

248TI T124

C/A Altitude = 1584 km

Delivered: March 21, 2016

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2016-318T06:29:00	2016-318T07:09:00	SP Turn to Waypoint	NEG_Y to Titan, NEG_X to NTP	DFPW Normal	S_N_ER_3	Preceding MAPS_248 secondary is NEG_X to 257.2/-28
2016-318T07:09:00	C/A-16:31:56	OD Uncertainty Dead Time		DFPW Normal	S_N_ER_3	
C/A-16:31:56	-14:00	CIRS	Template A, truncated (TC1b)	DFPW Normal	S_N_ER_3	
-14:00	-12:00	ISS	Template D2 (TC1a, TC1b, TN1a, TN2c - could also use TN1c for limb haze layer, depending on geometry if along limb, or TN2d, depending on timing.)	DFPW Normal	S_N_ER_3	
-12:00	-09:00	CIRS	Template D2 (TN1c)	DFPW Normal	S_N_ER_3	
-09:00	-05:00	VIMS	Template I (TC1a and TN2c)	DFPW Normal	S_N_ER_3	ISS rider.
-05:00	-03:26	VIMS	Template Y, modified (TC1a, TN1a depending on pointing, and TN2c)	DFPW Normal	S_N_ER_3	
-03:26	-03:25	RWA to RCS Transition		ORSRCS	S_N_ER_3	Set deadband to (0.5, 0.5, 0.5 mrad)
-03:25	-02:43	VIMS	(TN2c)	ORSRCS, begin RSS3RCS at -03:05	S_N_ER_3	On thrusters.
-02:43	-01:00	RSS Warm Up		RSS3RCS	S_N_ER_3	
-01:00	0	RSS Bistatic	(TN1a)	RSS3RCS	S_N_ER_3	
2016-318T23:55:56		CLOSEST APPROACH	XBAND to Titan (TC2a), LUB (Live Update Block)			Good Bistatic Opportunity over Lakes (Exit). Changed C/A from 2016-319T00:01:44
0	+02:10	RSS Bistatic	(TN1a)	RSS3RCS	S_N_ER_3	
+02:10	+02:32	RCS to RWA Transition		DFPW Normal	S_N_ER_3	Set deadband to (0.5, 2.0, 0.5 mrad) through transition
+02:32	+05:00	CIRS	Template T (TN2c, surface temperature)	DFPW Normal	S_N_ER_3	
+05:00	+09:00	CIRS	Template R (TN1c or TC1b, decided in implementation)	DFPW Normal	S_N_ER_3	VIMS Collaborative Rider
+09:00	+12:00	CIRS	Template D2 (TN1c)	DFPW Normal	S_N_ER_3	
		End Custom Period		DFPW Normal	S_N_ER_3	
+12:00	+14:00	ISS	Template D2 (TC1a, TC1b, TN1a, TN2c - could also use TN1c for limb haze layer, depending on geometry if along limb, or TN2d, depending on timing.)	DFPW Normal	S_N_ER_3	
+14:00	C/A+18:53:04	CIRS	Template M3 (TC1b, TN1c on outbound)	DFPW Normal	S_N_ER_3	ISS Collaborative Rider