

V&V Reference Report

L2 ASCDS Version : 10.4.1

Observation 16692 - L2 Version 1
Chandra X-Ray Center

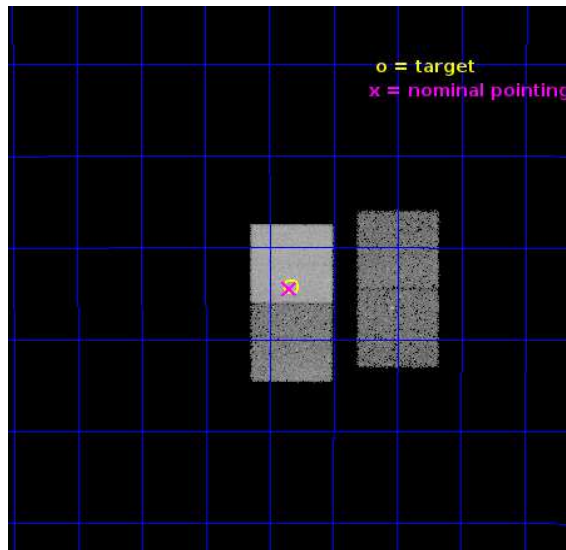
L2 Processing Date : Jul 12 2015

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1 Front

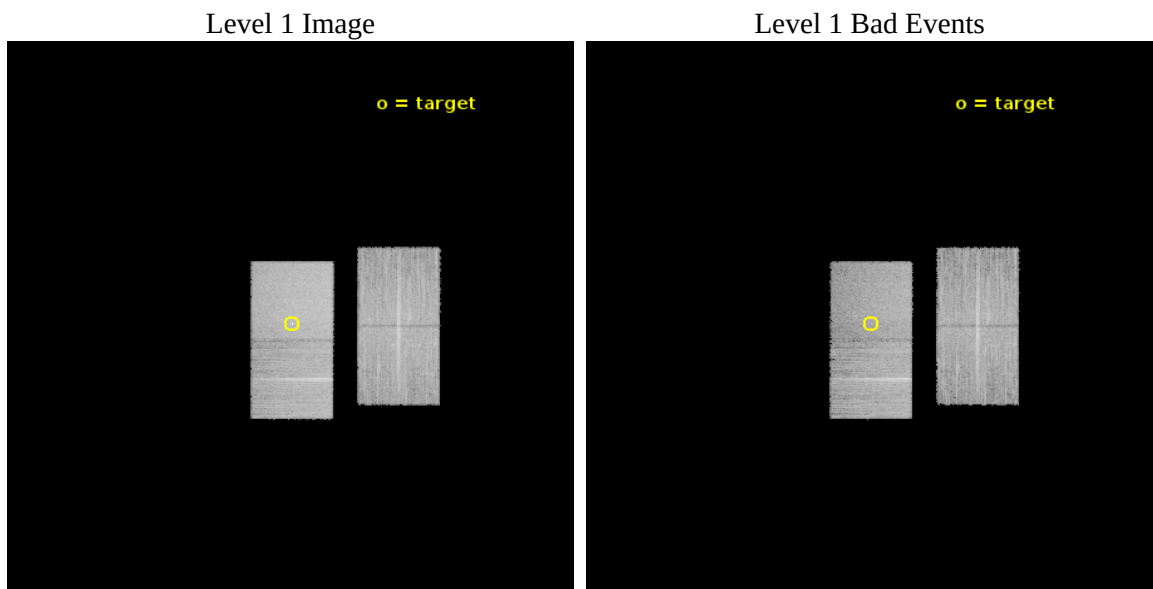
seq_num	300336	Sequence number
obs_id	16692	Observation id
title	Is the Nova V2672 Oph a Luminous X-ray Source in Quiescence?	Propo
observer	Dr Koji Mukai	Principal investigator
object	V2672 Oph	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	264.582083	Observer's specified target RA [deg]
dec_targ	-26.737194	Observer's specified target Dec [deg]
ra_nom	264.58590667075	Nominal RA [deg]
dec_nom	-26.741404146612	Nominal Dec [deg]
roll_nom	270.15834992259	Nominal Roll [deg]
revision	1	Processing version of data
ontime	22077.603183746	Sum of GTIs [s]
livetime	21789.143044856	Livetime [s]
ontime2	22077.480063796	Sum of GTIs [s]
ontime3	22077.52110374	Sum of GTIs [s]
ontime6	22077.562143803	Sum of GTIs [s]
ontime7	22077.603183746	Sum of GTIs [s]
l2events	111114	Number of level 2 events



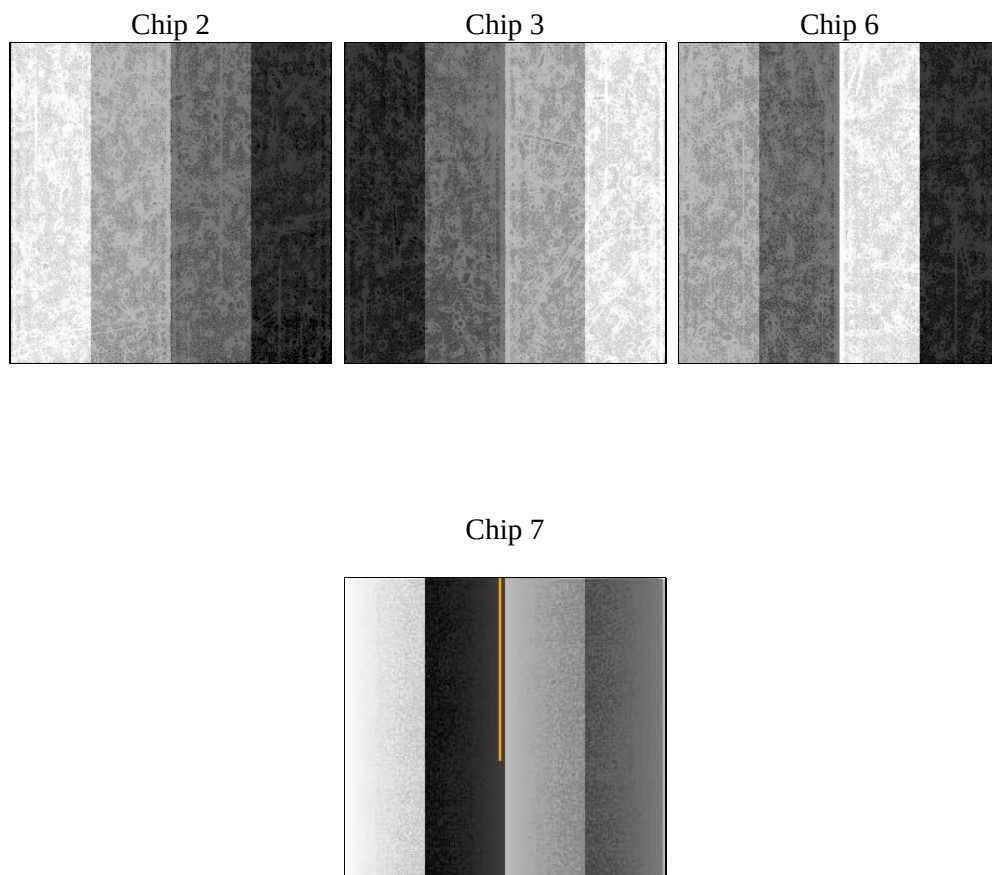
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	22000.000000	[s] Scheduled observation exposure time
ascdsver	10.4.1	Processing system revision	ontime	22077.603183746	Sum of GTIs [s]
caldsver	4.6.8	 	ontime2	22077.480063796	Sum of GTIs [s]
date	2015-07-12T18:16:03	Date and time of file creation	ontime3	22077.52110374	Sum of GTIs [s]
revision	1	Processing version of data	ontime6	22077.562143803	Sum of GTIs [s]
			ontime7	22077.603183746	Sum of GTIs [s]
			l1events	506541	Number of level 1 events

2.1.4 Events

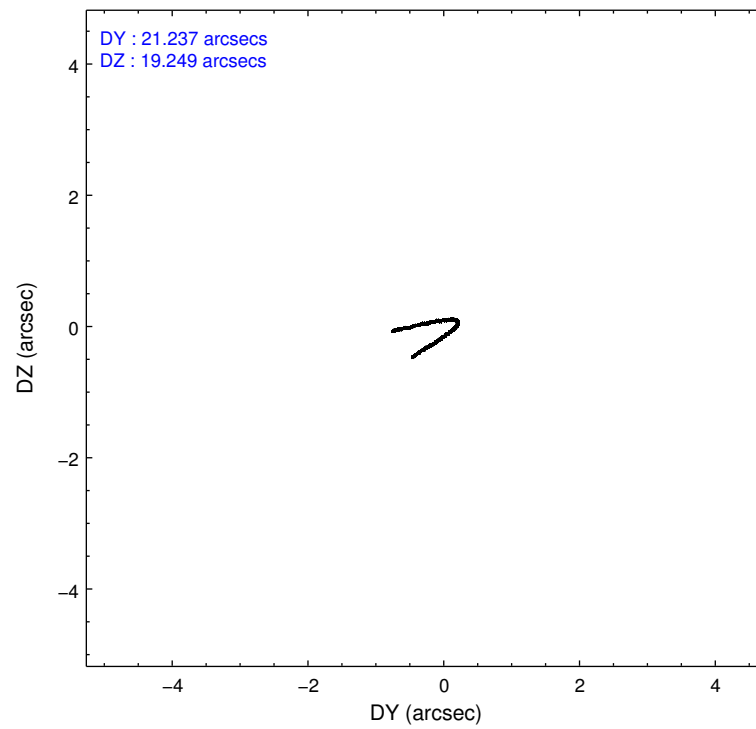
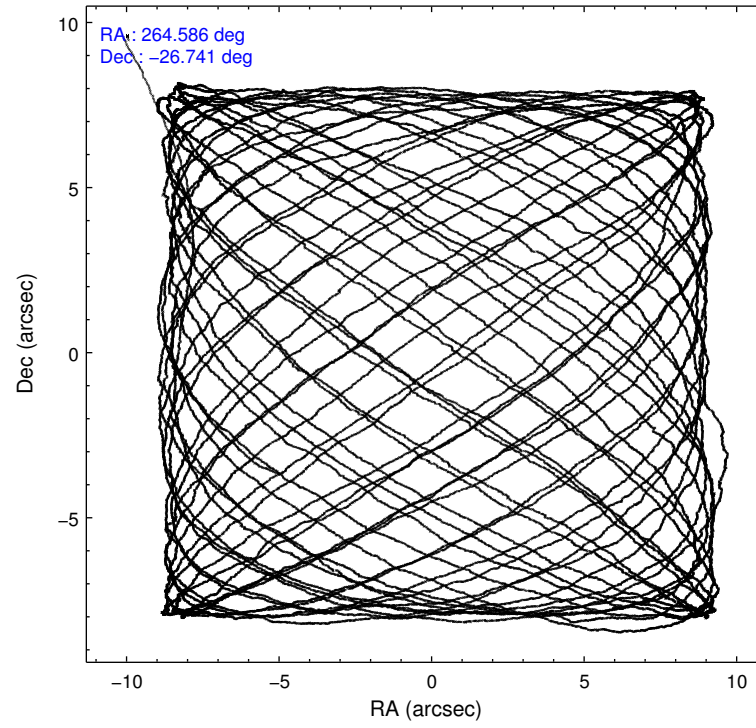
	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	113051	110954	125735	156801
rejected events	98263	97318	105699	86972
rejected %	86%	87%	84%	55%

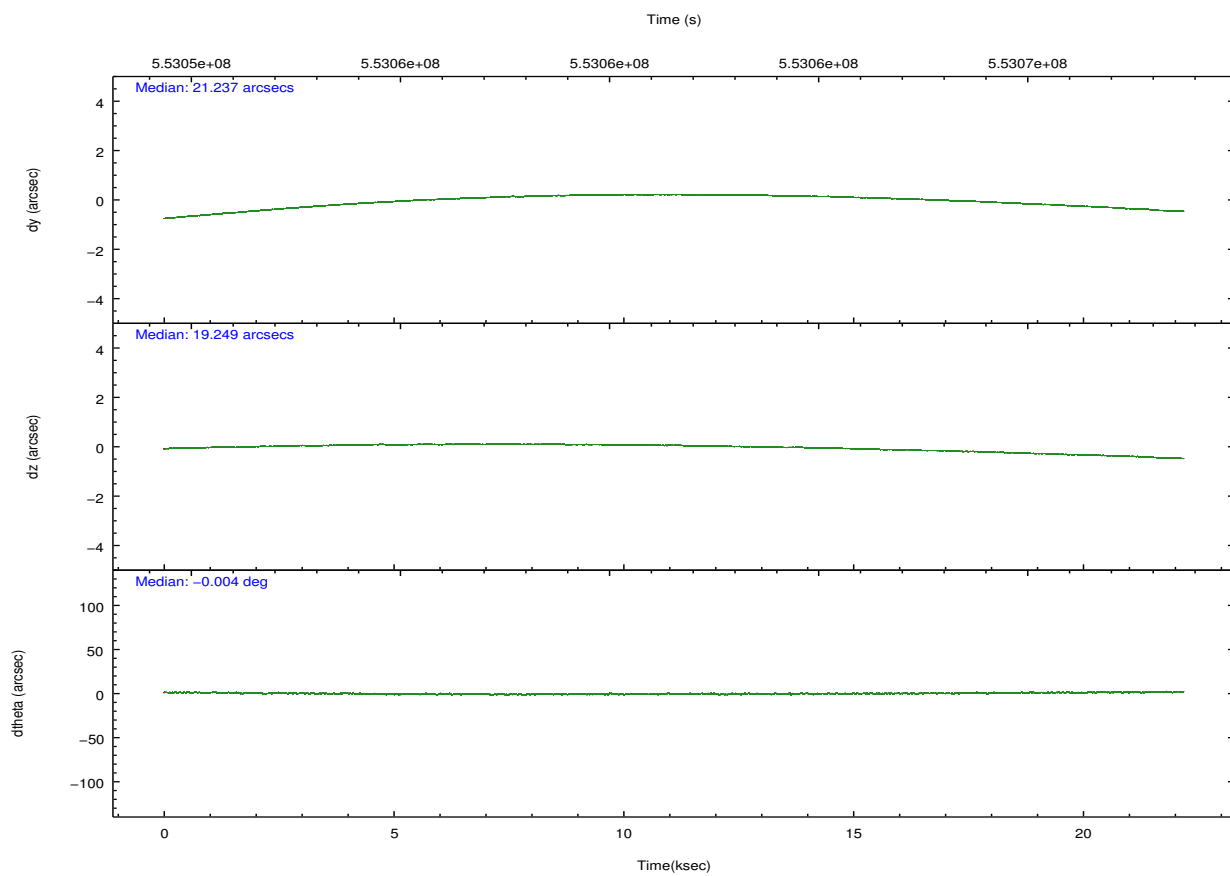
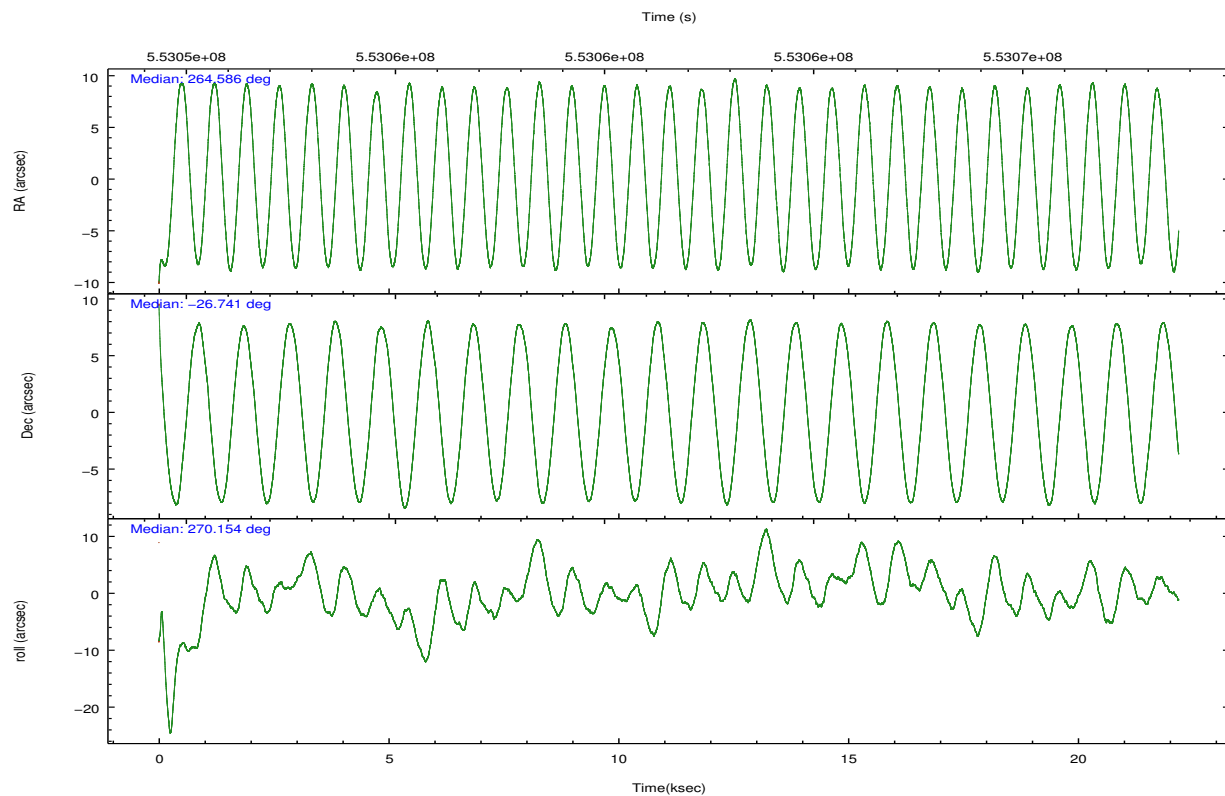
	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	6130	5210	9651	6508
	5%	4%	7%	4%
grade 1 events	59	56	64	207
	0%	0%	0%	0%
grade 2 events	3272	2917	3830	14743
	2%	2%	3%	9%
grade 3 events	1375	1418	1569	5758
	1%	1%	1%	3%
grade 4 events	1374	1361	1583	5699
	1%	1%	1%	3%
grade 5 events	4948	5705	5942	15655
	4%	5%	4%	9%
grade 6 events	2638	2731	3403	37127
	2%	2%	2%	23%
grade 7 events	93255	91556	99693	71104
	82%	82%	79%	45%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-2367	ACIS-2367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	CCD I0 on	N	N
Observation mode	POINTING	POINTING	CCD I1 on	N	N
[deg] Pointing RA	264.570149	264.585906670753	CCD I2 on	O1	Y
[deg] Pointing Dec	-26.717864	-26.74140414661229	CCD I3 on	O2	Y
[deg] Pointing Roll	269.994636	270.1583499225924	CCD S0 on	N	N
[mm] SIM focus pos	-0.684267	-0.6828225247311905	CCD S1 on	N	N
[mm] SIM defocus	0	0.001444936568705701	CCD S2 on	O3	Y
[mm] SIM translation stage pos	-190.132523	-190.1425803651734	CCD S3 on	Y	Y
[mm] SIM translation stage offset	0	0.01005778216563158	CCD S4 on	N	N
[s] Observation start time (MET)	553050613.184000	553049133.78128	CCD S5 on	N	N
Observation start date	2015-07-12T01:09:05	2015-07-12T00:45:33	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	553072613.184000	553073809.12017	On-chip summing requested	N	N
Observation end date	2015-07-12T07:15:45	2015-07-12T07:36:49	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.1

2.3 Aspect



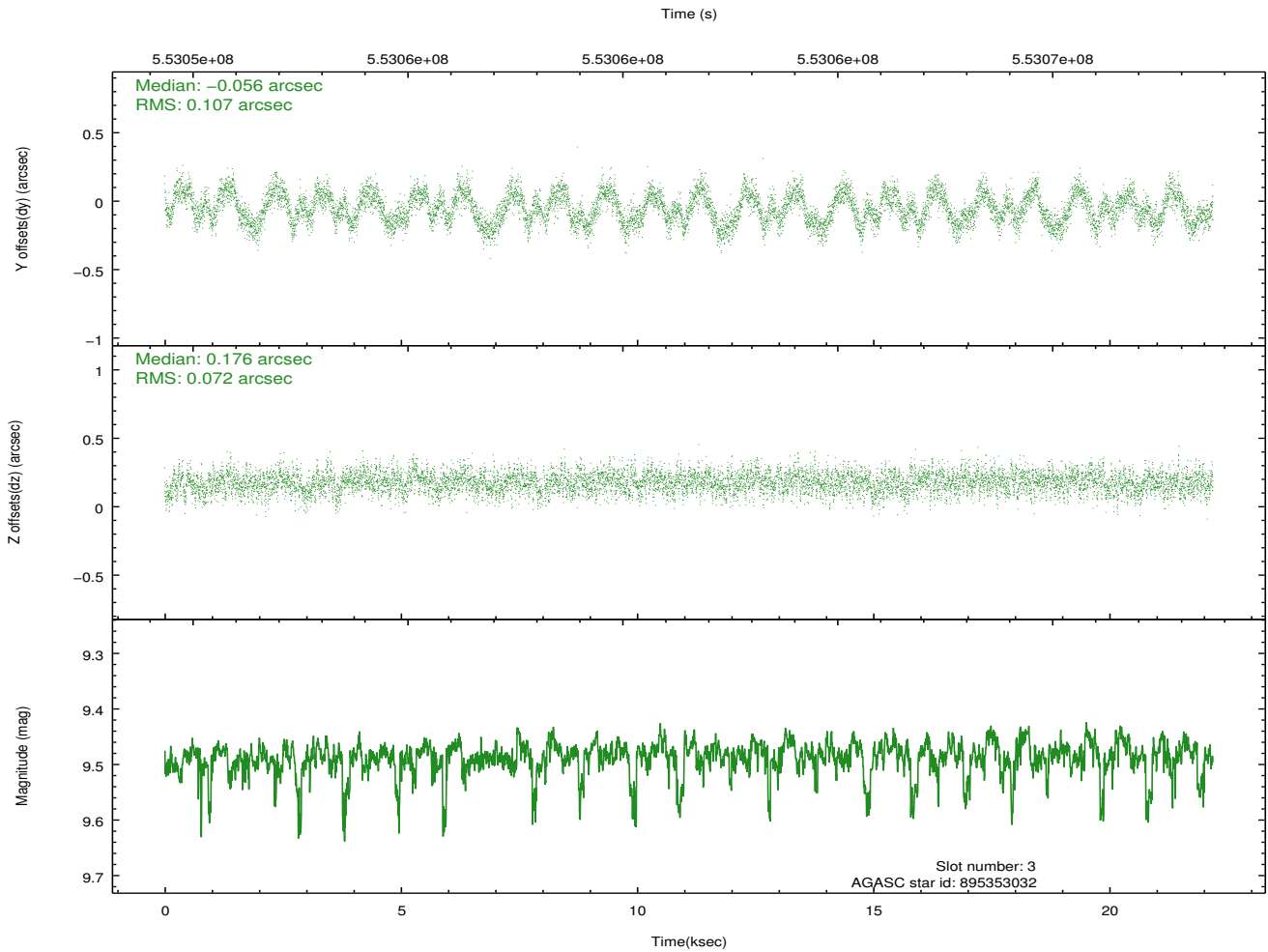
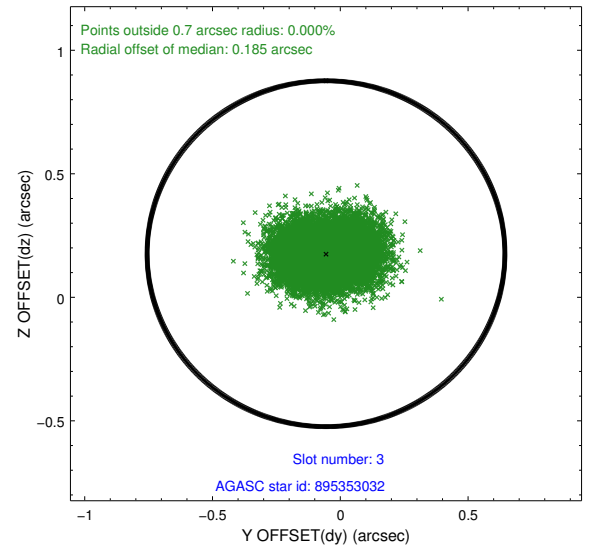
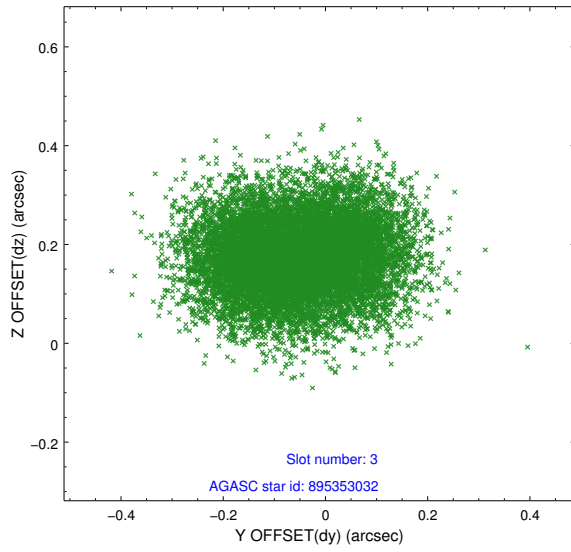


Slot Statistics

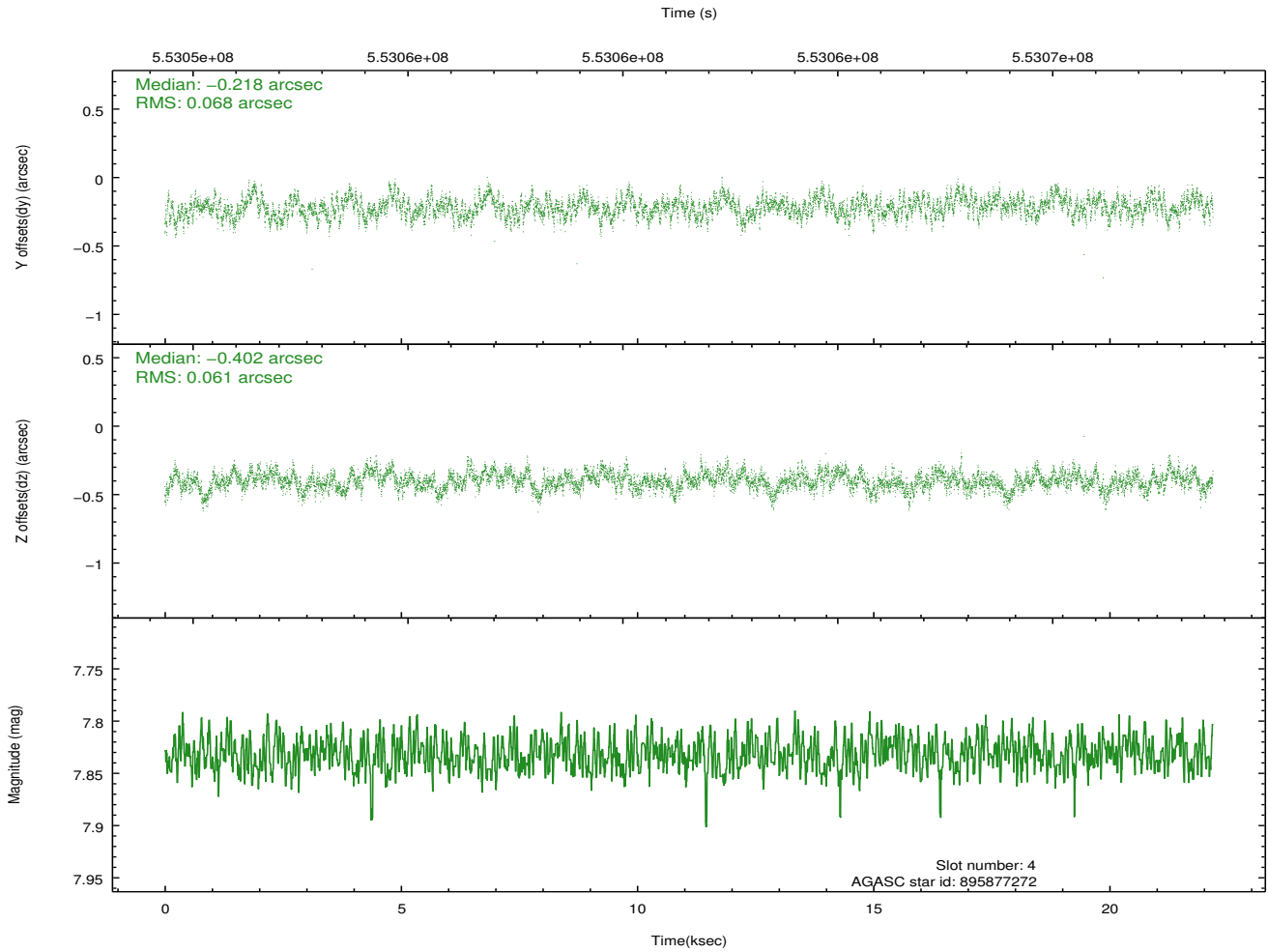
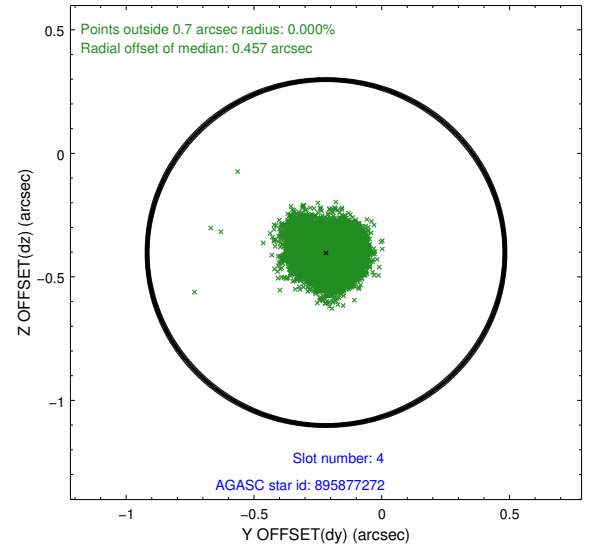
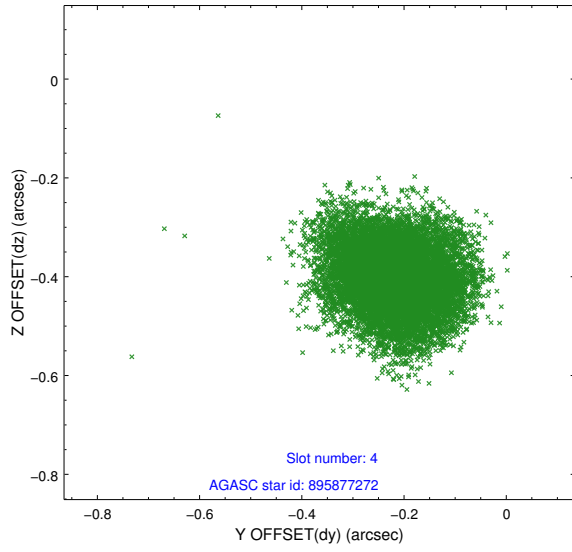
slot	status	used	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID		ACIS-S-2	7.06	5411	-0.156	-0.100	0.011	0.018	0.000000	0.000000	-774.46	-1740.73
1	FID		ACIS-S-4	7.16	5412	0.356	0.102	0.007	0.015	0.000000	0.000000	2139.26	167.79
2	FID		ACIS-S-5	7.17	5412	-0.232	0.008	0.010	0.015	0.000000	0.000000	-1827.18	161.54
3	GUIDE	used	895353032	9.49	10762	-0.056	0.176	0.140	0.216	264.403646	-26.223012	-1780.65	-537.52
4	GUIDE	used	895877272	7.83	10820	-0.218	-0.402	0.098	0.157	264.774842	-26.937569	792.63	656.85
5	GUIDE	used	895878272	9.42	10813	0.039	0.000	0.162	0.255	263.965944	-27.067577	1264.29	-1936.03
6	GUIDE	used	895880152	8.23	10822	-0.077	-0.045	0.083	0.137	264.267852	-27.098682	1372.78	-968.46
7	GUIDE	used	895881920	9.44	10817	0.311	0.264	0.186	0.285	263.913988	-26.630022	-309.55	-2111.09

2.4 Star Slots

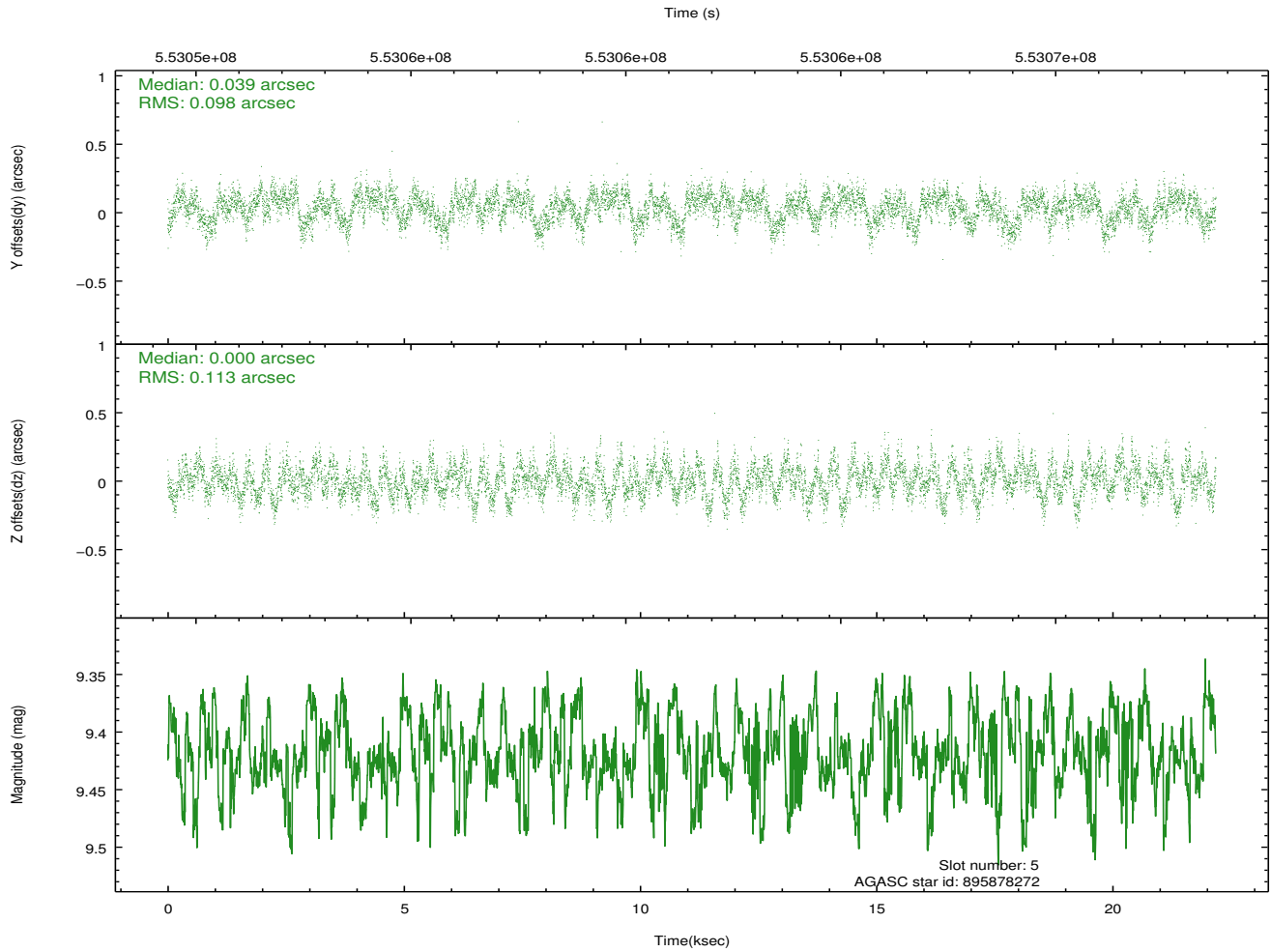
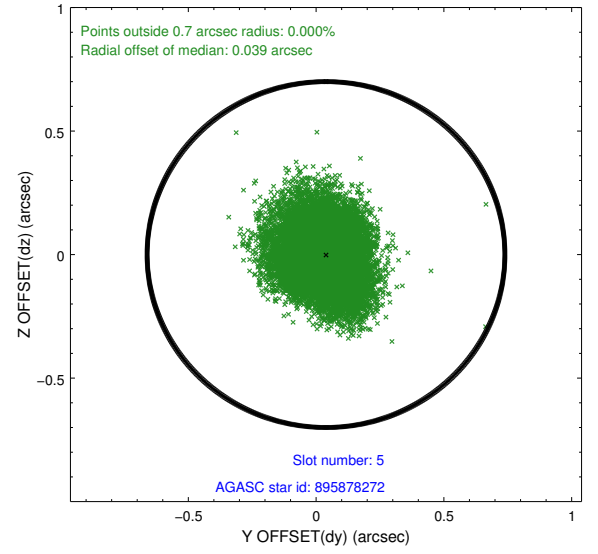
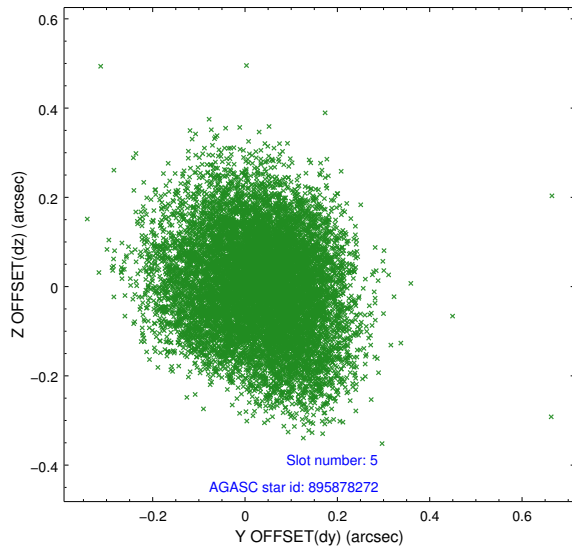
2.4.1 Slot 3



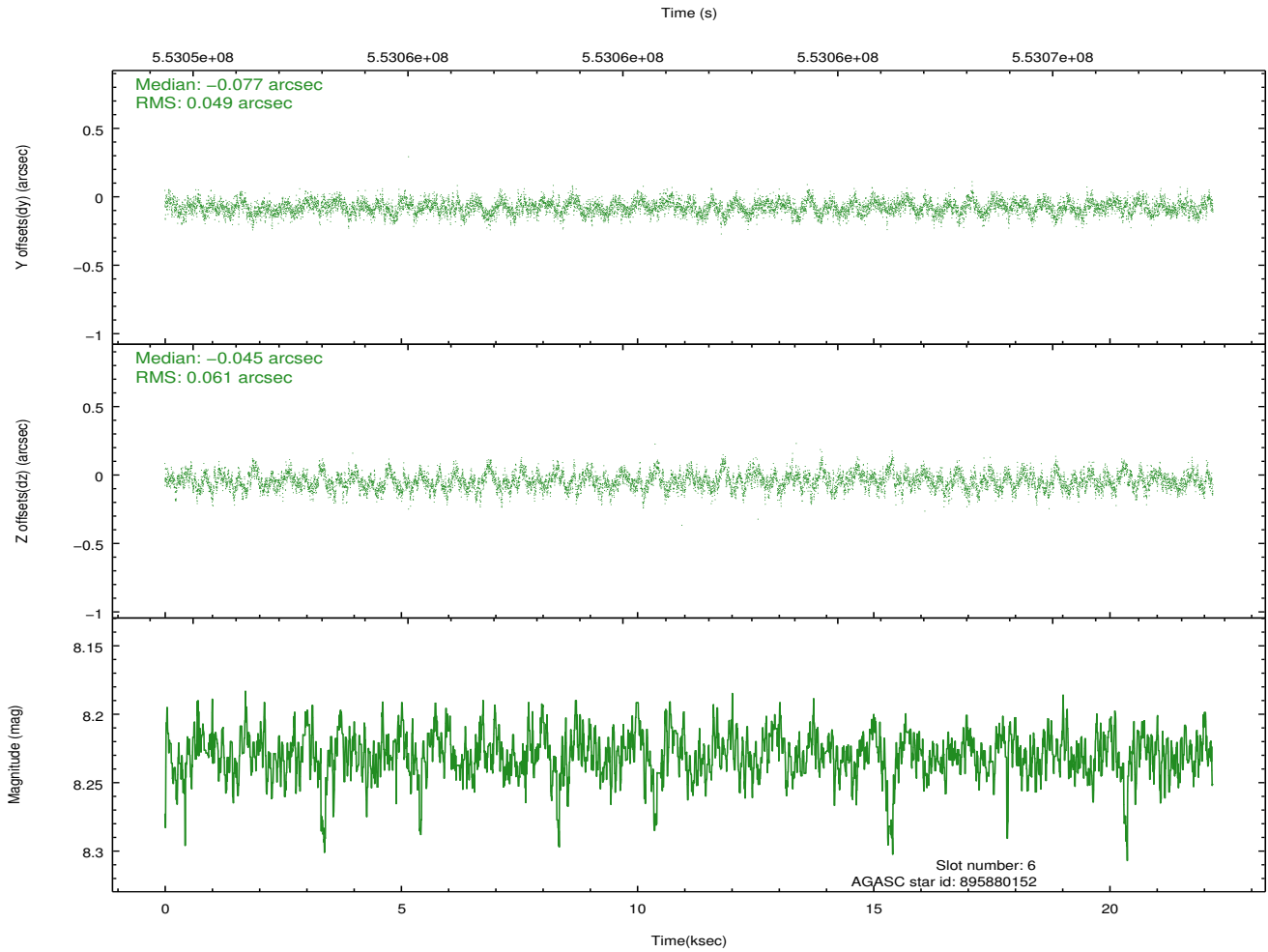
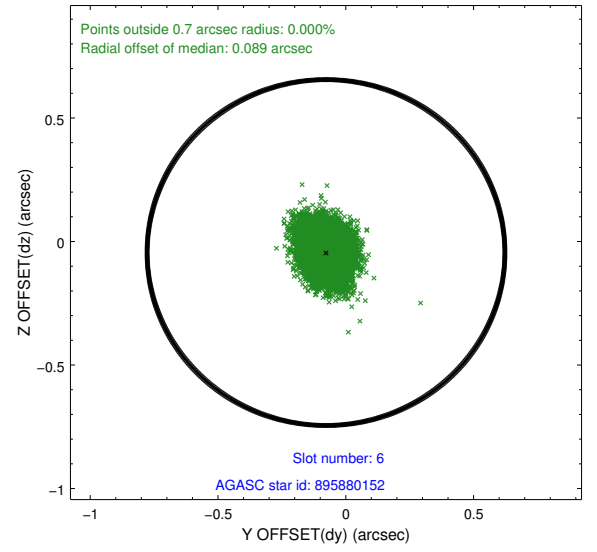
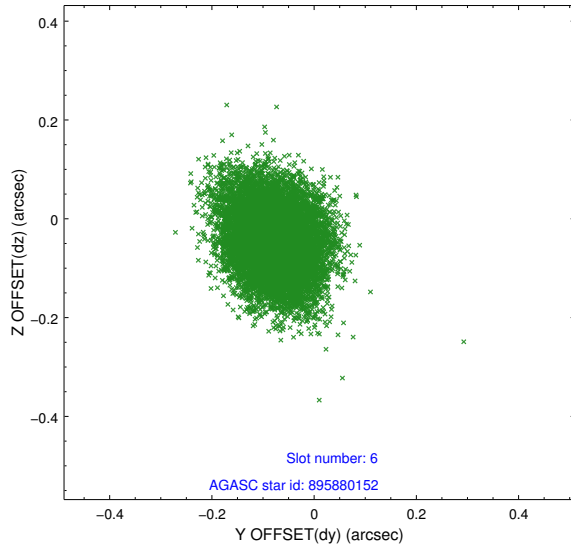
2.4.2 Slot 4



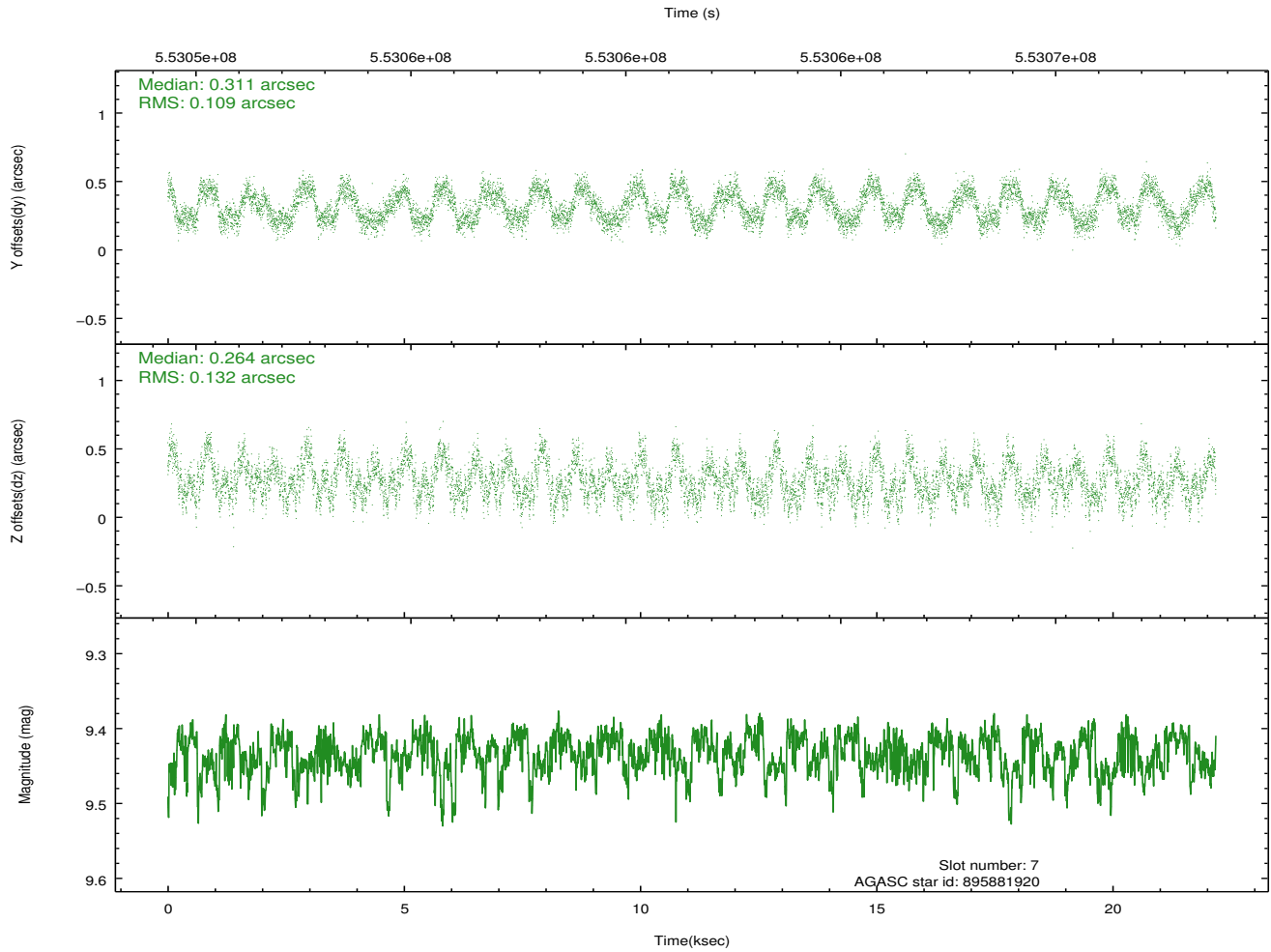
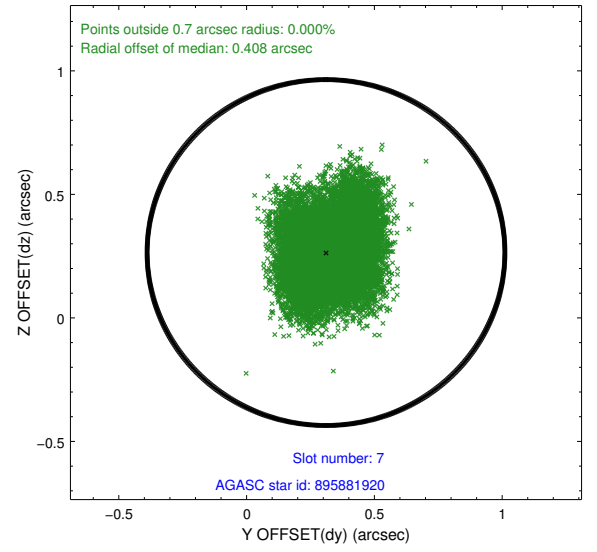
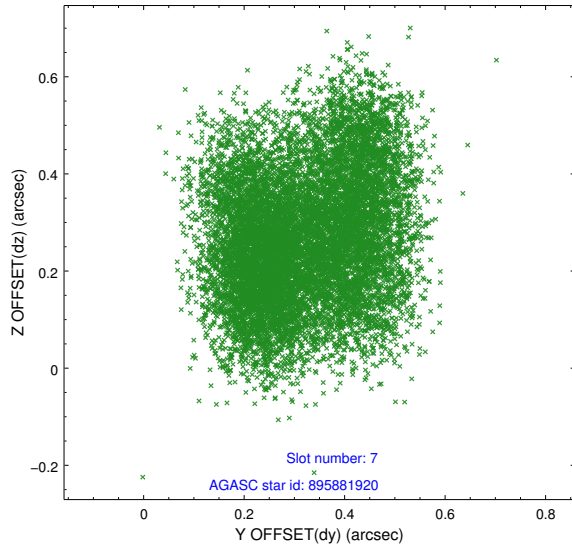
2.4.3 Slot 5



2.4.4 Slot 6

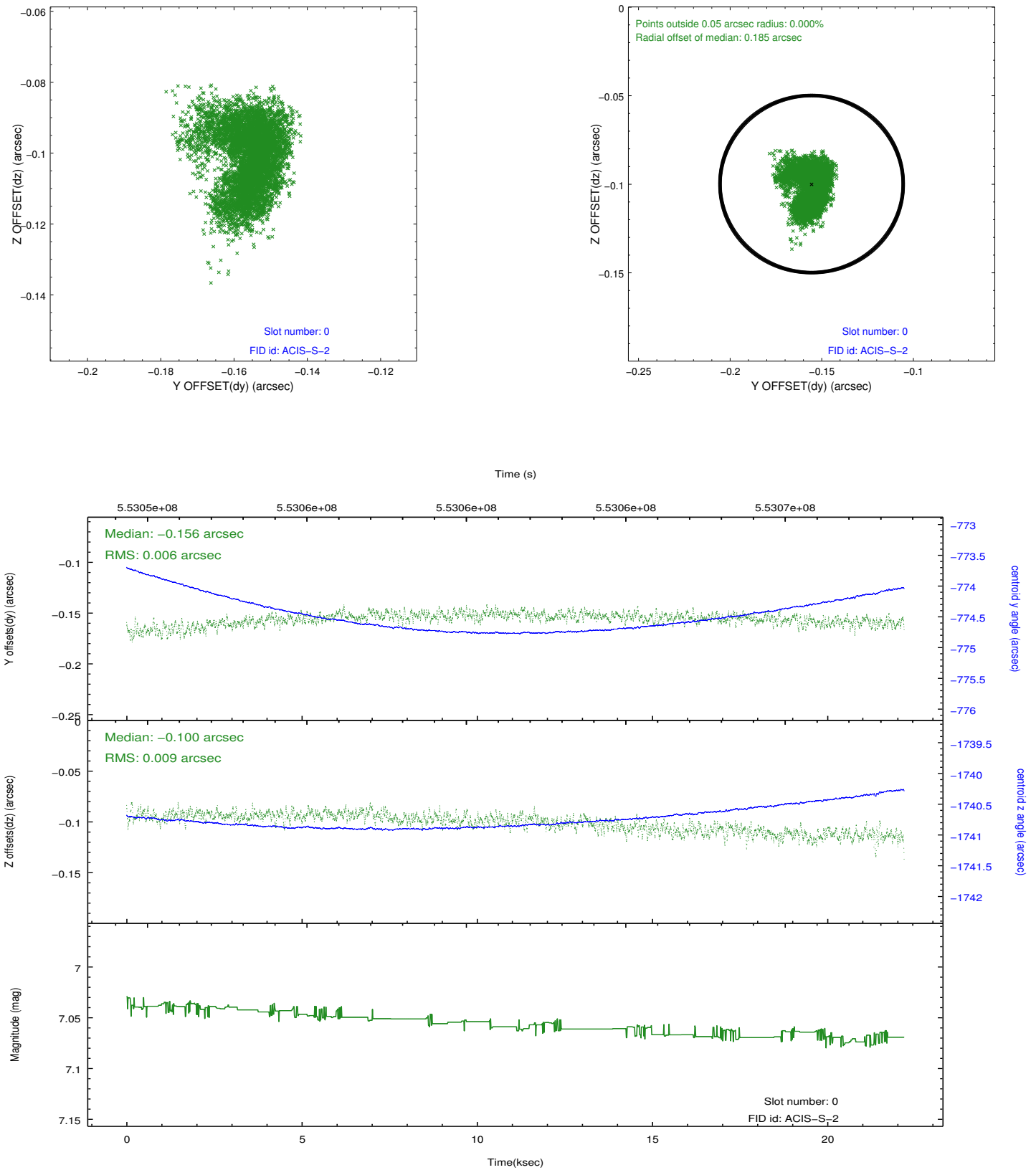


2.4.5 Slot 7

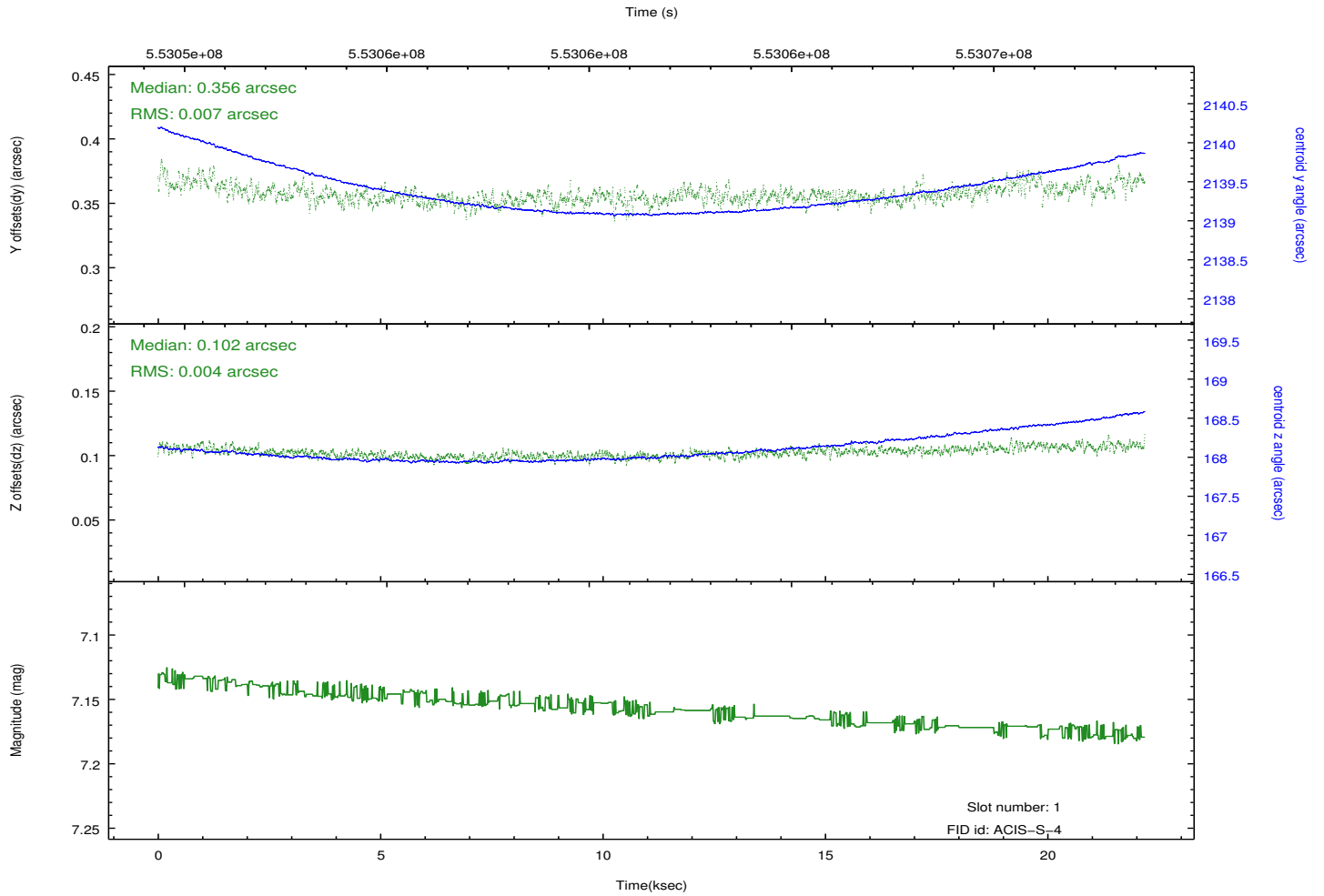
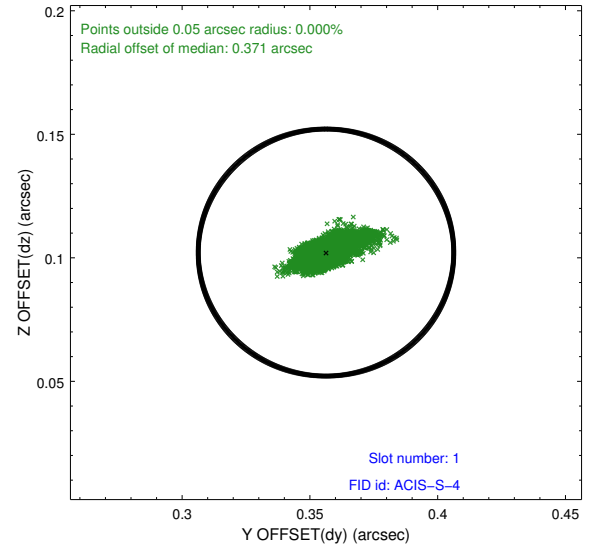
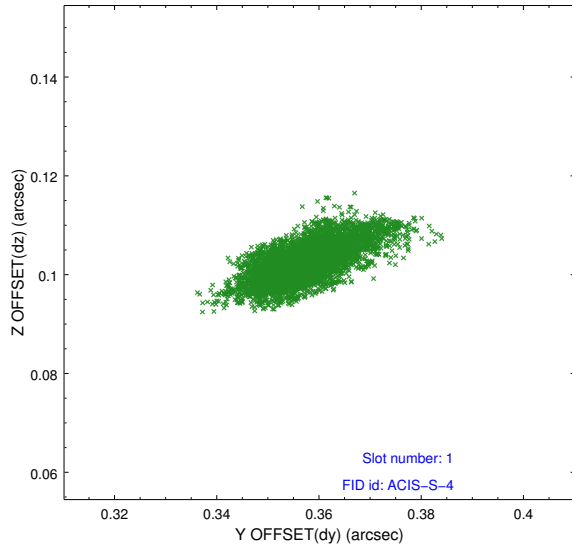


2.5 FID Slots

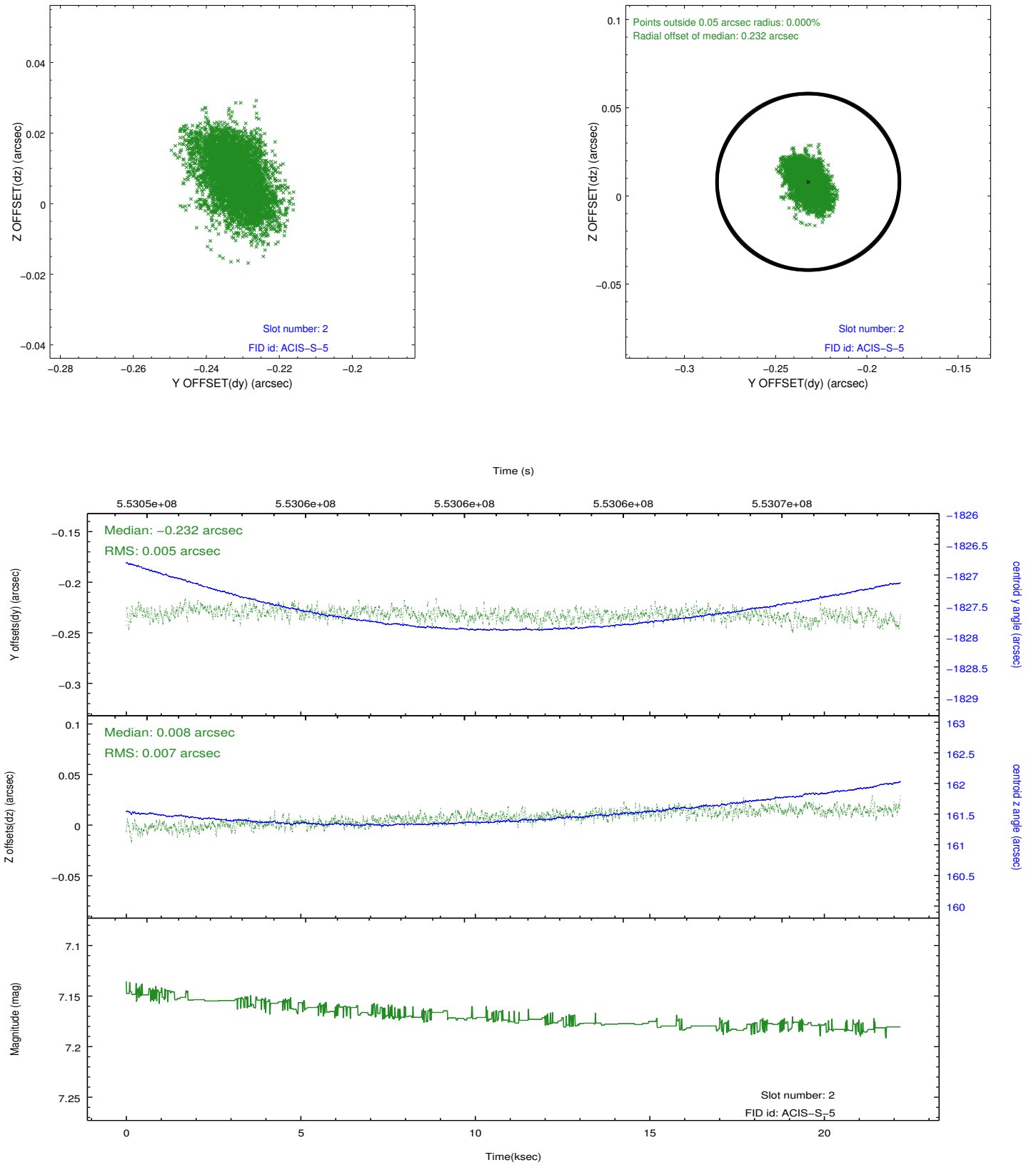
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	22.077603183746

A.2 Comments