

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1975 - L2 Version 4
Chandra X-Ray Center

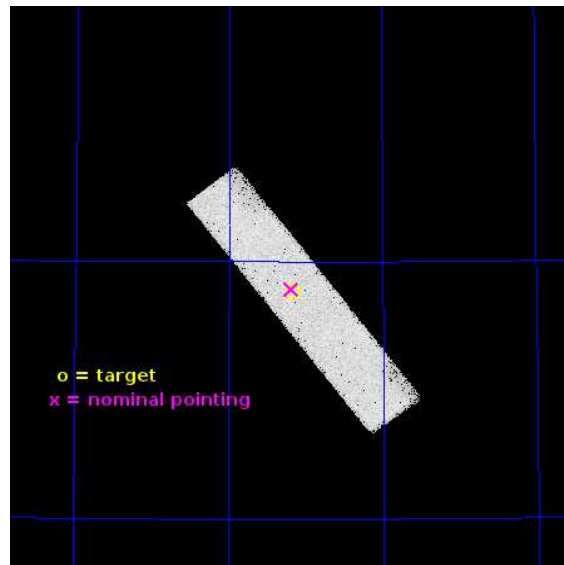
L2 Processing Date : Jun 28 2013

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1 Front

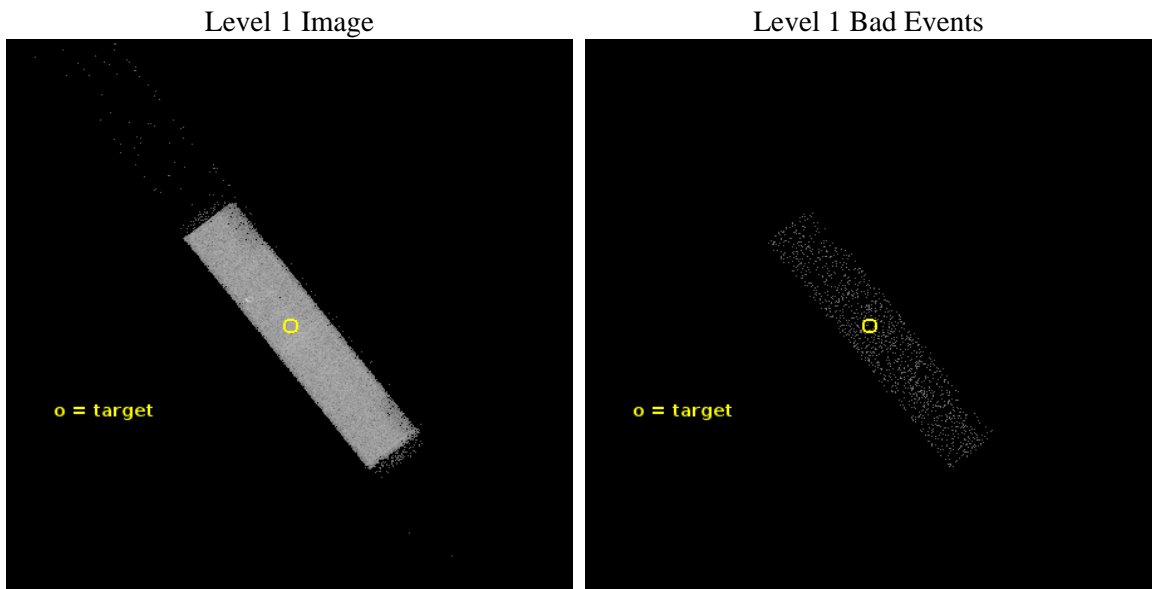
seq_num	500152	Sequence number
obs_id	1975	Observation id
title	SEARCH FOR THE BRIGHTEST ISOLATED NEUTRON STARS	Proposal title
observer	Prof. Robert Rutledge	Principal investigator
object	1RXSJ1153+5456	Source name
ra_targ	178.290417	Observer's specified target RA [deg]
dec_targ	54.943333	Observer's specified target Dec [deg]
ra_nom	178.29696647904	Nominal RA [deg]
dec_nom	54.946283040561	Nominal Dec [deg]
roll_nom	52.289564278747	Nominal Roll [deg]
revision	4	Processing version of data
ontime	845.88128383458	[s]
livetime	840.539037949	Ontime multiplied by DTCOR
l2events	60581	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	10	Processing system revision	ontime	845.88128383458	[s]
caldsver	4.5.7	 	l1events	96854	Number of level 1 events
date	2013-06-28T23:18:05	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

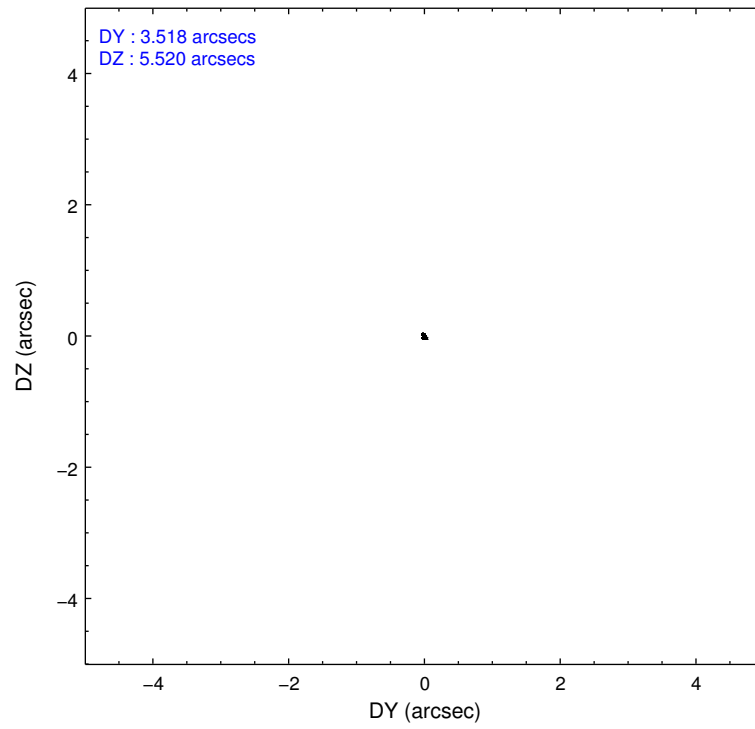
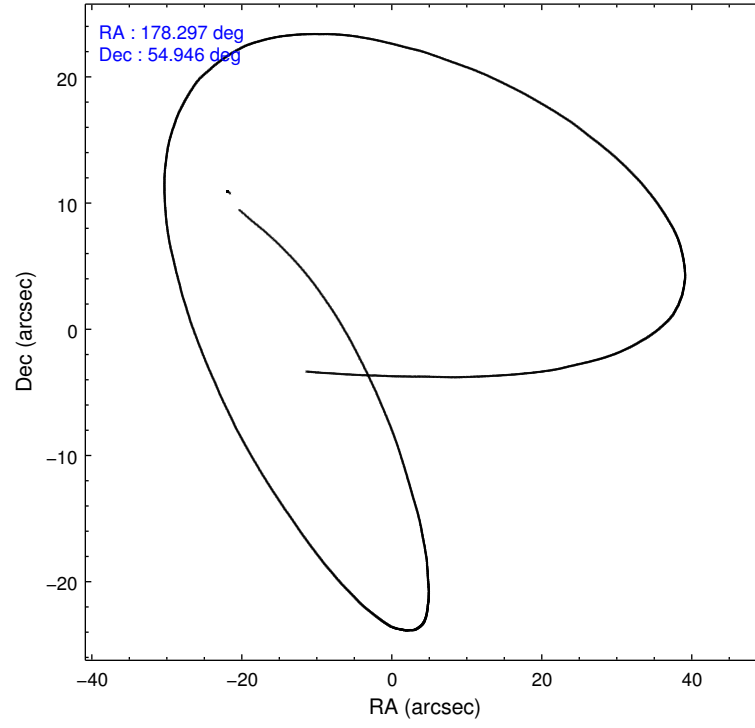
	segment 1	segment 2	segment 3
level 1 events	395	96376	83
rejected events	268	18405	64
rejected %	67%	19%	77%

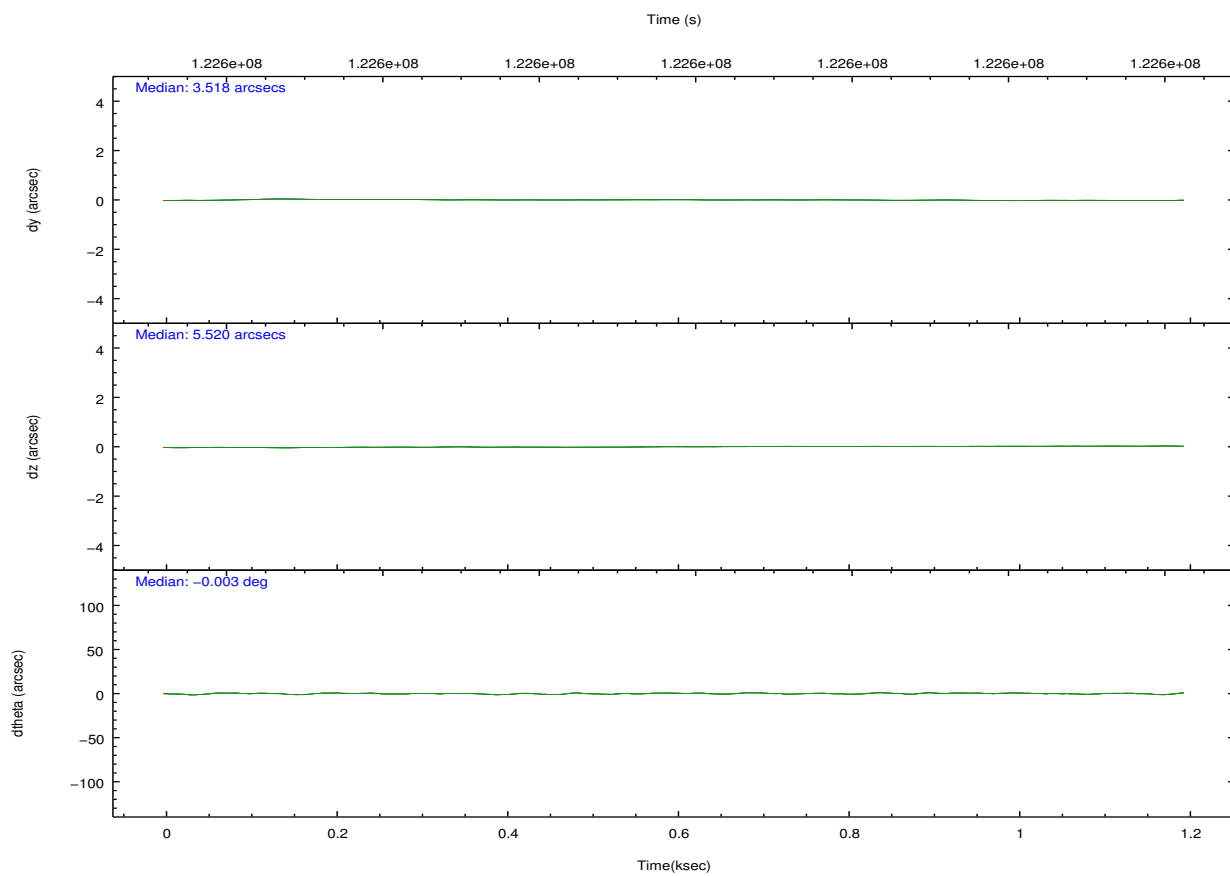
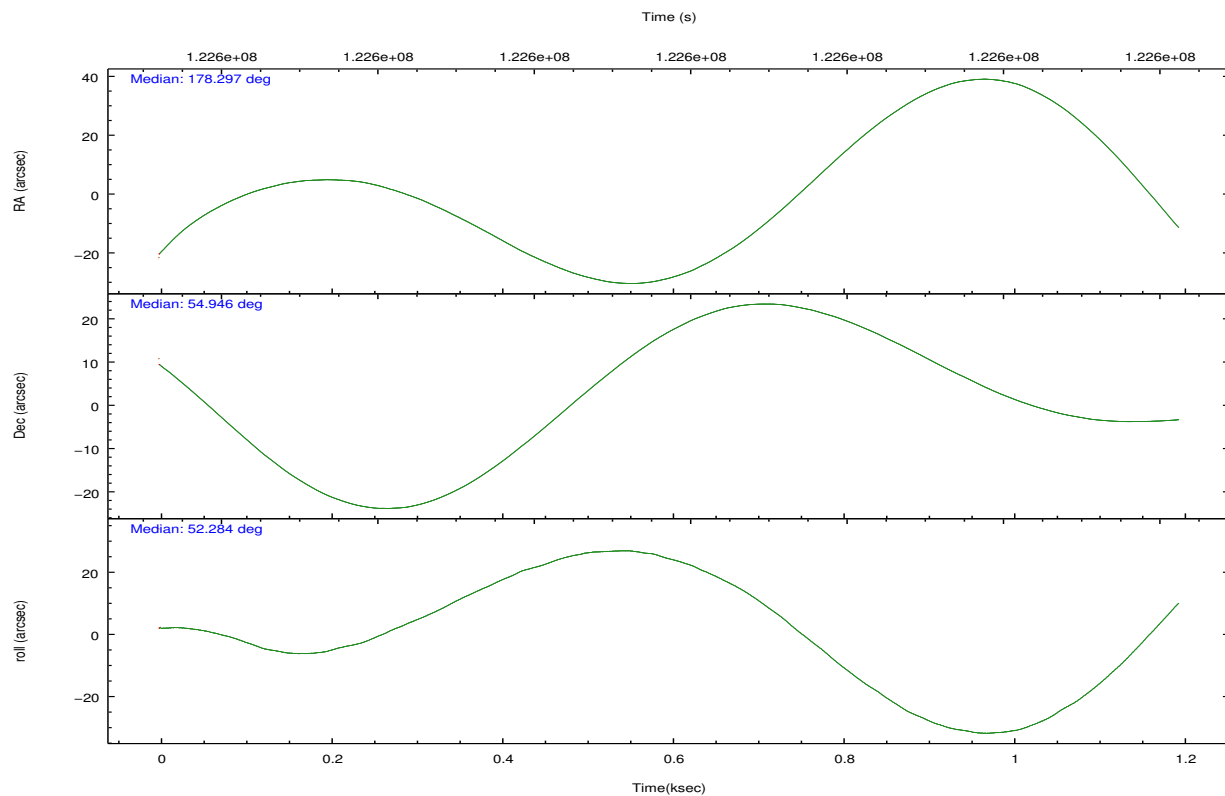
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	178.291361	178.2969664790402
[deg] Pointing Dec	54.918460	54.94628304056059
[deg] Pointing Roll	52.226914	52.28956427874662
[mm] SIM focus pos	-1.529586	-1.523540733526241
[mm] SIM defocus	0.003750771043328743	0.009795905878055677
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	122598369.184000	122597673.92885
Observation start date	2001-11-19T23:05:05	2001-11-19T22:54:33
[s] Observation end time (MET)	122599369.184000	122600244.62896
Observation end date	2001-11-19T23:21:45	2001-11-19T23:37:24

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



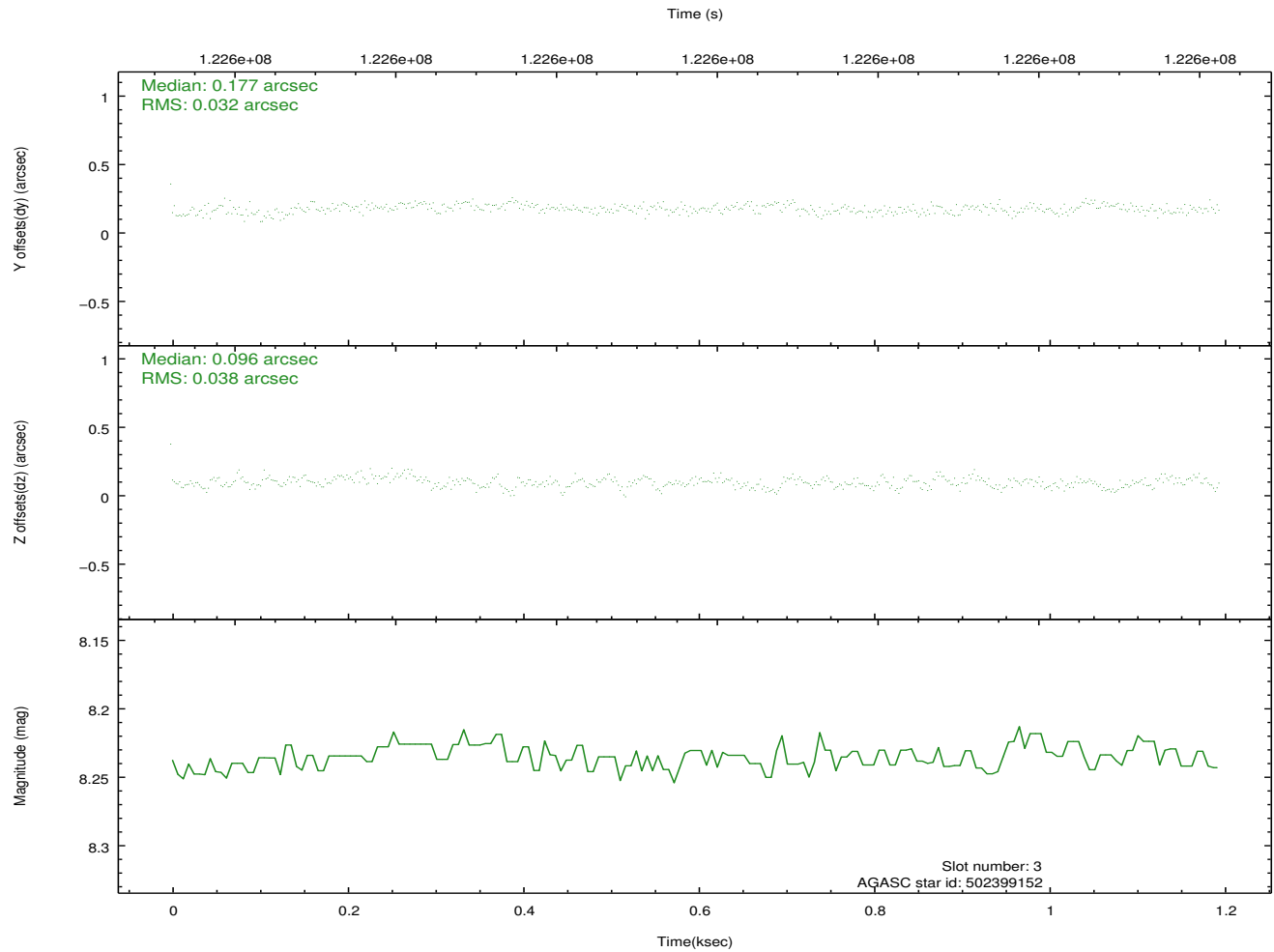
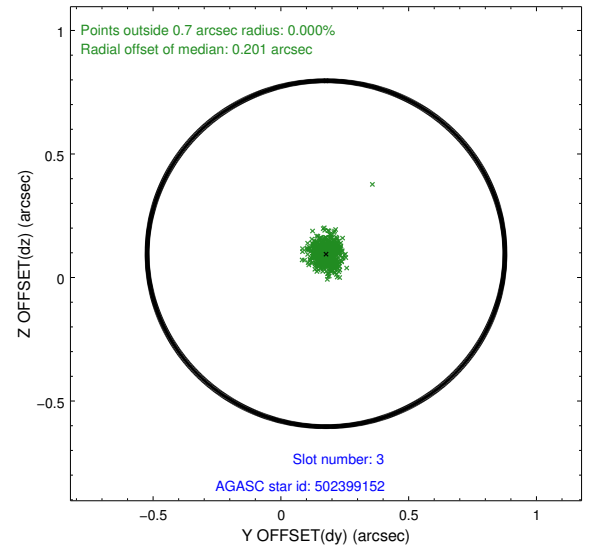
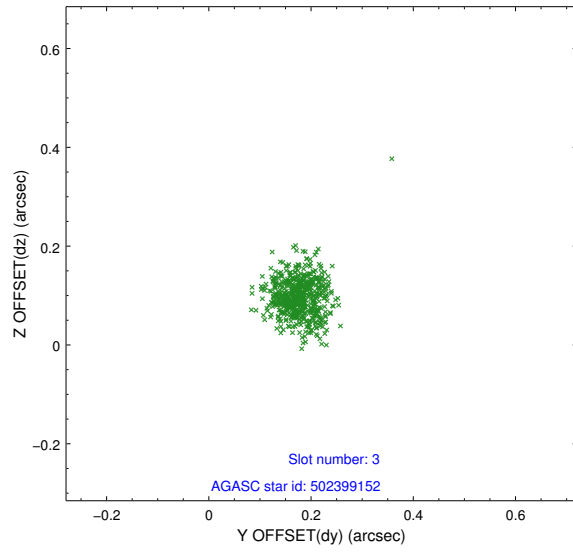


Slot Statistics

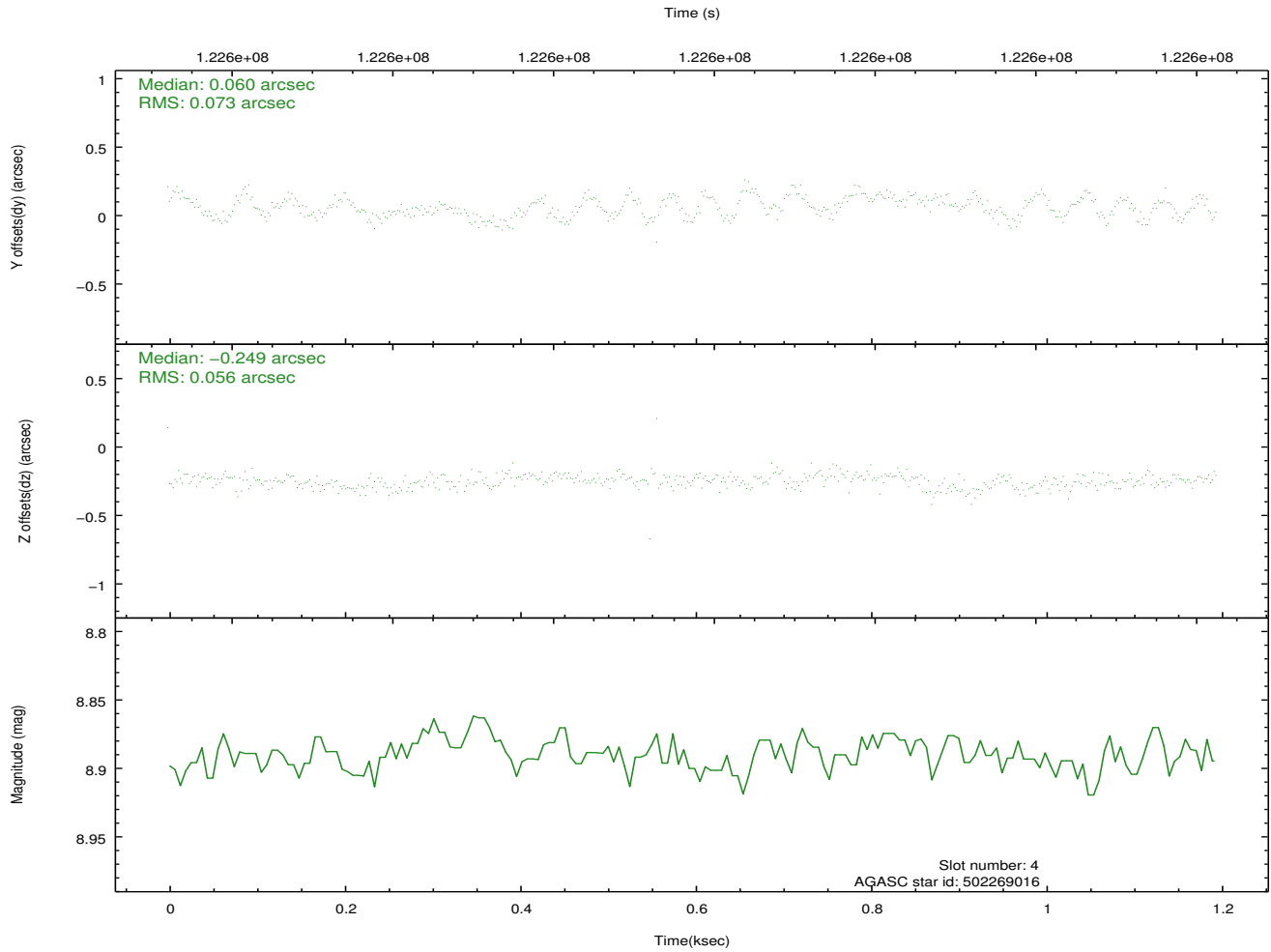
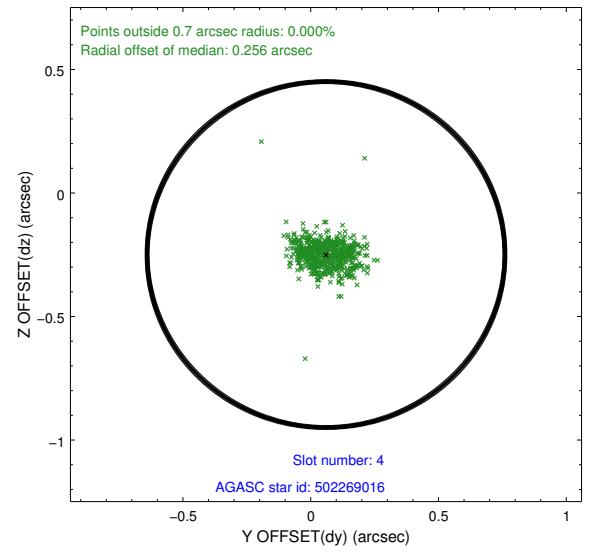
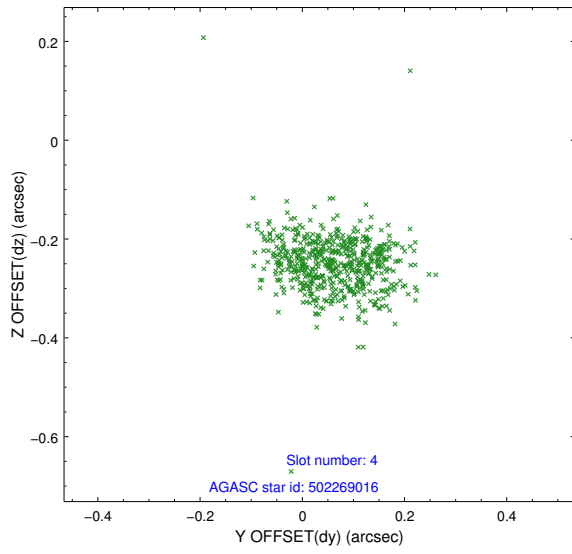
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	292	0.160	-0.156	0.007	0.010	0.000000	0.000000	-1157.55	-454.03
1	FID	HRC-S-2	6.97	292	0.087	-0.095	0.005	0.011	0.000000	0.000000	1238.07	-448.20
2	FID	HRC-S-3	7.01	292	0.144	-0.051	0.006	0.011	0.000000	0.000000	-1156.03	574.06
3	GUIDE	502399152	8.23	584	0.177	0.096	0.051	0.081	177.865329	54.295287	-2318.39	-661.11
4	GUIDE	502269016	8.89	583	0.060	-0.249	0.093	0.148	177.130457	54.972659	-1302.72	2030.24
5	GUIDE	502400568	8.68	584	0.007	0.107	0.070	0.113	178.868651	54.779372	340.99	-1243.35
6	GUIDE	502402368	8.82	584	-0.110	0.056	0.089	0.137	178.664341	54.233878	-1464.22	-2126.88
7	GUIDE	502793208	9.15	583	-0.127	-0.005	0.081	0.130	177.980338	55.276529	627.38	1295.08

2.4 Star Slots

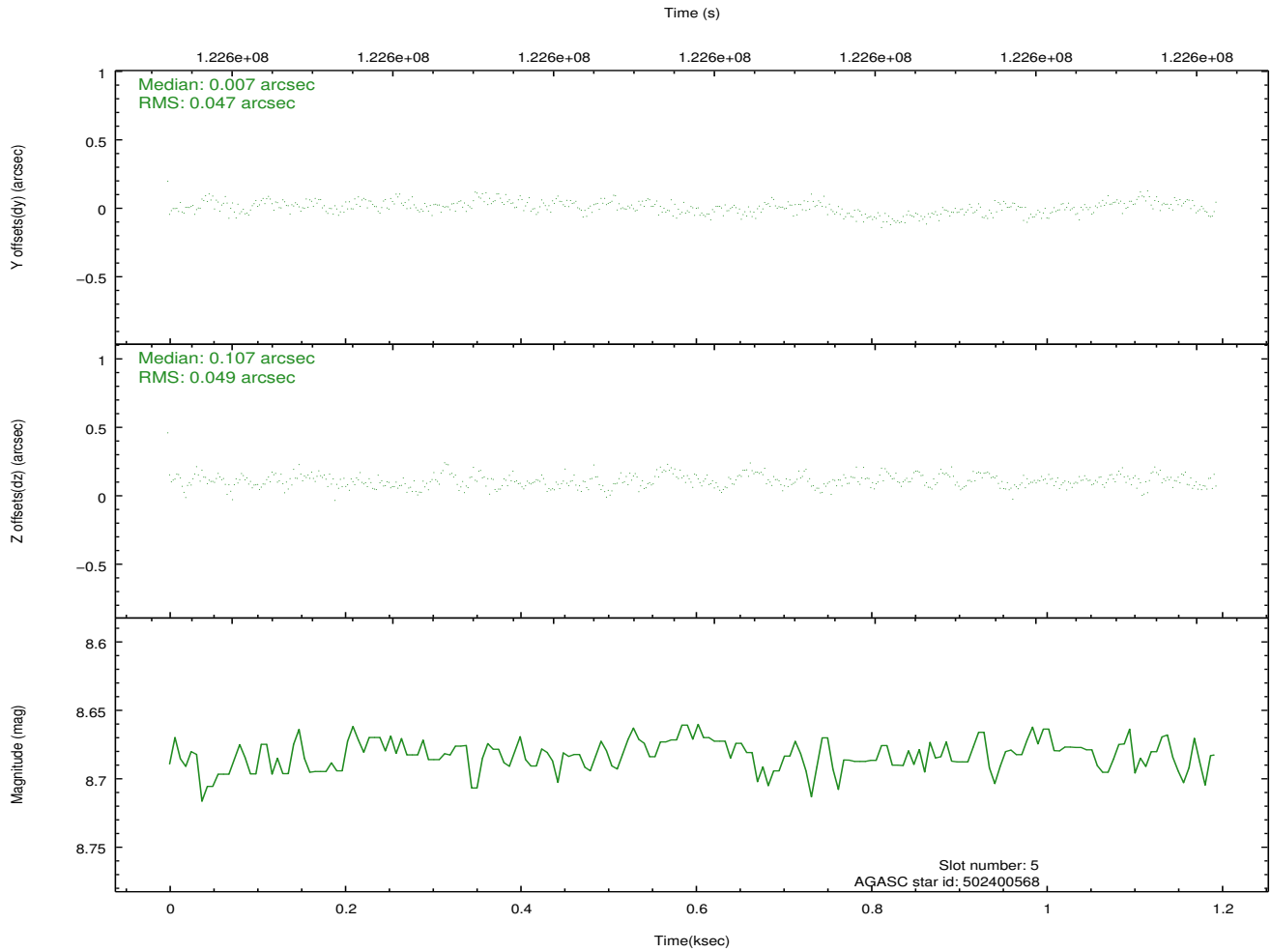
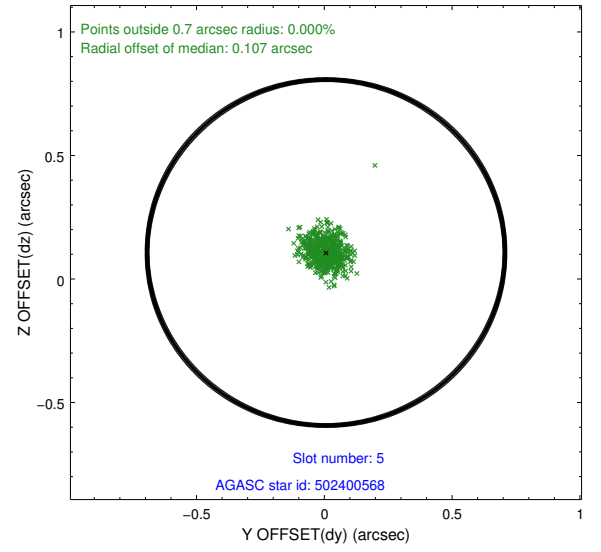
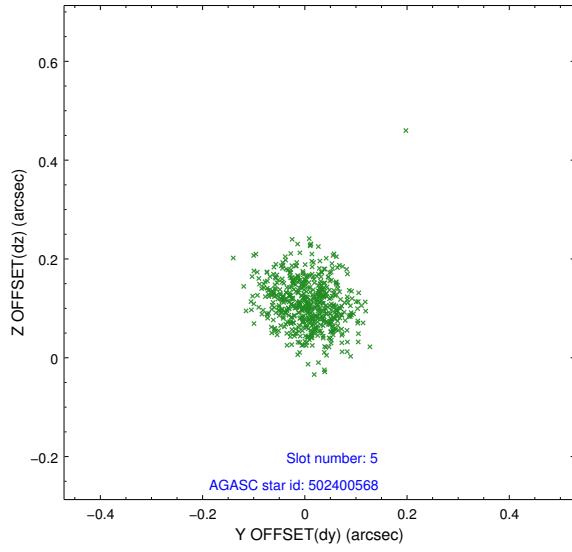
2.4.1 Slot 3



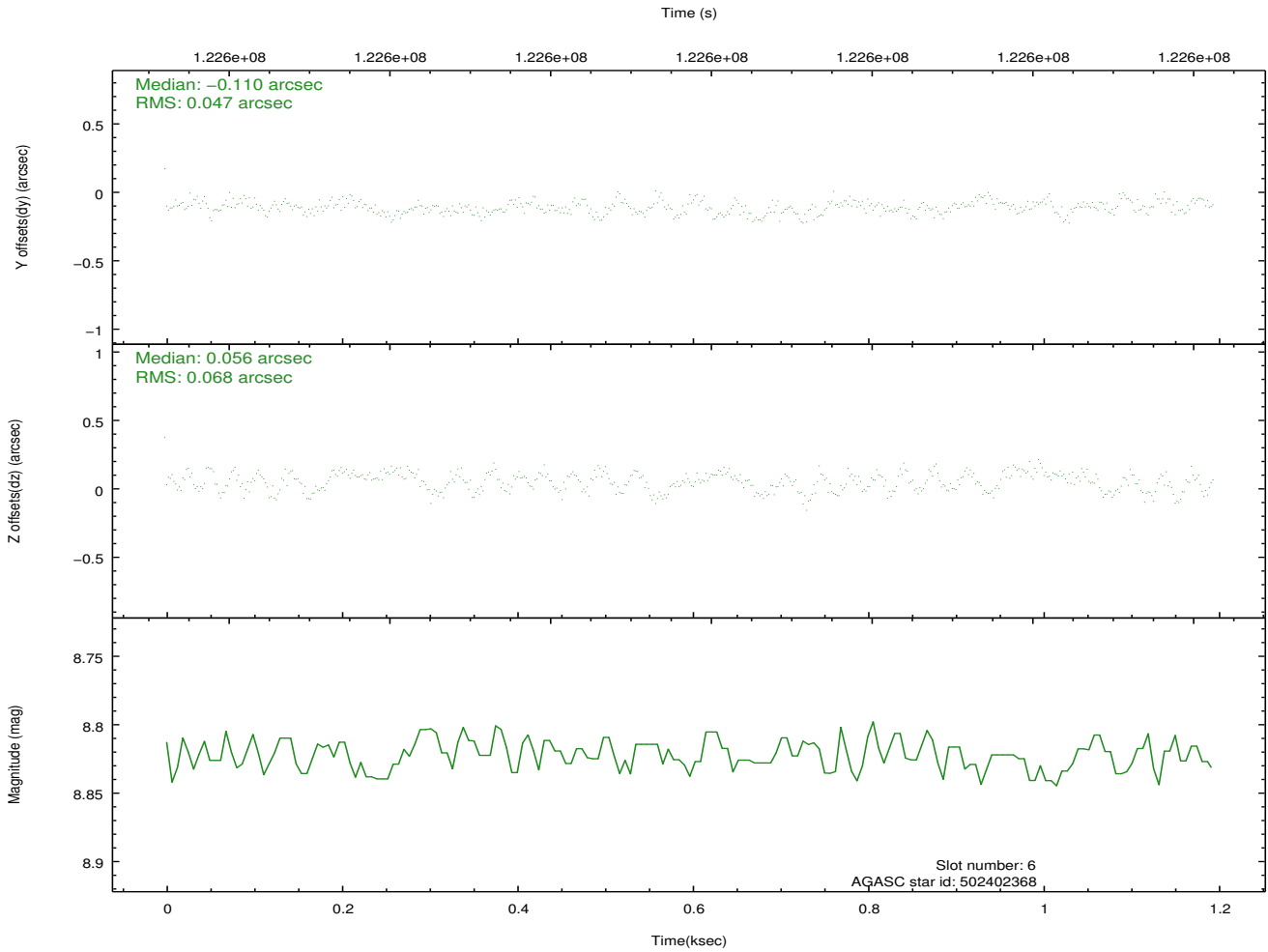
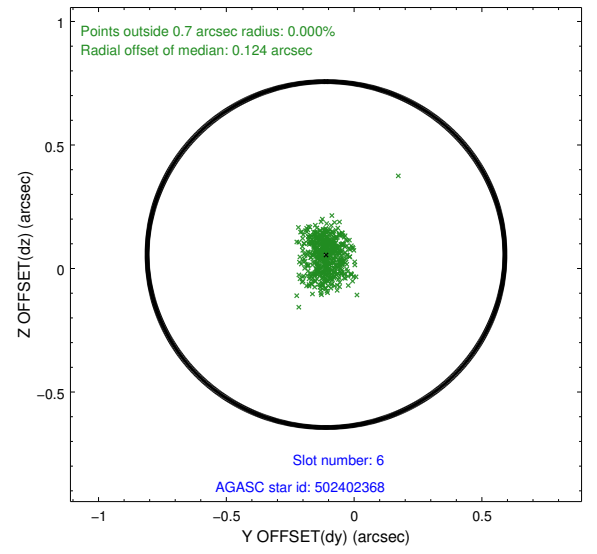
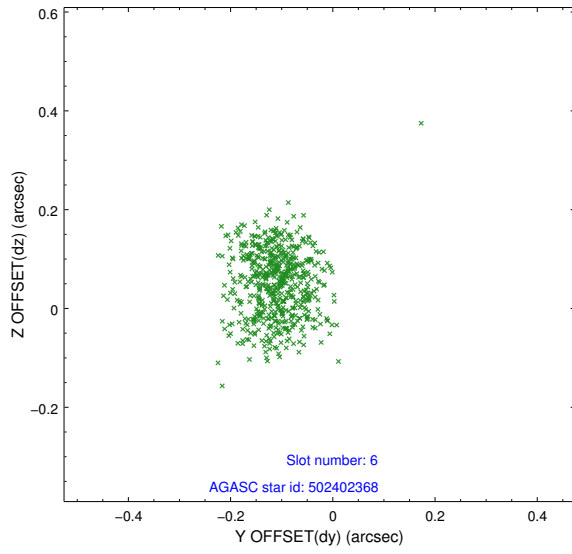
2.4.2 Slot 4



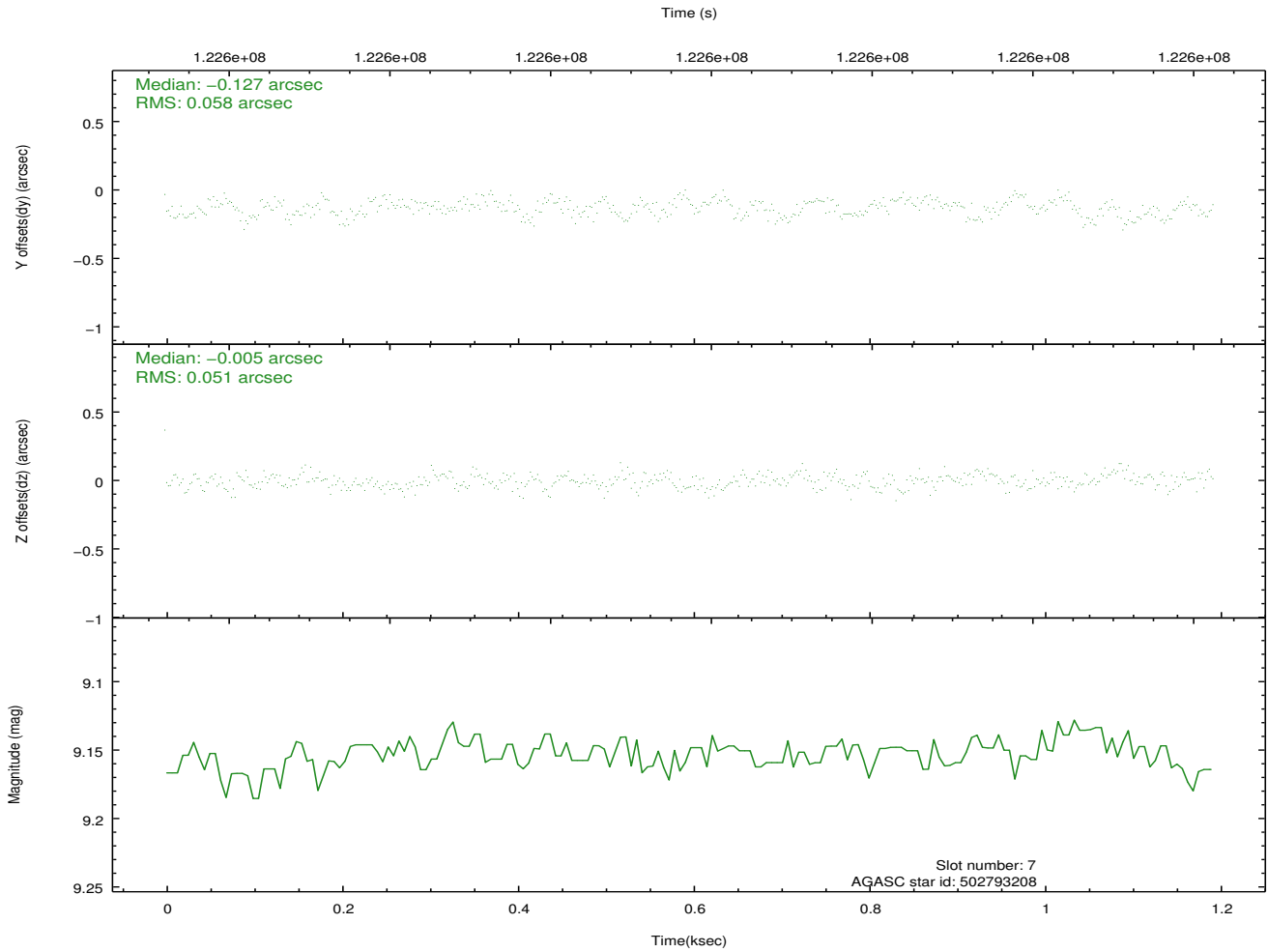
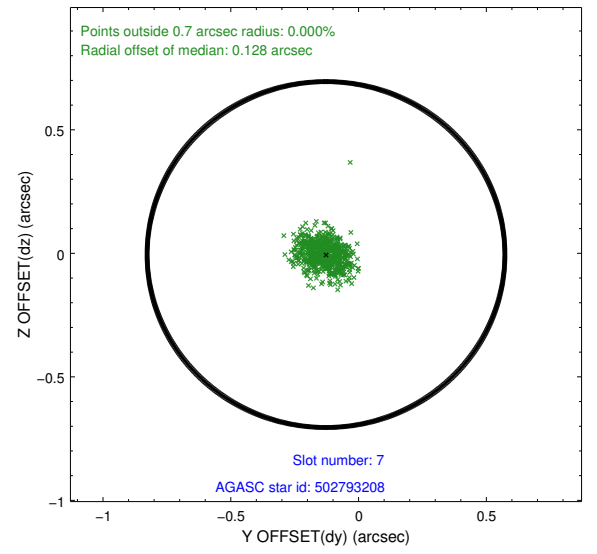
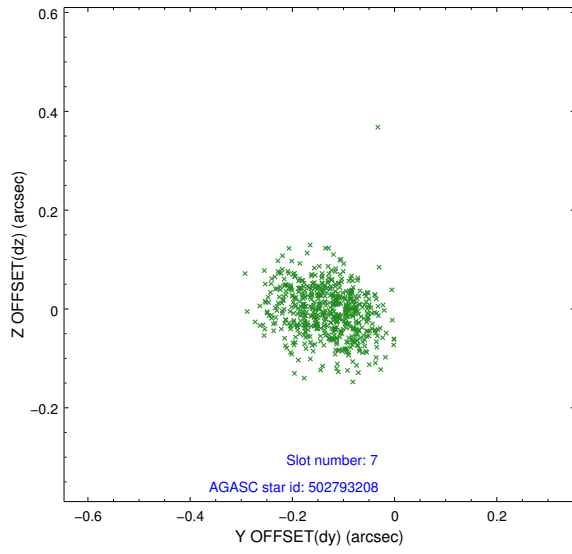
2.4.3 Slot 5



2.4.4 Slot 6

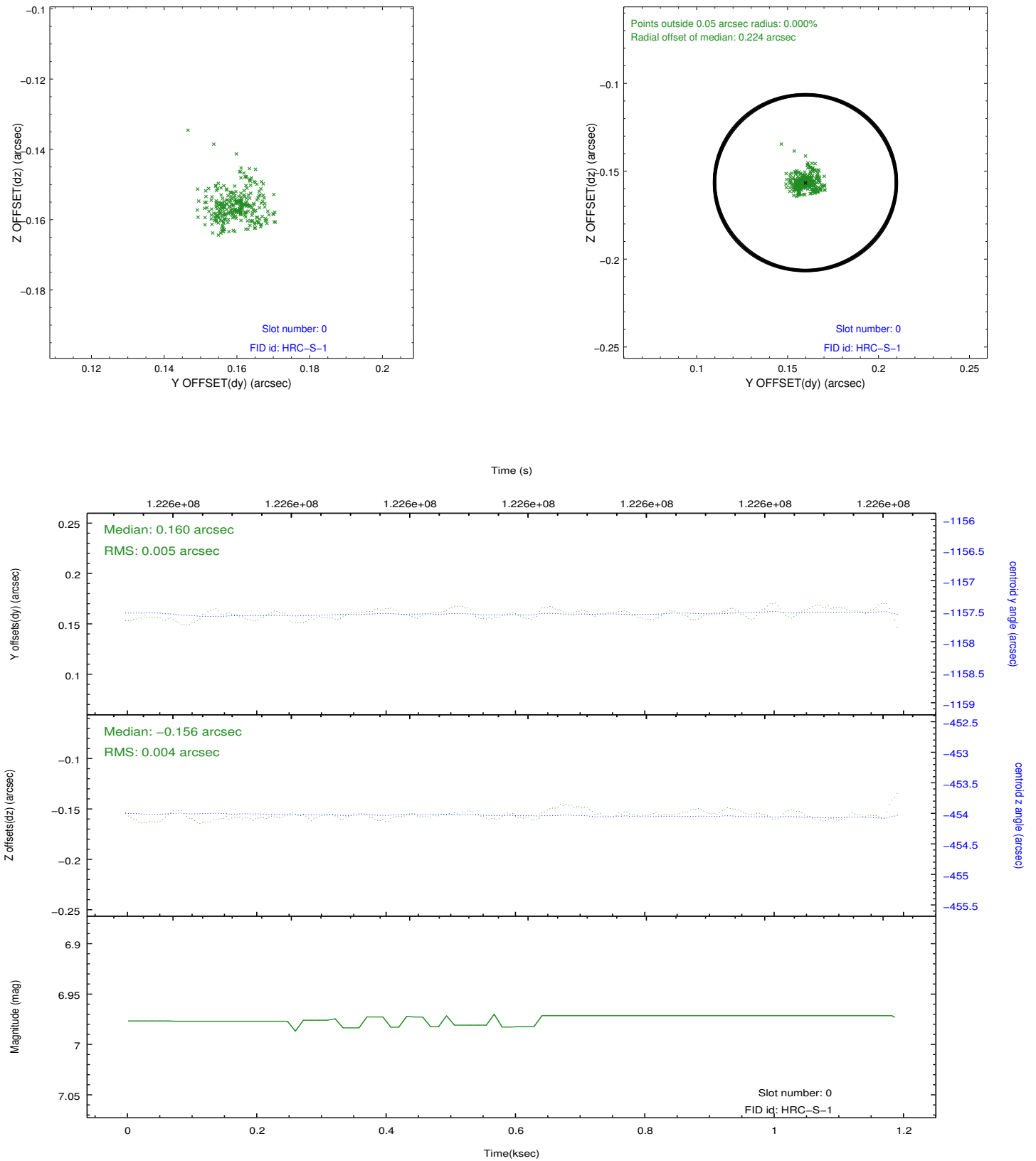


2.4.5 Slot 7

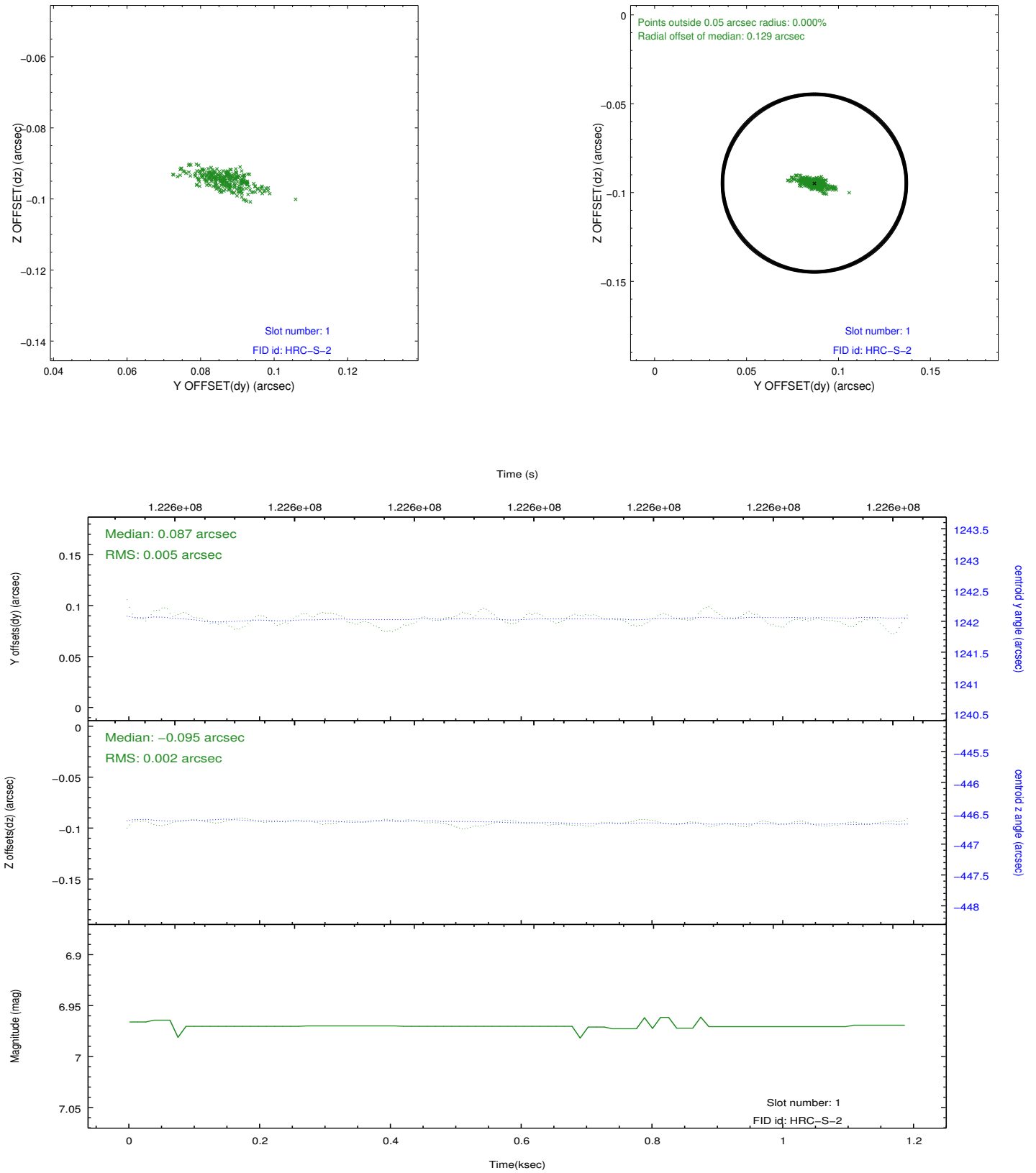


2.5 FID Slots

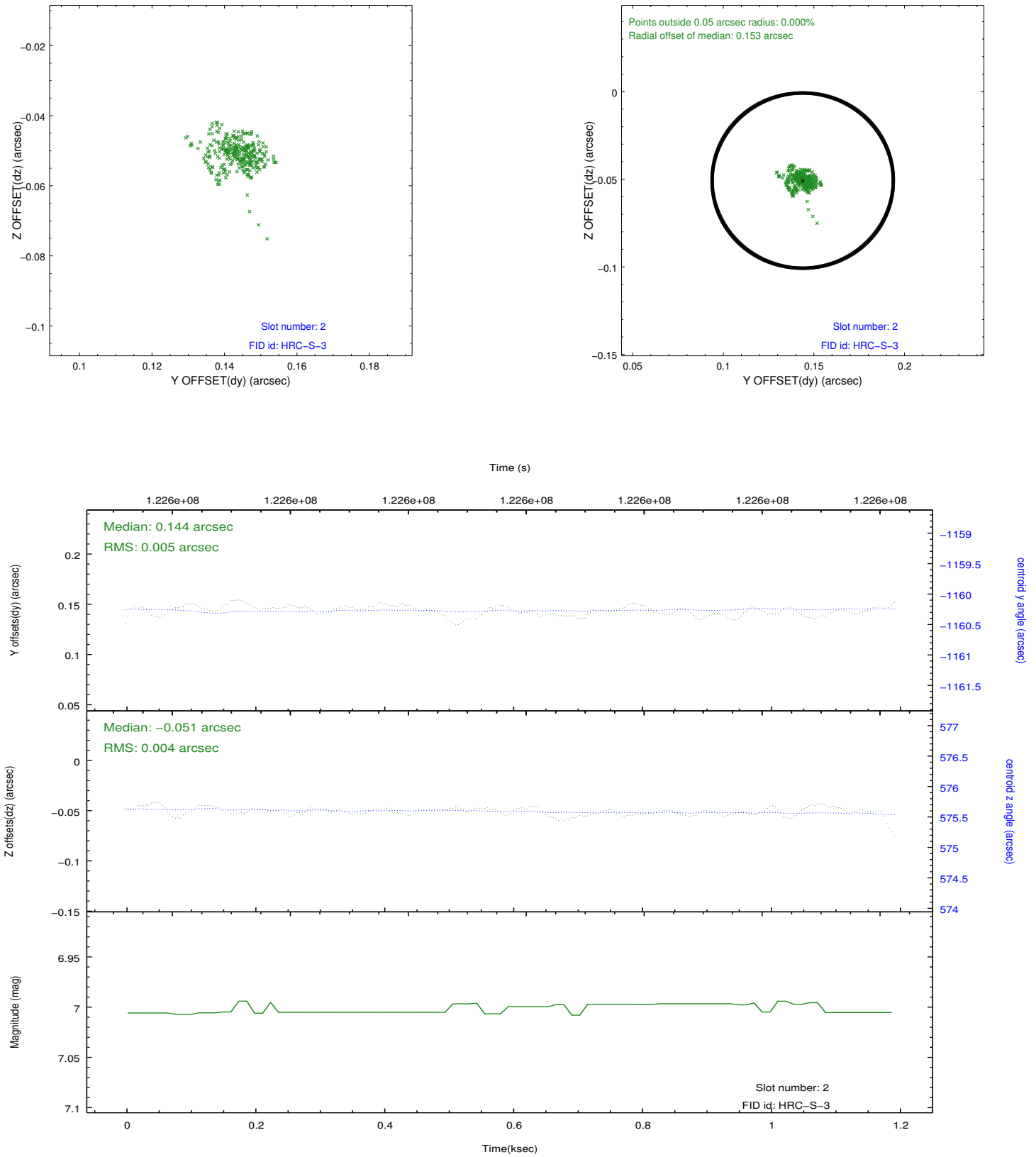
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2013.07.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.845

A.2 Comments

Charge time for this observation remains at previous value of 0.845 ks.