

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 4242 - L2 Version 3
Chandra X-Ray Center

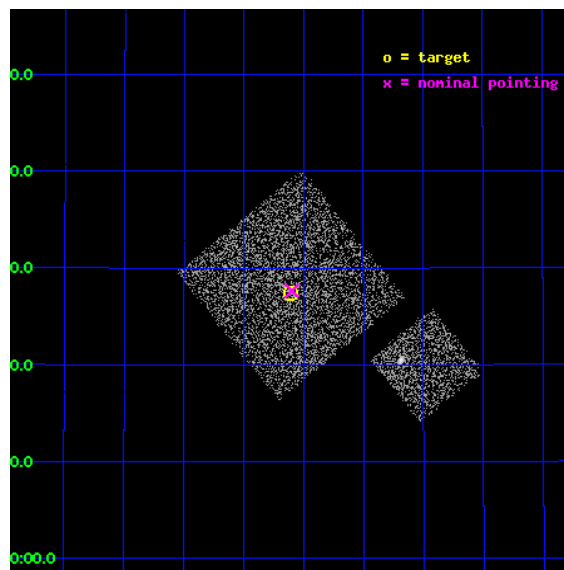
L2 Processing Date : Oct 24 2012

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1 Front

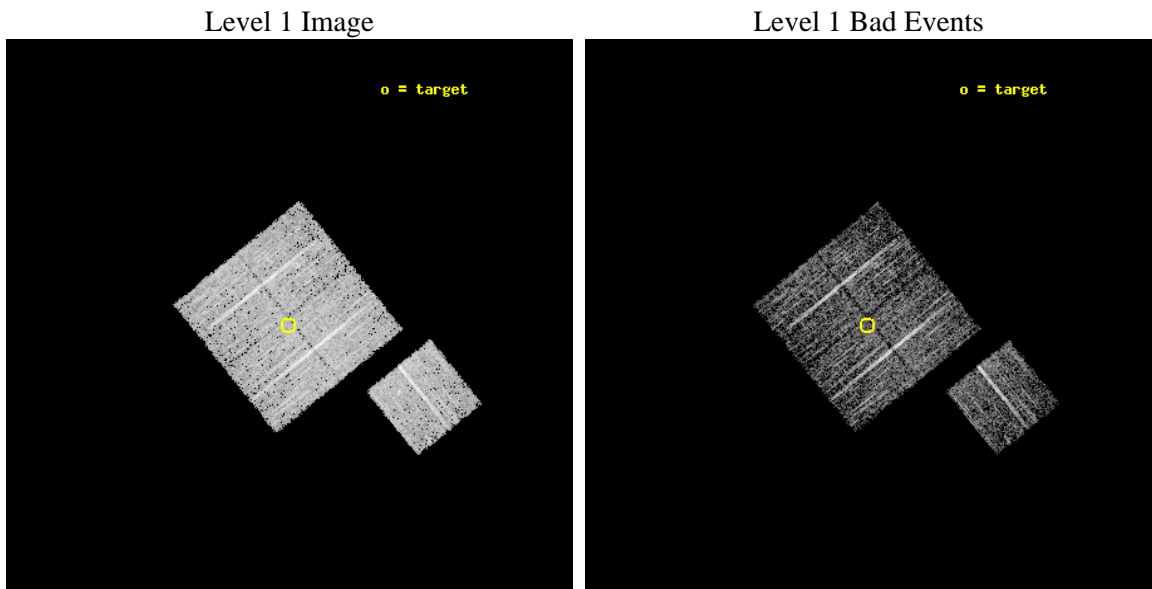
seq_num	900285	Sequence number
obs_id	4242	Observation id
title	A CHANDRA WIDE-FIELD SURVEY TO MAP THE COSMIC WEB AND INVESTIGATE THE EVOLUTION OF NUCLEAR ACCRETION	Proposal title
observer	Dr. Christine Jones	Principal investigator
object	SS5	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	216.527246	Observer's specified target RA [deg]
dec_targ	33.456918	Observer's specified target Dec [deg]
ra_nom	216.52463247858	Nominal RA [deg]
dec_nom	33.460973163916	Nominal Dec [deg]
roll_nom	141.01013960458	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4773.7377393842	Sum of GTIs [s]
livetime	4711.3653414445	Livetime [s]
ontime0	4776.7556096315	Sum of GTIs [s]
ontime1	4773.6556593776	Sum of GTIs [s]
ontime2	4776.8376896381	Sum of GTIs [s]
ontime3	4773.7377393842	Sum of GTIs [s]
ontime6	4773.573579371	Sum of GTIs [s]
l2events	9707	Number of level 2 events



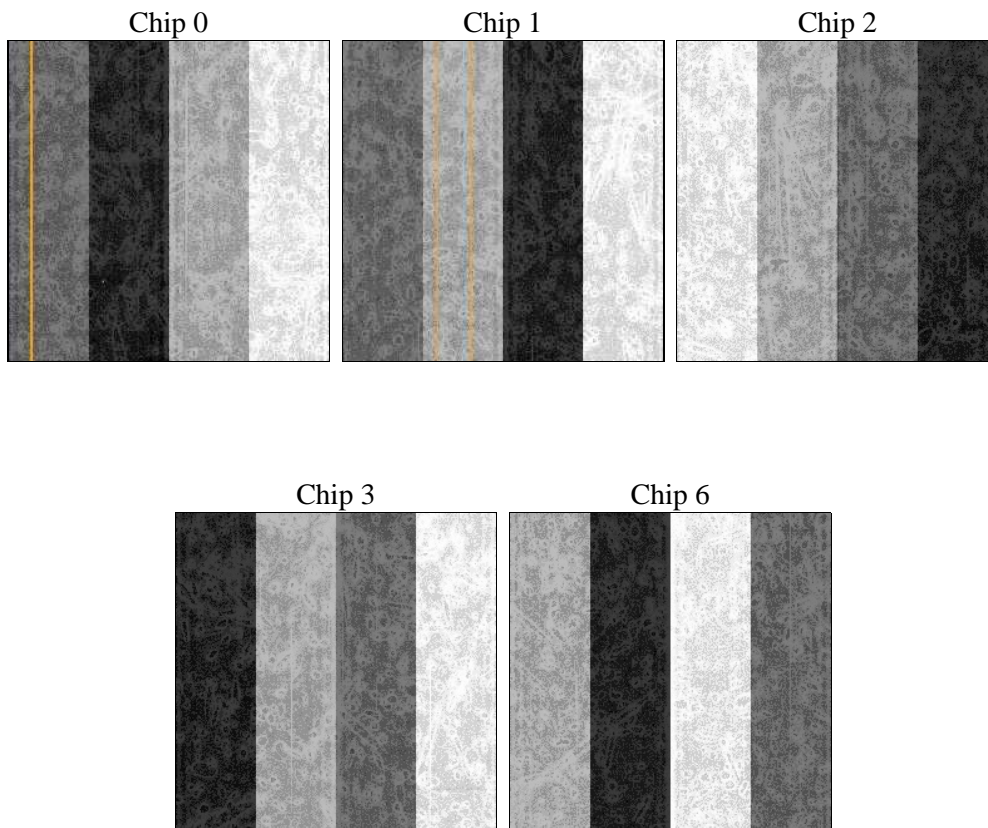
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	4773.7377393842	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	4776.7556096315	Sum of GTIs [s]
date	2012-10-24T20:51:47	Date and time of file creation	ontime1	4773.6556593776	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	4776.8376896381	Sum of GTIs [s]
			ontime3	4773.7377393842	Sum of GTIs [s]
			ontime6	4773.573579371	Sum of GTIs [s]
			l1events	121613	Number of level 1 events

2.1.4 Events

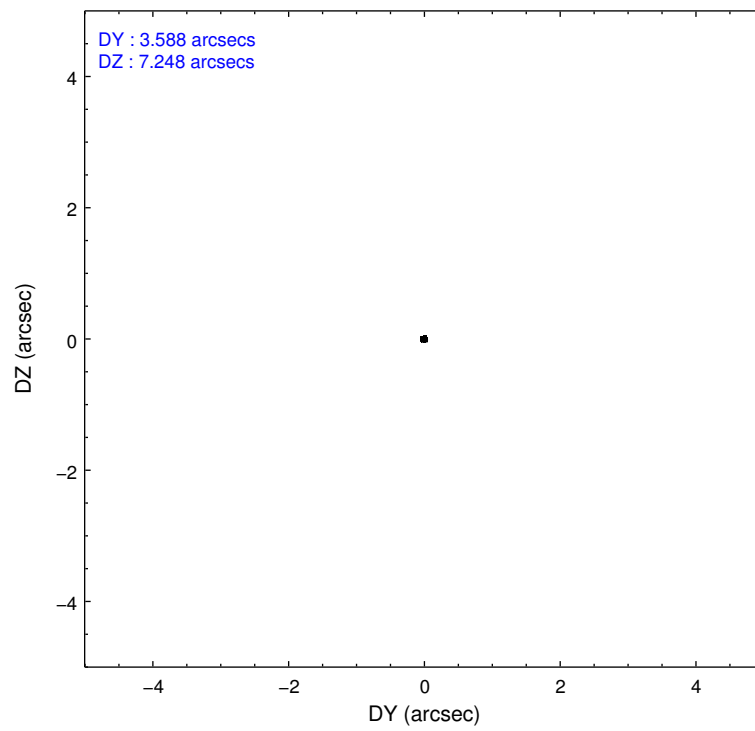
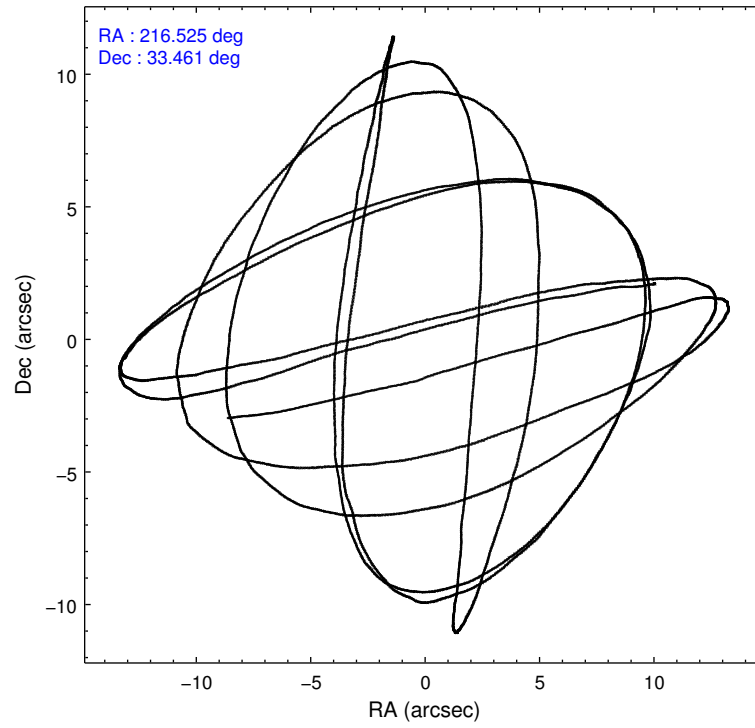
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
level 1 events	22943	23127	25963	25105	24475
rejected events	20550	20610	23665	22942	21988
rejected %	89%	89%	91%	91%	89%

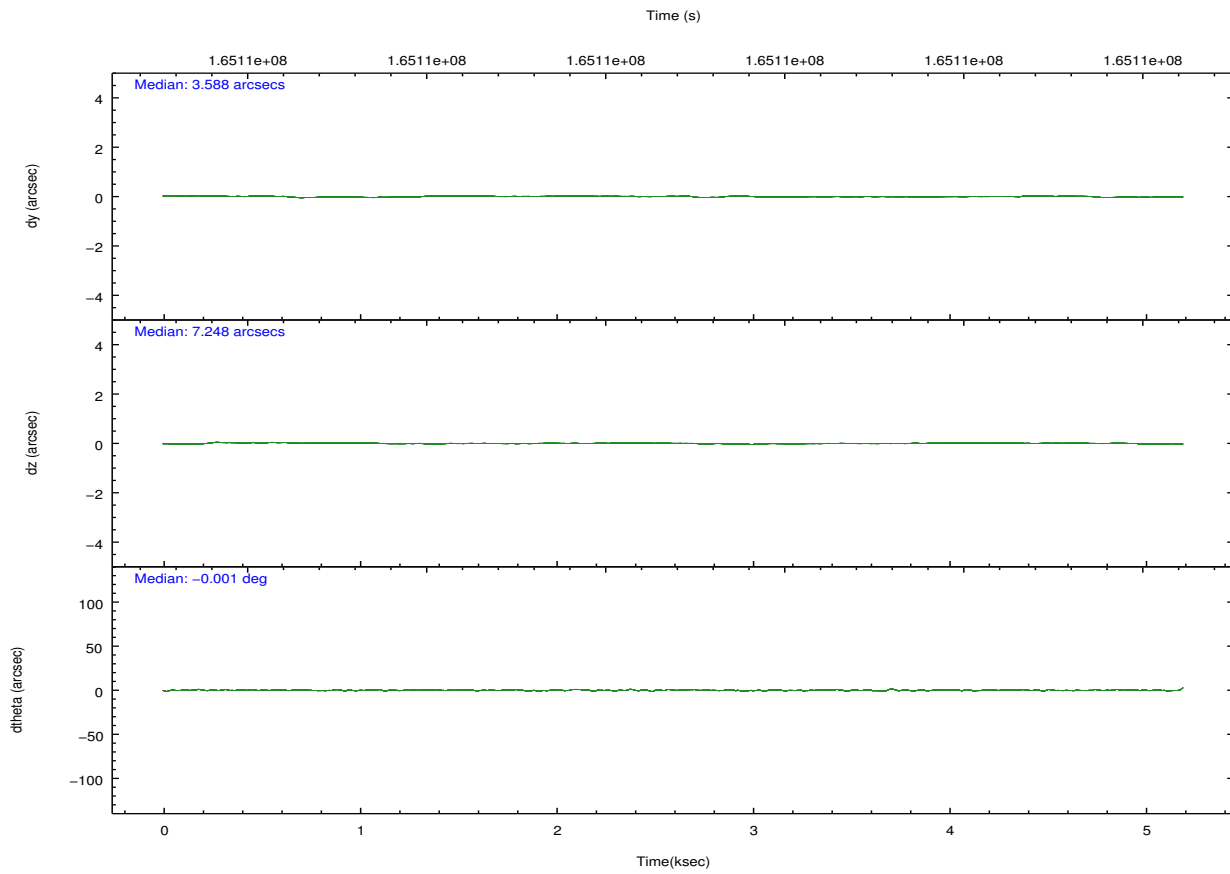
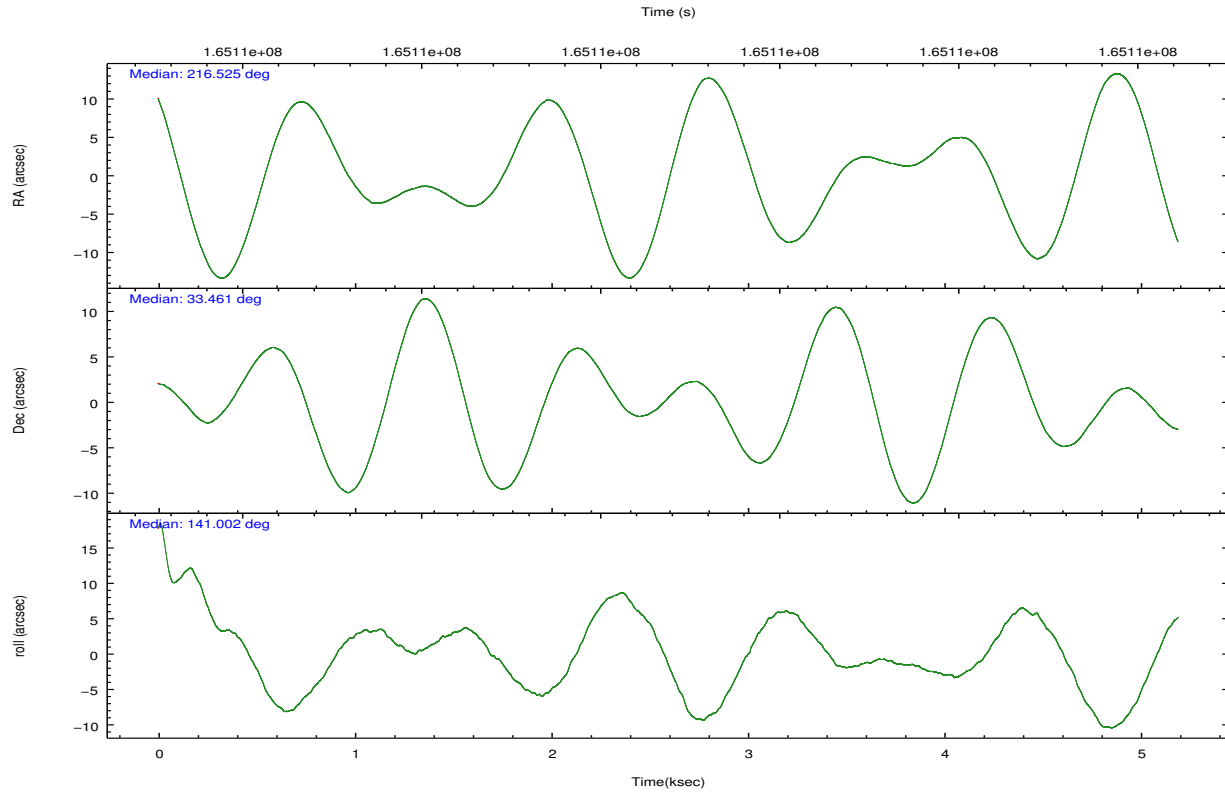
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6
grade 0 events	901	865	876	757	973
	3%	3%	3%	3%	3%
grade 1 events	10	14	14	16	8
	0%	0%	0%	0%	0%
grade 2 events	536	562	554	465	467
	2%	2%	2%	1%	1%
grade 3 events	293	316	241	258	319
	1%	1%	0%	1%	1%
grade 4 events	228	281	262	268	291
	0%	1%	1%	1%	1%
grade 5 events	649	739	648	850	816
	2%	3%	2%	3%	3%
grade 6 events	436	493	366	415	438
	1%	2%	1%	1%	1%
grade 7 events	19890	19857	23002	22076	21163
	86%	85%	88%	87%	86%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-01236	ACIS-01236	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	216.557064	216.5246324785834	Subarray requested	NONE	NONE
[deg] Pointing Dec	33.456836	33.46097316391621	Alternating exposures requested	N	N
[deg] Pointing Roll	140.783562	141.0101396045788	[s] Primary exposure time	0.000000	3.1
[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)	165108969.184000	165108593.83805			
Observation start date	2003-03-26T23:35:05	2003-03-26T23:29:53			
[s] Observation end time (MET)	165113969.184000	165114103.21329			
Observation end date	2003-03-27T00:58:25	2003-03-27T01:01:43			
Read mode	TIMED	TIMED			

2.3 Aspect





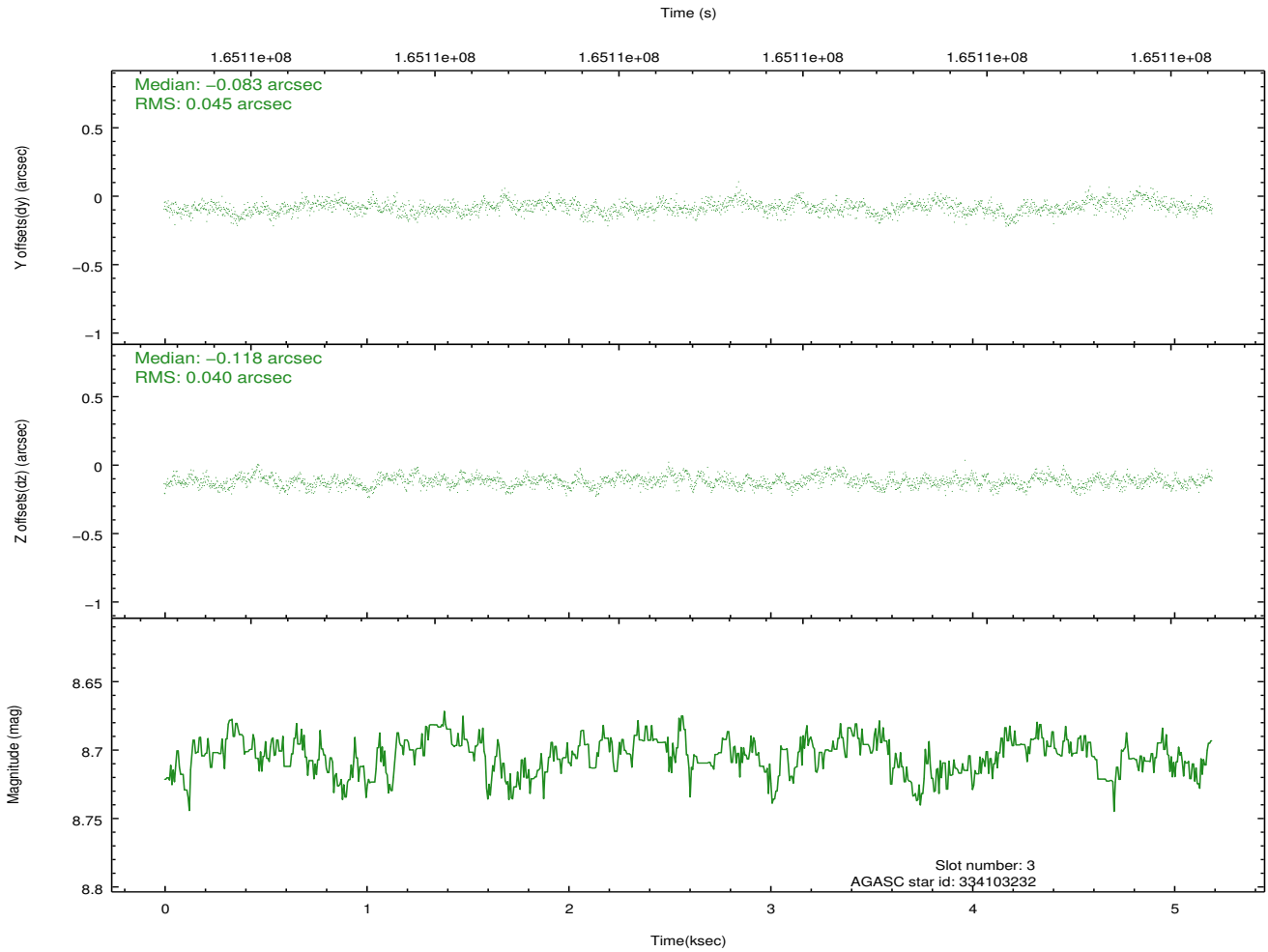
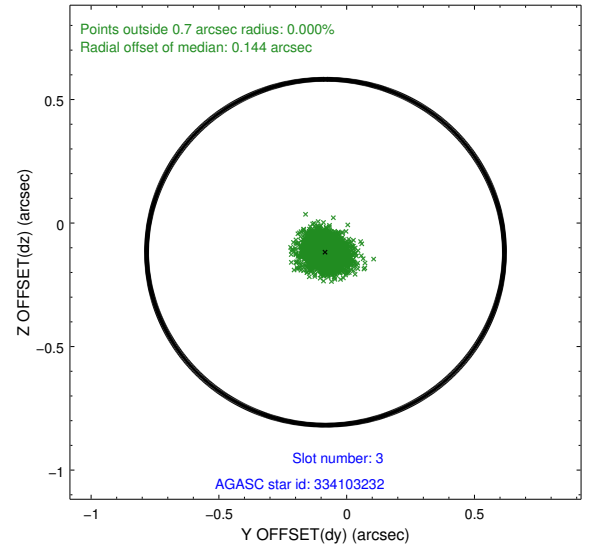
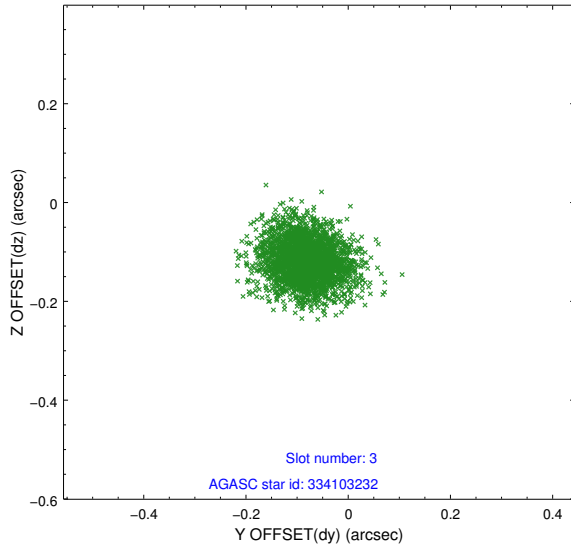
Slot Statistics

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	1267	0.019	0.018	0.006	0.010	0.000000	0.000000	936.20	-830.64
1	FID	ACIS-I-5	7.24	1266	-0.093	0.062	0.006	0.010	0.000000	0.000000	-1811.34	1066.35
2	FID	ACIS-I-6	7.26	1266	-0.017	-0.010	0.006	0.011	0.000000	0.000000	400.48	1712.07
3	GUIDE	334103232	8.70	2531	-0.083	-0.118	0.063	0.105	215.850271	33.571936	1909.15	1014.16
4	GUIDE	335022112	9.21	2530	0.097	-0.037	0.104	0.170	216.659296	32.794758	-1745.80	1651.39
5	GUIDE	335028696	9.20	2528	0.070	0.334	0.096	0.155	217.260519	33.844112	-743.57	-2414.45
6	GUIDE	335029808	9.06	2532	-0.033	-0.085	0.073	0.117	216.789548	33.180488	-1171.21	326.30
7	BAD	335029368	10.16	2360	-0.058	-0.099	0.126	0.207	217.181018	33.065030	-2347.20	-101.18

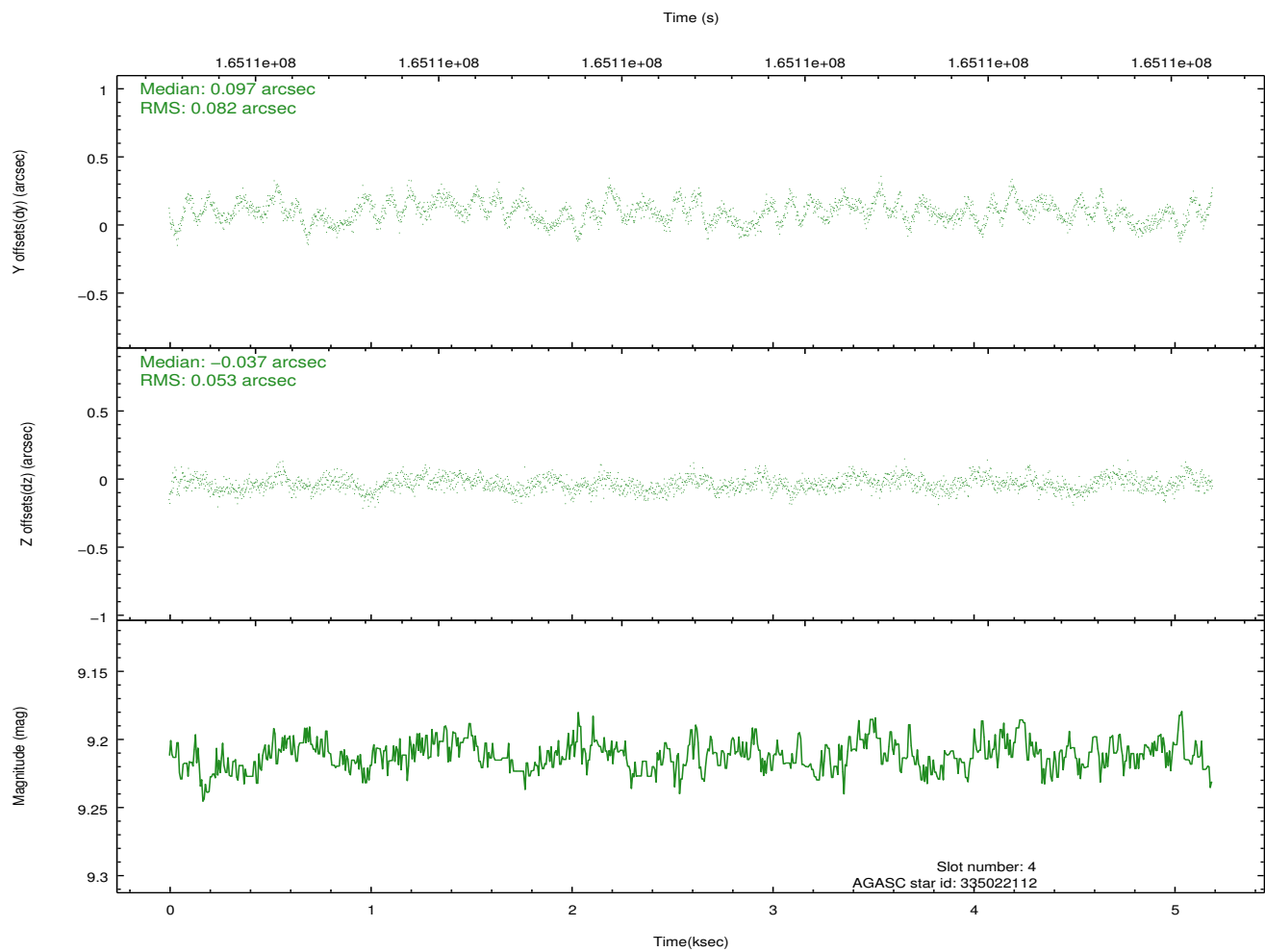
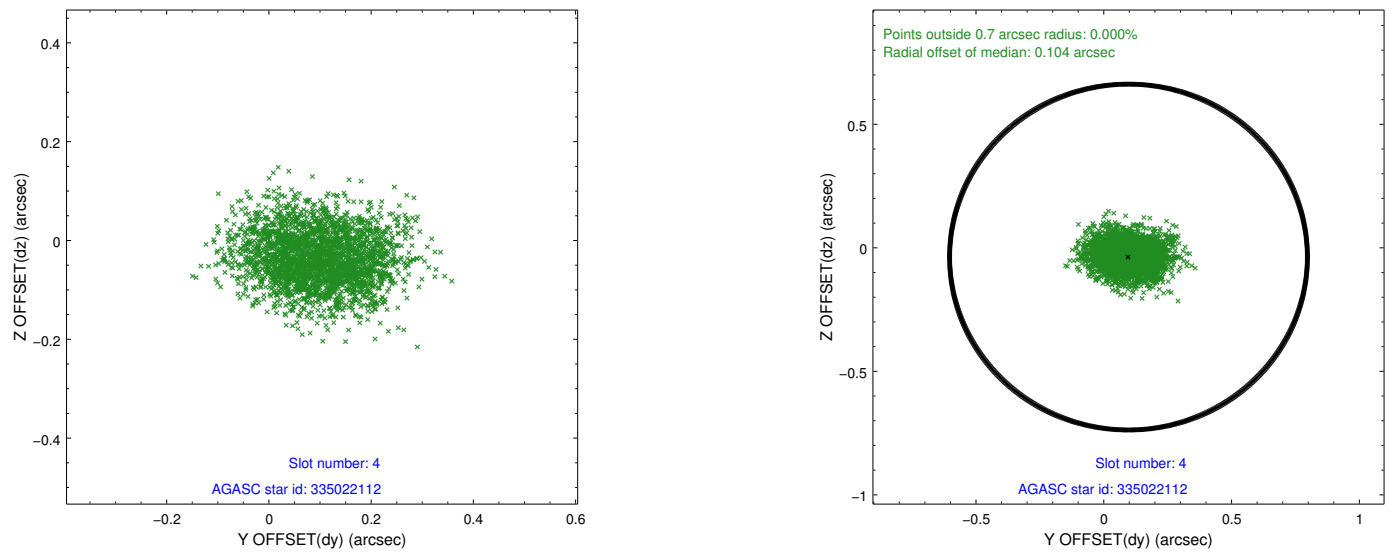
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2.4 Star Slots

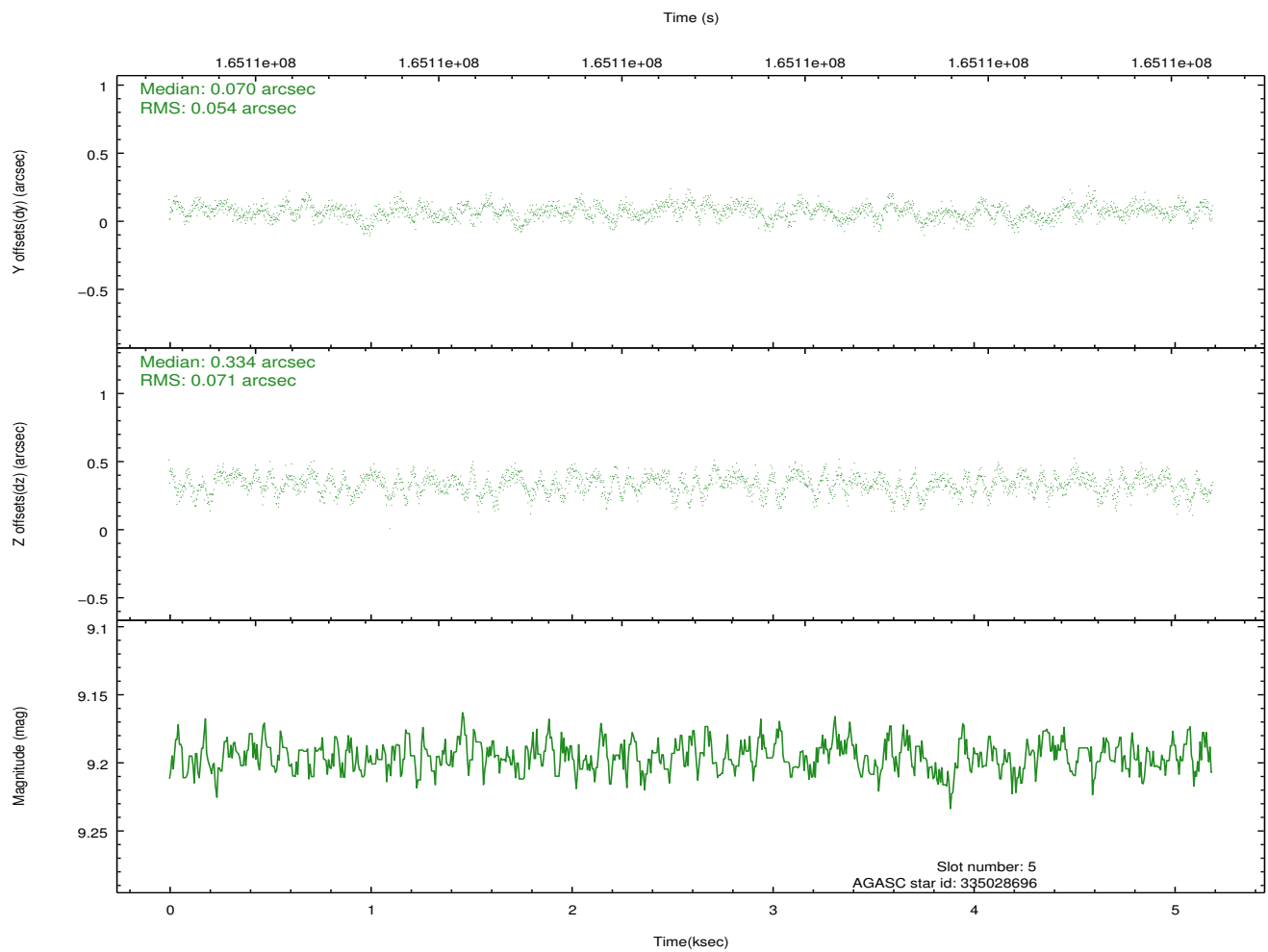
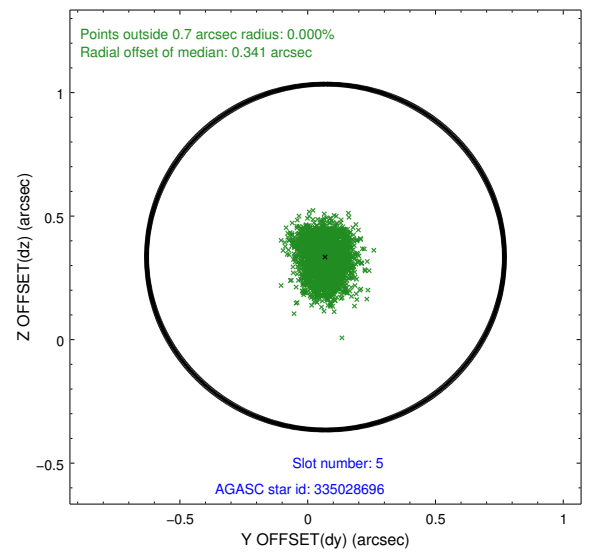
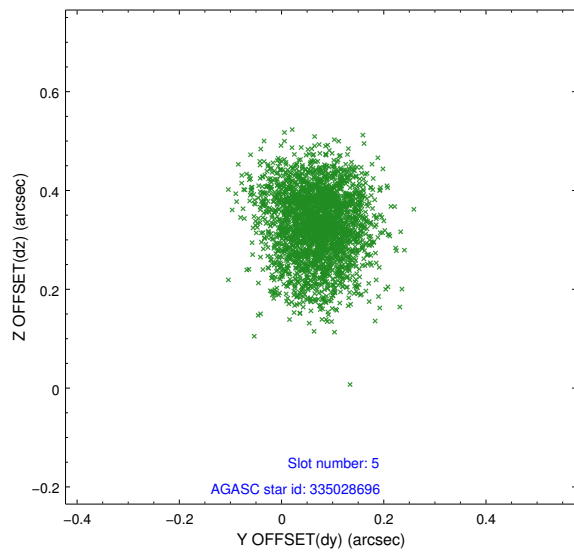
2.4.1 Slot 3



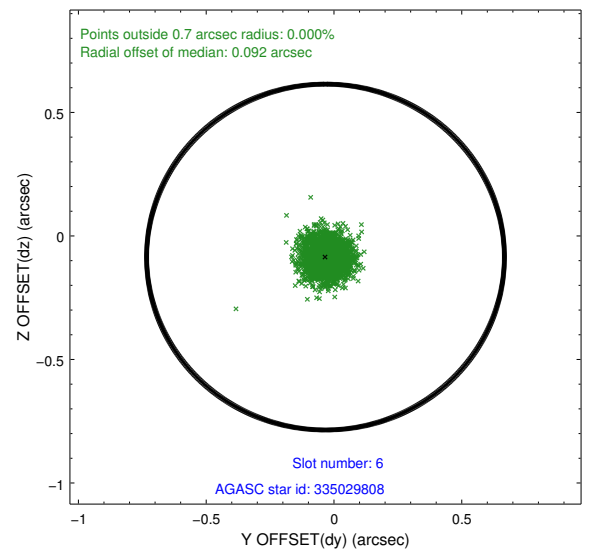
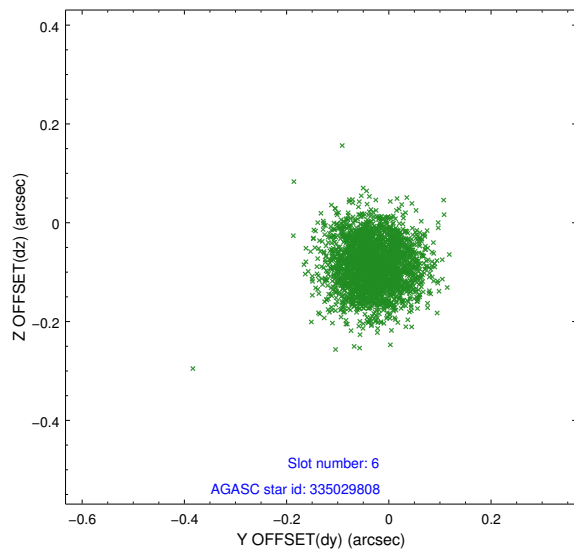
2.4.2 Slot 4



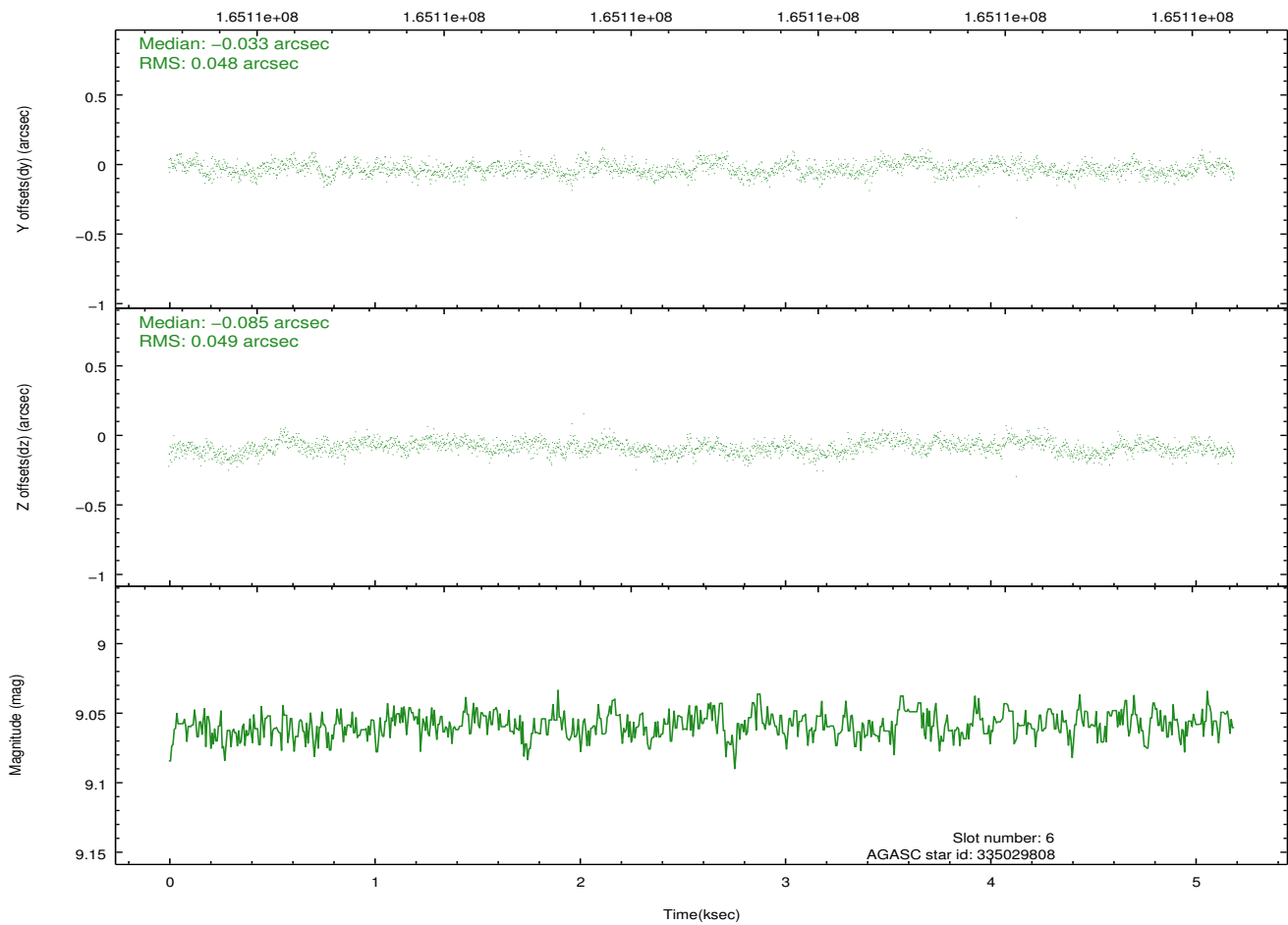
2.4.3 Slot 5



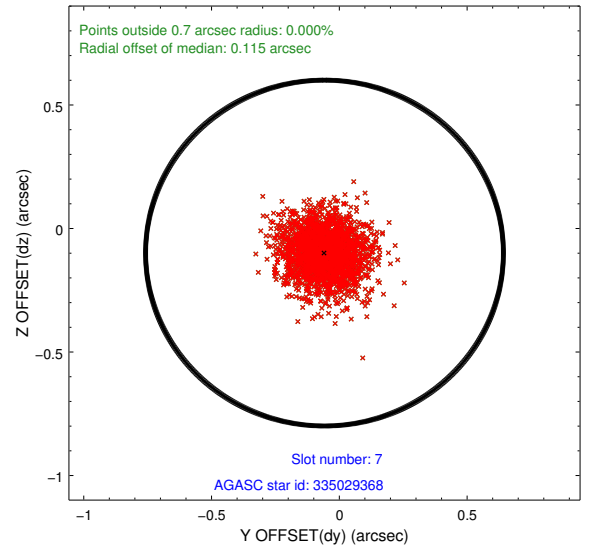
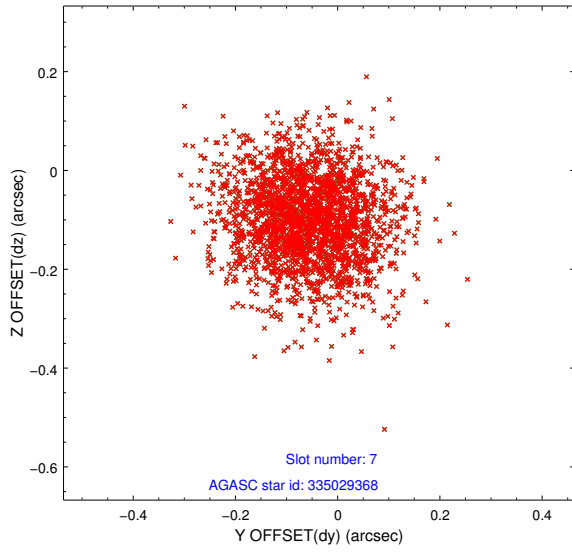
2.4.4 Slot 6



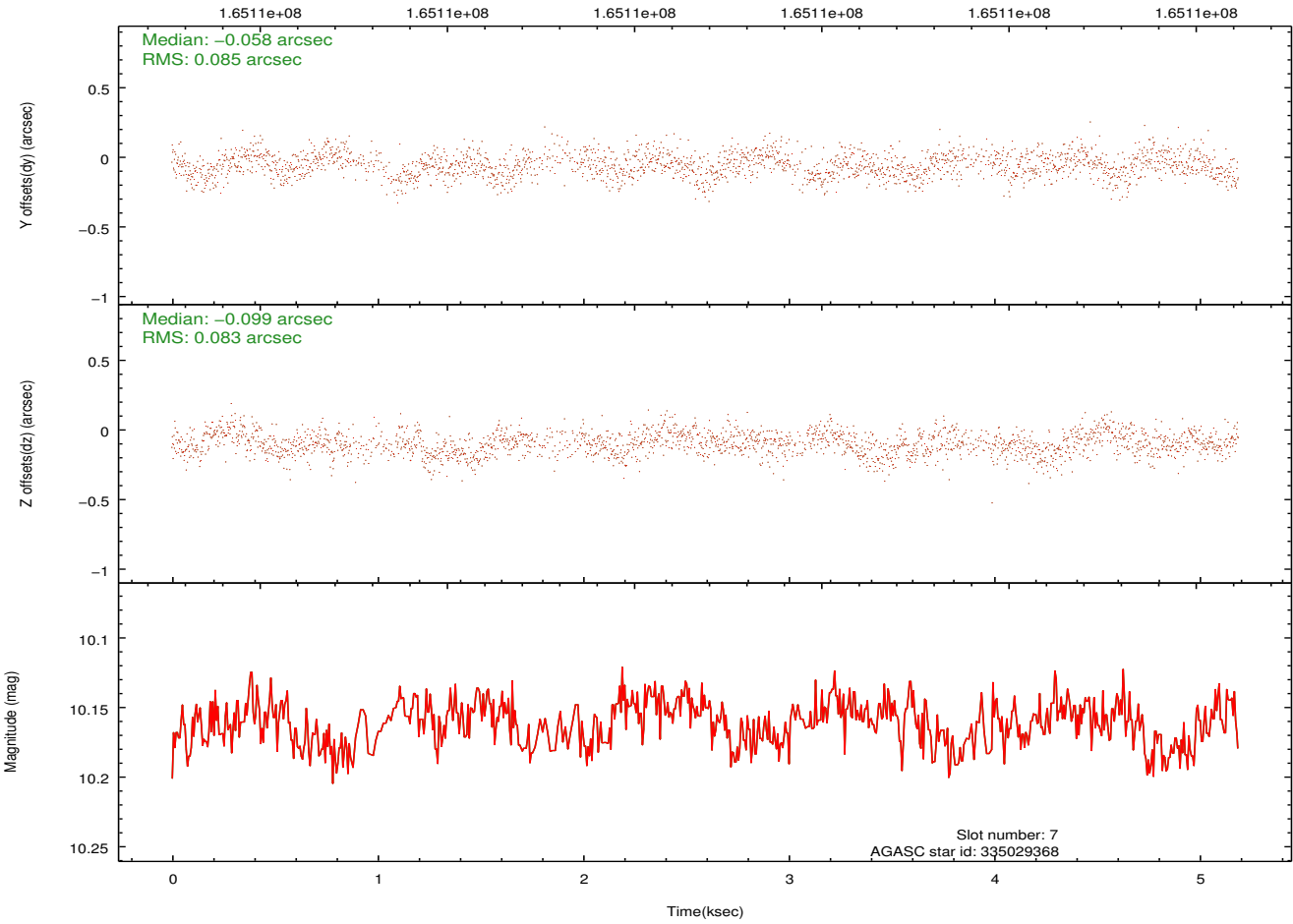
Time (s)



2.4.5 Slot 7

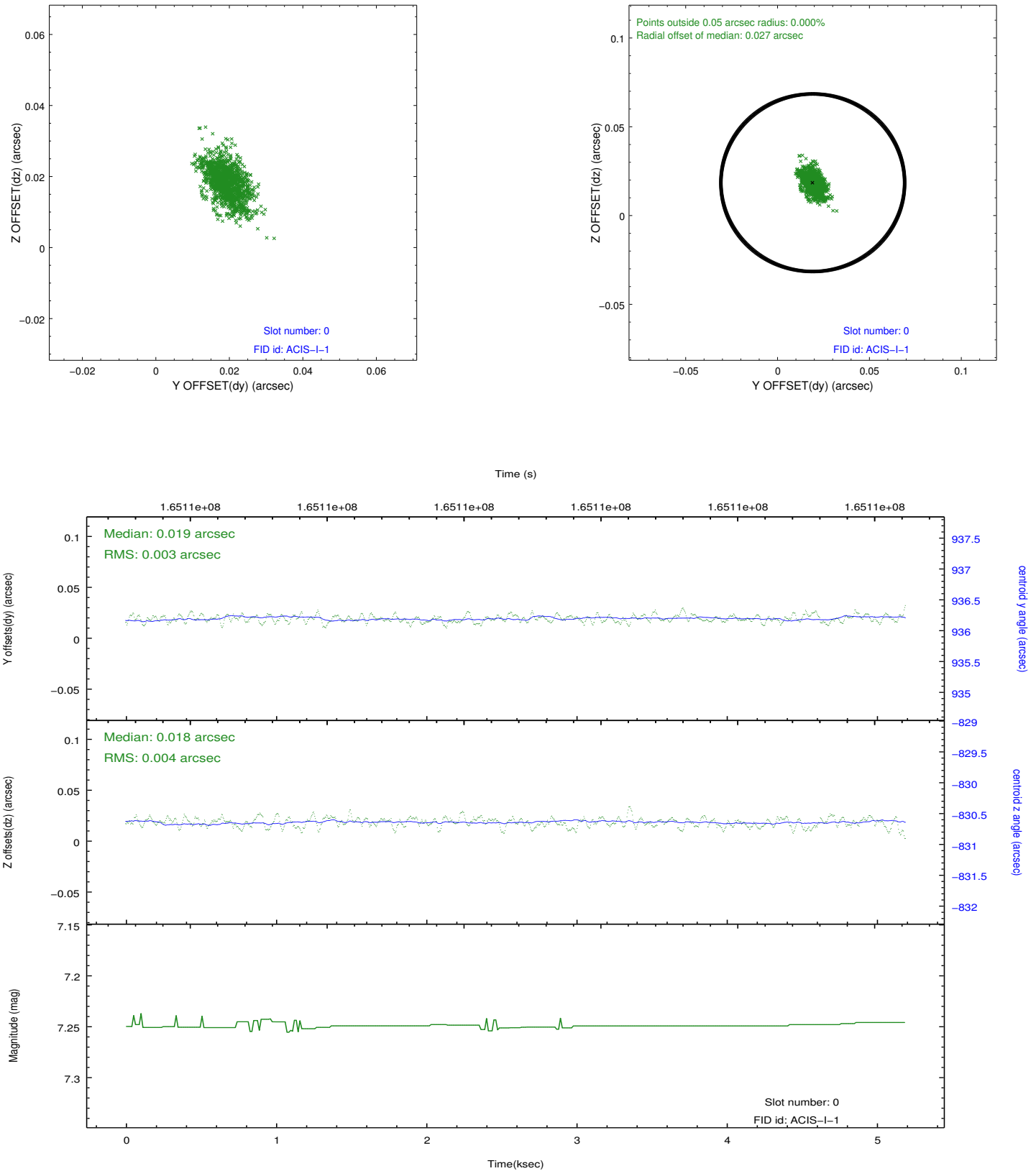


Time (s)

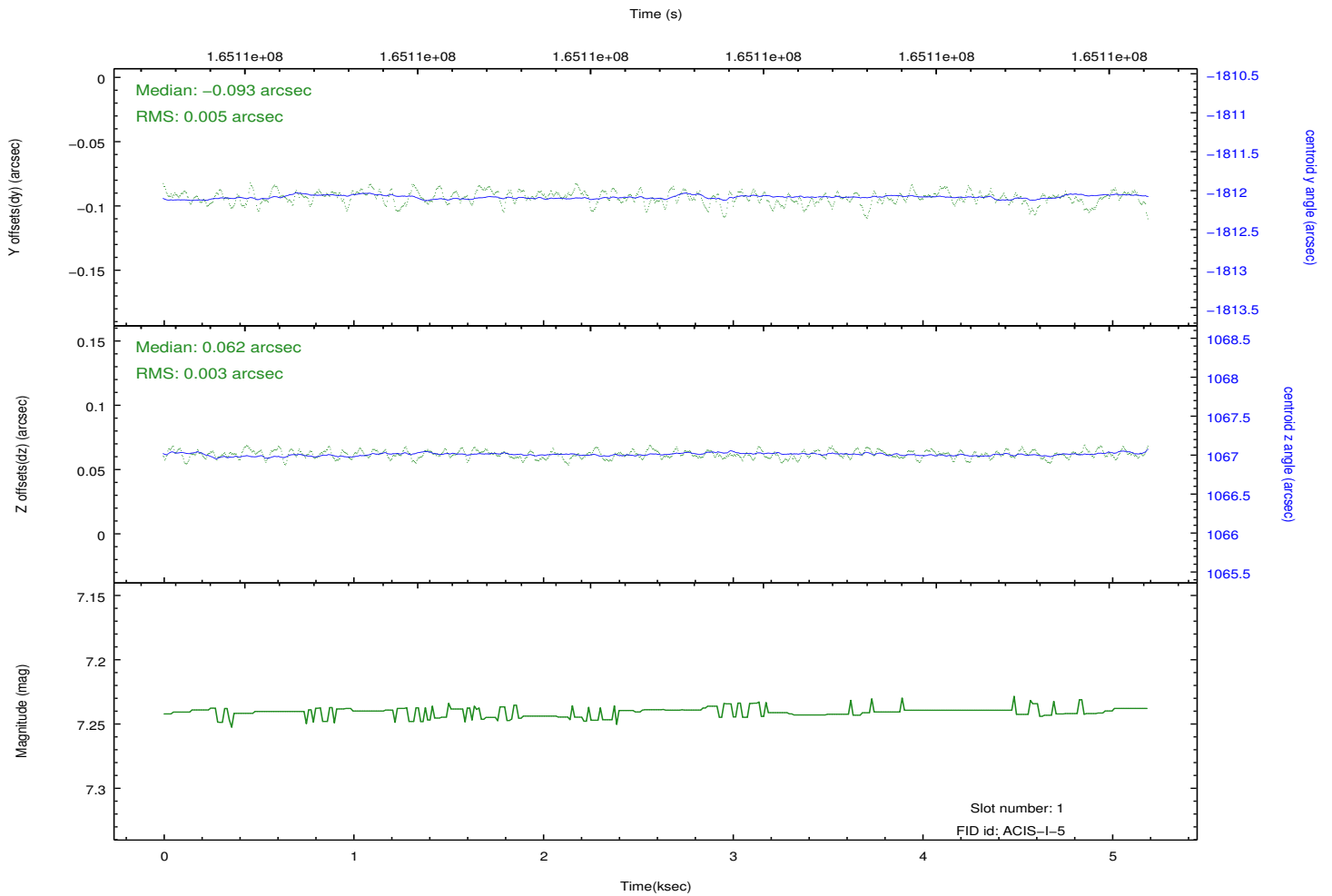
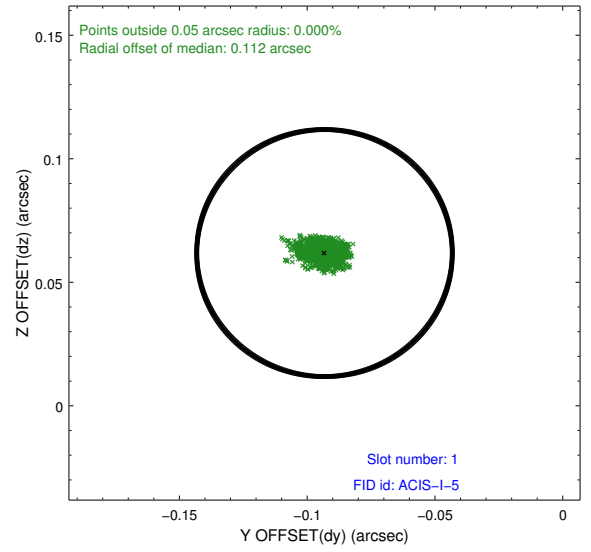
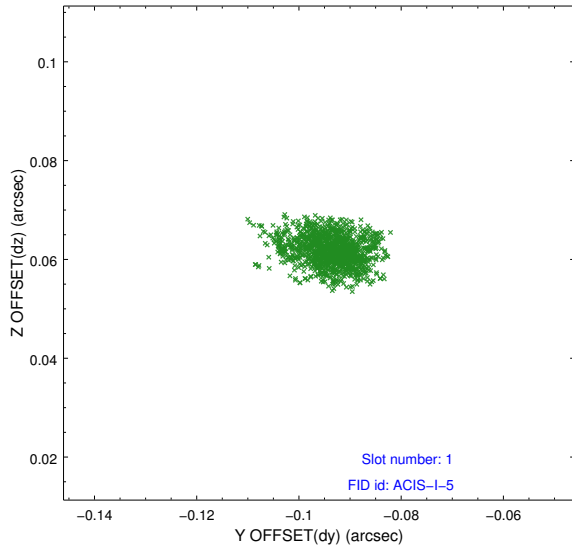


2.5 FID Slots

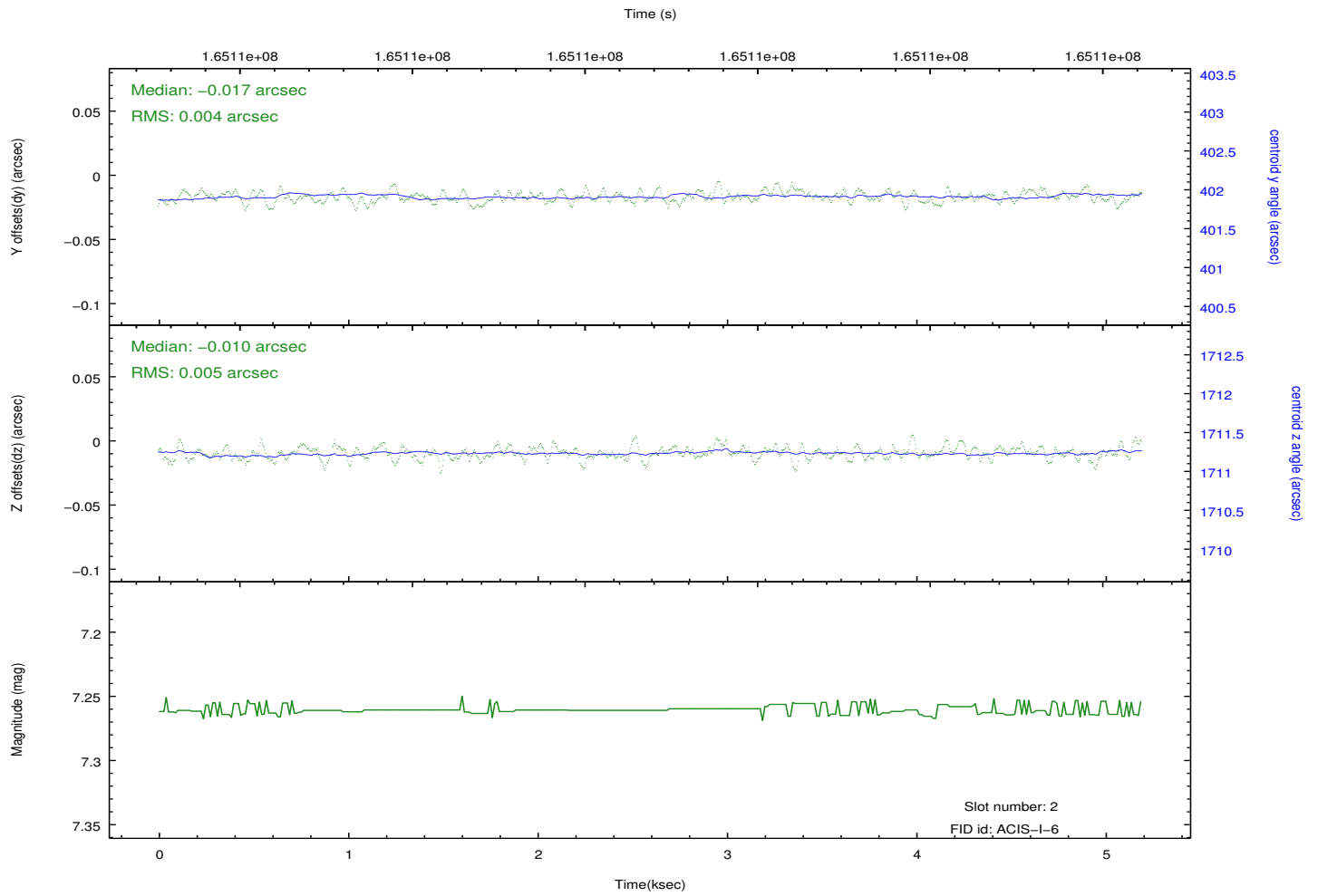
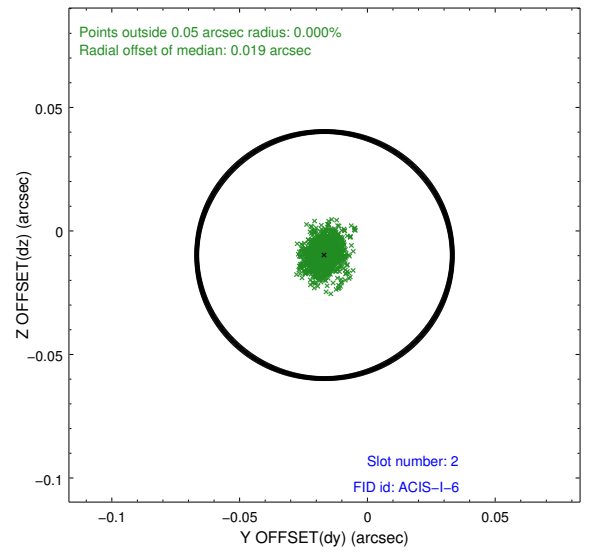
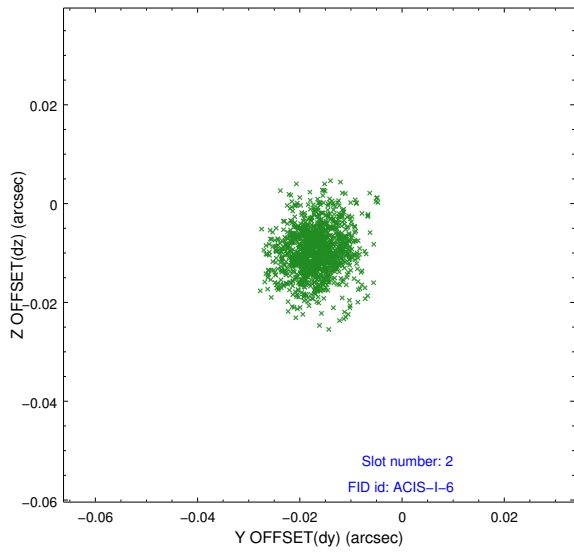
2.5.1 Slot 0



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)	2012.11.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.773

A.2 Comments