

## 附錄一 Bernese 4.2 模擬動態定位解算成果

KINEMATIC COORDINATES:				
EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.8682 +- 0.007	-1.2285 +- 0.008	-16.5434 +- 0.018
2		-2.8838 +- 0.007	-1.2279 +- 0.008	-16.5277 +- 0.018
3		-2.8909 +- 0.007	-1.2297 +- 0.008	-16.5135 +- 0.018
4		-2.9009 +- 0.007	-1.2257 +- 0.008	-16.5178 +- 0.018
5		-2.8963 +- 0.007	-1.2264 +- 0.008	-16.5036 +- 0.018
6		-2.8946 +- 0.007	-1.2210 +- 0.008	-16.5070 +- 0.018
7		-2.8987 +- 0.007	-1.2089 +- 0.008	-16.5104 +- 0.018
8		-2.9103 +- 0.007	-1.2086 +- 0.008	-16.5322 +- 0.018
9		-2.9039 +- 0.007	-1.2104 +- 0.008	-16.5175 +- 0.018
10		-2.8931 +- 0.007	-1.2170 +- 0.008	-16.5438 +- 0.018
11		-2.8846 +- 0.007	-1.2263 +- 0.008	-16.5478 +- 0.018
12		-2.8820 +- 0.007	-1.2118 +- 0.008	-16.5358 +- 0.018
13		-2.8905 +- 0.007	-1.2247 +- 0.008	-16.5184 +- 0.018
14		-2.8977 +- 0.007	-1.2160 +- 0.008	-16.4966 +- 0.018
15		-2.8968 +- 0.007	-1.2167 +- 0.008	-16.4953 +- 0.018
16		-2.8948 +- 0.007	-1.2237 +- 0.008	-16.5084 +- 0.018
17		-2.8978 +- 0.007	-1.2180 +- 0.008	-16.5084 +- 0.018
18		-2.8980 +- 0.007	-1.2160 +- 0.008	-16.4989 +- 0.018
19		-2.8877 +- 0.007	-1.2202 +- 0.008	-16.5012 +- 0.018
20		-2.8897 +- 0.007	-1.2220 +- 0.008	-16.5026 +- 0.018
21		-2.8904 +- 0.007	-1.2148 +- 0.008	-16.5169 +- 0.018
22		-2.9005 +- 0.007	-1.2197 +- 0.008	-16.5360 +- 0.018
23		-2.8927 +- 0.007	-1.2170 +- 0.008	-16.5266 +- 0.018
24		-2.8987 +- 0.007	-1.2098 +- 0.008	-16.5223 +- 0.019
25		-2.8993 +- 0.007	-1.2084 +- 0.008	-16.5216 +- 0.019

圖一 G060-Y540 模擬動態定位解算成果 (2003-11-09)

KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.8741 +- 0.010	-1.2114 +- 0.010	-16.5605 +- 0.028
2		-2.8806 +- 0.007	-1.2120 +- 0.008	-16.5427 +- 0.018
3		-2.8905 +- 0.007	-1.2166 +- 0.008	-16.5319 +- 0.018
4		-2.8904 +- 0.007	-1.2166 +- 0.008	-16.5023 +- 0.018
5		-2.8963 +- 0.007	-1.2171 +- 0.008	-16.5139 +- 0.018
6		-2.8922 +- 0.007	-1.2142 +- 0.008	-16.5115 +- 0.018
7		-2.8991 +- 0.007	-1.2068 +- 0.008	-16.5179 +- 0.018
8		-2.9016 +- 0.007	-1.2048 +- 0.008	-16.5117 +- 0.018
9		-2.9014 +- 0.007	-1.2037 +- 0.008	-16.5309 +- 0.018
10		-2.8921 +- 0.007	-1.2145 +- 0.008	-16.5243 +- 0.018
11		-2.8877 +- 0.007	-1.2163 +- 0.008	-16.5334 +- 0.018
12		-2.8826 +- 0.007	-1.2097 +- 0.008	-16.5390 +- 0.018
13		-2.8854 +- 0.007	-1.2124 +- 0.008	-16.5182 +- 0.018
14		-2.8889 +- 0.007	-1.2108 +- 0.008	-16.5151 +- 0.018
15		-2.8921 +- 0.007	-1.2137 +- 0.008	-16.5194 +- 0.018
16		-2.8938 +- 0.007	-1.2153 +- 0.008	-16.5367 +- 0.018
17		-2.8956 +- 0.007	-1.2131 +- 0.008	-16.5299 +- 0.018
18		-2.8922 +- 0.007	-1.2100 +- 0.008	-16.5191 +- 0.018
19		-2.8856 +- 0.007	-1.2175 +- 0.008	-16.5252 +- 0.018
20		-2.8923 +- 0.007	-1.2155 +- 0.008	-16.5285 +- 0.018
21		-2.8899 +- 0.007	-1.2138 +- 0.008	-16.5385 +- 0.018
22		-2.8967 +- 0.007	-1.2172 +- 0.008	-16.5523 +- 0.019
23		-2.8945 +- 0.007	-1.2146 +- 0.008	-16.5490 +- 0.019
24		-2.8959 +- 0.007	-1.2132 +- 0.008	-16.5365 +- 0.019
25		-2.8917 +- 0.007	-1.2104 +- 0.008	-16.5456 +- 0.019

圖二 S802-Y540 模擬動態定位解算成果 (2003-11-09)

KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.8988 +- 0.009	-1.3158 +- 0.010	-16.2173 +- 0.026
2		-2.9031 +- 0.009	-1.3120 +- 0.010	-16.1748 +- 0.026
3		-2.9016 +- 0.009	-1.3105 +- 0.010	-16.1661 +- 0.026
4		-2.8996 +- 0.009	-1.3072 +- 0.010	-16.1567 +- 0.026
5		-2.9043 +- 0.009	-1.3058 +- 0.010	-16.1510 +- 0.026
6		-2.9082 +- 0.009	-1.3039 +- 0.010	-16.1472 +- 0.026
7		-2.9064 +- 0.009	-1.3088 +- 0.010	-16.1445 +- 0.026
8		-2.9016 +- 0.009	-1.3088 +- 0.010	-16.1581 +- 0.026
9		-2.9127 +- 0.009	-1.3044 +- 0.010	-16.1663 +- 0.027
10		-2.9133 +- 0.009	-1.2992 +- 0.010	-16.1827 +- 0.027
11		-2.9087 +- 0.009	-1.2964 +- 0.010	-16.1851 +- 0.027
12		-2.9011 +- 0.009	-1.3057 +- 0.010	-16.1905 +- 0.027
13		-2.9088 +- 0.009	-1.3020 +- 0.011	-16.2023 +- 0.027
14		-2.9093 +- 0.009	-1.3038 +- 0.011	-16.1984 +- 0.027
15		-2.9112 +- 0.009	-1.2986 +- 0.011	-16.1976 +- 0.027
16		-2.9113 +- 0.009	-1.2981 +- 0.011	-16.1994 +- 0.028
17		-2.9103 +- 0.009	-1.2948 +- 0.011	-16.1983 +- 0.028
18		-2.9107 +- 0.009	-1.2975 +- 0.011	-16.2016 +- 0.028
19		-2.9140 +- 0.009	-1.3004 +- 0.011	-16.1933 +- 0.028
20		-2.9100 +- 0.009	-1.3046 +- 0.011	-16.2127 +- 0.028
21		-2.9067 +- 0.009	-1.2997 +- 0.011	-16.2004 +- 0.028
22		-2.9078 +- 0.009	-1.2955 +- 0.011	-16.1823 +- 0.029
23		-2.9077 +- 0.009	-1.2939 +- 0.011	-16.1814 +- 0.029
24		-2.9150 +- 0.009	-1.2958 +- 0.011	-16.1746 +- 0.029
25		-2.9136 +- 0.009	-1.3000 +- 0.011	-16.1595 +- 0.029

圖三 S903-Y540 模擬動態定位解算成果 (2003-11-09)

KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.9143 +- 0.010	-1.1933 +- 0.009	-16.9442 +- 0.024
2		-2.9159 +- 0.010	-1.2030 +- 0.009	-16.9402 +- 0.024
3		-2.9227 +- 0.010	-1.2030 +- 0.009	-16.9378 +- 0.024
4		-2.9225 +- 0.010	-1.2005 +- 0.009	-16.9477 +- 0.024
5		-2.9218 +- 0.010	-1.1978 +- 0.009	-16.9296 +- 0.024
6		-2.9256 +- 0.010	-1.1951 +- 0.009	-16.9238 +- 0.024
7		-2.9267 +- 0.010	-1.1986 +- 0.009	-16.9344 +- 0.024
8		-2.9188 +- 0.010	-1.1960 +- 0.009	-16.9407 +- 0.024
9		-2.9122 +- 0.010	-1.1993 +- 0.009	-16.9230 +- 0.024
10		-2.9205 +- 0.010	-1.1900 +- 0.009	-16.9051 +- 0.024
11		-2.9233 +- 0.010	-1.1936 +- 0.009	-16.9076 +- 0.024
12		-2.9268 +- 0.010	-1.2025 +- 0.009	-16.9011 +- 0.024
13		-2.9184 +- 0.010	-1.2076 +- 0.009	-16.9105 +- 0.025
14		-2.9245 +- 0.010	-1.2014 +- 0.009	-16.9238 +- 0.025
15		-2.9367 +- 0.010	-1.2016 +- 0.009	-16.9134 +- 0.025
16		-2.9326 +- 0.010	-1.2018 +- 0.009	-16.9448 +- 0.025
17		-2.9302 +- 0.010	-1.2116 +- 0.009	-16.9539 +- 0.025
18		-2.9308 +- 0.010	-1.2098 +- 0.009	-16.9508 +- 0.025
19		-2.9236 +- 0.010	-1.2126 +- 0.009	-16.9598 +- 0.025
20		-2.9186 +- 0.010	-1.2116 +- 0.009	-16.9623 +- 0.025
21		-2.9142 +- 0.010	-1.2168 +- 0.009	-16.9770 +- 0.025
22		-2.9064 +- 0.010	-1.2184 +- 0.009	-16.9662 +- 0.025
23		-2.9028 +- 0.010	-1.2218 +- 0.009	-16.9808 +- 0.025
24		-2.8982 +- 0.009	-1.2280 +- 0.009	-17.0057 +- 0.025
25		-2.9033 +- 0.009	-1.2177 +- 0.009	-16.9876 +- 0.025

圖四 G060-Y540 模擬動態定位解算成果 (2004-02-15)

KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.8895 +- 0.008	-1.2227 +- 0.007	-16.5950 +- 0.018
2		-2.8832 +- 0.008	-1.2238 +- 0.007	-16.5938 +- 0.018
3		-2.8874 +- 0.008	-1.2276 +- 0.007	-16.5889 +- 0.018
4		-2.8812 +- 0.008	-1.2302 +- 0.007	-16.6025 +- 0.018
5		-2.8797 +- 0.007	-1.2228 +- 0.007	-16.5935 +- 0.018
6		-2.8851 +- 0.007	-1.2251 +- 0.007	-16.5923 +- 0.018
7		-2.8863 +- 0.007	-1.2256 +- 0.007	-16.5866 +- 0.018
8		-2.8827 +- 0.007	-1.2213 +- 0.007	-16.5939 +- 0.019
9		-2.8807 +- 0.007	-1.2178 +- 0.007	-16.5768 +- 0.019
10		-2.8902 +- 0.007	-1.2073 +- 0.007	-16.5600 +- 0.019
11		-2.8857 +- 0.007	-1.2145 +- 0.007	-16.5665 +- 0.019
12		-2.8835 +- 0.007	-1.2202 +- 0.007	-16.5756 +- 0.019
13		-2.8835 +- 0.007	-1.2241 +- 0.007	-16.5808 +- 0.019
14		-2.8854 +- 0.007	-1.2208 +- 0.007	-16.5941 +- 0.019
15		-2.8911 +- 0.007	-1.2192 +- 0.007	-16.5826 +- 0.019
16		-2.8960 +- 0.007	-1.2188 +- 0.007	-16.5901 +- 0.019
17		-2.8950 +- 0.007	-1.2182 +- 0.007	-16.5956 +- 0.019
18		-2.8917 +- 0.007	-1.2191 +- 0.007	-16.5949 +- 0.019
19		-2.8839 +- 0.007	-1.2207 +- 0.007	-16.5917 +- 0.019
20		-2.8875 +- 0.007	-1.2175 +- 0.007	-16.5935 +- 0.019
21		-2.8938 +- 0.007	-1.2174 +- 0.007	-16.5810 +- 0.019
22		-2.8877 +- 0.007	-1.2174 +- 0.007	-16.5730 +- 0.019
23		-2.8874 +- 0.007	-1.2198 +- 0.007	-16.6009 +- 0.019
24		-2.8881 +- 0.007	-1.2164 +- 0.007	-16.6065 +- 0.019
25		-2.8893 +- 0.007	-1.2222 +- 0.007	-16.6134 +- 0.019

圖五 S802-Y540 模擬動態定位解算成果 (2004-02-15)

KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.9278 +- 0.009	-1.2929 +- 0.009	-16.1434 +- 0.028
2		-2.9237 +- 0.009	-1.2966 +- 0.009	-16.1612 +- 0.028
3		-2.9146 +- 0.009	-1.2891 +- 0.009	-16.1383 +- 0.028
4		-2.9222 +- 0.009	-1.2931 +- 0.009	-16.1344 +- 0.028
5		-2.9173 +- 0.009	-1.3013 +- 0.009	-16.1181 +- 0.028
6		-2.9204 +- 0.009	-1.3032 +- 0.009	-16.1277 +- 0.028
7		-2.9242 +- 0.009	-1.2996 +- 0.009	-16.1079 +- 0.028
8		-2.9174 +- 0.009	-1.3007 +- 0.009	-16.1284 +- 0.029
9		-2.9124 +- 0.009	-1.2986 +- 0.009	-16.1405 +- 0.029
10		-2.9181 +- 0.009	-1.2886 +- 0.009	-16.1313 +- 0.029
11		-2.9118 +- 0.009	-1.2895 +- 0.009	-16.1522 +- 0.029
12		-2.9125 +- 0.010	-1.3000 +- 0.009	-16.1312 +- 0.031
13		-2.9196 +- 0.010	-1.3059 +- 0.009	-16.1257 +- 0.031
14		-2.9182 +- 0.010	-1.3089 +- 0.009	-16.1325 +- 0.031
15		-2.9222 +- 0.010	-1.3123 +- 0.009	-16.1308 +- 0.031
16		-2.9300 +- 0.010	-1.3024 +- 0.009	-16.1418 +- 0.031
17		-2.9338 +- 0.010	-1.3065 +- 0.009	-16.1532 +- 0.031
18		-2.9243 +- 0.010	-1.3057 +- 0.009	-16.1527 +- 0.031
19		-2.9269 +- 0.010	-1.2985 +- 0.009	-16.1393 +- 0.031
20		-2.9229 +- 0.009	-1.3020 +- 0.009	-16.1257 +- 0.031
21		-2.9196 +- 0.009	-1.3104 +- 0.009	-16.1647 +- 0.031
22		-2.9241 +- 0.009	-1.3175 +- 0.009	-16.1480 +- 0.031
23		-2.9281 +- 0.009	-1.3069 +- 0.009	-16.1339 +- 0.031
24		-2.9278 +- 0.009	-1.3021 +- 0.009	-16.1365 +- 0.031
25		-2.9215 +- 0.009	-1.3031 +- 0.010	-16.1460 +- 0.031

圖六 S903-Y540 模擬動態定位解算成果 (2004-02-15)

KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.9105 +- 0.017	-1.2207 +- 0.011	-15.7832 +- 0.066
2		-2.9042 +- 0.014	-1.2192 +- 0.011	-15.7575 +- 0.067
3		-2.9006 +- 0.013	-1.2094 +- 0.010	-15.8047 +- 0.056
4		-2.9023 +- 0.013	-1.2126 +- 0.010	-15.8151 +- 0.057
5		-2.8933 +- 0.013	-1.2108 +- 0.010	-15.7913 +- 0.057
6		-2.8899 +- 0.013	-1.2162 +- 0.010	-15.8125 +- 0.058
7		-2.8916 +- 0.013	-1.2130 +- 0.010	-15.7849 +- 0.058
8		-2.8868 +- 0.013	-1.2154 +- 0.010	-15.8143 +- 0.059
9		-2.8885 +- 0.013	-1.2178 +- 0.010	-15.8166 +- 0.059
10		-2.8956 +- 0.013	-1.2310 +- 0.010	-15.7852 +- 0.060
11		-2.8879 +- 0.013	-1.2274 +- 0.010	-15.8122 +- 0.060
12		-2.8961 +- 0.016	-1.2308 +- 0.012	-15.7877 +- 0.067
13		-2.9042 +- 0.016	-1.2458 +- 0.012	-15.7652 +- 0.067
14		-2.9076 +- 0.016	-1.2428 +- 0.012	-15.7677 +- 0.067
15		-2.9049 +- 0.016	-1.2459 +- 0.012	-15.7725 +- 0.067
16		-2.9067 +- 0.016	-1.2502 +- 0.012	-15.7900 +- 0.067
17		-2.9043 +- 0.016	-1.2494 +- 0.012	-15.7581 +- 0.067
18		-2.9063 +- 0.016	-1.2445 +- 0.012	-15.7846 +- 0.067
19		-2.9024 +- 0.016	-1.2378 +- 0.012	-15.8079 +- 0.067
20		-2.9052 +- 0.016	-1.2338 +- 0.012	-15.8100 +- 0.067
21		-2.9051 +- 0.016	-1.2311 +- 0.012	-15.8079 +- 0.068
22		-2.9036 +- 0.016	-1.2277 +- 0.012	-15.8088 +- 0.068
23		-2.9011 +- 0.016	-1.2243 +- 0.012	-15.8341 +- 0.068

圖七 G060-Y540 模擬動態定位解算成果 (2004-05-16)

KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.8611 +- 0.021	-1.2248 +- 0.020	-16.0505 +- 0.054
2		-2.8668 +- 0.021	-1.2283 +- 0.020	-16.0349 +- 0.054
3		-2.8734 +- 0.021	-1.2241 +- 0.020	-16.0323 +- 0.053
4		-2.8709 +- 0.021	-1.2293 +- 0.020	-16.0346 +- 0.053
5		-2.8688 +- 0.021	-1.2269 +- 0.020	-16.0407 +- 0.053
6		-2.8716 +- 0.021	-1.2311 +- 0.020	-16.0425 +- 0.053
7		-2.8617 +- 0.021	-1.2337 +- 0.020	-16.0867 +- 0.053
8		-2.8345 +- 0.021	-1.2218 +- 0.020	-16.1174 +- 0.053
9		-2.8517 +- 0.021	-1.2273 +- 0.020	-16.0976 +- 0.053
10		-2.8353 +- 0.021	-1.2229 +- 0.020	-16.1040 +- 0.053
11		-2.8388 +- 0.021	-1.2207 +- 0.020	-16.0919 +- 0.053
12		-2.8433 +- 0.021	-1.2204 +- 0.020	-16.0803 +- 0.053
13		-2.8494 +- 0.021	-1.2261 +- 0.020	-16.0871 +- 0.053
14		-2.8450 +- 0.021	-1.2226 +- 0.020	-16.0917 +- 0.053
15		-2.8496 +- 0.021	-1.2144 +- 0.020	-16.0891 +- 0.053
16		-2.8465 +- 0.021	-1.2265 +- 0.020	-16.0910 +- 0.053
17		-2.8563 +- 0.021	-1.2265 +- 0.020	-16.0993 +- 0.052
18		-2.8533 +- 0.021	-1.2218 +- 0.020	-16.1099 +- 0.052
19		-2.8456 +- 0.021	-1.2183 +- 0.020	-16.0917 +- 0.052
20		-2.8457 +- 0.021	-1.2211 +- 0.020	-16.1134 +- 0.052
21		-2.8429 +- 0.024	-1.2138 +- 0.020	-16.1292 +- 0.057
22		-2.8446 +- 0.024	-1.2202 +- 0.020	-16.0971 +- 0.057
23		-2.8477 +- 0.024	-1.2220 +- 0.020	-16.0892 +- 0.057
24		-2.8465 +- 0.024	-1.2257 +- 0.020	-16.1062 +- 0.057
25		-2.8473 +- 0.024	-1.2172 +- 0.020	-16.1057 +- 0.057

圖八 S802-Y540 模擬動態定位解算成果 (2004-05-16)



KINEMATIC COORDINATES:

EPO	STATION	LATITUDE	LONGITUDE	HEIGHT
	Y540	23 38 49.980638	120 21 15.526405	48.8931
1		-2.9022 +- 0.027	-1.2831 +- 0.042	-16.3116 +- 0.099
2		-2.9352 +- 0.013	-1.3319 +- 0.014	-16.1971 +- 0.032
3		-2.9440 +- 0.013	-1.3286 +- 0.014	-16.1936 +- 0.032
4		-2.9509 +- 0.013	-1.3237 +- 0.014	-16.1605 +- 0.032
5		-2.9400 +- 0.013	-1.3317 +- 0.014	-16.1567 +- 0.032
6		-2.9422 +- 0.013	-1.3328 +- 0.014	-16.1600 +- 0.032
7		-2.9271 +- 0.013	-1.3221 +- 0.014	-16.1542 +- 0.032
8		-2.9319 +- 0.013	-1.3170 +- 0.014	-16.1603 +- 0.032
9		-2.9200 +- 0.013	-1.3364 +- 0.014	-16.1570 +- 0.032
10		-2.9100 +- 0.013	-1.3272 +- 0.014	-16.1736 +- 0.032
11		-2.9067 +- 0.013	-1.3186 +- 0.014	-16.1771 +- 0.032
12		-2.9059 +- 0.013	-1.3328 +- 0.014	-16.1790 +- 0.032
13		-2.9037 +- 0.013	-1.3342 +- 0.012	-16.1690 +- 0.032
14		-2.9055 +- 0.013	-1.3253 +- 0.012	-16.1766 +- 0.032
15		-2.8936 +- 0.013	-1.3227 +- 0.012	-16.1961 +- 0.033
16		-2.8992 +- 0.013	-1.3269 +- 0.012	-16.1665 +- 0.033
17		-2.9042 +- 0.013	-1.3154 +- 0.012	-16.1847 +- 0.033
18		-2.9083 +- 0.013	-1.3121 +- 0.012	-16.1677 +- 0.033
19		-2.9075 +- 0.017	-1.3089 +- 0.014	-16.2030 +- 0.047
20		-2.9012 +- 0.017	-1.3001 +- 0.014	-16.2423 +- 0.047
21		-2.9067 +- 0.016	-1.3169 +- 0.014	-16.2236 +- 0.047
22		-2.9082 +- 0.016	-1.3171 +- 0.014	-16.2126 +- 0.047
23		-2.9102 +- 0.016	-1.3077 +- 0.014	-16.2234 +- 0.047
24		-2.9031 +- 0.016	-1.2909 +- 0.014	-16.2530 +- 0.046
25		-2.9171 +- 0.016	-1.3055 +- 0.014	-16.2246 +- 0.046

圖九 S903-Y540 模擬動態定位解算成果 (2004-05-16)

## 附錄二 虛擬參考站 RINEX 檔案

2.1		OBSERVATION DATA		M (MIXED)		RINEX VERSION / TYPE	
Trimble Terrasat		RINEX Generator		06-Jul-04 20:25:05		PGM / RUN BY / DATE	
VRSy						MARKER NAME	
						MARKER NUMBER	
		Micro Z		ZC00		OBSERVER / AGENCY	
28800				LOCAL TIME OFFSET IN SEC		REC # / TYPE / VERS	
0						COMMENT	
		Trimble Default				RCV CLOCK OFFS APPL	
-2954137.7800		5044417.5100		2542559.6100		ANT # / TYPE	
0.0000		0.0000		0.0000		APPROX POSITION XYZ	
1 1 0						ANTENNA: DELTA H/E/N	
7 C1 P1 P2 L1 L2 S1 S2						WAVELENGTH FACT L1/2	
2003 11 9 1 0 0.000000				GPS		# / TYPES OF OBSERV	
						TIME OF FIRST OBS	
						END OF HEADER	
03 11 9 1 2		20.0000000 0		5G18G30G25G05G14			
22465155.732		22465154.159		22465159.573		6390319.55001 4955737.49501	
30.000		30.000					
20503455.103		20503454.626		20503457.346		5285506.08701 4107857.93001	
30.000		30.000					
22494628.280		22494627.300		22494631.305		4117655.01901 3206834.13901	
30.000		30.000					
23034242.993		23034241.563		23034246.233		6170494.14001 4784306.55901	
30.000		30.000					
21198254.253		21198253.452		21198255.859		-769616.54001 -600055.83901	
30.000		30.000					
03 11 9 1 2		40.0000000 0		5G18G30G25G05G14			
22477897.222		22477895.662		22477901.050		6457275.43701 5007910.78301	
30.000		30.000					
20508101.302		20508100.867		20508103.552		5309921.95101 4126883.25601	
30.000		30.000					
22490862.208		22490861.207		22490865.251		4097864.06201 3191412.60701	
30.000		30.000					

圖一 2003 年 11 月觀測之虛擬參考站檔頭

2.1		OBSERVATION DATA		M (MIXED)		RINEX VERSION / TYPE	
Trimble Terrasat		RINEX Generator		06-Jul-04 20:53:49		PGM / RUN BY / DATE	
VRSy						MARKER NAME	
						MARKER NUMBER	
						OBSERVER / AGENCY	
		Micro Z		ZCOO		REC # / TYPE / VERS	
28800				LOCAL TIME OFFSET IN SEC		COMMENT	
0						RCV CLOCK OFFS APPL	
		Trimble Default				ANT # / TYPE	
-2954133.7500		5044414.7200		2542555.2000		APPROX POSITION XYZ	
0.0000		0.0000		0.0000		ANTENNA: DELTA H/E/N	
1 1 0						WAVELENGTH FACT L1/2	
7 C1 P1 P2 L1 L2 S1 S2						# / TYPES OF OBSERV	
2004 2 15 1 10				0.000000		GPS	
						TIME OF FIRST OBS	
						END OF HEADER	
04 2 15 1 10		0.0000000 0		4G01G27G11G13			
23249210.583		23249209.319		23249216.692		18606952.54301 14485251.69001	
30.000		30.000					
21747865.390		21747864.553		21747868.237		5006735.11901 3902247.17801	
30.000		30.000					
21700180.585		21700180.103		21700184.296		4877144.75801 3801570.46501	
30.000		30.000					
23034389.181		23034388.916		23034393.128		15279086.40901 11892428.85101	
30.000		30.000					
04 2 15 1 10		1.0000000 0		4G01G27G11G13			
23249712.518		23249711.243		23249718.610		18609590.11101 14487306.93301	
30.000		30.000					
21747354.932		21747354.090		21747357.767		5004052.63001 3900156.92401	
30.000		30.000					
21699643.089		21699642.602		21699646.788		4874320.16801 3799369.48001	
30.000		30.000					
23034704.123		23034703.852		23034708.072		15280741.42101 11893718.46001	
30.000		30.000					

圖二 2004年2月觀測之虛擬參考站檔頭

2.1		OBSERVATION DATA		M (MIXED)		RINEX VERSION / TYPE	
Trimble Terrasat		RINEX Generator		06-Jul-04 15:16:12		PGM / RUN BY / DATE	
VRS						MARKER NAME	
						MARKER NUMBER	
						OBSERVER / AGENCY	
						REC # / TYPE / VERS	
						COMMENT	
						RCV CLOCK OFFS APPL	
						ANT # / TYPE	
						APPROX POSITION XYZ	
						ANTENNA: DELTA H/E/N	
						WAVELENGTH FACT L1/2	
						# / TYPES OF OBSERV	
						TIME OF FIRST OBS	
						END OF HEADER	
28800		Micro Z		UG00			
0				LOCAL TIME OFFSET IN SEC			
		Trimble Default					
-2954125.7169	5044400.7127	2542550.8472					
0.0000	0.0000	0.0000					
1	1	0					
7	C1	P1	P2	L1	L2	S1	S2
2004	5	16	3	0	0.000000		GPS
04	5	16	3	0	1.0000000	0	6G24G29G04G17G07G13
21652090.675		21652089.833		21652094.762		4075805.19201	3175309.22501
30.000		30.000					
23354664.561		23354664.462		23354674.315		-10201343.52201	-7909292.71501
30.000		30.000					
21962858.002		21962857.593		21962861.810		14912627.92601	11613209.84101
30.000		30.000					
23010942.290		23010941.035		23010947.058		-13815106.67501	-10754888.85301
30.000		30.000					
21759164.013		21759162.268		21759168.694		16827999.58301	13112531.69101
30.000		30.000					
23037069.198		23037069.029		23037073.308		9895574.37101	7712965.04301
30.000		30.000					
04	5	16	3	0	2.0000000	0	6G24G29G04G17G07G13
21651955.796		21651954.941		21651959.881		4075096.40401	3174756.92301
30.000		30.000					
23353989.795		23353989.706		23353999.563		-10204889.40801	-7912055.73801
30.000		30.000					

圖三 2004年5月觀測之虛擬參考站檔頭

## 作者簡歷

姓名：支 秉 榮

籍貫：台灣省台北縣

出生日期：西元 1980 年 3 月 8 日

E-mail：brianchih.cv91g@nctu.edu.tw

學歷：台北市立中正高級中學畢業

國立成功大學測量工程學系畢業

國立交通大學土木工程學系碩士班畢業

經歷：財政部國有財產局臺灣北區辦事處 技士

