

Launch of CLARA/NorSat-1, 14. July 2017

Factsheet

CLARA/NorSat-1

Mission information and technical facts of CLARA/NorSat-1:

Launch date:	14. July 2017 Baikonur, Kazakhstan
Rocket:	Soyuz-2.1a
Orbit:	Sun-synchronous orbit, altitude 600 km
Nominal mission duration:	3 years
Mass of the satellite:	16 kg
Dimensions of the satellite:	228 x 391 x 440
Mass of CLARA:	2210 g (incl. S/C Sun Sensor)
Dimension of CLARA:	128 x 138 x 158 mm
Power consumption satellite:	22.7 W (orbit average – operations mode)
Power consumption CLARA:	4.65 W
Telemetry satellite:	25.2 Mbyte / orbit
Telemetry CLARA:	Nominal: 0.65 Mbyte/Orbit
Funding	Swiss PRODEX
Further interesting facts:	Additional payloads of NorSat-1 include a new generation NAIS receiver for maritime security applications and a multi-Needle Langmuir Probe system for space weather monitoring.
