

Satellite status



On July 17th, the FAR/QAR Board accepted the satellite for flight.

The satellite qualification status for the Falcon-9 launcher is confirmed.

Later discussions on the flight adapter visco-elastic material gladly concluded.

Expected mission performances fully compliant: with important margin.

On September 17th, the Partner Joint Steering Group decided to proceed.

The satellite arrived safely at the Payload Processing Facility in VAFB on Sep 24th.

Team are operational and the launch campaign is progressing smoothly.

LEOP, Satellite IOV and Cal/Val plans are ready for execution.

Industry, ESA, NASA, NOAA and EUMETSAT have delivered despite the COVID-19.

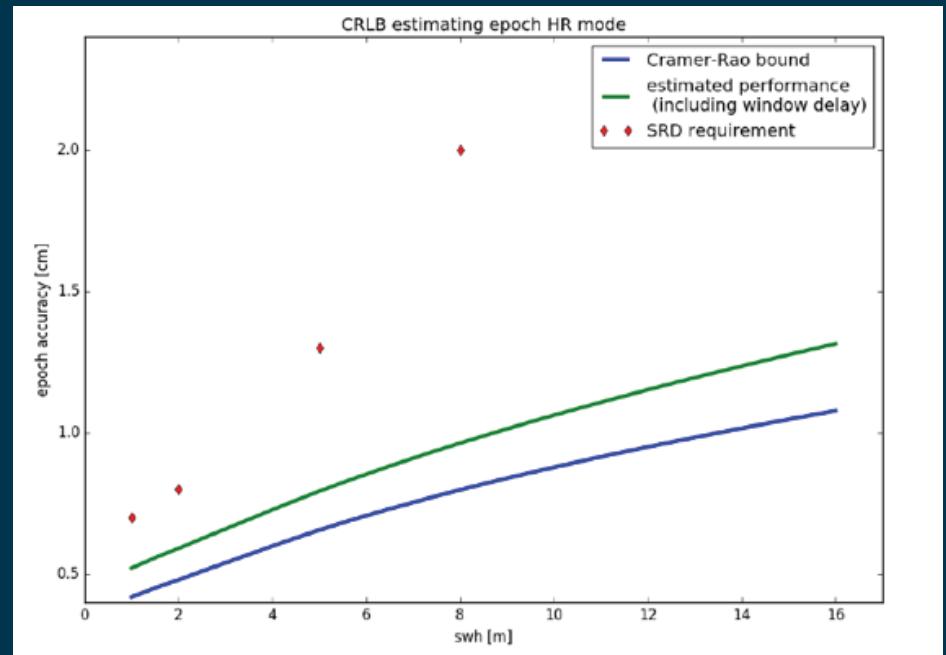
Sentinel-6 Michael Freilich is ready to go 10th November 2020 !



Pre-flight expected performances



Near Real time Performance	System Requirement	Expected Performance
Ku-band range noise (a)	0.8 cm	0.46 cm
Ionosphere (c)	0.5 cm	0.3 cm
Sea state bias (e)	2.0 cm	2.0 cm
Dry troposphere	0.7 cm	0.7 cm
Wet troposphere	1.0 cm	0.8 cm
Altimeter range RSS	2.53 cm	2.33 cm
RMS orbit (POD) (g)	1.5 cm	1.5 cm
Total RSS sea surface height	2.94 cm	2.77 cm
Significant wave height (k)	15 cm + 5% SWH	6 to 8 cm + 5%
Wind speed (l)	1.5 m/s	0.9 m/s expected
σ^0 after cross-calibration	0.3 dB	0.54 dB with internal calibration for 0.8 dB req



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Launch campaign status



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Go Sentinel-6 !

