

V&V Reference Report

L2 ASCDS Version : 8.5.1

Observation 6028 - L2 Version 3
Chandra X-Ray Center

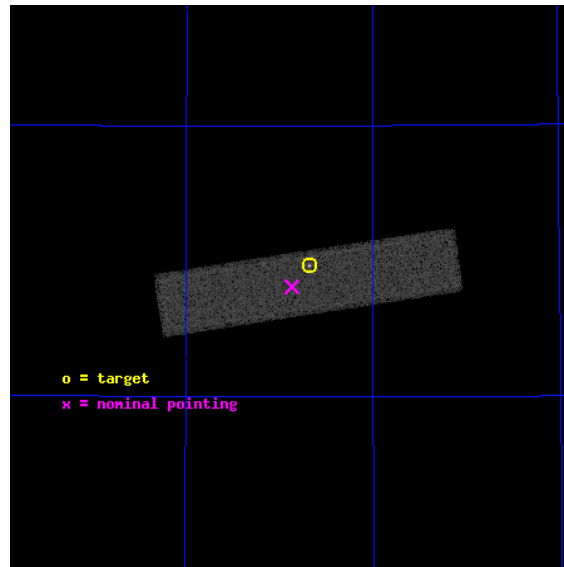
L2 Processing Date : Dec 18 2012

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1 Front

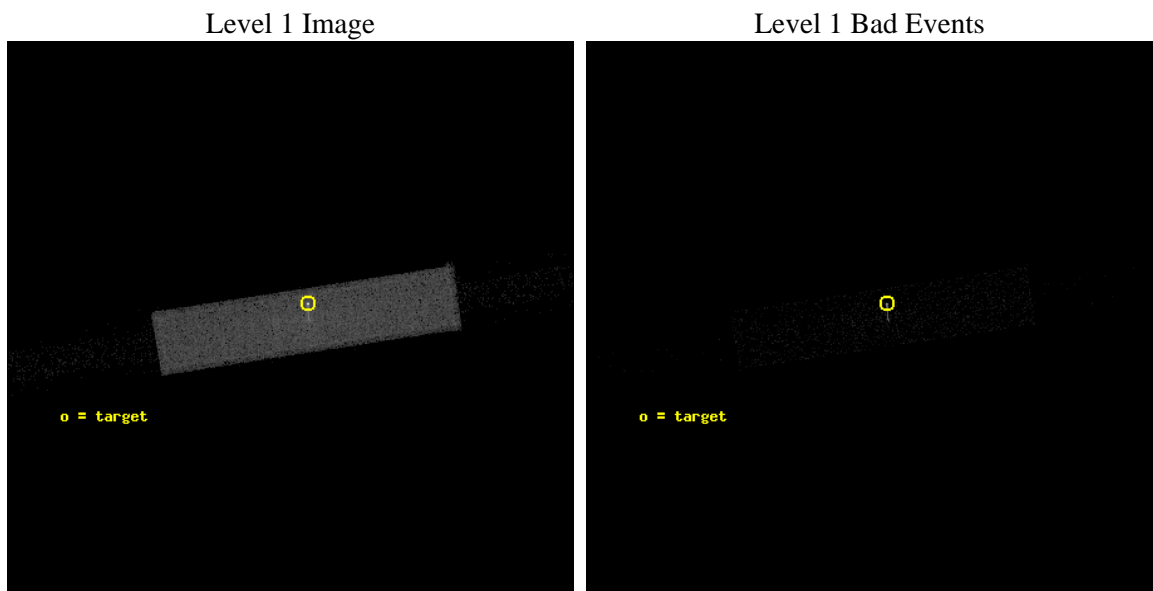
seq_num	290520	Sequence number
obs_id	6028	Observation id
title	AO6A Calibration Observations to Monitor the Spatial Variations in the HRC-S Gain	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.21705398073	Nominal RA [deg]
dec_nom	45.703032851714	Nominal Dec [deg]
roll_nom	351.21274950812	Nominal Roll [deg]
revision	3	Processing version of data
ontime	1161.5813025534	[s]
livetime	1154.6432356726	Ontime multiplied by DTCOR
l2events	48372	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1	Processing system revision	ontime	1161.5813025534	[s]
caldsver	4.5.5	 	l1events	78099	Number of level 1 events
date	2012-12-17T04:27:44	Date and time of file creation			
revision	3	Processing version of data			

2.1.3 Events

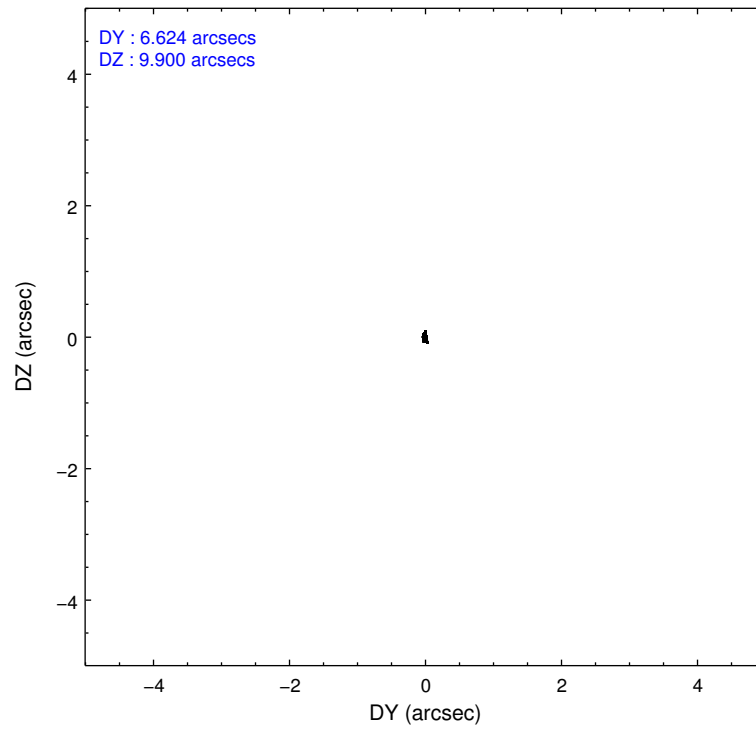
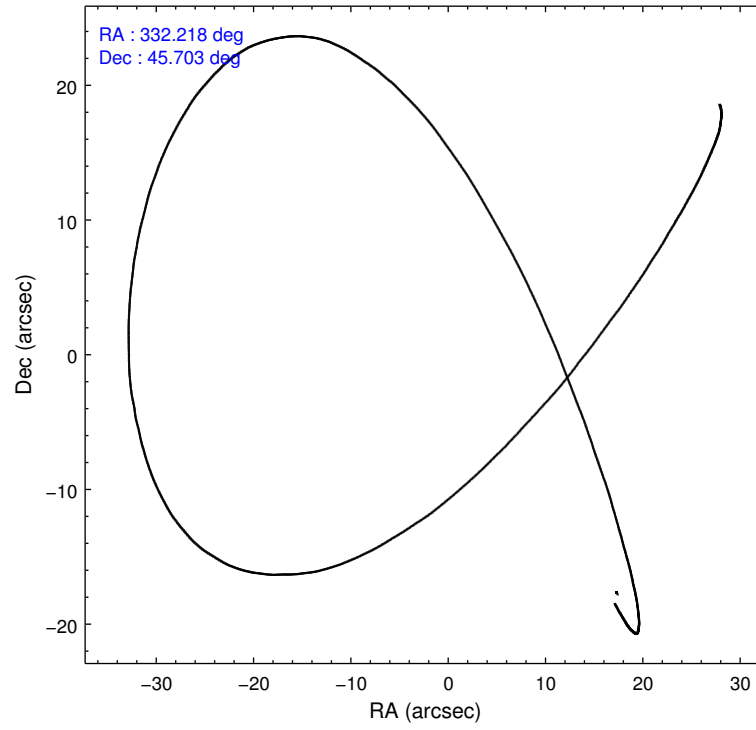
Level 1 Events

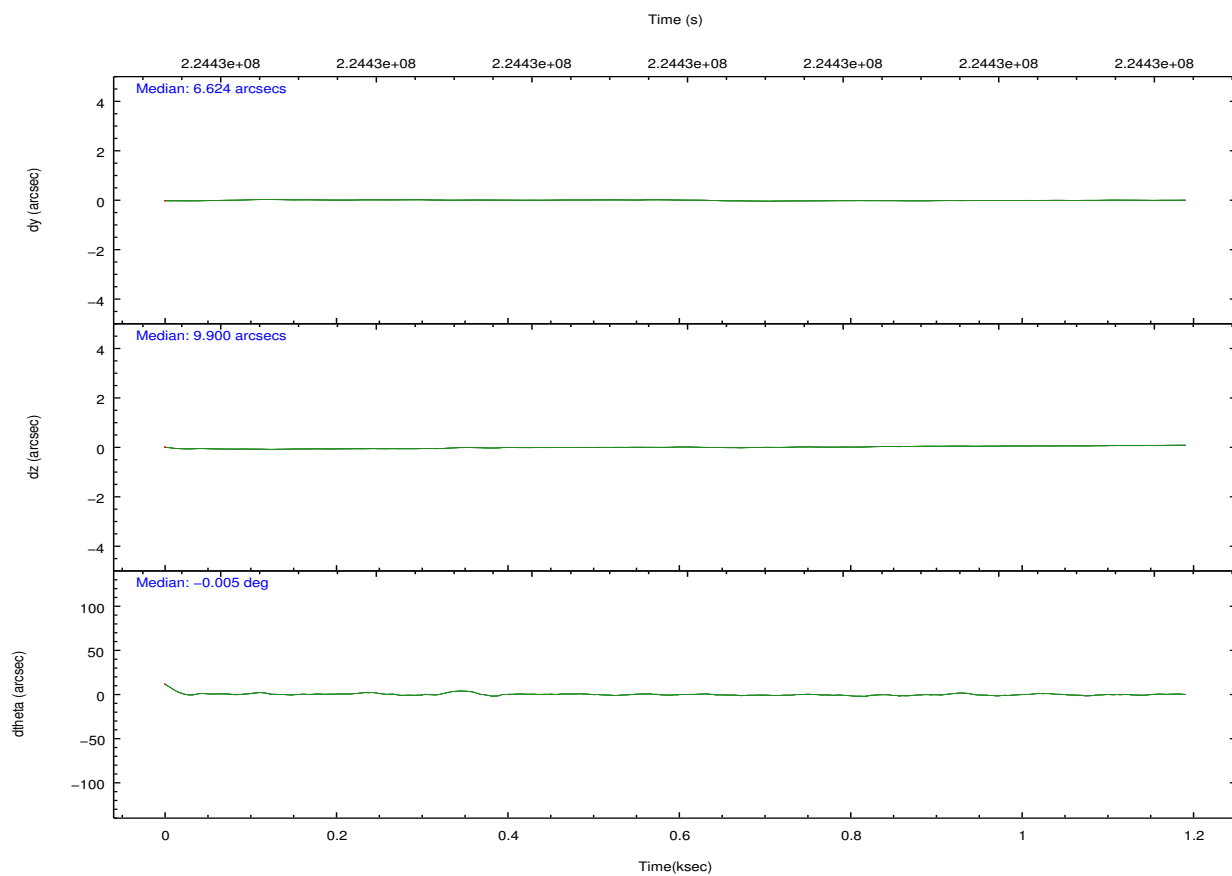
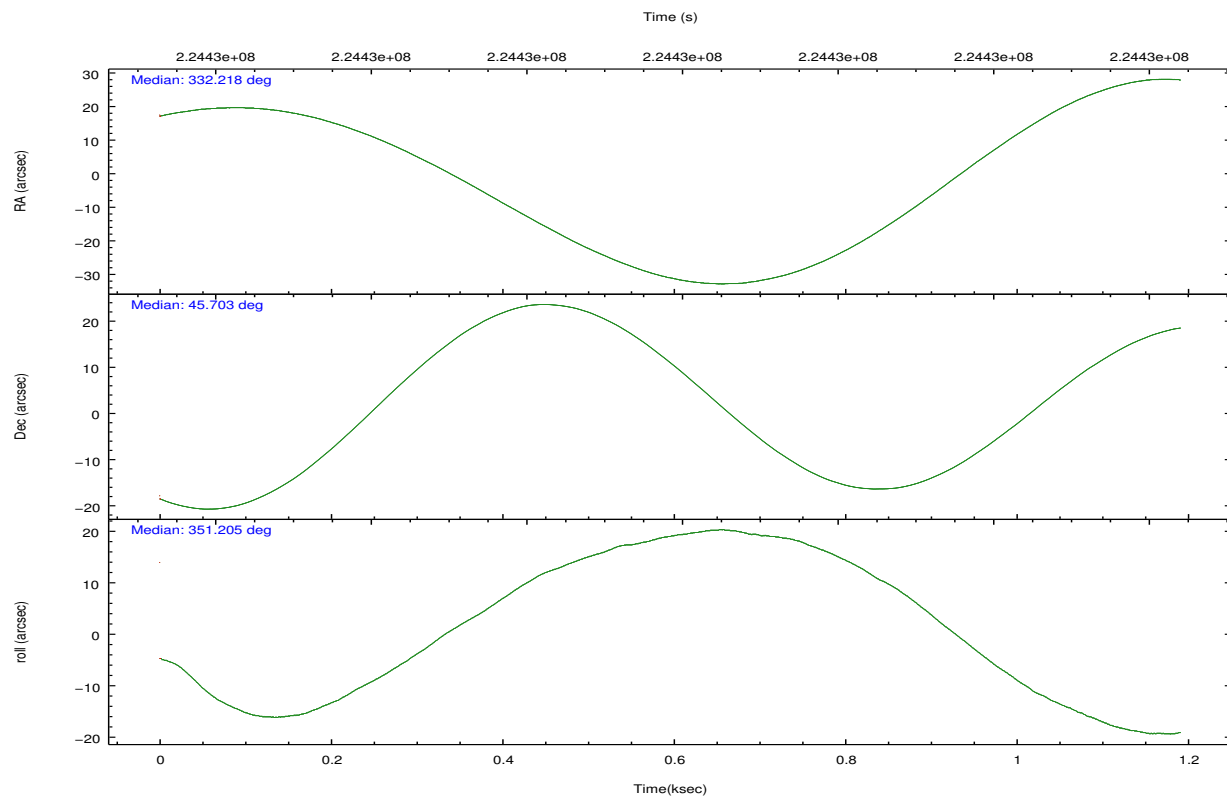
	segment 1	segment 2	segment 3
level 1 events	690	76681	728
rejected events	690	17022	725
rejected %	100%	22%	99%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-S	HRC-S	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	332.179047	332.2170539807292			
[deg] Pointing Dec	45.691731	45.70303285171381			
[deg] Pointing Roll	351.172610	351.2127495081186			
[mm] SIM focus pos	-1.429586	-1.428180813131781			
[mm] SIM defocus	0.1037507710433287	0.1051558262725154			
[mm] SIM translation stage pos	250.455976	250.466033080201			
[mm] SIM translation stage offset	0	-0.01005468664627074			
[s] Observation start time (MET)	224432783.184000	224432406.63285			
Observation start date	2005-02-10T14:25:19	2005-02-10T14:20:06			
[s] Observation end time (MET)	224433783.184000	224433916.45792			
Observation end date	2005-02-10T14:41:59	2005-02-10T14:45:16			

2.3 Aspect



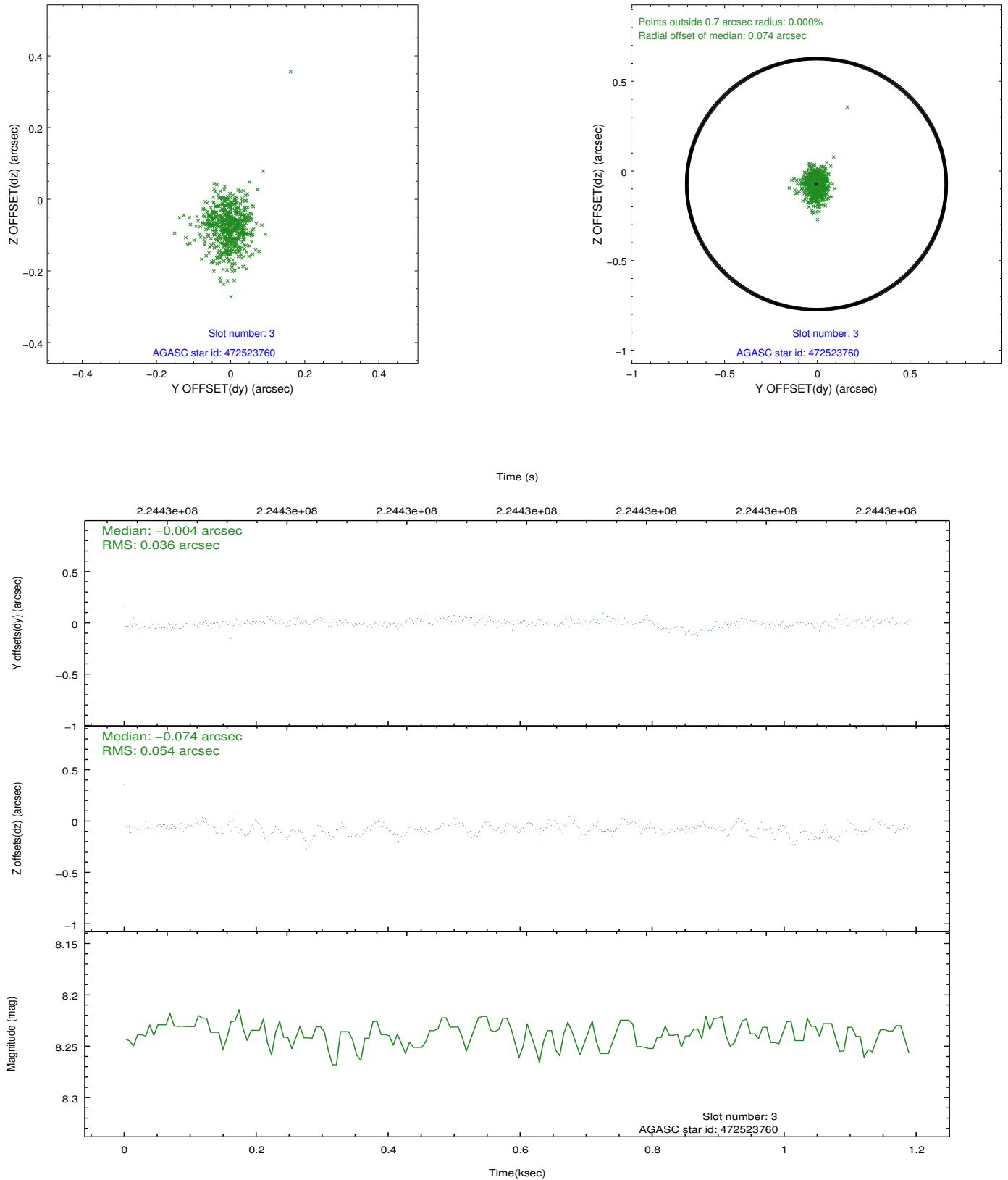


Slot Statistics

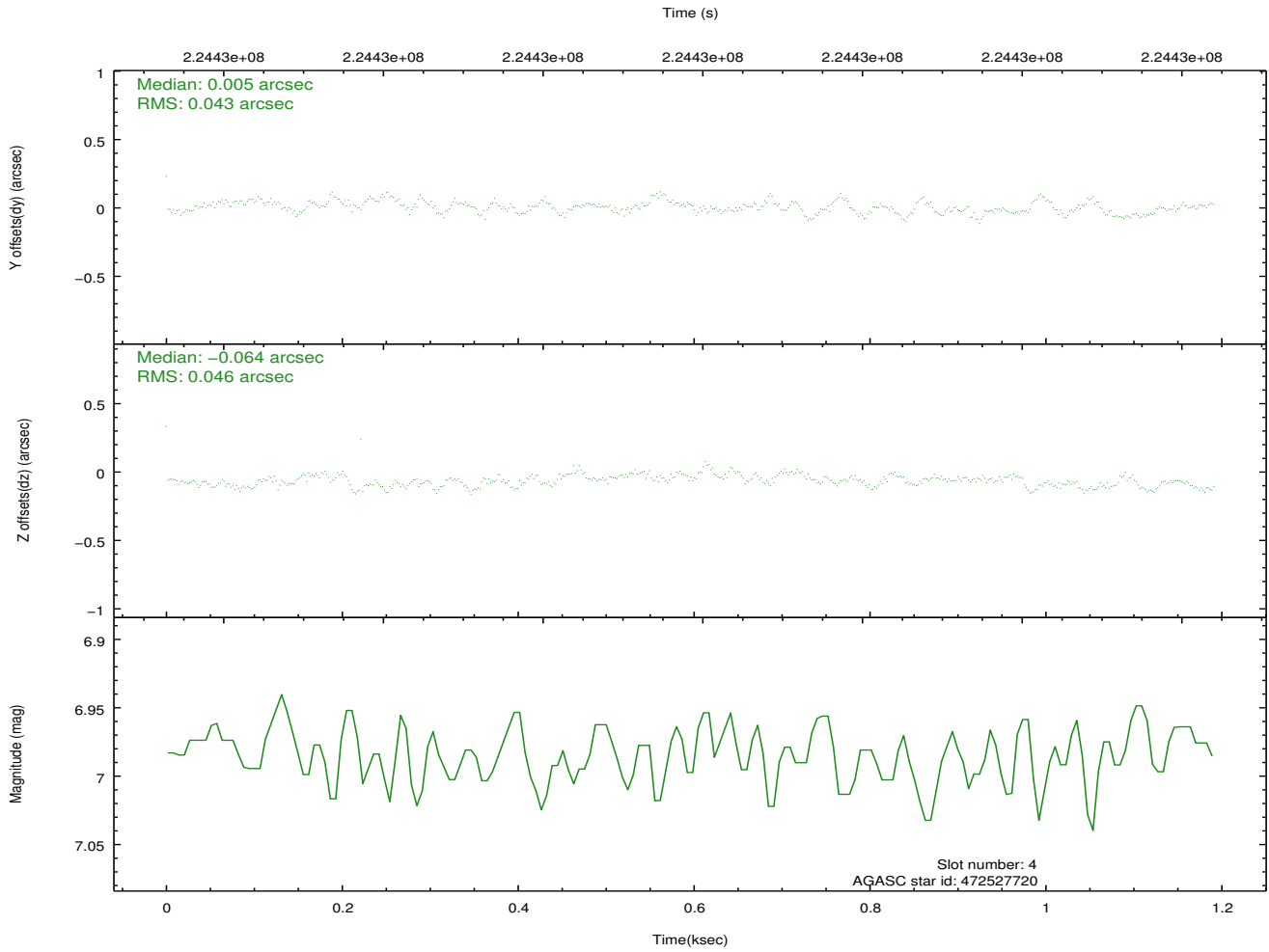
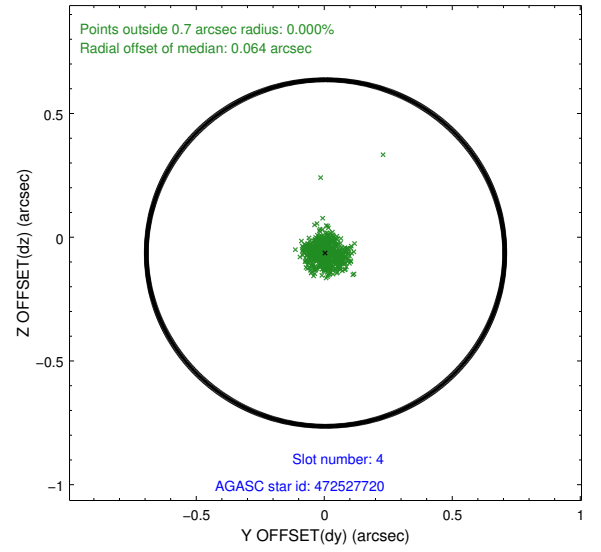
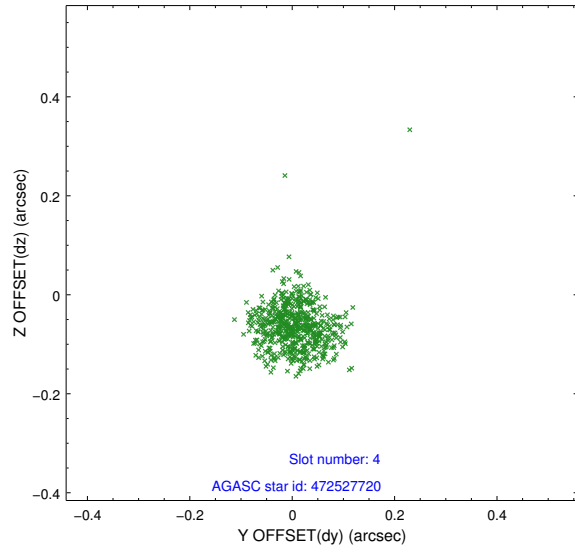
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.03	291	0.095	-0.209	0.007	0.012	0.000000	0.000000	-1160.78	-458.66
1	FID	HRC-S-3	7.04	289	0.115	-0.003	0.008	0.013	0.000000	0.000000	-1167.52	569.49
2	FID	HRC-S-4	6.99	291	0.179	-0.085	0.004	0.009	0.000000	0.000000	1233.53	575.57
3	GUIDE	472523760	8.24	582	-0.004	-0.074	0.064	0.112	331.645363	45.403260	-1175.86	-1227.68
4	GUIDE	472527720	6.98	582	0.005	-0.064	0.066	0.096	331.460205	45.112509	-1489.36	-2333.72
5	GUIDE	472533912	9.17	582	0.112	0.066	0.121	0.185	331.791136	46.368695	-1331.01	2259.93
6	GUIDE	472535576	7.86	582	-0.027	0.041	0.058	0.093	331.438373	46.291802	-2157.75	1865.46
7	GUIDE	472665256	9.02	578	-0.086	0.023	0.093	0.143	332.808125	46.195041	1264.28	2042.05

2.4 Star Slots

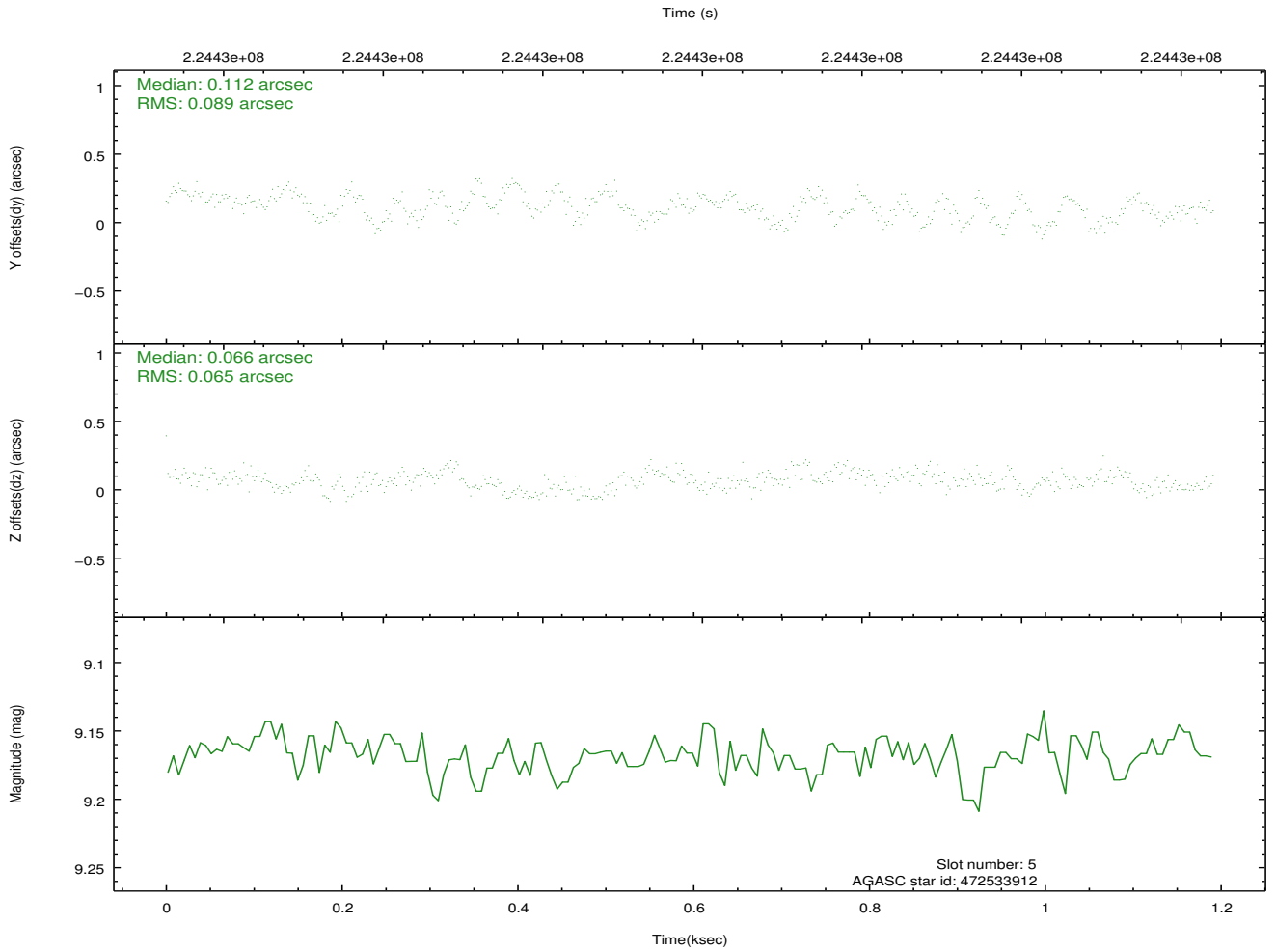
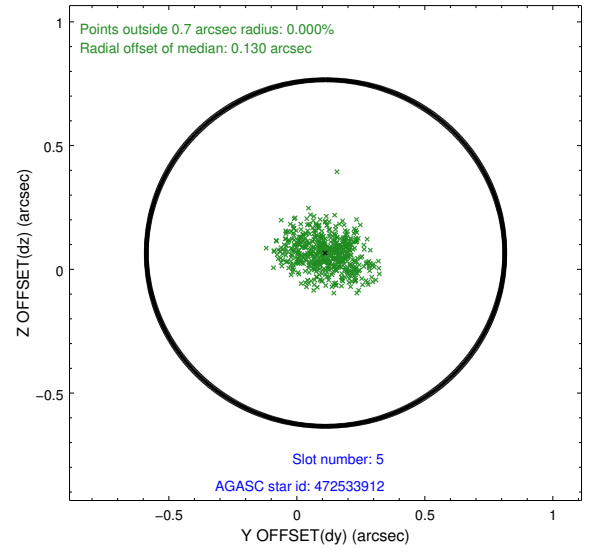
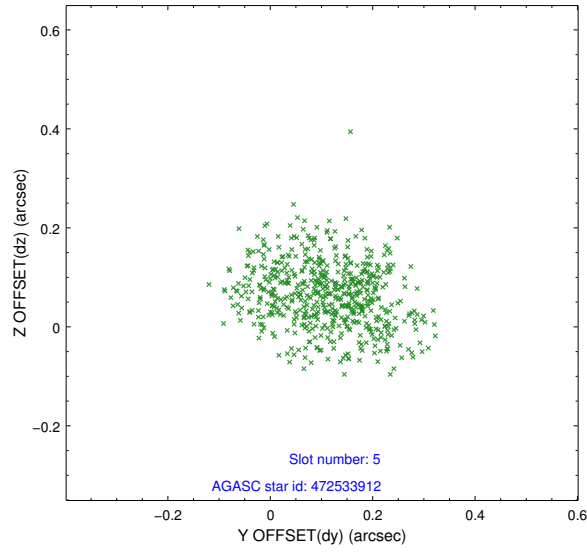
2.4.1 Slot 3



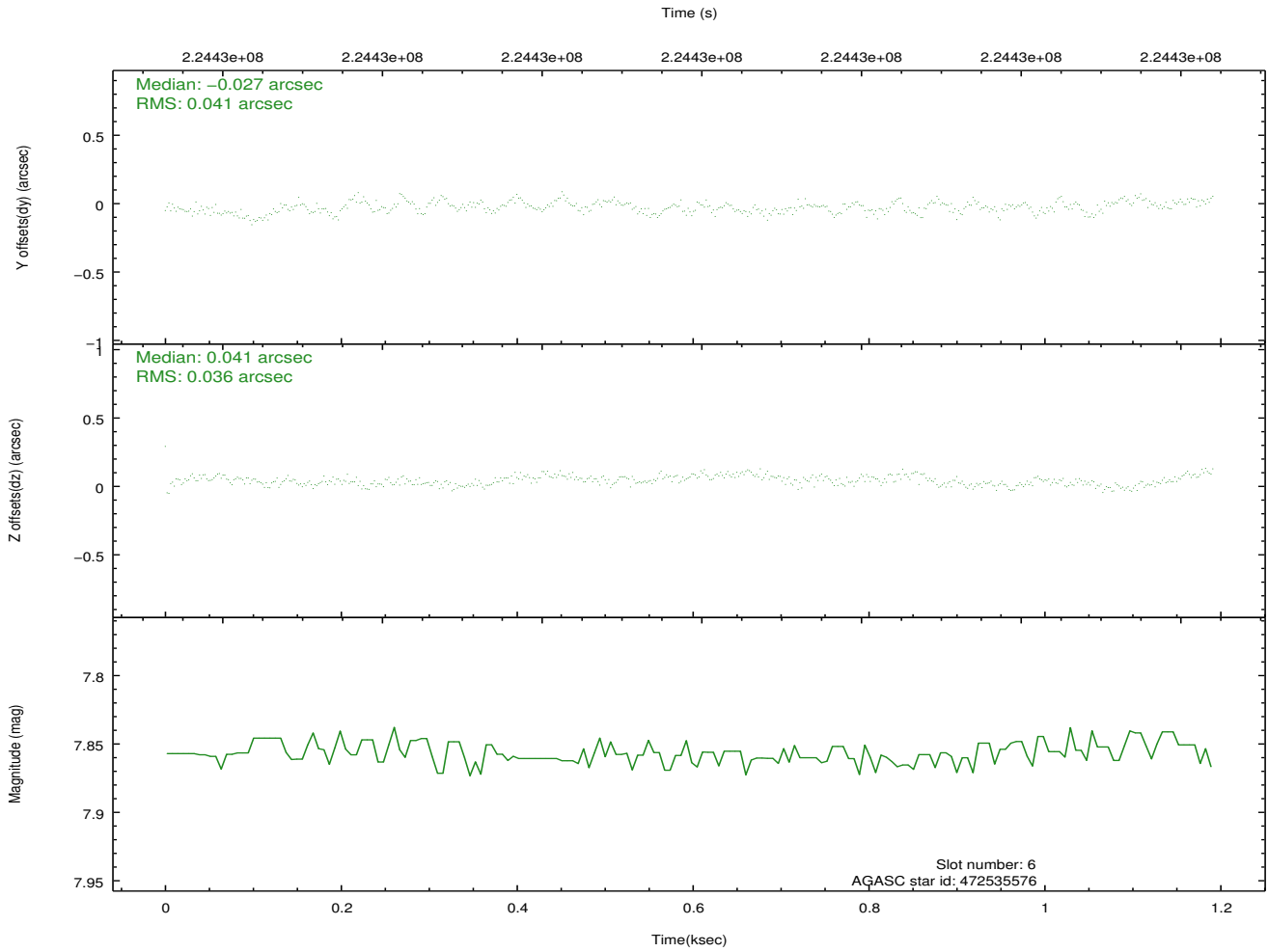
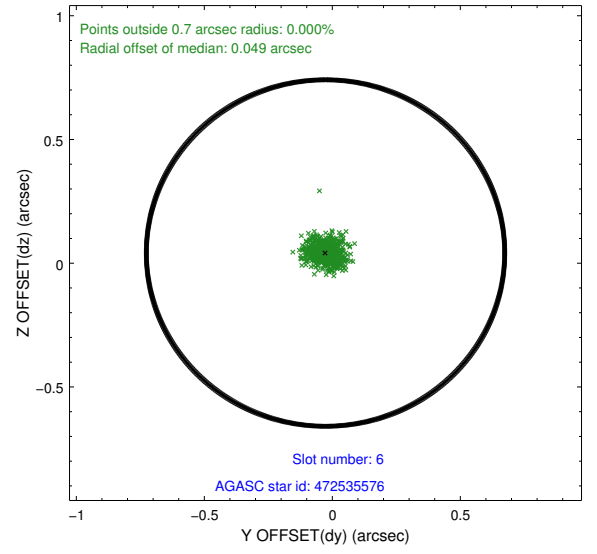
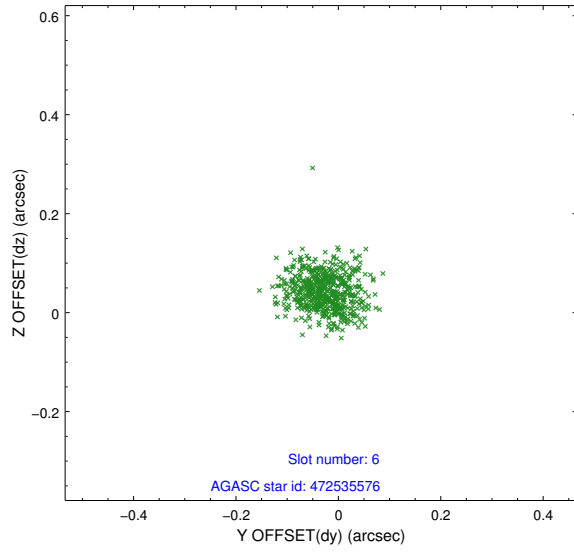
2.4.2 Slot 4



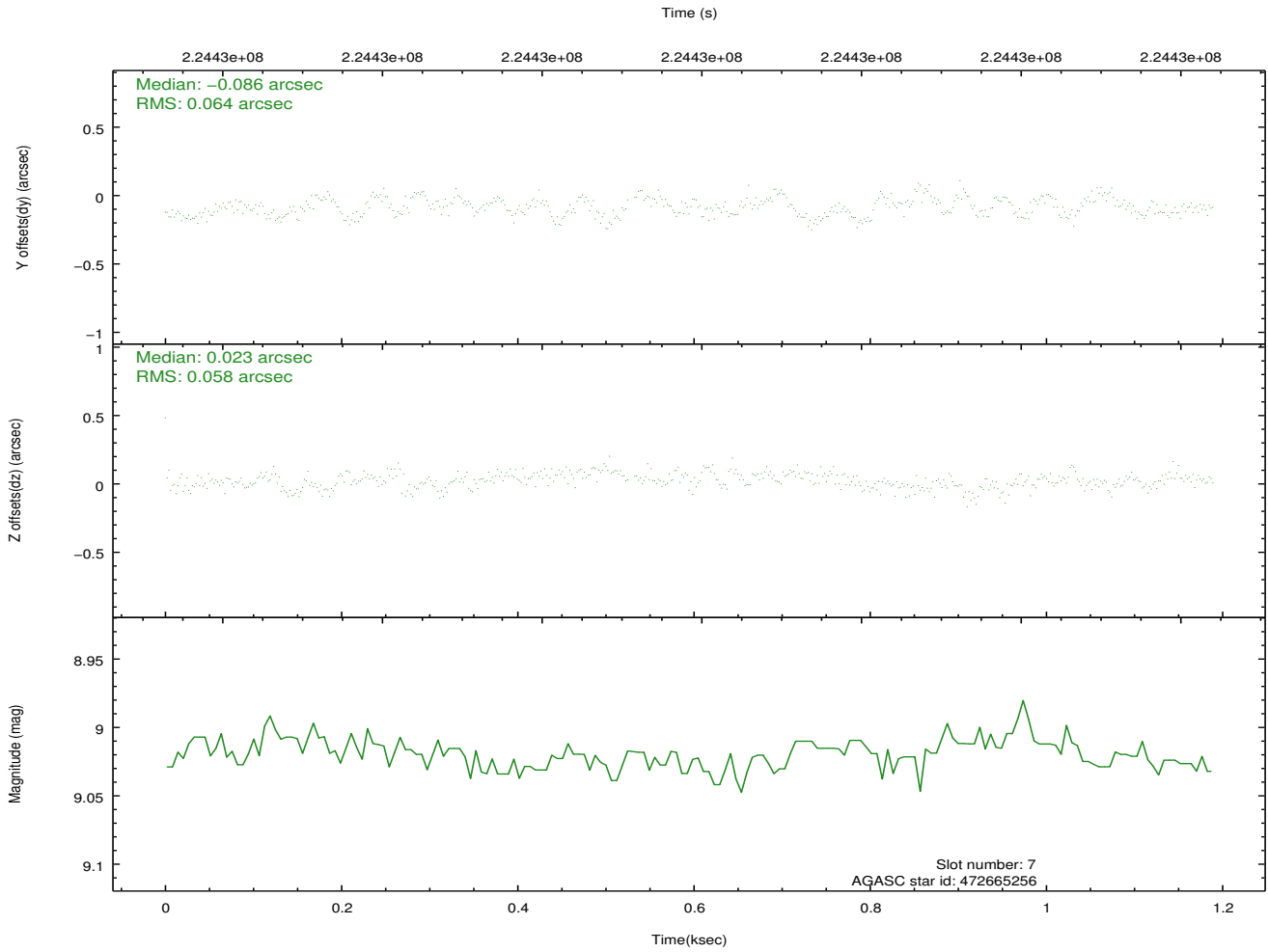
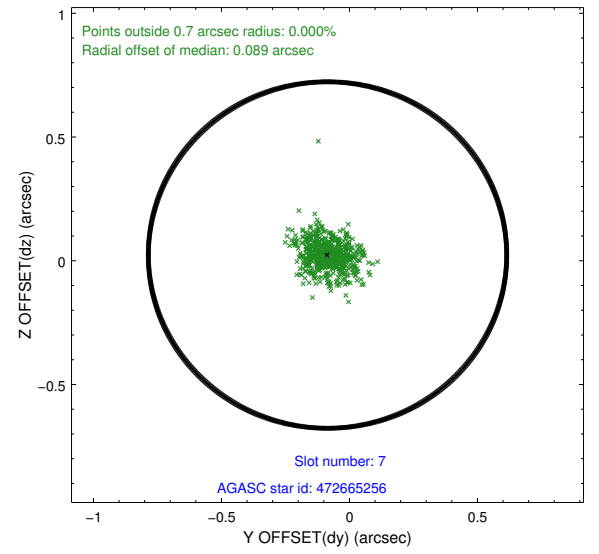
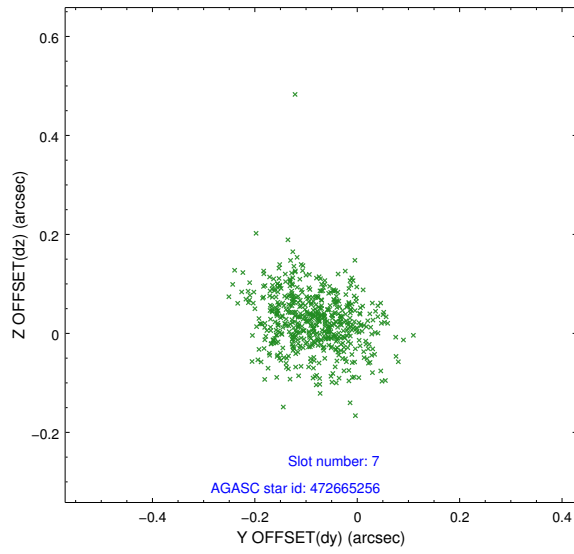
2.4.3 Slot 5



2.4.4 Slot 6

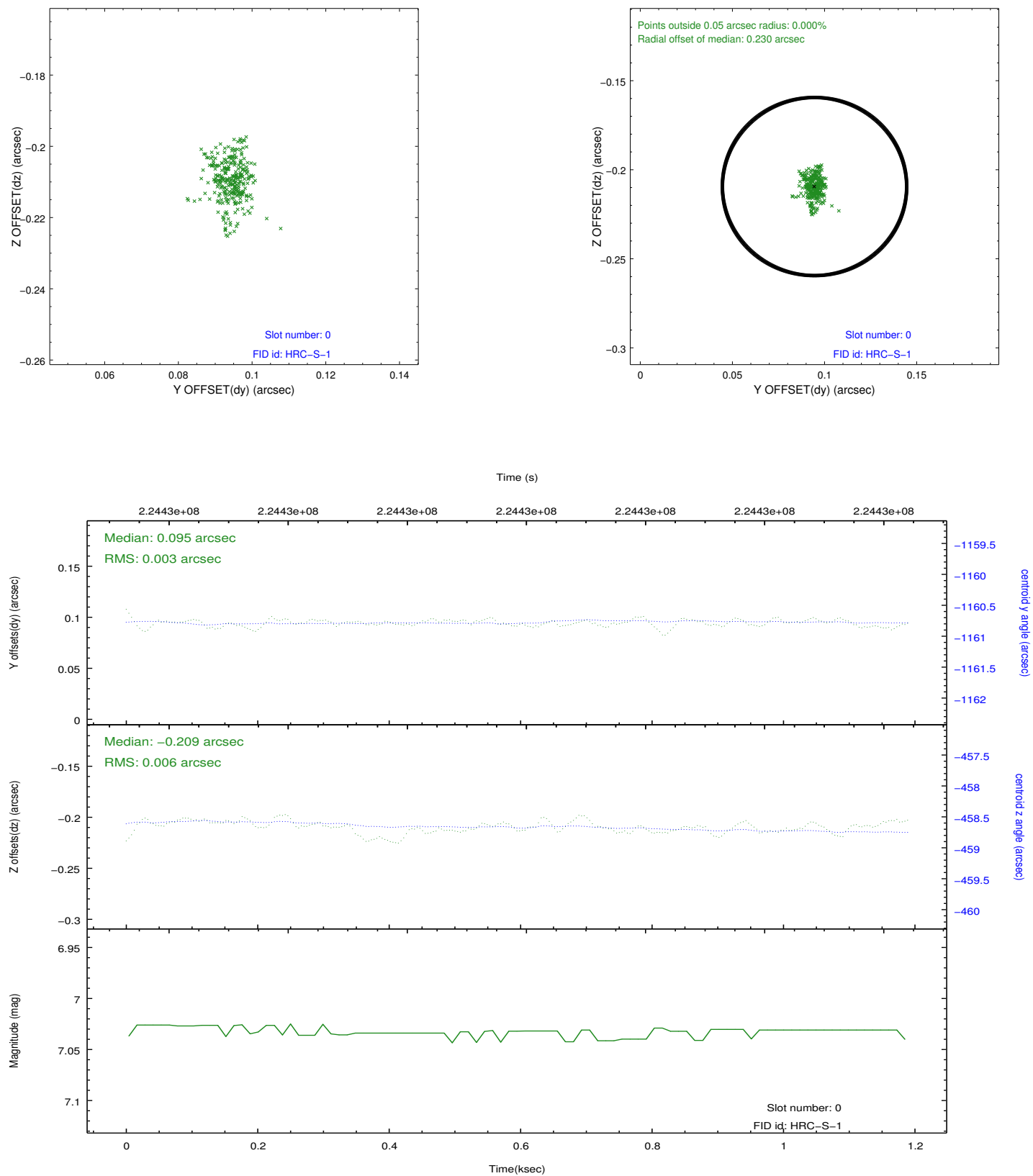


2.4.5 Slot 7

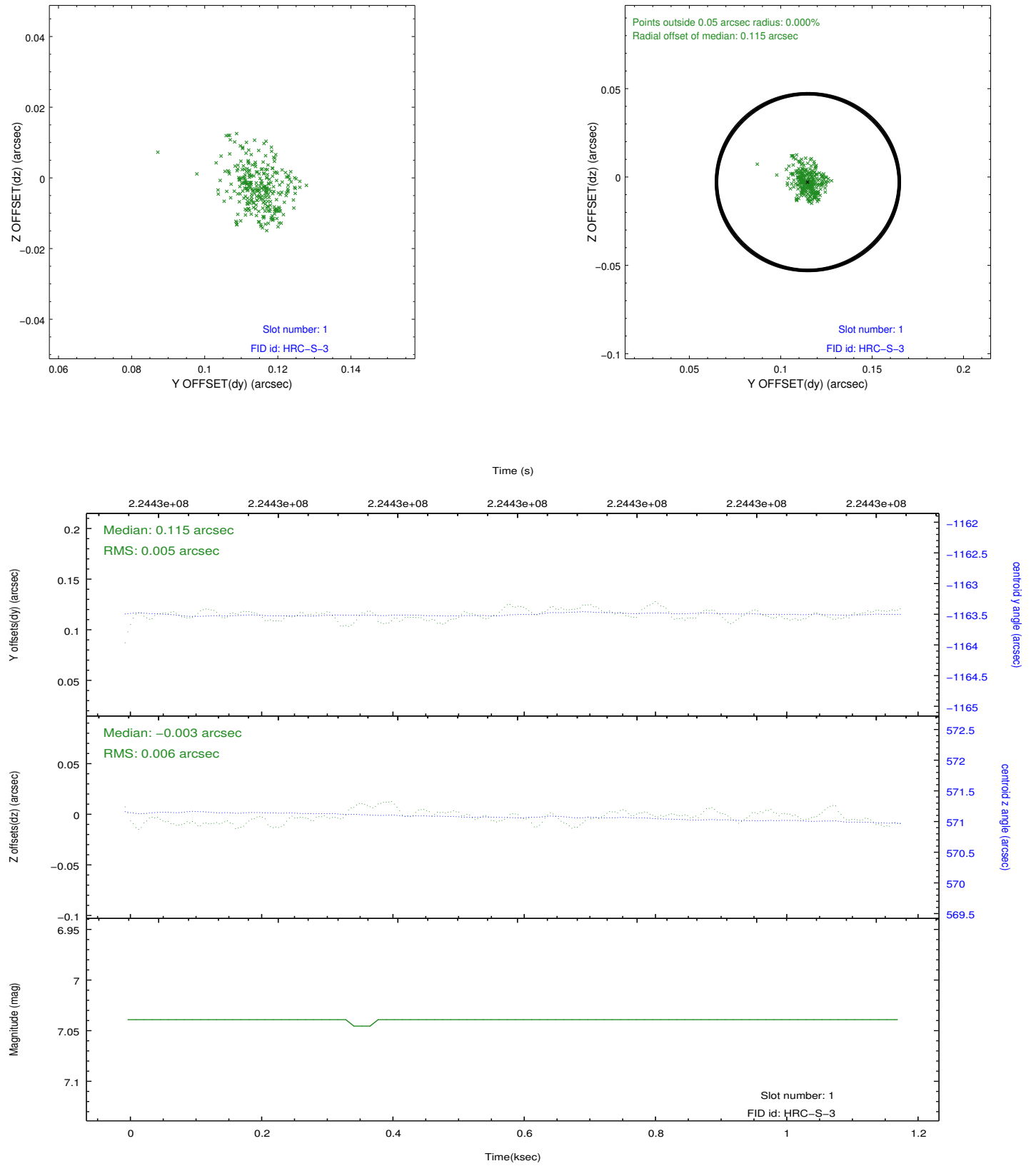


2.5 FID Slots

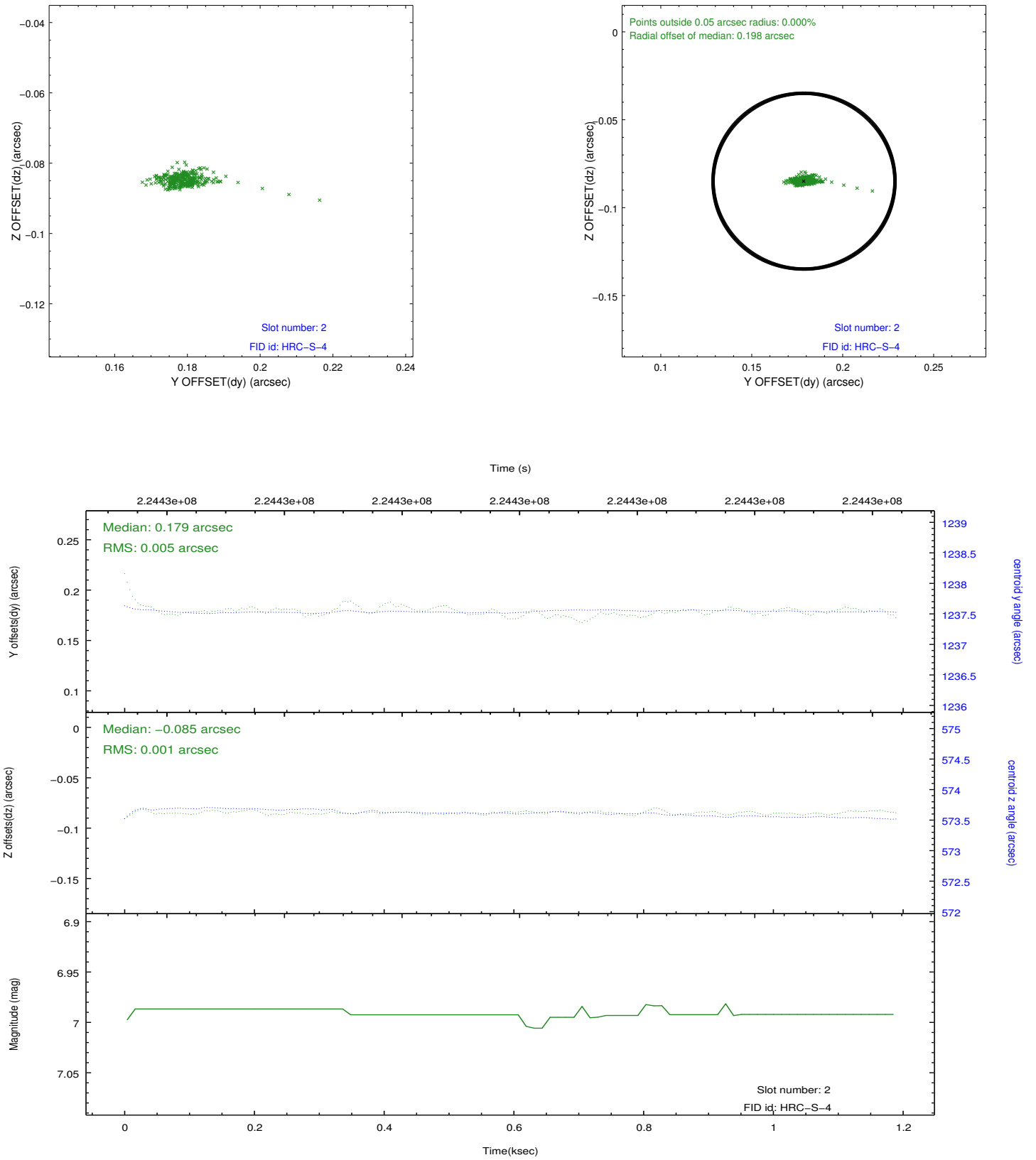
2.5.1 Slot 0



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)	2013.01.11
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.161581

A.2 Comments