

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 836 - L2 Version 4
Chandra X-Ray Center

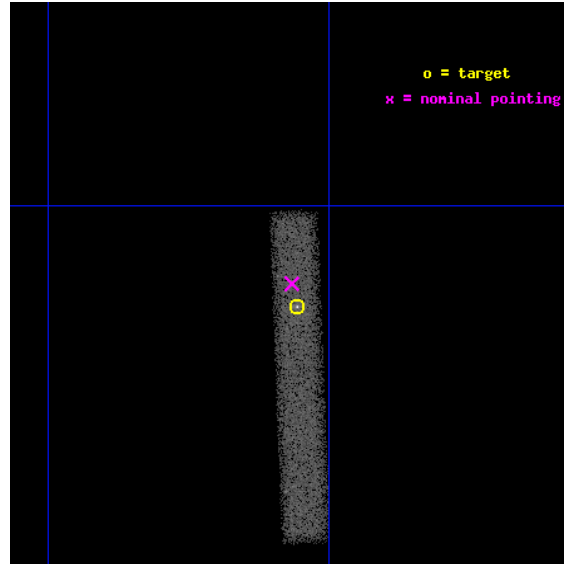
L2 Processing Date : Aug 23 2012

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1 Front

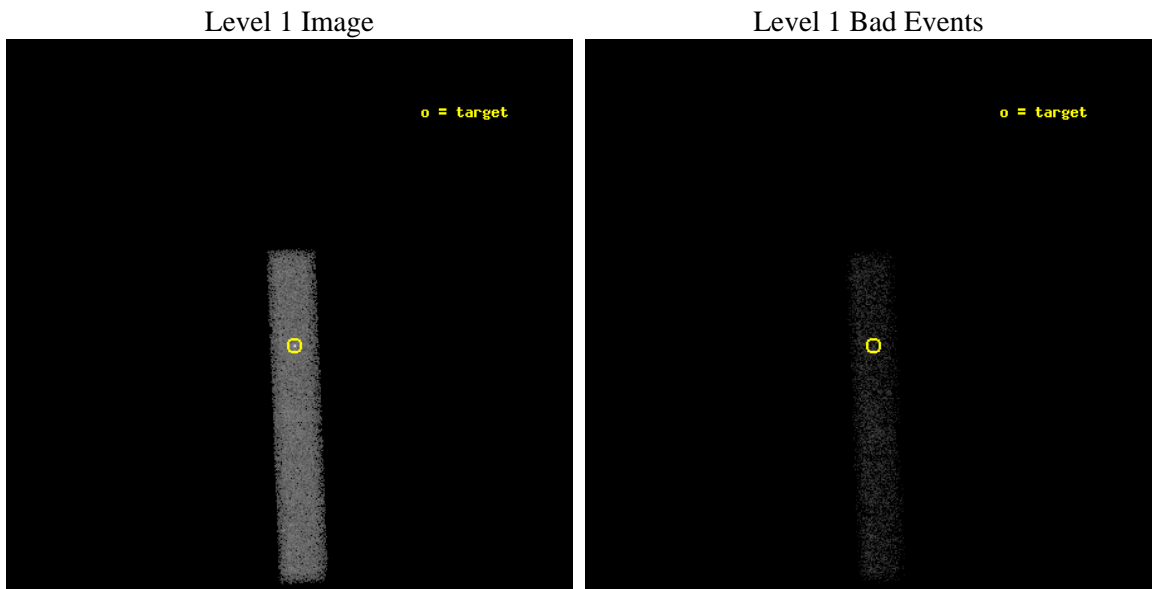
seq_num	700141	Sequence number
obs_id	836	Observation id
title	UNDERSTANDING THE AGN/STARBURST CONNECTION AT HIGH LUMINOSITIES	Pr
observer	Professor Martin Ward	Principal investigator
object	PKS B1345+125	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	206.889167	Observer's specified target RA [deg]
dec_targ	12.290056	Observer's specified target Dec [deg]
ra_nom	206.89147998852	Nominal RA [deg]
dec_nom	12.29989911301	Nominal Dec [deg]
roll_nom	87.697965127596	Nominal Roll [deg]
revision	4	Processing version of data
ontime	27946.619654551	Sum of GTIs [s]
livetime	25346.108883141	Livetime [s]
ontime7	27946.619654551	Sum of GTIs [s]
l2events	21251	Number of level 2 events



2 OBI

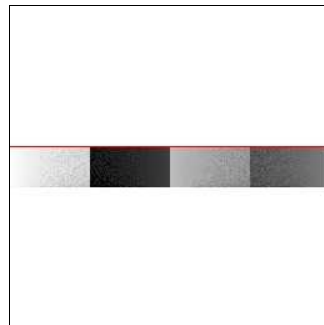
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	28000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	27946.619654551	Sum of GTIs [s]
caldbver	4.5.1.1	 	ontime7	27946.619654551	Sum of GTIs [s]
date	2012-08-23T14:01:12	Date and time of file creation	l1events	39051	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

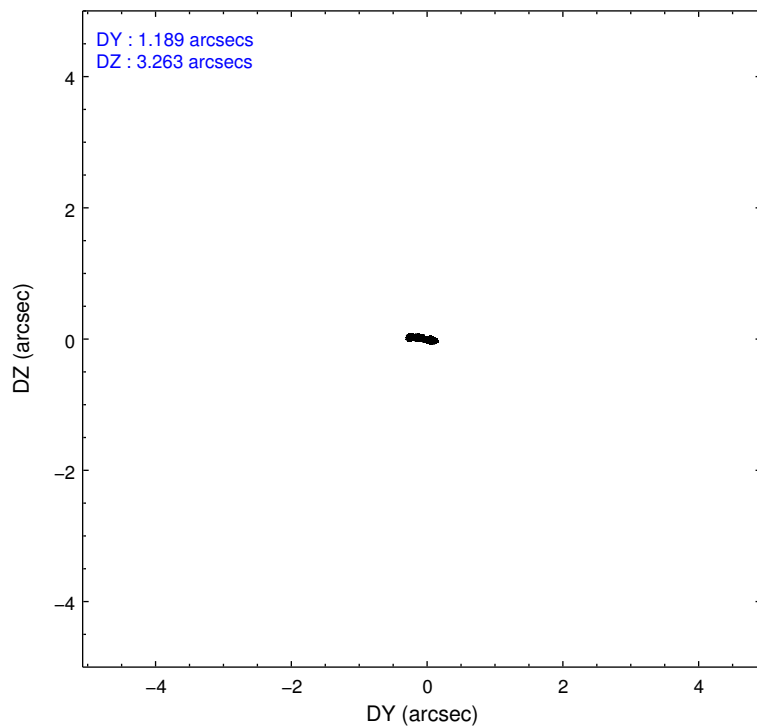
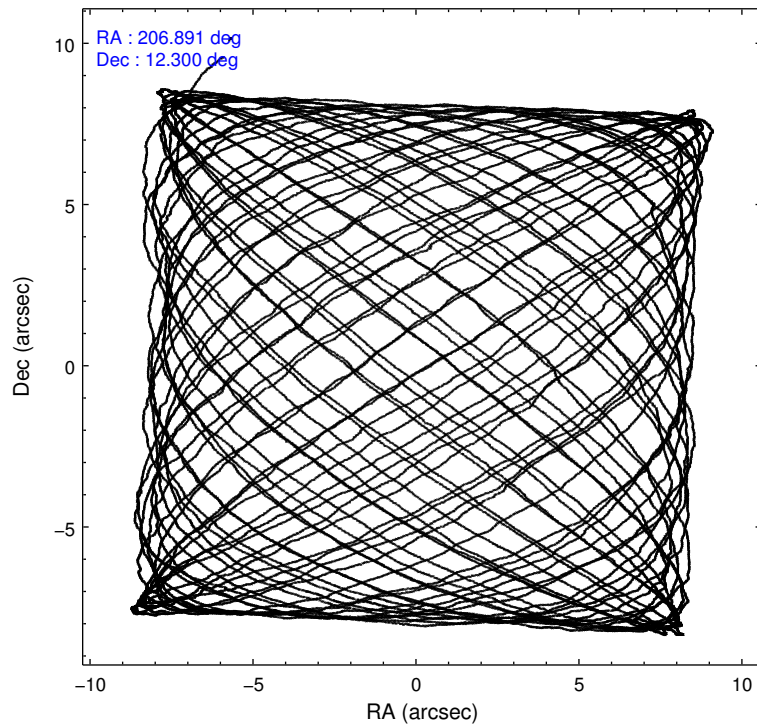
	ccd 7
level 1 events	39051
rejected events	17059
rejected %	43%

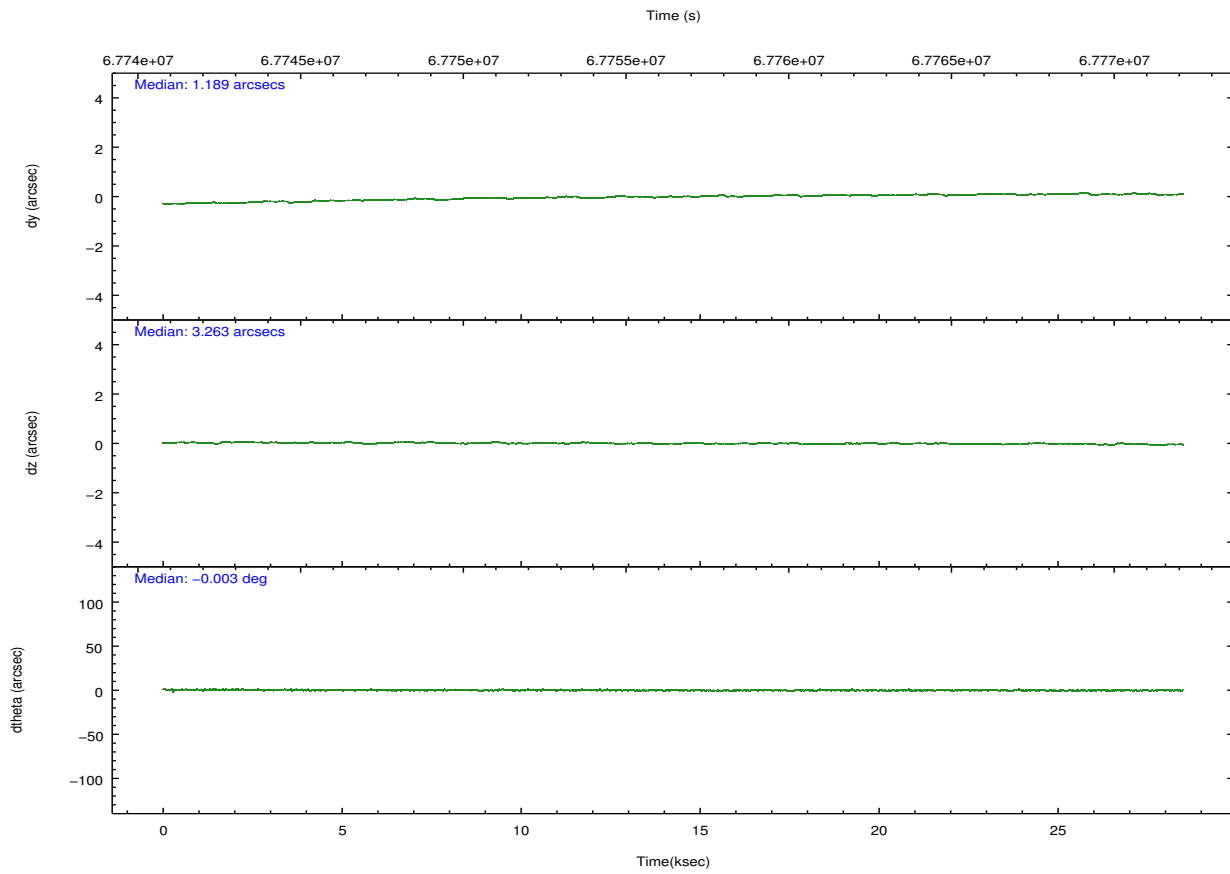
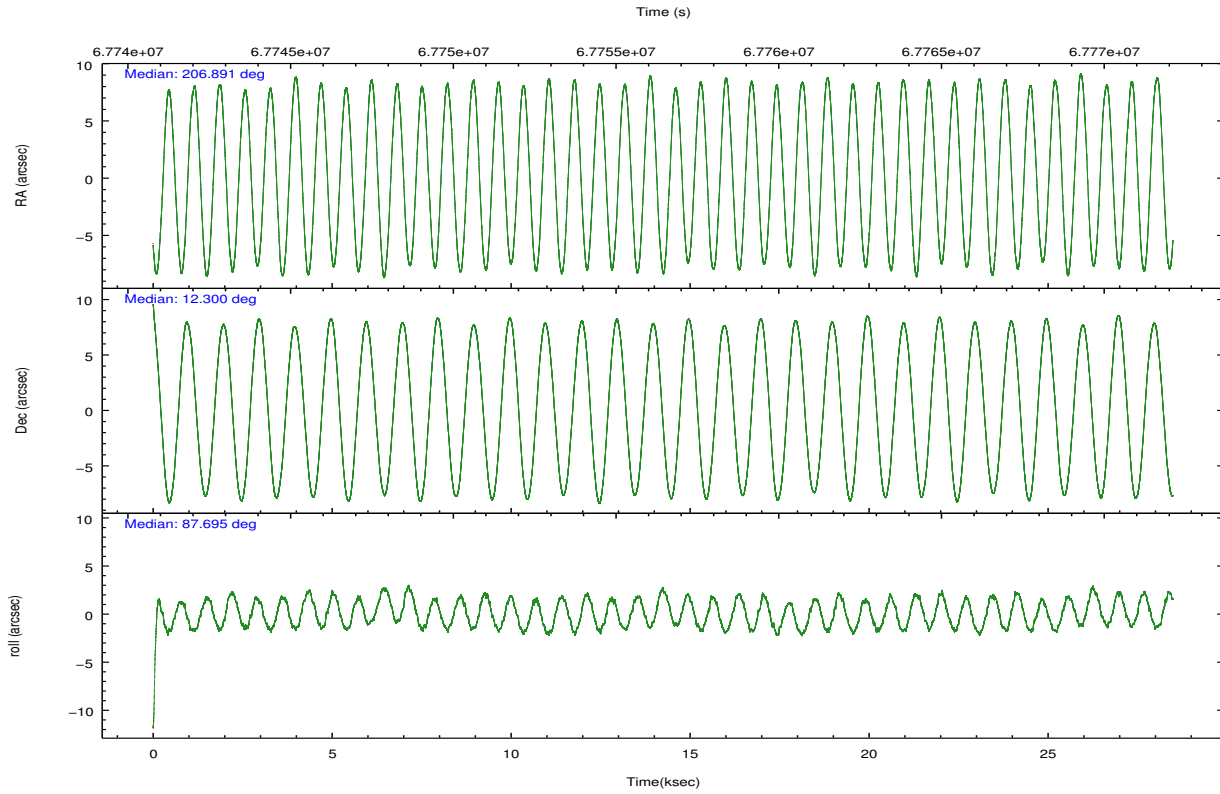
	ccd 7
grade 0 events	2893
	7%
grade 1 events	40
	0%
grade 2 events	4163
	10%
grade 3 events	2776
	7%
grade 4 events	2638
	6%
grade 5 events	3029
	7%
grade 6 events	9522
	24%
grade 7 events	13990
	35%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	206.904579	206.8914799885215	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	12.275568	12.29989911301016	Subarray start row	448	448
[deg] Pointing Roll	87.538545	87.6979651275964	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	67742687.184000	67741740.28415699			
Observation start date	2000-02-24T01:23:43	2000-02-24T01:09:00			
[s] Observation end time (MET)	67770687.184000	67771562.660245			
Observation end date	2000-02-24T09:10:23	2000-02-24T09:26:02			
Read mode	TIMED	TIMED			

2.3 Aspect



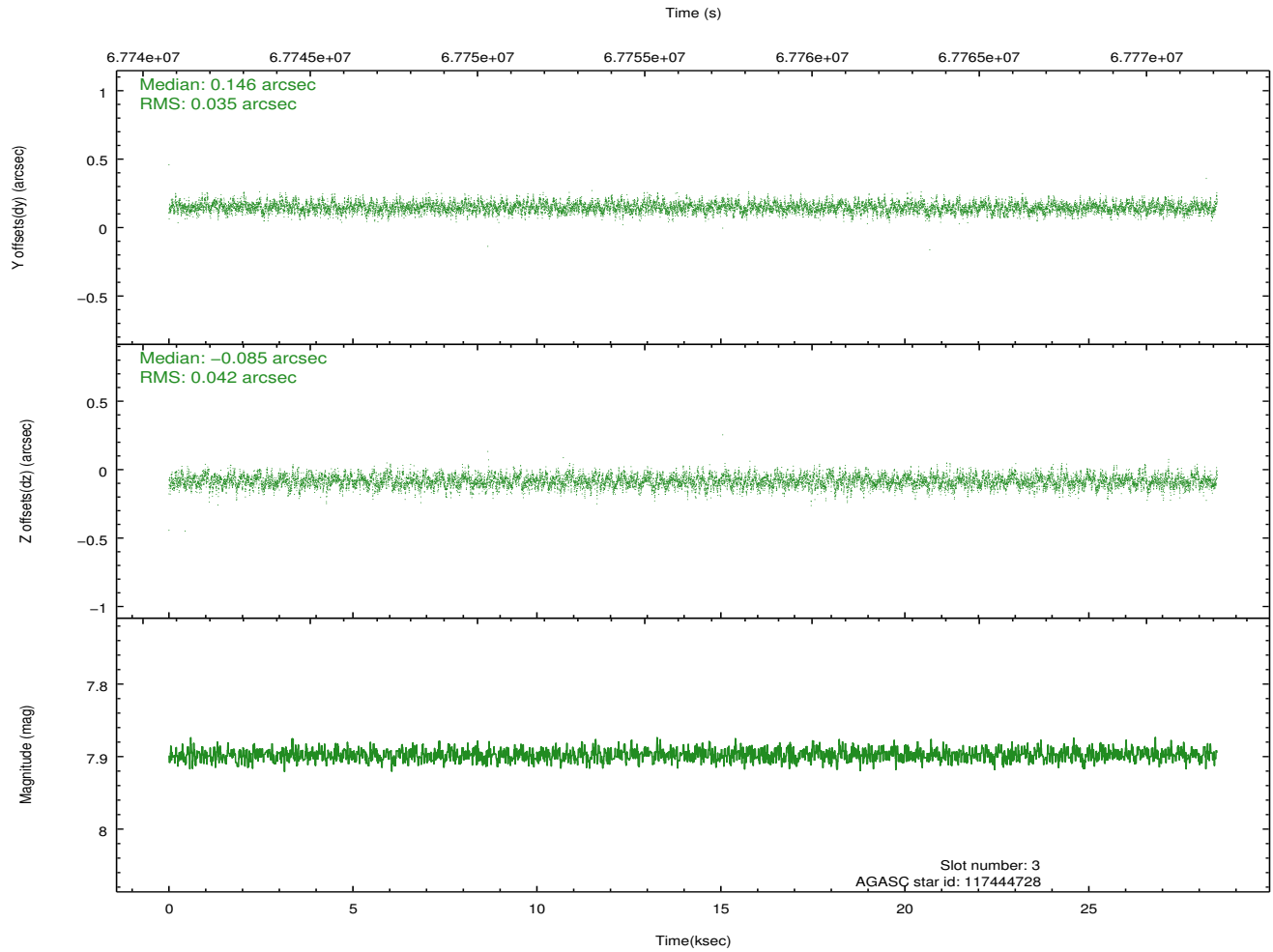
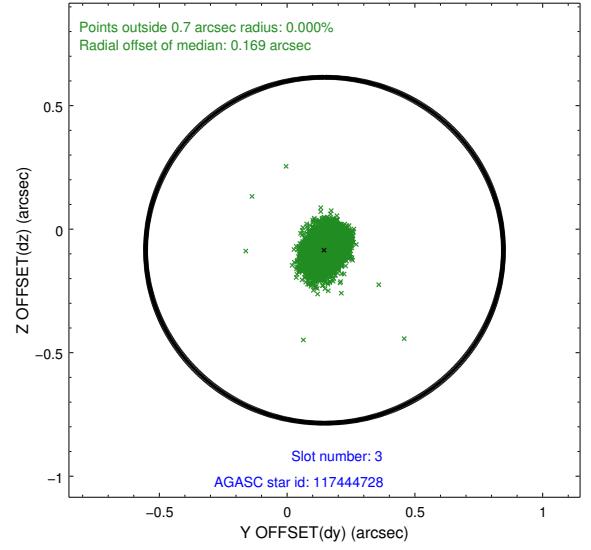
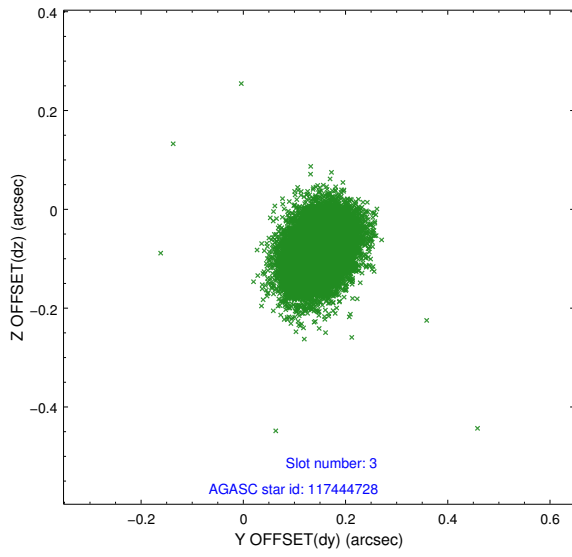


Slot Statistics

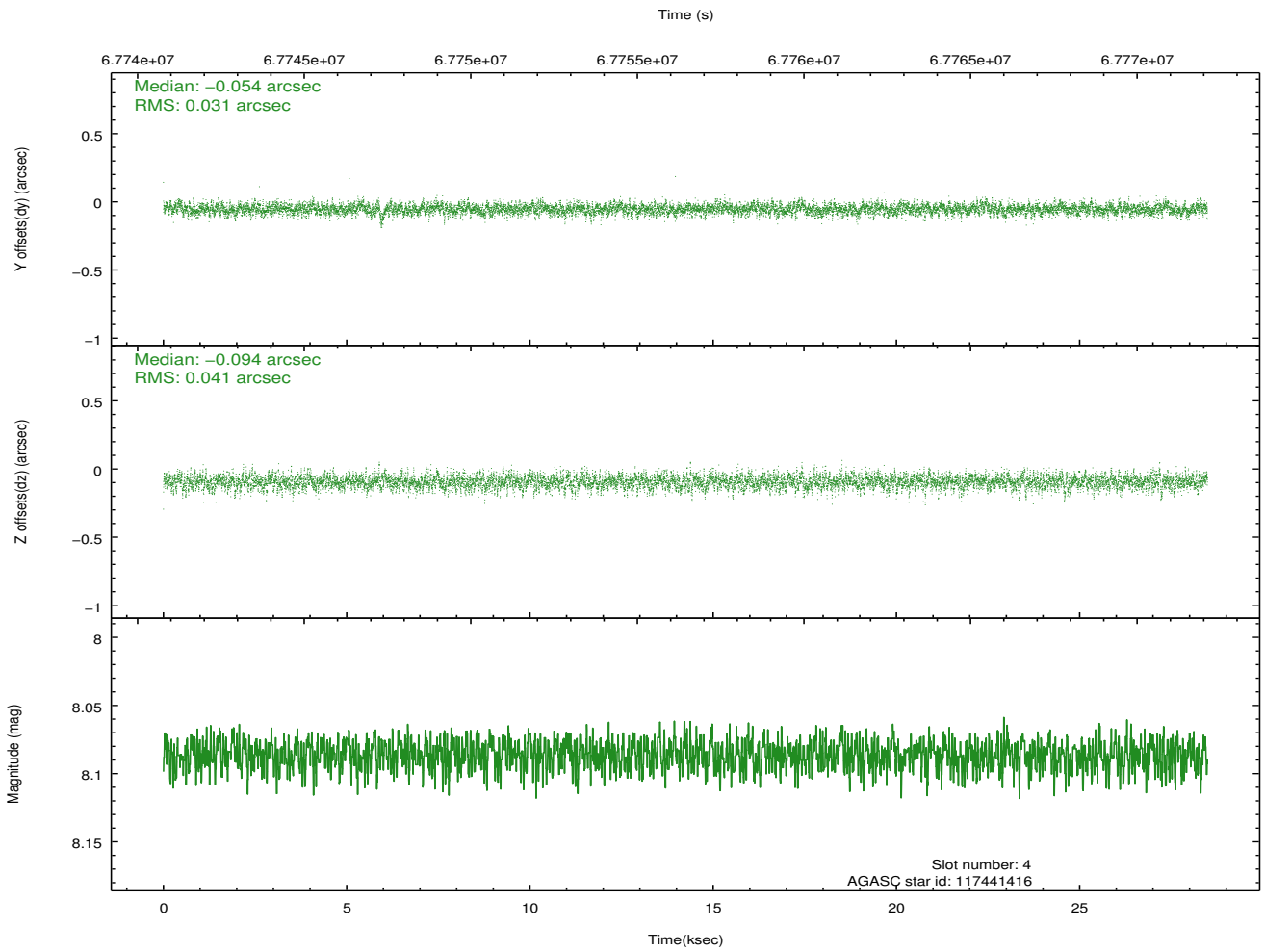
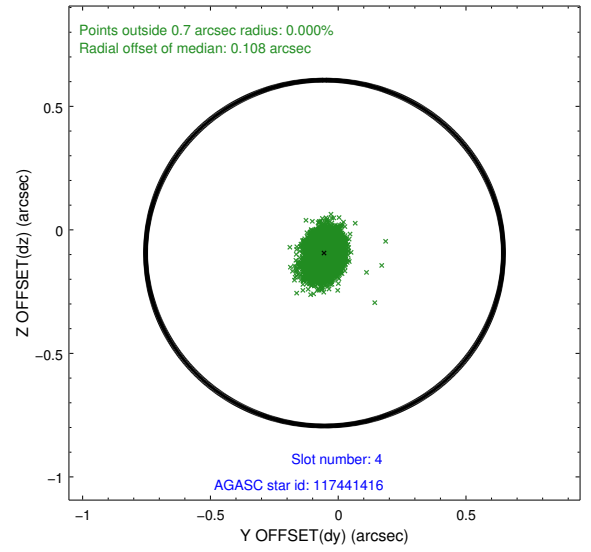
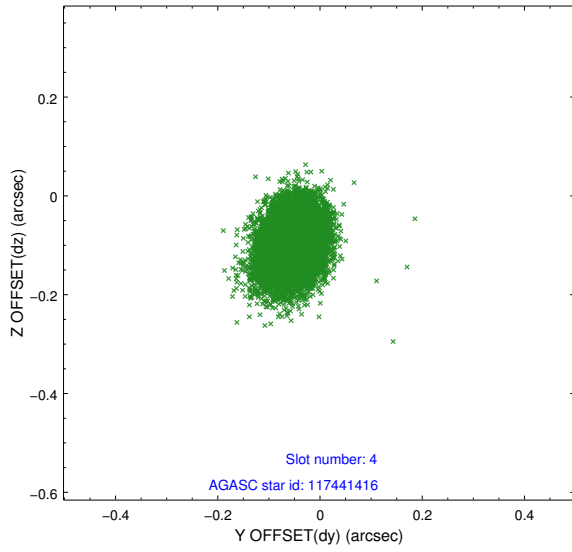
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.11	6948	-0.014	-0.013	0.006	0.011	0.000000	0.000000	-753.81	-1724.27
1	FID	ACIS-S-4	7.21	6947	0.015	-0.006	0.006	0.010	0.000000	0.000000	2159.51	184.06
2	FID	ACIS-S-6	7.36	6948	-0.029	0.026	0.007	0.012	0.000000	0.000000	408.33	821.63
3	GUIDE	117444728	7.90	13895	0.146	-0.085	0.057	0.095	206.783055	11.628826	-2344.08	327.82
4	GUIDE	117441416	8.09	13893	-0.054	-0.094	0.054	0.092	206.415331	12.261589	-122.72	1717.22
5	GUIDE	118361800	8.43	13893	0.100	0.159	0.055	0.091	206.983295	11.793876	-1720.22	-351.56
6	GUIDE	117834296	8.65	13896	-0.049	-0.079	0.064	0.104	206.659990	12.655290	1329.25	916.91
7	GUIDE	118758112	9.20	13822	-0.144	0.105	0.088	0.144	207.308397	12.890796	2275.01	-1320.61

2.4 Star Slots

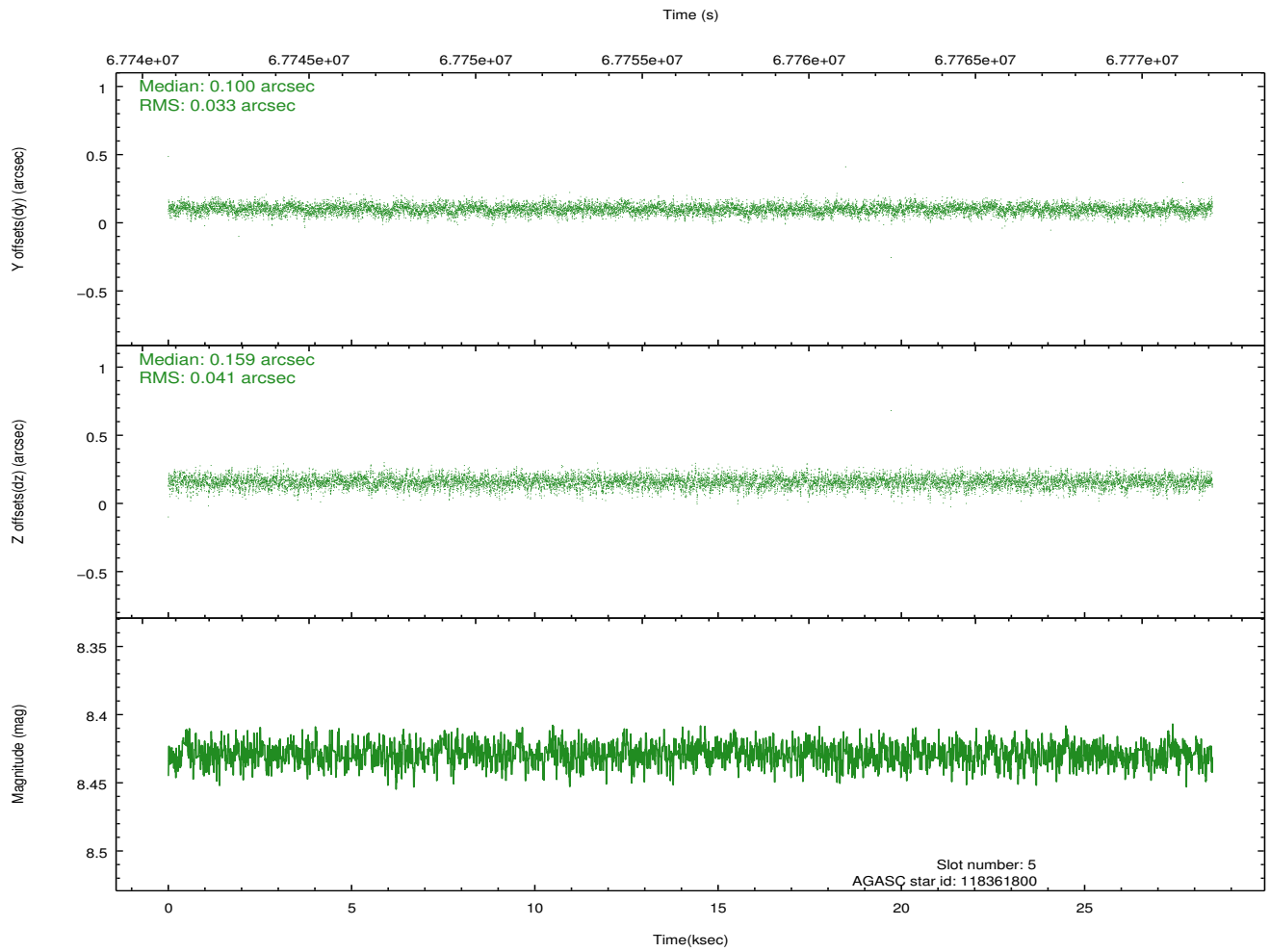
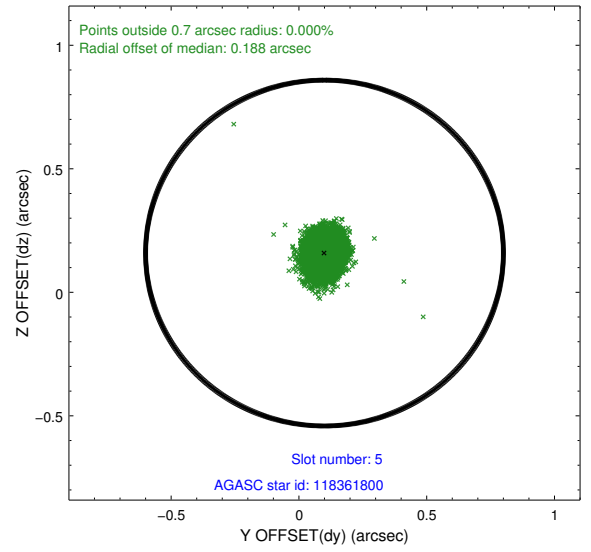
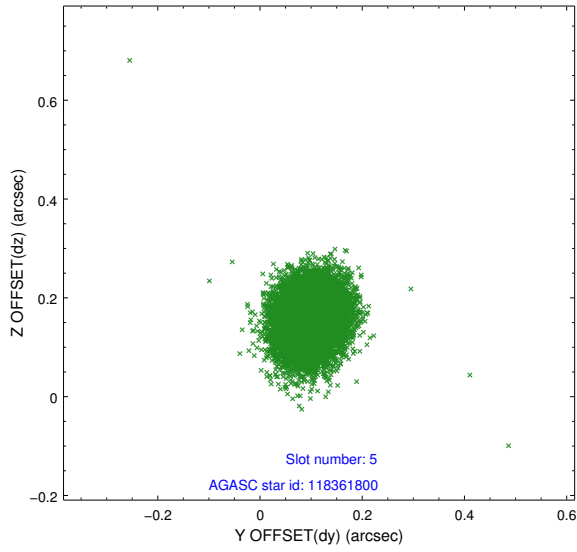
2.4.1 Slot 3



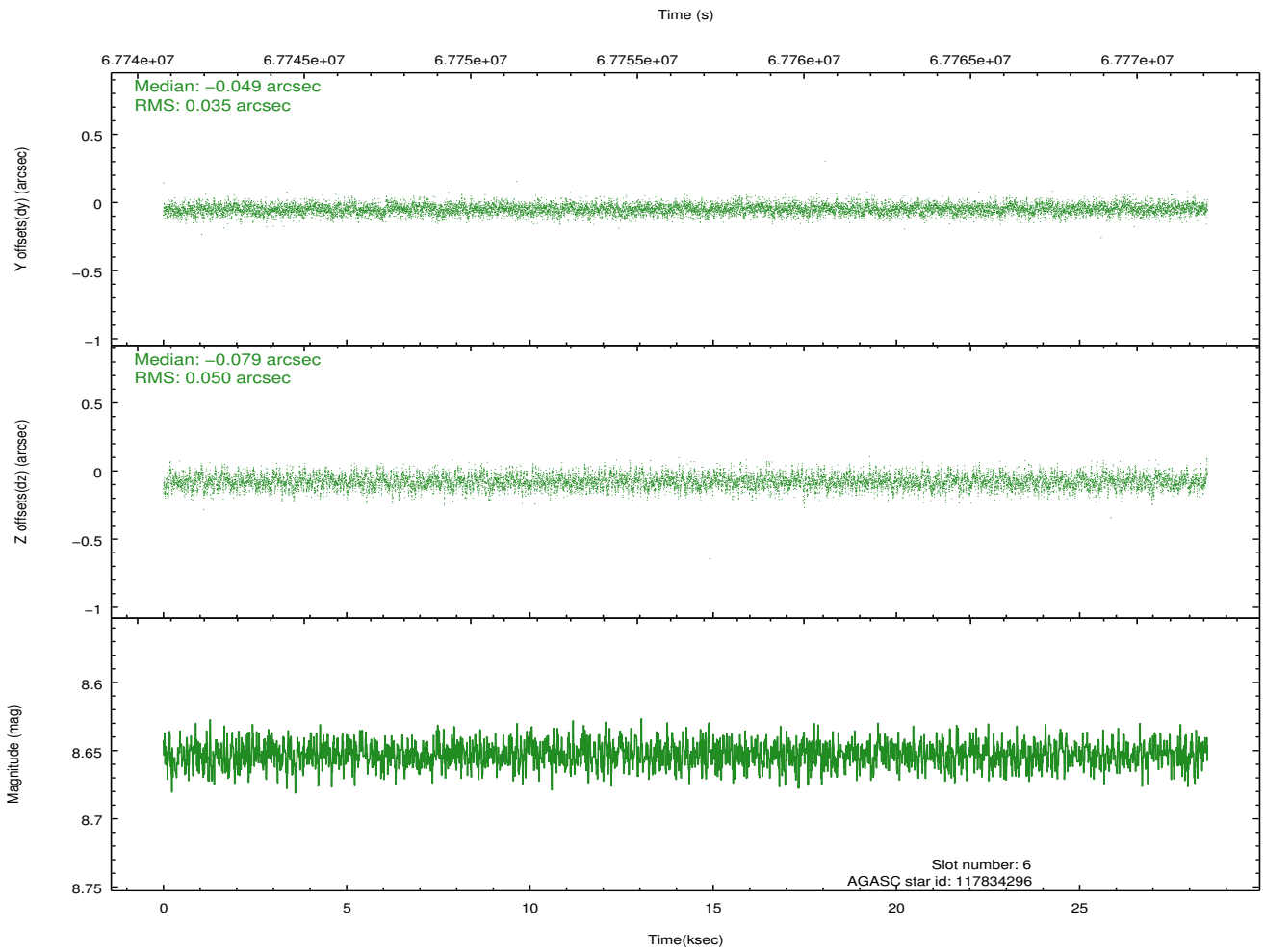
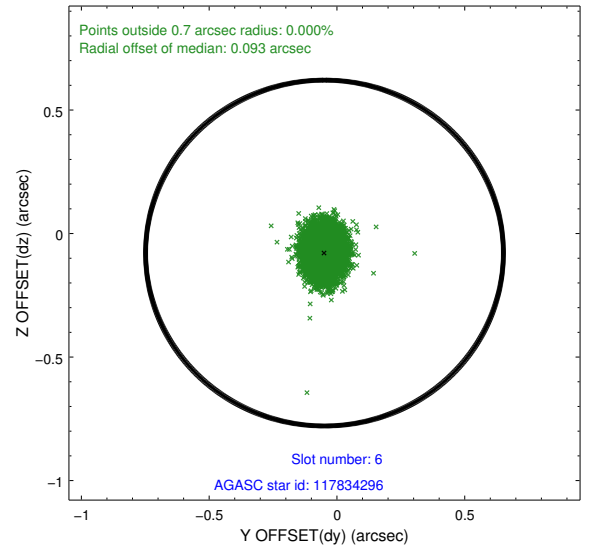
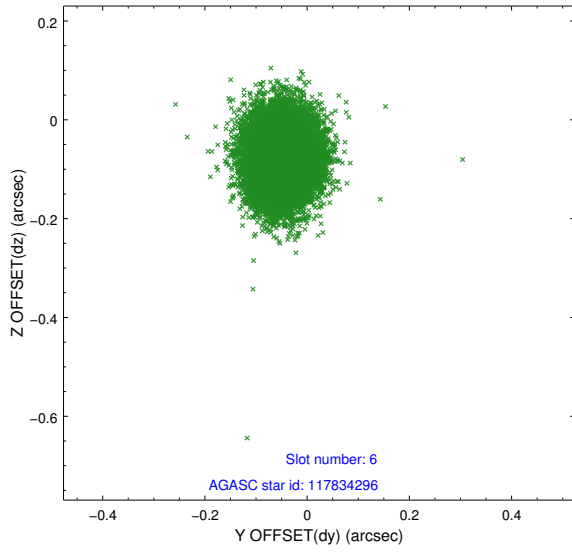
2.4.2 Slot 4



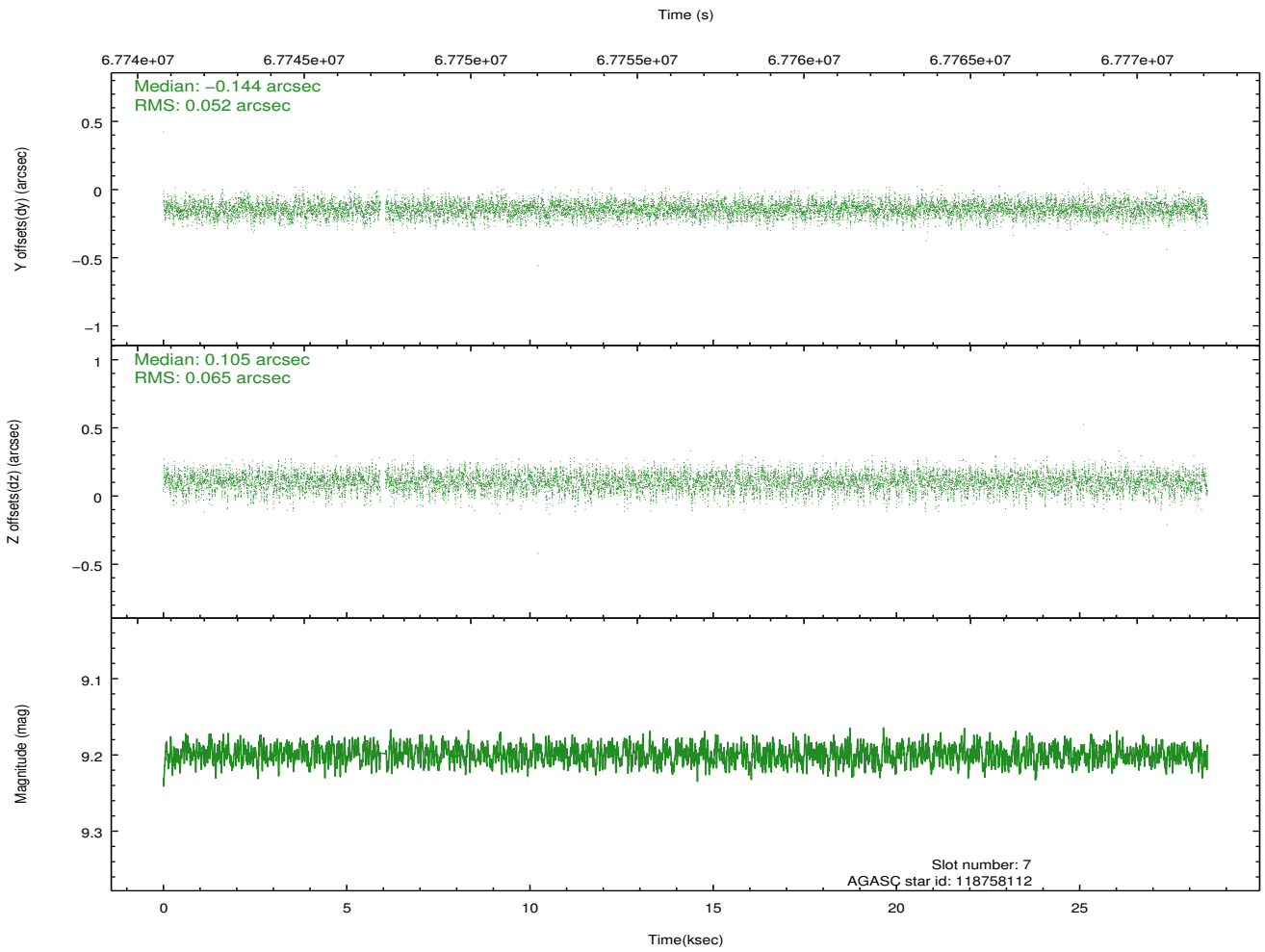
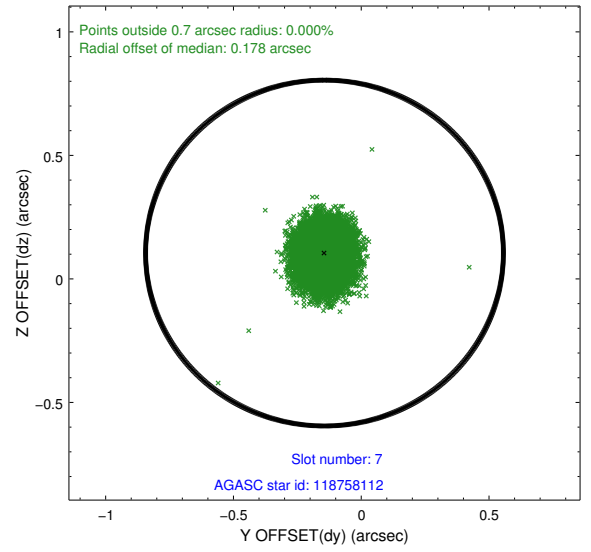
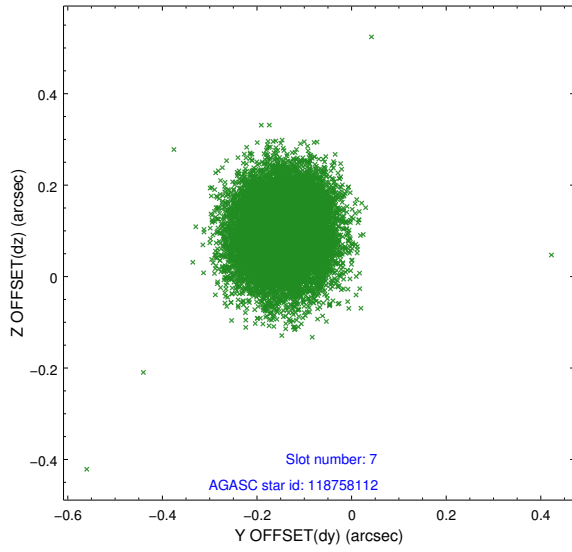
2.4.3 Slot 5



2.4.4 Slot 6

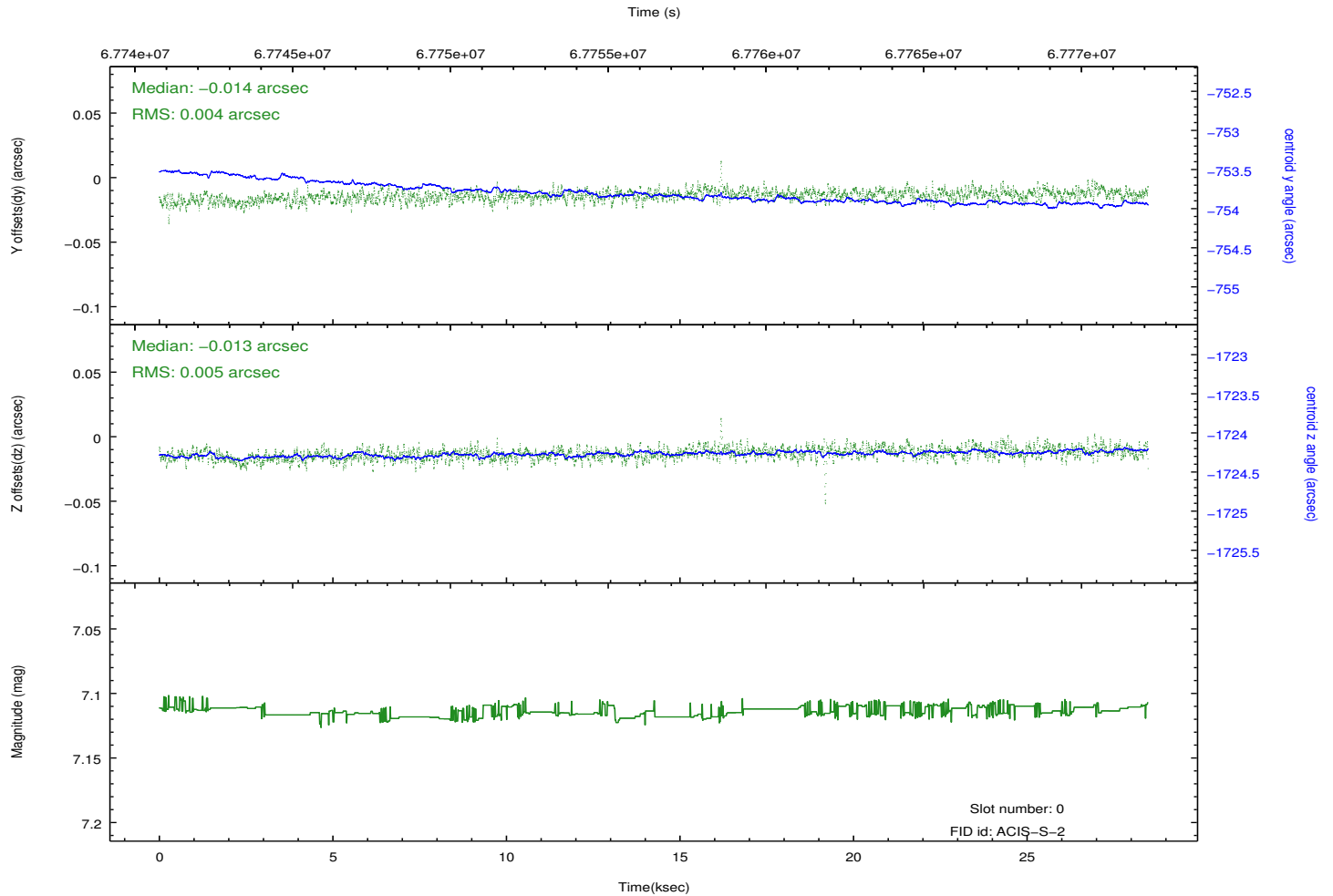
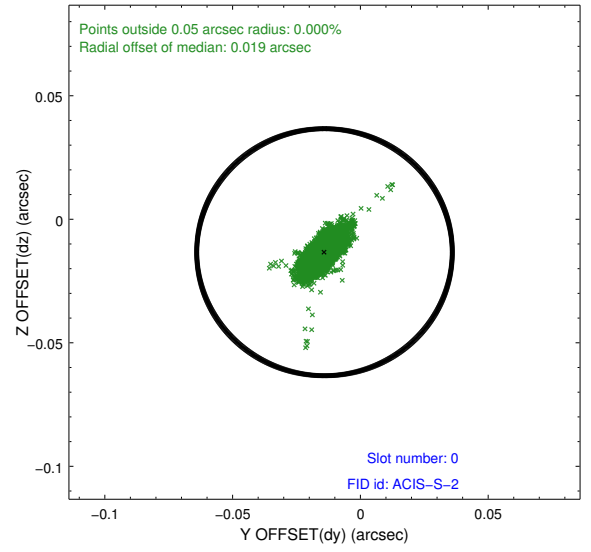
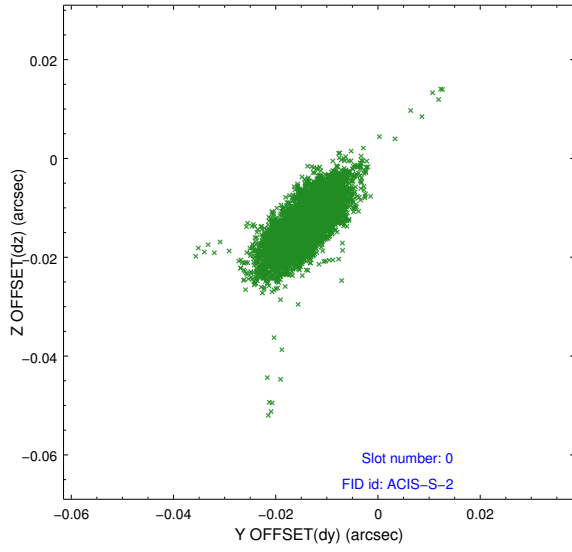


2.4.5 Slot 7

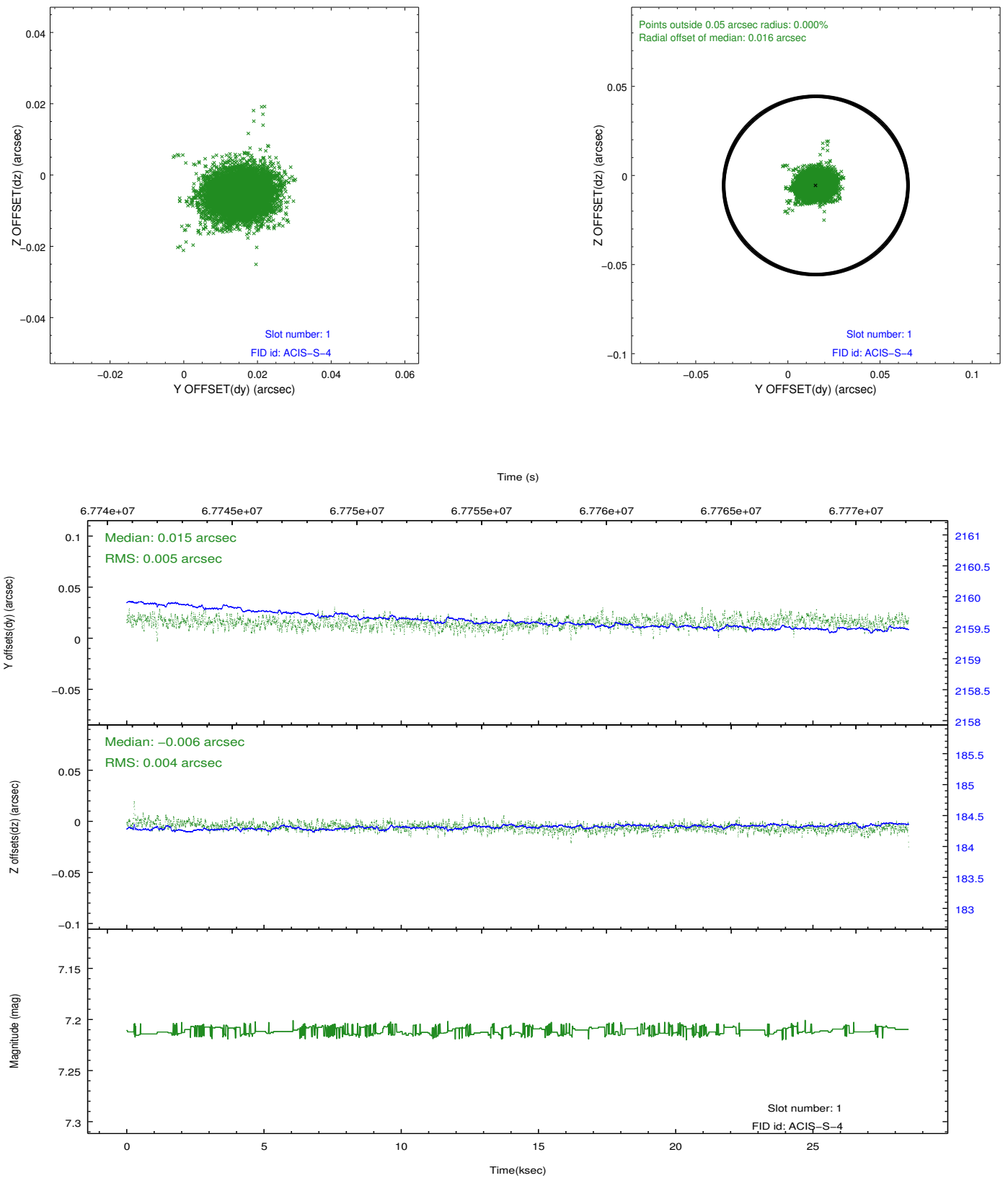


2.5 FID Slots

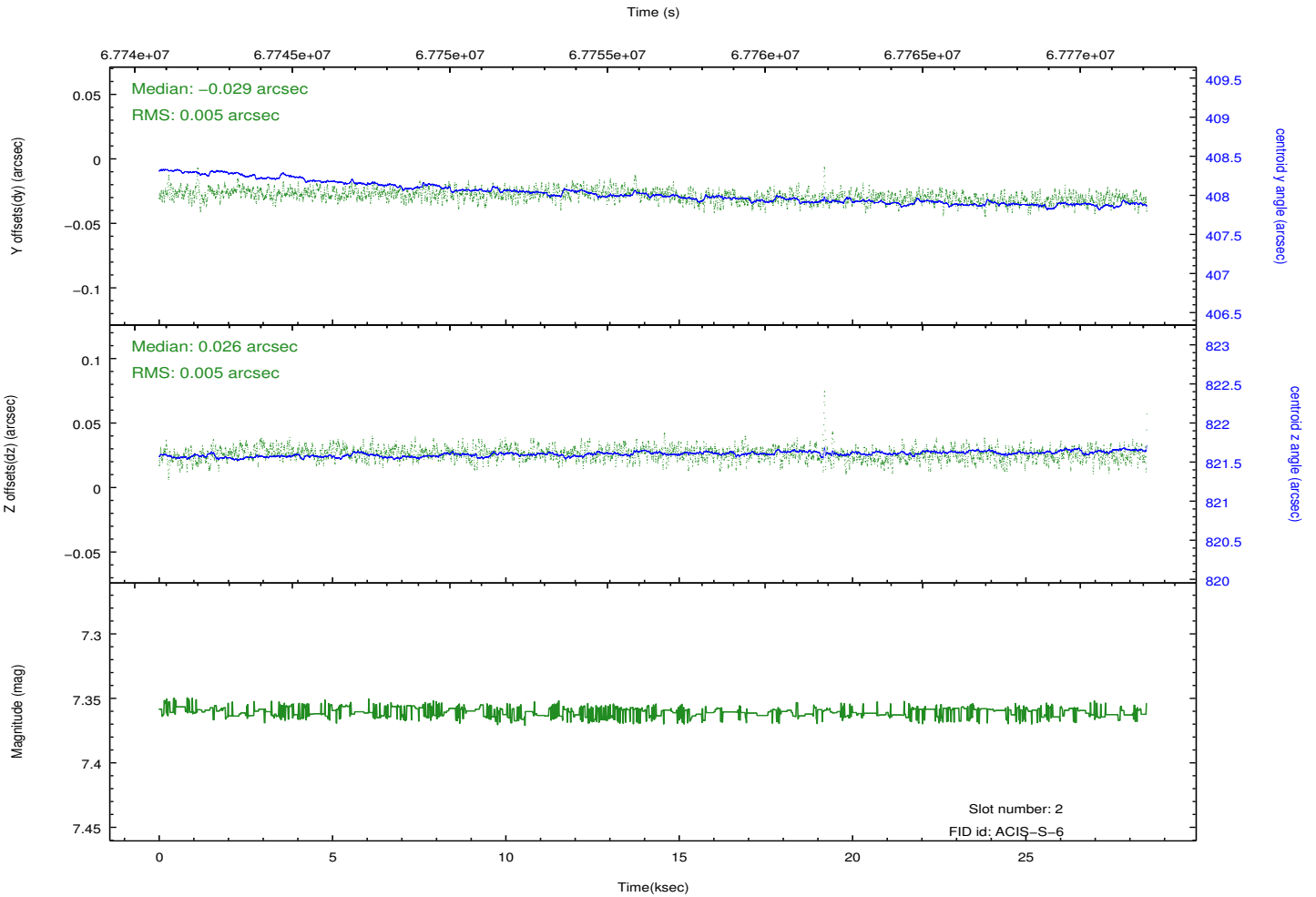
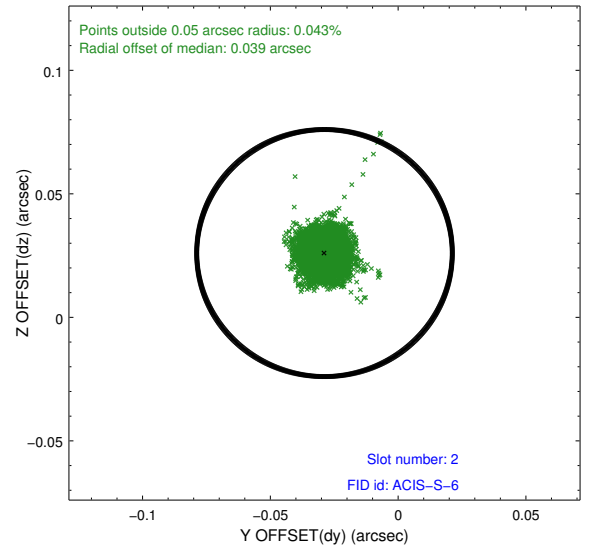
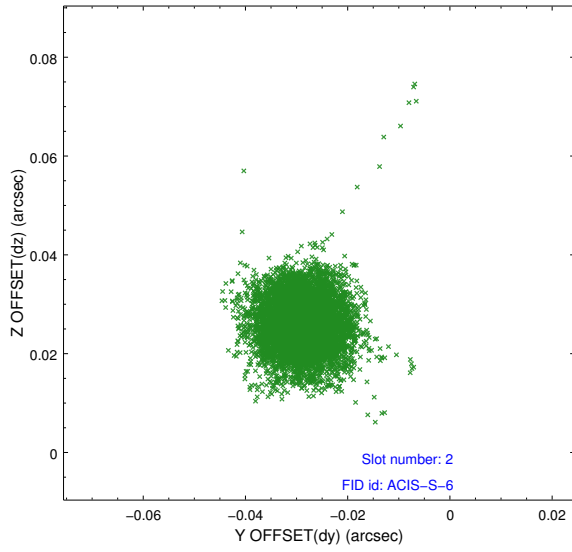
2.5.1 Slot 0



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)	2012.08.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	27.945

A.2 Comments