

| ATREX Launch Sequence | | | | | | |
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| Launch Sequence | Vehicle | Vehicle #/Mission # U-University E-Geospace Science | Launch time* | Tracer Release Altitude 53 - 84 miles Trajectory release during flight | Nominal Vehicle Apogee | Instrumented Payload |
| 1 | Terrier-Oriole | 45.004 UE/NRW-5038 | T-0 | downleg | 232 miles (375Km) | yes |
| 2 | Terrier-Improved Malemute | 46.002 UE/NRW-5039 | T+80 seconds (1min. 20sec) | downleg | 124 miles (200Km) | yes |
| 3 | Terrier-Improved Orion | 41.097 UE/NRW-5042 | T+160 seconds (2min. 40sec) | upleg and downleg | 98 miles (157Km) | no |
| 4 | Terrier-Improved Malemute | 46.003 UE/NRW-5040 | T+240 seconds (4 min.) | upleg and downleg | 157 miles (254Km) | no |
| 5 | Terrier-Improved Orion | 41.098 UE/NRW-5041 | T+320 seconds (5min. 20sec) | downleg | 105 miles (169Km) | no |
| *Note: The rockets will be launched every 80 seconds after the first launch | | | | | | |