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1  # Trigonometrische Höhenbestimmung - Protokoll der AuswertungCRLE
2  **Visur ID:** Visur_1003-1009 CRLE
3  **Ausgewertet am:** 22.09.2025 / 19:28CRLE
4  ---CRLE
5  CRLE
6  | ID Messung | Lage | d' (schräg) A-->B [m] | d' (schräg) B-->A [m] | d' (mittel, schräg) [m] | V-Winkel A-->B
   | [gon] | V-Winkel B-->A [gon] | Höhendiff. [m] | Refraktionskoeffizient k | ID Visur | CRLE
7  -----
8  | 0 | 1-1.1 | 1 | 2494.3330 | 2494.3355 | 2494.3343 |
9  95.2292 | 104.7935 | 187.0242 | 0.09 | Visur_1003-1009 | CRLE
10 | 1 | 1-1.2 | 1 | 2494.3330 | 2494.3361 | 2494.3346 |
11 95.2292 | 104.7935 | 187.0230 | 0.08 | Visur_1003-1009 | CRLE
12 | 2 | 1-1.3 | 1 | 2494.3328 | 2494.3363 | 2494.3346 |
13 95.2296 | 104.7935 | 187.0168 | 0.07 | Visur_1003-1009 | CRLE
14 | 3 | 1-2.1 | 2 | 2494.3330 | 2494.3333 | 2494.3332 |
15 95.2288 | 104.7920 | 187.0036 | 0.16 | Visur_1003-1009 | CRLE
16 | 4 | 1-2.2 | 2 | 2494.3336 | 2494.3340 | 2494.3338 |
17 95.2287 | 104.7922 | 187.0081 | 0.16 | Visur_1003-1009 | CRLE
18 | 5 | 1-2.3 | 2 | 2494.3342 | 2494.3340 | 2494.3341 |
19 95.2287 | 104.7925 | 187.0128 | 0.15 | Visur_1003-1009 | CRLE
20 | 6 | 2-1.1 | 1 | 2494.3344 | 2494.3358 | 2494.3351 |
21 95.2300 | 104.7954 | 187.0453 | -0.03 | Visur_1003-1009 | CRLE
22 | 7 | 2-1.2 | 1 | 2494.3340 | 2494.3357 | 2494.3349 |
23 95.2303 | 104.7939 | 187.0098 | 0.03 | Visur_1003-1009 | CRLE
24 | 8 | 2-1.3 | 1 | 2494.3334 | 2494.3355 | 2494.3345 |
25 95.2301 | 104.7941 | 187.0171 | 0.03 | Visur_1003-1009 | CRLE
26 | 9 | 2-2.1 | 2 | 2494.3337 | 2494.3298 | 2494.3318 |
27 95.2289 | 104.7921 | 187.0025 | 0.15 | Visur_1003-1009 | CRLE
28 | 10 | 2-2.2 | 2 | 2494.3342 | 2494.3309 | 2494.3326 |
29 95.2298 | 104.7922 | 186.9865 | 0.11 | Visur_1003-1009 | CRLE
30 | 11 | 2-2.3 | 2 | 2494.3337 | 2494.3306 | 2494.3322 |
31 95.2299 | 104.7923 | 186.9865 | 0.10 | Visur_1003-1009 | CRLE
32 | 12 | 3-1.1 | 1 | 2494.3320 | 2494.3345 | 2494.3332 |
33 95.2288 | 104.7942 | 187.0454 | 0.07 | Visur_1003-1009 | CRLE
34 | 13 | 3-1.2 | 1 | 2494.3320 | 2494.3348 | 2494.3334 |
35 95.2288 | 104.7943 | 187.0477 | 0.07 | Visur_1003-1009 | CRLE
36 | 14 | 3-1.3 | 1 | 2494.3323 | 2494.3346 | 2494.3335 |
37 95.2288 | 104.7934 | 187.0306 | 0.11 | Visur_1003-1009 | CRLE
38 | 15 | 3-2.1 | 2 | 2494.3326 | 2494.3337 | 2494.3332 |
39 95.2290 | 104.7926 | 187.0100 | 0.13 | Visur_1003-1009 | CRLE
40 | 16 | 3-2.2 | 2 | 2494.3325 | 2494.3335 | 2494.3330 |
41 95.2290 | 104.7927 | 187.0116 | 0.13 | Visur_1003-1009 | CRLE
42 | 17 | 3-2.3 | 2 | 2494.3329 | 2494.3330 | 2494.3330 |
43 95.2289 | 104.7928 | 187.0151 | 0.13 | Visur_1003-1009 | CRLE
44 CRLE
45 ---CRLE
46 ## Angegebene Parameter der MessungCRLE
47 - Signalthöhe Station A: 1.6804 mCRLE
48 - Instrumentenoffset Station A: 0.2844 mCRLE

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31 - Signalhöhe Station B: 1.8494 m
32 - Instrumentenoffset Station B: 0.2844 m
33 - Startpunkt (A): 1009 // Endpunkt (B): 1003
34 ---
35 ## Höhenstatistiken
36 - Höhendifferenz (Näherungskoordinaten): 187.47 m
37 - Mittlere Höhendifferenz (gesamt): 187.0165 m ± 0.0177 m
38 - Mittlere Höhendifferenz (Lage 1): 187.0289 m ± 0.0142 m
39 - Mittlere Höhendifferenz (Lage 2): 187.0041 m ± 0.0108 m
40 ---
41 ## Schrägdistanzstatistik
42 - Mittlere Schrägdistanz: 2494.3336 m ± 0.0009 m
43 - Lage 1: 2494.3342 m ± 0.0007 m
44 - Lage 2: 2494.333 m ± 0.0007 m
45 ---
46 ## Refraktionskoeffizienten
47 - Gesamt: 0.1 ± 0.05
48 - Lage 1: 0.06 ± 0.04
49 - Lage 2: 0.14 ± 0.02
50 ---
51 ## Präanalyse
52 - Genauigkeit Höhenbestimmung: 4.27 mm // 0.0043 m
53 - Komponenten (in mm):
54   - Distanzkomponente: 0.23 mm
55   - Zenitwinkelkomponente: 5.86 mm
56   - Refraktionskomponente: -29.14 mm (bei gleichzeitiger Messung vernachlässigt)
57   - Genauigkeit Instrumentenhöhe: 1.00 mm
58   - Genauigkeit Signalhöhe: 1.00 mm

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