POSEIDON-I calibrations modes and instrumental performances

Two modes of calibrations are performed. The first one, CAL1, measures the point target response (PTR) of the altimeter corrected for the effects of the low-pass filter (LPF) measured by the CAL2 calibration mode. The aim of the CAL1 sequence processing is to correct the PTR for the effects of the LPF and to compute the characteristics of the PTR. The aim of the CAL2 sequence processing is to normalize the LPF spectrum and to compute its characteristics (the mean LPF spectrum is computed on board).



The slopes of the right and left sides of the LPF spectrum.



Poseidon - CAL2 - Mean power