

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2706 - L2 Version 4
Chandra X-Ray Center

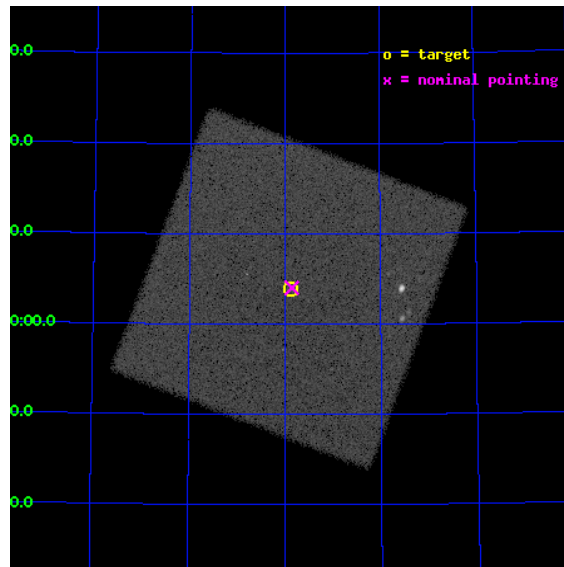
L2 Processing Date : Oct 1 2012

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

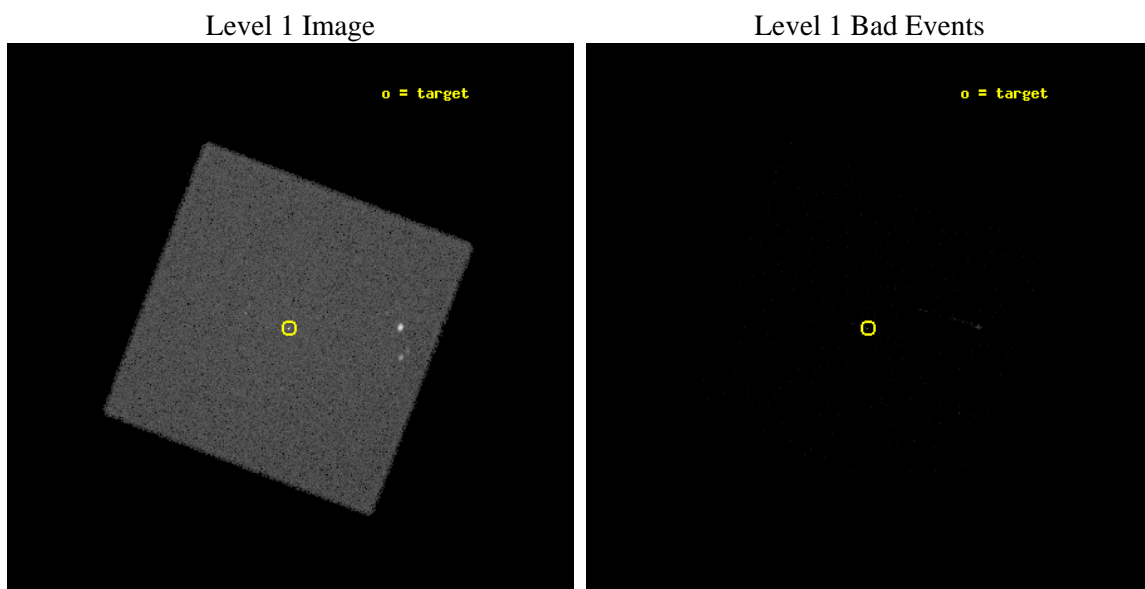
seq_num	400186	Sequence number
obs_id	2706	Observation id
title	AN ULTRALUMINOUS BINARY IN A HORSESHOE NEBULA?	Proposal title
observer	Dr. Patrick Slane	Principal investigator
object	1E0953.8+6918	Source name
ra_targ	149.470833	Observer's specified target RA [deg]
dec_targ	69.064167	Observer's specified target Dec [deg]
ra_nom	149.46343045671	Nominal RA [deg]
dec_nom	69.067303118884	Nominal Dec [deg]
roll_nom	155.85663747763	Nominal Roll [deg]
revision	4	Processing version of data
ontime	7180.1252892762	[s]
livetime	7141.5052094828	Ontime multiplied by DTCOR
l2events	203158	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	7000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	7180.1252892762	[s]
caldbver	4.5.2	 	l1events	326745	Number of level 1 events
date	2012-10-01T03:41:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

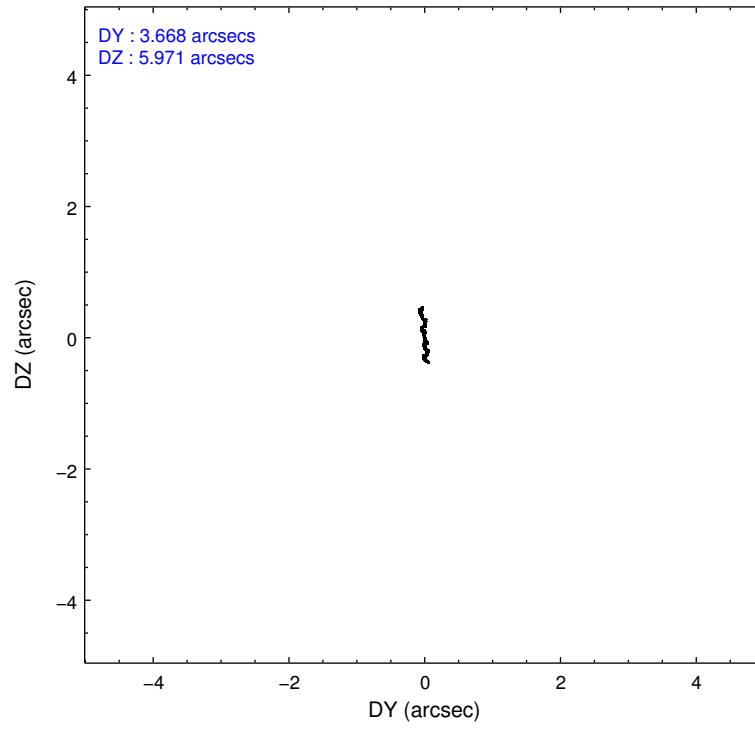
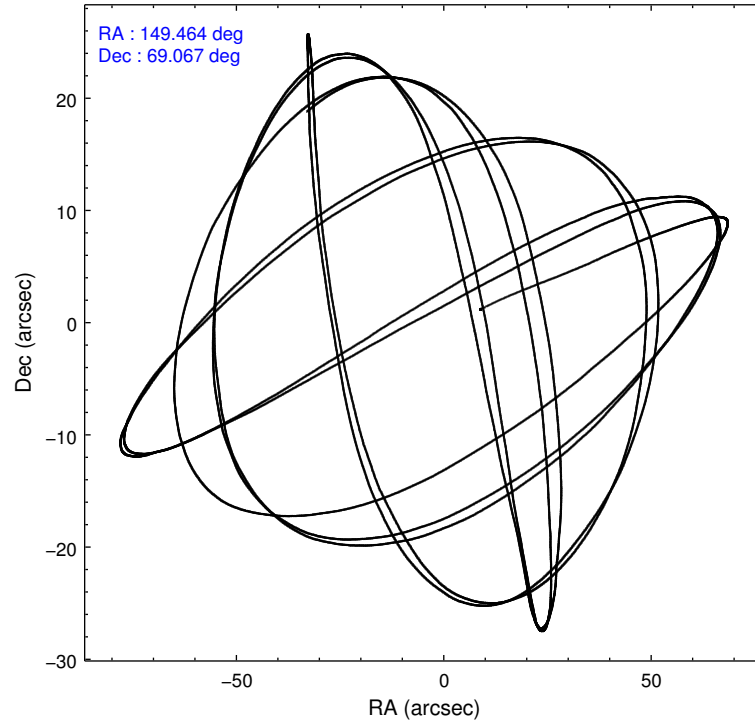
	segment 0
level 1 events	326745
rejected events	25196
rejected %	7%

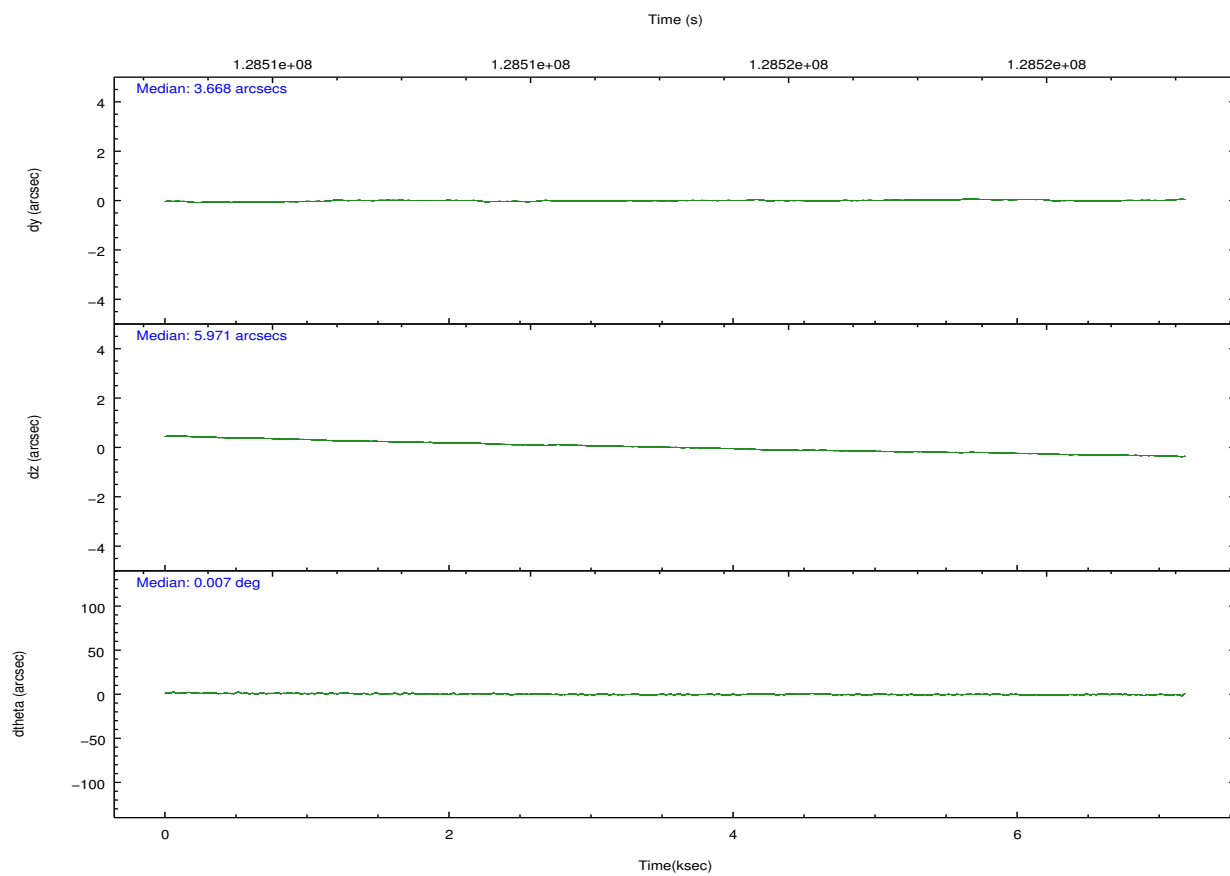
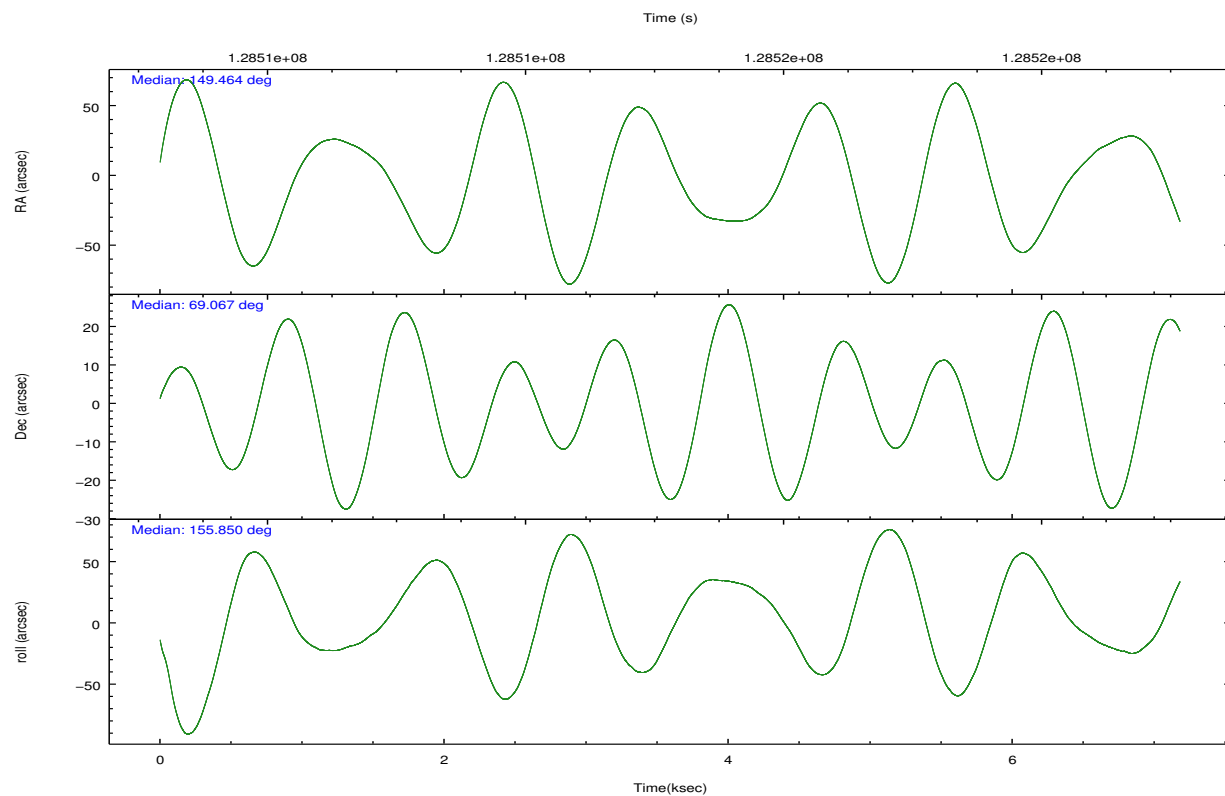
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	149.538129	149.4634304567148
[deg] Pointing Dec	69.070565	69.06730311888354
[deg] Pointing Roll	155.882365	155.8566374776331
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9854943052878
[mm] SIM translation stage offset	0	-5.413686238853188e-06
[s] Observation start time (MET)	128511710.184000	128511046.25359
Observation start date	2002-01-27T09:40:46	2002-01-27T09:30:46
[s] Observation end time (MET)	128518710.184000	128518844.45391
Observation end date	2002-01-27T11:37:26	2002-01-27T11:40:44

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



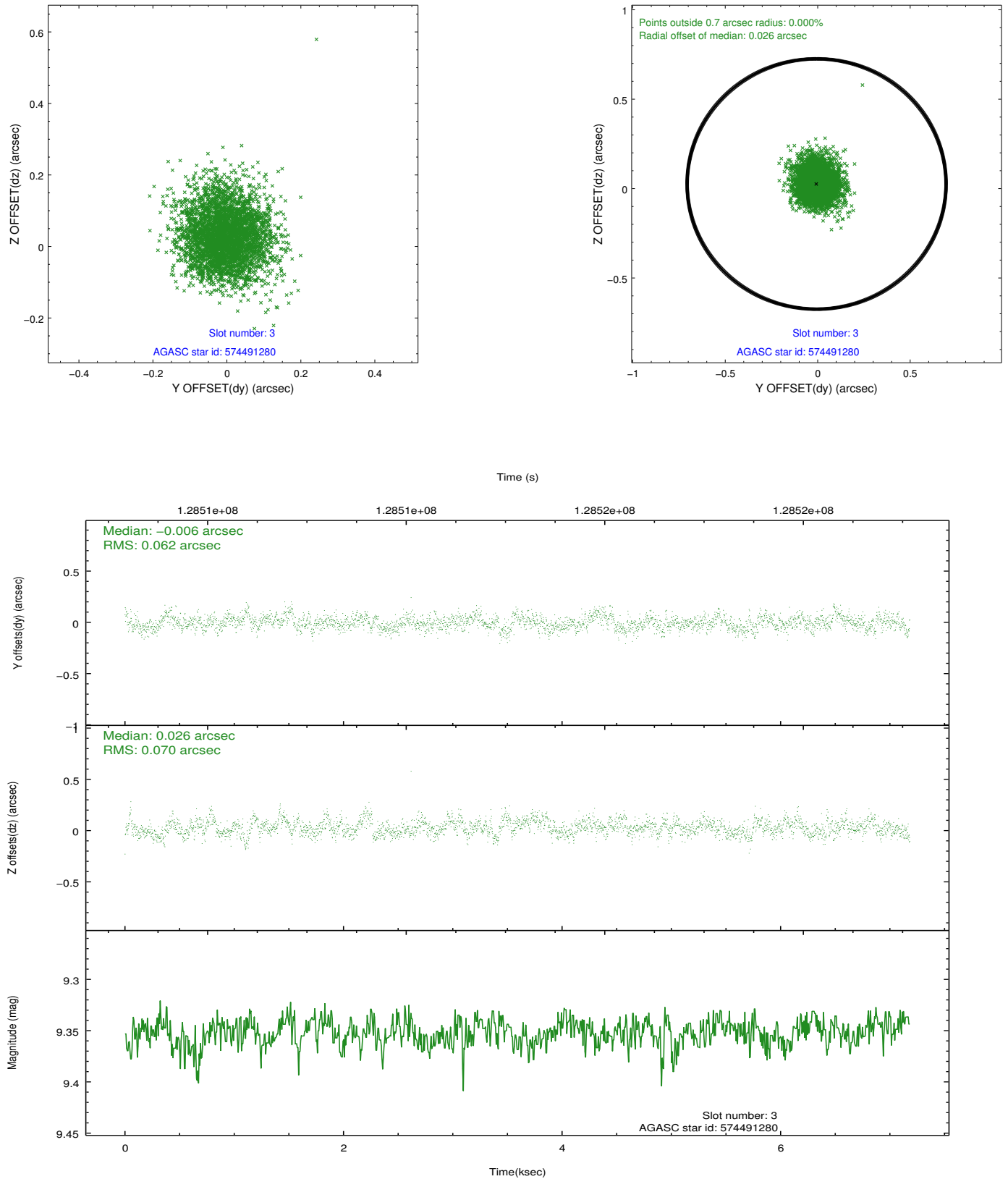


Slot Statistics

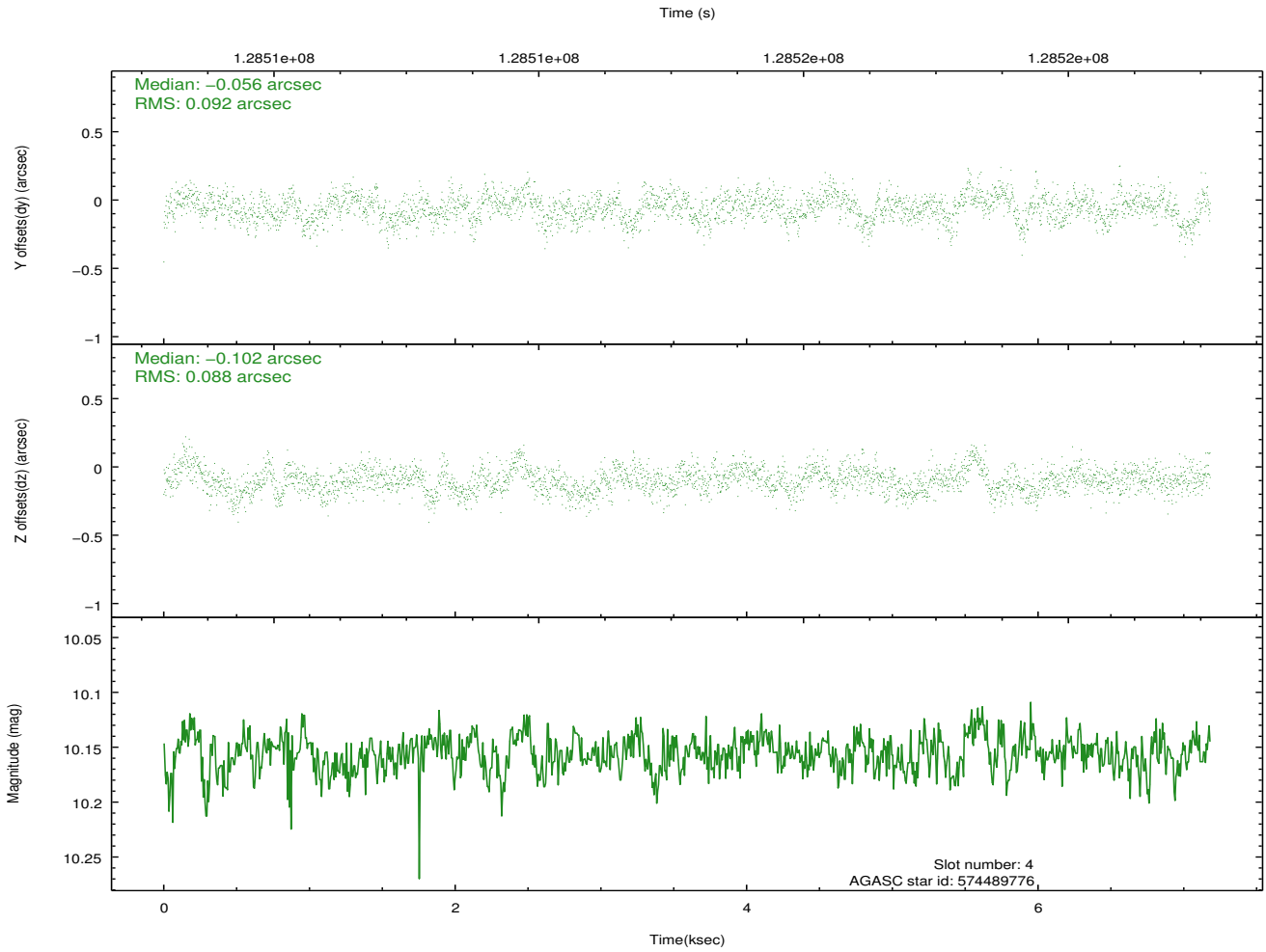
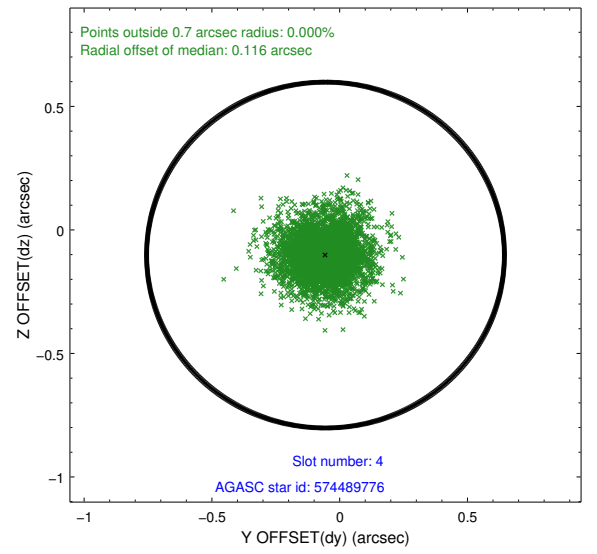
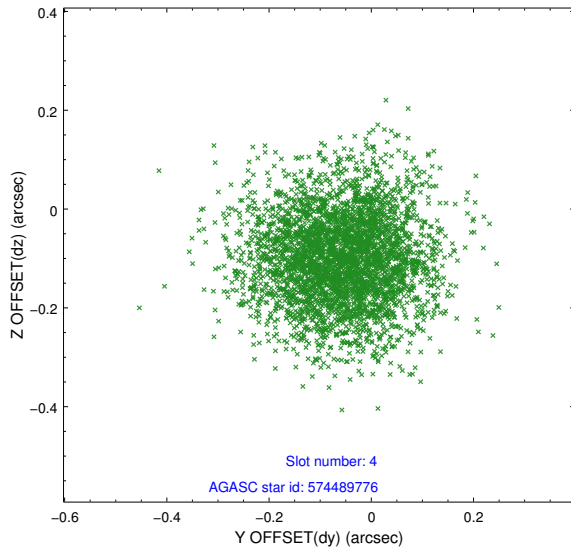
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	1752	0.010	0.029	0.007	0.013	0.000000	0.000000	-759.11	-1293.85
1	FID	HRC-I-2	7.01	1752	0.073	-0.047	0.006	0.010	0.000000	0.000000	853.15	-1296.18
2	FID	HRC-I-3	7.05	1752	0.037	-0.072	0.008	0.016	0.000000	0.000000	-1187.15	1009.87
3	GUIDE	574491280	9.35	3498	-0.006	0.026	0.099	0.160	148.611567	69.450135	1632.02	-776.31
4	GUIDE	574489776	10.16	3495	-0.056	-0.102	0.135	0.220	148.323662	69.046710	1399.67	703.00
5	GUIDE	574504944	10.12	3487	0.091	0.075	0.139	0.231	148.895750	69.648700	1588.06	-1574.28
6	GUIDE	574496080	9.91	3502	-0.046	-0.023	0.147	0.247	149.336129	69.802025	1307.15	-2301.30
7	GUIDE	574496360	9.46	3499	0.017	0.018	0.110	0.178	150.806604	68.529829	-2312.33	1077.28

2.4 Star Slots

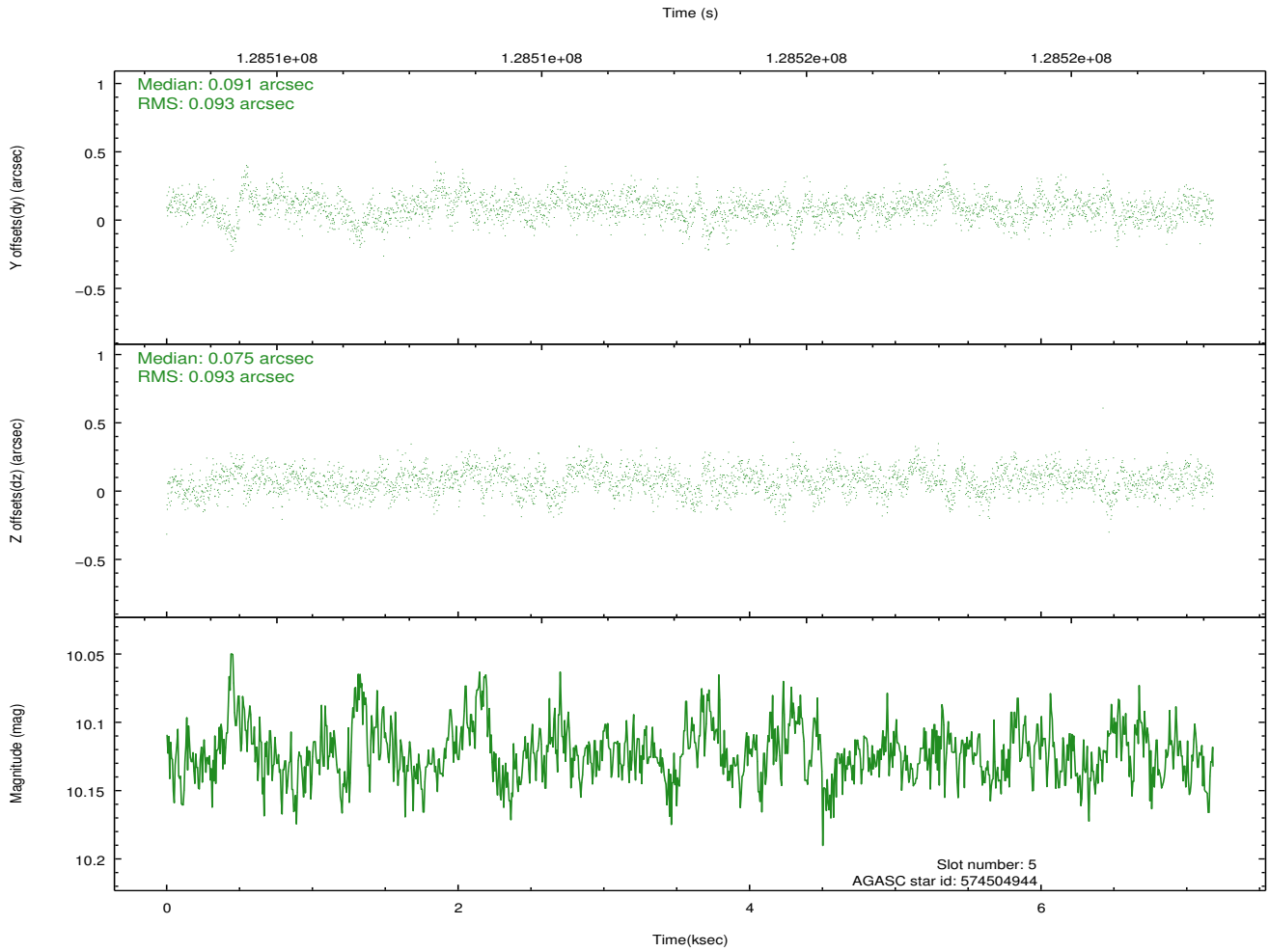
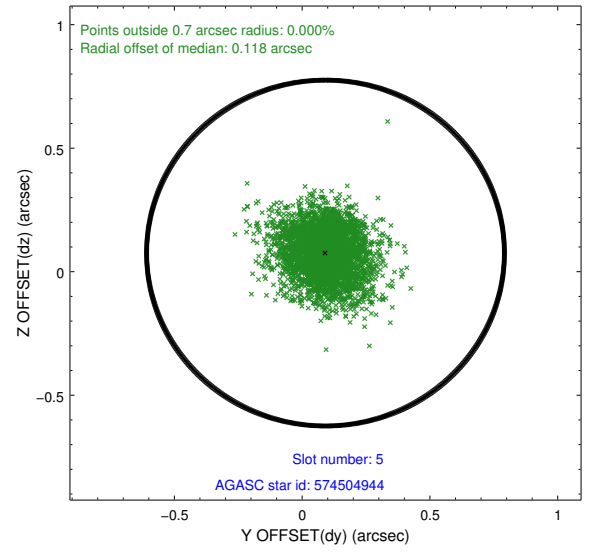
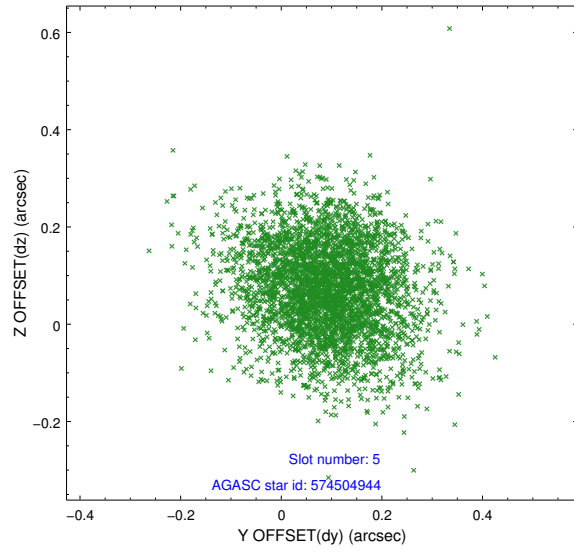
2.4.1 Slot 3



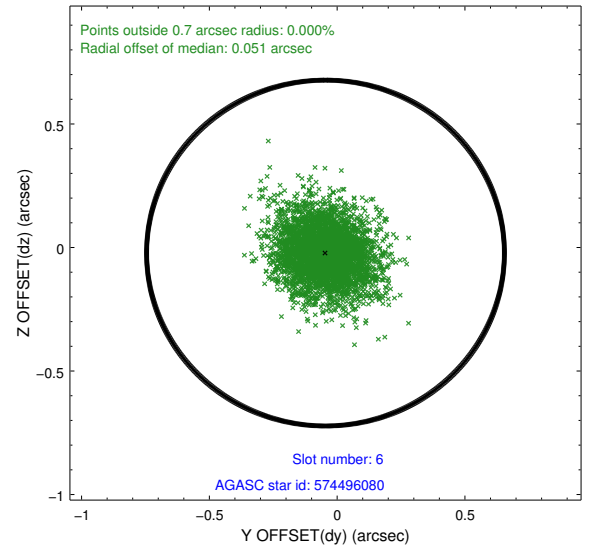
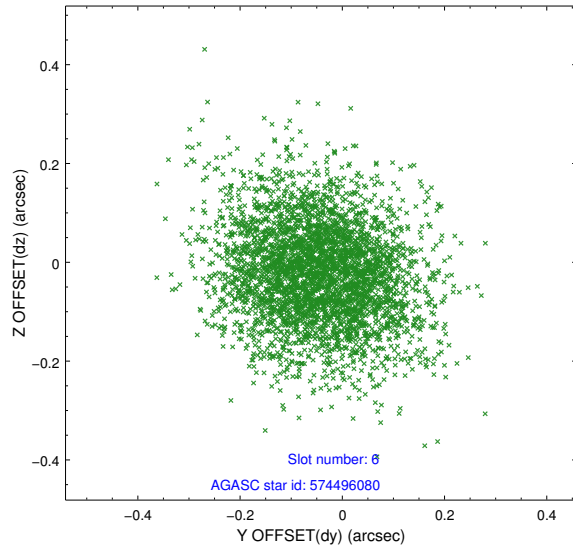
2.4.2 Slot 4



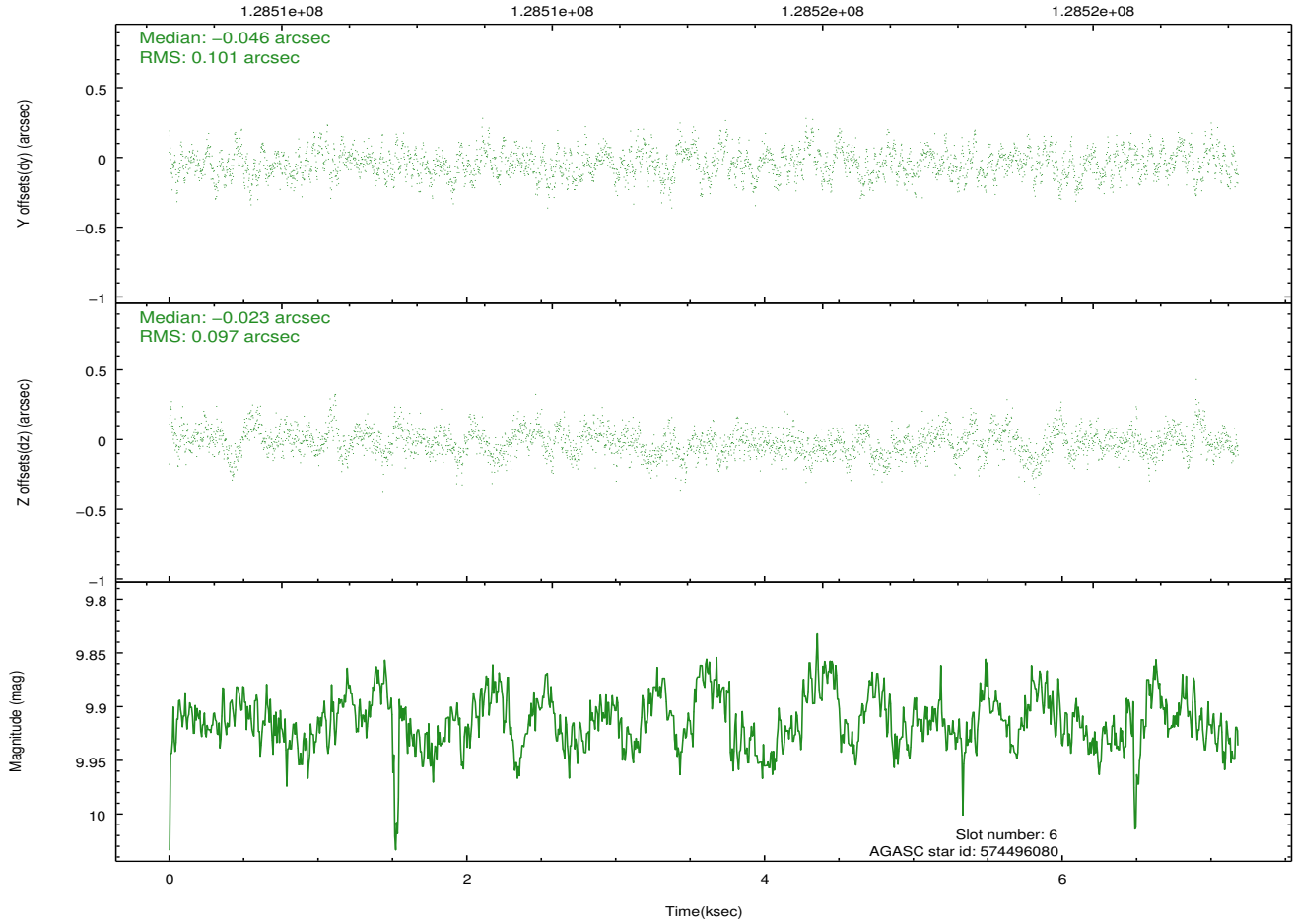
2.4.3 Slot 5



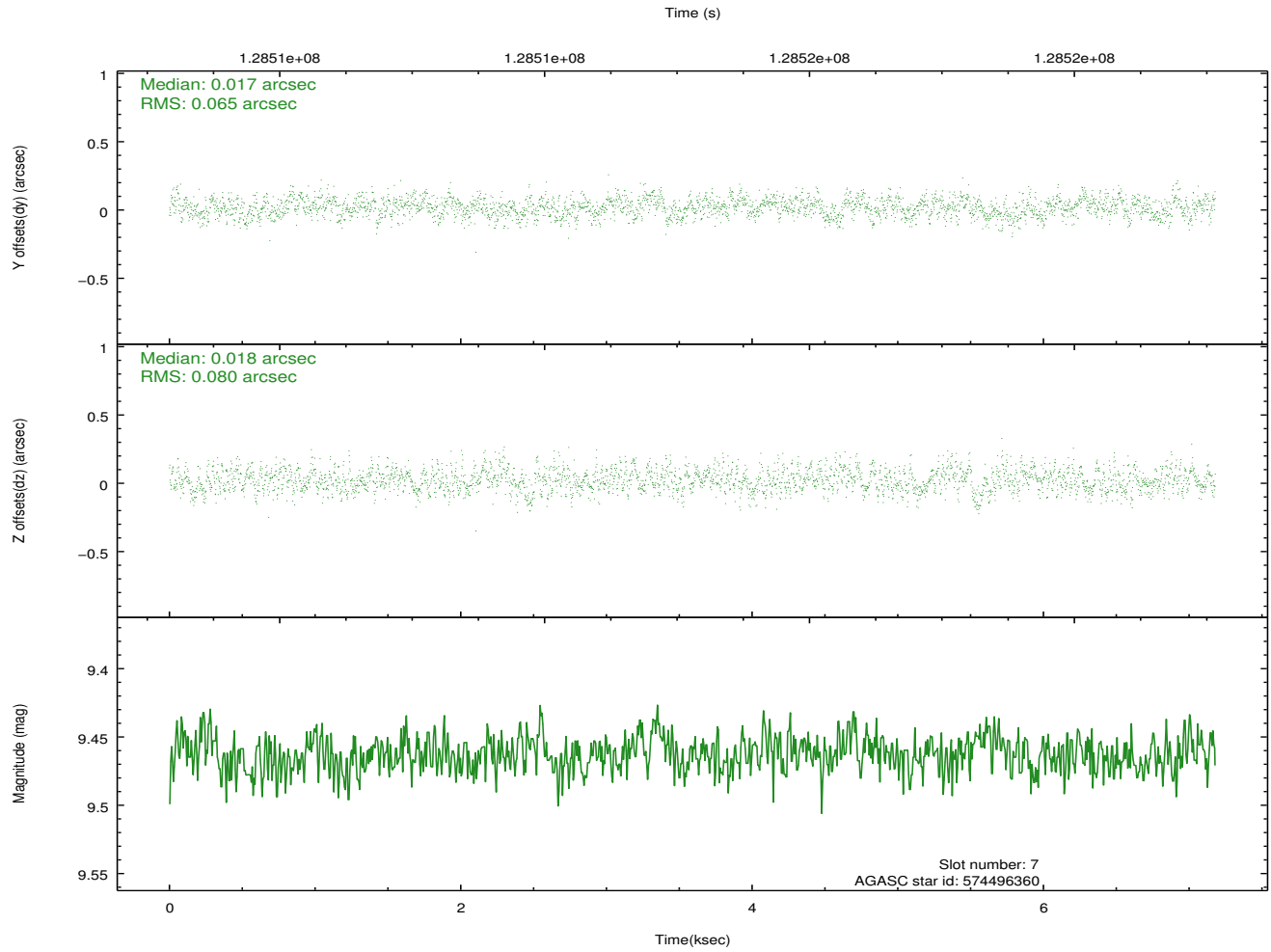
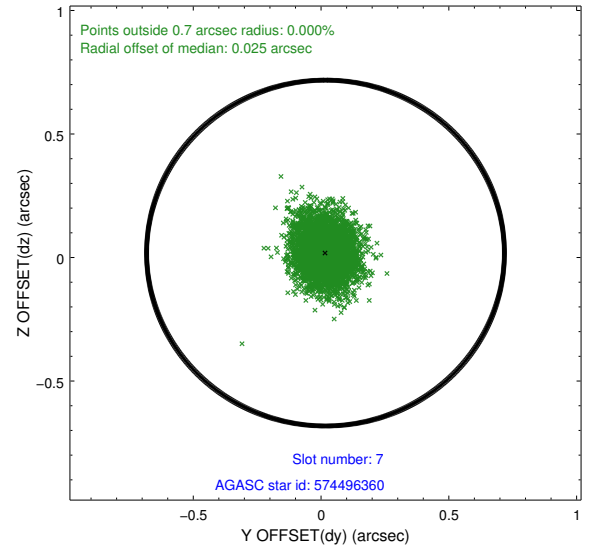
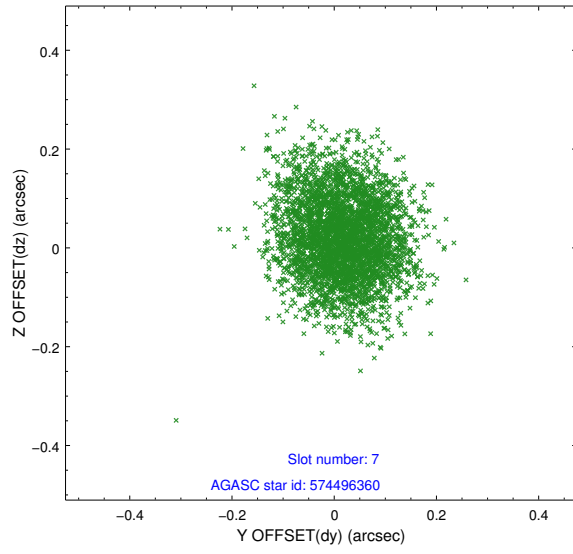
2.4.4 Slot 6



Time (s)

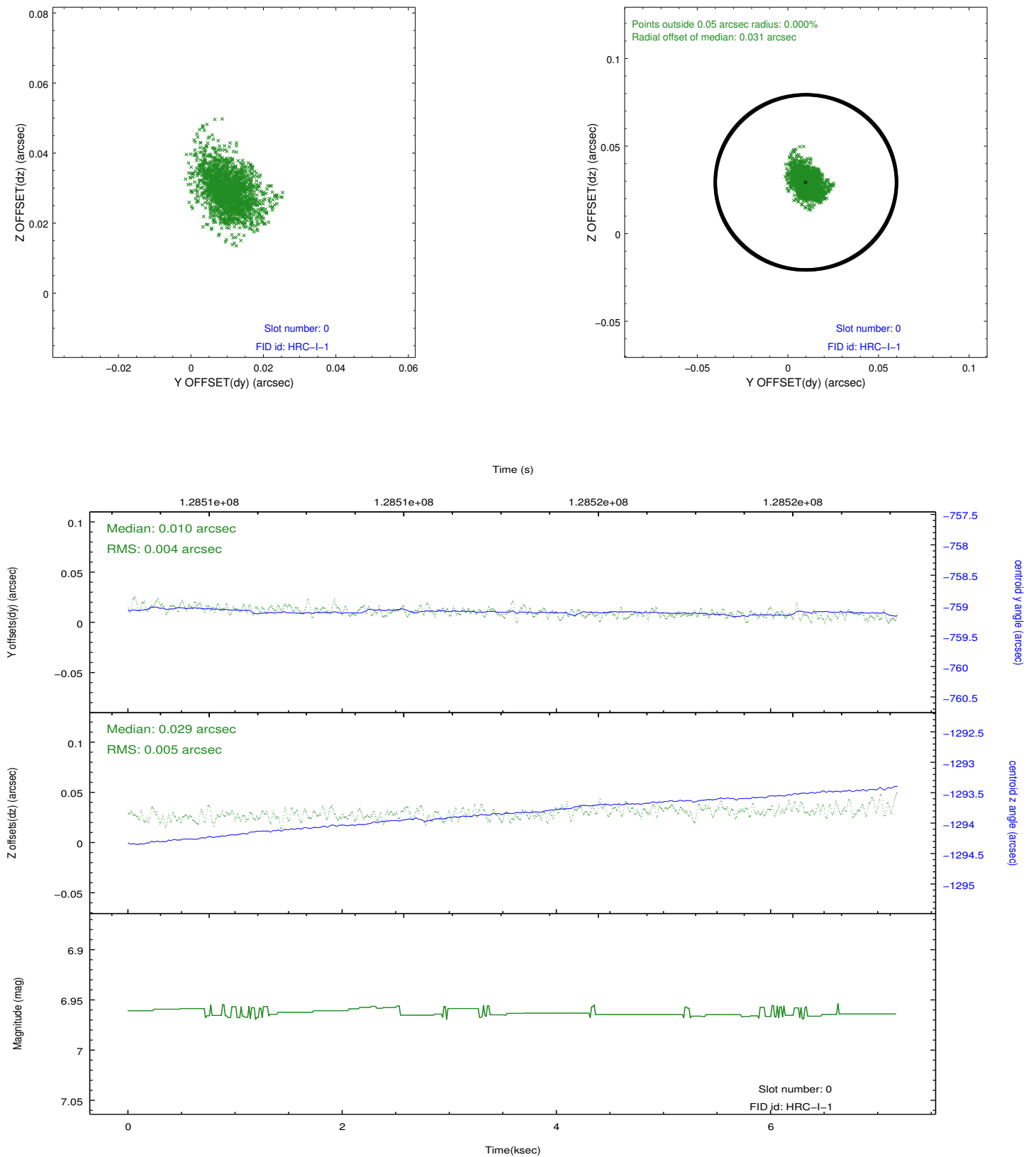


2.4.5 Slot 7

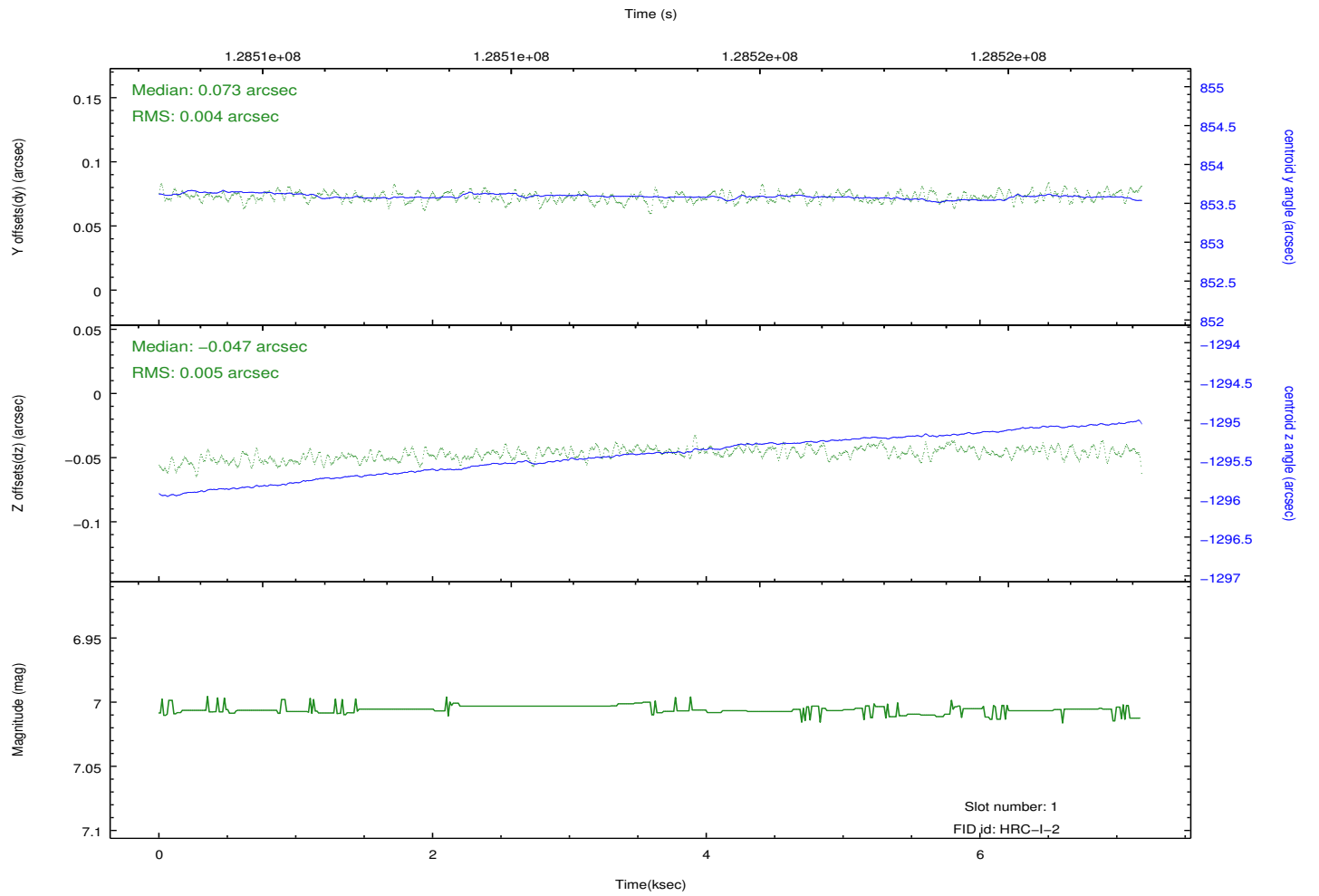
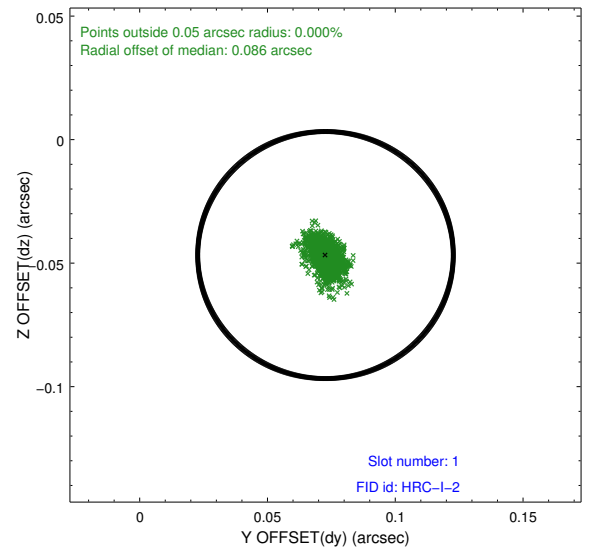
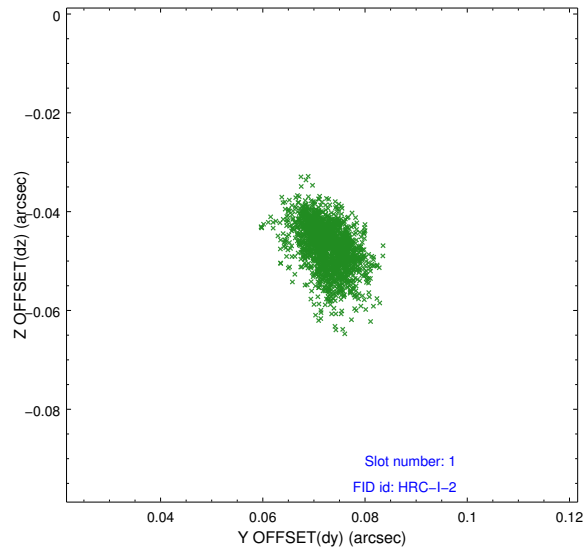


2.5 FID Slots

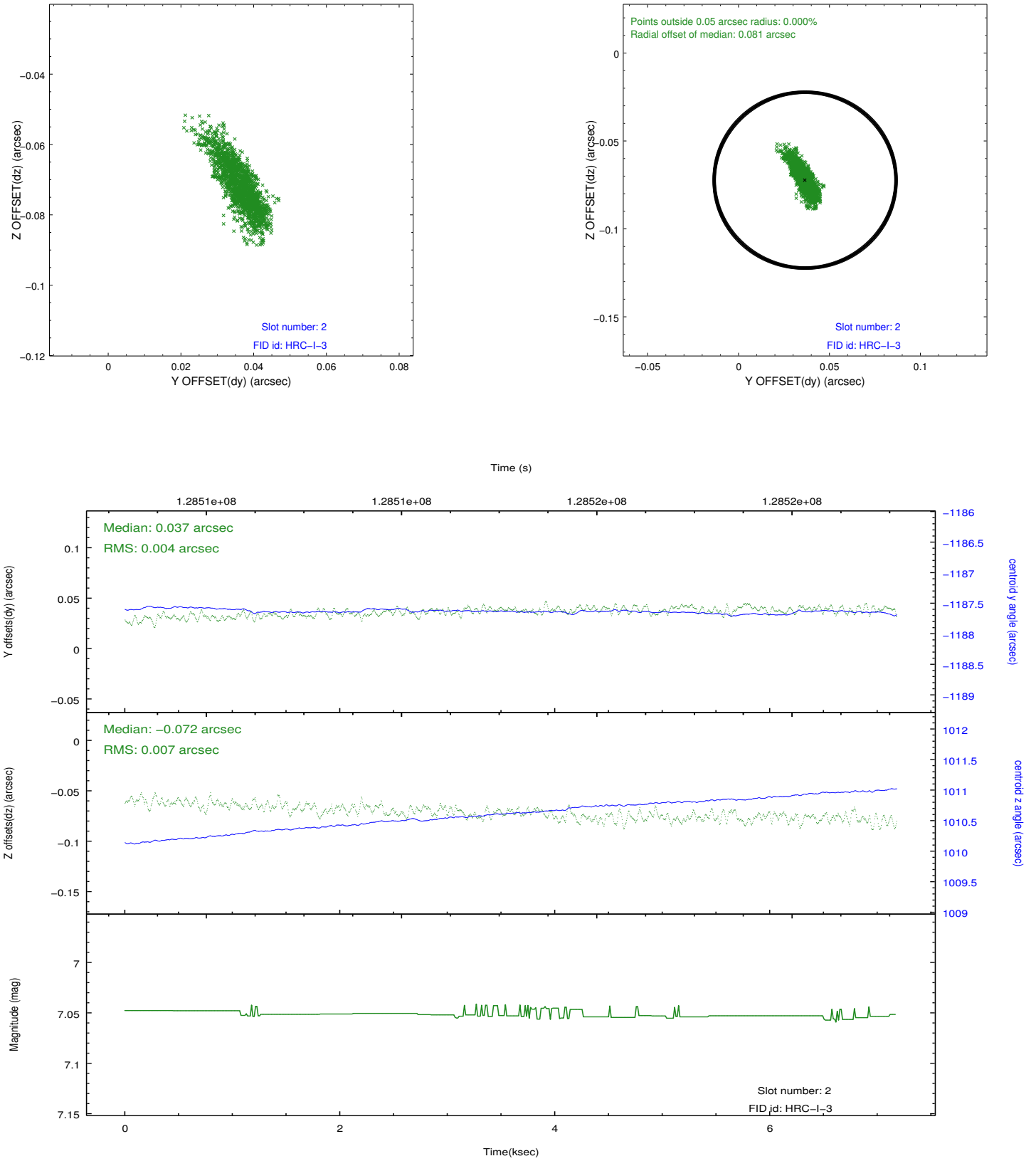
2.5.1 Slot 0



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)	2012.10.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.176

A.2 Comments