

00ATI_TA

C/A Altitude = 1200 km

Delivered: June 04, 2004

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2004-299T16:31:00	2004-299T17:01:00	SP Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	DFPW Normal	S_N_ER_3	
2004-299T17:01:00	2004-299T17:16:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
-22:14	-22:00	ISS	Monitor	DFPW Normal	S_N_ER_3	
-22:00	-16:45	CIRS	Mid-IR Temperature Map	DFPW Normal	S_N_ER_3	
-16:45	-15:30	ISS	Monitor	DFPW Normal	S_N_ER_3	
-15:30	-11:30	CIRS	Far-IR Nadir Compositional Scan	DFPW Normal	S_N_ER_3	sit-and-stare
-11:30	-05:00	VIMS	Medium Resolution Imaging	DFPW Normal, then RADWU at -05:15	S_N_ER_3, then S_N_ER_5A at -05:15 for 15 min	
-05:00	-01:48	ISS	High Resolution Imaging	RADWU	S_N_ER_3	1 min dwells
-01:48	-01:27	RWA to RCS Transition		RADRCS	S_N_ER_3	VIMS Rider; set deadband to (2, 2, 2 mrad)
-01:27	-01:26	ISS Turn to Waypoint	ISS_NAC to Titan, NEG_X to Sun	RADRCS	S_N_ER_3	
-01:26	-01:19	SP Turn to New Waypoint	NEG_Z to Titan, NEG_X to Sun	RADRCS	S_N_ER_3	NEG_Y to Titan violates CIRS boresight to Sun
		Begin Custom Period				
-01:19	-01:15	RADAR	Turn to scatterometry	RADRCS	S_N_ER_8	
-01:15	-00:45	RADAR	Inbound Scatterometry, Leave at NEG_Z to Titan, POS_X to NTP	RADRCS	S_N_ER_8	
-00:45	-00:38	VIMS	Turn to NEG_Y to Titan, POS_X to NTP	RADRCS	S_N_ER_8	
-00:38	-00:13	VIMS	High Resolution Imaging, Leave at VIMS_IR to Titan, POS_X to NTP	RADRCS	S_N_ER_3	
-00:12	-00:06	INMS	Turn to NEG_X to Titan RAM, NEG_Z to Titan	RADRCS	S_N_ER_3	Secondary axis = NEG_Z to Titan for RADAR
-00:06	00:00	INMS	NEG_X to RAM	RADRCS	S_N_ER_8	RADAR Rider
2004-300T15:31:27		CLOSEST APPROACH				
00:00	+00:06	RADAR	High-Resolution SAR, Pick up at INMS attitude	RADRCS	S_N_ER_8	set deadband to (2, 2, 20 mrad)
+00:06	+00:16	RADAR	Low-Resolution SAR	RADRCS	S_N_ER_8	
+00:16	+00:30	RADAR	Altimetry	RADRCS	S_N_ER_8	
+00:30	+01:15	RADAR	Scatterometry	RADRCS	S_N_ER_8	
+01:15	+01:39	RCS to RWA Transition		RADRWA	S_N_ER_8	
+01:39	+05:00	RADAR	Radiometry, Leave at NEG_Z to Titan, NEG_X to Sun	RADRWA	S_N_ER_8	
		End Custom Period				
+05:00	+08:15	UVIS	EUVFUV	DFPW Normal	S_N_ER_3	Extra time allocated for turns to/from NEG_Z to Titan
2004-300T23:46:00	2004-301T00:01:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2004-301T00:01:00	2004-301T00:16:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2004-301T00:16:00	2004-301T09:16:00	Madrid 70M		DFPW Normal	RTE_N_SPB	