

GNSS calibration report

Project: 220119 C418 RTX CALB

20/01/2022

Coordinate system

Coordinate system:	World wide/UTM
Zone:	40 North
Datum:	WGS 1984
Geoid:	

Parameters

Origin east:	265381.518 m	
Origin north:	2688024.117 m	
Vert. shift:	32.776 m	
Scale:	0.999999086	+/-0.000000000
Orientation:	359.9982 °	+/-0.0000
S0:	0.062	

I do not see any parameters for slope .

Tolerances

Horizontal:	0.020 m
Vertical:	0.020 m

Observations / Residuals

Point number	Reference value		Actual value		Differences				
	Easting	Northing	Easting	Northing	dE [m]	dN [m]	dr [m]	Elevation [m]	dh [m]
3248K	266046.241	2686802.668	046.211	802.750	0.030	-0.082	0.087	48.170	-0.290
			046.972	803.365				47.880	
SBD-005K	264978.648	2687260.292	978.627	260.344	0.021	-0.052	0.057	49.891	-0.247
			979.401	260.993				49.644	
SBD-009K	263713.720	2687416.888	713.723	416.889	-0.003	-0.001	0.003	27.633	-0.165
			714.501	417.577				27.468	
SBD-011K	263382.829	2687710.251	382.799	710.257	0.030	-0.006	0.030	25.652	-0.232

			383.586	710.956				25.420	
3156K	262286.406	2688646.370	286.368	646.331	0.038	0.039	0.055	27.818	-0.236
			287.183	647.065				27.582	
SBD-286	264980.406	2689226.559	980.455	226.489	-0.049	0.070	0.085	34.939	0.213
			981.290	227.139				35.152	
SBD-290	266221.219	2689128.218	221.200	128.196	0.019	0.022	0.030	39.884	0.099
			222.034	128.807				39.983	
SBD-269	268352.378	2688972.684	352.449	972.623	-0.071	0.061	0.093	40.831	0.344
			353.280	973.168				41.175	
SBD-079K	268464.631	2687047.396	464.646	047.446	-0.015	-0.050	0.053	40.685	0.514
			465.417	047.985				41.199	

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Could not understand these values

Whereas the differences appear within tolerable limits all across, when apply this calibration file for actual measurements on other known points, results are erratic.