

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7767 - L2 Version 2
Chandra X-Ray Center

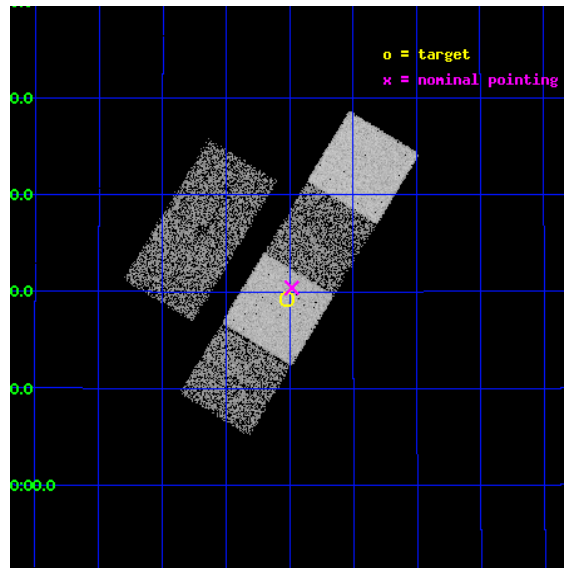
L2 Processing Date : Apr 25 2012

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1 Front

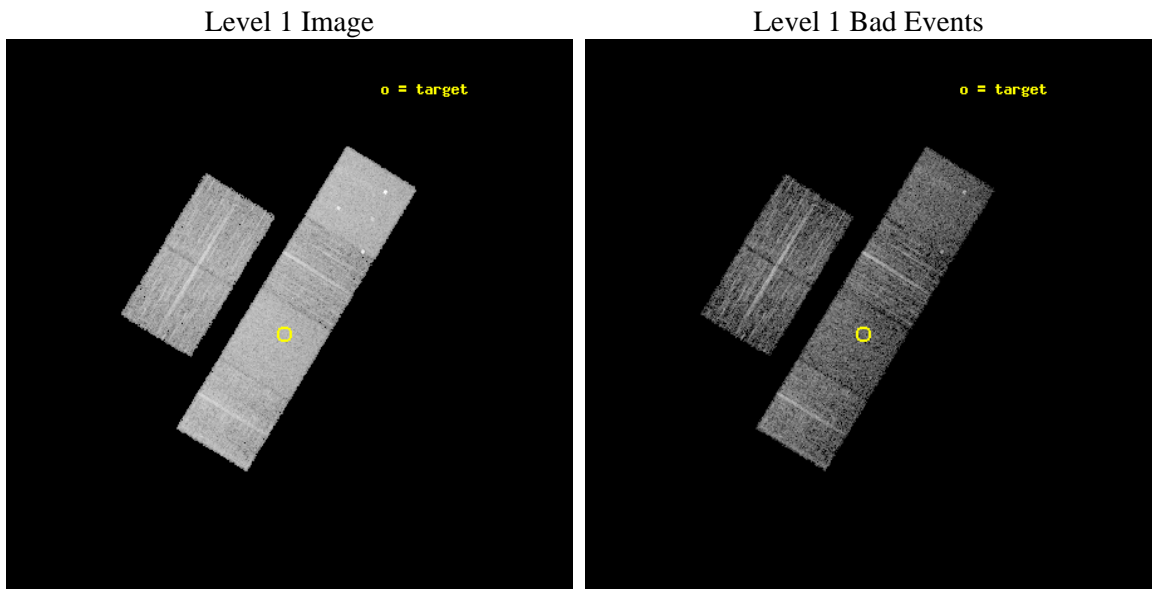
seq_num	701435	Sequence number
obs_id	7767	Observation id
title	Investigating AGN Activity in Low Surface Brightness Galaxies	Prop
observer	Dr Mousumi Das	Principal investigator
object	UGC 11754	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	322.38125	Observer's specified target RA [deg]
dec_targ	27.321389	Observer's specified target Dec [deg]
ra_nom	322.37054193828	Nominal RA [deg]
dec_nom	27.34009623614	Nominal Dec [deg]
roll_nom	121.37977464801	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4153.5999845862	Sum of GTIs [s]
livetime	4101.0046005838	Livetime [s]
ontime2	4153.5999845862	Sum of GTIs [s]
ontime3	4153.5999845862	Sum of GTIs [s]
ontime5	4153.5999845862	Sum of GTIs [s]
ontime6	4153.5999845862	Sum of GTIs [s]
ontime7	4153.5999845862	Sum of GTIs [s]
ontime8	4150.3590143323	Sum of GTIs [s]
l2events	65969	Number of level 2 events



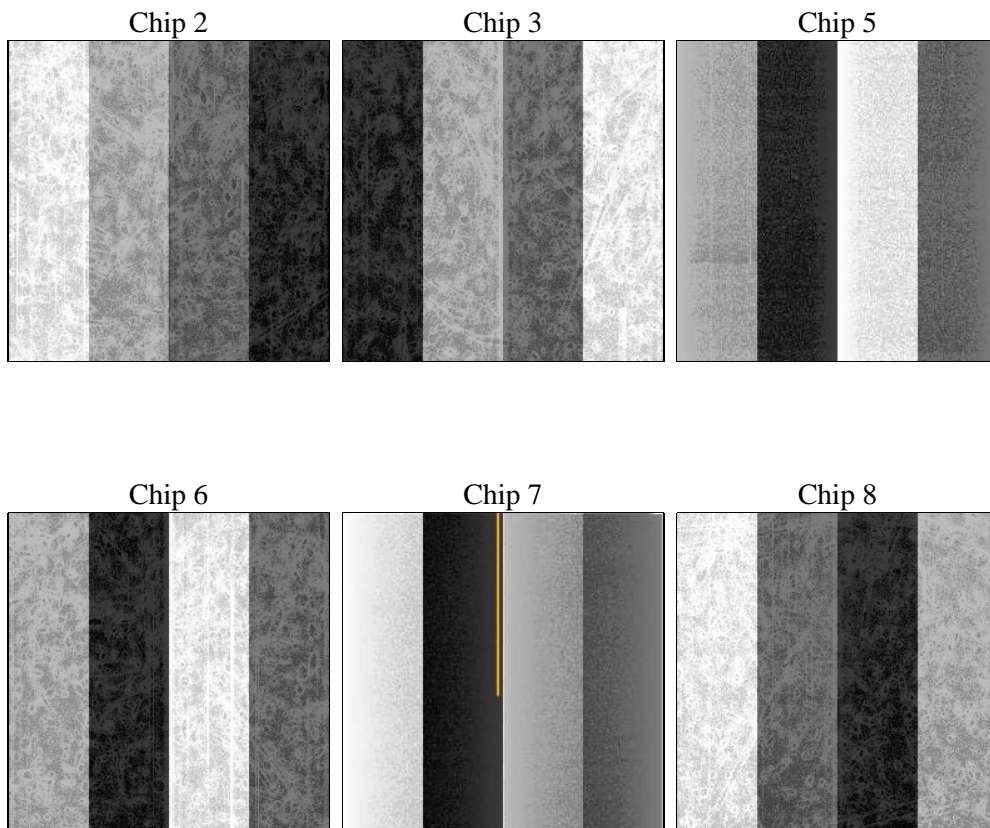
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4400.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	4153.5999845862	Sum of GTIs [s]
caldsver	4.4.9	 	ontime2	4153.5999845862	Sum of GTIs [s]
date	2012-04-25T20:49:19	Date and time of file creation	ontime3	4153.5999845862	Sum of GTIs [s]
revision	2	Processing version of data	ontime5	4153.5999845862	Sum of GTIs [s]
			ontime6	4153.5999845862	Sum of GTIs [s]
			ontime7	4153.5999845862	Sum of GTIs [s]
			ontime8	4150.3590143323	Sum of GTIs [s]
			l1events	293956	Number of level 1 events

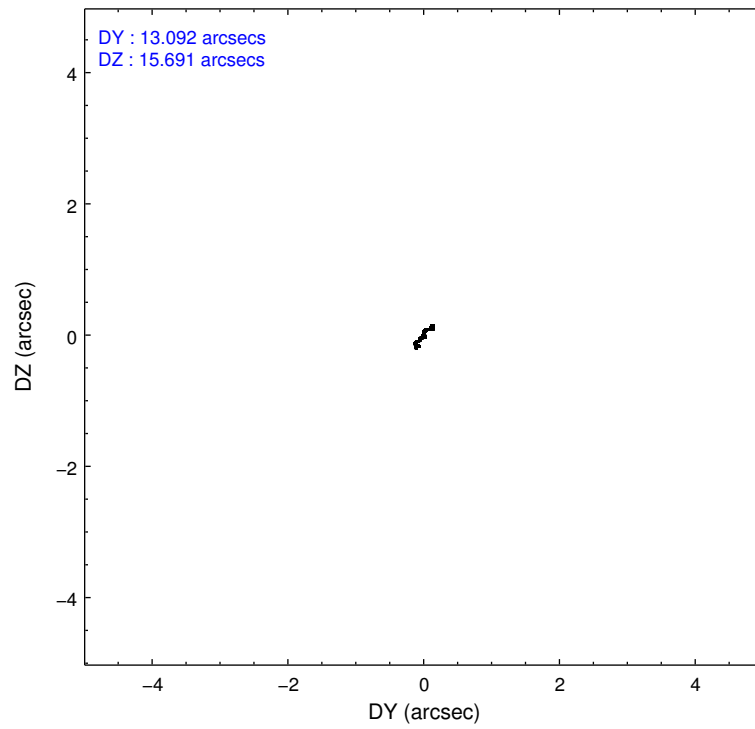
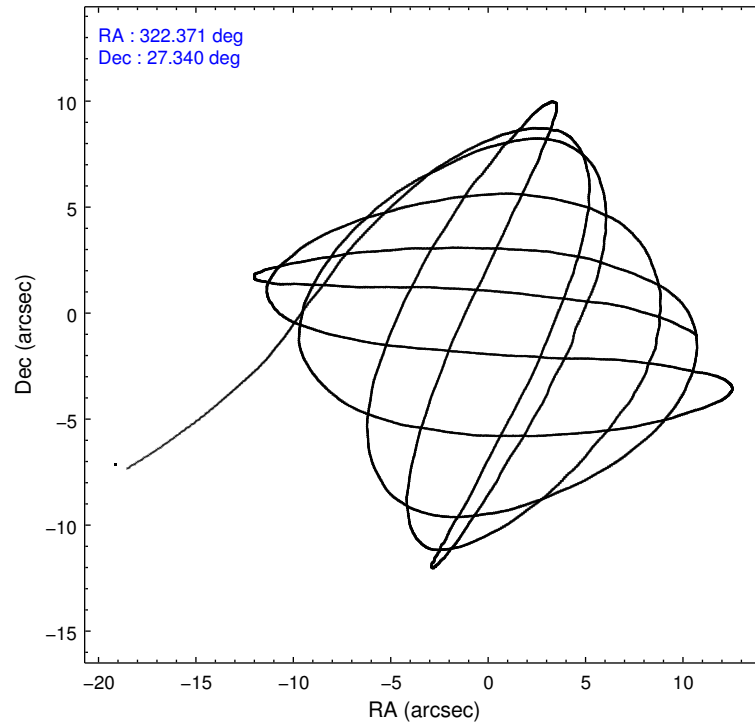
2.1.4 Events

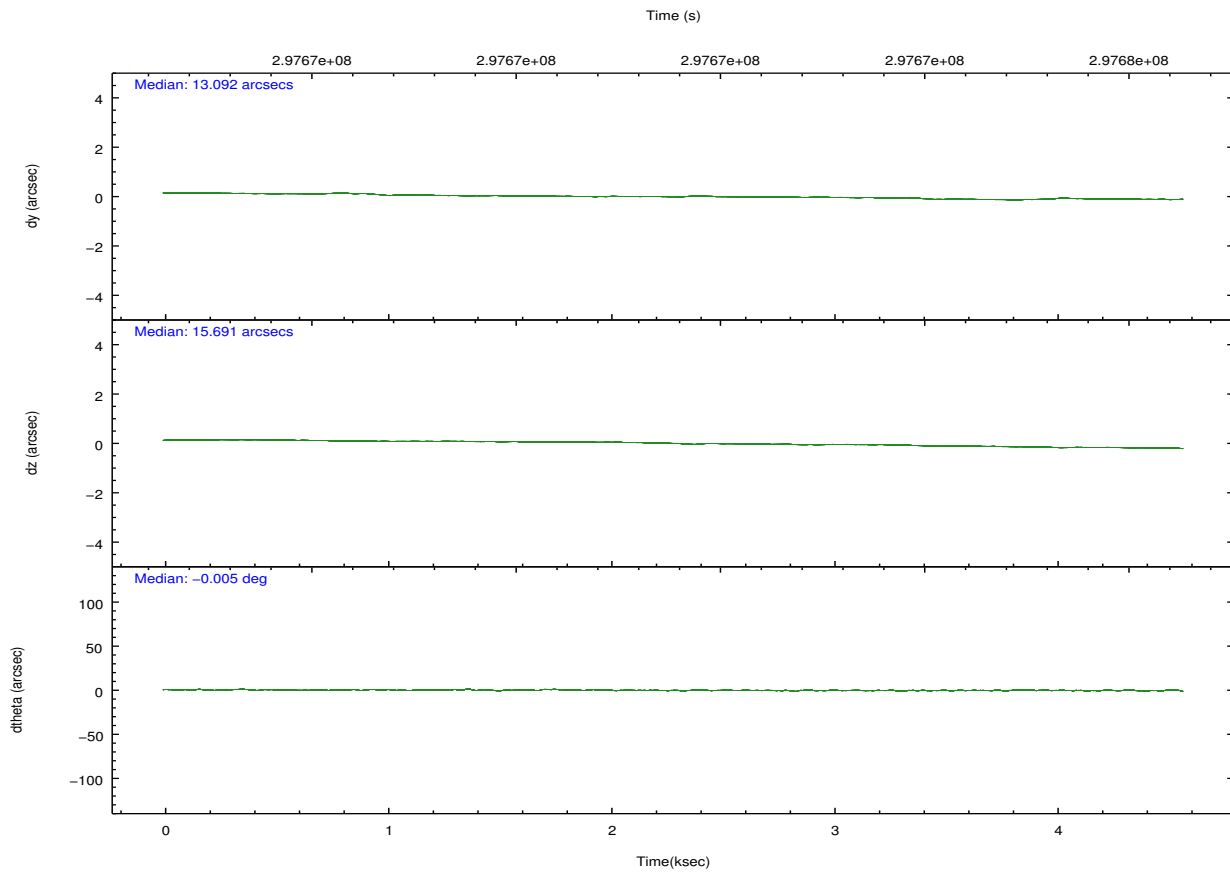
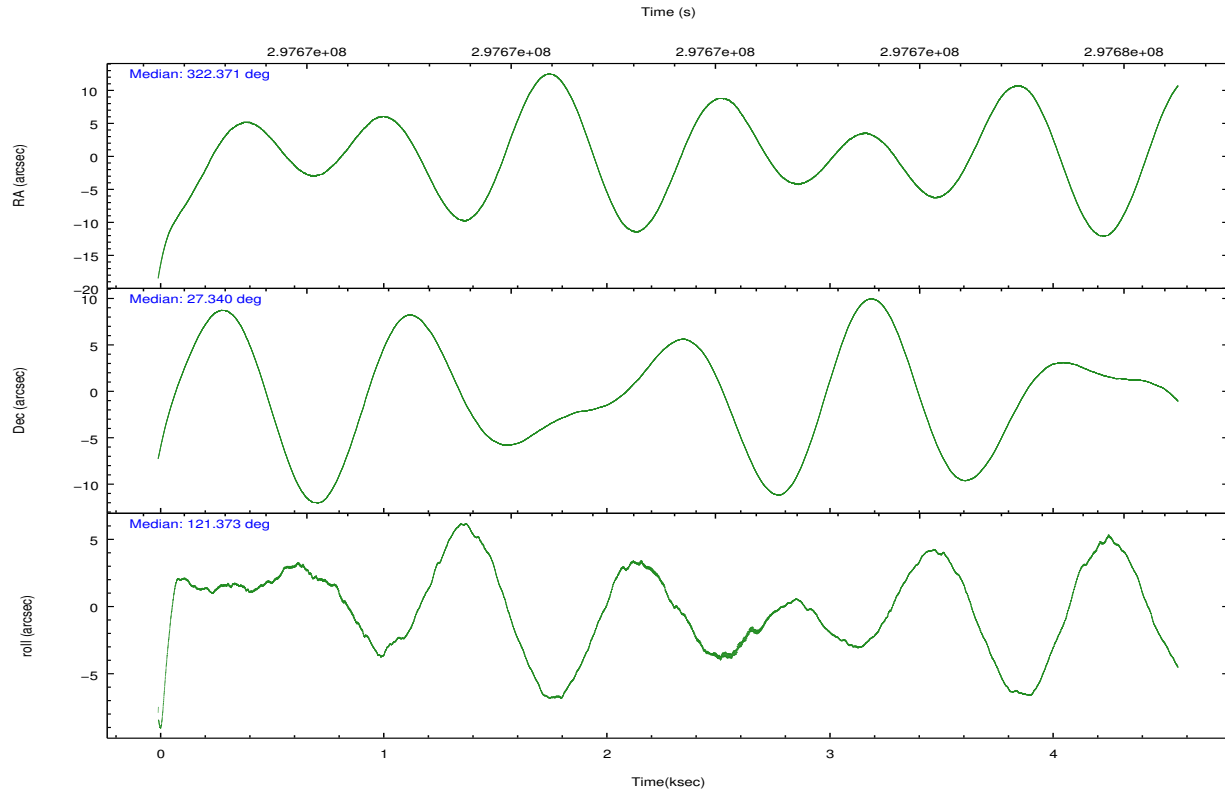
	ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8		ccd 2	ccd 3	ccd 5	ccd 6	ccd 7	ccd 8
level 1 events	40982	40207	62048	41112	54814	54793	grade 0 events	2120	2057	3020	1938	1952	3712
rejected events	36194	35504	33129	36292	31943	43132		5%	5%	4%	4%	3%	6%
rejected %	88%	88%	53%	88%	58%	78%	grade 1 events	24	32	146	16	78	50
								0%	0%	0%	0%	0%	0%
							grade 2 events	1019	929	8696	1047	4628	2598
								2%	2%	14%	2%	8%	4%
							grade 3 events	393	454	1078	448	1910	1264
								0%	1%	1%	1%	3%	2%
							grade 4 events	455	418	1037	466	1991	1178
								1%	1%	1%	1%	3%	2%
							grade 5 events	1587	1854	4547	1865	5119	2366
								3%	4%	7%	4%	9%	4%
							grade 6 events	802	853	15143	927	12403	2924
								1%	2%	24%	2%	22%	5%
							grade 7 events	34582	33610	28381	34405	26733	40701
								84%	83%	45%	83%	48%	74%

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	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	322.397890	322.3705419382815	CCD I2 on	O1	Y
[deg] Pointing Dec	27.327228	27.34009623614002	CCD I3 on	O2	Y
[deg] Pointing Roll	121.210636	121.3797746480121	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	Y	Y
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	Y	Y
[mm] SIM translation stage pos	-190.132523	-190.145094680475	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01257209746719923	CCD S4 on	Y	Y
[s] Observation start time (MET)	297670655.184000	297669706.56829	CCD S5 on	N	N
Observation start date	2007-06-08T06:16:30	2007-06-08T06:01:46	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	297675055.184000	297675732.03108	On-chip summing requested	N	N
Observation end date	2007-06-08T07:29:50	2007-06-08T07:42:12	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



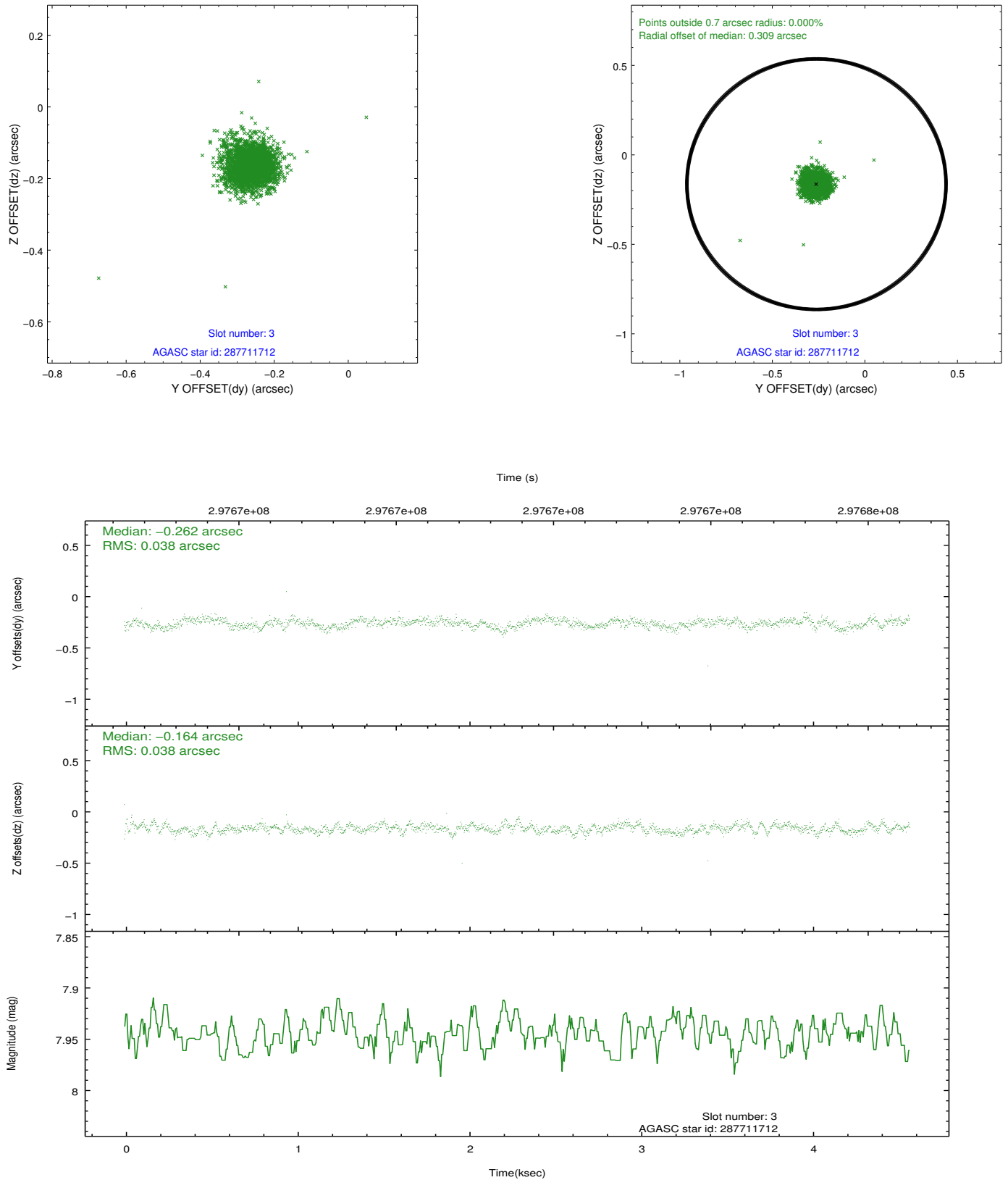


Slot Statistics

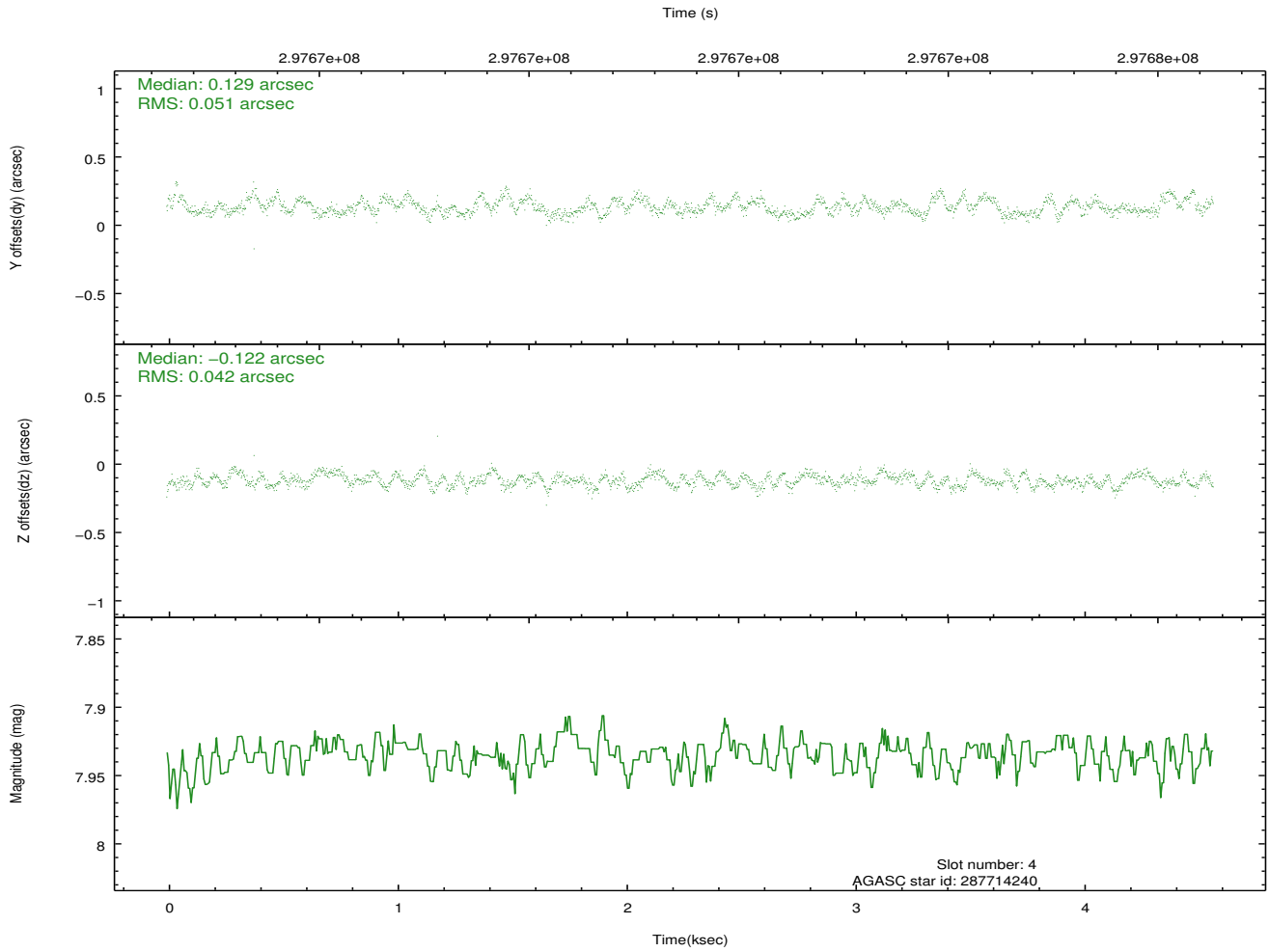
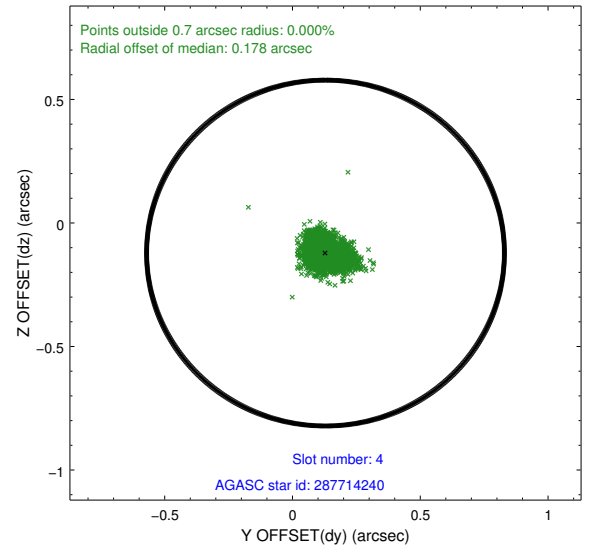
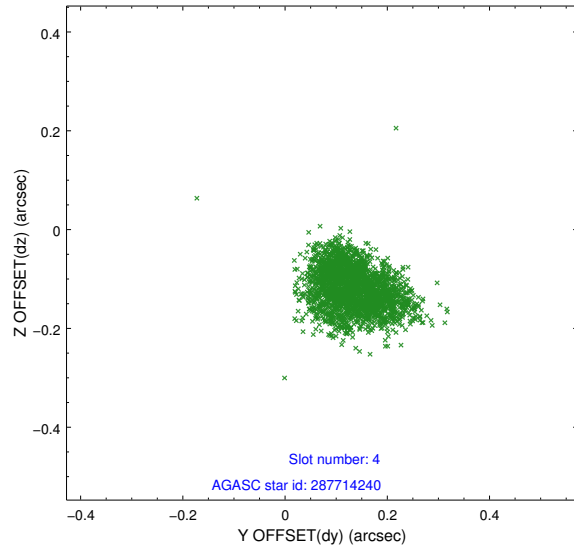
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1115	-0.048	-0.024	0.006	0.011	0.000000	0.000000	-766.03	-1737.02
1	FID	ACIS-S-4	7.19	1115	0.172	0.030	0.006	0.011	0.000000	0.000000	2146.82	170.16
2	FID	ACIS-S-5	7.22	1115	-0.155	0.003	0.007	0.013	0.000000	0.000000	-1817.28	165.28
3	GUIDE	287711712	7.94	2231	-0.262	-0.164	0.054	0.090	321.730750	27.358116	1204.42	1763.91
4	GUIDE	287714240	7.93	2229	0.129	-0.122	0.071	0.110	322.181037	26.569795	-1969.60	2009.76
5	GUIDE	287715784	9.02	2231	0.045	-0.358	0.084	0.135	321.967548	26.766923	-1007.95	2227.62
6	GUIDE	287838208	8.75	2230	0.104	0.338	0.069	0.109	323.122106	27.356012	-1106.17	-2036.17
7	GUIDE	287842096	8.40	2228	-0.017	0.307	0.063	0.104	323.072994	27.370473	-980.99	-1930.22

2.4 Star Slots

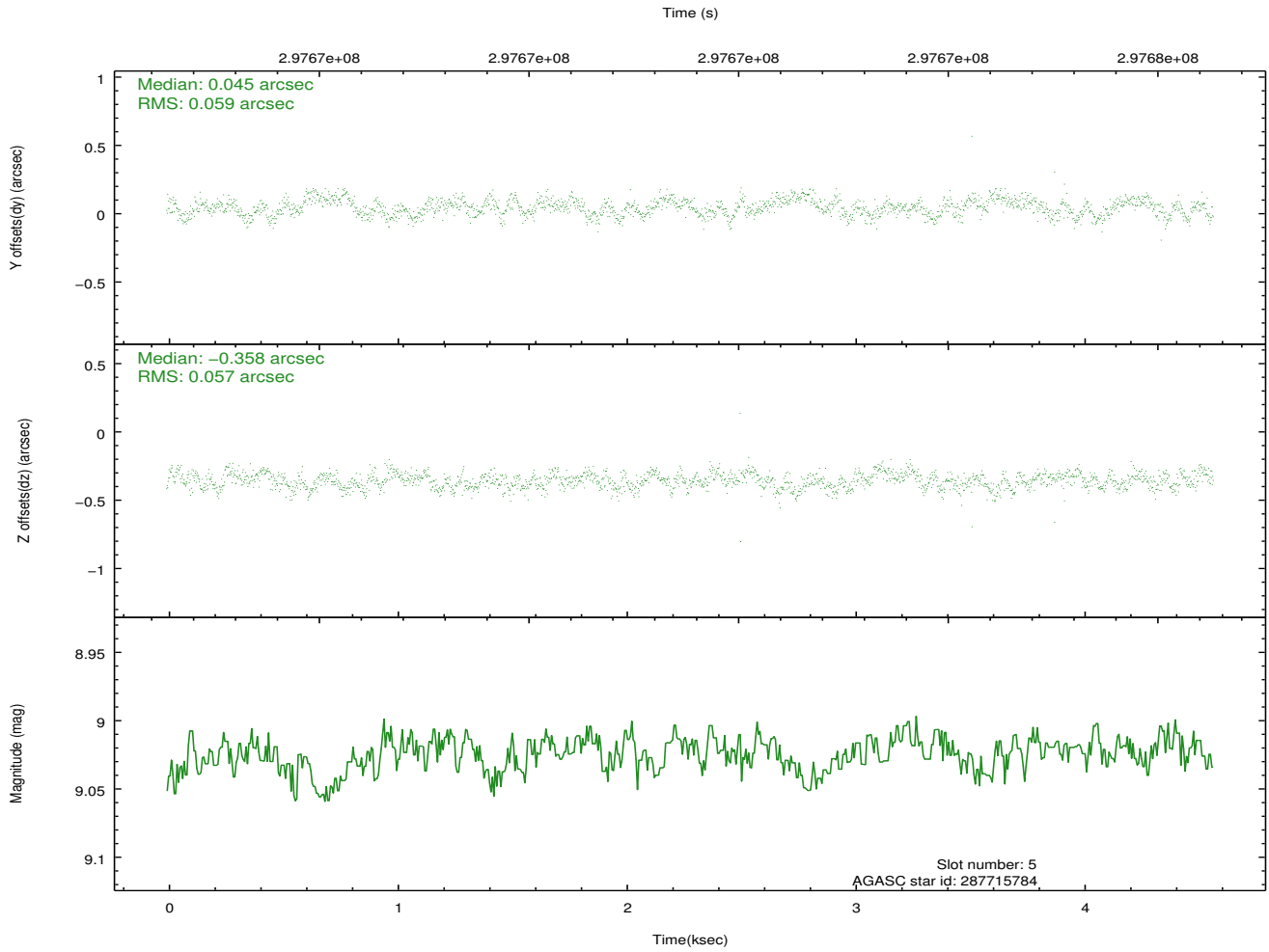
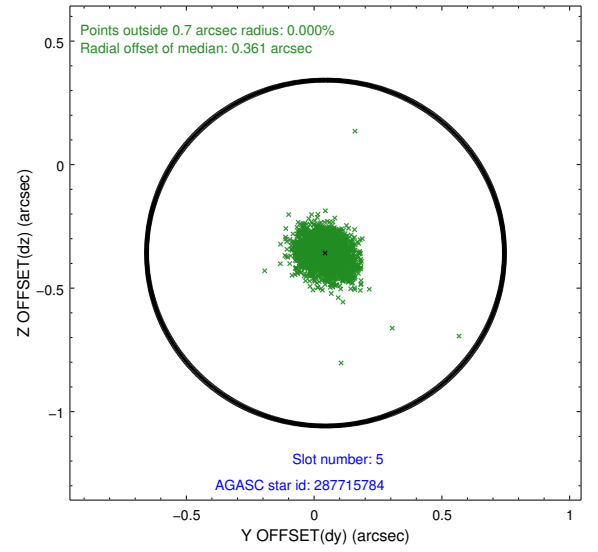
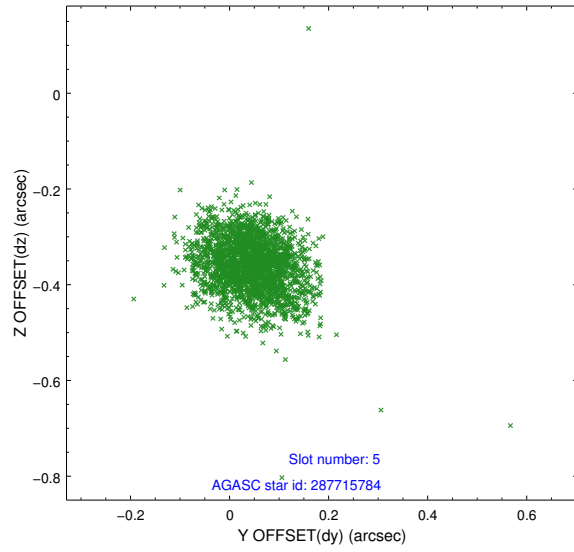
2.4.1 Slot 3



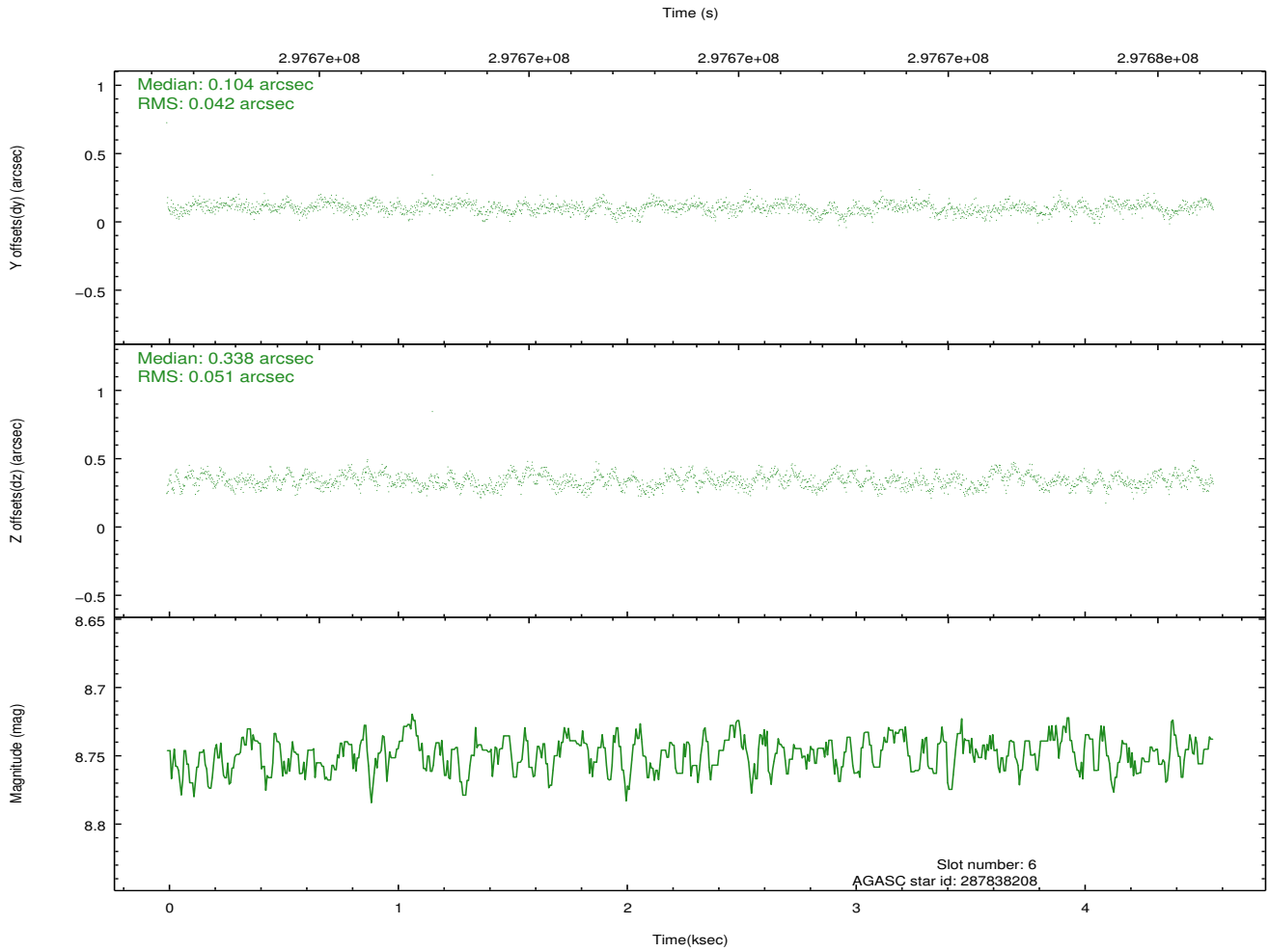
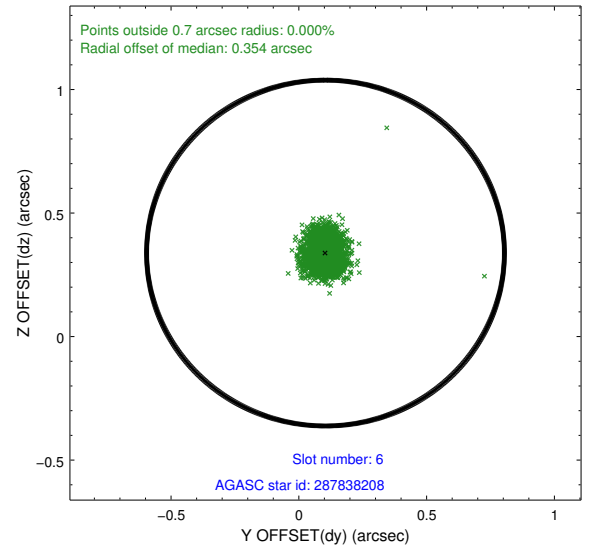
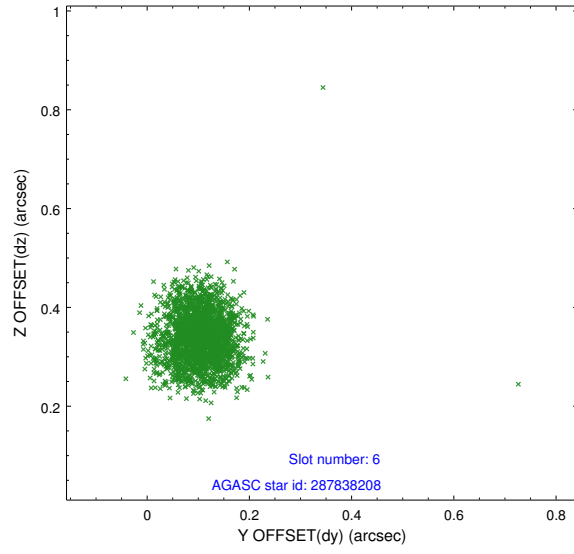
2.4.2 Slot 4



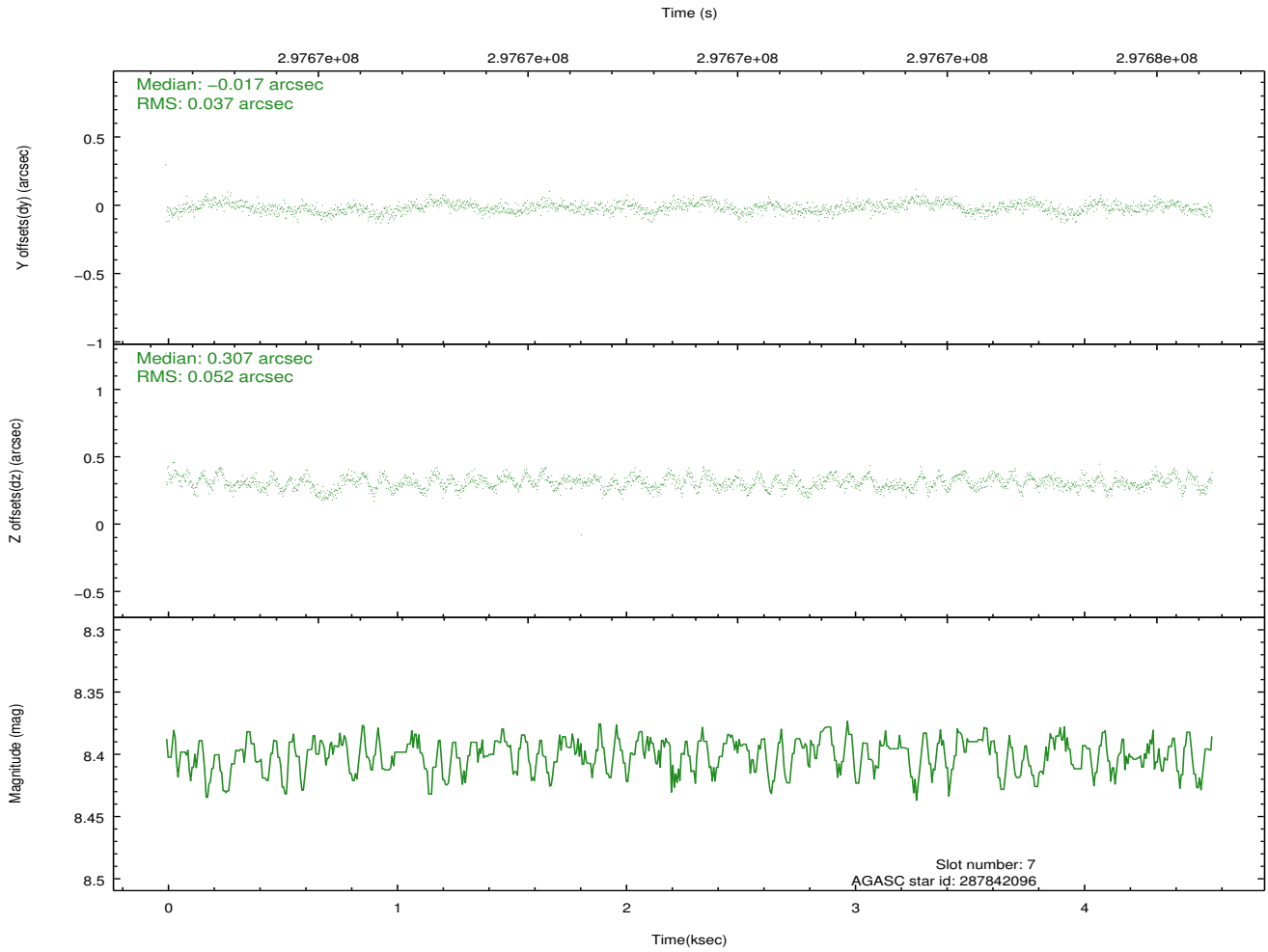
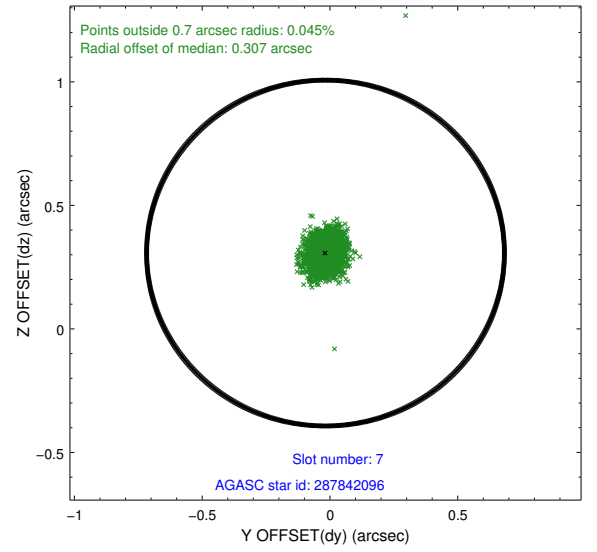
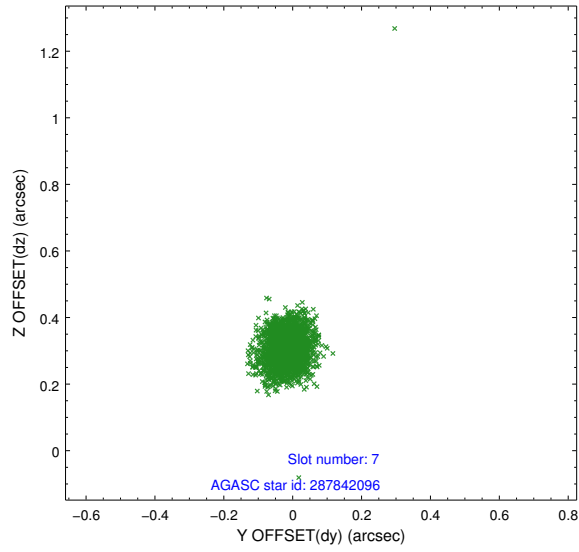
2.4.3 Slot 5



2.4.4 Slot 6

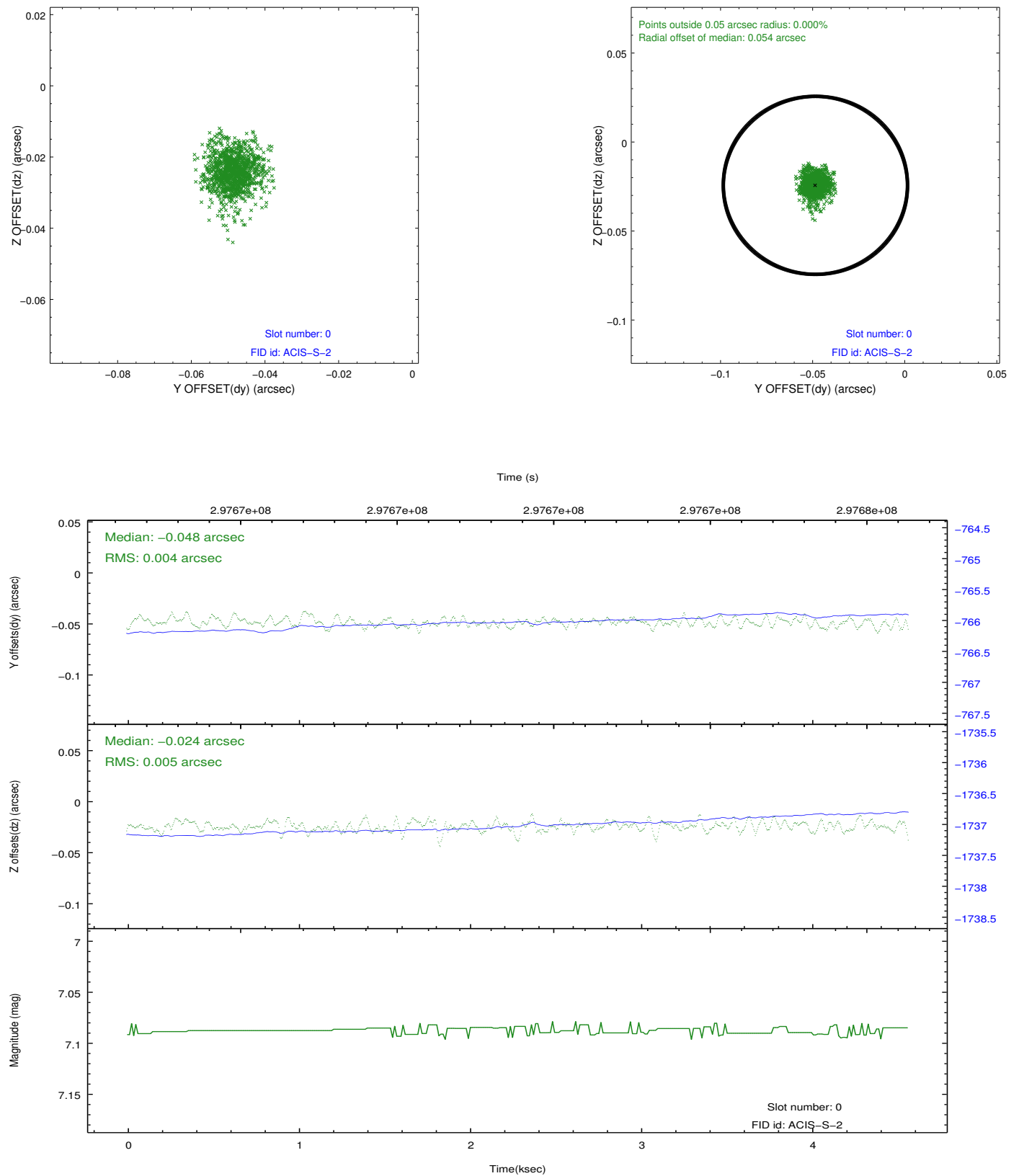


2.4.5 Slot 7

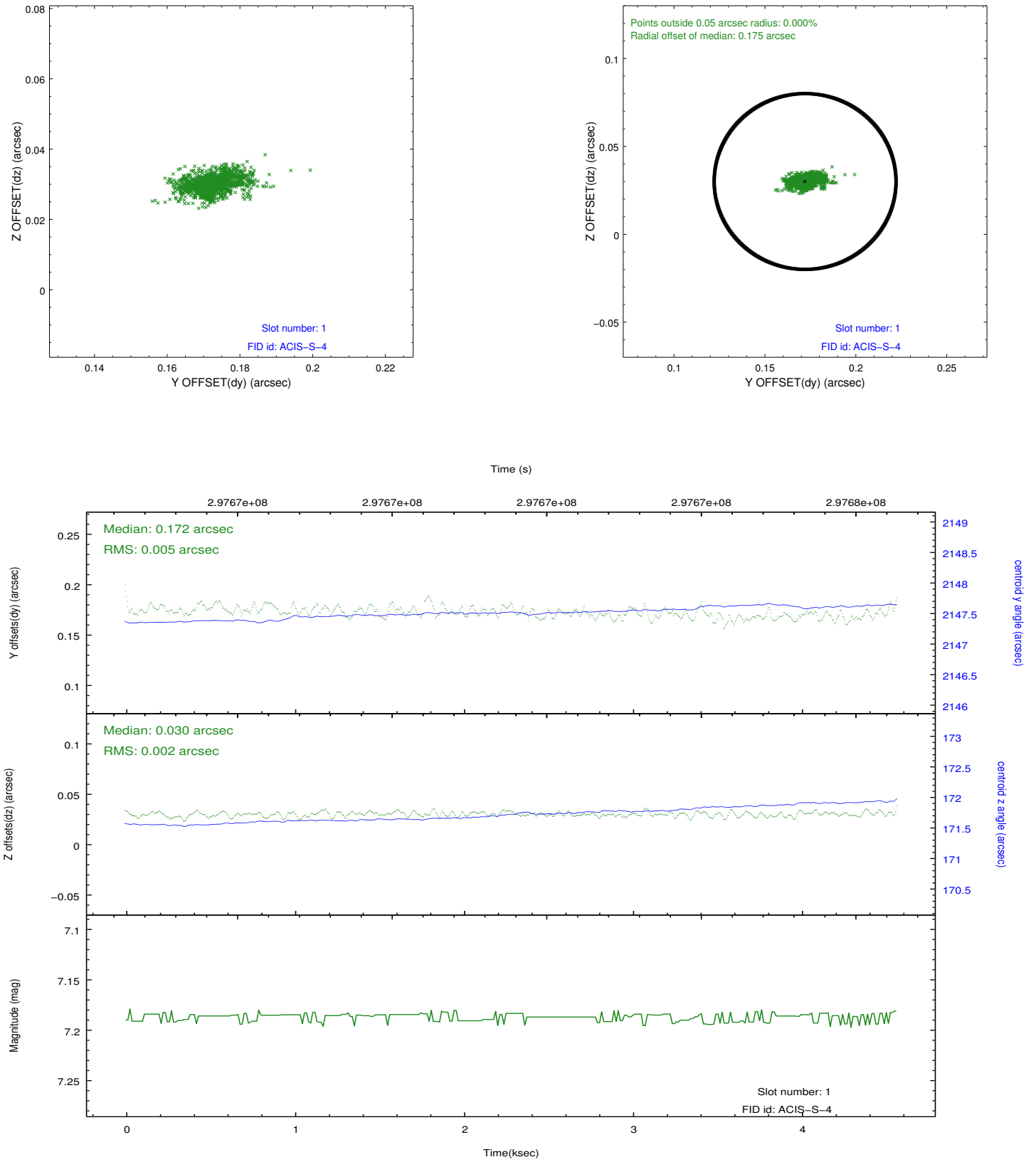


2.5 FID Slots

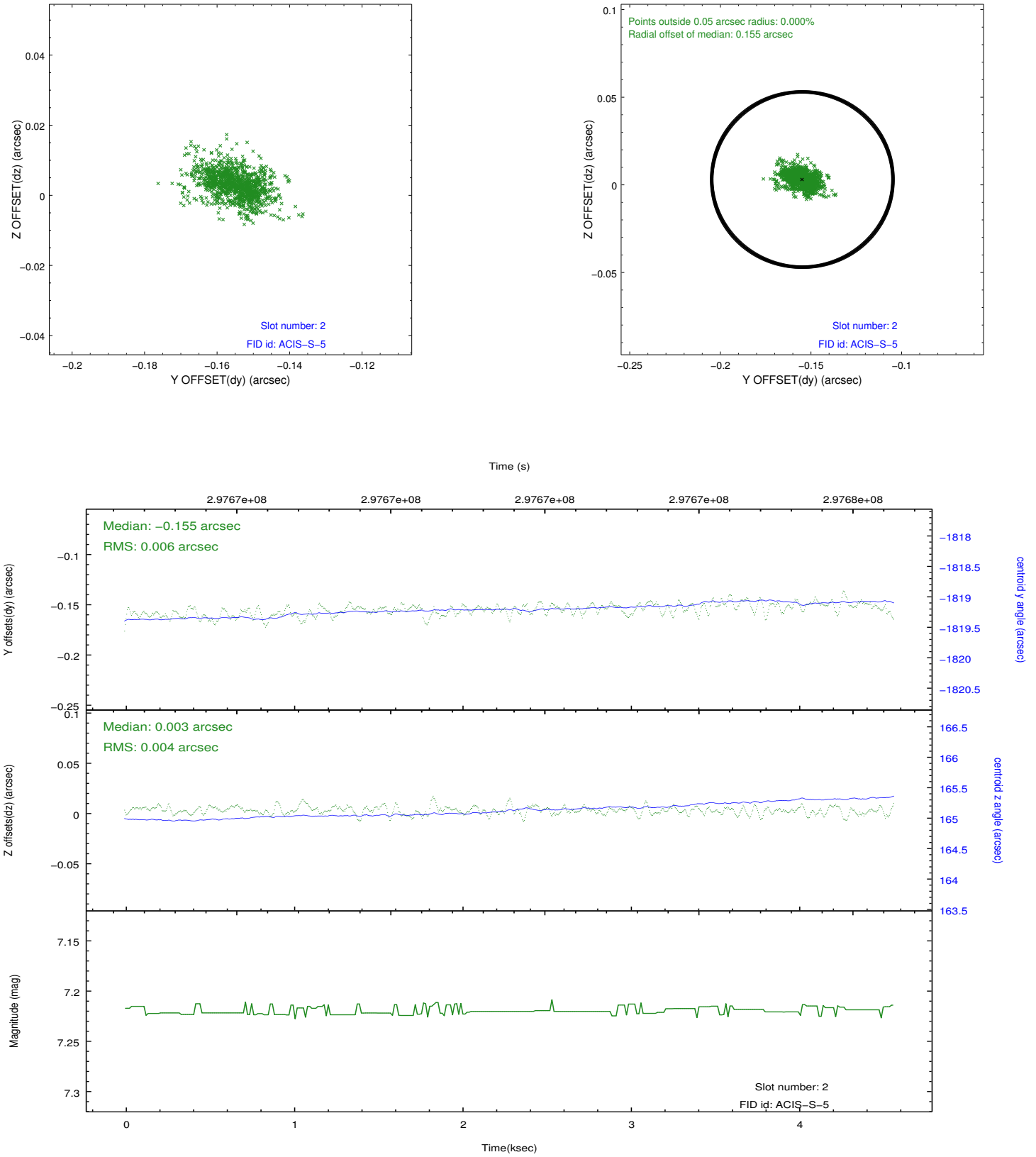
2.5.1 Slot 0



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)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.15359998

A.2 Comments