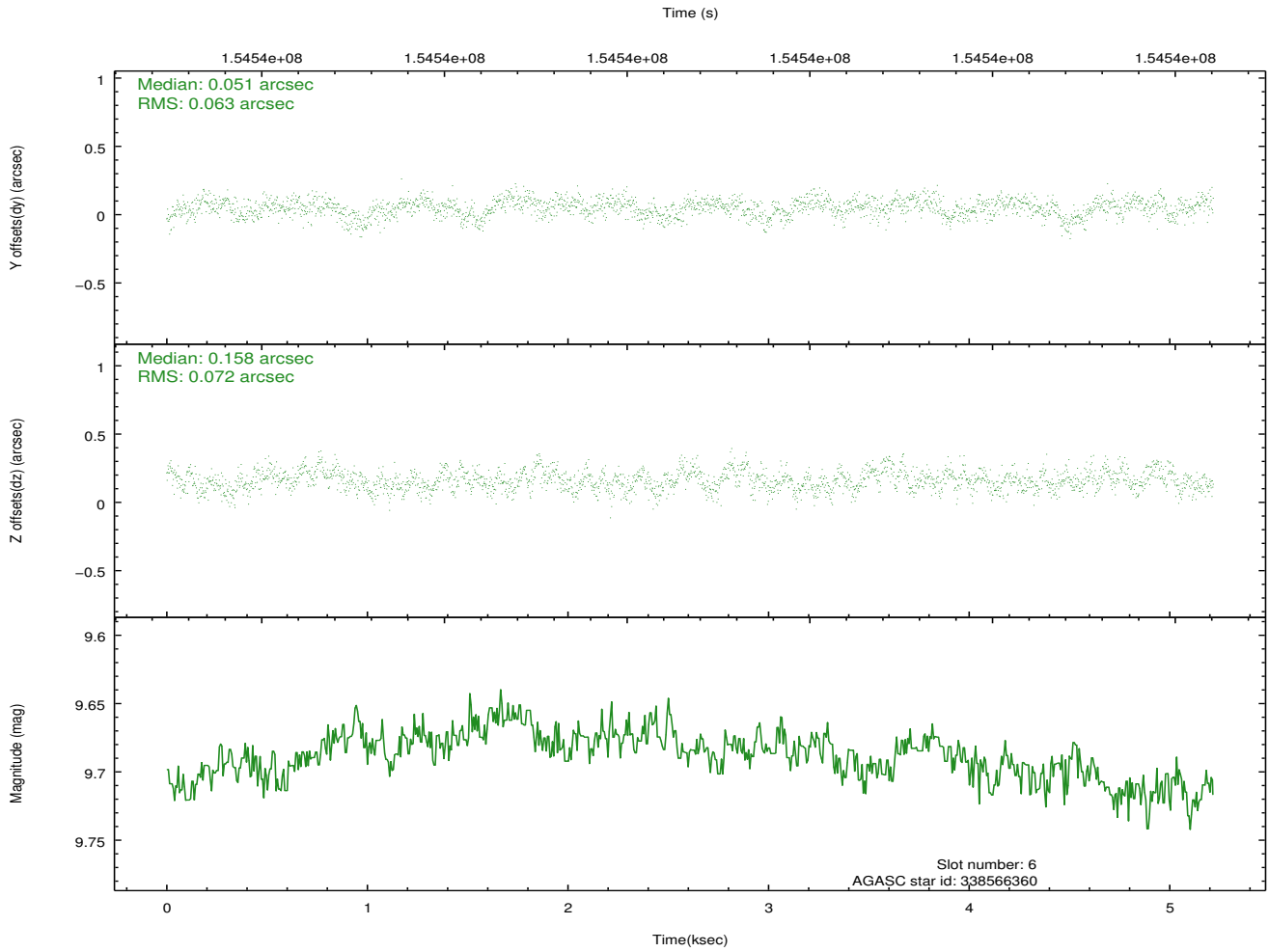
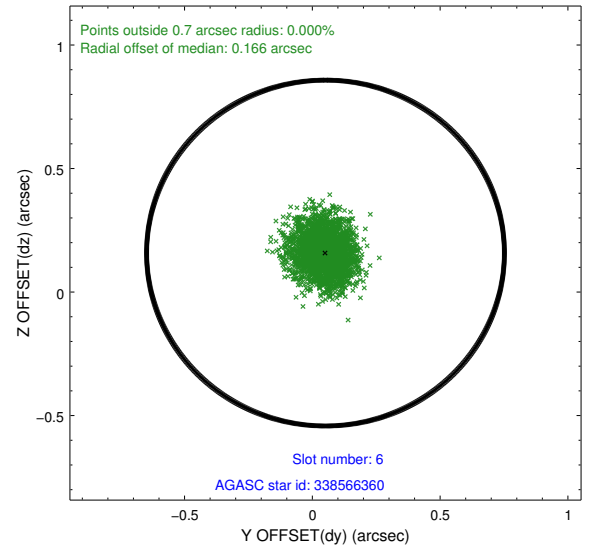
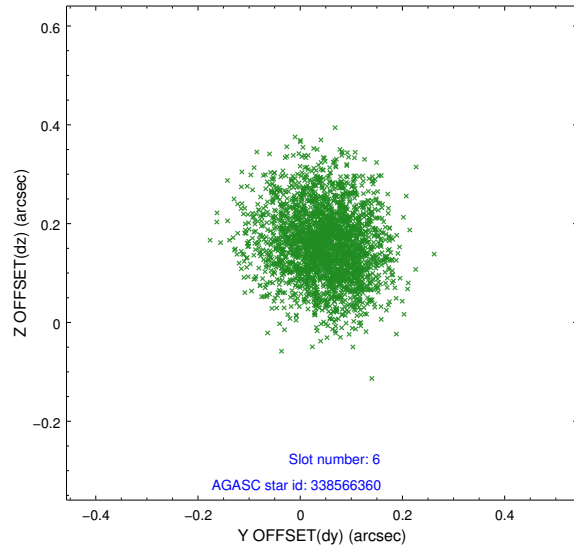
2.4.2 Slot 4



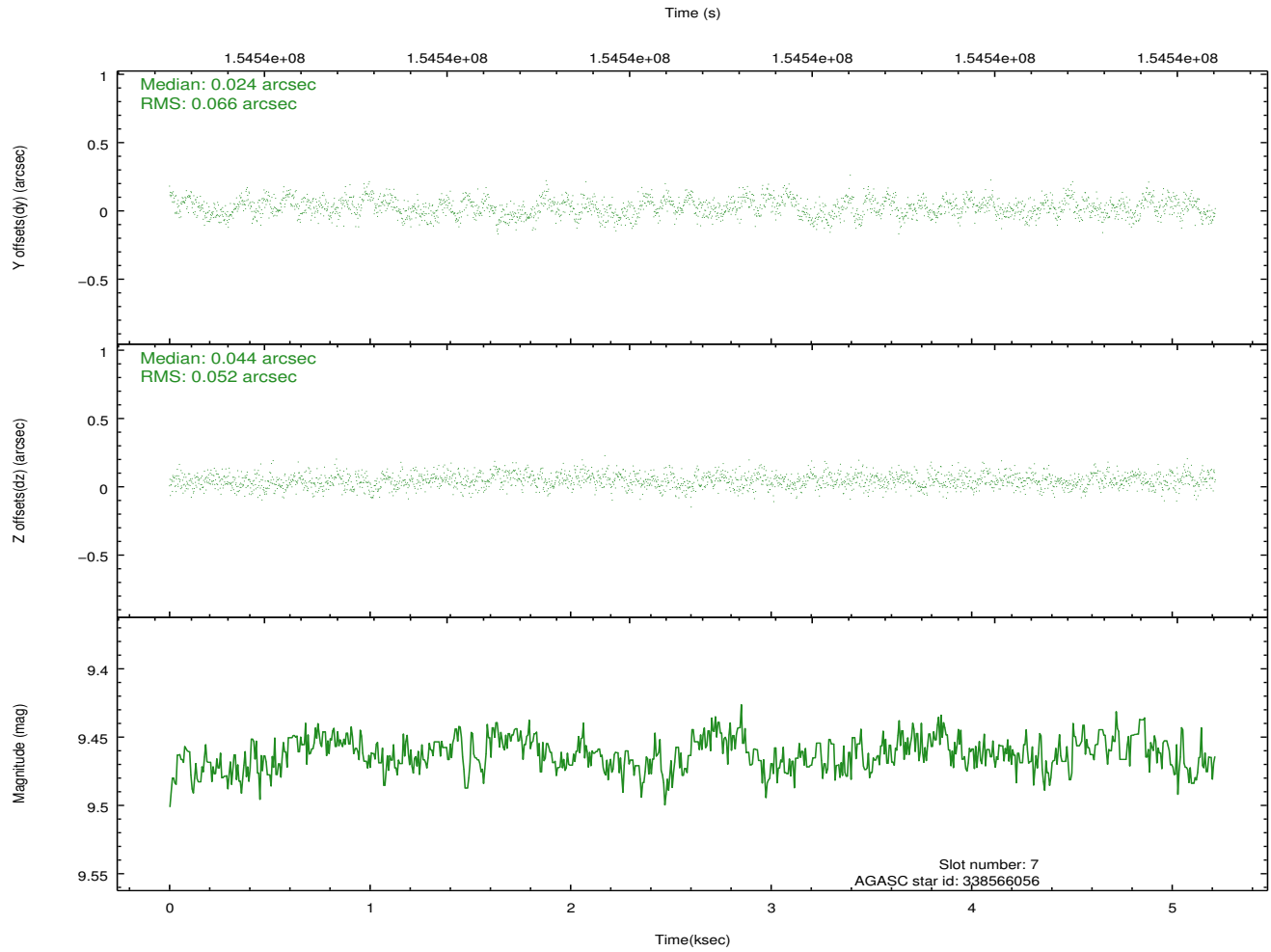
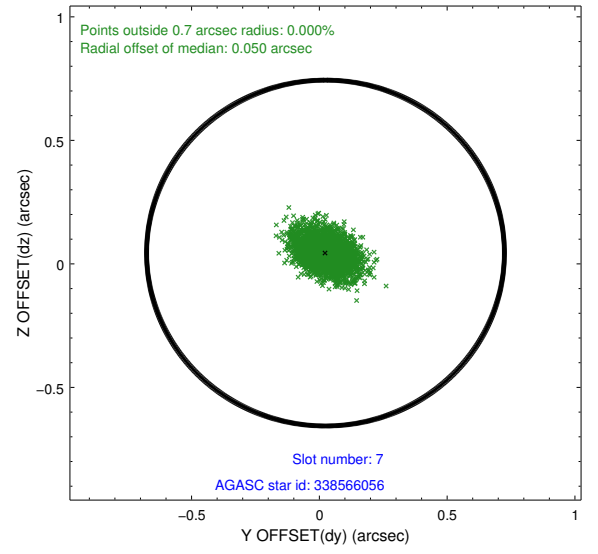
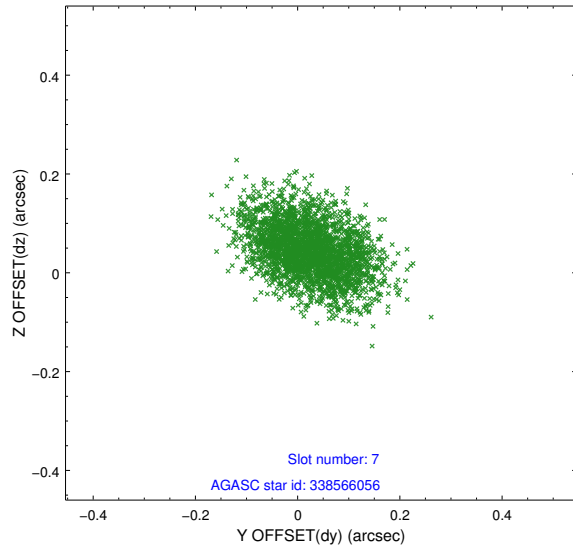
2.4.3 Slot 5



2.4.4 Slot 6

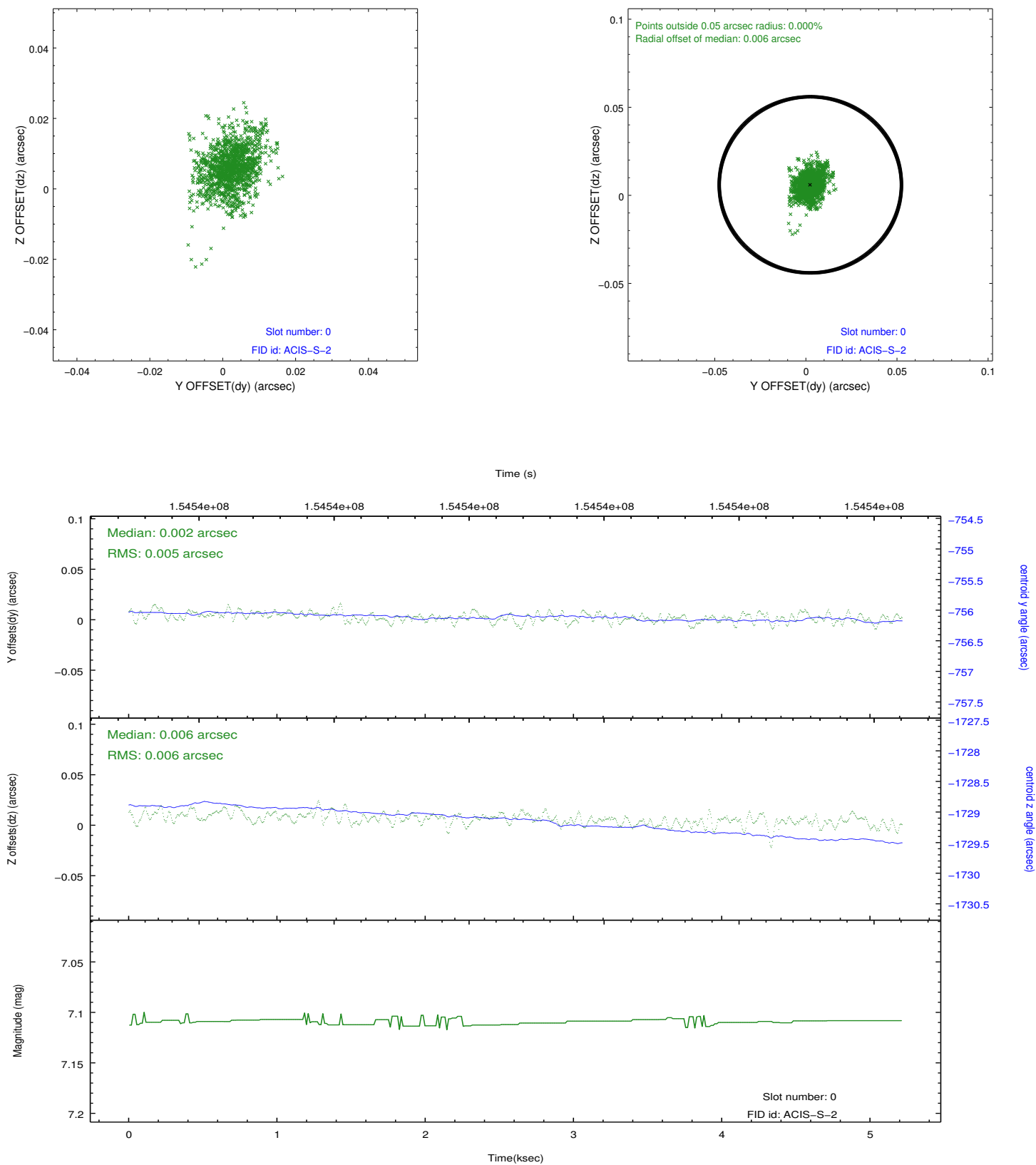


2.4.5 Slot 7

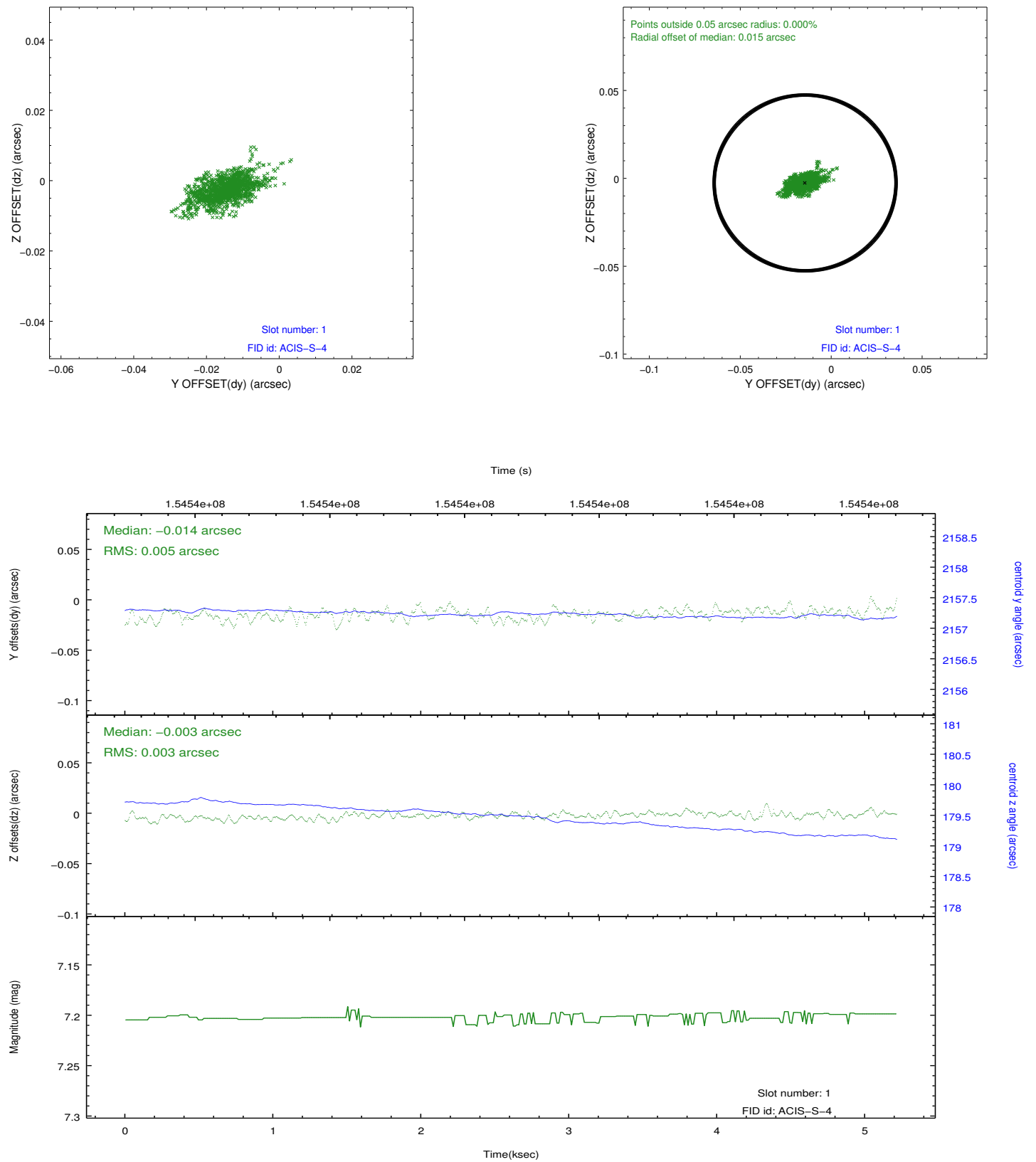


2.5 FID Slots

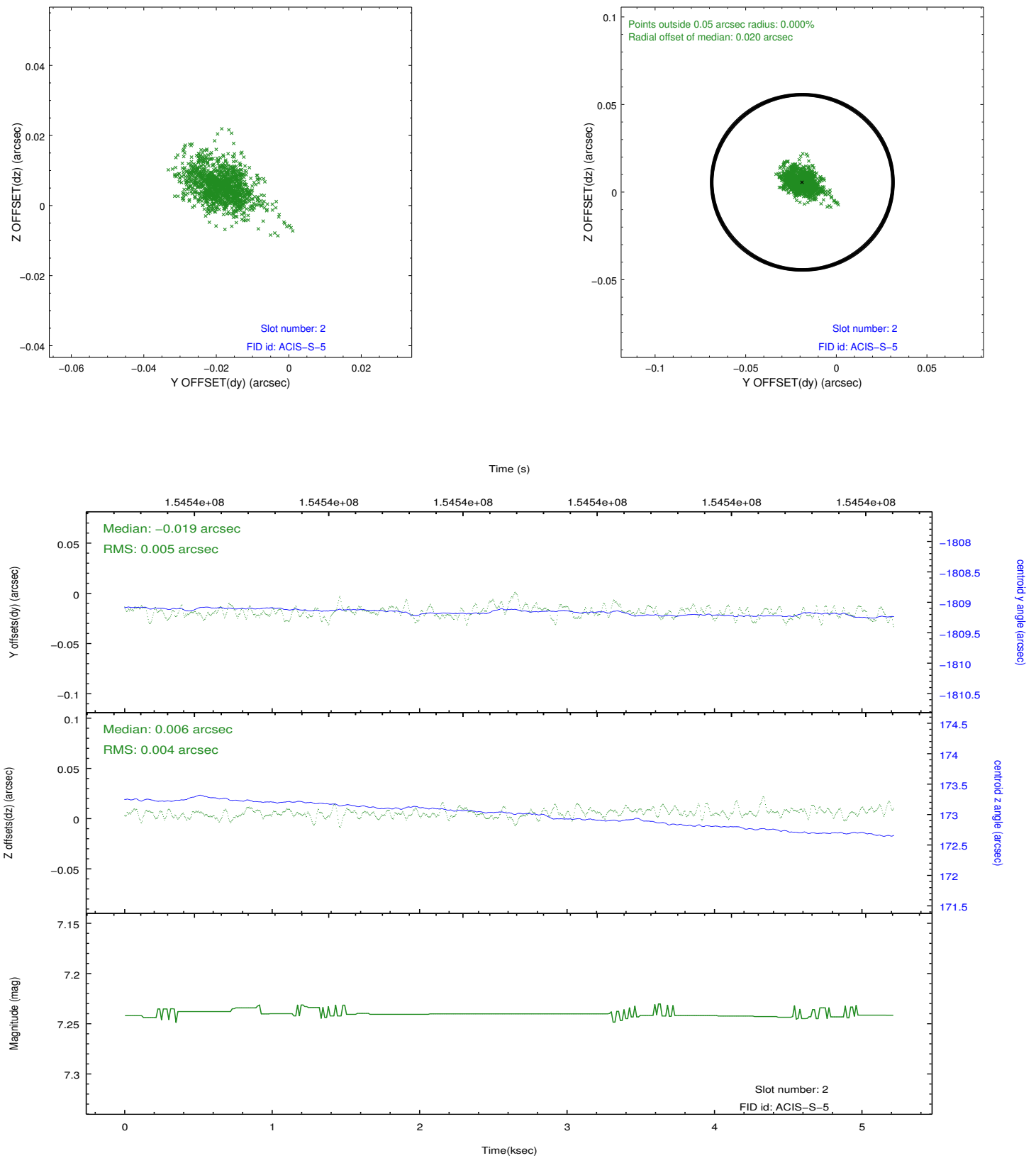
2.5.1 Slot 0



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)	2012.10.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.934

A.2 Comments

Joint Proposal: NOAO