

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 10712 - L2 Version 2
Chandra X-Ray Center

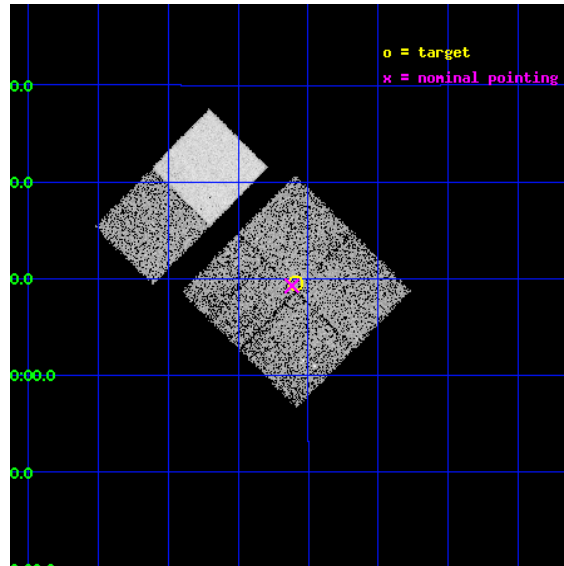
L2 Processing Date : May 25 2012

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1 Front

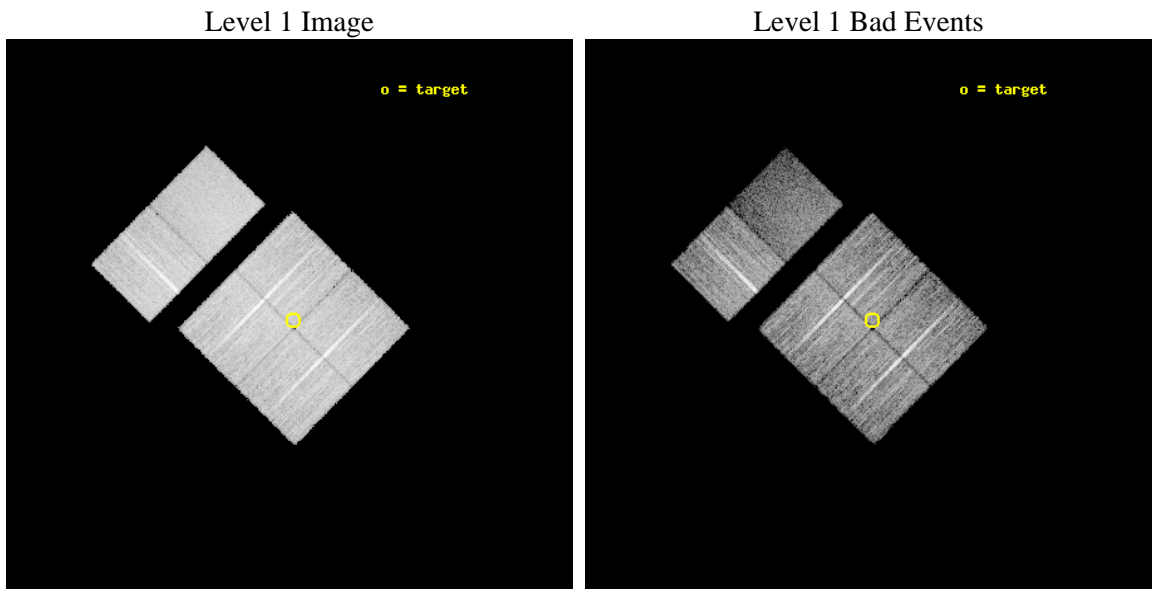
seq_num	501168	Sequence number
obs_id	10712	Observation id
title	Snap-shot survey of compact, radio-bright SNRs	Proposal title
observer	Professor Gordon Garmire	Principal investigator
object	G46.8-0.3	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	289.52175	Observer's specified target RA [deg]
dec_targ	12.158361	Observer's specified target Dec [deg]
ra_nom	289.52911234848	Nominal RA [deg]
dec_nom	12.154557161083	Nominal Dec [deg]
roll_nom	314.62696571566	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10041.599962652	Sum of GTIs [s]
livetime	9914.447177599	Livetime [s]
ontime0	10038.358992398	Sum of GTIs [s]
ontime1	10041.599962652	Sum of GTIs [s]
ontime2	10038.358992338	Sum of GTIs [s]
ontime3	10041.599962652	Sum of GTIs [s]
ontime6	10041.599962652	Sum of GTIs [s]
ontime7	10041.599962652	Sum of GTIs [s]
l2events	66887	Number of level 2 events



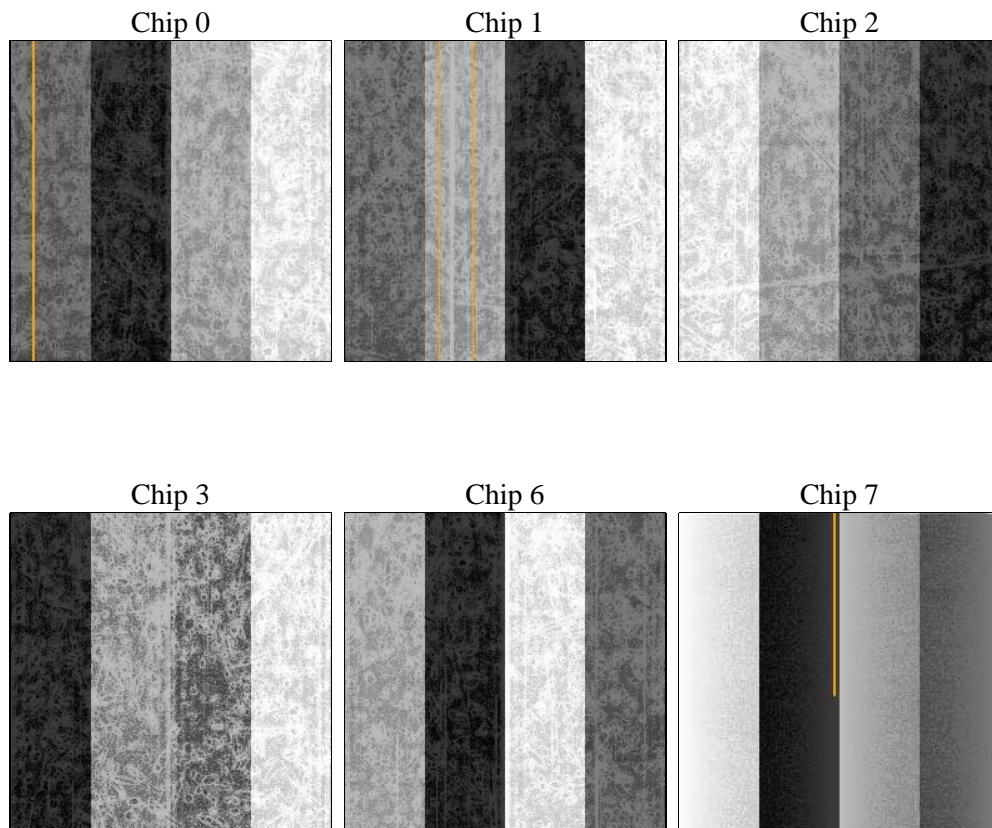
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	10000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	10041.599962652	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	10038.358992398	Sum of GTIs [s]
date	2012-05-25T18:14:18	Date and time of file creation	ontime1	10041.599962652	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	10038.358992338	Sum of GTIs [s]
			ontime3	10041.599962652	Sum of GTIs [s]
			ontime6	10041.599962652	Sum of GTIs [s]
			ontime7	10041.599962652	Sum of GTIs [s]
			l1events	452629	Number of level 1 events

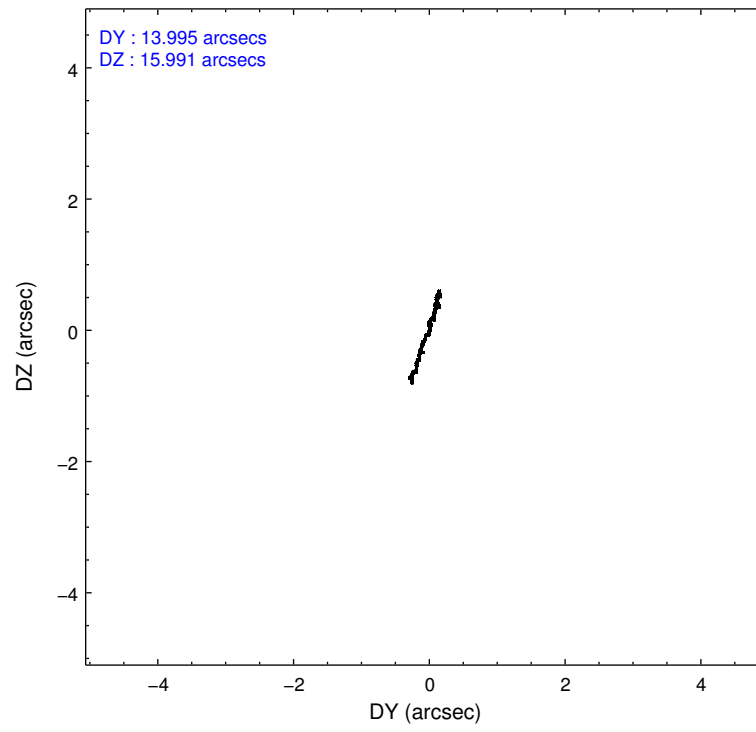
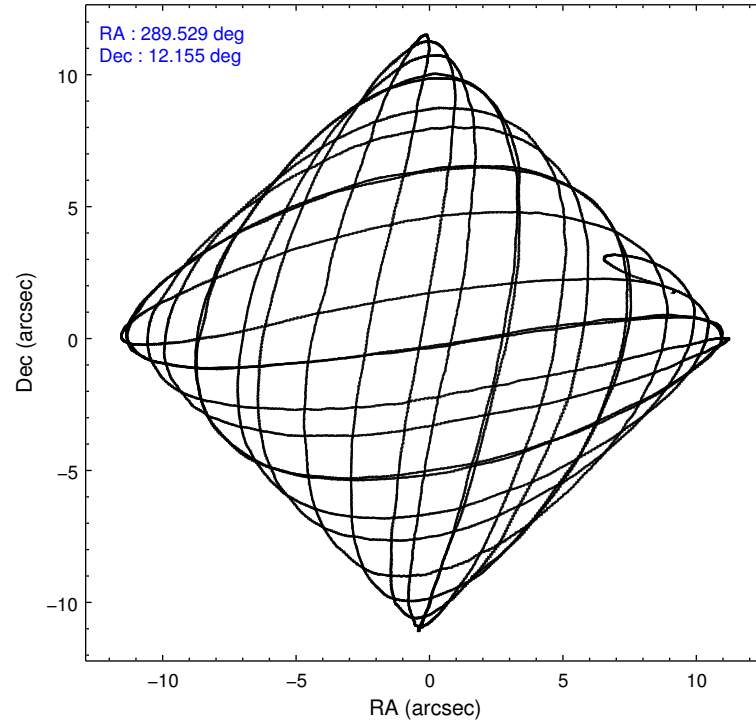
2.1.4 Events

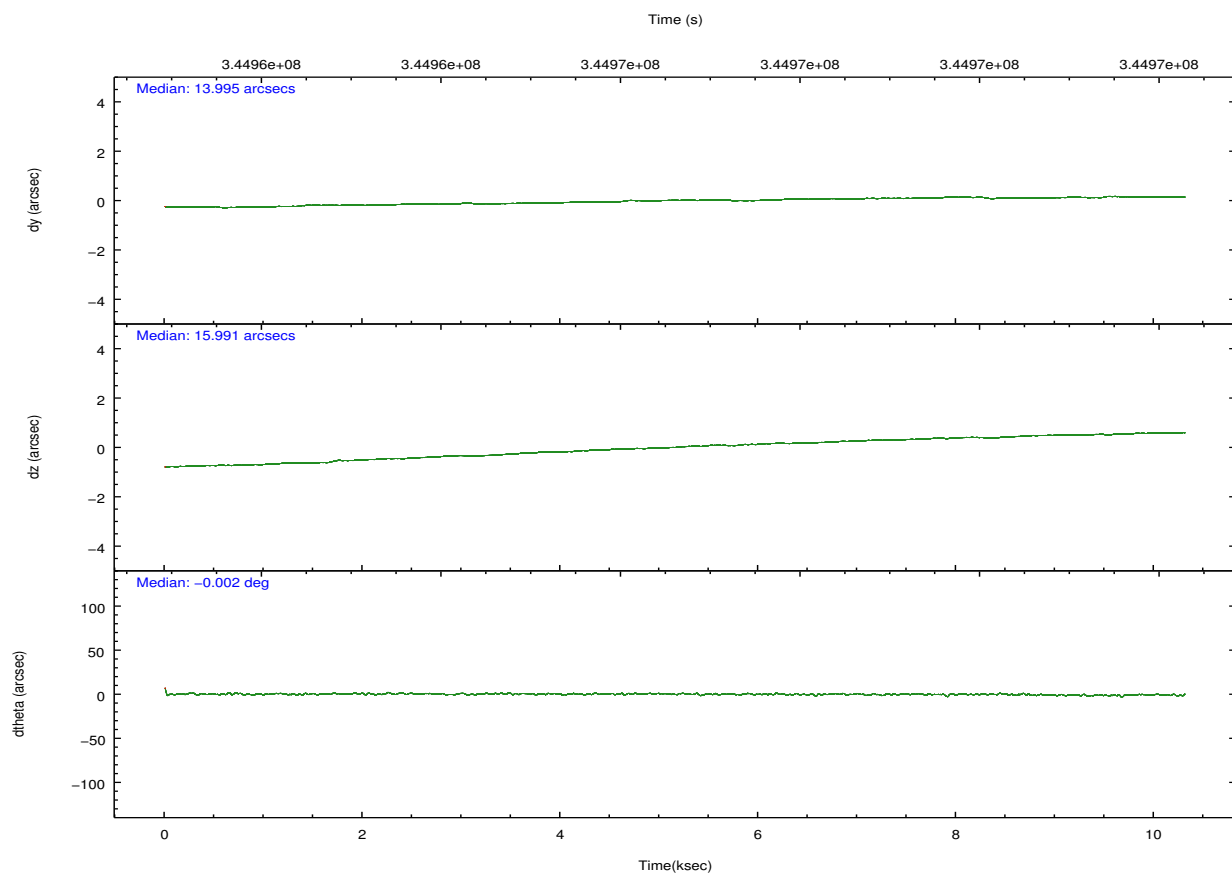
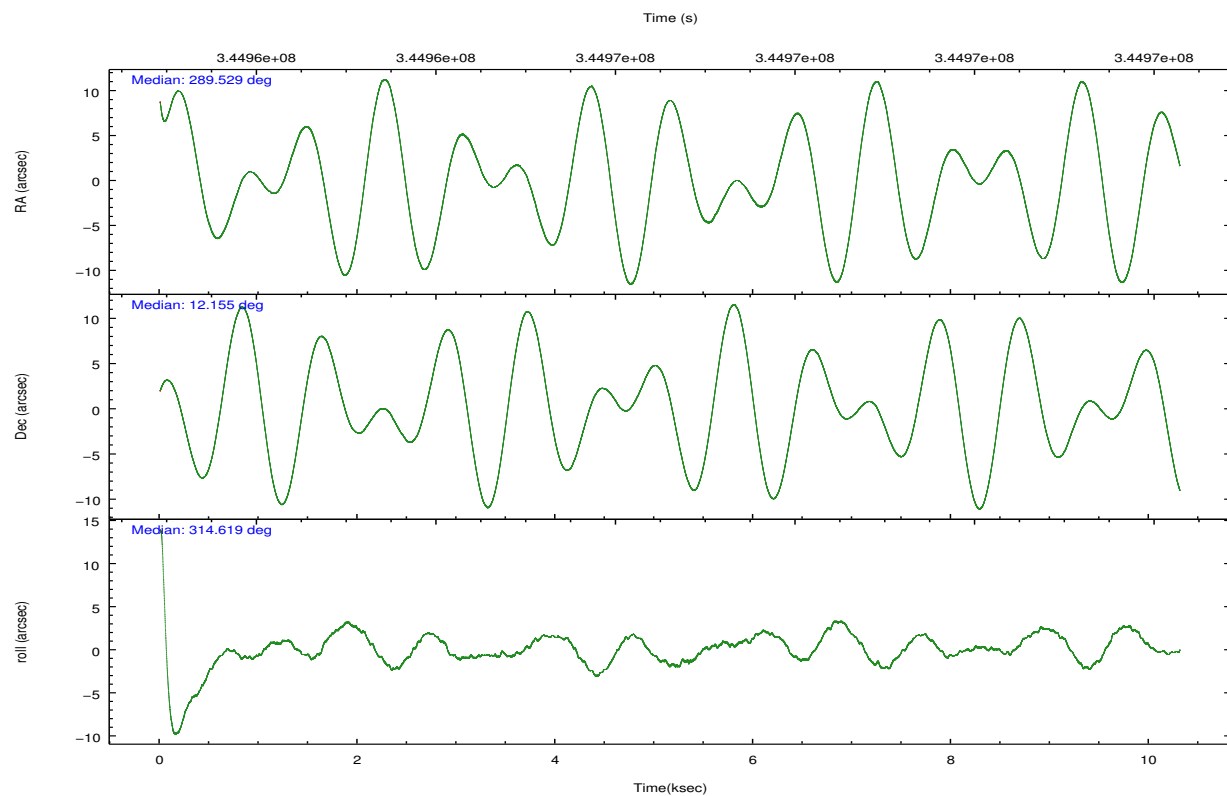
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	70728	69640	81964	74920	81118	74259	grade 0 events	2815	2820	2944	2746	2936	3694
rejected events	63007	61598	74425	67565	73270	37932		3%	4%	3%	3%	3%	4%
rejected %	89%	88%	90%	90%	90%	51%	grade 1 events	44	41	48	41	38	119
								0%	0%	0%	0%	0%	0%
							grade 2 events	1840	1805	1726	1600	1756	7702
								2%	2%	2%	2%	2%	10%
							grade 3 events	854	878	747	848	859	3426
								1%	1%	0%	1%	1%	4%
							grade 4 events	816	924	769	754	741	3380
								1%	1%	0%	1%	0%	4%
							grade 5 events	2279	2588	2200	2644	2655	8026
								3%	3%	2%	3%	3%	10%
							grade 6 events	1396	1618	1357	1411	1559	18152
								1%	2%	1%	1%	1%	24%
							grade 7 events	60684	58966	72173	64876	70574	29760
								85%	84%	88%	86%	87%	40%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	CCD I0 on	Y	Y
Observation mode	POINTING	POINTING	CCD I1 on	Y	Y
[deg] Pointing RA	289.501893	289.5291123484761	CCD I2 on	Y	Y
[deg] Pointing Dec	12.161737	12.15455716108308	CCD I3 on	Y	Y
[deg] Pointing Roll	314.423994	314.626965715658	CCD S0 on	N	N
[mm] SIM focus pos	-0.782348	-0.7809083437167272	CCD S1 on	N	N
[mm] SIM defocus	0	0.001439871863259334	CCD S2 on	O2	Y
[mm] SIM translation stage pos	-233.592463	-233.5874344608287	CCD S3 on	O1	Y
[mm] SIM translation stage offset	0	-0.005018542100998502	CCD S4 on	N	N
[s] Observation start time (MET)	344961760.184000	344960691.23917	CCD S5 on	N	N
Observation start date	2008-12-06T14:41:35	2008-12-06T14:24:51	Number of optional ACIS chips dropped	0	0
[s] Observation end time (MET)	344971760.184000	344972600.20225	On-chip summing requested	N	N
Observation end date	2008-12-06T17:28:15	2008-12-06T17:43:20	Subarray requested	NONE	NONE
Read mode	TIMED	TIMED	Alternating exposures requested	N	N
			[s] Primary exposure time	0.000000	3.2

2.3 Aspect



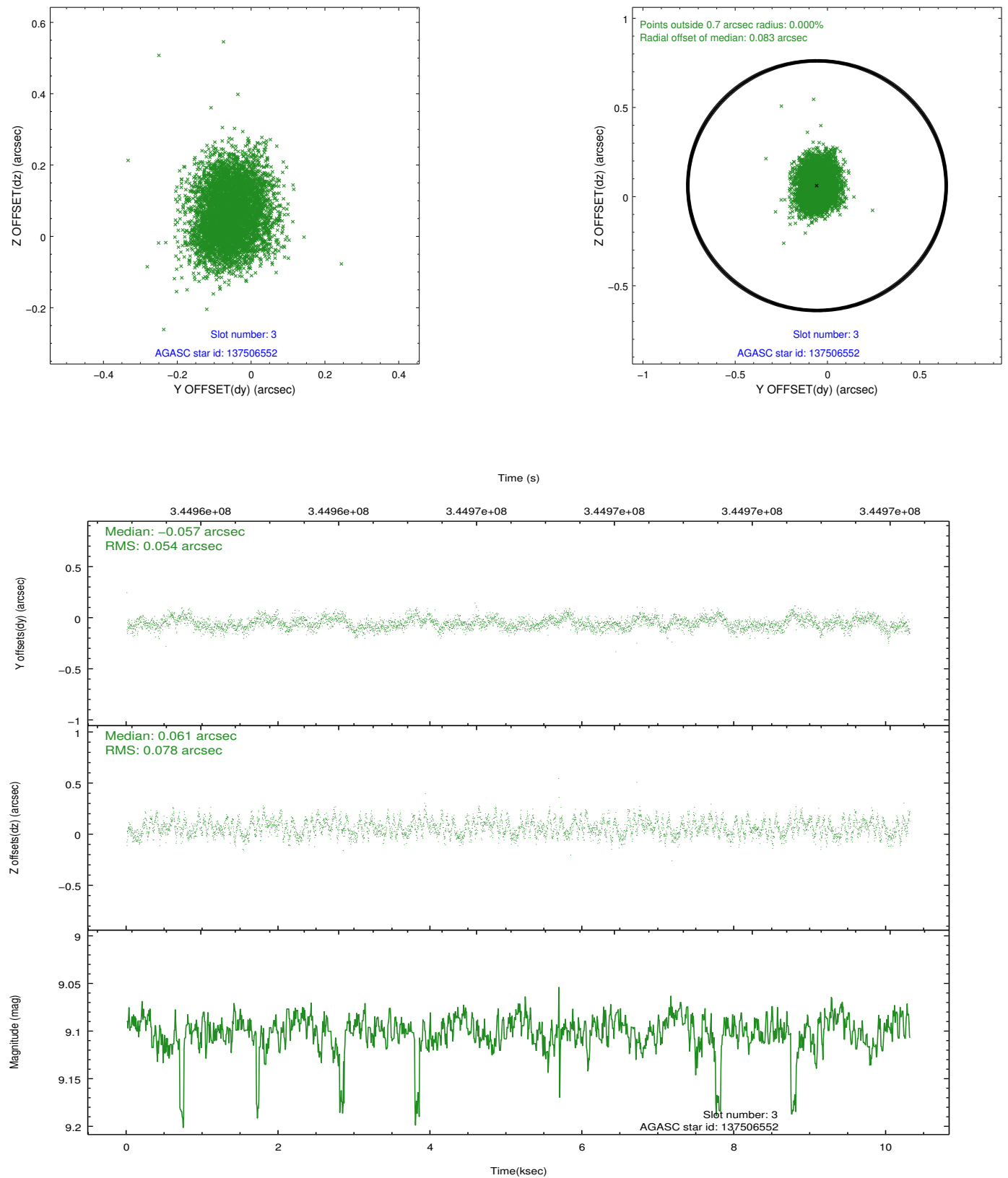


Slot Statistics

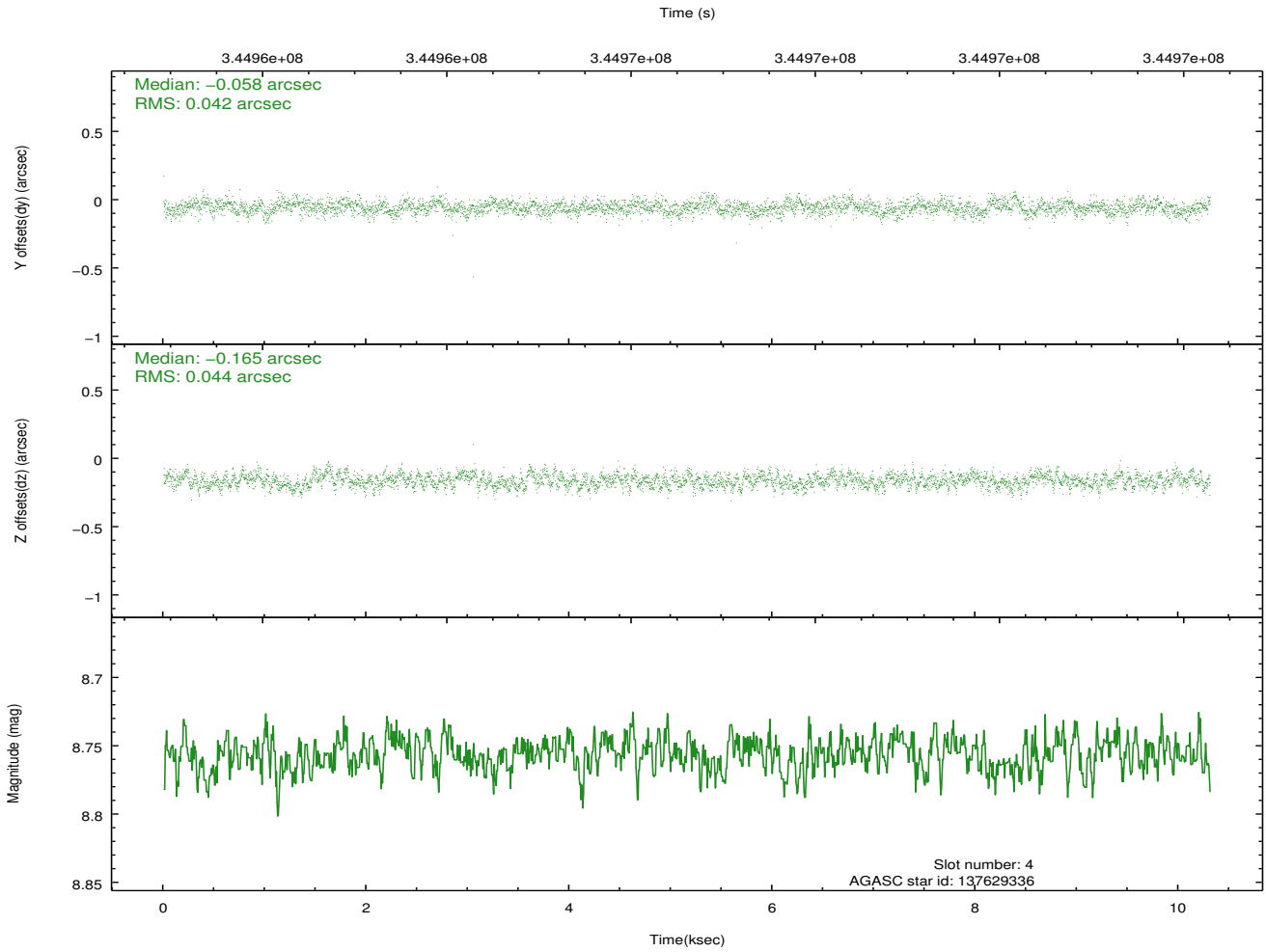
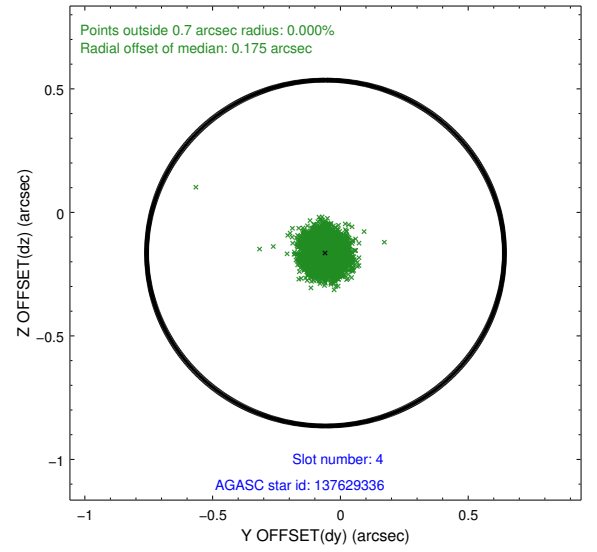
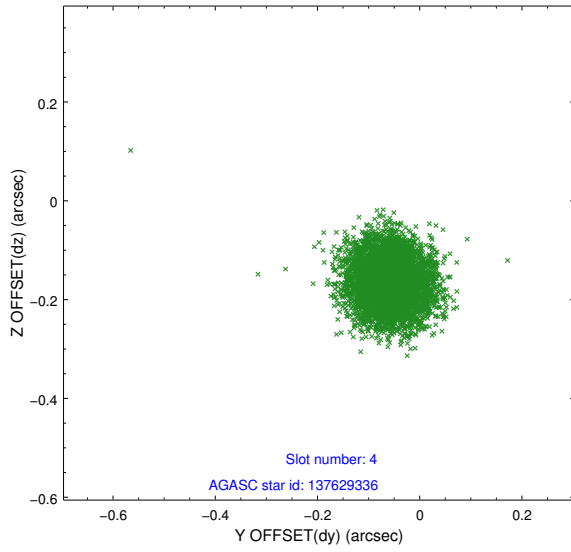
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.01	2514	-0.092	-0.095	0.012	0.024	0.000000	0.000000	-768.74	-846.03
1	FID	ACIS-I-4	7.01	2515	0.203	0.081	0.008	0.014	0.000000	0.000000	2145.38	1060.05
2	FID	ACIS-I-5	7.08	2515	-0.212	0.083	0.011	0.019	0.000000	0.000000	-1822.03	1058.49
3	GUIDE	137506552	9.10	5015	-0.057	0.061	0.101	0.160	288.932445	11.834687	-564.14	-2256.22
4	GUIDE	137629336	8.76	5028	-0.058	-0.165	0.065	0.103	289.594234	12.161574	228.05	231.13
5	GUIDE	137628936	9.33	5025	0.040	0.134	0.111	0.181	289.169859	11.656925	478.63	-2107.46
6	GUIDE	137631248	8.59	5024	0.123	0.189	0.071	0.117	290.218363	11.930276	2359.51	1221.45
7	GUIDE	137628560	8.98	5026	-0.047	-0.216	0.071	0.113	290.234213	12.237192	1607.42	2032.85

2.4 Star Slots

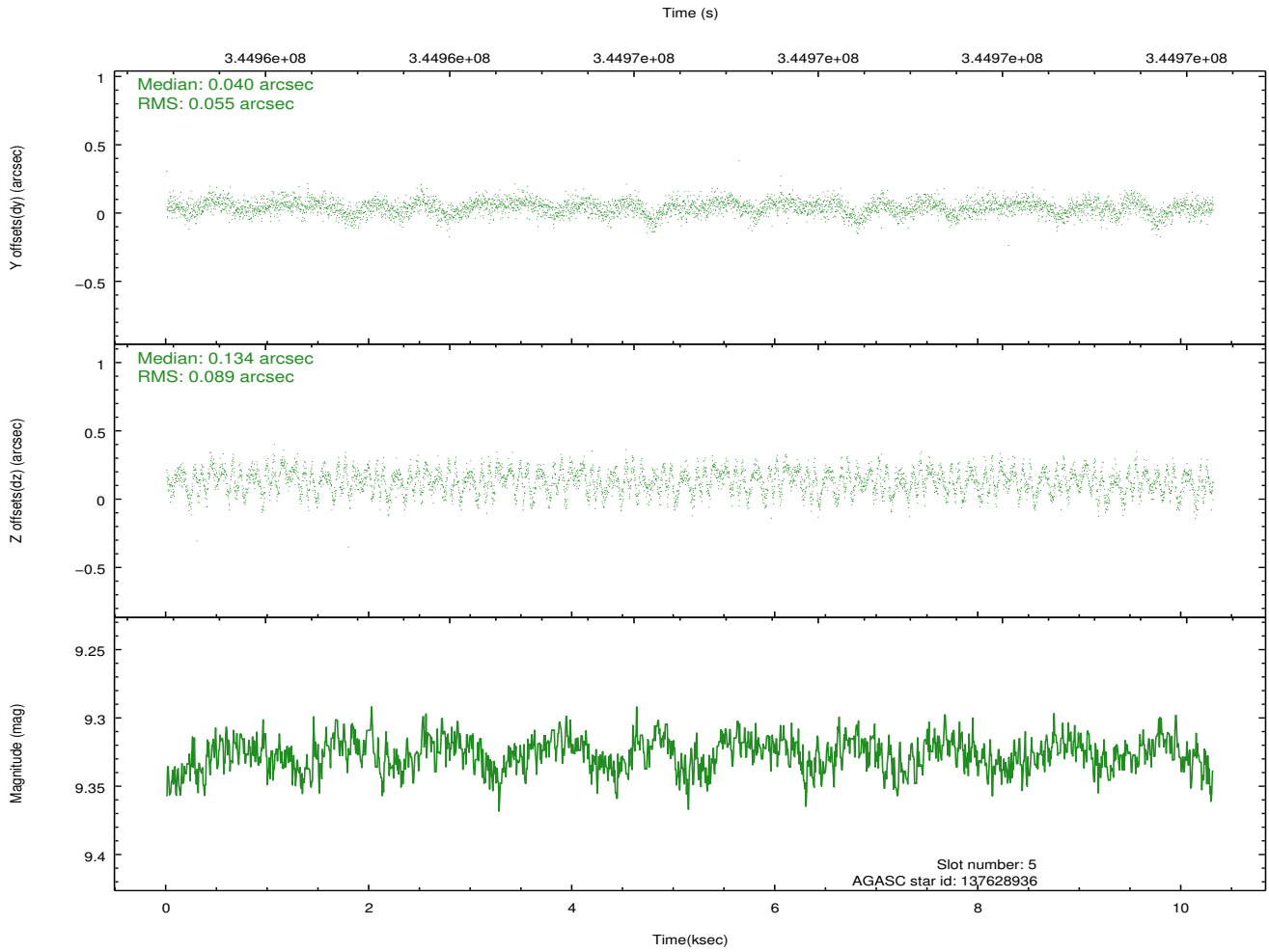
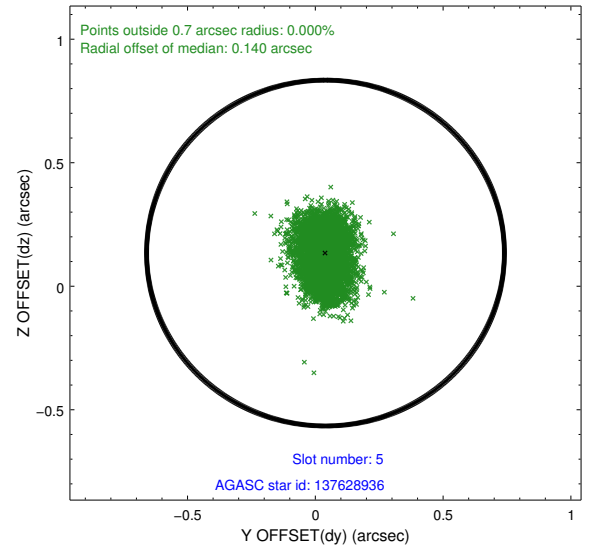
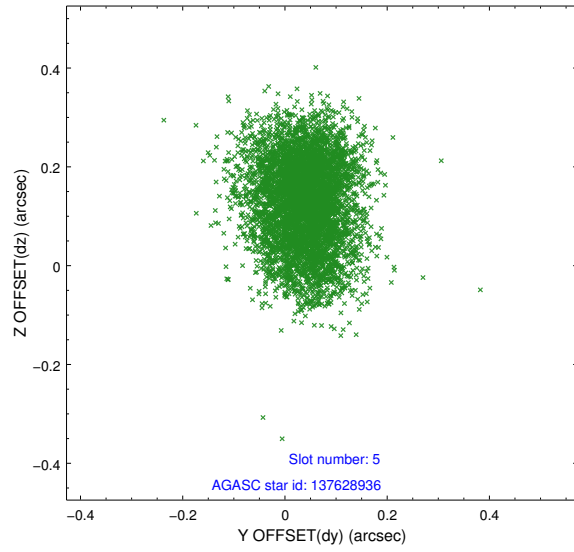
2.4.1 Slot 3



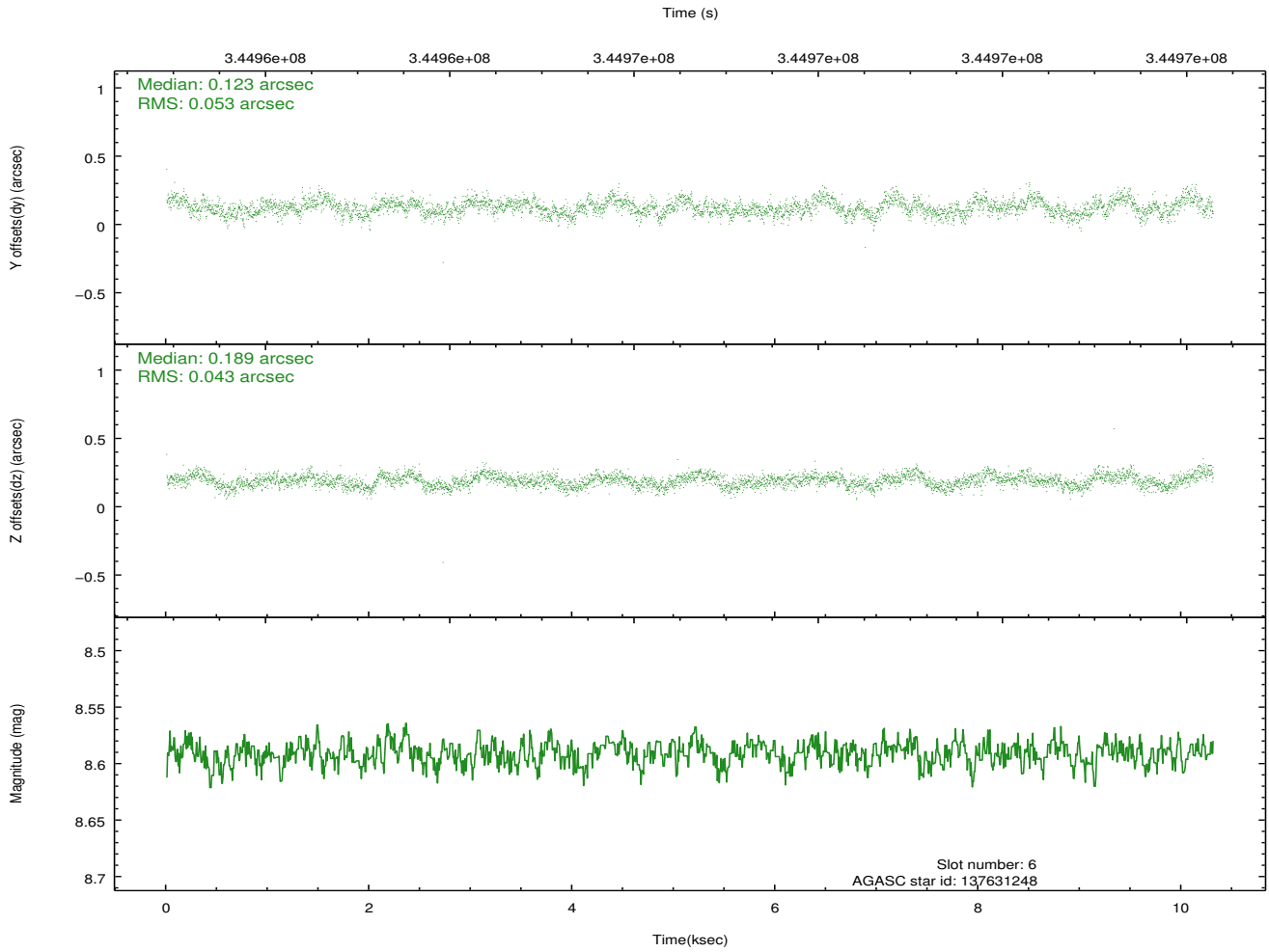
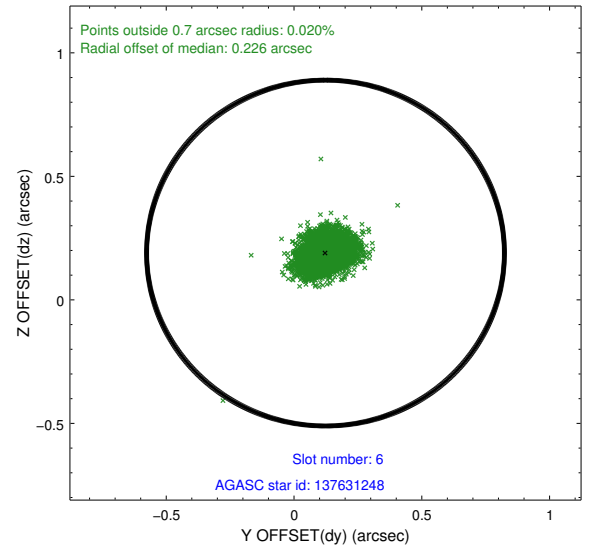
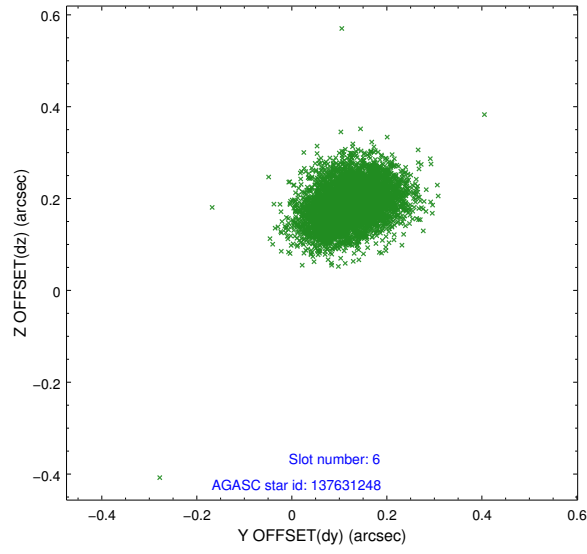
2.4.2 Slot 4



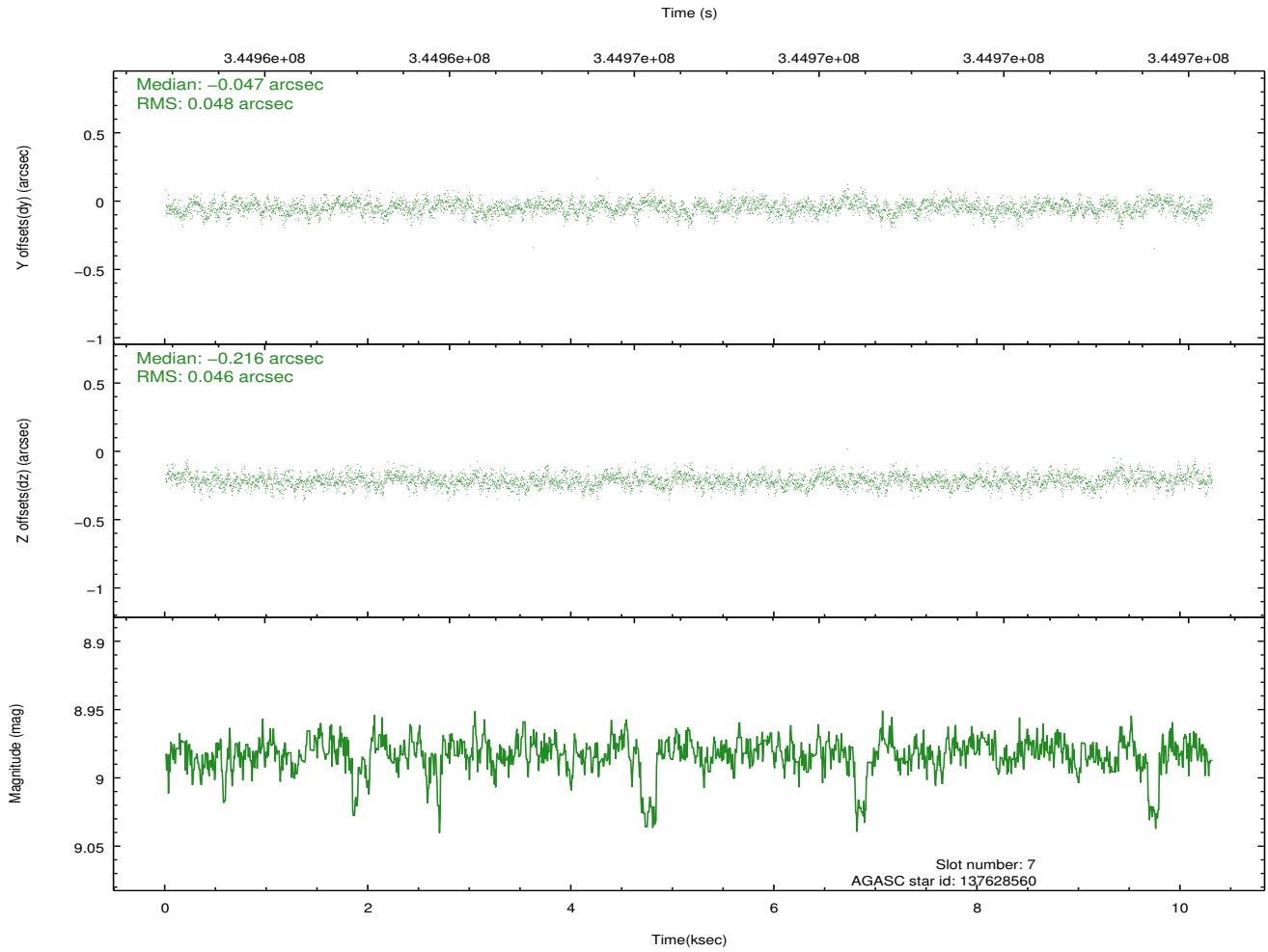
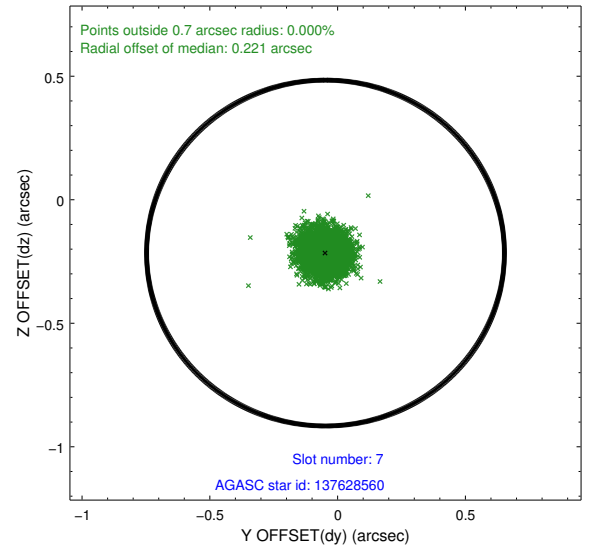
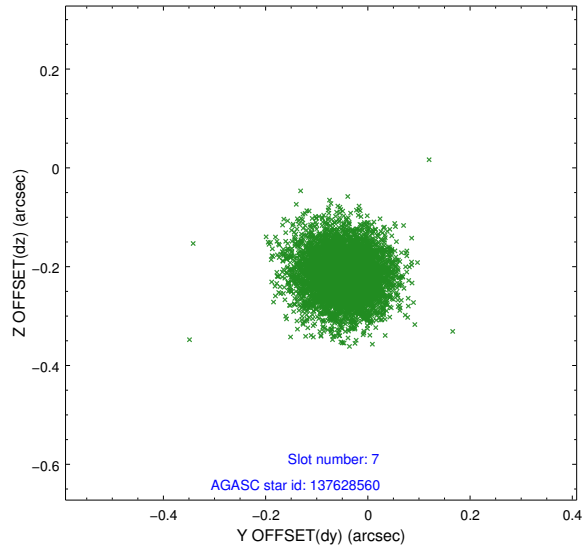
2.4.3 Slot 5



2.4.4 Slot 6

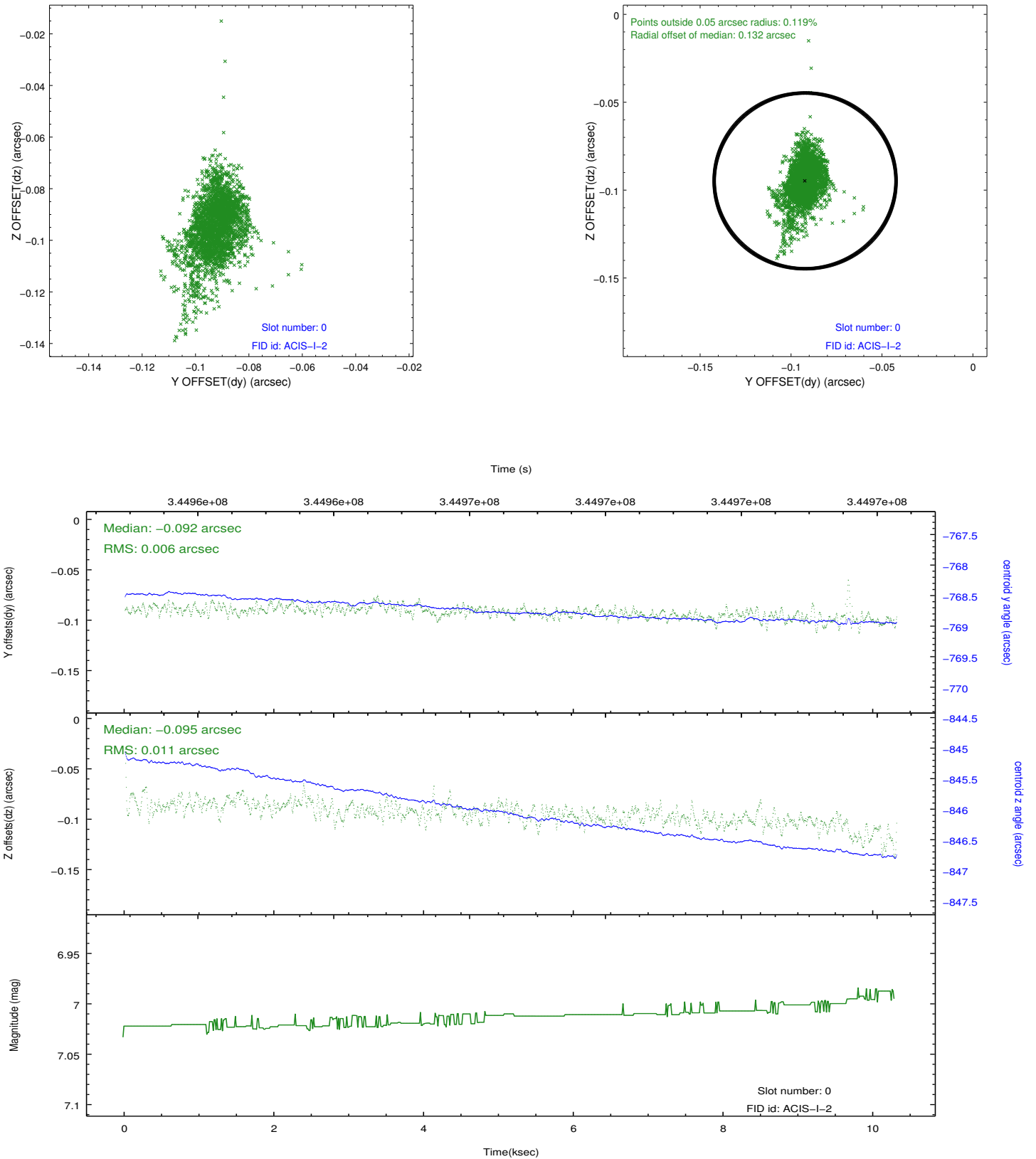


2.4.5 Slot 7

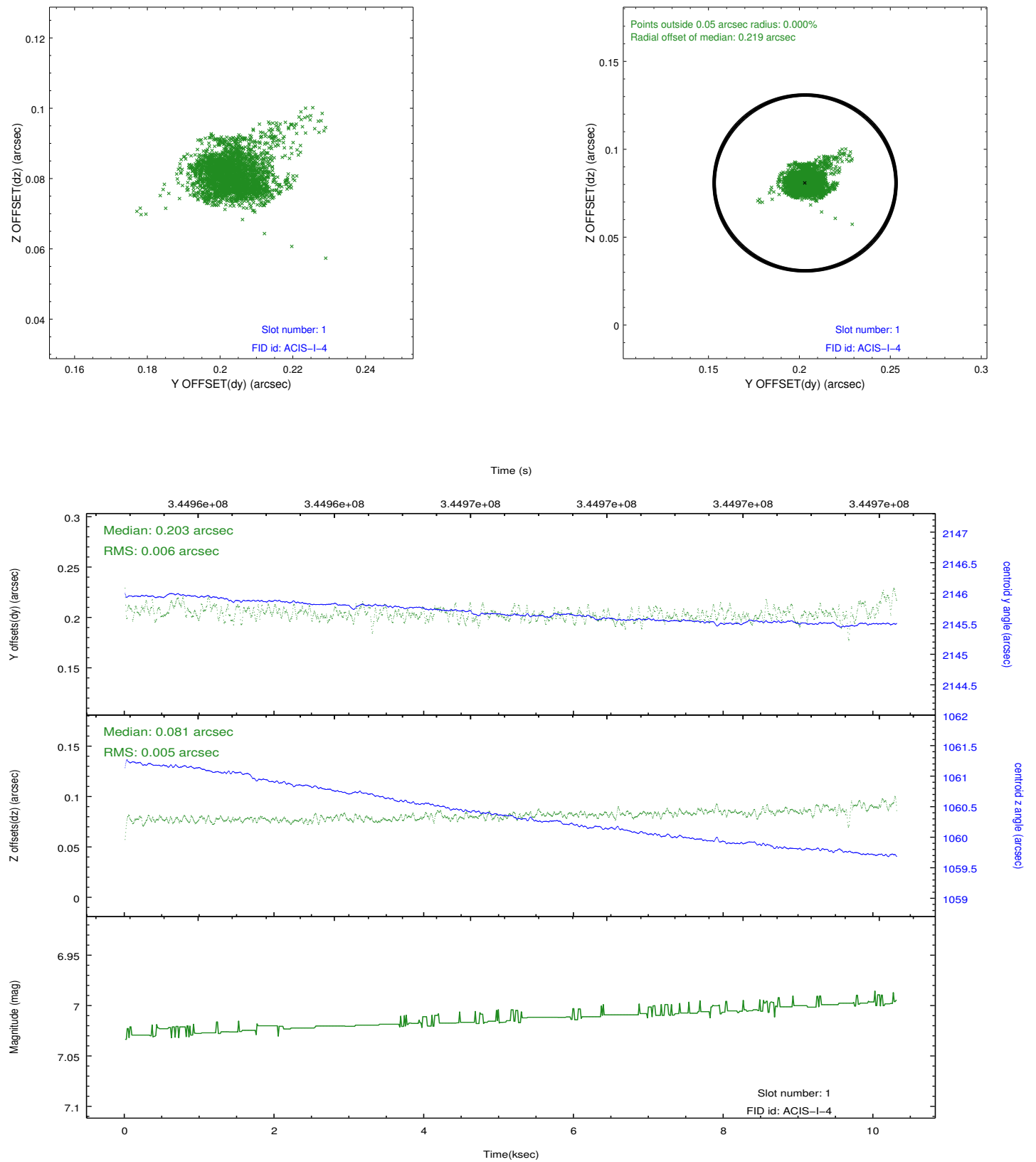


2.5 FID Slots

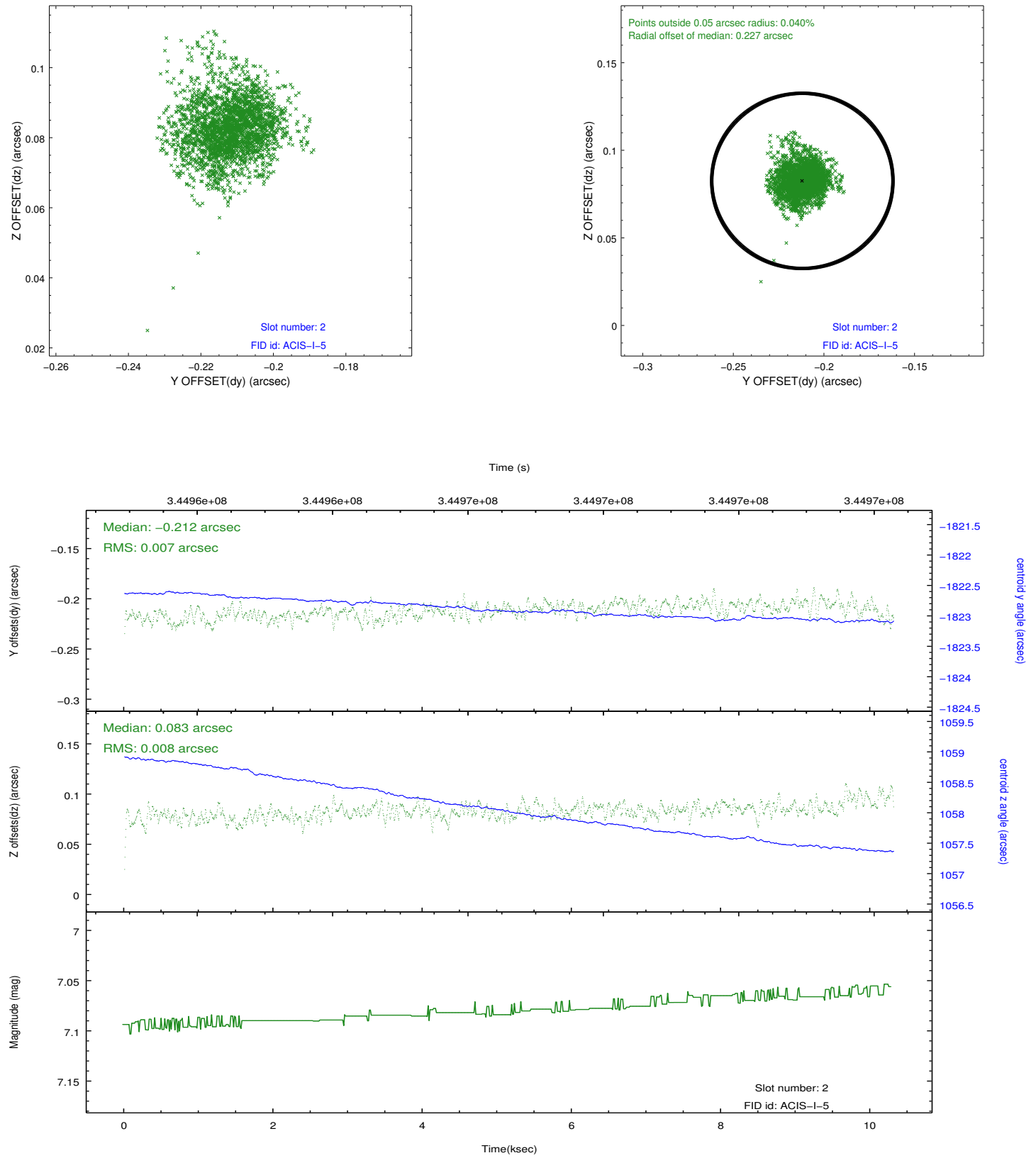
2.5.1 Slot 0



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)	2012.06.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.0415999

A.2 Comments