X-Axis Statistics:

Average Velocity: -0.12 m/s

Average Acceleration: 0.03 m/s²

Velocity Standard Deviation: 0.74 m/s

Acceleration Standard Deviation: 123.10 m/s²

Y-Axis Statistics:

Average Velocity: 0.39 m/s

Average Acceleration: 0.01 m/s²

Velocity Standard Deviation: 1.87 m/s

Acceleration Standard Deviation: 116.98 m/s²

Z-Axis Statistics:

Average Velocity: -0.00 m/s

Average Acceleration: -0.07 m/s²

Velocity Standard Deviation: 7.22 m/s

Acceleration Standard Deviation: 177.93 m/s²

Anomalies detected at indices: [ 119 198 226 227 306 316 698 805 806 820 821 828 829 830

833 836 837 839 842 844 845 855 857 859 860 868 869 870

872 873 875 878 883 891 892 893 894 895 905 911 912 913

917 918 919 923 930 931 957 958 959 968 969 984 985 994

995 996 997 1001 1010 1012 1013 1018 1019 1020 1024 1025 1036 1041

1042 1053 1056 1076 1092 1103 1111 1117 1120 1123 1124 1132 1133 1135

1138 1139 1141 1142 1150 1151 1156 1157 1158 1160 1166 1167 1168 1182

1184 1190 1208 1209 1215 1216 1219 1220 1221 1222 1223 1228 1229 1230

1236 1237 1238 1239 1240 1241 1242 1303 1314 1315 1316 1317 1318 1319

1320 1321 1322 1323 1337 1341 1342 1343 1344 1345]