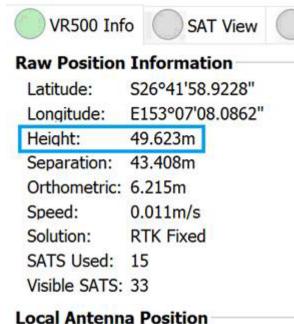
Check if job file or calibration error on HGNSS

A way to confirm whether or not is job file or calibration related is to check the "local antenna position" with a rover as close as possible (obviously not possible to be exactly correct due to antenna casing etc, but if you are chasing a discrepancy of 1m this can help...) to the **primary antenna position** (rear if mounted in "pitch mode") of the VR500 (or, the LHS antenna if VR1000 excavator)



Northing:	7,046,819.438m
Easting:	511,829.143m
Elevation:	5.751m
Separation:	43.872m

- The WGS84 height should = Separation + Local Elevation
- Note: ignore "raw position information Separation", this uses a 'default geoid' loaded into the receiver and is not relevant when a third party geoid file is loaded. We will be looking to remove or modify this to prevent confusion in future.
- The elevation value from your rovers shot should be within roughly 50mm (the easiest way to do this is place rover directly ontop of primary antenna location with a 0 pole height, don't stress too much about levelling it since you are chasing metres here not mm at this stage
- If this information does not match, it is job file (projection OR geoid, OR base station/localisation) related