

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 8975 - L2 Version 2
Chandra X-Ray Center

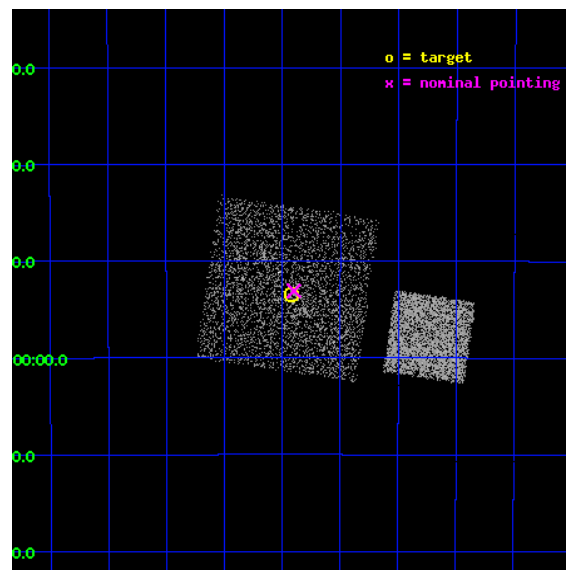
L2 Processing Date : May 30 2012

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1 Front

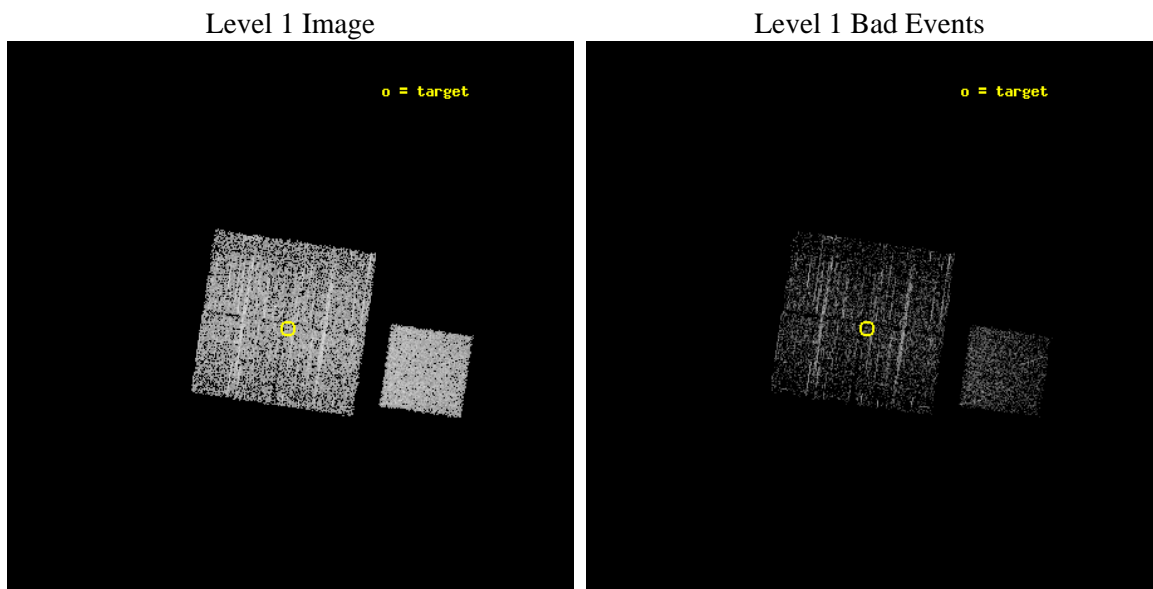
seq_num	400826	Sequence number
obs_id	8975	Observation id
title	Chandra follow-up of a weak persistent source found in INTEGRAL maps: IGR J17204-3554	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J17204-3554	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	260.104167	Observer's specified target RA [deg]
dec_targ	-35.892	Observer's specified target Dec [deg]
ra_nom	260.0998918712	Nominal RA [deg]
dec_nom	-35.884771665721	Nominal Dec [deg]
roll_nom	98.510107909744	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1029.2000079155	Sum of GTIs [s]
livetime	1015.7527521261	Livetime [s]
ontime0	1029.2000079155	Sum of GTIs [s]
ontime1	1029.2000079155	Sum of GTIs [s]
ontime2	1029.2000079155	Sum of GTIs [s]
ontime3	1029.2000079155	Sum of GTIs [s]
ontime7	1029.2000079155	Sum of GTIs [s]
l2events	11224	Number of level 2 events



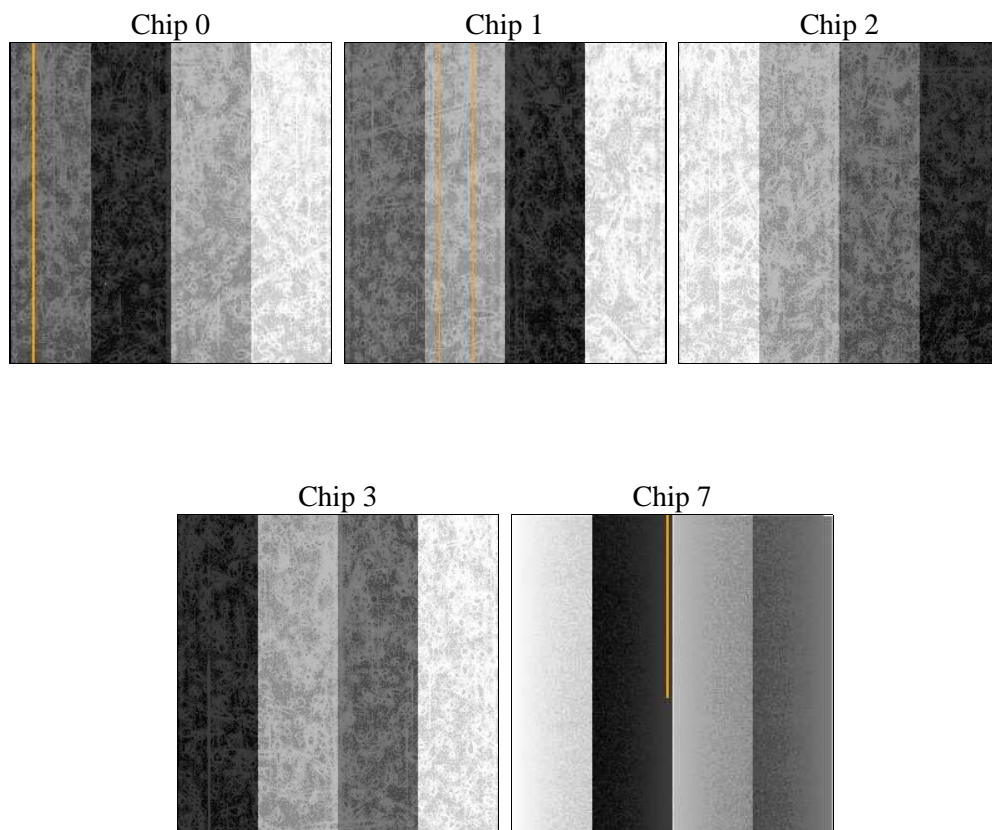
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	1029.2000079155	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	1029.2000079155	Sum of GTIs [s]
date	2012-05-30T05:40:08	Date and time of file creation	ontime1	1029.2000079155	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1029.2000079155	Sum of GTIs [s]
			ontime3	1029.2000079155	Sum of GTIs [s]
			ontime7	1029.2000079155	Sum of GTIs [s]
			l1events	55037	Number of level 1 events

2.1.4 Events

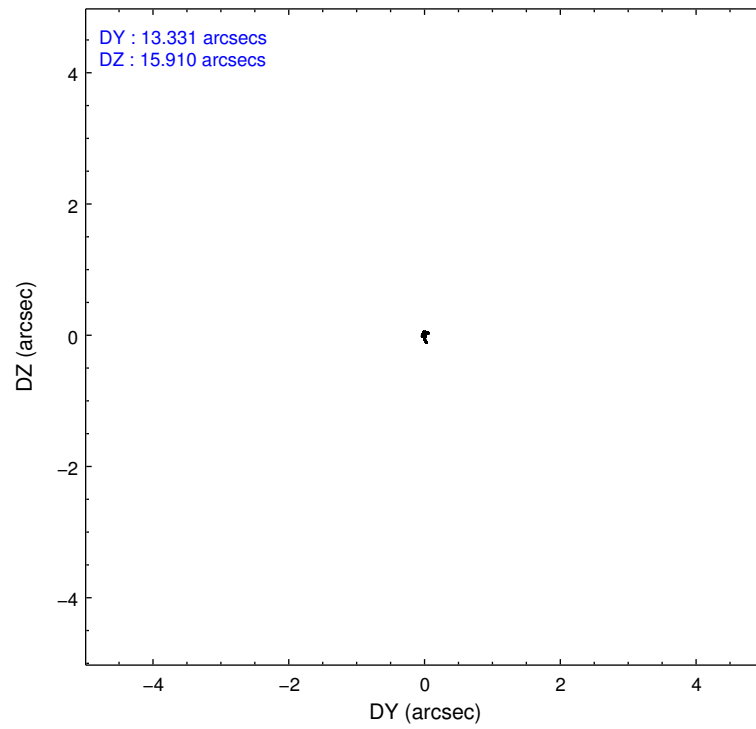
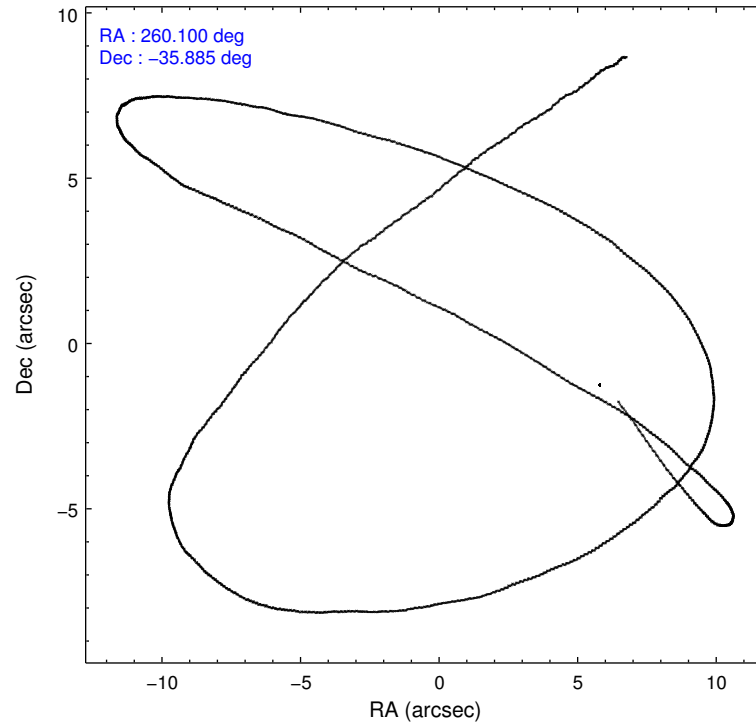
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
level 1 events	10333	9792	9998	10237	14677
rejected events	8676	8282	8697	8562	8686
rejected %	83%	84%	86%	83%	59%

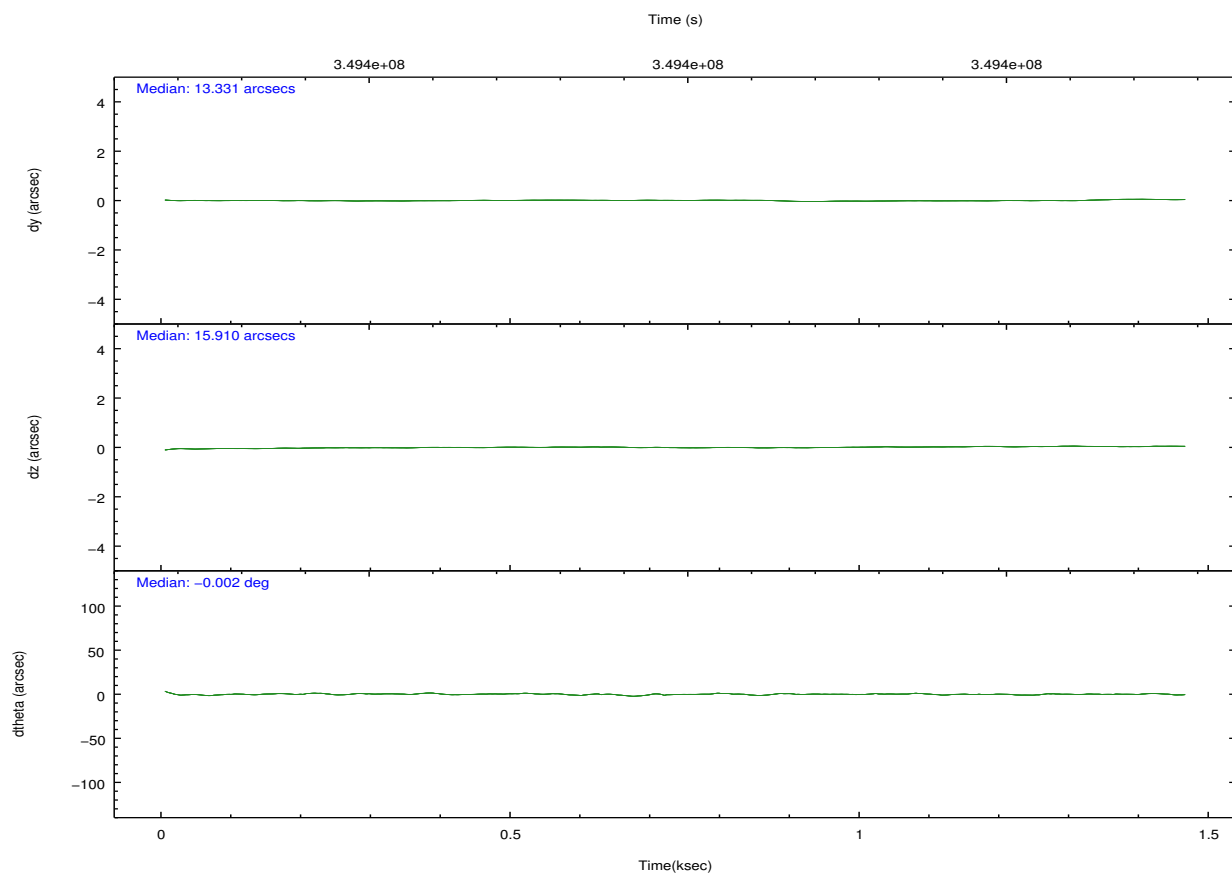
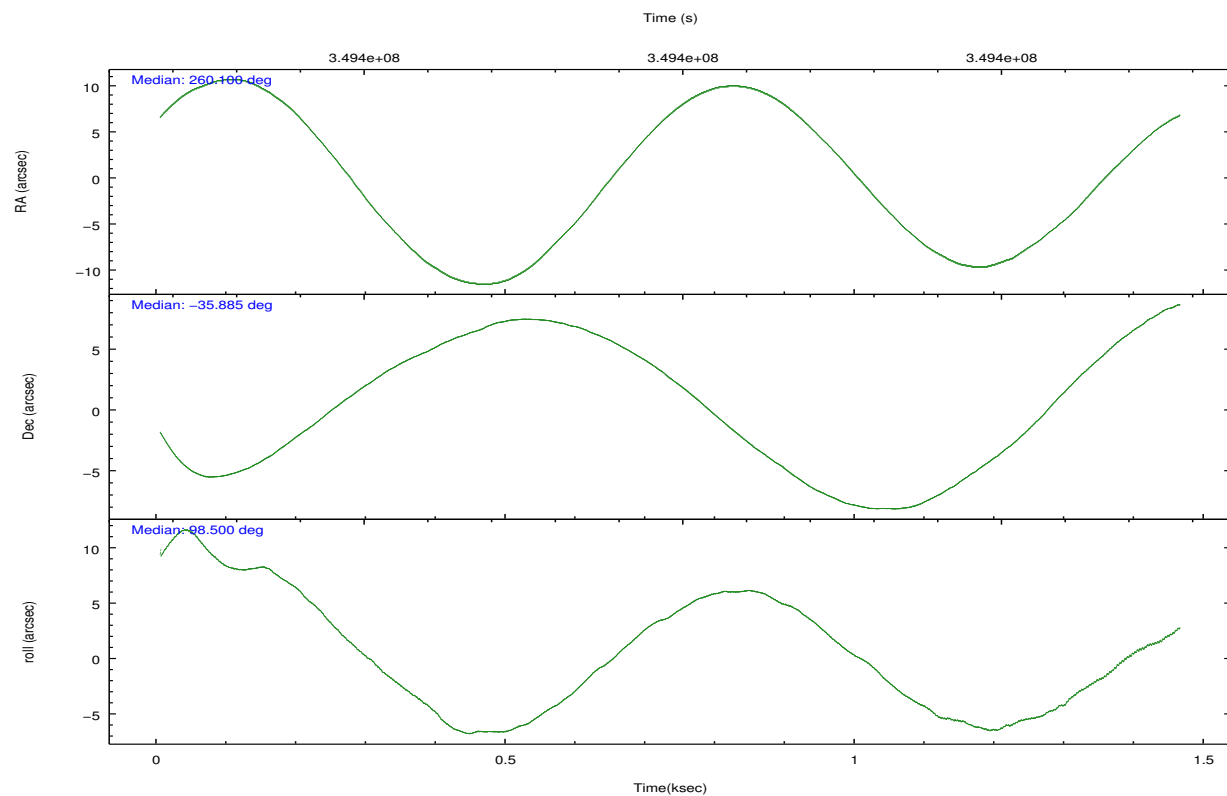
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 7
grade 0 events	845	633	667	818	480
	8%	6%	6%	7%	3%
grade 1 events	5	5	8	10	21
	0%	0%	0%	0%	0%
grade 2 events	324	318	236	305	1306
	3%	3%	2%	2%	8%
grade 3 events	125	125	106	152	501
	1%	1%	1%	1%	3%
grade 4 events	129	151	87	144	503
	1%	1%	0%	1%	3%
grade 5 events	477	454	419	482	1307
	4%	4%	4%	4%	8%
grade 6 events	242	293	213	268	3246
	2%	2%	2%	2%	22%
grade 7 events	8186	7813	8262	8058	7313
	79%	79%	82%	78%	49%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01237	ACIS-01237	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	CCD I0 on	Y	Y
Observation mode	POINTING	POINTING	CCD I1 on	Y	Y
[deg] Pointing RA	260.121069	260.0998918712045	CCD I2 on	Y	Y
[deg] Pointing Dec	-35.906167	-35.8847716657213	CCD I3 on	Y	Y
[deg] Pointing Roll	98.313838	98.51010790974433	CCD S0 on	N	N
[mm] SIM focus pos	-0.782348	-0.7809083437167272	CCD S1 on	N	N
[mm] SIM defocus	0	0.001439871863259334	CCD S2 on	O1	N
[mm] SIM translation stage pos	-233.592463	-233.5874344608287	CCD S3 on	O2	Y
[mm] SIM translation stage offset	0	-0.005018542100998502	CCD S4 on	N	N
[s] Observation start time (MET)	349400211.184000	349399143.38369	CCD S5 on	N	N
Observation start date	2009-01-26T23:35:45	2009-01-26T23:19:03	Number of optional ACIS chips dropped	1	1
[s] Observation end time (MET)	349401211.184000	349402251.18385	On-chip summing requested	N	N
Observation end date	2009-01-26T23:52:25	2009-01-27T00:10:51	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



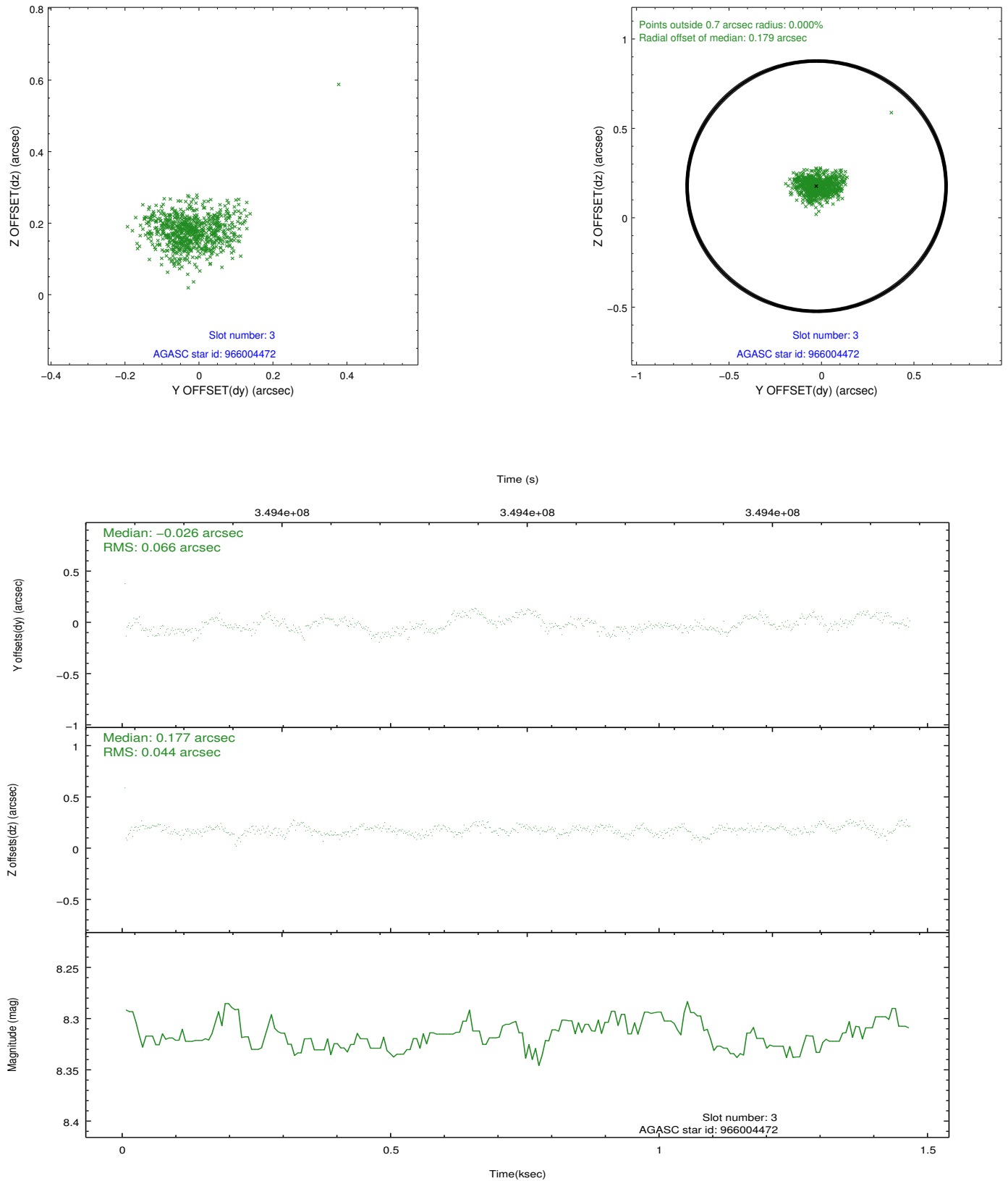


Slot Statistics

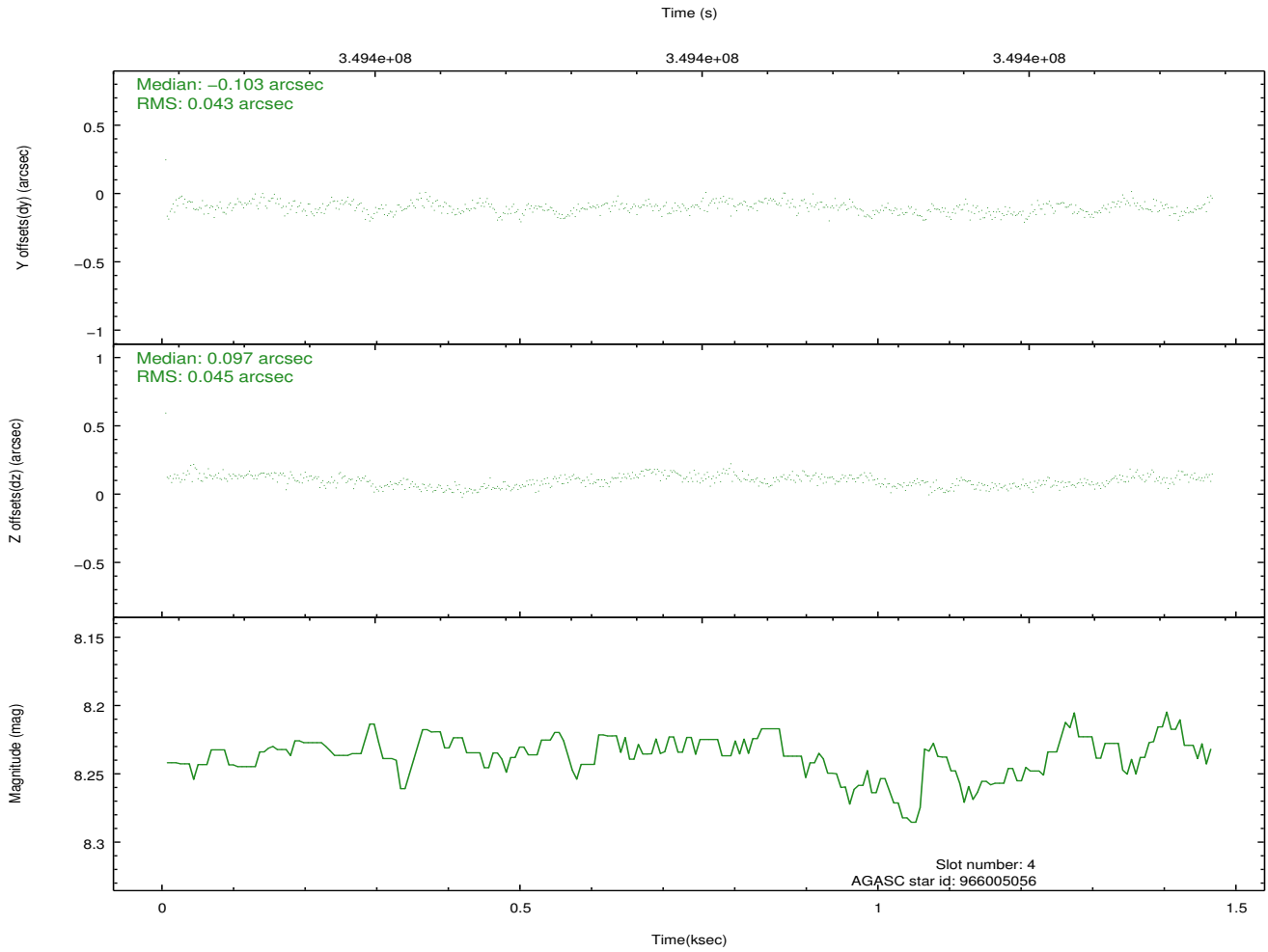
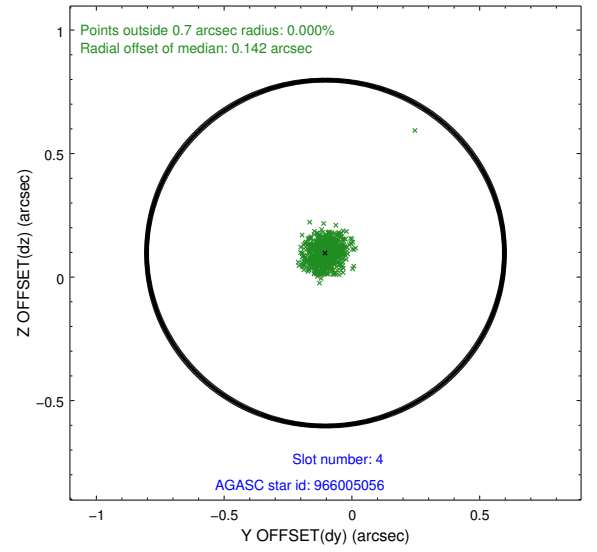
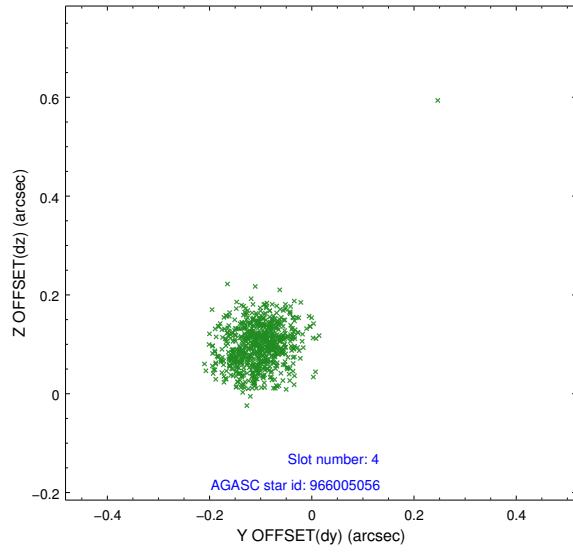
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	6.94	357	-0.085	-0.106	0.009	0.015	0.000000	0.000000	-768.08	-846.01
1	FID	ACIS-I-4	6.94	357	0.209	0.081	0.006	0.013	0.000000	0.000000	2144.18	1058.07
2	FID	ACIS-I-5	6.99	357	-0.224	0.095	0.009	0.017	0.000000	0.000000	-1816.25	1061.08
3	GUIDE	966004472	8.32	714	-0.026	0.177	0.082	0.134	260.641543	-35.382088	1642.07	-1783.23
4	GUIDE	966005056	8.24	714	-0.103	0.097	0.063	0.098	260.445624	-35.348497	1849.67	-1234.83
5	GUIDE	966530056	8.22	714	0.074	-0.100	0.056	0.088	259.659669	-36.086961	-450.20	1421.07
6	GUIDE	966530288	9.16	712	0.129	0.123	0.093	0.144	260.563512	-35.995883	-508.64	-1225.75
7	GUIDE	966003568	8.01	713	-0.077	-0.299	0.062	0.098	259.362539	-35.536668	1628.39	2006.12

2.4 Star Slots

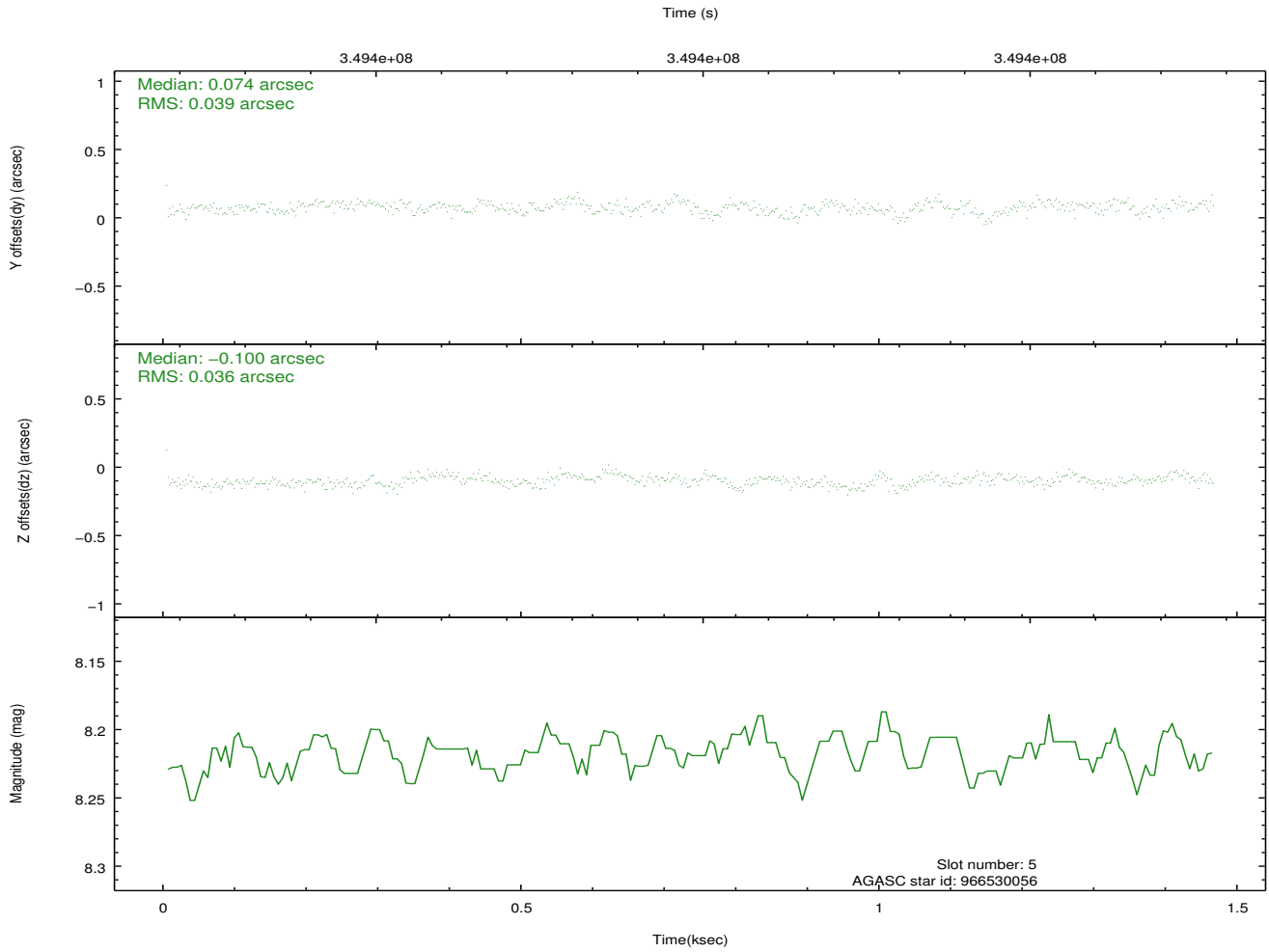
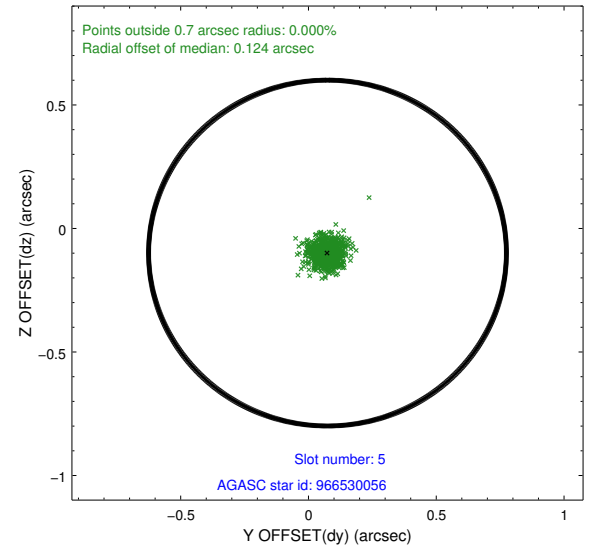
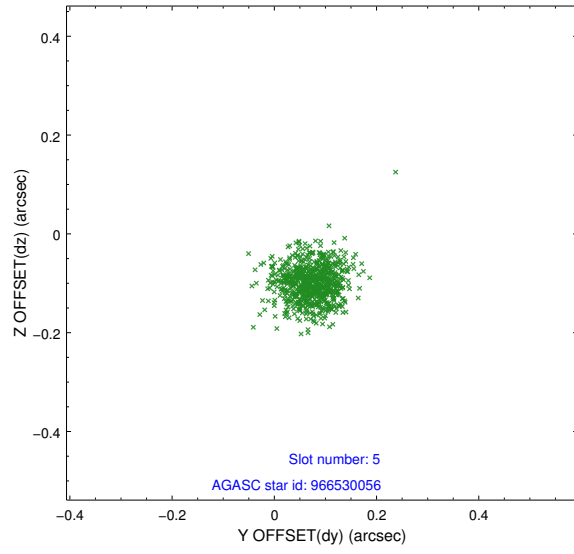
2.4.1 Slot 3



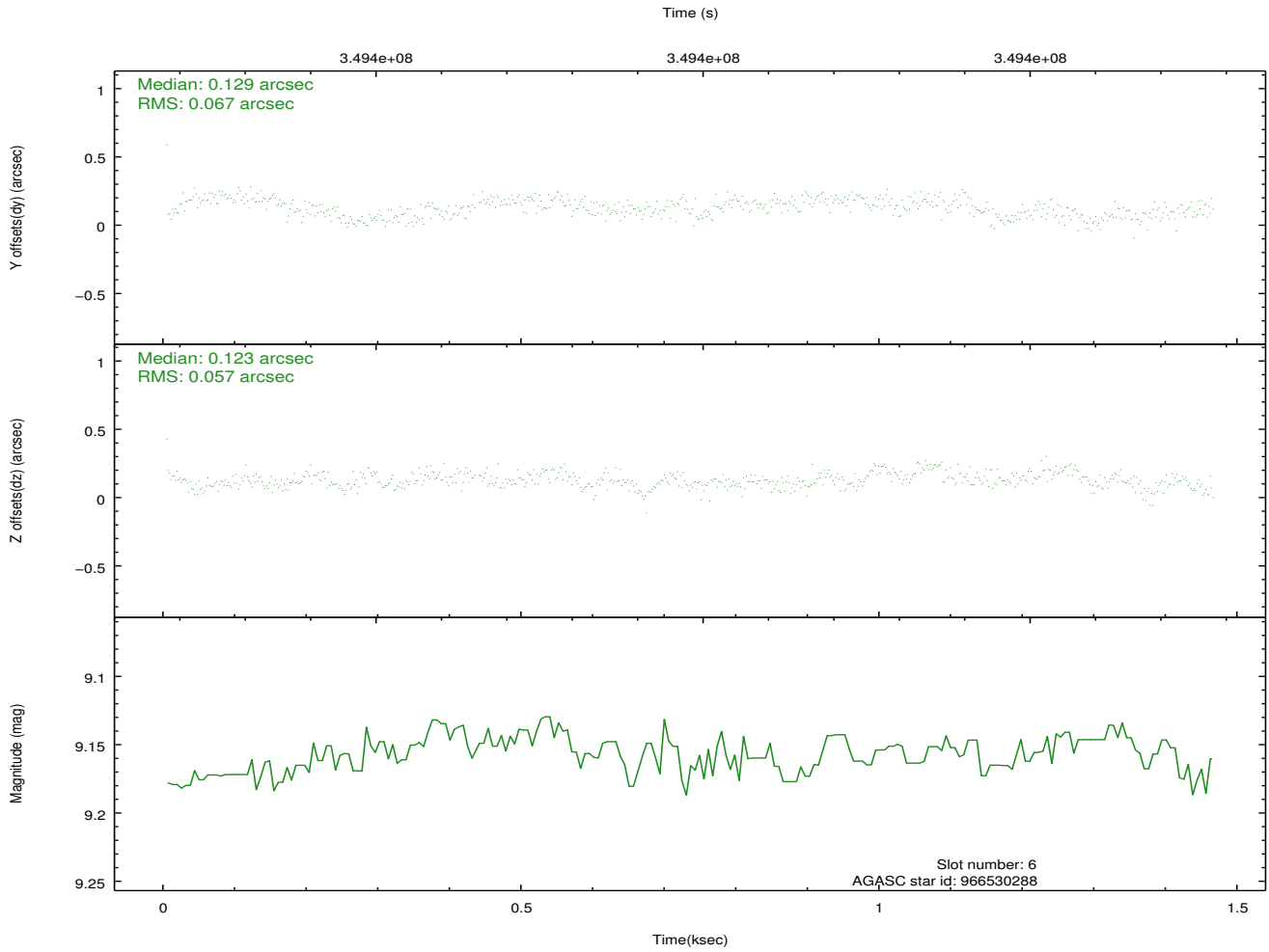
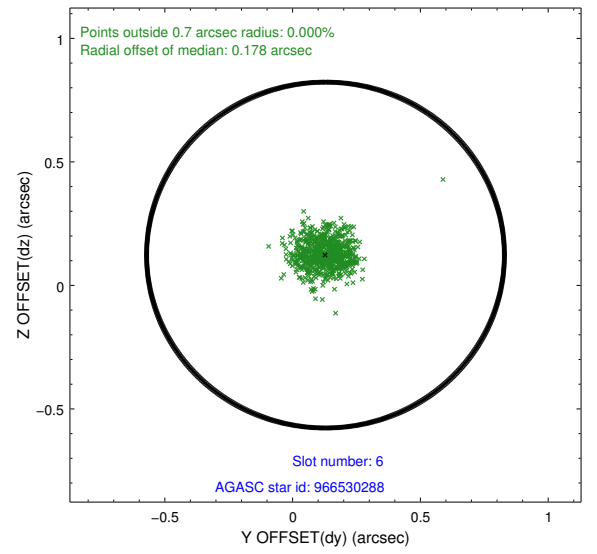
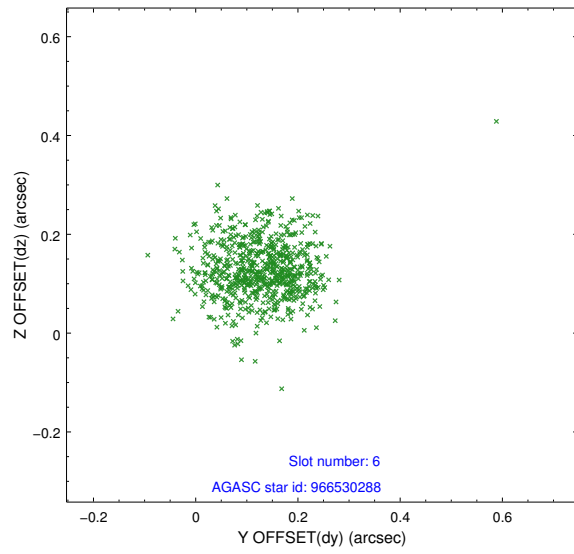
2.4.2 Slot 4



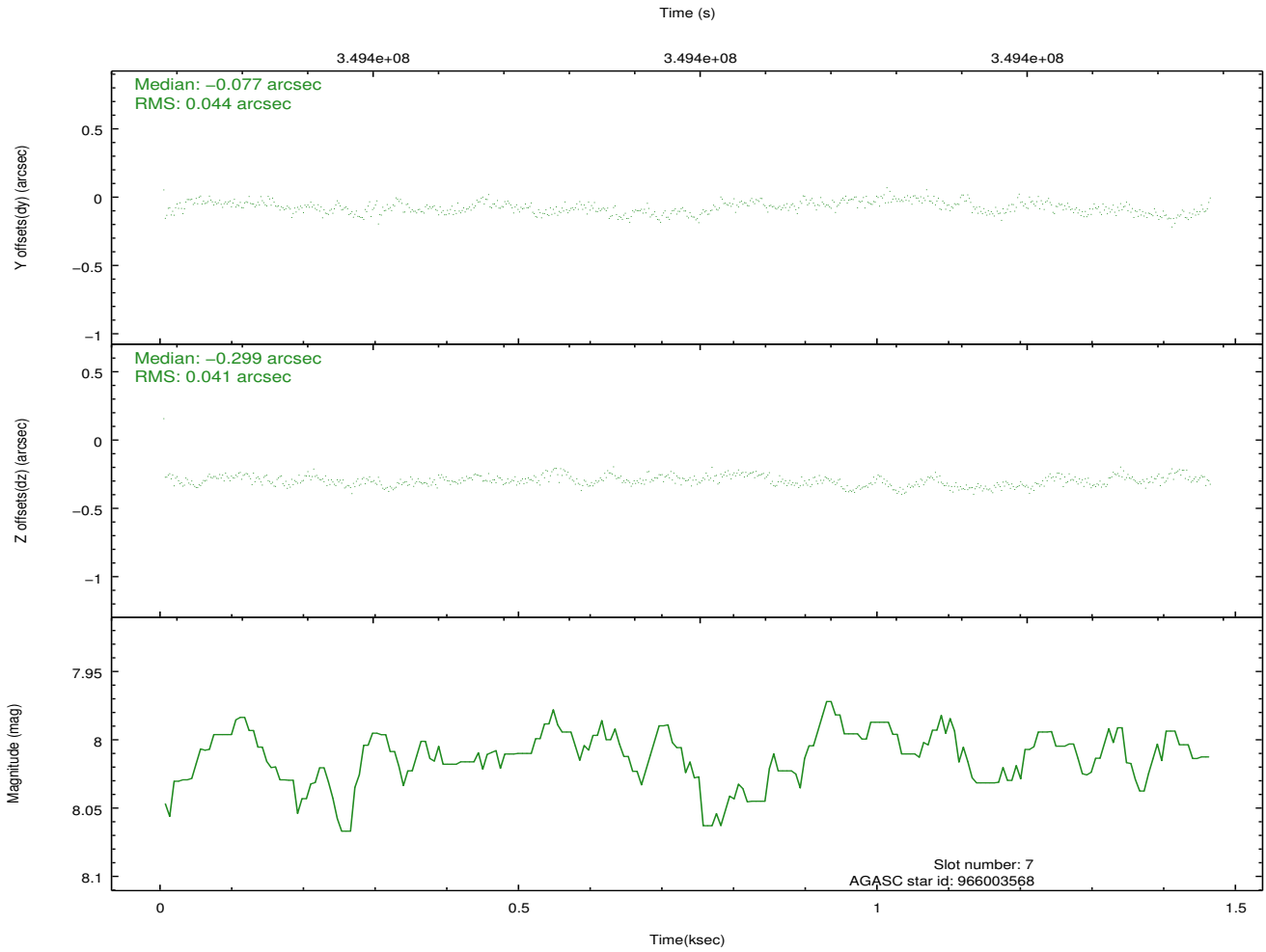
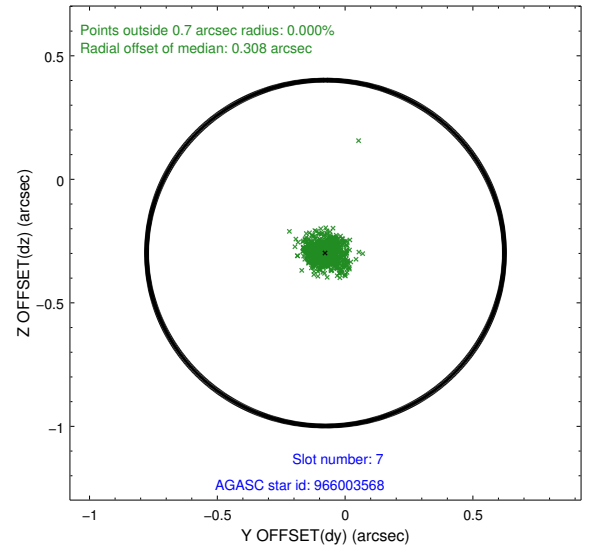
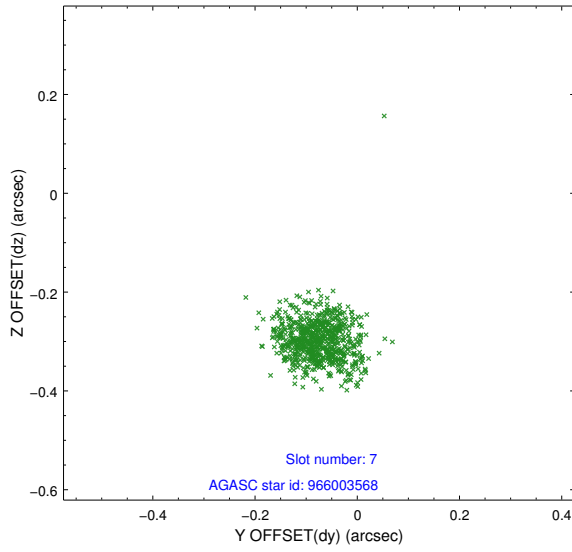
2.4.3 Slot 5



2.4.4 Slot 6

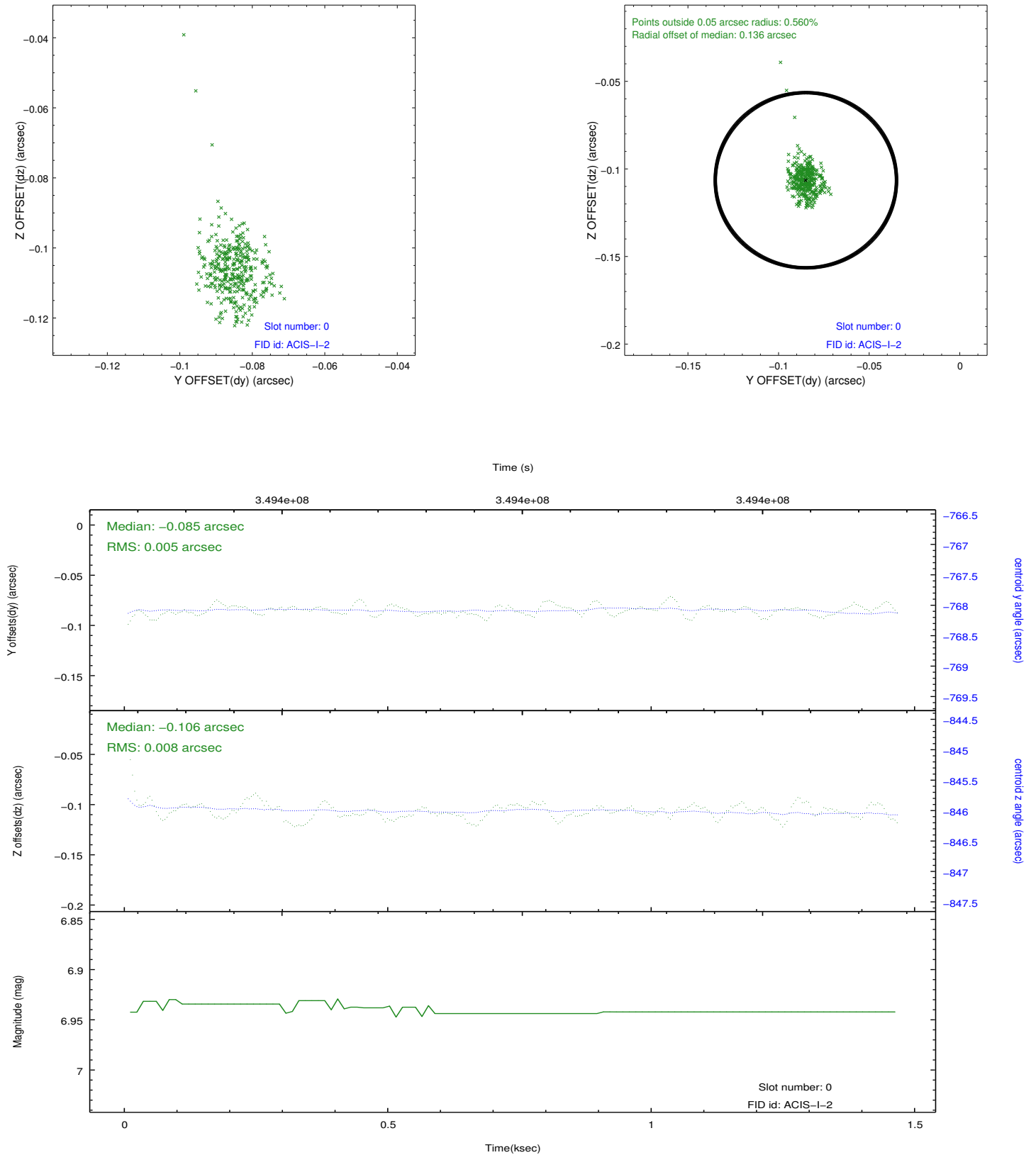


2.4.5 Slot 7

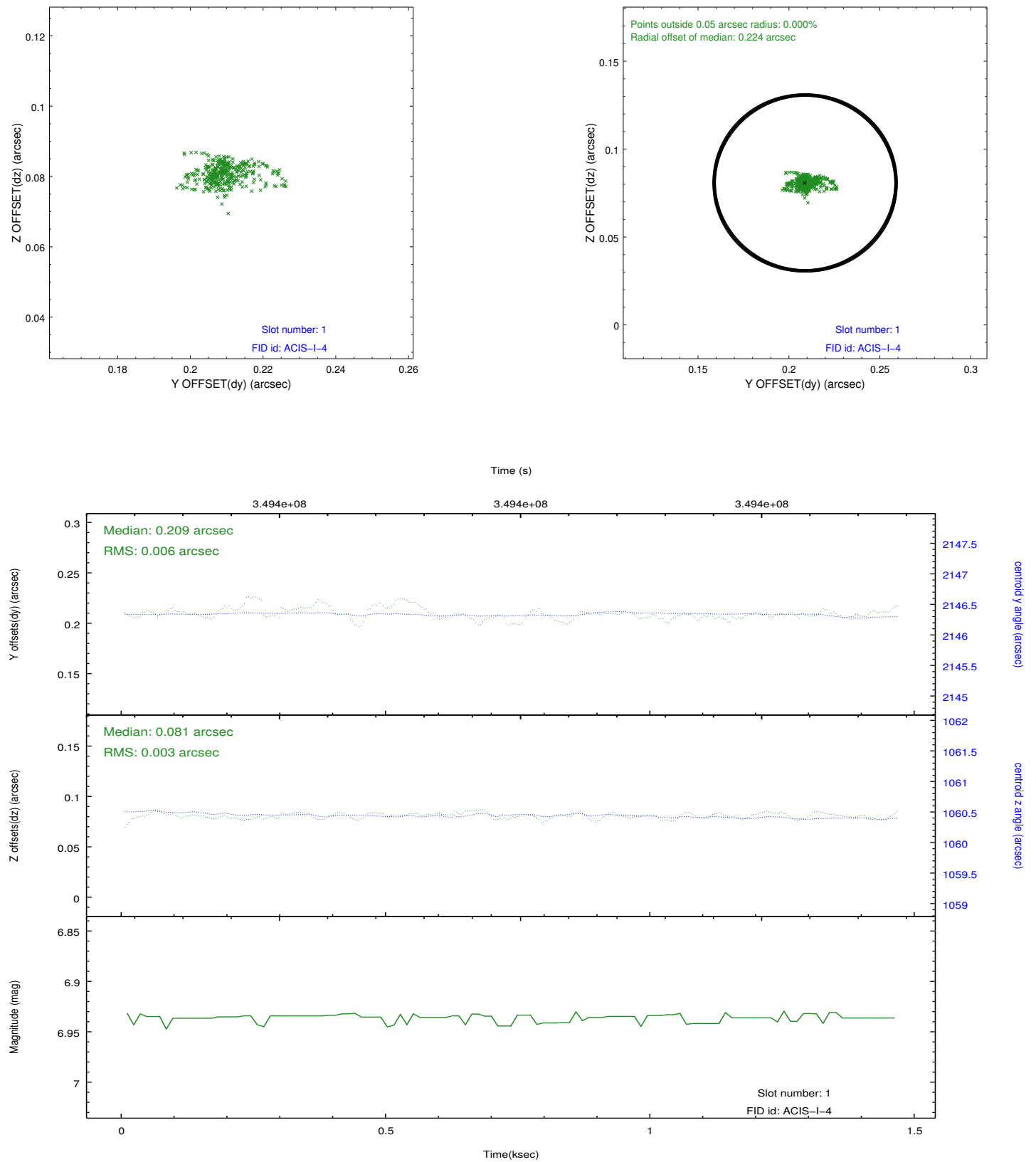


2.5 FID Slots

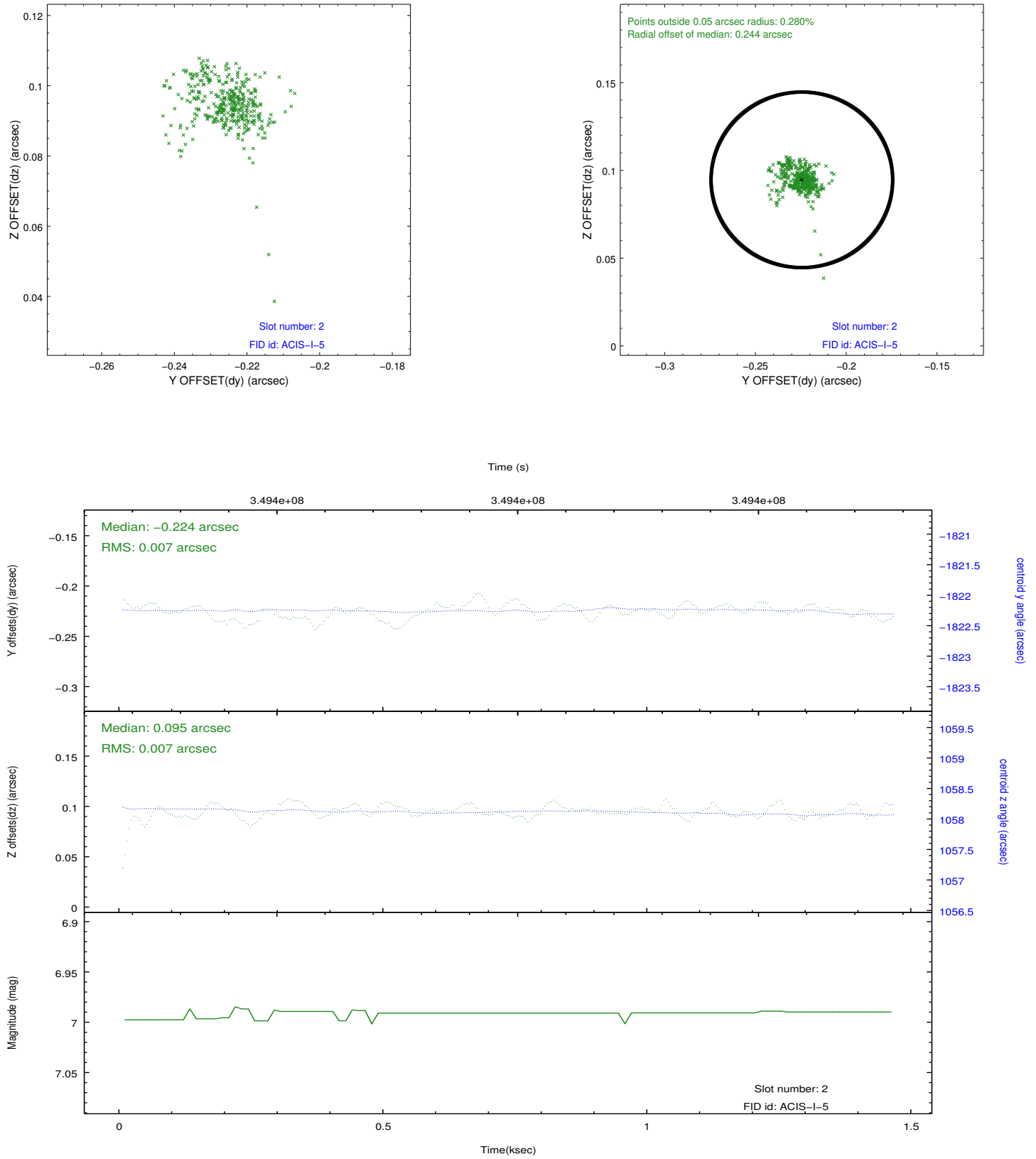
2.5.1 Slot 0



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)	2012.06.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.0292

A.2 Comments