

V&V Reference Report

L2 ASCDS Version : 10.6

Observation 20098 - L2 Version 1
Chandra X-Ray Center

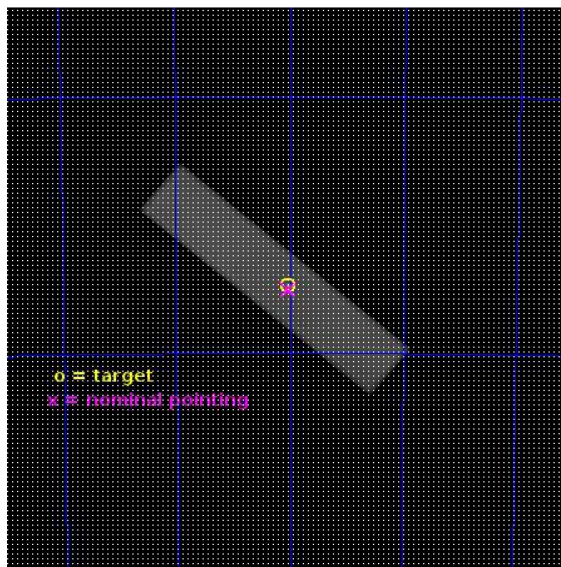
L2 Processing Date : Jun 25 2017

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

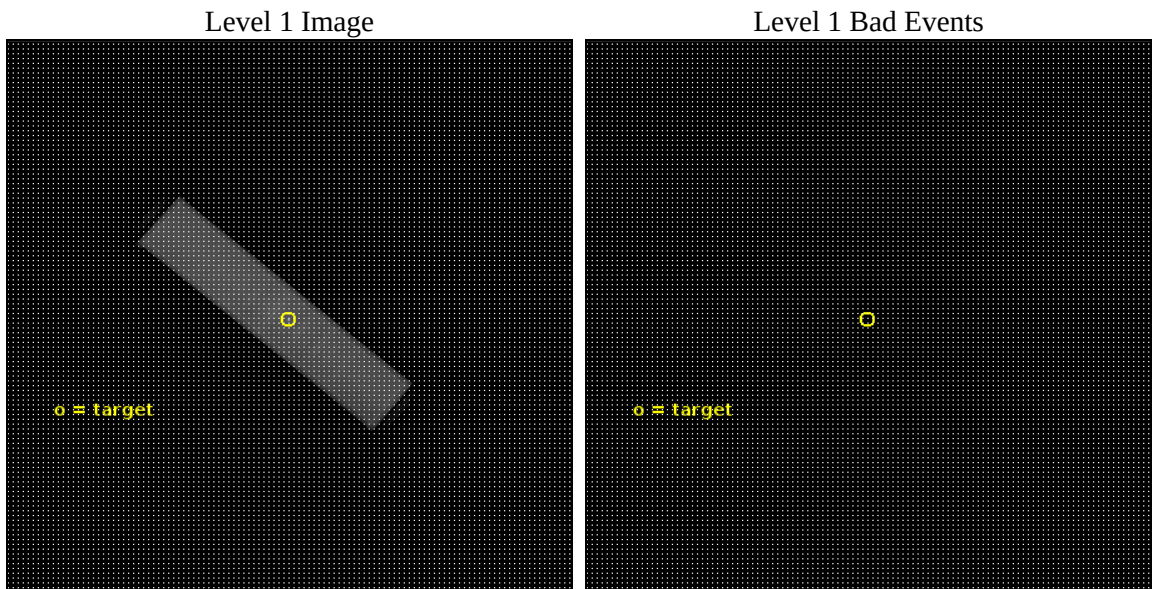
seq_num	401894	Sequence number
obs_id	20098	Observation id
title	The longest AMXP outburst: looking for pulsation in MAXI J0911-655 after 450 days	Proposal title
observer	Alessandro Riggio	Principal investigator
object	MAXI J0911-655	Source name
ra_targ	138.01	Observer's specified target RA [deg]
dec_targ	-64.868444	Observer's specified target Dec [deg]
ra_nom	138.00576081407	Nominal RA [deg]
dec_nom	-64.876981560624	Nominal Dec [deg]
roll_nom	219.84613353068	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30092.976753235	[s]
livetime	29766.852472566	Ontime multiplied by DTCOR
l2events	1987521	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	30000.000000	[s] Scheduled observation exposure time
ascdsver	10.6	Processing system revision	ontime	30092.976753235	[s]
caldbver	4.7.5	 	l1events	2583166	Number of level 1 events
date	2017-06-25T21:28:55	Date and time of file creation			
revision	1	Processing version of data			

2.1.3 Events

Level 1 Events

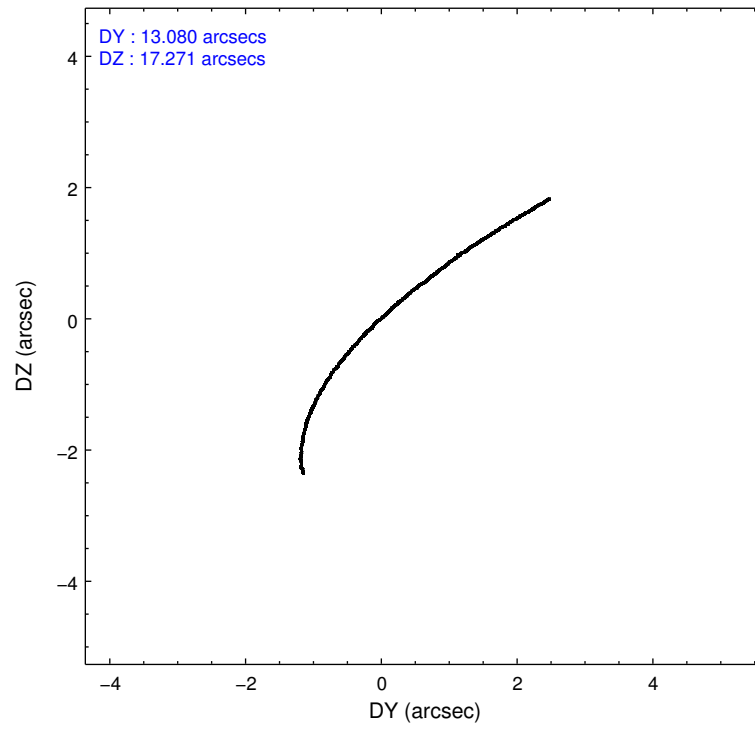
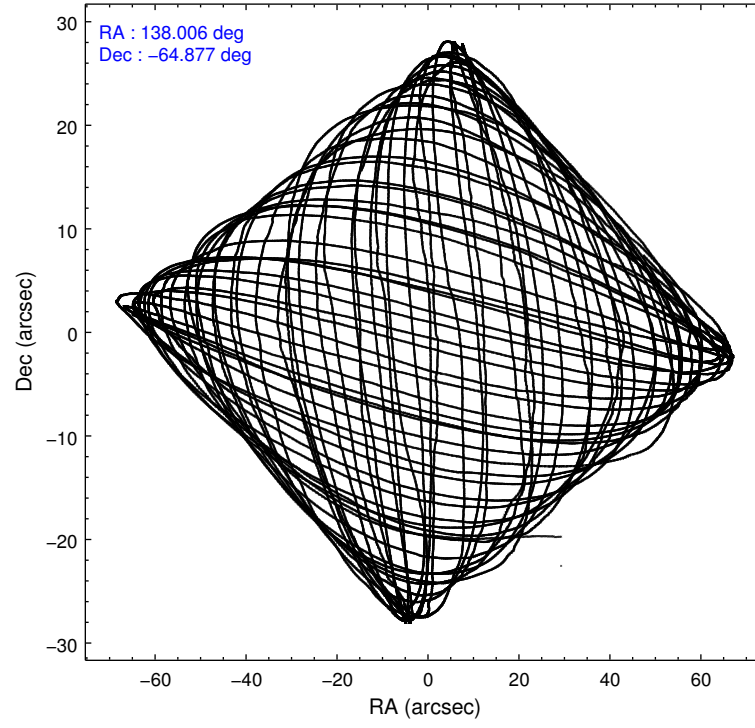
	segment 1	segment 2	segment 3
level 1 events	1793	2581364	9
rejected events	97	149953	6
rejected %	5%	5%	66%

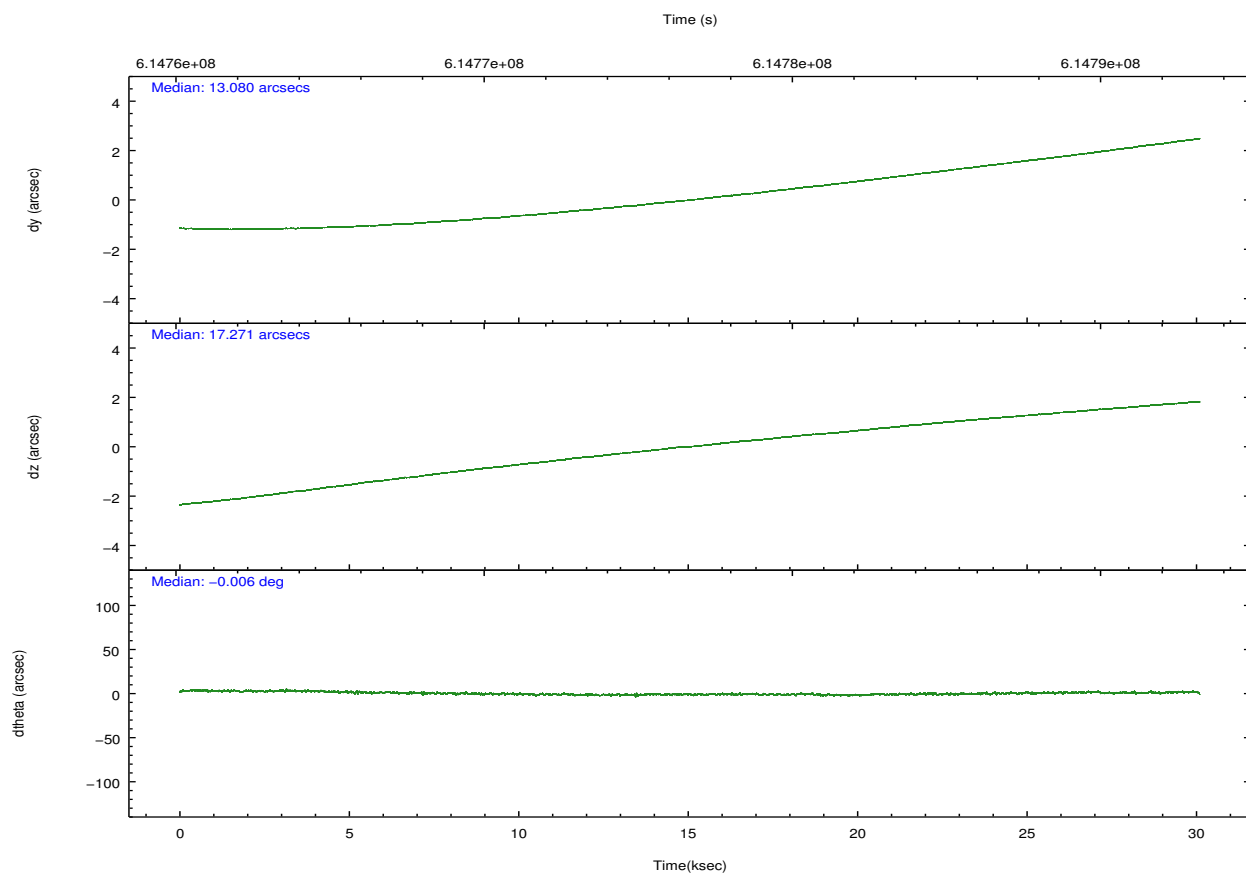
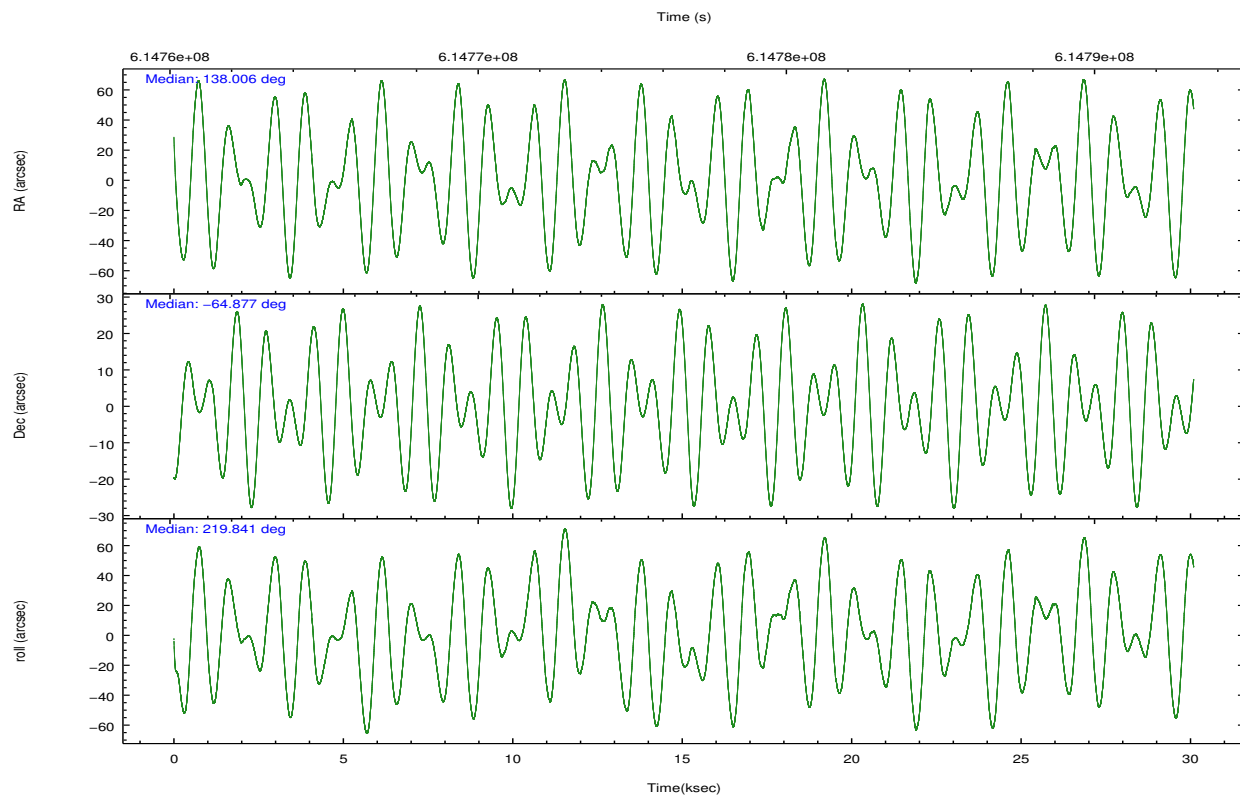
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	138.026073	138.0057608140685
[deg] Pointing Dec	-64.849410	-64.87698156062436
[deg] Pointing Roll	219.797195	219.8461335306765
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	614761716.184000	614760014.8799599
Observation start date	2017-06-25T07:07:27	2017-06-25T06:40:14
[s] Observation end time (MET)	614791716.184000	614792862.5443701
Observation end date	2017-06-25T15:27:27	2017-06-25T15:47:42

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

2.3 Aspect



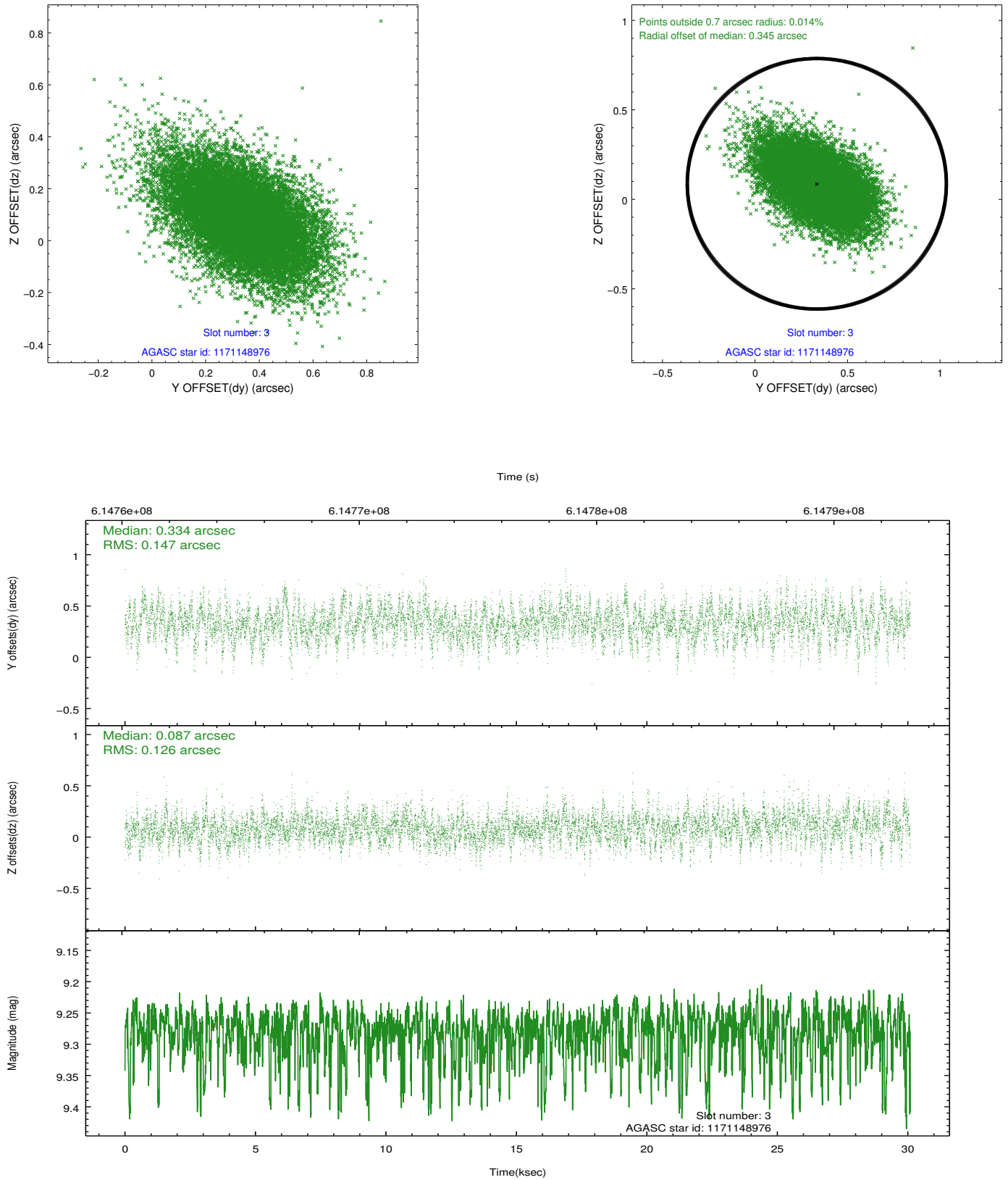


Slot Statistics

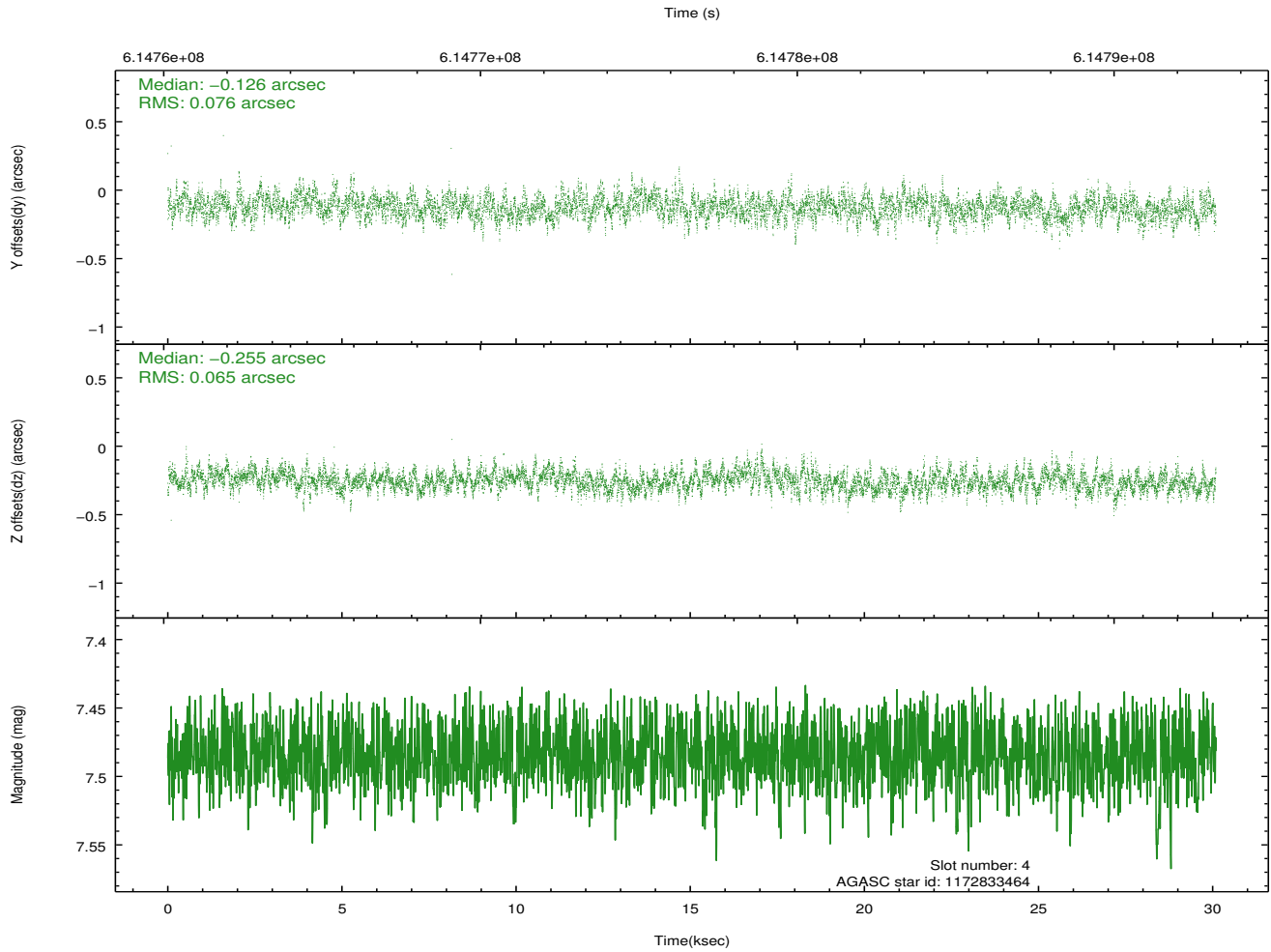
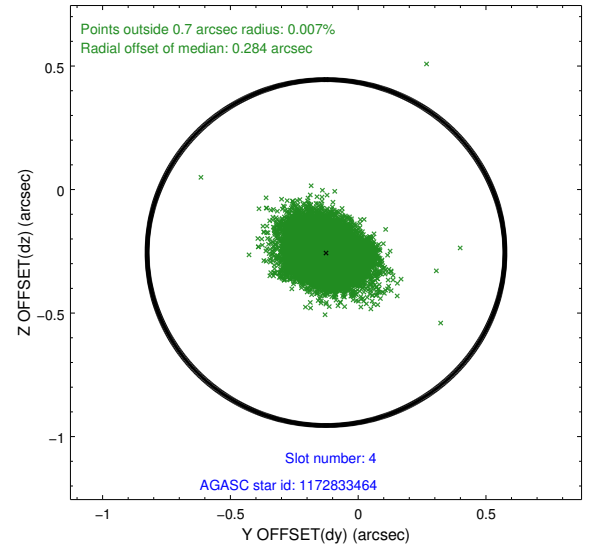
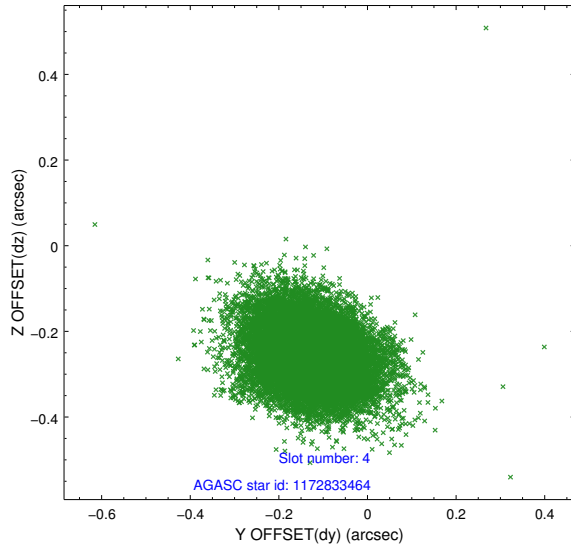
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		HRC-S-1	7.02	7339	-0.031	-0.181	0.034	0.065	0.000000	0.000000	-1167.71	-466.16
1	FID		HRC-S-2	7.00	7340	0.364	-0.130	0.030	0.040	0.000000	0.000000	1232.19	-458.71
2	FID		HRC-S-3	7.01	7339	0.061	0.007	0.046	0.065	0.000000	0.000000	-1170.21	563.49
3	GUIDE	used	1171148976	9.28	14659	0.334	0.087	0.200	0.346	136.019328	-64.735751	2138.72	-2249.55
4	GUIDE	used	1172833464	7.48	14678	-0.126	-0.255	0.105	0.172	137.532282	-65.489504	2043.26	1299.39
5	GUIDE	used	1172834296	9.36	14660	-0.260	-0.176	0.169	0.287	138.408689	-65.198469	361.48	1336.67
6	GUIDE	used	1172833280	8.97	14660	0.351	0.594	0.140	0.225	138.500210	-64.197191	-2071.26	-1325.76
7	GUIDE	used	1172838424	9.62	14647	-0.301	-0.263	0.198	0.334	137.580666	-65.505266	2023.24	1390.27

2.4 Star Slots

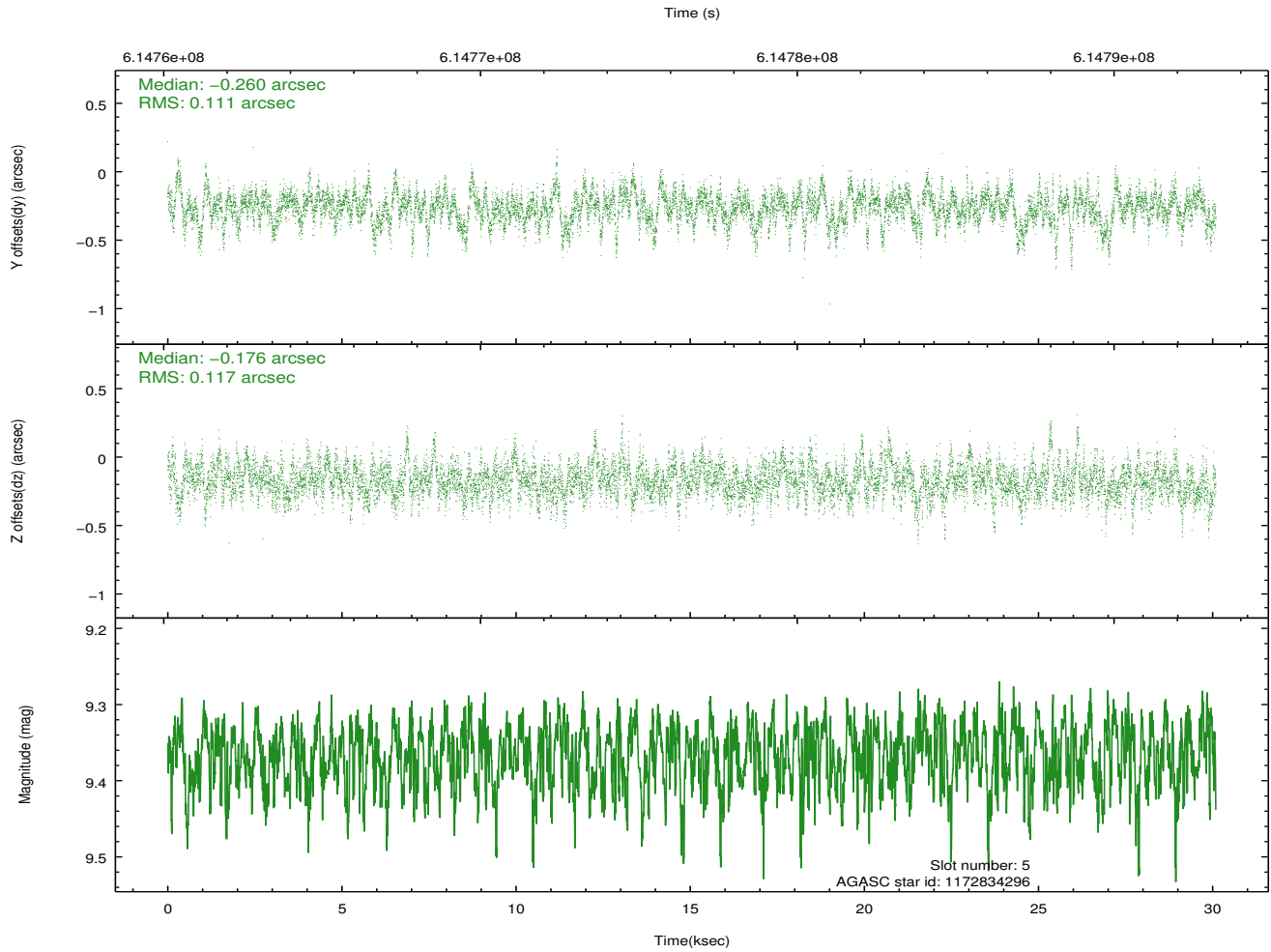
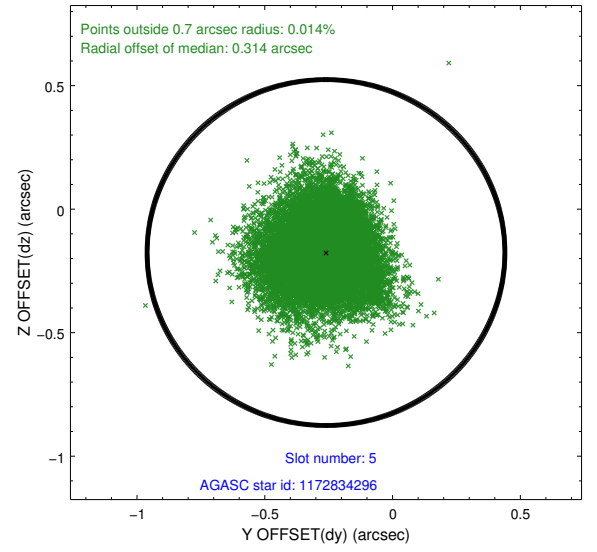
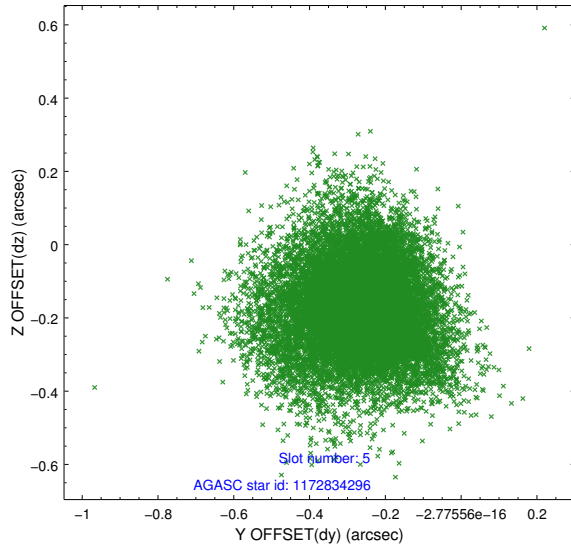
2.4.1 Slot 3



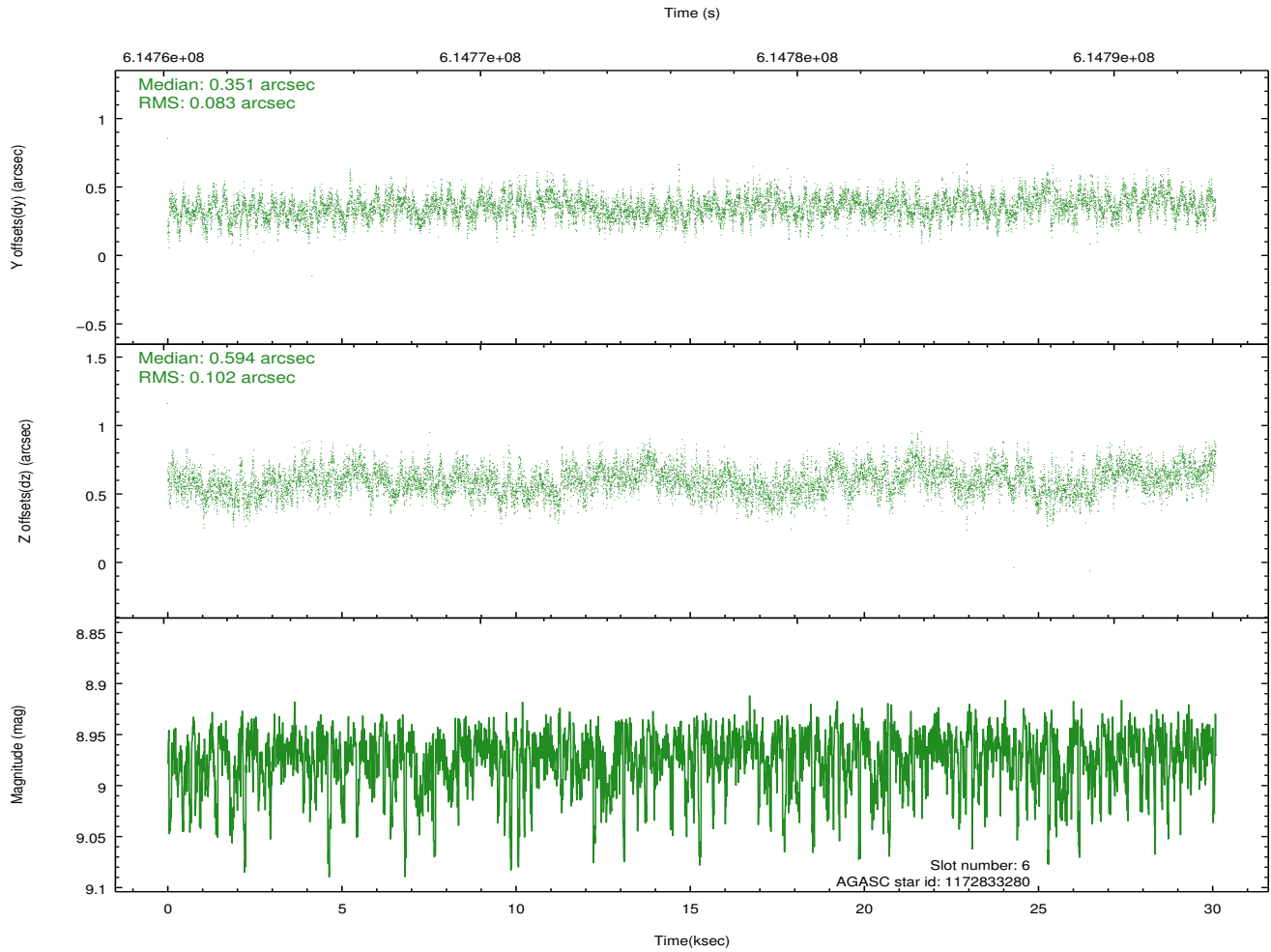
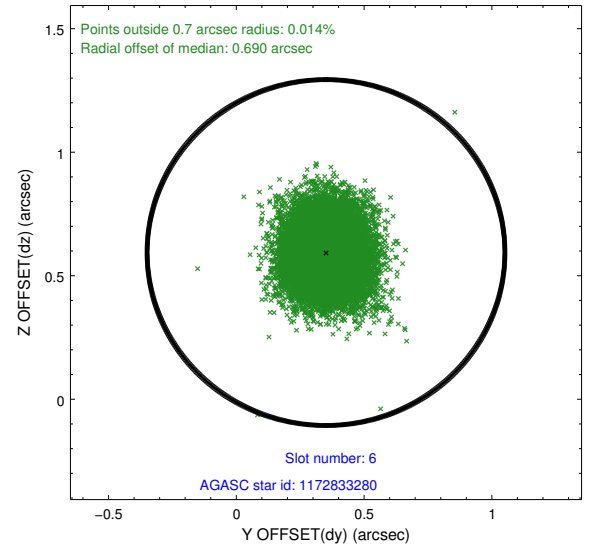
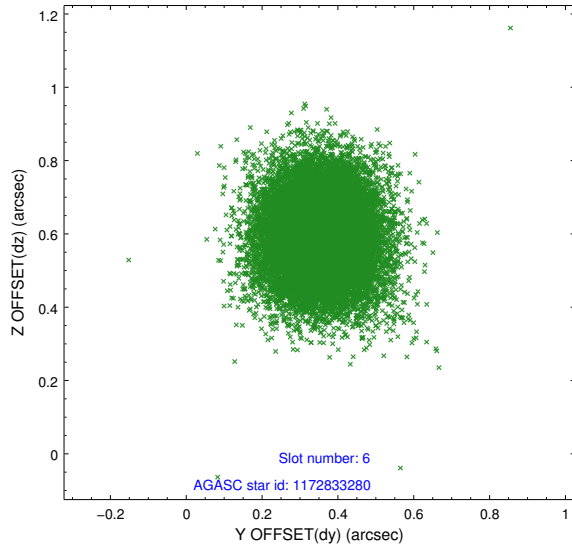
2.4.2 Slot 4



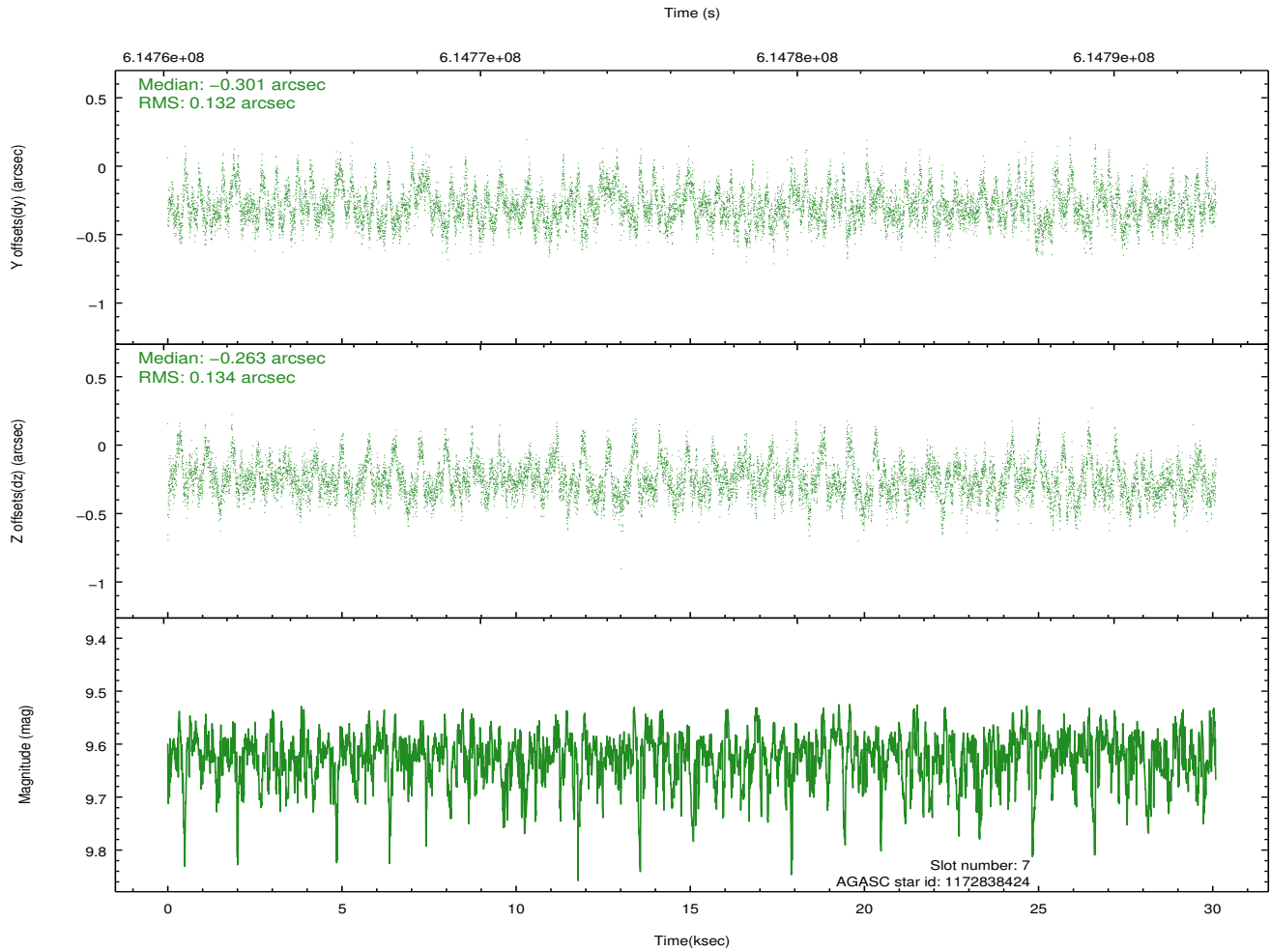
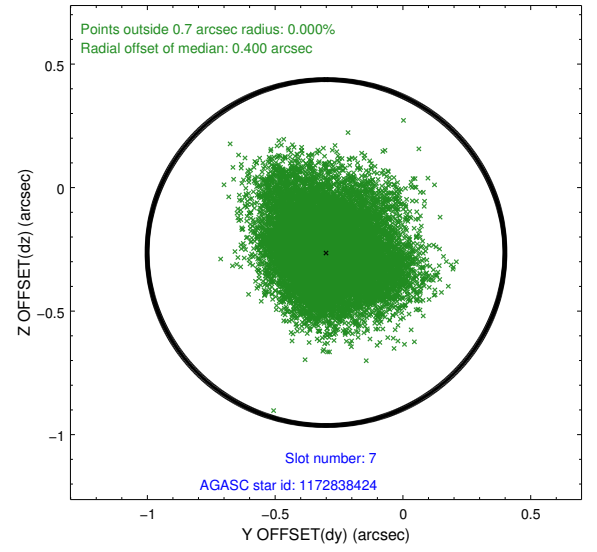
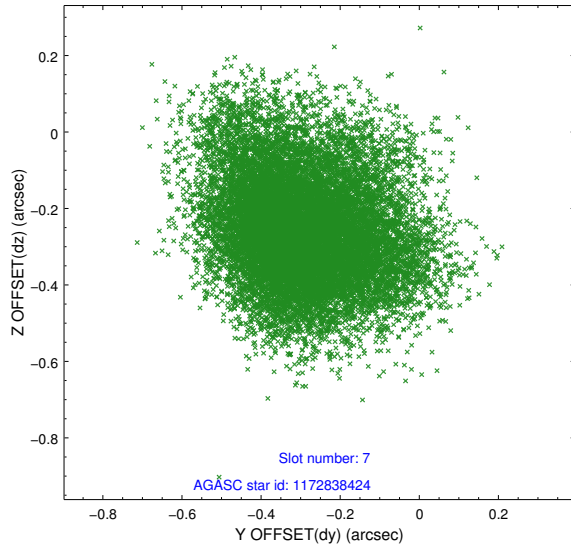
2.4.3 Slot 5



2.4.4 Slot 6

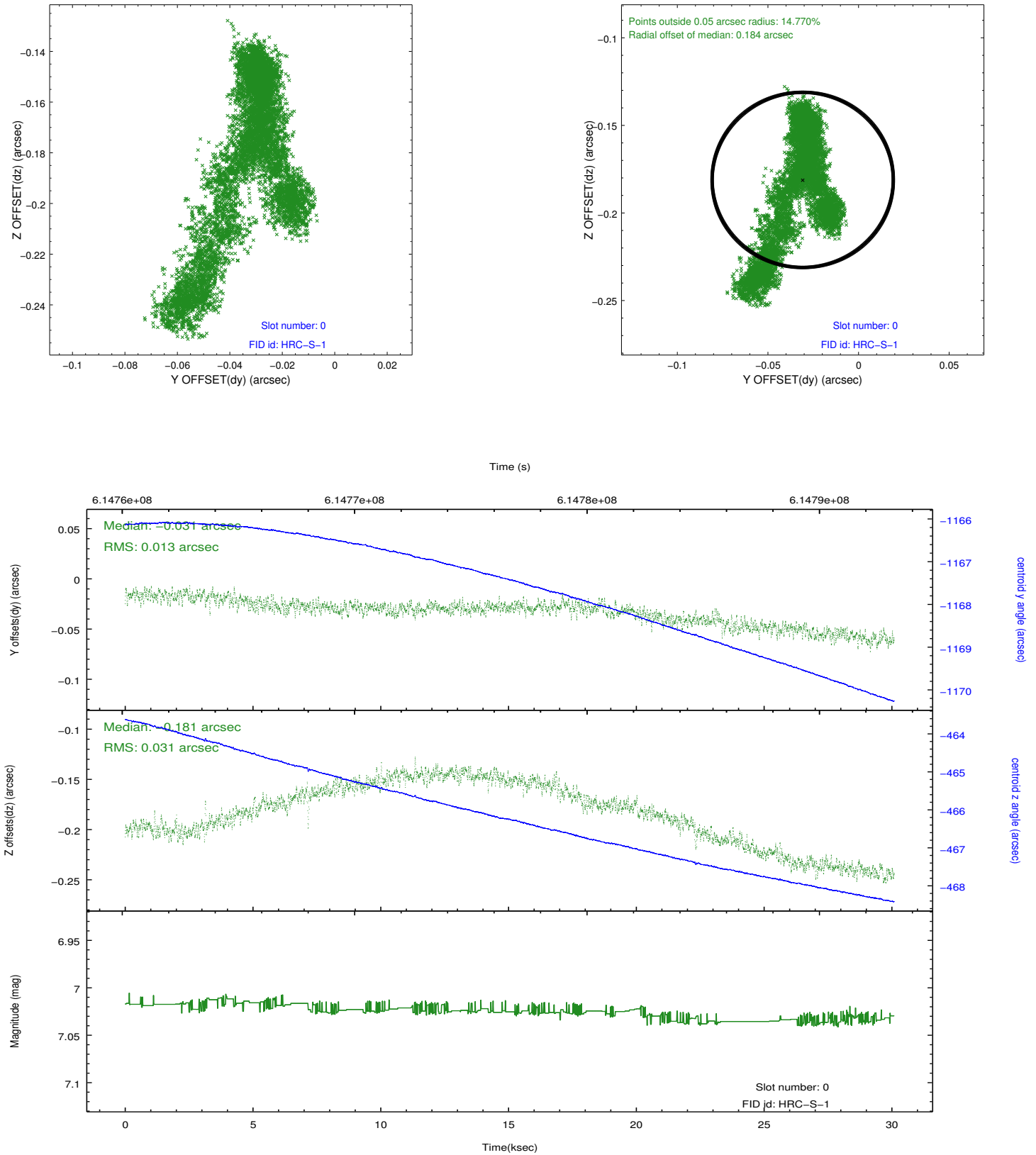


2.4.5 Slot 7

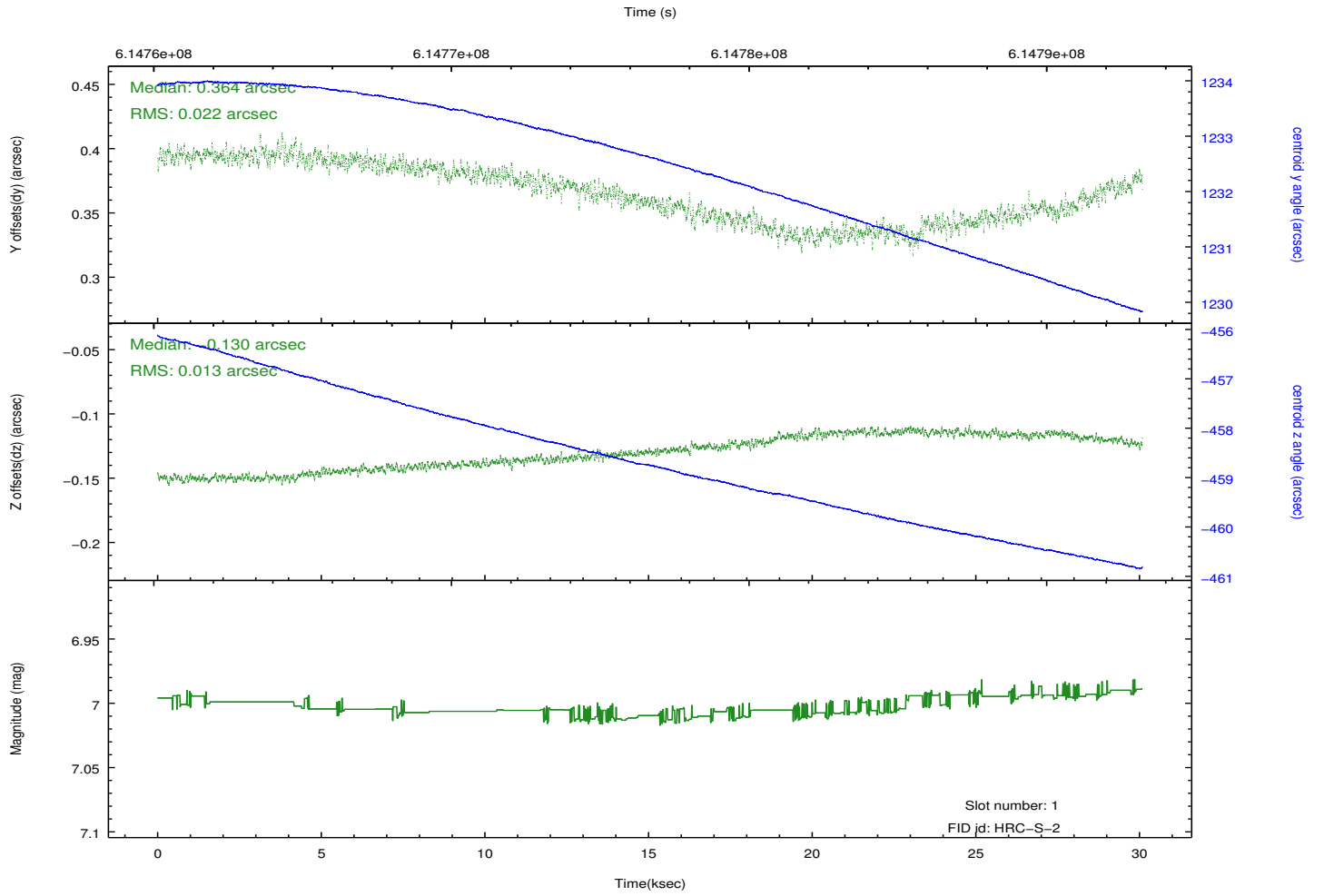
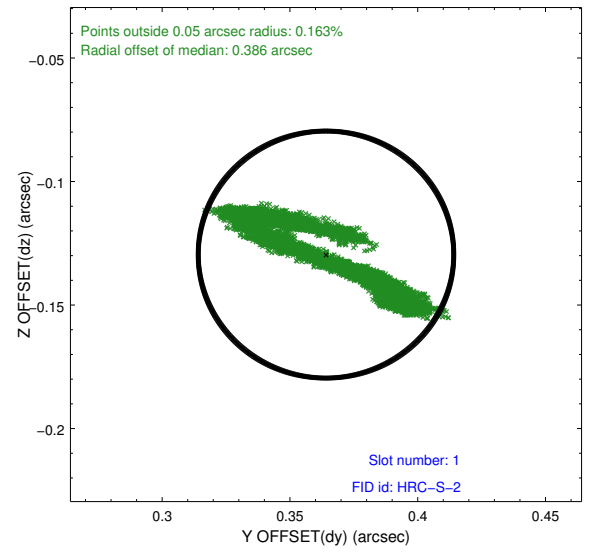
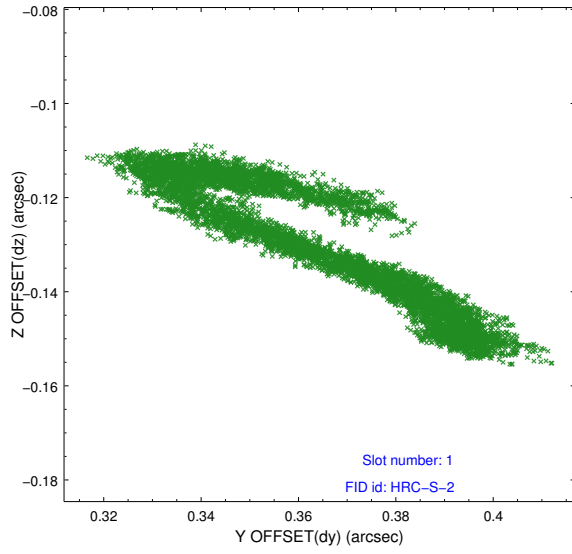


2.5 FID Slots

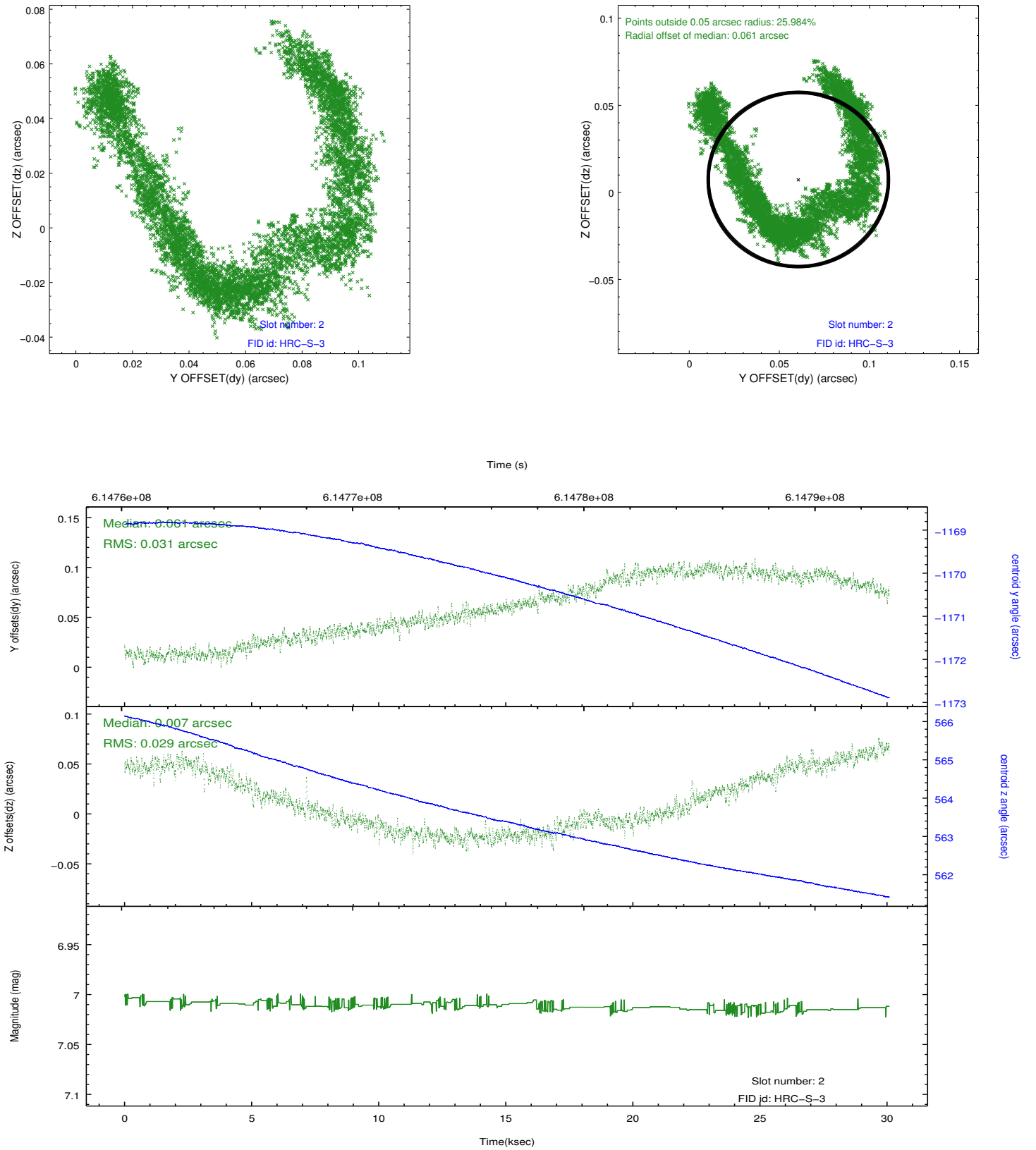
2.5.1 Slot 0



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)	2017.06.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.092976753235

A.2 Comments