

**181TI T89**

C/A Altitude = 1978 km

Delivered: July 16, 2012

Start Time	End Time	Prime Activity	Observation Detail	Operational Mode	Telemetry Mode	Comments
2013-047T08:26:00	2013-047T09:06:00	SP Turn to Waypoint	XBAND to Earth, POS_X to NEP	RSS_K_RWAF	S_N_ER_3	
2013-047T09:06:00	C/A-16:35:36	OD Uncertainty Dead Time		RSS_K_RWAF	S_N_ER_3	
C/A-16:35:36	-14:05	CIRS		RSS_K_RWAF	S_N_ER_3	
-14:05	-12:00	RSS	RSS Warm Up	RSS_K_RWAF	S_N_ER_3	
-12:00	-02:30:26	Canberra 34M, RSS	RSS Gravity (TN1b)	RSS_K_RWAF	RTE_N_SPB	CAPS rider
-02:30:26	+05:00	Madrid 34M, RSS	RSS Gravity (TN1b)	RSS_K_RWAF	RTE_N_SPB	CAPS rider
2013-048T01:56:36		<b>CLOSEST APPROACH</b>	<b>XBAND to EARTH, POS_X to NEP (TC2a for CAPS)</b>			
+05:00	+12:00	Goldstone 34M, RSS	RSS Gravity (TN1b)	RSS_K_RWAF	RTE_N_SPB	
+12:00	C/A+20:19:24	CIRS	Template A3	RSS_K_RWAF	S_N_ER_3	ISS rider
C/A+20:19:24	2013-048T22:31:00	OD Uncertainty Dead Time		RSS_K_RWAF	S_N_ER_3	
2013-048T22:31:00	2013-048T23:11:00	SP Turn to Earth for Downlink	XBAND to Earth, NEG_Y to Saturn (0.0, 0.0, -9.5 deg offset)	RSS_K_RWAF	S_N_ER_3	Secondary pointing is MIMI preference
2013-048T23:11:00	2013-049T08:11:00	Madrid 70M		RSS_K_RWAF	RTE_N_SPB	No Y-Bias: RSS GSE (Gravity Science Enhancement)