

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 1158 - L2 Version 6
Chandra X-Ray Center

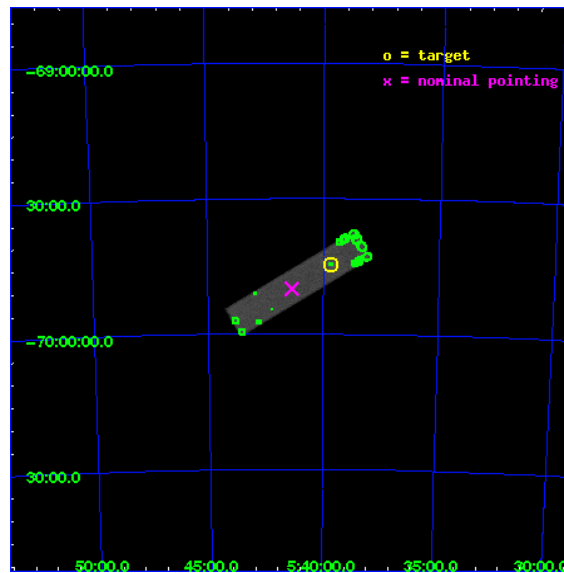
L2 Processing Date : Dec 2 2009

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1 Front

seq_num	480108	Sequence number
obs_id	1158	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	LMC X-1	Source name
ra_targ	84.914583	Observer's specified target RA
dec_targ	-69.743611	Observer's specified target Dec
ra_nom	85.340640644177	Nominal RA
dec_nom	-69.833090646313	Nominal Dec
roll_nom	329.14730537449	Nominal Roll
revision	6	Processing version of data
ontime	2202.9813300371	[s]
livetime	2187.3826318243	Ontime multiplied by DTCOR
l2events	110676	Number of level 2 events

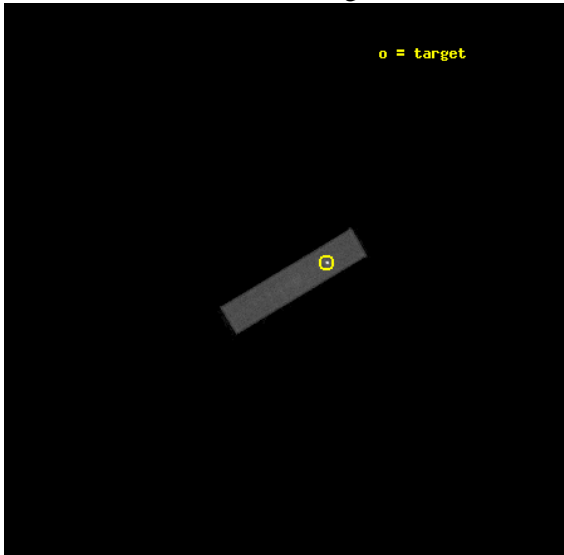


2 OBI

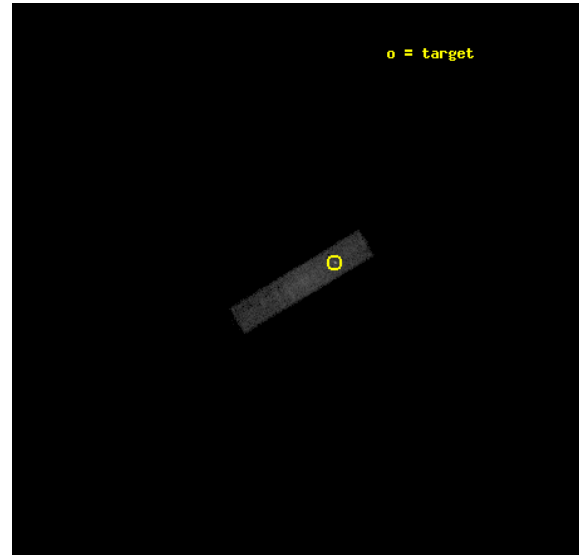
2.1 OBI

2.1.1 Images

Level 1 Image



Level 1 Bad Events



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	2000.000000	Scheduled observation exposure time
ascdsver	8.1.2	Processing system revision	ontime	2202.9813300371	[s]
caldbver	4.1.4	 	l1events	143923	Number of level 1 events
date	2009-12-02T17:37:40	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

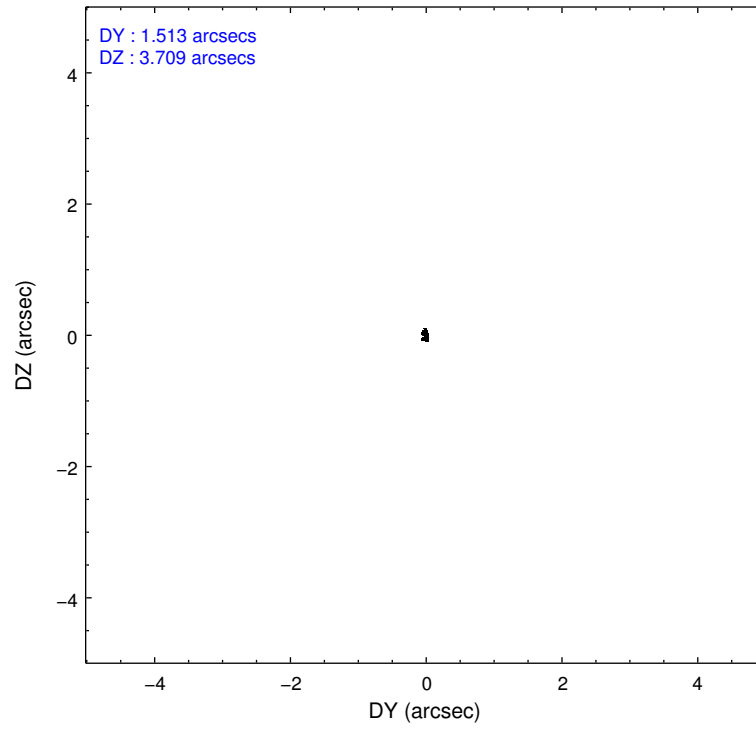
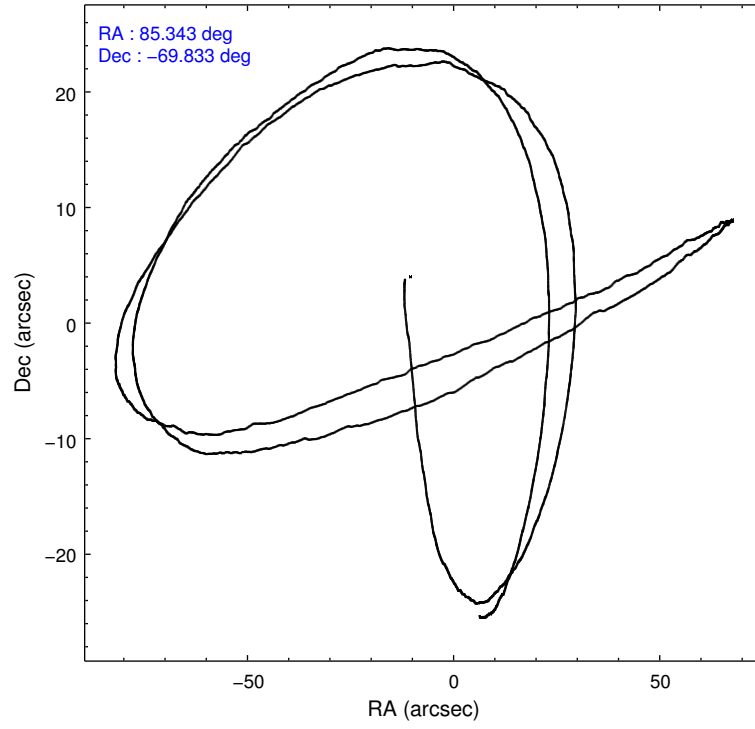
	segment 1	segment 2	segment 3
level 1 events	0	143923	0
rejected events	0	27707	0
rejected %	0%	19%	0%

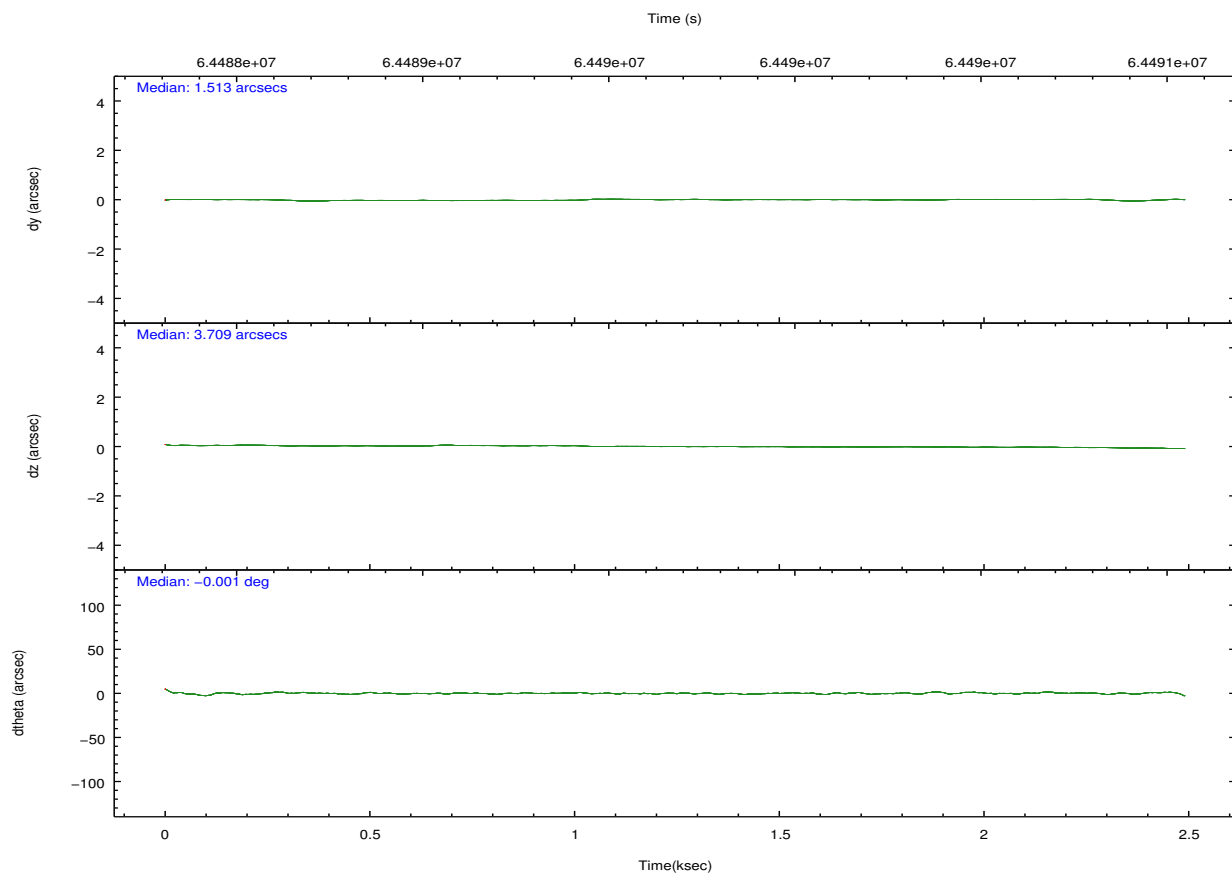
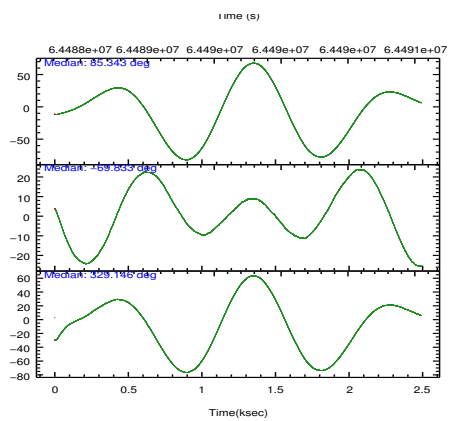
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
Pointing RA	85.256028	85.34064064417689
Pointing Dec	-69.833247	-69.83309064631261
Pointing Roll	329.000625	329.1473053744907
SIM focus pos (mm)	-1.528523	-1.428180813131781
SIM defocus (mm)	0.004813771043328752	0.1051558262725154
SIM translation stage pos (mm)	250.455976	250.466033080201
SIM translation stage offset (mm)	0	-0.01005468664627074
Observation start time	64488924.184000	64488258.399294
Observation start date	2000-01-17T09:34:20	2000-01-17T09:24:18
Observation end time	64490924.184000	64491058.186896
Observation end date	2000-01-17T10:07:40	2000-01-17T10:10:58

Parameter	Planned	Actual
Obspar format version number	6	6
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



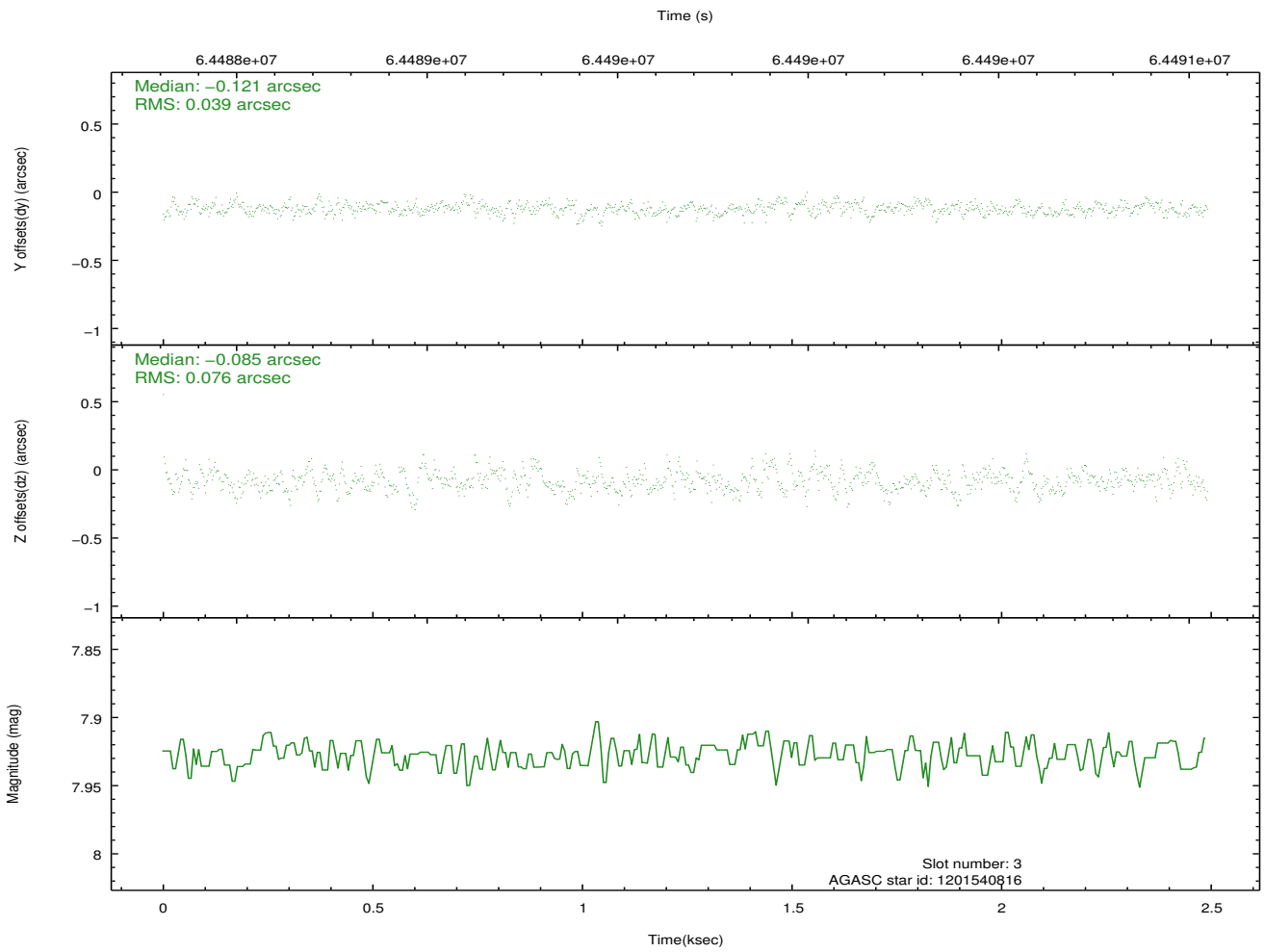
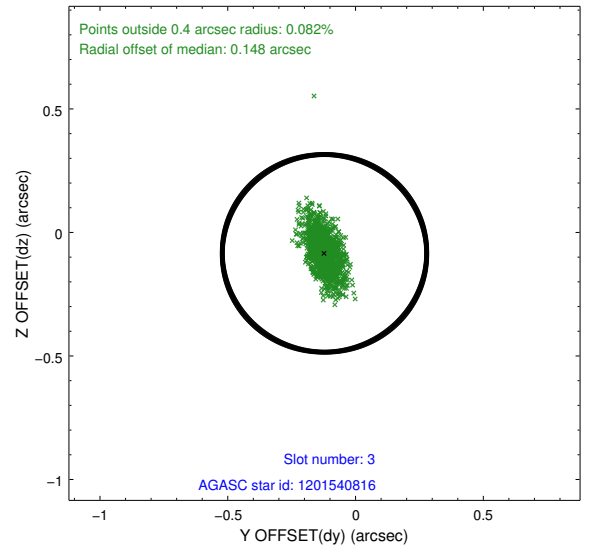
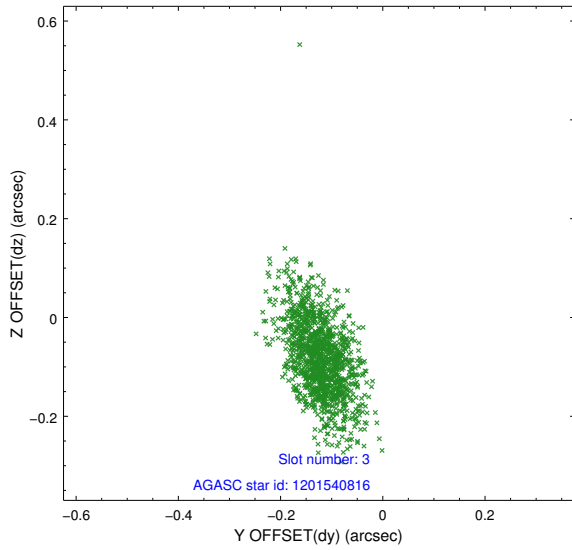


Slot Statistics

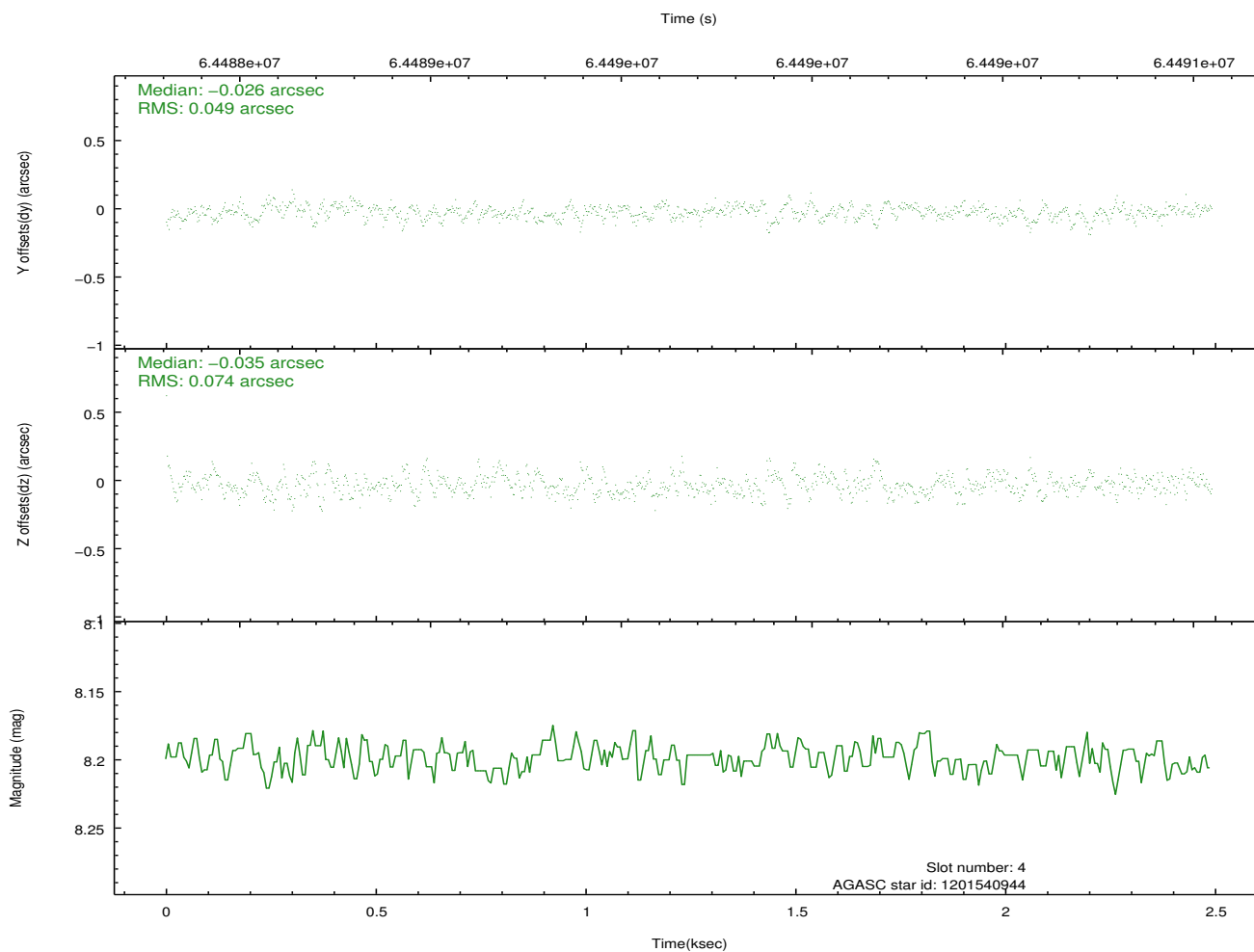
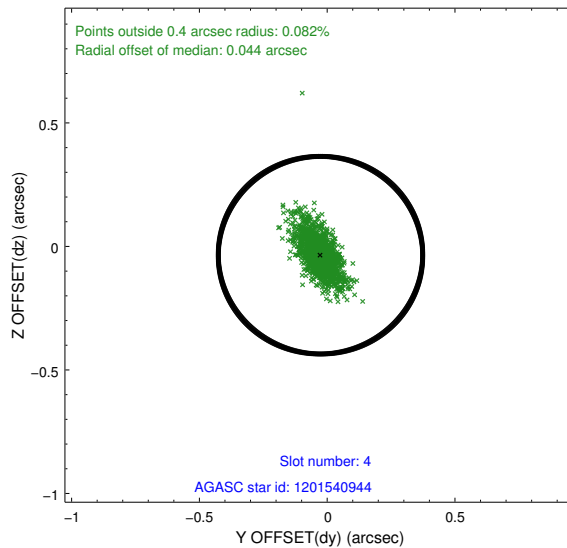
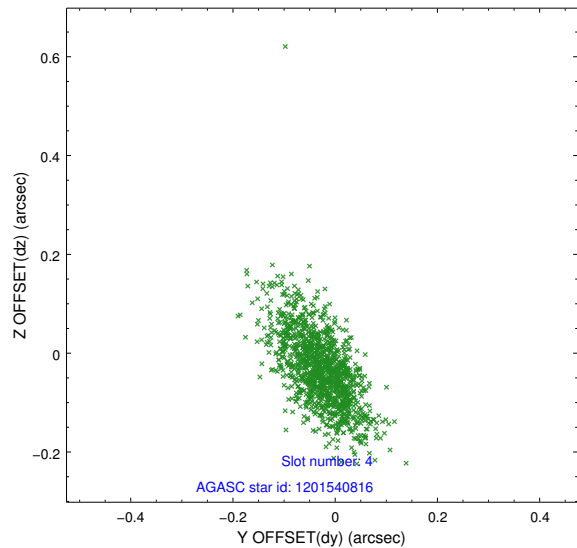
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	608	0.133	-0.095	0.004	0.008	0.000000	0.000000	-1155.53	-452.09
1	FID	HRC-S-2	6.96	608	0.151	-0.097	0.008	0.013	0.000000	0.000000	1242.27	-445.56
2	FID	HRC-S-4	6.94	608	0.119	-0.111	0.007	0.012	0.000000	0.000000	1244.79	579.17
3	GUIDE	1201540816	7.93	1216	-0.121	-0.085	0.084	0.159	86.998494	-69.749817	1720.38	1349.05
4	GUIDE	1201540944	8.20	1214	-0.026	-0.035	0.088	0.161	87.496877	-69.685010	2151.62	1856.82
5	GUIDE	1201542672	8.19	1216	0.054	-0.025	0.088	0.168	84.492488	-69.957531	-573.63	-872.24
6	GUIDE	1201407840	7.96	1216	-0.019	0.031	0.097	0.176	83.696303	-70.172201	-993.28	-2048.39
7	GUIDE	1201540776	9.61	1211	0.112	0.113	0.110	0.193	85.107945	-69.858480	-112.64	-174.18

2.4 Star Slots

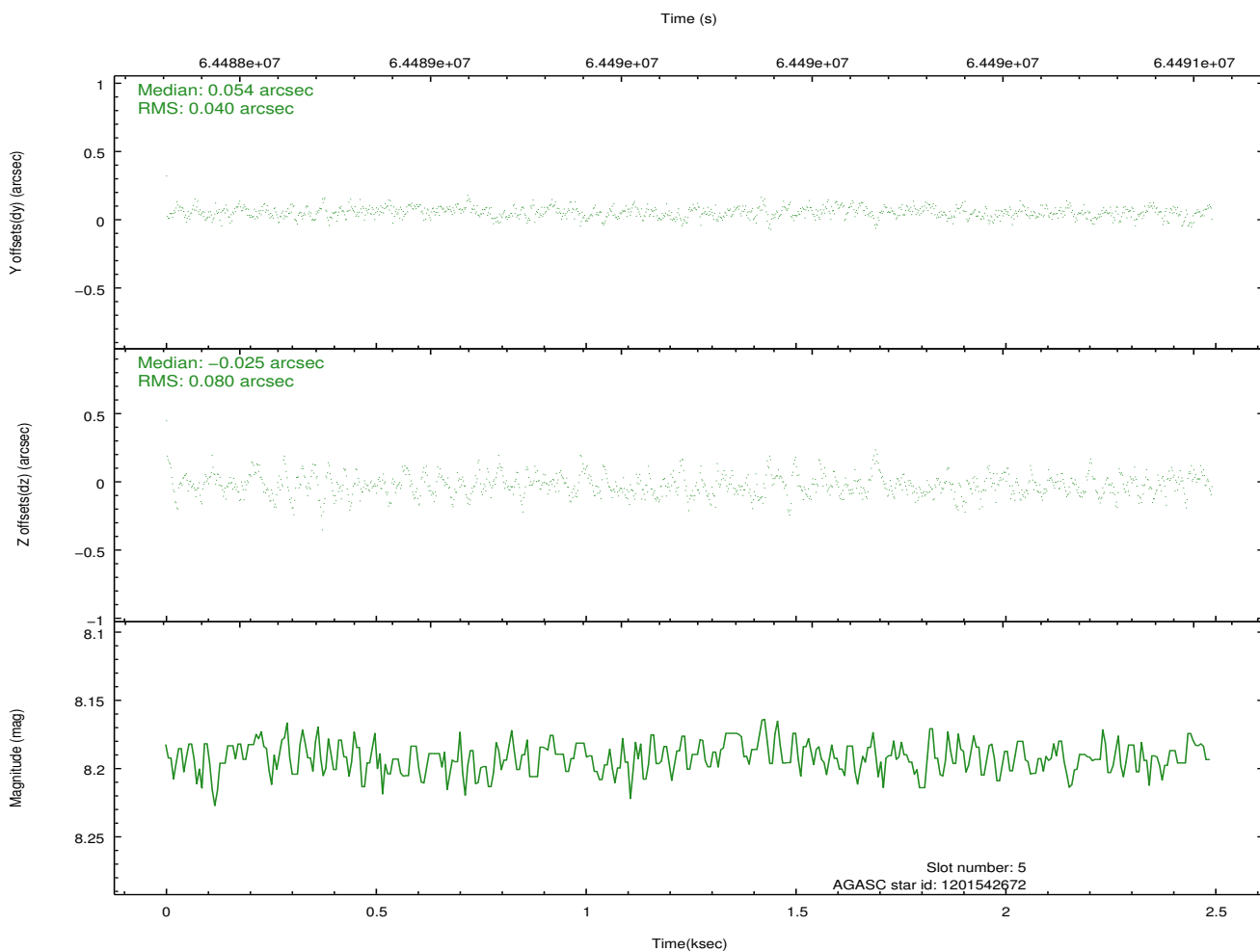
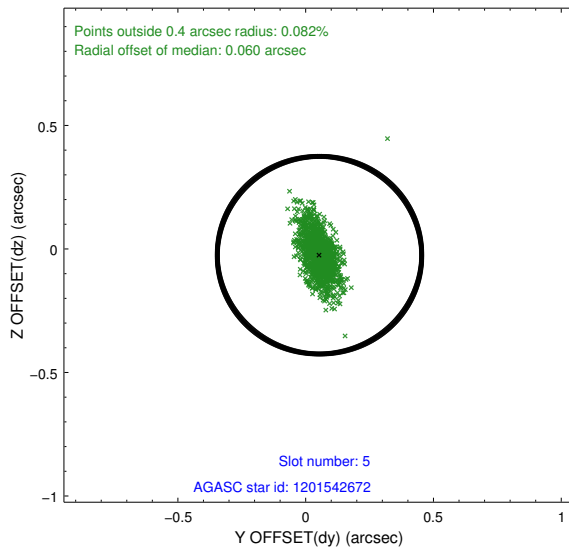
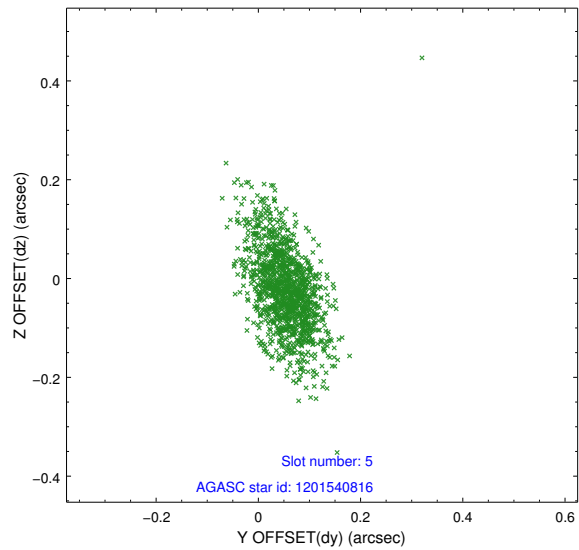
2.4.1 Slot 3



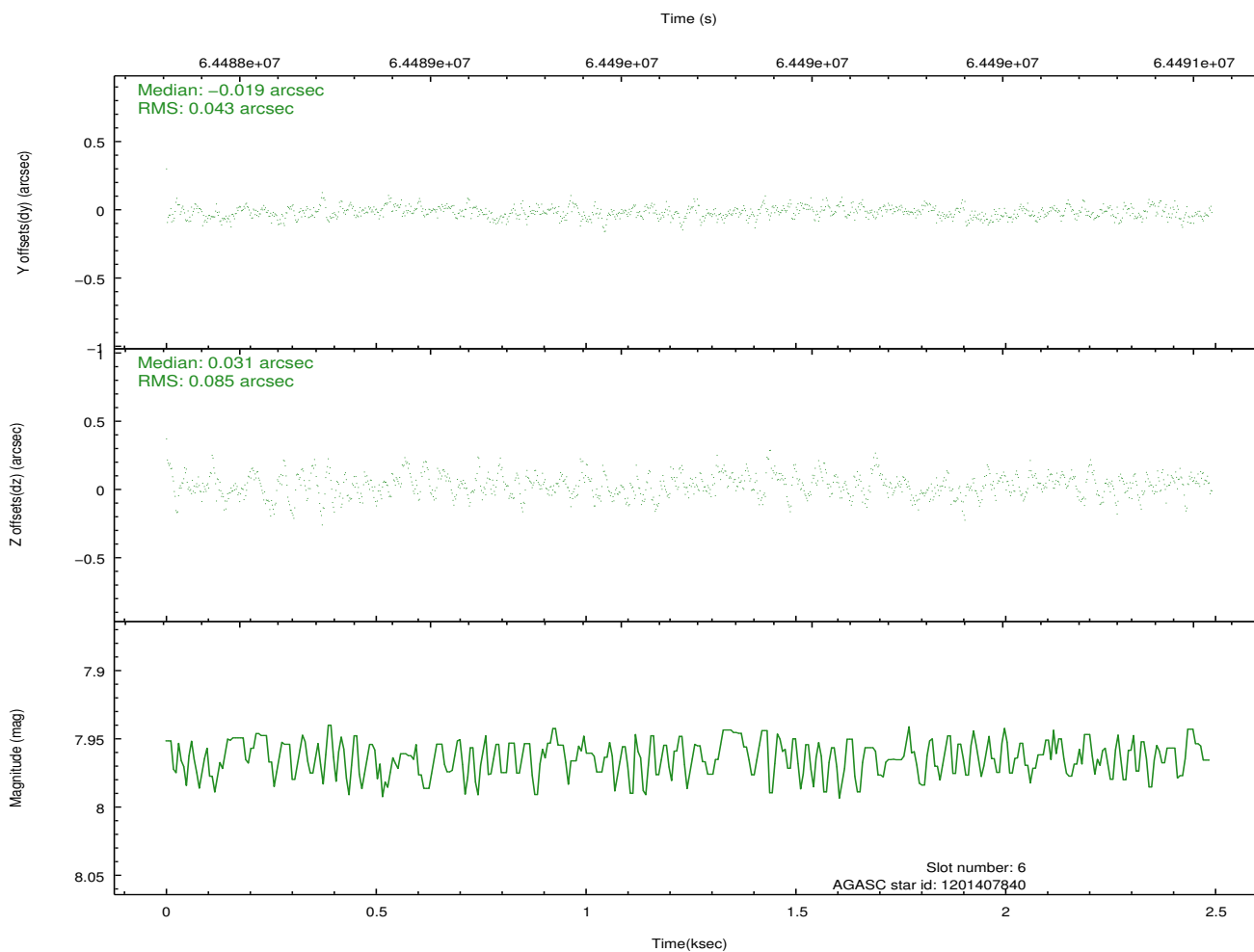
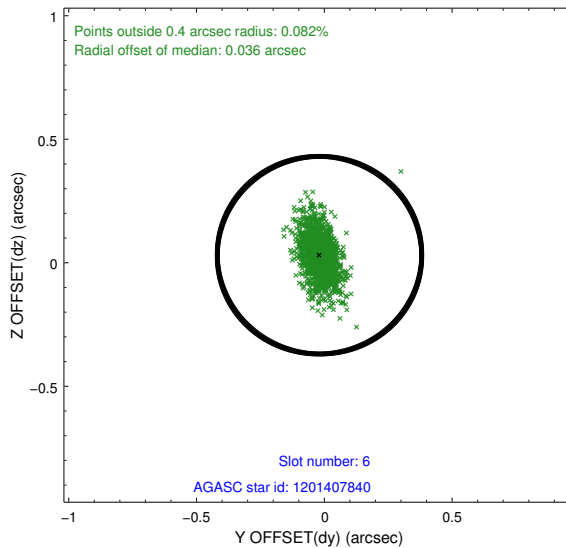
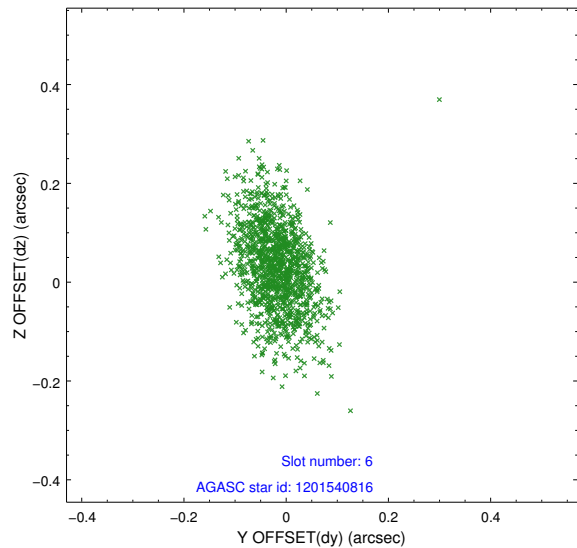
2.4.2 Slot 4



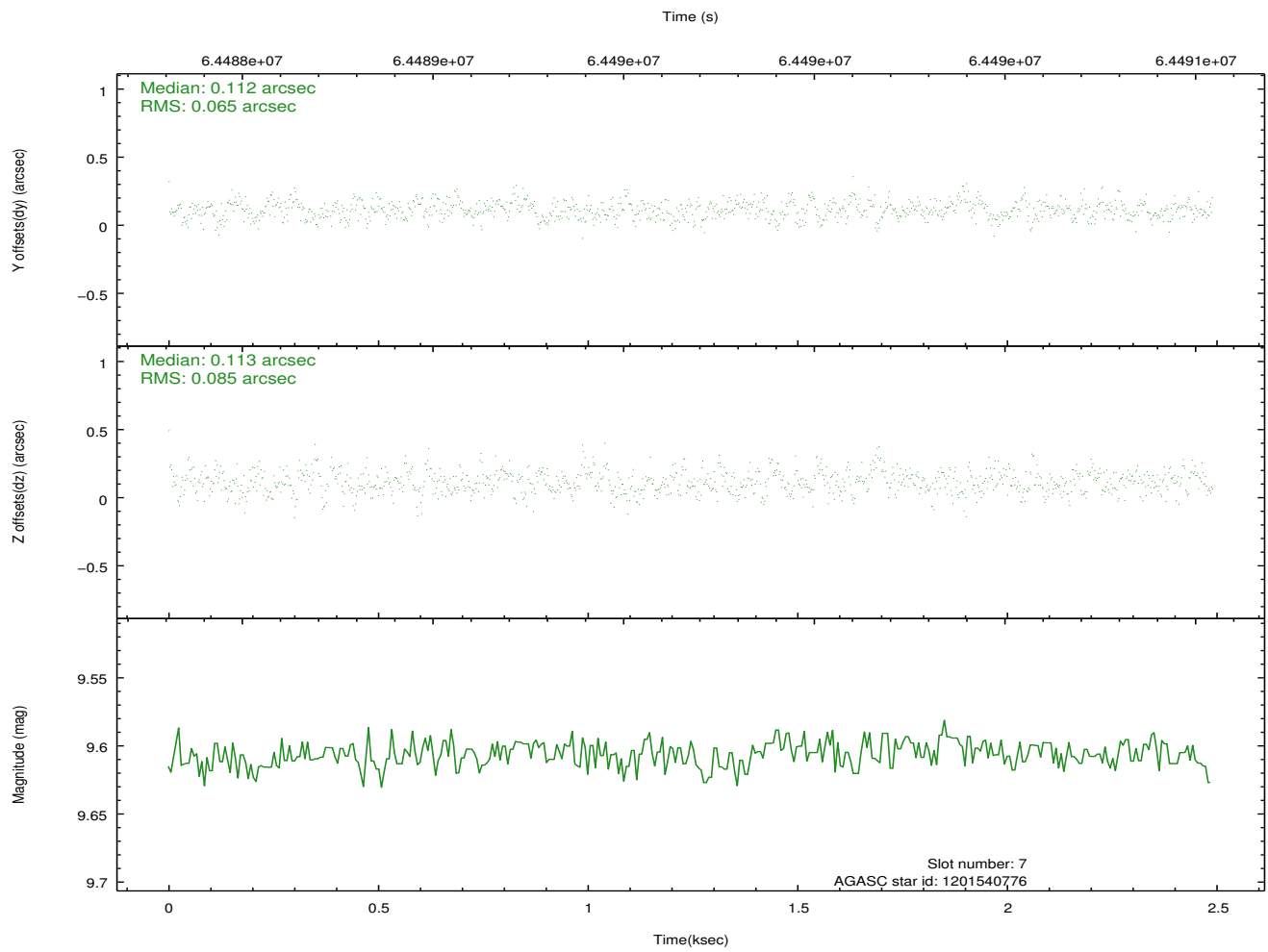
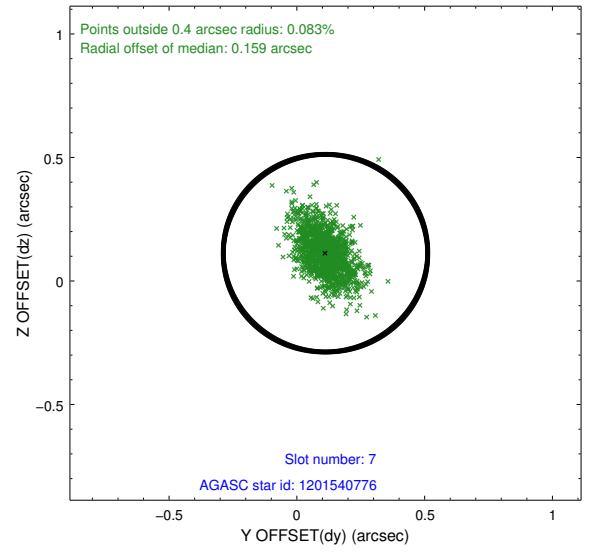
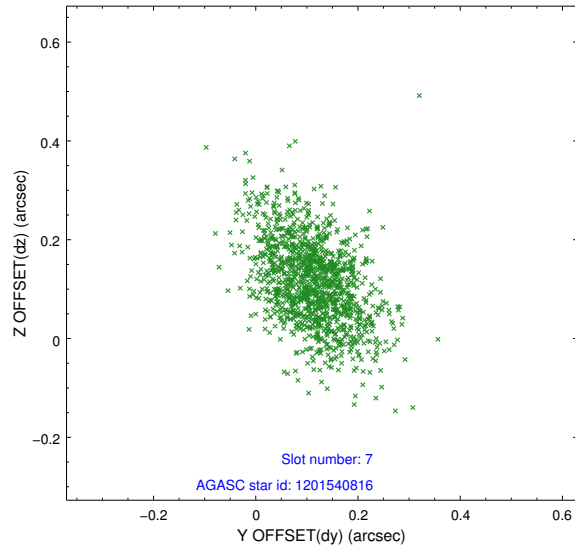
2.4.3 Slot 5



2.4.4 Slot 6

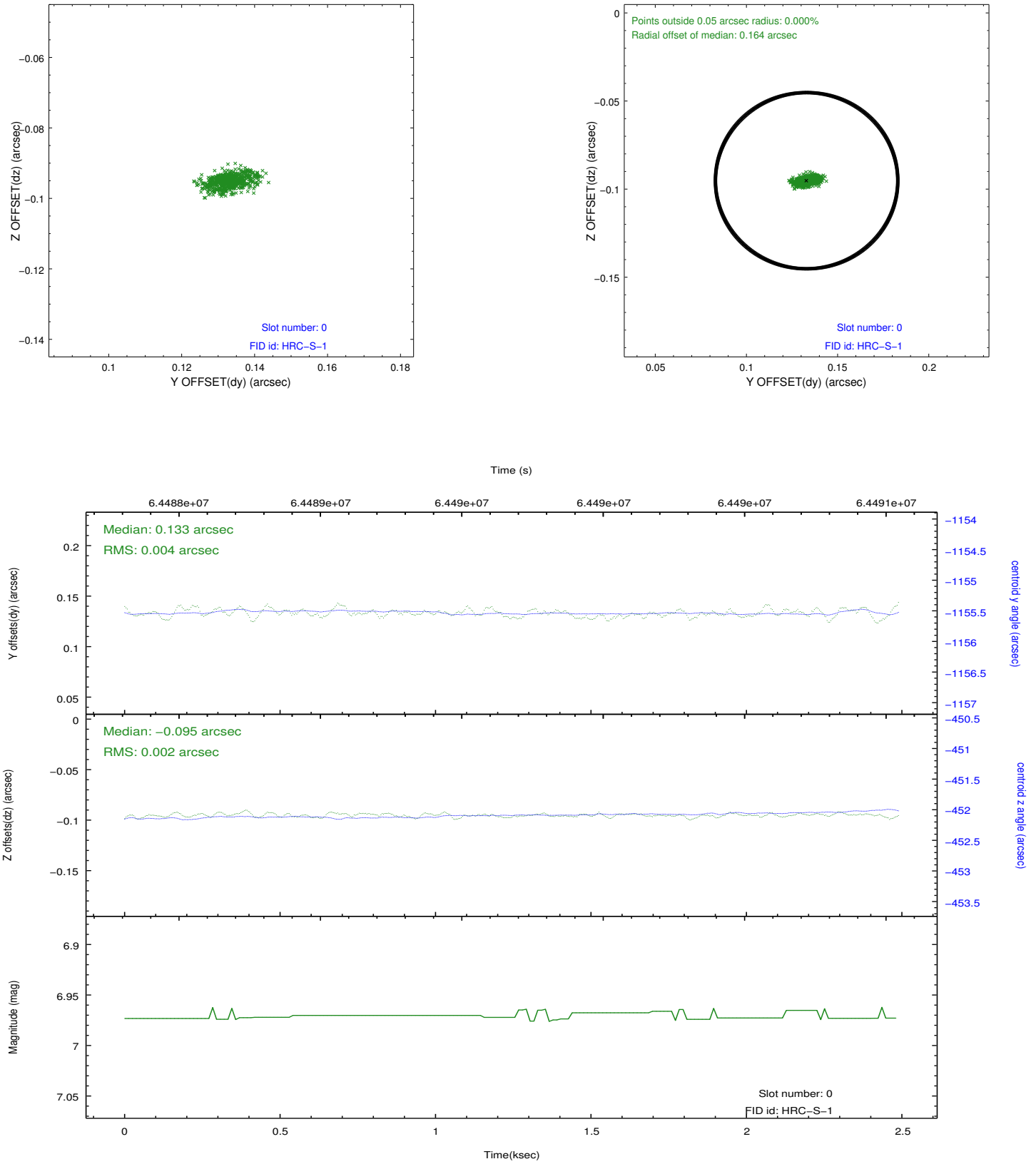


2.4.5 Slot 7

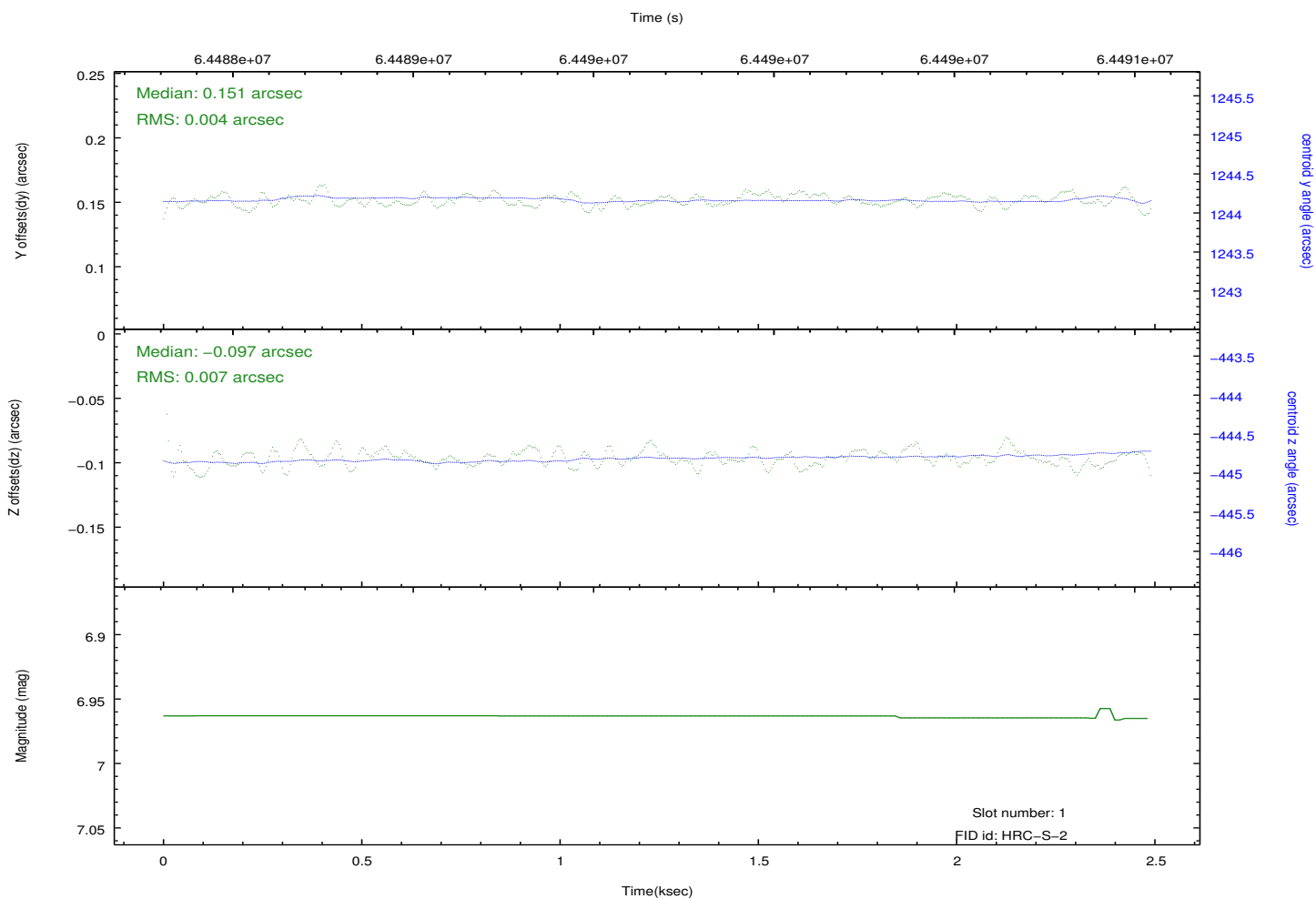
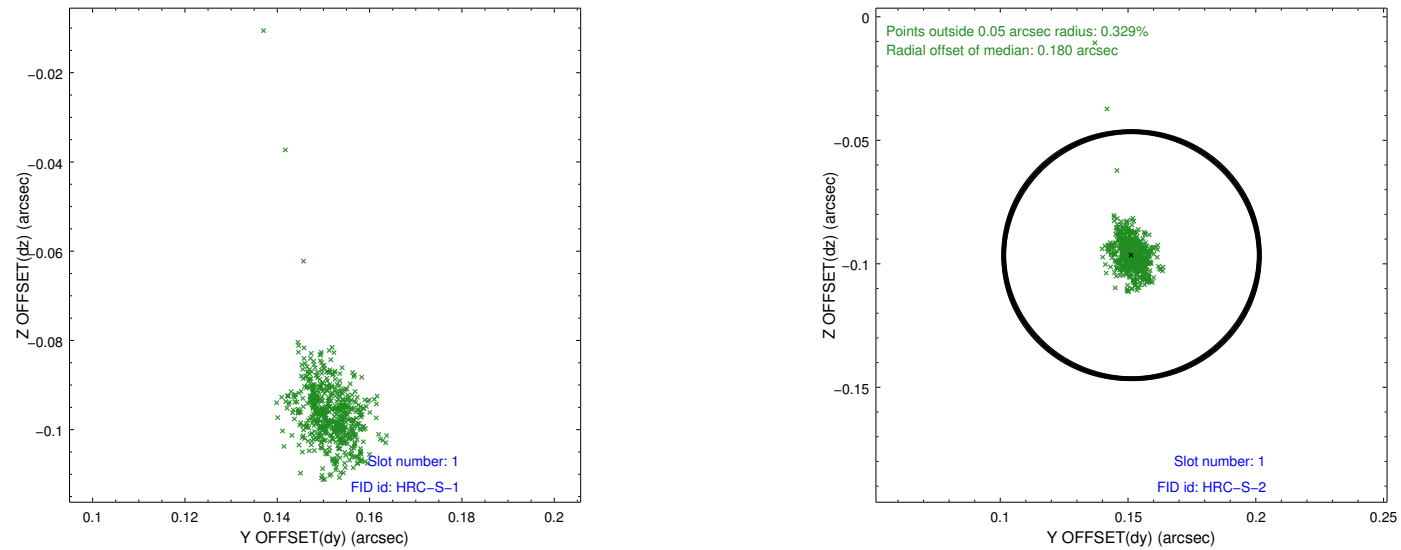


2.5 FID Slots

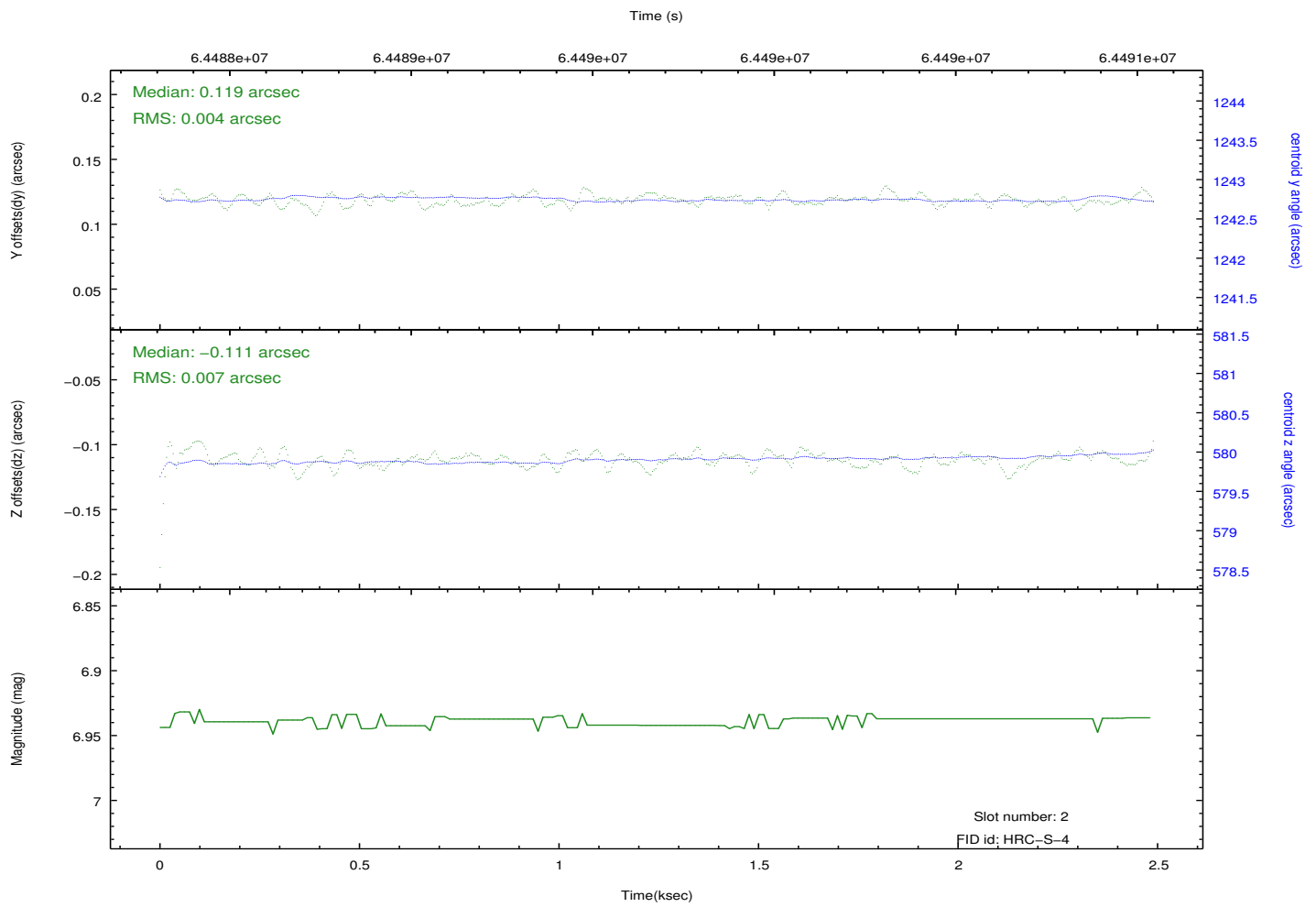
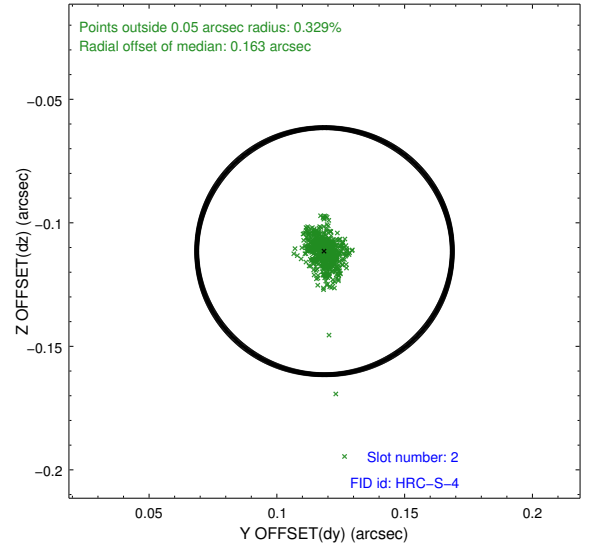
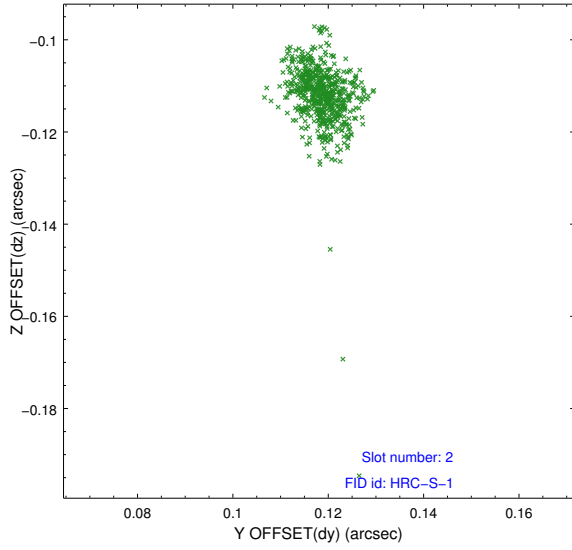
2.5.1 Slot 0



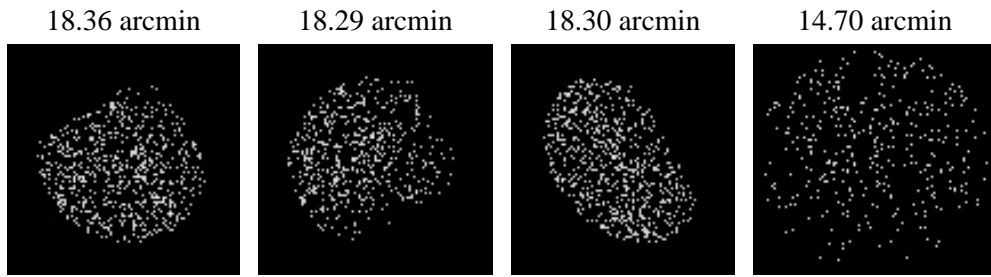
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.866

A.2 Comments

Charge time for this ObsId remains at original value of 1.866 ks, although with the current processing the charge time would have been 2.203 ksec. Target off-axis.