

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2443 - L2 Version 5
Chandra X-Ray Center

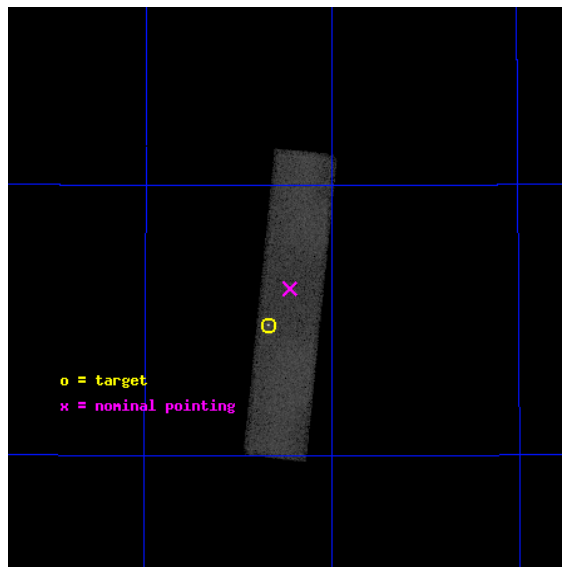
L2 Processing Date : Sep 18 2012

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1 Front

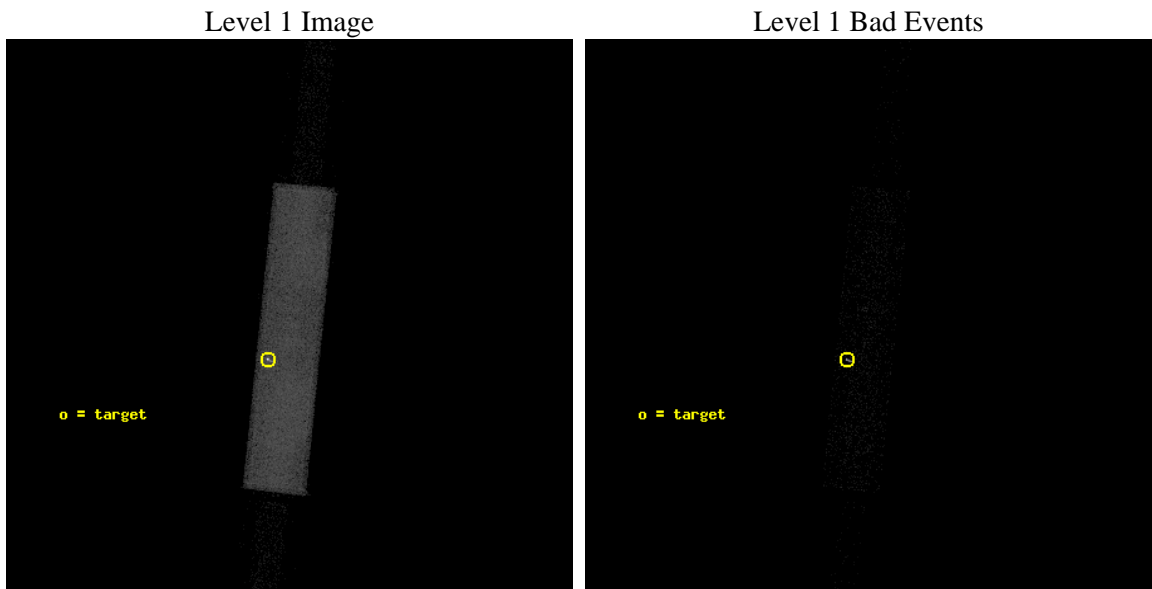
seq_num	290078	Sequence number
obs_id	2443	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.11216142103	Nominal RA [deg]
dec_nom	45.809045320871	Nominal Dec [deg]
roll_nom	95.813851438158	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1375.8063034564	[s]
livetime	1363.3310957628	Ontime multiplied by DTCOR
l2events	87162	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	1234.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1375.8063034564	[s]
caldbver	4.5.1.1	 	l1events	121991	Number of level 1 events
date	2012-09-18T22:54:52	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

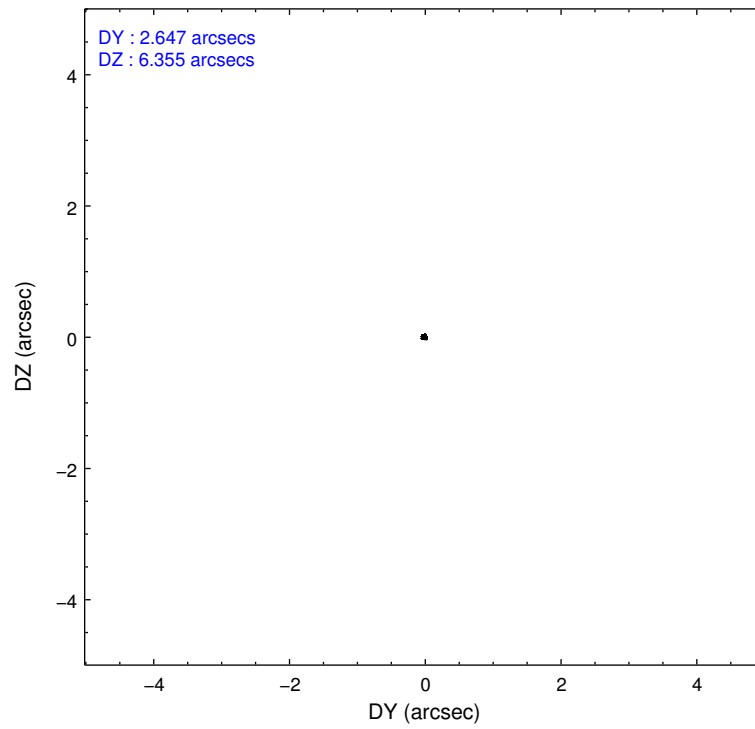
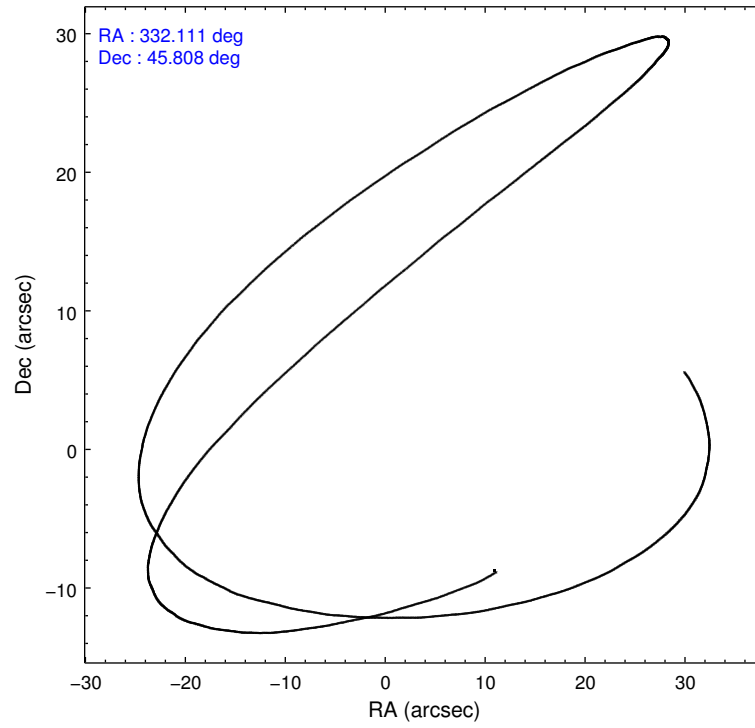
Level 1 Events

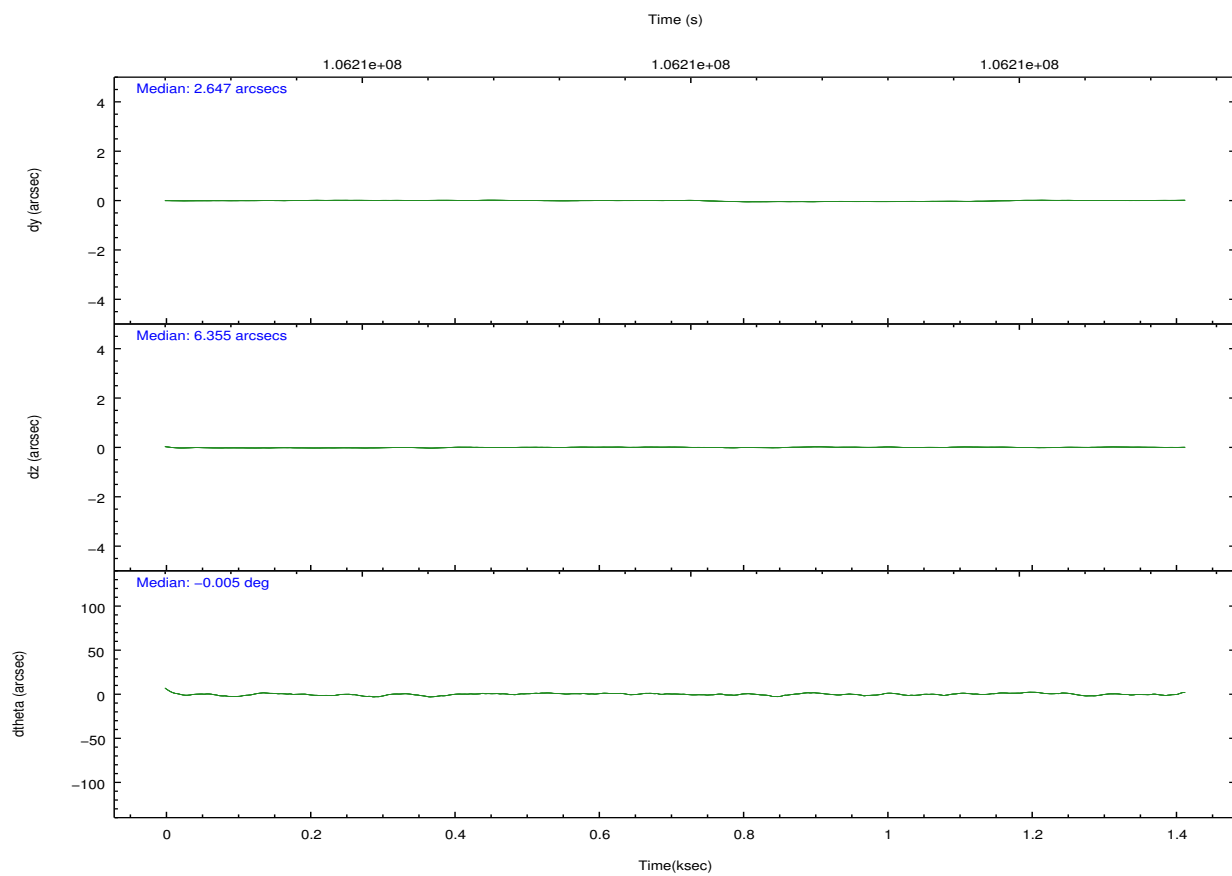
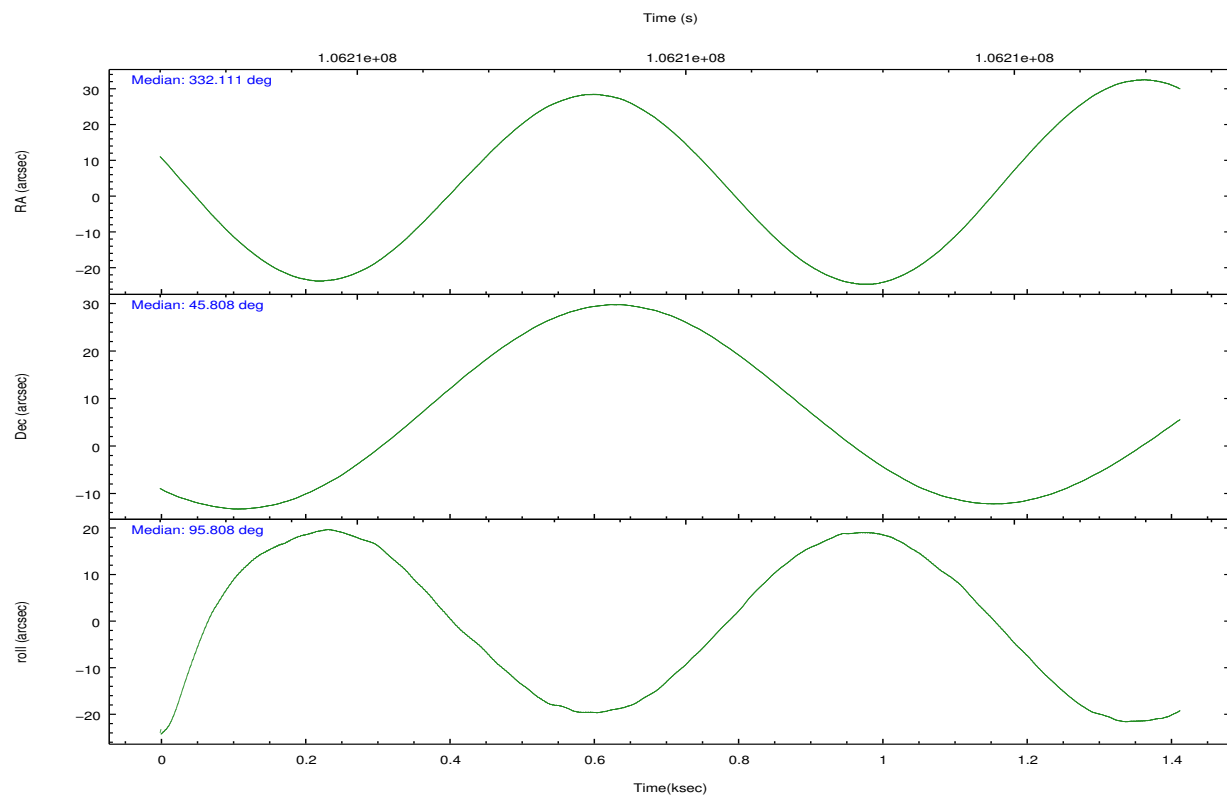
	segment 1	segment 2	segment 3
level 1 events	1782	118551	1658
rejected events	1782	19054	1658
rejected %	100%	16%	100%

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	332.138044	332.1121614210264			
[deg] Pointing Dec	45.787640	45.80904532087102			
[deg] Pointing Roll	95.728055	95.81385143815828			
[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)	106207451.184000	106207075.09593			
Observation start date	2001-05-14T06:03:07	2001-05-14T05:57:55			
[s] Observation end time (MET)	106208685.184000	106208818.621			
Observation end date	2001-05-14T06:23:41	2001-05-14T06:26:58			

2.3 Aspect



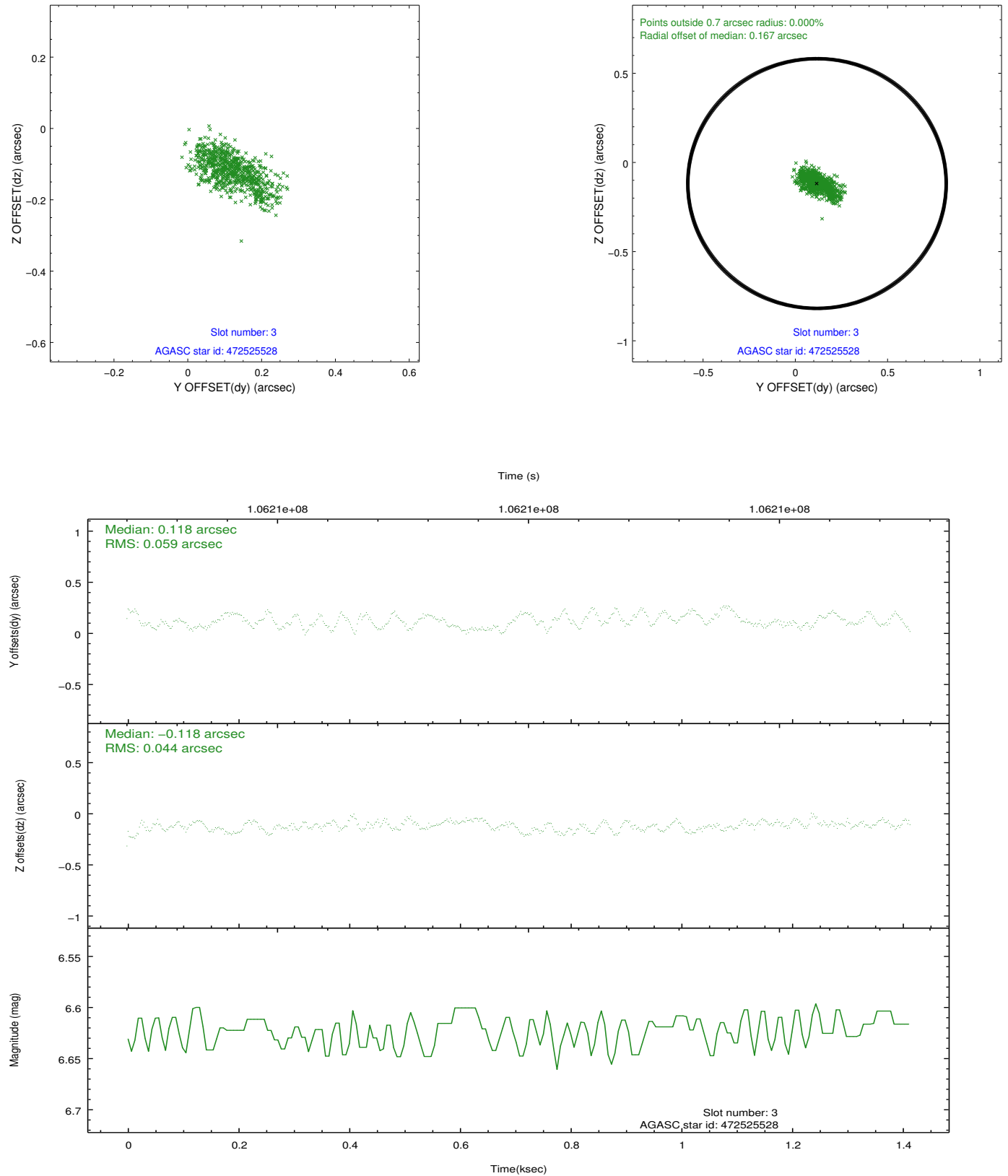


Slot Statistics

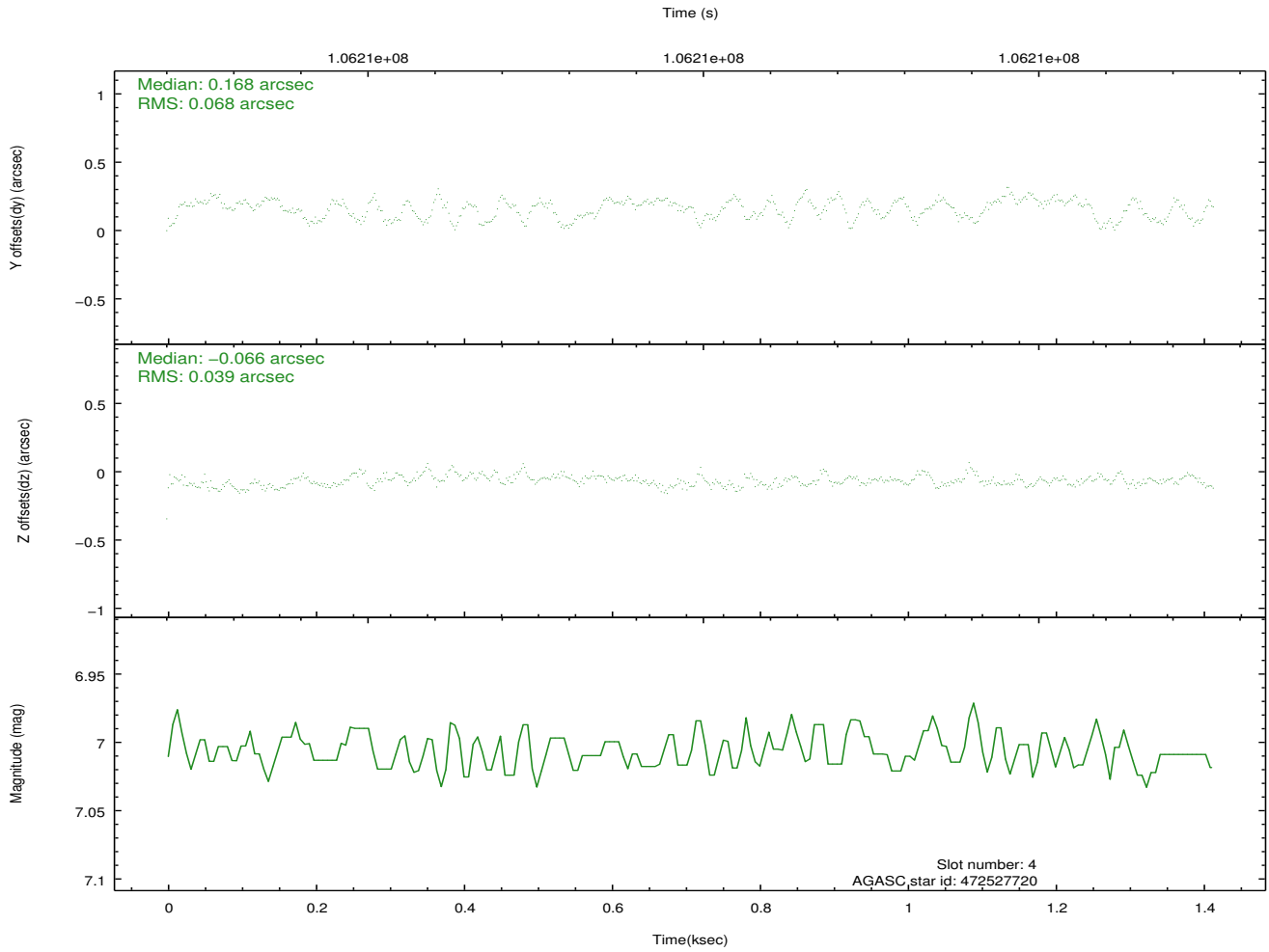
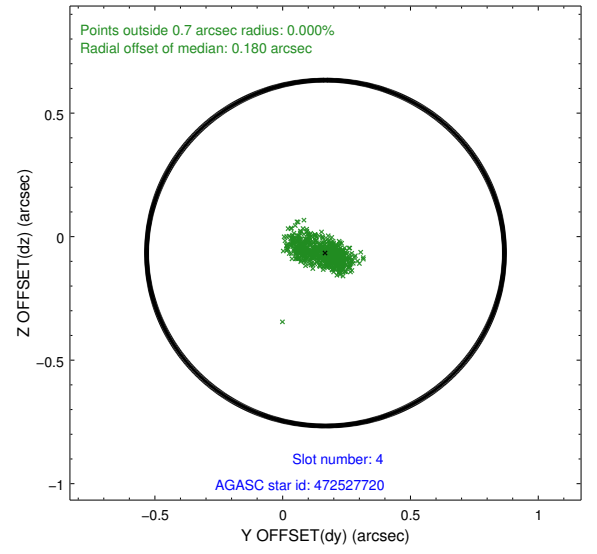
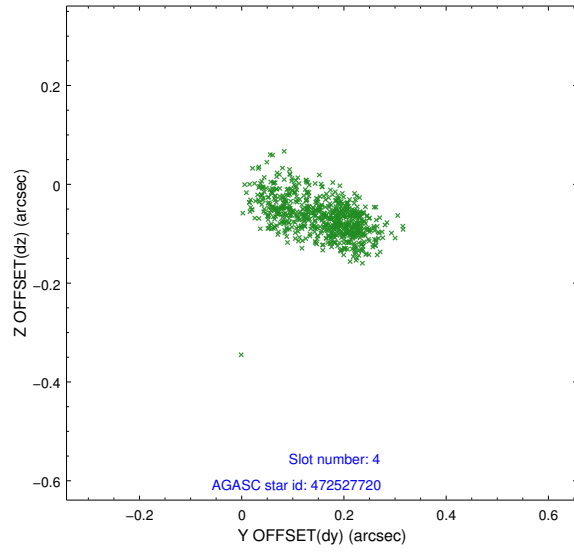
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	345	0.109	-0.112	0.007	0.012	0.000000	0.000000	-1156.68	-454.91
1	FID	HRC-S-3	7.00	345	0.153	-0.094	0.007	0.012	0.000000	0.000000	-1162.74	573.32
2	FID	HRC-S-4	6.93	345	0.127	-0.091	0.005	0.008	0.000000	0.000000	1238.19	578.95
3	GUIDE	472525528	6.62	691	0.118	-0.118	0.077	0.133	331.551102	45.248694	-1773.47	1671.30
4	GUIDE	472527720	7.01	691	0.168	-0.066	0.083	0.139	331.460205	45.112509	-2238.66	1955.84
5	GUIDE	472535576	7.85	691	-0.217	-0.097	0.046	0.075	331.438373	46.291802	1986.89	1551.14
6	GUIDE	472523760	8.24	691	0.056	0.020	0.061	0.106	331.645363	45.403260	-1242.75	1377.25
7	GUIDE	472665256	9.00	690	-0.128	0.272	0.072	0.116	332.808125	46.195041	1301.20	-1807.90

2.4 Star Slots

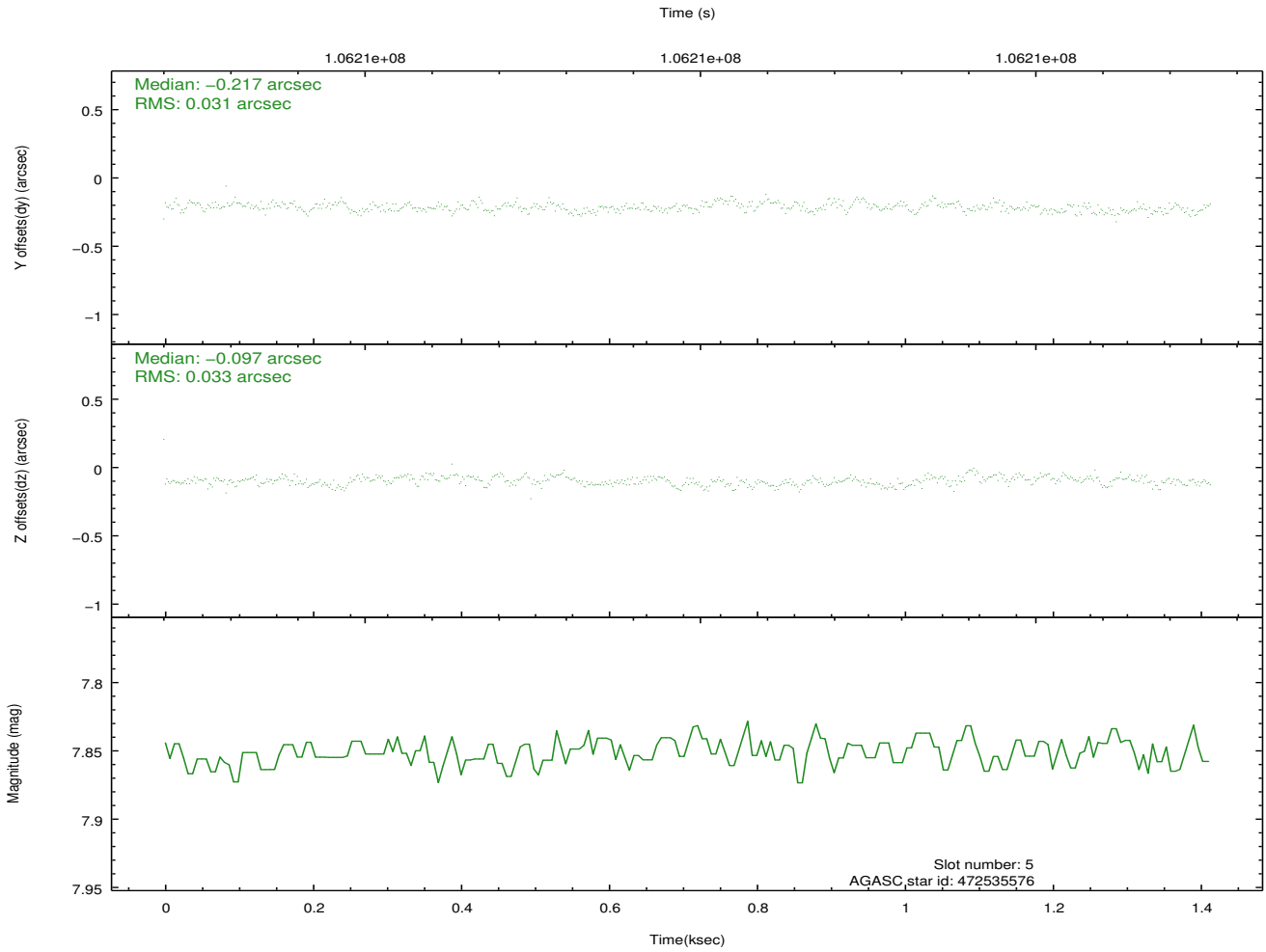
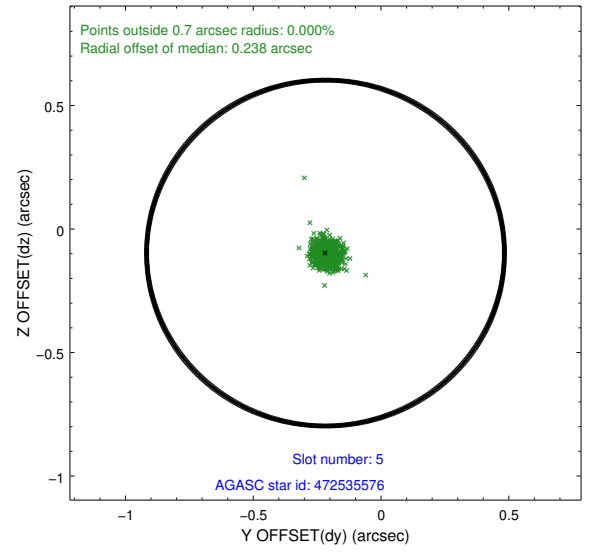
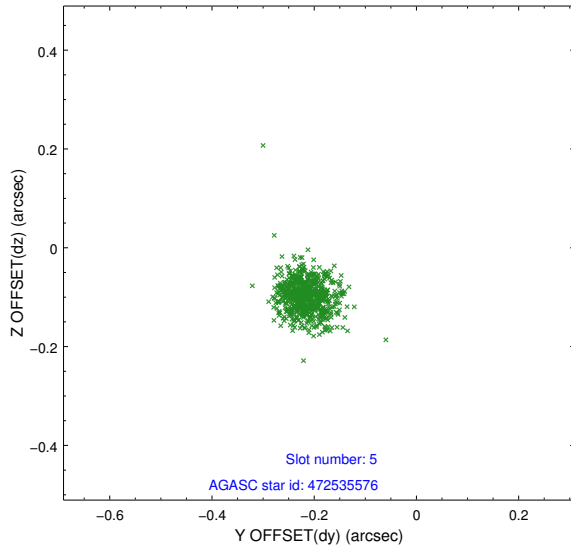
2.4.1 Slot 3



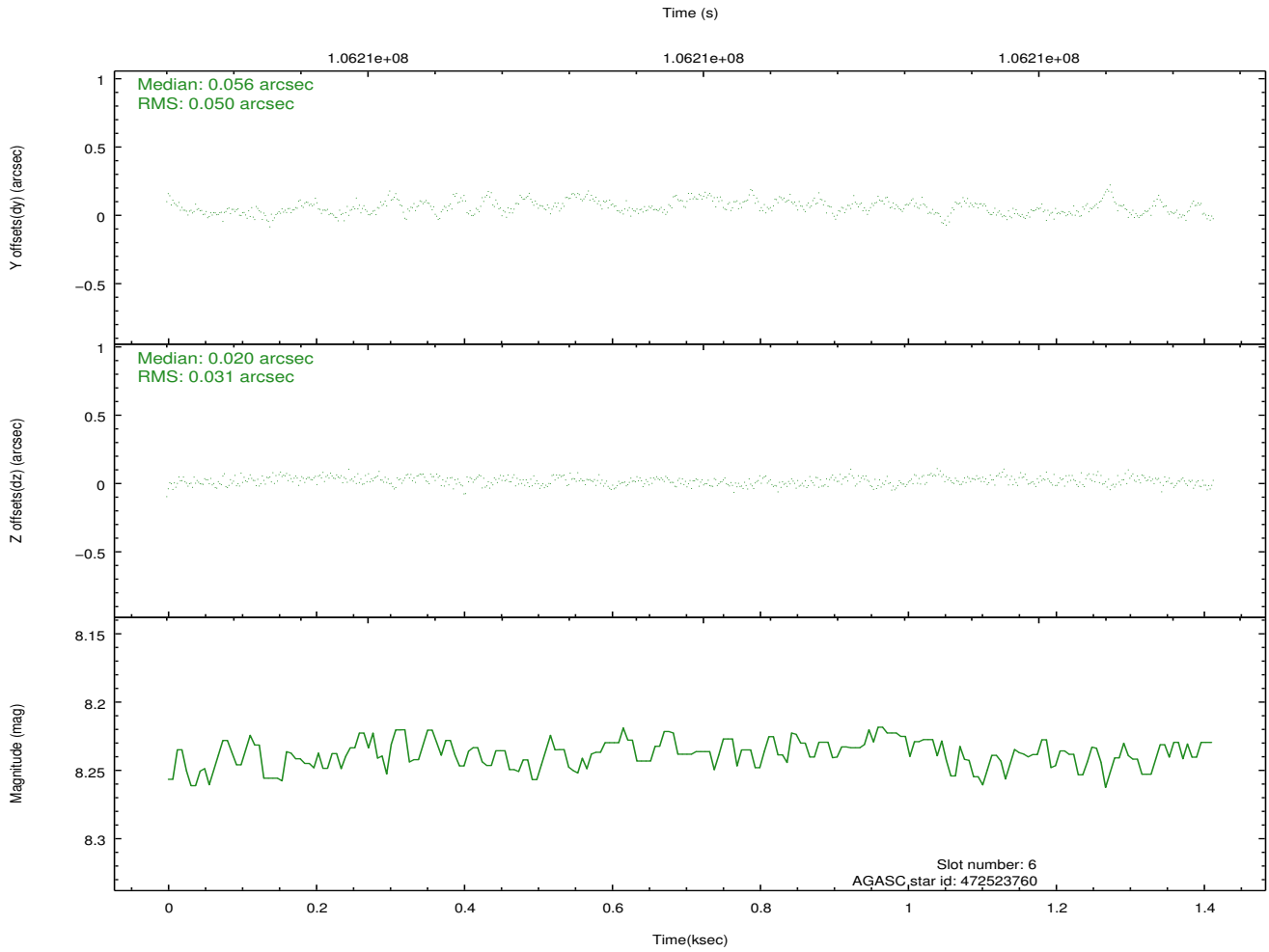
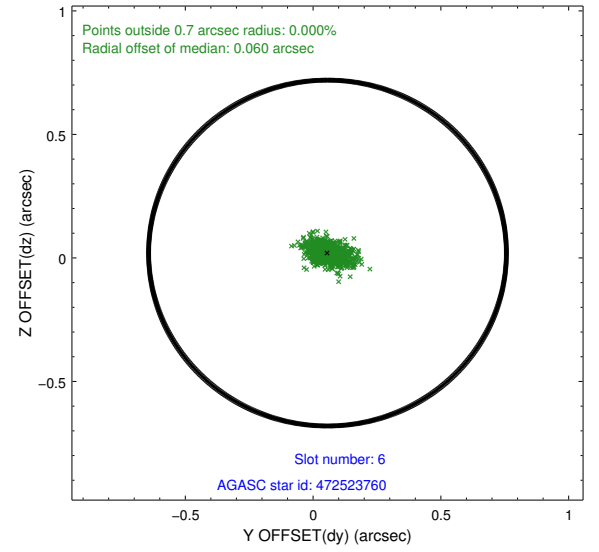
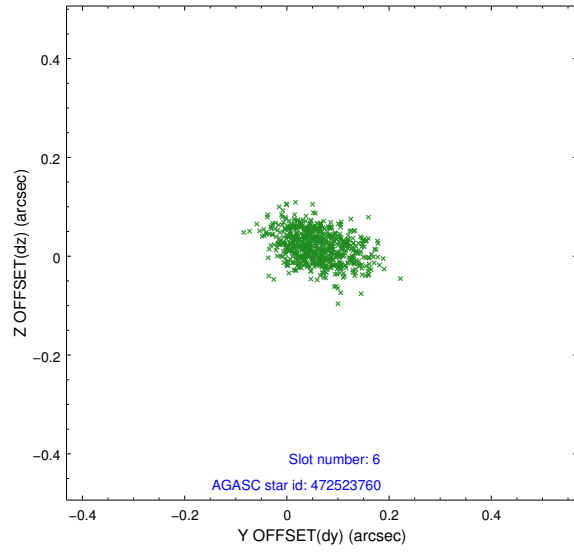
2.4.2 Slot 4



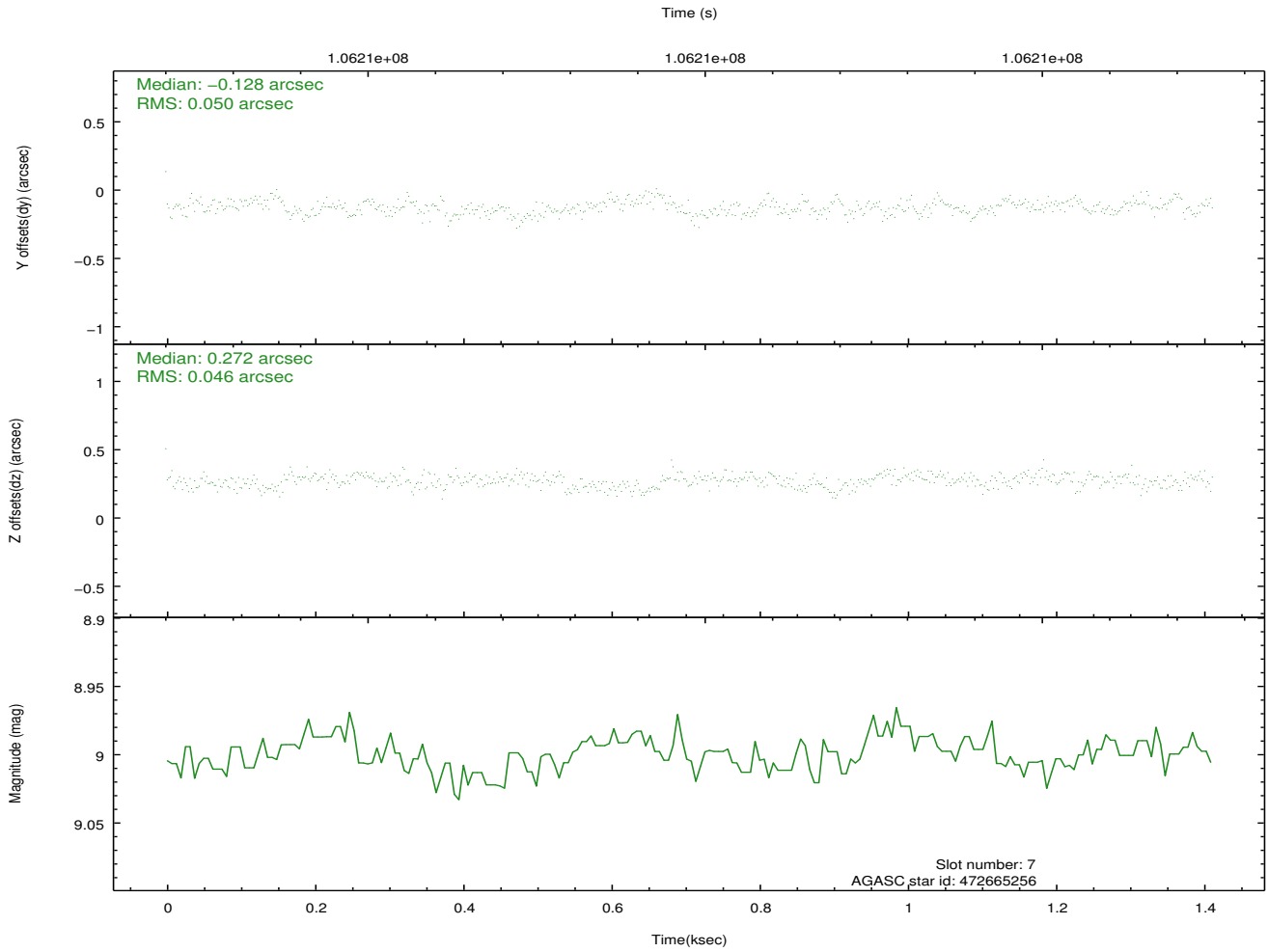
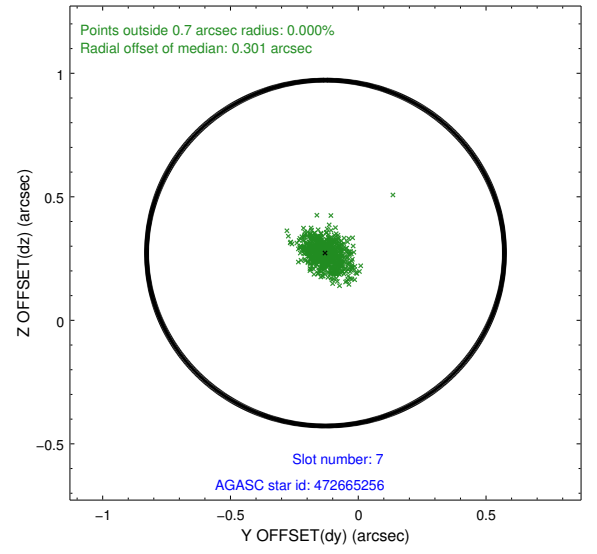
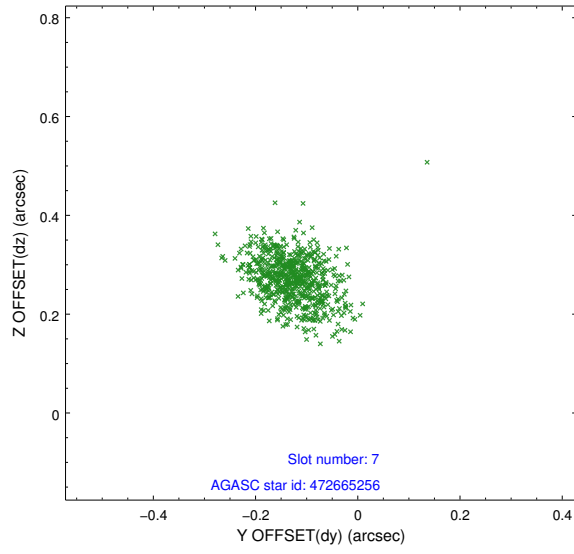
2.4.3 Slot 5



2.4.4 Slot 6

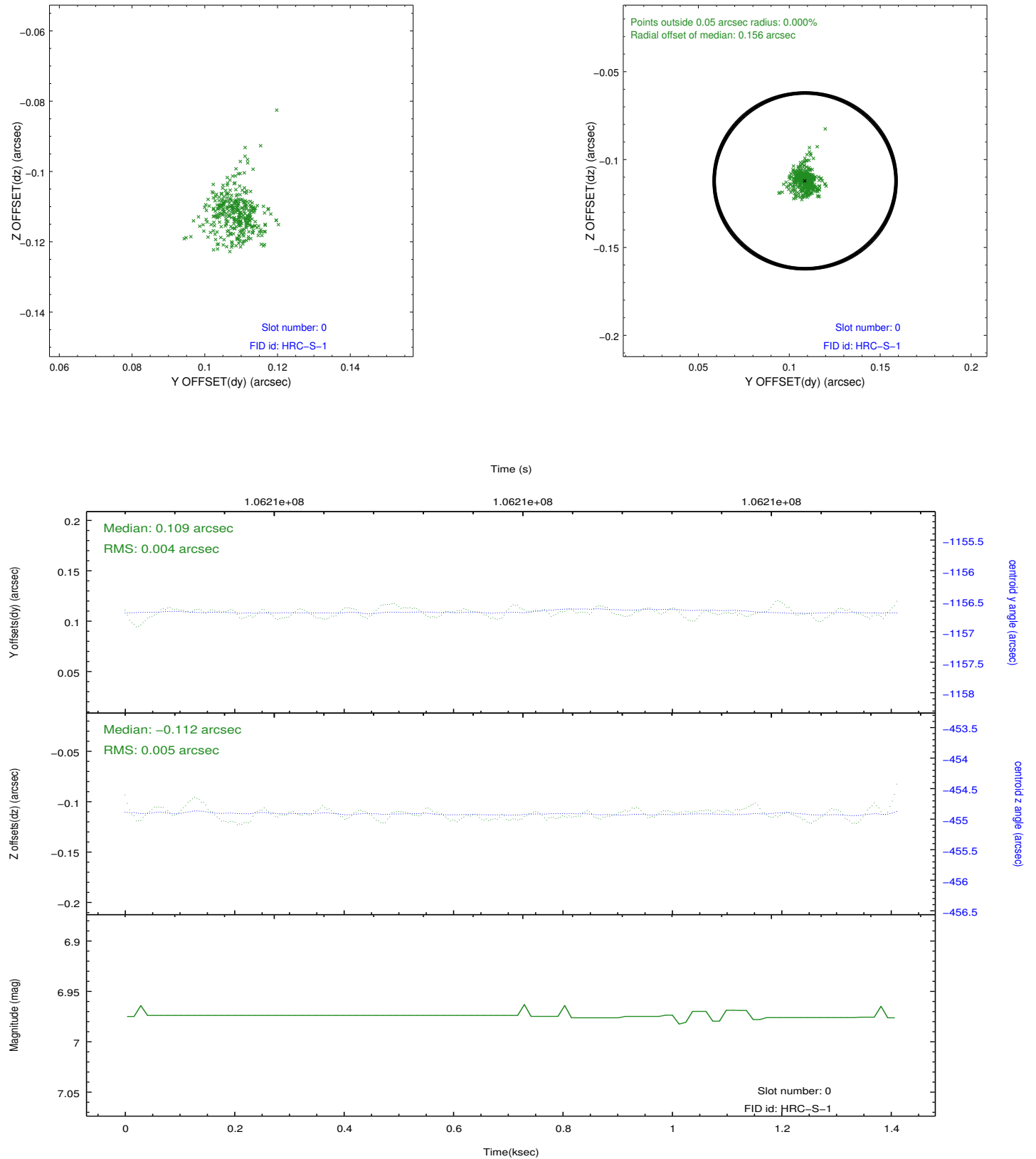


2.4.5 Slot 7

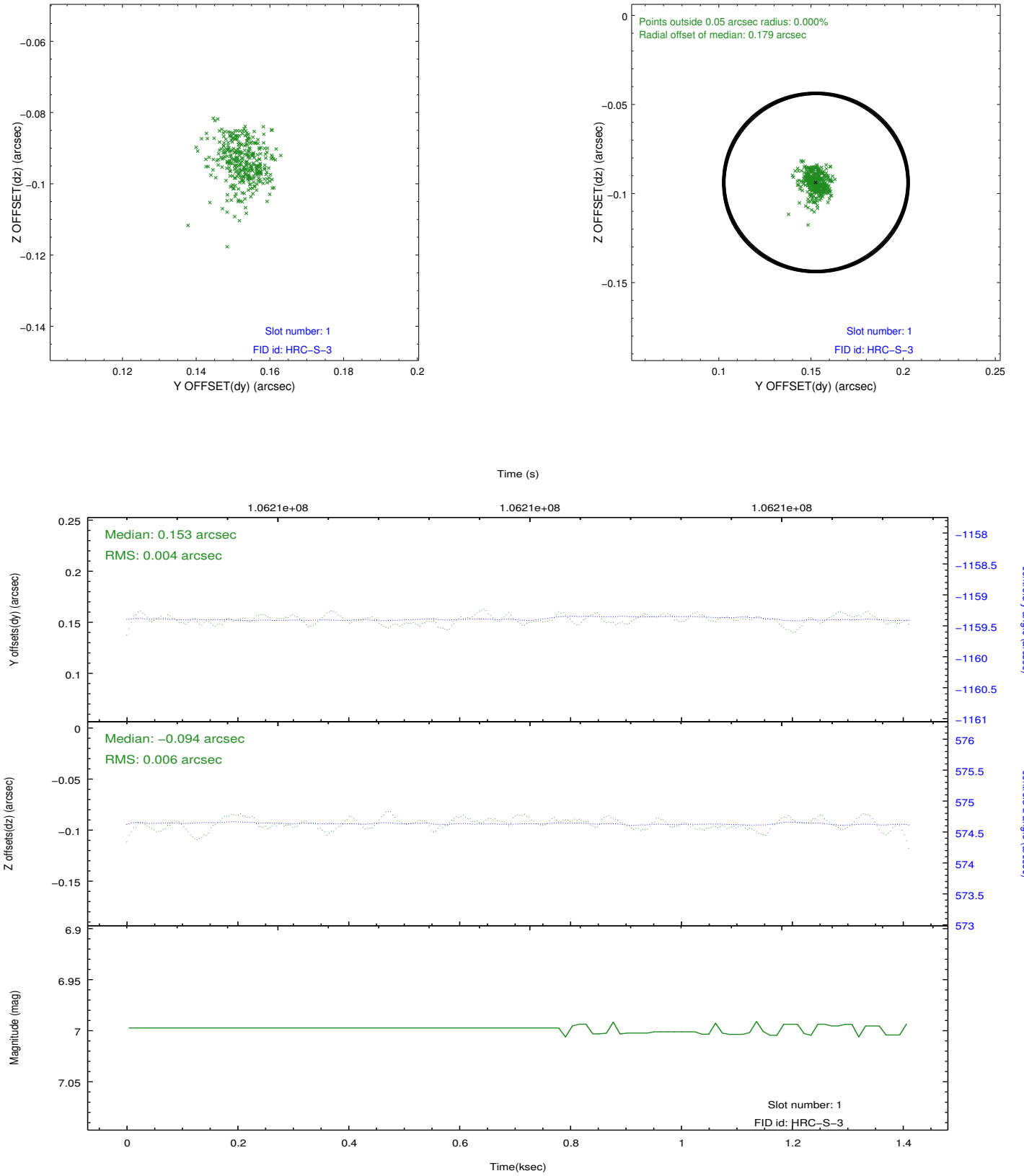


2.5 FID Slots

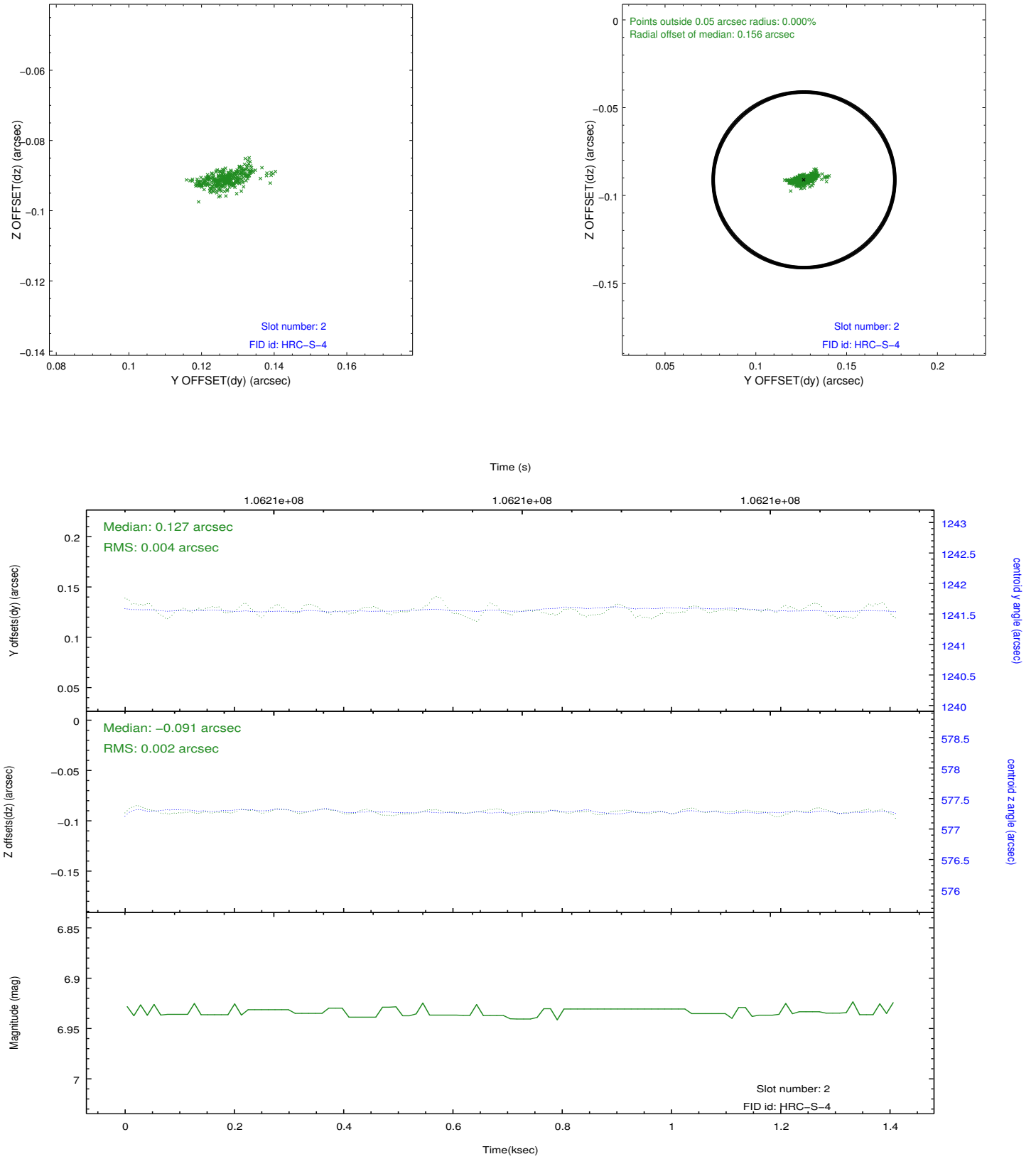
2.5.1 Slot 0



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)	2012.09.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.407

A.2 Comments

Charge time for this observation remains at previous value of 1.407 ksec.