

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 12502 - L2 Version 2
Chandra X-Ray Center

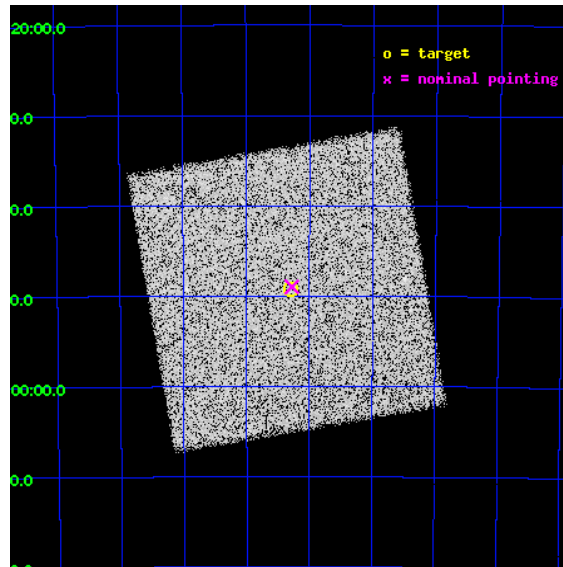
L2 Processing Date : Jul 7 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

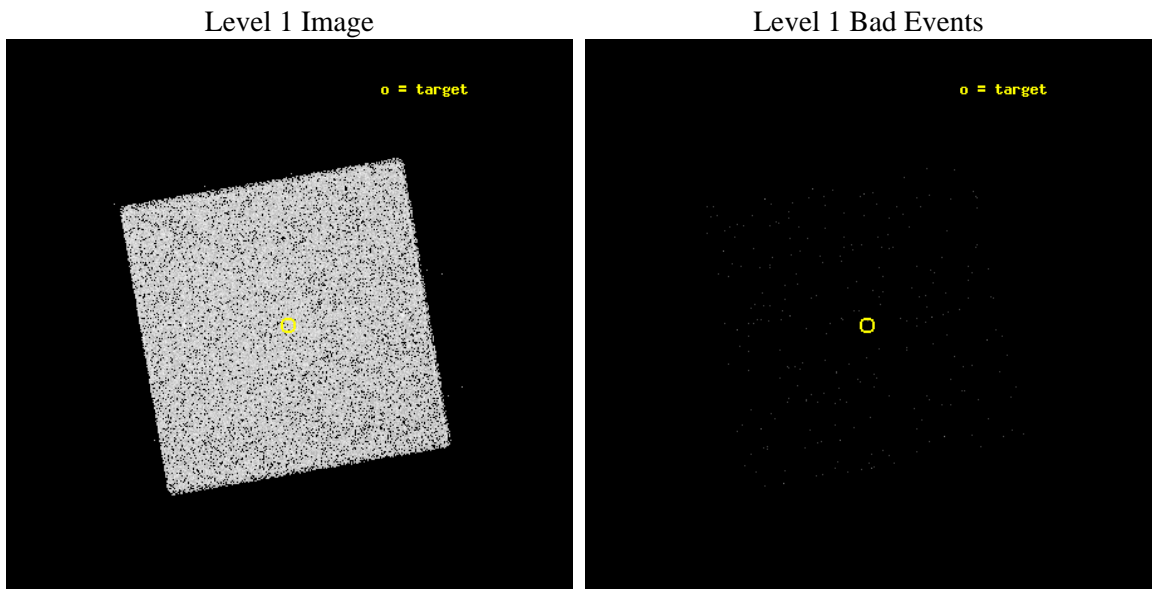
seq_num	401243	Sequence number
obs_id	12502	Observation id
title	Refining the positions of soft gamma-ray sources with Chandra	Prop
observer	Dr. Arash Bodaghee	Principal investigator
object	IGR J14043-6148	Source name
ra_targ	211.0725	Observer's specified target RA [deg]
dec_targ	-61.82	Observer's specified target Dec [deg]
ra_nom	211.06935064059	Nominal RA [deg]
dec_nom	-61.81633521531	Nominal Dec [deg]
roll_nom	125.21601631096	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1141.0813088417	[s]
livetime	1128.9335032006	Ontime multiplied by DTCOR
l2events	81098	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1141.0813088417	[s]
caldsver	4.5.0	 	l1events	221406	Number of level 1 events
date	2012-07-07T17:52:29	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

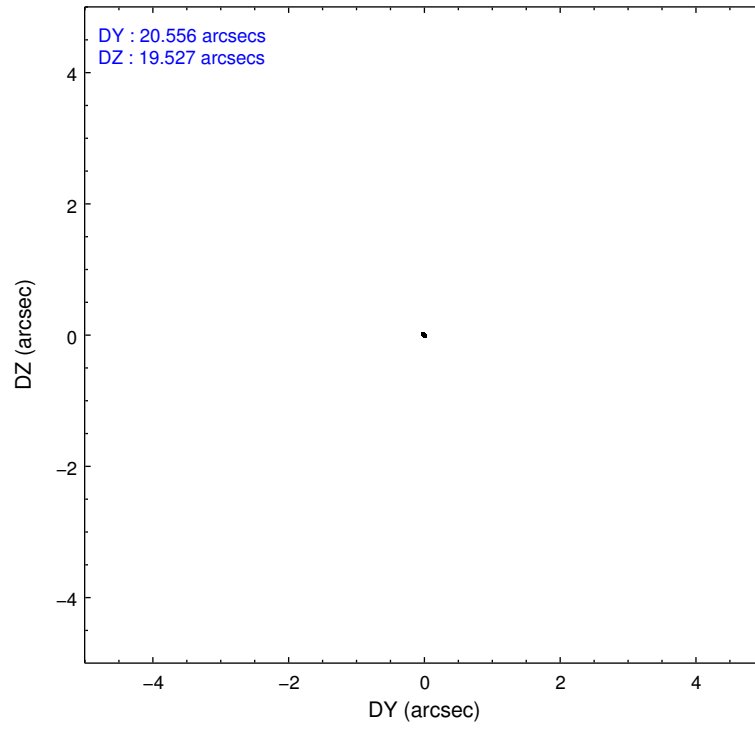
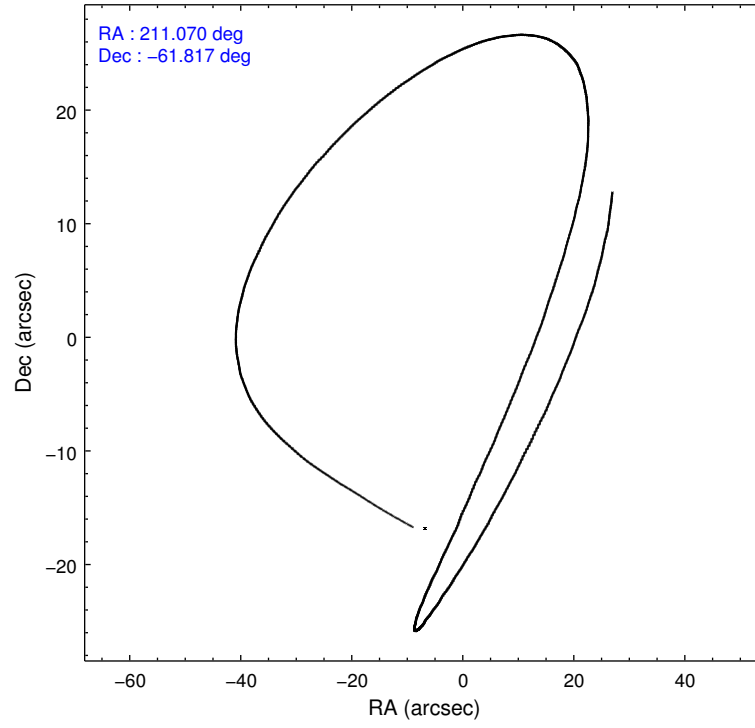
Level 1 Events

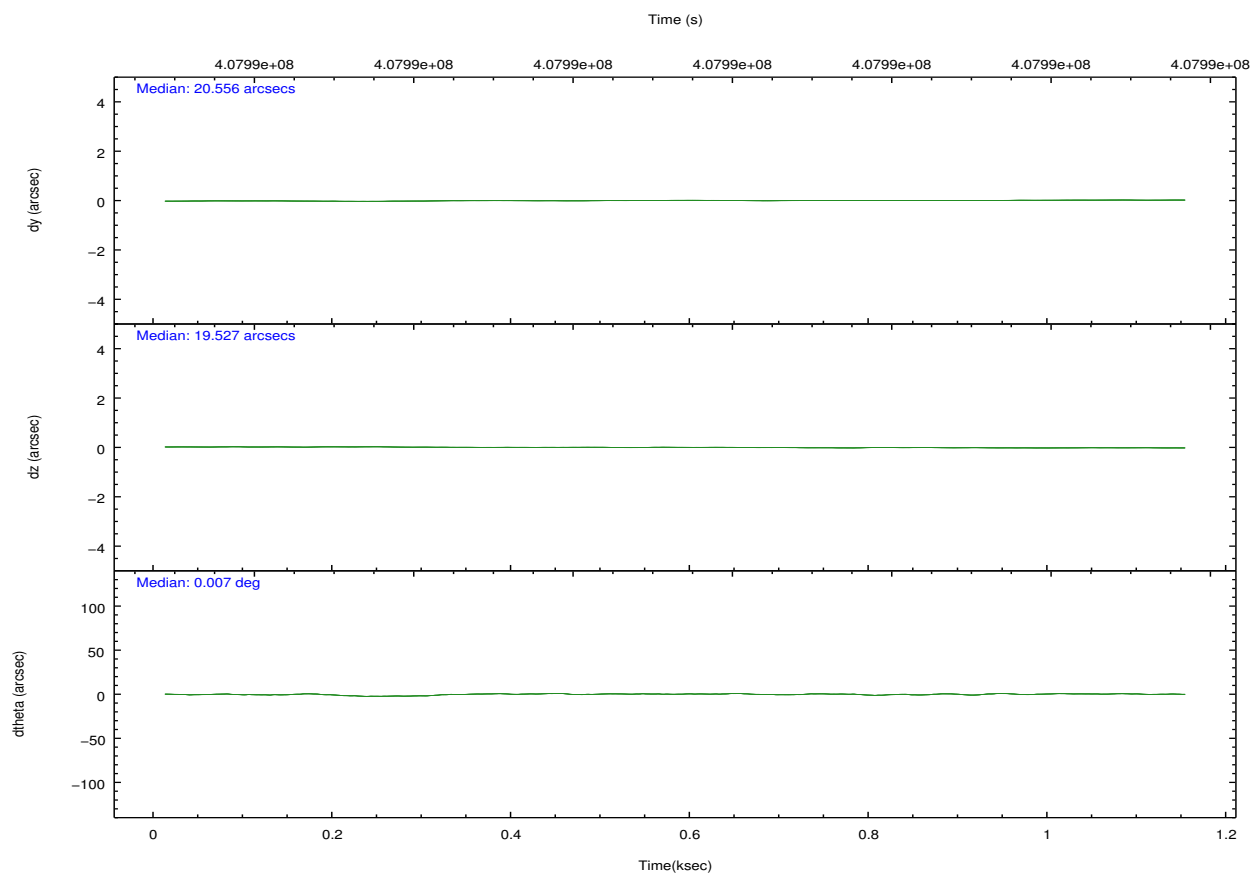
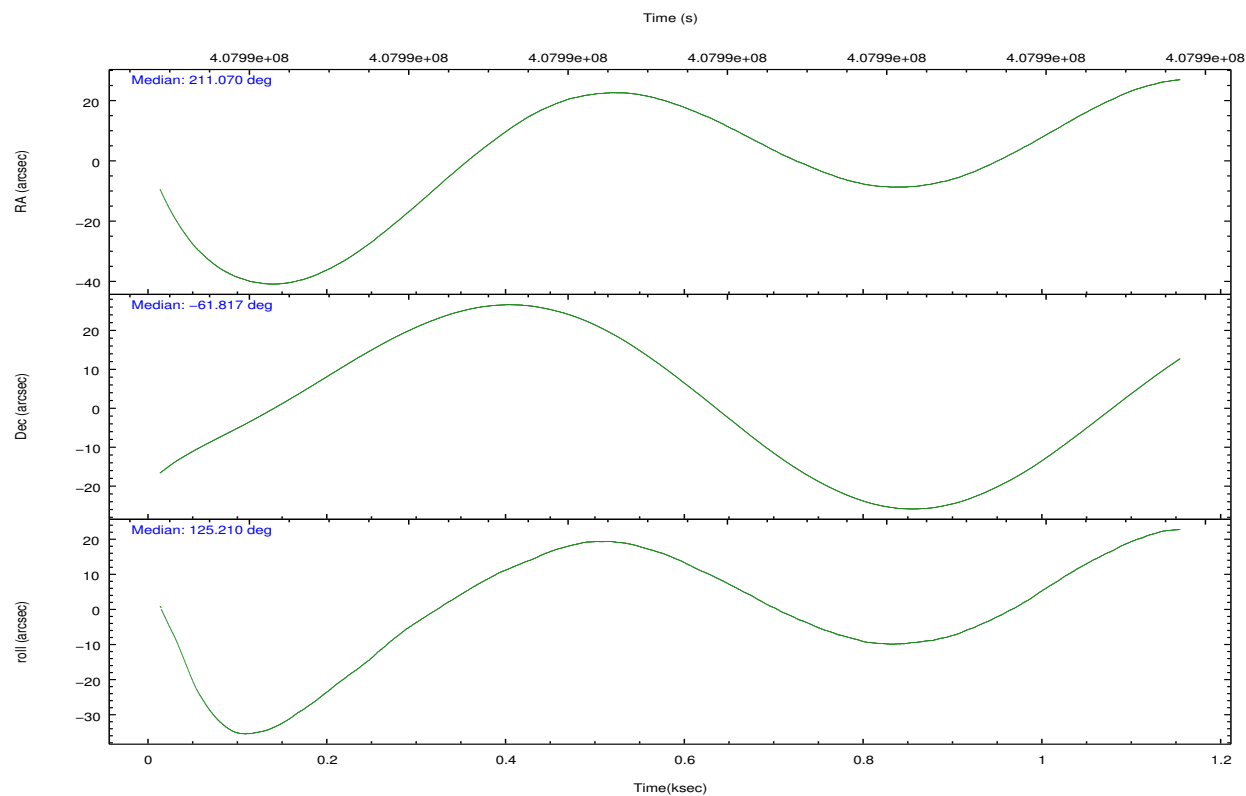
	segment 0
level 1 events	221406
rejected events	105801
rejected %	47%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	211.123263	211.0693506405934			
[deg] Pointing Dec	-61.826708	-61.81633521531025			
[deg] Pointing Roll	125.358915	125.2160163109597			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	407991707.184000	407990573.54466			
Observation start date	2010-12-06T03:00:41	2010-12-06T02:42:53			
[s] Observation end time (MET)	407992707.184000	407993719.78232			
Observation end date	2010-12-06T03:17:21	2010-12-06T03:35:19			

2.3 Aspect



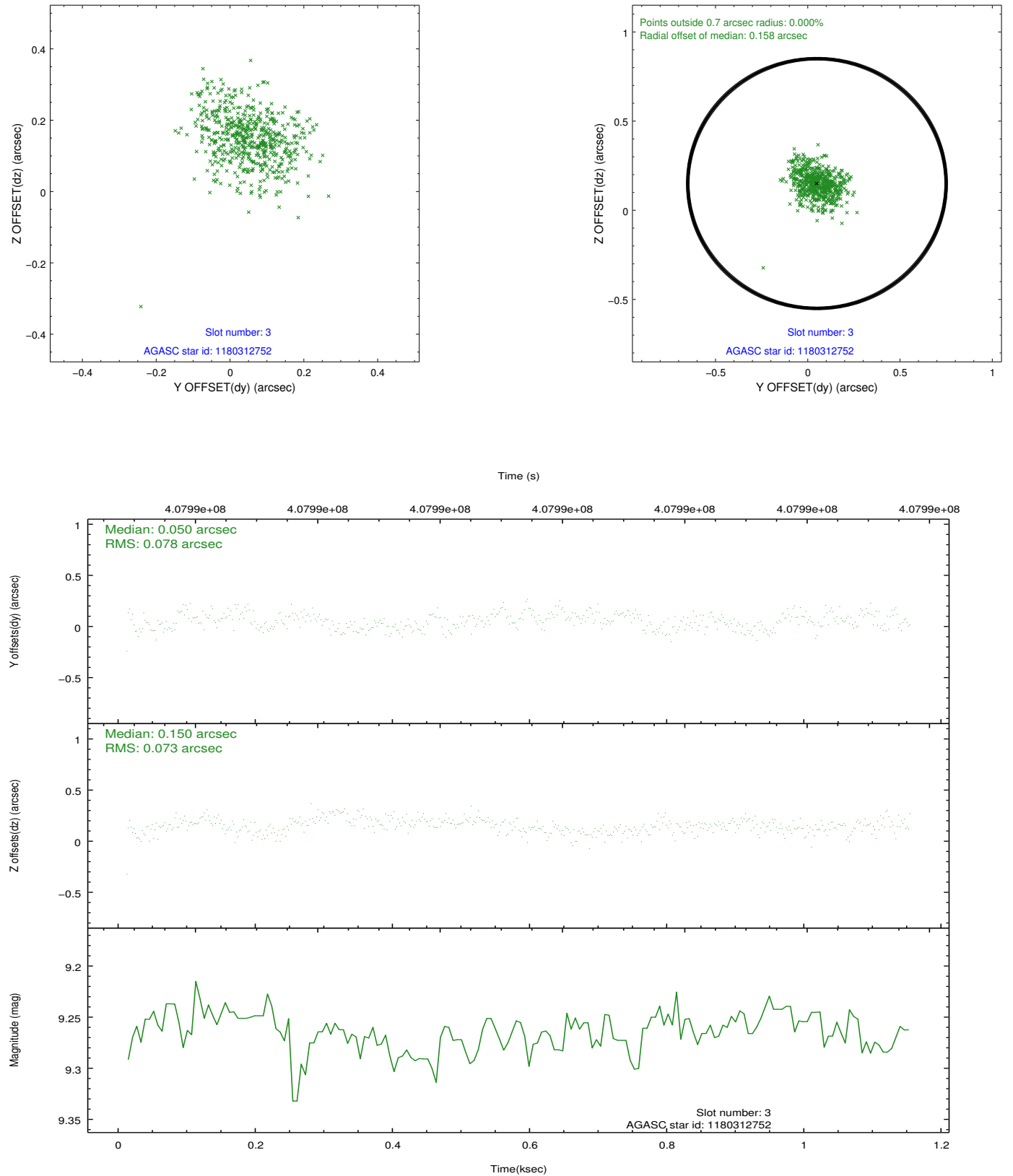


Slot Statistics

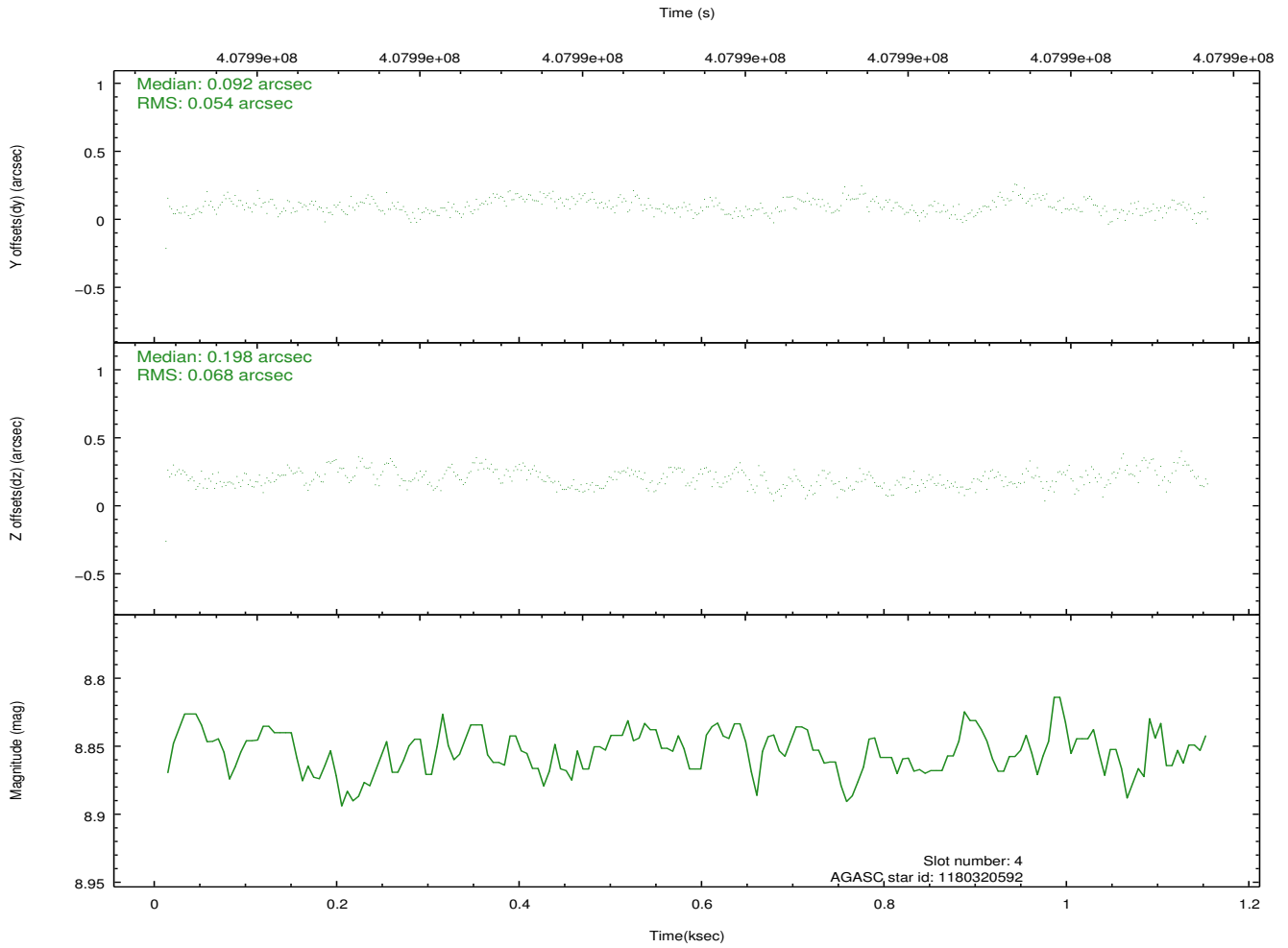
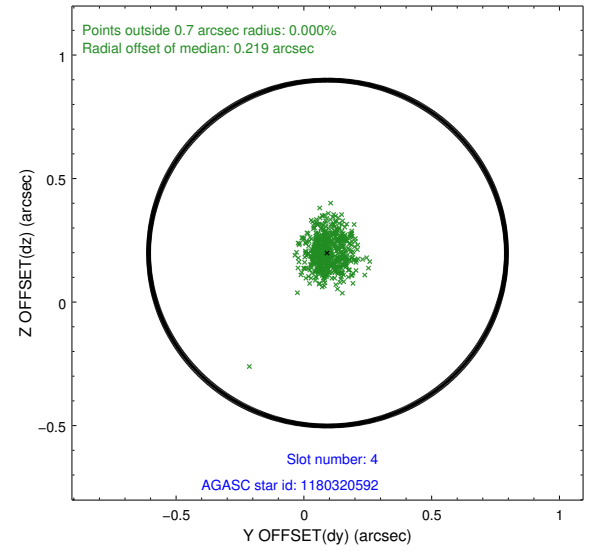
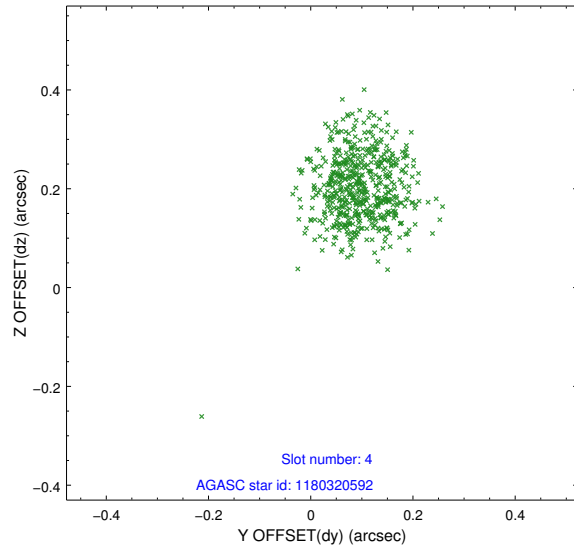
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-2	7.08	279	0.076	-0.108	0.007	0.013	0.000000	0.000000	836.24	-1309.40
1	FID	HRC-I-3	7.13	279	-0.185	0.018	0.006	0.011	0.000000	0.000000	-1202.20	992.12
2	FID	HRC-I-4	7.06	279	0.228	0.003	0.006	0.010	0.000000	0.000000	1262.18	998.02
3	GUIDE	1180312752	9.26	558	0.050	0.150	0.115	0.180	211.133321	-61.111012	2091.91	-1507.44
4	GUIDE	1180320592	8.85	558	0.092	0.198	0.089	0.140	211.984318	-61.689247	-450.54	-1484.67
5	GUIDE	1180334696	6.77	558	-0.088	-0.192	0.080	0.126	210.072461	-61.481024	2047.84	756.90
6	GUIDE	1180200552	8.88	558	-0.020	-0.090	0.086	0.141	209.679806	-61.604579	2064.08	1568.24
7	GUIDE	1180699048	8.44	557	-0.052	-0.059	0.082	0.135	209.865558	-61.978696	771.84	2063.55

2.4 Star Slots

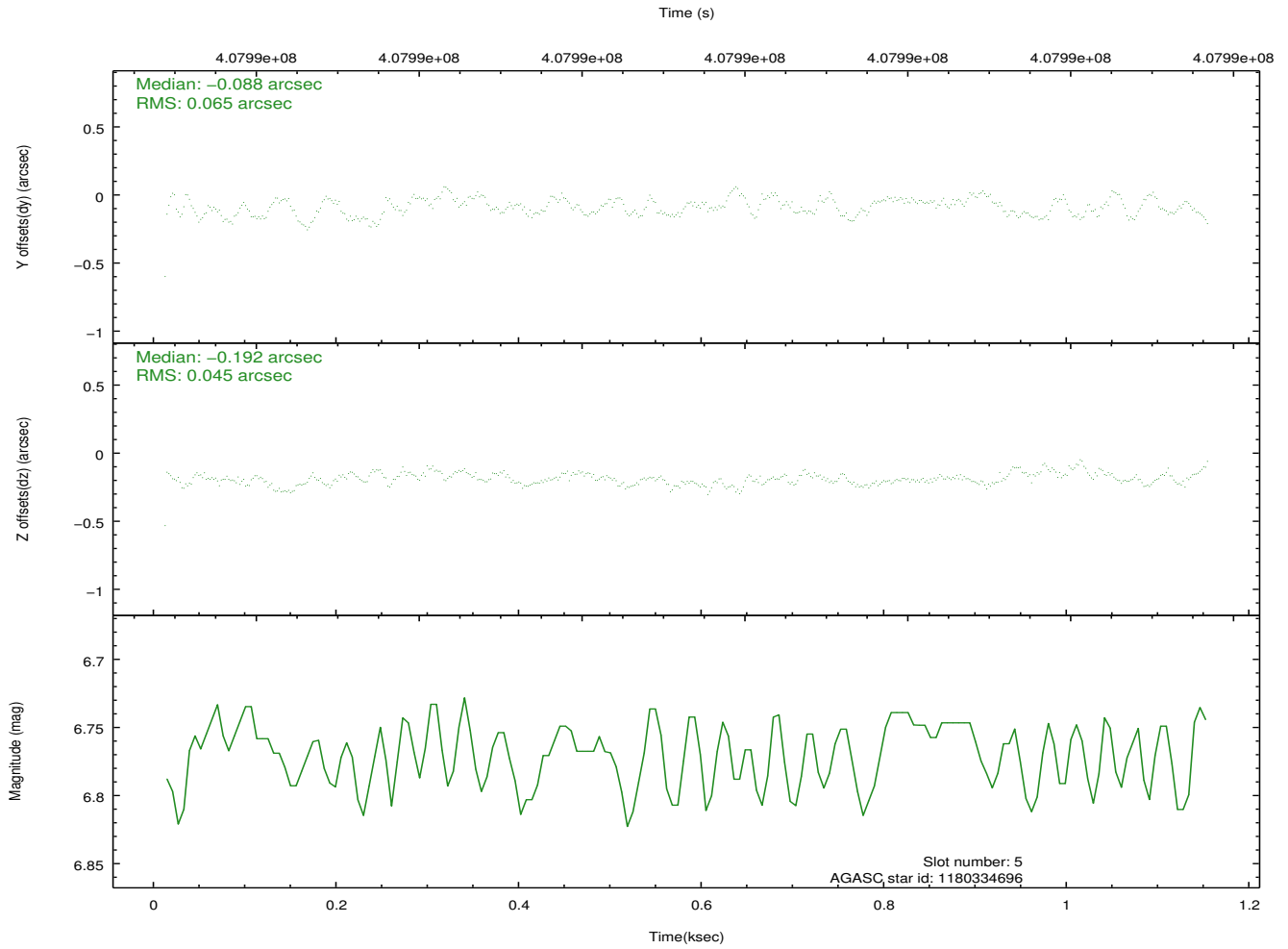
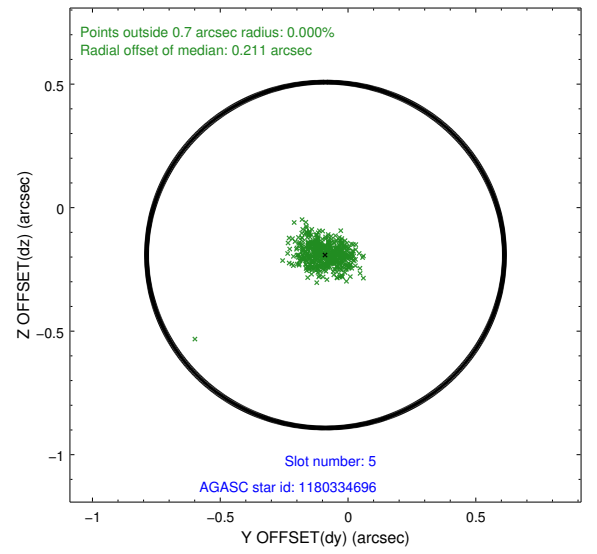
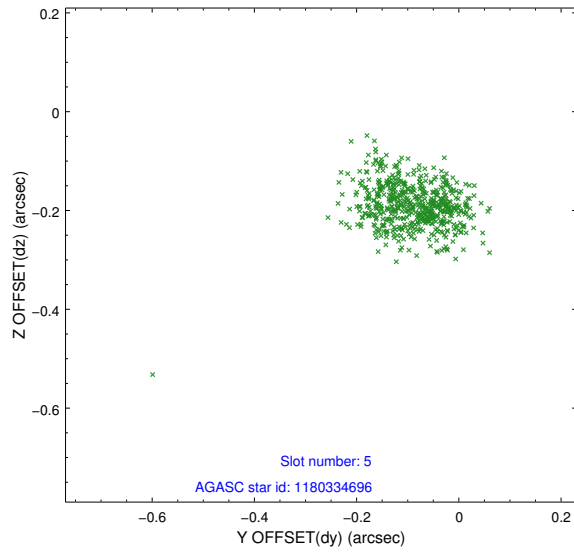
2.4.1 Slot 3



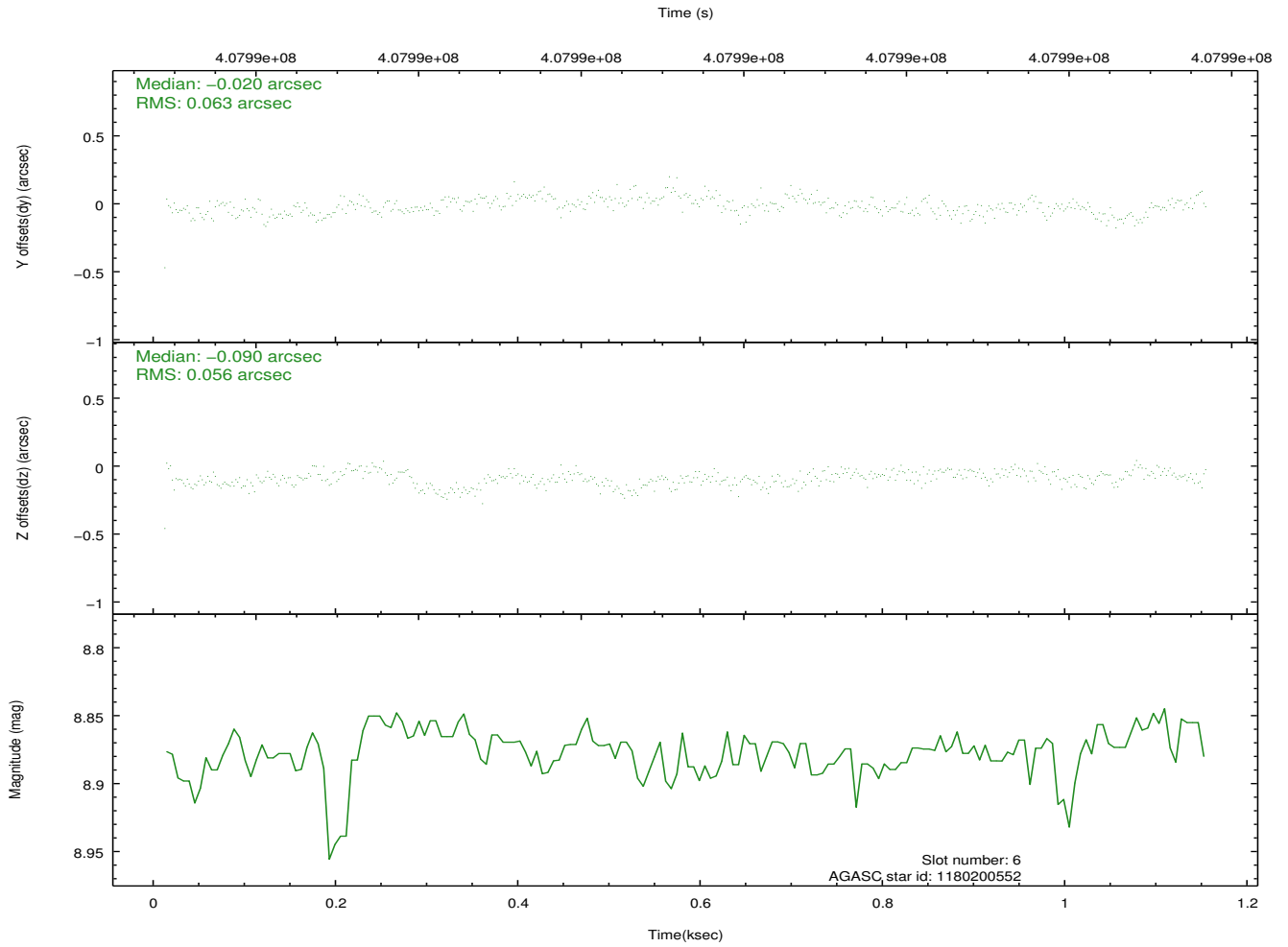
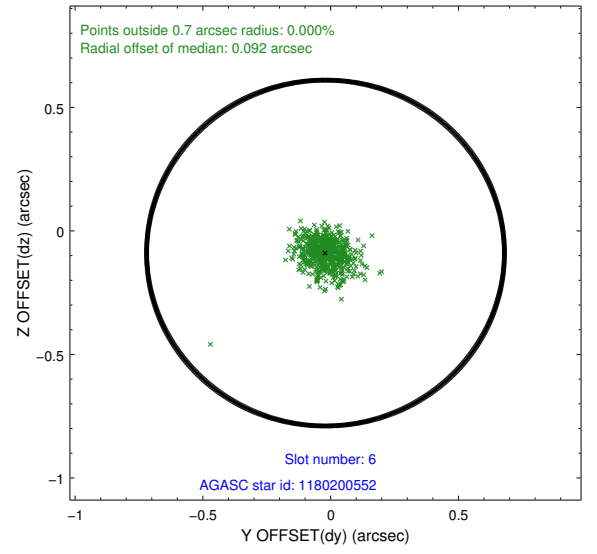
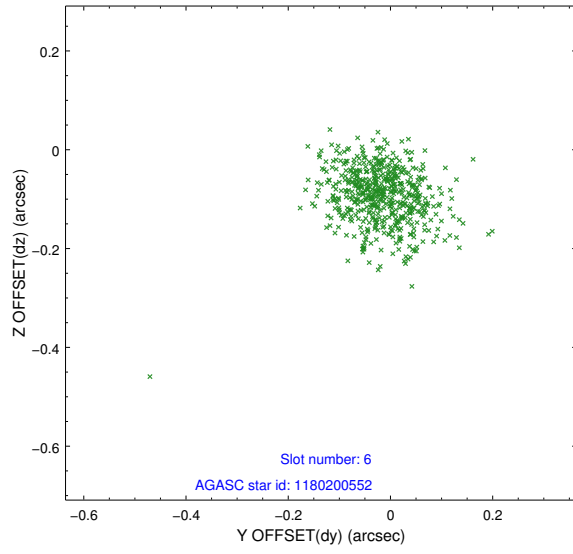
2.4.2 Slot 4



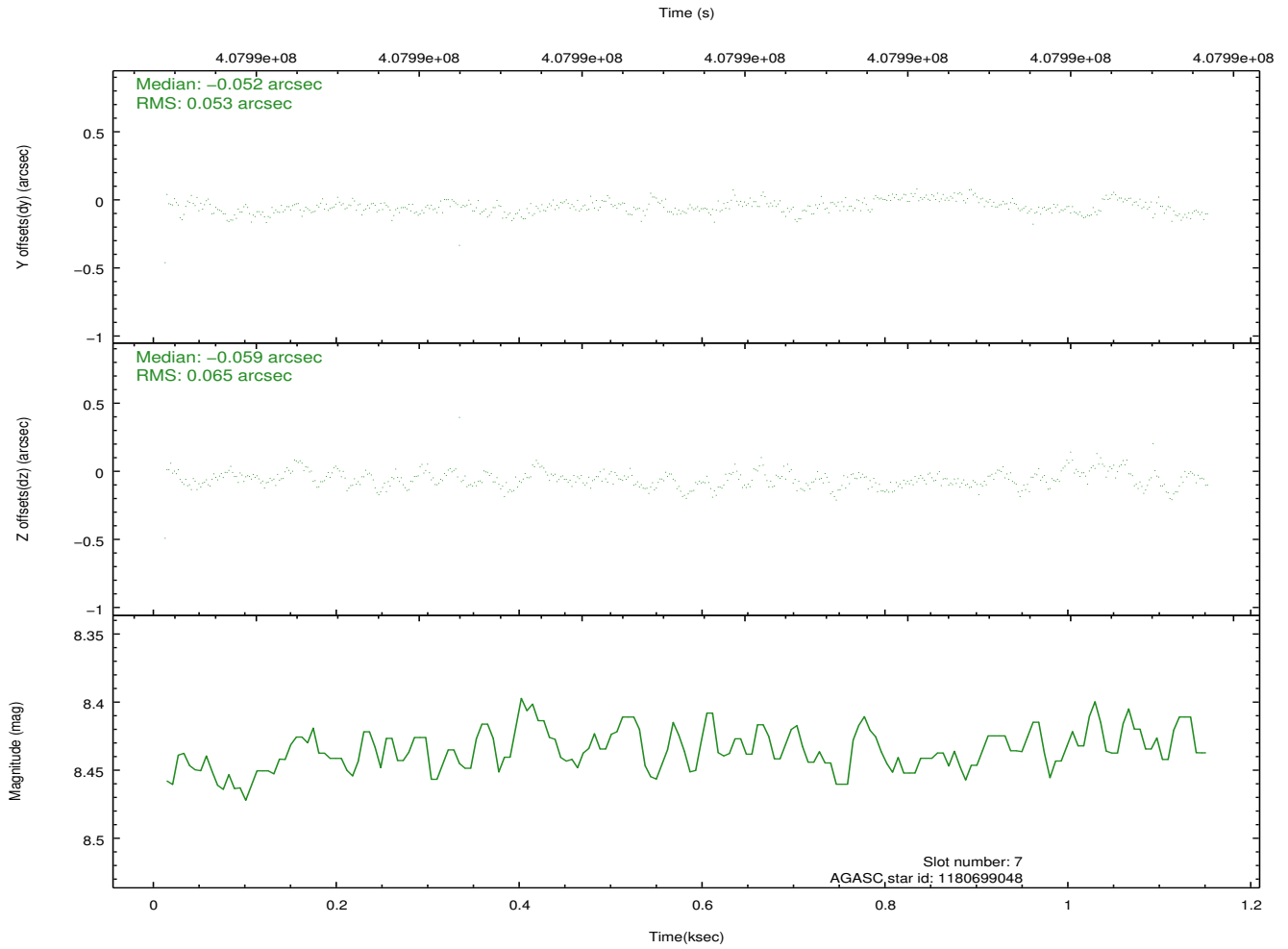
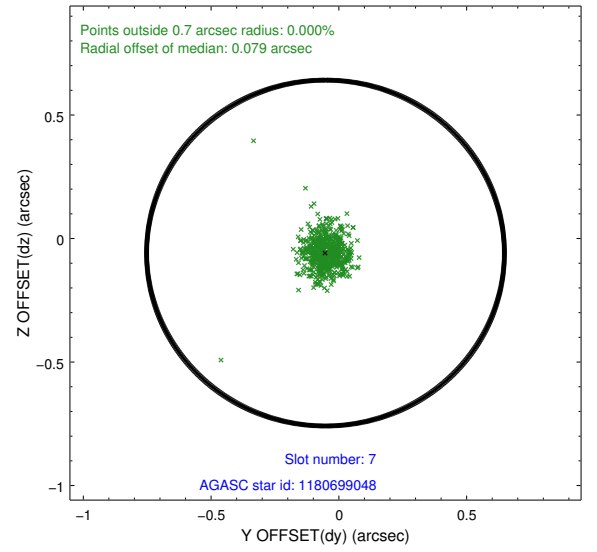
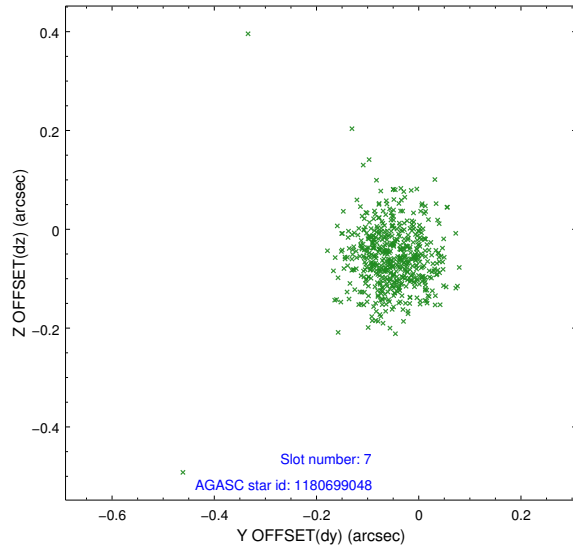
2.4.3 Slot 5



2.4.4 Slot 6

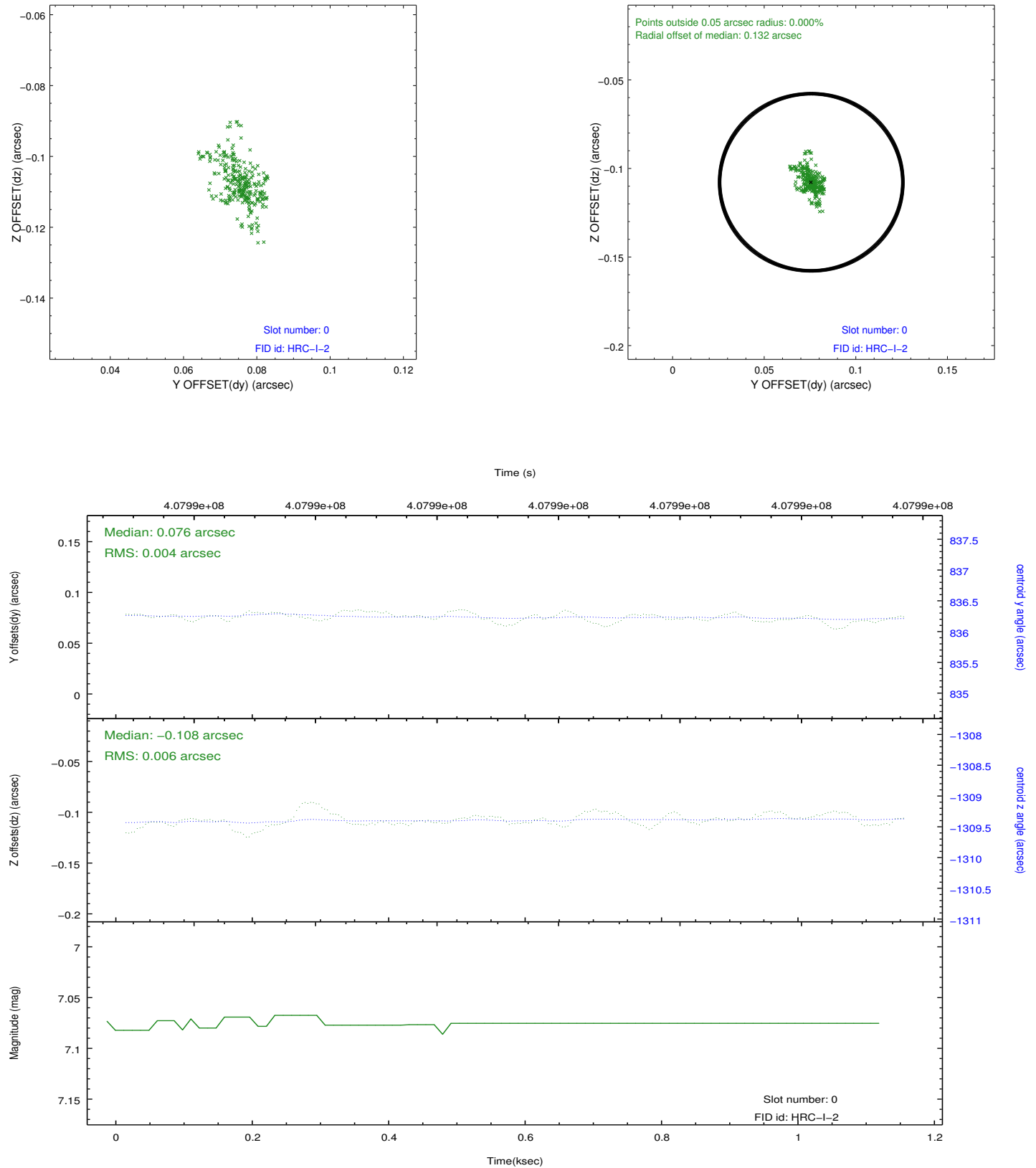


2.4.5 Slot 7

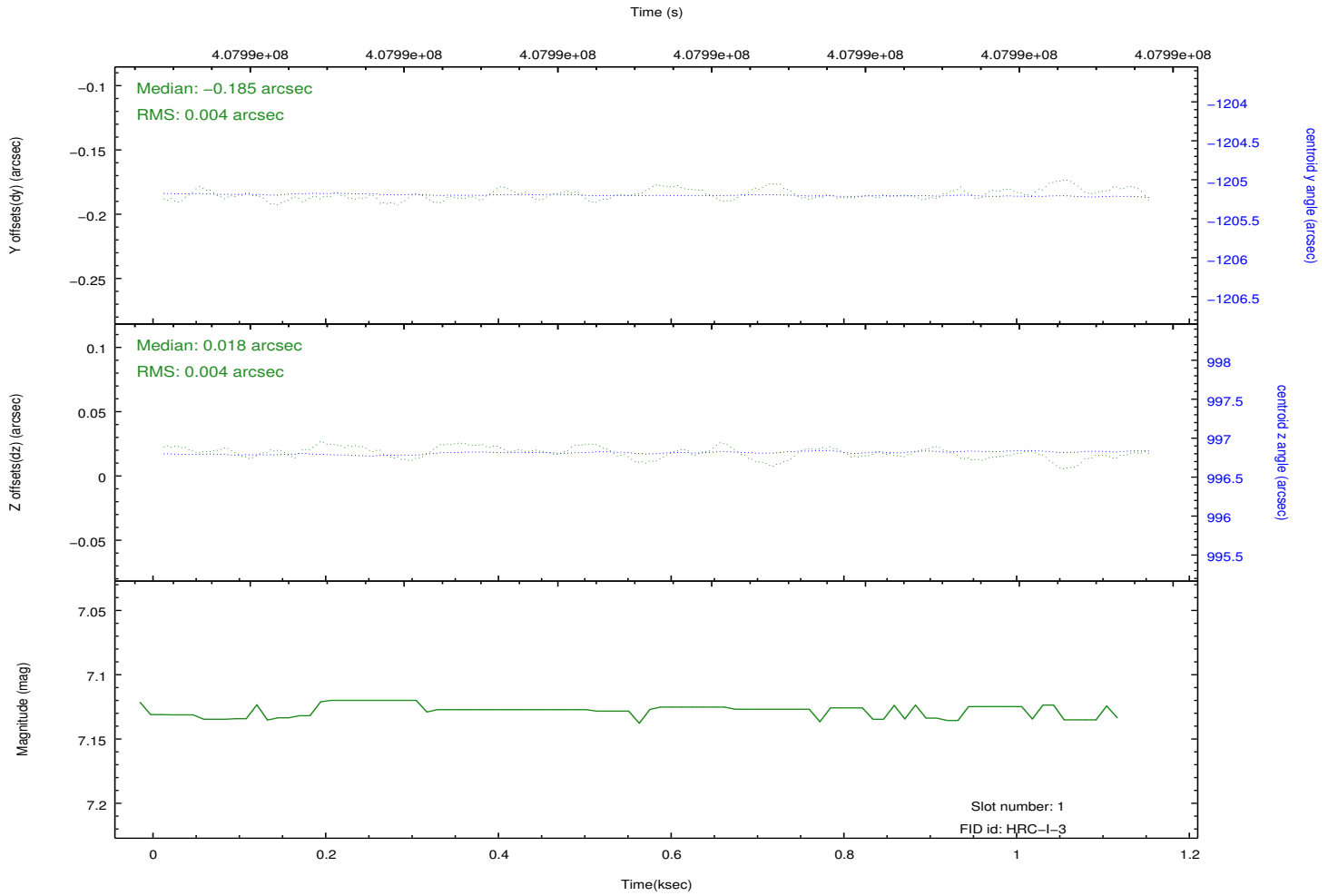
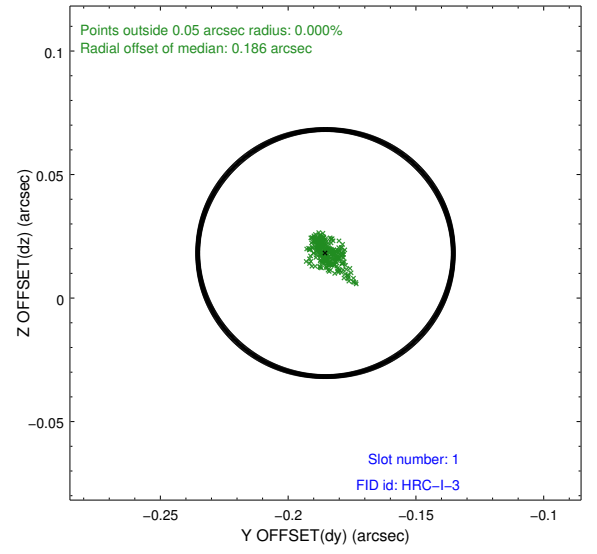
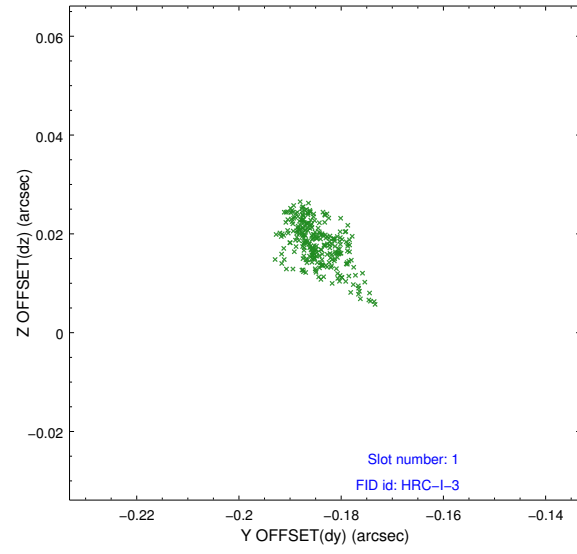


2.5 FID Slots

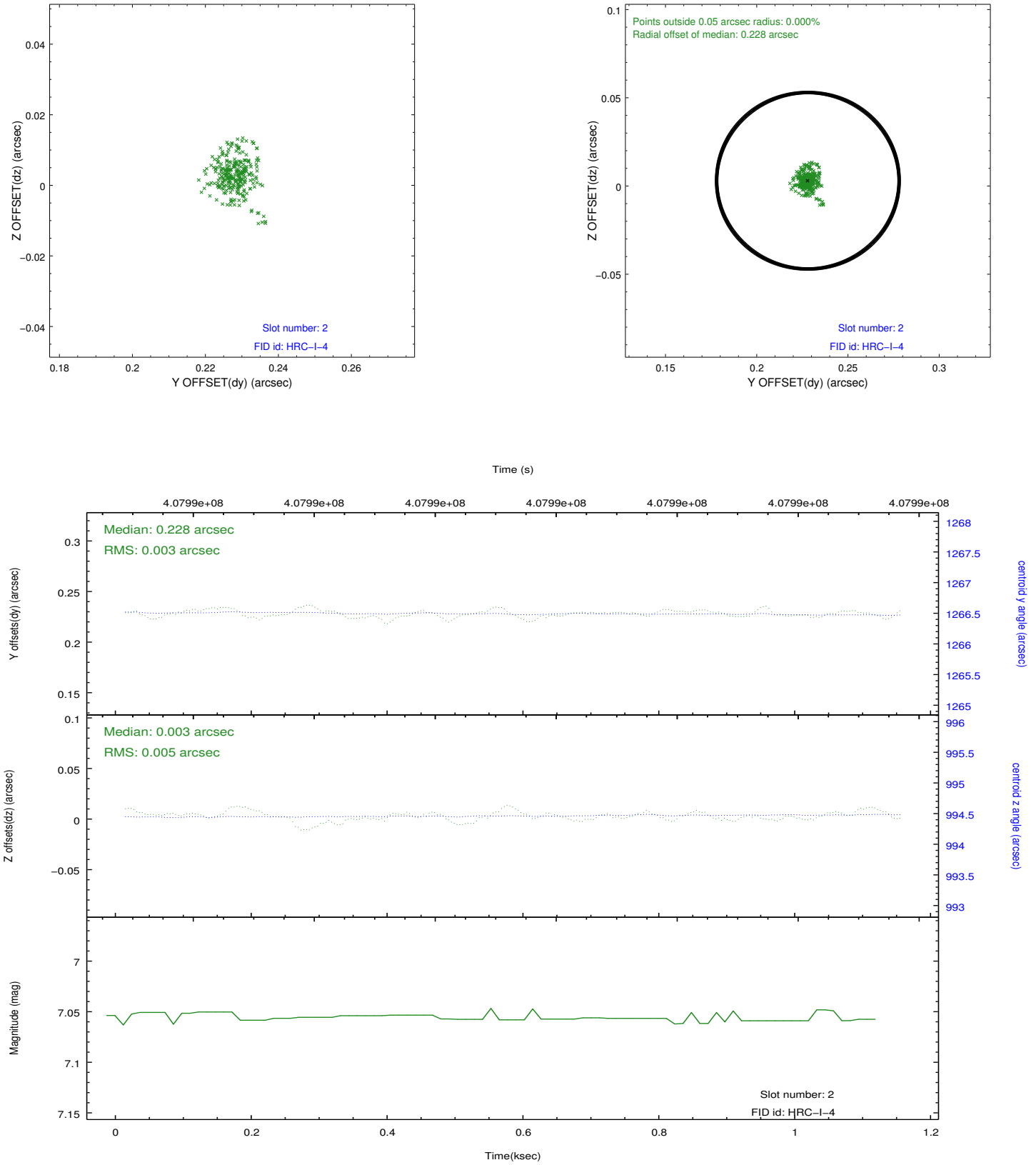
2.5.1 Slot 0



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)	2012.07.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1410813088417

A.2 Comments