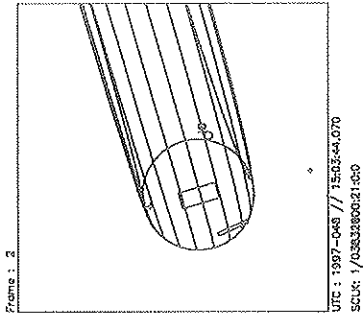
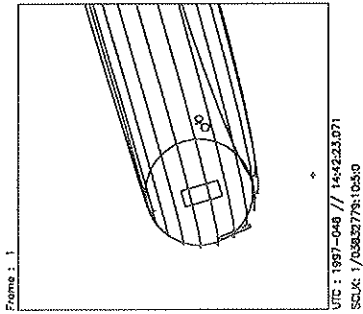
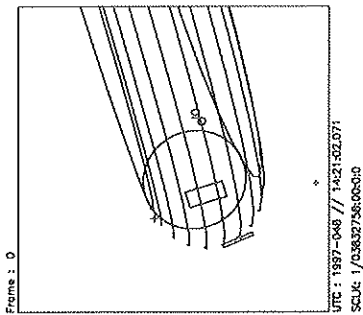
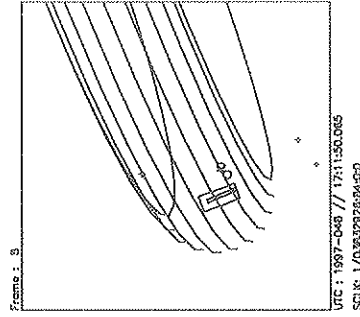
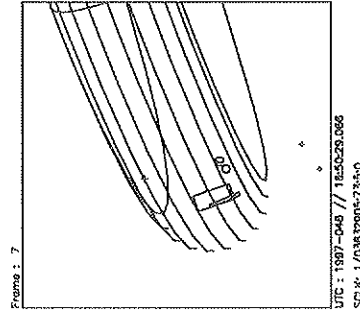
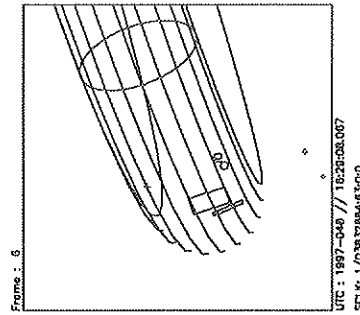
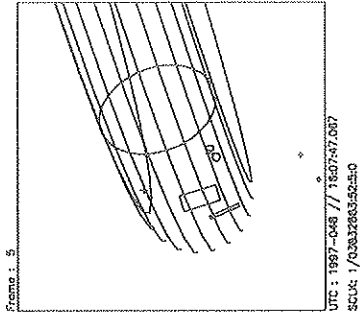
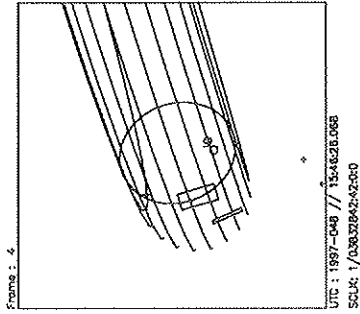
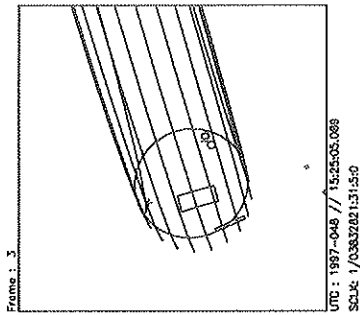


<b>Activity ID:</b>	Orbit E6	<b>OAPEL</b> TUE6MANS	<b>SeqNo</b>	01-
<b>Title</b>	UVS/EUV MDNT ANSA MAP 1, LO RATE E6 INBD		<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b> MWG
<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b> 02/17/97 <b>Week</b> 7
<b>Start</b>	JEE-CDS 00004664:00:0		97-048/14:17:03.267	JEE-003/06:35:49.333
<b>End</b>	JEE-CDS 00004540:00:0		97-048/16:22:25.934	JEE-003/04:30:26.666
<b>Duration</b>	00000124:00:0		000/02:05:22.667	000/02:05:22.667
<b>Top Label</b>	E6TUE6MANS01-			
<b>Bottom Label</b>	(UVS/EUV RTS Torus)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	214	<b>Report Options</b>	BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b> No
<b>Observation Objective</b>				
<p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 1, LOW RATE, E6 INBOUND:                  From: 6.66 Rj (inside Europa) at cone 90 (ribbon at 5.76 Rj, Sys III W Long 88)                  To: 6.07 Rj at cone 90                  Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV                  OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                  UVS/EUV deselected; thus, 60-RIM UVFLUSHes needed to PACKET BOTH, after initial DISCRD                  WAVELENGTHS (Angstroms):                  Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)                  2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],                  G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]                  2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN</p>				
<b>Design Detail</b>				
PSID	RIM:mf	CDS PA		
384BA	0	0	COMMENT [UVS RIM 0]	
432BA	3	56	OPTRTM [UVS EXCLUDE, EUV EXCLUDE]	
157BA	3	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]	
349BA	3:69	28	UVFLUSH [6UVRT, DISCRD, BOTH]	
165BA	4	36	TARGET [CONE 90.00, CLOCK 94.17, POSITION SLEW ALLOCATION 4]	
	4		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]	
349BB	62:69	28	UVFLUSH [6UVRT, PACKET, BOTH]	
	64		34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]	
349BC	122:69	28	UVFLUSH [6UVRT, PACKET, BOTH]	

*[Handwritten scribble]*

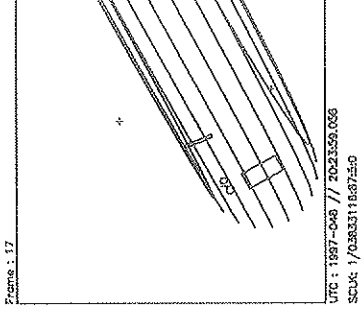
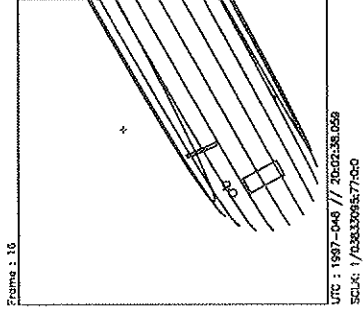
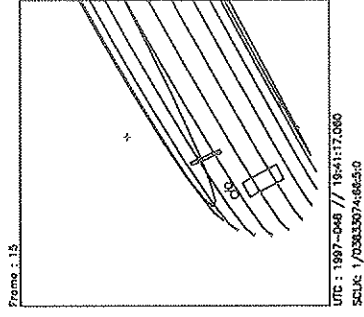
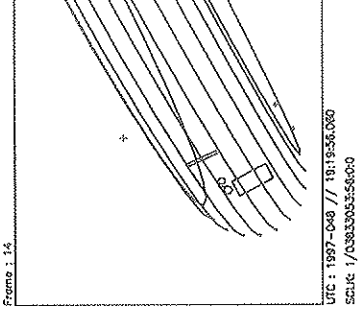
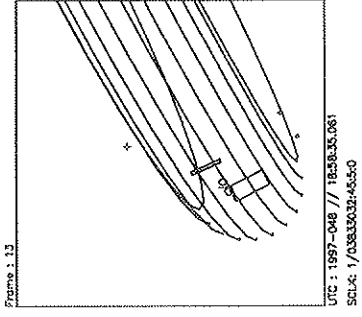
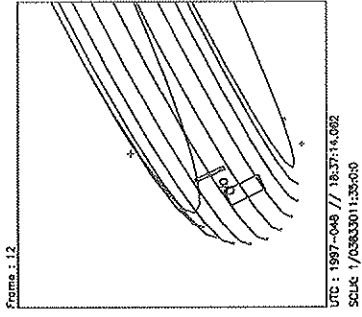
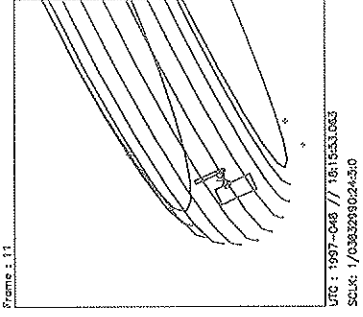
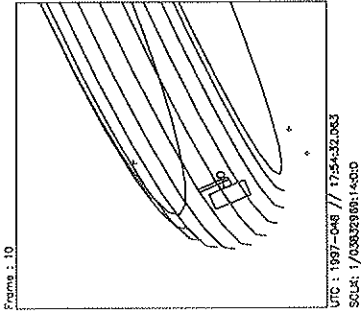
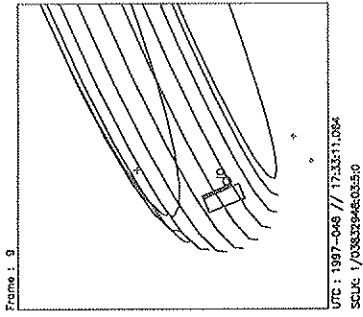


MIDNIGHT ANSA 01-03



Start UTC.TIME : 1997-048 // 14:21:02.071  
No End Time :  
Start SCLK : 1/0363275800000

Target Body : JUPITER  
Target Cone/Clock : 79.33 / 93.89 Deg  
S/C to Body Center : 2558777. Km ( 35.791089 Rj )  
Z-axis Pointing ( Ro / Dec ) : 130.30 / 18.80 Deg

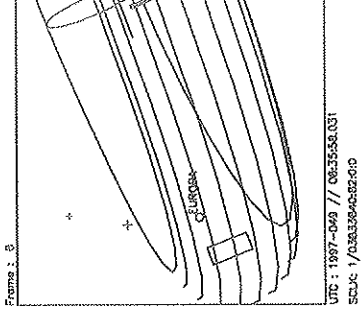
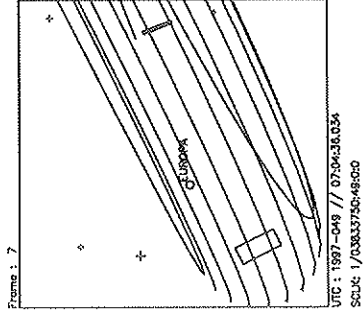
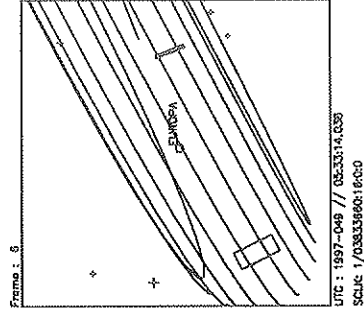
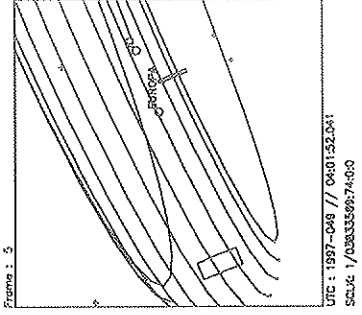
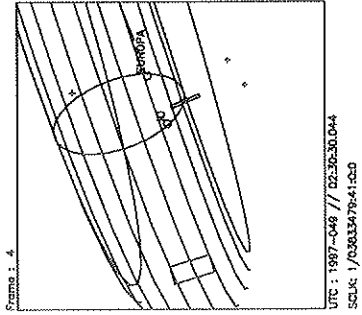
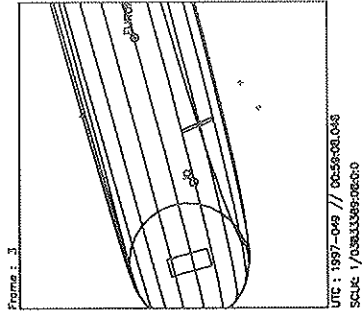
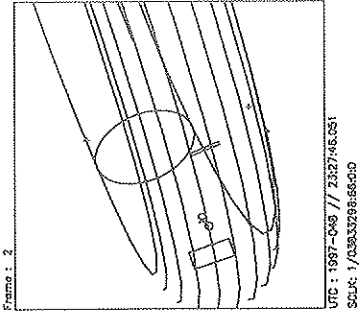
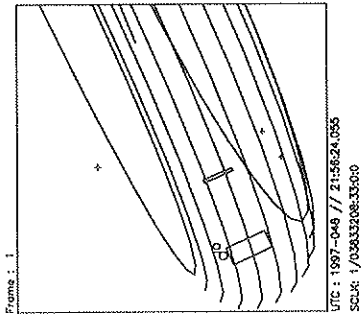
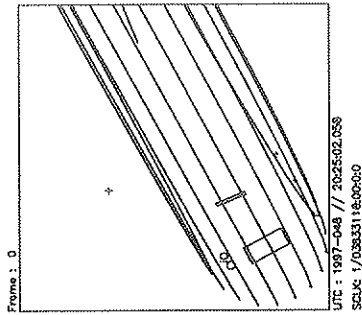


Start UTC\_TIME : 1997-048 // 14:21:02.071  
No End Time :  
Start SCLK : 1/03832758:00:0:0

Target Body : JUPITER  
Target Cone/Clock : 80.58/ 93.88 Deg  
S/C to Body Center : 2491670. Km ( 34.852431 Ri )  
Z-axis Pointing ( Ro / Dec ) : 130.30 / 18.80 Deg

<b>Activity ID:</b> Orbit E6		<b>OAPEL TUE6MANS</b>		<b>SeqNo</b> 03-	
<b>Title</b>	UVS/EUV MDNT ANSA MAP 3, LO RATE E6 INBD			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG
<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b>	02/17/97
				<b>Week</b>	7
<b>Start</b>	JEE-CDS 00004420:00:0		97-048/18:23:45.934		JEE-003/02:29:06.666
<b>End</b>	JEE-CDS 00004300:00:0		97-048/20:25:05.934		JEE-003/00:27:46.666
<b>Duration</b>	00000120:00:0		000/02:01:20.000		000/02:01:20.000
<b>Top Label</b>	E6TUE6MANS03-				
<b>Bottom Label</b>	(UVS/EUV RTS Torus)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	94	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 3, LOW RATE, E6 INBOUND:                      From: 5.49 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 88)                      To: 4.90 Rj (inside ribbon) at cone 90                      Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV                      OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS/EUV deselected; thus, 60-RIM UVFLUSHes needed to PACKET BOTH                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (S+ 1259, S+ 4070), EUV (S++ 685, S+ 765, O+ 834)                      2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],                      G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]                      2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES],                      N 4071.2 (STEP 436) [ODD FRAMES]</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mE	CDS PA			
384BC	-1	0	COMMENT [UVS RIM 0]		
157BC	-1	38	CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]		
		0	34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]		
349BH	58:69	28	UVFLUSH [6UVRT, PACKET, BOTH]		
	60		34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]		
349BI	118:69	28	UVFLUSH [6UVRT, PACKET, BOTH]		

<b>Activity ID:</b> Orbit E6		<b>OAPEL TUE6MANS</b>		<b>SeqNo</b> 04-	
<b>Title</b>	UVS/EUV MDNT ANSA MAP 4, LO RATE E6 INBD			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG
<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b>	02/17/97 Week 7
<b>Start</b>	JEE-CDS 00004300:00:0		97-048/20:25:05.934		JEE-003/00:27:46.666
<b>End</b>	JEE-CDS 00003638:00:0		97-049/07:34:27.267		JEE-002/13:18:25.333
<b>Duration</b>	00000662:00:0		000/11:09:21.333		000/11:09:21.333
<b>Top Label</b>	E6TUE6MANS04-				
<b>Bottom Label</b>	(UVS/EUV RTS Torus)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	483	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS/EUV IO TORUS MIDNIGHT ANSA MAP 4, LOW RATE (COLD TORUS), E6 INBOUND:                      From: 4.90 Rj (inside ribbon) at cone 90 (ribbon at 5.76 Rj, Sys III W Long 88)                      To: 1.70 Rj (outside Jupiter) at cone 90                      Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV                      OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS/EUV deselected; thus, 60-RIM UVFLUSHes needed to PACKET BOTH, after initial DISCRD                      WAVELENGTHS (Angstroms): Emission lines: EUV (S++ 685, S+ 765, O+ 834, H2 1216),                      UVS (S++ 1194, H2 1216, S+ 1259, S+ 4070)                      2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],                      G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS	PA		
384BD	0	0		COMMENT [UVS RIM 0]	
61BA	0	37		LOOPER [LOOP PERIOD 60, NUM LOOPS 7]	
157BD	1	38		CMDRS (10+14*2) [PLAN DUR 21, EST UVS CMDS 2]	
349MI	1:69	28		UVFLUSH [6UVRT, DISCRD, BOTH]	
165BB	2	36		TARGET [CONE 90.00, CLOCK 93.05, POSITION SLEW ALLOCATION 2]	
	2			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
	22			34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]	
349MJ	60:69	196		UVFLUSH (28*7) [6UVRT, PACKET, BOTH]	
...	MK...	MN,BJ,MO		... [REPEAT 6 ADDITIONAL TIMES]	
61BE	420	37		LOOPER [LOOP PERIOD 60, NUM LOOPS 4]	
351BB	421	21		EUVCMD [TARGET BODY TORUS]	
	421			24EUV,N,C,3,3E,C,A,18 [STARTING STEP 62, 10 SCANS/SECTOR, 24 SECTORS]	
157MB	421	38		CMDRS (10+14*2) [PLAN DUR 21, EST UVS CMDS 2]	
	422			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
	442			34UVS,DD,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,48,75,00,00 [66STEP G]	
349BK	660:69	28		UVFLUSH [6UVRT, PACKET, BOTH]	
157BE	661	24		CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]	
	662			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	



Start UTC\_TIME : 1997-048 // 20:25:02.058  
 No End Time :  
 Start SCLK : 1/03833118:00:0:0

Target Body : JUPITER  
 Target Cone/Clock : 81.76 / 93.88 Deg  
 S/C to Body Center : 2430413. Km ( 33.995593 Ri )  
 Z-axis Pointing ( Rc / Dec ) : 130.30 / 18.80 Deg

<b>Activity ID:</b> Orbit E6		<b>OAPEL</b> JUE6AURA		<b>SeqNo</b> 01-	
<b>Title</b>	UVS/EUV AURORA MAP 1, LO RATE E6 INBD			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG

<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b>	02/18/97	<b>Week</b>	8
<b>Start</b>	JEE-CDS 00003575:00:0		97-049/08:38:09.267		JEE-002/12:14:43.333		
<b>End</b>	JEE-CDS 00003453:00:0		97-049/10:41:30.600		JEE-002/10:11:22.000		
<b>Duration</b>	00000122:00:0		000/02:03:21.333		000/02:03:21.333		

<b>Top Label</b>	E6JUE6AURA01-				
<b>Bottom Label</b>	(UVS/EUV RTS Aurora)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	186	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No

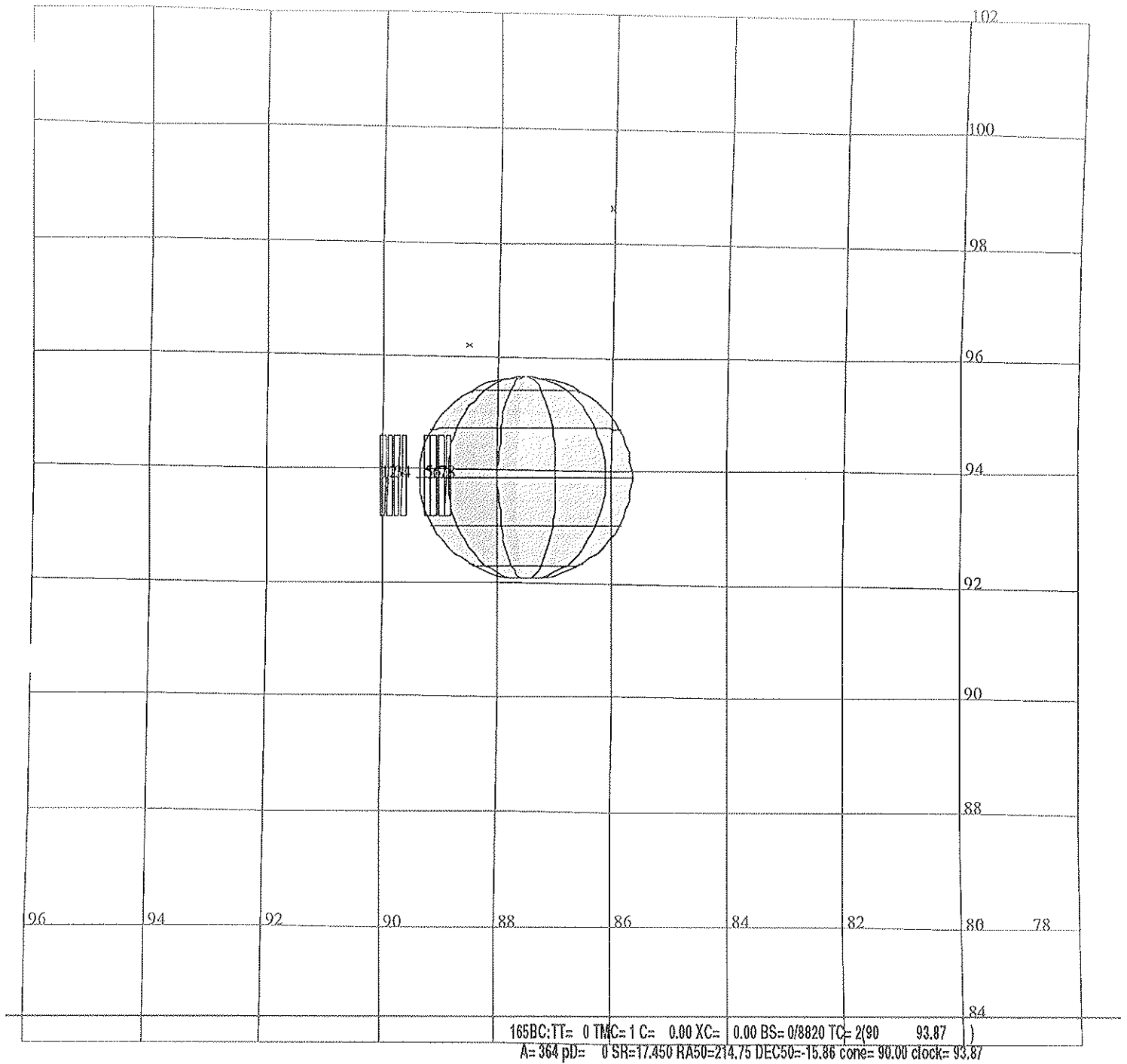
**Observation Objective**

UVS/EUV JUPITER AURORA MAP 1 (DARK SIDE EQUATOR), LOW RATE, E6 INBOUND:  
 From: 1.2 Rj (outside Jupiter) at cone 90, TARGETing Jupiter equator  
 To: 0.9 Rj at cone 90, dark limb  
 Data rate: Instrument states last 60 or 120 RIMS; thus, 4.87 bps UVS, 2.43 bps EUV  
 OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):  
 UVS/EUV deselected; thus, 60- or 120-RIM UVFLUSHes needed to PACKET, after initial DISCRD  
 WAVELENGTHS (Angstroms):  
 Emission lines: UVS (H2 1253, H2 1611)  
 2POSN-88STEP G/G (UVS): G 1131.5-1265.9 (CTR 1199.7, STEP 44) [EVEN FRAMES], G 1199.7-1333.4 (CTR 1267.5, STEP 88) [ODD FRAMES]  
 Strategy for MINISCANS: Use 2POSN-88STEP G/G for equatorial

**Design Detail**

PSID	RIM:mf	CDS	PA
384BF	0	0	COMMENT [UVS RIM 0]
157BF	1	66	CMDRS (10+14*4) [PLAN DUR 121, EST UVS CMDS 4]
349BL	1:69	28	UVFLUSH [6UVRT, DISCRD, BOTH]
165BC	2	36	TARGET [CONE 90.00, CLOCK 93.87, POSITION SLEW ALLOCATION 2]
	2		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
	42		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349BM	60:69	28	UVFLUSH [6UVRT, PACKET, UVS]
	82		34UVS,DF,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,2C,7D,00,2C [88STEP G/G]
349BN	120:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	122		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]



TARGET G2.0 jmart:12/20/1996 17: 8: 5

FILE:P.E6JUE6AURA01

CENTRAL BODY:JUPITER

INI:m.target

EPH:/DATA/NAVIO/T-961107-TOUR.NS

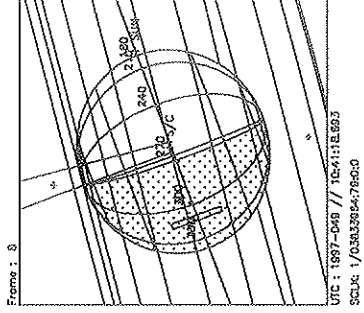
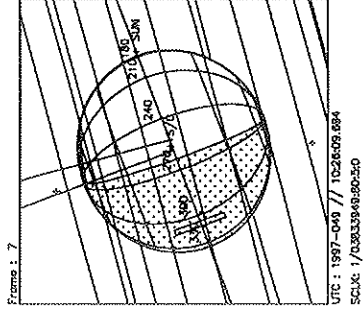
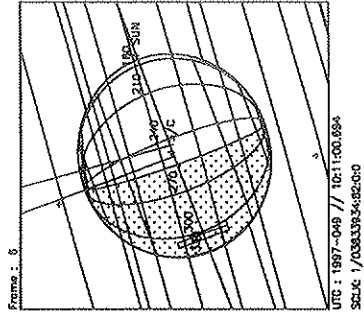
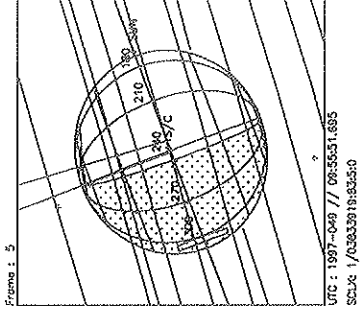
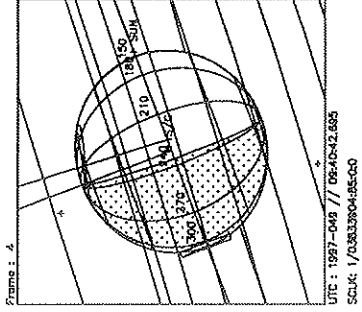
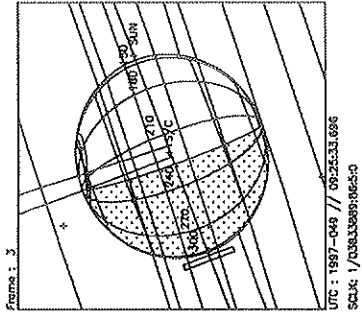
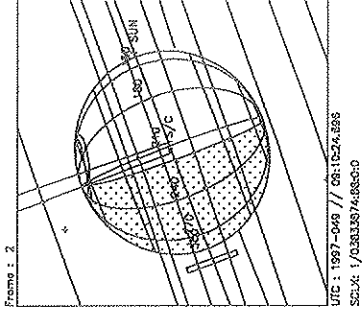
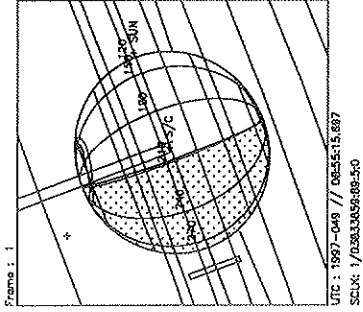
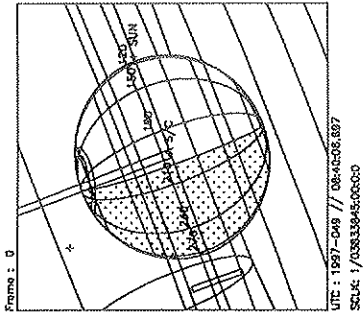
ERIAPSIS:

THINNING: :UVS 60

TART:JEE 97-051/20:52:52.600 -CDS 3573:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.200

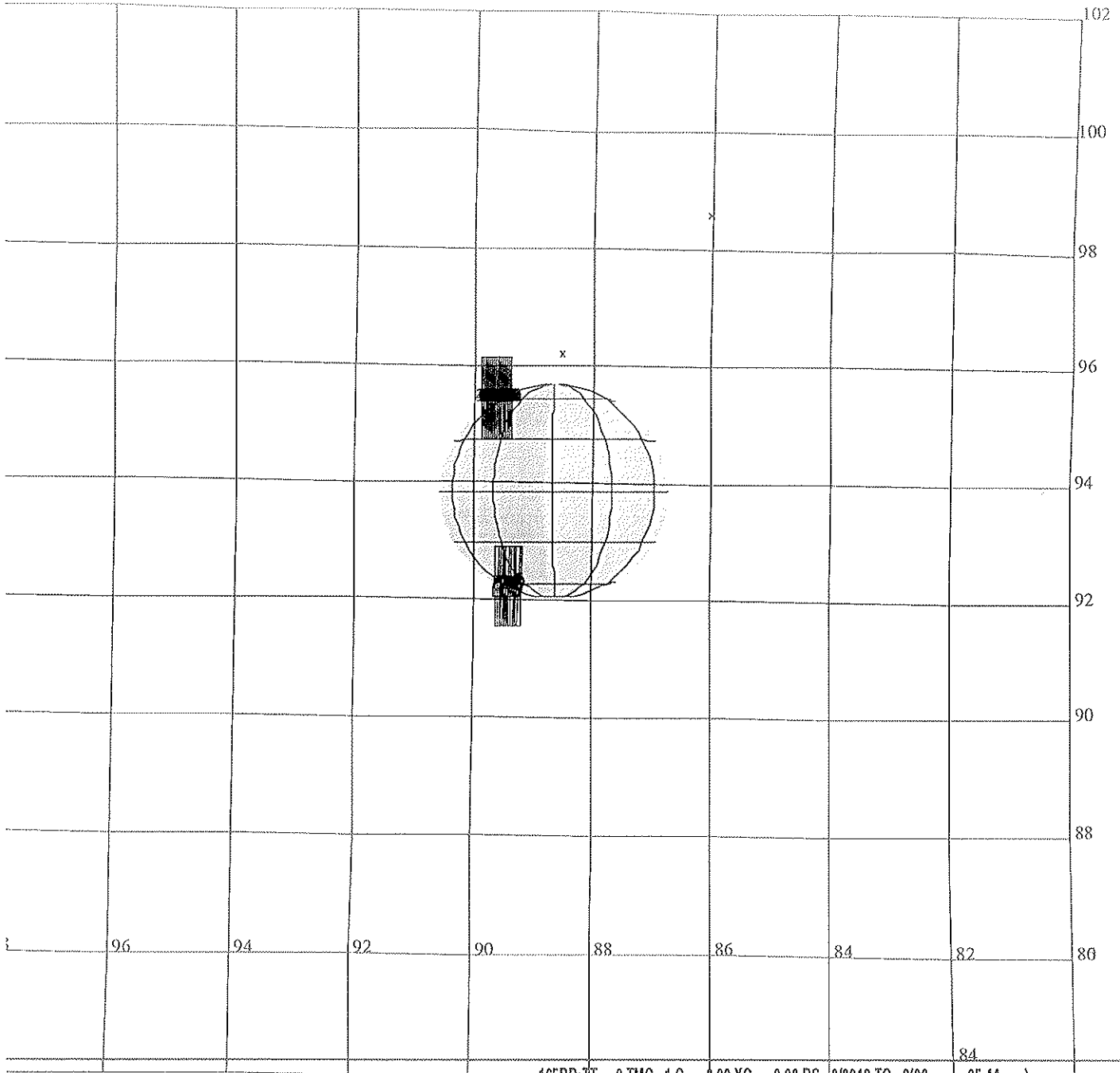




Start UTC\_TIME : 1997-049 // 08:40:06.697  
 No End Time :  
 Start SCLK : 1/03833845:00:0:0

Target Body : JUPITER  
 Target Cone/Clock : 87.56 / 93.87 Deg  
 S/C to Body Center : 2154322. Km ( 30.133751 Ri )  
 Z-axis Pointing ( Ro / Dec ) : 130.30 / 16.80 Deg

<b>Activity ID:</b> Orbit E6		<b>OAPEL</b> JUE6AURA		<b>SeqNo</b> 02-	
<b>Title</b>		UVS/EUV AURORA MAP 2, LO RATE E6 INBD		<b>Instrument</b> UVS	
<b>Requestor</b>		UVS-MWG/S.STEPHENS		<b>Team</b> UVS	
				<b>Working Group</b> MWG	
<b>Time System</b> CDS		<b>Load ID</b> E6A		<b>Calendar Date</b> 02/18/97	
				<b>Week</b> 8	
<b>Start</b>		JEE-CDS 00003453:00:0		97-049/10:41:30.600	
				JEE-002/10:11:22.000	
<b>End</b>		JEE-CDS 00003331:00:0		97-049/12:44:51.934	
				JEE-002/08:08:00.666	
<b>Duration</b>		00000122:00:0		000/02:03:21.334	
				000/02:03:21.334	
<b>Top Label</b>		E6JUE6AURA02-			
<b>Bottom Label</b>		(UVS/EUV RTS Aurora)			
<b>Plot Key</b>		UVS		<b>Type</b> SCI	
<b>CDS Bytes</b>		250		<b>Report Options</b> BOTH	
				<b>Scan Platform</b> Yes	
<b>CDS Source</b>		PA		<b>Spin State</b> DUAL	
				<b>DMS</b> No	
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS/EUV JUPITER AURORA MAP 2 (NORTH CALIBRATION AND SOUTH AURORA), LOW RATE, E6 INBOUND:                      From: Cone 90.00, Clock 95.44, TARGETing 60 deg North latitude, for calibrating AURA03                      To: Cone 90.30, Clock 92.20, reTARGETing 60 deg South latitude, for southern aurora                      Data rate: Instrument states usually last 60 RIMS; thus, 4.87 bps UVS, 4.87 bps EUV                      OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS/EUV deselected; thus, 30- or 60-RIM UVFLUSHes needed to PACKET, after initial DISCRD                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (H2 1253, H2 1611)                      FULLSCAN N/G (UVS): N 2818.1-4319.0 (CTR 3589.1, STEP 264) [EVEN FRAMES],                      G 1131.5-1920.1 (CTR 1534.7, STEP 264) [ODD FRAMES]</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mF	CDS	PA		
384BG	0	0		COMMENT [UVS RIM 0]	
157BG	0	66		CMDRS (10+14*4) [PLAN DUR 112, EST UVS CMDRS 4]	
349BO	0:69	28		UVFLUSH [6UVRT, DISCRD, BOTH]	
165ED	1	36		TARGET [CONE 90.00, CLOCK 95.44, POSITION SLEW ALLOCATION 1]	
	19			34UVS,07,S,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,2C,9D,00,00 [FULLSCAN N/G]	
349NP	38:69	28		UVFLUSH [6UVRT, PACKET, UVS]	
349BP	59:69	28		UVFLUSH [6UVRT, PACKET, BOTH]	
	60			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
165BE	62	36		TARGET [CONE 90.30, CLOCK 92.20, POSITION SLEW ALLOCATION 1]	
	72			34UVS,07,S,N,N,N,S,0,ON,OFF,ON,ON,OFF,NO,1,00,9C,01,2C [FULLSCAN F/G]	
	112			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
349BQ	120:69	28		UVFLUSH [6UVRT, PACKET, BOTH]	
[RIDE-ALONG: NIMS dark-side southern aurora JEE-CDS 3333:00:0 to -CDS 3332:00:0]					



165BD:TT= 0 TMC= 1 C= 0.00 XC= -0.00 BS= 0/0842 TC= 2(90 95.44 )  
 A= 182 pD= 0 SR=17.450 RA50=215.29 DEC50=-14.38 cone= 90.00 clock= 95.44  
 165BE:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/1944 TC= 2(90.30 92.20 )  
 A= 182 pD= 0 SR=17.450 RA50=214.46 DEC50=-17.53 cone= 90.30 clock= 92.20

TARGET G2.0 jmart:12/20/1996 17: 8: 5

FILE:P.E6JUE6AURA02

CENTRAL BODY:JUPITER

FILE:m.target

EPH:/DATA/NAVIO/T-961107-TOUR.NS

PHIAPSIS:

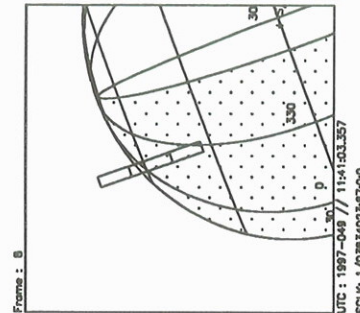
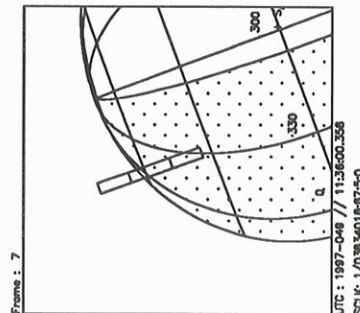
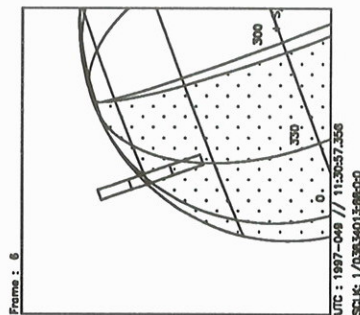
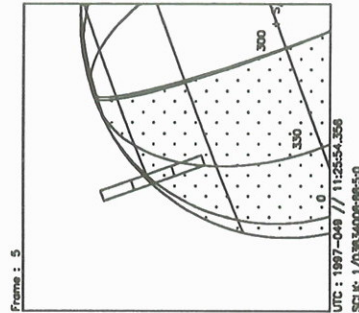
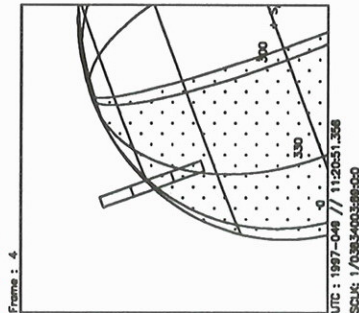
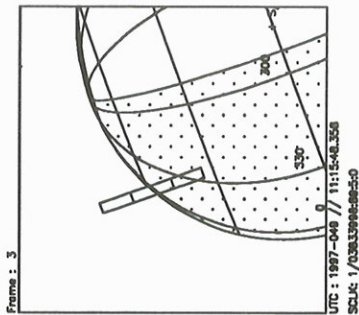
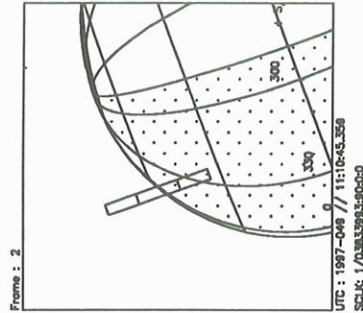
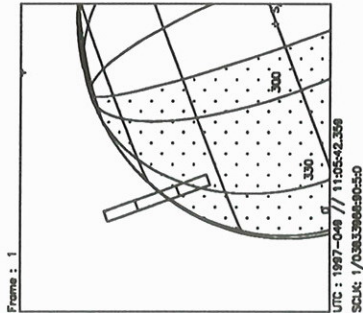
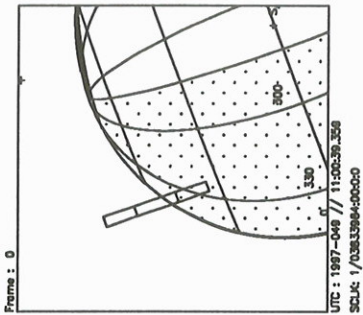
THINNING:UVS 60 :UVS 10

TARGET:JEE 97-051/20:52:52.600 -CDS 3452:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.200

BACKGROUN N-channel

EG AURA021

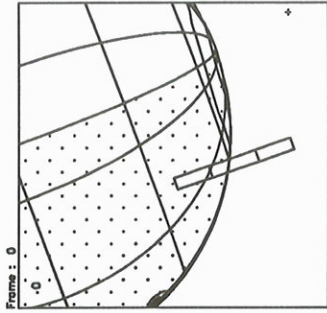


Start UTC TIME : 1997-049 // 11:00:39.359  
 No End Time :  
 Start SCLK : 1/03833984:00:0:0

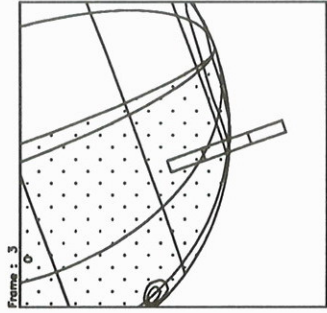
Target Body : JUPITER  
 Target Cone/Clock : 88.85 / 93.87 Deg  
 S/C to Body Center : 2098783. Km ( 29.356900 Rj )  
 Z-axis Pointing ( Ra / Dec ) : 130.30 / 18.80 Deg

F16

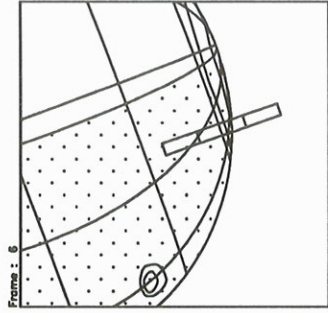
EG AURA02-2



UTC : 1997-049 // 11:54:14.690  
 SCLK : 1/03834037300:00

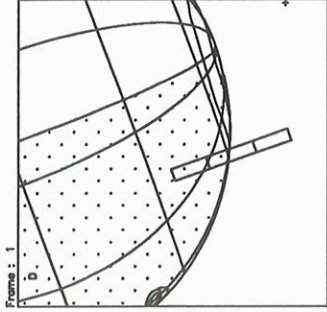


UTC : 1997-049 // 12:05:23.690  
 SCLK : 1/03834051180:50

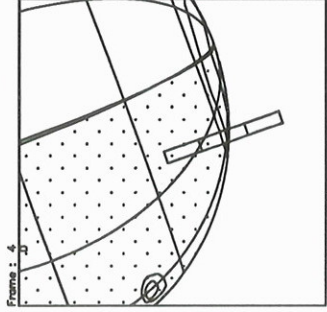


UTC : 1997-049 // 12:29:32.690  
 SCLK : 1/03834066080:00

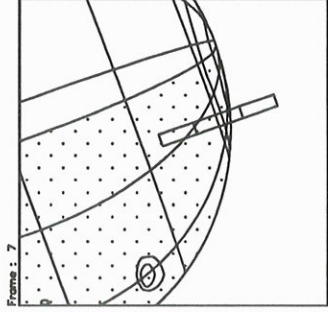
Start UTC\_TIME : 1997-049 // 11:54:14.690  
 No End Time :  
 Start SCLK : 1/03834037:00:0:0



UTC : 1997-049 // 11:58:17.690  
 SCLK : 1/03834041190:50

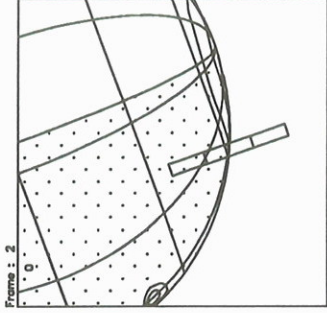


UTC : 1997-049 // 12:14:26.690  
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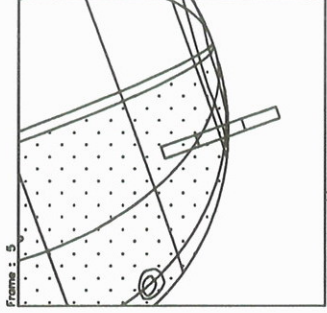


UTC : 1997-049 // 12:29:35.690  
 SCLK : 1/0383407187:50

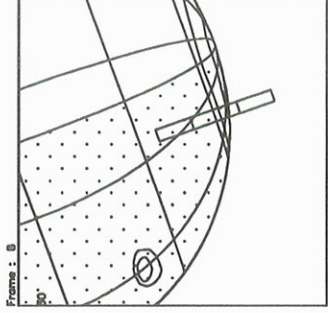
Target Body : JUPITER  
 Target Cone/Clock : 89.36 / 93.87 Deg  
 S/C to Body Center : 2077363. Km ( 29.057276 Rj )  
 Z-axis Pointing ( Ra / Dec ) : 130.30 / 18.80 Deg



UTC : 1997-049 // 12:04:20.690  
 SCLK : 1/03834046060:50



UTC : 1997-049 // 12:19:29.690  
 SCLK : 1/03834061300:50



UTC : 1997-049 // 12:34:38.690  
 SCLK : 1/0383407687:50

<b>Activity ID:</b>	Orbit E6	<b>OAPEL</b>	JUE6AURA	<b>SeqNo</b>	03-
<b>Title</b>	UVS/EUV AURORA MAP 3, HI RATE E6 INBD			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG

<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b>	02/18/97	<b>Week</b>	8
<b>Start</b>	JEE-CDS 00003331:00:0		97-049/12:44:51.934		JEE-002/08:08:00.666		
<b>End</b>	JEE-CDS 00003089:00:0		97-049/16:49:33.267		JEE-002/04:03:19.333		
<b>Duration</b>	00000242:00:0		000/04:04:41.333		000/04:04:41.333		

<b>Top Label</b>	E6JUE6AURA03-				
<b>Bottom Label</b>	(UVS/EUV RTS Aurora)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	362	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No

**Observation Objective**

UVS/EUV JUPITER AURORA MAP 3 (NORTHERN AURORA), HIGH RATE, E6 INBOUND:  
 From: Cone 90.60, TARGETING 60 deg North latitude, dark limb (drifting to bright side)  
 To: Cone 93.15, reTARGET dark limb and auroral oval at Sys III W Long 180  
 Data rate: Instrument states usually last 30 RIMS; thus, 9.73 bps UVS, 9.73 bps EUV  
 OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):  
 UVS/EUV deselected; thus, 30- or 60-RIM UVFLUSHes needed to PACKET BOTH  
 WAVELENGTHS (Angstroms):  
 Emission lines: UVS (H2 1253, H2 1611)  
 FULLSCAN F/G (UVS): F 1616.5-3227.9 (CTR 2436.8, STEP 264) [EVEN FRAMES],  
 G 1131.5-1920.1 (CTR 1534.7, STEP 264) [ODD FRAMES]

**Design Detail**

PSID	RIM:mf	CDS	PA
384BH	0	0	COMMENT [UVS RIM 0]
157BH	0	94	CMDRS (10+14*6) [PLAN DUR 242, EST UVS CMDS 6]
349BR	0:69	28	UVFLUSH [6UVRT, DISCRD,BOTH]
165BF	1	36	TARGET [CONE 90.60, CLOCK 95.54, POSITION SLEW ALLOCATION 1]
	1		34UVS,07,S,N,N,N,S,0,ON,OFF,ON,ON,OFF,NO,1,00,9C,01,2C [FULLSCAN F/G]
	41		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349BS	59:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	71		34UVS,07,S,N,N,N,S,0,ON,OFF,ON,ON,OFF,NO,1,00,9C,01,2C [FULLSCAN F/G]
	111		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349BT	119:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
165BG	122	36	TARGET [CONE 93.15, CLOCK 95.54, POSITION SLEW ALLOCATION 1]
	122		34UVS,07,S,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,2C,9D,00,00 [FULLSCAN N/G]
349BU	150:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
349BV	180:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
349BW	210:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
349BX	240:69	28	UVFLUSH [6UVRT, PACKET, BOTH]
	242		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]

97.8

97.3

96.8

96.3

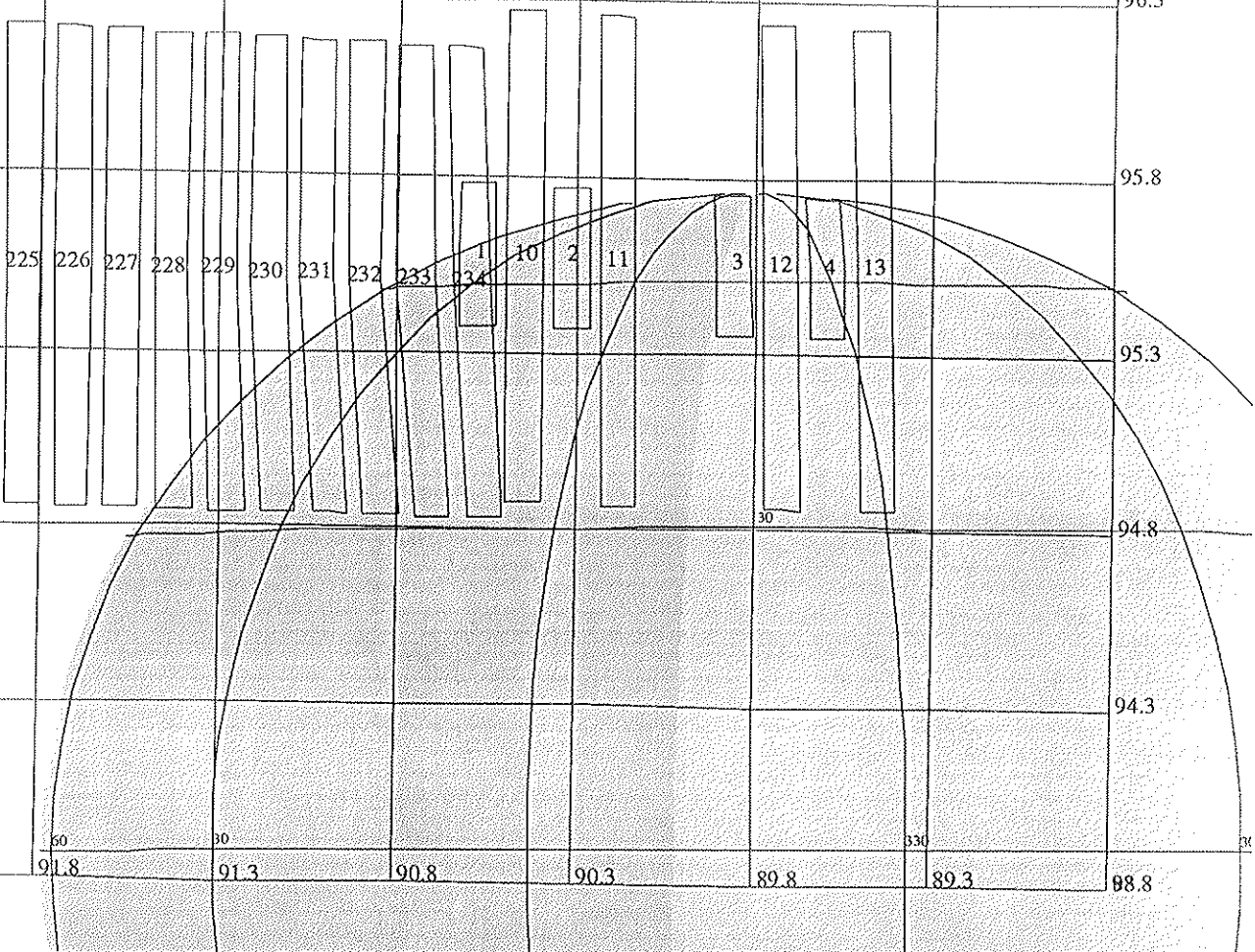
95.8

95.3

94.8

94.3

93.8



225 226 227 228 229 230 231 232 233 234 1 10 2 11 3 12 4 13

92.3

91.8

91.3

90.8

90.3

89.8

89.3

88.8

165BF:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/3046 TC= 2(90.60 95.54 )  
 A= 182 pD= 0 SR=17.450 RA50=215.91 DEC50=-14.48 cone= 90.60 clock= 95.54  
 165BG:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/5068 TC= 2(93.15 95.54 )  
 A= 182 pD= 0 SR=17.450 RA50=218.41 DEC50=-15.31 cone= 93.15 clock= 95.54

ARGET G2.0 jmart:12/20/1996 17: 8: 5

ILE:P.E6JUE6AURA03

ENTRAL BODY:JUPITER

INI:m.target

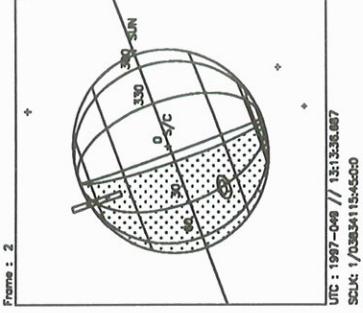
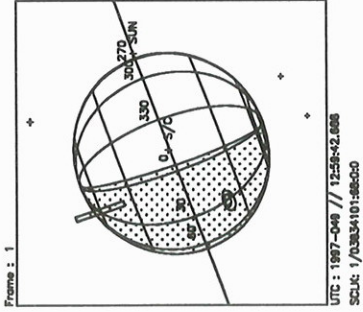
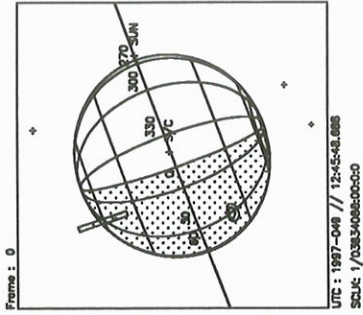
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ERIAPSIS:

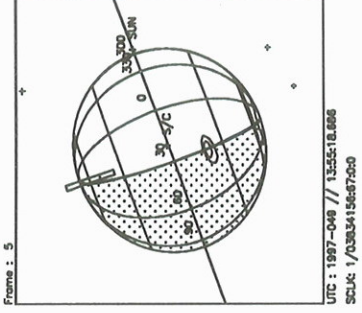
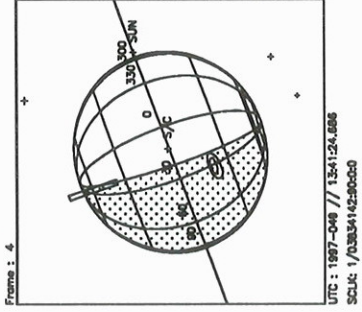
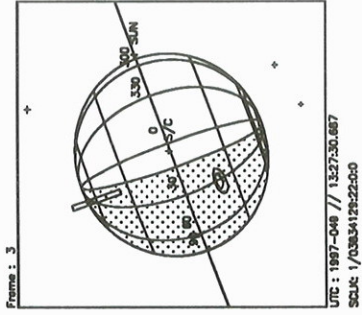
TART:JEE 97-051/20:52:52.600 -CDS 3330:00:0

THINNING:UVS 10 :UVS 60

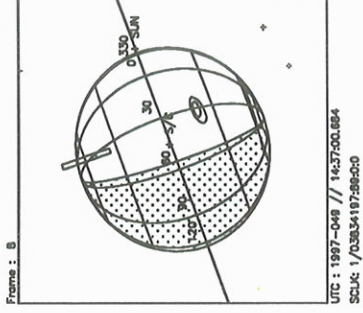
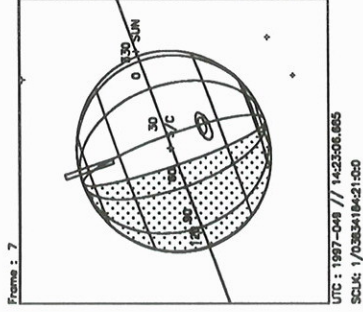
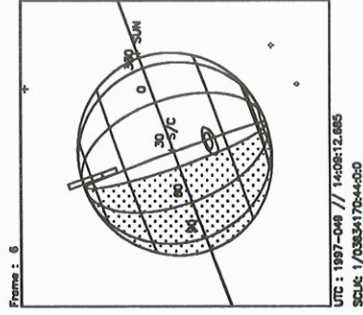
BODY PLOT TIME:TARGET-TIME D= 0 S= 1,000



516



E6AURA03-1



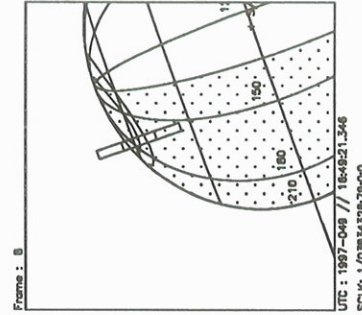
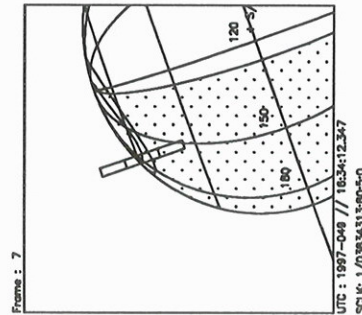
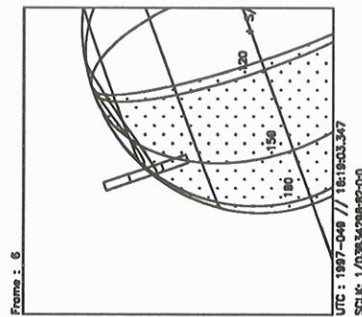
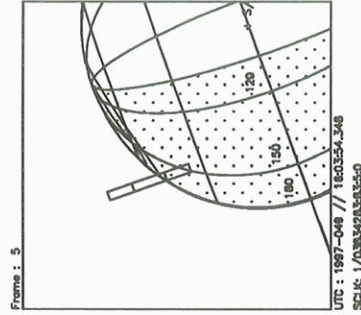
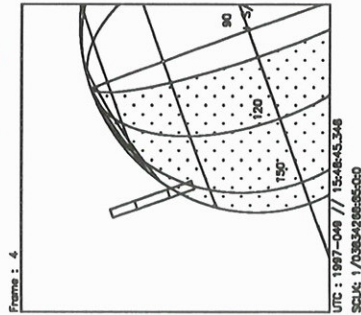
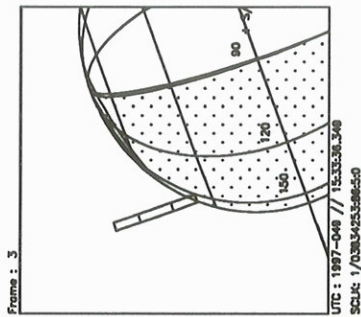
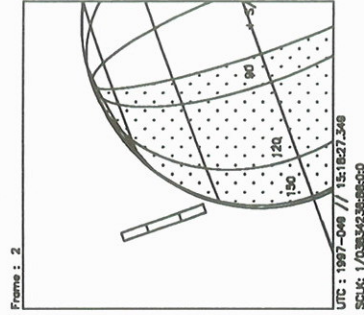
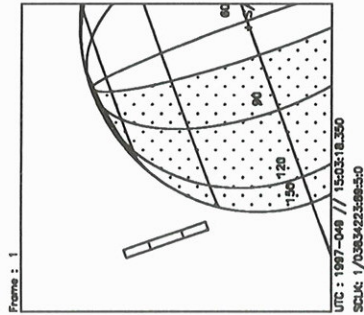
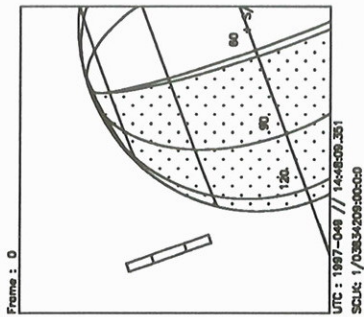
Start UTC\_TIME : 1997-049 // 12:45:48.688  
No End Time :  
Start SCLK : 1/03834:088:00:0:0

Target Body : JUPITER  
Target Cone/Clock : 89.86 / 93.87 Deg  
S/C to Body Center : 2056622. Km ( 28.767157 Rj )  
Z-axis Pointing ( Ra / Dec ) : 130.30 / 18.80 Deg



*y-channel*

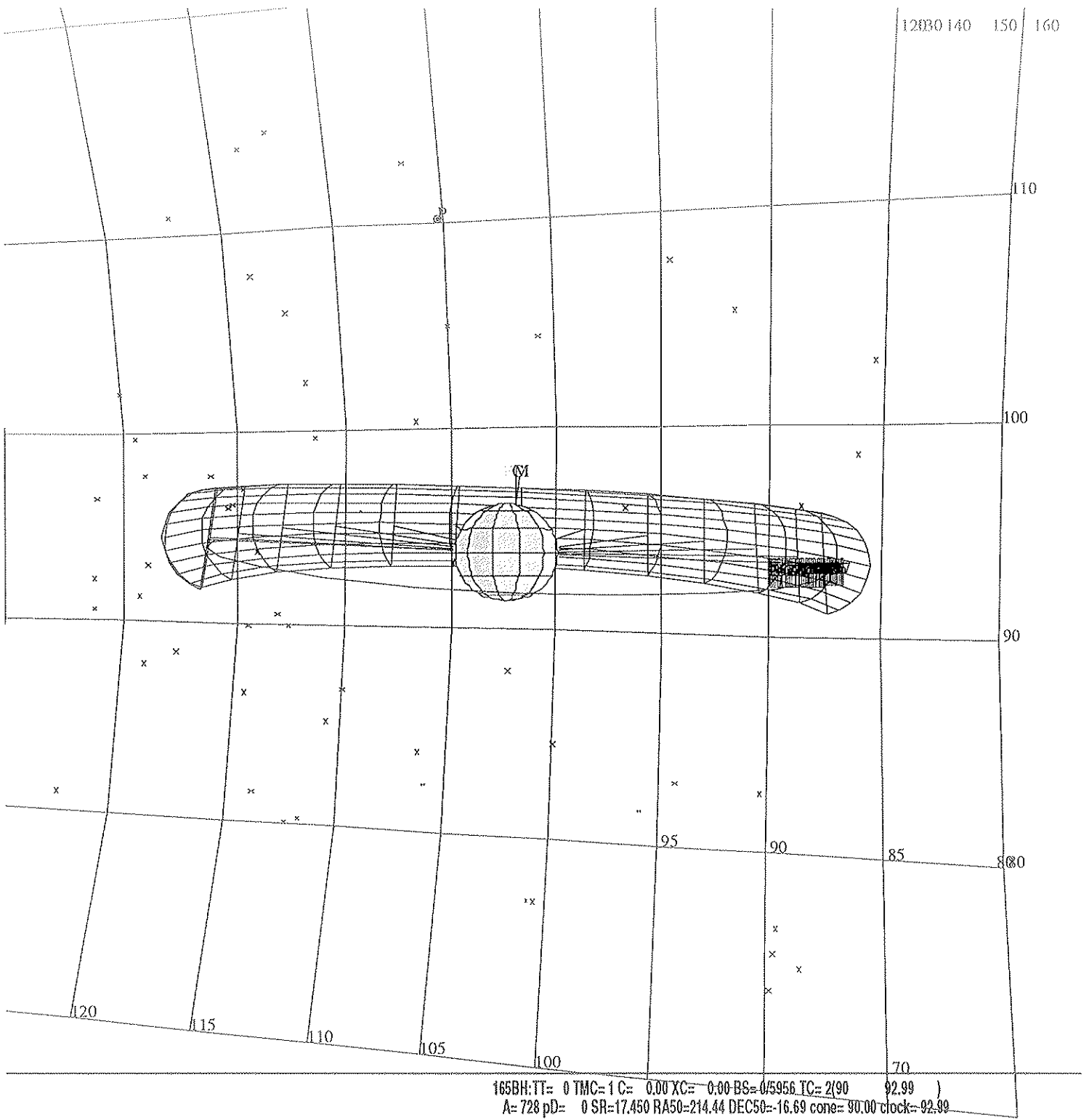
*EG AURA03-2*



Start UTC\_TIME : 1997-049 // 14:48:09.351  
No End Time :  
Start SCLK : 1/03834209:00:0:0

Target Body : JUPITER  
Target Cone/Clock : 91.09 / 93.87 Deg  
S/C to Body Center : 2006901. Km ( 28.071691 Ri )  
Z-axis Pointing ( Ra / Dec ) : 130.30 / 18.80 Deg

<b>Activity ID:</b>	Orbit E6	<b>OAPEL TUE6NANS</b>	<b>SeqNo</b>	01-
<b>Title</b>	UVS NOON ANSA MAP 1, LO RATE E6 INBD		<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b> MWG
<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b> 02/19/97 <b>Week</b> 8
<b>Start</b>	JEE-CDS 00002329:00:0		97-050/05:37:59.934	JEE-001/15:14:52.666
<b>End</b>	JEE-CDS 00002205:00:0		97-050/07:43:22.600	JEE-001/13:09:30.000
<b>Duration</b>	00000124:00:0		000/02:05:22.666	000/02:05:22.666
<b>Top Label</b>	E6TUE6NANS01-			
<b>Bottom Label</b>	(UVS RTS Torus)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	158	<b>Report Options</b>	BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b> No
<b>Observation Objective</b>				
<p>UVS IO TORUS NOON ANSA MAP 1, LOW RATE, E6 INBOUND:                  From: 4.88 Rj (inside ribbon) at cone 90 (ribbon at 5.76 Rj, Sys III W Long 257)                  To: 5.45 Rj at cone 90                  Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS                  OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                  UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD                  WAVELENGTHS (Angstroms):                  Emission lines: UVS (S+ 1259, S+ 4070)                  2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],                  G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]                  2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN FRAMES],                  N 4071.2 (STEP 436) [ODD FRAMES]</p>				
<b>Design Detail</b>				
PSID	RIM:mf	CDS	PA	
384BJ	0	0		COMMENT [UVS RIM 0]
157BI	3	38		CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
349BY	3:69	28		UVFLUSH [6UVRT, DISCRD, UVS]
165BH	4	36		TARGET [CONE 90.00, CLOCK 92.99, POSITION SLEW ALLOCATION 4]
	4			34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349BZ	62:69	28		UVFLUSH [6UVRT, PACKET, UVS]
	64			34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]
349MA	122:69	28		UVFLUSH [6UVRT, PACKET, UVS]



ARGET G2.0 jmart:12/20/1996 17: 8: 5

ILE:P.E6TUE6NANS01

ENTRAL BODY:JUPITER

INI:m.target

EPH:/DATA/NAVIO/T-961107-TOUR.NS

ERIAPSIS:

THINNING: :UVS 1

TART:JEE 97-051/20:52:52.600 -CDS 2325:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.100

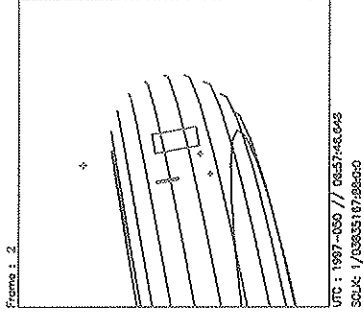
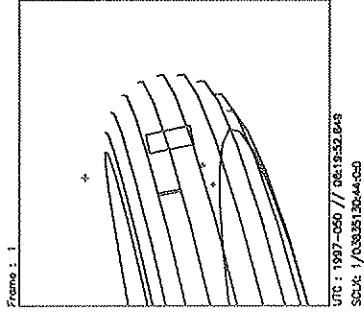
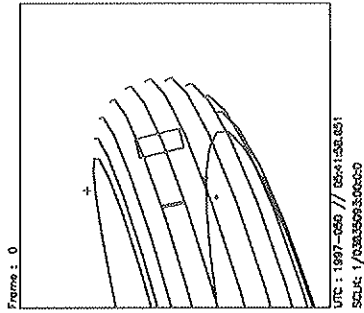
UVS NOON ANSA MAP 2, HI RATE E6 INBD

ACTIVITY ID: E6TUE6NANS02-

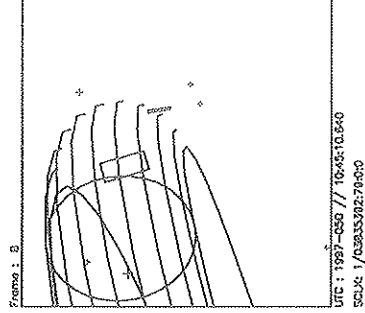
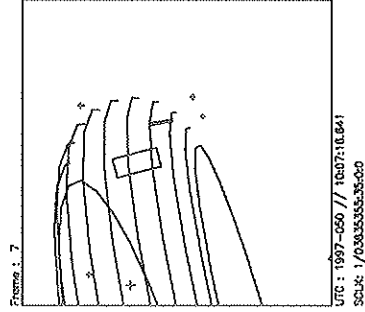
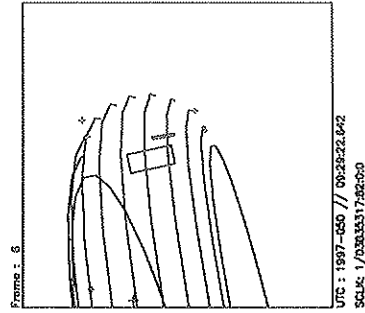
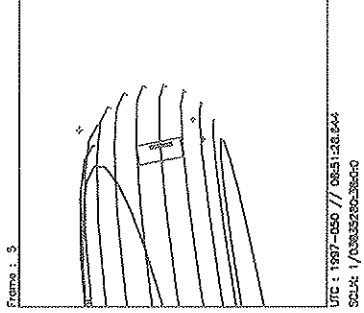
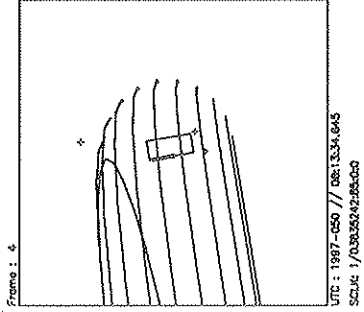
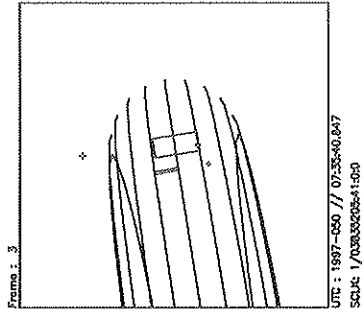
START TIME: 97-050/07:43:22.600

<b>Activity ID:</b>	Orbit E6	<b>OAPEL</b> TUE6NANS	<b>SeqNo</b> 02-
<b>Title</b>	UVS NOON ANSA MAP 2, HI RATE E6 INBD		<b>Instrument</b> UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b> UVS	<b>Working Group</b> MWG
<b>Time System</b>	CDS	<b>Load ID</b> E6A	<b>Calendar Date</b> 02/19/97 <b>Week</b> 8
<b>Start</b>	JEE-CDS 00002205:00:0	97-050/07:43:22.600	JEE-001/13:09:30.000
<b>End</b>	JEE-CDS 00002085:00:0	97-050/09:44:42.600	JEE-001/11:08:10.000
<b>Duration</b>	00000120:00:0	000/02:01:20.000	000/02:01:20.000
<b>Top Label</b>	E6TUE6NANS02-		
<b>Bottom Label</b>	(UVS RTS Torus)		
<b>Plot Key</b>	UVS	<b>Type</b>	SCI
<b>CDS Bytes</b>	178	<b>Report Options</b>	BOTH <b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL <b>DMS</b> No
<b>Observation Objective</b>			
<p>UVS IO TORUS NOON ANSA MAP 2, HIGH RATE (RIBBON), E6 INBOUND:          From: 5.45 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 257)          To: 6.01 Rj at cone 90          Data rate: Instrument states last 30 RIMS; thus, 9.73 bps UVS          OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):          UVS deselected; thus, 30-RIM UVFLUSHes needed to PACKET UVS          WAVELENGTHS (Angstroms):          Emission lines: UVS (S+ 1259, O+ 3728, S+ 4070)          2 POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP 436) [EVEN FRAMES],          G 1239.8-1272.1 (CTR 1256.7, STEP 81) [ODD FRAMES]          2 POSN-22STEP N/N MINISCAN (UVS): N 3700.0-3759.3 (CTR 3731.1, STEP 314) [EVEN FRAMES],          N 4040.9-4098.7 (CTR 4071.2, STEP 436) [ODD FRAMES]          Strategy for MINISCANS: Alternate N/G and N/N MINISCANS for S+</p>			
<b>Design Detail</b>			
PSID	RIM:mf	CDS PA	
384BK	-1	0	COMMENT [UVS RIM 0]
157BJ	-1	66	CMDRS (10+14*4) [PLAN DUR 91, EST UVS CMDS 4]
349MB	28:69	28	34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349MC	58:69	28	34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N]
349MD	88:69	28	34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349ME	118:69	28	34UVS,D3,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,5B,4E,00,7A [22STEP N/N]

<b>Activity ID:</b> Orbit E6		<b>OAPEL TUE6NANS</b>		<b>SeqNo</b> 31-	
<b>Title</b>	UVS NOON ANSA MAP 3-1, LO RT E6 INBD			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWGS.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG
<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b>	02/19/97 Week 8
<b>Start</b>	JEE-CDS 00002085:00:0		97-050/09:44:42.600		JEE-001/11:08:10.000
<b>End</b>	JEE-CDS 00002025:00:0		97-050/10:45:22.600		JEE-001/10:07:30.000
<b>Duration</b>	00000060:00:0		000/01:00:40.000		000/01:00:40.000
<b>Top Label</b>	E6TUE6NANS31-				
<b>Bottom Label</b>	(UVS RTS Torus)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	66	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS IO TORUS NOON ANSA MAP 3 (PART 1), LOW RATE, E6 INBOUND:                      From: 6.01 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 257)                      To: 6.28 Rj at cone 90                      Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS                      OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (S+ 4070)                      2POSN-1STEP N/N MINISCAN (UVS): N 4049.2 (STEP 428) [EVEN                      FRAMES],                      N 4071.2 (STEP 436) [ODD FRAMES]                      Strategy for MINISCANS: Alternate 22STEP and 1STEP MINISCANS for                      PWS quiet</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS	PA		
384BL	-1	0		COMMENT [UVS RIM 0]	
157BK	-1	38		CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]	
	0			34UVS,C1,F,N,N,N,S,0,OFF,ON,OFF,ON,OFF,NO,1,D8,06,00,08 [1STEP N/N]	
349MF	58:69	28		UVFLUSH [6UVRT, PACKET, UVS]	
	60			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	



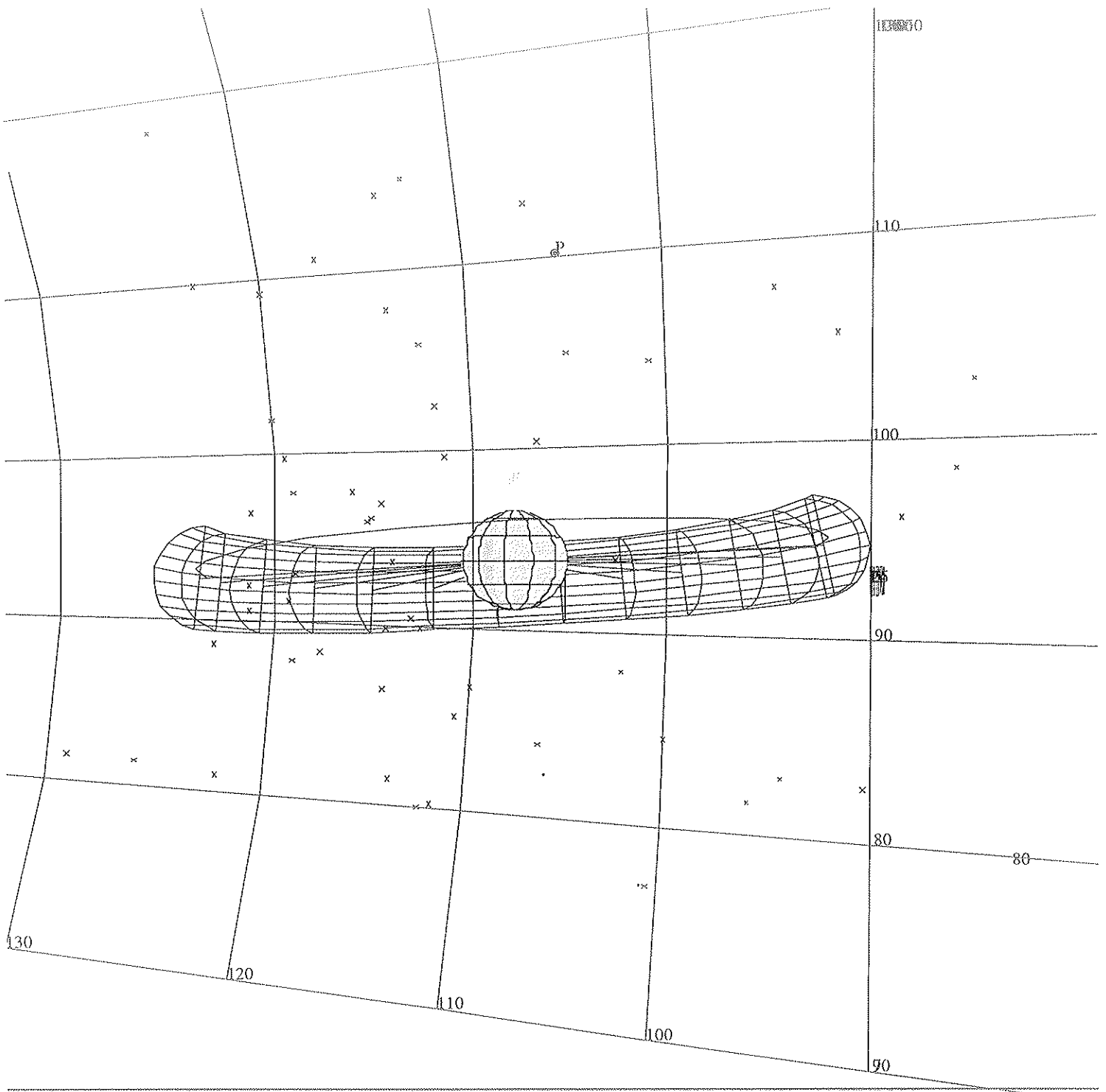
38 NANCOP 31



Start UTC\_TIME : 1997-050 // 05:41:58.651  
 No End Time :  
 Start SCLK : 1/03835093:00:0:0

Target Body : JUPITER  
 Target Cone/Clock : 102.42 / 93.85 Deg  
 S/C to Body Center : 1620962. Km ( 22.673337 Ri )  
 Z-axis Pointing ( Ra / Dec ) : 130.30 / 18.80 Deg

<b>Activity ID:</b>	Orbit E6	<b>OAPEL</b> TUE6NANS	<b>SeqNo</b>	32-
<b>Title</b>	UVS NOON ANSA MAP 3-2, LO RT E6 INBD		<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b> MWG
<b>Time System</b>	CDS	<b>Load ID</b>	E6A	<b>Calendar Date</b> 02/19/97 <b>Week</b> 8
<b>Start</b>	JEE-CDS 00002015:00:0		97-050/10:55:29.267	JEE-001/09:57:23.333
<b>End</b>	JEE-CDS 00001953:00:0		97-050/11:58:10.600	JEE-001/08:54:42.000
<b>Duration</b>	00000062:00:0		000/01:02:41.333	000/01:02:41.333
<b>Top Label</b>	E6TUE6NANS32-			
<b>Bottom Label</b>	(UVS RTS Torus)			
<b>Plot Key</b>	UVS	<b>Type</b>	SCI	
<b>CDS Bytes</b>	130	<b>Report Options</b>	BOTH	<b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b> No
<b>Observation Objective</b>				
<div style="border: 1px solid black; padding: 5px;"> <p>UVS IO TORUS NOON ANSA MAP 3 (PART 2), LOW RATE, E6 INBOUND:                      From: 6.34 Rj at cone 90 (ribbon at 5.76 Rj, Sys III W Long 257)                      To: 6.61 Rj (inside Europa) at cone 90                      Data rate: Instrument states last 60 RIMS; thus, 4.87 bps UVS                      OPTRM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS deselected; thus, 60-RIM UVFLUSHes needed to PACKET UVS, after                      initial DISCRD                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (S+ 1259, S+ 4070)                      2POSN-22STEP N/G MINISCAN (UVS): N 4040.9-4098.7 (CTR 4071.2, STEP                      436) [EVEN FRAMES],                      G 1239.8-1272.1 (CTR 1256.7, STEP                      81) [ODD FRAMES]                      Strategy for MINISCANS: Alternate 22STEP and 1STEP MINISCANS for                      PWS quiet</p> </div>				
<b>Design Detail</b>				
PSID	RIM:mf	CDS	PA	
384BM	0	0		COMMENT [UVS RIM 0]
157BL	1	38		CMDRS (10+14*2) [PLAN DUR 61, EST UVS CMDS 2]
349MG	1:69	28		UVFLUSH [6UVRT, DISCRD, UVS]
165BI	2	36		TARGET [CONE 90.00, CLOCK 92.99, POSITION SLEW ALLOCATION 2]
				34UVS,D3,F,N,N,N,S,0,OFF,ON,ON,ON,OFF,NO,1,D5,4E,05,63 [22STEP N/G]
349MH	60:69	28		UVFLUSH [6UVRT, PACKET, UVS]
	62			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]



165BI:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/2740 TC= 2(90 92.99 )  
 A= 364 pD= 0 SR=17.450 RA50=214.44 DEC50=-16.69 cone= 90.00 clock= 92.99

ARGET G2.0 jmart:12/20/1996 17: 8: 5

ILE:P.E6TUE6NANS32

ENTRAL BODY:JUPITER

INI:m.target

EPH:/DATA/NAVIO/T-961107-TOUR.NS

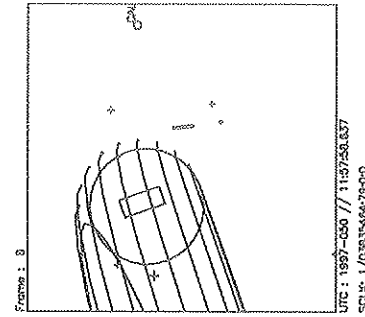
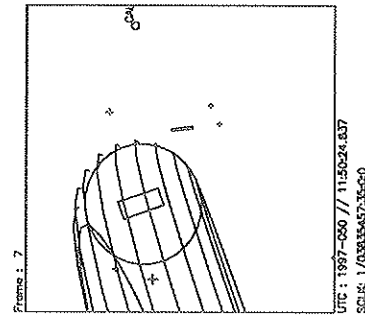
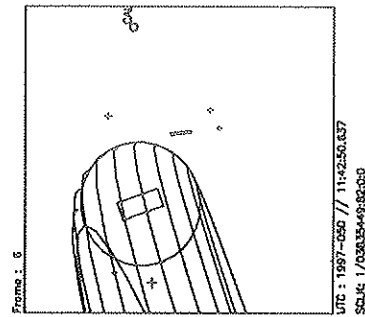
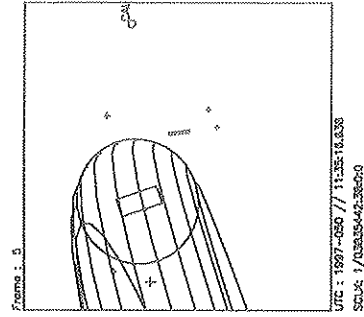
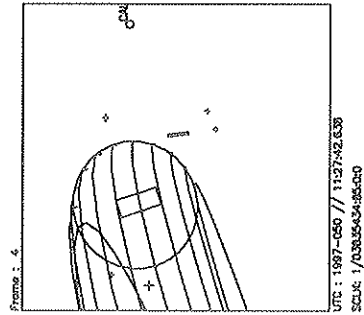
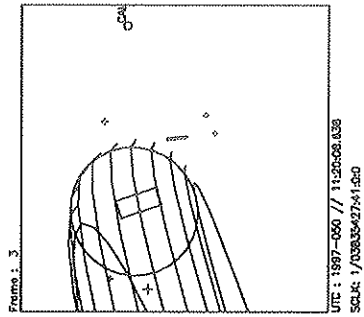
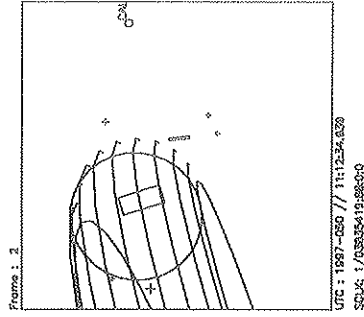
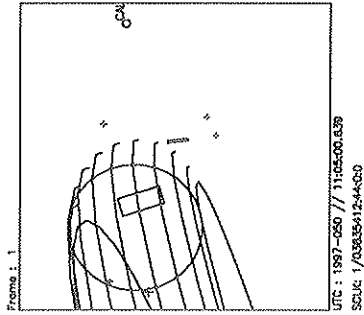
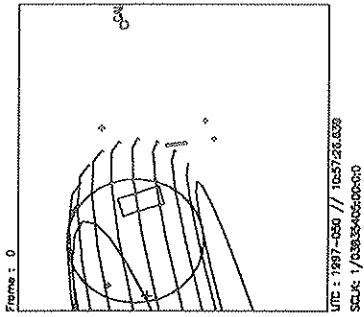
ERIAPSIS:

THINNING: :UVS 1

TART:JEE 97-051/20:52:52.600 -CDS 2013:00:0

BODY PLOT TIME:TARGET-TIME D= 0 S= 0.100

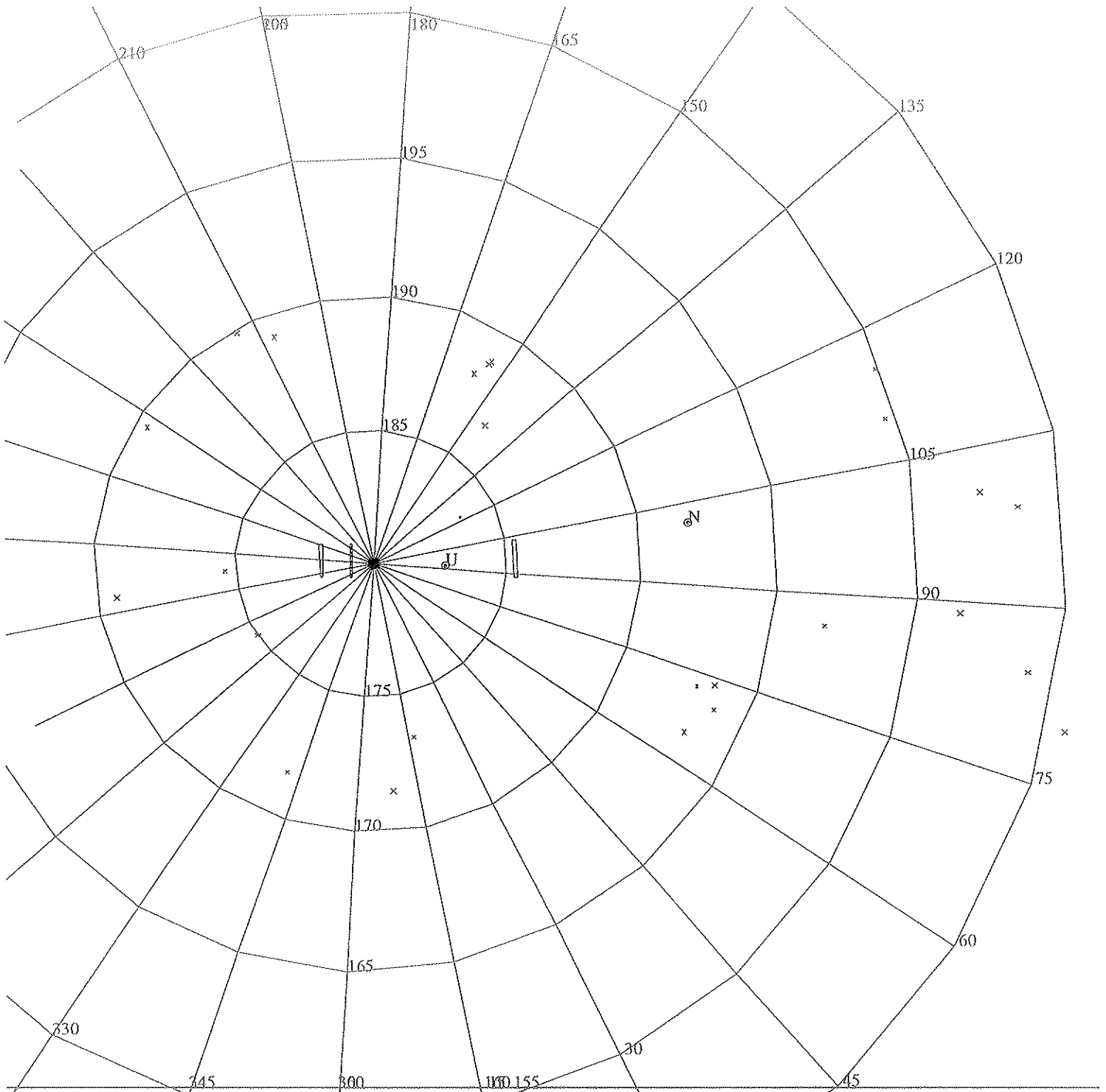




Start UTC\_TIME : 1997-050 // 10:57:26.639  
No End Time :  
Start SCLK : 1/03835405:00:00

Target Body : JUPITER  
Target Cone/Clock : 107.88/ 93.84 Deg  
S/C to Body Center : 1475067. Km ( 20.632616 Rj )  
Z-axis Pointing ( Ra / Dec ) : 130.30 / 18.80 Deg

<b>Activity ID:</b> Orbit E6		<b>OAPEL HUMAGNEB</b>		<b>SeqNo</b> 01-	
<b>Title</b>		UVS MAGNETONEBULA OBSERVATION 1		<b>Instrument</b> UVS	
<b>Requestor</b>		UVS-MWG/S.STEPHENS		<b>Team</b> UVS	
				<b>Working Group</b> MWG	
<b>Time System</b> CDS		<b>Load ID</b> E6B		<b>Calendar Date</b> 02/27/97	
				<b>Week</b> 9	
<b>Start</b>		JEE+CDS 00009443:00:0		97-058/12:00:47.933	
				JEE+006/15:07:55.333	
<b>End</b>		JEE+CDS 00017993:00:0		97-064/12:05:47.933	
				JEE+012/15:12:55.333	
<b>Duration</b>		00008550:00:0		006/00:05:00.000	
				006/00:05:00.000	
<b>Top Label</b>		E6HUMAGNEB01-			
<b>Bottom Label</b>		(UVS RTS Magnetonebula)			
<b>Plot Key</b>		UVS		<b>Type</b> SCI	
<b>CDS Bytes</b>		218		<b>Report Options</b> BOTH	
				<b>Scan Platform</b> Yes	
<b>CDS Source</b>		PA		<b>Spin State</b> DUAL	
				<b>DMS</b> No	
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS MAGNETONEBULA OBSERVATION 1, E6 CRUISE                      From: nearly anti-solar direction, cone 175.00                      To: constant cone angle, rotating clock angle (due to Scan-Type 3)                      Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS                      OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS selected, PMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS,                      after initial DISCRD                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (neutral O 1304, neutral S 1428)                      2POSN-16STEP G/G MINISCAN (UVS): G 1292.0-1315.0 (CTR 1304.3, STEP 112) [EVEN FRAMES].                      G 1417.1-1439.8 (CTR 1429.2, STEP 194) [ODD FRAMES]                      Strategy for MINISCANS: Assume no need to maintain PWS quiet</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS	PA		
384BP	-2	0		COMMENT [UVS RIM 0]	
176BA	-2	15		SCITLM [PAUSE PB]	
432BC	2	38		OPTRTM [UVS INCLUDE]	
157BQ	4	24		CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]	
349NJ	4:69	28		UVFLUSH [6UVRT, DISCRD, UVS]	
165BM	5	36		TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3	
	5			34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52 [16STEP G/G]	
176BB	7	15		SCITLM [RESUME PB]	
157BP	8548	24		CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]	
	8549			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
432BD	8549	38		OPTRTM [UVS EXCLUDE]	



165BM:TT= 0 TMC=1 C= 0.00 XC= 0.00 BS= 0/8641 TC= 2(174.74 95.55 )  
 A= 728 pD=\*\*\*\*\* SR=17,450 RA50=304.89 DEC50=-20.09 cone=174.74 clock= 95.55

ESIGN G2.0 jdods:12/16/1996 13:30:20

FILE:P.E6HUMAGNEB01

CENTRAL BODY:JUPITER III

INI:m.E6HUMAGNEB01

EPH:/DATA/NAVIO/T-961107-TOUR.NS

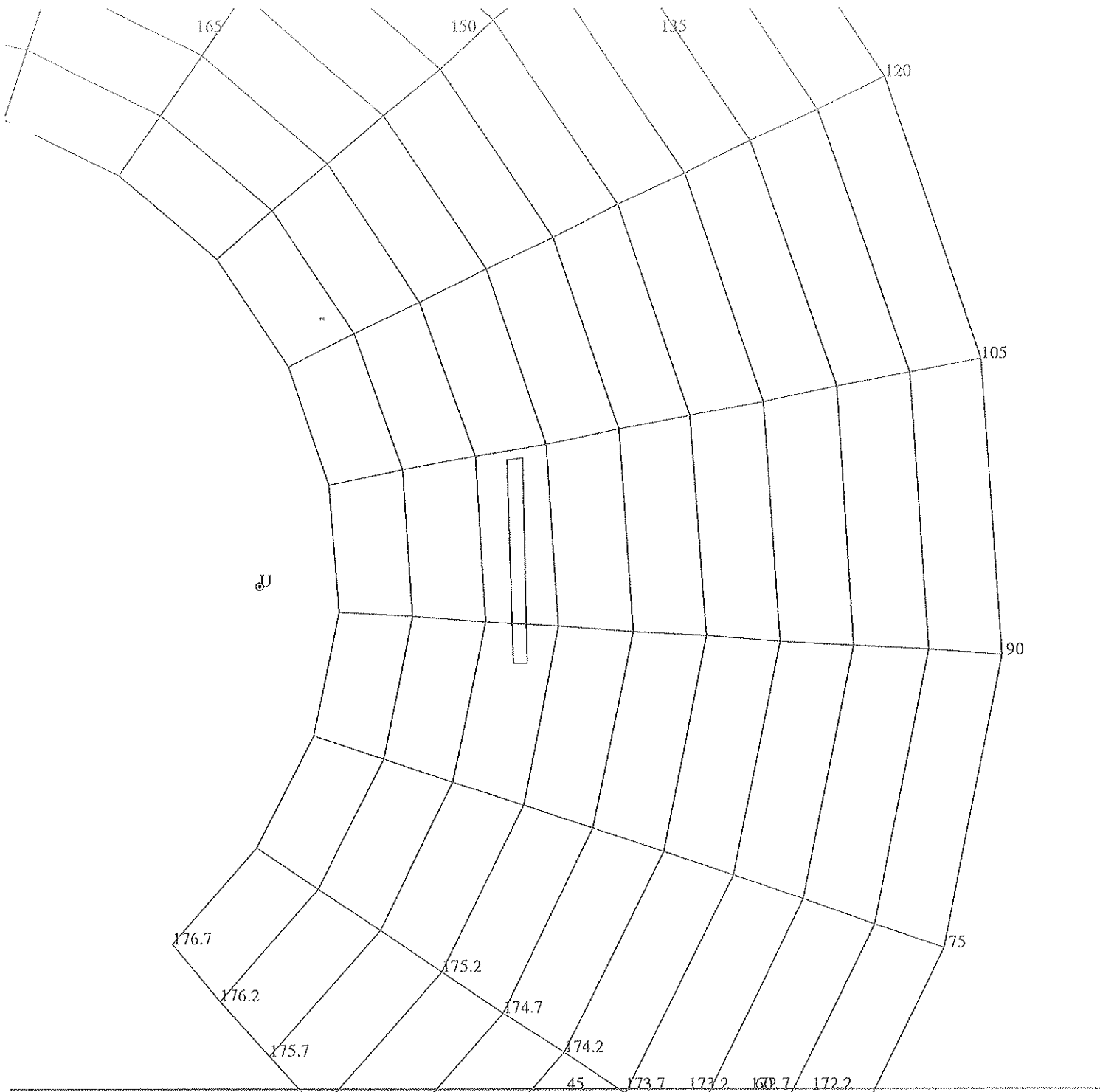
ERIAPSIS:

THINNING: :UVS 25

TART:JEE 97-051/20:52:52.600 +CDS 9448:00:0

BODY PLOT TIME:TARGET-TIME D=\*\*\*\*\* S= 0.050

Activity ID: Orbit E6		OAPEL HUMAGNEB		SeqNo 21-	
Title	UVS MAGNETONEBULA OBSERVATION 2-1			Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS	Team	UVS	Working Group	MWG
Time System	CDS	Load ID	E6B	Calendar Date	03/05/97 Week 10
Start	JEE+CDS 00017993:00:0		97-064/12:05:47.933		JEE+012/15:12:55.333
End	JEE+CDS 00020847:00:0		97-066/12:11:30.600		JEE+014/15:18:38.000
Duration	00002854:00:0		002/00:05:42.667		002/00:05:42.667
Top Label	E6HUMAGNEB21-				
Bottom Label	(UVS RTS Magnetonebula)				
Plot Key	UVS	Type	SCI		
CDS Bytes	152	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS MAGNETONEBULA OBSERVATION 2 (PART 1), E6 CRUISE                      From: nearly anti-solar direction, cone 175.00                      To: constant cone angle, rotating clock angle (due to Scan-Type 3)                      Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS                      OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS,                      after initial DISCRD                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (neutral O 1304, neutral S 1428)                      2POSN-16STEP G/G MINISCAN (UVS): G 1292.0-1315.0 (CTR 1304.3, STEP 112) [EVEN FRAMES],                      G 1417.1-1439.8 (CTR 1429.2, STEP 194) [ODD FRAMES]                      Strategy for MINISCANS: Assume no need to maintain PWS quiet</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS PA			
384BQ	-2	0	COMMENT [UVS RIM 0]		
432BE	2	38	OPTRTM [UVS INCLUDE]		
157BR	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]		
349NK	4:69	28	UVFLUSH [6UVRT, DISCRD, UVS]		
	5		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52 [16STEP G/G]		
157BS	2852	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]		
	2853		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]		
432BF	2853	38	OPTRTM [UVS EXCLUDE]		
<p>{NOTE: redundant TARGET (and associated S/T 3 UTILITY and Pause/Resume Playback) removed}</p>					



165BN:TT= 0 TMC=1C= 8.00 XC= 0.00 BS= 04740 TC= 2(175.46 95.41 )  
 A= 728 pD=518700 SR=17.450 RA50=305.64 DEC50=-19.93 cone=175.46 clock= 95.41

ESIGN G2.0 jdods:12/16/1996 13:31:13

FILE:P.E6HUMAGNEB21

ENTRAL BODY:JUPITER III

INI:m.E6HUMAGNEB21

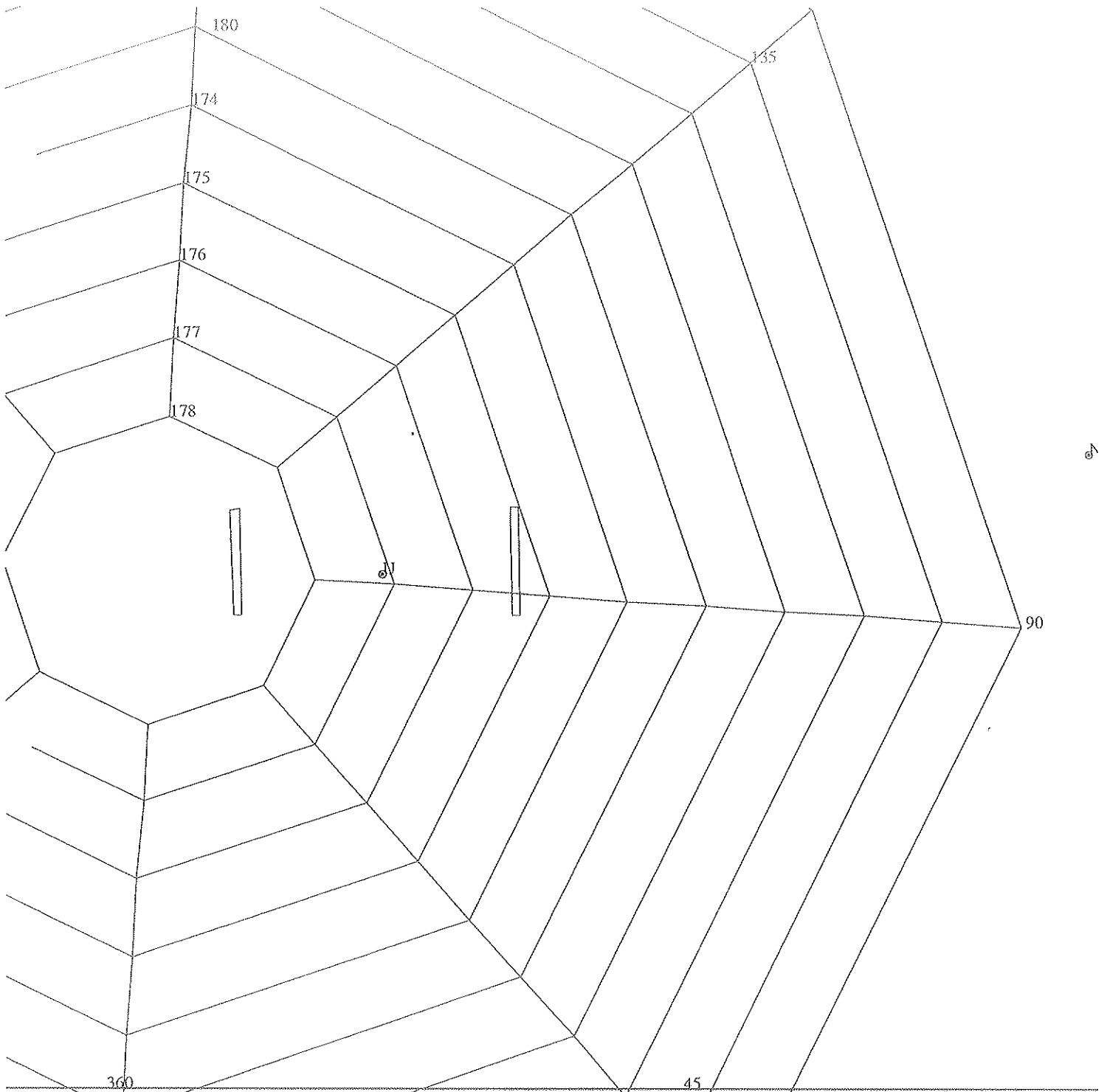
EPH:/DATA/NAVIO/T-961107-TOUR.NS

ERIAPSIS:

THINNING: :UVS 25

TART:JEE 97-051/20:52:52.600 +CDS 17998:00:0 BODY PLOT TIME:TARGET-TIME D=\*\*\*\*\* S= 0.200

<b>Activity ID:</b> Orbit E6		<b>OAPEL HUMAGNEB</b>		<b>SeqNo</b> 22-	
<b>Title</b>	UVS MAGNETONEBULA OBSERVATION 2-2			<b>Instrument</b>	UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b>	UVS	<b>Working Group</b>	MWG
<b>Time System</b>	CDS	<b>Load ID</b>	E6C	<b>Calendar Date</b>	03/07/97
				<b>Week</b>	10
<b>Start</b>	JEE+CDS 00021147:00:0		97-066/17:14:50.600		JEE+014/20:21:58.000
<b>End</b>	JEE+CDS 00025425:00:0		97-069/17:20:22.600		JEE+017/20:27:30.000
<b>Duration</b>	00004278:00:0		003/00:05:32.000		003/00:05:32.000
<b>Top Label</b>	E6HUMAGNEB22-				
<b>Bottom Label</b>	(UVS RTS Magnetonebula)				
<b>Plot Key</b>	UVS	<b>Type</b>	SCI		
<b>CDS Bytes</b>	152	<b>Report Options</b>	BOTH	<b>Scan Platform</b>	Yes
<b>CDS Source</b>	PA	<b>Spin State</b>	DUAL	<b>DMS</b>	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS MAGNETONEBULA OBSERVATION 2 (PART 2), E6 CRUISE                      From: nearly anti-solar direction, cone 175.00                      To: constant cone angle, rotating clock angle (due to Scan-Type 3)                      Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS                      OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS,                      after initial DISCRD                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (neutral O 1304, neutral S 1428)                      2POSN-16STEP G/G MINISCAN (UVS): G 1292.0-1315.0 (CTR 1304.3, STEP 112) [EVEN FRAMES],                      G 1417.1-1439.8 (CTR 1429.2, STEP 194) [ODD FRAMES]                      Strategy for MINISCANS: Assume no need to maintain PWS quiet</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS	PA		
384BU	-2	0		COMMENT [UVS RIM 0]	
432BM	2	38		OPTRTM [UVS INCLUDE]	
157BZ	4	24		CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]	
349NO	4:69	28		UVFLUSH [6UVRT, DISCRD, UVS]	
		5		34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52 [16STEP G/G]	
157MA	4276	24		CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]	
	4277			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
432BN	4277	38		OPTRTM [UVS EXCLUDE]	
[NOTE: redundant TARGET (and associated S/T 3 UTILITY and Pause/Resume Playback) removed]					



165BR:TT= 0 IMC=TC= 0.00 XC= 0.00 BS= 0/8767 TC= 2(175.46 95.41 )  
 A= 728 pD=777860 SR=17.450 RA50=305.64 DEC50=-19.93 cone=175.46 clock= 95.41

ESIGN G2.0 jdods:12/16/1996 13:31:23

ILE:R.E6HUMAGNEB22

ENTRAL BODY:JUPITER III

INI:m.E6HUMAGNEB22

EPH:/DATA/NAVIO/T-961107-TOUR.NS

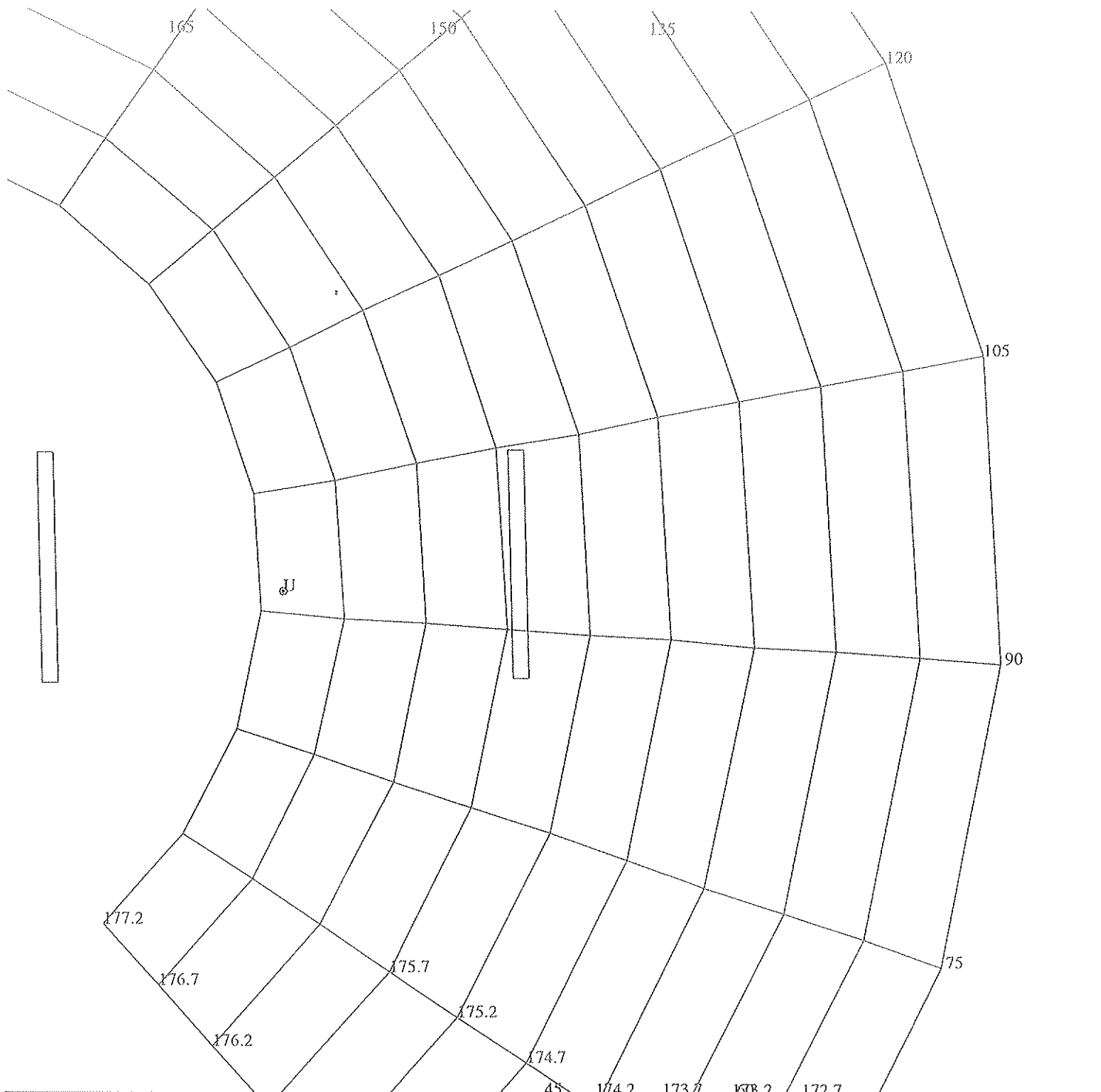
ERIAPSIS:

THINNING: :UVS 25

TART:JEE 97-051/20:52:52.600 +CDS 21152:00:0 BODY PLOT TIME:TARGET-TIME D=\*\*\*\*\* S= 0.100

Activity ID: Orbit E6		OAPEL HUMAGNEB		SeqNo 03-	
Title	UVS MAGNETONEBULA OBSERVATION 3			Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS	Team	UVS	Working Group	MWG
Time System	CDS	Load ID	Calendar Date	03/11/97	Week 11
Start	JEE+CDS 00025880:00:0	97-070/01:00:25.933	JEE+018/04:07:33.333		
End	JEE+CDS 00028734:00:0	97-072/01:06:08.600	JEE+020/04:13:16.000		
Duration	00002854:00:0	002/00:05:42.667	002/00:05:42.667		
Top Label	E6HUMAGNEB03-				
Bottom Label	(UVS RTS Magnetonebula)				
Plot Key	UVS	Type	SCI		
CDS Bytes	218	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS MAGNETONEBULA OBSERVATION 3, E6 CRUISE                      From: nearly anti-solar direction, cone 175.00                      To: constant cone angle, rotating clock angle (due to Scan-Type 3)                      Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS                      OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS,                      after initial DISCRD                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (neutral O 1304, neutral S 1428)                      2POSN-16STEP G/G MINISCAN (UVS): G 1292.0-1315.0 (CTR 1304.3, STEP                      112) [EVEN FRAMES], G 1417.1-1439.8 (CTR 1429.2, STEP                      194) [ODD FRAMES]                      Strategy for MINISCANS: Assume no need to maintain PWS quiet</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS PA			
384BR	-2	0	COMMENT [UVS RIM 0]		
176BE	-2	15	SCITLM [PAUSE PB]		
432BG	2	38	OPTRTM [UVS INCLUDE]		
157BT	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]		
349NL	4:69	28	UVFLUSH [6UVRT, DISCRD, UVS]		
165BO	5	36	TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/F 3 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52 [16STEP G/G]		
176BF	7	15	SCITLM [RESUME PB]		
157BU	2852	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]		
	2853		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]		
432BH	2853	38	OPTRTM [UVS EXCLUDE]		





165BO:TT= 0 IMC= 1 C= 0.00 XC= 0.00 BS= 0/0173 TC= 2(175.67 95.35 )  
 A= 728 pD=777868 SR=17.450 RA50=305.86 DEC50=-19.89 core=175.67 clock= 95.35

ESIGN G2.0 jdods:12/16/1996 13:30:28

ILE:P.E6HUMAGNEB03

ENTRAL BODY:JUPITER III

INI:m.E6HUMAGNEB03

EPH:/DATA/NAVIO/T-961107-TOUR.NS

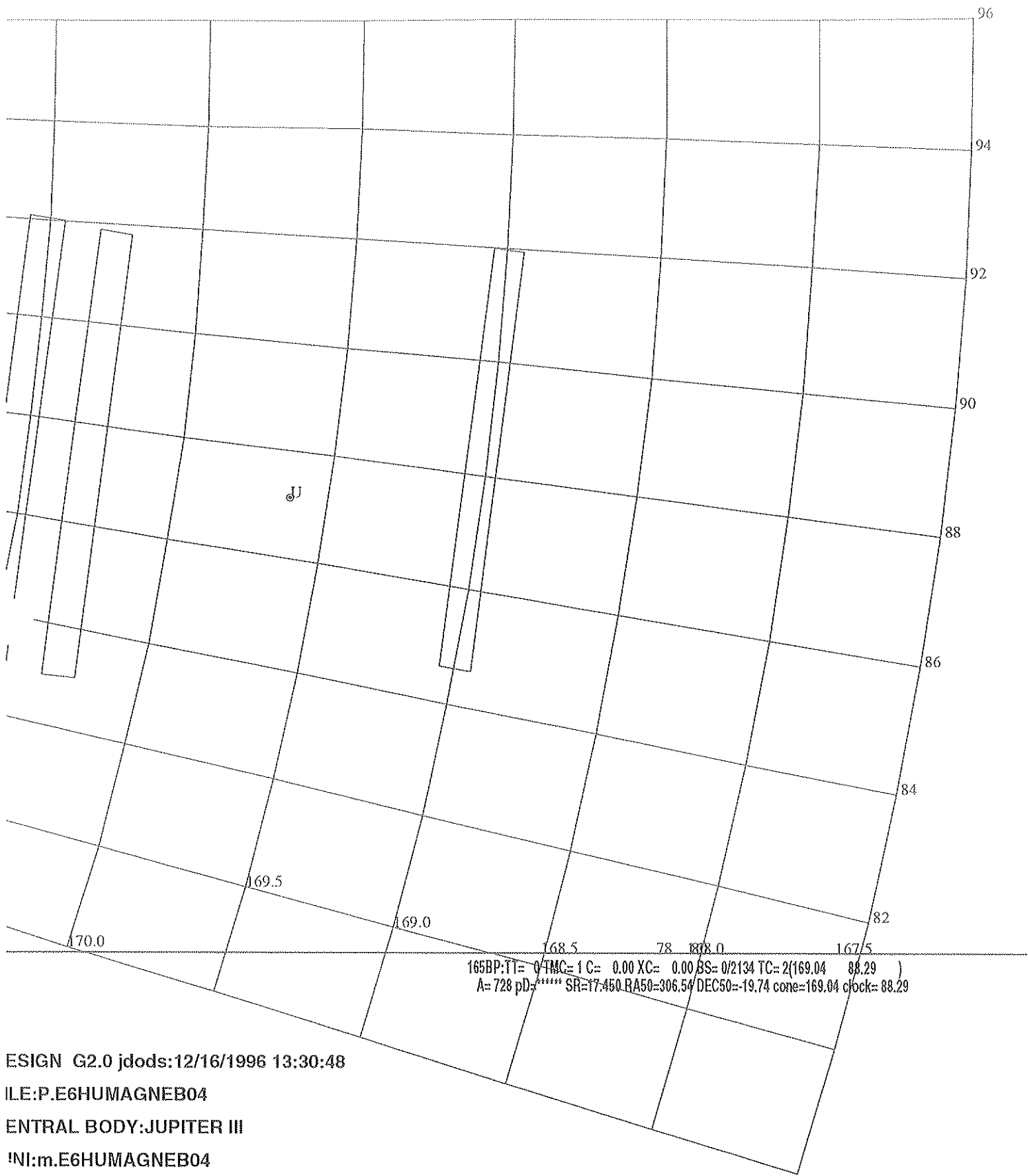
ERIAPSIS:

THINNING:

:UVS 25

TART:JEE 97-051/20:52:52.600 +CDS 25885:00:0 BODY PLOT TIME:TARGET-TIME D=\*\*\*\*\* S= 0.200

<b>Activity ID:</b> Orbit E6	<b>OAPEL</b> HUMAGNEB	<b>SeqNo</b> 04-
<b>Title</b>	UVS MAGNETONEBULA OBSERVATION 4	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b> UVS <b>Working Group</b> MWG
<b>Time System</b> CDS	<b>Load ID</b> E6C	<b>Calendar Date</b> 03/17/97 <b>Week</b> 11
<b>Start</b>	JEE+CDS 00035671:00:0	97-076/22:00:13.266 JEE+025/01:07:20.666
<b>End</b>	JEE+CDS 00042797:00:0	97-081/22:05:23.933 JEE+030/01:12:31.333
<b>Duration</b>	00007126:00:0	005/00:05:10.667 005/00:05:10.667
<b>Top Label</b>	E6HUMAGNEB04-	
<b>Bottom Label</b>	(UVS RTS Magnetonebula)	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	242	<b>Report Options</b> BOTH <b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b> DUAL <b>DMS</b> No
<b>Observation Objective</b>		
	UVS MAGNETONEBULA OBSERVATION 4, E6 CRUISE From: nearly anti-solar direction, cone 175.00 To: constant cone angle, rotating clock angle (due to Scan-Type 3) Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (neutral O 1304, neutral S 1428) 2POSN-16STEP G/G MINISCAN (UVS): G 1292.0-1315.0 (CTR 1304.3, STEP 112) [EVEN FRAMES], G 1417.1-1439.8 (CTR 1429.2, STEP 194) [ODD FRAMES] 2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES], G 1319.6 (STEP 122) [ODD FRAMES]	
<b>Design Detail</b>		
PSID	RIM:mf	CDS PA
384BS	-2	0 COMMENT [UVS RIM 0]
176BG	-2	15 SCITLM [PAUSE PB]
432BI	2	38 OPTRTM [UVS INCLUDE]
157BV	4	24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]
349NM	4:69	28 UVFLUSH [6UVRT, DISCRD, UVS]
165BP	5	36 TARGET [CONE 175.00, CLOCK 90.00, POSITION SLEW ALLOCATION 4], S/T 3 34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,94,45,00,52 [16STEP G/G]
176BH	7	15 SCITLM [RESUME PB]
157MC	4276	24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G]
157BW	7124	24 CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1] 34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HV OFF]
432BJ	7125	38 OPTRTM [UVS EXCLUDE]



ESIGN G2.0 jdods:12/16/1996 13:30:48

ILE:P.E6HUMAGNEB04

ENTRAL BODY:JUPITER III

INI:m.E6HUMAGNEB04

EPH:/DATA/NAVIO/T-961107-TOUR.NS

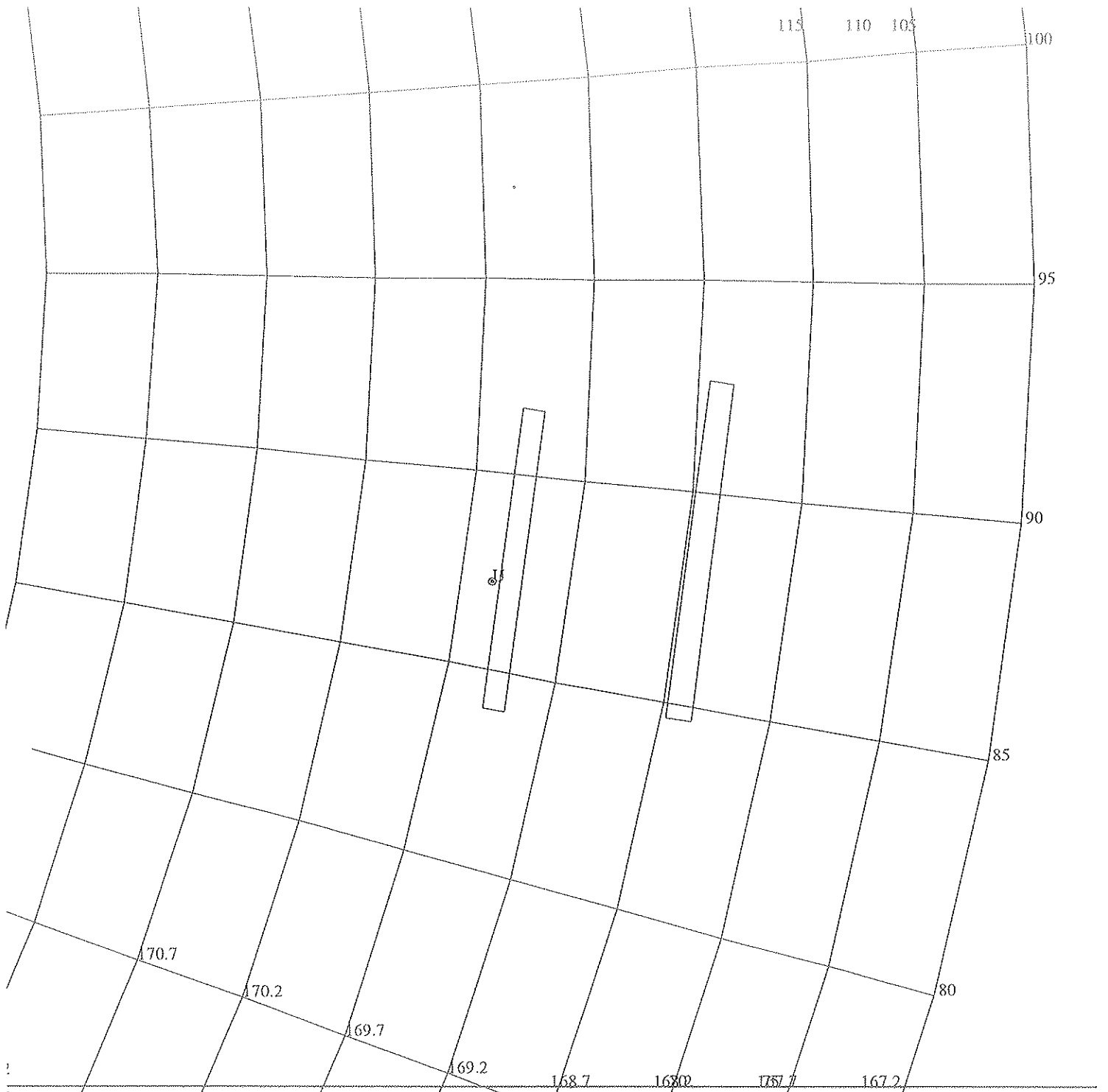
ERIAPSIS:

THINNING:

:UVS 25

TART:JEE 97-051/20:52:52.600 +CDS 35676:00:0 BODY PLOT TIME:TARGET-TIME D=\*\*\*\*\* S= 0.400

Activity ID: Orbit E6		OAPEL HUMAGNEB		SeqNo 05-	
Title	UVS MAGNETONEBULA OBSERVATION 5			Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS	Team	UVS	Working Group	MWG
Time System	CDS	Load ID	E6C	Calendar Date	03/23/97 Week 12
Start	JEE+CDS 00043037:00:0		97-082/02:08:03.933		JEE+030/05:15:11.333
End	JEE+CDS 00048739:00:0		97-086/02:13:25.266		JEE+034/05:20:32.666
Duration	00005702:00:0		004/00:05:21.333		004/00:05:21.333
Top Label	E6HUMAGNEB05-				
Bottom Label	(UVS RTS Magnetonebula)				
Plot Key	UVS	Type	SCI		
CDS Bytes	152	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No
<b>Observation Objective</b>					
<div style="border: 1px solid black; padding: 5px;"> <p>UVS MAGNETONEBULA OBSERVATION 5, E6 CRUISE                      From: nearly anti-solar direction, cone 175.00                      To: constant cone angle, rotating clock angle (due to Scan-Type 3)                      Data rate: Instrument states last 1424 RIMS; thus, 0.21 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                      UVS selected, FMT A; thus, 1424-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD                      WAVELENGTHS (Angstroms):                      Emission lines: UVS (neutral O 1304)                      2POSN-1STEP G/G MINISCAN (UVS): G 1304.3 (STEP 112) [EVEN FRAMES],                      G 1319.6 (STEP 122) [ODD FRAMES]                      Strategy for MINISCANS: Use 1STEP MINISCAN for PWS quiet</p> </div>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS PA			
384BT	-2	0	COMMENT [UVS RIM 0]		
432BK	2	38	OPTRTM [UVS INCLUDE]		
157BX	4	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]		
349NN	4:69	28	UVFLUSH [6UVRT, DISCRD, UVS]		
	5		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,9C,05,00,0A [1STEP G/G]		
157BY	5700	24	CMDRS (10+14*1) [PLAN DUR 1, EST UVS CMDS 1]		
	5701		34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]		
432BL	5701	38	OPTRTM [UVS EXCLUDE]		
[NOTE: redundant TARGET (and associated S/T 3 UTILITY and Pause/Resume Playback) removed]					



165BQ: IV= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/2745 TC= 2(169.48 / 87.86 )  
 A= 720 pD= \*\*\*\*\* SR=17.450 RA50=307.00 DEC50=-19.65 cone=169.48 clock= 87.86

ESIGN G2.0 jdods:12/16/1996 13:30:56

FILE:P.E6HUMAGNEB05

CENTRAL BODY:JUPITER III

IN:m.E6HUMAGNEB05

EPH:/DATA/NAVIO/T-961107-TOUR.NS

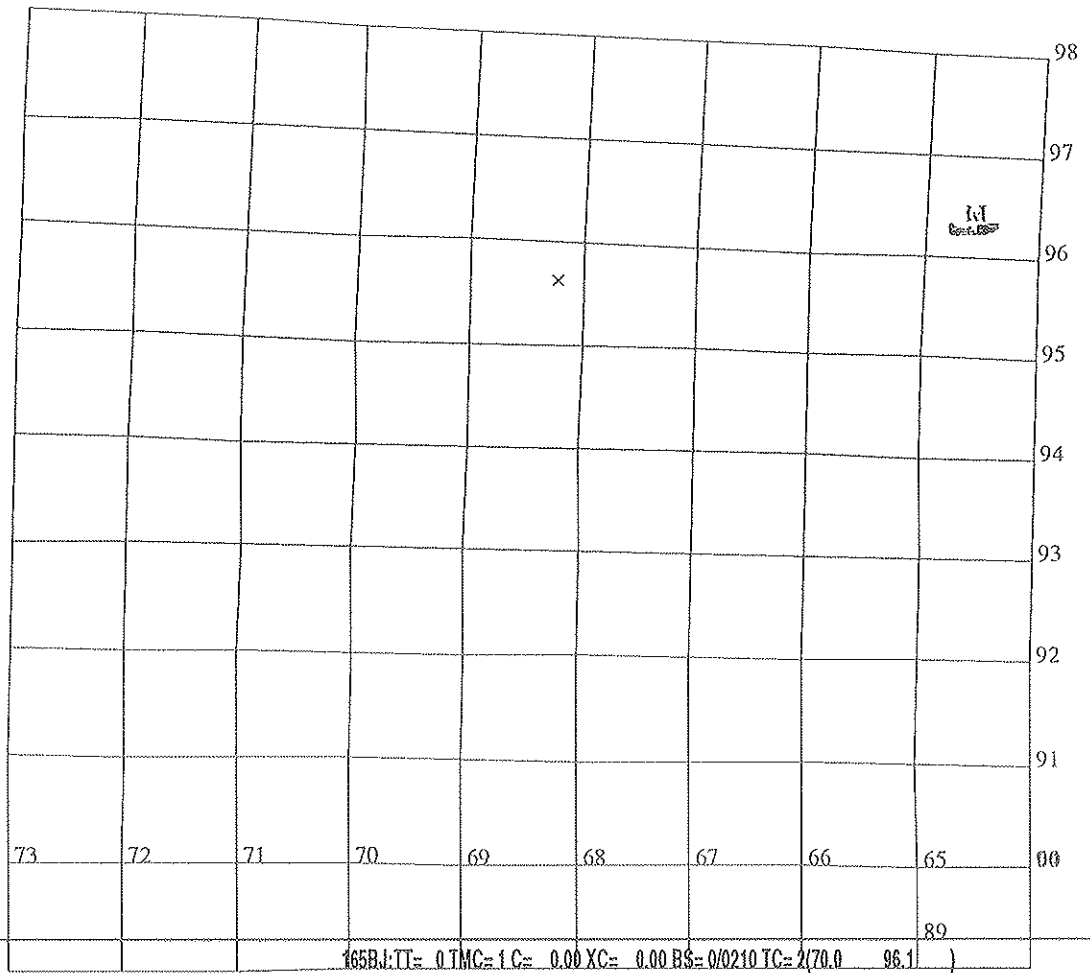
ERIAPSIS:

THINNING:

:UVS 25

TART:JEE 97-051/20:52:52.600 +CDS 43042:00:0 BODY PLOT TIME:TARGET-TIME D=\*\*\*\*\* S= 0.300

<b>Activity ID:</b> Orbit E6	<b>OAPEL</b> TUGTORUS	<b>SeqNo</b> 01-
<b>Title</b>	UVS GANYMEDE NEUTRAL TORUS G7 INBOUND	<b>Instrument</b> UVS
<b>Requestor</b>	UVS-MWG/S.STEPHENS	<b>Team</b> UVS <b>Working Group</b> MWG
<b>Time System</b> CDS	<b>Load ID</b>	<b>Calendar Date</b> 03/28/97 <b>Week</b> 13
<b>Start</b>	JEE+CDS 00051288:00:0	97-087/21:10:44.600 JEE+036/00:17:52.000
<b>End</b>	JEE+CDS 00052373:00:0	97-088/15:27:47.933 JEE+036/18:34:55.333
<b>Duration</b>	00001085:00:0	000/18:17:03.333 000/18:17:03.333
<b>Top Label</b>	E6TUGTORUS01-	
<b>Bottom Label</b>	(UVS RTS Ganymede Torus)	
<b>Plot Key</b>	UVS	<b>Type</b> SCI
<b>CDS Bytes</b>	391	<b>Report Options</b> BOTH <b>Scan Platform</b> Yes
<b>CDS Source</b>	PA	<b>Spin State</b> DUAL <b>DMS</b> No
<b>Observation Objective</b>		
	UVS GANYMEDE NEUTRAL TORUS MIDNIGHT ANSA PROFILE 1, LOW RATE, G7 INBOUND: From: 16.80 Rj (outside Ganymede ansa) at cone 70 (ansa at 14.97 Rj) To: 12.93 Rj (inside Ganymede ansa) at cone 70 Data rate: Instrument states last 120 RIMS; thus, 2.43 bps UVS OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET): UVS deselected; thus, 120-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRD WAVELENGTHS (Angstroms): Emission lines: UVS (H2 1216, neutral O 1304) 2 POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP 54) [EVEN FRAMES], G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES] Strategy for MINISCANS: Alternate 30-RIM MINISCANS and 30-RIM HVOFFs for PWS quiet	
<b>Design Detail</b>		
PSID	RIM:mf	CDS PA
384BN	0	0 COMMENT [UVS RIM 0]
61BB	2	37 LOOPER [LOOP PERIOD 60, NUM LOOPS 18]
157BM	4	38 CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]
349MP	4:69	28 UVFLUSH [6UVRT, DISCRD, UVS]
165BJ	5	36 TARGET [CONE 70.00, CLOCK 96.10, POSITION SLEW ALLOCATION 4]
	5	34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]
	35	34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]
349MQ	123:69	252 UVFLUSH (28*9) [6UVRT, PACKET, UVS]
...MY		... [REPEAT 8 ADDITIONAL TIMES]



165B.I.TI= 0.7MC= 1.C= 0.00XC= 0.00BS= 0/0210 TC= 2(70.0 96.1 )  
 A= 728 pD=218400 SR=17.450 RA50=202.49 DEC50=-11.15 cone= 70.00 clock= 96.10

ESIGN G2.0 jdods:12/16/1996 13:32:27

FILE:P.E6TUGTORUS01

TARGET BODY : GANYMEDE

INI:m.E6TUGTORUS01

EPH:/DATA/NAVIO/T-961107-TOUR.NS

ERIAPSIS:

THINNING:

:UVS 25

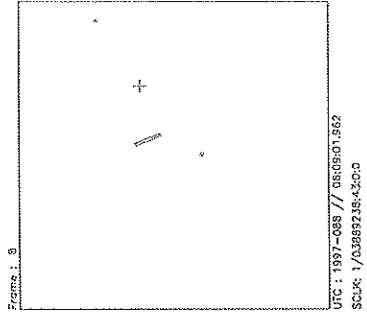
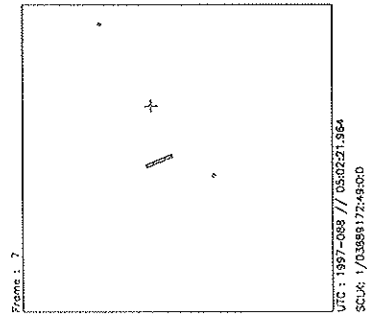
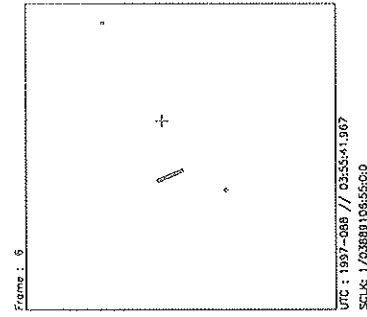
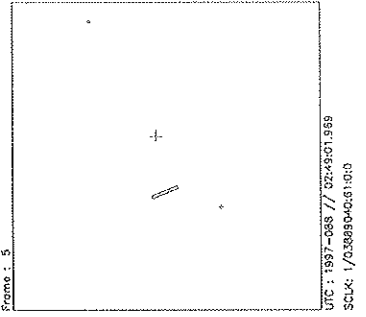
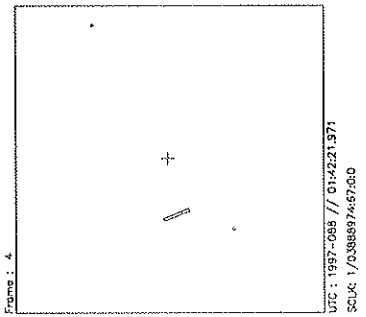
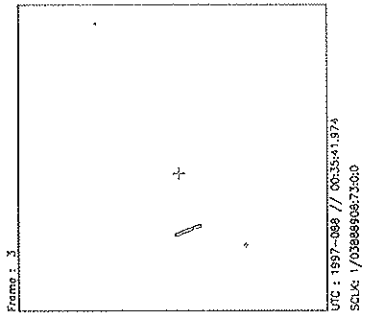
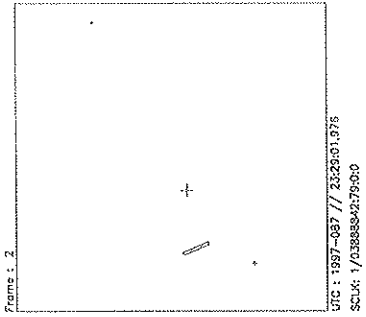
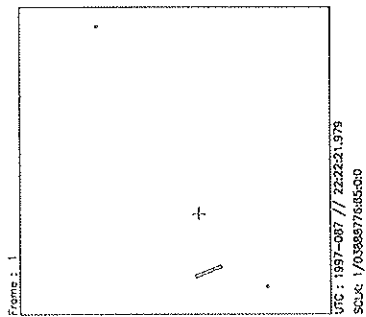
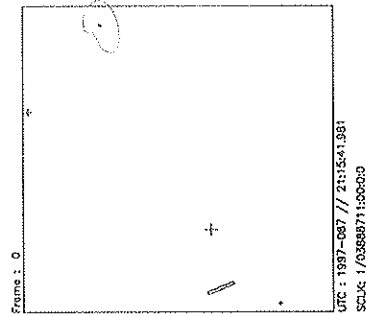
TART:JEE 97-051/20:52:52.600 +CDS 51105:00:0 BODY PLOT TIME:CENTER-TIME D=\*\*\*\*\* S= 0.005

*EX-GANYMEDE*

*E6TV670K101*

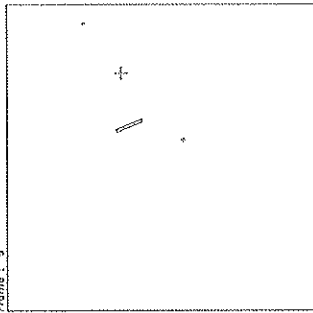
Start UTC\_TIME : 1997-087 // 21:15:41.981  
No. End Time :  
Start SCLK : 1/03888711:00:0:0

Target Body : GANYMEDE  
Target Cone/Clock : 61.01 / 96.53 Deg  
S/C to Body Center : 4940447. Km ( 1875.6444 Rg )  
Z-axis Pointing ( Rc / Dec ) : 136.90 / 15.10 Deg



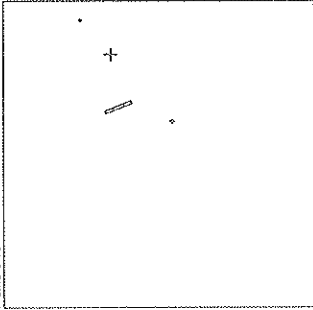


Frame : 9



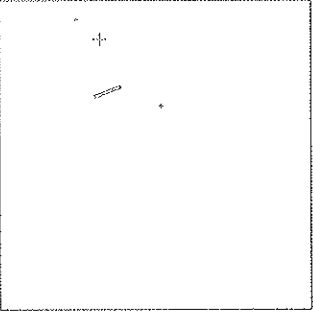
UTC : 1997-088 // 07:15:41.959  
 SCLK : 1/038897054:375:0

Frame : 10



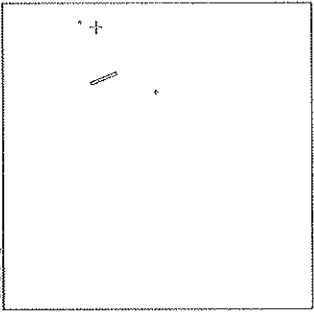
UTC : 1997-088 // 08:22:21.957  
 SCLK : 1/038897054:31:0:0

Frame : 11



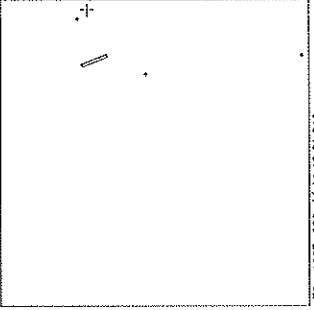
UTC : 1997-088 // 09:28:01.854  
 SCLK : 1/038894352:5:0:0

Frame : 12



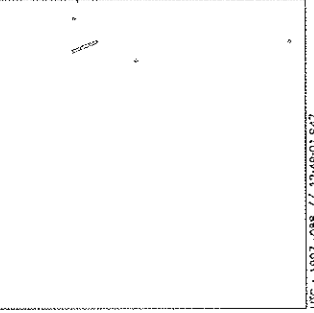
UTC : 1997-088 // 10:25:41.952  
 SCLK : 1/03889502:19:0:0

Frame : 13



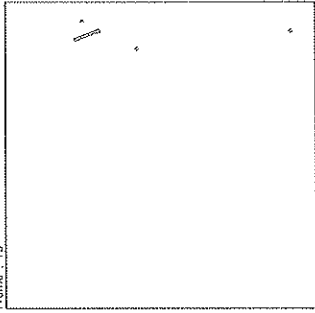
UTC : 1997-088 // 11:42:21.949  
 SCLK : 1/03889568:13:0:0

Frame : 14



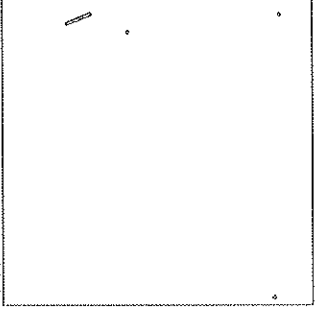
UTC : 1997-088 // 12:48:01.847  
 SCLK : 1/03889634:07:0:0

Frame : 15



UTC : 1997-088 // 13:52:41.844  
 SCLK : 1/03889705:0:0:0

Frame : 16

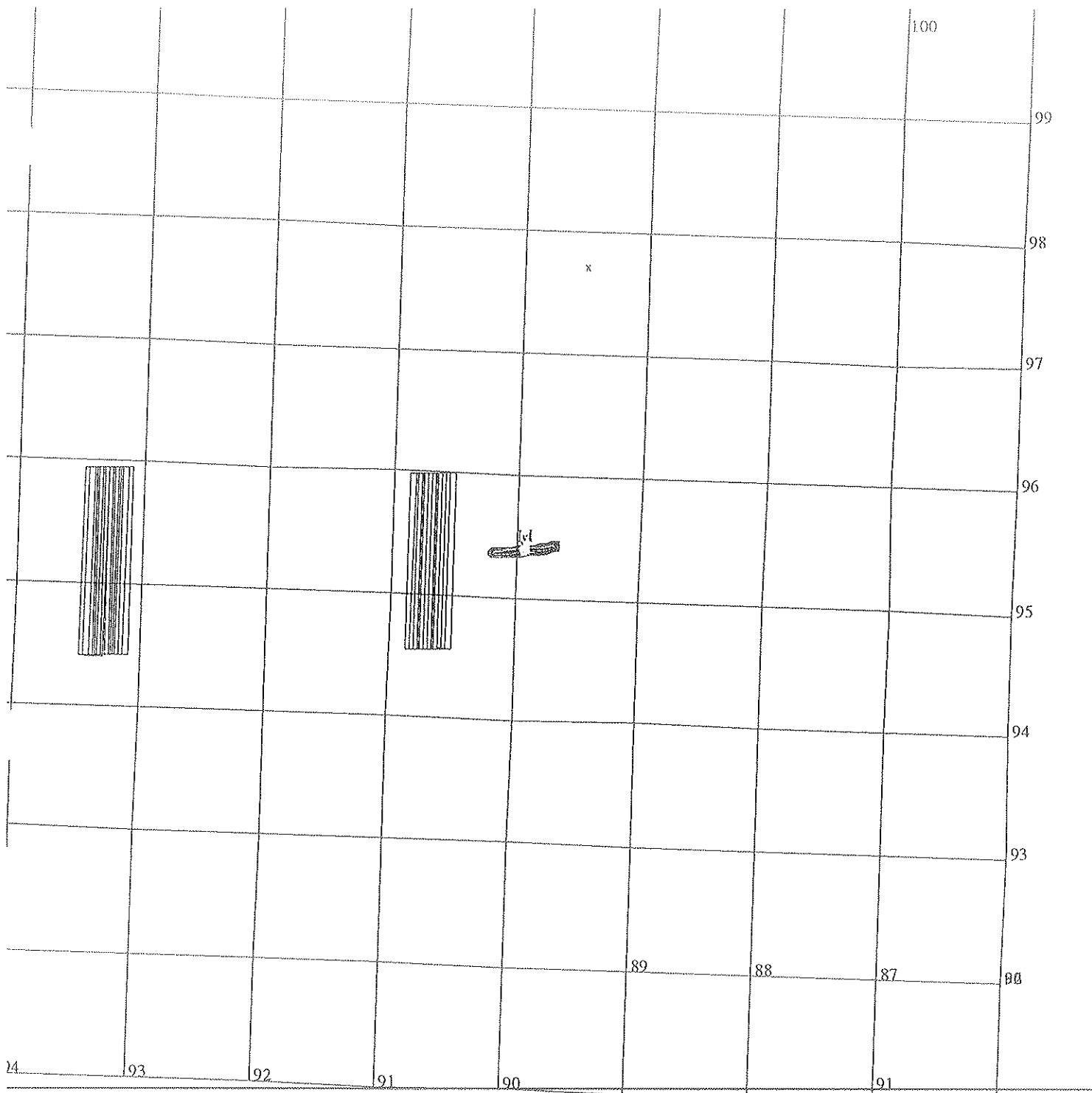


UTC : 1997-088 // 15:02:21.942  
 SCLK : 1/03889765:86:0:0

Start UTC\_TIME : 1997-087 // 21:15:41.981  
 No End Time :  
 Start SCLK : 1/03888711:00:0:0

Target Body : GANYMEDE  
 Target Cone/Clock : 66.23 / 96.27 Deg  
 S/C to Body Center : 4557166 Km ( 1730.1314 Rg )  
 Z-axis Pointing ( Ra / Dec ) : 136.90 / 15.10 Deg

Activity ID: Orbit E6		OAPEL TUCTORUS		SeqNo 01-	
Title	UVS CALLISTO NEUTRAL TORUS G7 INBOUND			Instrument	UVS
Requestor	UVS-MWG/S.STEPHENS	Team	UVS	Working Group	MWG
Time System	CDS	Load ID	Calendar Date	03/29/97	Week 13
Start	JEE+CDS 00052702:00:0	97-088/21:00:27.266	JEE+037/00:07:34.666		
End	JEE+CDS 00053787:00:0	97-089/15:17:30.600	JEE+037/18:24:38.000		
Duration	00001085:00:0	000/18:17:03.334	000/18:17:03.334		
Top Label	E6TUCTORUS02-				
Bottom Label	(UVS RTS Callisto Torus)				
Plot Key	UVS	Type	SCI		
CDS Bytes	502	Report Options	BOTH	Scan Platform	Yes
CDS Source	PA	Spin State	DUAL	DMS	No
<b>Observation Objective</b>					
<p>UVS CALLISTO NEUTRAL TORUS MIDNIGHT ANSA PROFILE 1, LOW RATE, G7 INBOUND:                  From: 28.32 Rj (outside Callisto ansa) at cone 90 (ansa at 25.64 Rj)                  To: 22.30 Rj (inside Callisto ansa) at cone 90                  Data rate: Instrument states last 120 RIMS; thus, 2.43 bps UVS                  OPTRTM/UVFLUSH STRATEGY (17,712 bits per UVS or EUV PACKET):                  UVS deselected; thus, 120-RIM UVFLUSHes needed to PACKET UVS, after initial DISCRDs                  WAVELENGTHS (Angstroms):                  Emission lines: UVS (H2 1216, neutral O 1304)                  2 POSN-16STEP G/G MINISCAN (UVS): G 1202.8-1225.9 (CTR 1215.1, STEP 54) [EVEN FRAMES],                  G 1290.5-1313.5 (CTR 1302.8, STEP 111) [ODD FRAMES]                  Strategy for MINISCANS: Alternate 30-RIM MINISCANS and 30-RIM HVOFFs for PWS quiet,</p>					
<b>Design Detail</b>					
PSID	RIM:mf	CDS	PA		
384BO	0	0		COMMENT [UVS RIM 0]	
61BC	2	37		LOOPER [LOOP PERIOD 60, NUM LOOPS 4]	
157BN	4	38		CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]	
349NA	4:69	28		UVFLUSH [6UVRT, DISCRD, UVS]	
165BK	5	36		TARGET [CONE 90.00, CLOCK 95.30, POSITION SLEW ALLOCATION 4]	
	5			34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]	
	35			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
349NB	123:69	28		UVFLUSH [6UVRT, PACKET, UVS]	
349NC	243:69	28		UVFLUSH [6UVRT, PACKET, UVS]	
61BD	362	37		LOOPER [LOOP PERIOD 60, NUM LOOPS 12]	
157BO	364	38		CMDRS (10+14*2) [PLAN DUR 31, EST UVS CMDS 2]	
349ND	364:69	28		UVFLUSH [6UVRT, DISCRD, UVS]	
165BL	365	36		TARGET [CONE 90.00, CLOCK 95.30, POSITION SLEW ALLOCATION 4]	
	365			34UVS,D1,F,N,N,N,S,0,OFF,OFF,ON,ON,OFF,NO,1,5A,45,00,39 [16STEP G/G]	
	395			34UVS,C1,F,N,N,N,S,0,OFF,OFF,ON,OFF,OFF,NO,1,2C,05,00,00 [HVOFF]	
349NE	483:69	168		UVFLUSH (28*6) [6UVRT, PACKET, UVS]	
...NI,MZ				... [REPEAT 5 ADDITIONAL TIMES]	



165BK:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/1774 TC= 2(90 95.3 )  
 A= 728 pD=174902 SR=17.450 RA50=221.84 DEC50=-18.30 cone= 90.00 clock= 95.30  
 165BL:TT= 0 TMC= 1 C= 0.00 XC= 0.00 BS= 0/7294 TC= 2(90 95.3 )  
 A= 728 pD= 0 SR=17.450 RA50=221.84 DEC50=-18.30 cone= 90.00 clock= 95.30

ESIGN G2.0 jdods:12/16/1996 13:31:35

ILE:P.E6TUCTORUS01

ARGET BODY : CALLISTO

INI:m.E6TUCTORUS01

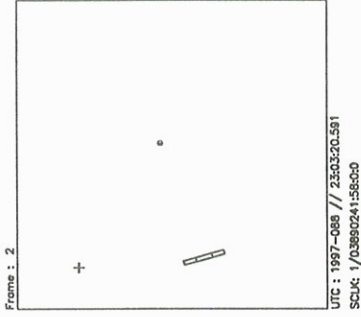
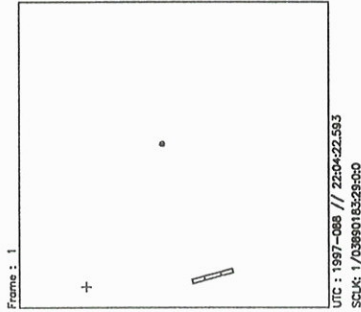
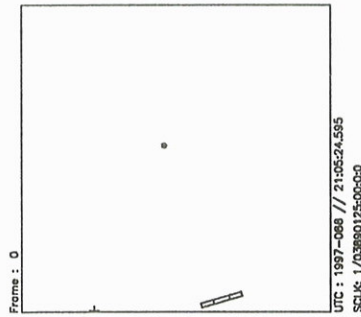
EPH:/DATA/NAVIO/T-961107-TOUR.NS

ERIAPSIS:

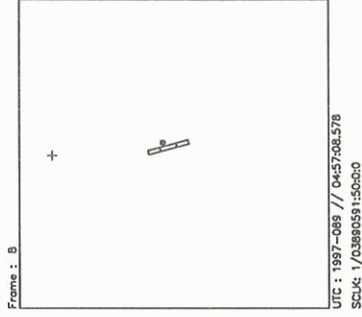
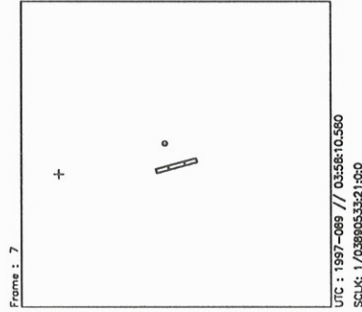
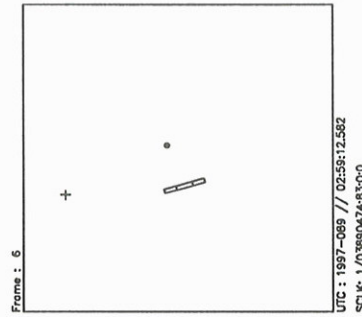
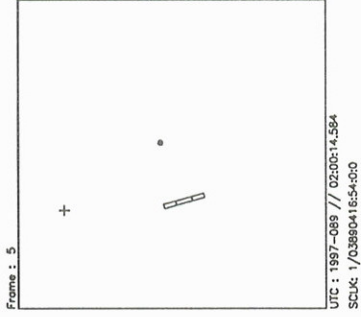
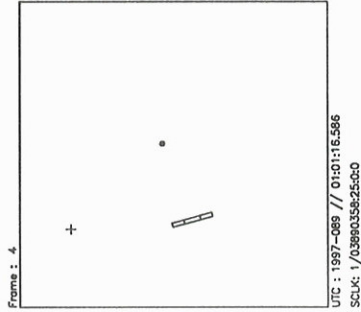
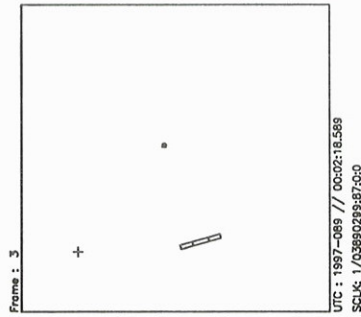
THINNING:

:UVS 25

TART:JEE 97-051/20:52:52.600 +CDS 52707:00:0 BODY PLOT TIME:CENTER-TIME D= 0 S= 0.010

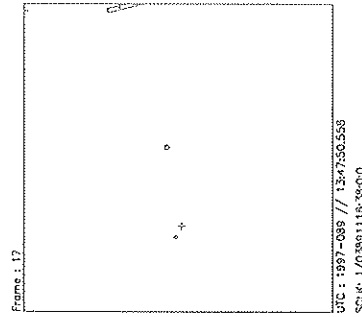
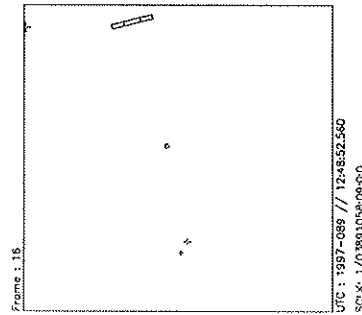
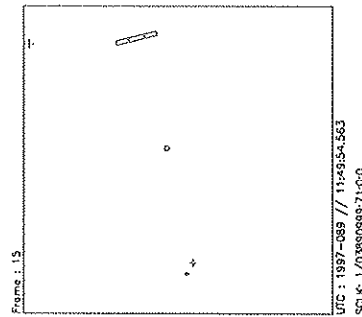
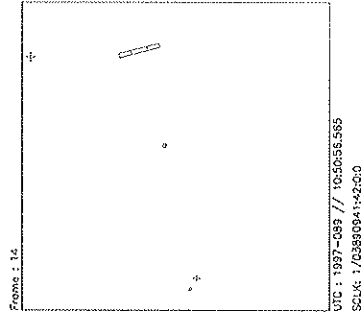
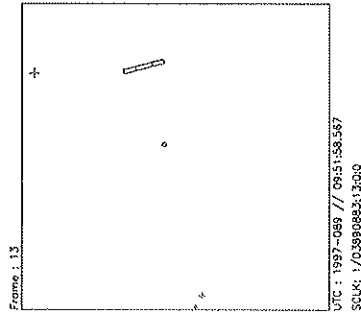
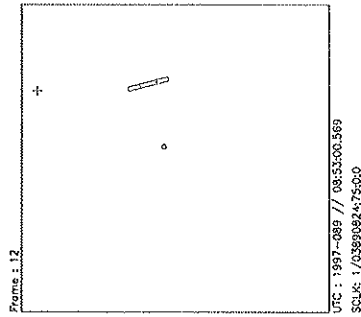
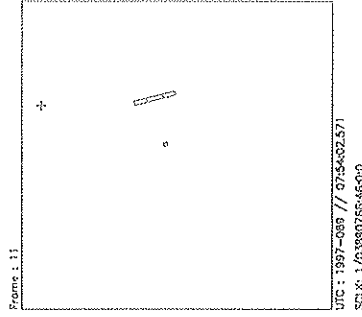
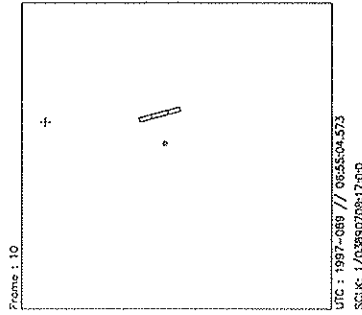
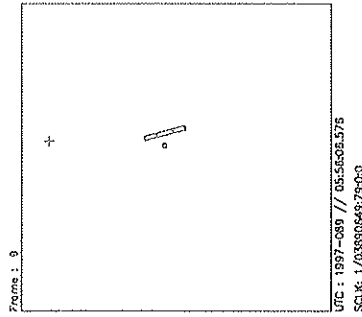


E6TUCTORUSØ1



Start UTC.TIME : 1997-088 // 21:05:24.595  
 No End Time :  
 Start SCLK : 1/03890125:00:00  
 Delta Time between FOV : 3536.000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

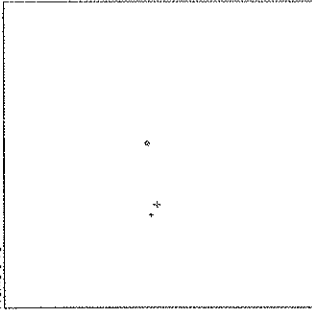
Target Body : CALLISTO  
 Target Cone/Clock : 86.88 / 95.49 Deg  
 S/C to Body Center : 3509775. Km ( 1460.5805 Rc )  
 Z-axis Pointing ( Ra / Dec ) : 136.90 / 15.10 Deg



Start UTC\_TIME : 1997-088 // 21:05:24.595  
No End Time  
Start SCLK : 1/03890125:00:0:0  
Delta Time between FOV : 3538.000  
FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : CALLISTO  
Target Cone/Clock : 90.32 / 95.37 Deg  
S/C to Body Center : 3174/61. Km ( 1321.1655 Rc )  
Z-axis Pointing ( Ra / Dec ) : 136.90 / 15.10 Deg

Frame: 18



UTC : 1997-089 // 14:46:48.536  
 SCLK : 1/0389017468700

Start UTC\_TIME : 1997-088 // 21:05:24.595  
 No End Time :  
 Start SCLK : 1/03890125:00:00  
 Delta Time between FOV : 3538.000  
 FOVs : F Channel(0.1x0.4), N/G Channel(0.5x0.5)

Target Body : CALLISTO  
 Target Cone/Clock : 93.93 / 95.24 Deg  
 S/C to Body Center : 284002.: Km ( 1181.8685 Rc )  
 Z-axis Pointing ( Ra / Dec ) : 136.90 / 15.10 Deg