

GRAS-2 RO MISSION

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Beyond Gravity is committed to provide high quality radio occultation data to the world community. Based on our heritage with the GRAS-1 instrument on the first generation MetOp satellites and our GRAS-2 instrument on MetOp-SG, we are now developing a mission with dedicated satellites, where RO data with the same quality as from MetOp-SG will be offered on a commercial basis. The mission will be based on our top-of-the line GRAS-2 instrument, designed to meet EUMETSAT needs for the next decades. This will be flown on small satellites with proven reliability to support a high-end RO mission with outstanding availability, dependability and performance. We will present our mission and the latest results from the instrument development with measurements of neutral bending angle to an accuracy of 0.3 microradians from the three GNSS constellations of GPS, Galileo, and Beidou.