

Launch Vehicle	Rockot /Breeze-KM	
Launch Site	Plesetsk Cosmodrome, Russia Located at 63°N, 40°E	
Launch Pad	Eurokot Pad LC133	
Payload	Swarm (3 satellites)	
Payload Mass	approx. 1500 kg (approx. 500 kg per satellite)	
Liff-off Date	November 22, 2013	
Achieved Injection Accuracy versus Nominal		
	Achieved	Nominal
Semi-major axis	6872.141 km	6868 km
Eccentricity of Orbit	0.00202306	0.00139
Orbital Inclination	87.554 deg.	87.55 deg.

Swarm Mission Characteristics