

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 14398 - L2 Version 1
Chandra X-Ray Center

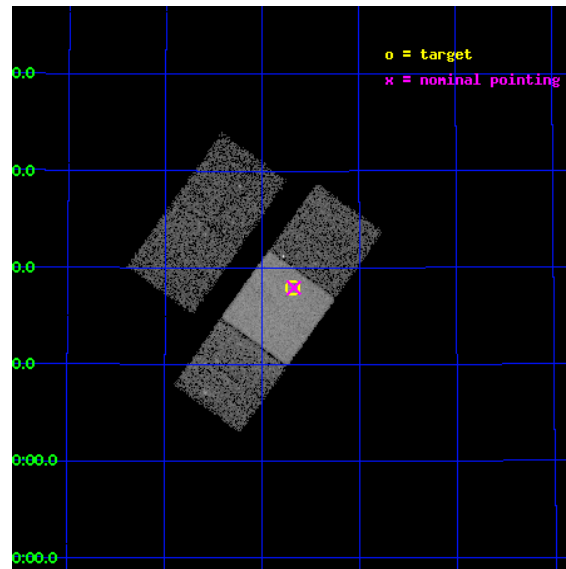
L2 Processing Date : Feb 26 2012

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1 Front

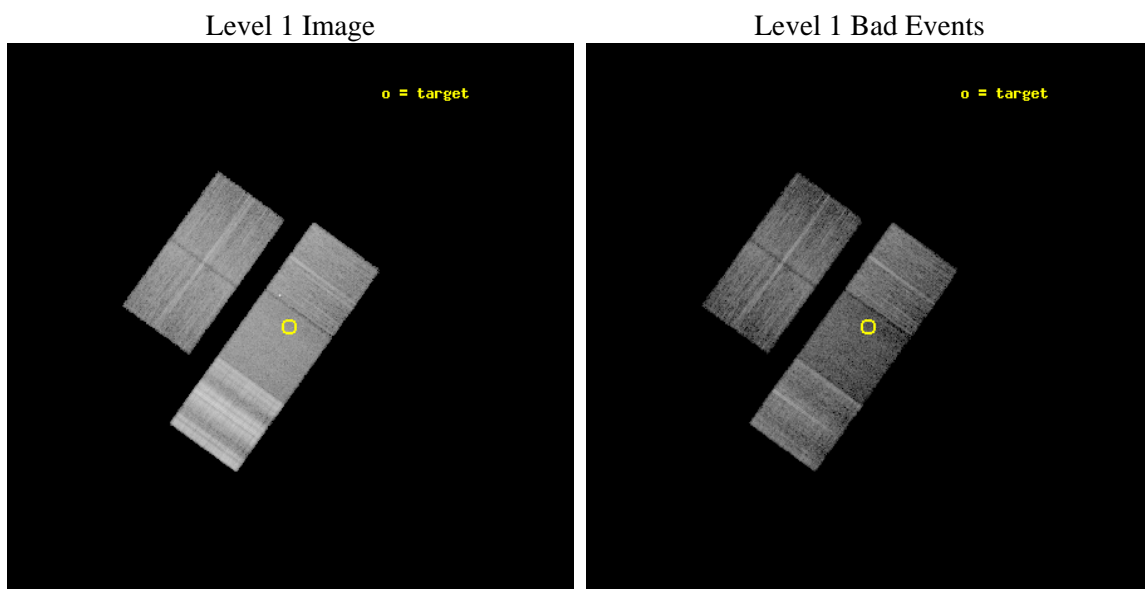
seq_num	501794	Sequence number
obs_id	14398	Observation id
title	Supernova PTF 11qej: first discovery of a radio luminous Ibn supernova	Proposal title
observer	Dr Alessandra Corsi	Principal investigator
object	PTF11qej	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	198.422917	Observer's specified target RA [deg]
dec_targ	47.299167	Observer's specified target Dec [deg]
ra_nom	198.41840446868	Nominal RA [deg]
dec_nom	47.298951365165	Nominal Dec [deg]
roll_nom	125.77910690153	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10062.600077391	Sum of GTIs [s]
livetime	9931.1247994012	Livetime [s]
ontime2	10062.600077391	Sum of GTIs [s]
ontime3	10062.600077391	Sum of GTIs [s]
ontime6	10059.459107041	Sum of GTIs [s]
ontime7	10062.600077391	Sum of GTIs [s]
ontime8	10062.600077391	Sum of GTIs [s]
l2events	68942	Number of level 2 events



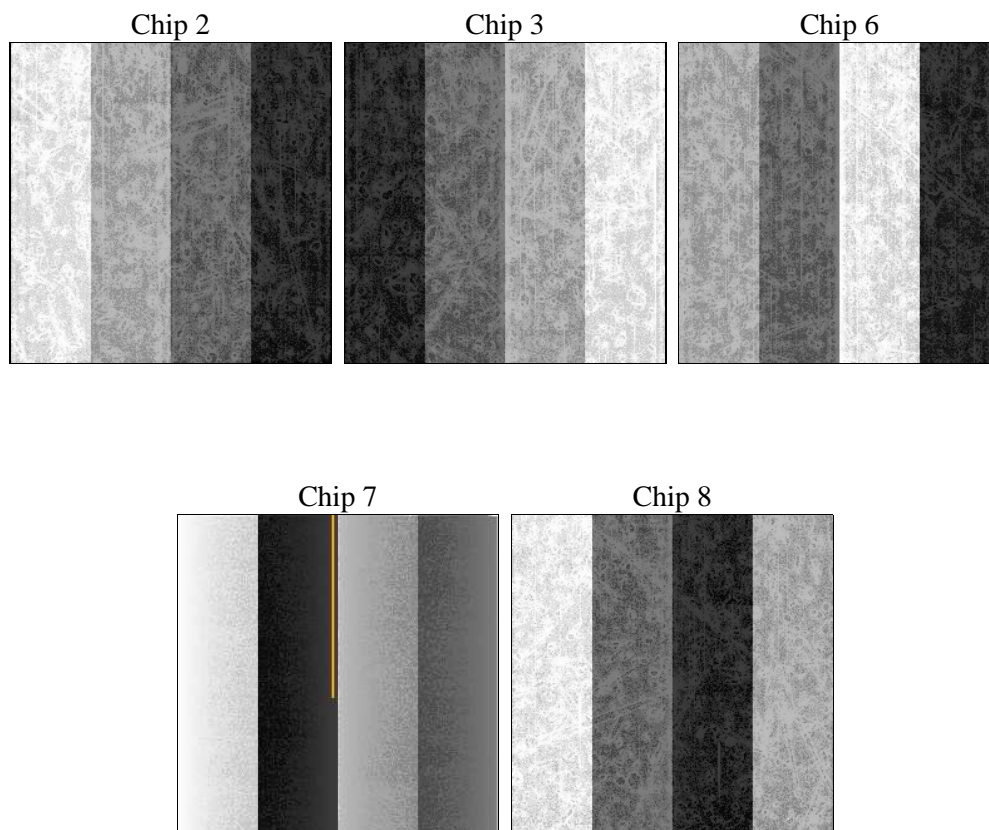
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	10062.600077391	Sum of GTIs [s]
caldbver	4.4.8	 	ontime2	10062.600077391	Sum of GTIs [s]
date	2012-02-26T23:51:37	Date and time of file creation	ontime3	10062.600077391	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	10059.459107041	Sum of GTIs [s]
			ontime7	10062.600077391	Sum of GTIs [s]
			ontime8	10062.600077391	Sum of GTIs [s]
			l1events	564739	Number of level 1 events

2.1.4 Events

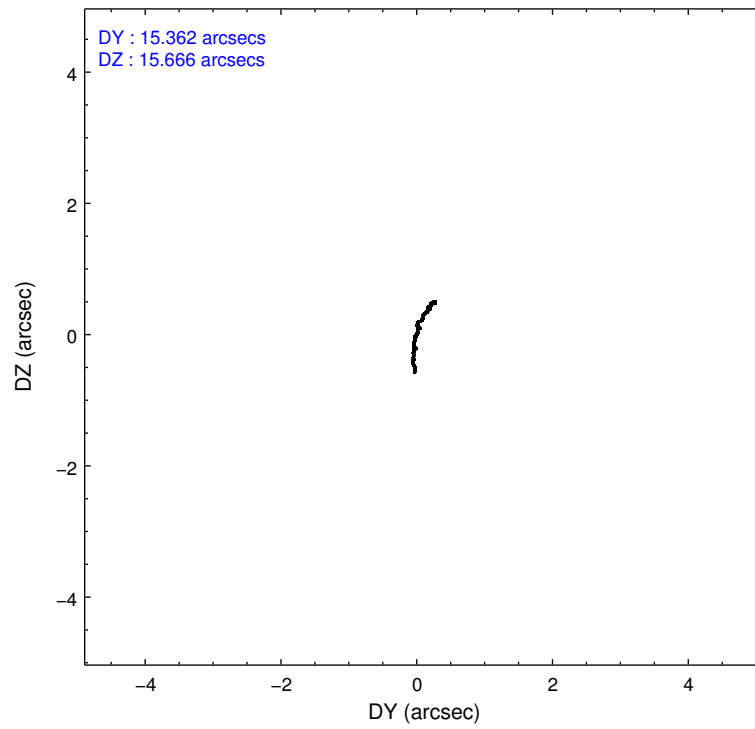
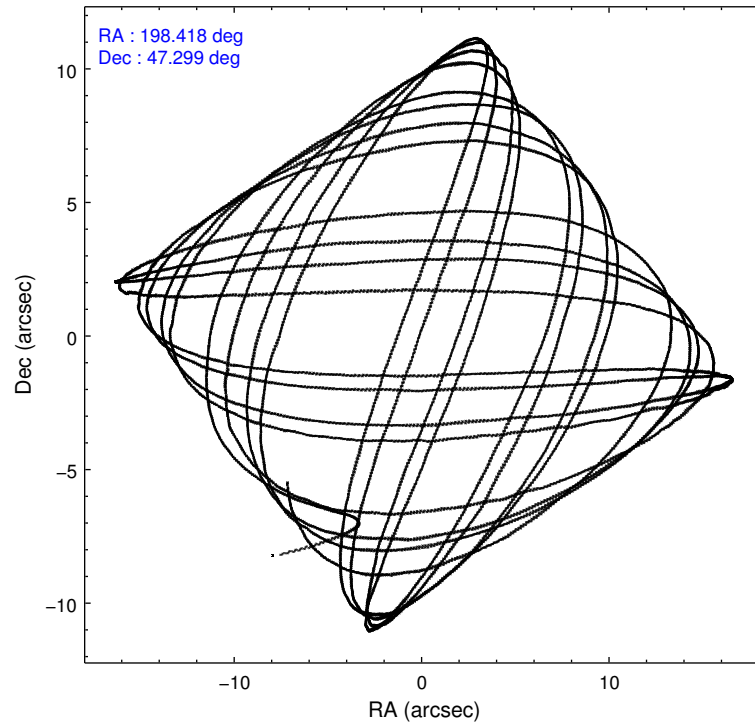
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
level 1 events	81222	80006	88425	87488	227598
rejected events	70044	72643	77174	47457	87953
rejected %	86%	90%	87%	54%	38%

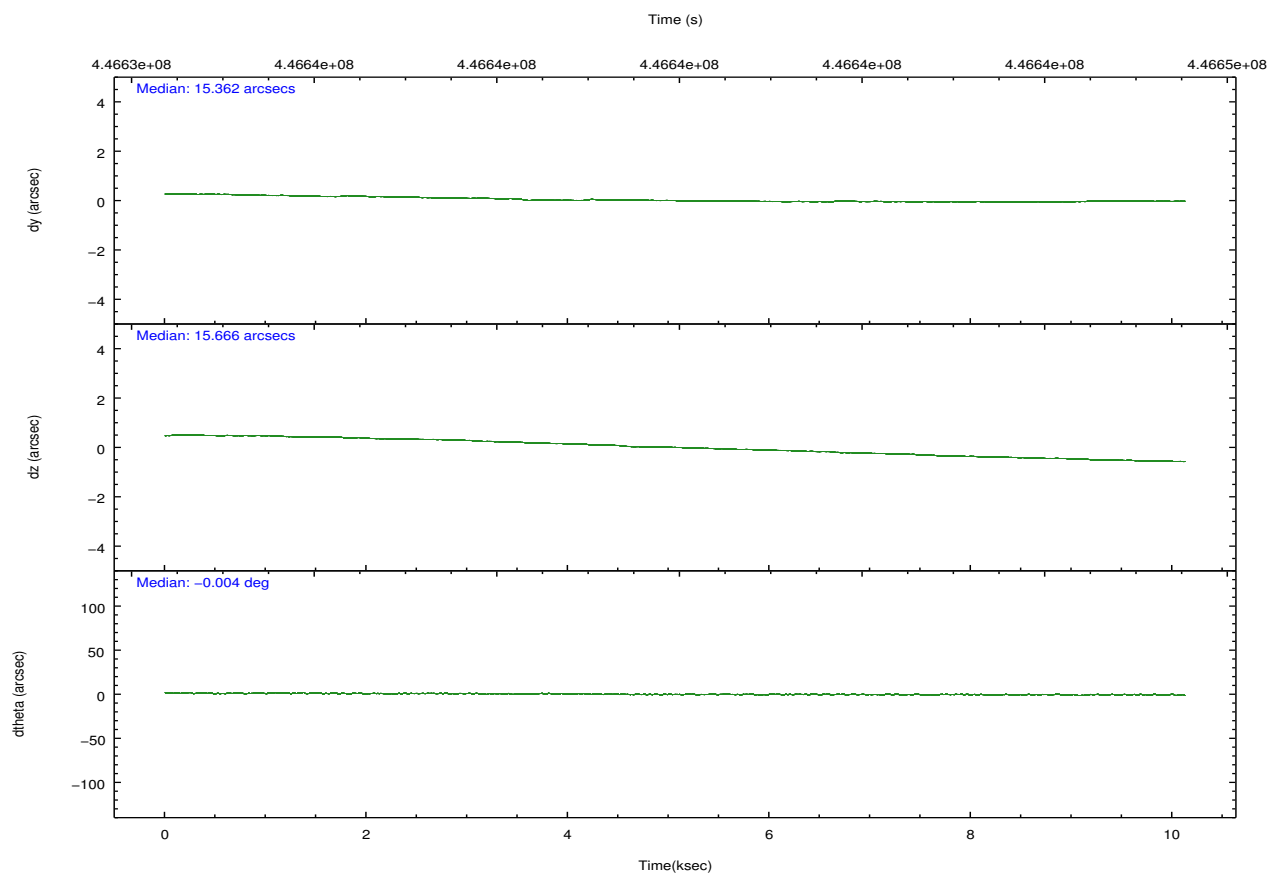
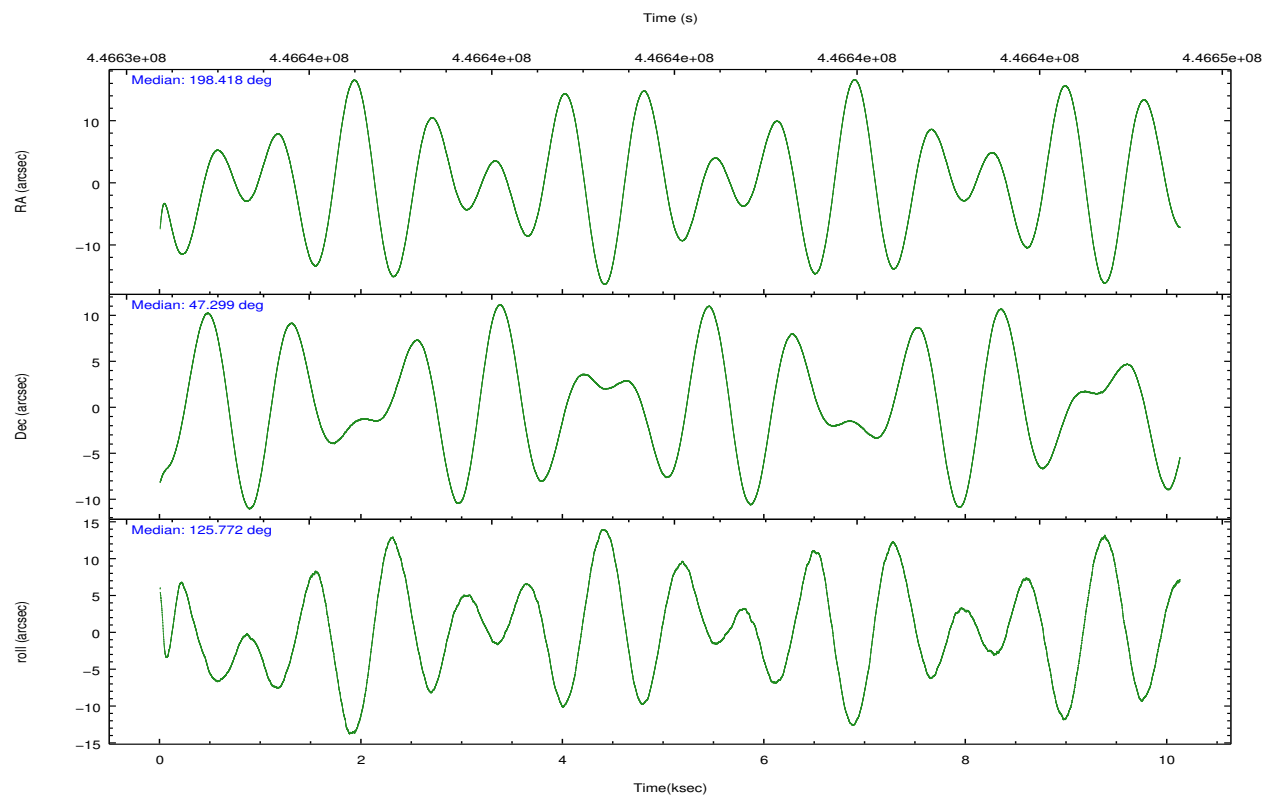
	ccd 2	ccd 3	ccd 6	ccd 7	ccd 8
grade 0 events	4650	2615	5050	3955	44582
	5%	3%	5%	4%	19%
grade 1 events	52	41	63	155	397
	0%	0%	0%	0%	0%
grade 2 events	3109	1812	2860	9250	17538
	3%	2%	3%	10%	7%
grade 3 events	789	780	819	3580	27202
	0%	0%	0%	4%	11%
grade 4 events	1108	778	851	3579	23843
	1%	0%	0%	4%	10%
grade 5 events	2602	3162	3096	8859	5798
	3%	3%	3%	10%	2%
grade 6 events	1527	1380	1677	19689	26515
	1%	1%	1%	22%	11%
grade 7 events	67385	69438	74009	38421	81723
	82%	86%	83%	43%	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-23678	ACIS-23678	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	198.455437	198.41840446868	CCD I2 on	Y	Y
[deg] Pointing Dec	47.288112	47.2989513651653	CCD I3 on	Y	Y
[deg] Pointing Roll	125.595257	125.7791069015252	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	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	O1	Y
[s] Observation start time (MET)	446635011.184000	446633734.05347	CCD S5 on	N	N
Observation start date	2012-02-26T09:15:45	2012-02-26T08:55:34	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	446645011.184000	446645832.12911	On-chip summing requested	N	N
Observation end date	2012-02-26T12:02:25	2012-02-26T12:17:12	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



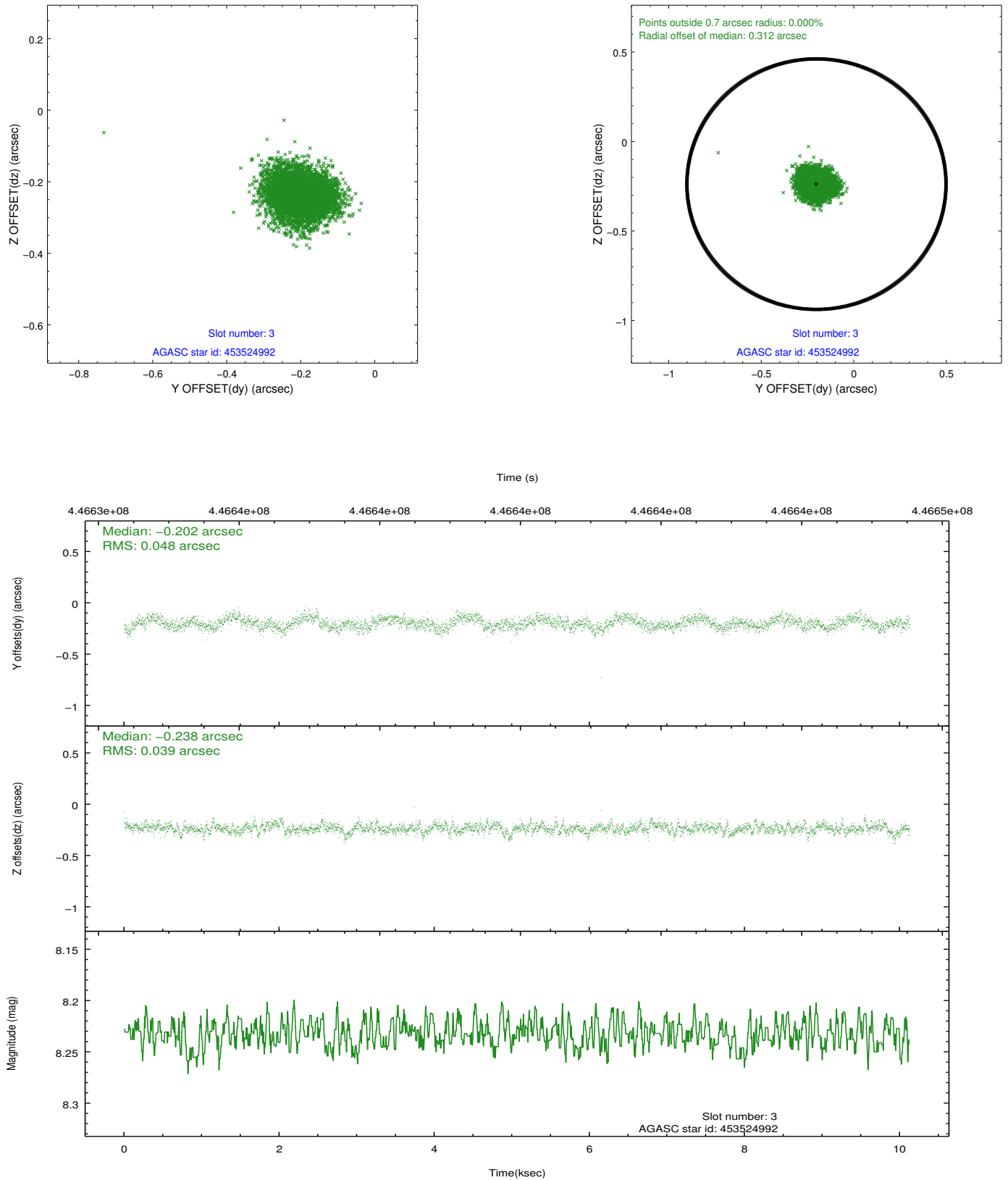


Slot Statistics

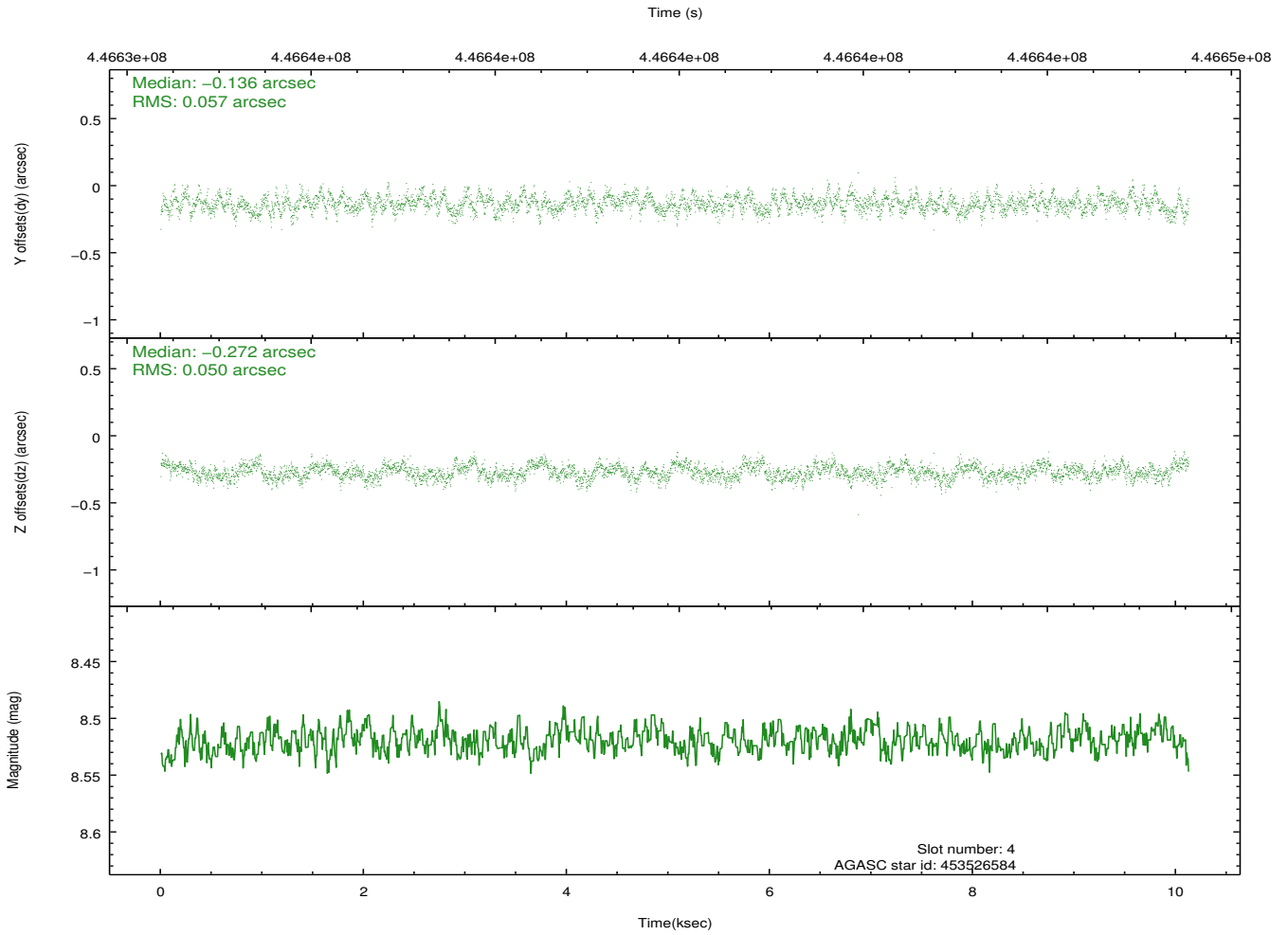
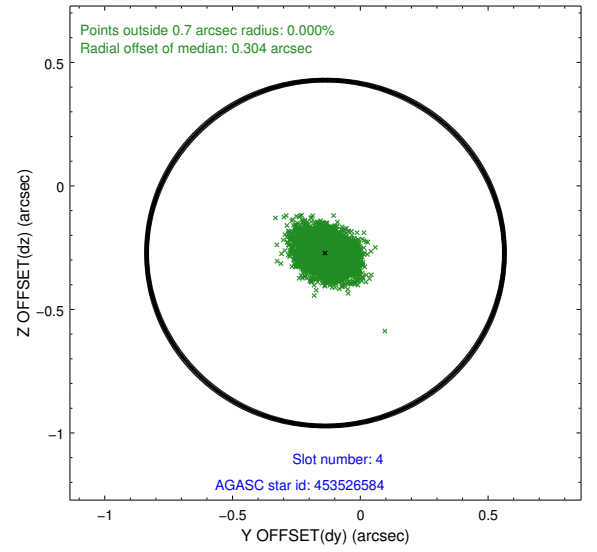
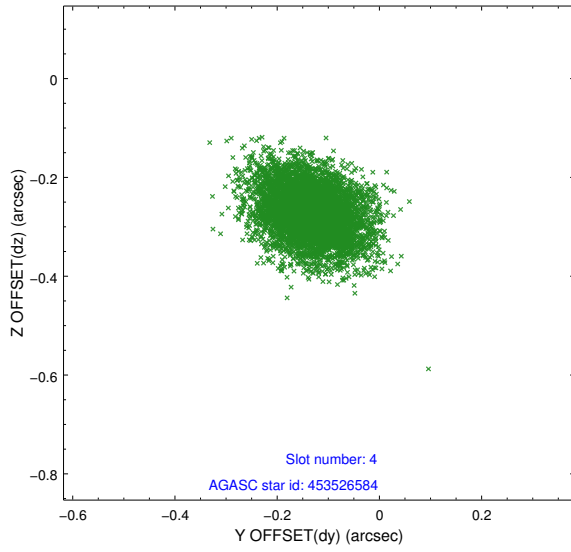
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	6.93	2469	-0.114	0.010	0.008	0.012	0.000000	0.000000	-768.51	-1736.99
1	FID	ACIS-S-4	7.02	2470	0.208	0.053	0.007	0.012	0.000000	0.000000	2144.86	170.97
2	FID	ACIS-S-5	7.05	2470	-0.126	-0.053	0.007	0.011	0.000000	0.000000	-1820.68	165.15
3	GUIDE	453524992	8.23	4937	-0.202	-0.238	0.066	0.106	197.874605	46.952147	-148.80	1861.34
4	GUIDE	453526584	8.52	4937	-0.136	-0.272	0.080	0.130	198.308844	46.493951	-2112.42	1961.05
5	GUIDE	453527616	8.29	4938	0.425	0.957	0.092	0.143	199.698285	47.140334	-2184.02	-2178.05
6	GUIDE	453527904	9.26	4940	-0.070	-0.329	0.141	0.232	198.045612	47.556000	1365.20	247.27
7	GUIDE	453526656	8.62	4938	-0.021	-0.128	0.098	0.162	198.420952	46.476188	-2326.83	1771.57

2.4 Star Slots

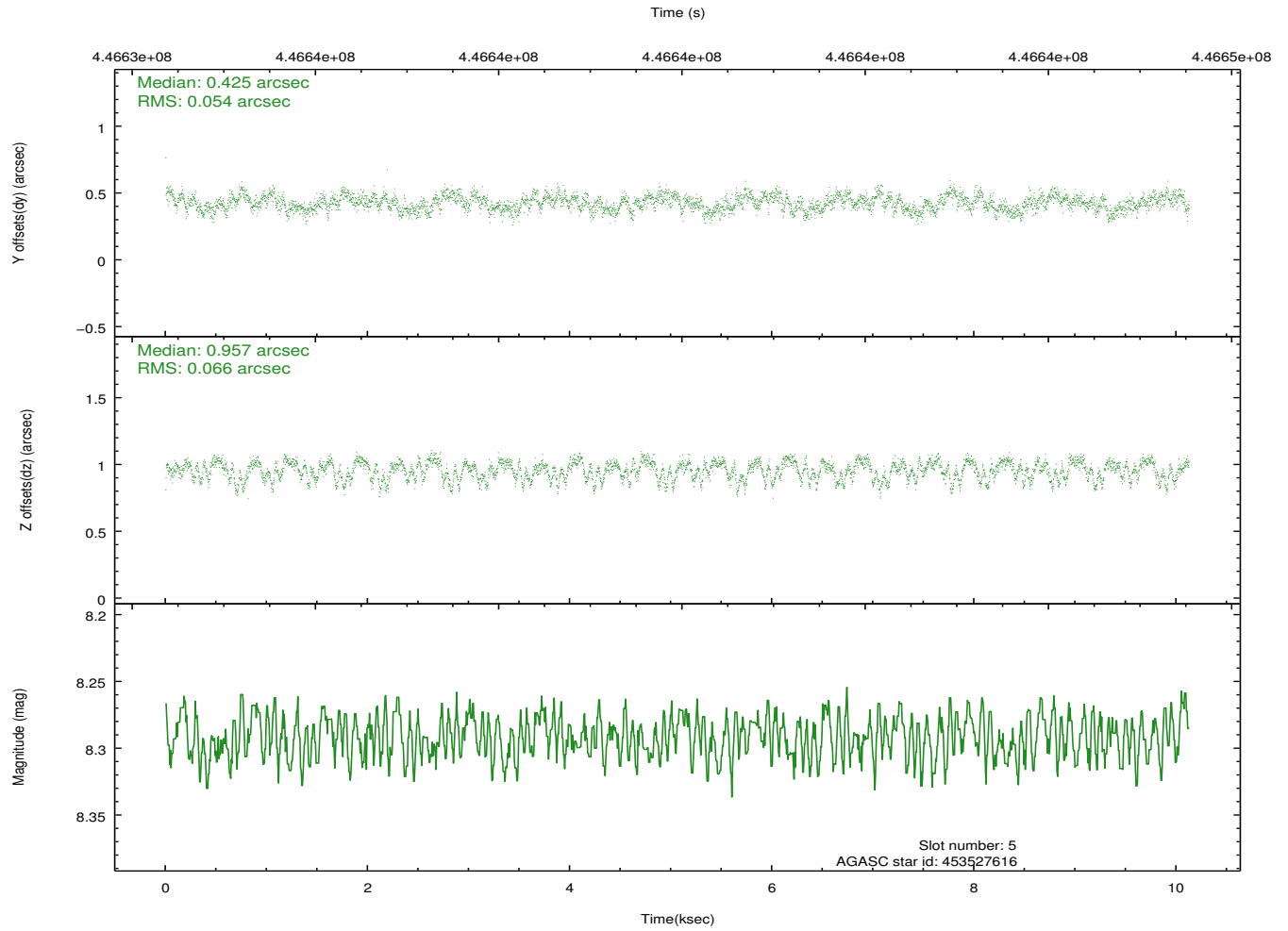
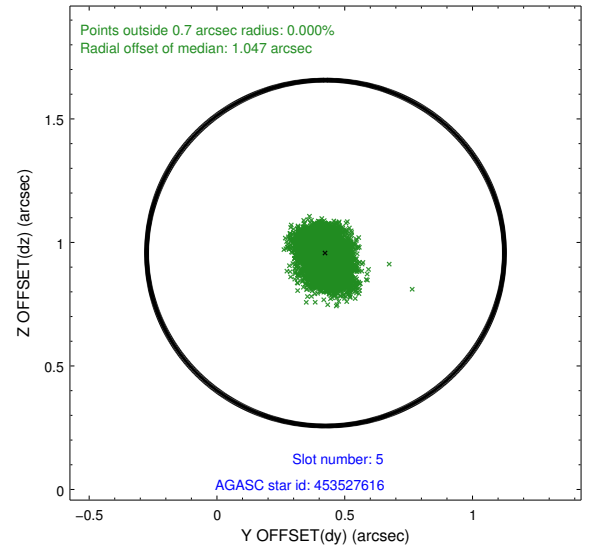
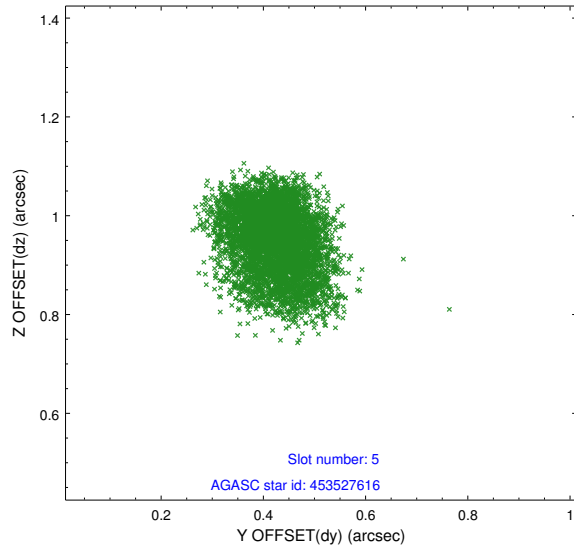
2.4.1 Slot 3



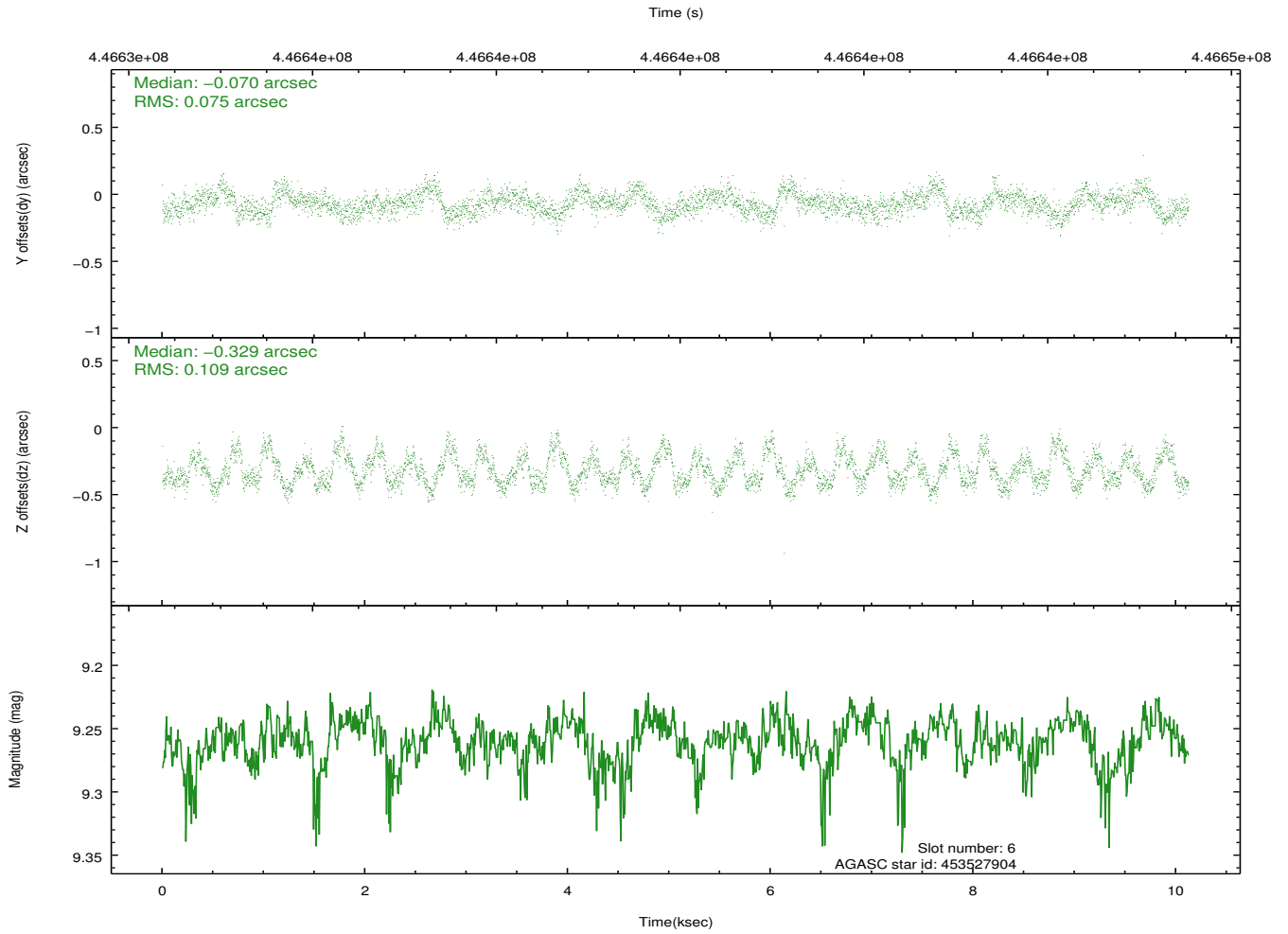
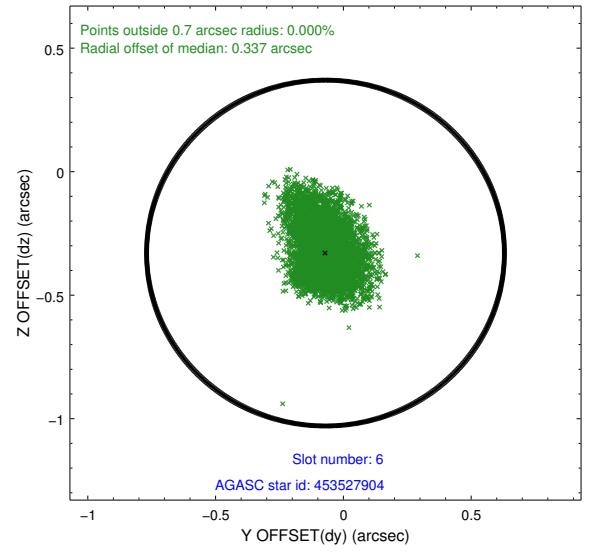
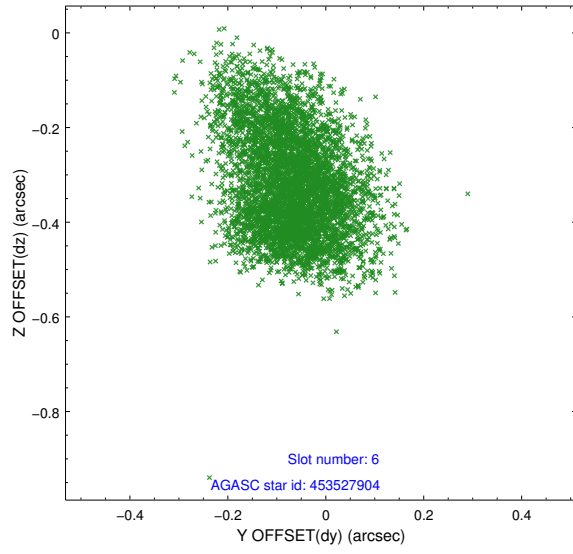
2.4.2 Slot 4



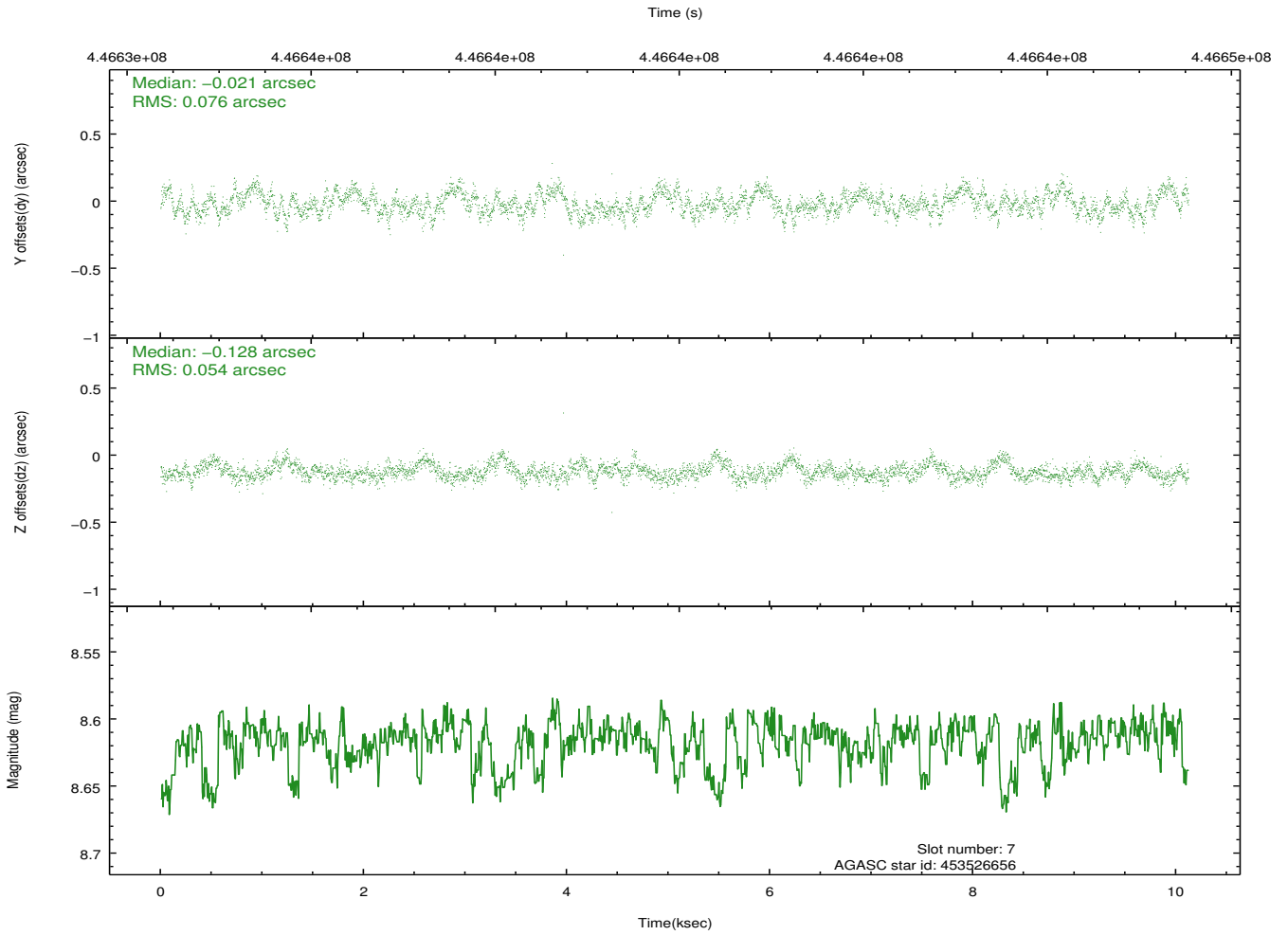
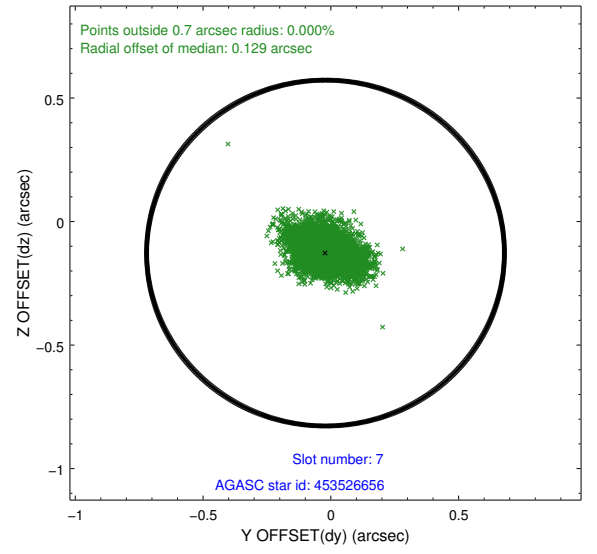
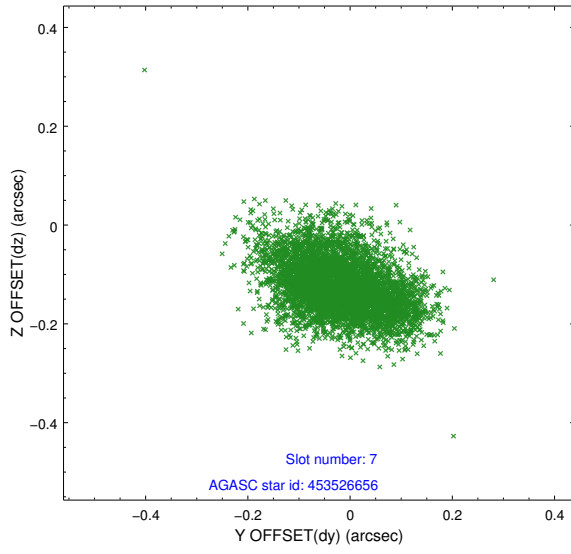
2.4.3 Slot 5



2.4.4 Slot 6

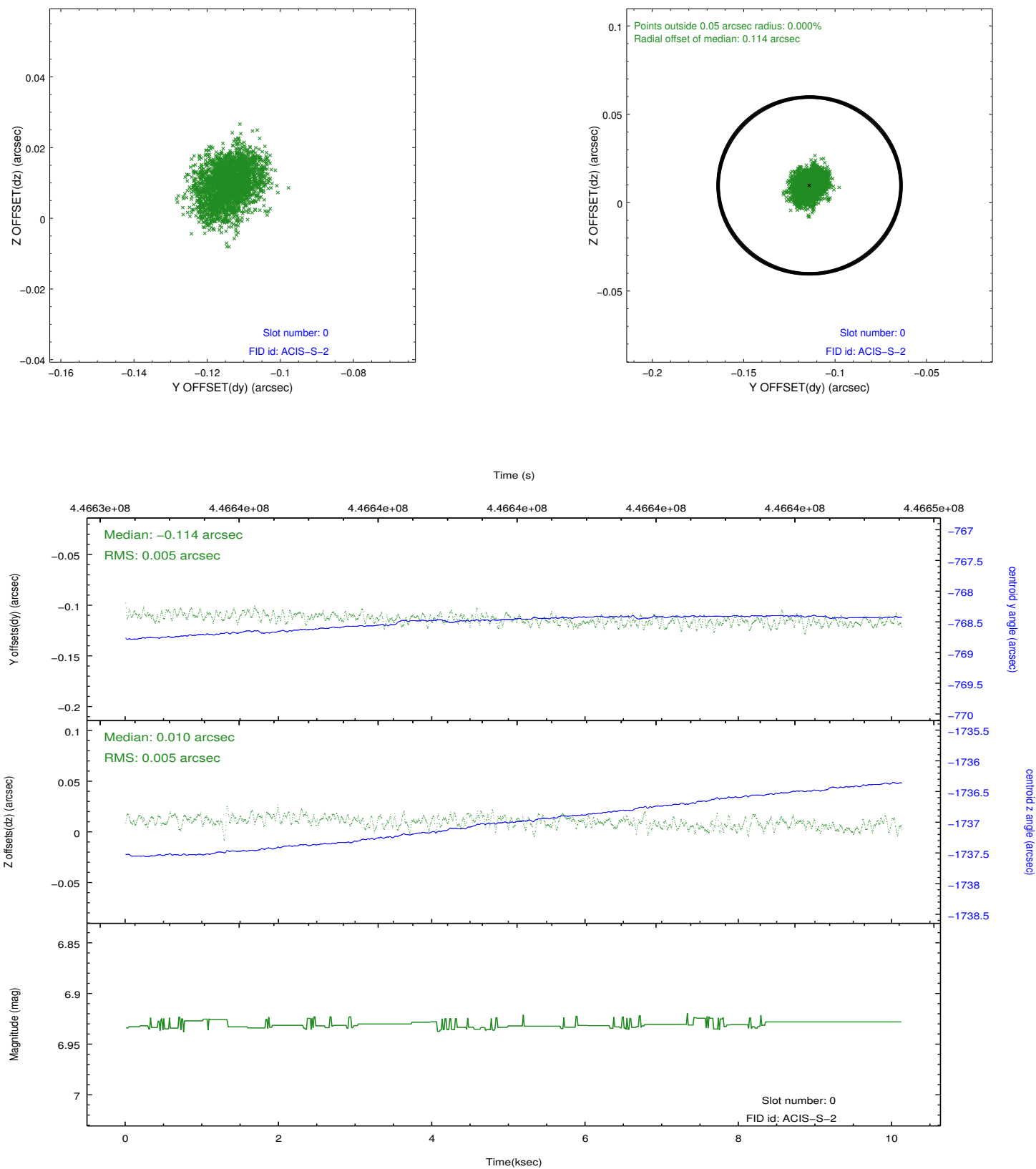


2.4.5 Slot 7

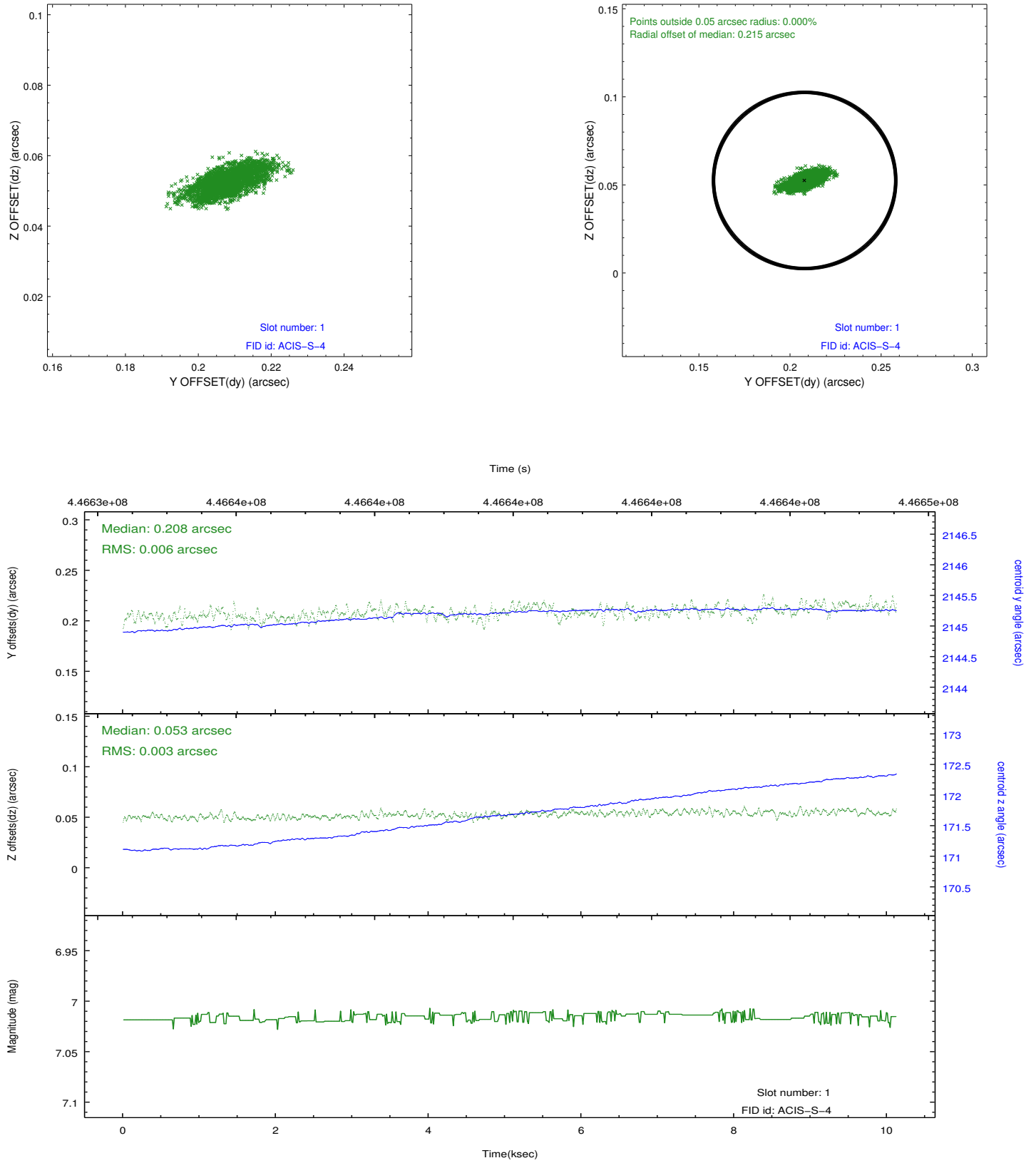


2.5 FID Slots

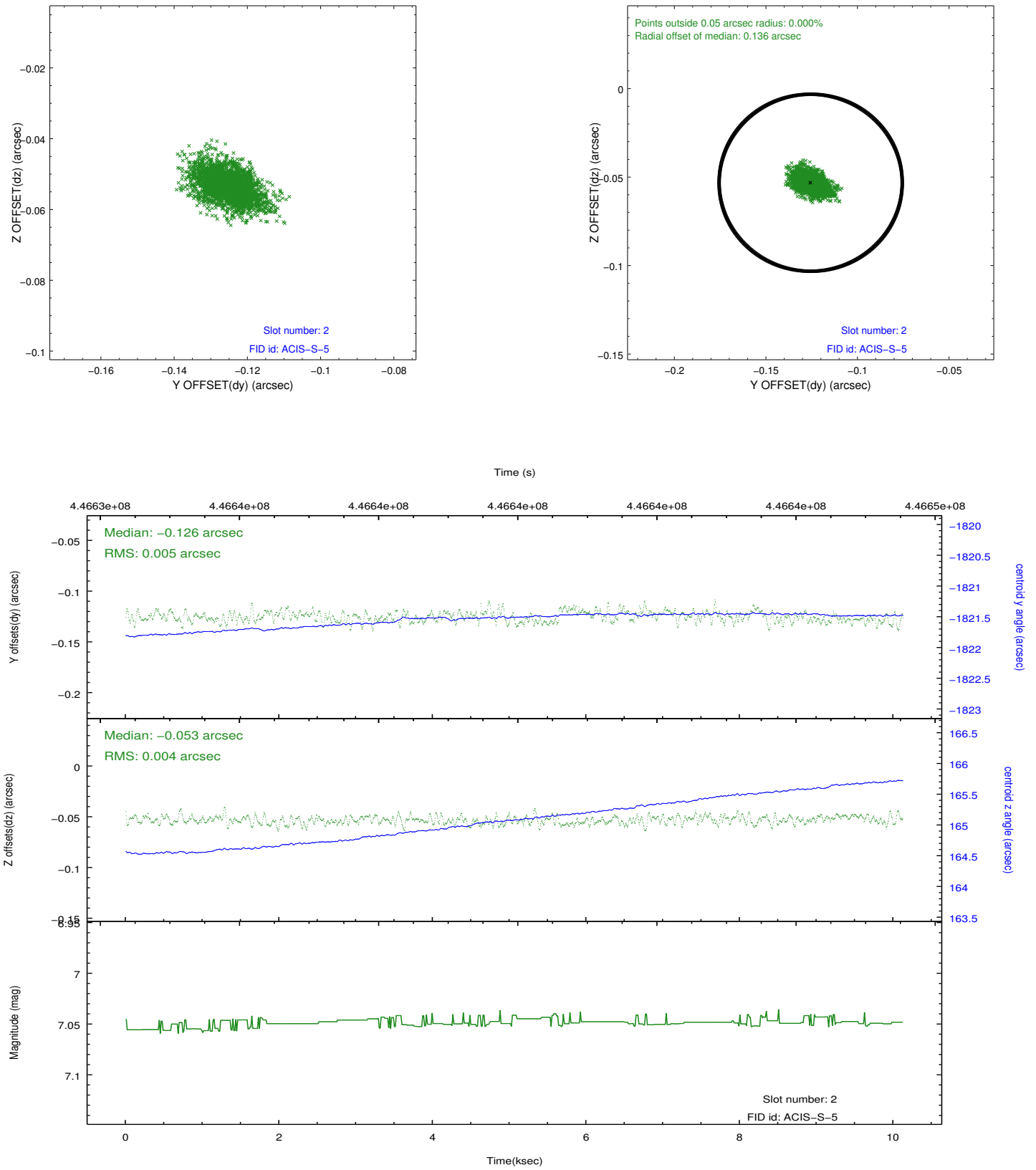
2.5.1 Slot 0



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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.062600077391

A.2 Comments

Window preference met.