

054TI_T39

C/A Altitude = 970 km

| Start Time | End Time | Prime Activity |
|--------------------------|-----------|-------------------------------|
| 354T08:16 | 354T08:46 | SP Turn to Waypoint |
| 354T08:46 | 354T08:57 | OD Uncertainty Dead Time |
| -13:55 | -09:00 | VIMS |
| -09:00 | -05:06 | CIRS |
| -05:06 | -04:45 | SP Turn to RADAR Waypoint |
| -04:45 | -02:00 | RADAR |
| -02:00 | -00:52 | RADAR |
| -00:52 | -00:30 | RWA to RCS Transition |
| -00:30 | -00:15 | RADAR |
| -00:15 | -00:07 | RADAR |
| -00:07 | +00:15 | RADAR |
| 2007-354T22:57:55 | | CLOSEST APPROACH |
| +00:15 | +00:30 | RADAR |
| +00:30 | +00:54 | RCS to RWA Transition |
| +00:54 | +02:00 | RADAR |
| +02:00 | +05:00 | RADAR |
| +04:45 | +05:05 | SP Turn to Waypoint |
| +05:05 | +09:00 | CIRS |
| +09:00 | +11:00 | CIRS |
| +11:00 | +13:00 | ISS |
| +13:00 | +14:00 | VIMS |
| +14:00 | +15:30 | ISS |
| +15:30 | +1T00:15 | VIMS |
| 355T23:12 | 355T23:27 | OD Uncertainty Dead Time |
| 355T23:27 | 355T23:57 | SP Turn to Earth for Downlink |
| 355T23:57 | 356T08:57 | Madrid 70M/34M BWG Array |

| Observation Detail | Operational Mode | Telemetry Mode |
|--|-----------------------------------|--|
| ISS_NAC to Titan, POS_X to NTP | DFPW Normal | S_N_ER_3 |
| | DFPW Normal | S_N_ER_3 |
| Template O (modified), Cloud Map | DFPW Normal | S_N_ER_3 |
| Template R, Mid-IR Limb | DFPW Normal, then RADWU at -07:45 | S_N_ER_3, then S_N_ER_5A at -07:45 for 15 min, then S_N_ER_3 at -07:45 |
| NEG_Z to Titan, NEG_X to 5/-5 | RADWU | S_N_ER_3 |
| Template S, Radiometry | RADRWA | S_N_ER_8 |
| Scatterometry | RADRWA | S_N_ER_8 |
| | RADRCS | S_N_ER_8 |
| Altimetry | RADRCS | S_N_ER_8 |
| Low-Resolution SAR | RADRCS | S_N_ER_8 |
| High-Resolution SAR, use Primary pointing of NEG_X to RAM for INMS | RADRCS | S_N_ER_8 |
| | | |
| Altimetry | RADRCS | S_N_ER_8 |
| | RADRWA | S_N_ER_8 |
| Scatterometry | RADRWA | S_N_ER_8 |
| Template L, Radiometry | RADRWA | S_N_ER_8 |
| ISS_NAC to Titan, NEG_X to Sun | DFPW Normal | S_N_ER_3 |
| Template F, Limb Map | DFPW Normal | S_N_ER_3 |
| Template D, pointing uses FP1 Body Vector | DFPW Normal | S_N_ER_3 |
| Template D, Mosaic | DFPW Normal | S_N_ER_3 |
| Template D, Regional Map | DFPW Normal | S_N_ER_3 |
| Out-of-Discipline: Rhea | DFPW Normal | S_N_ER_3 |
| Template B (modified), Global Map | DFPW Normal | S_N_ER_3 |
| | DFPW Normal | S_N_ER_3 |
| XBAND to Earth, POS_X to NEP | DFPW Normal | S_N_ER_3 |
| | DFPW Normal | RTE_N_SPB |

