

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2300 - L2 Version 3
Chandra X-Ray Center

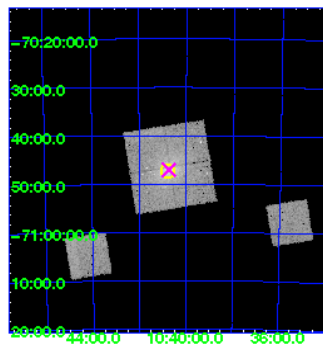
L2 Processing Date : Sep 23 2012

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1 Front

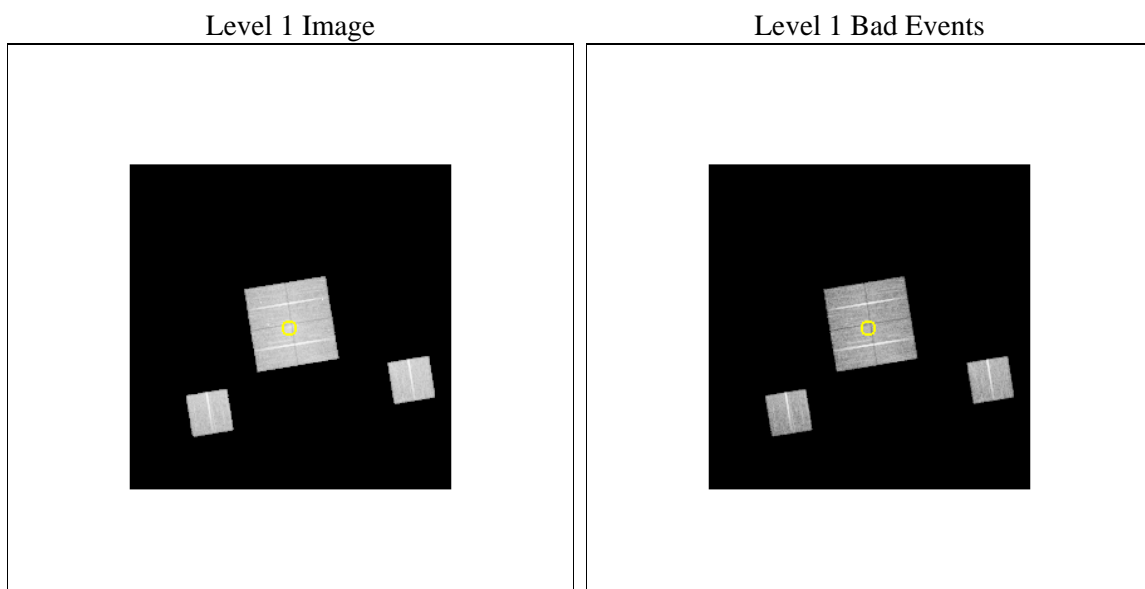
seq_num	900127	Sequence number
obs_id	2300	Observation id
title	A SURVEY OF X-RAY SELECTED SNR CANDIDATES	Proposal title
observer	Dr. Martin Weisskopf	Principal investigator
object	1RXSJ104047.4-704713	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	160.195833	Observer's specified target RA [deg]
dec_targ	-70.786944	Observer's specified target Dec [deg]
ra_nom	160.18370998489	Nominal RA [deg]
dec_nom	-70.784407171853	Nominal Dec [deg]
roll_nom	170.80931314455	Nominal Roll [deg]
revision	3	Processing version of data
ontime	12965.261192024	Sum of GTIs [s]
livetime	12801.087248067	Livetime [s]
ontime0	12965.137952432	Sum of GTIs [s]
ontime1	12965.179141954	Sum of GTIs [s]
ontime2	12968.461012602	Sum of GTIs [s]
ontime3	12965.261192024	Sum of GTIs [s]
ontime4	12968.543092608	Sum of GTIs [s]
ontime9	12968.337892607	Sum of GTIs [s]
l2events	46864	Number of level 2 events



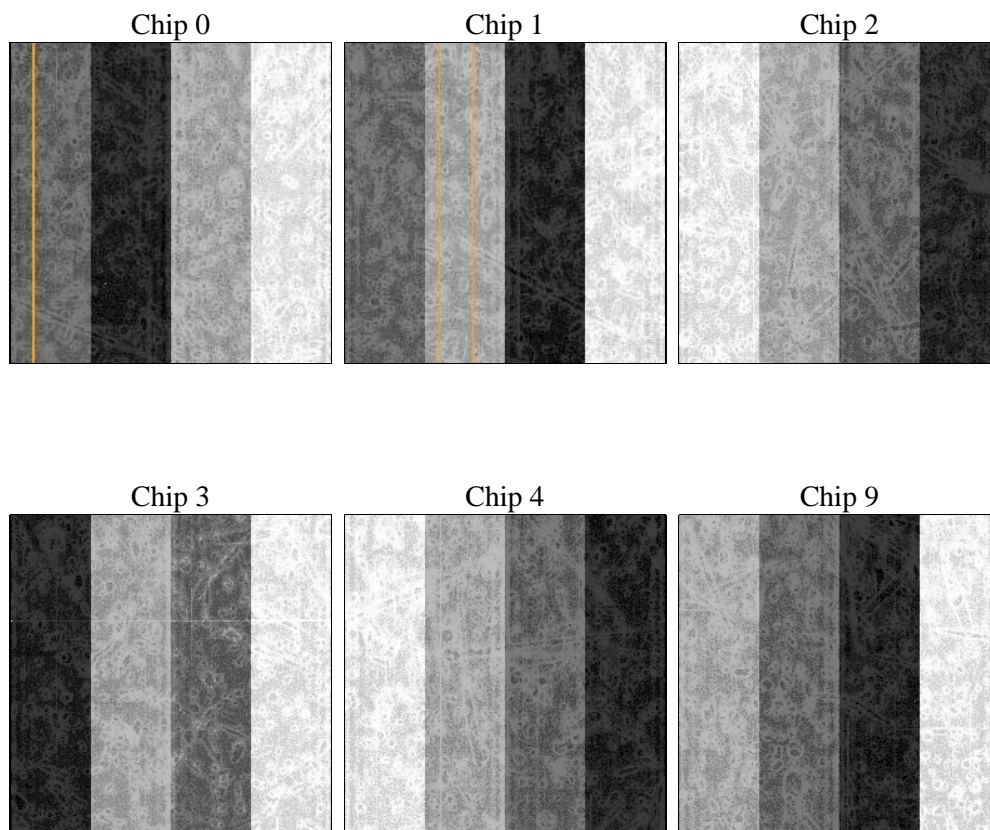
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	12800.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	12965.261192024	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	12965.137952432	Sum of GTIs [s]
date	2012-09-23T16:01:13	Date and time of file creation	ontime1	12965.179141954	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	12968.461012602	Sum of GTIs [s]
			ontime3	12965.261192024	Sum of GTIs [s]
			ontime4	12968.543092608	Sum of GTIs [s]
			ontime9	12968.337892607	Sum of GTIs [s]
			l1events	459630	Number of level 1 events

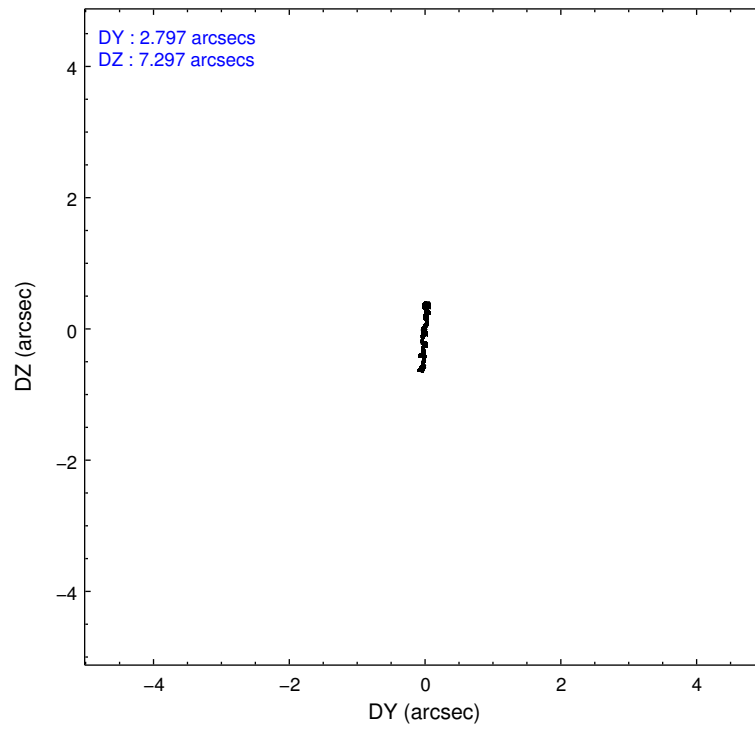
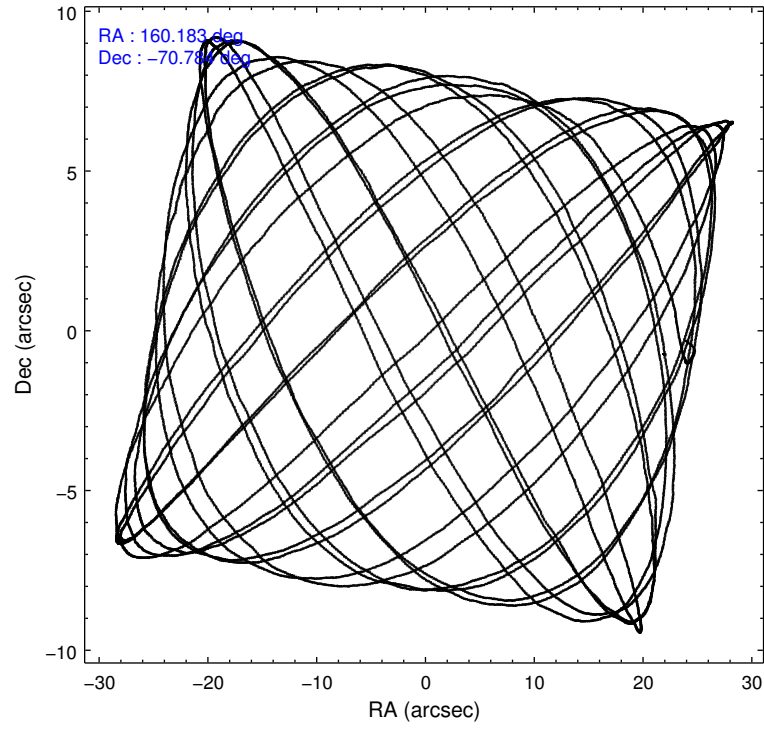
2.1.4 Events

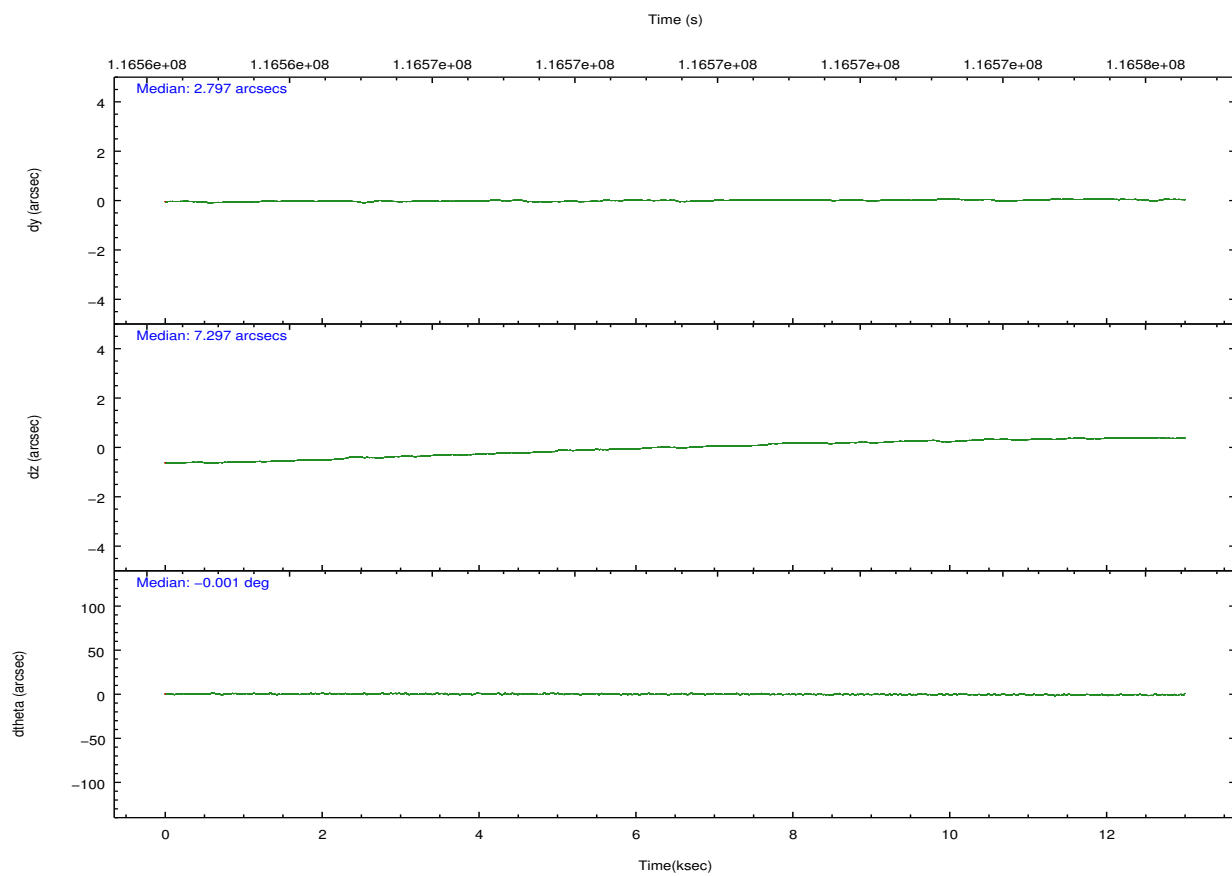
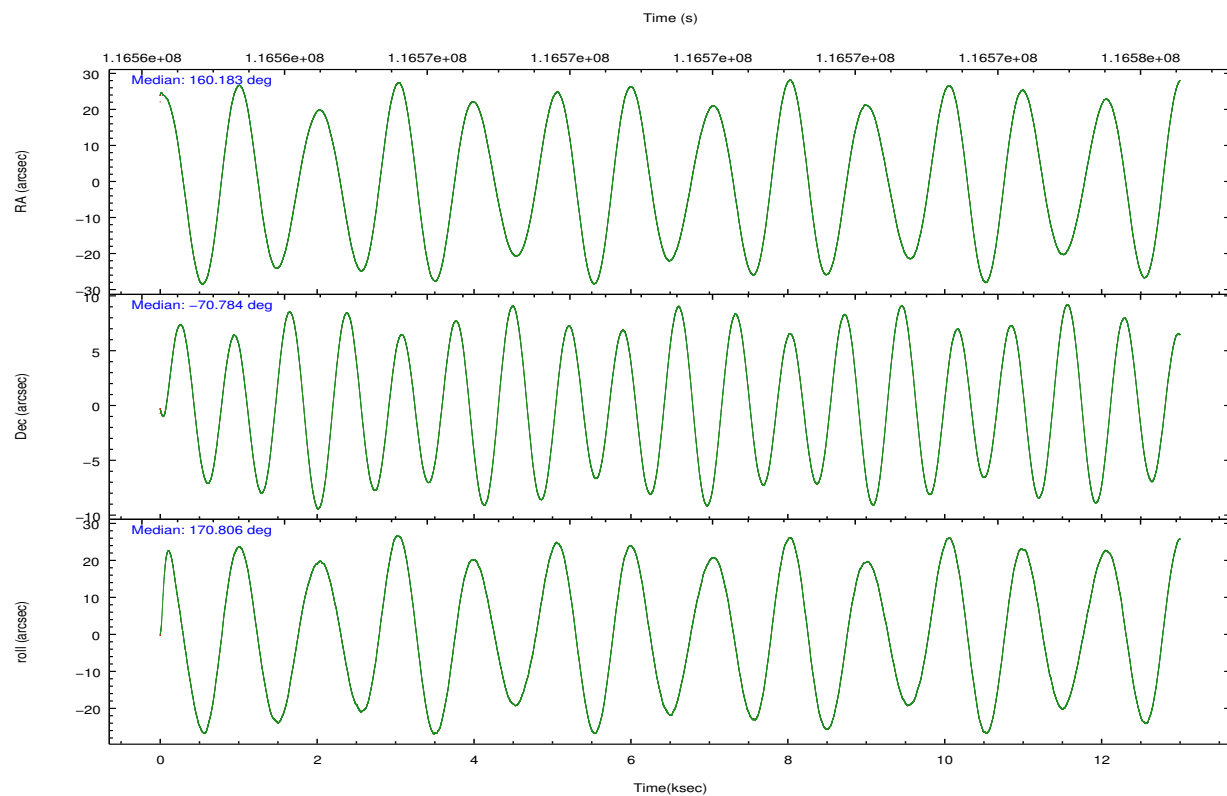
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 4	ccd 9		ccd 0	ccd 1	ccd 2	ccd 3	ccd 4	ccd 9
level 1 events	68168	71321	80013	79601	86642	73885	grade 0 events	4575	4628	5226	6318	2800	2820
rejected events	58811	61431	69976	68336	79214	66378		6%	6%	6%	7%	3%	3%
rejected %	86%	86%	87%	85%	91%	89%	grade 1 events	36	48	50	44	34	20
								0%	0%	0%	0%	0%	0%
							grade 2 events	1784	1789	1834	1846	1731	1500
								2%	2%	2%	2%	1%	2%
							grade 3 events	797	931	812	857	782	875
								1%	1%	1%	1%	0%	1%
							grade 4 events	813	930	852	878	763	824
								1%	1%	1%	1%	0%	1%
							grade 5 events	2282	2441	2084	2465	2261	2824
								3%	3%	2%	3%	2%	3%
							grade 6 events	1390	1615	1317	1371	1355	1490
								2%	2%	1%	1%	1%	2%
							grade 7 events	56491	58939	67838	65822	76916	63532
								82%	82%	84%	82%	88%	85%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012349	ACIS-012349	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	160.261517	160.1837099848852	Subarray requested	NONE	NONE
[deg] Pointing Dec	-70.774629	-70.78440717185283	Alternating exposures requested	N	N
[deg] Pointing Roll	170.674114	170.8093131445461	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	116563102.184000	116562034.47663			
Observation start date	2001-09-11T02:37:18	2001-09-11T02:20:34			
[s] Observation end time (MET)	116575902.184000	116576705.8147			
Observation end date	2001-09-11T06:10:38	2001-09-11T06:25:05			
Read mode	TIMED	TIMED			

2.3 Aspect



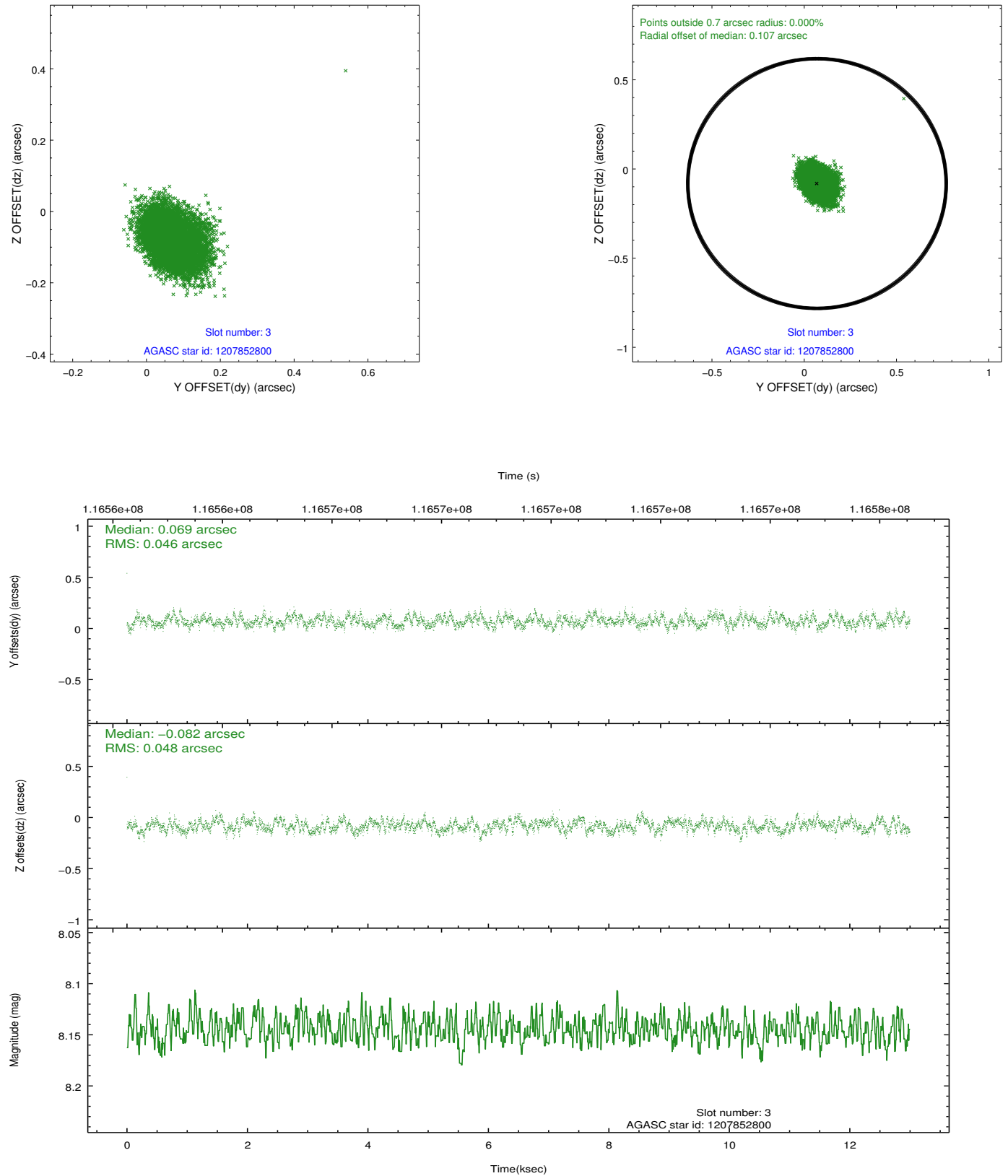


Slot Statistics

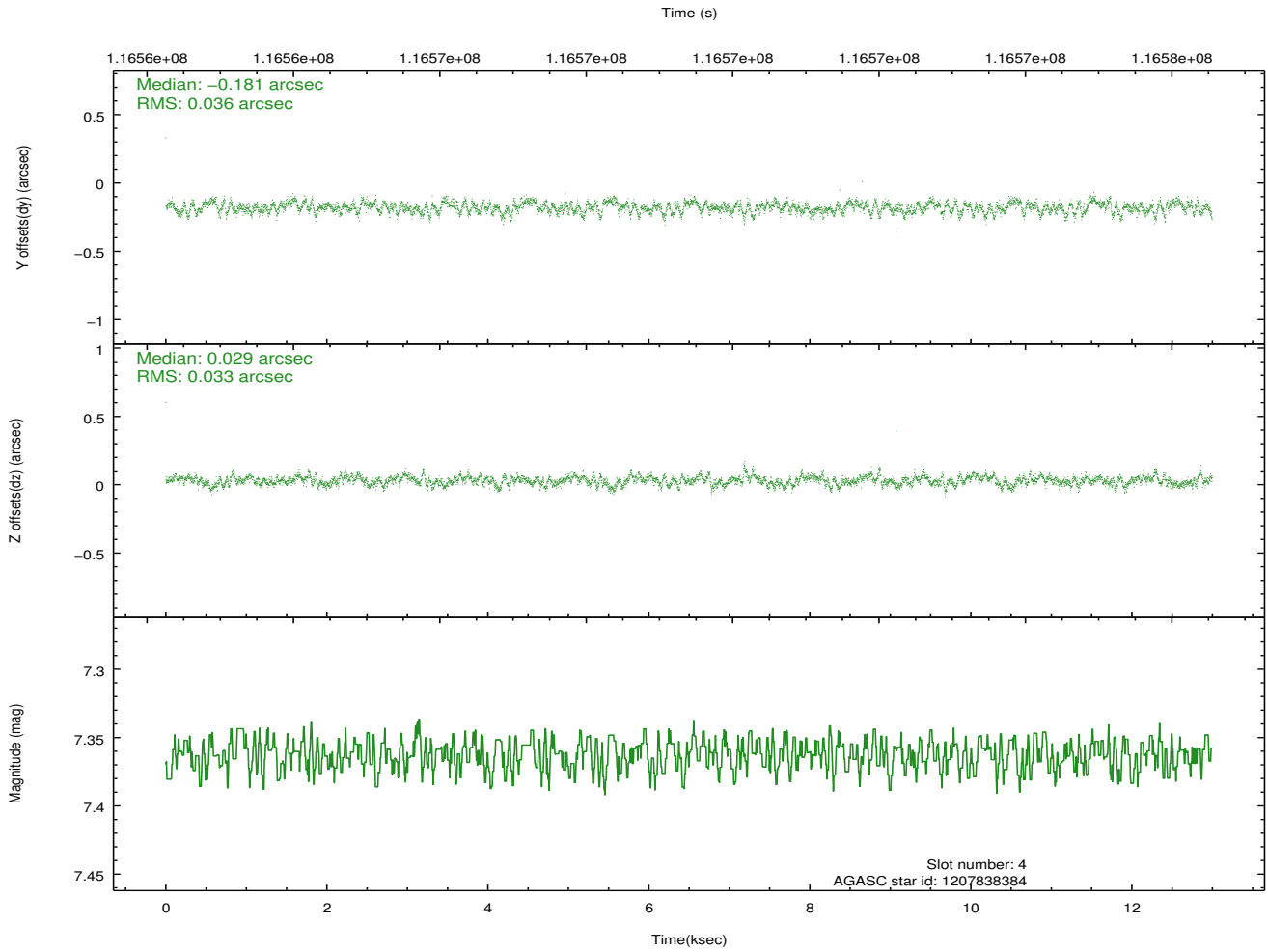
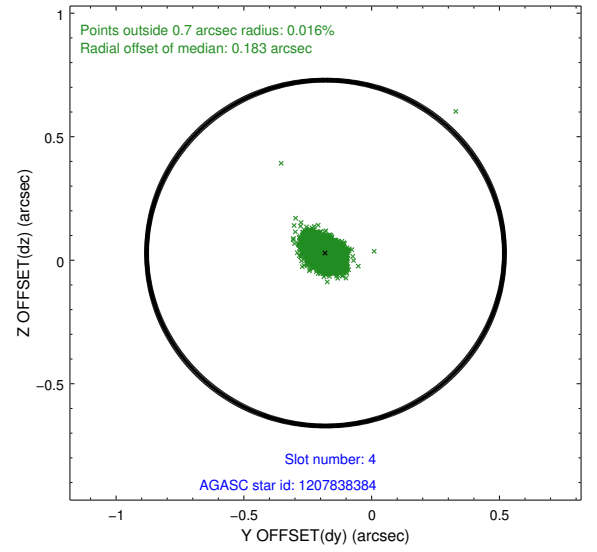
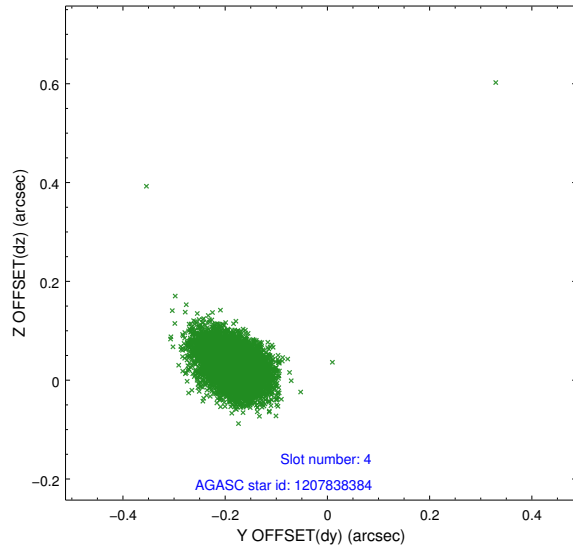
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	3171	-0.002	0.031	0.012	0.019	0.000000	0.000000	936.98	-830.63
1	FID	ACIS-I-5	7.24	3171	-0.044	0.055	0.007	0.011	0.000000	0.000000	-1810.92	1066.75
2	FID	ACIS-I-6	7.26	3171	-0.044	-0.016	0.013	0.021	0.000000	0.000000	402.13	1711.56
3	GUIDE	1207852800	8.15	6339	0.069	-0.082	0.071	0.111	159.627916	-70.309822	1028.11	-1522.43
4	GUIDE	1207838384	7.36	6342	-0.181	0.029	0.050	0.084	158.645286	-70.352857	2171.18	-1155.46
5	GUIDE	1207829392	8.62	6340	0.121	0.082	0.065	0.108	158.785085	-70.613698	1830.75	-264.35
6	GUIDE	1207966152	8.71	6342	-0.074	-0.008	0.064	0.101	162.252920	-70.617188	-2262.58	-906.15
7	GUIDE	1207964520	8.92	6341	0.064	-0.019	0.071	0.114	162.086587	-71.109056	-2300.41	875.03

2.4 Star Slots

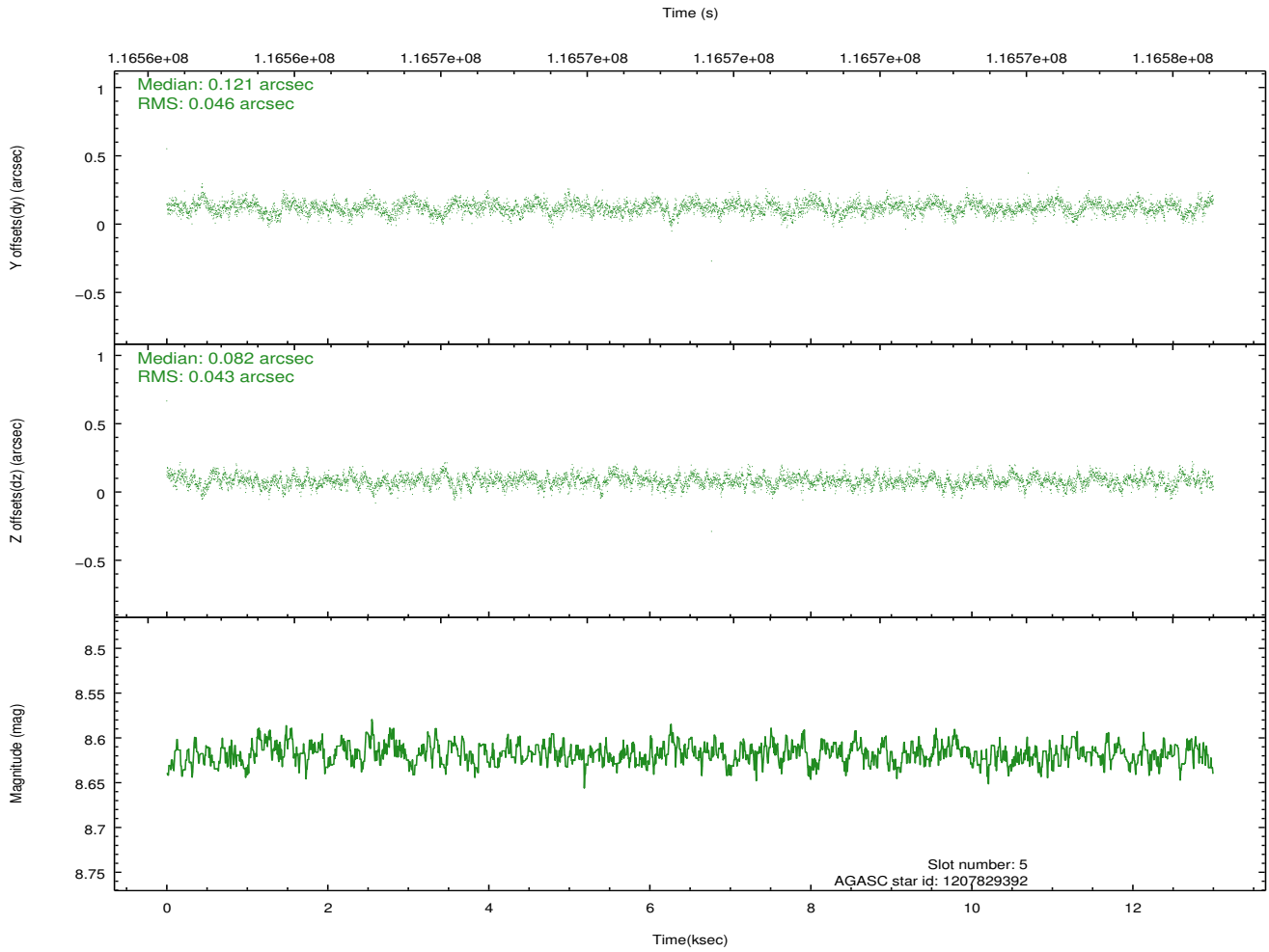
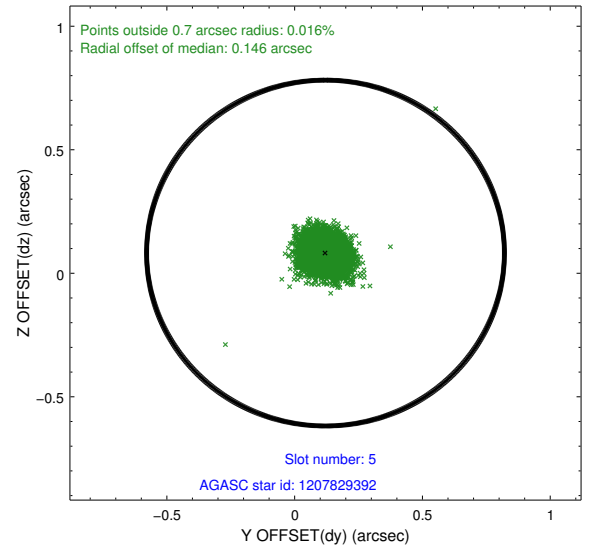
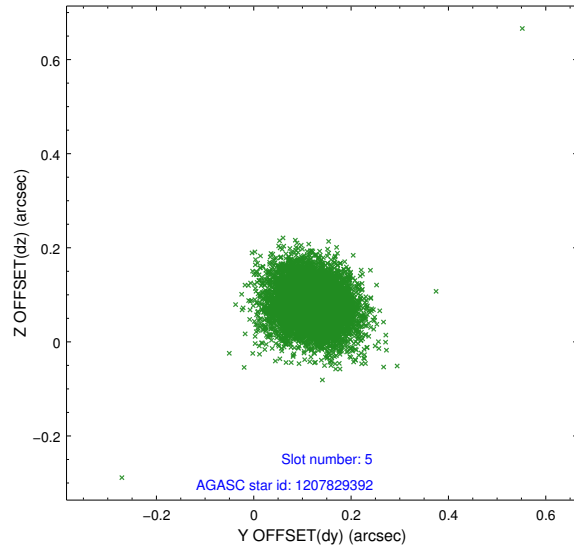
2.4.1 Slot 3



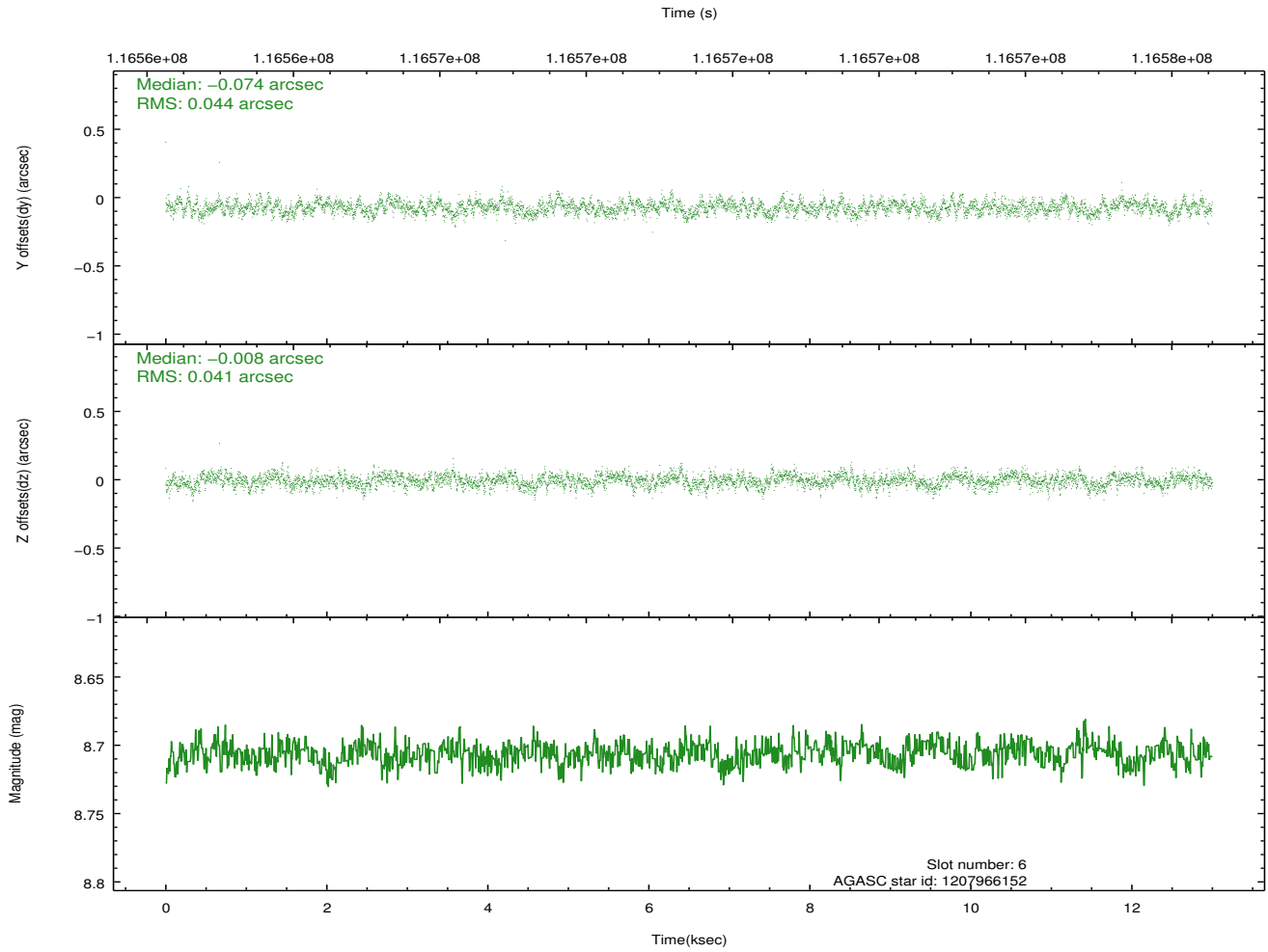
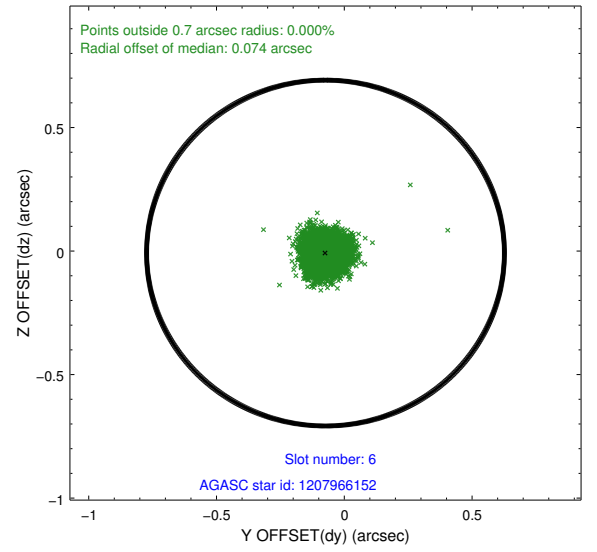
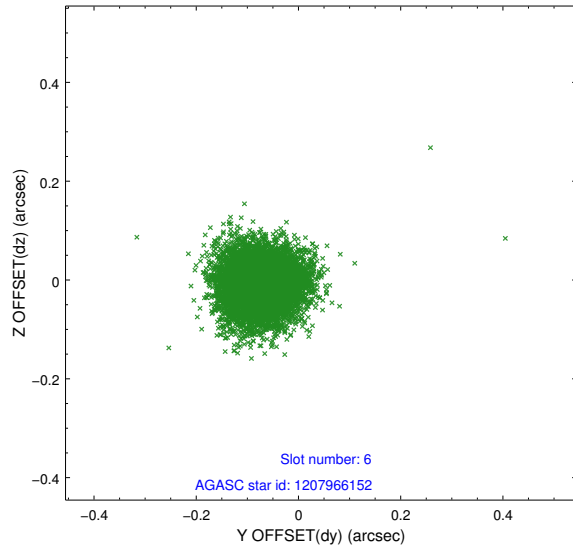
2.4.2 Slot 4



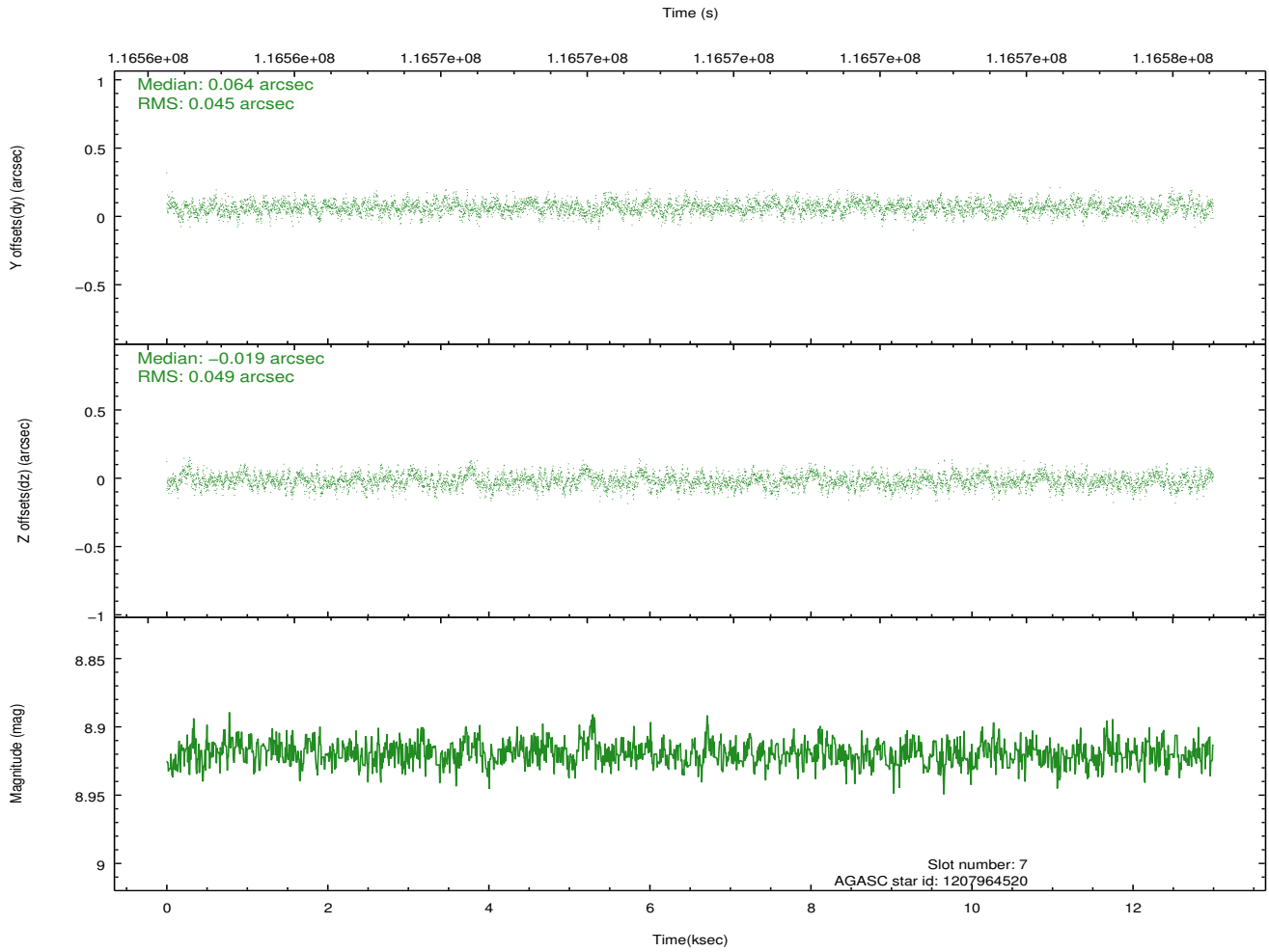
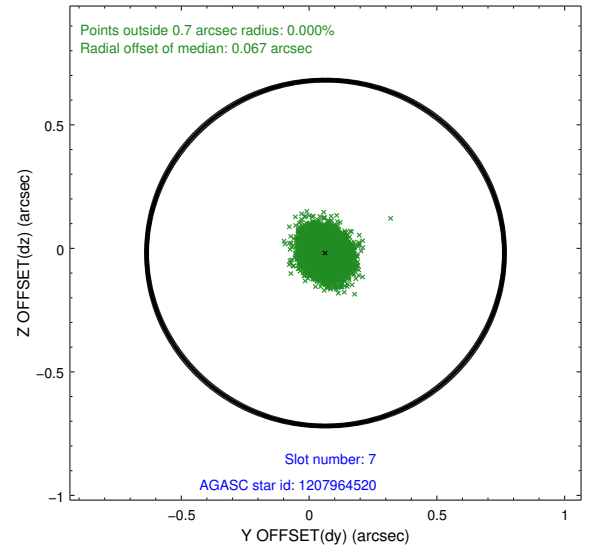
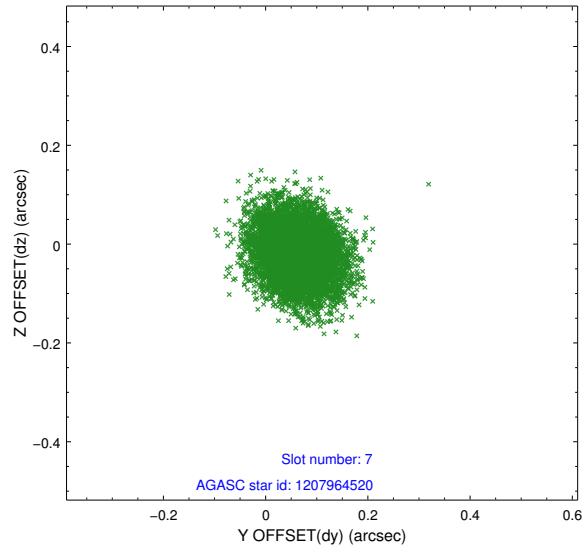
2.4.3 Slot 5



2.4.4 Slot 6

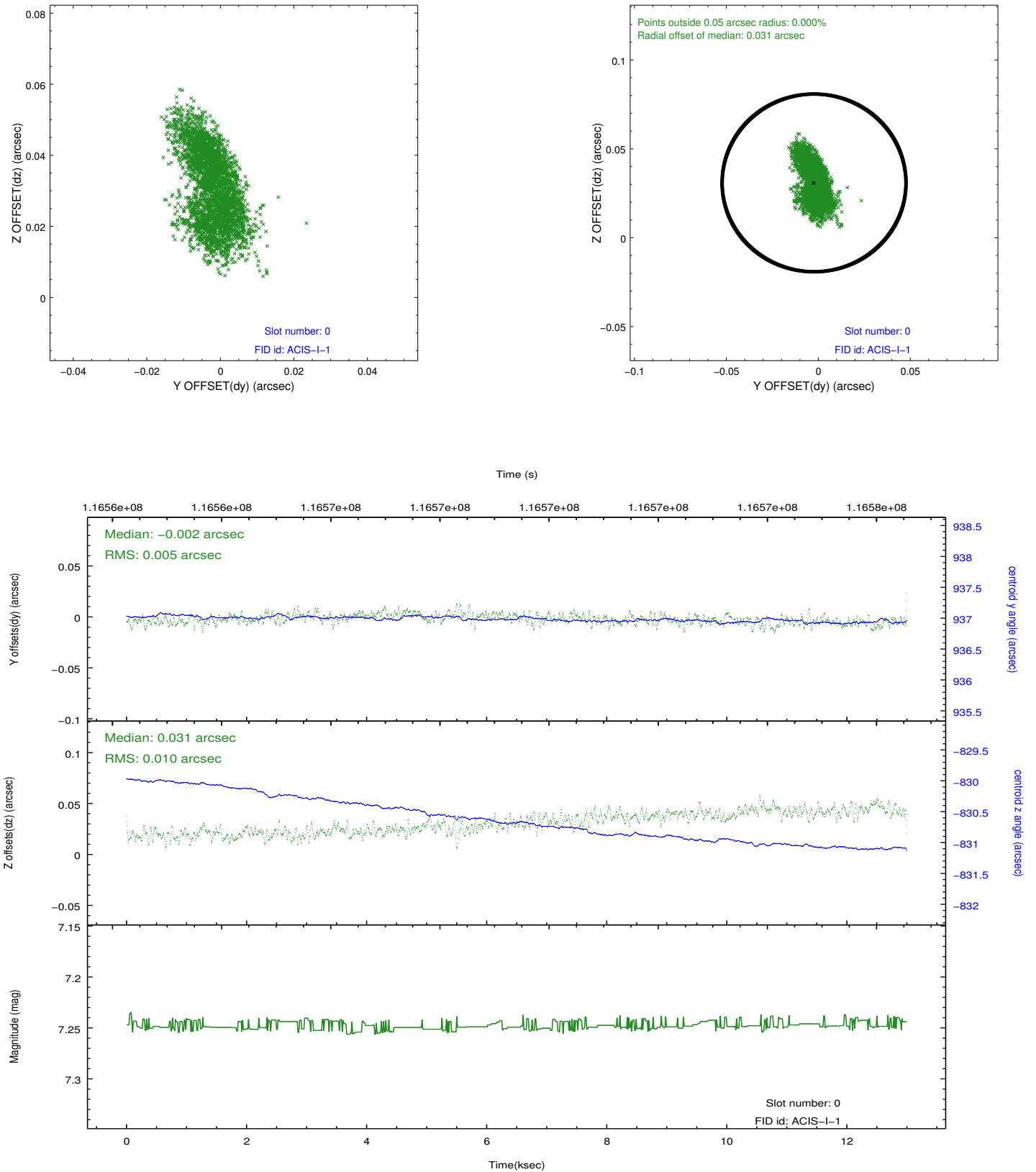


2.4.5 Slot 7

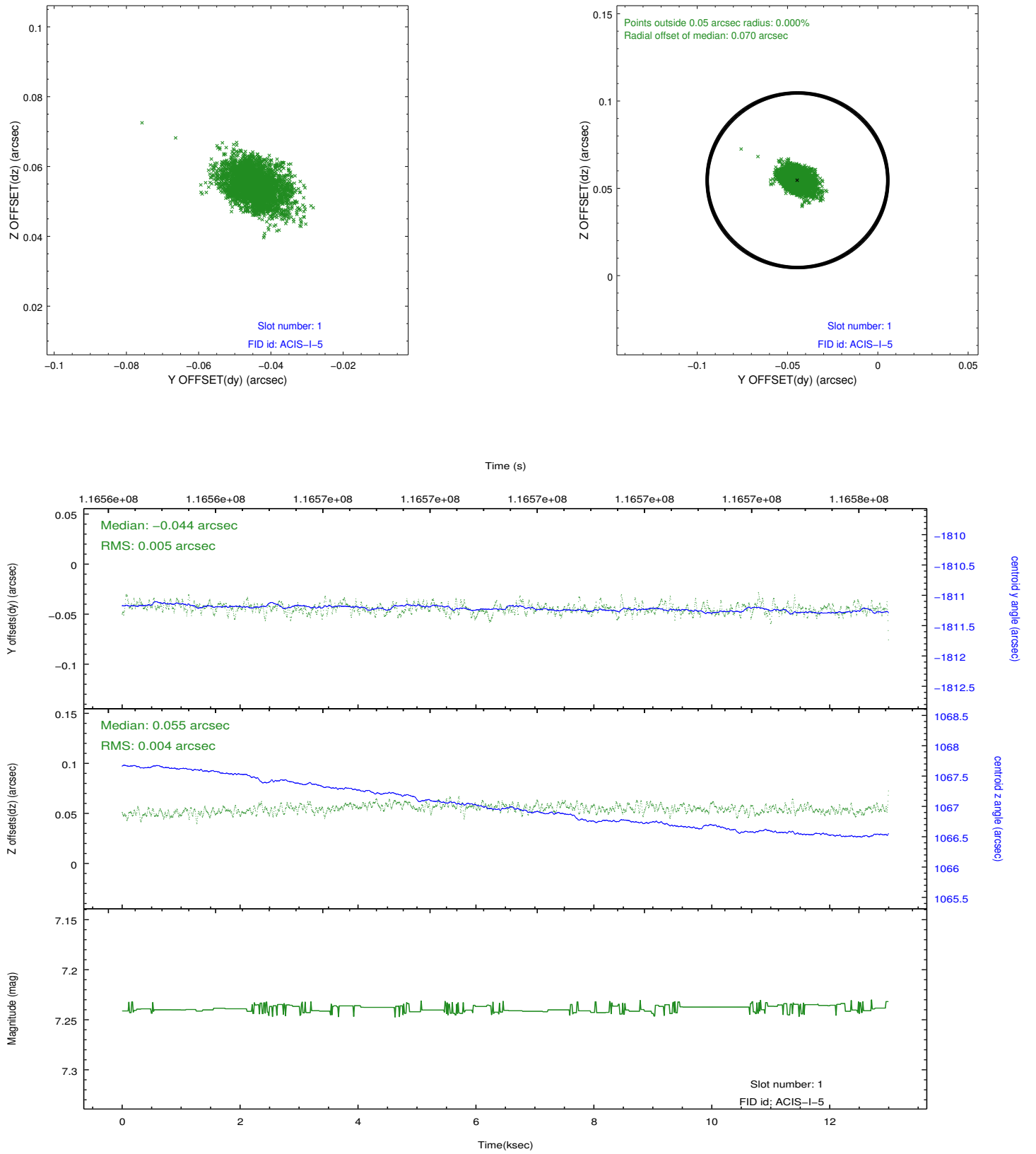


2.5 FID Slots

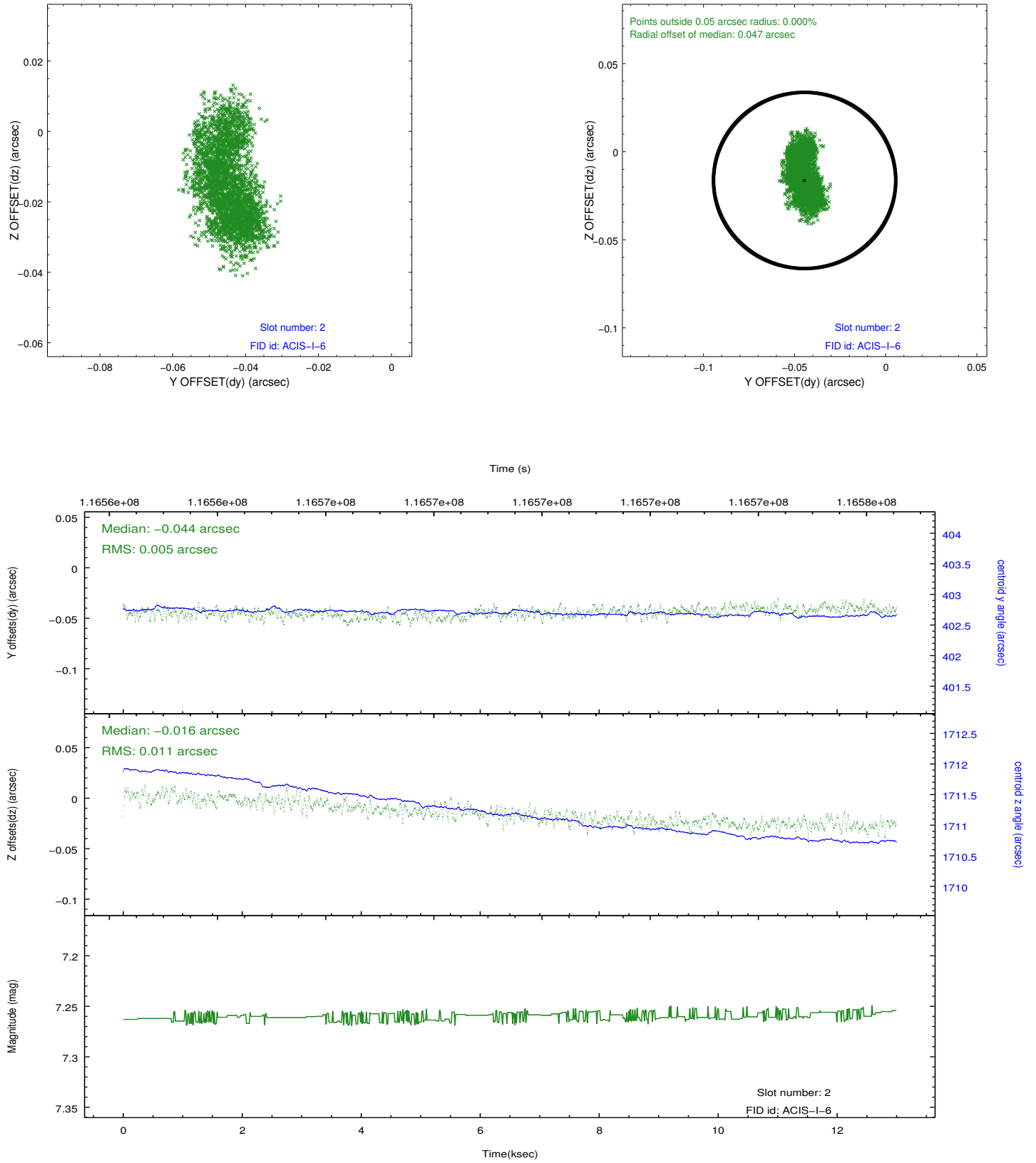
2.5.1 Slot 0



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)	2012.09.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.966

A.2 Comments