

V&V Reference Report

L2 ASCDS Version : 10.3

Observation 17488 - L2 Version 1
Chandra X-Ray Center

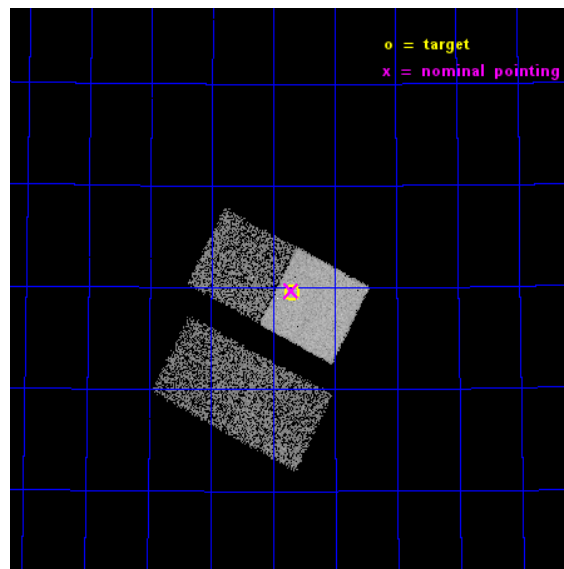
L2 Processing Date : Nov 21 2014

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1 Front

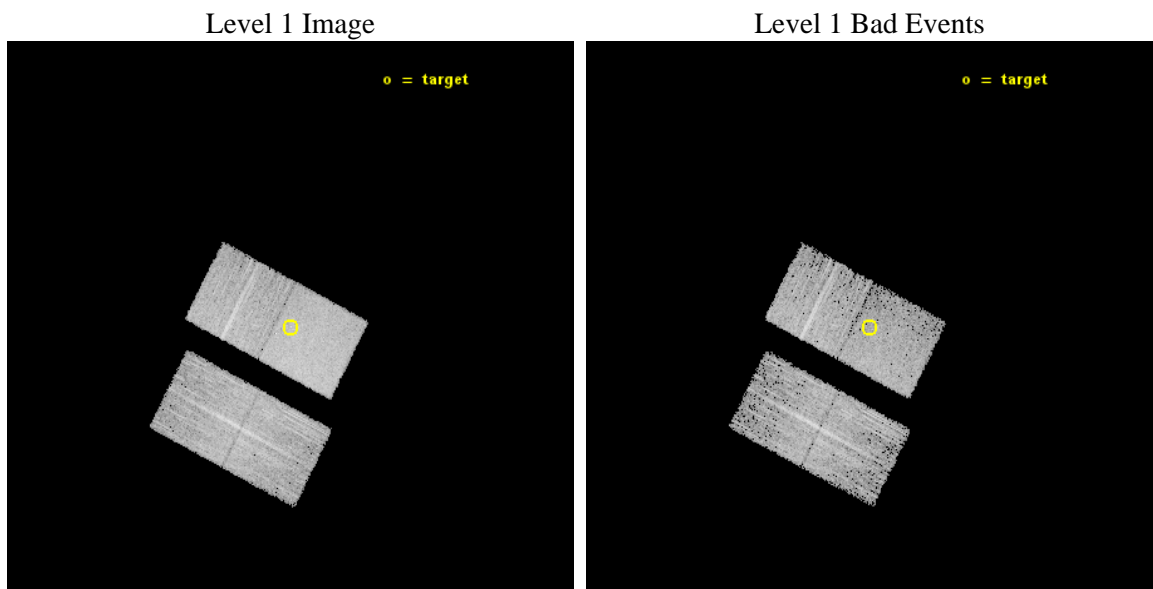
seq_num	702959	Sequence number
obs_id	17488	Observation id
title	Continuing the Chandra 3CR Snapshot Survey: 23 Radio Sources with 0.5	Proposal title
observer	Dr. Francesco Massaro	Principal investigator
object	3C292	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.675	Observer's specified target RA [deg]
dec_targ	64.491833	Observer's specified target Dec [deg]
ra_nom	207.67577721321	Nominal RA [deg]
dec_nom	64.494990561678	Nominal Dec [deg]
roll_nom	27.401280569559	Nominal Roll [deg]
revision	1	Processing version of data
ontime	8072.4000620842	Sum of GTIs [s]
livetime	7966.9282124586	Livetime [s]
ontime2	8072.4000620842	Sum of GTIs [s]
ontime3	8069.2590916753	Sum of GTIs [s]
ontime6	8072.4000620842	Sum of GTIs [s]
ontime7	8072.4000620842	Sum of GTIs [s]
l2events	38347	Number of level 2 events



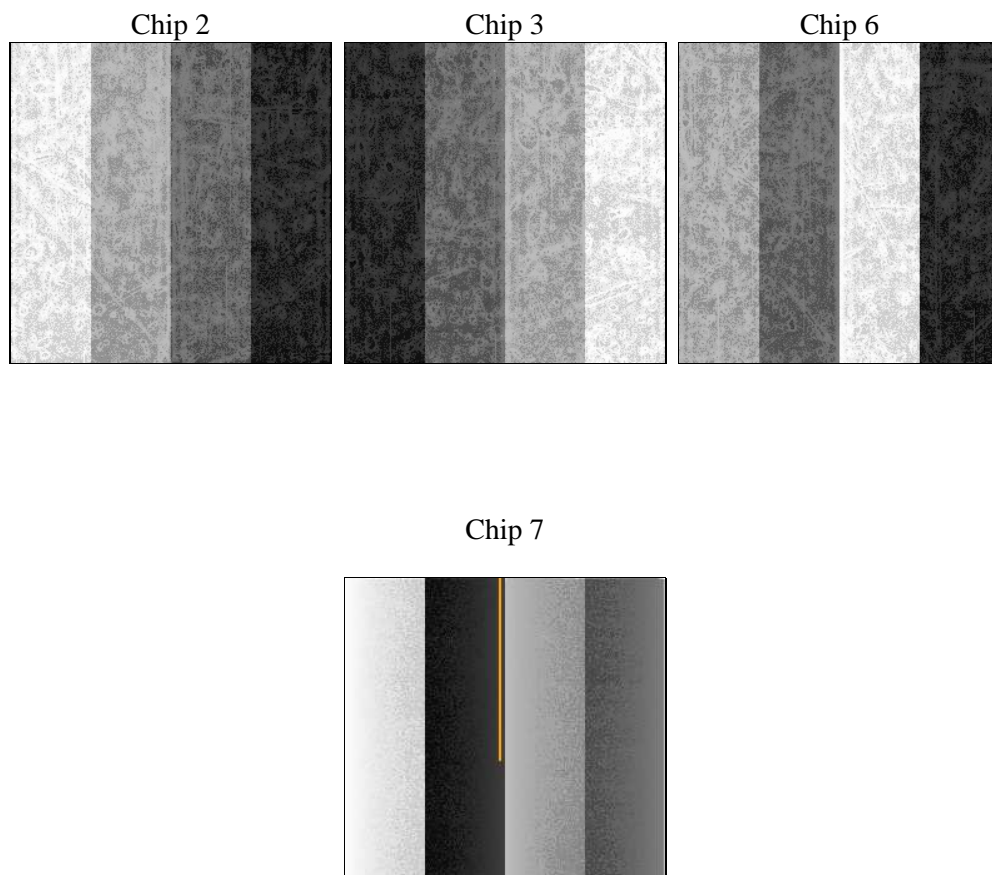
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	8000.000000	[s] Scheduled observation exposure time
ascdsver	10.3	Processing system revision	ontime	8072.4000620842	Sum of GTIs [s]
caldsver	4.6.4	 	ontime2	8072.4000620842	Sum of GTIs [s]
date	2014-11-22T03:40:38	Date and time of file creation	ontime3	8069.2590916753	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	8072.4000620842	Sum of GTIs [s]
			ontime7	8072.4000620842	Sum of GTIs [s]
			l1events	189349	Number of level 1 events

2.1.4 Events

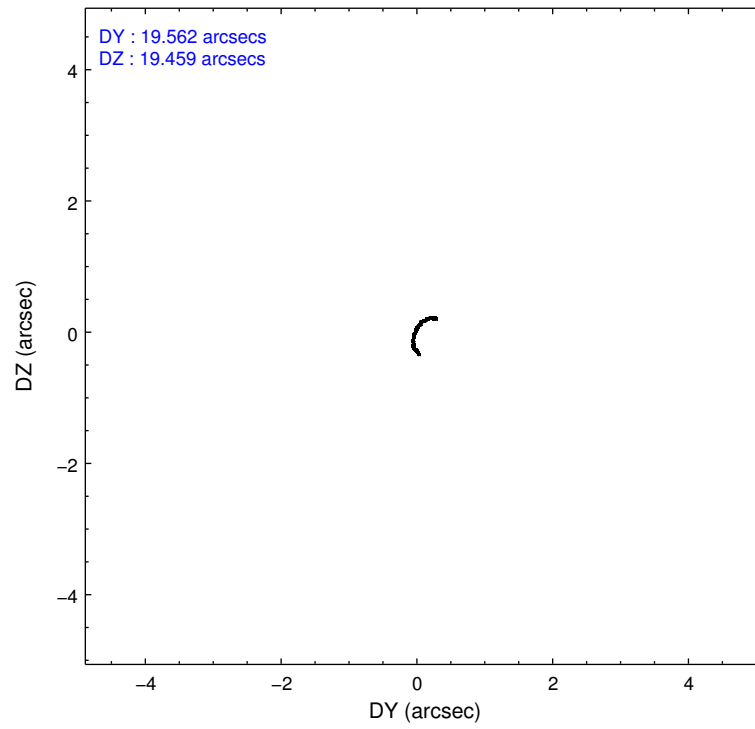
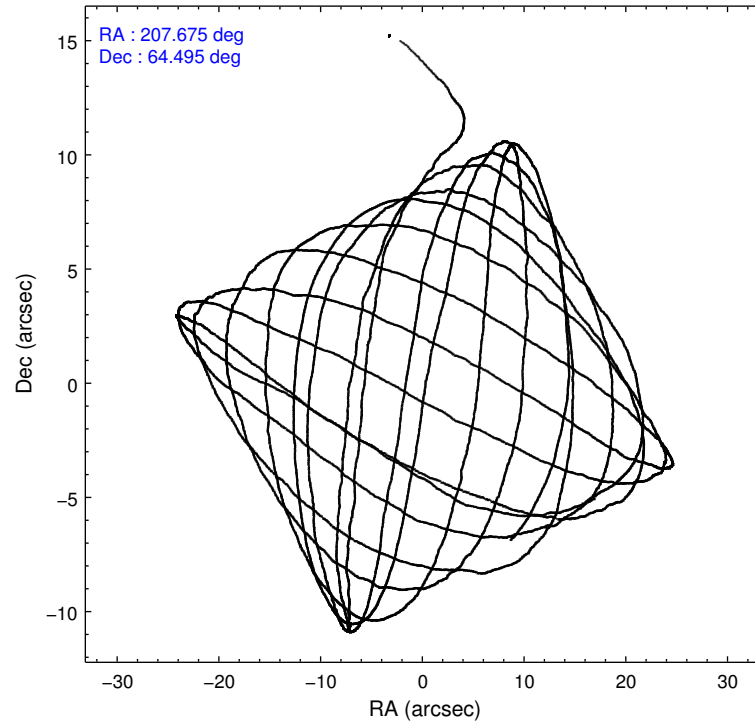
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	41439	42522	45555	59833
rejected events	36618	37715	40484	33504
rejected %	88%	88%	88%	55%

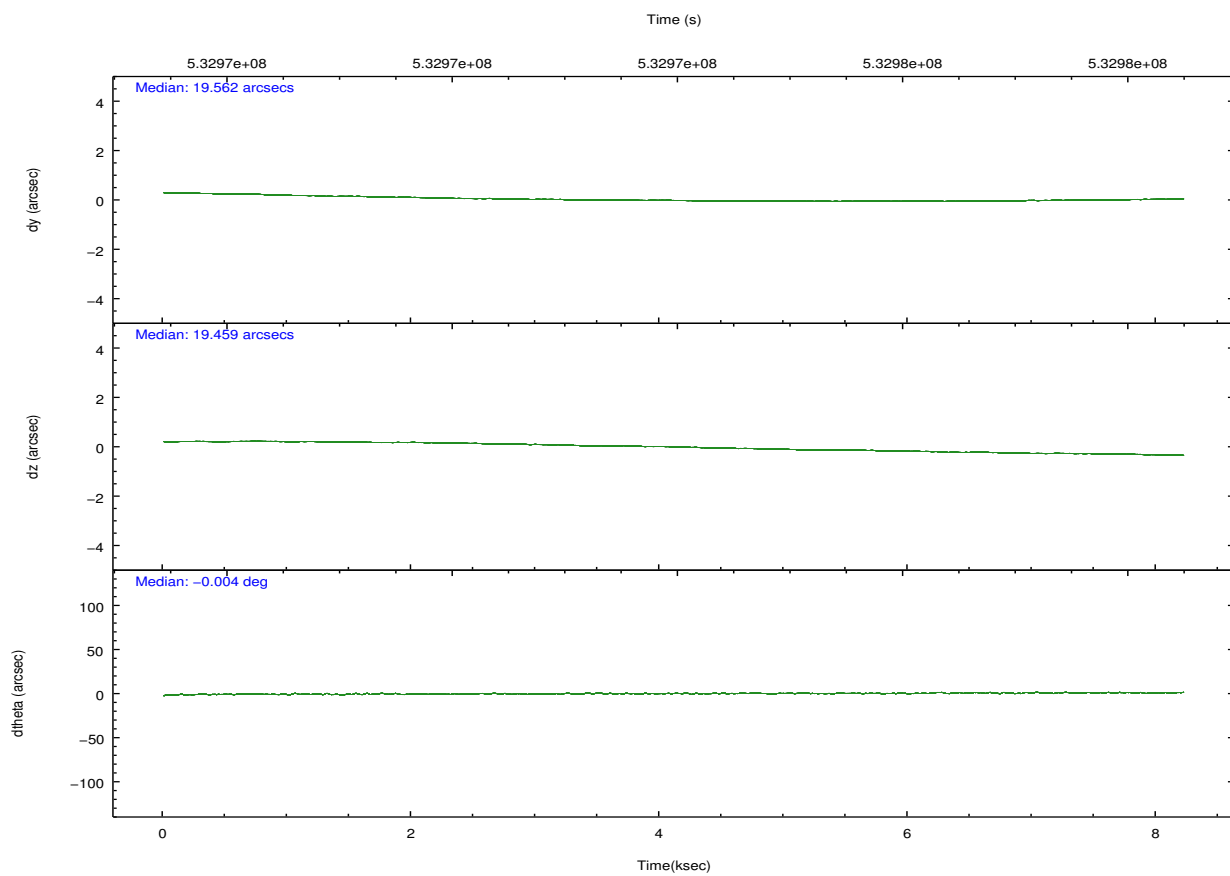
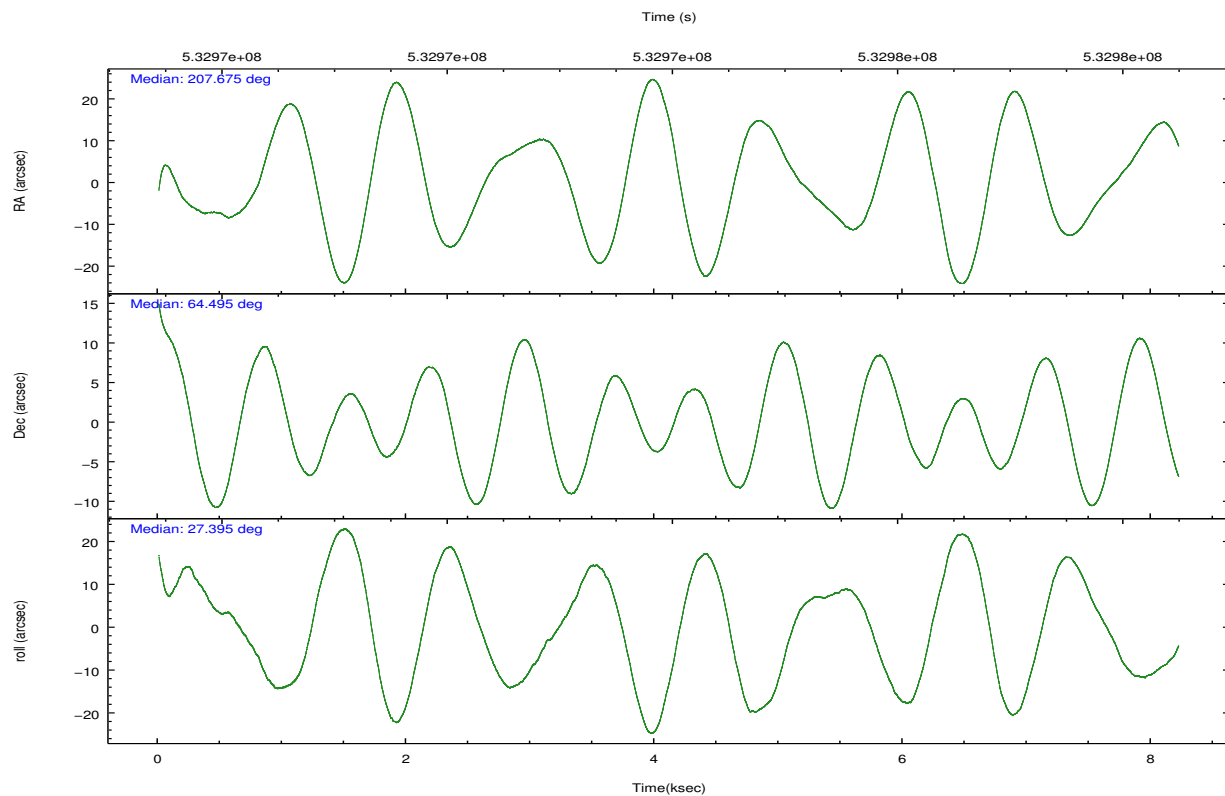
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	1674	1753	1639	2377
	4%	4%	3%	3%
grade 1 events	36	28	28	67
	0%	0%	0%	0%
grade 2 events	1194	986	1188	5499
	2%	2%	2%	9%
grade 3 events	563	544	455	2296
	1%	1%	0%	3%
grade 4 events	486	529	561	2282
	1%	1%	1%	3%
grade 5 events	1961	2197	2304	6143
	4%	5%	5%	10%
grade 6 events	912	1000	1233	13891
	2%	2%	2%	23%
grade 7 events	34613	35485	38147	27278
	83%	83%	83%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	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	207.642167	207.6757772132108	CCD I2 on	O1	Y
[deg] Pointing Dec	64.471627	64.49499056167838	CCD I3 on	O2	Y
[deg] Pointing Roll	27.274981	27.40128056955881	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	N	N
[s] Observation start time (MET)	532970085.184000	532969179.70756	CCD S5 on	N	N
Observation start date	2014-11-21T15:13:38	2014-11-21T14:59:39	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	532978085.184000	532978530.27058	On-chip summing requested	N	N
Observation end date	2014-11-21T17:26:58	2014-11-21T17:35:30	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



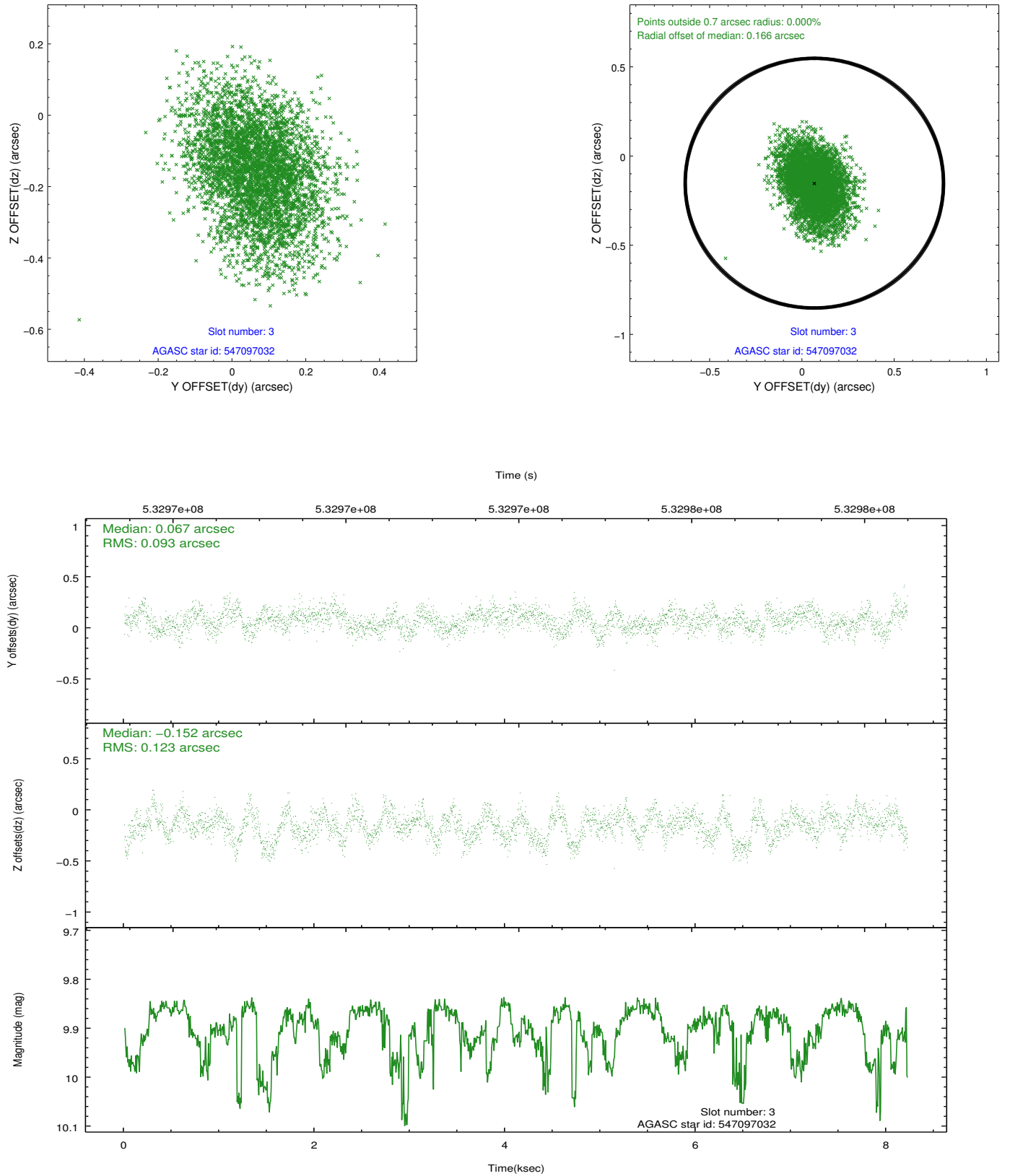


Slot Statistics

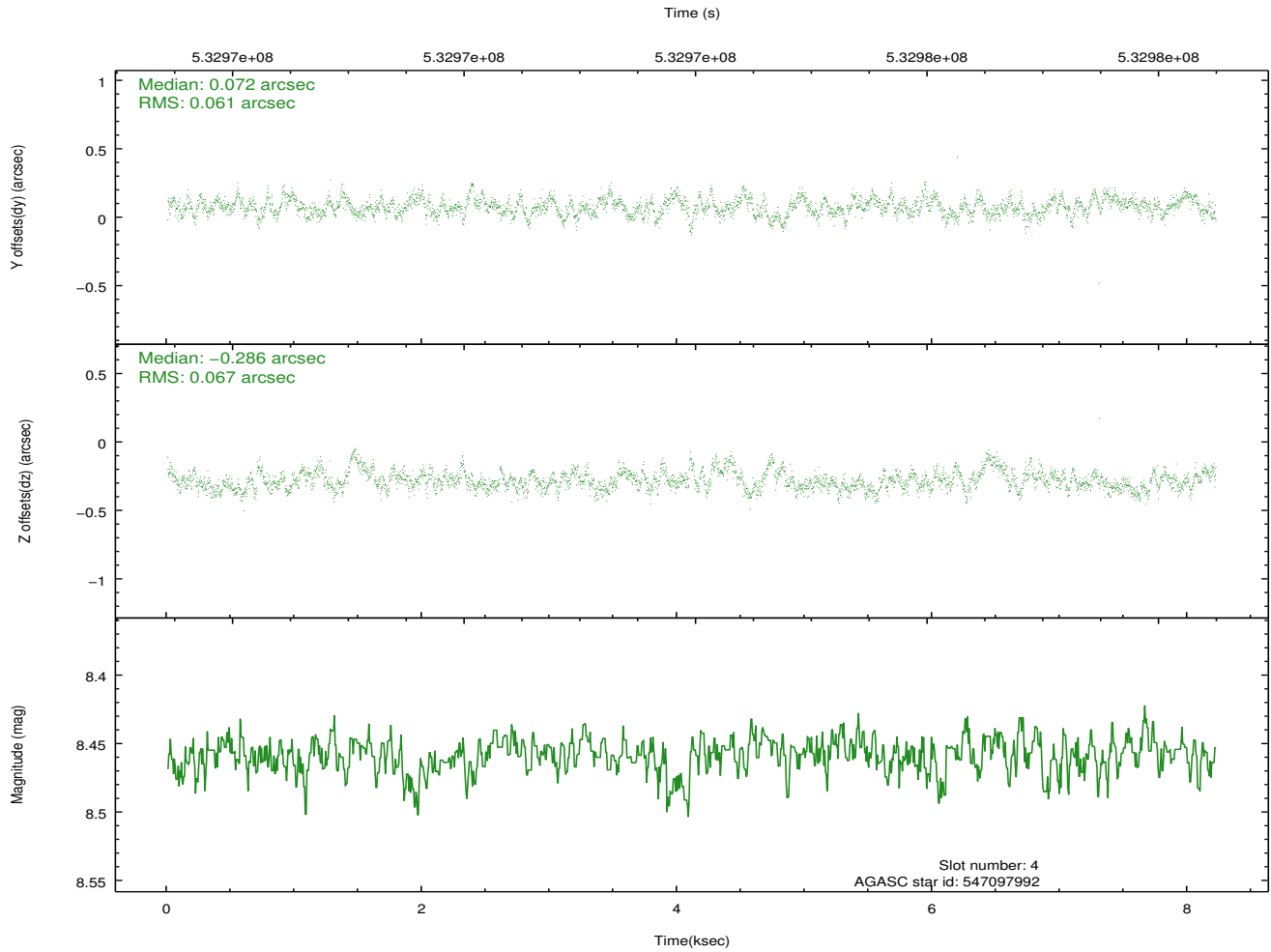
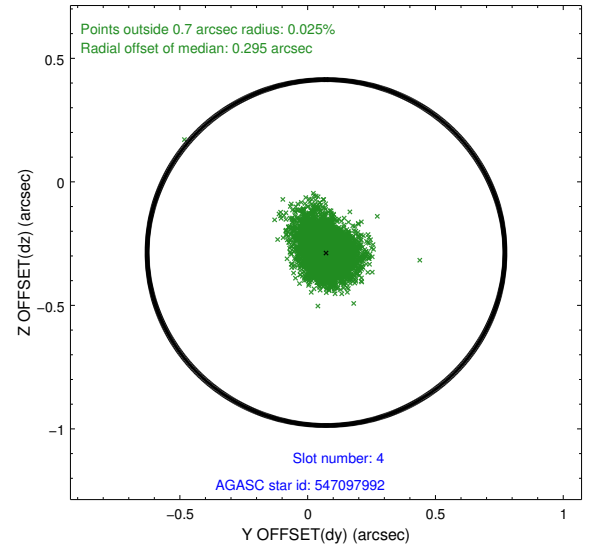
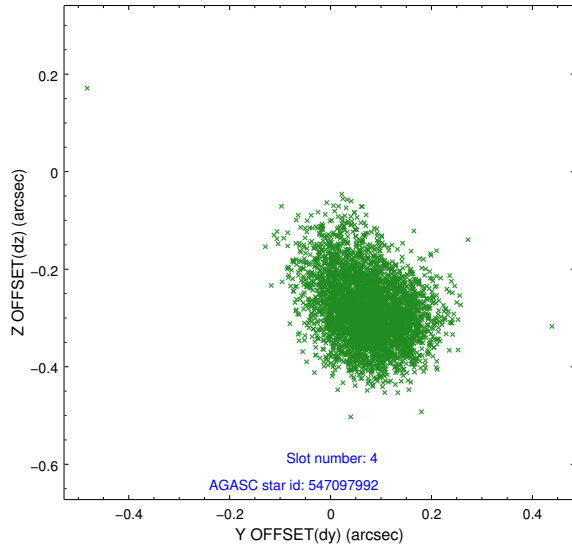
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	6.93	2004	-0.132	-0.011	0.010	0.015	0.000000	0.000000	-772.84	-1740.89
1	FID		ACIS-S-4	7.01	2003	0.258	0.067	0.005	0.011	0.000000	0.000000	2140.53	166.95
2	FID		ACIS-S-5	7.03	2004	-0.157	-0.047	0.011	0.016	0.000000	0.000000	-1824.82	161.30
3	GUIDE	used	547097032	9.90	4004	0.067	-0.152	0.164	0.272	206.227658	64.665825	-1606.07	1642.54
4	GUIDE	used	547097992	8.46	4008	0.072	-0.286	0.096	0.158	206.374363	64.630733	-1466.48	1422.49
5	GUIDE	used	547099440	8.89	4007	0.215	0.192	0.088	0.143	206.873024	64.026859	-1808.16	-860.21
6	GUIDE	used	547101168	7.84	4009	-0.098	0.094	0.088	0.144	208.384078	64.245330	660.98	-1249.98
7	GUIDE	used	547099584	9.44	4005	-0.259	0.145	0.146	0.250	208.432961	64.237087	716.61	-1310.88

2.4 Star Slots

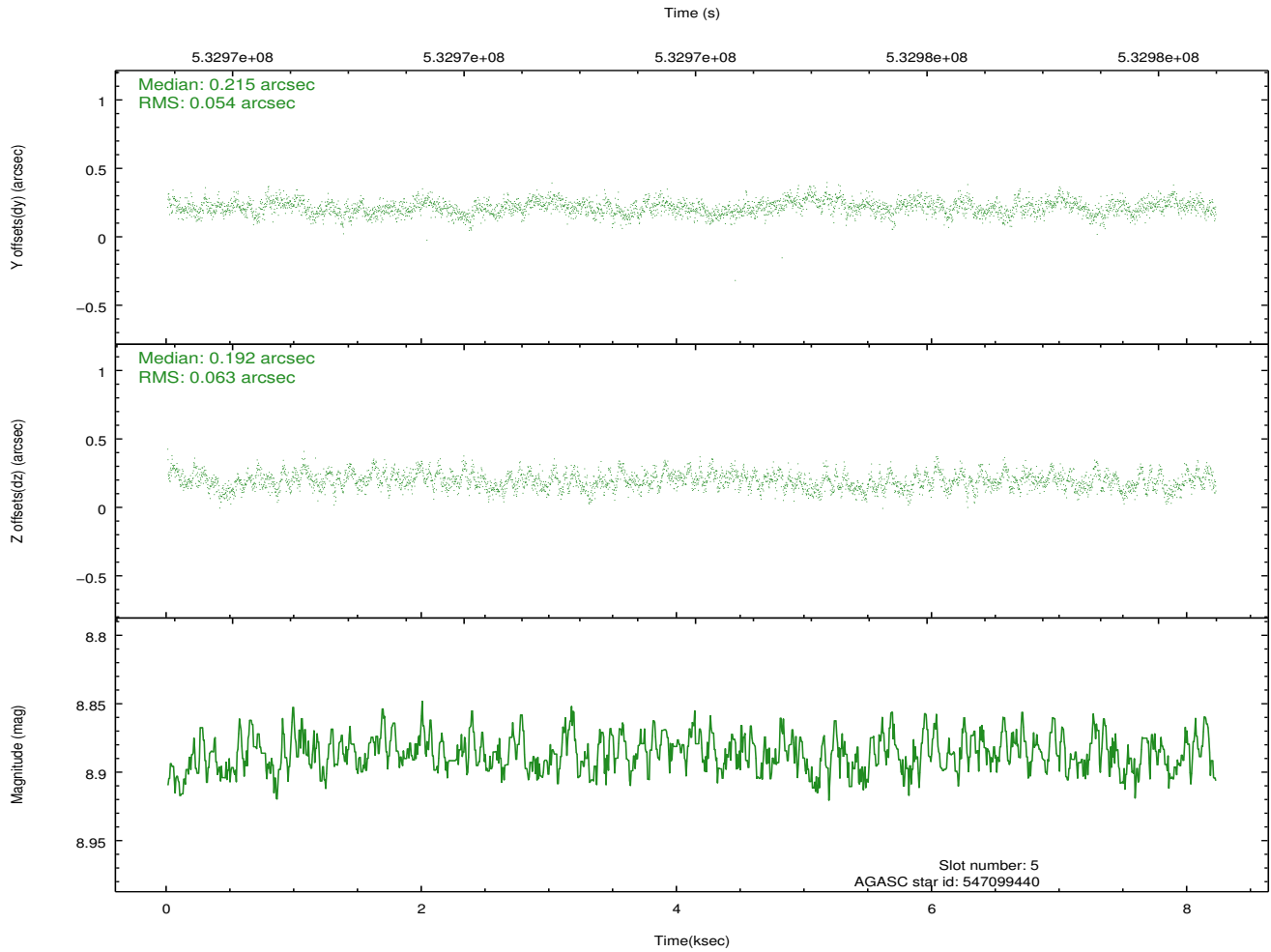
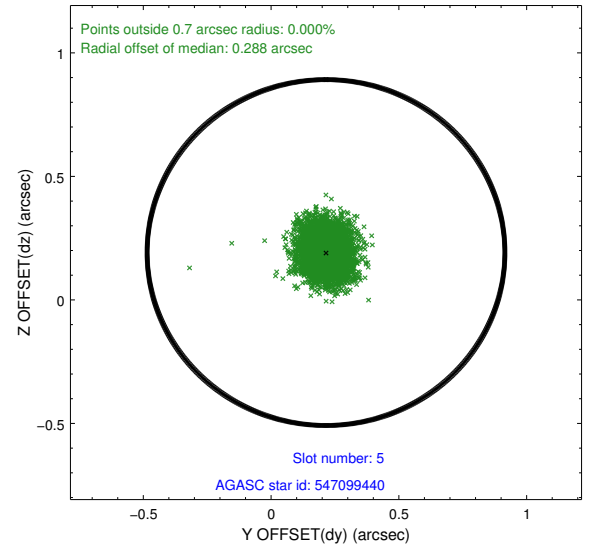
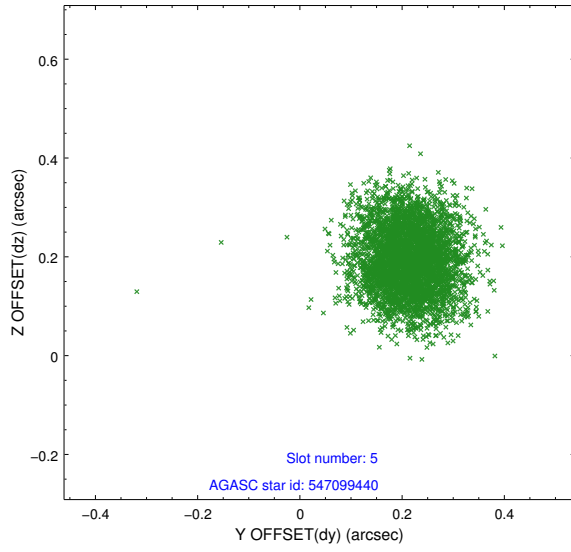
2.4.1 Slot 3



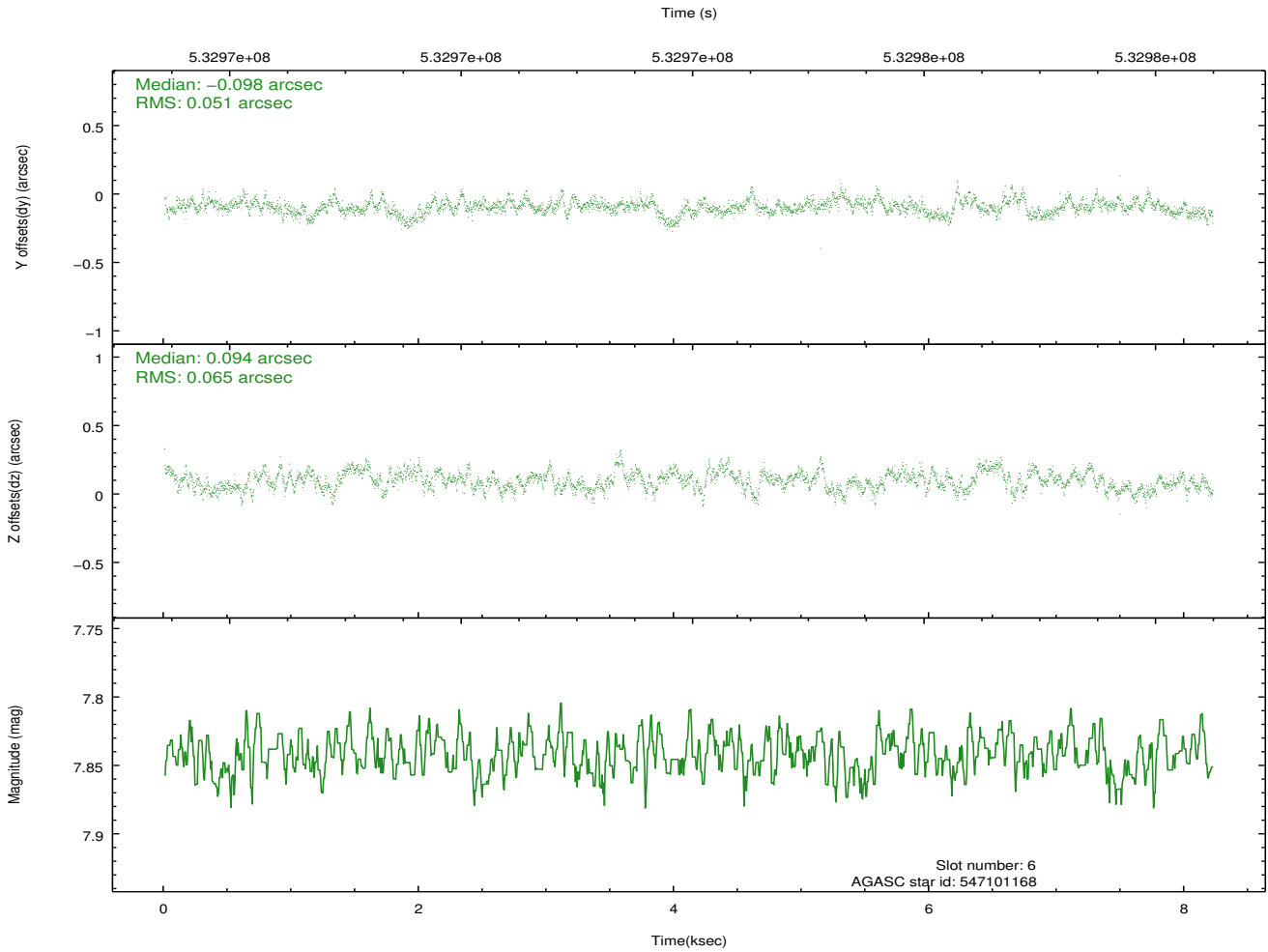
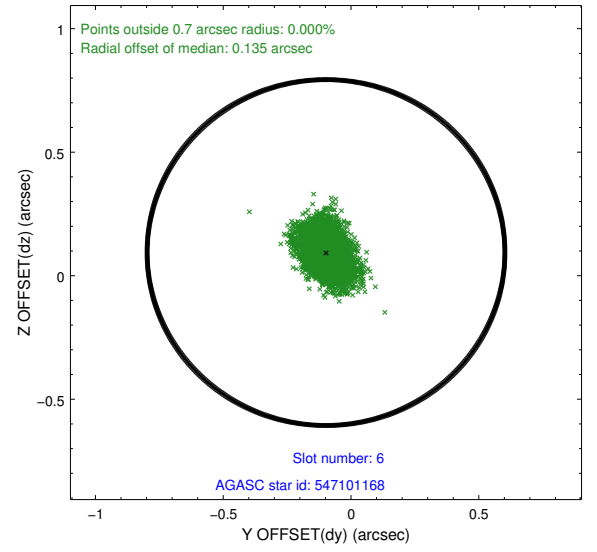
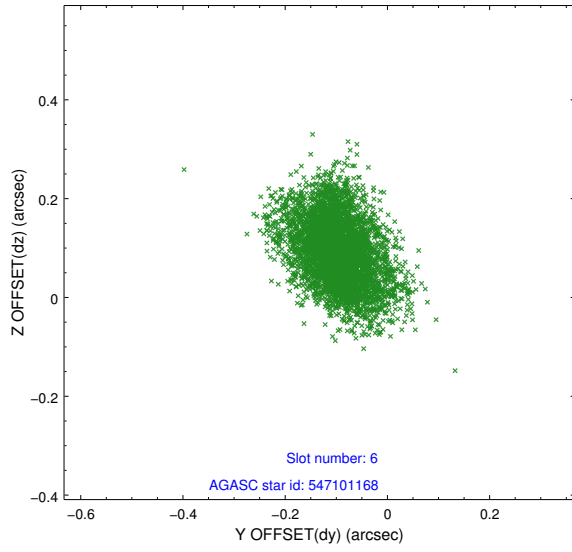
2.4.2 Slot 4



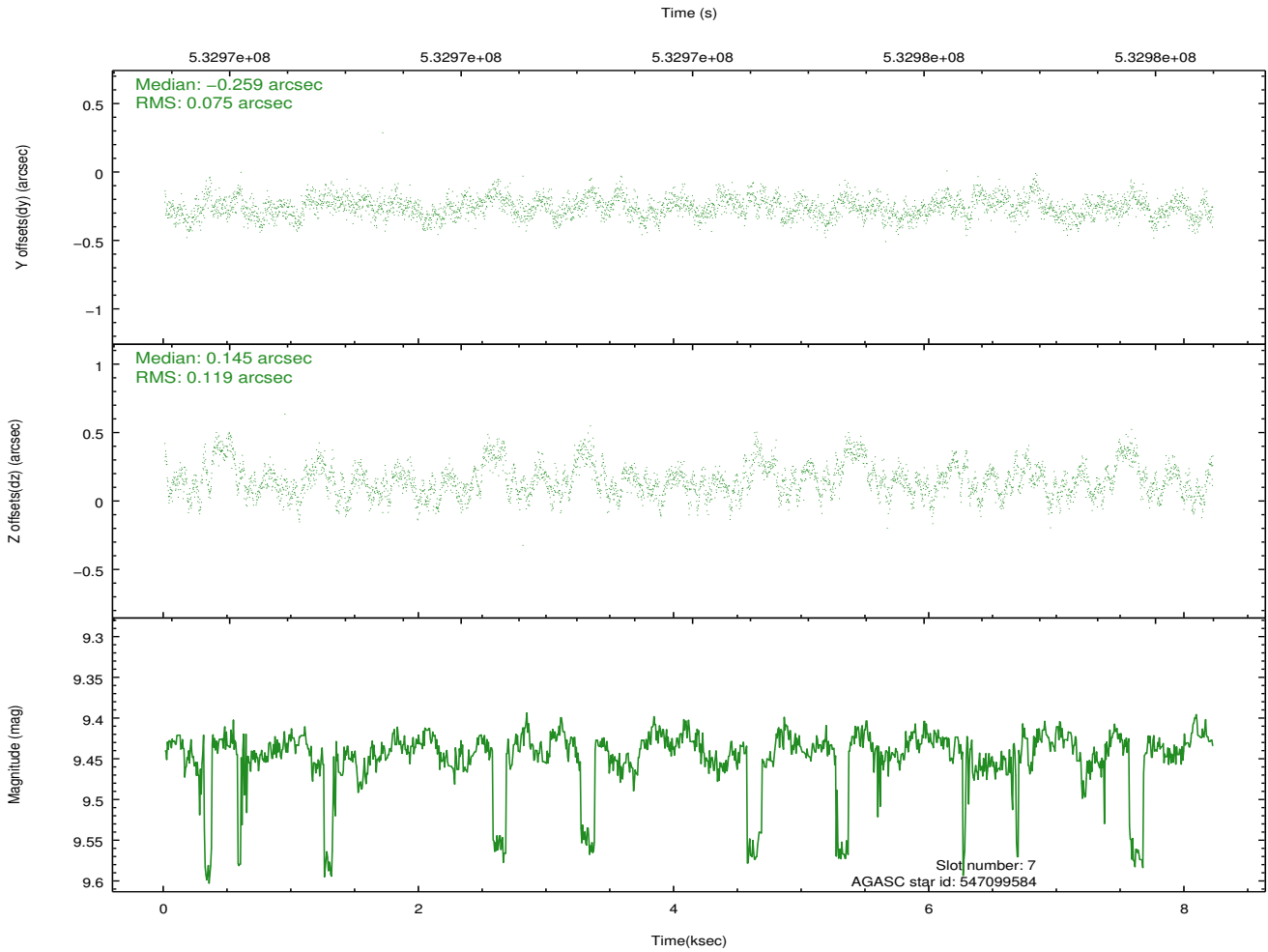
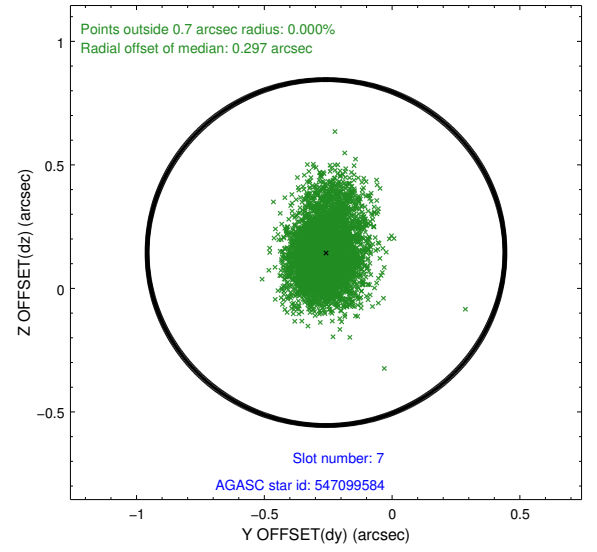
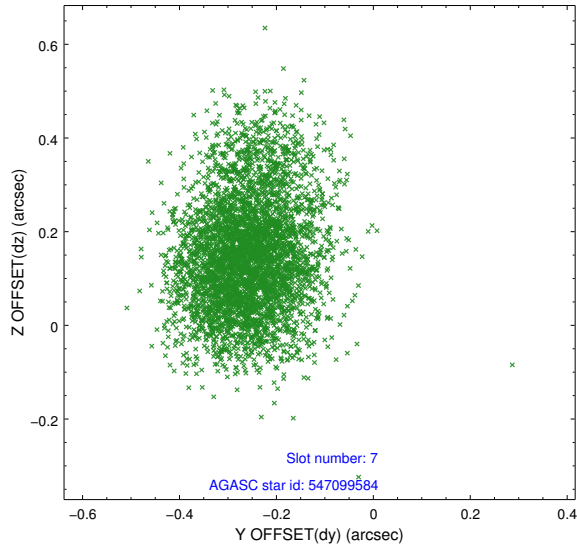
2.4.3 Slot 5



2.4.4 Slot 6

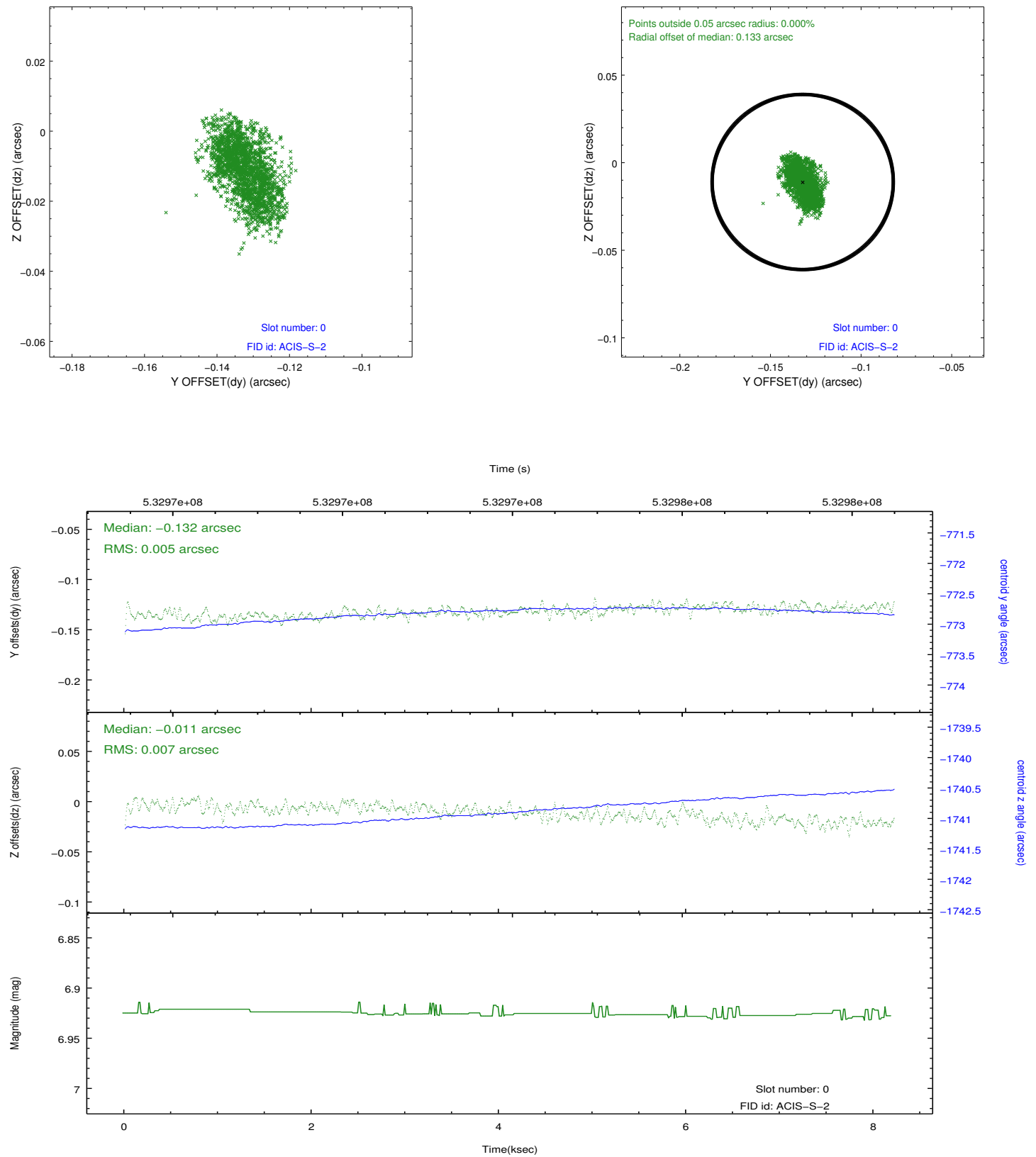


2.4.5 Slot 7

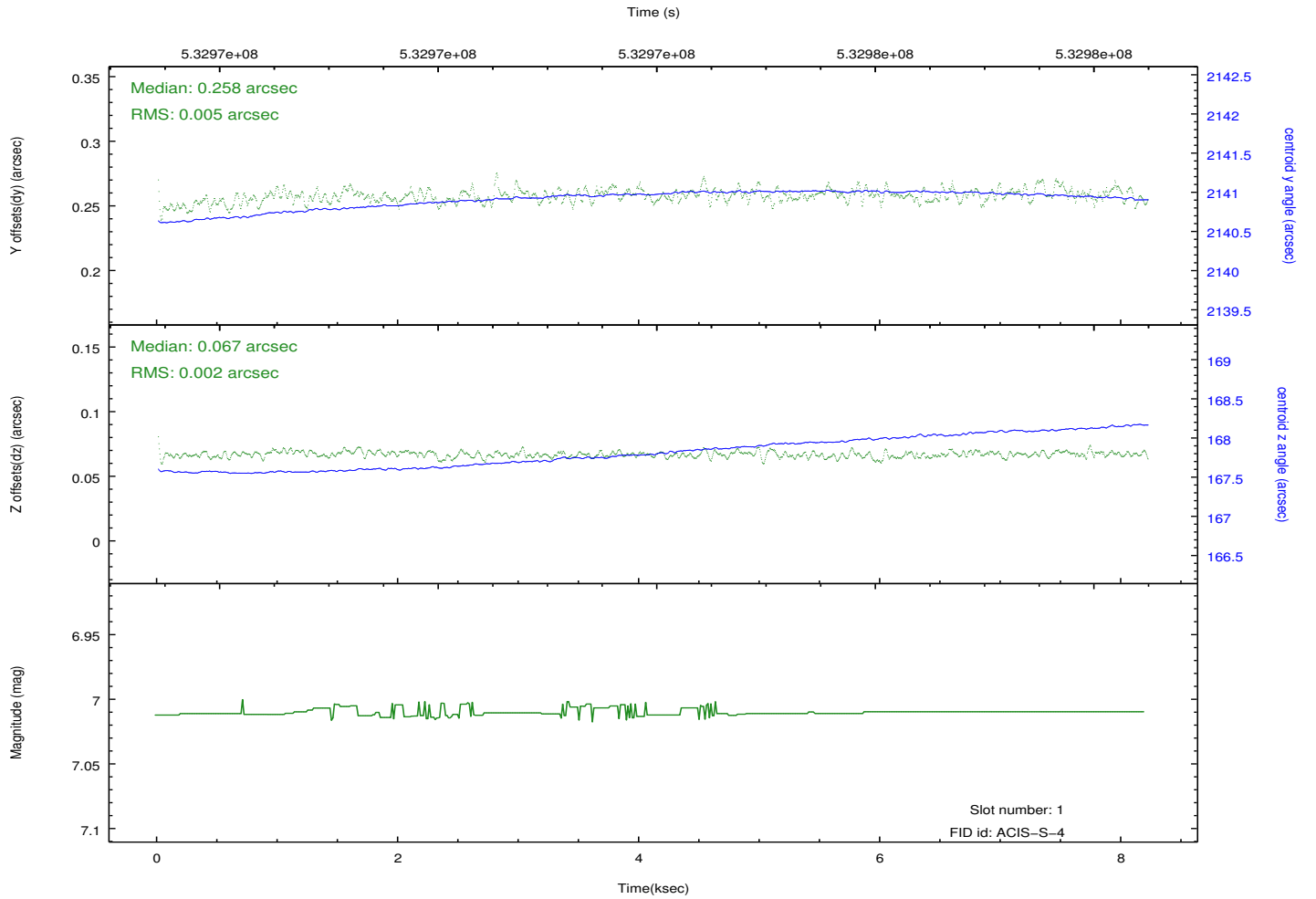
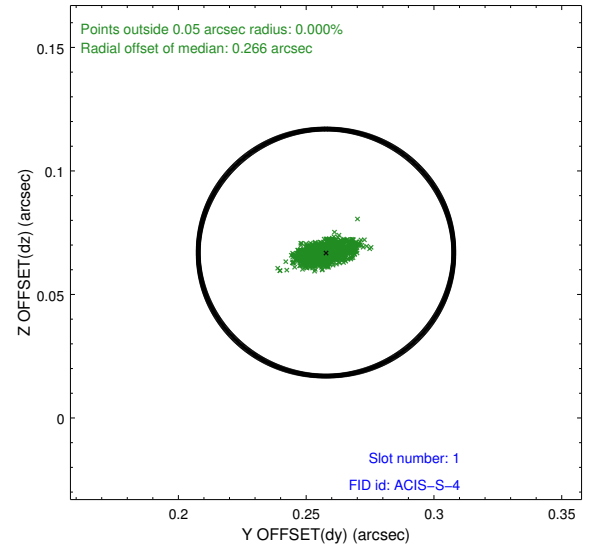
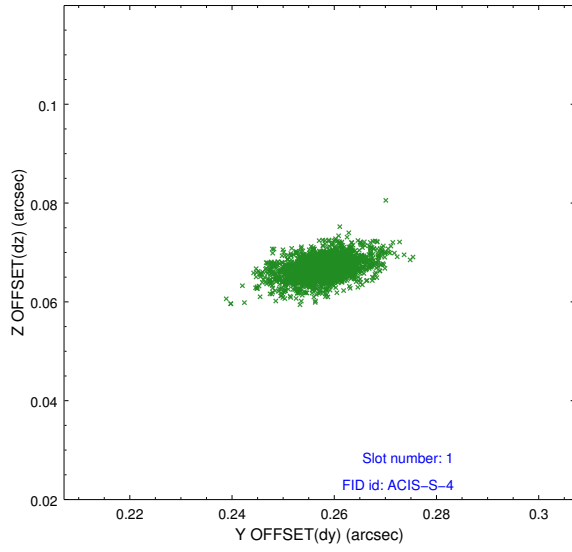


2.5 FID Slots

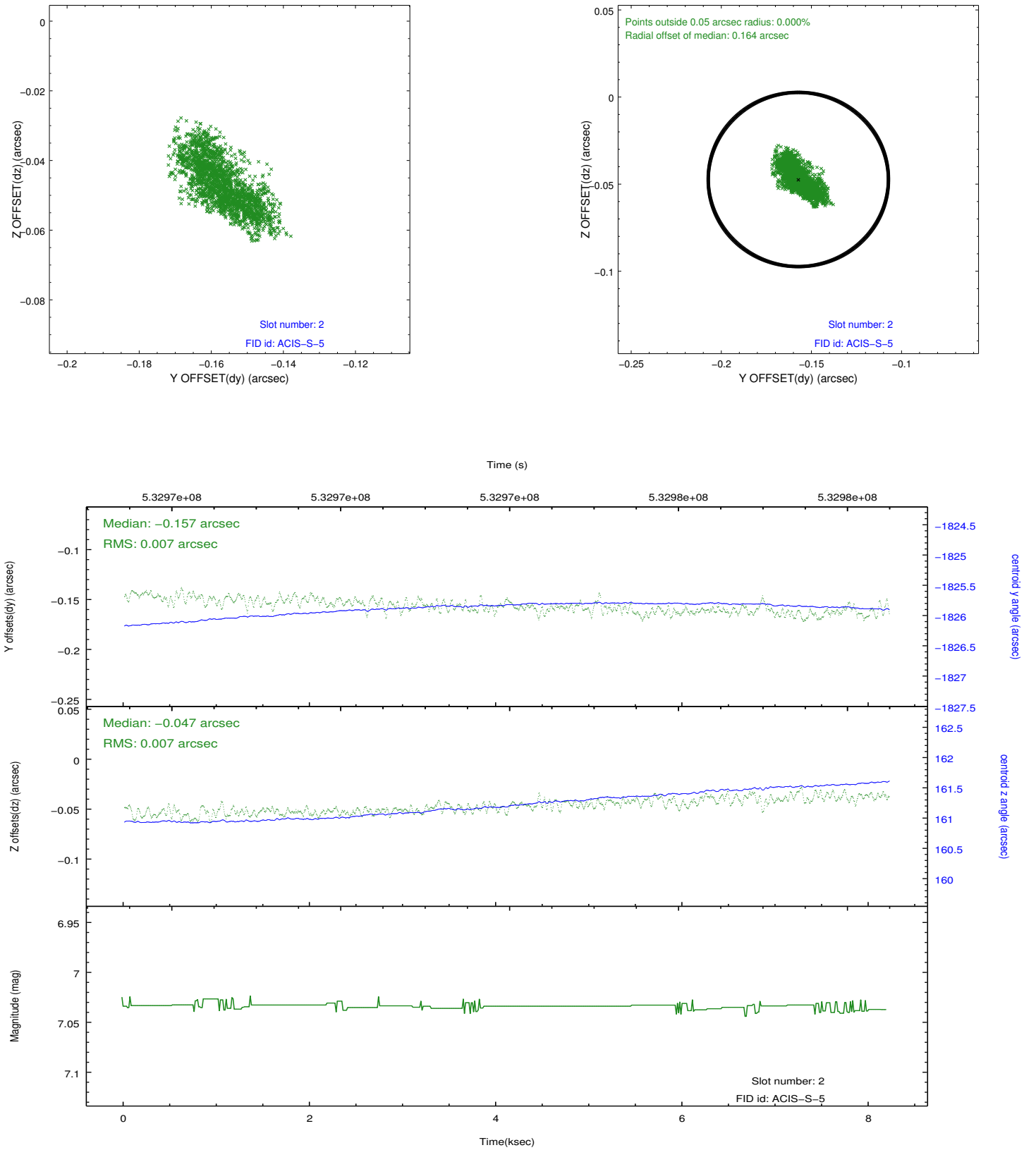
2.5.1 Slot 0



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)	2014.11.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.0724000620842

A.2 Comments