

RAPORT Z POMIARU GPS-RTK

Nazwa roboty	artur plas
Nazwa użytkownika	
Wersja	1.50.0.5 ZGP800x
Jednostki odległości	metry
Jednostki kątów	stopnie dziesiętne

System	Polska
Strefa	wybierz
Odniesienie	WGS 1984

Operator	
Opis	

Pomiary sytuacyjno-wysokościowe

Nazwa	T	N	dX	dY	dZ	X	Y	H	E	Sat	PDOP	RMS 1D	RMS 2D
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Typ odbiornika	ZGP800x					Metoda Pomiaru					Centrum Fazowe Anteny		
Numer seryjny	315205					Poziomy domiar					0.000		
Wysokość anteny	2.00					Pionowy domiar					0.000		
Typ Anteny	ZGP800a					Serwis NTRIP					NAWGEO_RTCM_3_1_VRS		
Współrzędne stacji z RTCM	X=3566431.428					Y=1089651.459					Z=5157104.198		

Nazwa	T	N	dX	dY	dZ	X	Y	H	E	Sat	PDOP	RMS 1D	RMS 2D
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Typ odbiornika	ZGP800x					Metoda Pomiaru					Centrum Fazowe Anteny		
Numer seryjny	315205					Poziomy domiar					0.000		
Wysokość anteny	2.00					Pionowy domiar					0.000		
Typ Anteny	ZGP800a					Serwis NTRIP					NAWGEO_RTCM_3_1_VRS		
Współrzędne stacji z RTCM	X=3550066.934					Y=1093331.806					Z=5167561.97		

Nazwa	T	N	dX	dY	dZ	X	Y	H	E	Sat	PDOP	RMS 1D	RMS 2D
1	7:14:19	fix	16303.48	-3738.06	-10396.2	6080142.812	3499860.89	60.851	4	4	1.86	0.013	0.009
2	7:14:44	fix	16306.69	-3722.04	-10400.9	6080133.774	3499875.263	61.548	4	5	3.2	0.02	0.015
3	7:15:8	fix	16308.25	-3705.44	-10406.49	6080125.358	3499890.681	60.709	4	7	1.86	0.021	0.016
4	7:15:30	fix	16309.49	-3688.12	-10412.5	6080116.782	3499906.877	59.474	4	6	3.12	0.028	0.02
5	7:15:52	fix	16310.22	-3668.66	-10418.97	6080107.817	3499925.273	57.943	4	6	1.86	0.015	0.011
6	7:16:37	fix	16311.76	-3646.39	-10426.5	6080096.938	3499946.115	56.489	4	7	1.86	0.028	0.02
7	7:17:1	fix	16315.71	-3629.17	-10432.27	6080086.413	3499961.428	56.936	5	5	3.12	0.052	0.038
8	7:17:28	fix	16319.59	-3612.95	-10435.94	6080077.403	3499975.794	58.889	4	6	3.12	0.019	0.013
9	7:17:51	fix	16324.62	-3597.96	-10438.13	6080068.662	3499988.655	62.476	4	7	7.86	0.065	0.044
10	7:18:32	fix	16329.56	-3585.56	-10440.49	6080060.51	3499999.067	65.425	4	5	1.86	0.013	0.01
11	7:18:55	fix	16334.67	-3571.4	-10443.13	6080051.632	3500011.112	68.549	4	8	8.08	0.062	0.042
12	7:19:25	fix	16350.58	-3576.09	-10453.26	6080034.485	3500001.974	68.396	4	6	1.86	0.023	0.017
13	7:19:51	fix	16345.65	-3586.63	-10450.11	6080042.652	3499993.343	66.408	4	7	3.05	0.016	0.012
14	7:20:13	fix	16341.99	-3600.28	-10448.26	6080049.814	3499981.356	63.537	4	7	3.77	0.042	0.028

15	7:20:41	fix	16339.49	-3612.63	-10447.72	6080055.005	3499970.282	60.475	4	5	1.86	0.016	0.011
16	7:21:3	fix	16336.64	-3626.81	-10445.98	6080061.599	3499957.557	57.882	4	7	3.77	0.028	0.019
17	7:21:16	fix	16335.25	-3634.56	-10444.07	6080065.638	3499950.559	57.333	4	6	1.86	0.035	0.026
18	7:21:26	fix	16334.55	-3637.98	-10442.92	6080067.657	3499947.492	57.298	4	5	1.86	0.023	0.017
19	7:21:38	fix	16333.91	-3642.66	-10442.39	6080069.581	3499943.203	56.576	4	5	2.97	0.025	0.019
20	7:21:55	fix	16332.04	-3654.59	-10438.61	6080076.068	3499932.345	56.567	4	7	4.6	0.024	0.016
21	7:22:17	fix	16329.91	-3672.18	-10432.61	6080085.404	3499916.147	57.253	4	6	1.86	0.024	0.018
22	7:22:40	fix	16326.15	-3689.18	-10424.67	6080096.994	3499900.991	58.709	4	7	2.97	0.028	0.022
23	7:23:11	fix	16323.32	-3703.89	-10417.7	6080106.748	3499887.755	60.279	4	8	2.97	0.023	0.019
24	7:23:43	fix	16321.44	-3719.93	-10411.5	6080115.64	3499872.968	61.526	4	8	4.52	0.039	0.028
25	7:24:8	fix	16316.71	-3736.59	-10405.14	6080126.978	3499858.428	61.223	4	7	1.5	0.038	0.029
26	7:24:31	fix	16311.86	-3747.38	-10400.85	6080135.808	3499849.531	60.152	4	7	1.5	0.024	0.019
27	7:24:59	fix	16324.95	-3758.46	-10408.35	6080123.9	3499835.109	59.484	4	6	1.5	0.023	0.019
28	7:25:25	fix	16331.51	-3742.48	-10414.19	6080111.606	3499848.462	61.12	4	5	1.64	0.023	0.018
29	7:25:48	fix	16333.57	-3730.5	-10417.4	6080105.285	3499859.317	61.702	4	6	1.64	0.017	0.014
30	7:26:12	fix	16334.83	-3714.06	-10422.93	6080097.181	3499874.665	60.714	4	6	1.64	0.019	0.015
31	7:26:32	fix	16335.12	-3701.28	-10427.56	6080091.216	3499886.804	59.299	4	8	1.64	0.022	0.018
32	7:26:55	fix	16336.33	-3684.12	-10433.99	6080082.452	3499902.852	57.674	4	8	1.64	0.029	0.023

Typ odbiornika	ZGP800x	Metoda Pomiaru	Centrum Fazowe Anteny
Numer seryjny	315205	Poziomy domiar	0.000
Wysokość anteny	2.00	Pionowy domiar	0.000
Typ Anteny	ZGP800a	Serwis NTRIP	NAWGEO_RTCM_3_1_VRS
Współrzędne stacji z RTCM	X=3566402.353	Y=1089652.289	Z=5157127.342

Nazwa	T	N	dX	dY	dZ	X	Y	H	E	Sat	PDOP	RMS 1D	RMS 2D
34	7:32:12	fix	16337.53	-3679.22	-10436.19	6080079.066	3499907.185	57.393	4	6	1.5	0.015	0.013
35	7:32:34	fix	16340.26	-3665.28	-10442.14	6080070.172	3499919.716	56.466	4	7	1.5	0.041	0.036
36	7:32:57	fix	16342.95	-3652.82	-10447.05	6080062.259	3499930.844	56.094	4	6	1.5	0.03	0.025
37	7:33:14	fix	16344.92	-3641.91	-10450.53	6080056.111	3499940.698	56.234	4	8	1.5	0.019	0.015
38	7:33:28	fix	16346.1	-3637.82	-10451.09	6080053.886	3499944.262	57.132	4	7	1.5	0.019	0.016
39	7:33:48	fix	16347.55	-3625.6	-10453.63	6080048.383	3499955.526	57.967	4	7	1.5	0.024	0.02
40	7:34:12	fix	16351.74	-3611.33	-10455.95	6080040.388	3499967.946	60.853	4	6	1.58	0.011	0.009
41	7:34:26	fix	16353.19	-3606.46	-10456.45	6080037.81	3499972.172	62.084	4	5	1.58	0.025	0.021
42	7:34:53	fix	16355.84	-3593.23	-10457.31	6080032.101	3499984.054	65.117	4	7	1.72	0.037	0.029
43	7:35:22	fix	16358.23	-3574.9	-10459.26	6080024.754	3500000.879	67.994	4	7	1.72	0.018	0.014
44	7:35:55	fix	16371.54	-3572.63	-10470.91	6080007.089	3499999.158	66.342	4	5	6.37	0.042	0.043
45	7:36:20	fix	16373.26	-3588.13	-10471.08	6080009.334	3499983.831	64.525	4	8	2.36	0.037	0.027
46	7:36:54	fix	16369.61	-3599.97	-10468.18	6080016.671	3499973.577	62.824	4	8	1.78	0.013	0.01
47	7:37:17	fix	16365.04	-3615.03	-10466.09	6080025.025	3499960.515	59.399	4	6	1.72	0.025	0.019
48	7:37:40	fix	16360.38	-3631.91	-10462.47	6080034.76	3499945.742	56.862	4	6	1.64	0.014	0.011
49	7:38:4	fix	16357.99	-3649.09	-10459.17	6080042.622	3499930.007	55.288	4	5	2.5	0.021	0.015
50	7:38:27	fix	16356.02	-3667.2	-10453.58	6080051.713	3499913.27	55.632	4	5	1.58	0.014	0.011
51	7:38:49	fix	16354.34	-3685.35	-10447.51	6080060.867	3499896.406	56.534	4	8	1.64	0.021	0.016
52	7:39:10	fix	16352.4	-3701.47	-10441.0	6080070.003	3499881.565	57.986	4	8	2.5	0.023	0.017

53	7:39:32	fix	16350.2	-3718.36	-10434.05	6080079.777	3499866.056	59.528	4	7	1.58	0.016	0.013
54	7:39:55	fix	16347.26	-3734.35	-10427.66	6080089.584	3499851.633	60.358	4	6	1.58	0.018	0.014
55	7:40:17	fix	16343.17	-3749.35	-10421.25	6080100.063	3499838.485	60.722	4	7	1.58	0.016	0.013
56	7:40:41	fix	16337.64	-3764.31	-10415.34	6080111.36	3499825.803	59.888	4	5	1.58	0.02	0.016
57	7:40:59	fix	16333.54	-3774.77	-10411.64	6080119.184	3499817.0	58.82	4	5	1.58	0.018	0.015
58	7:41:27	fix	16351.06	-3777.91	-10422.02	6080100.271	3499808.87	59.623	4	6	1.58	0.019	0.015
59	7:42:0	fix	16355.11	-3765.95	-10427.0	6080091.385	3499819.126	59.882	4	7	1.72	0.015	0.012
60	7:42:32	fix	16359.09	-3748.15	-10433.63	6080080.191	3499834.973	59.752	4	6	1.58	0.013	0.01
61	7:42:56	fix	16362.14	-3729.6	-10440.42	6080069.457	3499851.817	59.097	4	6	1.58	0.011	0.008
62	7:43:20	fix	16365.5	-3712.5	-10447.88	6080058.443	3499867.195	57.834	4	8	1.58	0.019	0.015
63	7:43:40	fix	16366.88	-3696.04	-10454.31	6080049.708	3499882.521	56.184	4	6	1.58	0.022	0.018
64	7:44:3	fix	16368.33	-3680.1	-10459.85	6080041.56	3499897.335	55.214	4	6	1.58	0.012	0.01
65	7:44:27	fix	16371.88	-3662.49	-10466.79	6080030.573	3499913.138	54.555	4	8	1.58	0.019	0.015
66	7:44:49	fix	16374.27	-3644.88	-10472.54	6080021.178	3499929.271	54.223	4	7	1.58	0.017	0.013
67	7:45:12	fix	16378.61	-3629.31	-10477.13	6080011.437	3499942.892	55.567	4	6	1.8	0.015	0.011
68	7:45:31	fix	16382.44	-3615.29	-10479.68	6080003.65	3499955.176	58.029	4	4	1.94	0.03	0.023
69	7:46:2	fix	16385.97	-3602.35	-10482.19	6079996.364	3499966.514	60.17	4	6	1.72	0.019	0.015
70	7:46:32	fix	16389.12	-3588.54	-10485.76	6079988.554	3499978.805	61.373	4	8	1.94	0.01	0.007
71	7:46:54	fix	16388.68	-3574.53	-10487.21	6079984.721	3499992.32	62.346	4	7	6.94	0.04	0.045
72	7:47:31	fix	16402.07	-3571.4	-10499.86	6079966.203	3499991.404	60.072	4	7	3.97	0.02	0.014
73	7:47:56	fix	16400.93	-3584.71	-10497.35	6079971.716	3499979.01	59.206	4	7	1.84	0.03	0.02
74	7:48:18	fix	16395.04	-3598.52	-10490.89	6079983.335	3499967.525	58.815	4	9	1.72	0.016	0.012
75	7:48:43	fix	16389.55	-3610.79	-10485.57	6079993.619	3499957.398	57.978	4	5	1.72	0.027	0.021
76	7:49:13	fix	16385.29	-3629.45	-10482.65	6080003.06	3499940.807	54.787	4	6	1.72	0.021	0.016
77	7:49:30	fix	16383.05	-3640.05	-10480.13	6080008.787	3499931.326	53.786	4	5	1.58	0.026	0.02
78	7:49:42	fix	16382.22	-3643.95	-10479.71	6080010.608	3499927.843	52.995	4	5	1.58	0.029	0.023
79	7:50:10	fix	16379.38	-3664.98	-10472.28	6080022.138	3499908.563	53.858	4	6	1.66	0.023	0.018
80	7:50:51	fix	16374.93	-3689.86	-10462.45	6080037.239	3499886.074	55.115	4	6	1.66	0.013	0.01
81	7:51:43	fix	16373.21	-3709.34	-10455.3	6080047.369	3499867.956	56.65	4	7	1.66	0.024	0.019
82	7:52:9	fix	16368.54	-3724.69	-10446.72	6080059.648	3499854.645	58.394	4	7	1.66	0.017	0.013
83	7:52:34	fix	16364.63	-3741.67	-10439.31	6080071.042	3499839.555	59.334	4	7	1.66	0.025	0.019
84	7:53:2	fix	16357.12	-3761.1	-10429.68	6080087.108	3499823.175	59.653	4	7	1.58	0.014	0.011
85	7:53:26	fix	16353.55	-3776.58	-10423.93	6080096.904	3499809.416	59.692	4	6	1.58	0.033	0.026
86	7:53:54	fix	16370.99	-3783.09	-10437.01	6080077.283	3499798.09	57.684	4	9	1.58	0.017	0.013
87	7:54:17	fix	16375.82	-3768.31	-10442.42	6080066.867	3499810.808	58.507	4	6	1.58	0.016	0.012
88	7:54:38	fix	16378.22	-3756.9	-10446.33	6080060.011	3499821.02	58.616	4	5	1.58	0.015	0.012
89	7:55:0	fix	16380.9	-3743.1	-10451.79	6080051.465	3499833.43	58.026	4	8	1.58	0.018	0.014
90	7:55:23	fix	16382.28	-3726.87	-10457.73	6080043.073	3499848.539	56.741	4	6	1.66	0.016	0.012
91	7:55:48	fix	16383.38	-3709.32	-10463.88	6080034.469	3499865.004	55.355	4	7	1.66	0.032	0.024
92	7:56:13	fix	16384.47	-3690.86	-10469.89	6080025.73	3499882.332	54.226	4	6	1.66	0.017	0.013
93	7:56:35	fix	16387.17	-3675.27	-10476.69	6080015.961	3499896.446	52.868	4	4	1.58	0.015	0.011
94	7:57:0	fix	16390.78	-3658.81	-10484.44	6080004.724	3499911.131	51.394	4	7	1.58	0.02	0.015
95	7:57:22	fix	16393.73	-3644.42	-10489.73	6079995.936	3499924.029	51.199	4	8	1.89	0.021	0.015
96	7:57:36	fix	16395.32	-3639.43	-10490.79	6079992.895	3499928.327	52.078	4	6	2.02	0.018	0.013
97	7:57:57	fix	16400.14	-3625.96	-10495.64	6079983.127	3499939.797	53.123	4	6	2.25	0.025	0.017

98	7:58:19	fix	16404.29	-3613.34	-10499.79	6079974.48	3499950.646	54.218	4	7	2.25	0.029	0.02
99	7:58:39	fix	16407.22	-3601.79	-10502.64	6079967.805	3499960.839	55.505	4	7	2.16	0.02	0.014
100	7:59:2	fix	16409.95	-3585.95	-10505.69	6079960.137	3499975.183	57.257	4	7	2.02	0.035	0.025
101	7:59:29	fix	16413.05	-3575.09	-10509.08	6079953.172	3499984.662	58.082	4	5	1.64	0.018	0.013
102	7:59:53	fix	16422.13	-3580.96	-10517.17	6079942.794	3499976.397	55.574	4	5	2.16	0.018	0.012
103	8:0:14	fix	16427.66	-3592.14	-10522.92	6079937.807	3499964.085	52.091	4	7	2.11	0.033	0.022
104las	8:0:59	fix	16433.99	-3607.66	-10528.17	6079933.516	3499947.394	48.709	4	4	2.33	0.028	0.019
105las	8:2:42	float	16423.13	-3613.84	-10517.5	6079949.633	3499944.666	50.259	4	6	1.72	0.246	0.171
106las	8:3:9	fix	16416.72	-3624.21	-10512.0	6079960.292	3499936.622	49.379	4	8	3.56	0.029	0.02
107las	8:3:34	fix	16405.56	-3633.02	-10500.3	6079977.875	3499931.463	51.15	4	7	4.14	0.058	0.036
108	8:5:39	fix	16413.26	-3603.44	-10508.64	6079960.001	3499957.491	53.721	4	6	4.05	0.047	0.013
109las	8:6:44	fix	16399.87	-3649.49	-10494.14	6079989.796	3499917.383	50.178	4	5	2.11	0.018	0.012
110las	8:8:9	fix	16397.64	-3665.76	-10488.99	6079998.394	3499902.478	50.34	4	6	2.77	0.036	0.033
111las	8:9:7	fix	16416.06	-3703.7	-10496.67	6079988.62	3499860.814	47.912	4	6	2.02	0.033	0.022
112las	8:9:36	fix	16424.29	-3721.05	-10499.23	6079984.863	3499841.817	47.469	4	6	3.05	0.013	0.009
114	8:11:24	fix	16393.57	-3680.66	-10481.51	6080009.461	3499889.418	51.607	4	8	2.25	0.03	0.02
115	8:11:50	fix	16387.47	-3695.97	-10471.06	6080023.928	3499876.57	54.078	4	7	2.64	0.029	0.022
116	8:12:18	fix	16385.14	-3715.63	-10463.5	6080034.82	3499858.458	55.567	4	6	2.25	0.053	0.034
117	8:12:42	fix	16387.19	-3734.3	-10459.7	6080039.875	3499839.998	56.613	4	7	2.02	0.03	0.019
118	8:13:6	fix	16385.84	-3754.03	-10453.3	6080049.349	3499821.534	57.698	4	5	2.25	0.027	0.017
119	8:13:28	fix	16384.69	-3770.89	-10448.33	6080057.144	3499805.747	58.219	4	8	2.64	0.023	0.017
120	8:13:48	fix	16384.0	-3788.23	-10445.38	6080063.514	3499789.372	57.274	4	7	2.33	0.022	0.014
121	8:14:13	fix	16398.03	-3788.97	-10455.35	6080046.981	3499784.557	56.873	4	7	2.02	0.021	0.014
122	8:14:35	fix	16404.77	-3774.77	-10464.54	6080033.012	3499796.166	55.596	4	8	2.02	0.044	0.029
123	8:15:0	fix	16410.73	-3758.45	-10474.14	6080018.917	3499810.027	53.905	4	6	2.02	0.027	0.018
124	8:15:23	fix	16420.65	-3746.55	-10486.61	6080001.11	3499818.505	51.335	4	6	2.02	0.017	0.011
125	8:15:44	fix	16427.78	-3736.2	-10497.04	6079987.026	3499826.314	48.611	4	6	2.02	0.017	0.011
127las	8:16:23	fix	16437.12	-3732.1	-10507.54	6079972.677	3499827.497	45.997	4	7	2.25	0.022	0.013
128las	8:16:55	fix	16446.09	-3728.93	-10515.86	6079960.109	3499827.906	44.778	4	7	2.16	0.022	0.013
129	8:17:29	fix	16440.34	-3741.23	-10506.82	6079972.762	3499817.833	46.816	4	7	2.61	0.027	0.015
130	8:17:56	fix	16432.54	-3754.37	-10495.24	6079988.695	3499807.548	49.631	4	6	2.08	0.019	0.012
131	8:18:19	fix	16430.36	-3772.88	-10487.96	6079999.033	3499790.491	51.177	4	6	3.04	0.022	0.016
132	8:18:41	fix	16422.24	-3786.0	-10476.87	6080014.925	3499780.317	53.407	4	7	2.02	0.024	0.018
133	8:19:3	fix	16413.16	-3798.79	-10466.01	6080031.348	3499770.742	54.986	4	8	2.08	0.028	0.017
134	8:19:21	fix	16407.9	-3808.81	-10459.51	6080041.601	3499762.709	55.623	4	5	2.08	0.041	0.024
135	8:22:35	fix	16290.07	-3664.74	-10405.93	6080130.14	3499934.914	57.964	4	7	2.02	0.019	0.012
136	8:23:8	fix	16288.89	-3646.61	-10410.92	6080123.834	3499952.59	56.344	4	7	2.08	0.022	0.013
137	8:23:31	fix	16290.37	-3627.59	-10417.13	6080114.542	3499970.347	55.367	4	8	2.3	0.036	0.02
138	8:23:55	fix	16292.01	-3609.3	-10420.71	6080106.836	3499987.349	56.494	4	6	2.02	0.022	0.013
139	8:24:15	fix	16293.89	-3593.38	-10422.62	6080100.486	3500002.023	58.707	4	6	2.47	0.051	0.032
140	8:24:37	fix	16297.13	-3582.22	-10423.94	6080094.547	3500011.749	61.351	4	5	2.25	0.025	0.014
141	8:24:59	fix	16301.07	-3570.71	-10424.99	6080088.138	3500021.597	64.651	4	7	2.3	0.035	0.019
142	8:25:26	fix	16307.6	-3556.16	-10427.87	6080077.933	3500033.601	68.441	4	8	2.0	0.027	0.016
143	8:25:56	fix	16302.29	-3551.95	-10424.98	6080082.744	3500039.181	68.54	4	8	1.94	0.031	0.018
144	8:28:8	fix	16287.46	-3675.86	-10400.14	6080138.183	3499925.049	59.316	4	7	1.94	0.023	0.013

145	8:28:29	fix	16287.02	-3692.42	-10394.45	6080145.777	3499909.342	60.872	4	7	2.39	0.037	0.02
146	8:28:50	fix	16281.85	-3703.74	-10386.23	6080157.277	3499900.029	62.729	4	7	1.94	0.025	0.014
147	8:29:9	fix	16278.46	-3712.3	-10380.66	6080165.191	3499892.835	63.907	4	7	1.94	0.021	0.012
148	8:29:27	fix	16270.95	-3716.07	-10373.87	6080175.881	3499891.431	64.583	4	7	1.94	0.022	0.013
149	8:29:44	fix	16268.18	-3725.96	-10370.69	6080182.228	3499882.781	63.936	4	6	2.25	0.03	0.017
150	8:30:20	fix	16251.47	-3733.26	-10356.81	6080205.039	3499880.69	64.644	4	6	1.94	0.026	0.015
dwa	8:52:35	fix	15162.34	-3592.33	-9632.02	6081440.085	3500333.963	69.88	4	9	2.78	0.021	0.009

[włącz kontrolne drukuj stronę](#)