

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 6746 - L2 Version 4
Chandra X-Ray Center

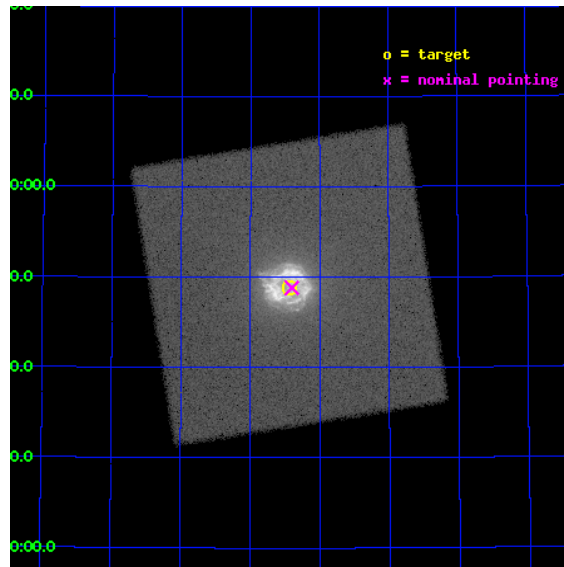
L2 Processing Date : Aug 11 2012

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1 Front

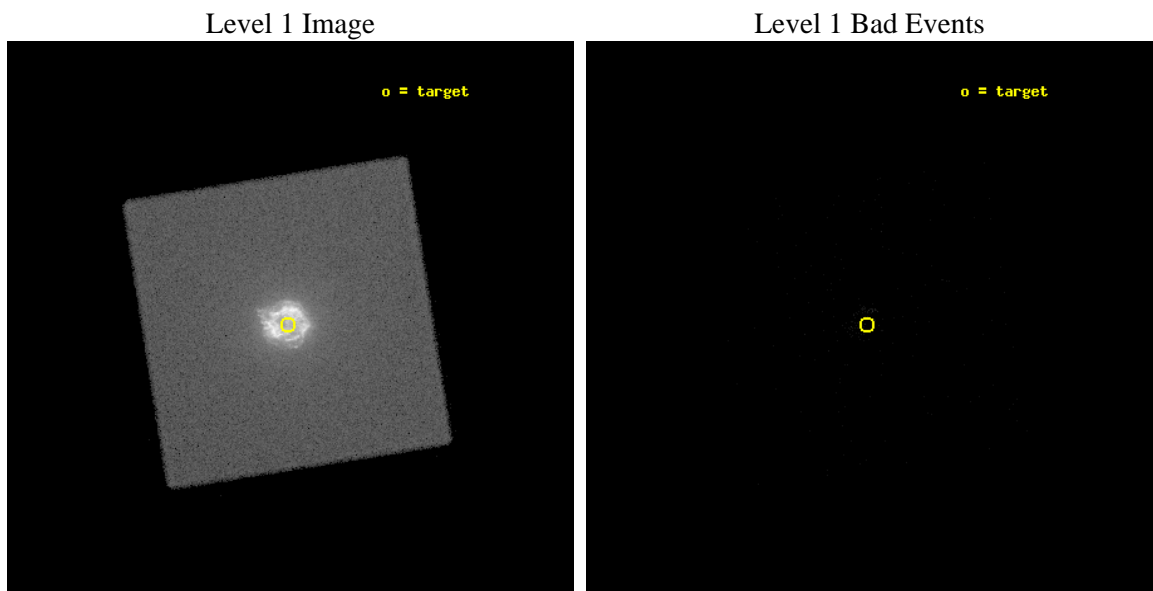
seq_num	590429	Sequence number
obs_id	6746	Observation id
title	AO7 Observations of the Standard Candles Cas A and G21.5-09	Propos
observer	Dr. CXC Calibration	Principal investigator
object	Cas A	Source name
ra_targ	350.8575	Observer's specified target RA [deg]
dec_targ	58.814833	Observer's specified target Dec [deg]
ra_nom	350.85026839667	Nominal RA [deg]
dec_nom	58.813909020863	Nominal Dec [deg]
roll_nom	215.92758141475	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5140.3752422929	[s]
livetime	4935.786040703	Ontime multiplied by DTCOR
l2events	751172	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	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5140.3752422929	[s]
caldbver	4.5.1.1	 	l1events	930574	Number of level 1 events
date	2012-08-11T15:07:27	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

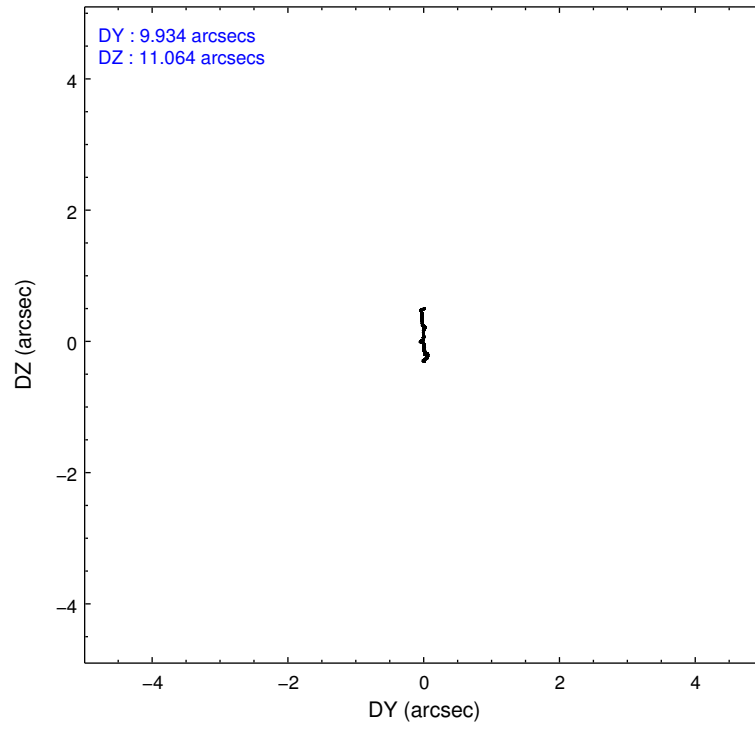
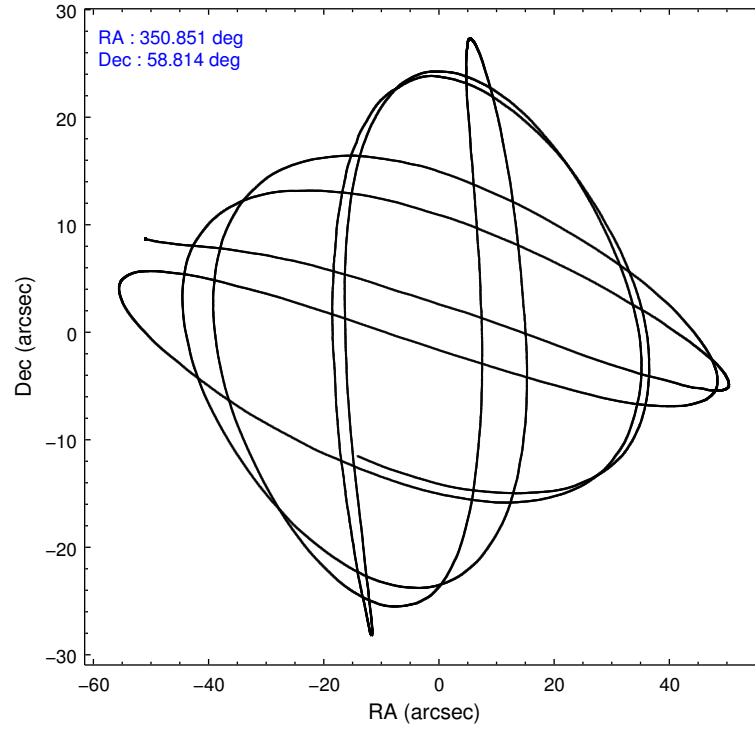
Level 1 Events

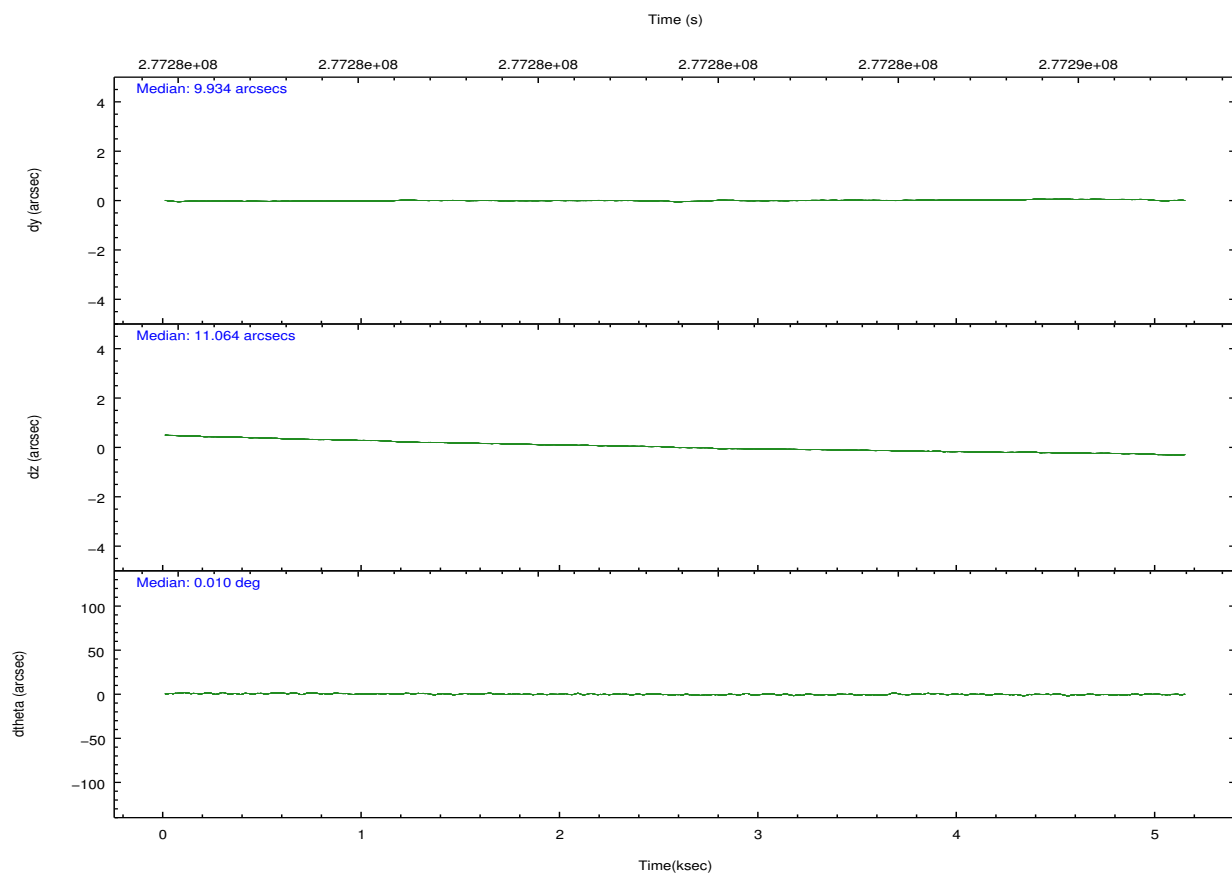
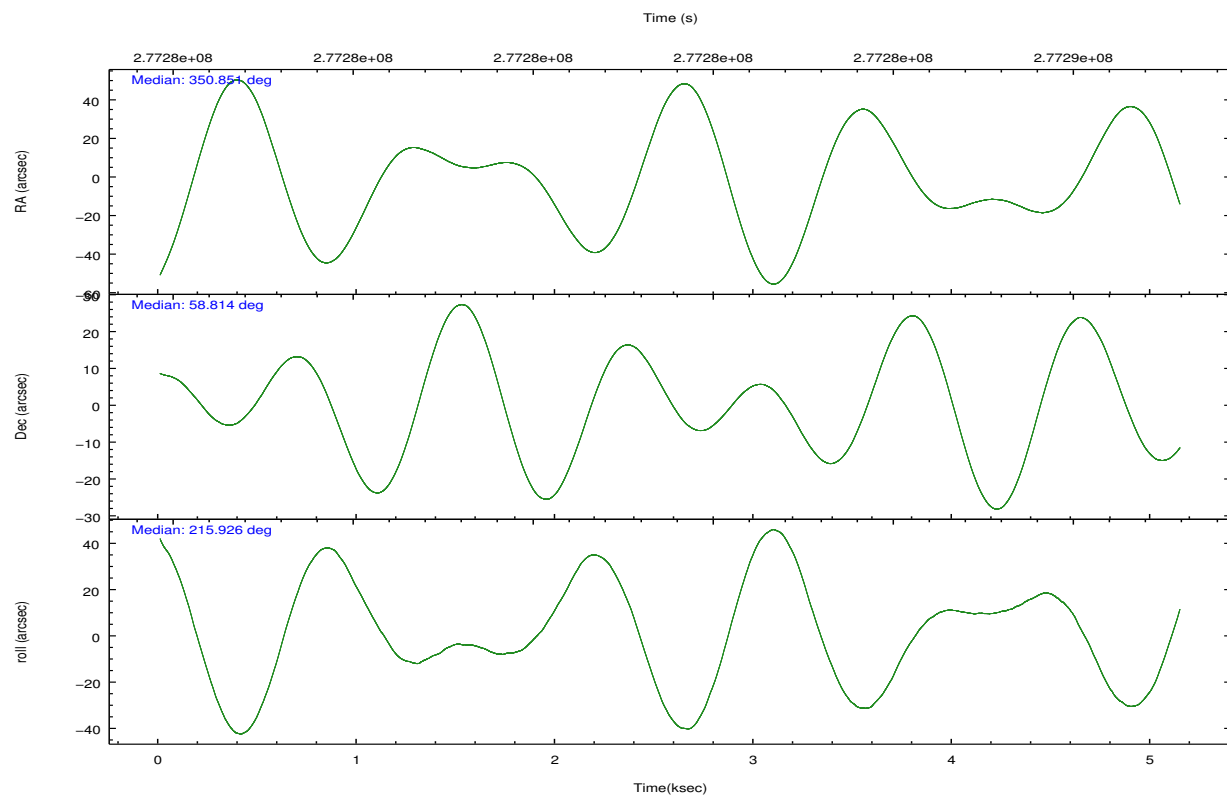
	segment 0
level 1 events	930574
rejected events	19268
rejected %	2%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
[deg] Pointing RA	350.869913	350.8502683966695			
[deg] Pointing Dec	58.838873	58.81390902086349			
[deg] Pointing Roll	216.006261	215.9275814147487			
[s] Window start time (MET)	273456065.184000	273456065.184000			
[s] Window stop time (MET)	281232065.184000	281232065.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	277281338.184000	277280933.98775			
Observation start date	2006-10-15T06:34:33	2006-10-15T06:28:53			
[s] Observation end time (MET)	277286338.184000	277287321.27556			
Observation end date	2006-10-15T07:57:53	2006-10-15T08:15:21			

2.3 Aspect



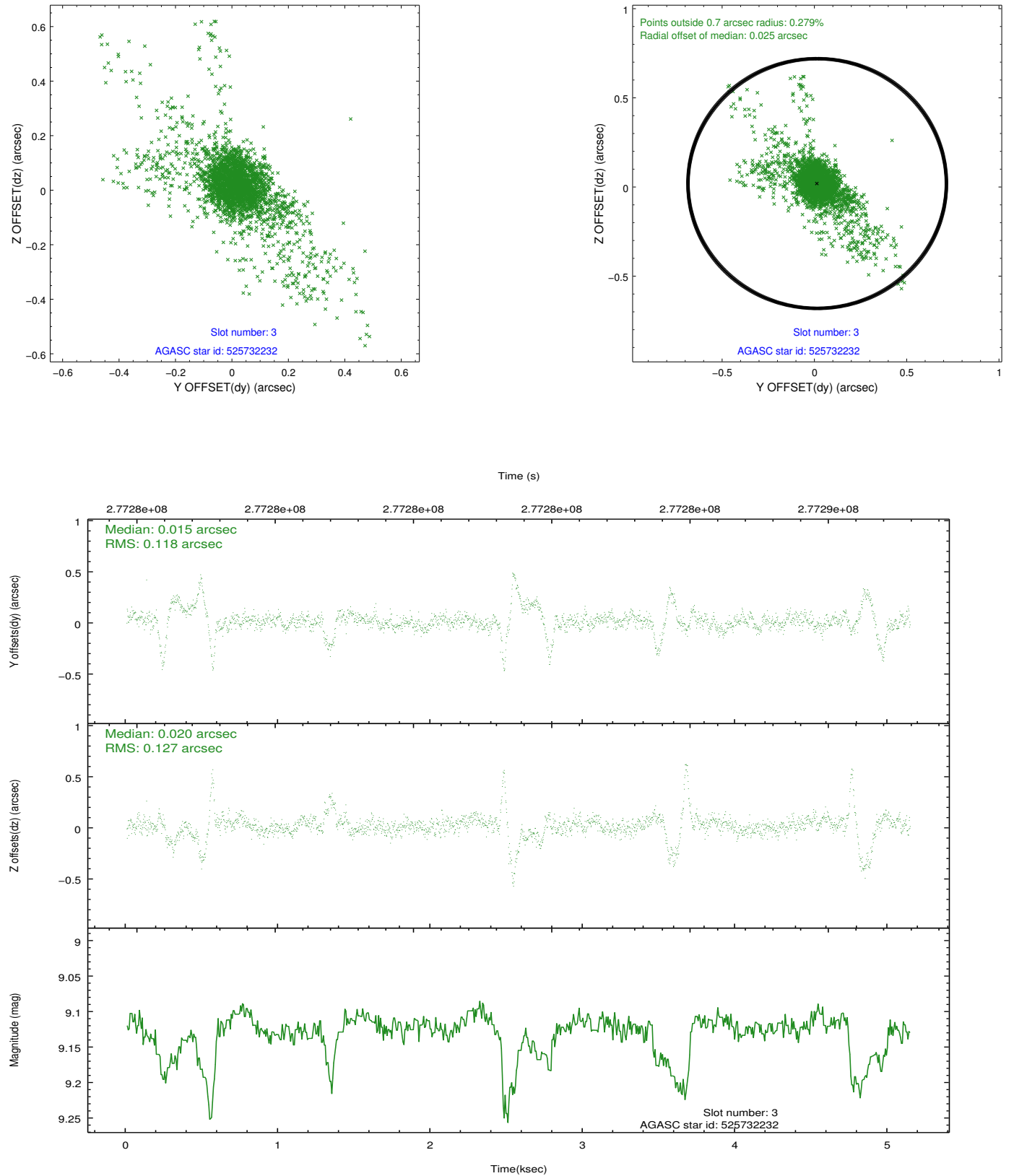


Slot Statistics

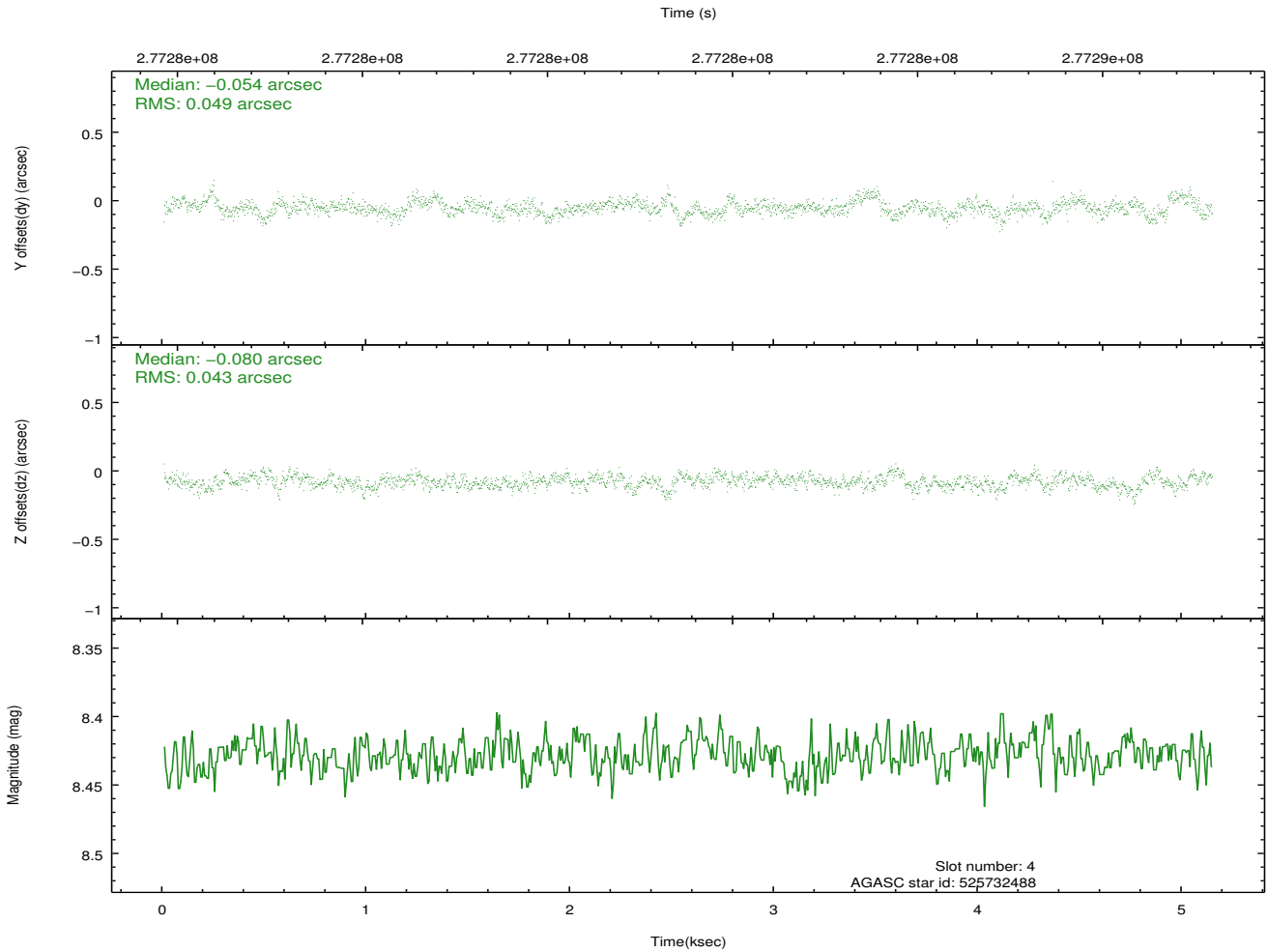
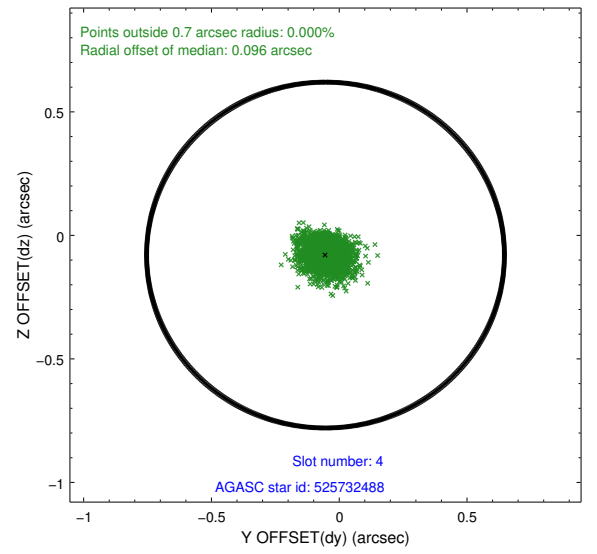
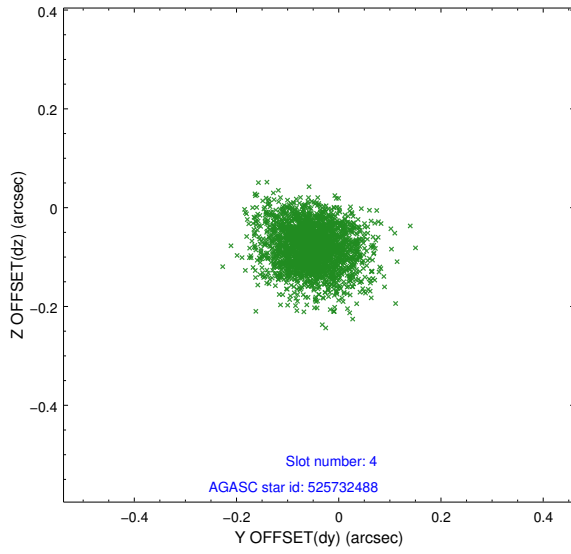
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.03	1253	-0.067	-0.063	0.009	0.017	0.000000	0.000000	-765.70	-1299.11
1	FID	HRC-I-2	7.07	1254	0.115	-0.057	0.009	0.016	0.000000	0.000000	846.50	-1301.75
2	FID	HRC-I-4	7.06	1254	0.069	0.027	0.008	0.014	0.000000	0.000000	1277.96	1002.06
3	GUIDE	525732232	9.13	2508	0.015	0.020	0.114	0.403	351.669550	58.757012	-1038.69	1109.60
4	GUIDE	525732488	8.43	2509	-0.054	-0.080	0.068	0.117	350.087090	58.516915	1867.69	65.46
5	GUIDE	525732528	9.37	2507	0.200	-0.036	0.096	0.154	351.607241	59.298932	-2071.97	-549.67
6	GUIDE	525735456	6.93	2509	-0.076	0.064	0.061	0.105	350.628183	59.307249	-631.85	-1626.41
7	GUIDE	525735976	8.87	2507	-0.086	0.036	0.080	0.141	350.142956	58.277622	2297.67	818.55

2.4 Star Slots

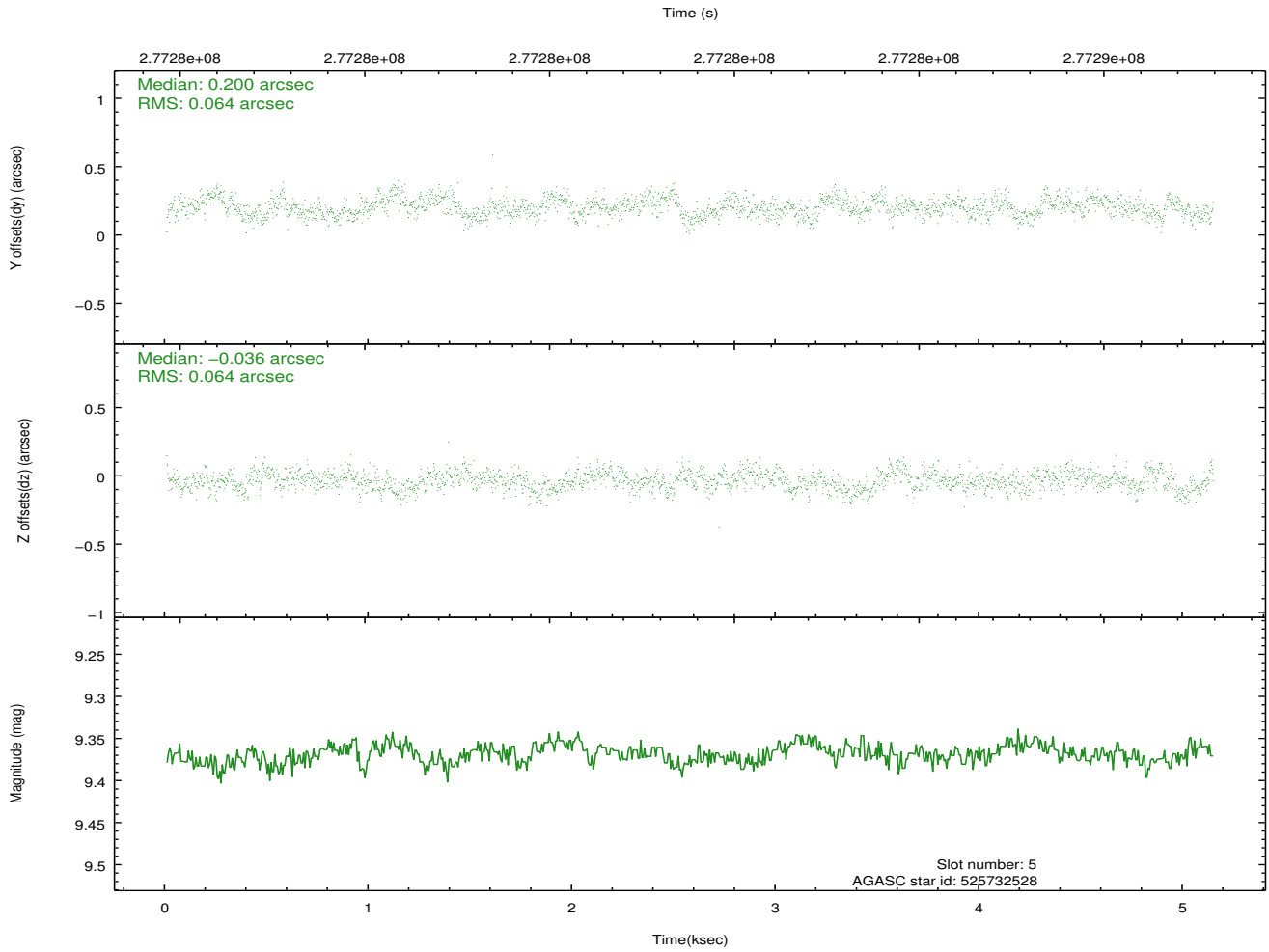
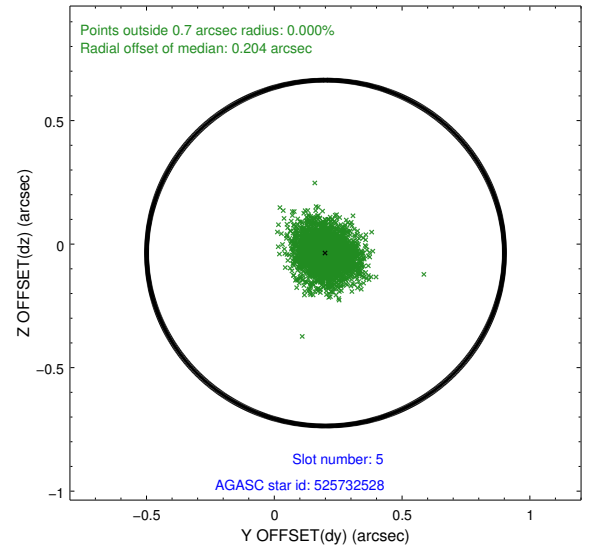
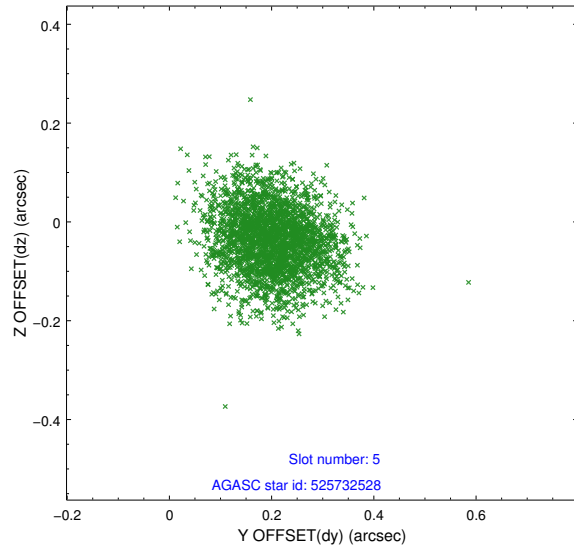
2.4.1 Slot 3



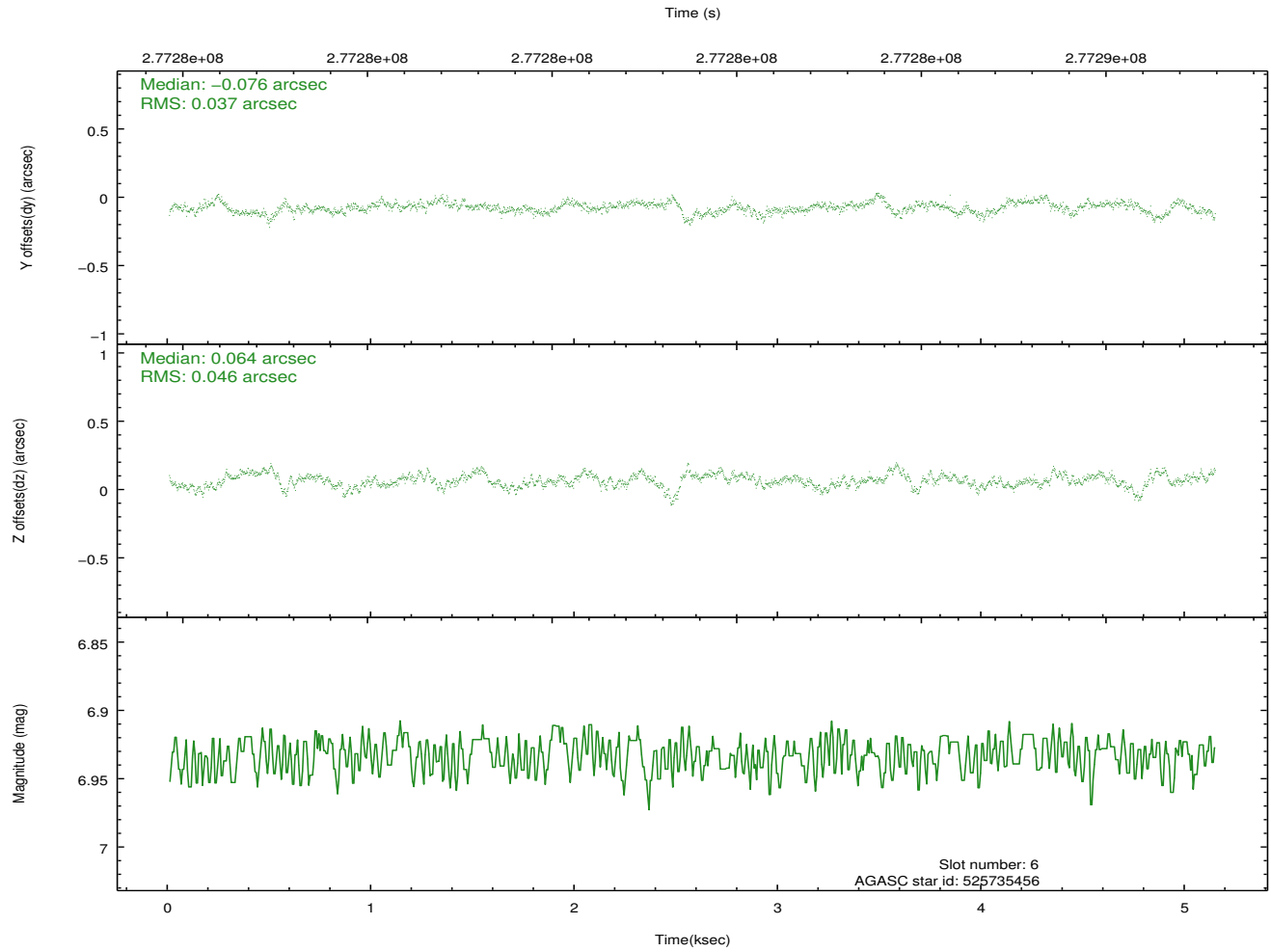
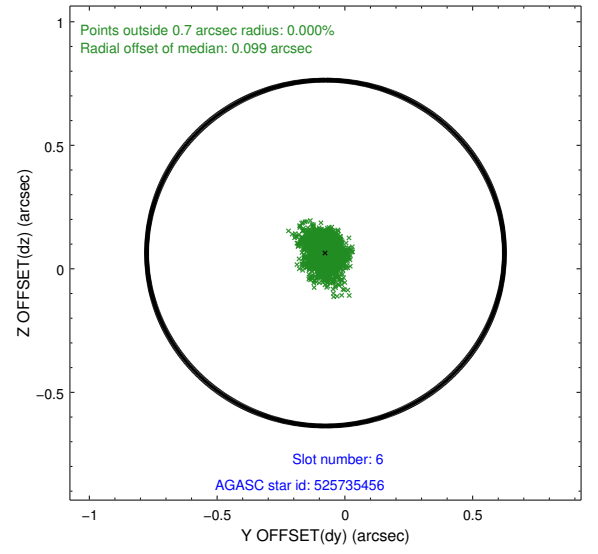
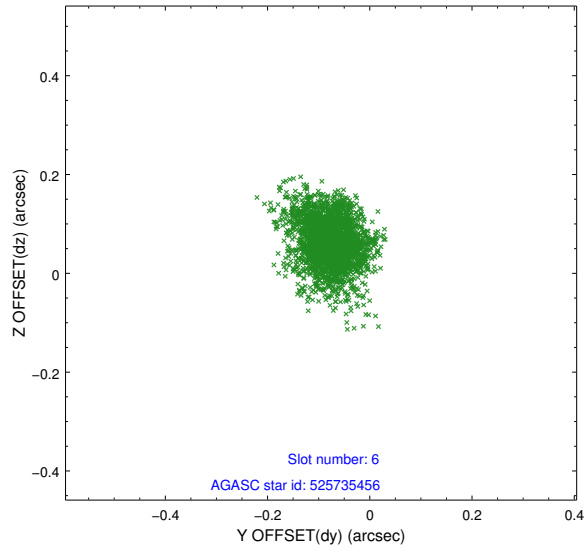
2.4.2 Slot 4



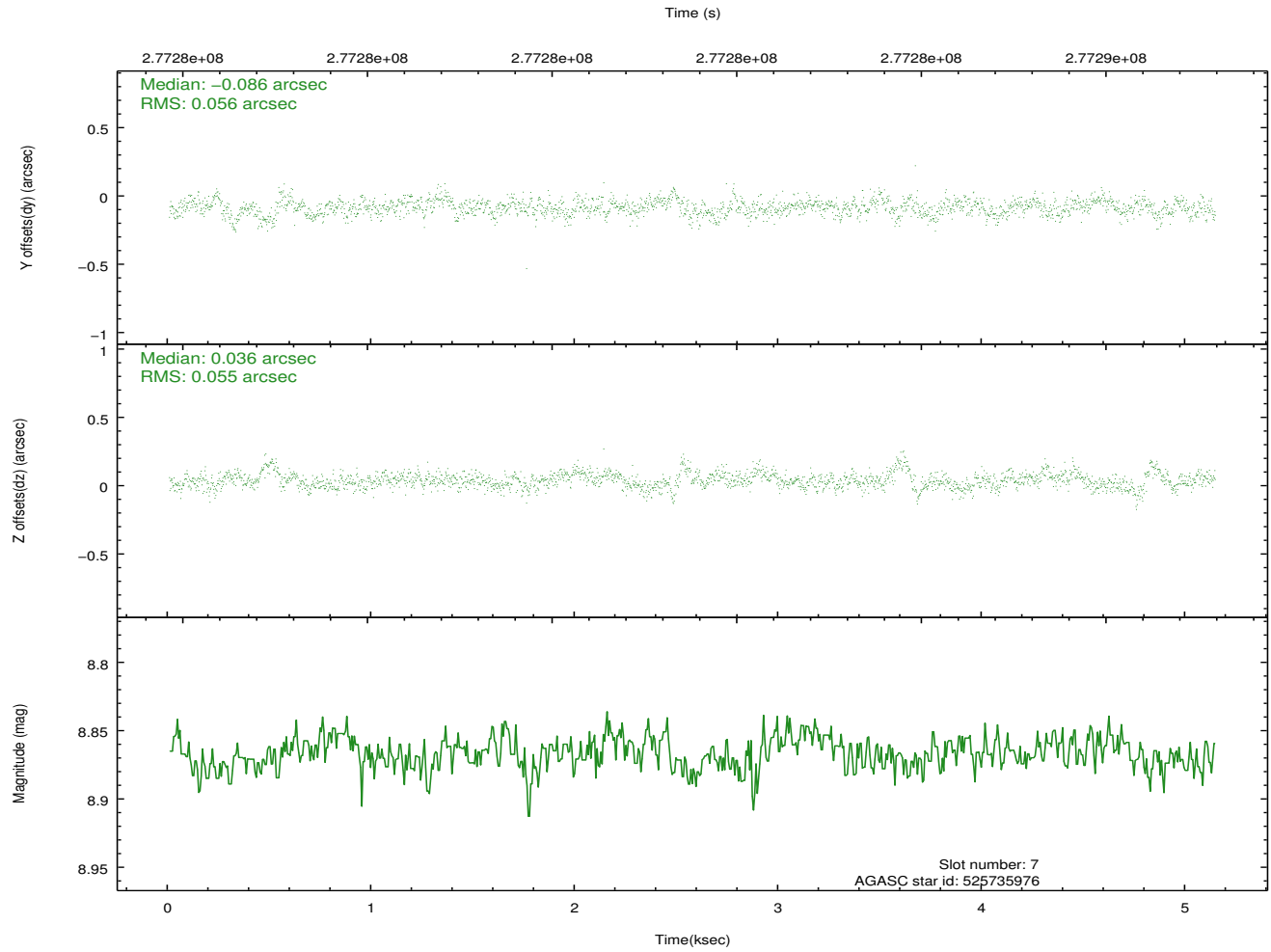
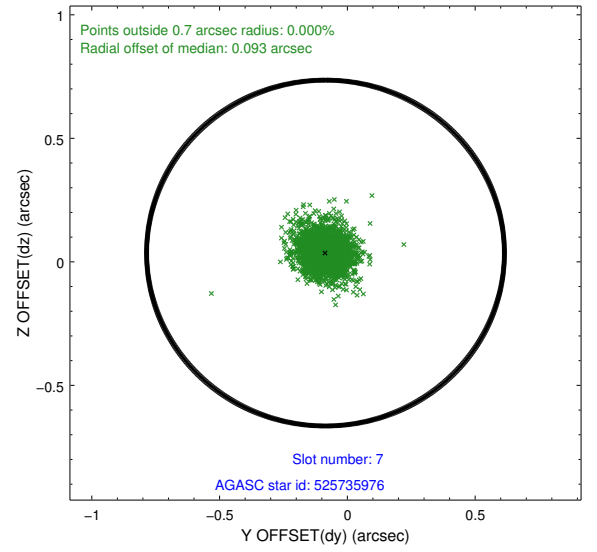
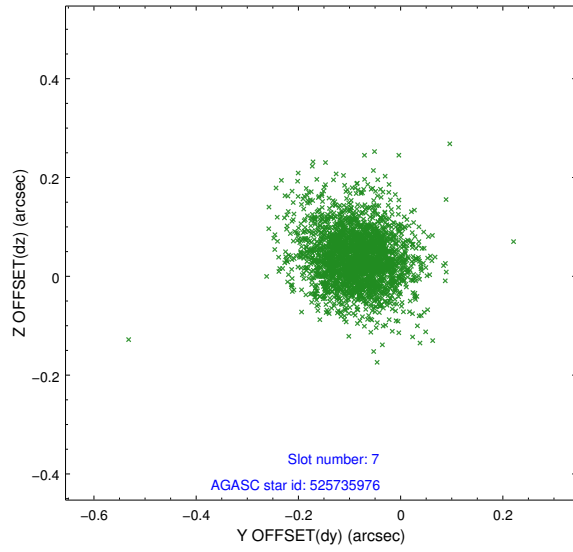
2.4.3 Slot 5



2.4.4 Slot 6

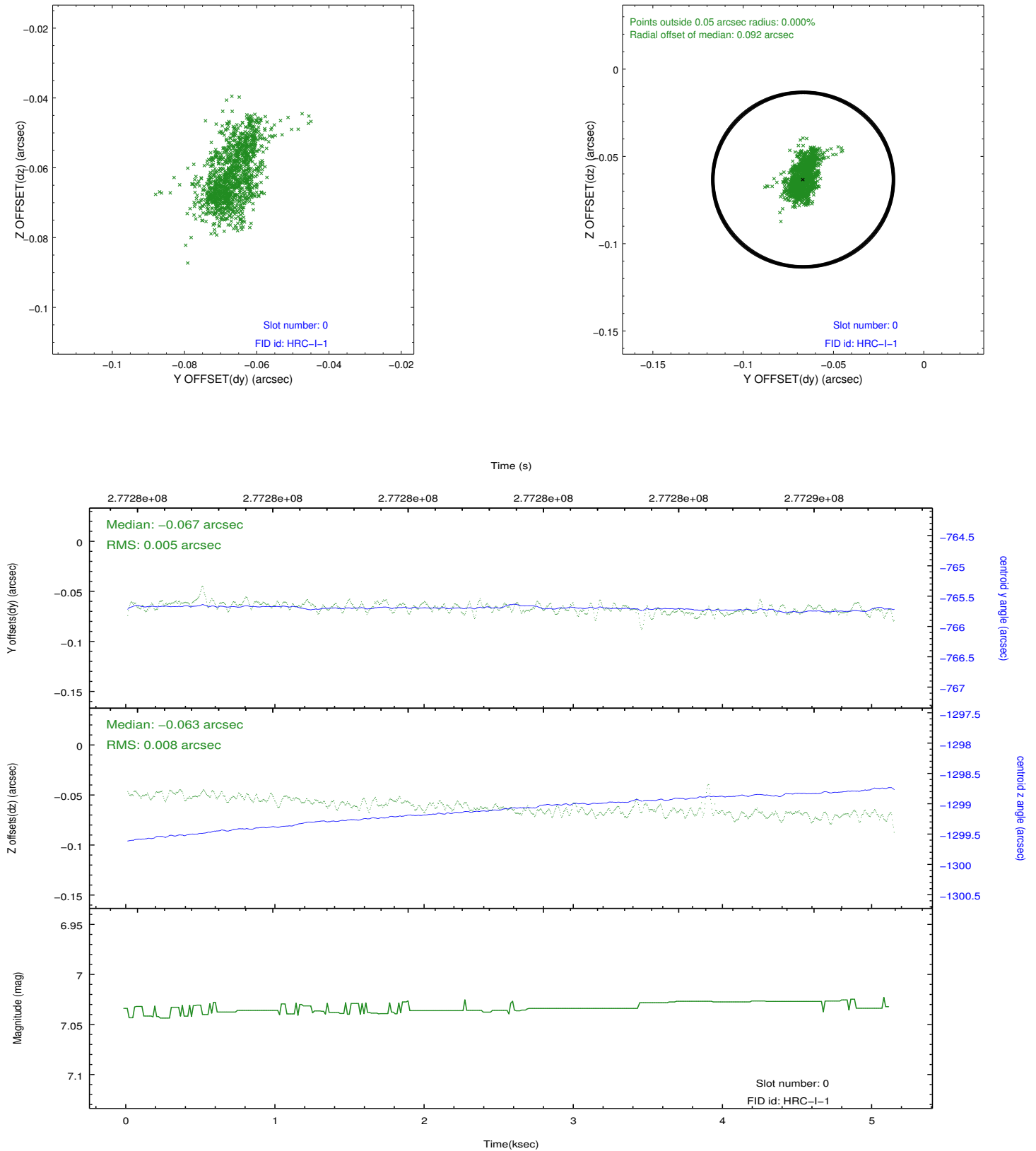


2.4.5 Slot 7

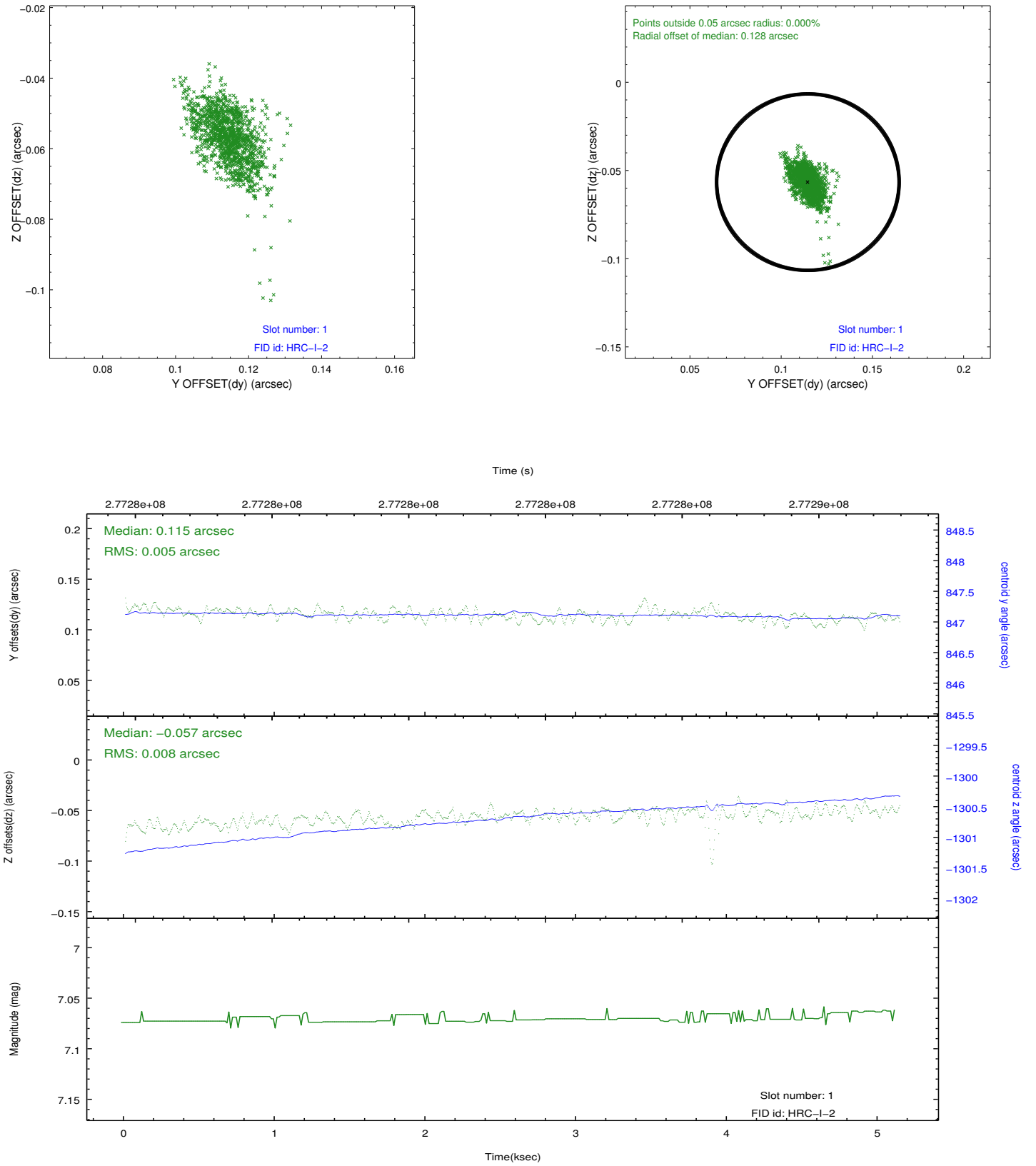


2.5 FID Slots

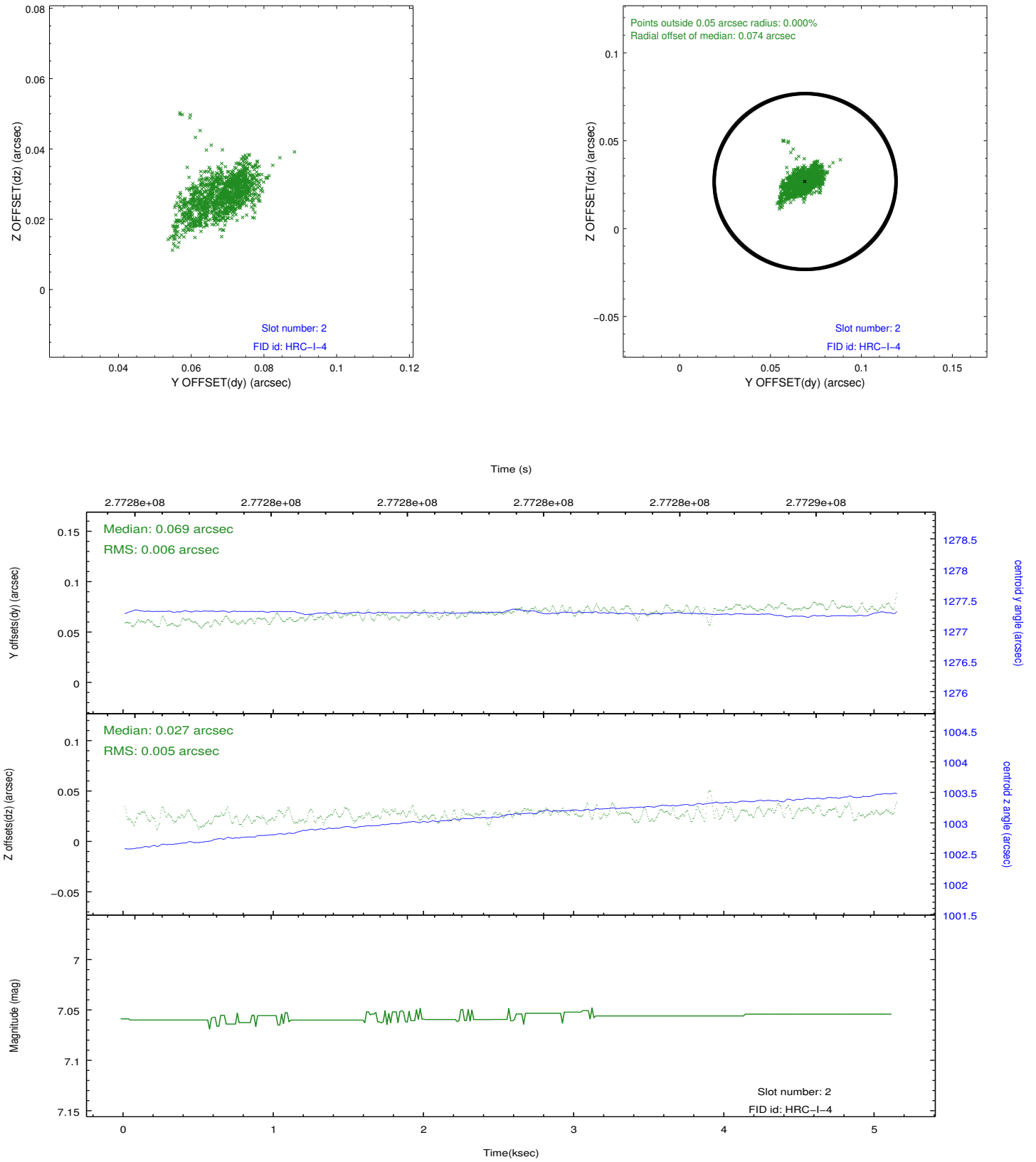
2.5.1 Slot 0



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)	2012.08.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.14063149

A.2 Comments

Window preference met.