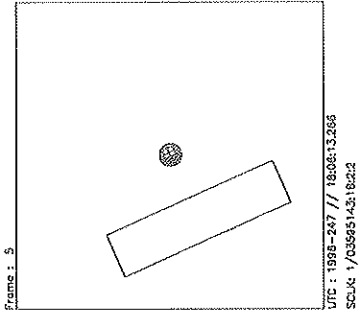
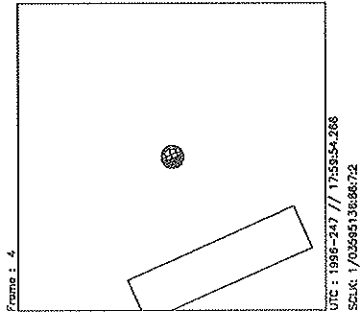
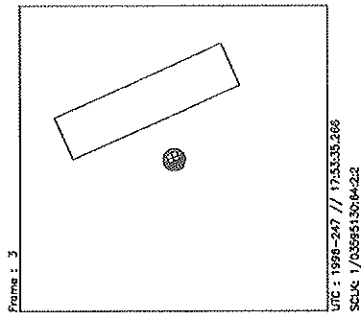
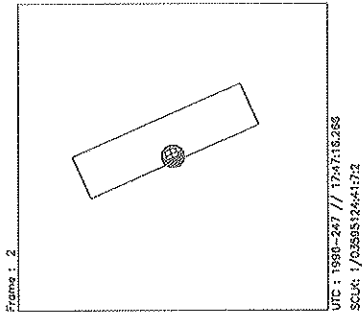
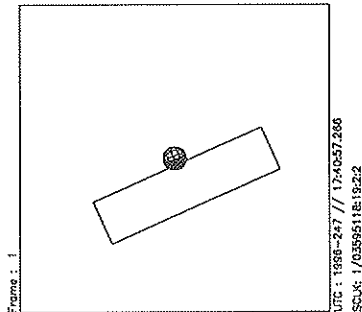
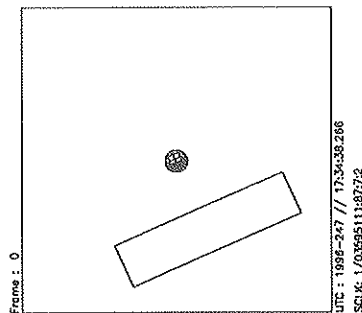
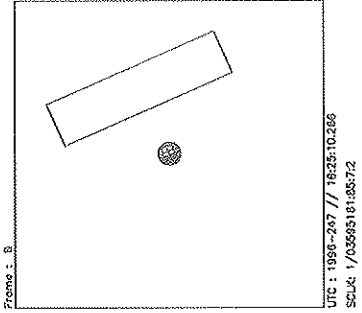
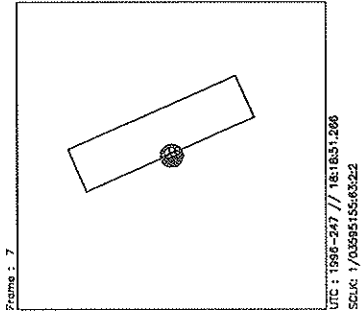
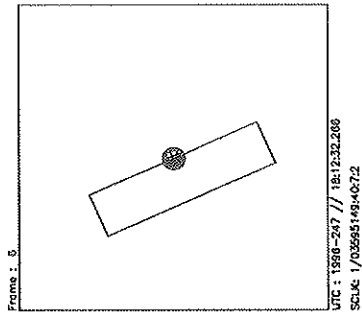


Activity ID: Orbit G2		OAPEL EUPHAS79		SeqNo 01-	
Title	UVS EUROPA PHASE (~79 deg)			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G2A	Calendar Date	09/03/96 Week 36
Start	GEE-CDS 4361:00:0		96-247/17:30:42.000		GEE-003/01:29:27.333
End	GEE-CDS 4297:00:0		96-247/18:35:24.667		GEE-003/00:24:44.666
Duration	00000064:00:0		000/01:04:42.667		000/01:04:42.667
Top Label	G2EUPHAS7901-				
Bottom Label	(real-time)				
Plot Key	UVS	Type	SCI		
CDS Bytes	250	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No
Observation Objective					
<div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 150px; height: 150px; margin-right: 10px;"></div> <div> <p>Observe Europa in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements. 2 scan-platform drifts across Europa in real-time at ~79° phase (~353-356 longitude ; 27 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Each drift will include 20 RIMs HV On / 10 RIMs HV Off for PWS time sharing. Therefore, only 20 RIMs of the 27 RIM 3-sigma drift rate is covered in each drift. UVS Configuration = F/F Full Scans</p> </div> </div>					
Design Detail					
<pre> CDS RIM Command Parameters ----- 28 003+UVFLUSH DISCRD,UVS 36 004 TARGET (4 RIM Posn_Slew) 66 003 CMDRS 004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00 024 21 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00 034 31 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00 054 51 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00 36 034 TARGET (1 RIM Posn_Slew) 28 023+UVFLUSH PACKET UVS 28 033+UVFLUSH,DISCRD UVS 28 053+UVFLUSH PACKET UVS </pre>					



packet @ 17:54:48

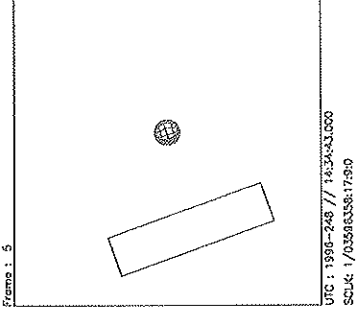
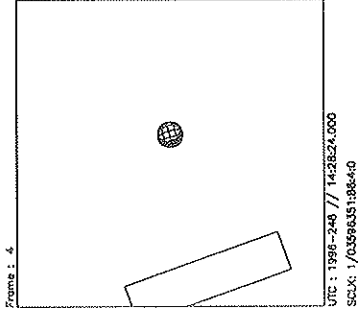
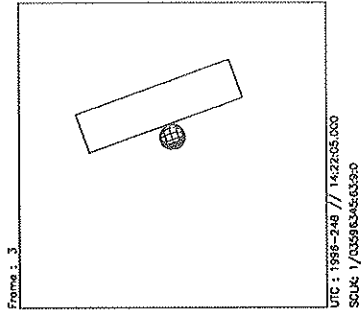
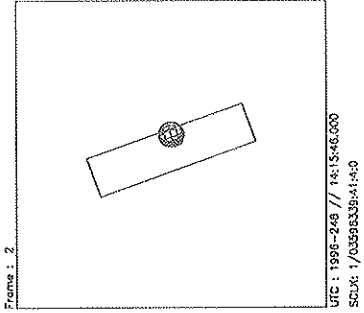
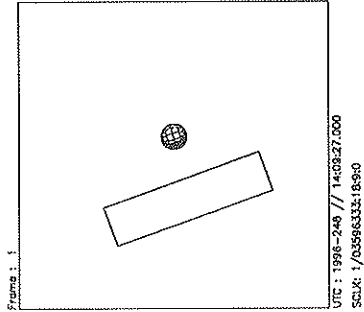
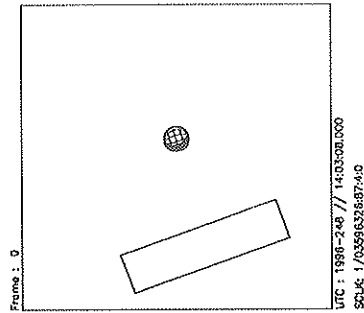


packet @ 18:25:08

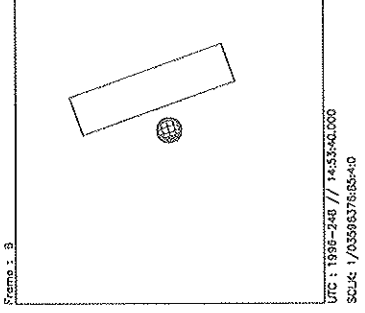
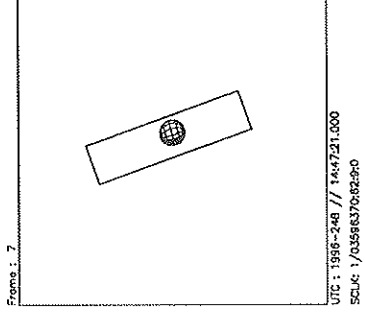
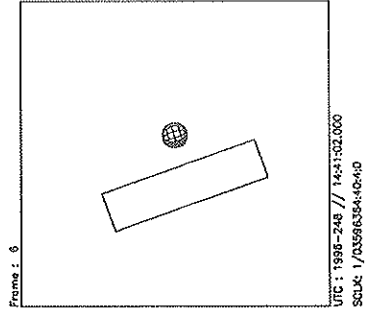
Start UTC_TIME : 1996-247 // 17:34:38.266
End UTC_TIME : 1996-247 // 18:25:11.266
Start SCLK : 1/0359511:877:2
Delta Time between FOV : 379.0000
FOVs : F Channel(0.1x0.4)

Target Body : EUROPA
Target Cone/Clock : 105.93/ 90.37 Deg
S/C to Body Center : 3624746. Km (2316.1314 Re)
Z-axis Pointing (Ro / Dec) : 98.60 / 25.00 Deg

Activity ID: Orbit G2		OAPEL EUPHAS60		SeqNo 01-	
Title	UVS EUROPA PHASE (~60 deg)			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G2A	Calendar Date	09/04/96 Week 36
Start	GEE-CDS 3146:00:0		96-248/13:59:12.000		GEE-002/05:00:57.333
End	GEE-CDS 3082:00:0		96-248/15:03:54.667		GEE-002/03:56:14.666
Duration	00000064:00:0		000/01:04:42.667		000/01:04:42.667
Top Label	G2EUPHAS6001-				
Bottom Label	(real-time)				
Plot Key	UVS	Type	SCI		
CDS Bytes	250	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No
Observation Objective					
<div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 200px; height: 150px; margin-right: 10px;"></div> <div> <p>Observe Europa in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements. 2 scan-platform drifts across Europa in real-time at ~60° phase (~45-48 longitude ; 27 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Each drift will include 20 RIMs HV On / 10 RIMs HV Off for PWS time sharing. Therefore, only 20 RIMs of the 27 RIM 3-sigma drift rate is covered in each drift. UVS Configuration = F/F Full Scans</p> </div> </div>					
CDS RIM Command Parameters			Design Detail		
28	003+UVFLUSH	DISCRD, UVS			
36	004	TARGET (4 RIM Posn_Slew)			
66	003	CMDRS			
	004	1	34UVS, 07, S, N, N, N, S, 0,	ON, OFF,	ON, ON, OFF, NOOVR, 1, 00, 9C, 00, 00
	024	21	34UVS, C1, F, N, N, N, S, 0,	OFF, OFF,	ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00
	034	31	34UVS, 07, S, N, N, N, S, 0,	ON, OFF,	ON, ON, OFF, NOOVR, 1, 00, 9C, 00, 00
	054	51	34UVS, C1, F, N, N, N, S, 0,	OFF, OFF,	ON, OFF, OFF, NOOVR, 1, 2C, 05, 00, 00
36	034	TARGET (1 RIM Posn_Slew)			
28	023+UVFLUSH,	PACKET UVS			
28	033+UVFLUSH,	DISCRD UVS			
28	053+UVFLUSH,	PACKET UVS			



Handwritten: 3.75 @ 14:23



Start UTC_TIME : 1996-248 // 14:03:08.000
End UTC_TIME : 1996-248 // 14:53:41.000
Start SCLK : 1/03596326:87:4:0
Delta Time between FOV : 379.0000
FOVs : F Channel(0.1x0.4)

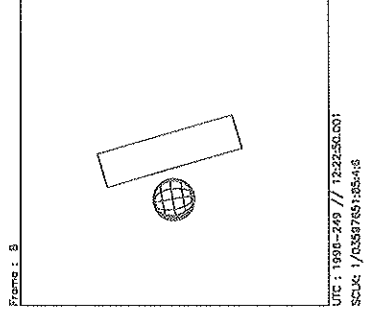
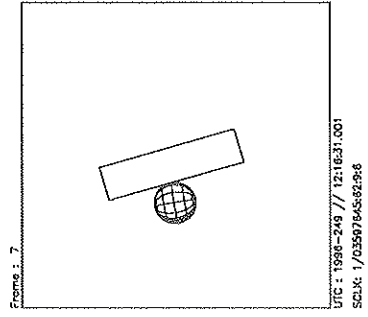
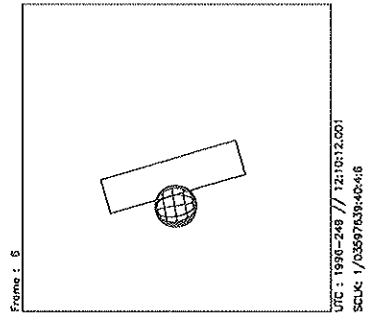
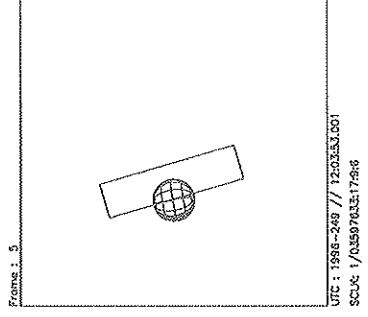
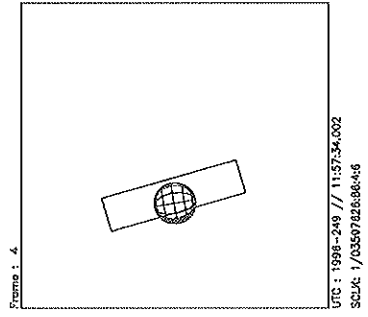
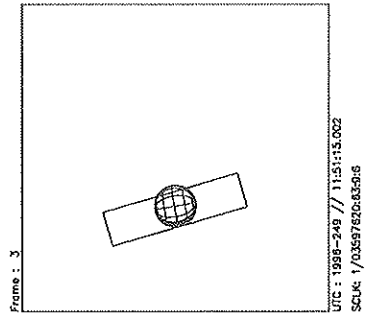
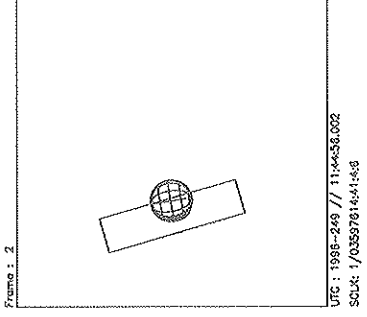
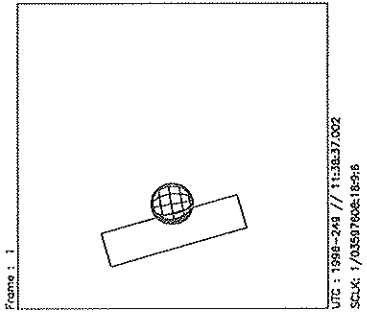
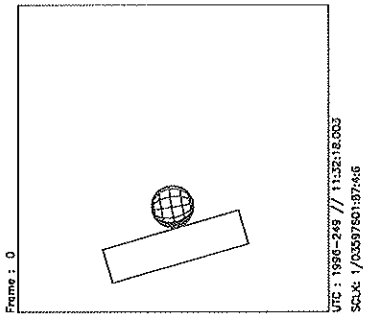
Target Body : EUROPA
Target Cone/Clock : 128.38 / 90.97 Deg
S/C to Body Center : 2939508. Km (1878.2800 Re)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

UVS EUROPA PHASE (~43 deg)

ACTIVITY ID: G2EUPHAS4301-

START TIME: 96-249/11:28:22.000

Activity ID: Orbit G2		OAPEL EUPHAS43		SeqNo 01-	
Title		UVS EUROPA PHASE (~43 deg)		Instrument UVS	
Requestor		UVS-SWG/K.NAVIAUX 37740		Team UVS	
				Working Group SWG	
Time System CDS		Load ID G2A		Calendar Date 09/05/96	
				Week 36	
Start		GEE-CDS 1871:00:0		96-249/11:28:22.000	
				GEE-001/07:31:47.333	
End		GEE-CDS 1817:00:0		96-249/12:22:58.000	
				GEE-001/06:37:11.333	
Duration		00000054:00:0		000/00:54:36.000	
				000/00:54:36.000	
Top Label		G2EUPHAS4301-			
Bottom Label		(real-time)			
Plot Key		UVS		Type SCI	
CDS Bytes		120		Report Options BOTH	
				Scan Platform Yes	
CDS Source		PA		Spin State DUAL	
				DMS No	
Observation Objective					
<div style="display: flex;"> <div style="border: 1px solid black; width: 200px; height: 150px; margin-right: 10px;"></div> <div> <p>Observe Europa in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements. 1 50 RIM scan-platform drift across Europa in real-time at ~43° phase (~116-120 longitude). UVS Configuration = F/F Full Scans</p> </div> </div>					
Design Detail					
<pre> CDS RIM Command Parameters ----- 28 003+UVFLUSH DISCRD, UVS 28 003 CMDRS 004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00 054 51 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,03,00,00 36 004 TARGET (4 RIM Posn_Slew) 28 053+UVFLUSH PACKET, UVS </pre>					



*Packet
@ 12:22:48*

Start UTC_TIME : 1996-249 // 11:32:18.000
No End Time :
Start SCLK : 1/03597601:87:4:6

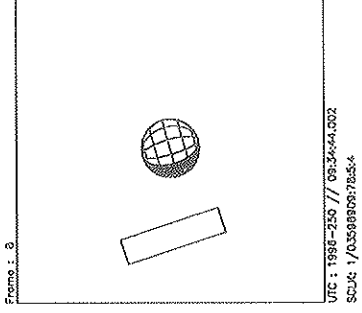
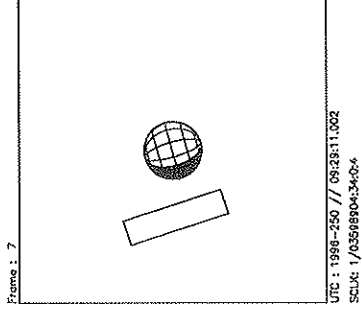
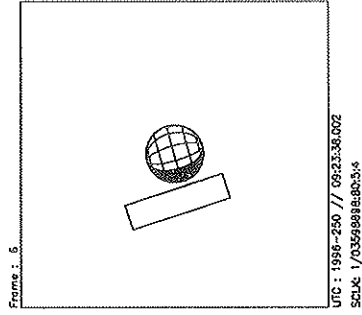
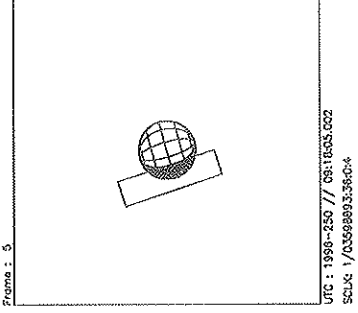
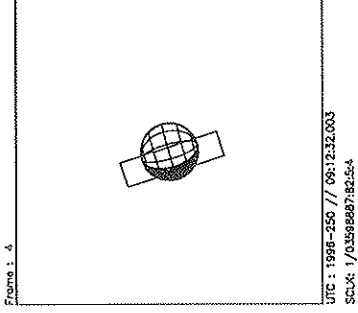
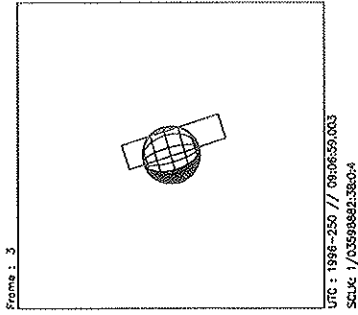
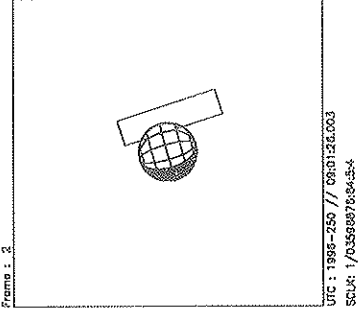
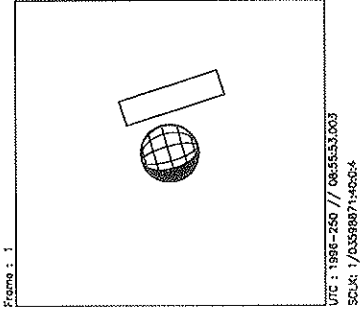
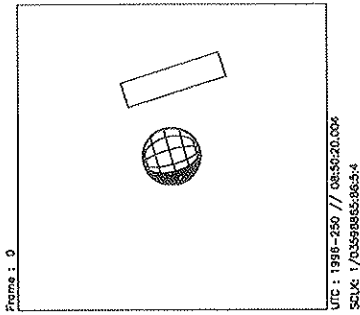
Target Body : EUROPA
Target Ra/Dec : 243.46/-19.84 Deg
S/C to Body Center : 159542. Km (996.51222 Re)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

UVS EUROPA PHASE (~58 deg)

ACTIVITY ID: G2EUPHAS5801-

START TIME: 96-250/08:46:24.667

Activity ID: Orbit G2	OAPEL EUPHAS58	SeqNo 01-
Title	UVS EUROPA PHASE (~58 deg)	Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS
		Working Group SWG
Time System CDS	Load ID G2A	Calendar Date 09/06/96
		Week 36
Start	GEE-CDS 607:00:0	96-250/08:46:24.667
		GEE-000/10:13:44.666
End	GEE-CDS 557:00:0	96-250/09:36:58.000
		GEE-000/09:23:11.333
Duration	00000050:00:0	000/00:50:33.333
		000/00:50:33.333
Top Label	G2EUPHAS5801-	
Bottom Label	(real-time)	
Plot Key	UVS	Type SCI
CDS Bytes	130	Report Options BOTH
		Scan Platform Yes
CDS Source	PA	Spin State DUAL
		DMS No
Observation Objective		
<div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top;"></div> <p>Observe Europa in the 1600Å to 3200Å wavelength regions at phase angles not obtainable from the Earth to supplement and complement the NIMS surface property measurements. 1 scan-platform drift across Europa in real-time at ~58° phase (~223-228 Longitude ; 44 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. The one drift will include 44 RIMs HV On / 16 RIMs HV Off for PWS time sharing. Therefore, all 44 RIMs of the 44 RIM 3-sigma drift rate is covered. UVS Configuration = F/F Full Scans</p>		
Design Detail		
<pre> CDS RIM Command Parameters ----- 28 003+UVFLUSH DISCRD,UVS 38 003 CMDRS 004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,00,00 049 45 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00 36 004 TARGET (4 RIM Posn_Slew) 28 048+UVFLUSH PACKET UVS </pre>		

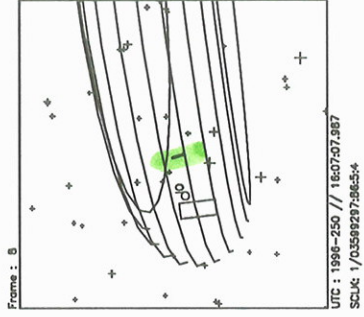
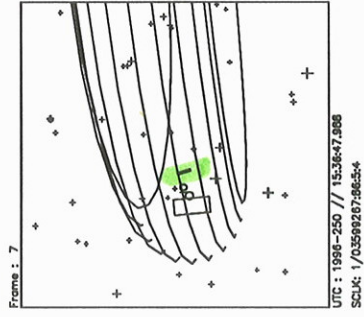
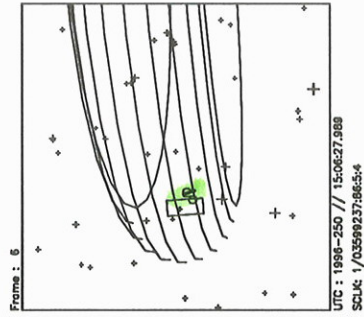
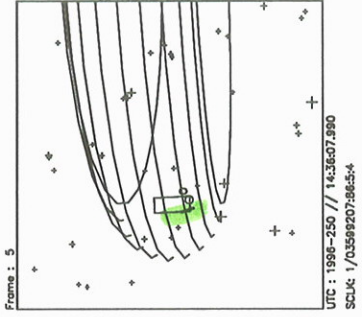
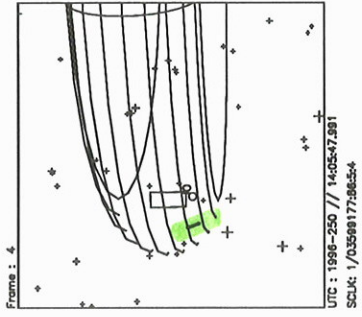
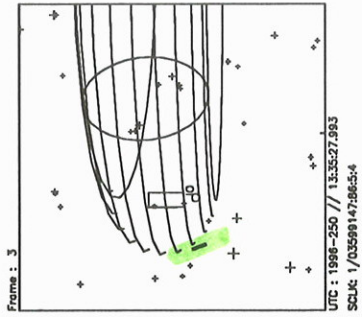
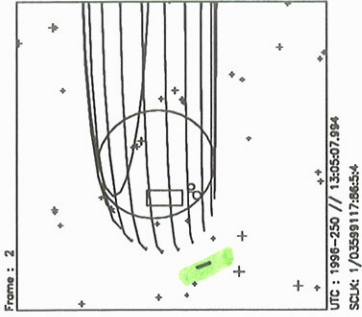
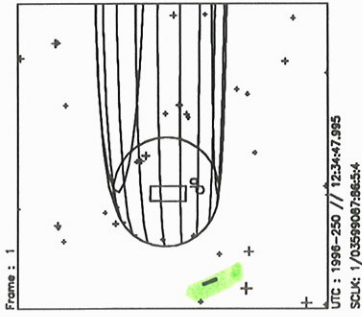
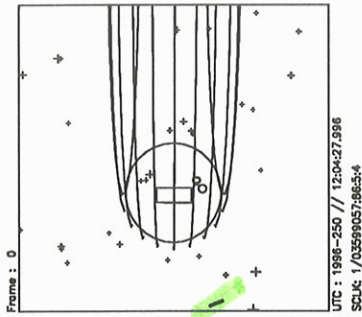


Packet @ 9:34:46

Start UTC_TIME : 1996-250 // 08:50:20.000
No End Time :
Start SCLK : 1/03598985:86:5:4

Target Body : EUROPA
Target Ra/Dec : 227.26 / -17.93 Deg
S/C to Body Center : 791767.1 Km (505.92144 Re)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

Activity ID:	Orbit G2	OAPEL IUNTRLCL	SeqNo	01-			
Title	UVS IO NEUTRAL CLOUD		Instrument	UVS			
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG		
Time System	CDS	Load ID	G2A	Calendar Date	09/06/96	Week	36
Start	GTE-CDS 415:00:0		96-250/12:00:32.667		GTE-000/06:59:36.666		
End	GTE-CDS 171:00:0		96-250/16:07:15.333		GTE-000/02:52:54.000		
Duration	00000244:00:0		000/04:06:42.666		000/04:06:42.666		
Top Label	G2IUNTRLCL01-						
Bottom Label	(real-time)						
Plot Key	UVS	Type	SCI				
CDS Bytes	294	Report Options	BOTH	Scan Platform	Yes		
CDS Source	PA	Spin State	DUAL	DMS	No		
Observation Objective							
<div style="border: 1px solid black; width: 150px; height: 100px; display: inline-block; vertical-align: top;"></div> <p>~4 hour UVS real-time Io Neutral Cloud observation. Determine the composition and time variation of the ionized Io neutral cloud (SO₂, SO, O, S, K, Na) to assist in the modeling of the Io plasma torus and Io atmosphere. Target s/p ~100000km off the satellite surface and allow s/c motion to drift the FOV onto Io over a ~240 RIM period. 50/50 observation time sharing w/PWS. UVS Configuration = 1/2 22-step 2-posn on 1356/1479 = 1/2 1-step 2-posn on 1356/1339A = F/G Full Scans while on Io</p>							
Design Detail							
CDS RIM	Command Parameter						
56	002	OPTRTM	UVS = 'SELECT'				
28	003	+UVFLUSH	DISCRD,UVS				
136	003	CMDRS					
004	1	34UVS	D3,F,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,B3,4D,00,51	1356/1479	
034	31	34UVS	C1,F,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,BE,05,04,0B	1356/1339	
064	61	34UVS	D2,F,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,B3,4D,00,51	1356/1479	
094	91	34UVS	C1,F,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,BE,05,04,0B	1356/1339	
124	121	34UVS	D3,F,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,B3,4D,00,51	1356/1479	
154	151	34UVS	C1,F,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,BE,05,04,0B	1356/1339	
184	181	34UVS	07,S,N,N,N,S,0,ON,OFF,	ON,	ON,OFF,NOOVR,1,00,9C,01,2C	F/G Full	
214	211	34UVS	C1,F,N,N,N,S,0,OFF,OFF,	ON,	ON,OFF,NOOVR,1,BE,05,04,0B	1356/1339	
244	241	34UVS	C1,F,N,N,N,S,0,OFF,OFF,	ON,	OFF,OFF,NOOVR,1,2C,05,00,00	HV off	
36	004	TARGET	{4 RIM Posn_Slew}				
38	244	OPTRTM	UVS = 'EXCLUDE'				

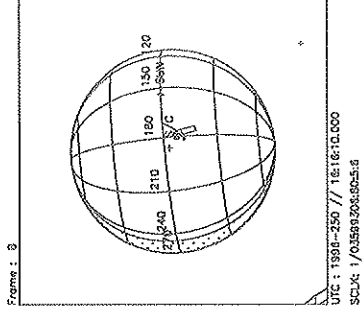
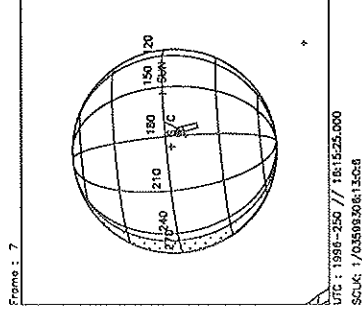
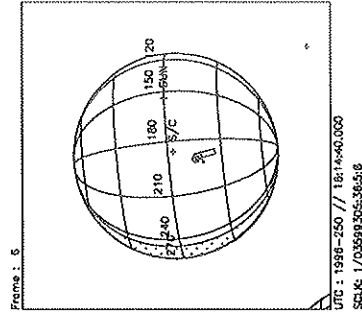
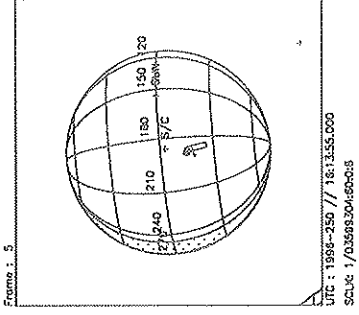
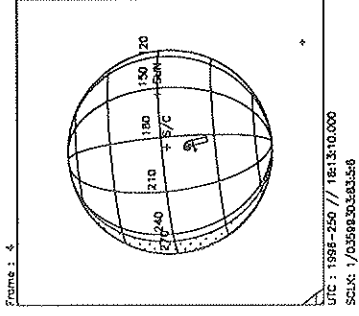
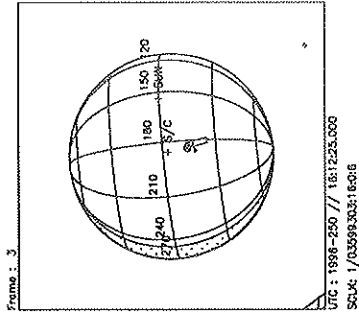
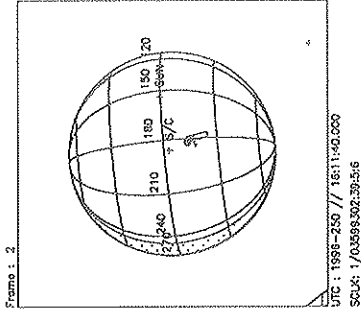
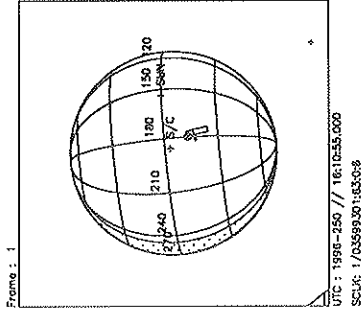
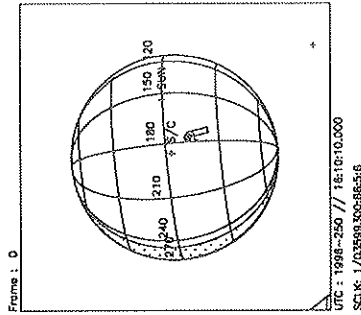


Start UTC_TIME : 1996-250 // 12:04:28.000
 No End Time :
 Start SCLK : 1/03599057:86:5:4

Target Body : JUPITER
 Target Ra/Dec : 253.45/-23.90 Deg
 S/C to Body Center : 1263016. Km (17.666538 Rj)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

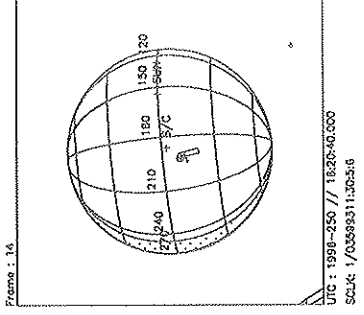
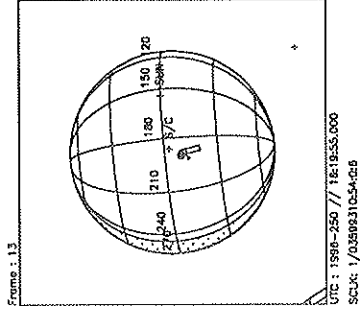
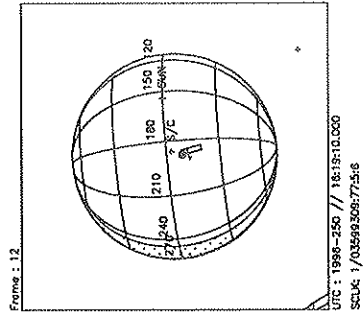
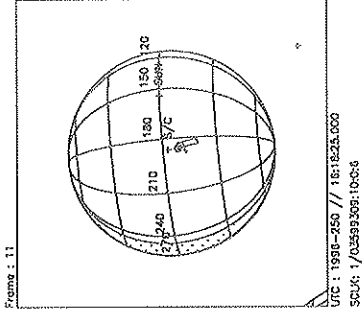
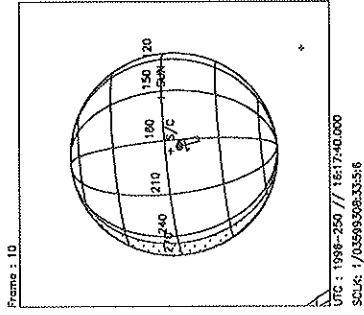
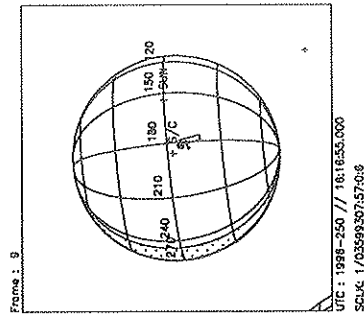
Activity ID:	Orbit G2	OAPEL GUSIPPAR	SeqNo	01+			
Title	GANYMEDE REGION MAP		Instrument	UVS			
Requestor	UVS-SWG/J. AIELLO X37737	Team	UVS	Working Group	SWG		
Time System	CDS	Load ID	G2A	Calendar Date	09/06/96	Week	36
Start	GTE-CDS 171:00:0		96-250/16:07:15.333		GTE-000/02:52:54.000		
End	GTE-CDS 157:00:0		96-250/16:21:24.667		GTE-000/02:38:44.666		
Duration	00000014:00:0		000/00:14:09.334		000/00:14:09.334		
Top Label	G2GUSIPPAR01						
Bottom Label	(ride-along)						
Plot Key	UVS	Type	SCI				
CDS Bytes	38	Report Options	BOTH	Scan Platform	Yes		
CDS Source	PA	Spin State	DUAL	DMS	No		
Observation Objective							
		Ride-along with NIMS observation to study the distribution of compositional elements in a regional context on the surface of Ganymede at high spatial and spectral resolutions.					
Design Detail							
CDS	RIM	COMMAND					
---	---	-----					
38	003	CMDRS					
	004	34UVS,07,S,N,N,N,S,0,ON,OFF,OFF,ON,OFF,NOOVR,1,00,9C,00,00					
	014	34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NOOVR,1,2C,05,00,00					

38	TOTAL BYTES						



Start UTC_TIME : 1996-250 // 16:10:10.000
End UTC_TIME : 1996-250 // 16:21:18.000
Start SCLK : 1/03599300:86:5:6
Delta Time between FOV : 45.00000
FOVs : F Channel(0.1x0.4)

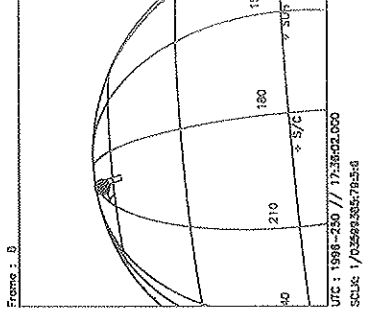
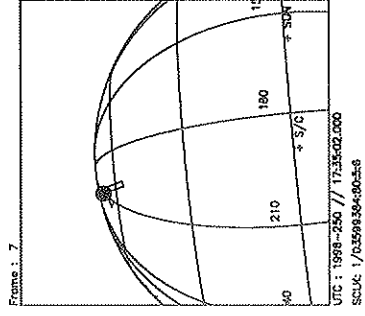
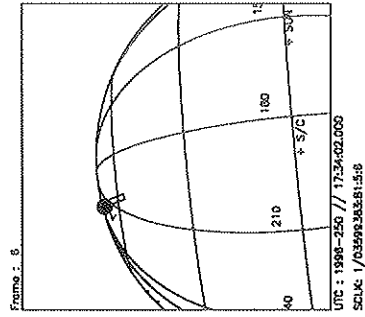
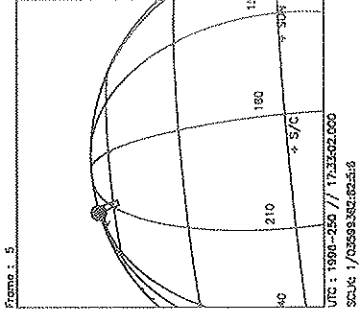
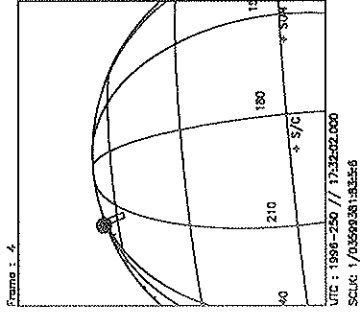
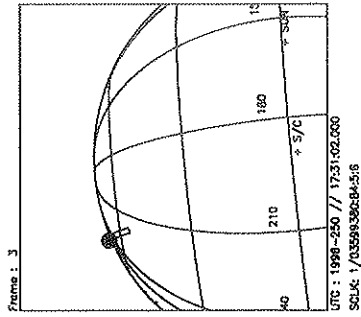
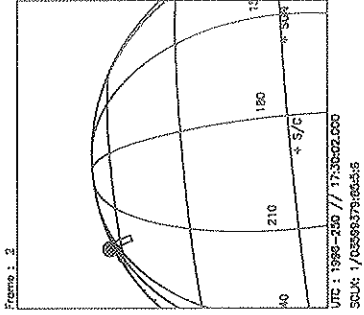
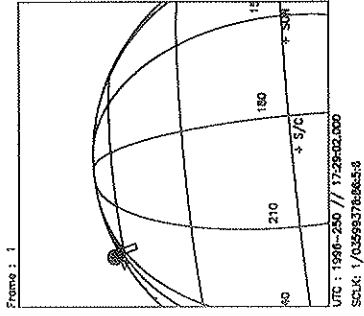
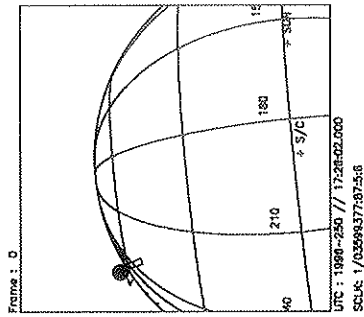
Target Body : GANYMEDE
Target Ra/Dec : 255.76 / -20.48 Deg
S/C to Body Center : 77294.06 Km (29.344745 Rg)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg



Start UTC_TIME : 1996-250 // 16:10:10.000
End UTC_TIME : 1996-250 // 16:21:18.000
Start SCLK : 1/03599300:86:5:6
Delta Time between FOV : 45.00000
FOVs : F Channel(0.1x0.4)

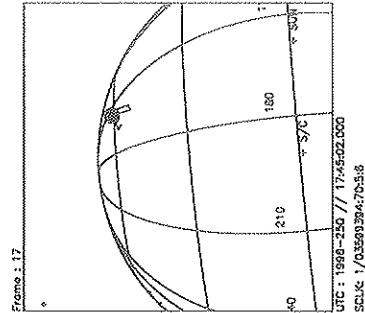
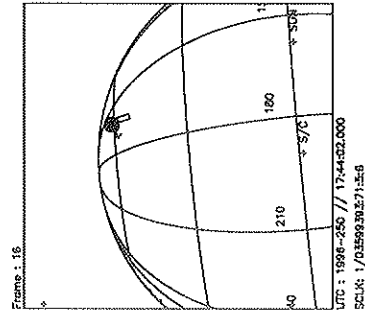
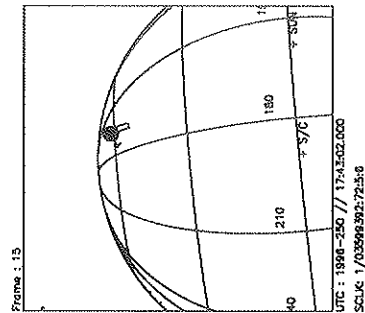
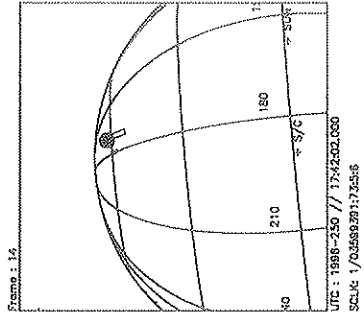
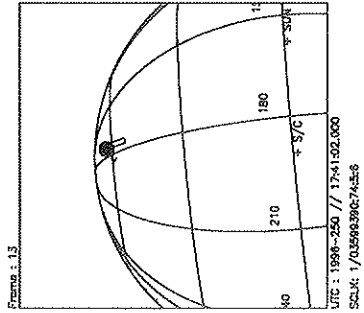
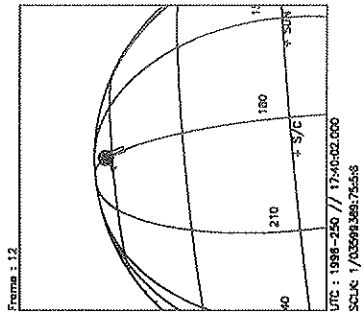
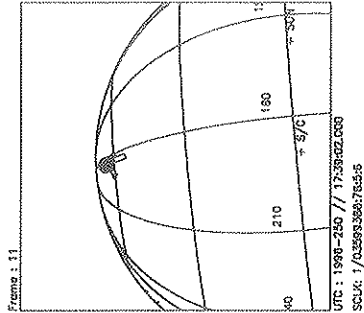
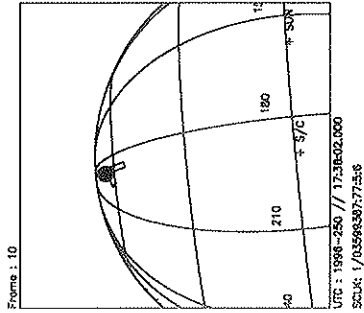
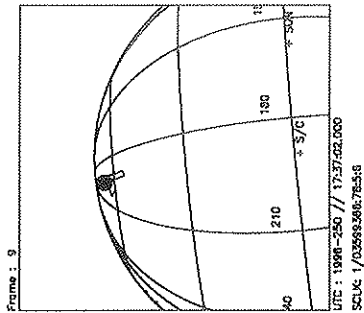
Target Body : GANYMEDE
Target Ra/Dec : 255.77/-20.57 Deg
S/C to Body Center : 74215.51 Km (28.175972 Rg)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

Activity ID: Orbit G2	OAPEL GUNRPOLE	SeqNo 01+
Title UVS NIMS NRPOLE R/A		Instrument UVS
Requestor UVS-SWG/K.NAVIAUX 37740	Team UVS	Working Group SWG
Time System CDS	Load ID G2A	Calendar Date 09/06/96 Week 36
Start GEE-CDS 92:14:0	96-250/17:26:58.667	GEE-000/01:33:10.666
End GEE-CDS 70:14:0	96-250/17:49:13.333	GEE-000/01:10:56.000
Duration 00000022:00:0	000/00:22:14.666	000/00:22:14.666
Top Label G2GUNRPOLE01+		
Bottom Label (ride-along)		
Plot Key UVS	Type SCI	
CDS Bytes 38	Report Options BOTH	Scan Platform No
CDS Source PA	Spin State DUAL	DMS No
Observation Objective		
	Ride-along w/ NIMS Ganymede North Pole Observation. Extend the surface scattering property measurements into the ultraviolet (1600Å - 3200Å) in concert with NIMS measurements to infer information about particle size, and refractive and absorption properties of the surface materials. UVS Configuration = F/F Full Scans	
CDS RIM Command Parameters	Design Detail	
38 000 CMDRS		
001 1 34UVS,07,S,N,N,N,S,0, ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00		
021 21 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		



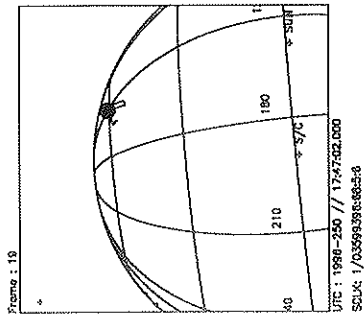
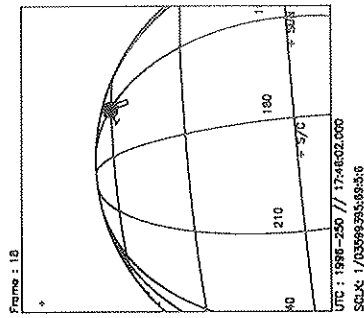
Start UTC_TIME : 1996-250 // 17:28:02.000
End UTC_TIME : 1996-250 // 17:47:14.000
Start SCLK : 1/03599377:87:5:8
Delta Time between FOV : 60.00000
FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
Target Cone/Clock : 159.06 / 94.31 Deg
S/C to Body Center : 41894.55 Km (15.905295 Rg)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg



Start UTC_TIME : 1996-250 // 17:28:02.000
End UTC_TIME : 1996-250 // 17:47:14.000
Start SCLK : 1/035993377:87:5:6
Delta Time between FOV : 60.000000
FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
Target Cone/Clock : 159.18 / 93.09 Deg
S/C to Body Center : 37817.16 Km (14.357313 Rg)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

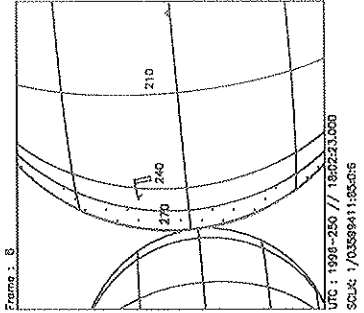
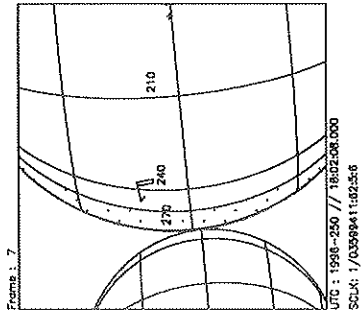
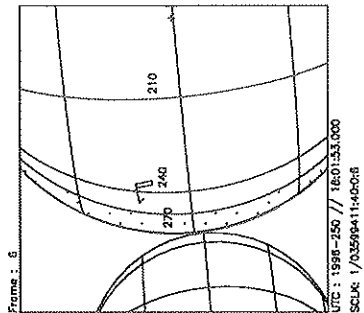
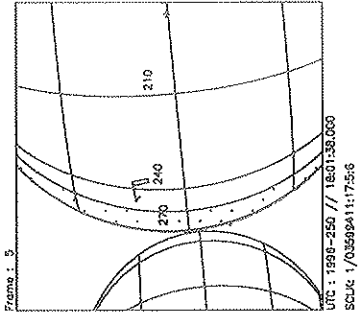
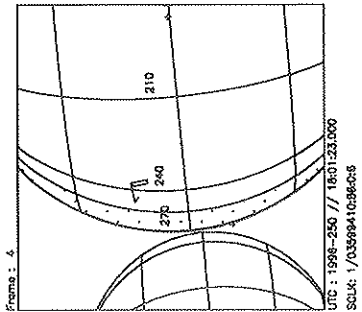
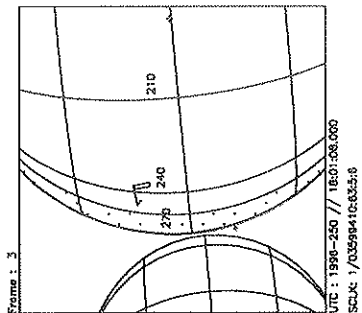
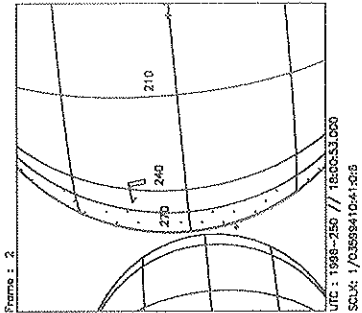
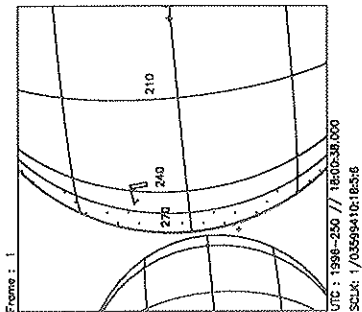
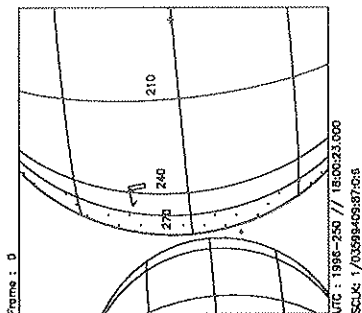


Start UTC_TIME : 1996-250 // 17:28:02.000
 End UTC_TIME : 1996-250 // 17:47:14.000
 Start SCLK : 1/03599377:87:5:6
 Delta time between FOV : 60.00000
 FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
 Target Cone/Clock : 159.32/ 91.56 Deg
 S/C to Body Center : 33742.71 Km (12.810446 Rg)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

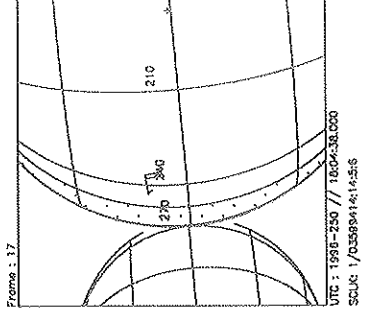
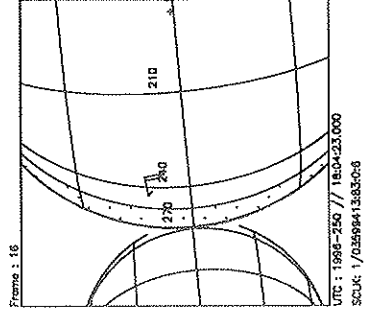
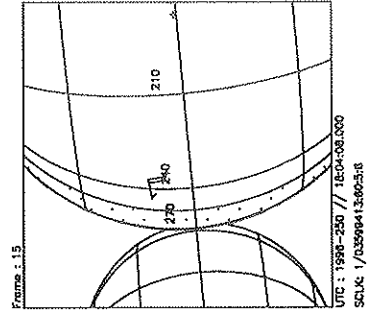
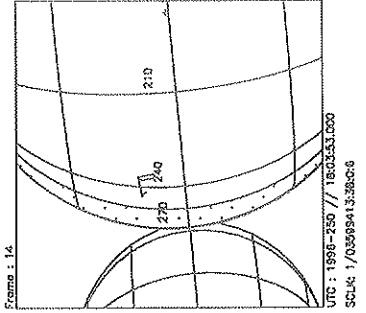
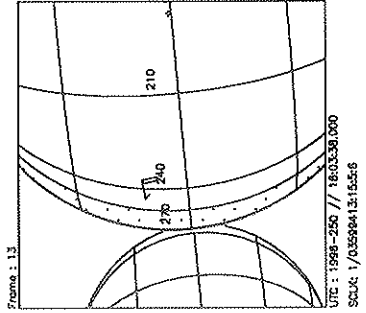
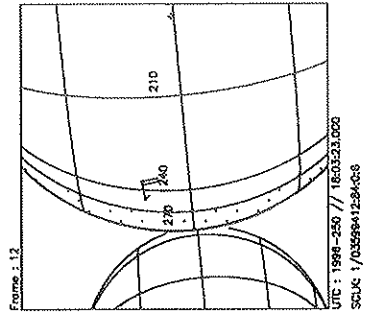
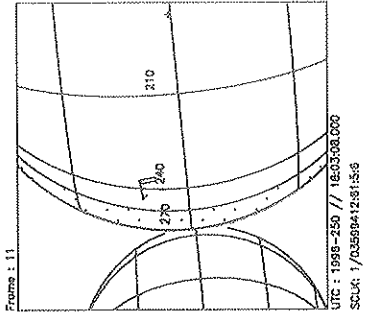
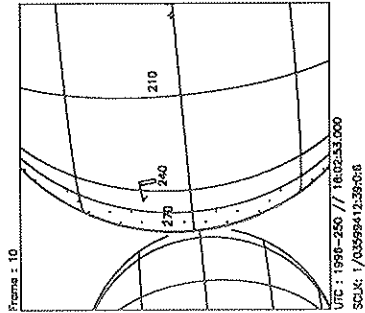
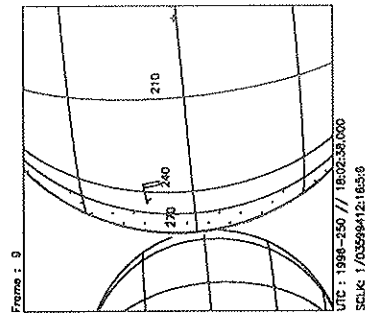
Activity ID: Orbit G2	OAPEL GUTAMMUZ	SeqNo 01+
Title	UVS NIMS TAMMUZ CRATER R/A	Instrument UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team UVS
		Working Group SWG
Time System CDS	Load ID G2A	Calendar Date 09/06/96
		Week 36
Start	GTE-CDS 63:08:0	96-250/17:56:22.000
		GTE-000/01:03:47.333
End	GTE-CDS 50:08:0	96-250/18:09:30.667
		GTE-000/00:50:38.666
Duration	00000013:00:0	000/00:13:08.667
		000/00:13:08.667
Top Label	G2GUTAMMUZ01+	
Bottom Label	(ride-along)	
Plot Key	UVS	Type SCI
CDS Bytes	38	Report Options BOTH
		Scan Platform No
CDS Source	PA	Spin State DUAL
		DMS No
Observation Objective		
	Ride-along w/ NIMS Ganymede Tammuz Crater observation. Extend the surface scattering property measurements into the ultraviolet (1600Å - 3200Å) in concert with NIMS measurements to infer information about particle size, and refractive and absorption properties of the surface materials. UVS Configuration = F/F Full Scans	
Design Detail		
CDS RIM Command Parameter		

38 003 CMDRS		
004 1	34UVS,07,S,N,N,N,S,0, ON,OFF,OFF, ON,OFF,NOOVR,1,00,9C,00,00	
012 9	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00	



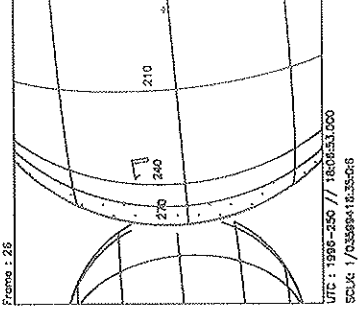
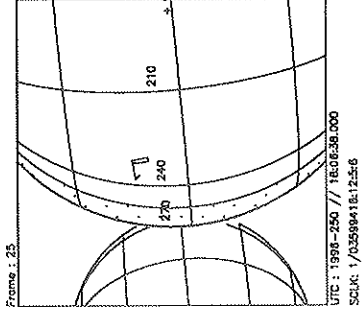
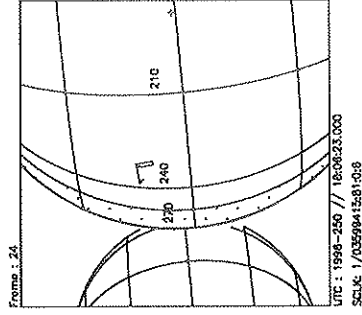
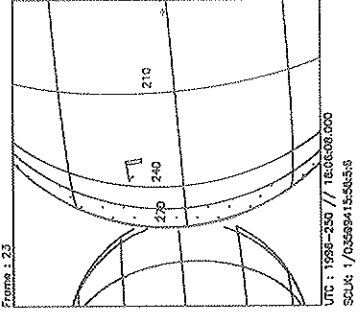
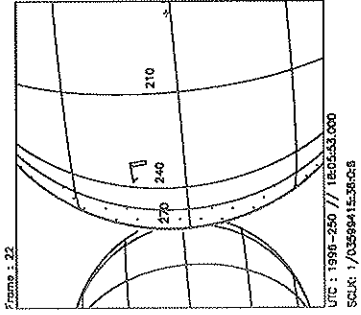
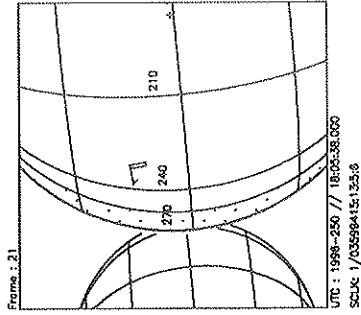
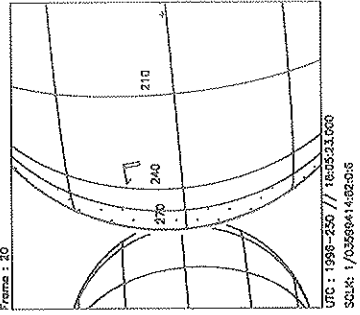
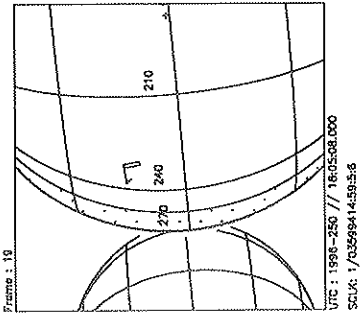
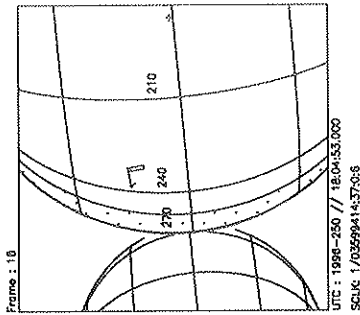
Start UTC_TIME : 1996-250 // 18:00:23.000
End UTC_TIME : 1996-250 // 18:09:29.000
Start SCLK : 1/03599409:87:0:5
Delta Time between FOV : 15.00000
FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
Target Cone/Clock : 159.57 / 88.12 Deg
S/C to Body Center : 27253.63 Km (10.346861 Rg)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg



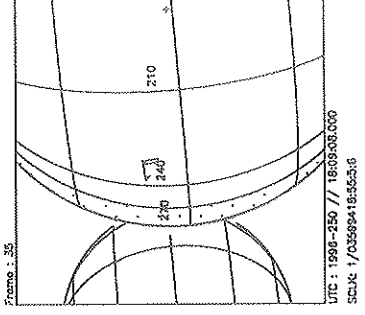
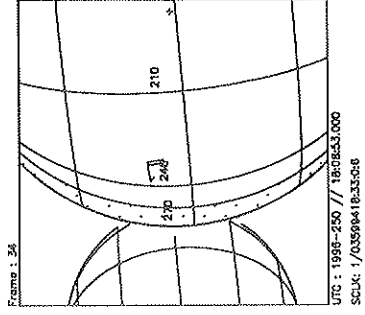
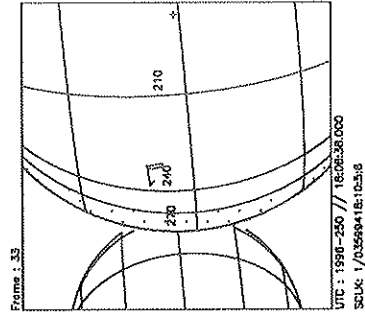
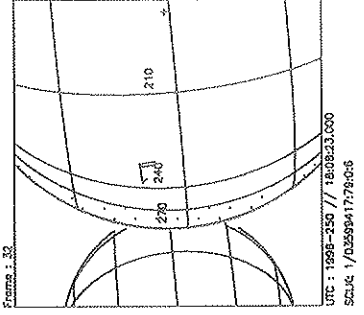
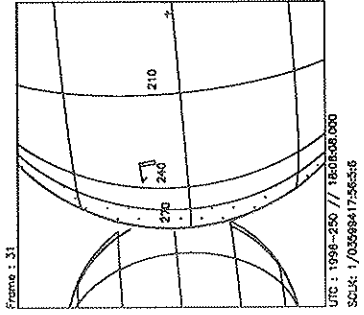
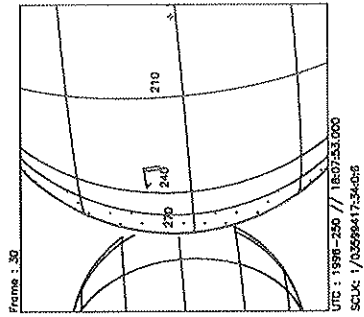
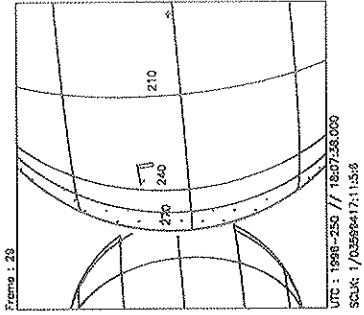
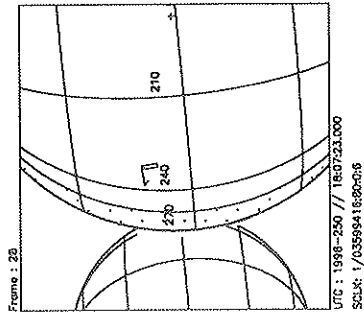
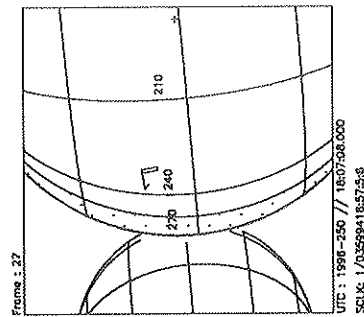
Start UTC_TIME : 1996-250 // 18:00:23.000
 End UTC_TIME : 1996-250 // 18:09:29.000
 Start SCLK : 1/03599409:87:0:5
 Delta Time between FOV : 15.00000
 FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
 Target Cone/Clock : 159.62 / 87.41 Deg
 S/C to Body Center : 26237.24 Km (9.9609865 Rg)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg



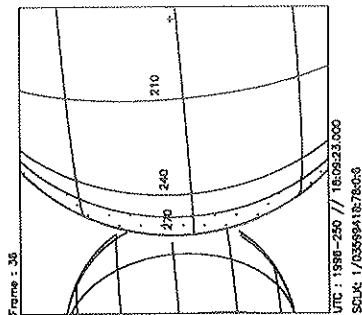
Start UTC_TIME : 1996-250 // 18:00:23.000
 End UTC_TIME : 1996-250 // 18:09:29.000
 Start SCLK : 1/03599409:07:0:6
 Delta Time between FOV : 15.00000
 FOVs : F Channel(0.1x0.4)

Target Body : GANYMEDE
 Target Cone/Clock : 159.66 / 86.65 Deg
 S/C to Body Center : 25221.21 Km (9.5752512 Rg)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg



Start UTC_TIME : 1996-250 // 18:00:23.000
 End UTC_TIME : 1996-250 // 18:09:29.000
 Start SCLK : 1/03599409:87:0:6
 Delta Time between FOV : 15.00000
 FOVs : F Channel(0.1x0.4)

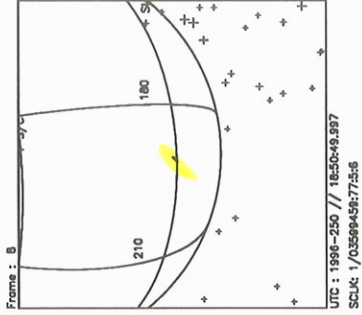
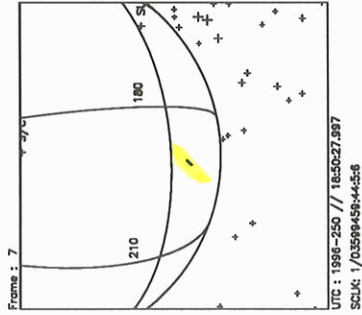
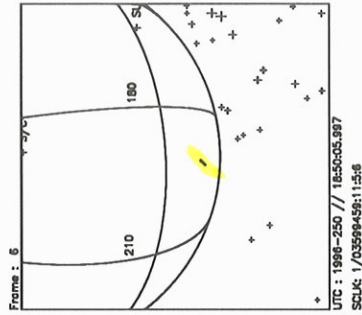
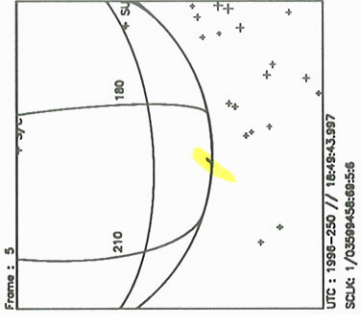
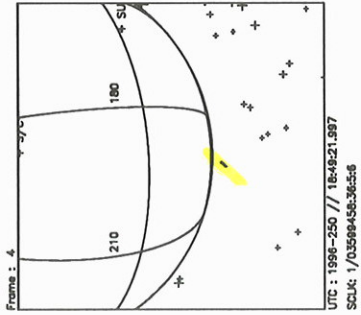
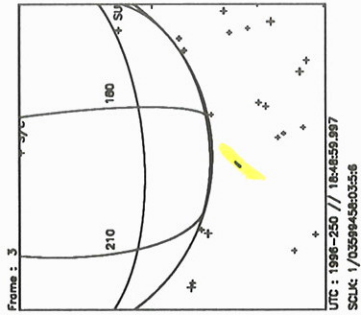
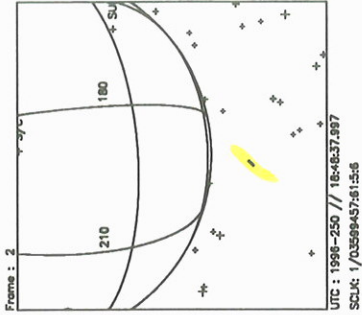
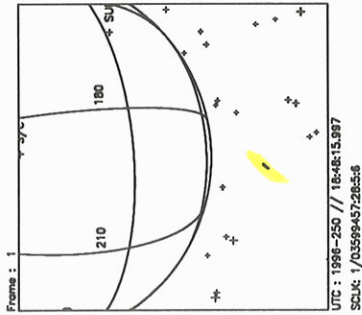
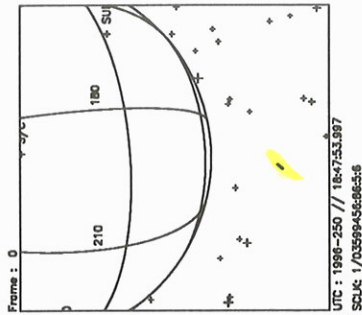
Target Body : GANYMEDE
 Target Cone/Clock : 159.70 / 85.81 Deg
 S/C to Body Center : 24205.59 Km (S.1896714 Rg)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg



Start UTC_TIME : 1996-250 // 18:00:23.000
 End UTC_TIME : 1996-250 // 18:09:29.000
 Start SCLK : 1/03559409:87:0:6
 Delta Time between FOV : 15.00000
 FOVs : F_Channel(0.ix0.4)

Target Body : GANYMEDE
 Target Cone/Clock : 159.75 / 84.91 Deg
 S/C to Body Center : 23190.44 Km (8.8042665 Rg)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

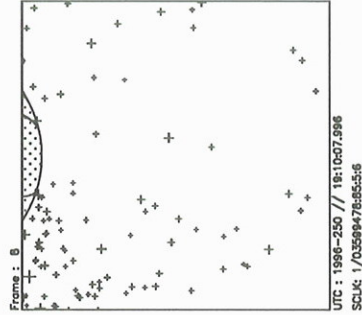
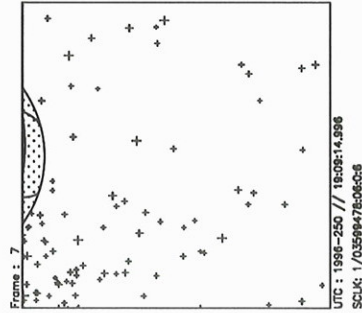
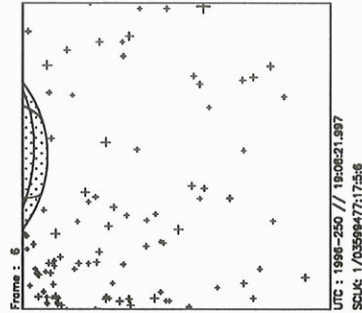
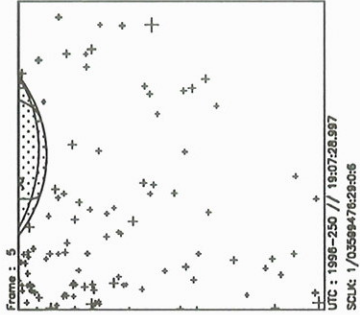
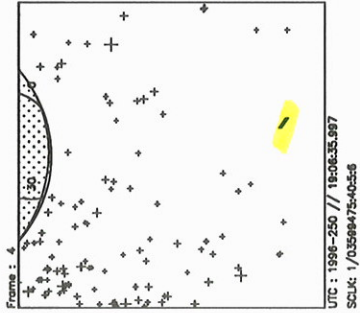
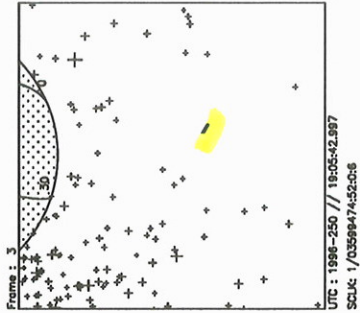
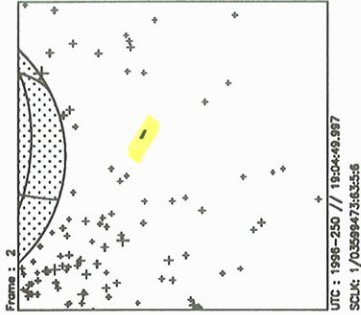
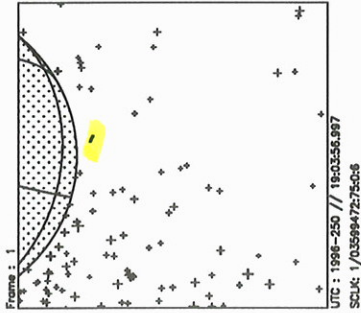
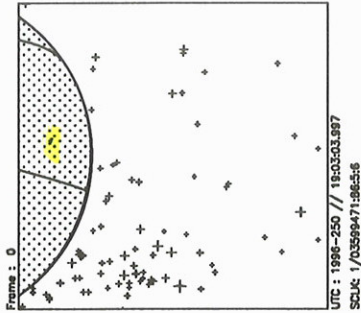
Activity ID:	Orbit G2	OAPEL	GUBRTLMB	SeqNo	02-
Title	UVS GANYMEDE BRIGHT LIMB (OH)			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G2A	Calendar Date	09/06/96
				Week	36
Start	GTE-CDS 13:00:0		96-250/18:47:00.667		GTE-000/00:13:08.666
End	GTE-CDS 9:00:0		96-250/18:51:03.333		GTE-000/00:09:06.000
Duration	00000004:00:0		000/00:04:02.666		000/00:04:02.666
Top Label	G2GUBRTLMB02-				
Bottom Label	(recorded)				
Plot Key	UVS	Type	SCI		
CDS Bytes	92	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	Yes
Observation Objective					
<div style="display: flex; align-items: flex-start;"> <div style="border: 1px solid black; width: 200px; height: 150px; margin-right: 10px;"></div> <div> <p>Measure the altitude distribution of volatiles near the sub-solar point to determine the escape rates from the Jovian satellites when the atmosphere is in full solar illumination. Search for outgassing of OH (3019.9 - 3114.2 Å) using the UVS N-Channel. 4 RIM Ganymede Bright Limb Drift observation (1 RIM target slew + 3 RIM recorded data). Target s/p to ~1000 Km off satellite limb and allow s/c motion to drift FOV onto the bright limb sub-solar point. Note, this observation is recorded at 28.8 kbps (MPW) to allow both NIMS and PWS to ride-along. UVS Configuration = N/N 1-posn 33-step on OH</p> </div> </div>					
CDS RIM Command Parameter			Design Detail		
38	000	CMDRS			
	001	1	34UVS,D7,F,N,N,N,S,0,OFF, ON,OFF, ON,OFF,NOOVR,1,78,50,00,00		
	004	4	34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,00,00		
18	001	SCIREC			
36	001	TARGET	(1 RIM Posn_Slew)		



Start UTC_TIME : 1996-250 // 18:47:54.000
No End Time :
Start SCLK : 1/03599456:86:5:6

Target Body : GANYMEDE
Target Ra/Dec : 258.67 / -47.45 Deg
S/C to Body Center : 6157.784 Km (2.3378071 Rg)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

Activity ID:	Orbit G2	OAPEL	GUDRKLMB	SeqNo	01-
Title	UVS GANYMEDE DARK LIMB			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G2A	Calendar Date	09/06/96
				Week	36
Start	GTE-CDS 1:00:0		96-250/18:59:08.667		GTE-000/00:01:00.666
End	GTE+CDS 10:00:0		96-250/19:10:15.999		GTE+000/00:10:06.666
Duration	00000011:00:0		000/00:11:07.332		000/00:11:07.332
Top Label	G2GUDRKLMB01-				
Bottom Label	(recorded)				
Plot Key	UVS	Type	SCI		
CDS Bytes	74	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	Yes
Observation Objective					
<div style="border: 1px solid black; width: 150px; height: 150px; display: inline-block; vertical-align: top;"></div> <p>Measure the altitude distribution of volatiles off the dark limb to determine the particle impact excitation emission rates from the Jovian satellites. PWS Quiet Mode for G2 c/a. 11 RIM Ganymede Dark Limb Drift observation (4 RIM target slew + 7 RIM recorded data). Target s/p to satellite dark limb and allow s/c motion to drift the FOV to -1 Rg off the dark limb. UVS Configuration = G/G 2-posn 1-step center @ 1215.5Å ; background @ 1229.0Å</p>					
Design Detail					
<pre> CDS RIM Command Parameter ----- 38 003 CMDRS 004 1 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON, ON,OFF,NOOVR,1,62,05,00,09 011 8 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00 use FPG LPW recording around c/a -> no SCITLMs needed) 0 SCIREC (use FPG continuous recording around c/a to record data -> no SCIREC needed) 36 004 TARGET (4 RIM Posn_Slew) 0 </pre>					



Start UTC_TIME : 1996-250 // 19:03:04.000
 No End Time :
 Start SCLK : 1/03599471:86:5:6

Target Body : GANYMEDE
 Target Ra/Dec : 70.86 / -36.85 Deg
 S/C to Body Center : 3302.204 Km (1.2536840 Rg)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

UVS IO ECLIPSE (INGRESS)

ACTIVITY ID: G2IUIECLPS01-

START TIME: 96-251/21:44:47.333

Activity ID:	Orbit G2	OAPEL IUIECLPS	SeqNo	01-			
Title	UVS IO ECLIPSE (INGRESS)		Instrument	UVS			
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG		
Time System	CDS	Load ID	G2A	Calendar Date	09/07/96	Week	36
Start	GEE+CDS 1587:00:0		96-251/21:44:47.333		GEE+001/02:44:38.000		
End	GEE+CDS 1600:00:0		96-251/21:57:55.999		GEE+001/02:57:46.666		
Duration	00000013:00:0		000/00:13:08.666		000/00:13:08.666		
Top Label	G2IUIECLPS01-						
Bottom Label	(real-time)						
Plot Key	UVS	Type	SCI				
CDS Bytes	130	Report Options	BOTH	Scan Platform	Yes		
CDS Source	PA	Spin State	DUAL	DMS	No		
Observation Objective							
<div style="border: 1px solid black; padding: 5px;"> <p>UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io enters and exits eclipse. Determine if the source of the change is due to: 1) a change in the lower atmospheric composition as it cools (ie. SO2 condensation); or 2) a potential change in the excitation mechanism if solar photoexcitation is dominant over particle impact. G2IUIECLPS01- = Io eclipse ingress measurement. 2 scan-platform drifts across Io in real-time (28 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done prior to eclipse ingress and 1 after eclipse ingress due to PWS time sharing. Each drift will include 28 RIMs HV On / 2 RIMs HV Off for PWS time sharing. UVS Configuration = F/G Full Scans</p> </div>							

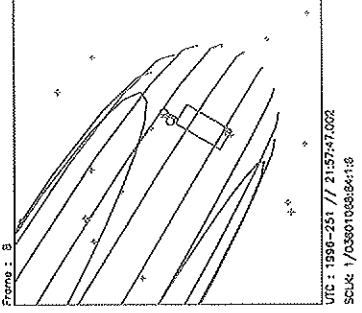
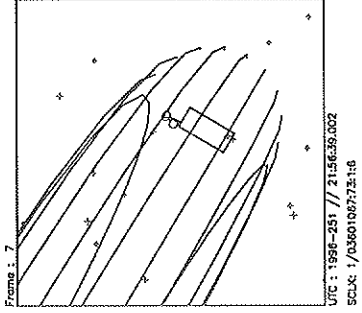
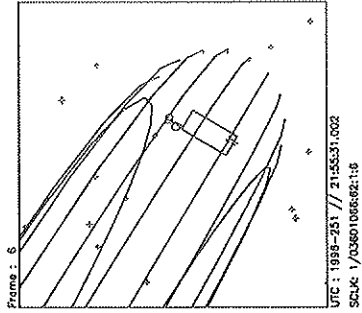
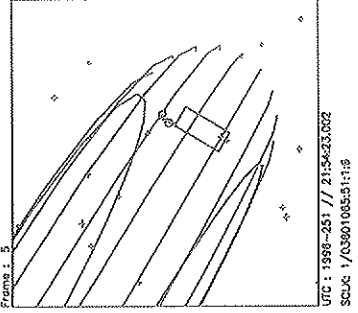
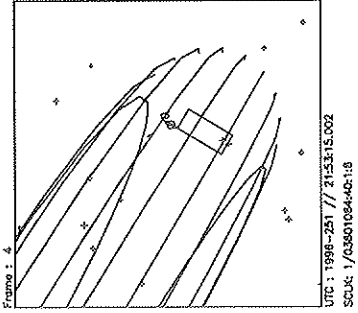
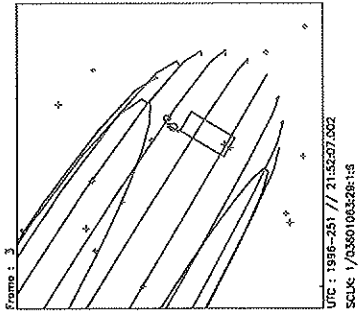
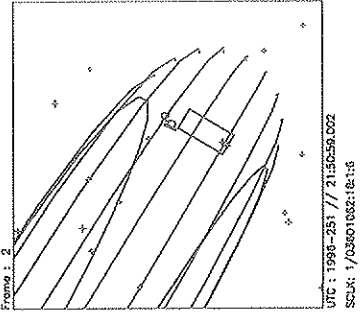
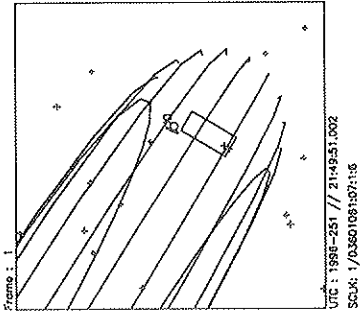
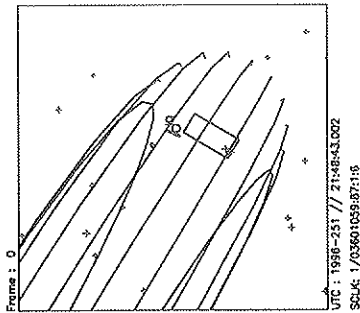
CDS RIM Command Paramter

Design Detail

```

28 003+UVFLUSH DISCRD,UVS
36 004 TARGET (4 RIM Posn_Slew)
38 003 CMDRS
004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C
013 10 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00
28 011+UVFLUSH (Packet, UVS)

```

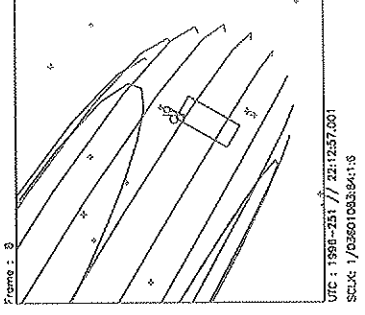
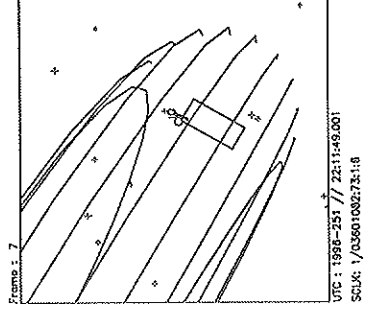
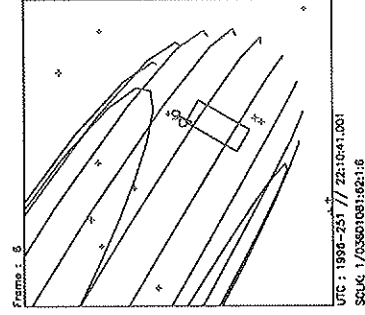
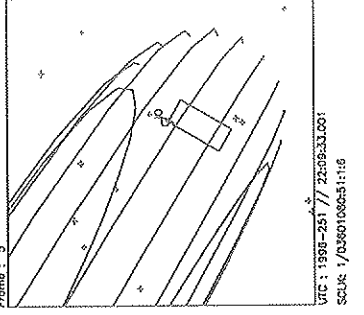
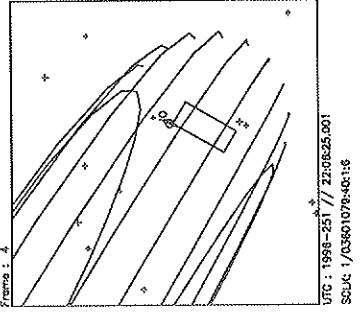
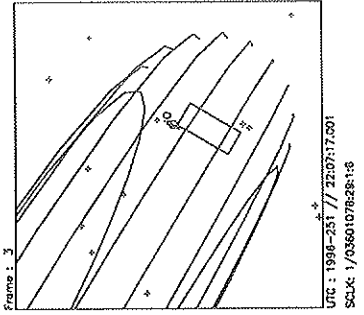
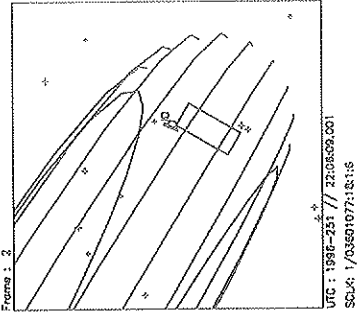
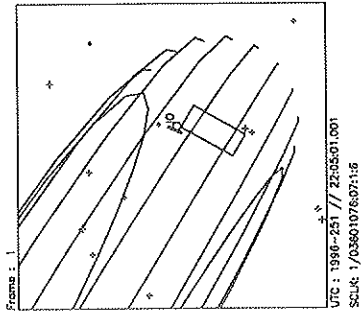
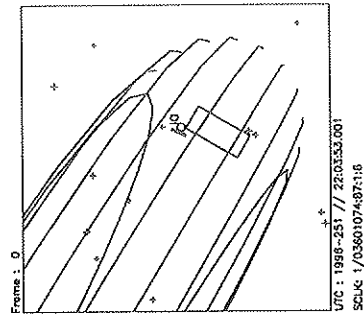


Packet @ 21:57:41

Start UTC_TIME : 1996-251 // 21:48:43.000
 No End Time :
 Start SCLK : 1/03601059:87:1:6

Target Body : JUPITER
 Target Ra/Dec : 12.74 / 6.44 Deg
 S/C to Body Center : 835336.0 Km (11.684328 Rj)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

Activity ID: Orbit G2	OAPEL IUIECLPS	SeqNo	02-
Title	UVS IO ECLIPSE (EGRESS)	Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS
		Working Group	SWG
Time System	CDS	Load ID	G2A
		Calendar Date	09/07/96
		Week	36
Start	GEE+CDS 1602:00:0	96-251/21:59:57.333	GEE+001/02:59:48.000
End	GEE+CDS 1615:00:0	96-251/22:13:05.999	GEE+001/03:12:56.666
Duration	00000013:00:0	000/00:13:08.666	000/00:13:08.666
Top Label	G2IUIECLPS02-		
Bottom Label	(real-time)		
Plot Key	UVS	Type	SCI
CDS Bytes	130	Report Options	BOTH
		Scan Platform	Yes
CDS Source	PA	Spin State	DUAL
		DMS	No
Observation Objective			
<div style="border: 1px solid black; padding: 5px;"> <p>UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io enters and exits eclipse. Determine if the source of the change is due to: 1) a change in the lower atmospheric composition as it cools (ie. SO2 condensation); or 2) a potential change in the excitation mechanism if solar photoexcitation is dominant over particle impact. G2IUIECLPS02- = Io eclipse egress measurement. 2 scan-platform drifts across Io in real-time (38 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done prior to eclipse ingress and 1 after eclipse ingress due to PWS time sharing. Each drift will include 38 RIMs HV On / 22 RIMs HV Off for PWS time sharing. UVS Configuration = F/G Full Scans</p> </div>			
CDS RIM Command Parameter		Design Detail	
28	003+UVFLUSH DISCRD,UVS		
36	004 TARGET (4 RIM Posn_Slew)		
38	003 CMDRS		
	004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C		
	013 10 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00		
28	012+UVFLUSH packet,UVS		



*packet @
22:12:51*

Start UTC_TIME : 1996-251 // 22:03:53.000
No End Time :
Start SCLK : 1/03601074:07:1:6

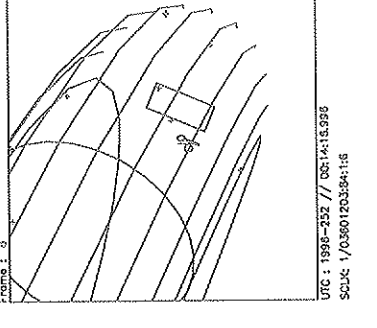
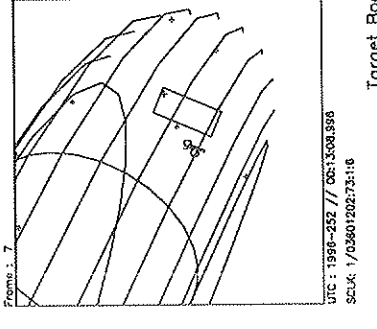
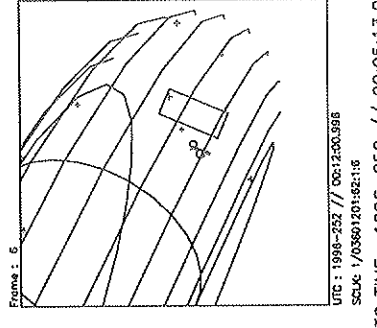
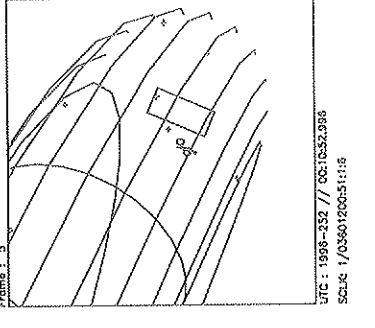
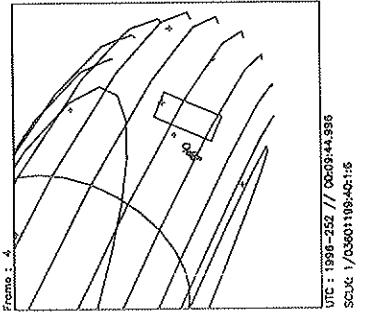
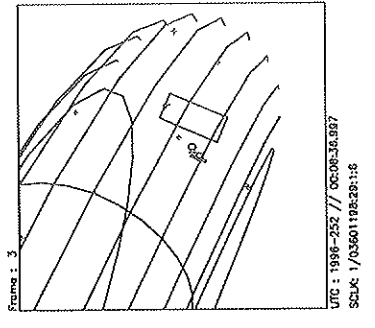
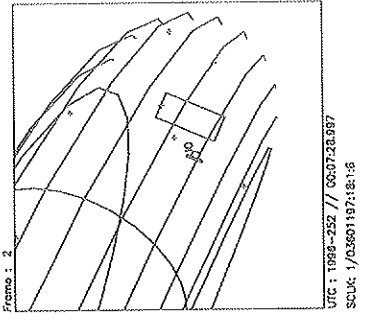
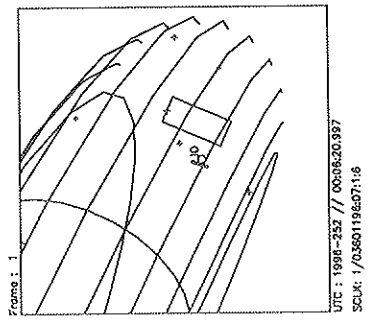
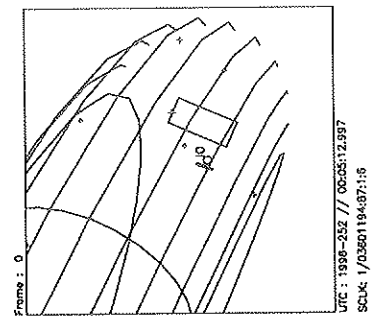
Target Body : JUPITER
Target Ra/Dec : 13.64/ 6.85 Deg
S/C to Body Center : 839638.1 Km (11.744505 Rj)
Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

UVS IO ECLIPSE (EGRESS)

ACTIVITY ID: G2IUIECLPS03-

START TIME: 96-252/00:01:17.333

Activity ID: Orbit G2	OAPEL IUIECLPS	SeqNo 03-
Title UVS IO ECLIPSE (EGRESS)	Instrument UVS	
Requestor UVS-SWG/K.NAVIAUX 37740	Team UVS	Working Group SWG
Time System CDS	Load ID G2A	Calendar Date 09/08/96 Week 36
Start GEE+CDS 1722:00:0	96-252/00:01:17.333	GEE+001/05:01:08.000
End GEE+CDS 1735:00:0	96-252/00:14:25.999	GEE+001/05:14:16.666
Duration 00000013:00:0	000/00:13:08.666	000/00:13:08.666
Top Label G2IUIECLPS03-		
Bottom Label (real-time)		
Plot Key UVS	Type SCI	
CDS Bytes 130	Report Options BOTH	Scan Platform Yes
CDS Source PA	Spin State DUAL	DMS No
Observation Objective		
<div style="border: 1px solid black; padding: 5px;"> <p>UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io enters and exits eclipse. Determine if the source of the change is due to: 1) a change in the lower atmospheric composition as it cools (ie. SO2 condensation); or 2) a potential change in the excitation mechanism if solar photoexcitation is dominant over particle impact. G2IUIECLPS02- = Io eclipse egress measurement. 2 scan-platform drifts across Io in real-time (38 RIM 3-sigma drift rate) using the UVS 10bps RPS rate. Only 1 drift will be done prior to eclipse ingress and 1 after eclipse ingress due to PWS time sharing. Each drift will include 38 RIMs HV On / 22 RIMs HV Off for PWS time sharing. UVS Configuration = F/G Full Scans</p> </div>		
Design Detail		
<pre> CDS RIM Command Parameter ----- 28 003+UVFLUSH DISCRD,UVS 36 004 TARGET (4 RIM Posn_Slew) 38 003 CMDRS 004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C 013 10 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00 28 012+UVFLUSH PACKET, UVS </pre>		



packet at 00:14:11

Start UTC_TIME : 1996-252 // 00:05:13.000
 No End Time :
 Start SCLK : 1/03601194:87:1:6

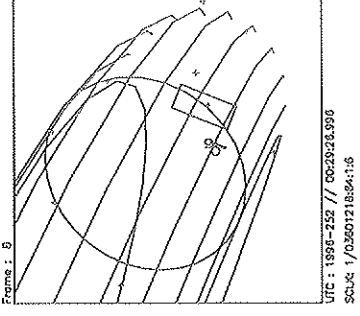
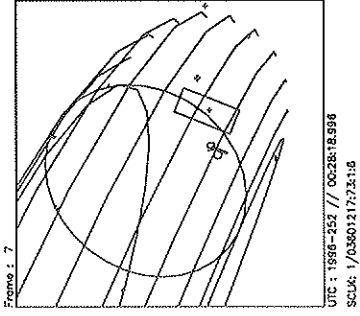
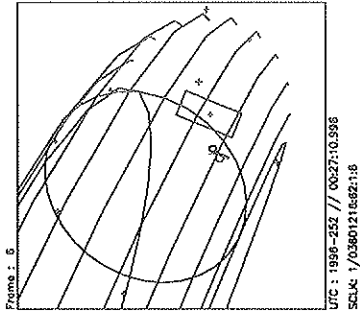
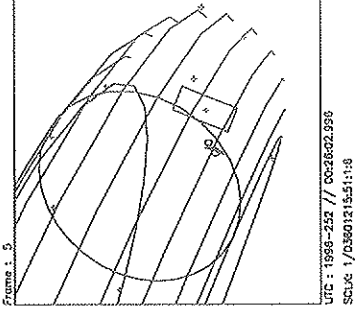
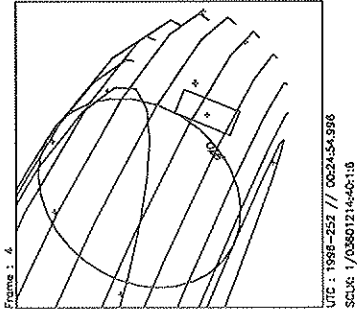
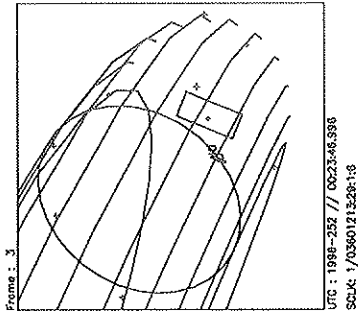
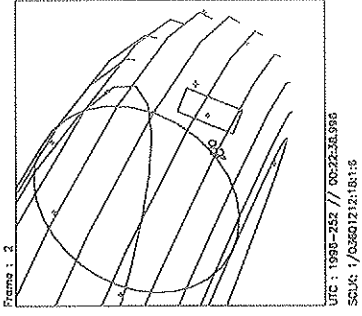
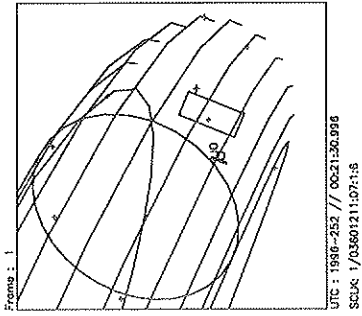
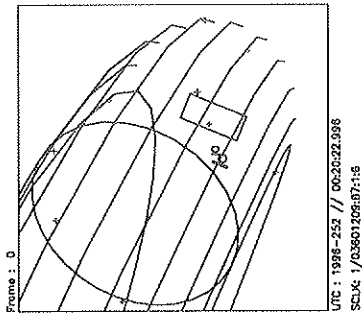
Target Body : JUPIITER
 Target Ra/Dec : 20.57 / 9.96 Deg
 S/C to Body Center : 877390.5 Km (12.272569 Rj)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg

UVS IO ECLIPSE (EGRESS)

ACTIVITY ID: G2IUIECLPS04-

START TIME: 96-252/00:16:27.333

Activity ID: Orbit G2		OAPEL IUIECLPS		SeqNo 04-	
Title	UVS IO ECLIPSE (EGRESS)			Instrument	UVS
Requestor	UVS-SWG/K.NAVIAUX 37740	Team	UVS	Working Group	SWG
Time System	CDS	Load ID	G2A	Calendar Date	09/08/96 Week 36
Start	GEE+CDS 1737:00:0		96-252/00:16:27.333		GEE+001/05:16:18.000
End	GEE+CDS 1750:00:0		96-252/00:29:35.999		GEE+001/05:29:26.666
Duration	00000013:00:0		000/00:13:08.666		000/00:13:08.666
Top Label	G2IUIECLPS04-				
Bottom Label	(real-time)				
Plot Key	UVS	Type	SCI		
CDS Bytes	130	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No
Observation Objective					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS real-time Io Eclipse observation. Characterize the change in the lower atmospheric UV airglow emissions as Io enters and exits eclipse. Determine if the source of the change is due to: 1) a change in the lower atmospheric composition as it cools (ie. SO2 condensation); or 2) a potential change in the excitation mechanism if solar photoexcitation is dominant over particle impact. G2IUIECLPS02- = Io eclipse egress measurement. 2 scan-platform drifts across Io in real-time (38 RIM 3-sigma drift rate) using the UVS 10bps RTS rate. Only 1 drift will be done prior to eclipse ingress and 1 after eclipse ingress due to PWS time sharing. Each drift will include 38 RIMs HV On / 22 RIMs HV Off for PWS time sharing. UVS Configuration = F/G Full Scans</p> </div>					
Design Detail					
<pre> CDS RIM Command Parameter ----- 28 003+UVFLUSH DISCRD,UVS 36 004 TARGET (4 RIM Posn_Slew) 38 003 CMDRS 004 1 34UVS,07,S,N,N,N,S,0, ON,OFF, ON, ON,OFF,NOOVR,1,00,9C,01,2C 013 10 34UVS,C1,F,N,N,N,S,0,OFF,OFF, ON,OFF,OFF,NOOVR,1,2C,05,00,00 28 012+UVFLUSH PACKET,UVS </pre>					



Packet @ 00:01:21

Start UTC_TIME : 1996-252 // 00:20:23.000
 No End Time :
 Start SCLK : 1/03601209:07:18

Target Body : JUPITER
 Target Ra/Dec : 21.40 / 10.32 Deg
 S/C to Body Center : 882492.8 Km (12.343937 Rj)
 Z-axis Pointing (Ra / Dec) : 98.60 / 25.00 Deg