

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2009-221T01:05:00	2009-221T01:45:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NEP	DFPW Normal	S_N_ER_3	
2009-221T01:45:00	C/A - 12:02:04	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A - 12:02:04	-10:00	CIRS	Template N	DFPW Normal	S_N_ER_3	
-10:00	-09:00	ISS	Template N	DFPW Normal	S_N_ER_3	
-09:00	-05:10	UVIS	Template P	RADWU	S_N_ER_5A for 15 minutes, then S_N_ER_3	
		Begin Custom Period				
-05:10	-05:00	RADAR Turn to RADAR attitude		RADRWA	S_N_ER_8	
-05:00	-02:00	RADAR	Template L	RADRWA	S_N_ER_8	
-02:00	-01:12	RADAR	Scatterometry/Radiometry	RADRWA	S_N_ER_8	
-01:12	-01:11	RWA to RCS Transition		RADRCS	S_N_ER_8	set deadband to (0.5, 0.5, 2.0 mrad)
-01:11	-00:30	RADAR	High-Altitude SAR	RADRCS	S_N_ER_8	
-00:30	-00:18	RADAR	Altimetry	RADRCS	S_N_ER_8	
-00:18	0	RADAR	SAR	RADRCS	S_N_ER_8	
2009-221T14:03:53		CLOSEST APPROACH				
0	+00:18	RADAR	SAR	RADRCS	S_N_ER_8	
+00:18	+00:26	RADAR Turn to ISS Attitude	NEG_Y to Titan, NEG_X to NEP	RADRCS, then ORSRCS	S_N_ER_8	Transition to ORSRCS to end at +00:26
		End Custom Period				
+00:26	+00:48	RCS to RWA Transition		DFPW Normal	S_N_ER_3	ISS Rider. set deadband to (0.5, 0.5, 2.0 mrad) through the transition
+00:48	C/A + 02:07:56	ISS		DFPW Normal	S_N_ER_3	
C/A + 02:07:56	2009-221T16:25:00	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
2009-221T16:25:00	2009-221T17:05:00	SP Turn to Earth for Downlink	XBAND to Earth, POS_X to NEP	DFPW Normal	S_N_ER_3	
2009-221T17:05:00	2009-222T02:05:00	Goldstone 70M		DFPW Normal	RTE_N_SPB	Rolling/Bias