

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 6069 - L2 Version 4
Chandra X-Ray Center

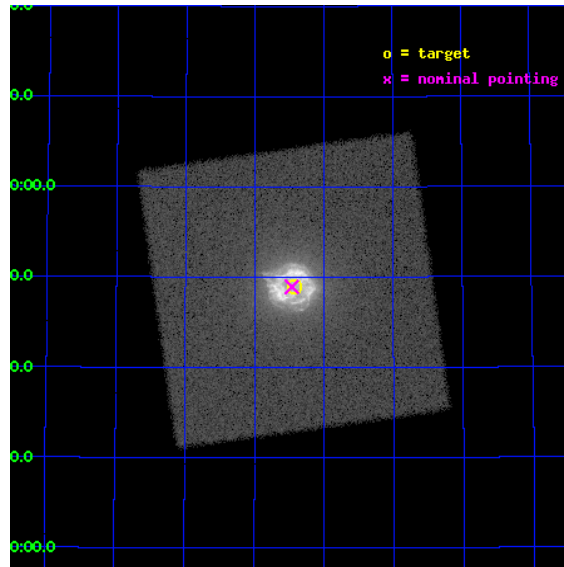
L2 Processing Date : Dec 22 2012

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1 Front

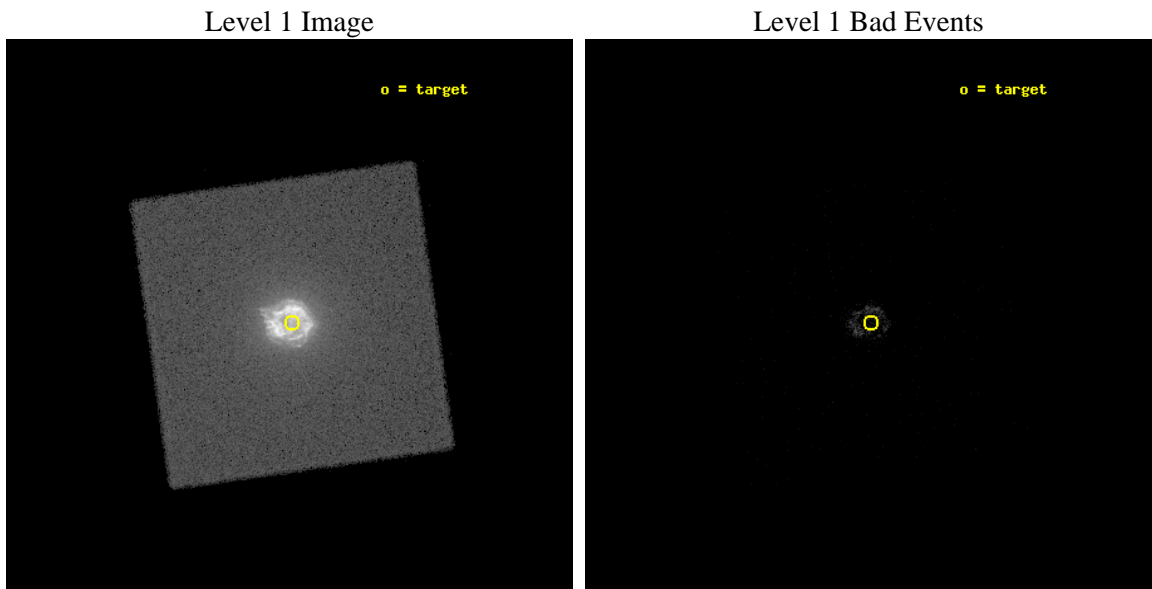
seq_num	590396	Sequence number
obs_id	6069	Observation id
title	AO6A Observations of the Standard Candles Cas A and G21.5-09	Propo
observer	Dr. CXC Calibration	Principal investigator
object	Cas A	Source name
ra_targ	350.8575	Observer's specified target RA [deg]
dec_targ	58.814833	Observer's specified target Dec [deg]
ra_nom	350.86577777703	Nominal RA [deg]
dec_nom	58.815941569554	Nominal Dec [deg]
roll_nom	36.955546966291	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5150.8814840317	[s]
livetime	5081.8552681884	Ontime multiplied by DTCOR
l2events	651040	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	8.5.1.1	Processing system revision	ontime	5150.8814840317	[s]
caldbver	4.5.5	 	l1events	783203	Number of level 1 events
date	2012-12-22T01:35:23	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

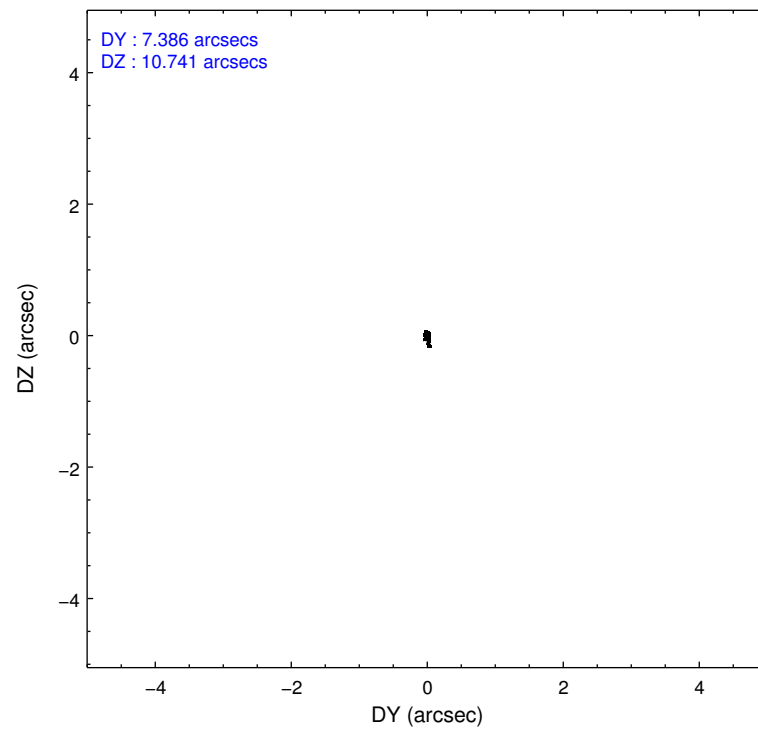
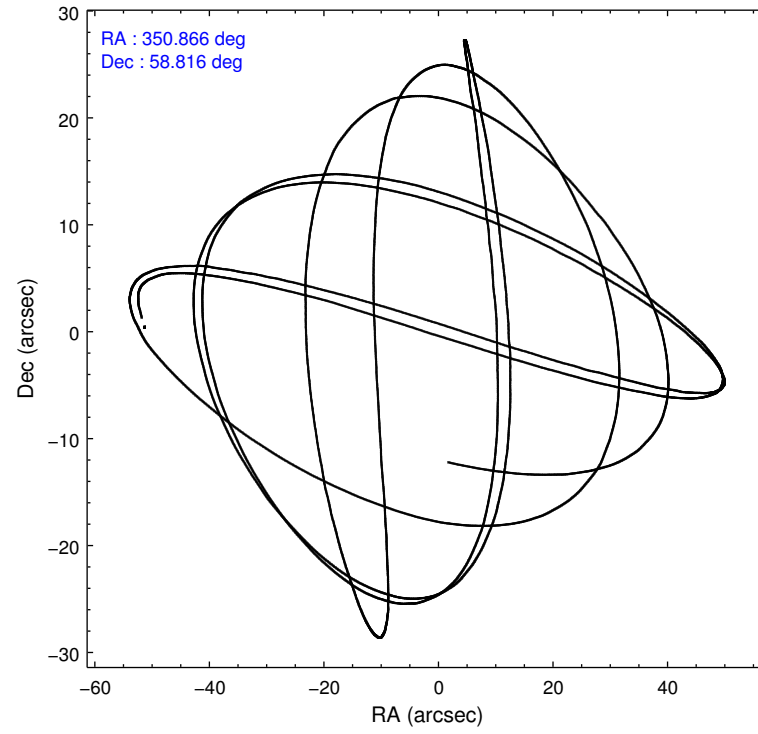
Level 1 Events

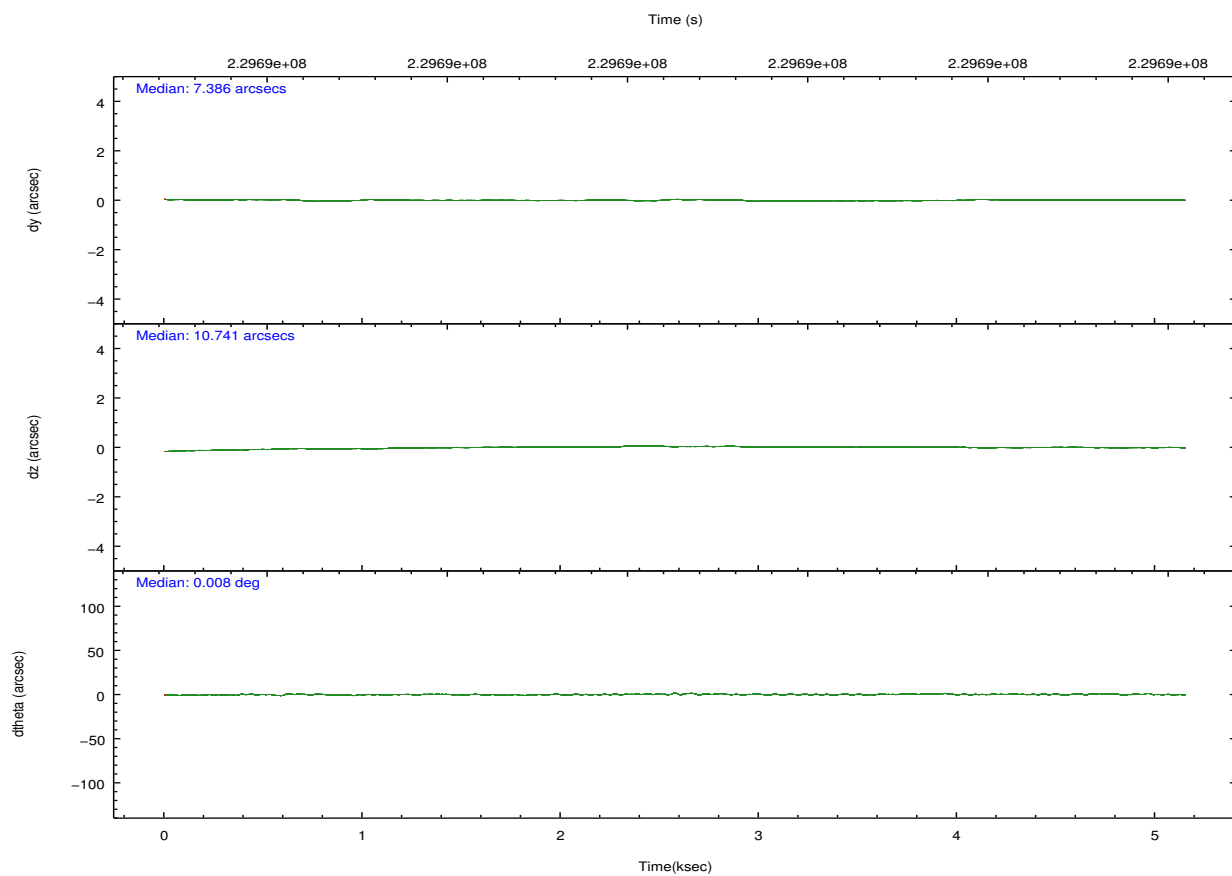
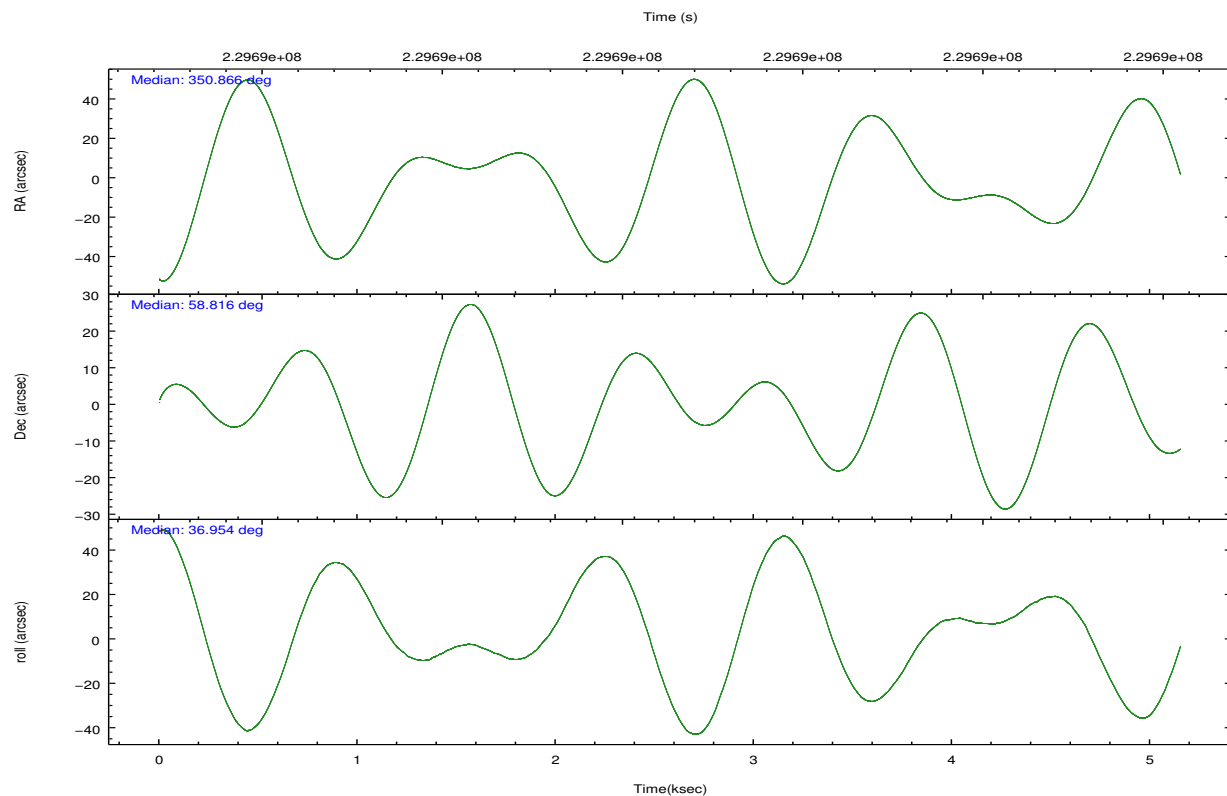
	segment 0
level 1 events	783203
rejected events	11714
rejected %	1%

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	350.845938	350.8657777770342			
[deg] Pointing Dec	58.790678	58.81594156955398			
[deg] Pointing Roll	37.068008	36.95554696629144			
[s] Window start time (MET)	223603264.184000	223603264.184000			
[s] Window stop time (MET)	233884864.184000	233884864.184000			
[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)	229686845.184000	229686446.68356			
Observation start date	2005-04-12T09:53:01	2005-04-12T09:47:26			
[s] Observation end time (MET)	229691845.184000	229692703.79634			
Observation end date	2005-04-12T11:16:21	2005-04-12T11:31:43			

2.3 Aspect



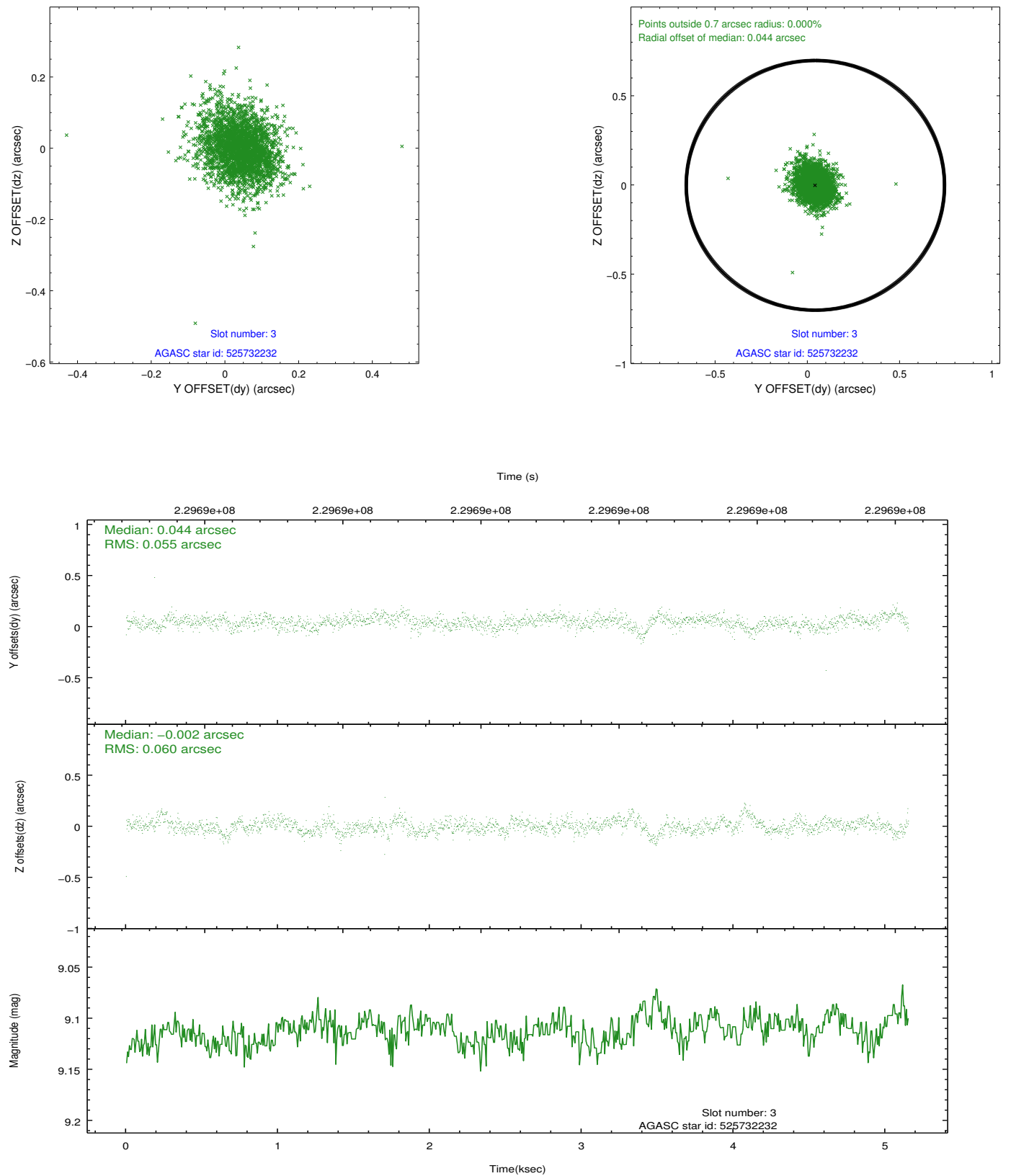


Slot Statistics

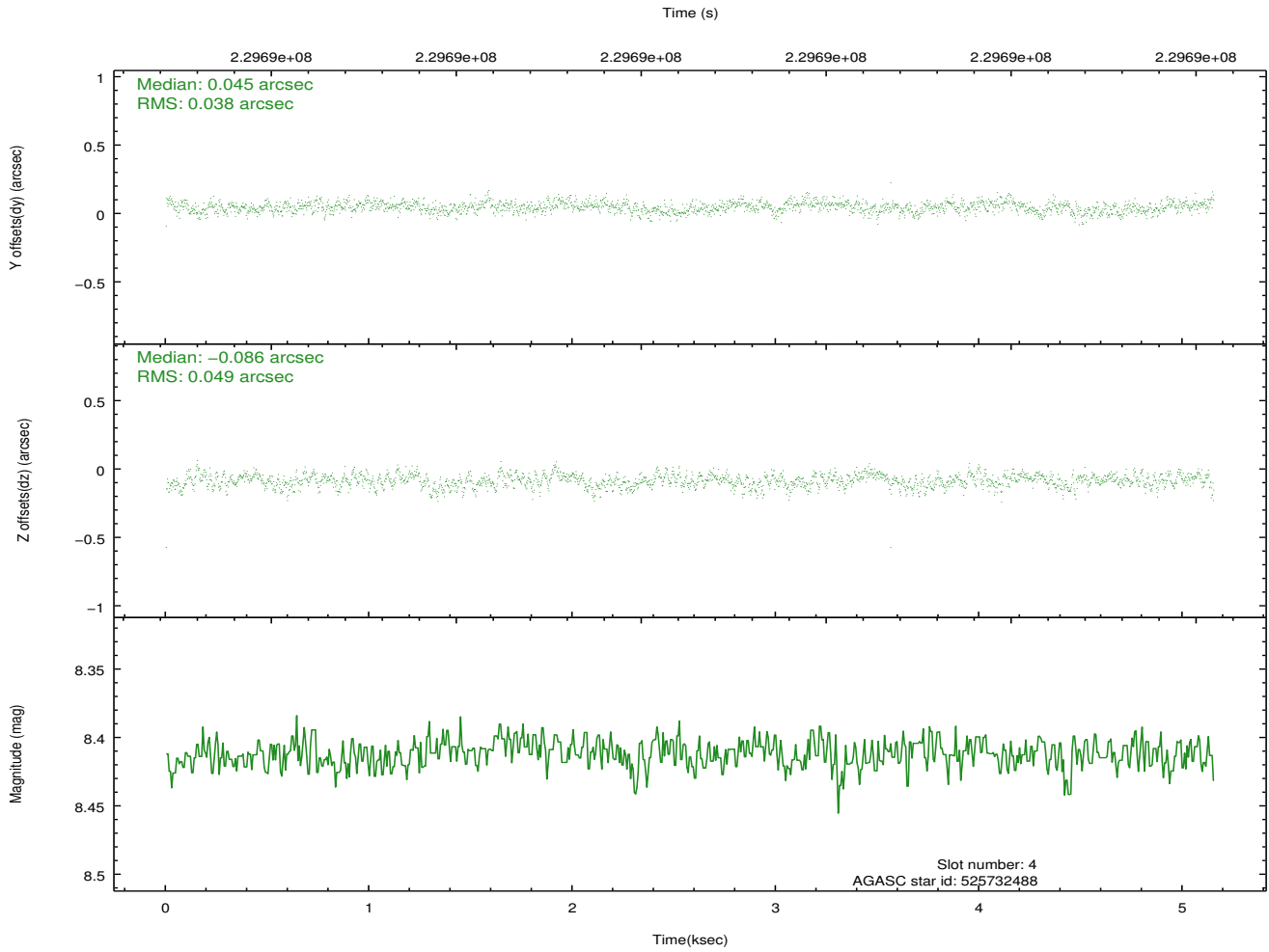
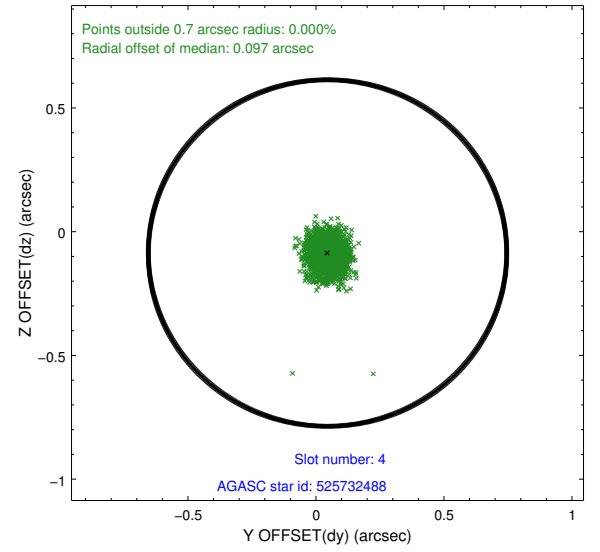
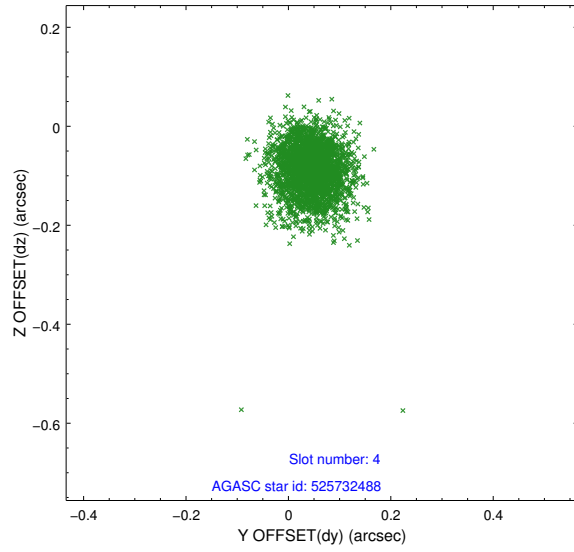
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	7.00	1257	-0.016	0.009	0.009	0.017	0.000000	0.000000	-762.97	-1298.69
1	FID	HRC-I-2	7.04	1257	0.106	-0.051	0.007	0.013	0.000000	0.000000	849.18	-1301.32
2	FID	HRC-I-3	7.08	1257	0.029	-0.047	0.006	0.012	0.000000	0.000000	-1190.77	1004.78
3	GUIDE	525732232	9.11	2514	0.044	-0.002	0.083	0.144	351.669550	58.757012	1159.24	-1016.49
4	GUIDE	525732488	8.41	2514	0.045	-0.086	0.064	0.105	350.087090	58.516915	-1727.68	79.92
5	GUIDE	525732528	9.38	2514	-0.012	0.030	0.097	0.155	351.607241	59.298932	2222.73	623.51
6	GUIDE	525735456	6.71	2514	-0.157	-0.155	0.058	0.092	350.628183	59.307249	801.99	1726.17
7	GUIDE	525735976	8.77	2511	0.080	0.218	0.068	0.111	350.142956	58.277622	-2171.22	-664.83

2.4 Star Slots

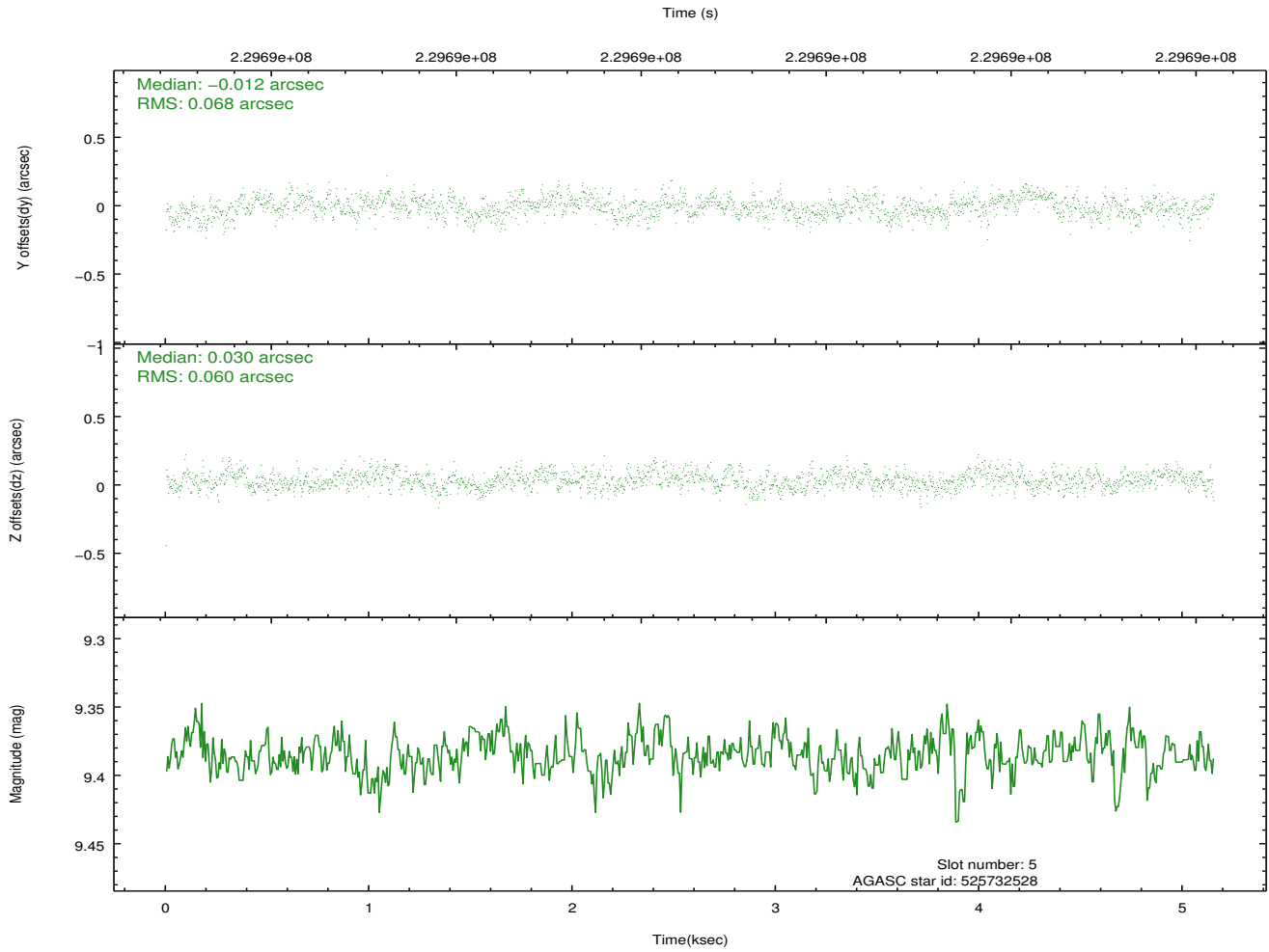
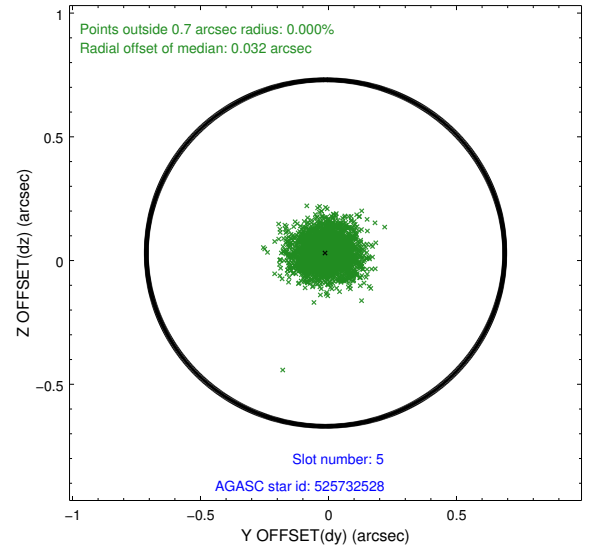
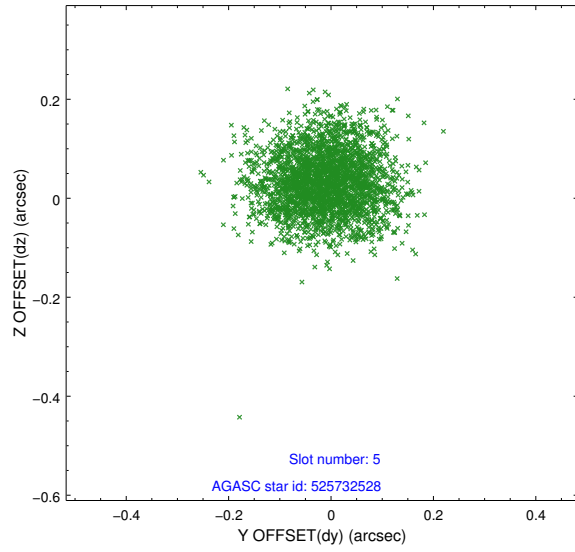
2.4.1 Slot 3



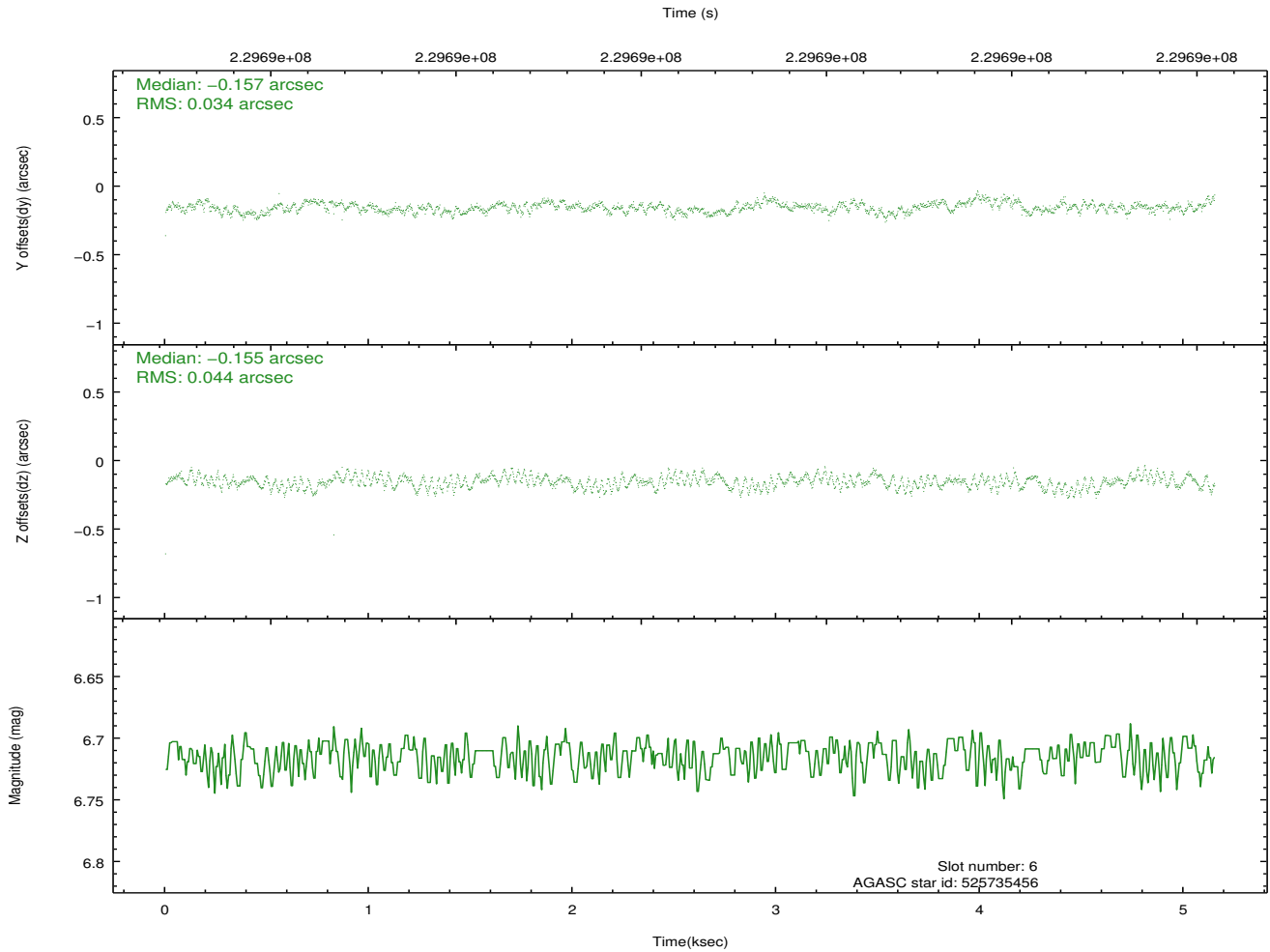
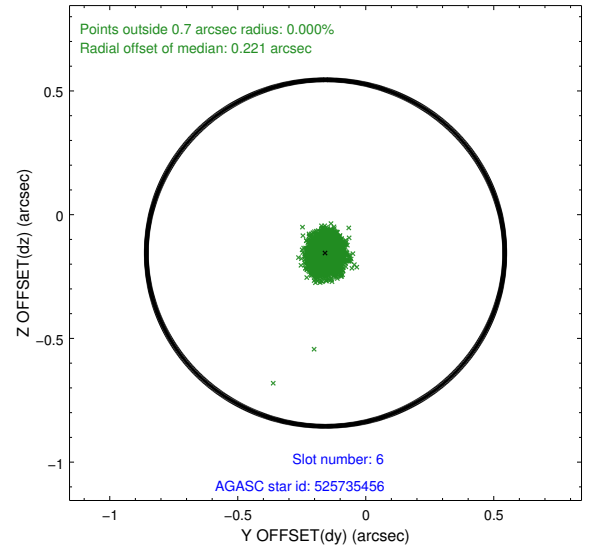
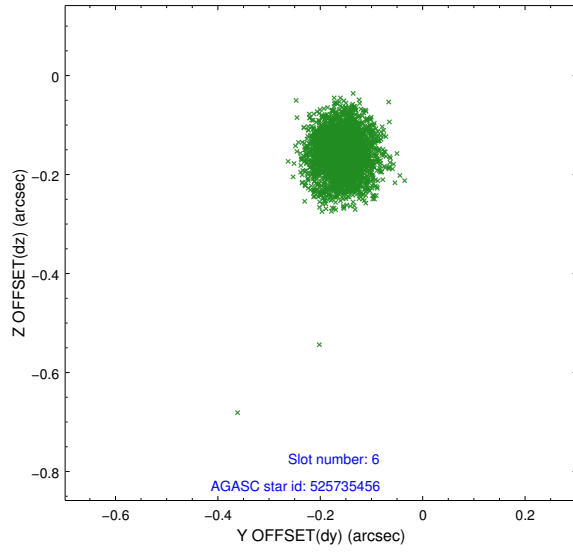
2.4.2 Slot 4



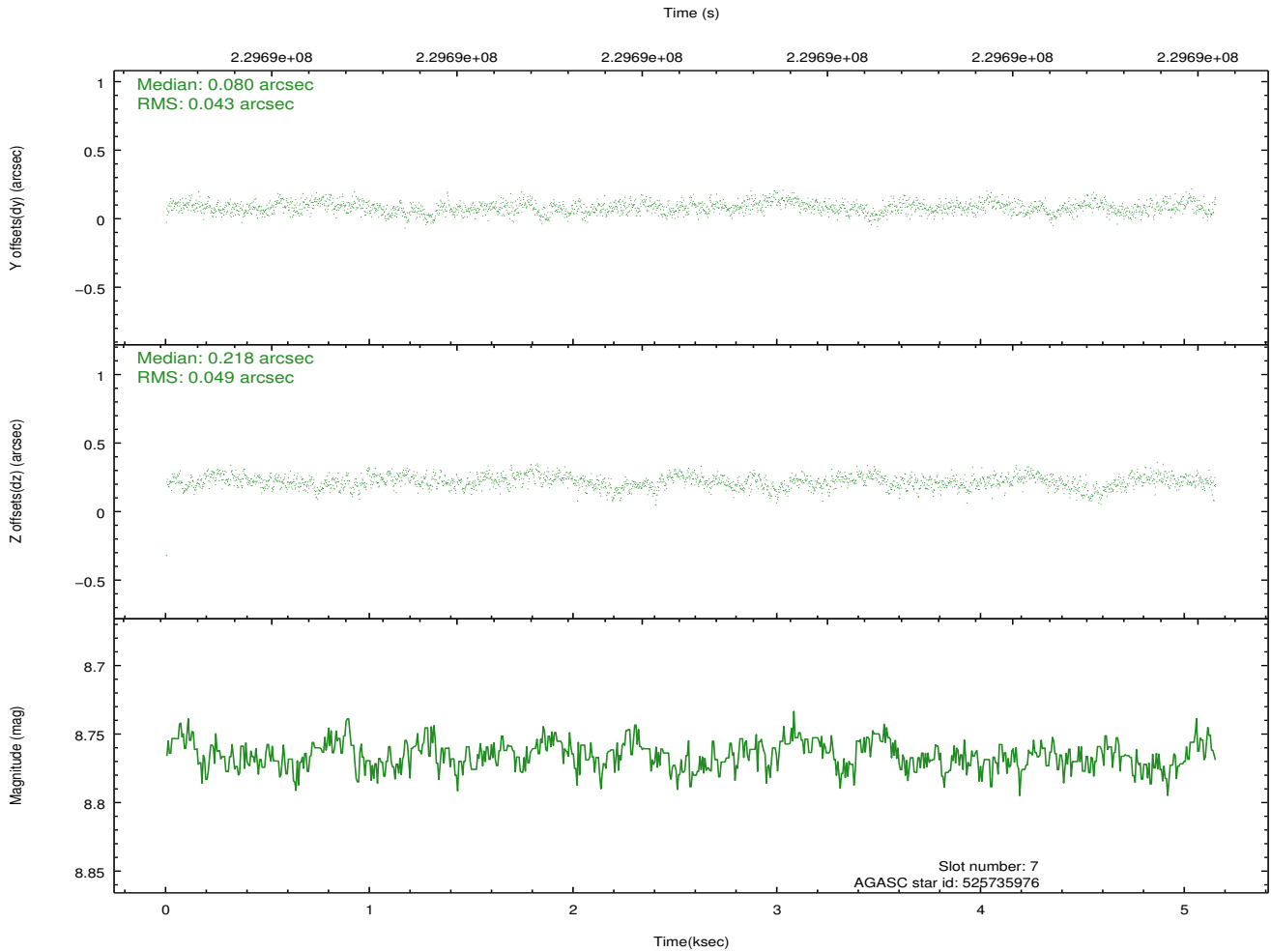
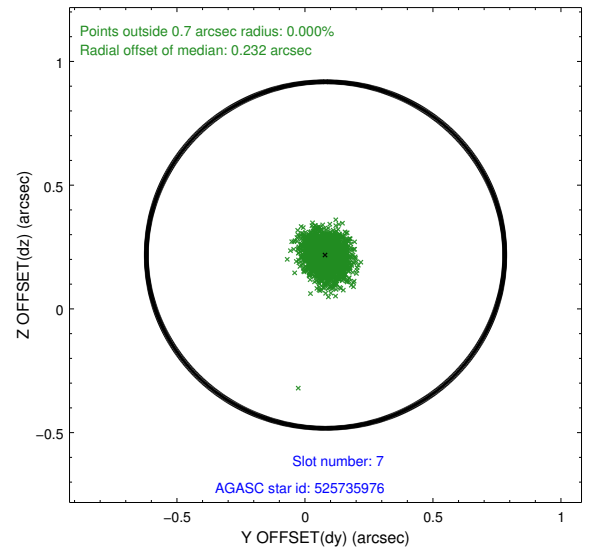
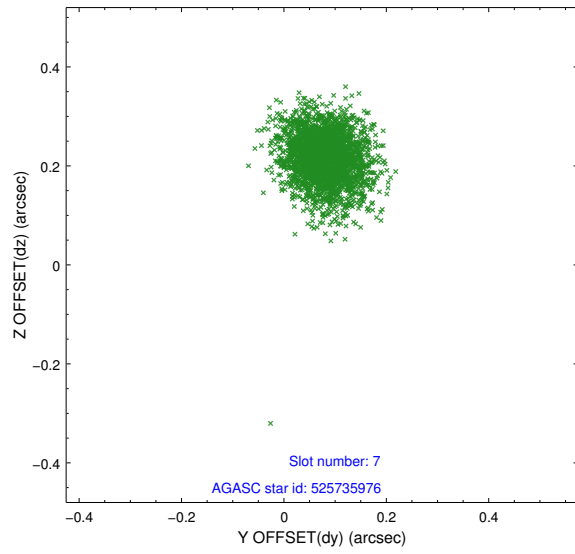
2.4.3 Slot 5



2.4.4 Slot 6

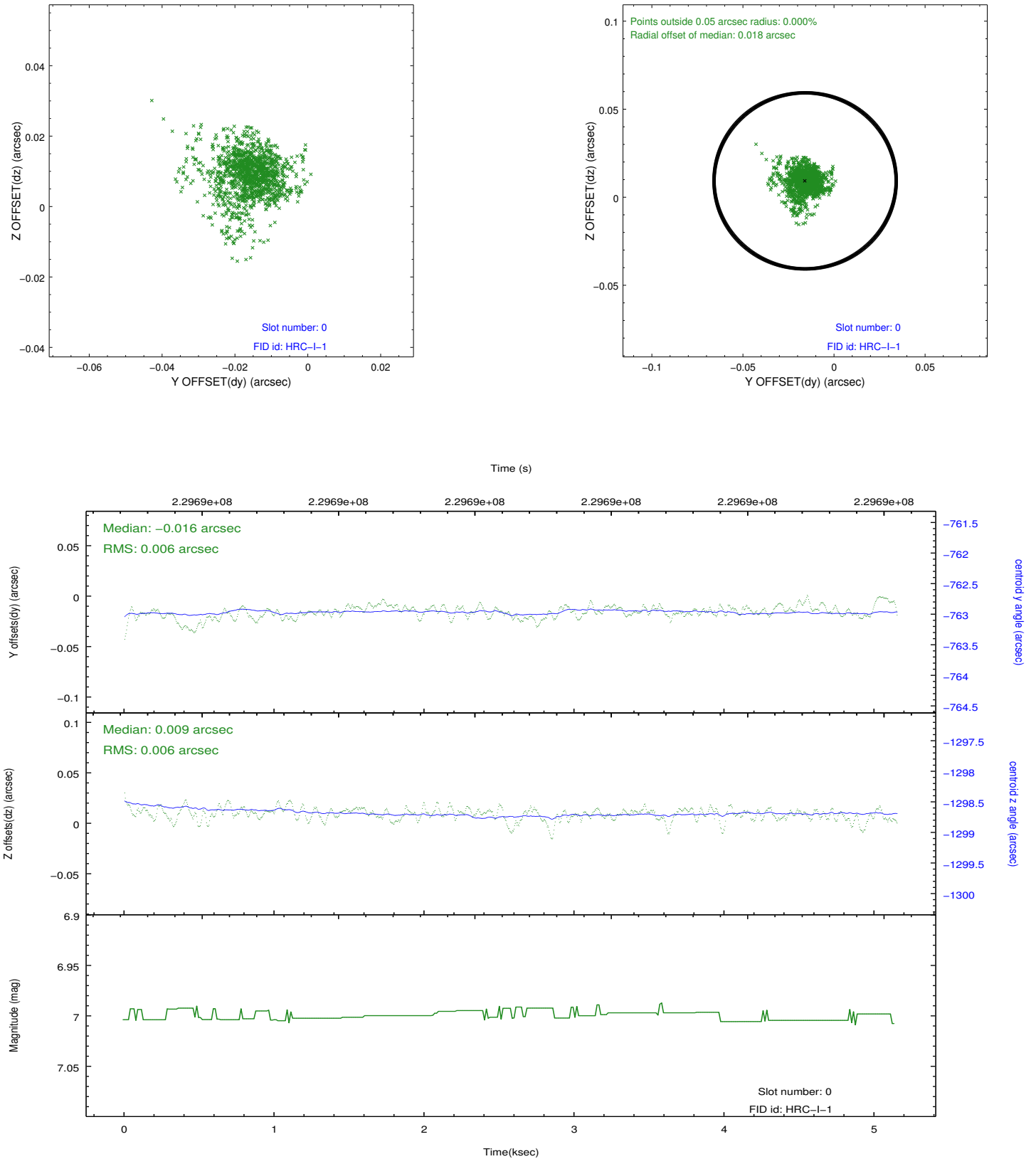


2.4.5 Slot 7

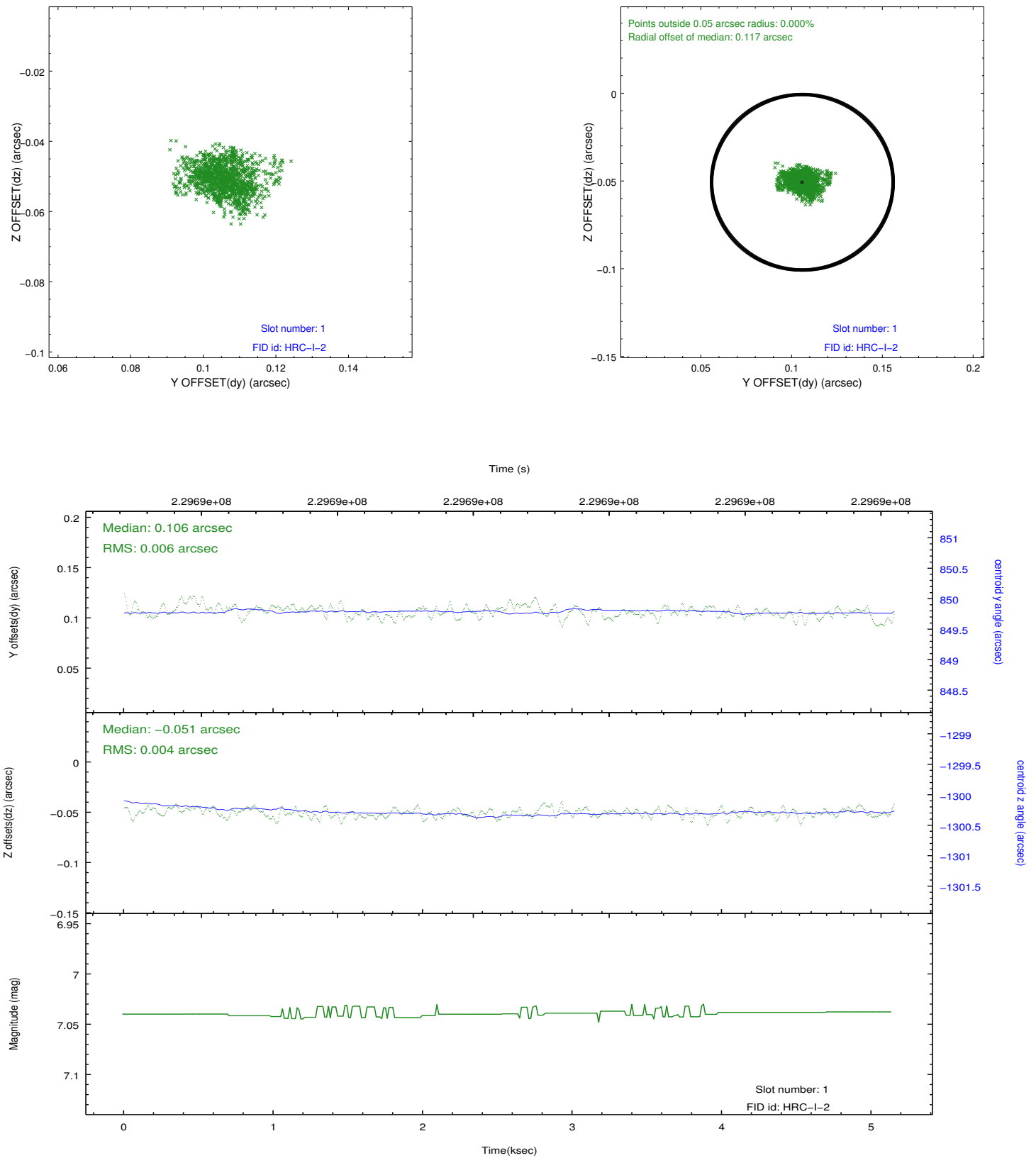


2.5 FID Slots

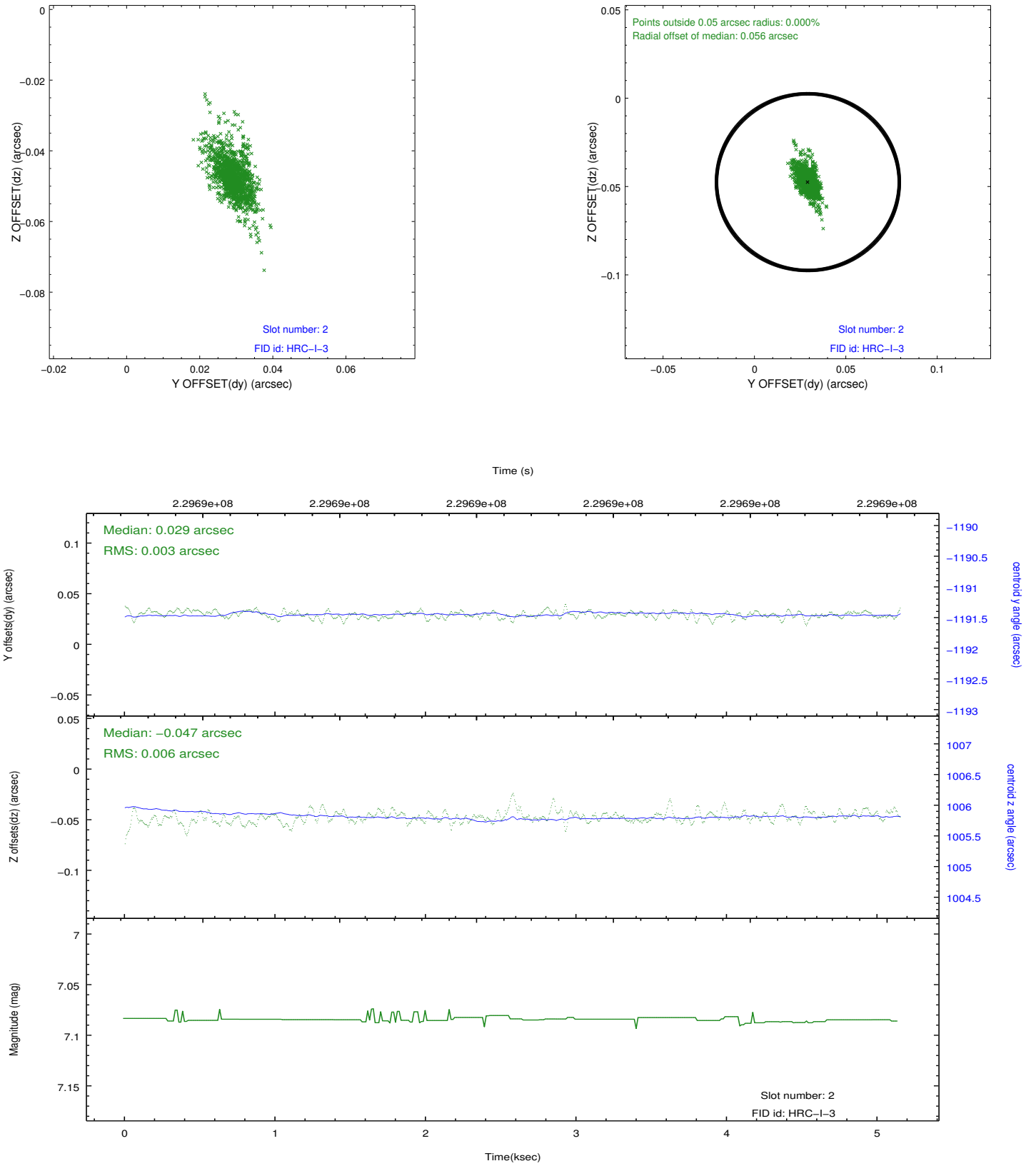
2.5.1 Slot 0



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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.150881

A.2 Comments

Window constraint satisfied.