

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 7398 - L2 Version 3
Chandra X-Ray Center

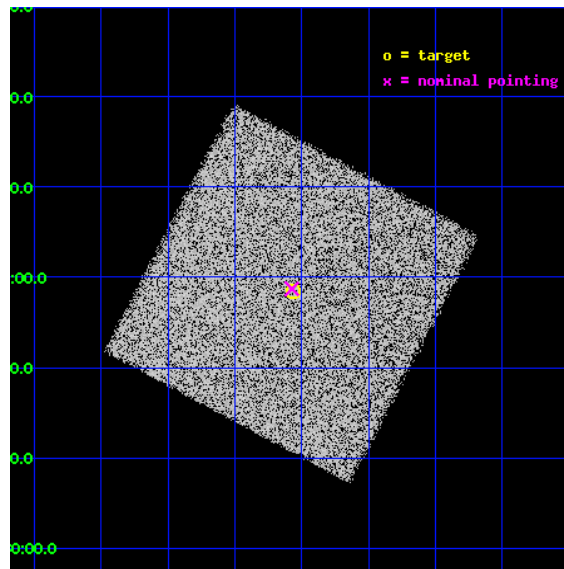
L2 Processing Date : Aug 12 2012

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

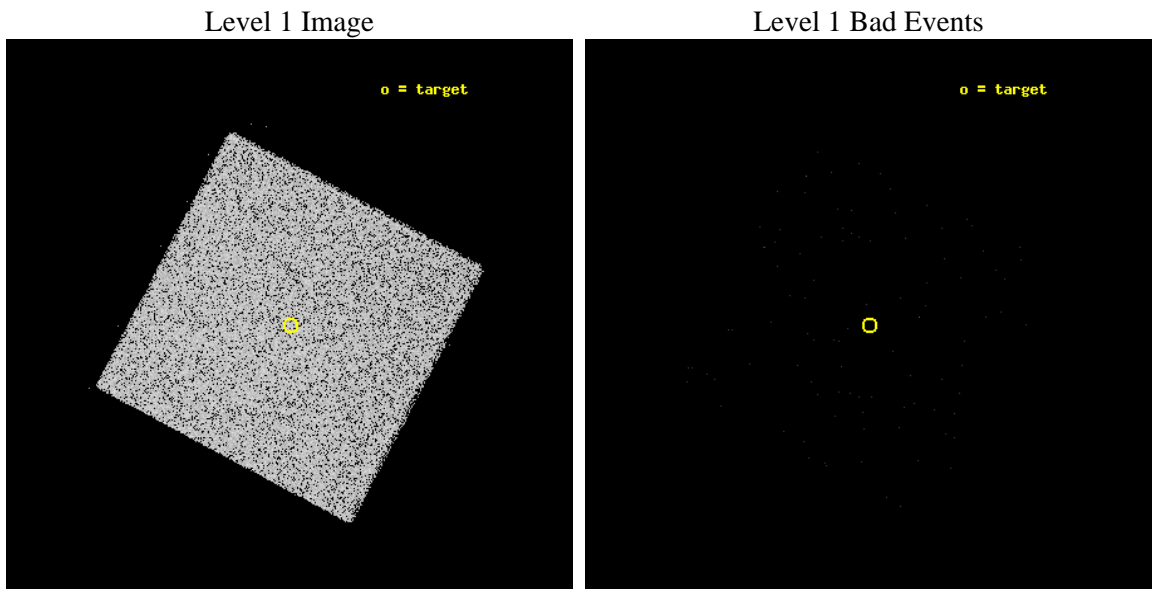
seq_num	400571	Sequence number
obs_id	7398	Observation id
title	Chandra follow-up of weak persistent sources	Proposal title
observer	Prof Mariano Mendez	Principal investigator
object	IGR J18490-0000	Source name
ra_targ	282.266667	Observer's specified target RA [deg]
dec_targ	-0.025	Observer's specified target Dec [deg]
ra_nom	282.26865298457	Nominal RA [deg]
dec_nom	-0.021394269462045	Nominal Dec [deg]
roll_nom	72.965128543219	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1186.1813076138	[s]
livetime	1174.2348310947	Ontime multiplied by DTCOR
l2events	70025	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1186.1813076138	[s]
caldbver	4.5.1.1	 	l1events	140096	Number of level 1 events
date	2012-08-12T10:14:53	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

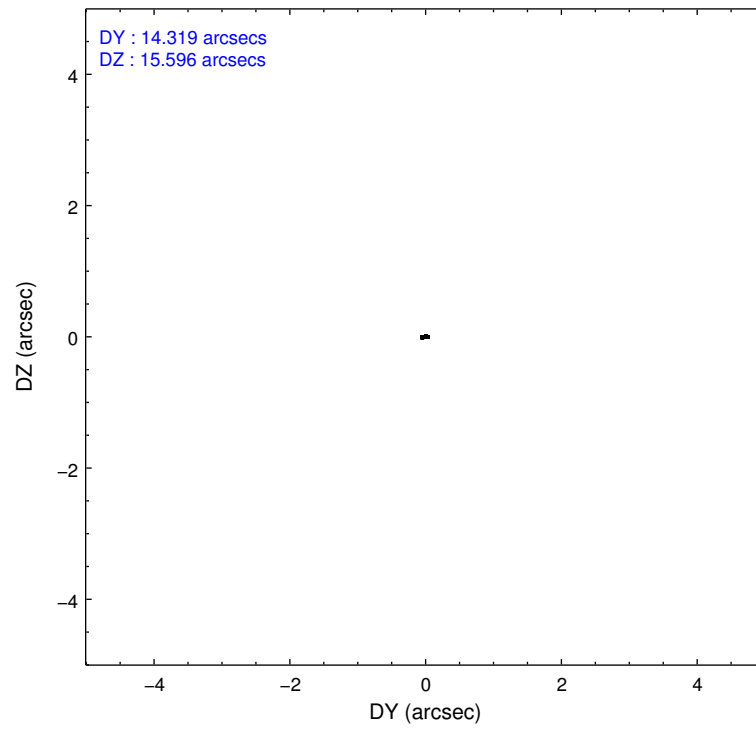
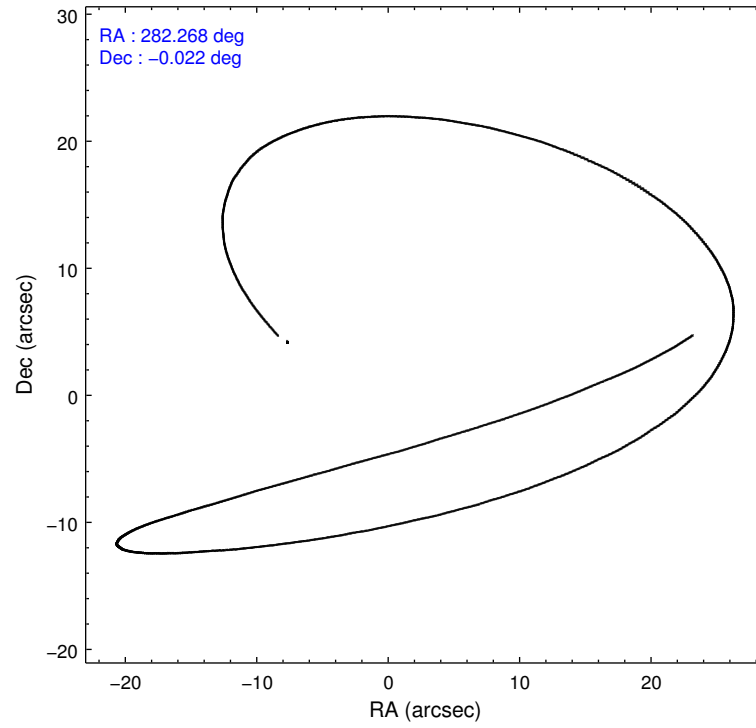
Level 1 Events

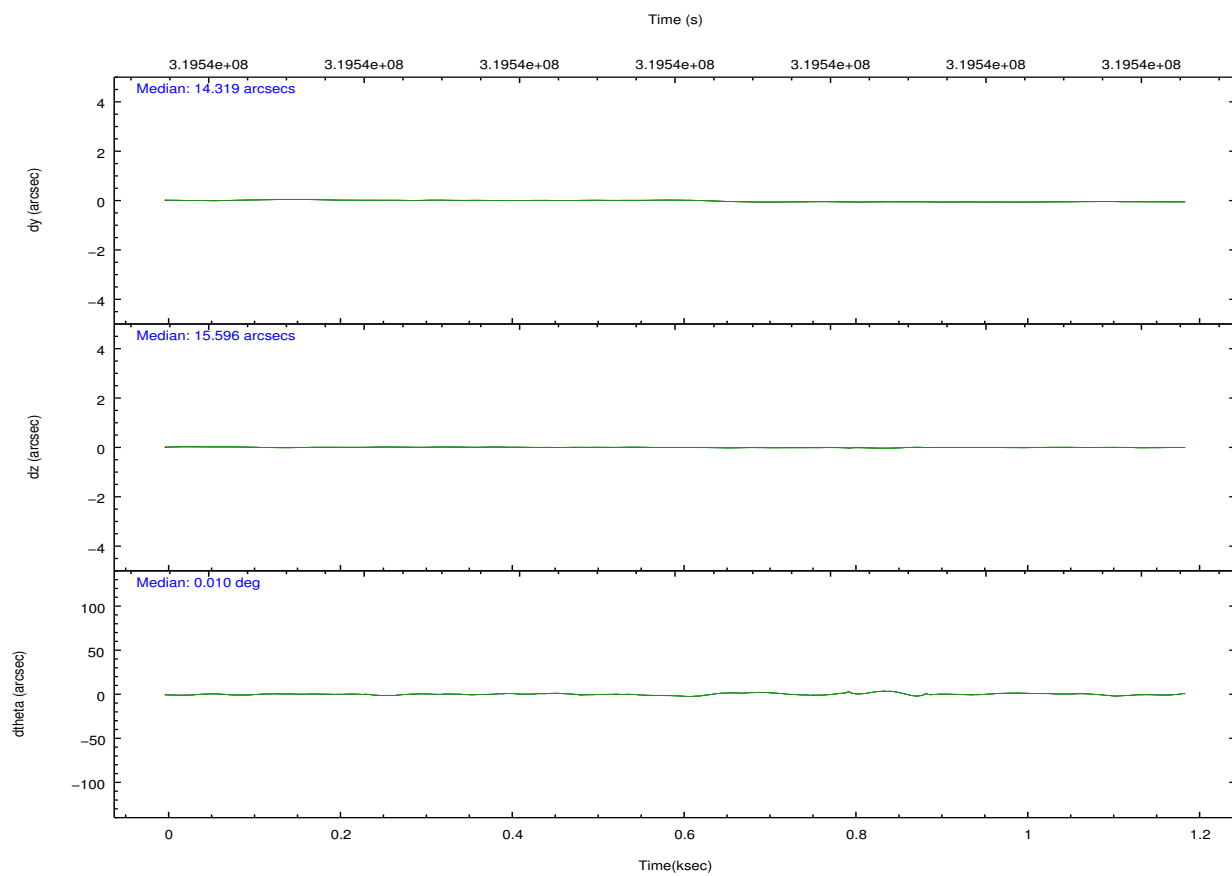
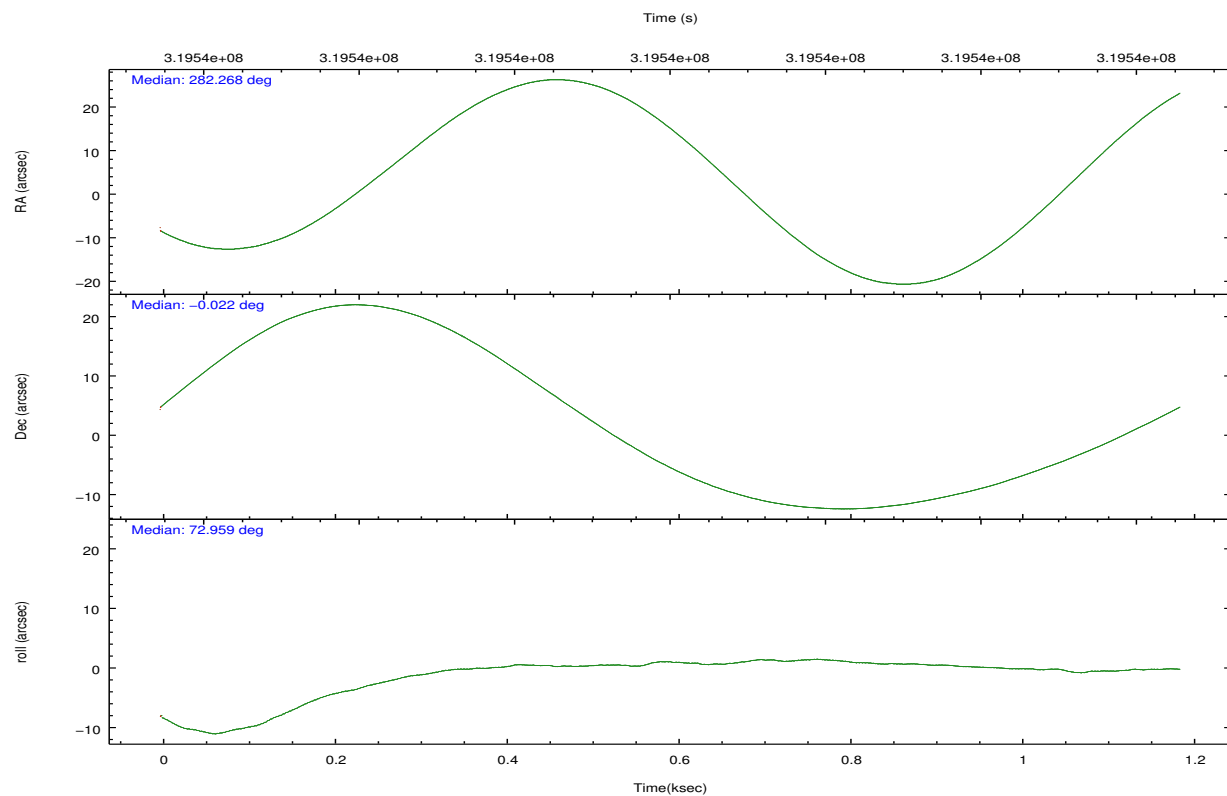
	segment 0
level 1 events	140096
rejected events	37284
rejected %	26%

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	282.276021	282.2686529845721			
[deg] Pointing Dec	-0.048057	-0.02139426946204477			
[deg] Pointing Roll	73.060687	72.96512854321948			
[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)	319539992.184000	319539403.33465			
Observation start date	2008-02-16T09:05:27	2008-02-16T08:56:43			
[s] Observation end time (MET)	319540992.184000	319541472.29725			
Observation end date	2008-02-16T09:22:07	2008-02-16T09:31:12			

2.3 Aspect



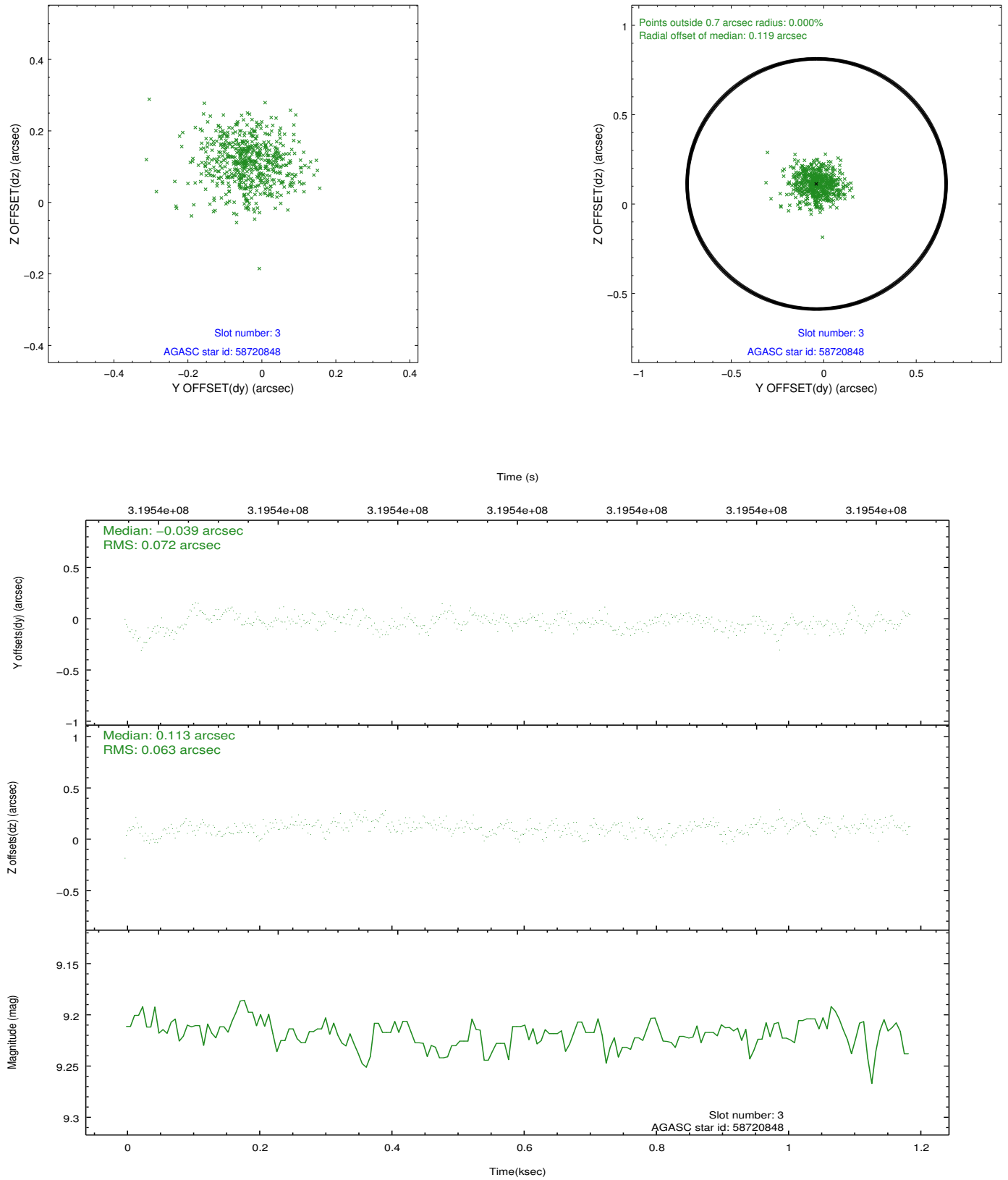


Slot Statistics

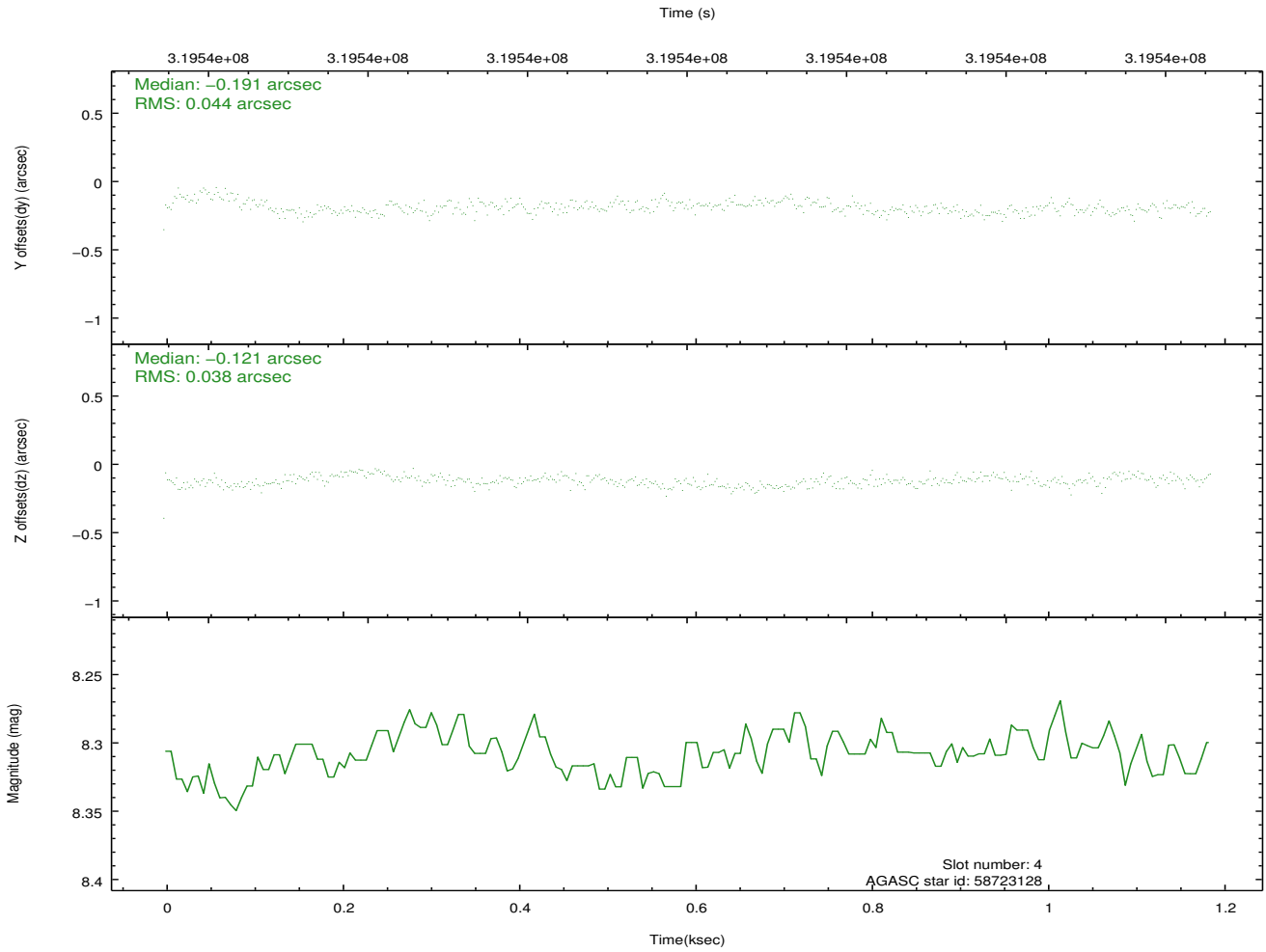
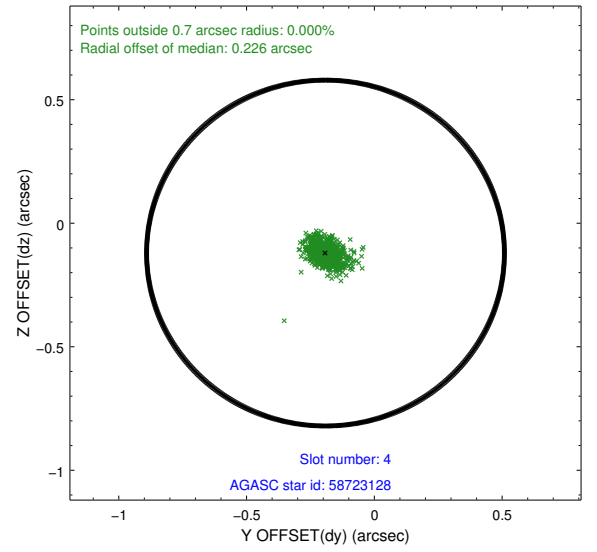
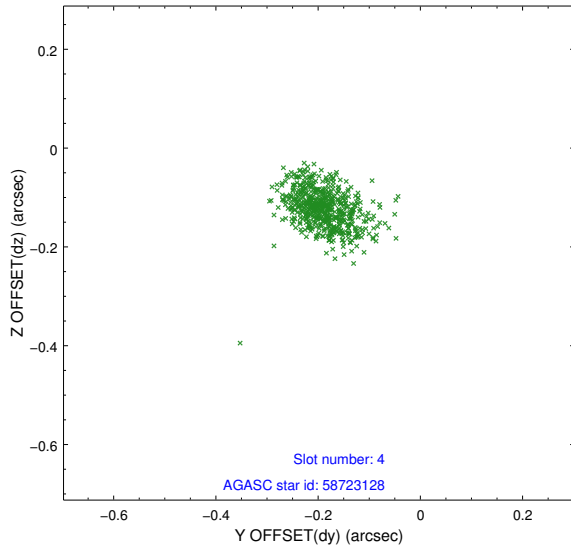
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.97	290	-0.114	-0.041	0.006	0.012	0.000000	0.000000	-770.22	-1303.72
1	FID	HRC-I-2	7.01	290	0.184	-0.040	0.009	0.018	0.000000	0.000000	840.05	-1309.81
2	FID	HRC-I-4	6.99	290	0.046	-0.010	0.007	0.013	0.000000	0.000000	1275.67	993.93
3	GUIDE	58720848	9.22	579	-0.039	0.113	0.102	0.166	282.753905	0.246323	1515.16	-1339.18
4	GUIDE	58723128	8.31	580	-0.191	-0.121	0.060	0.102	282.171155	0.522968	1858.70	955.11
5	GUIDE	670303584	7.53	580	-0.039	0.225	0.062	0.097	282.662062	-0.360708	-668.29	-1658.25
6	GUIDE	670309216	9.38	577	0.171	-0.180	0.107	0.179	282.086973	-0.405754	-1431.23	270.20
7	GUIDE	670309376	8.25	579	0.090	-0.025	0.063	0.107	281.935099	-0.236180	-1007.66	974.91

2.4 Star Slots

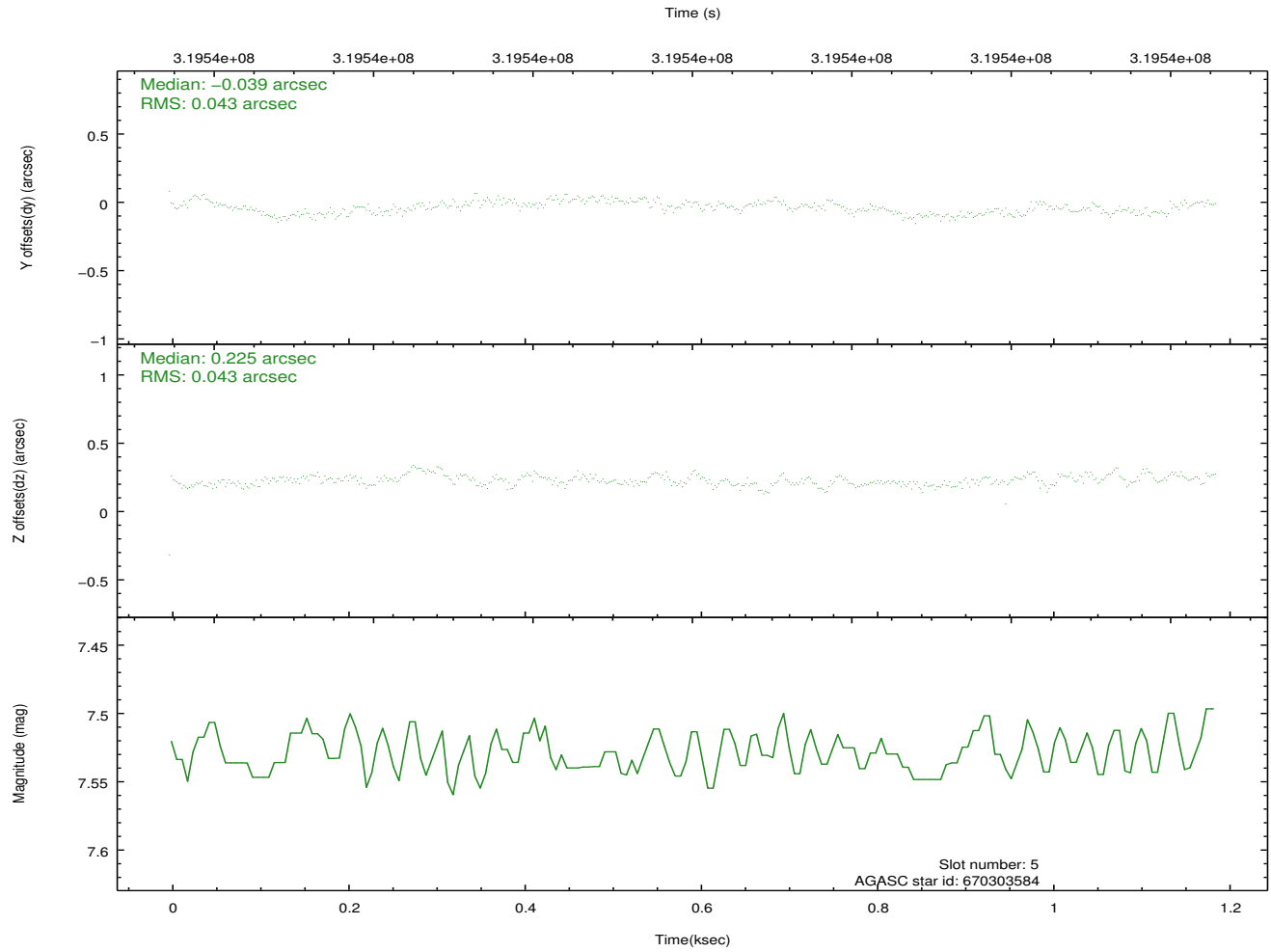
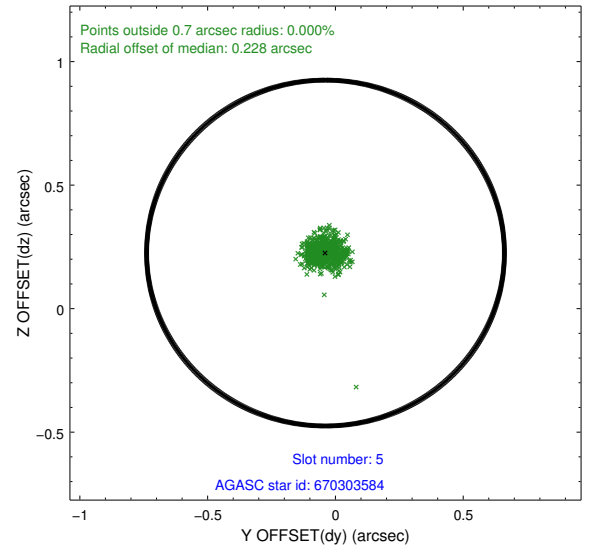
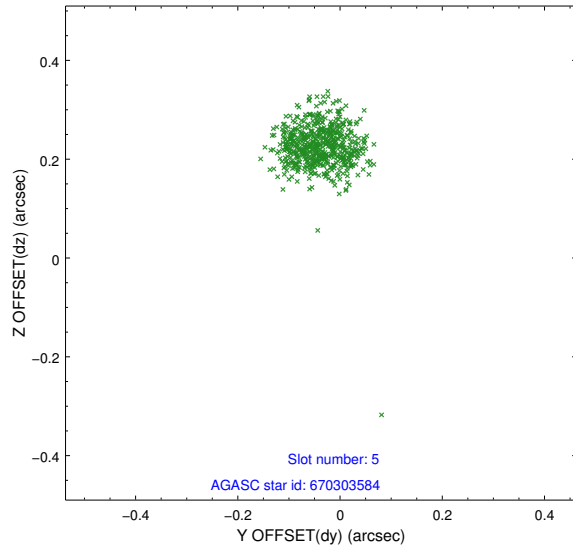
2.4.1 Slot 3



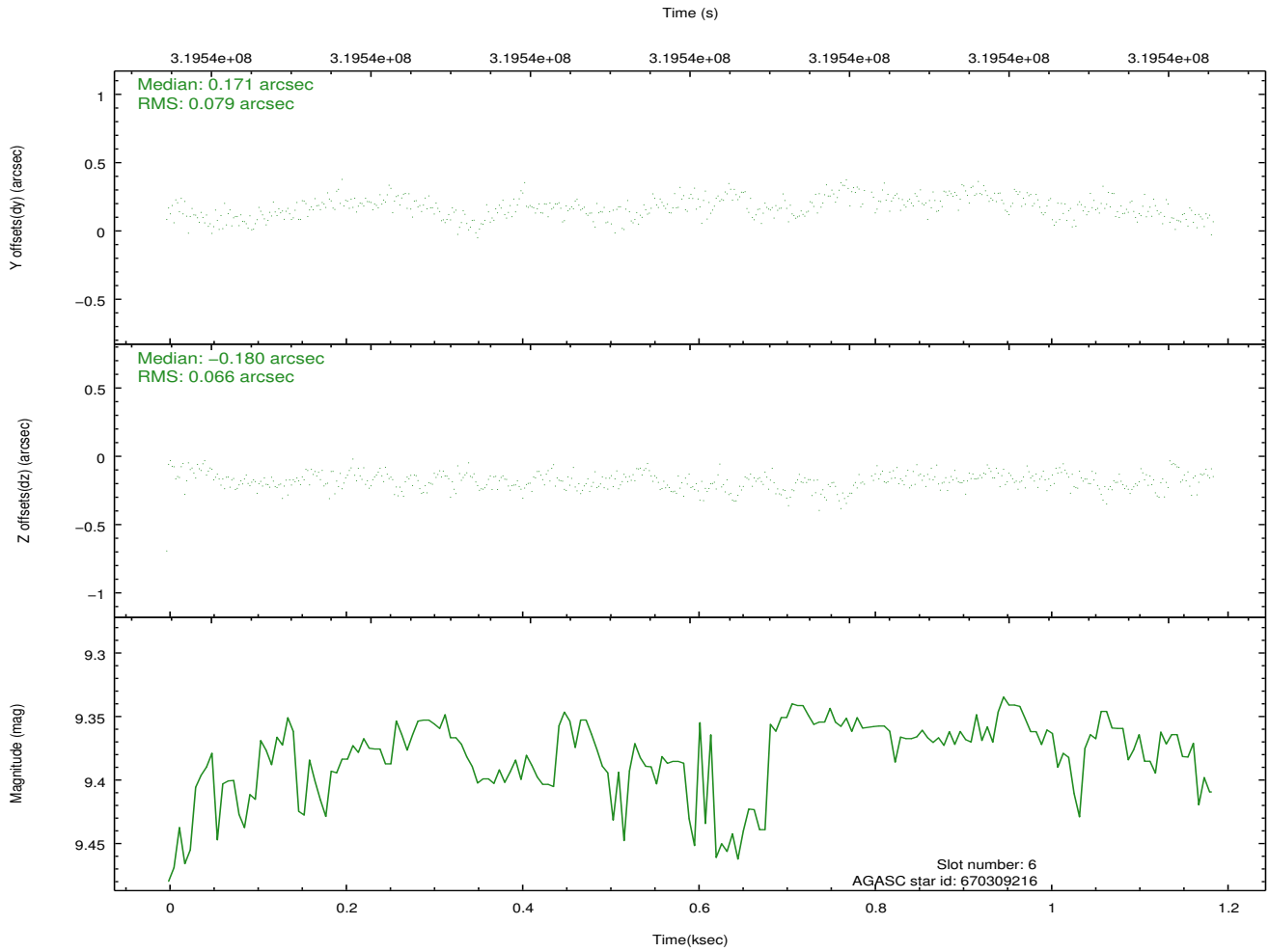
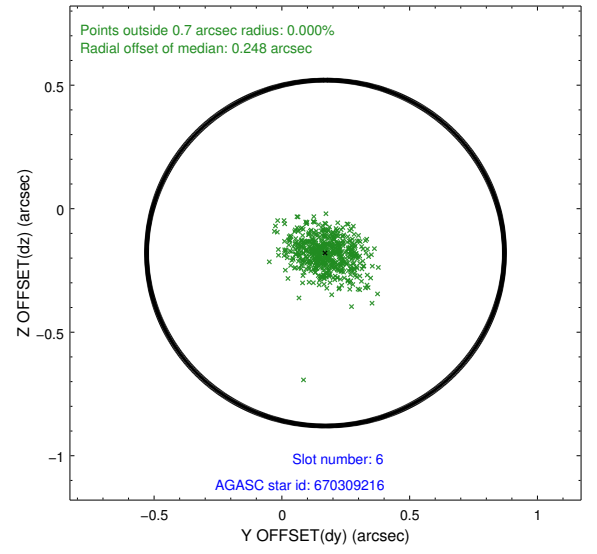
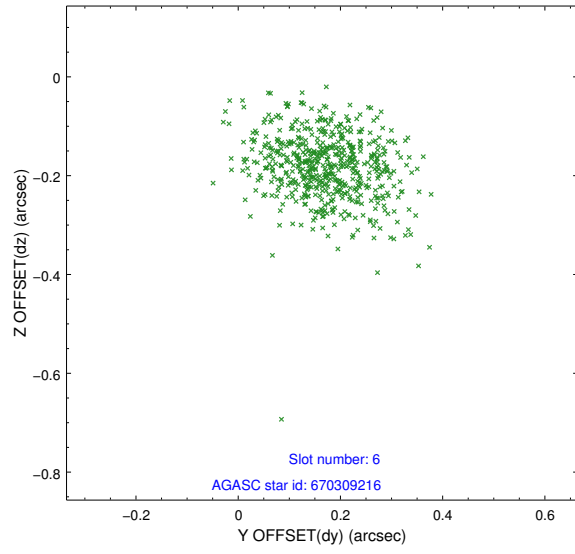
2.4.2 Slot 4



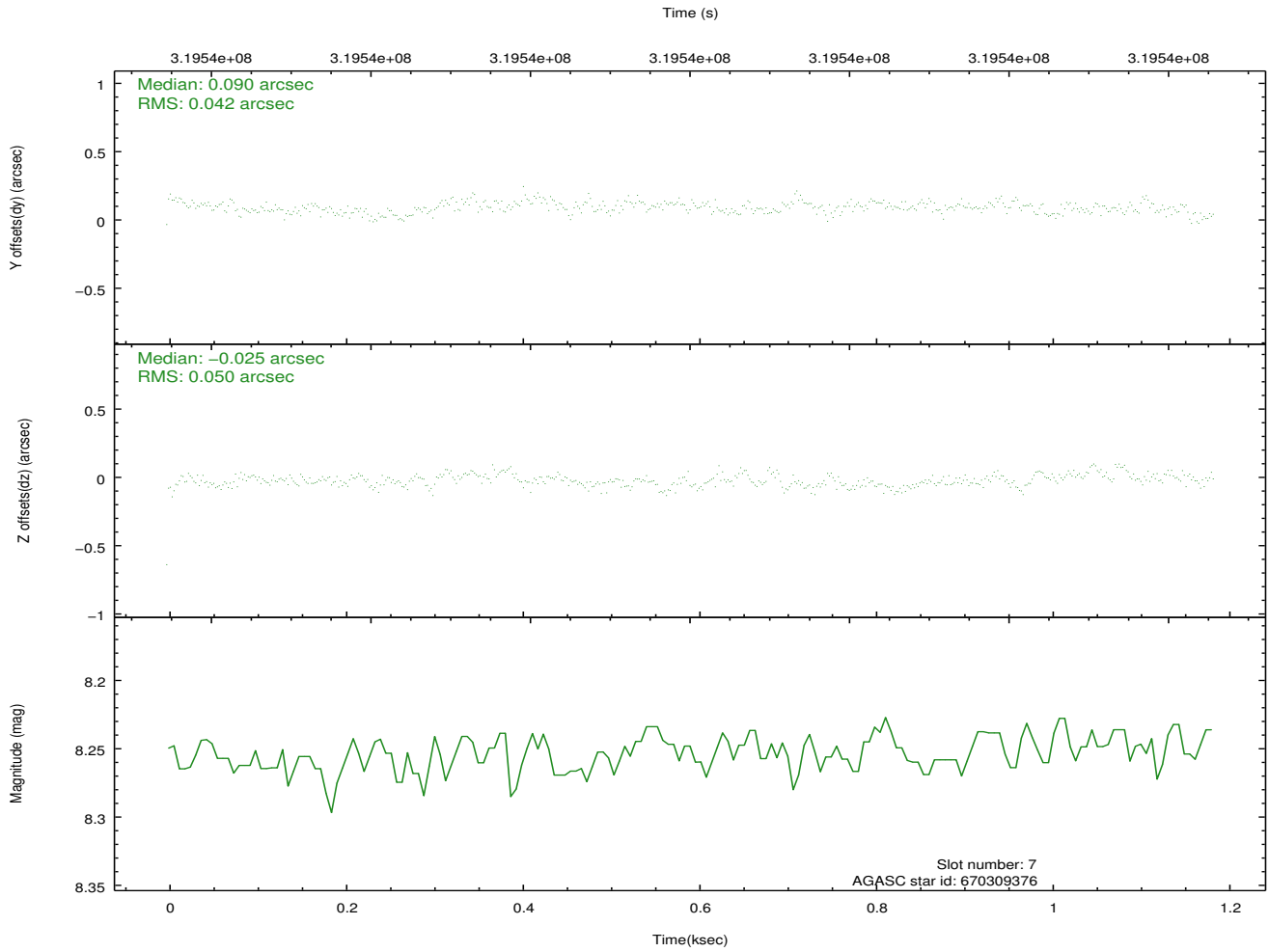
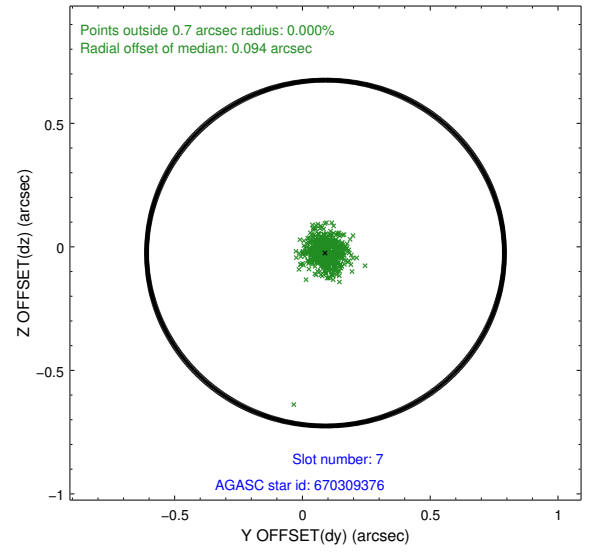
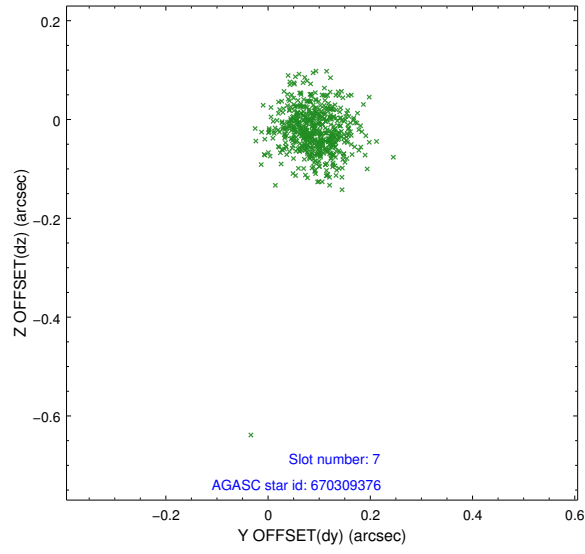
2.4.3 Slot 5



2.4.4 Slot 6

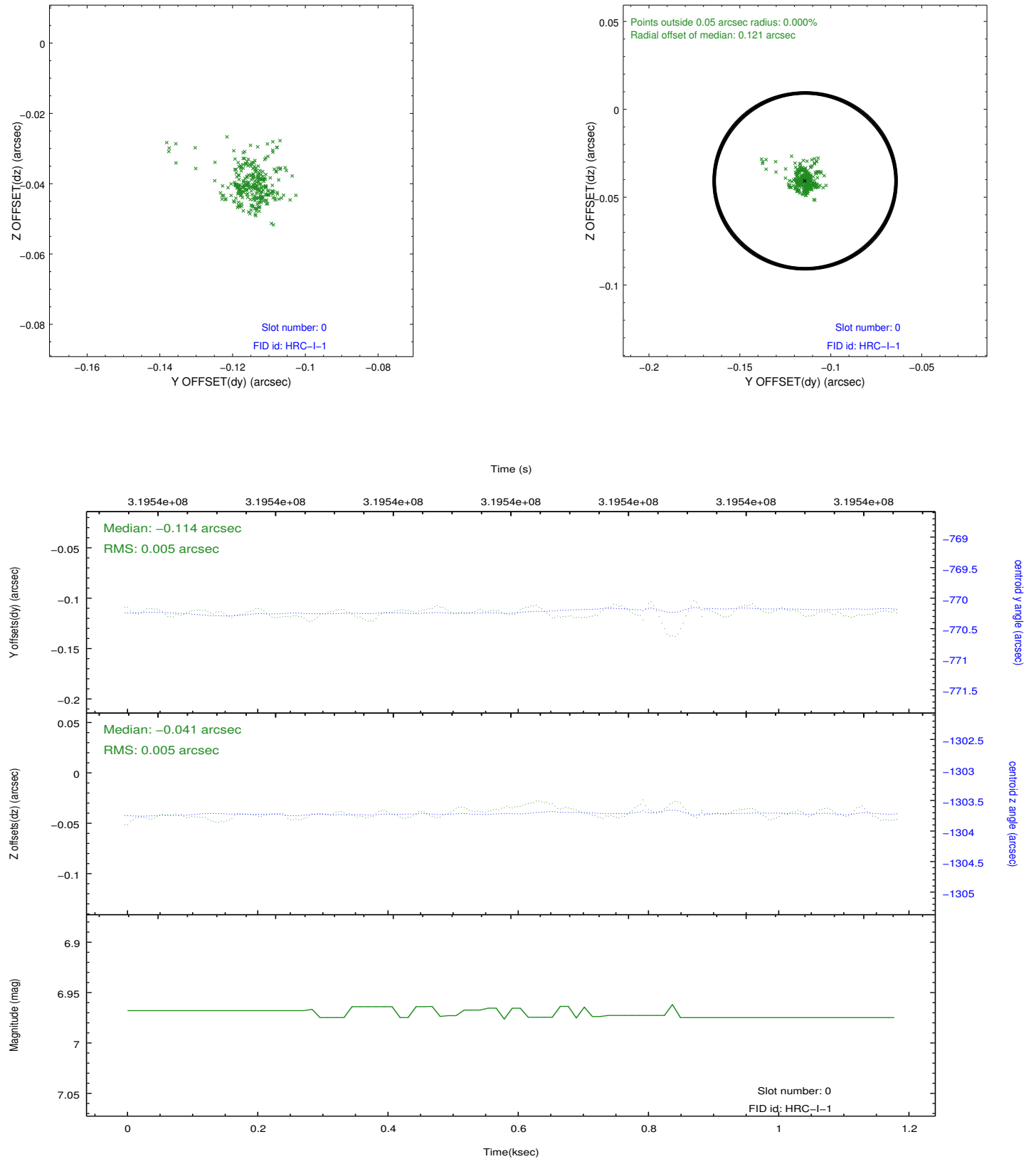


2.4.5 Slot 7

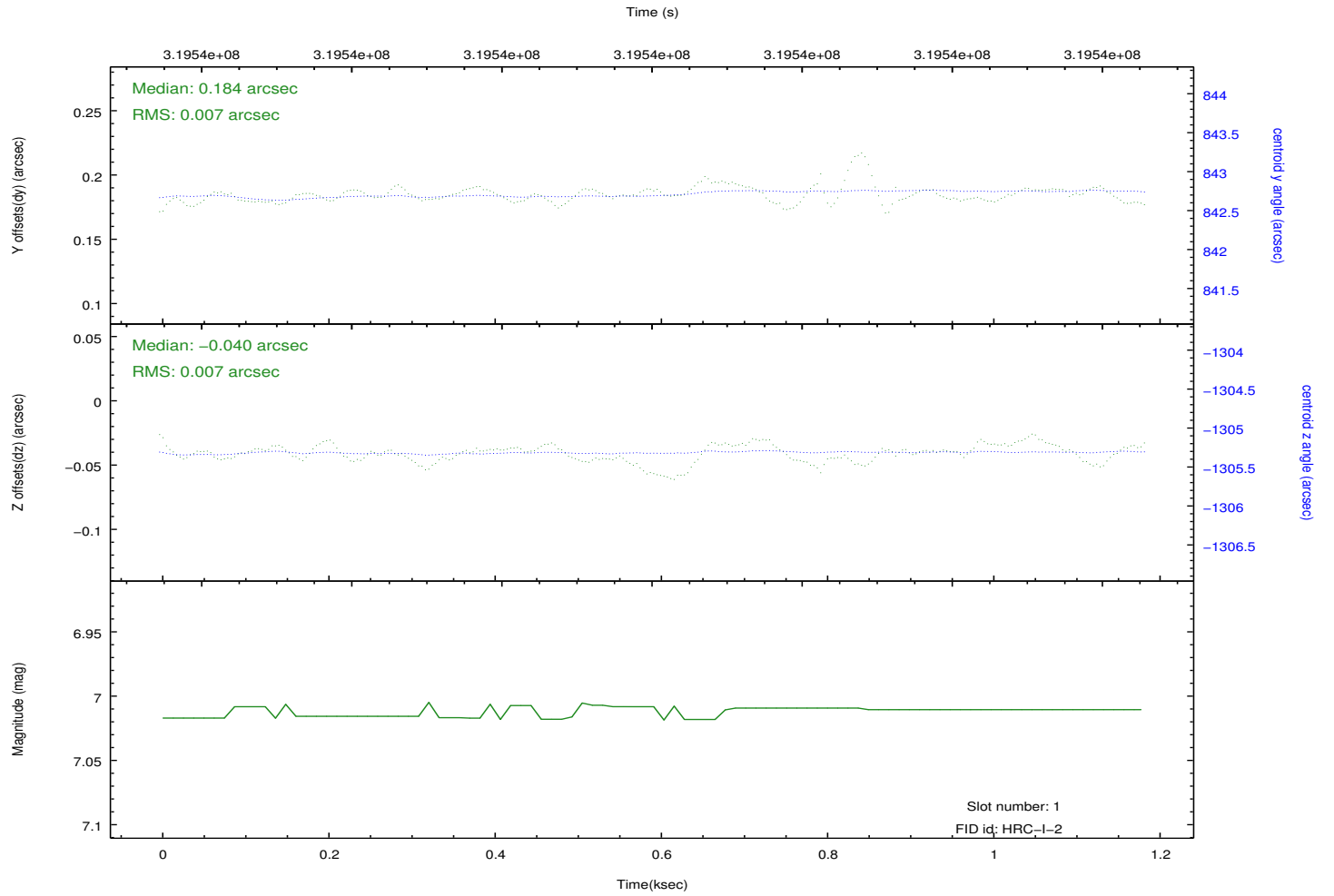
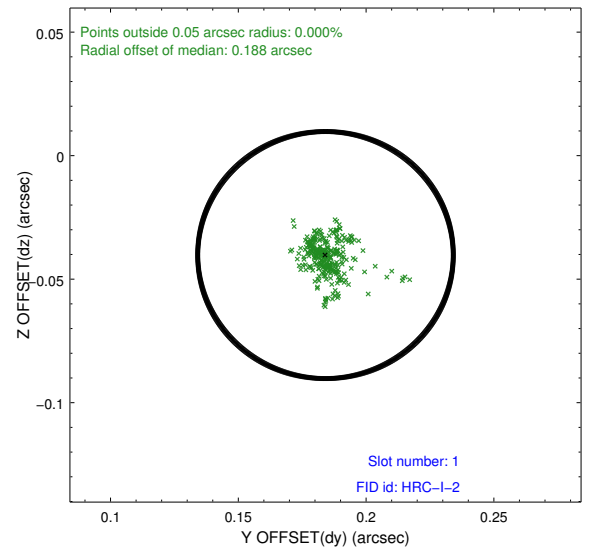
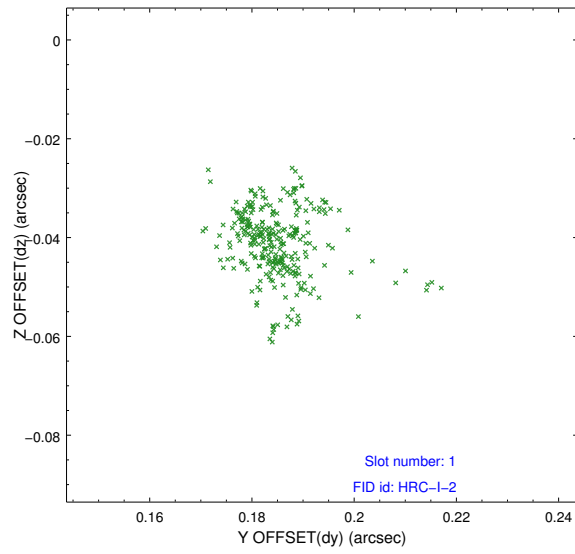


2.5 FID Slots

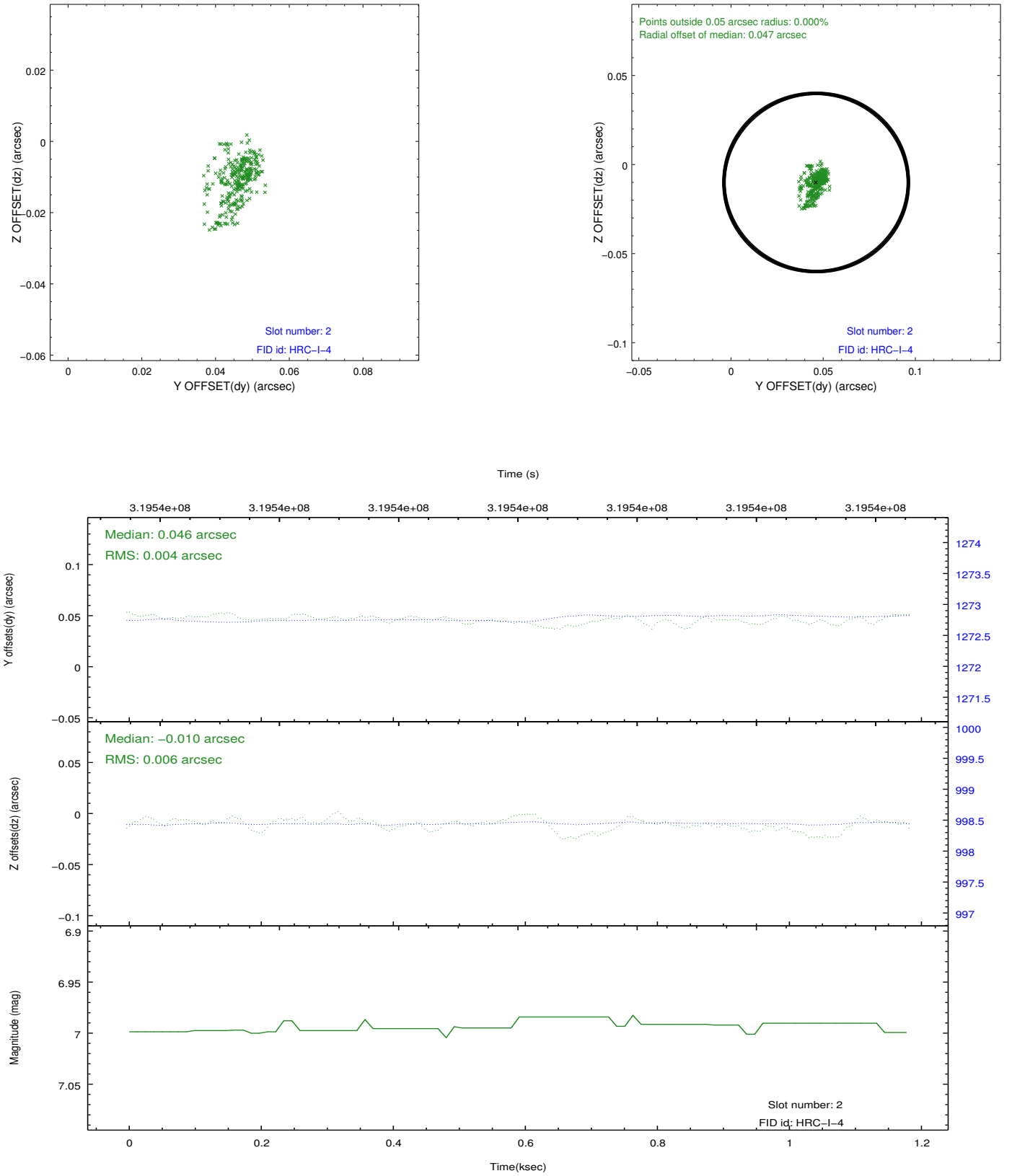
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.08.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813

A.2 Comments