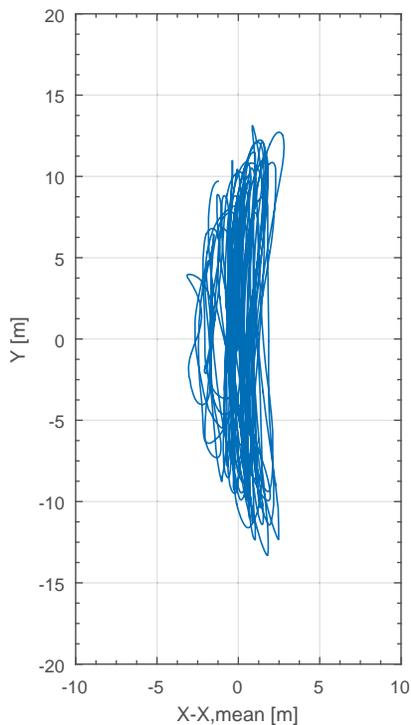
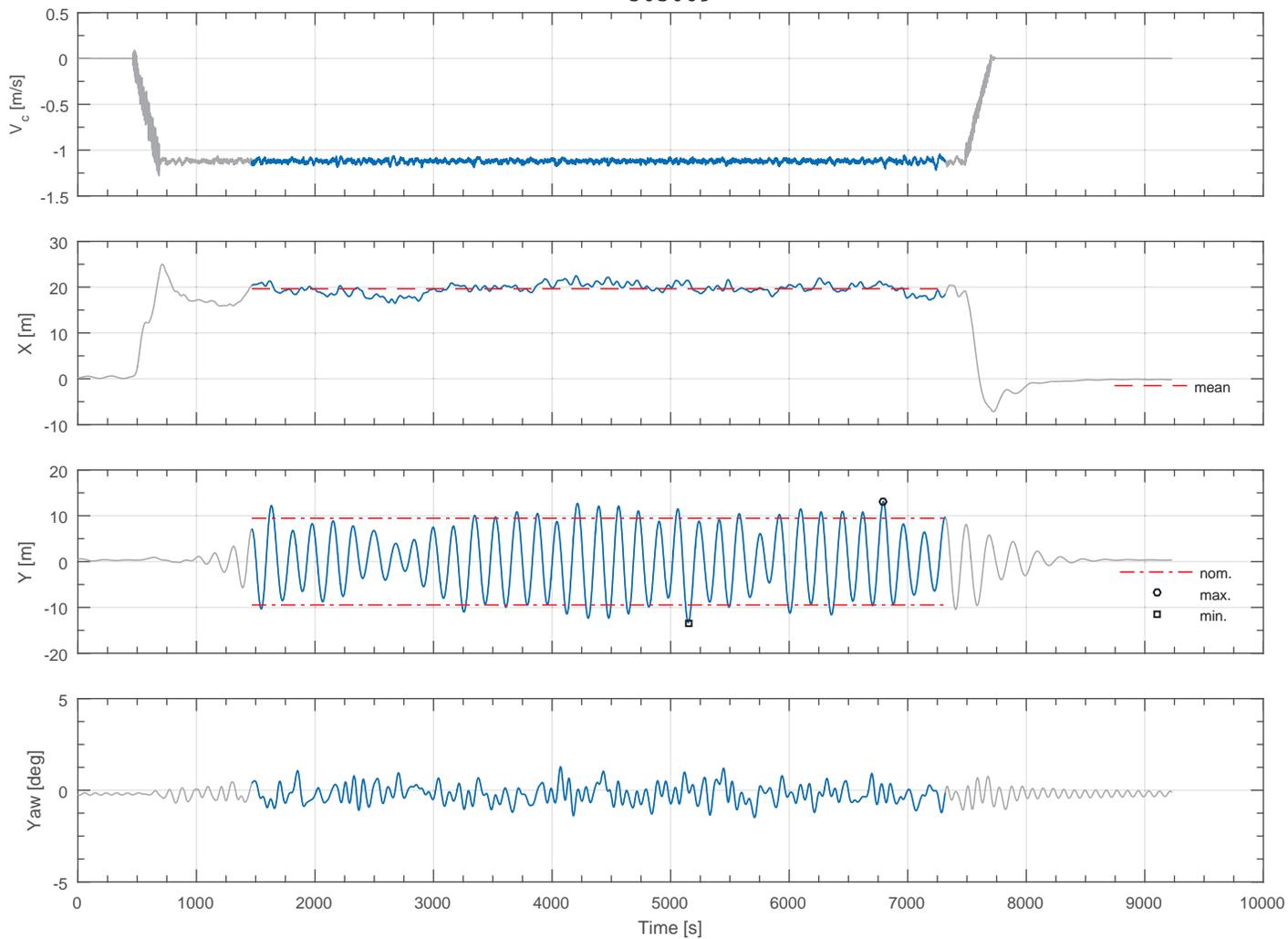


APPENDIX G

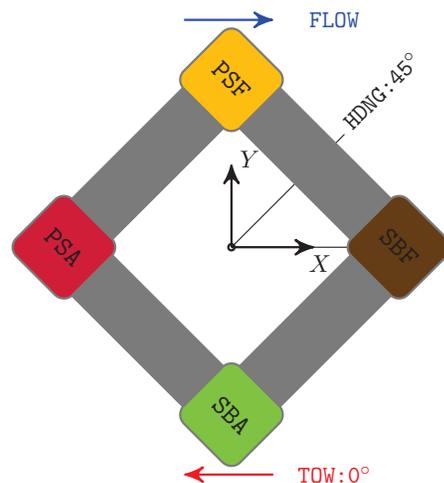
**C-Semi Results: VIM Tests – Motions, Time Response and Column. Pontoon Load Summary
Part 9 of 10**

305069

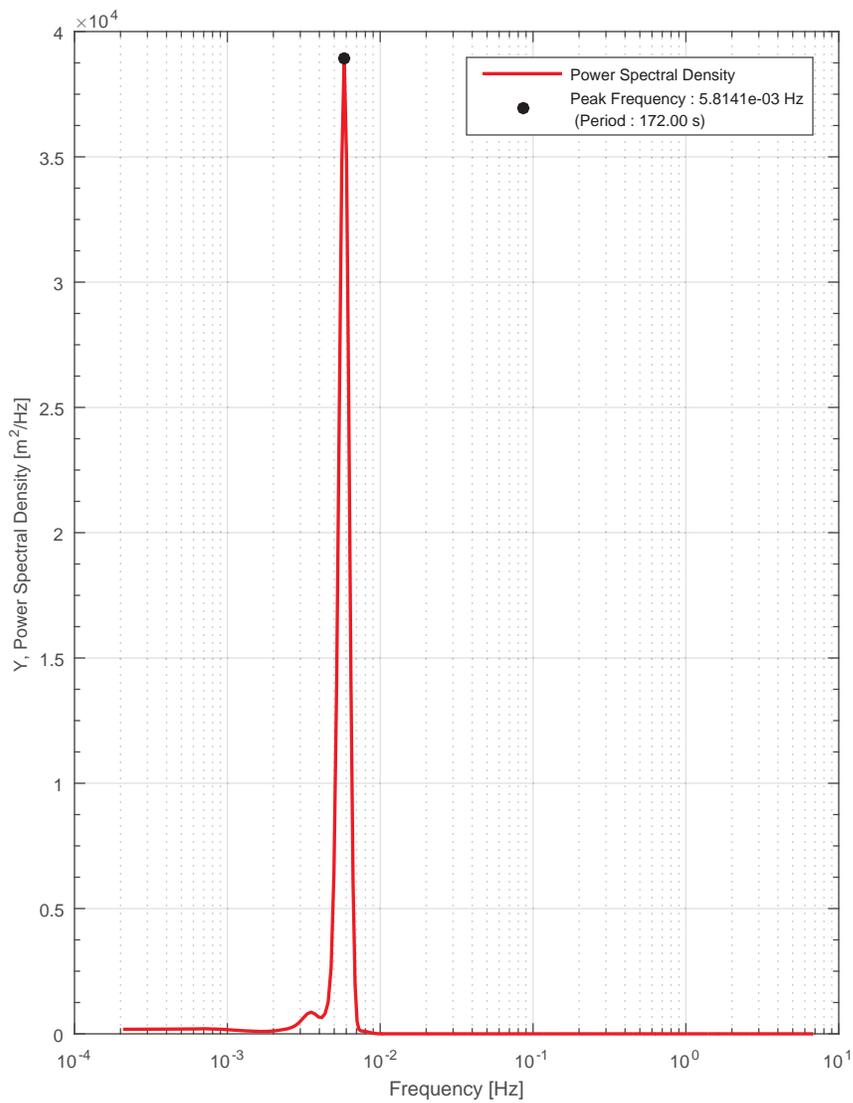
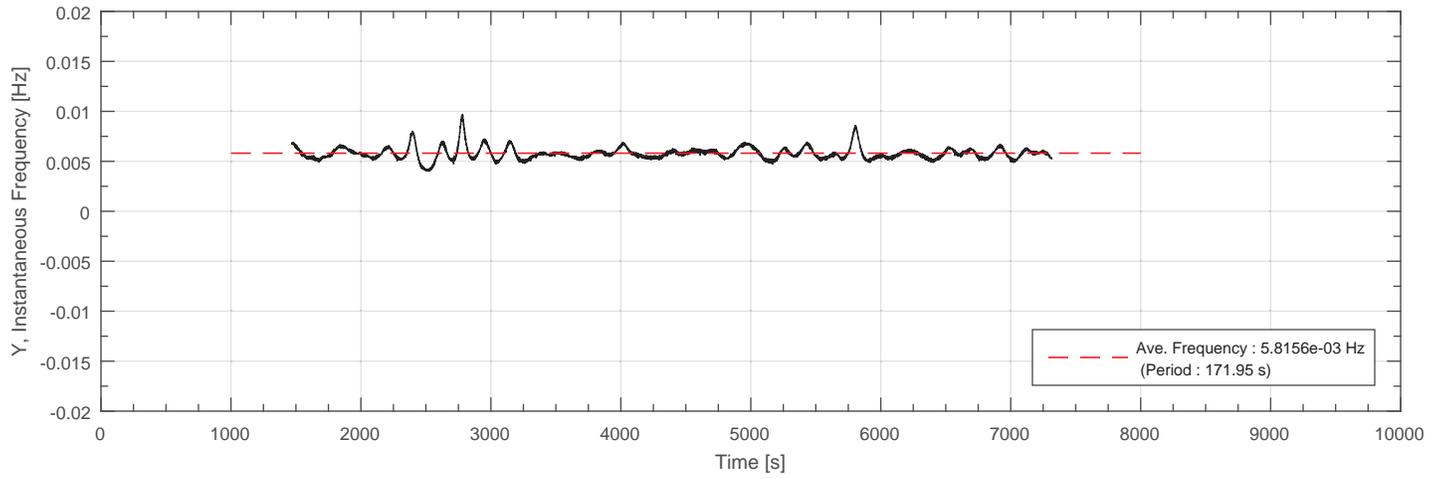
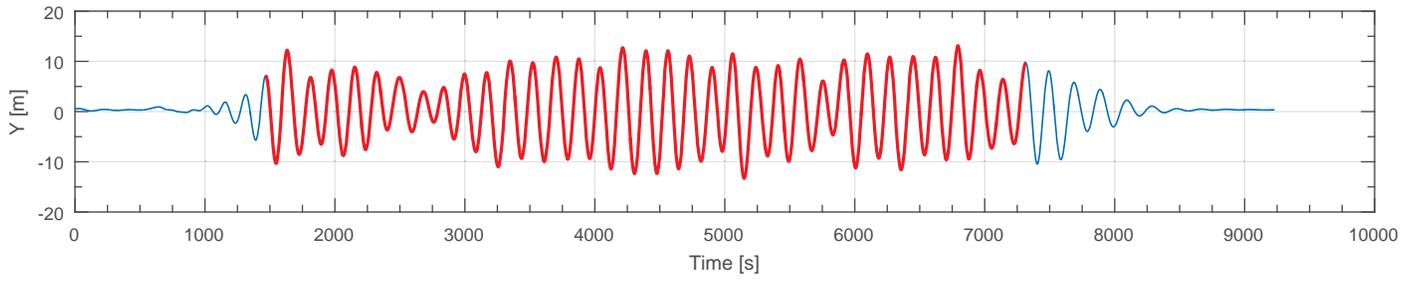


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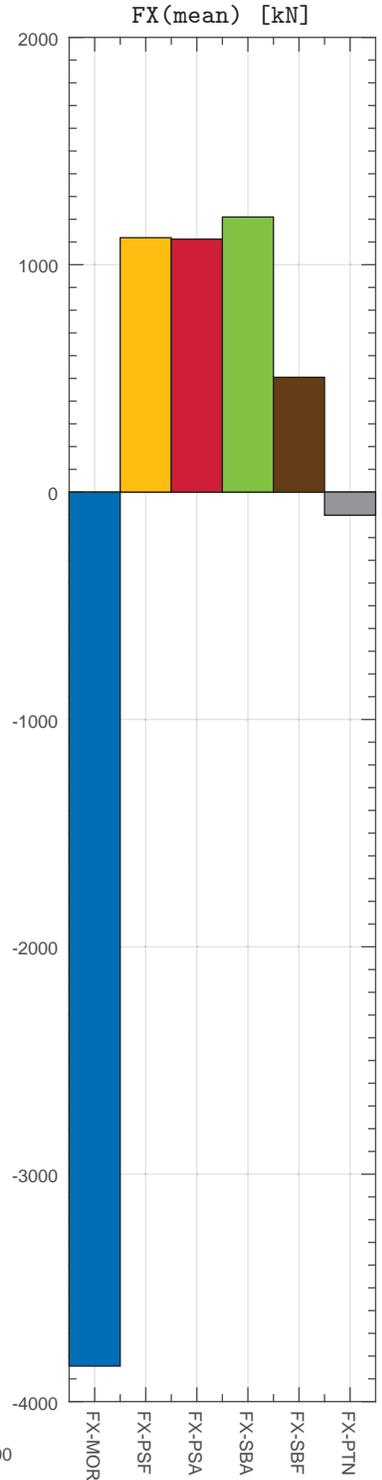
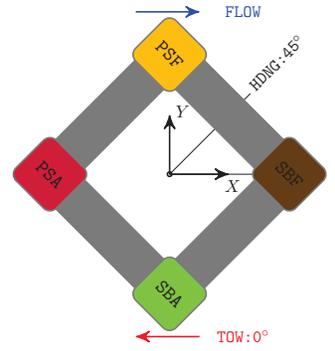
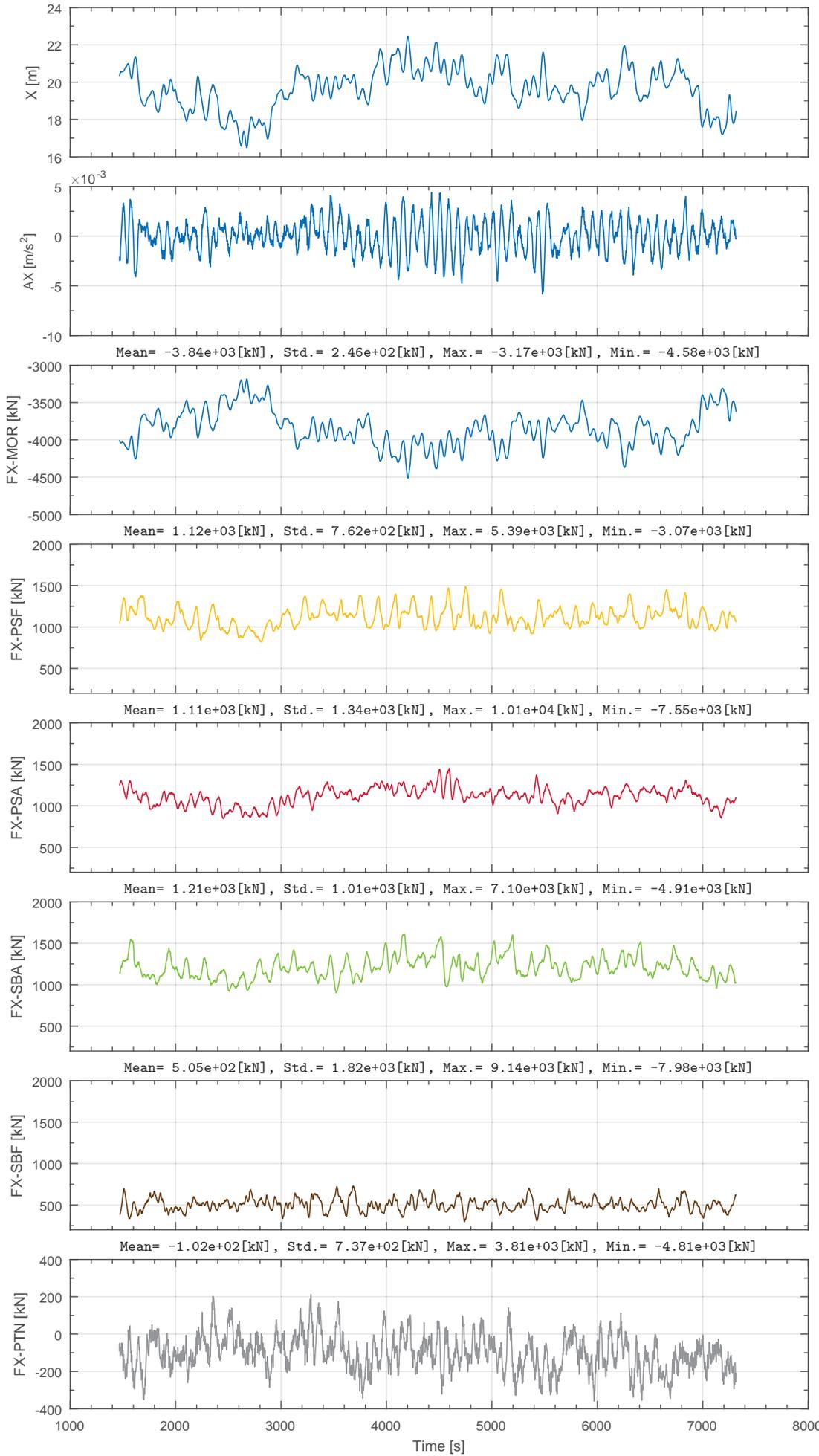
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Vc (mean)   : -1.12 m/s
Tow Dirn.   : 0.00 deg
Heading     : 45.00 deg
Time, Begin : 1467.49 s
Time, End   : 7316.31 s
X, mean     : 19.65 m
Y, nom.     : 9.46 m
Y, max.     : 13.22 m
D           : 31.04 m
Anom/D      : 0.30
Amax/D      : 0.43
Yaw, max.   : 1.28 deg
Yaw, min.   : -1.49 deg
Damping     : 1308.20 kNs/m
    
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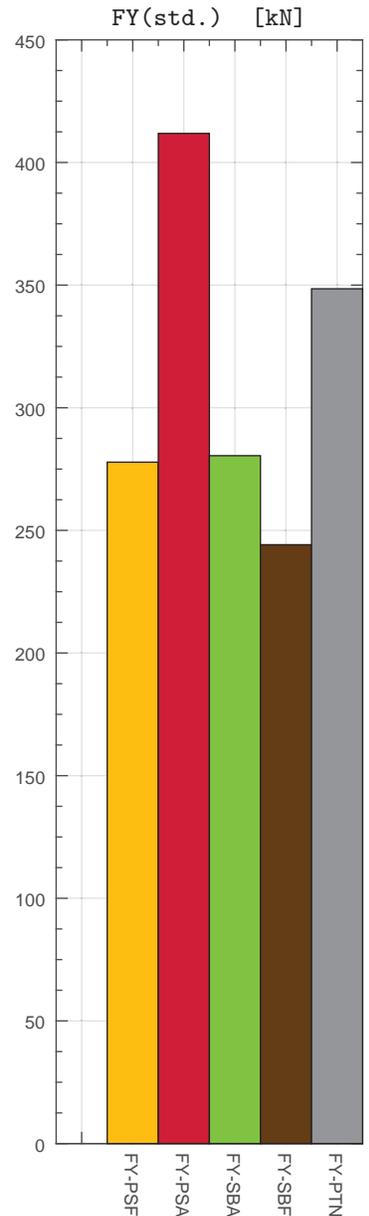
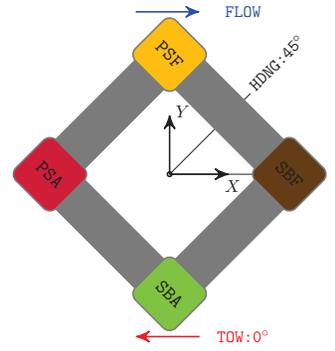
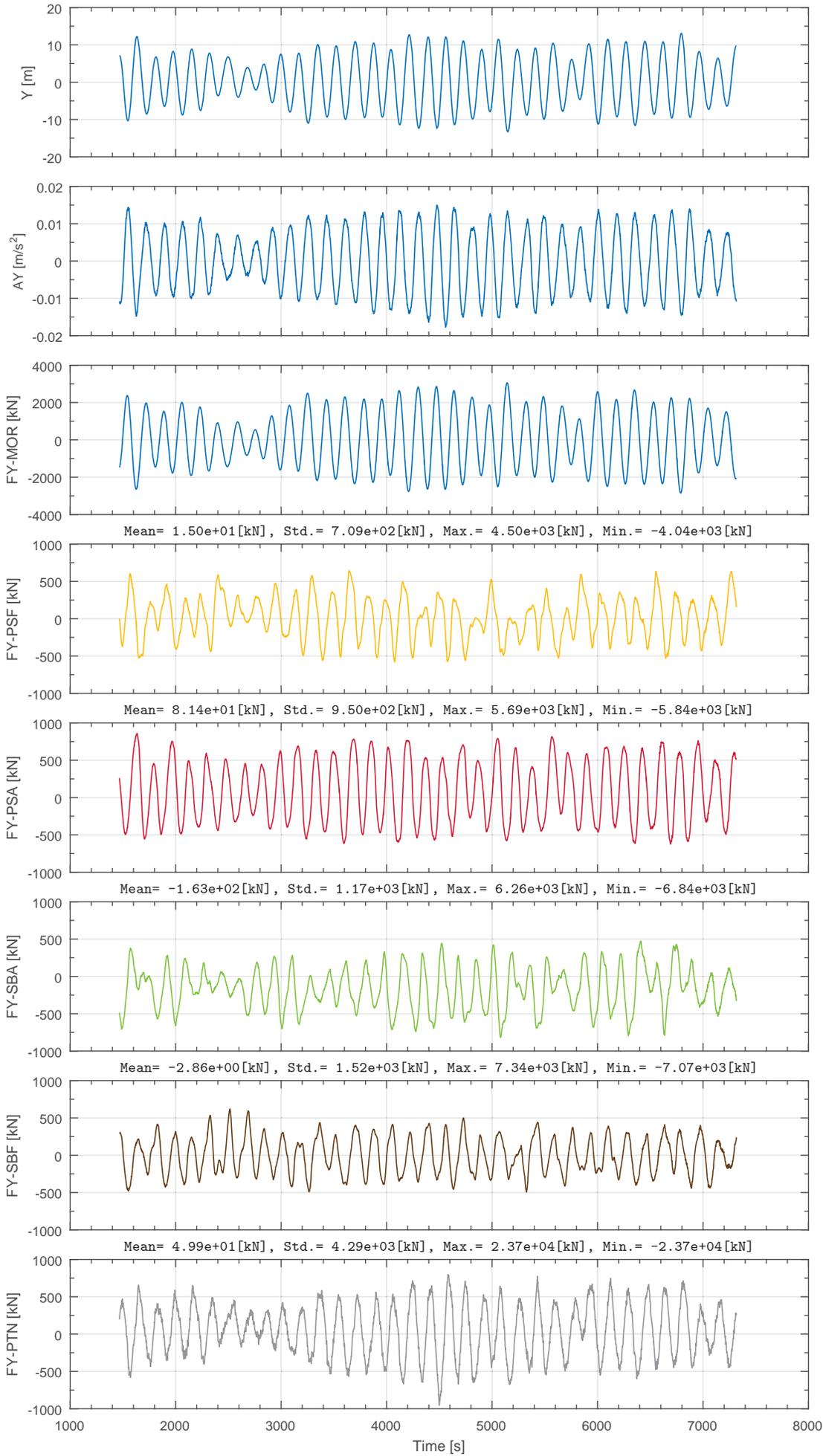
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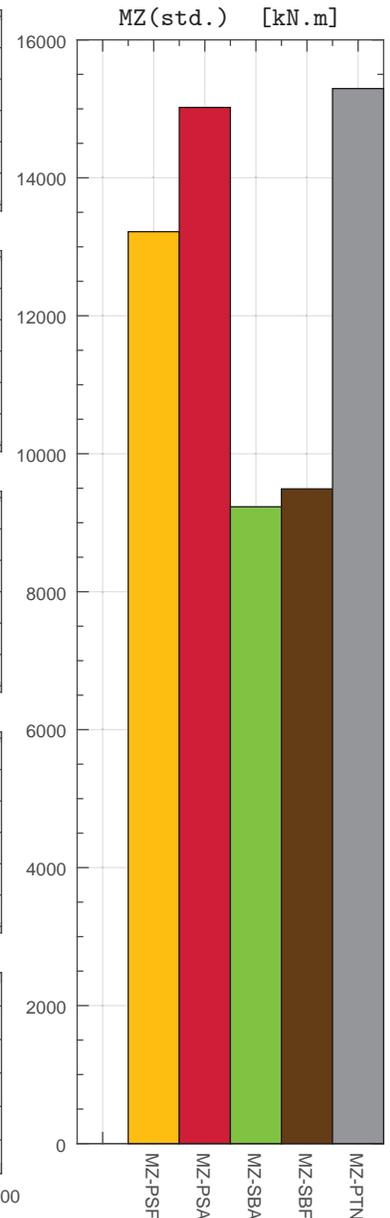
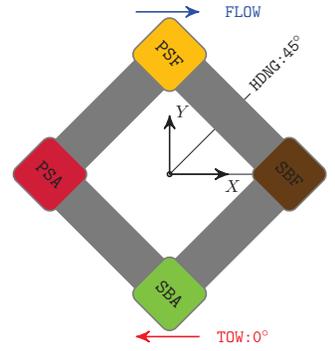
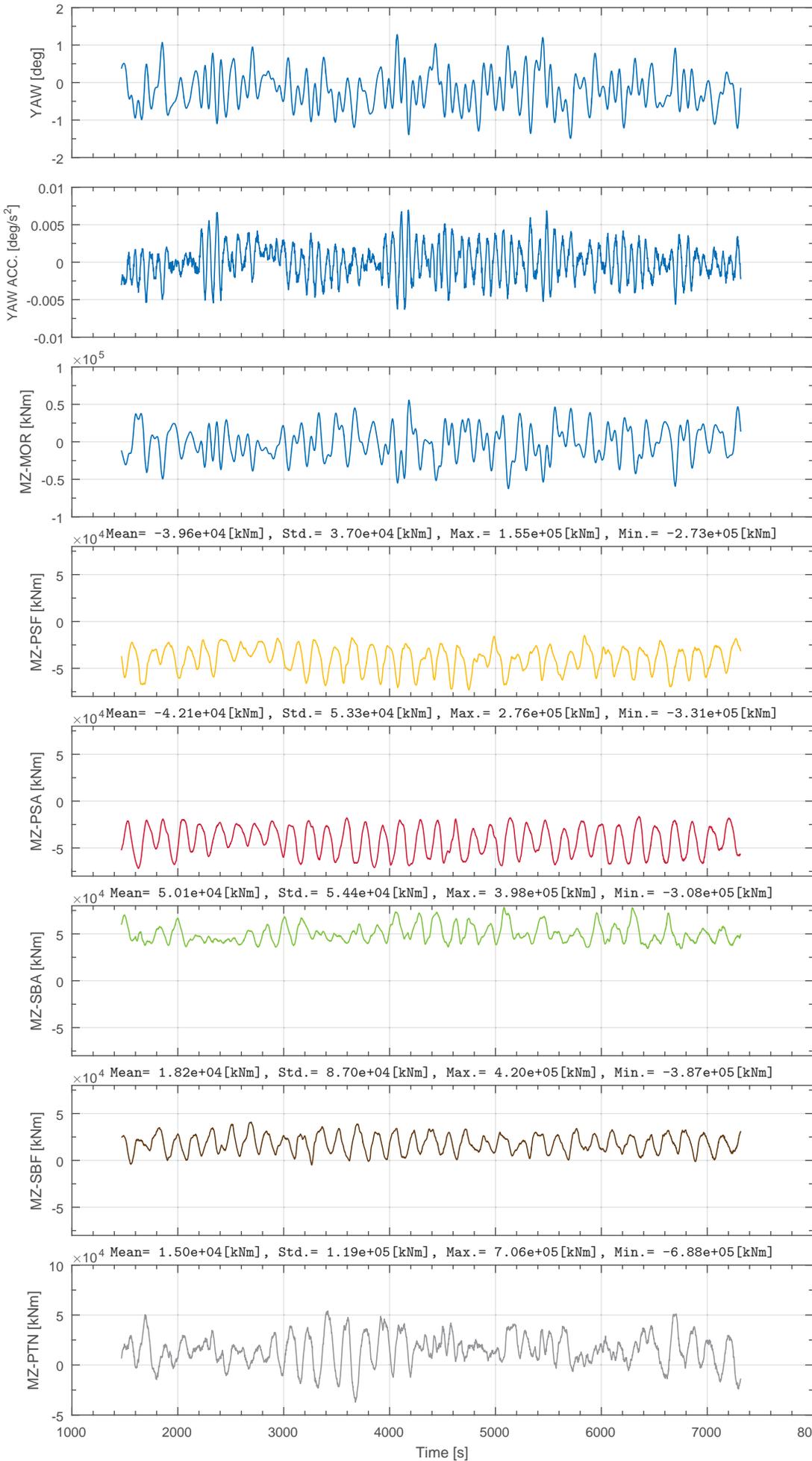
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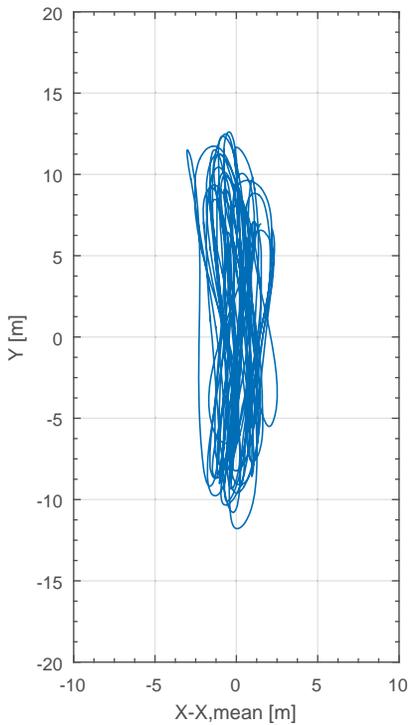
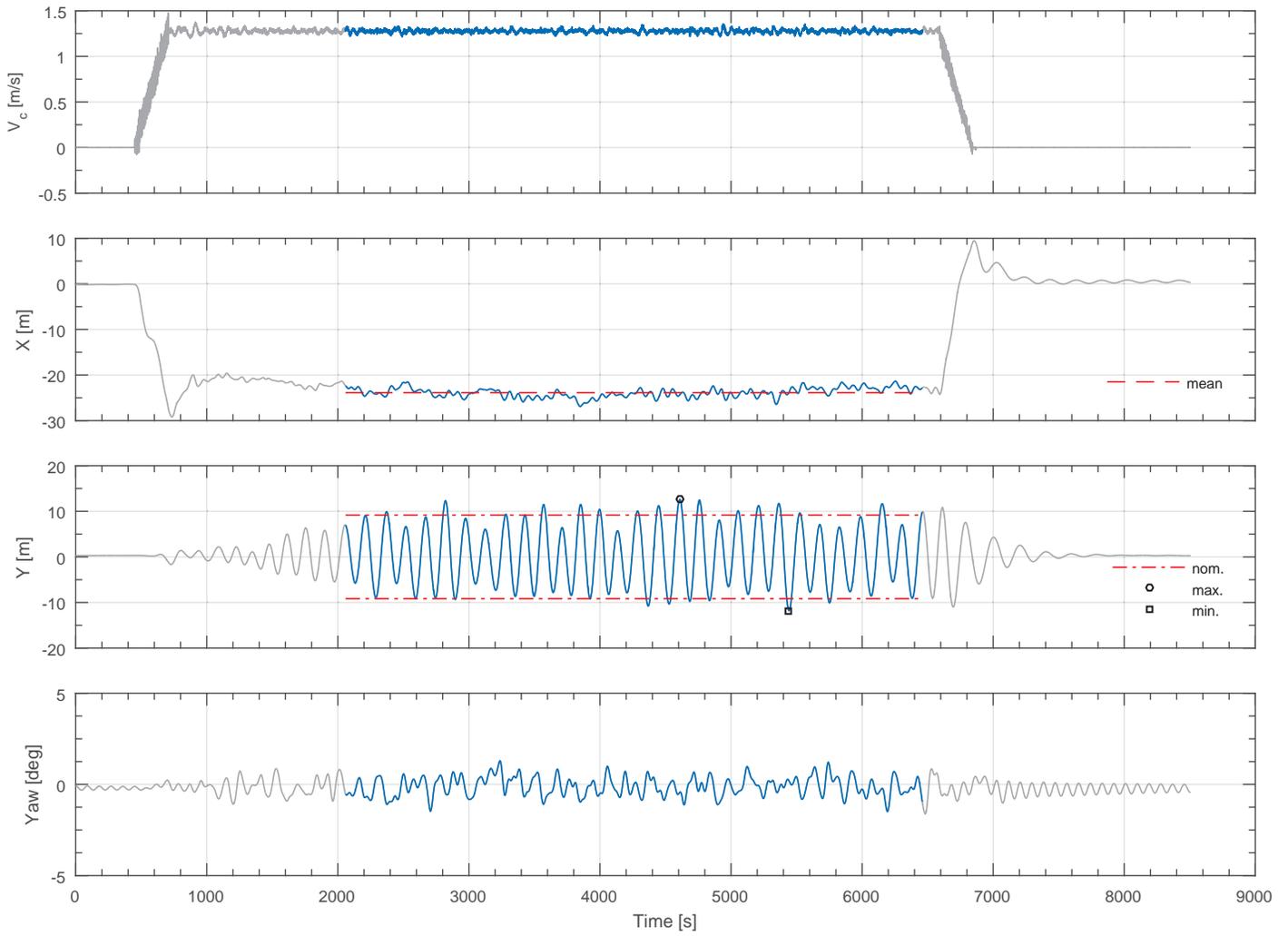
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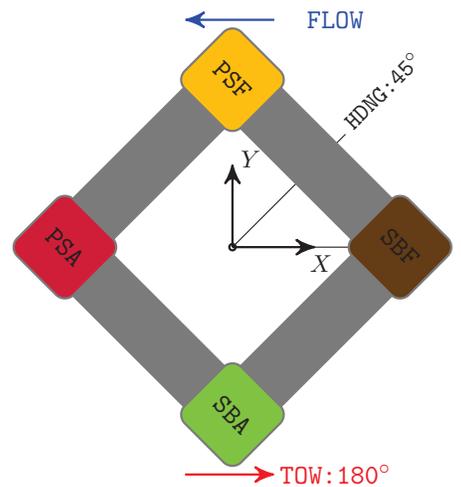
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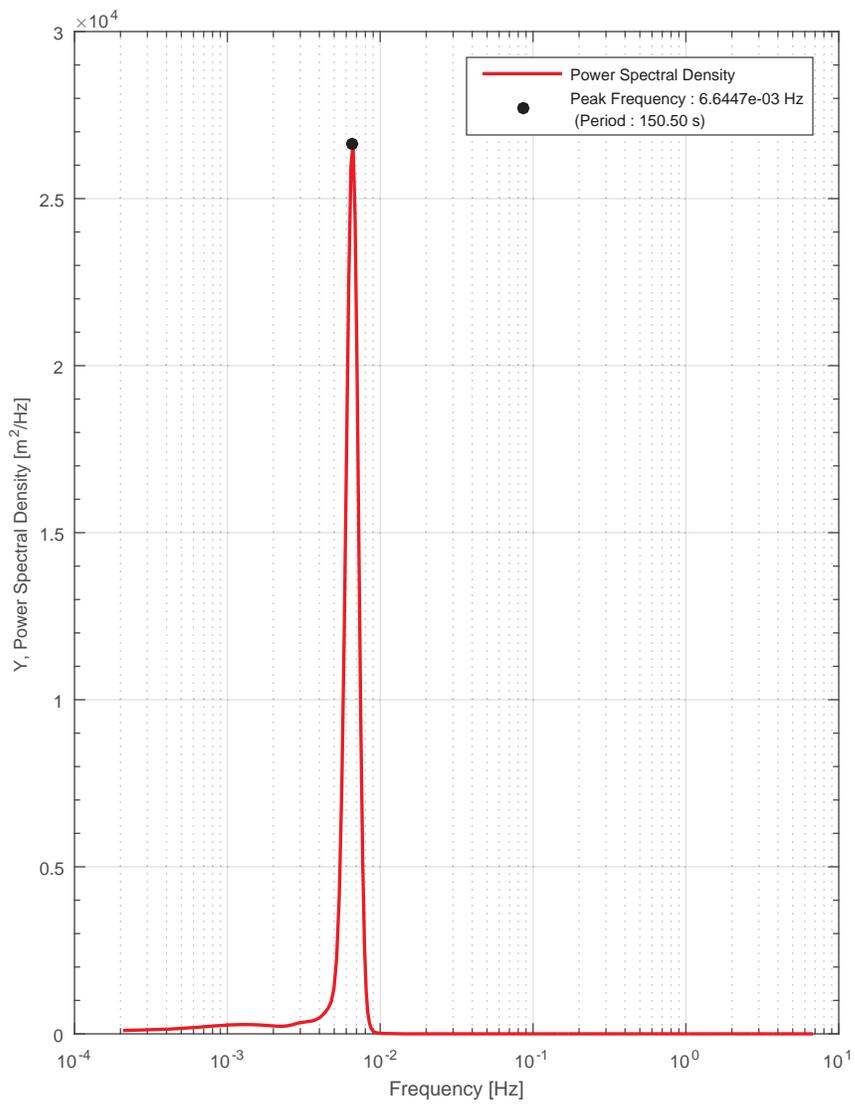
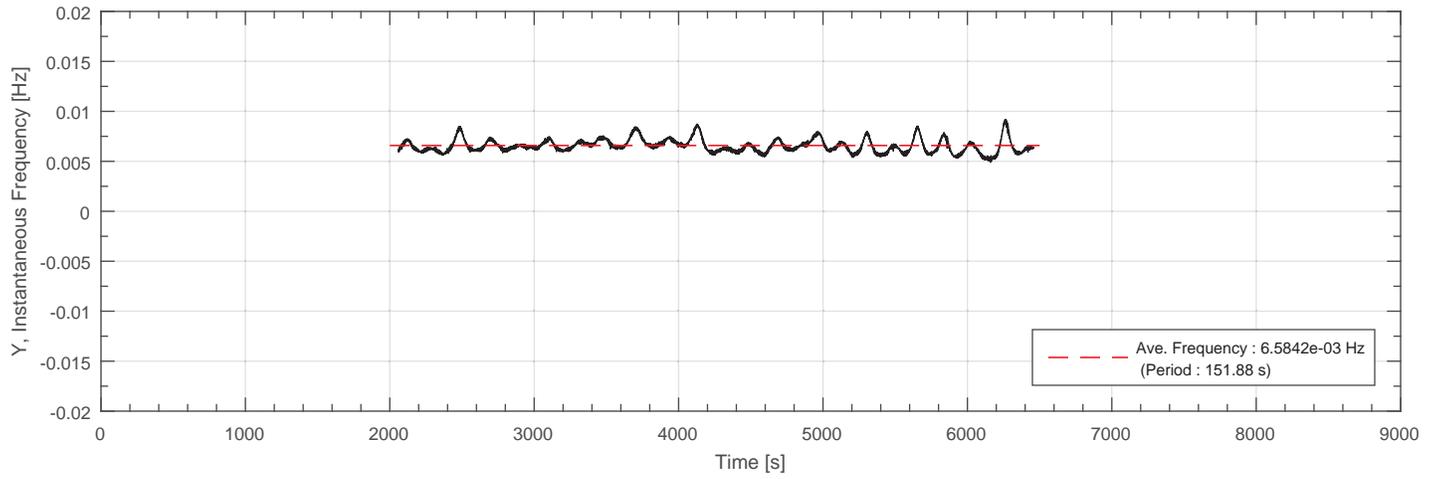
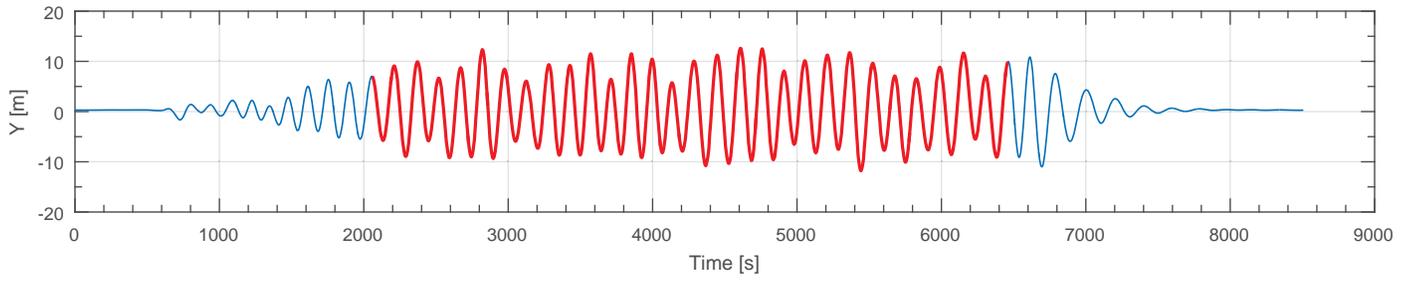
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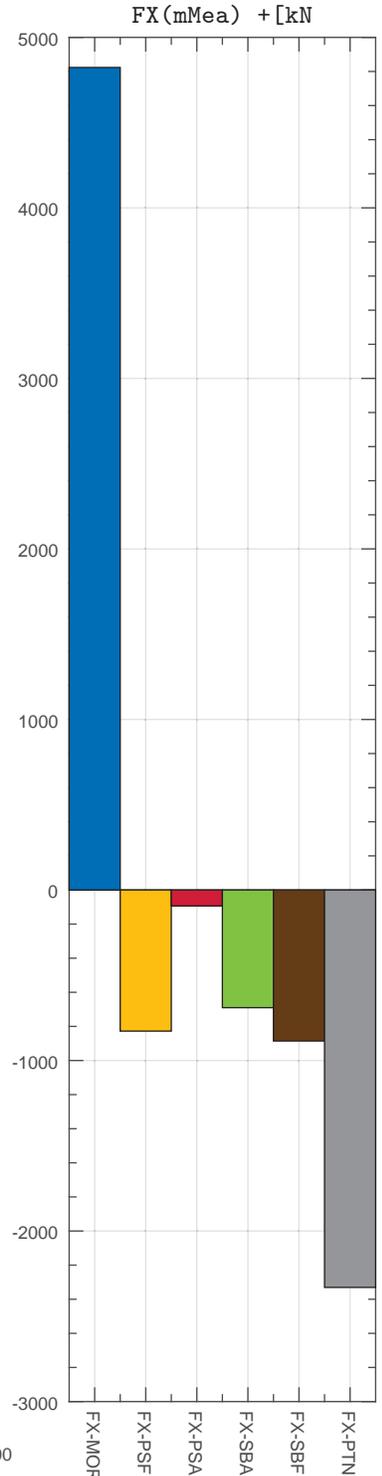
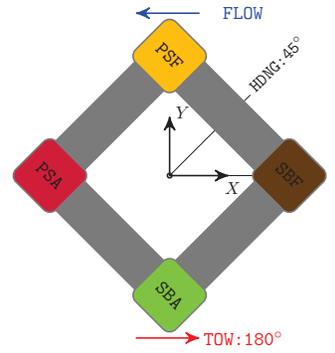
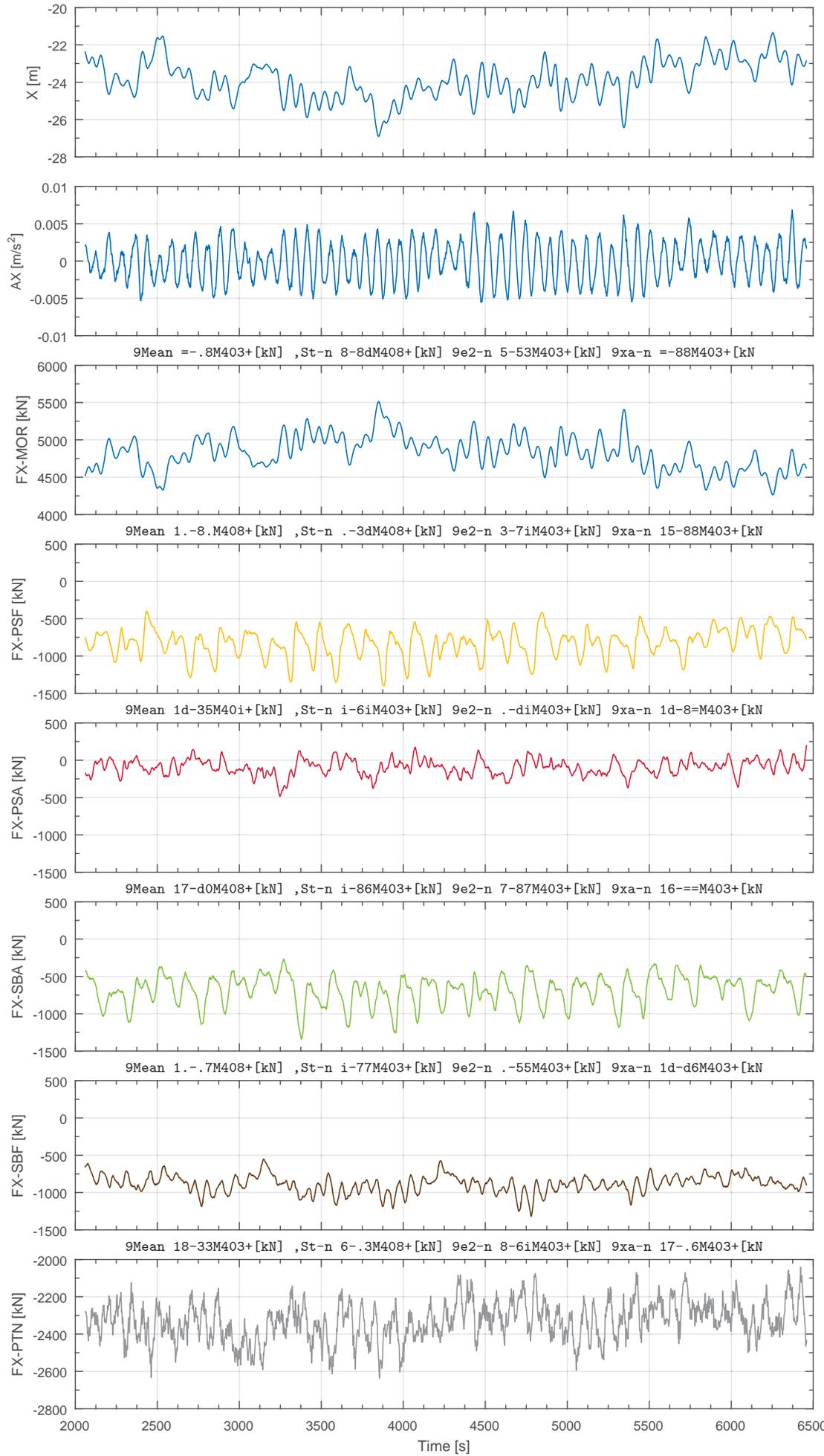
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| Heading | : | 45.00 deg |
| Time, Begin | : | 2059.05 s |
| Time, End | : | 6459.26 s |
| X, mean | : | -23.87 m |
| Y, nom. | : | 9.17 m |
| Y, max. | : | 12.20 m |
| D | : | 31.04 m |
| Anom/D | : | 0.30 |
| Amax/D | : | 0.39 |
| Yaw, max. | : | 1.30 deg |
| Yaw, min. | : | -1.49 deg |
| Damping | : | 1308.20 kNs/m |



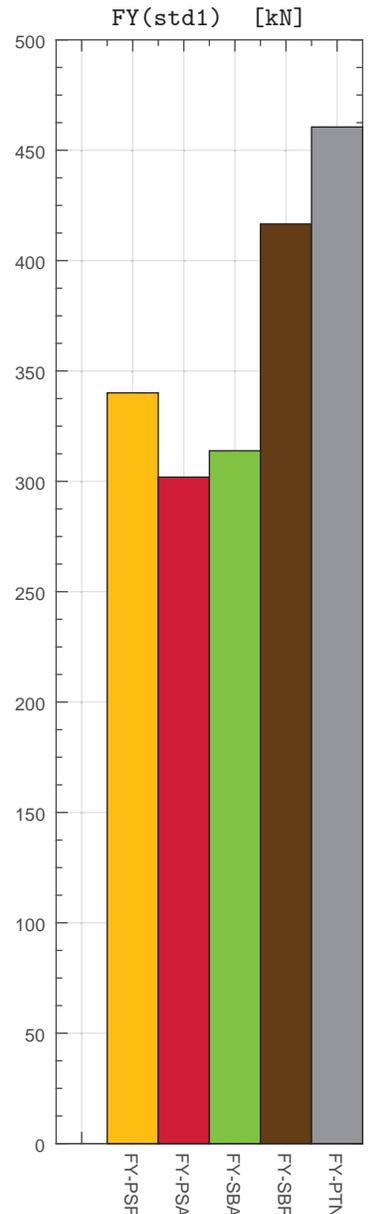
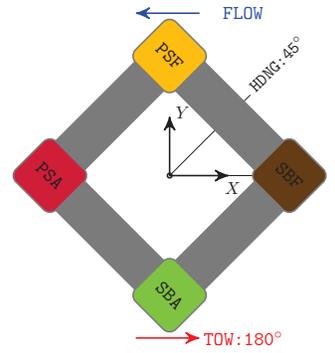
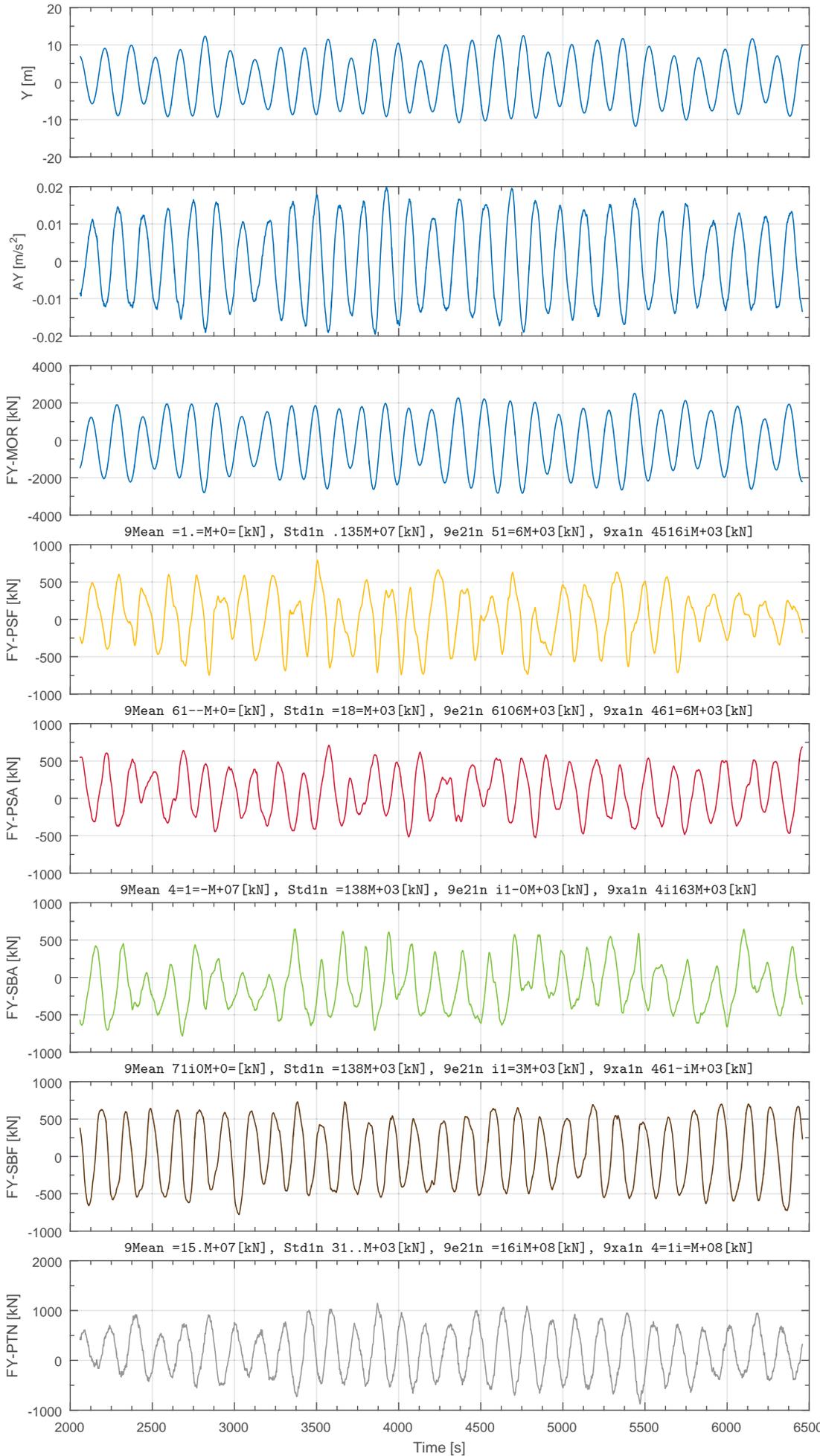
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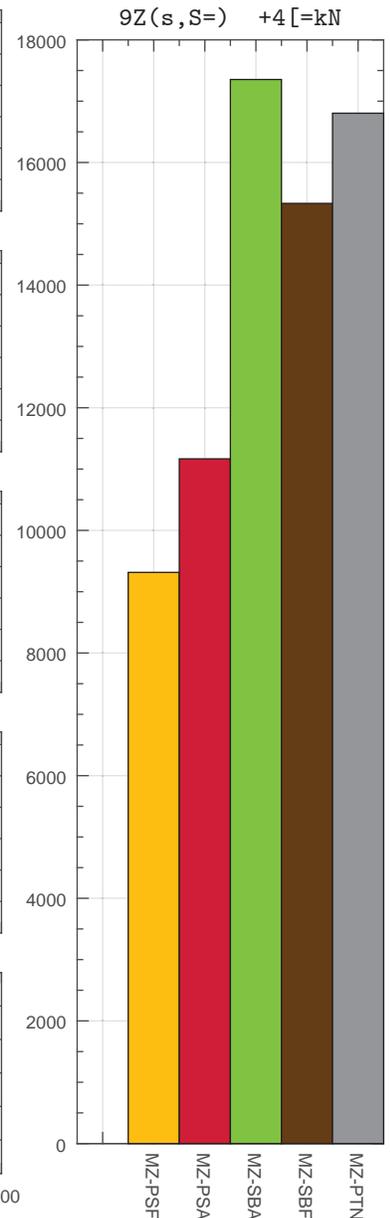
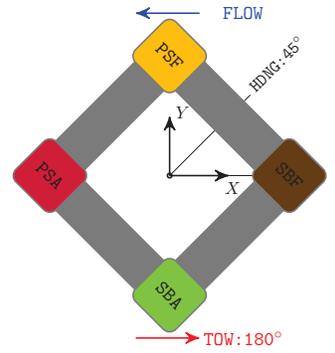
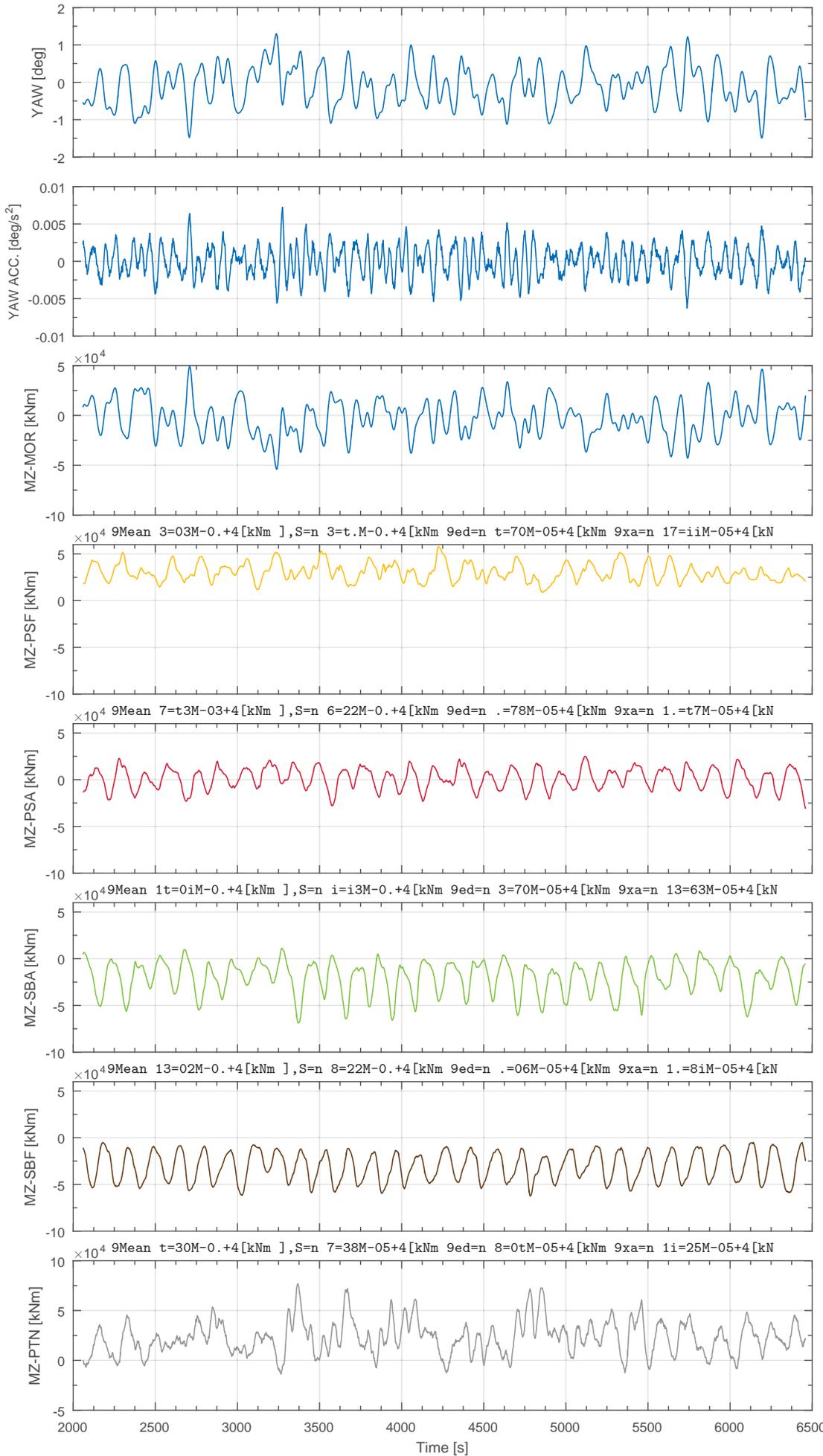
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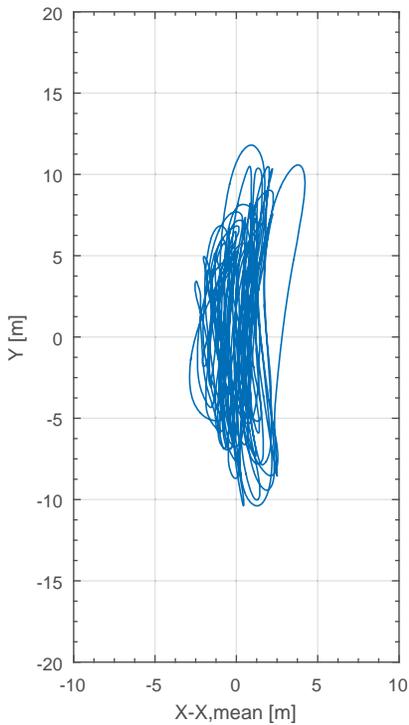
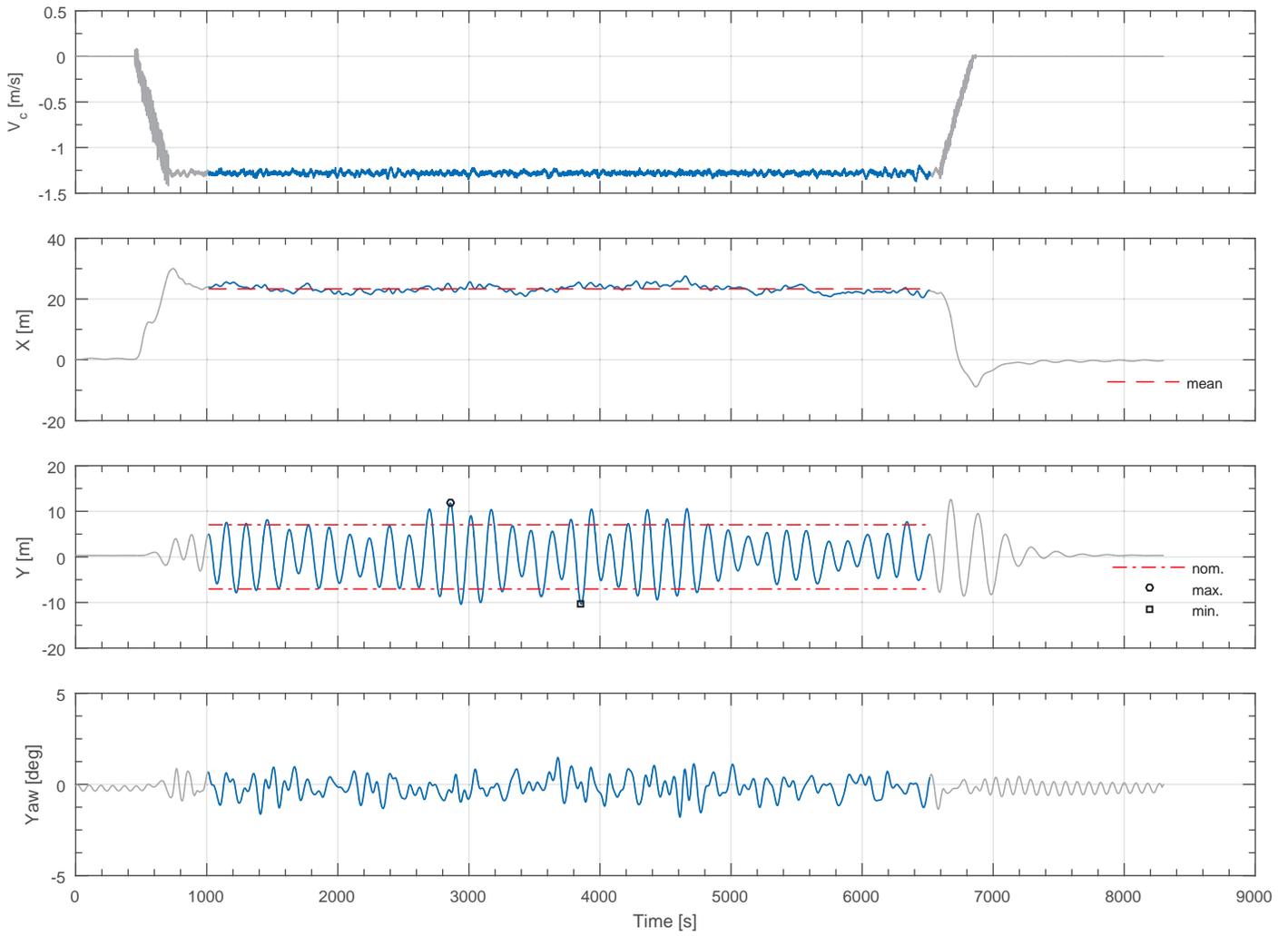
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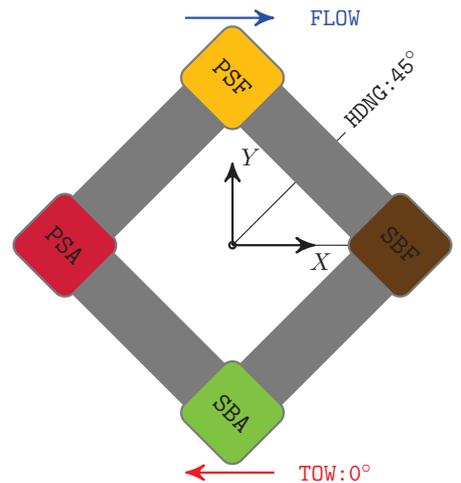
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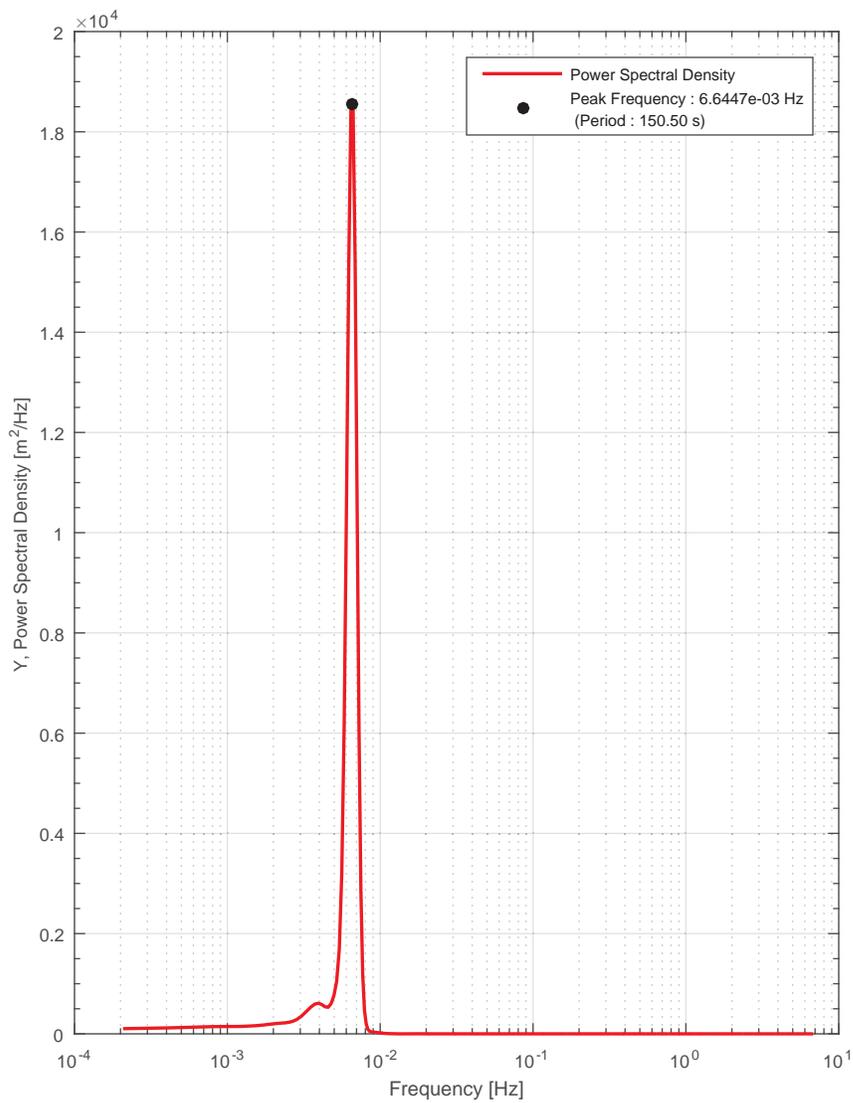
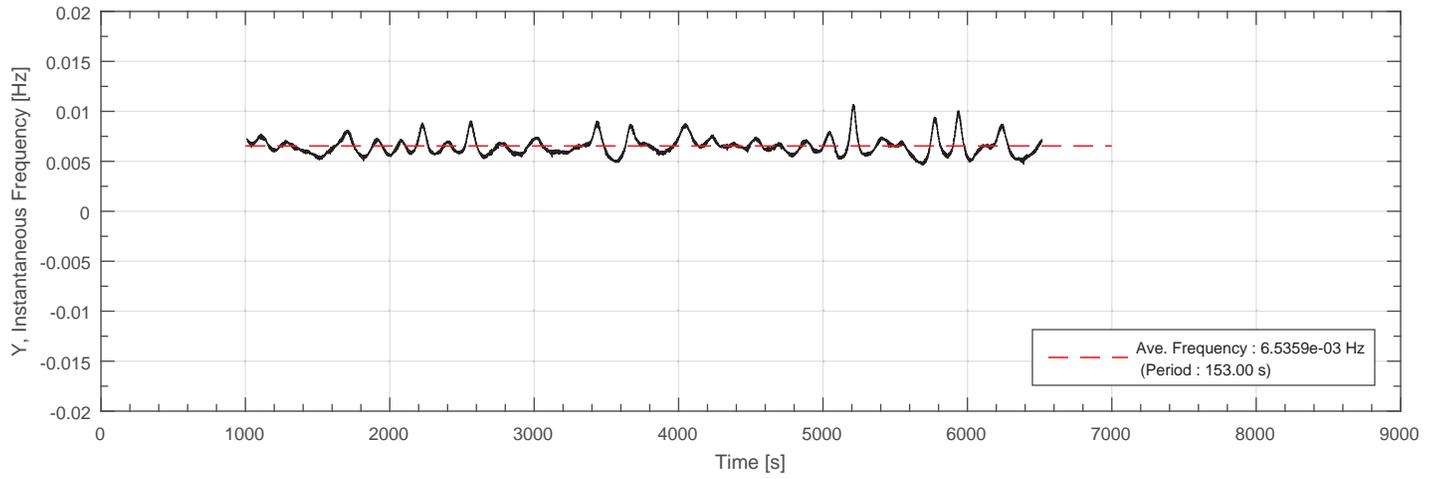
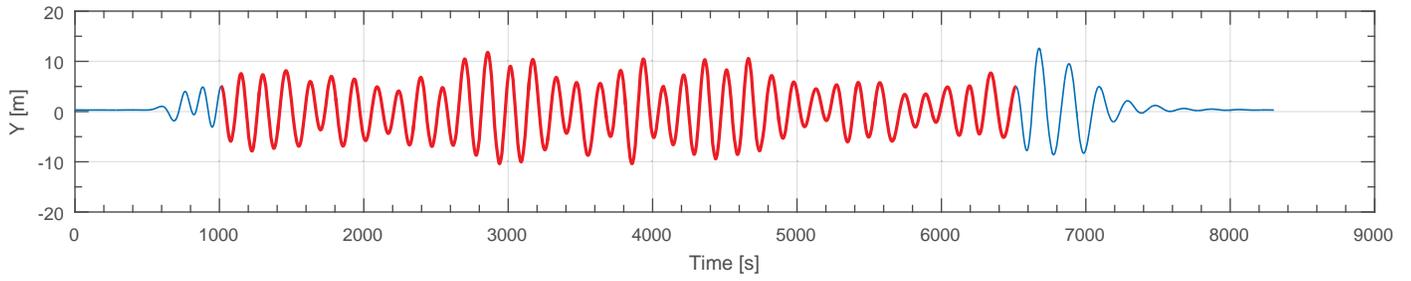
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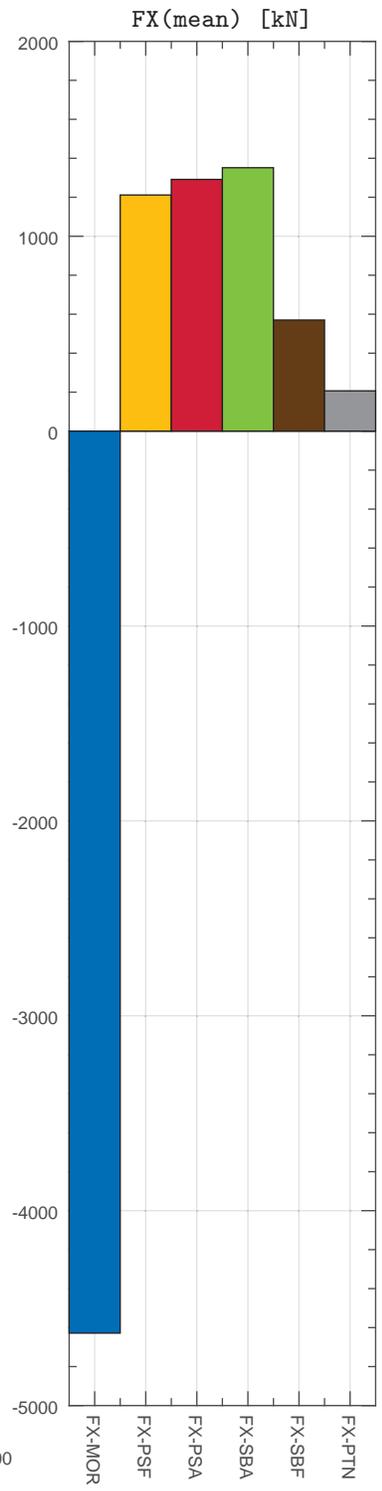
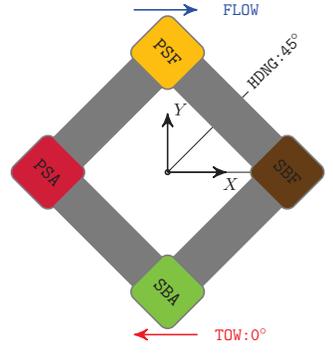
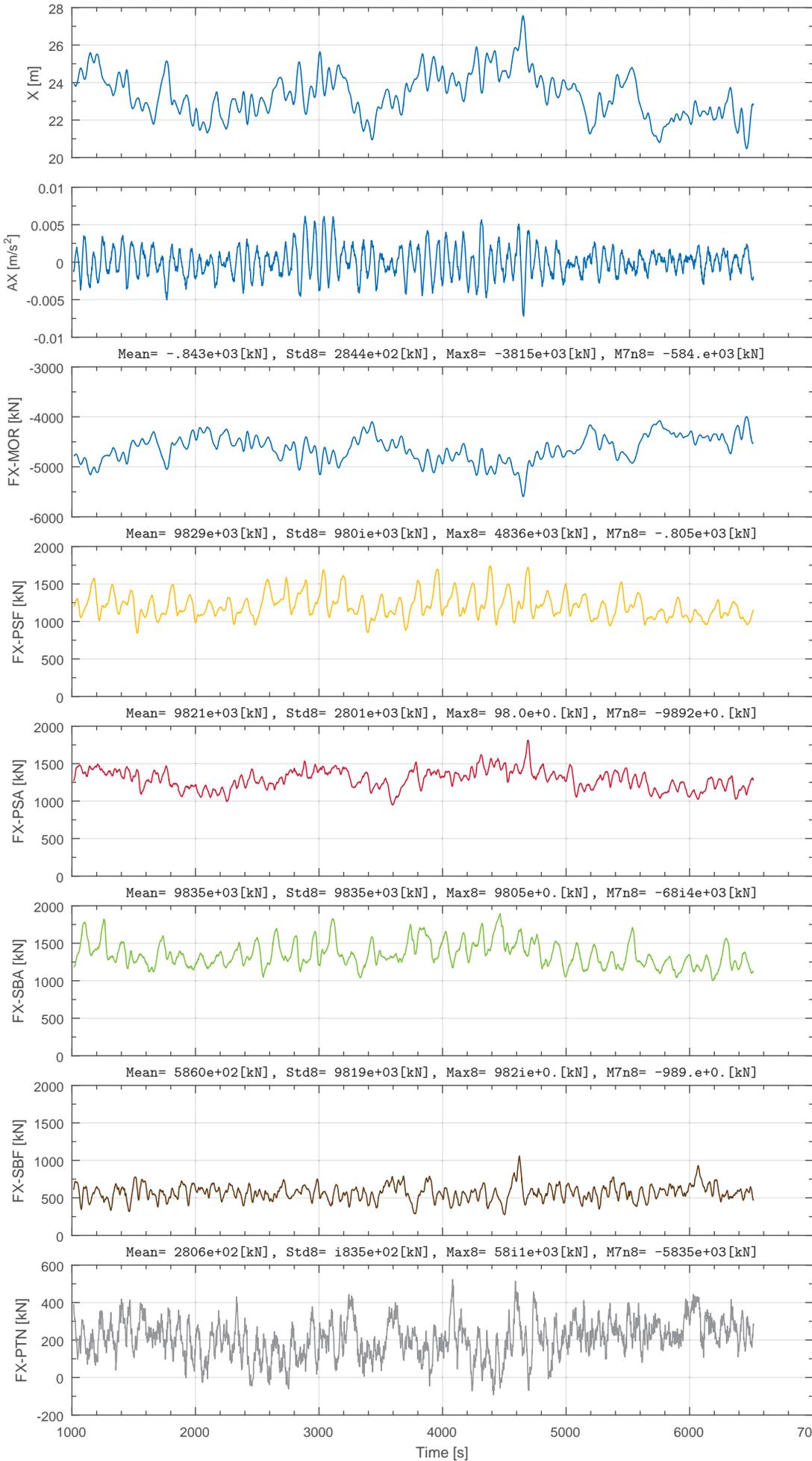
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| Time, Begin | : | 1013.06 s |
| Time, End | : | 6516.43 s |
| X, mean | : | 23.35 m |
| Y, nom. | : | 7.05 m |
| Y, max. | : | 11.09 m |
| D | : | 31.04 m |
| Anom/D | : | 0.23 |
| Amax/D | : | 0.36 |
| Yaw, max. | : | 1.47 deg |
| Yaw, min. | : | -1.80 deg |
| Damping | : | 1308.20 kNs/m |



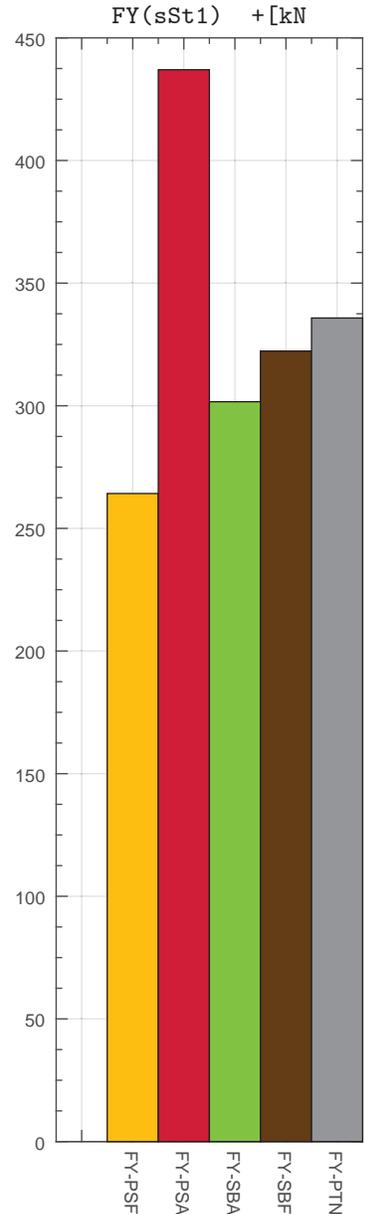
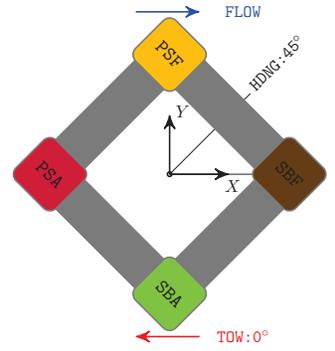
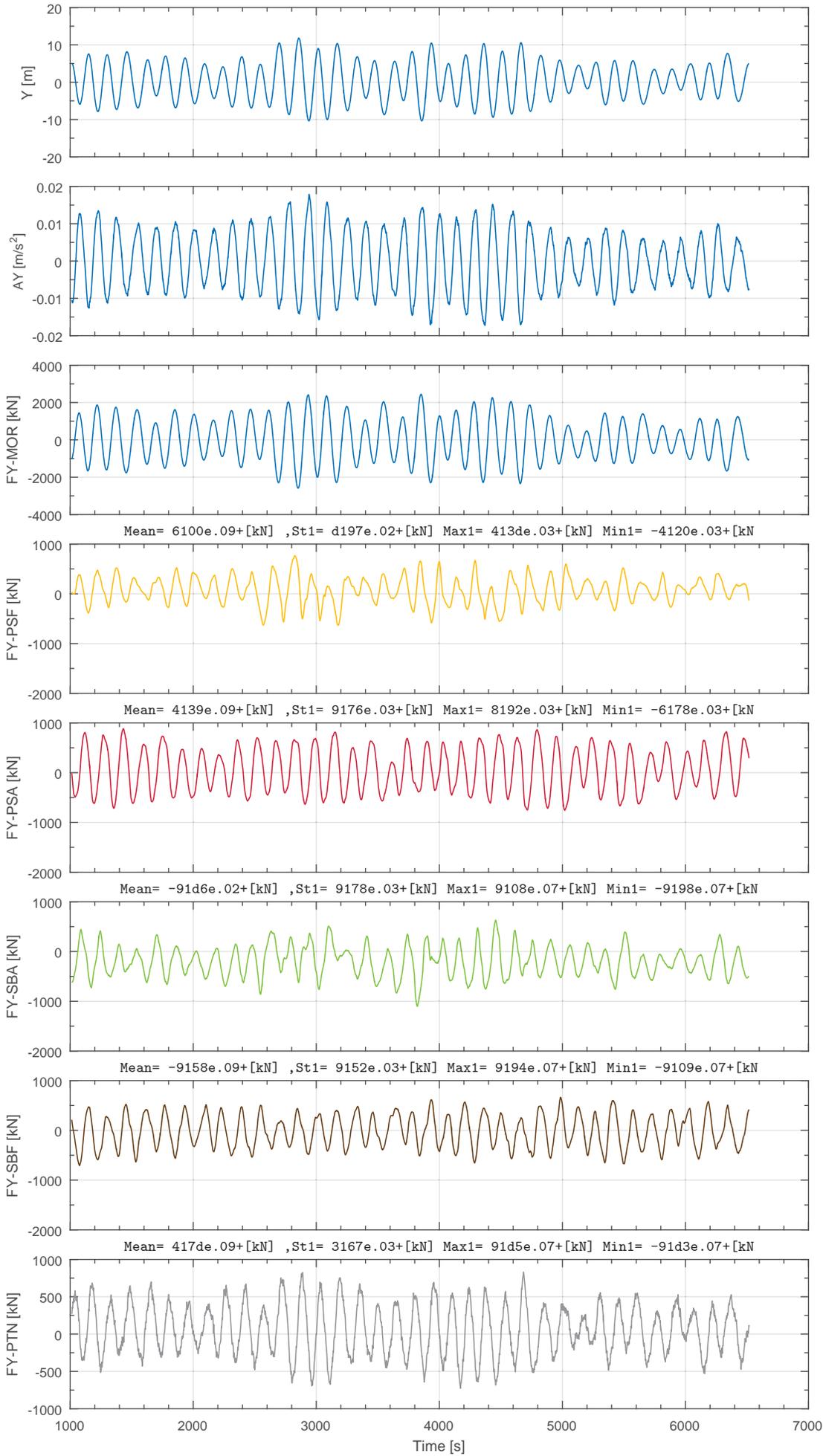
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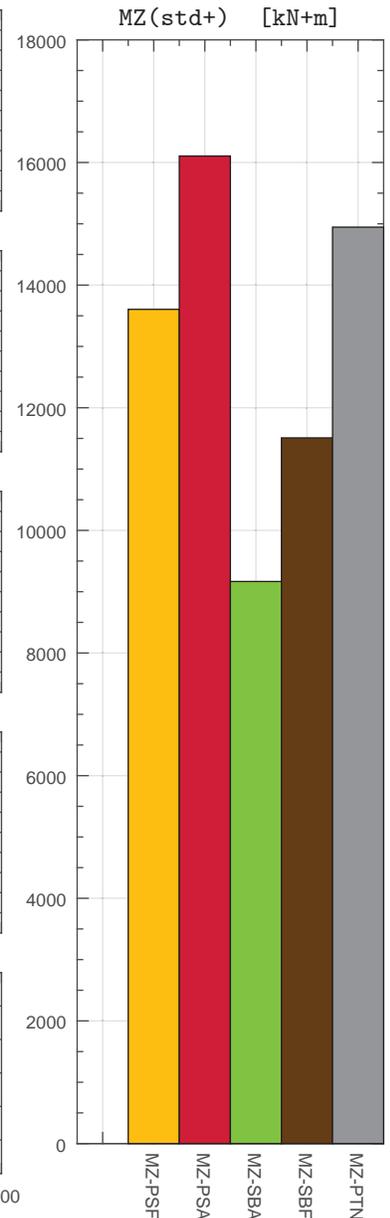
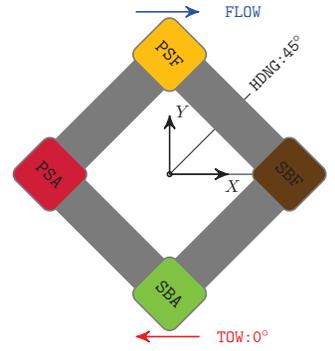
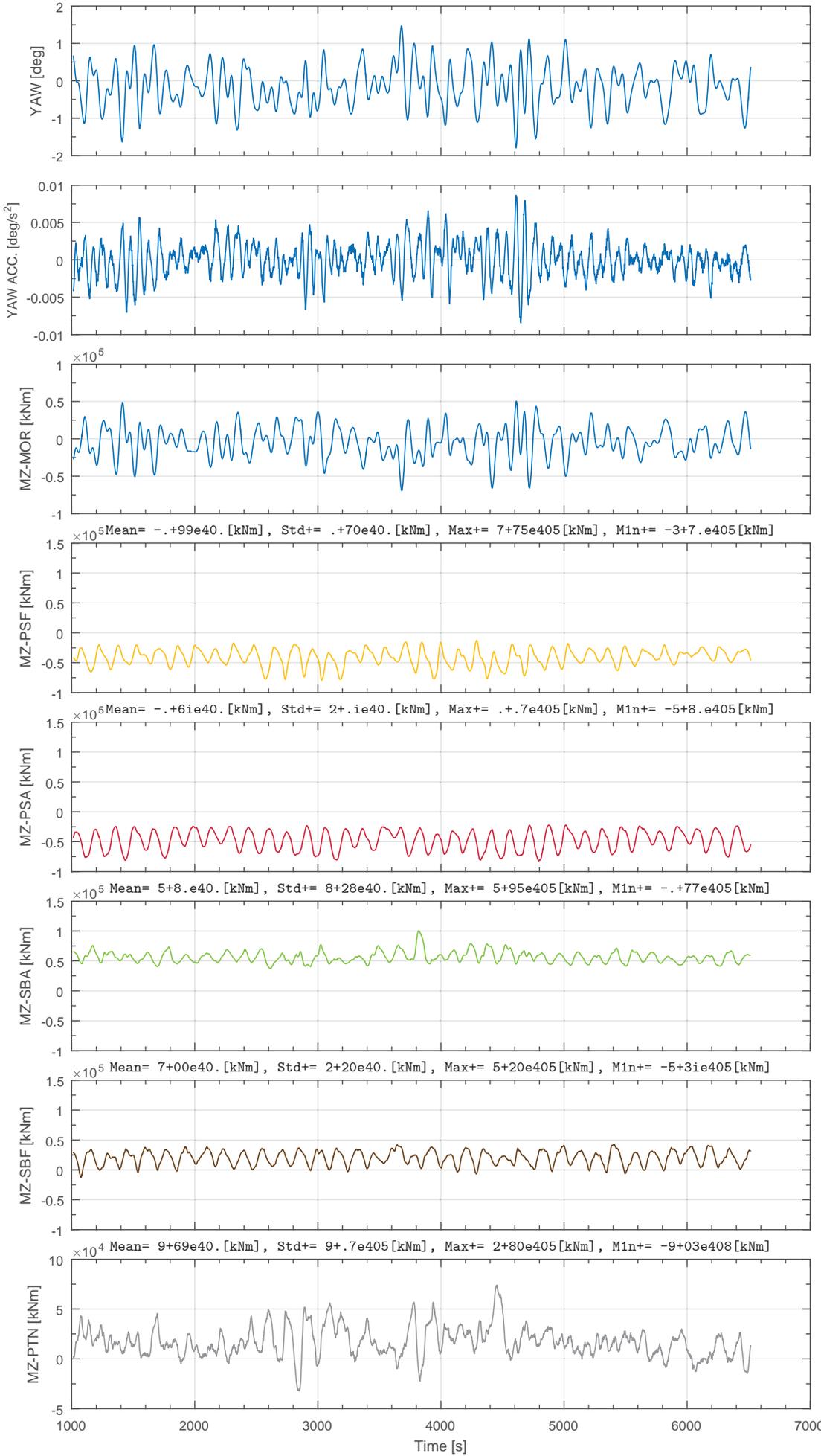
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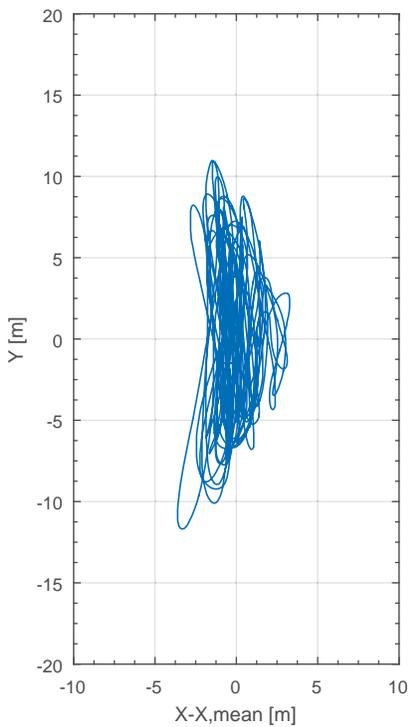
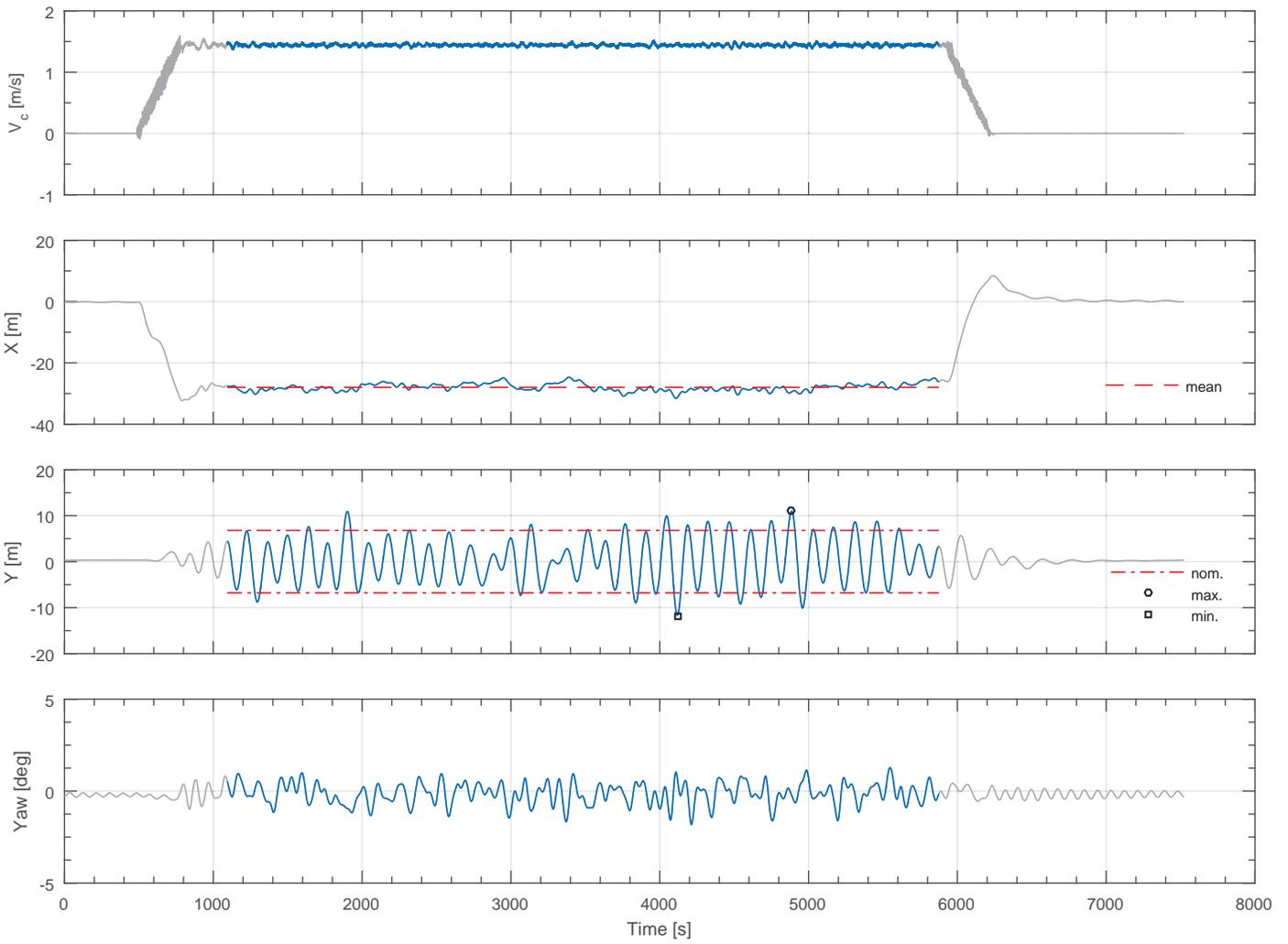
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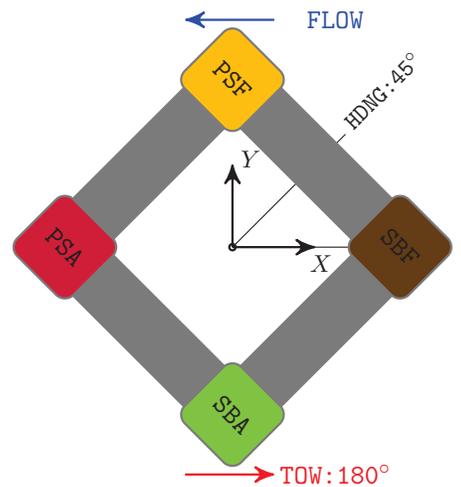
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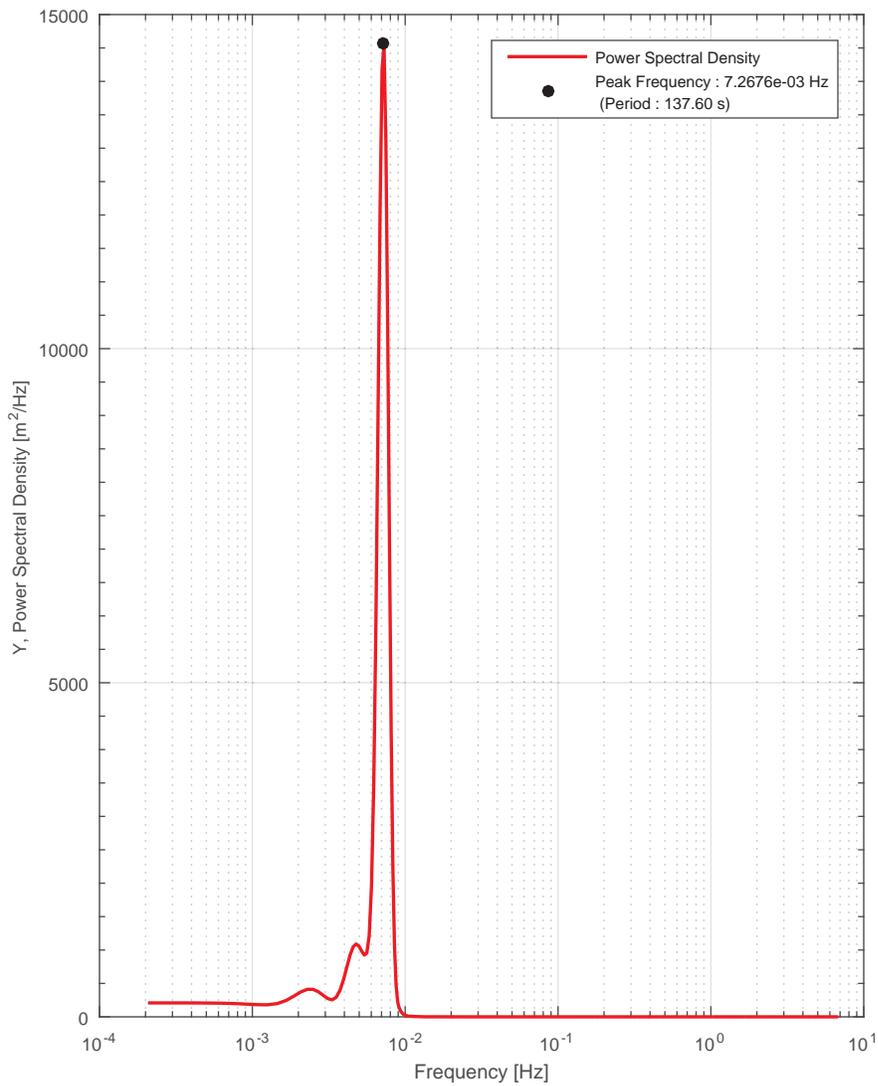
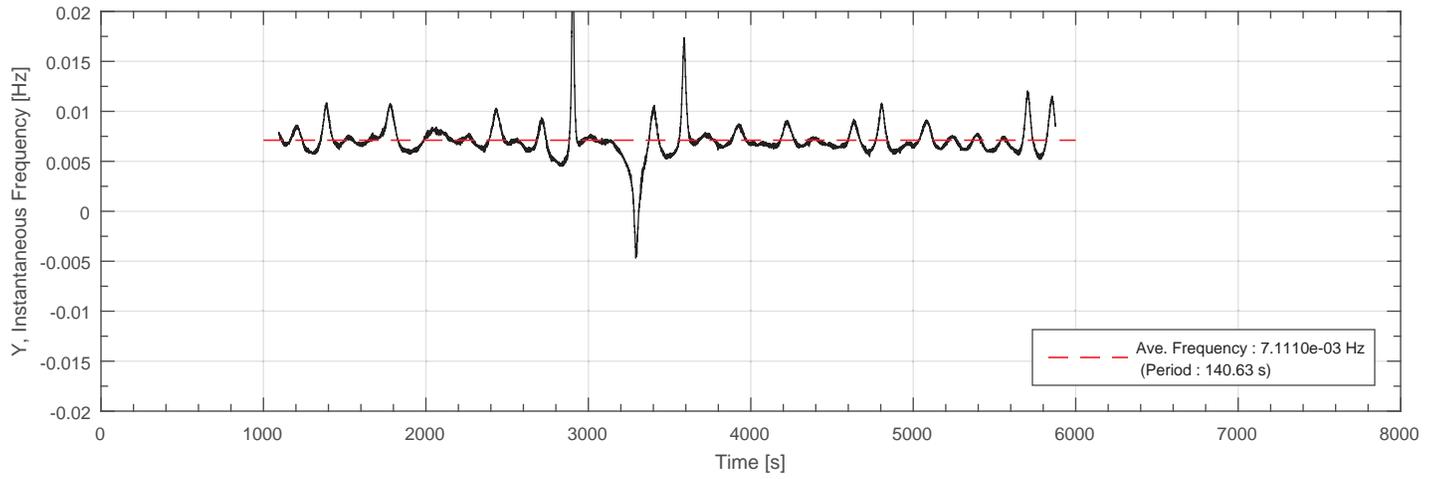
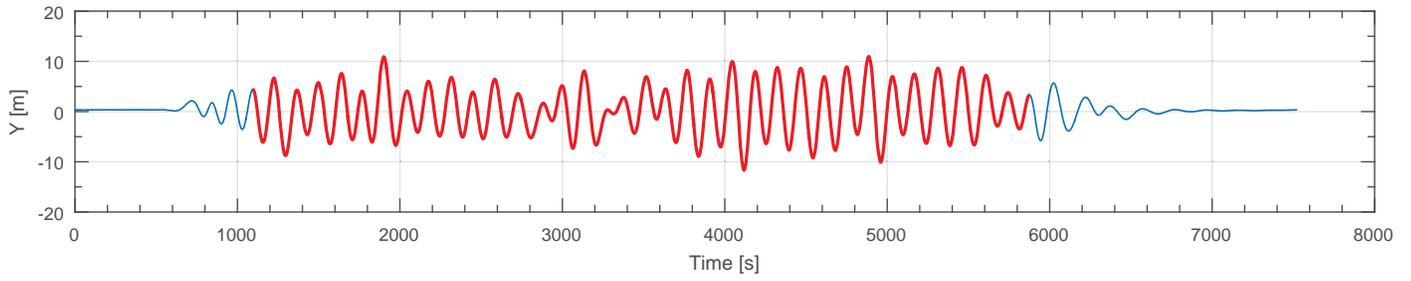
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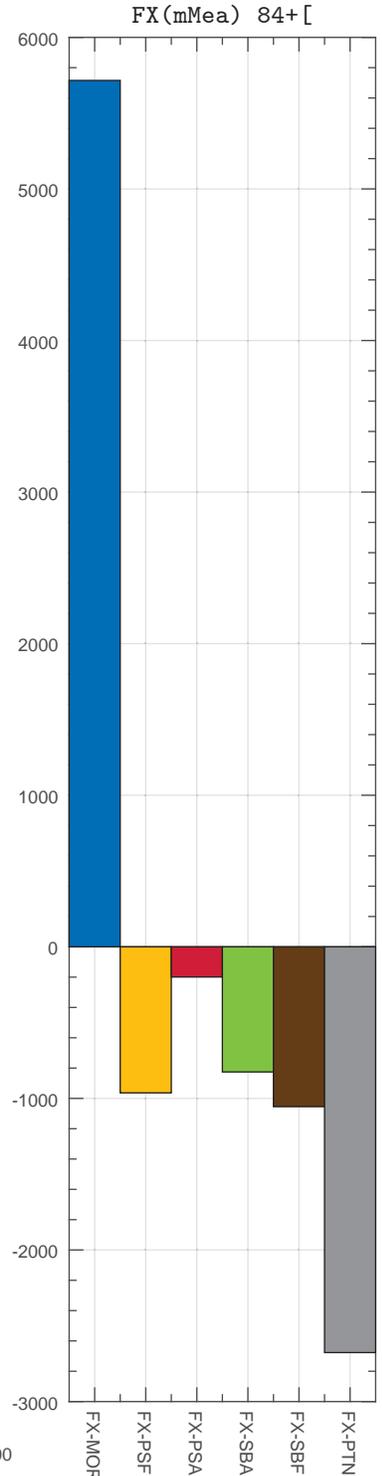
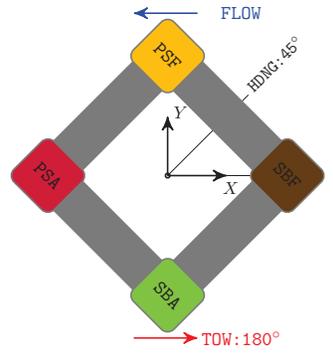
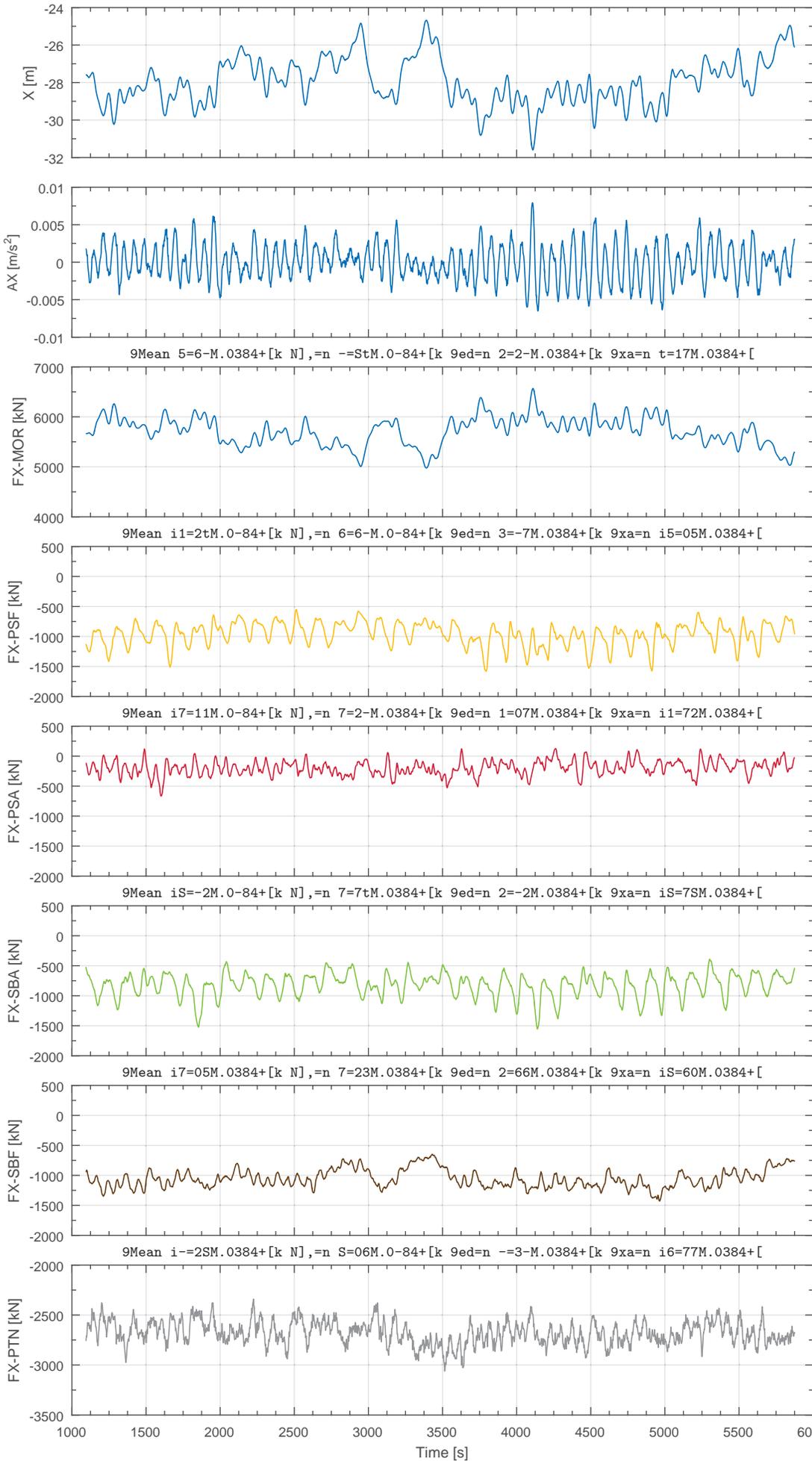
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| Heading | : | 45.00 deg |
| Time, Begin | : | 1094.63 s |
| Time, End | : | 5876.15 s |
| X, mean | : | -27.97 m |
| Y, nom. | : | 6.79 m |
| Y, max. | : | 11.33 m |
| D | : | 31.04 m |
| Anom/D | : | 0.22 |
| Amax/D | : | 0.37 |
| Yaw, max. | : | 1.28 deg |
| Yaw, min. | : | -1.83 deg |
| Damping | : | 1308.20 kNs/m |



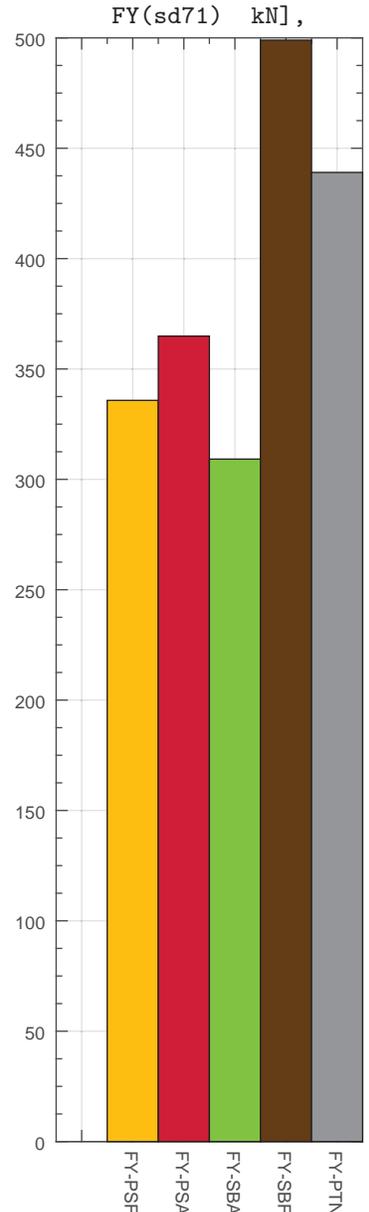
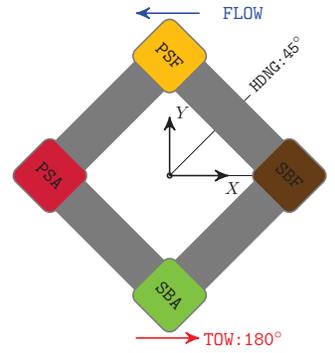
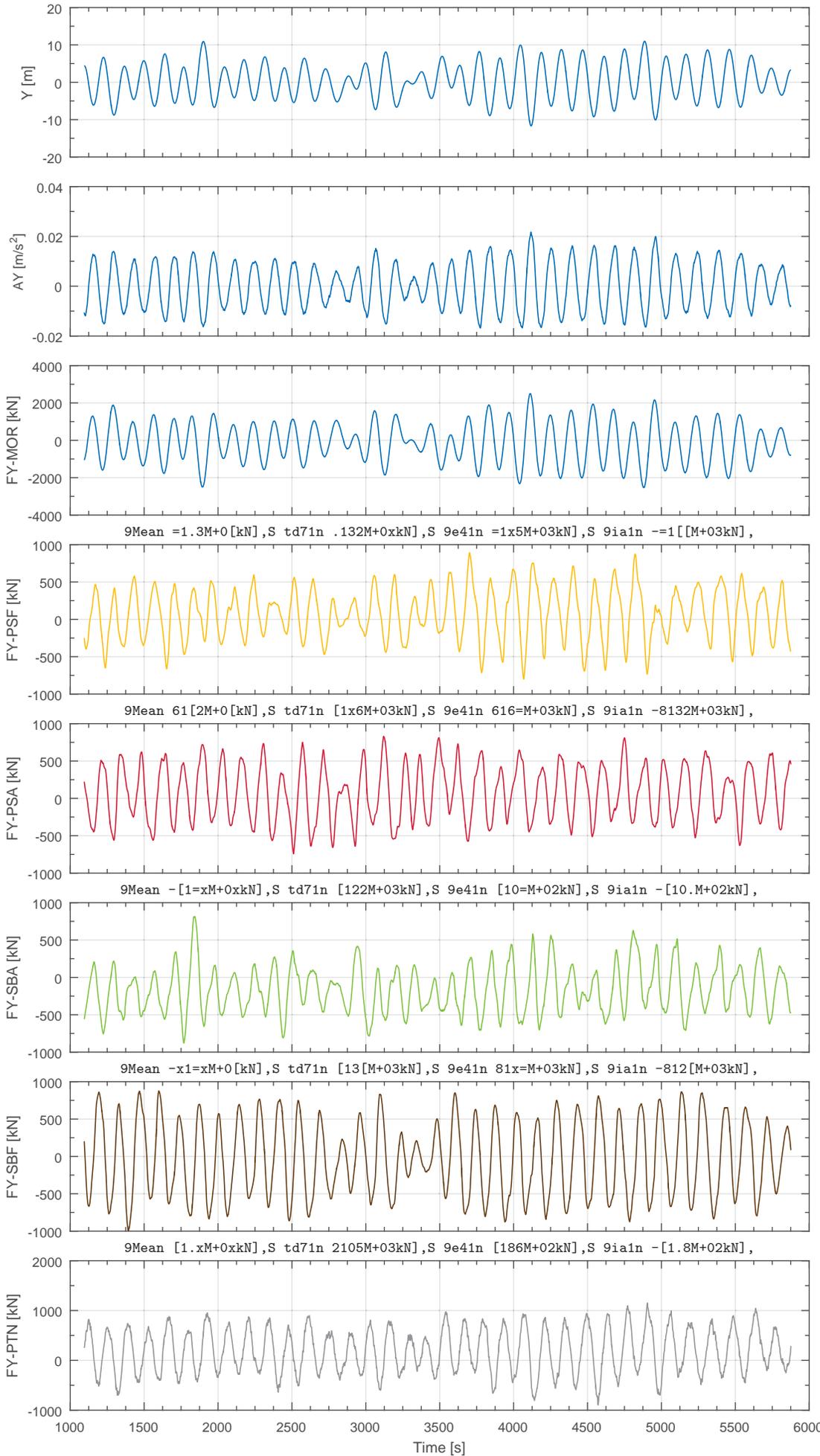
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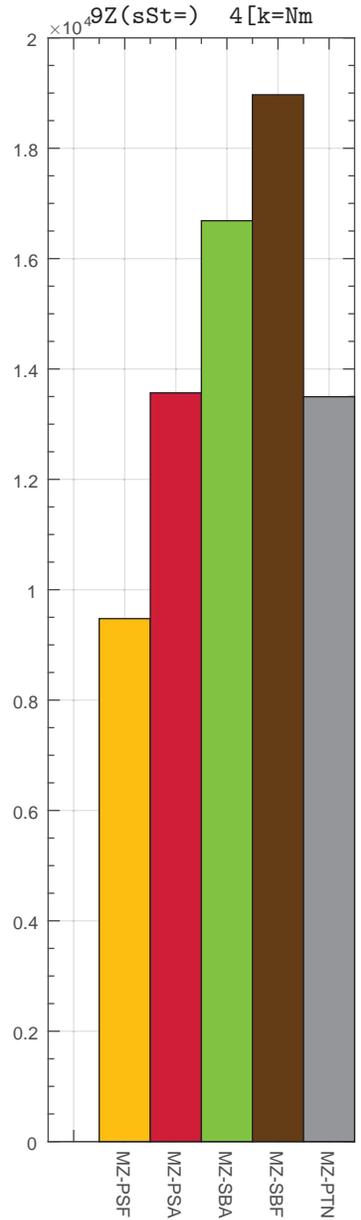
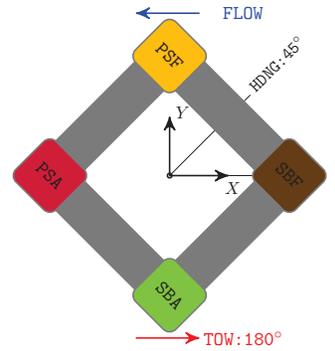
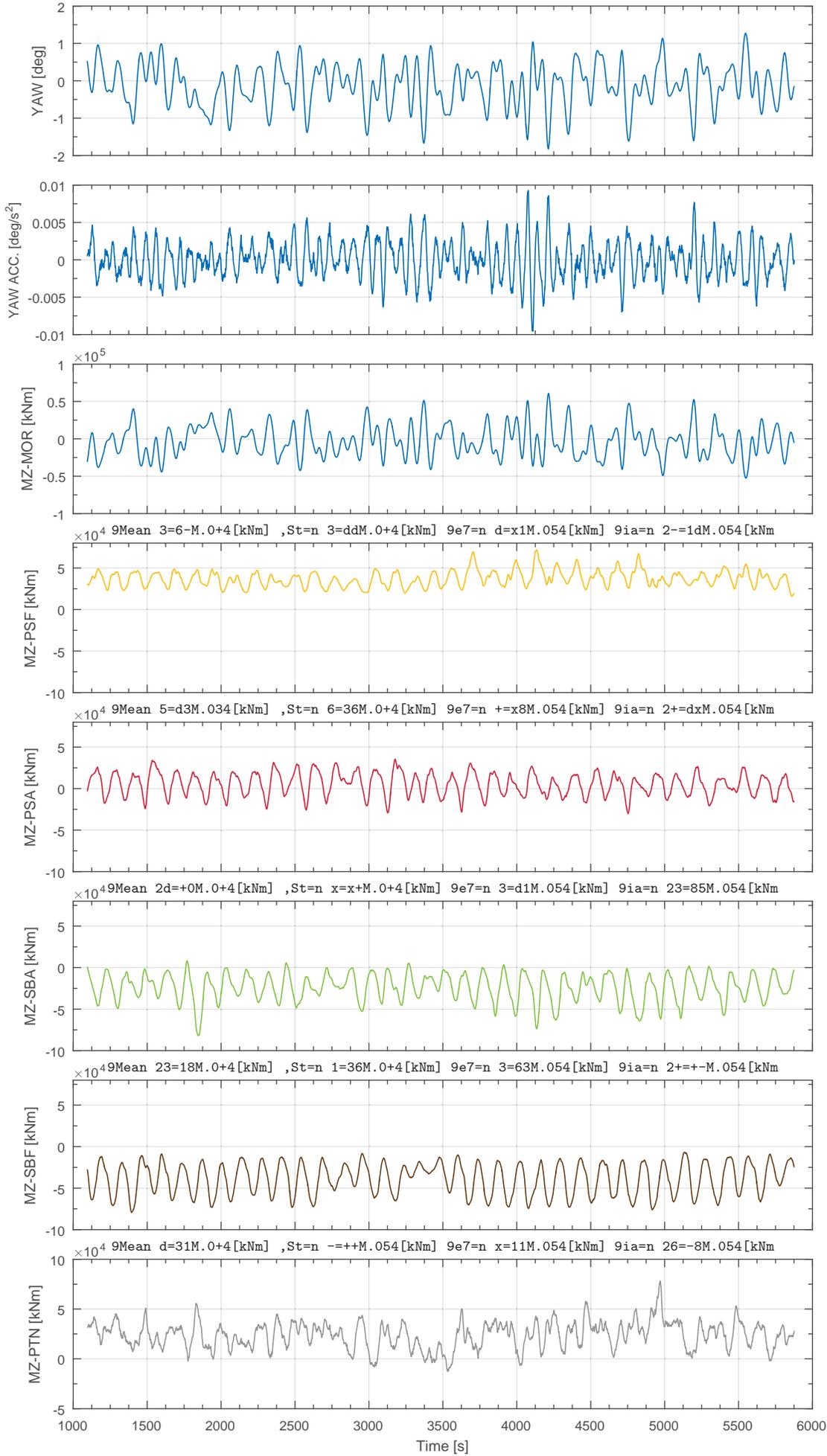
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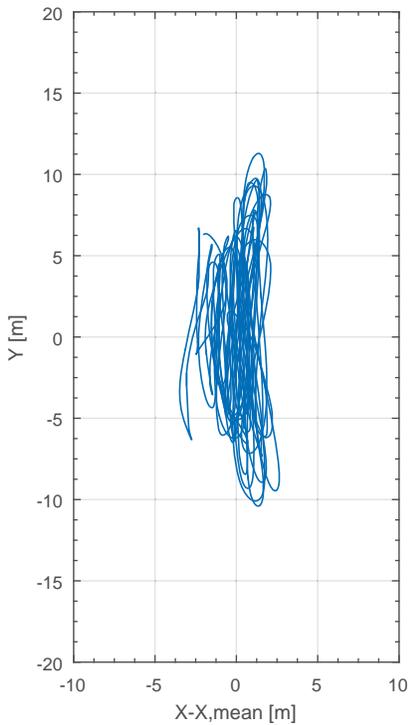
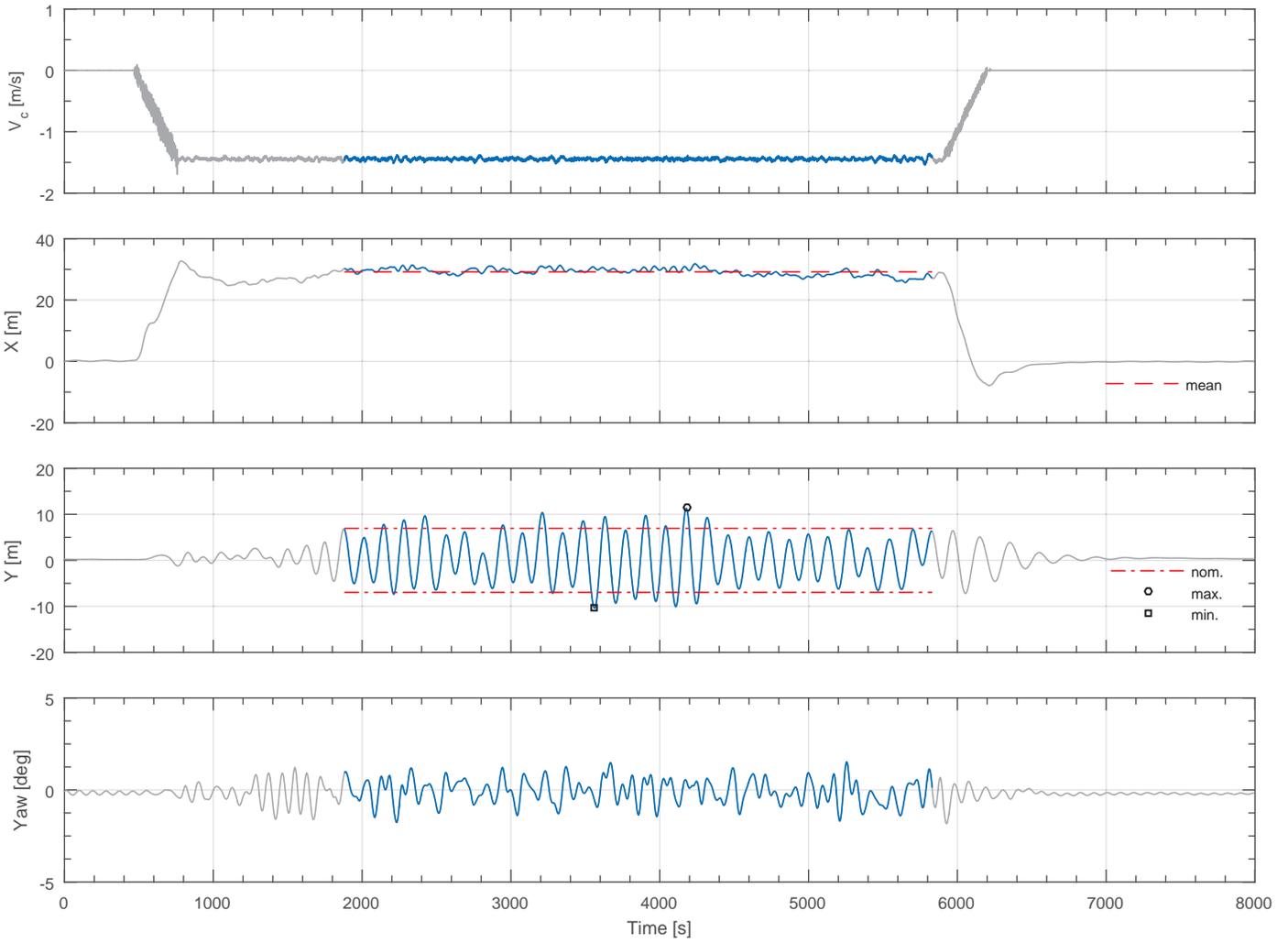
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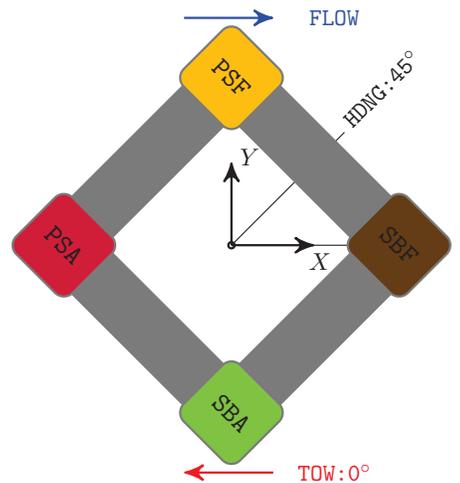
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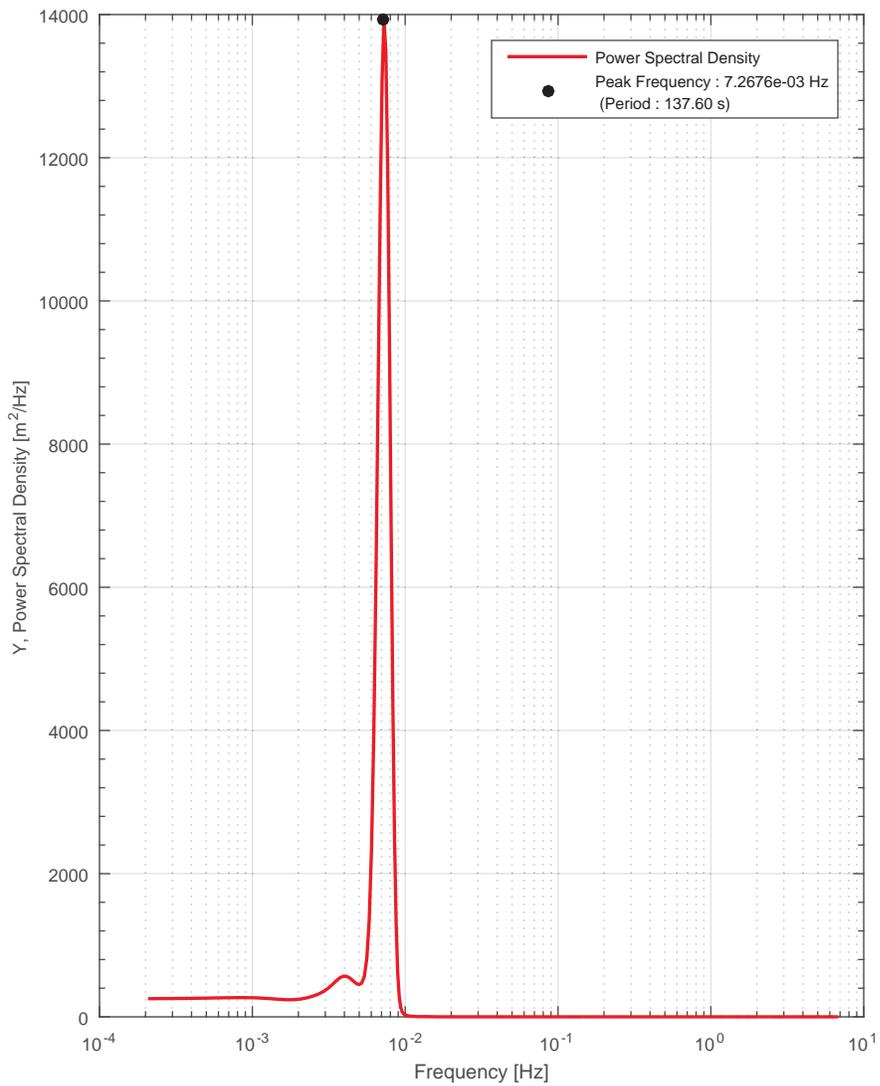
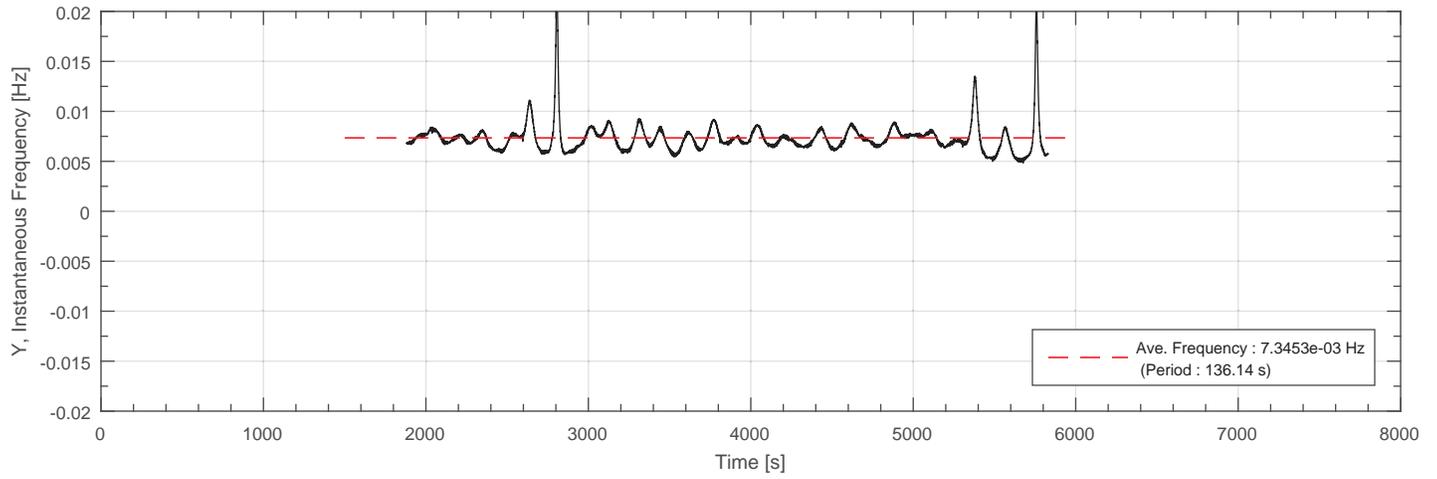
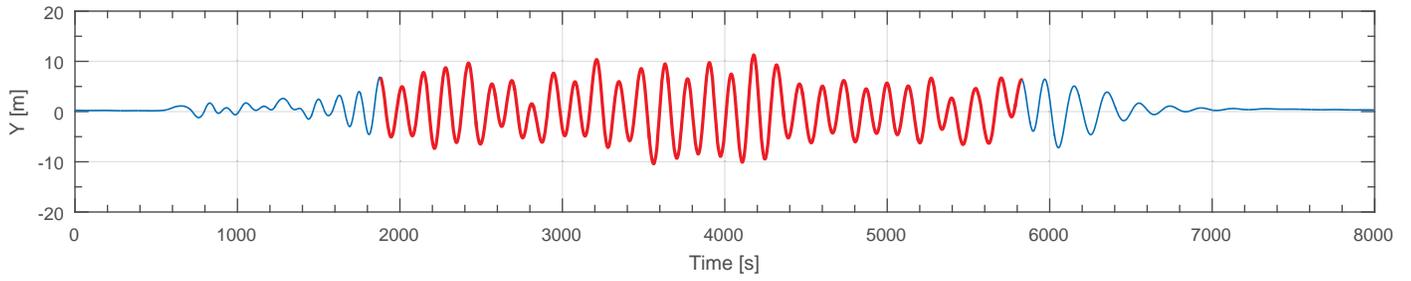
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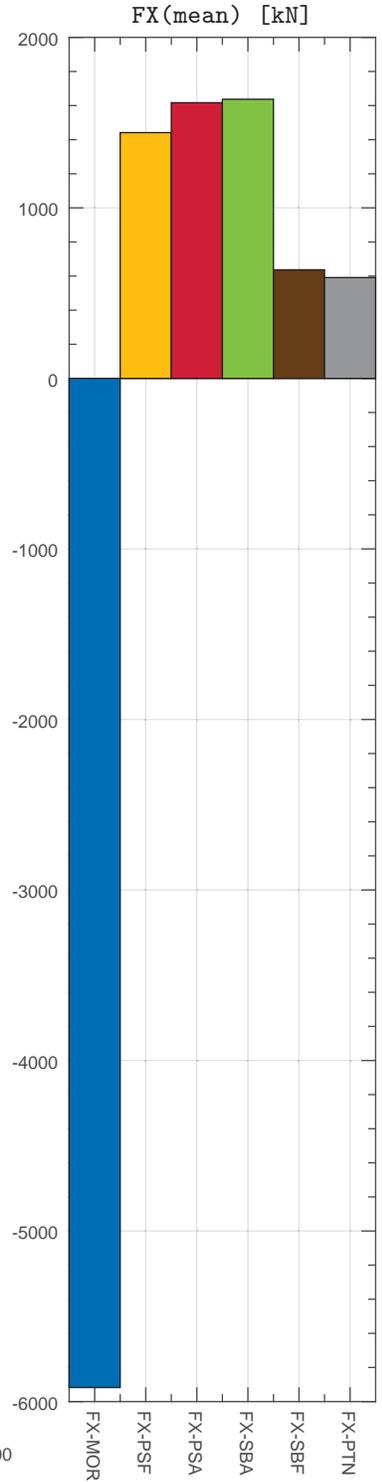
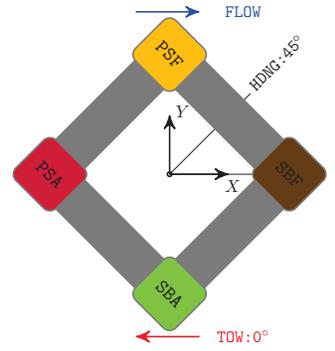
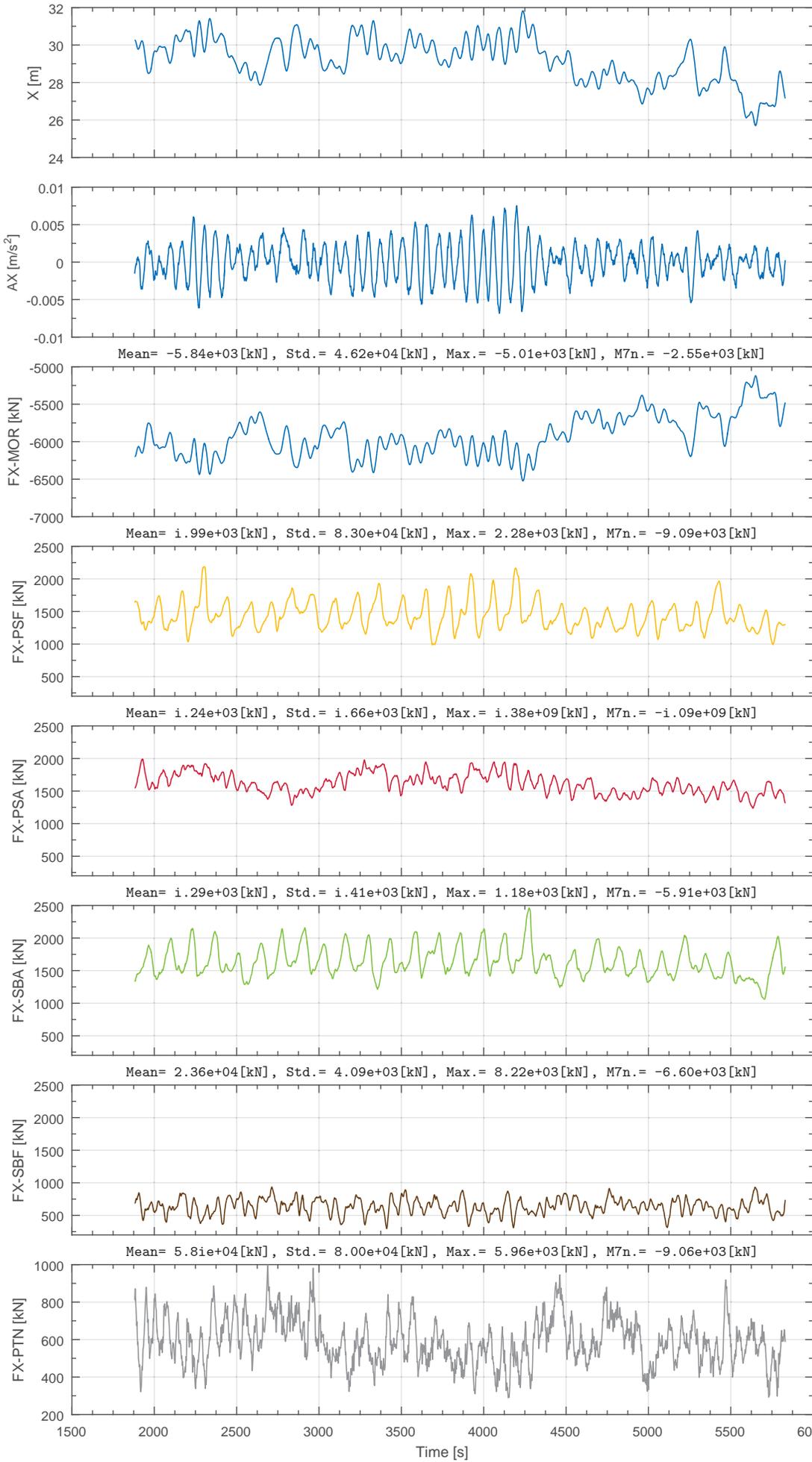
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|-------------|---|---------------|
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| Vc (mean) | : | -1.44 m/s |
| Tow Dirn. | : | 0.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 1880.92 s |
| Time, End | : | 5830.67 s |
| X, mean | : | 29.19 m |
| Y, nom. | : | 6.95 m |
| Y, max. | : | 10.85 m |
| D | : | 31.04 m |
| Anom/D | : | 0.22 |
| Amax/D | : | 0.35 |
| Yaw, max. | : | 1.53 deg |
| Yaw, min. | : | -1.77 deg |
| Damping | : | 1308.20 kNs/m |



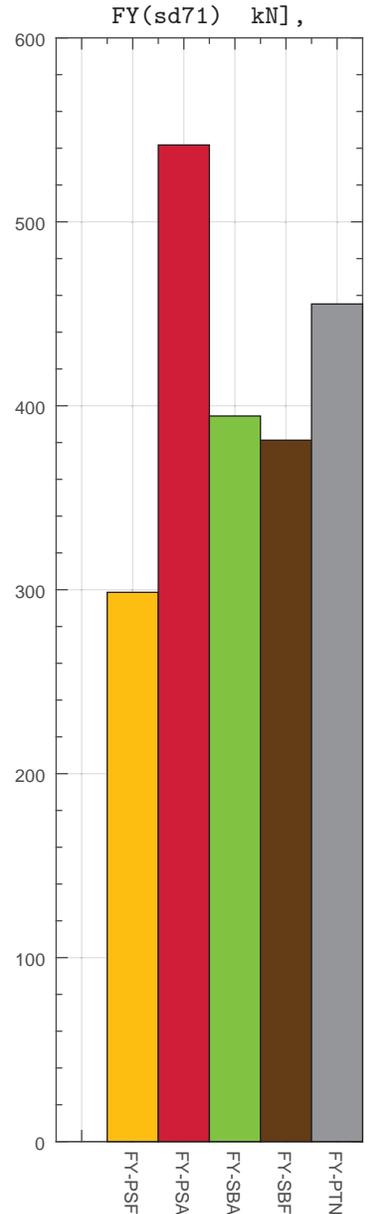
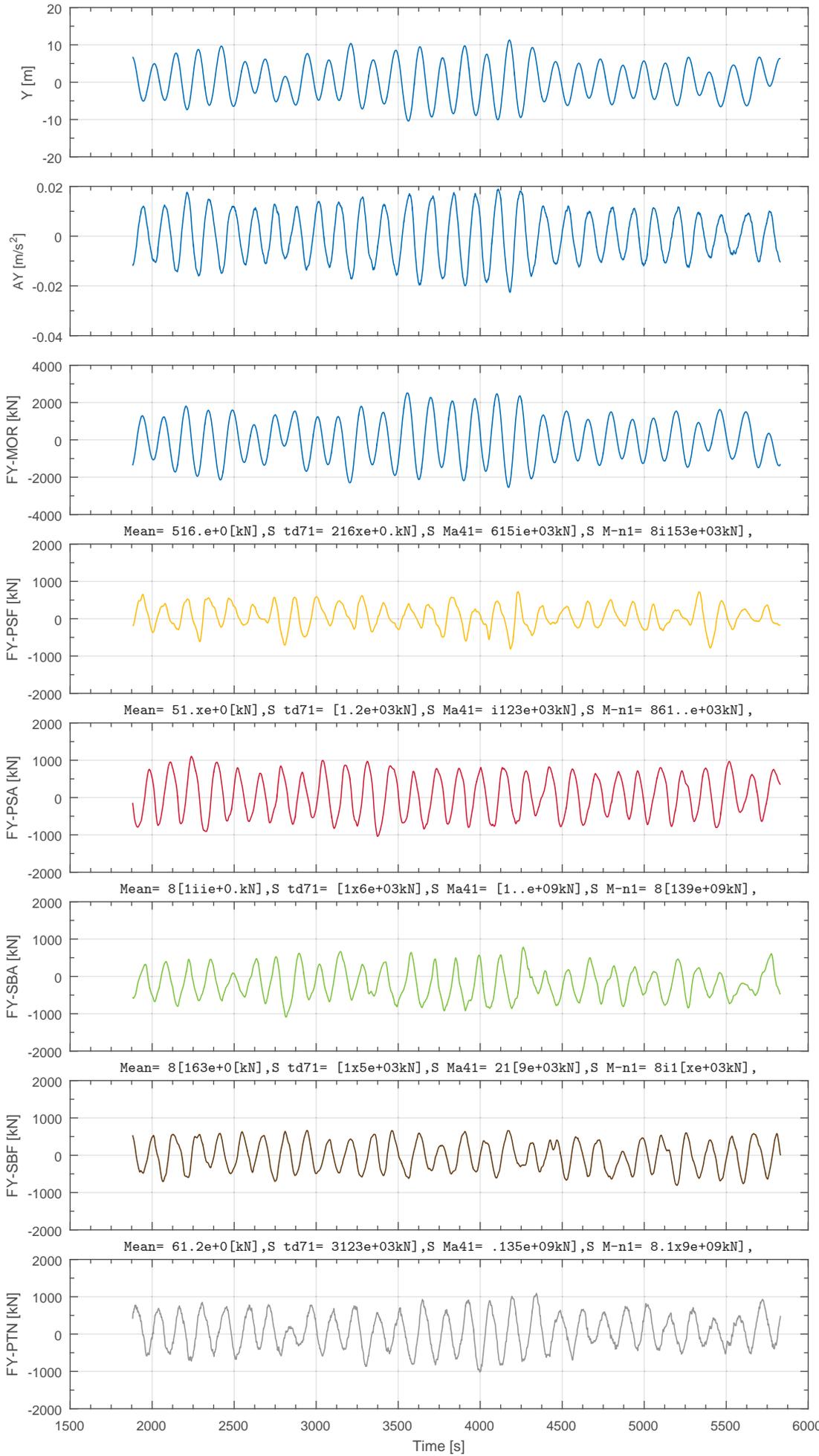
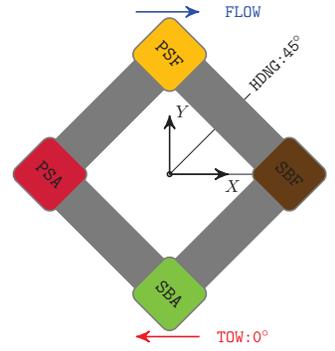
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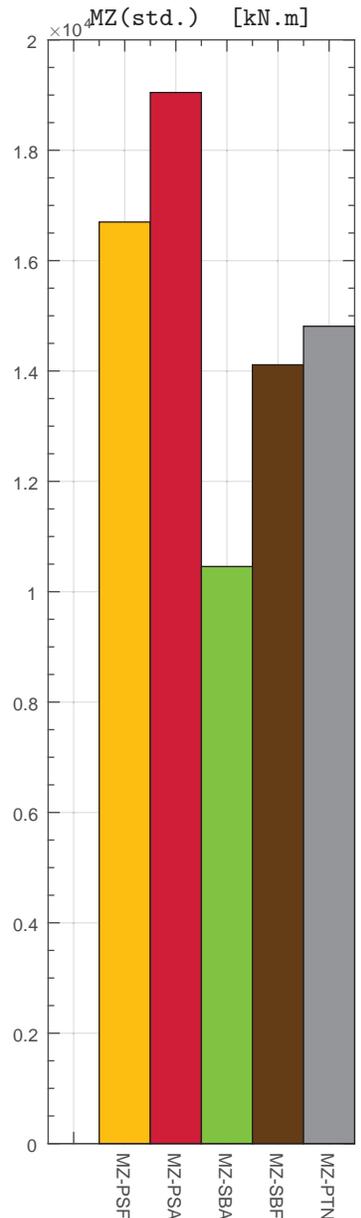
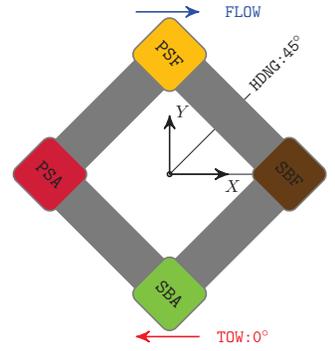
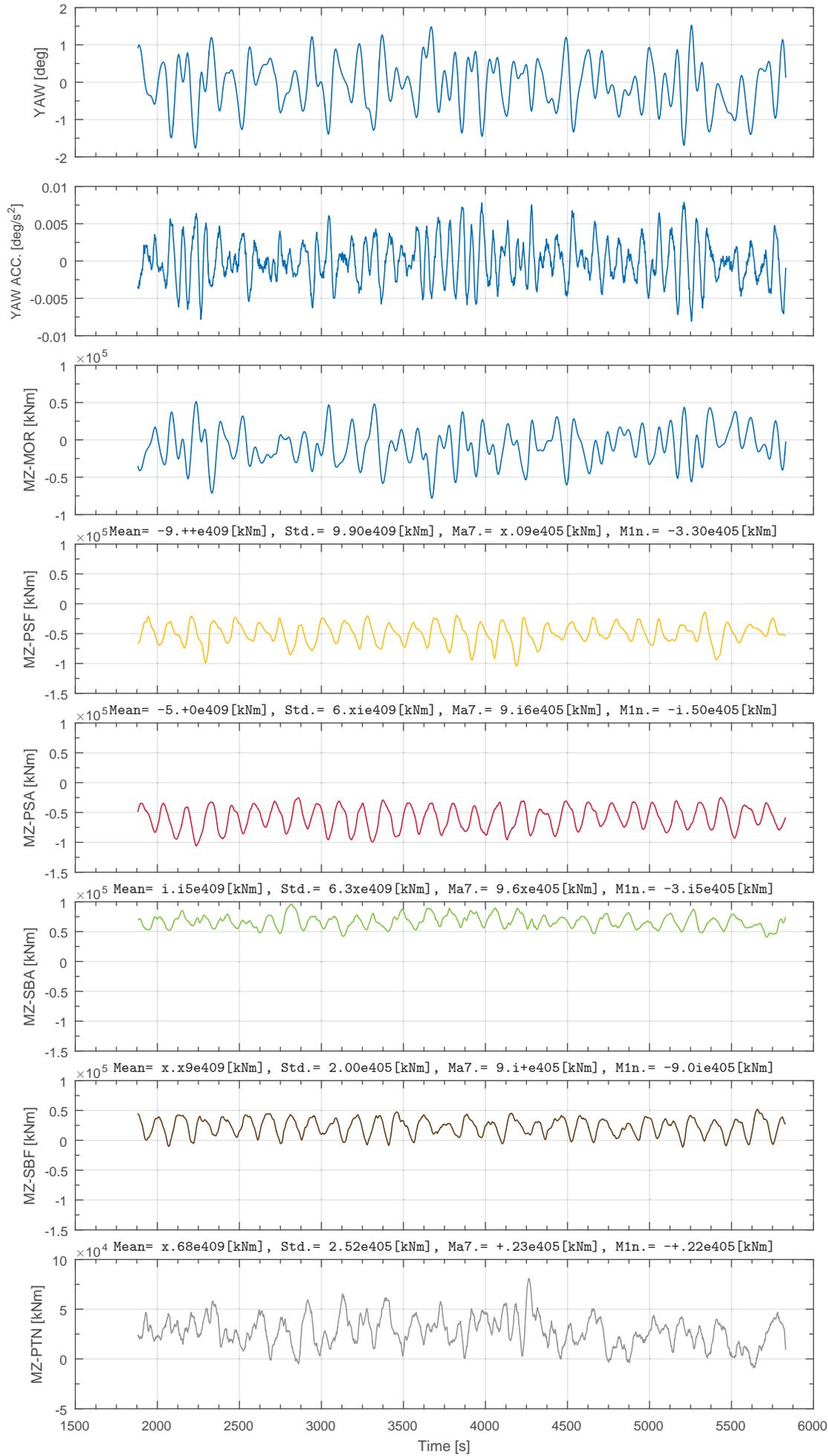
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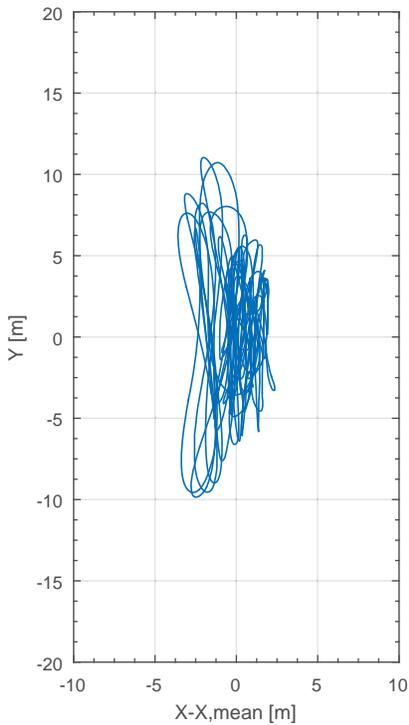
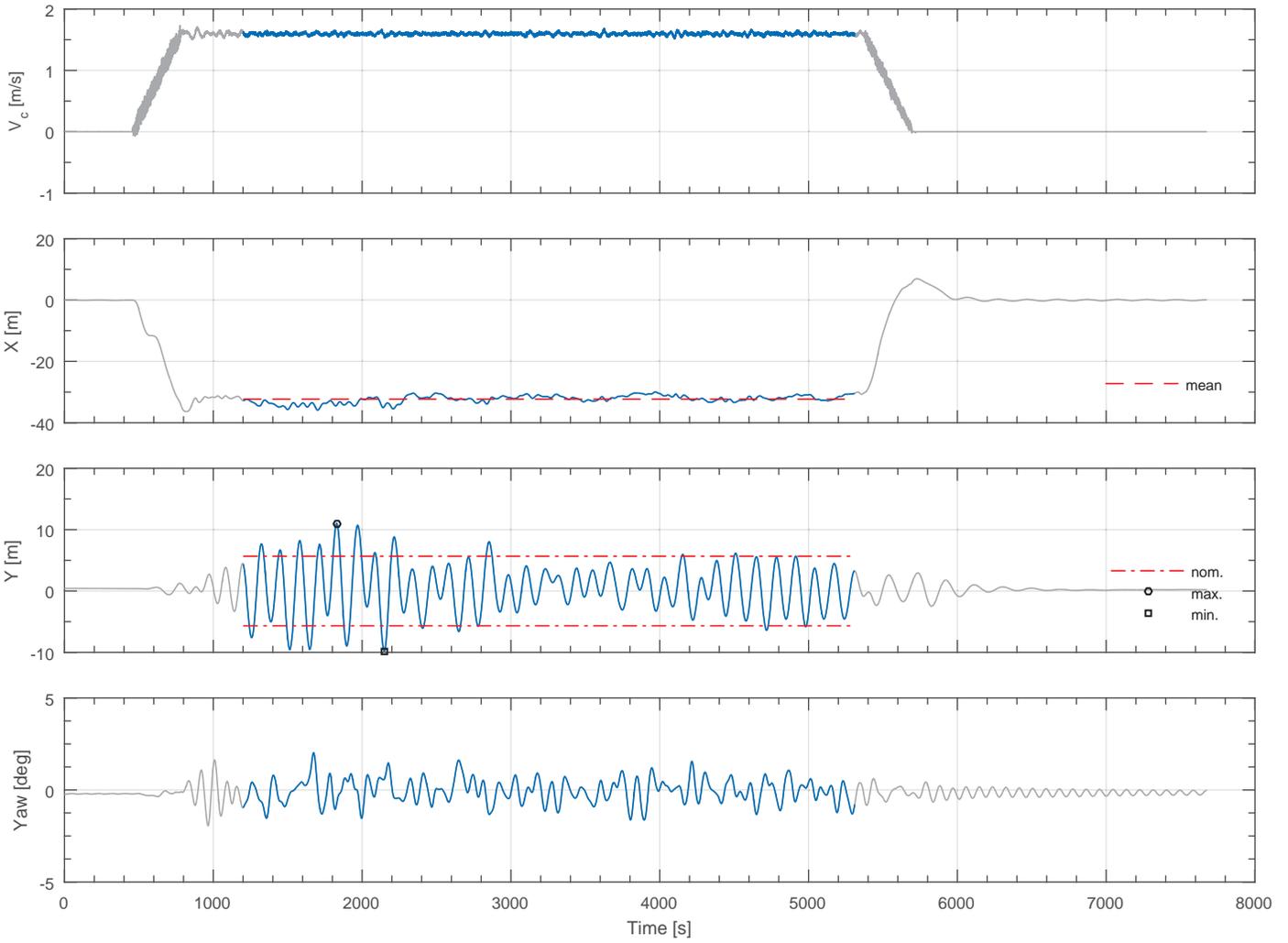
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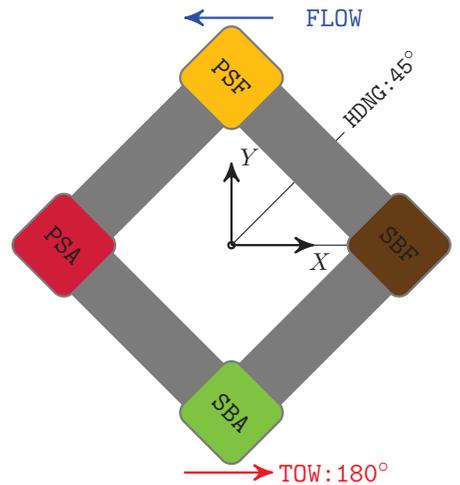
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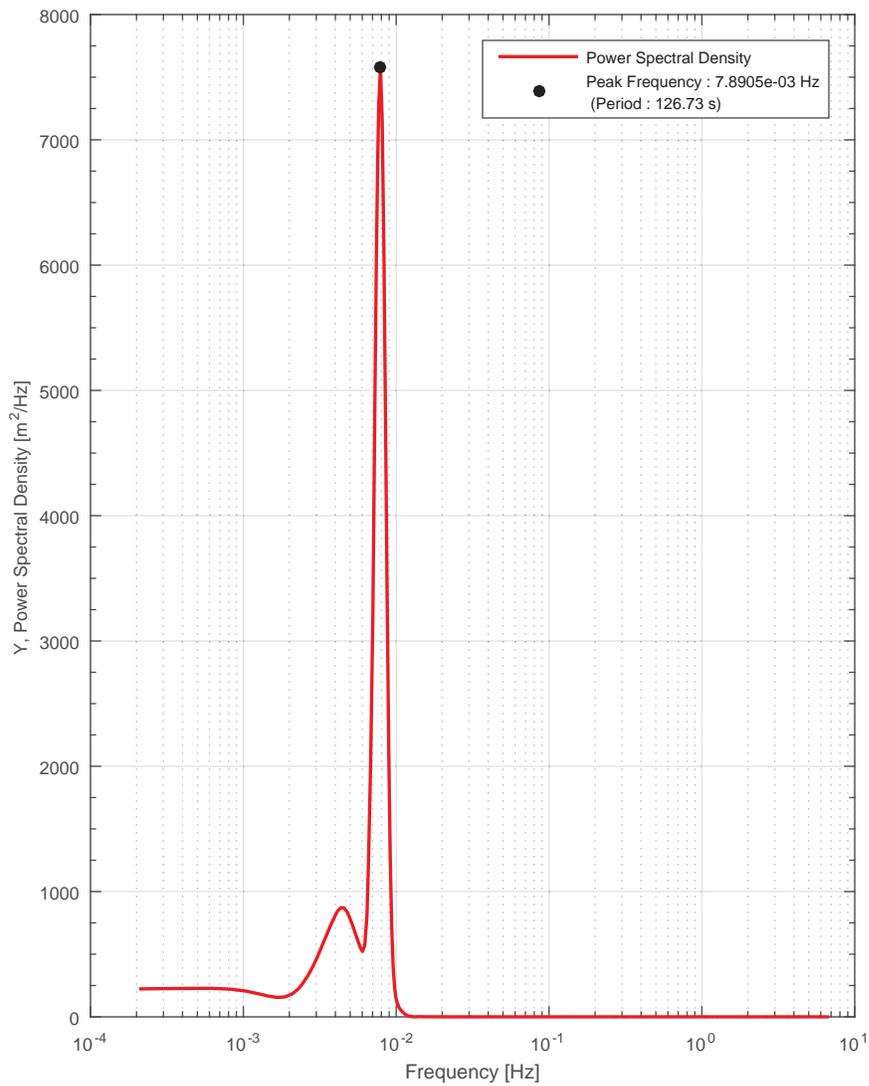
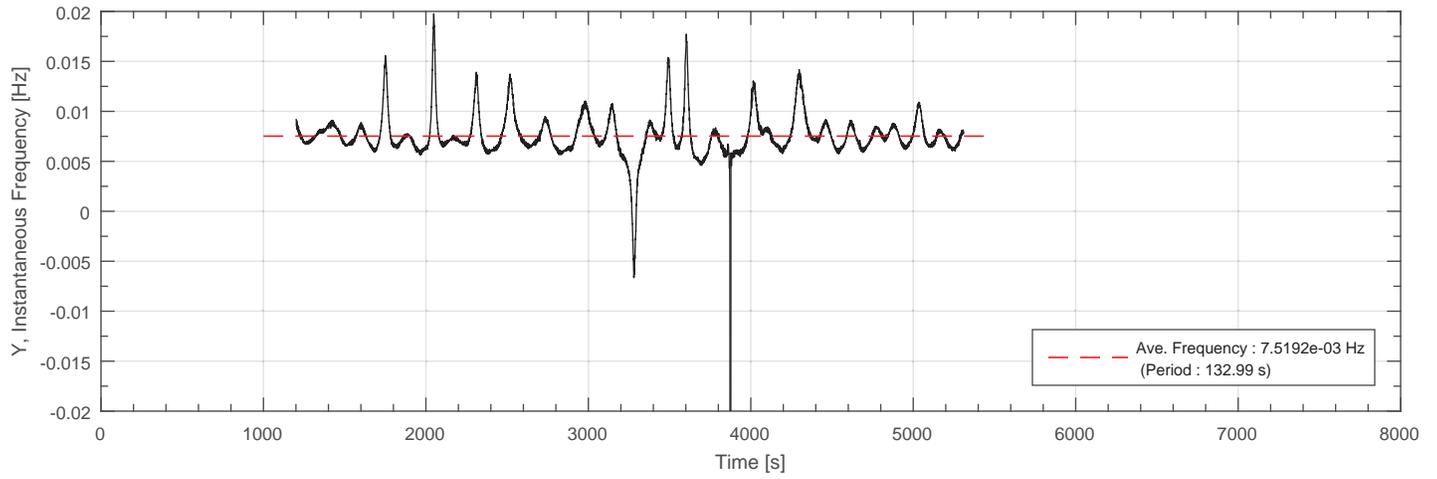
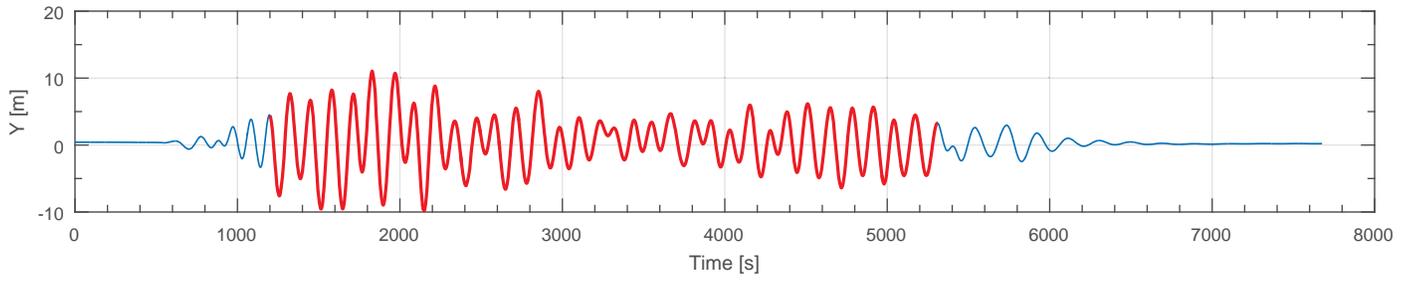
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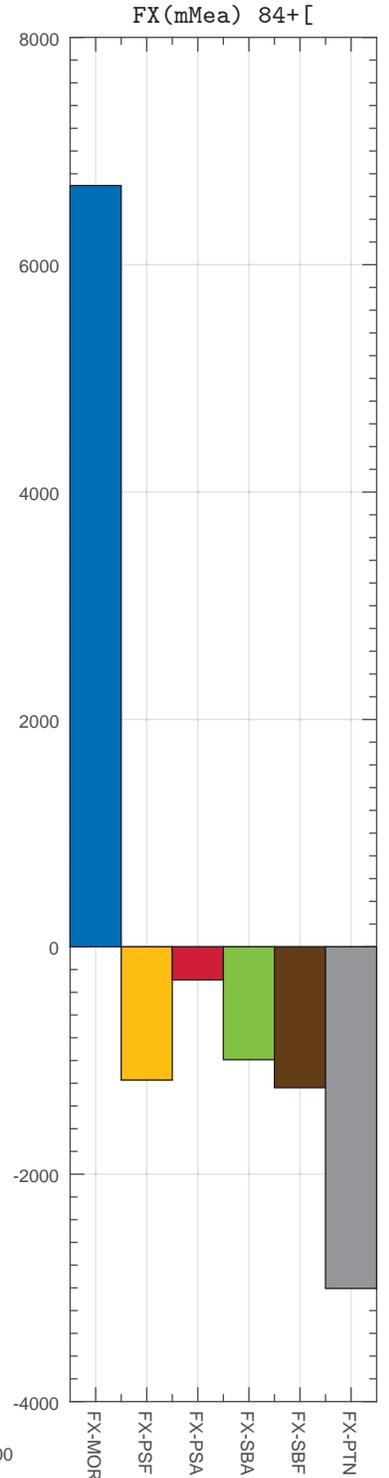
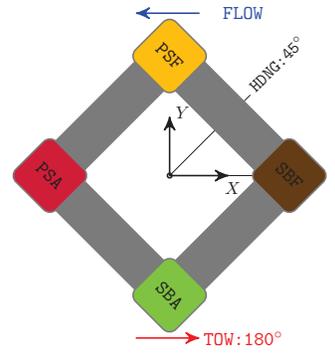
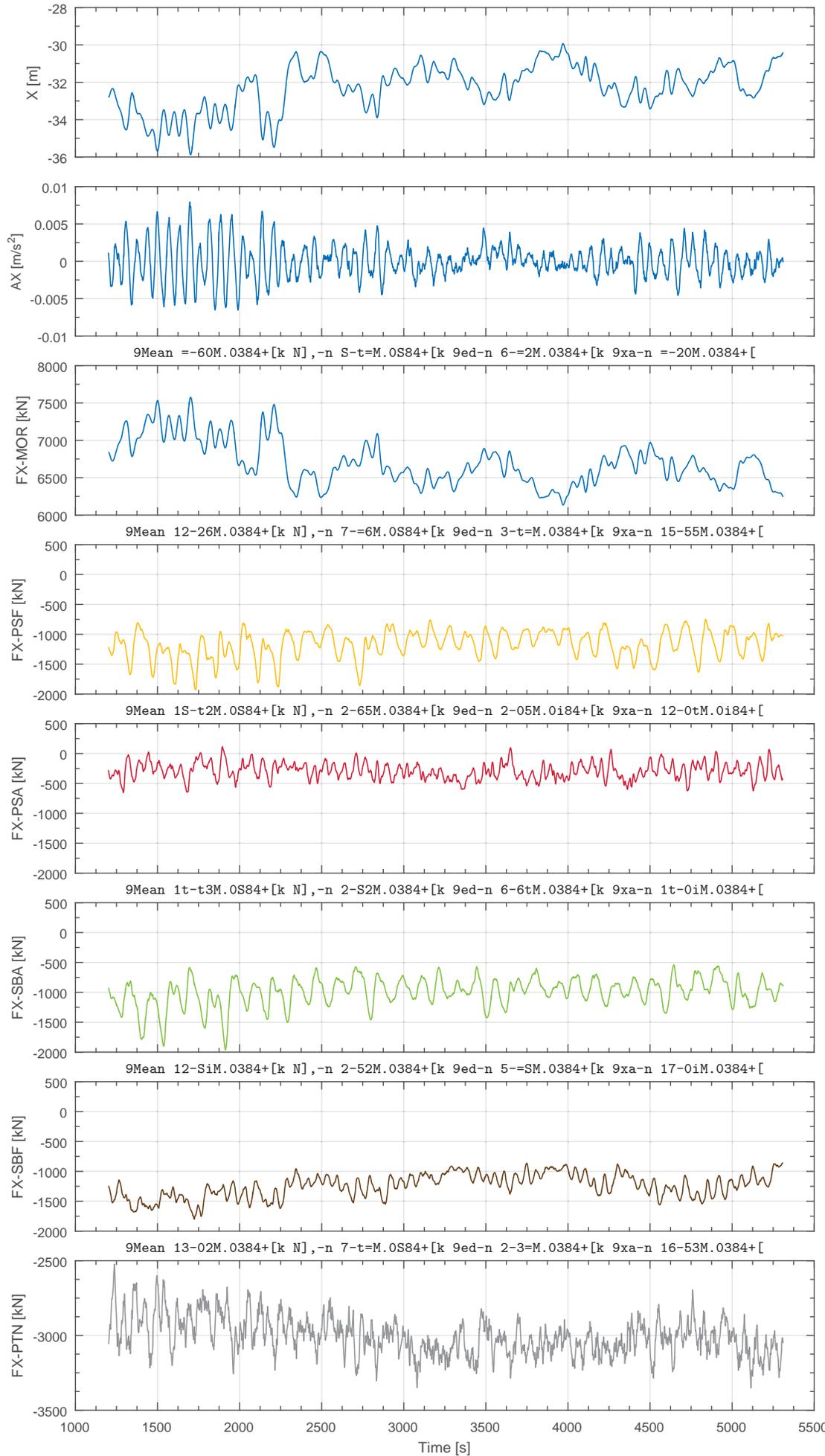
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|------------|---|---------------|
| Ur | : | 10.00 |
| Vc (mean) | : | 1.59 m/s |
| Tow Dirn. | : | 180.00 deg |
| Heading | : | 45.00 deg |
| Time,Begin | : | 1200.82 s |
| Time,End | : | 5310.03 s |
| X,mean | : | -32.30 m |
| Y,nom. | : | 5.67 m |
| Y,max. | : | 10.45 m |
| D | : | 31.04 m |
| Anom/D | : | 0.18 |
| Amax/D | : | 0.34 |
| Yaw,max. | : | 2.02 deg |
| Yaw,min. | : | -1.63 deg |
| Damping | : | 1308.20 kNs/m |



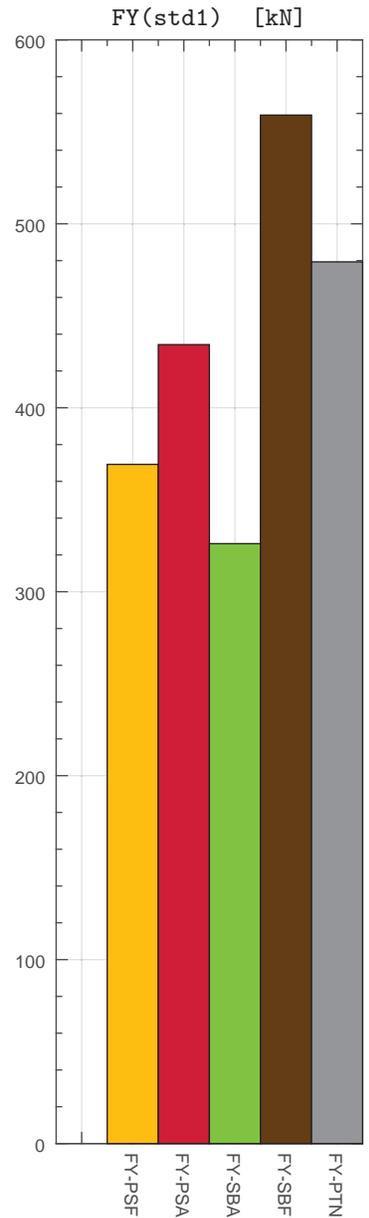
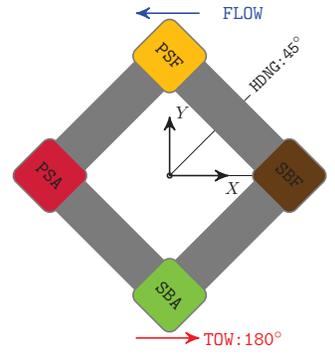
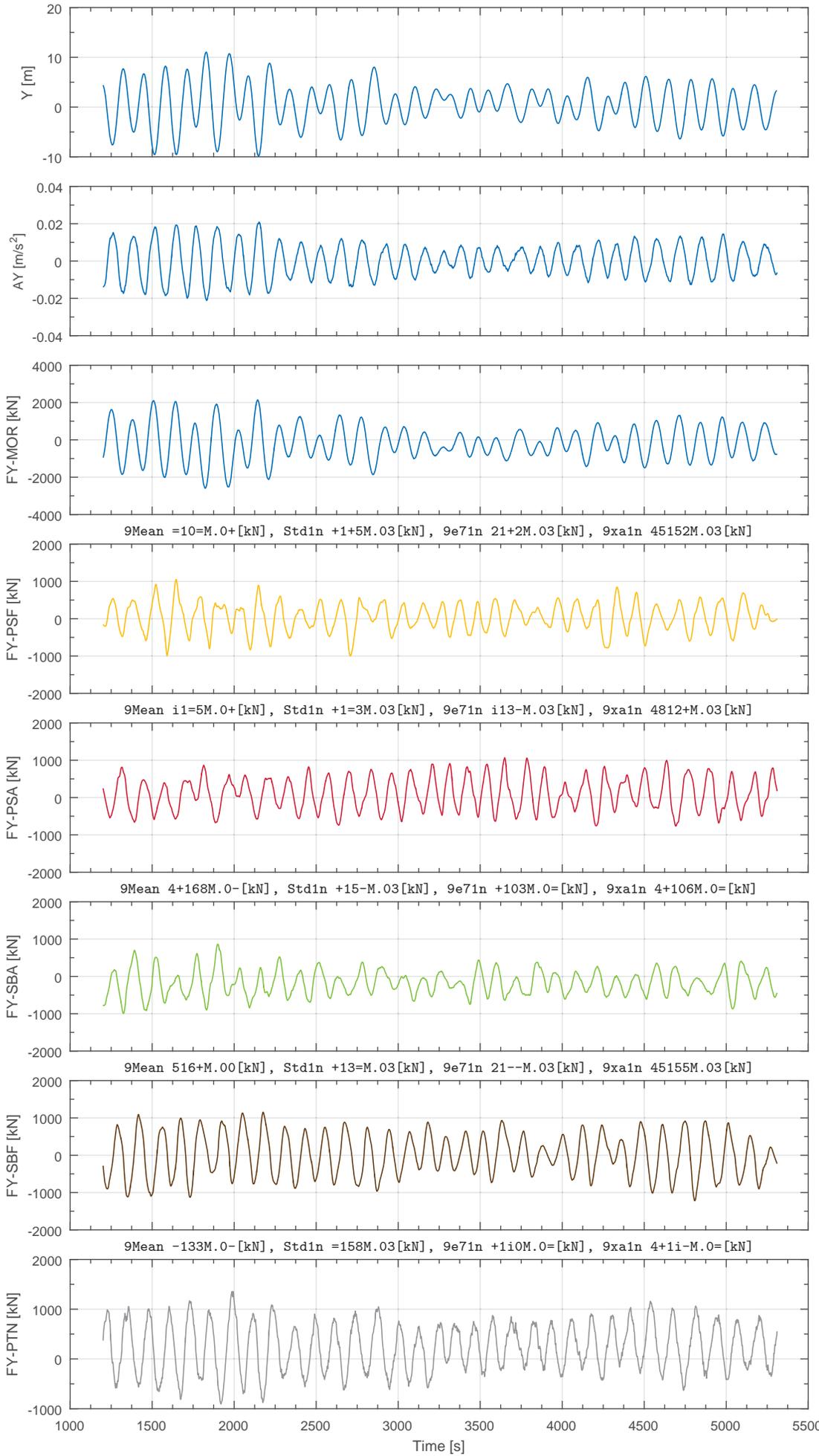
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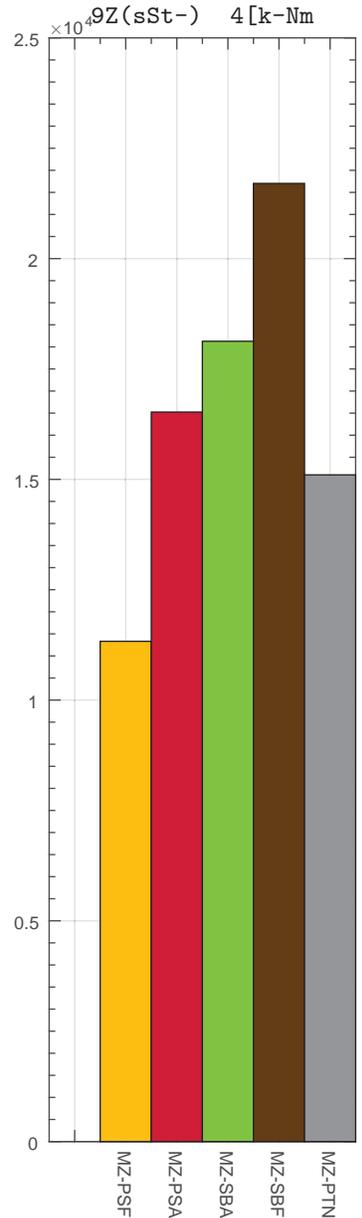
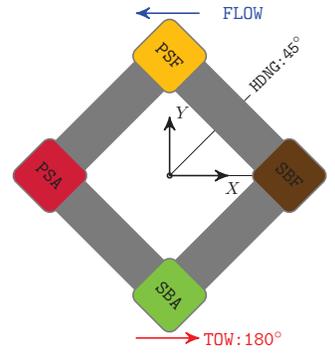
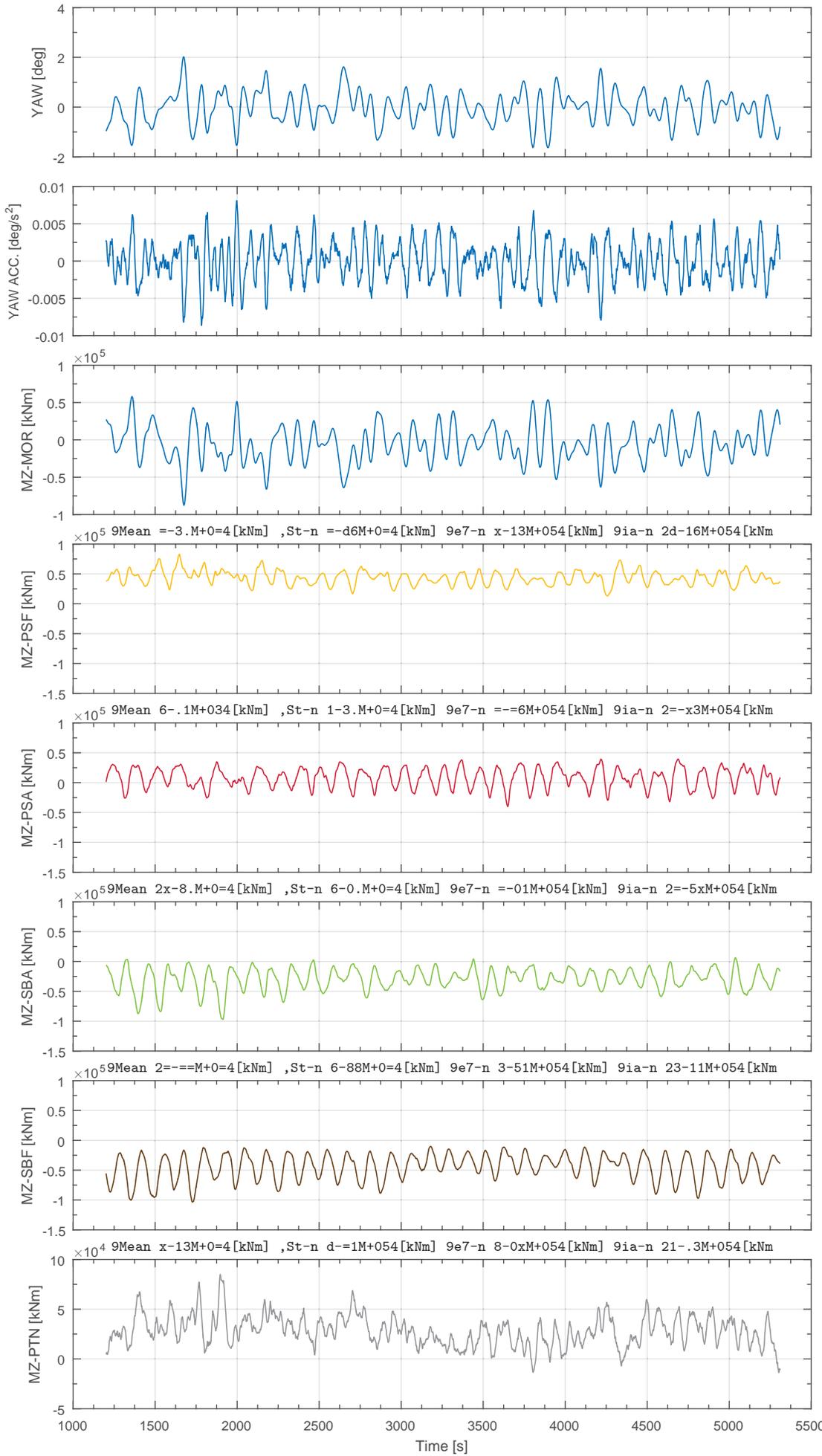
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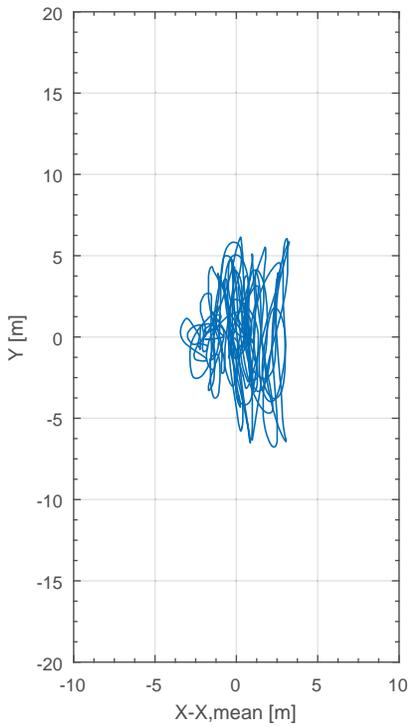
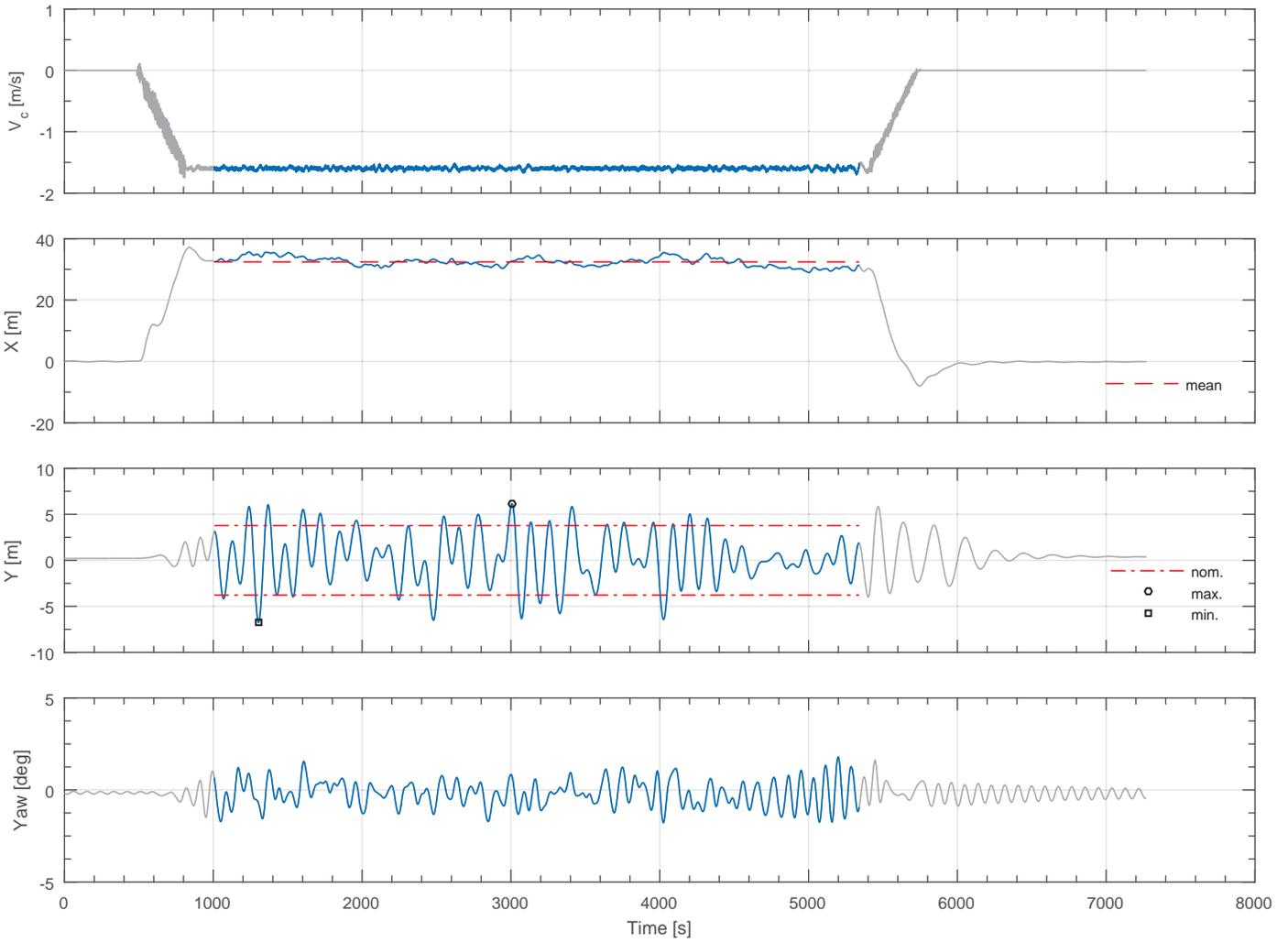
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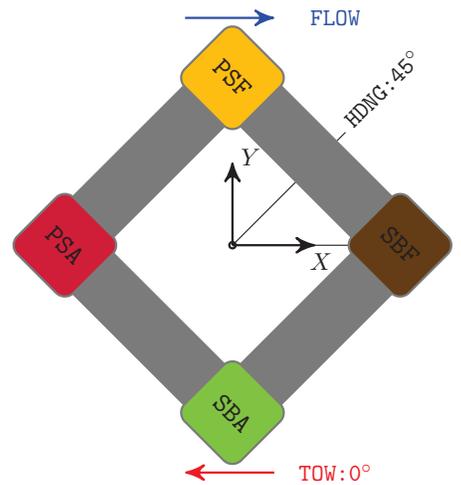
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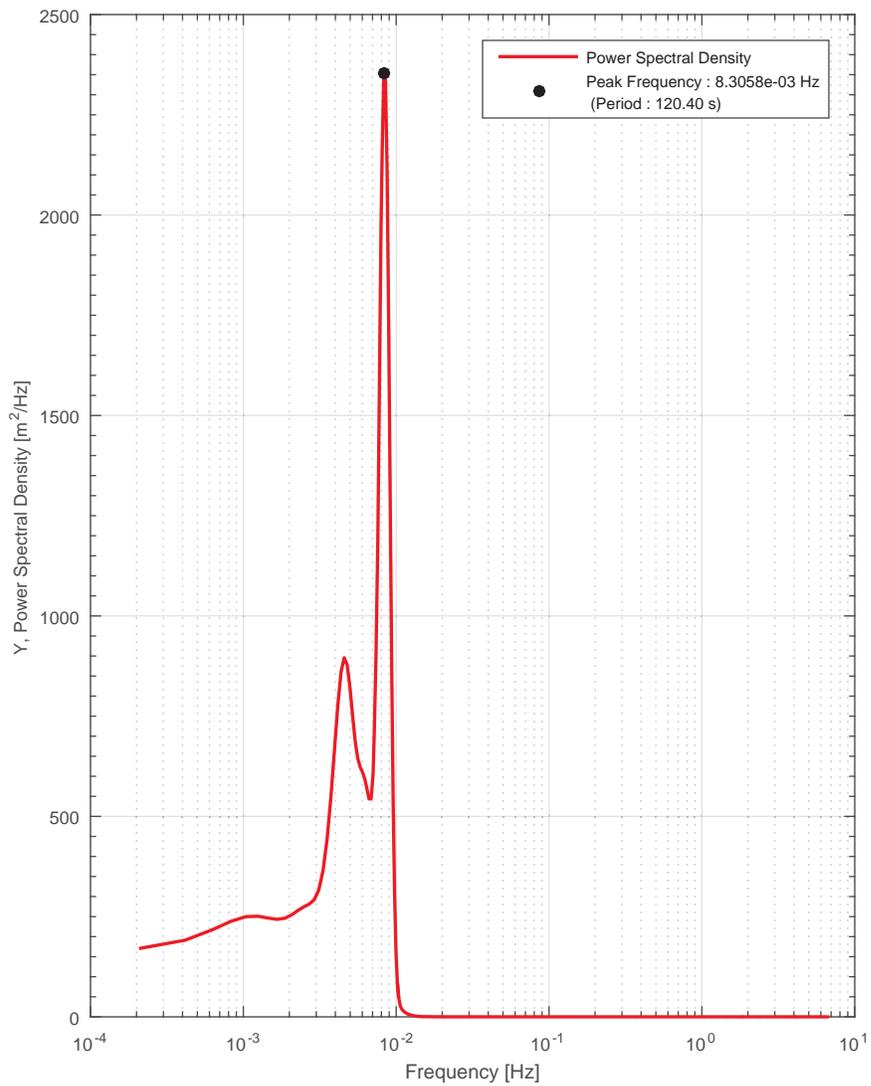
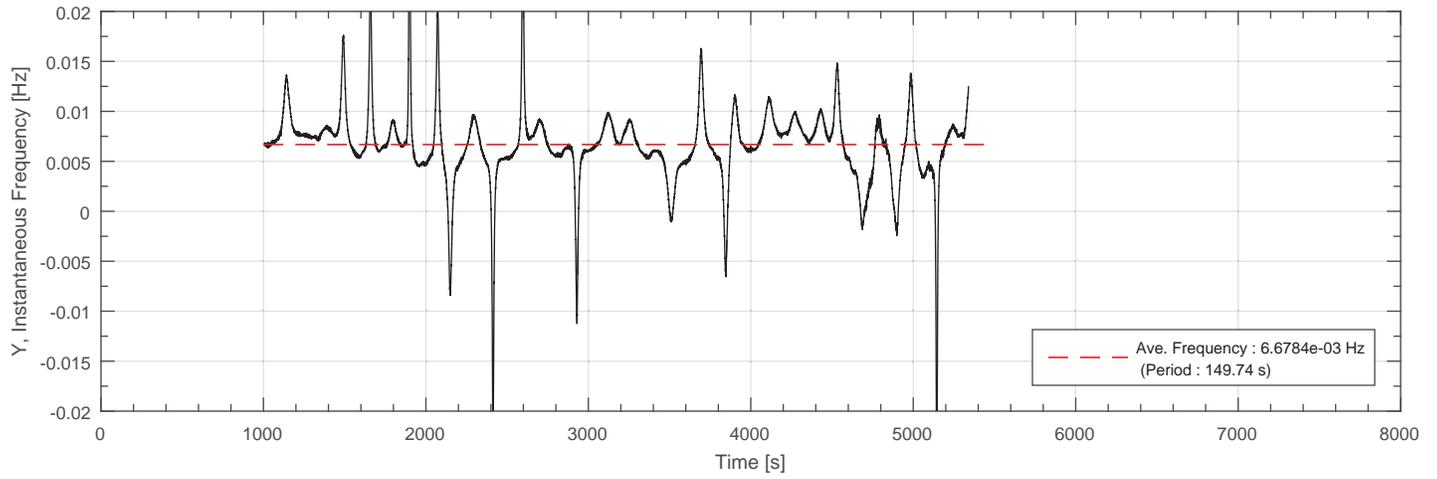
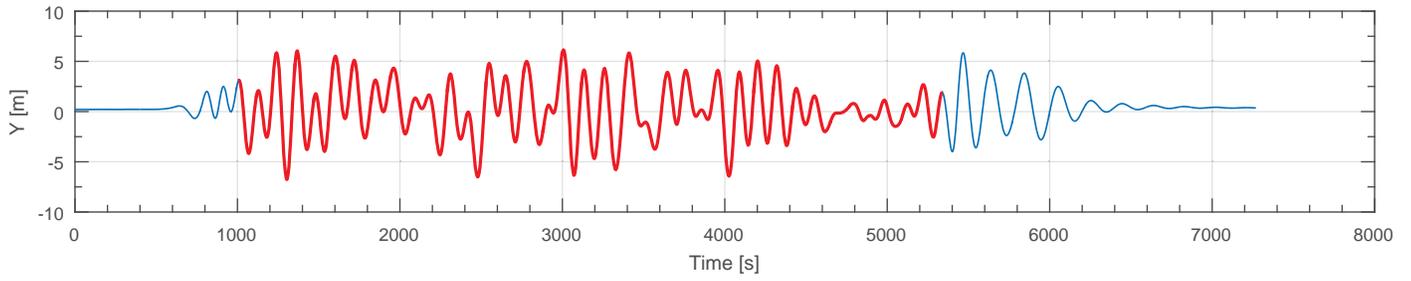
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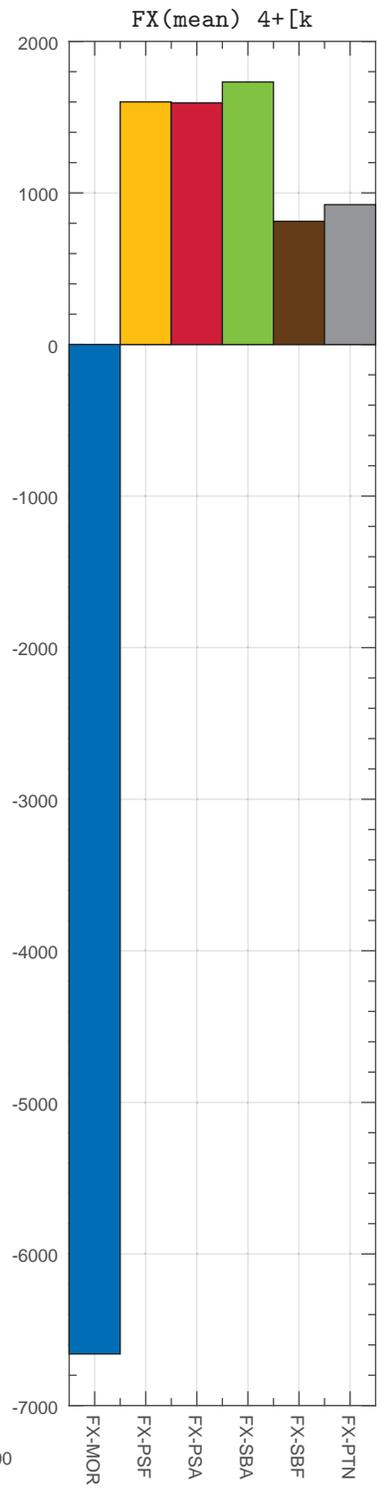
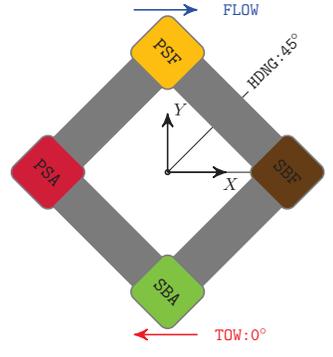
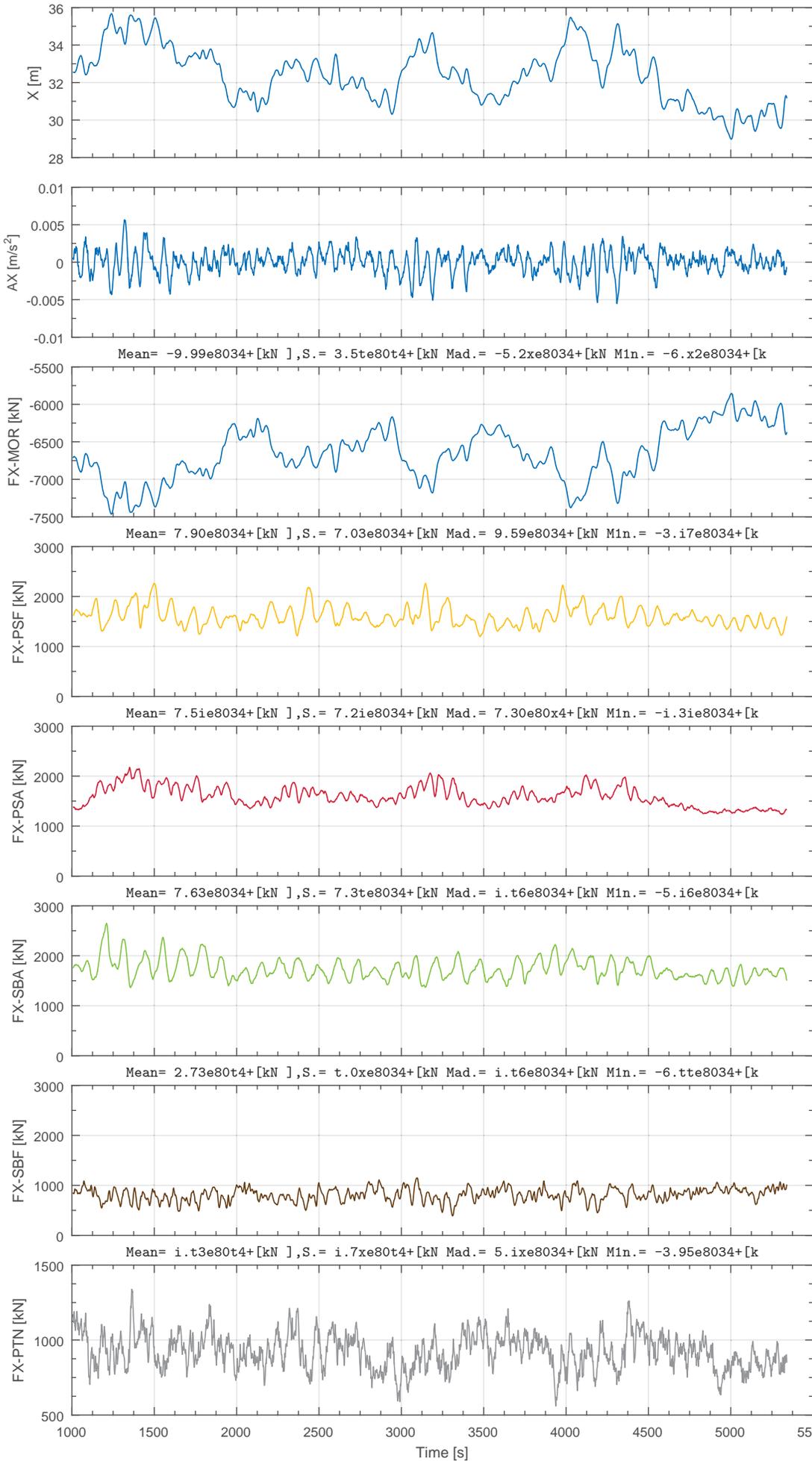
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|-------------|---|---------------|
| Ur | : | 10.00 |
| Vc (mean) | : | -1.60 m/s |
| Tow Dirn. | : | 0.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 1006.60 s |
| Time, End | : | 5340.52 s |
| X, mean | : | 32.42 m |
| Y, nom. | : | 3.78 m |
| Y, max. | : | 6.46 m |
| D | : | 31.04 m |
| Anom/D | : | 0.12 |
| Amax/D | : | 0.21 |
| Yaw, max. | : | 1.80 deg |
| Yaw, min. | : | -1.79 deg |
| Damping | : | 1308.20 kNs/m |



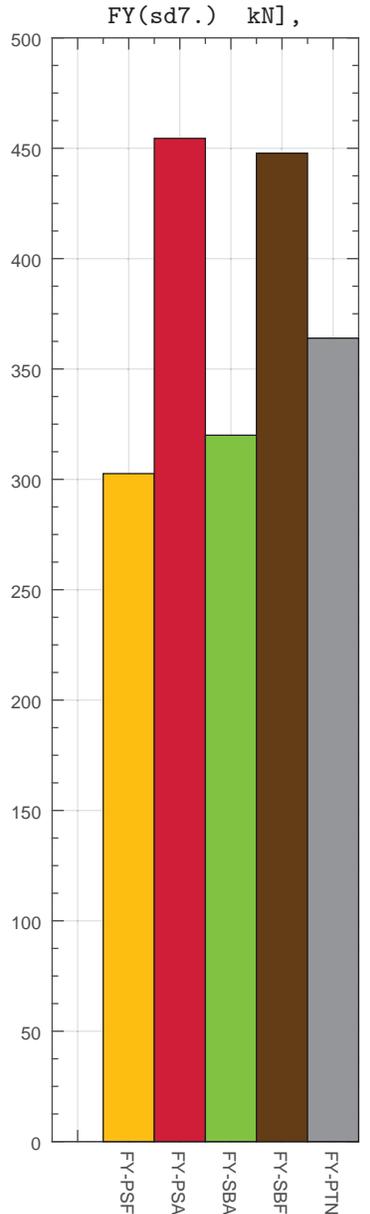
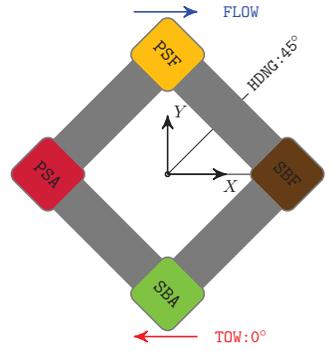
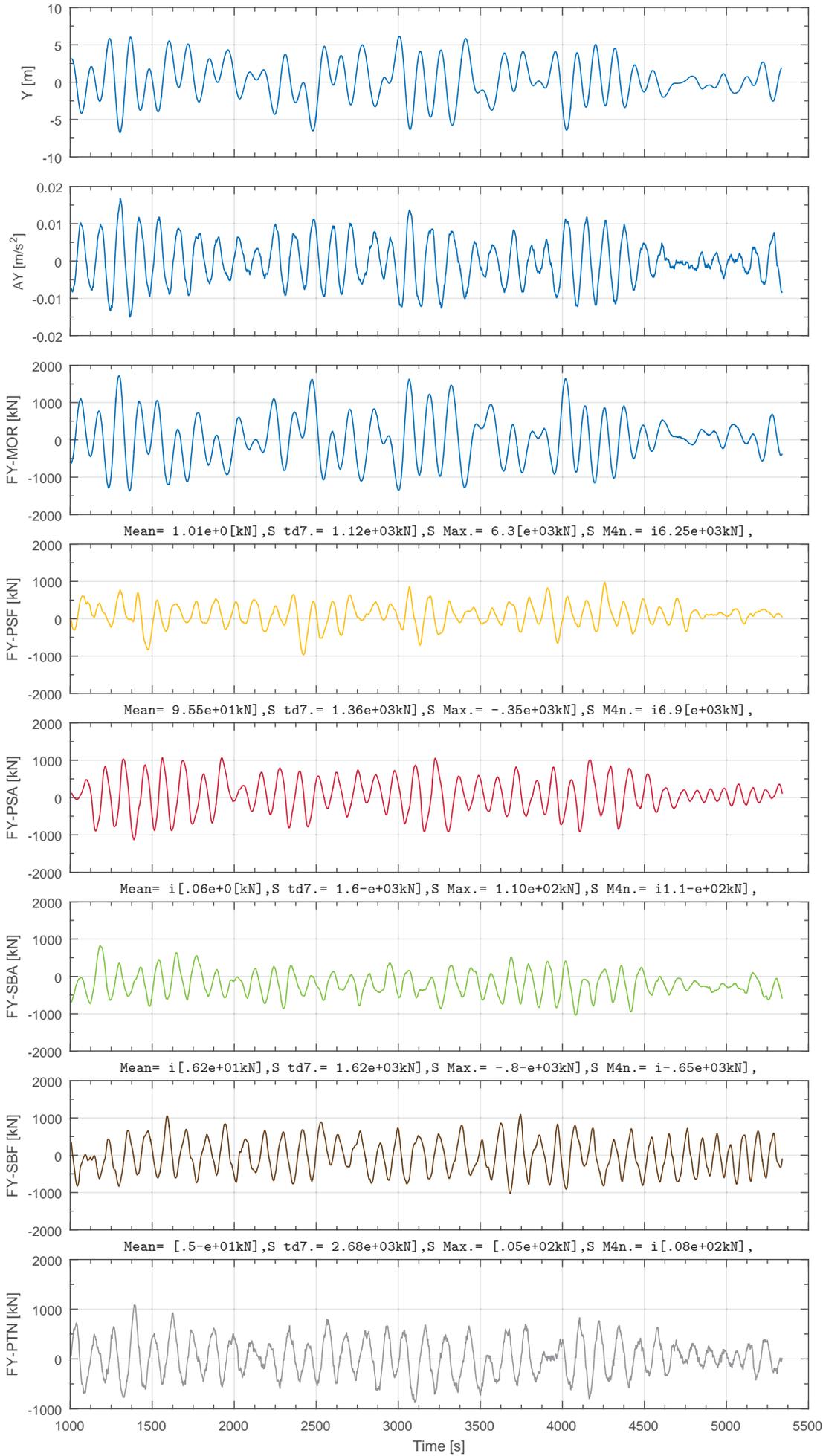
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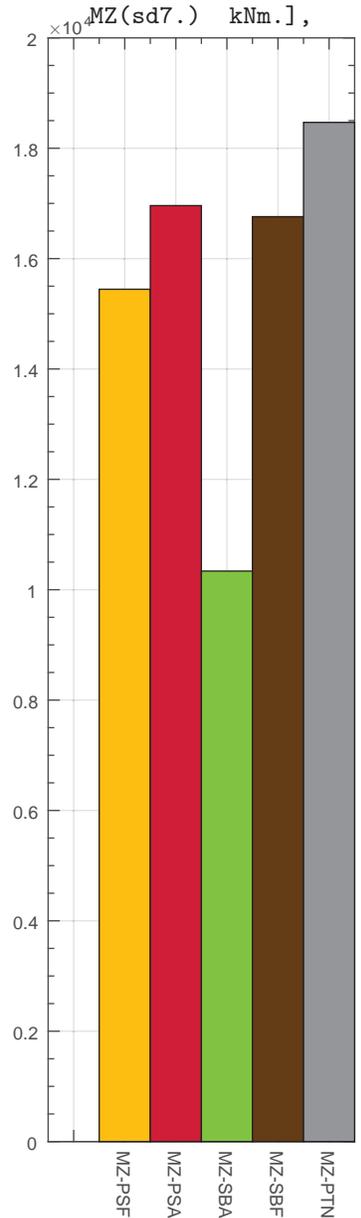
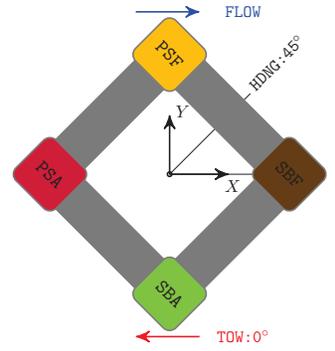
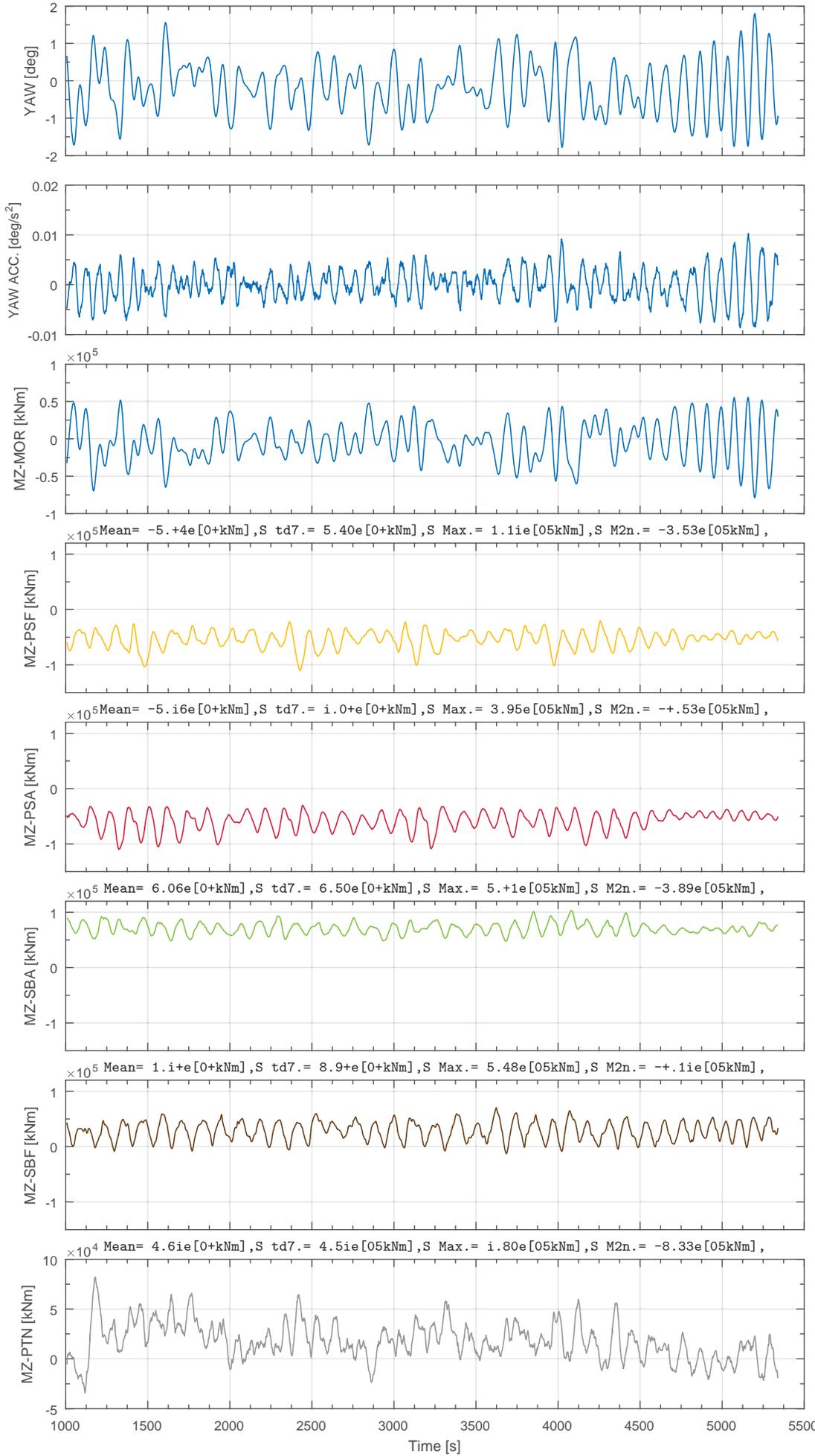
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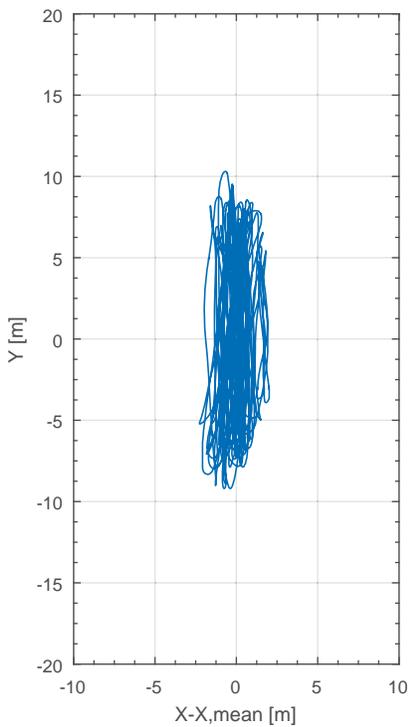
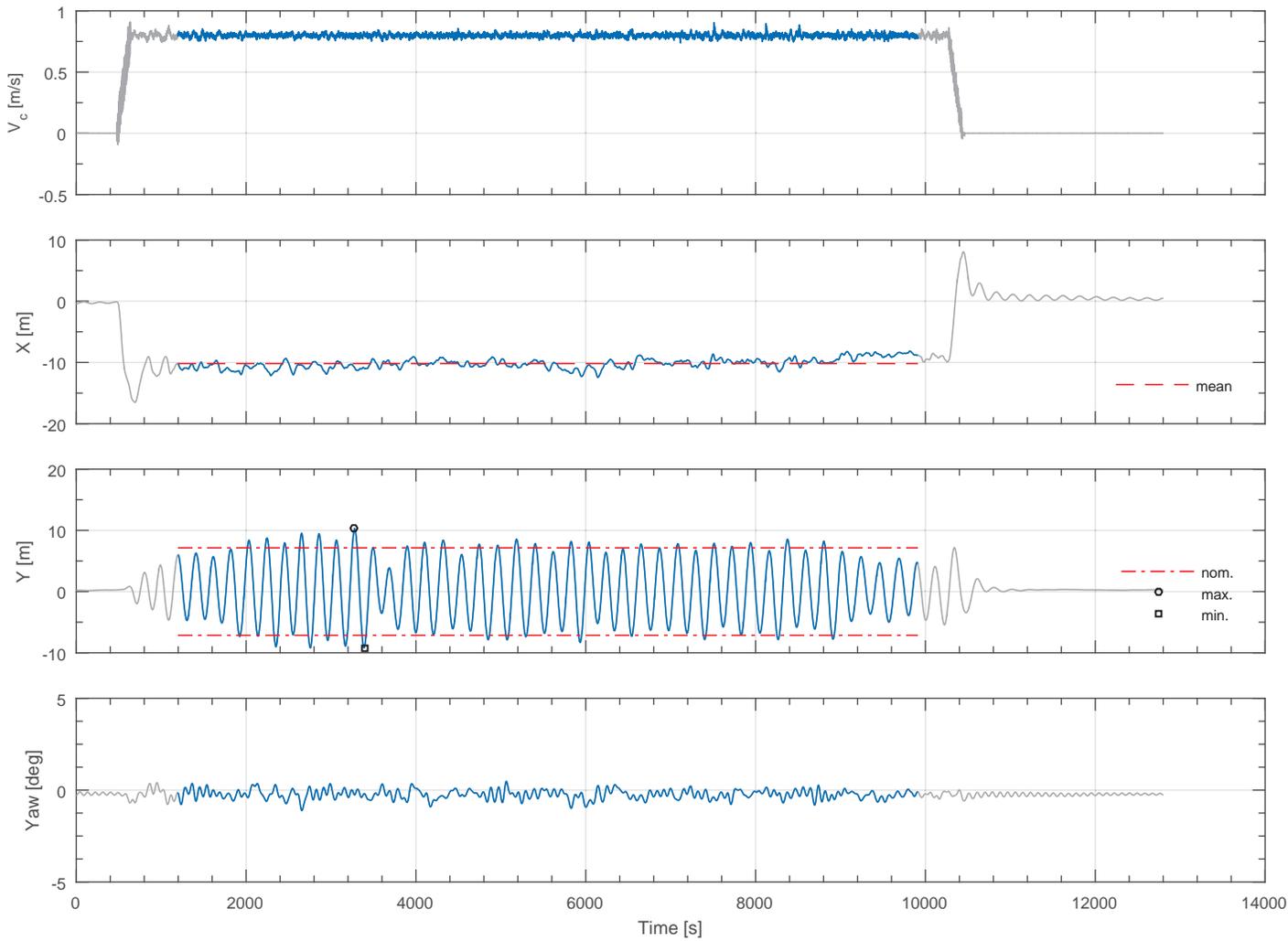
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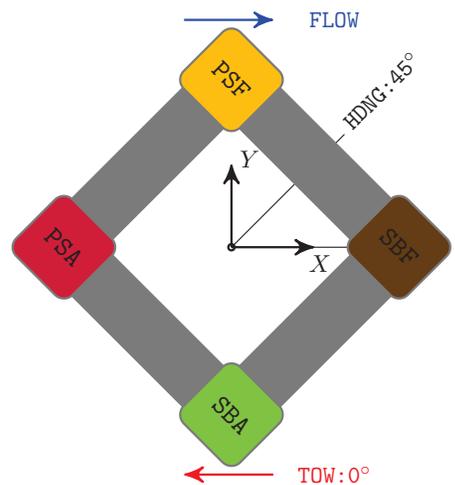
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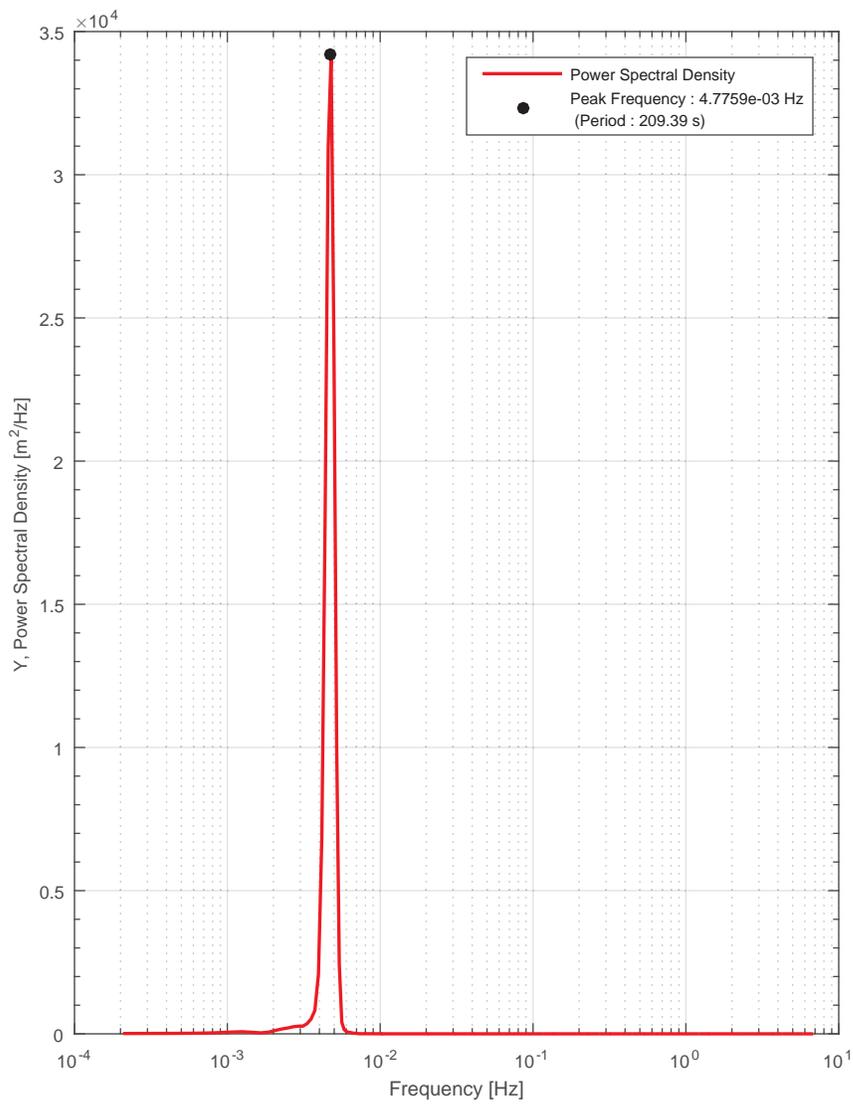
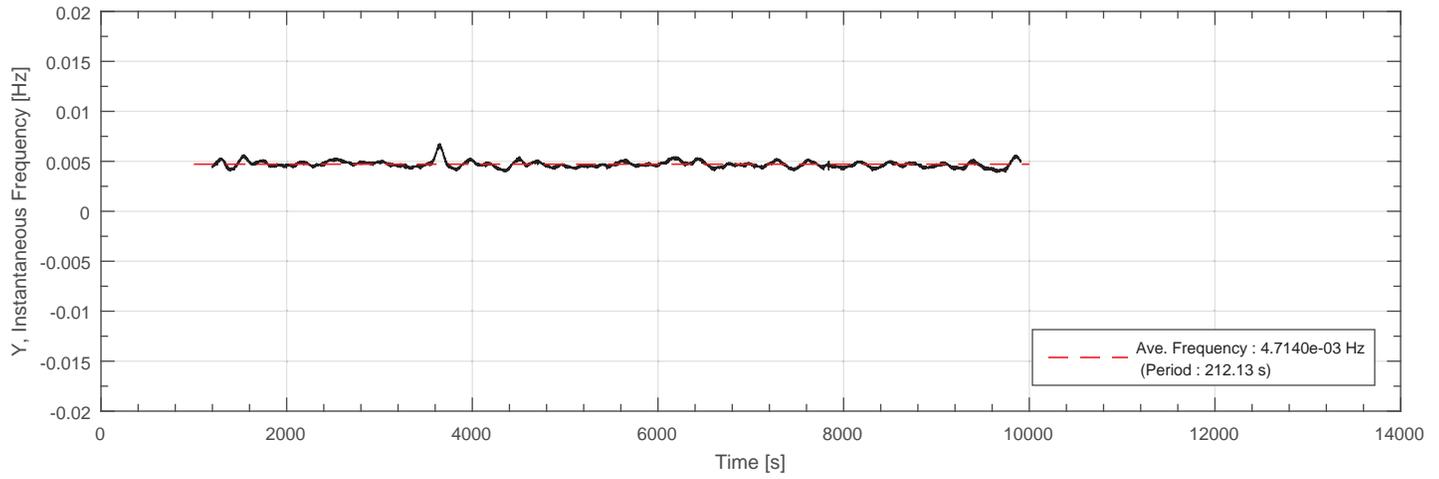
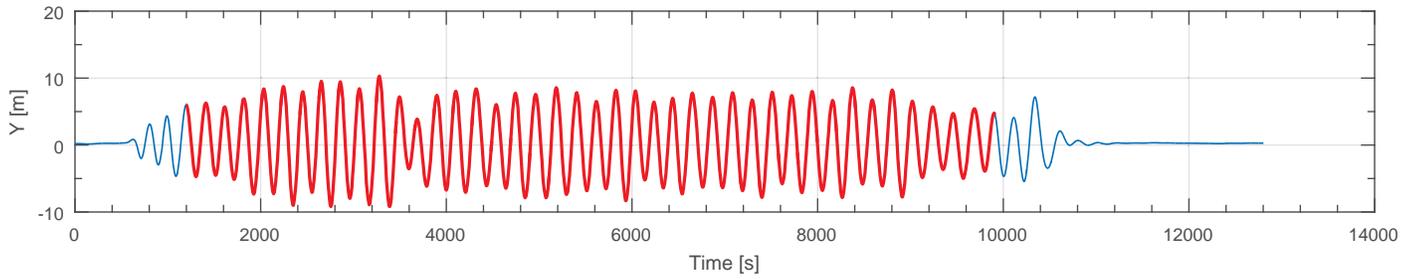
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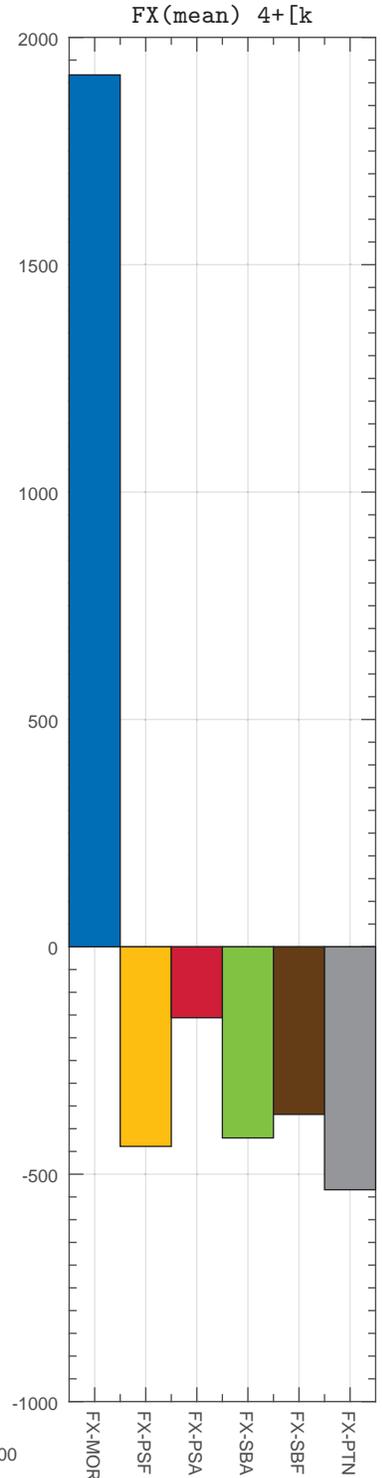
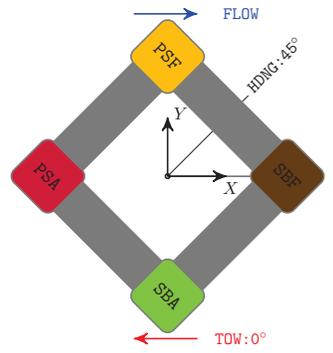
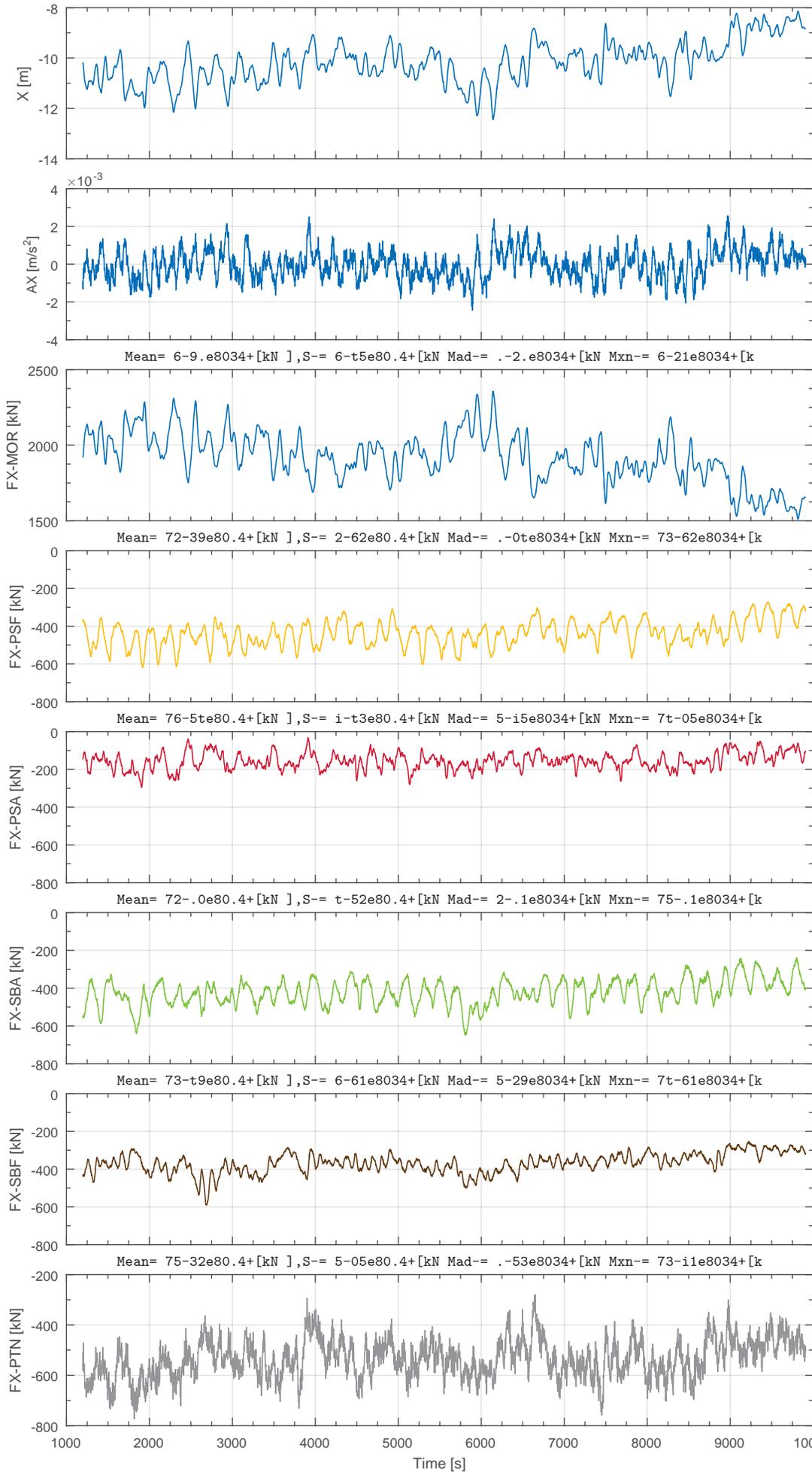
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|------------|---|---------------|
| Ur | : | 5.00 |
| Vc (mean) | : | 0.80 m/s |
| Tow Dirn. | : | 0.00 deg |
| Heading | : | 45.00 deg |
| Time,Begin | : | 1197.00 s |
| Time,End | : | 9910.48 s |
| X,mean | : | -10.18 m |
| Y,nom. | : | 7.14 m |
| Y,max. | : | 9.75 m |
| D | : | 31.04 m |
| Anom/D | : | 0.23 |
| Amax/D | : | 0.31 |
| Yaw,max. | : | 0.48 deg |
| Yaw,min. | : | -1.11 deg |
| Damping | : | 1962.30 kNs/m |



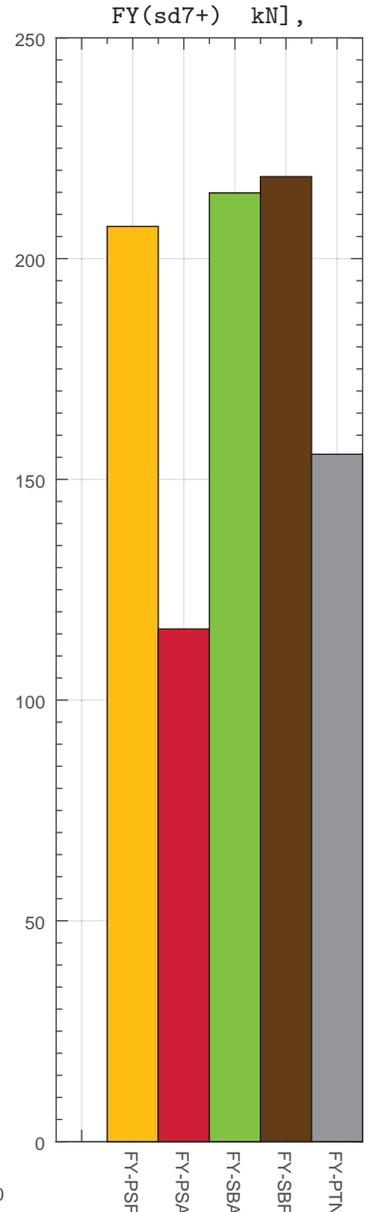
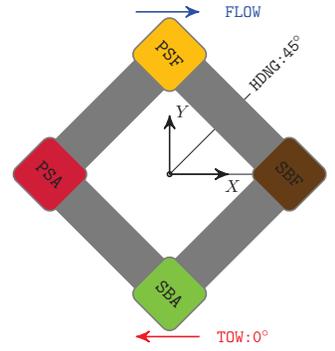
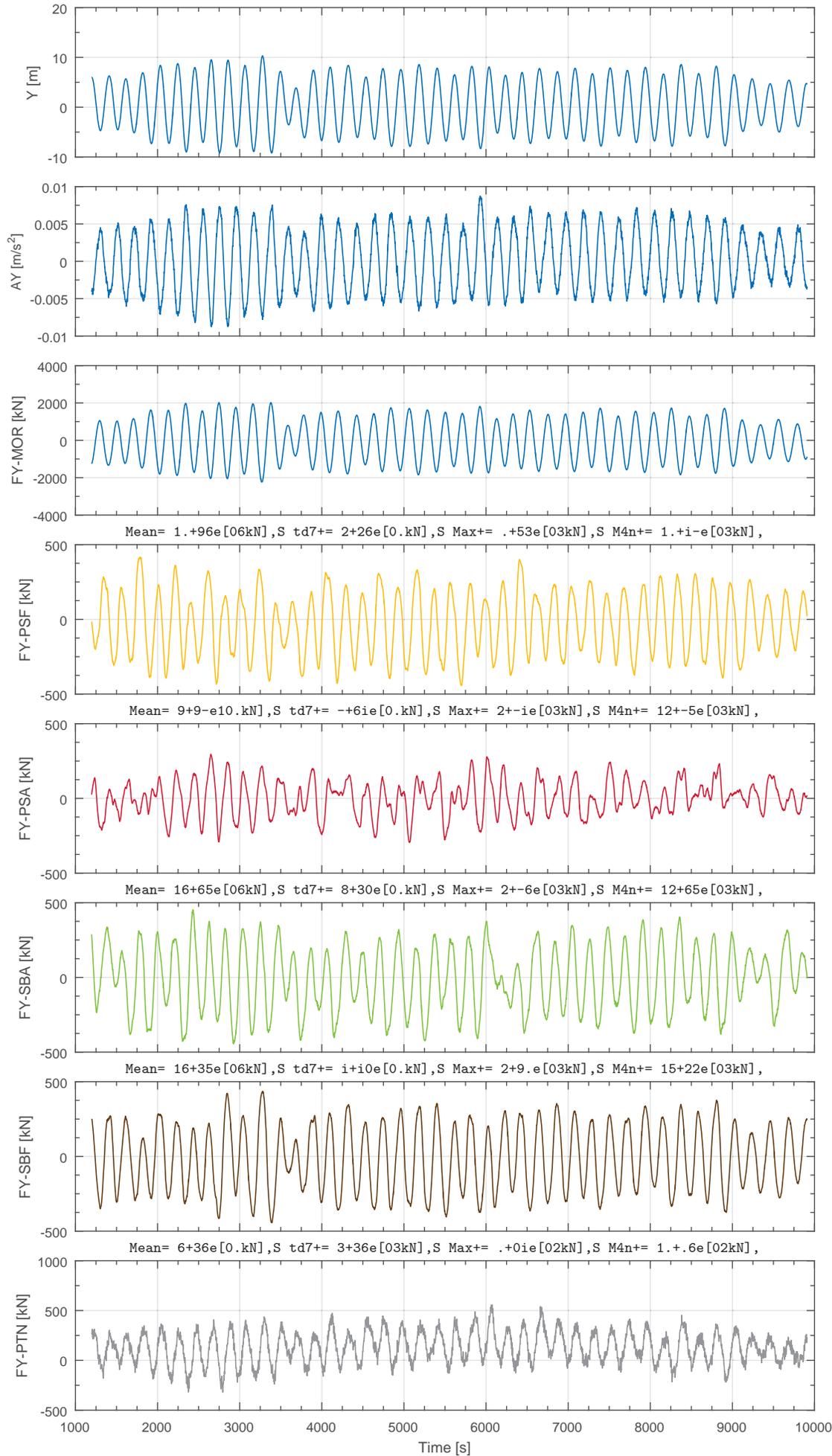
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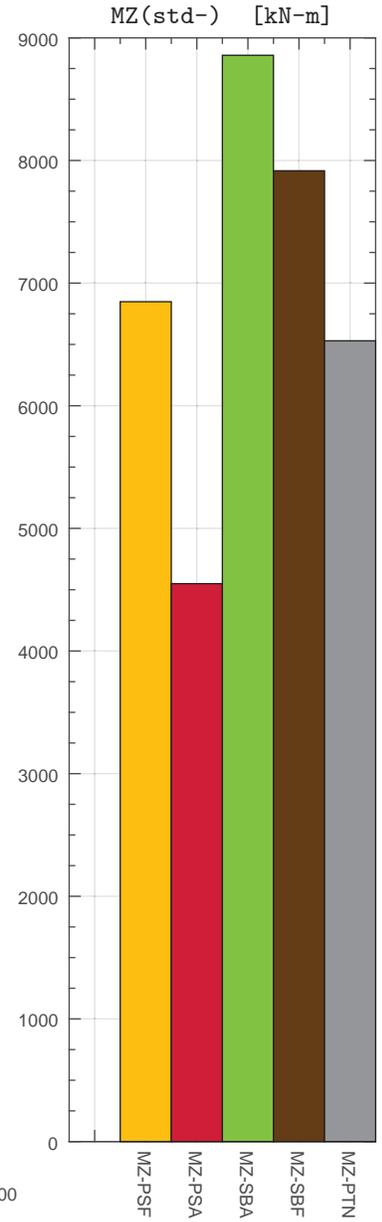
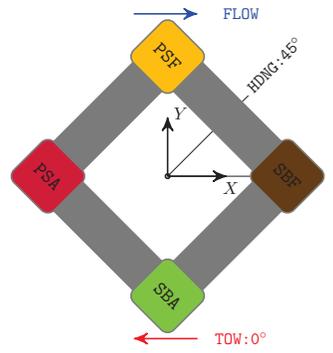
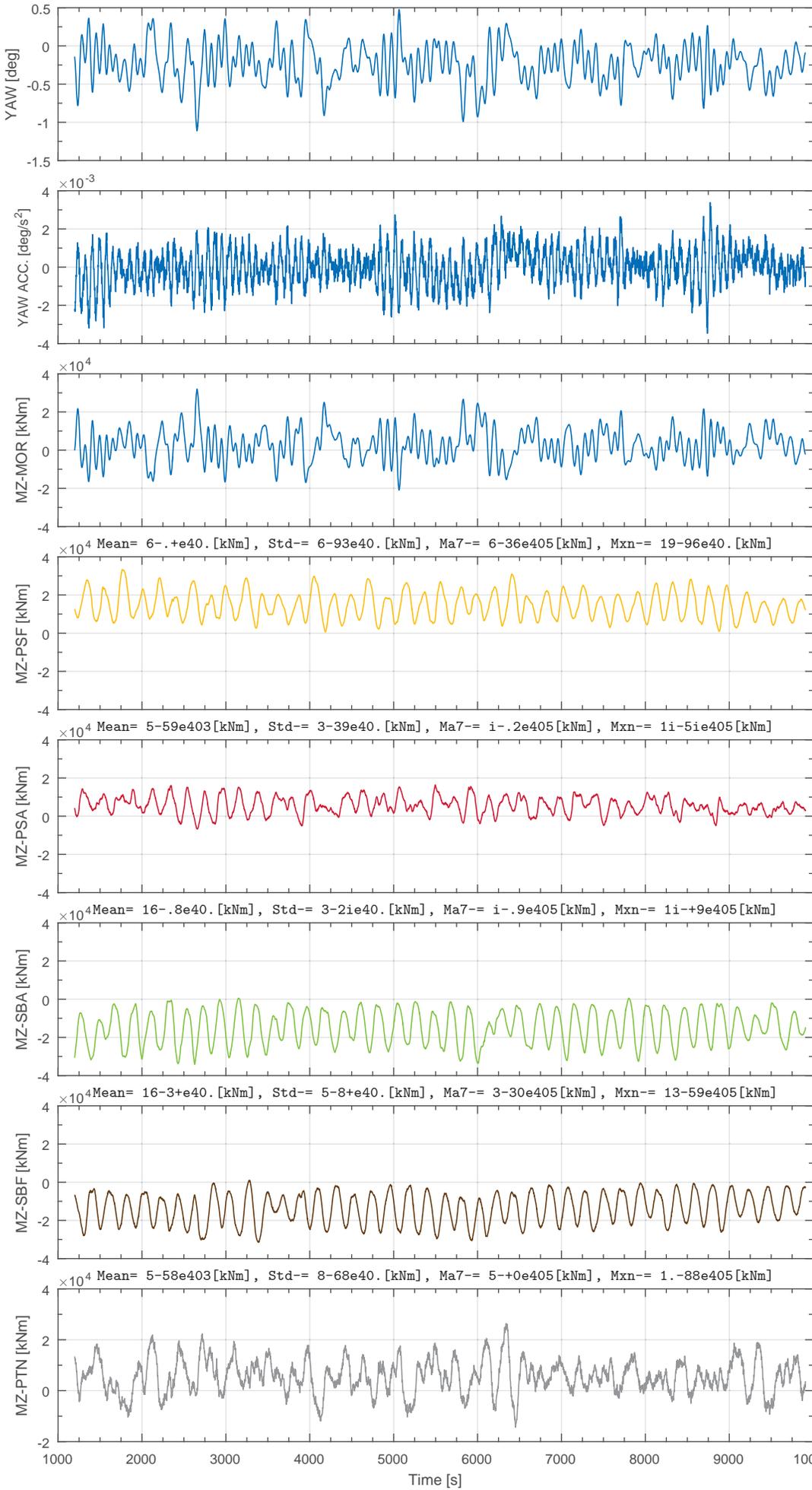
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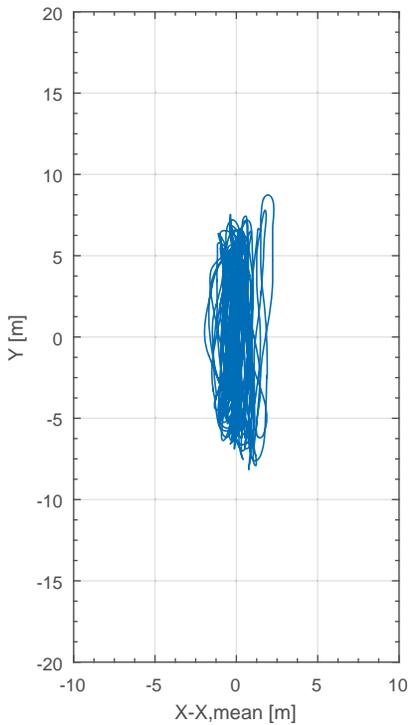
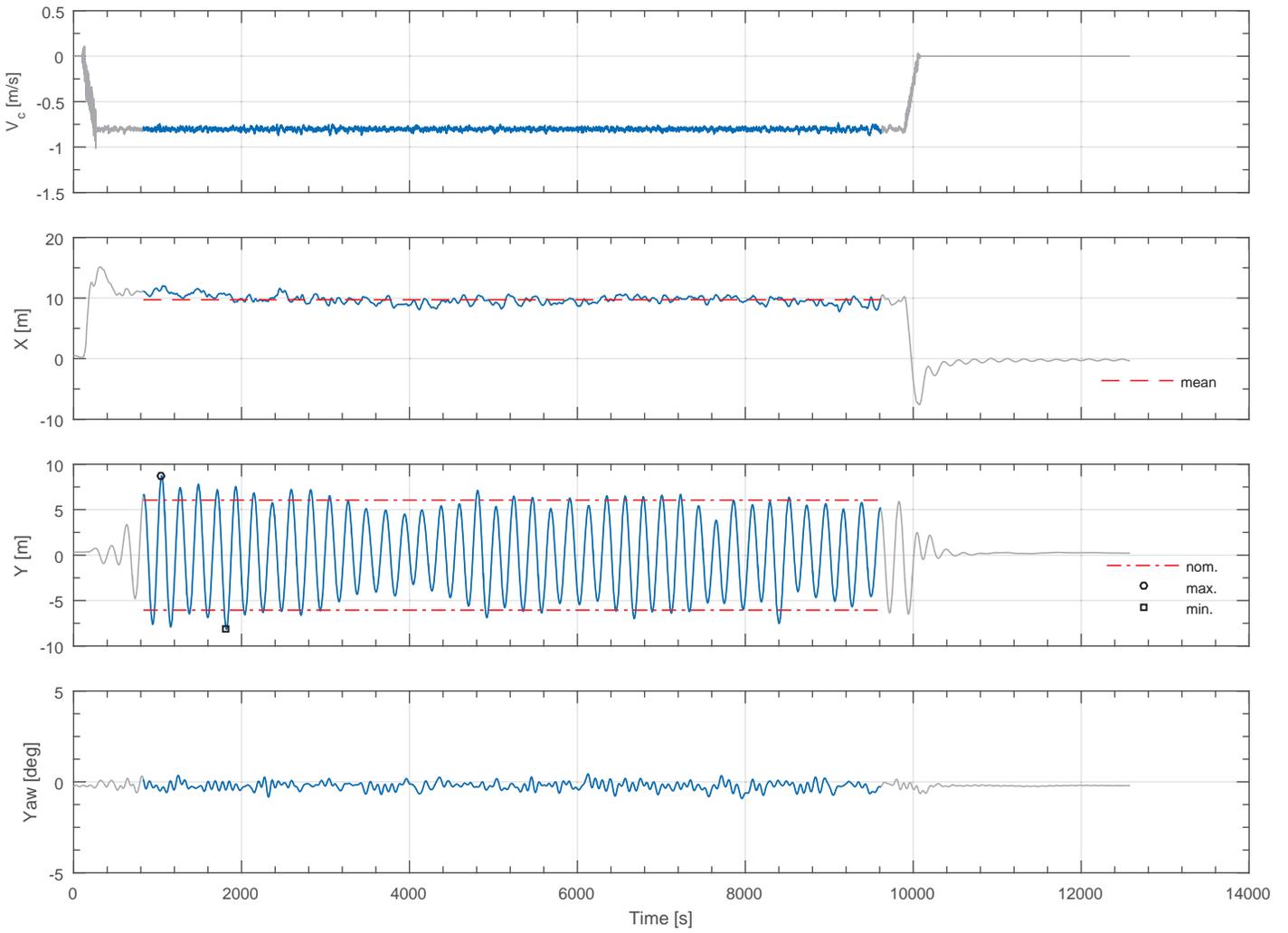
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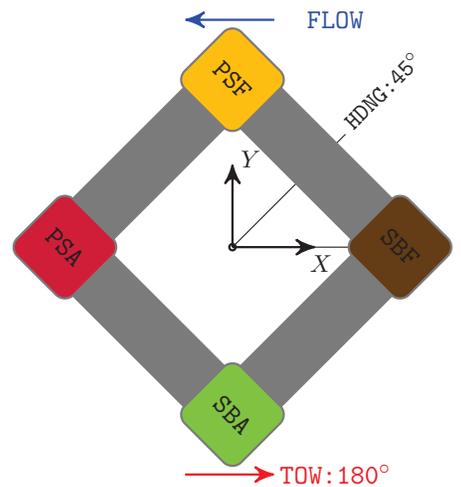
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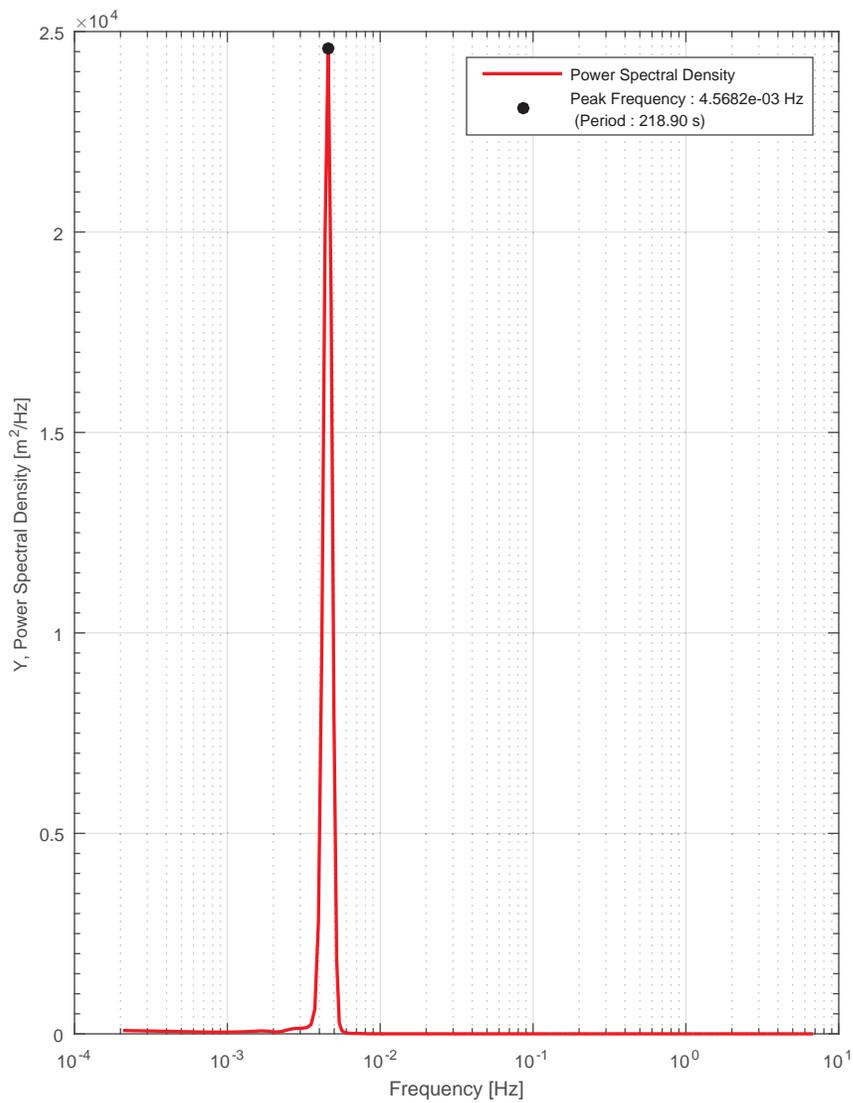
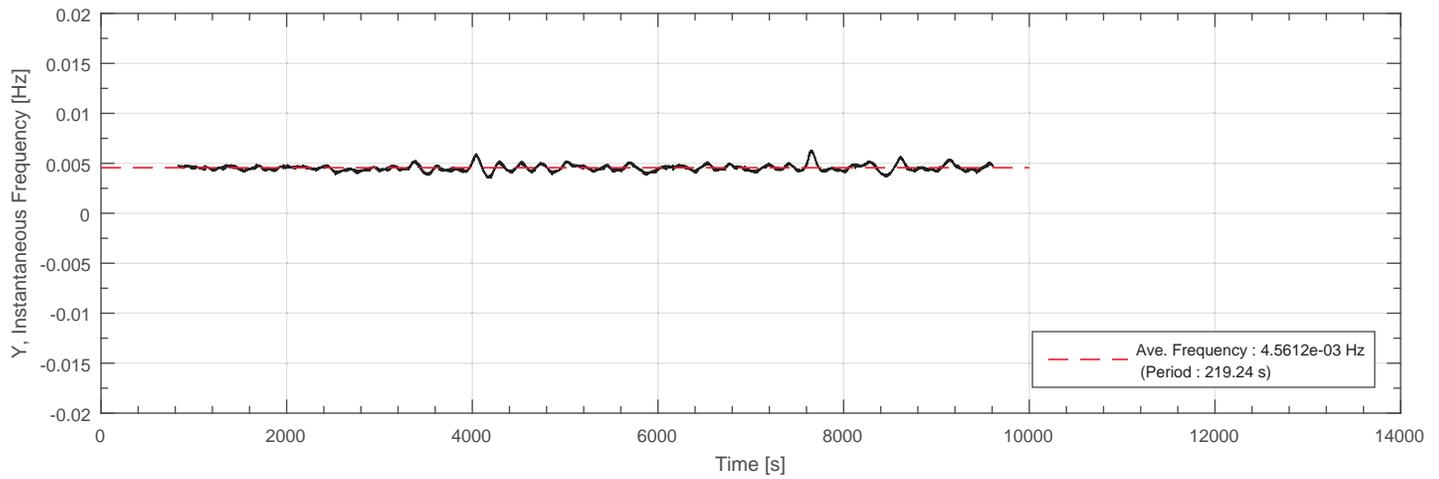
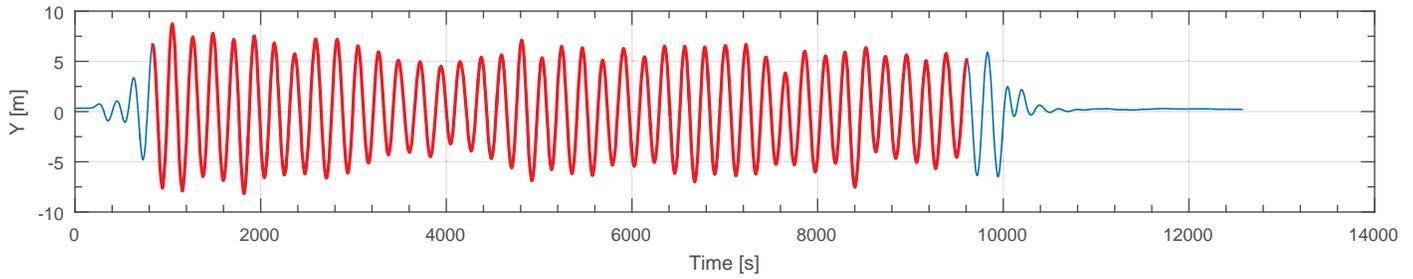
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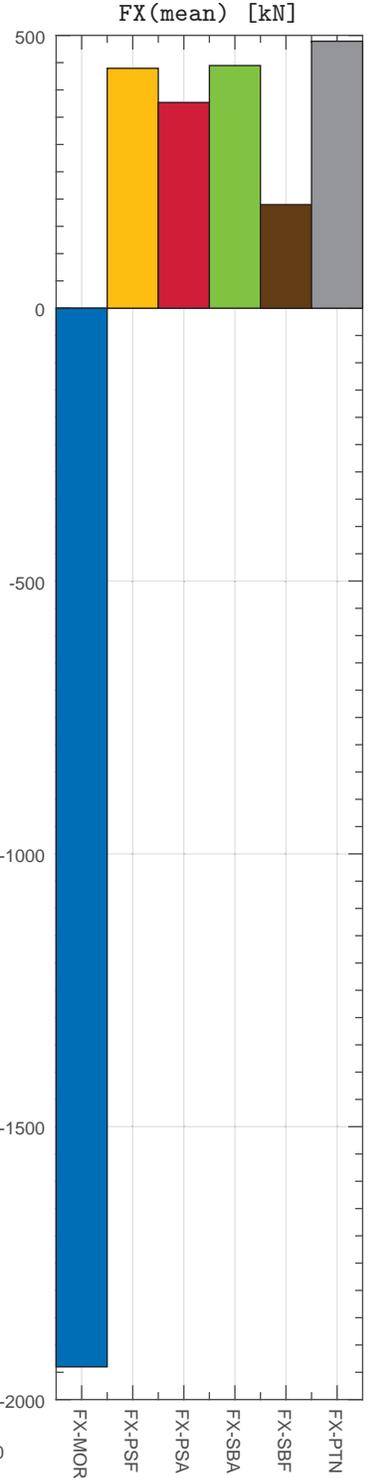
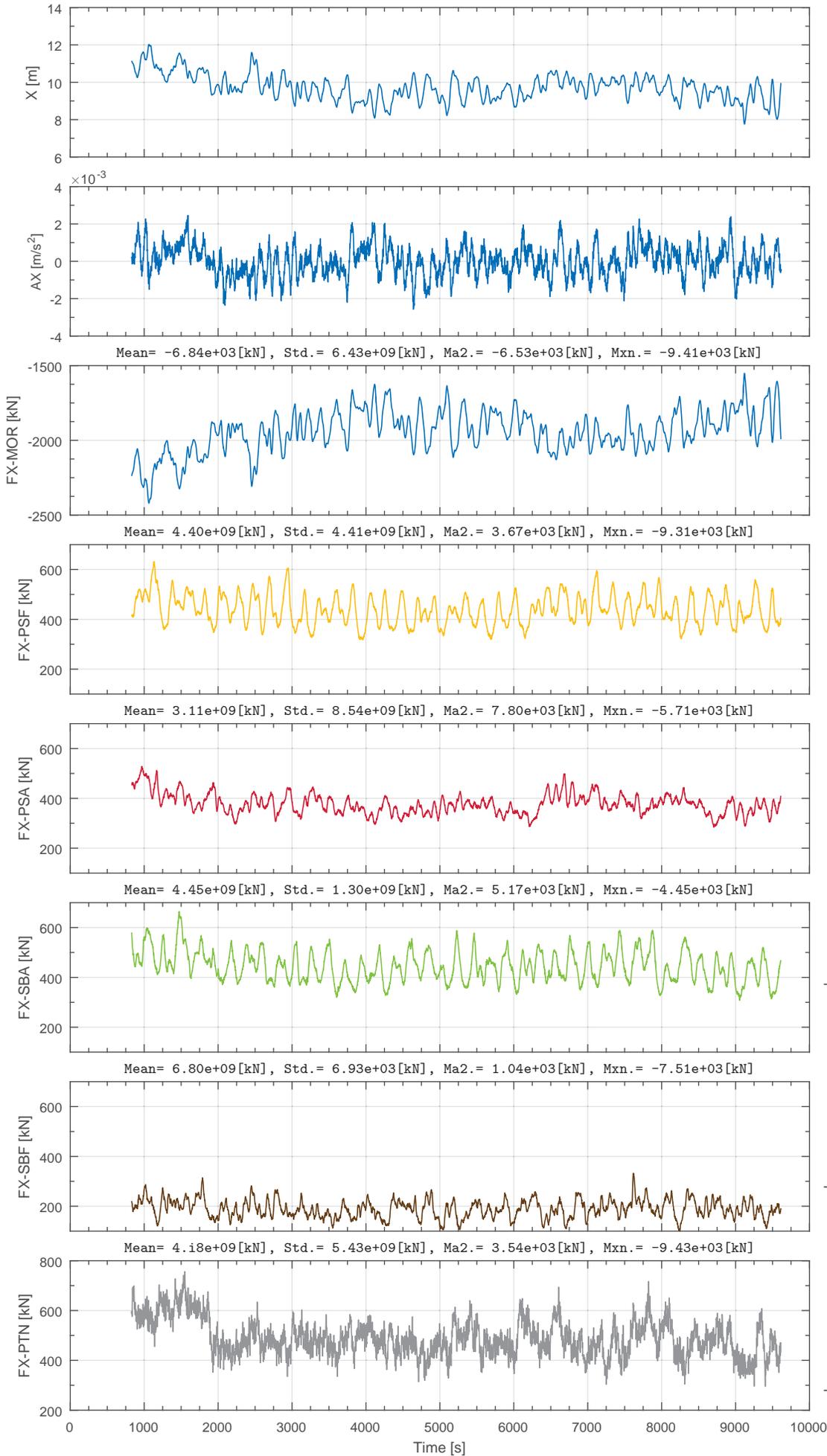
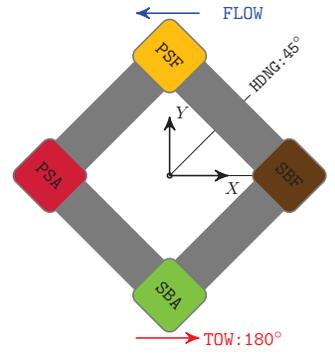
| | | |
|-------------|---|---------------|
| Ur | : | 5.00 |
| Vc (mean) | : | -0.80 m/s |
| Tow Dirn. | : | 180.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 830.23 s |
| Time, End | : | 9612.87 s |
| X, mean | : | 9.72 m |
| Y, nom. | : | 6.05 m |
| Y, max. | : | 8.45 m |
| D | : | 31.04 m |
| Anom/D | : | 0.19 |
| Amax/D | : | 0.27 |
| Yaw, max. | : | 0.44 deg |
| Yaw, min. | : | -0.92 deg |
| Damping | : | 1962.30 kNs/m |



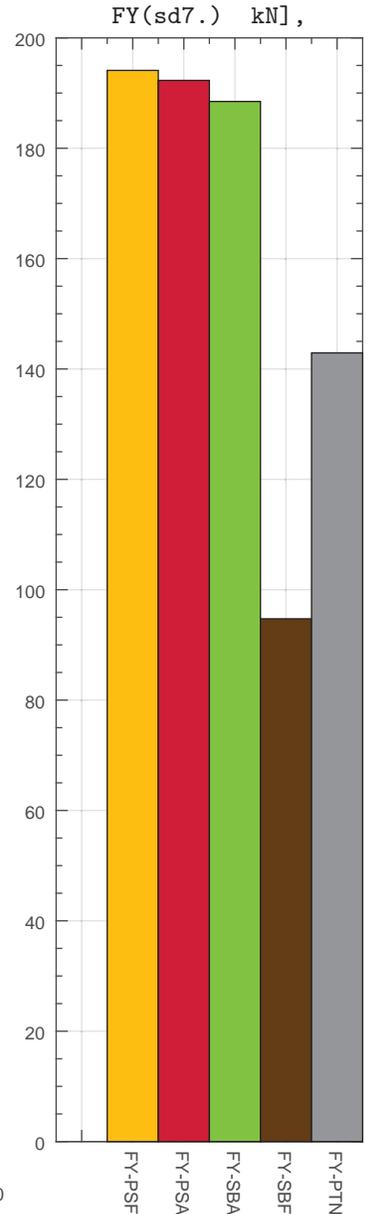
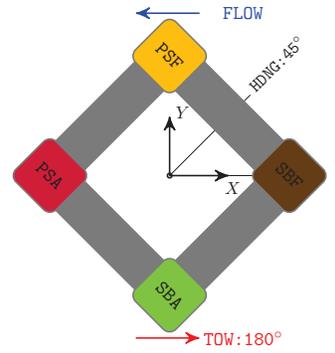
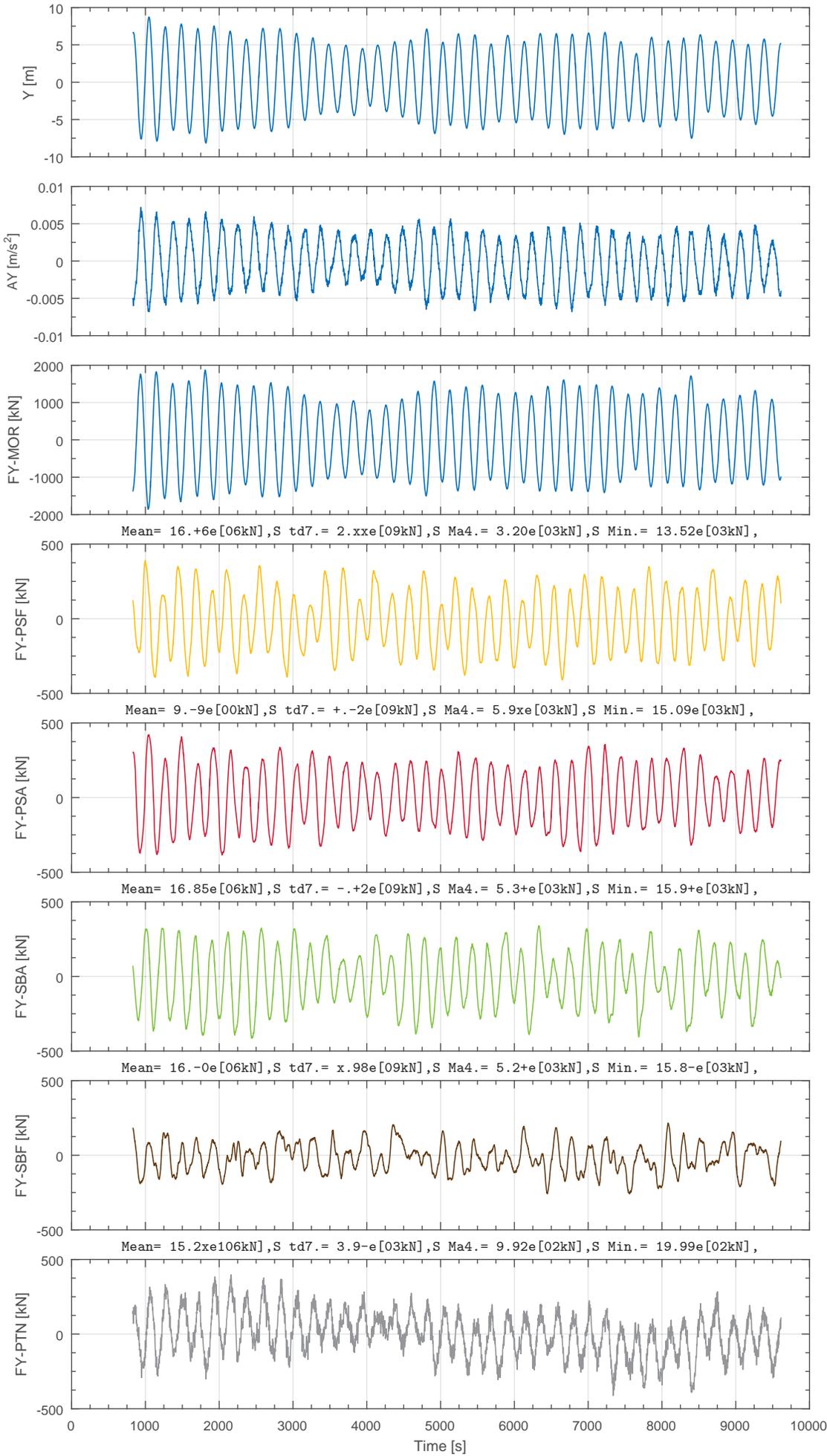
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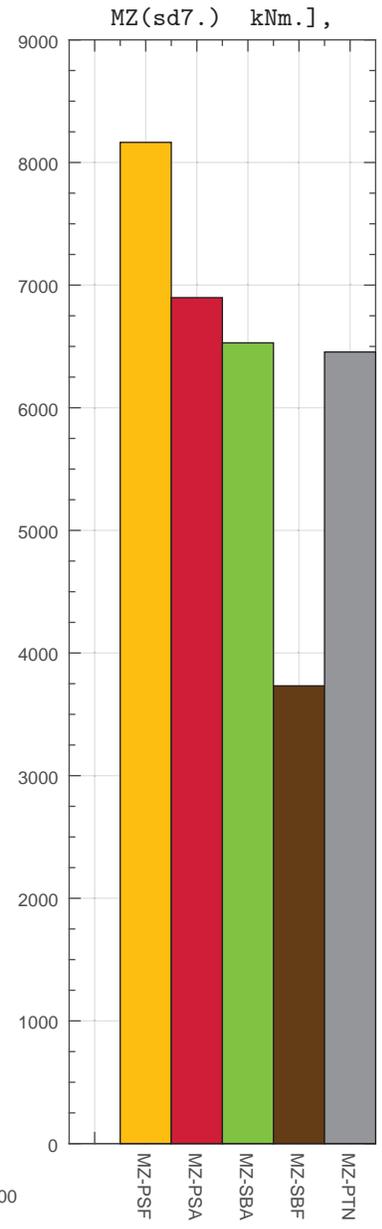
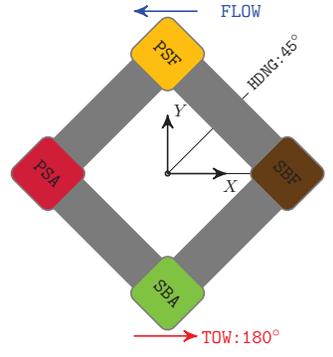
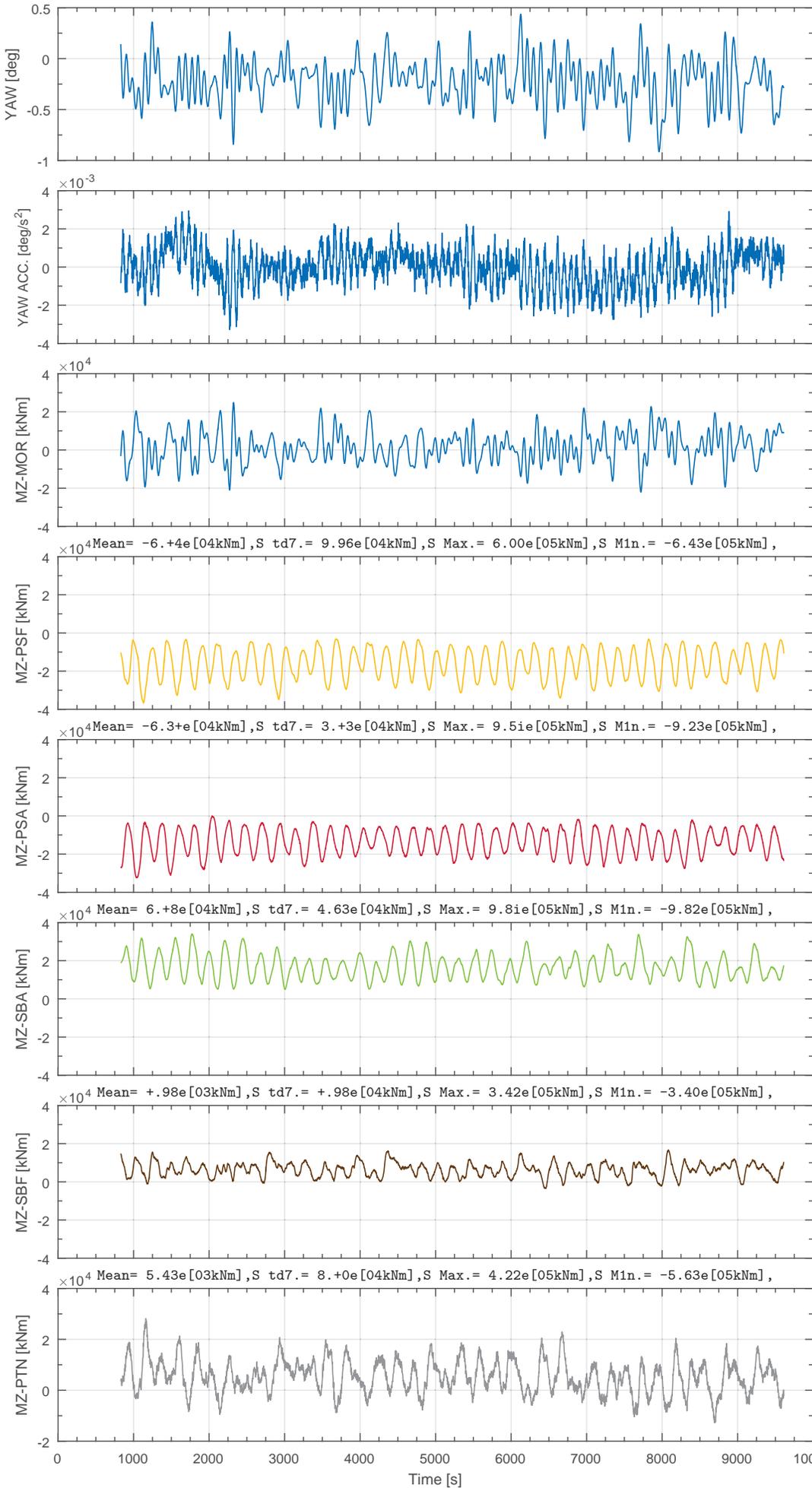
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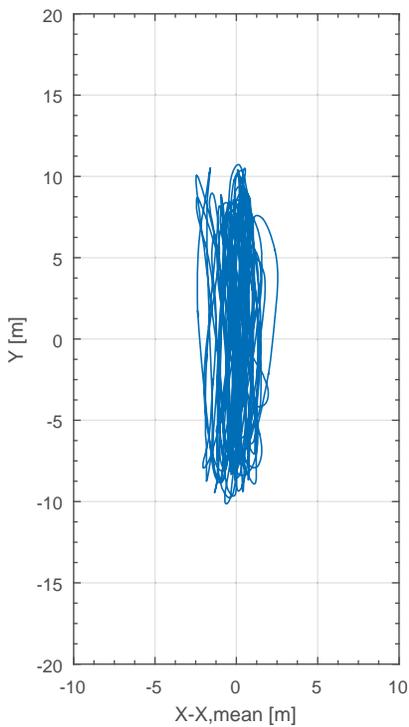
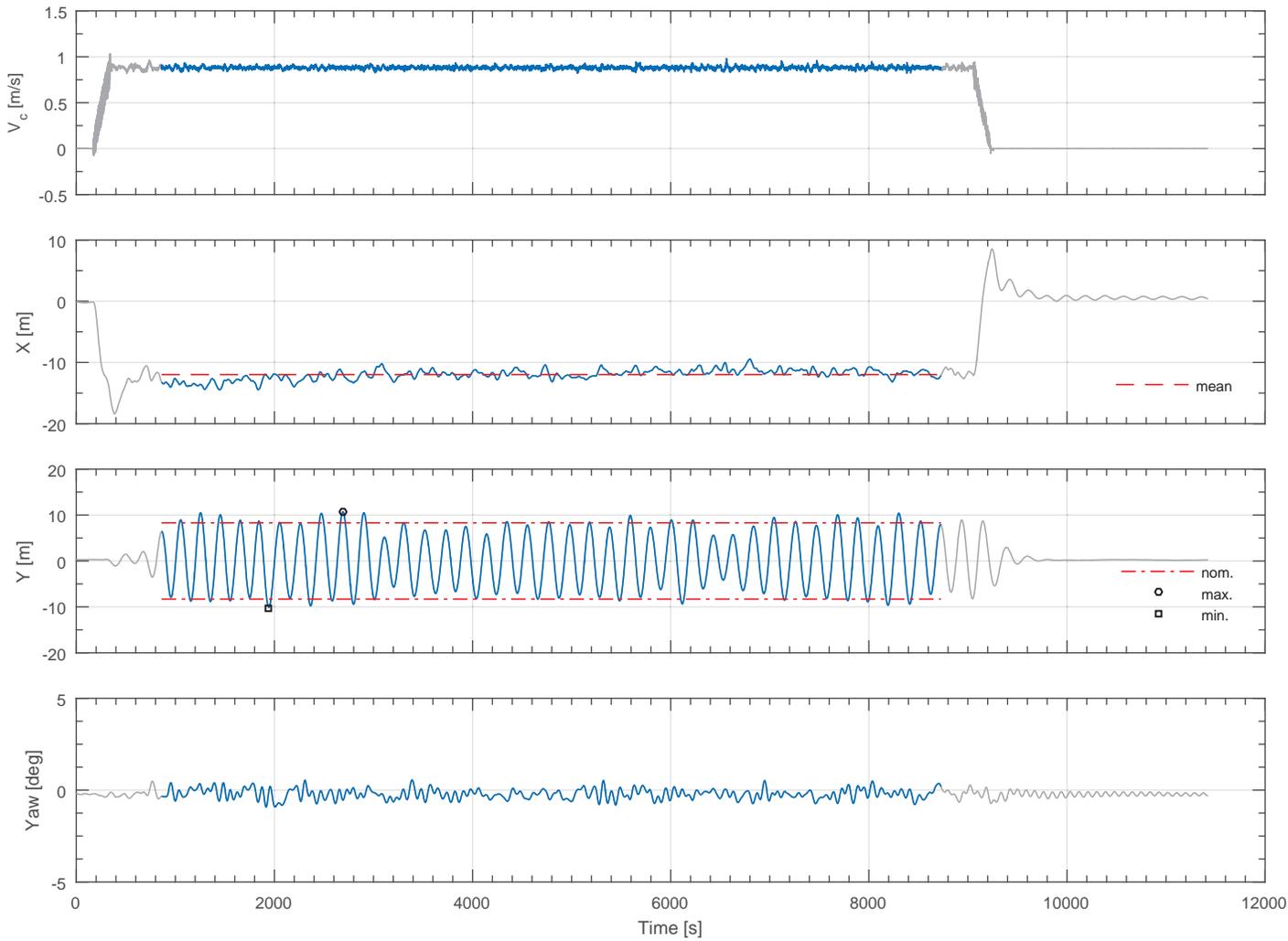
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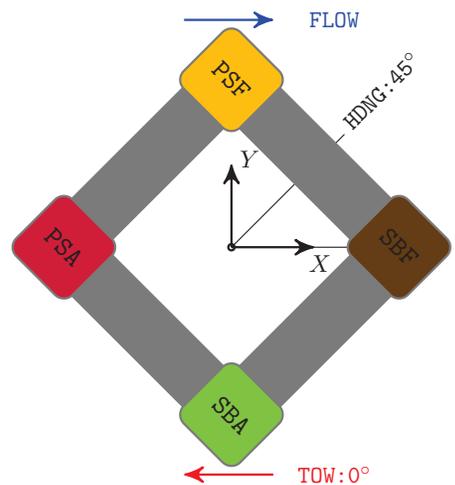
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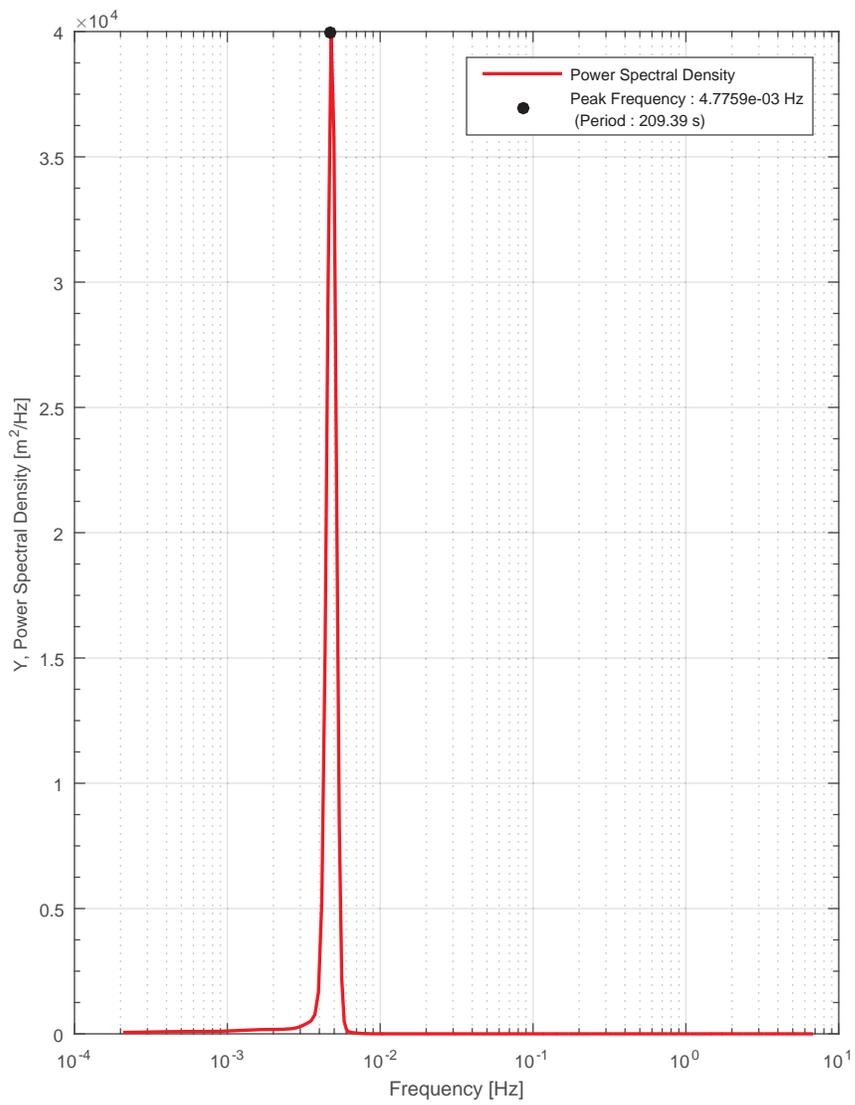
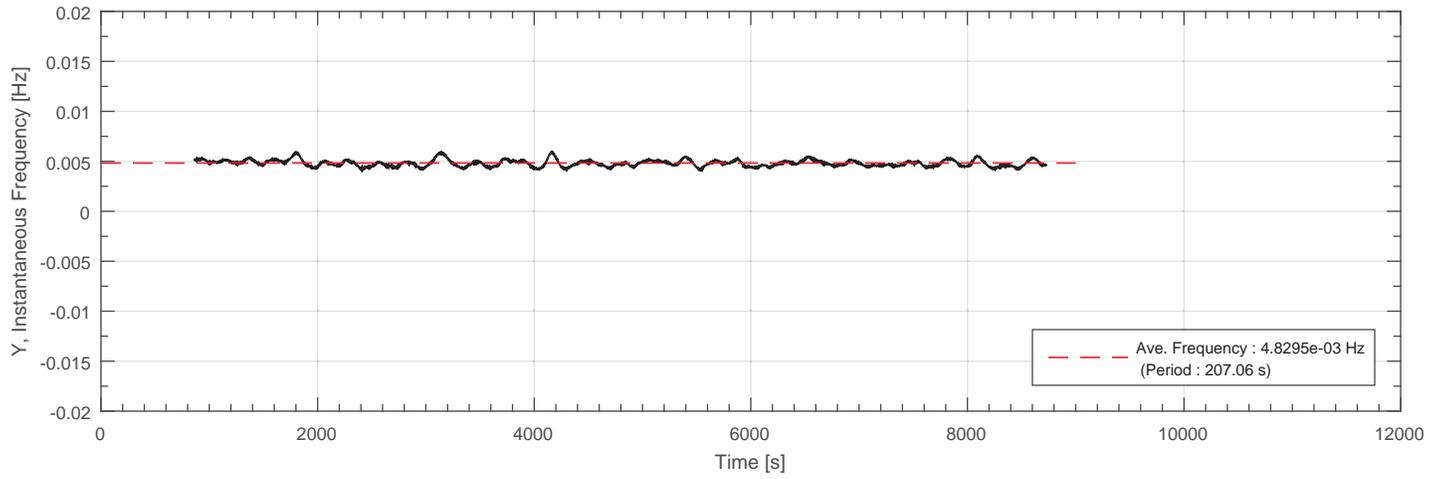
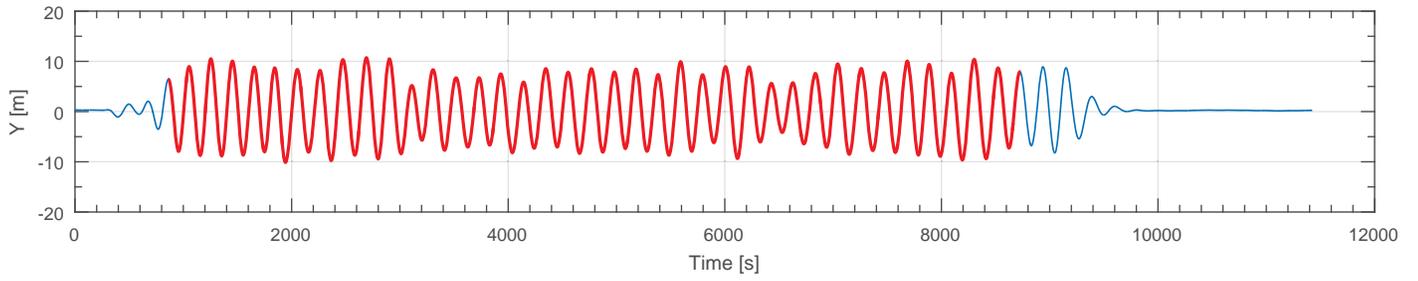
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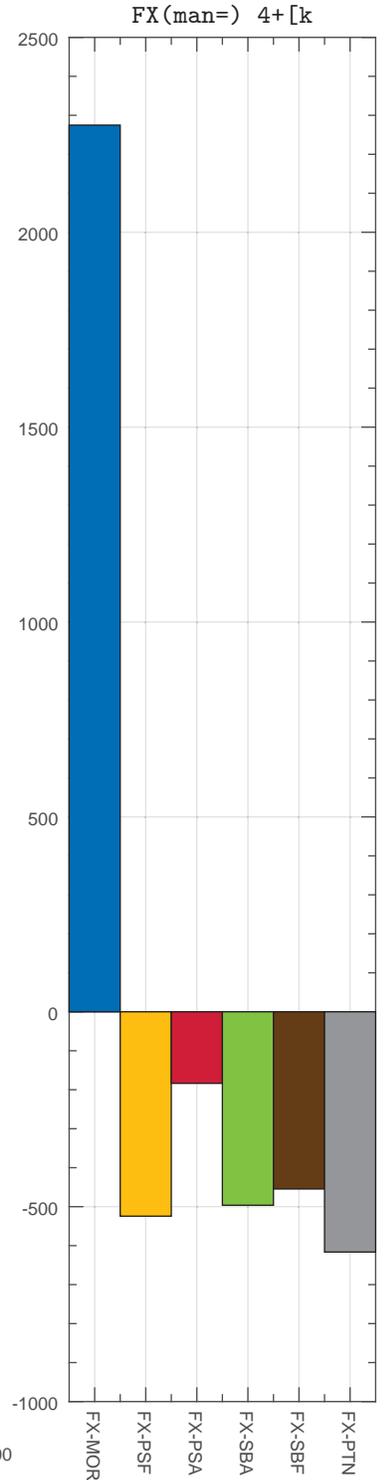
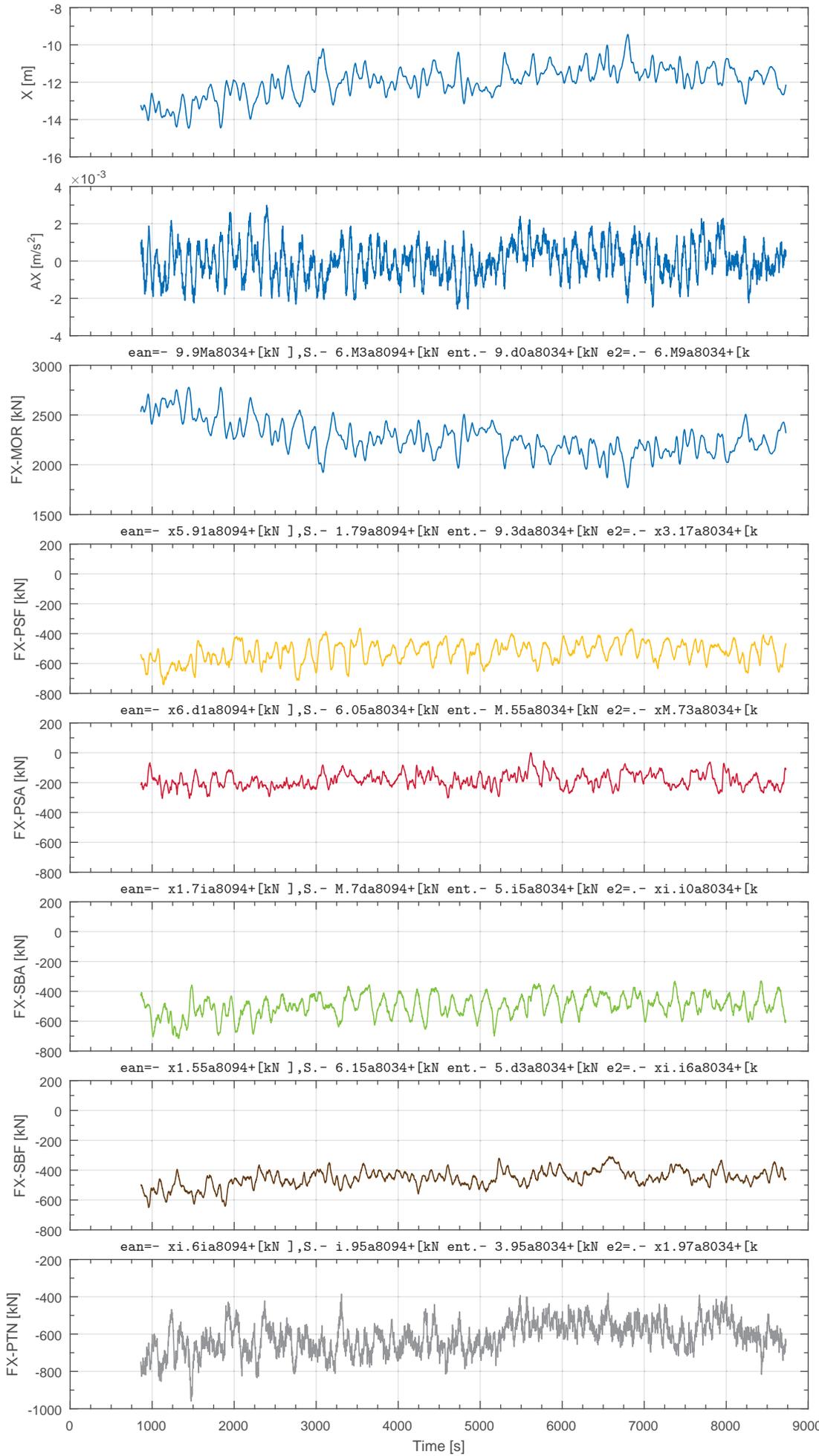
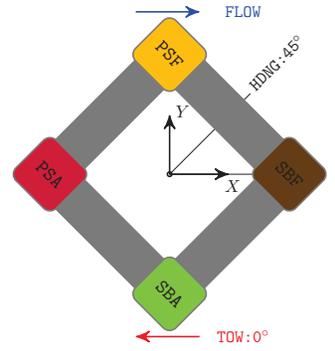
| | | |
|-------------|---|---------------|
| Ur | : | 5.50 |
| Vc (mean) | : | 0.88 m/s |
| Tow Dirn. | : | 0.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 861.39 s |
| Time, End | : | 8728.40 s |
| X, mean | : | -11.98 m |
| Y, nom. | : | 8.30 m |
| Y, max. | : | 10.43 m |
| D | : | 31.04 m |
| Anom/D | : | 0.27 |
| Amax/D | : | 0.34 |
| Yaw, max. | : | 0.56 deg |
| Yaw, min. | : | -0.93 deg |
| Damping | : | 1962.30 kNs/m |



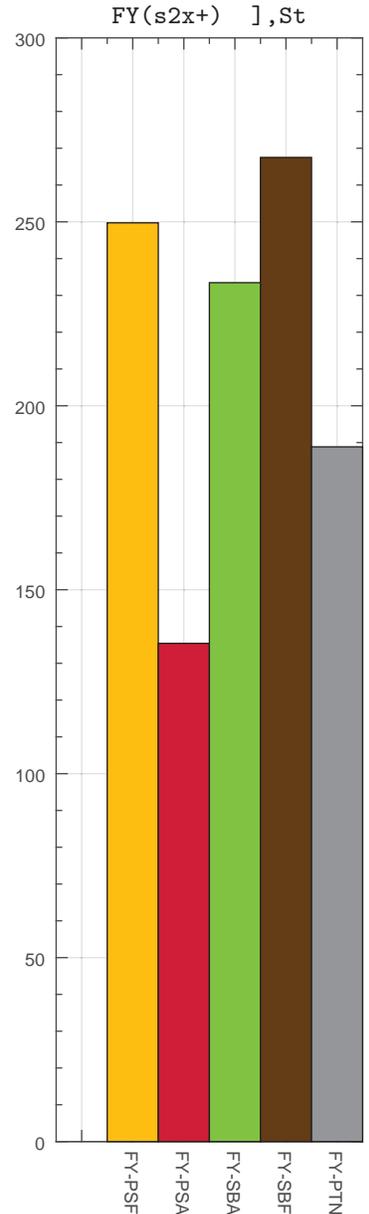
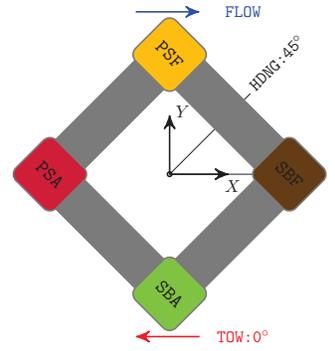
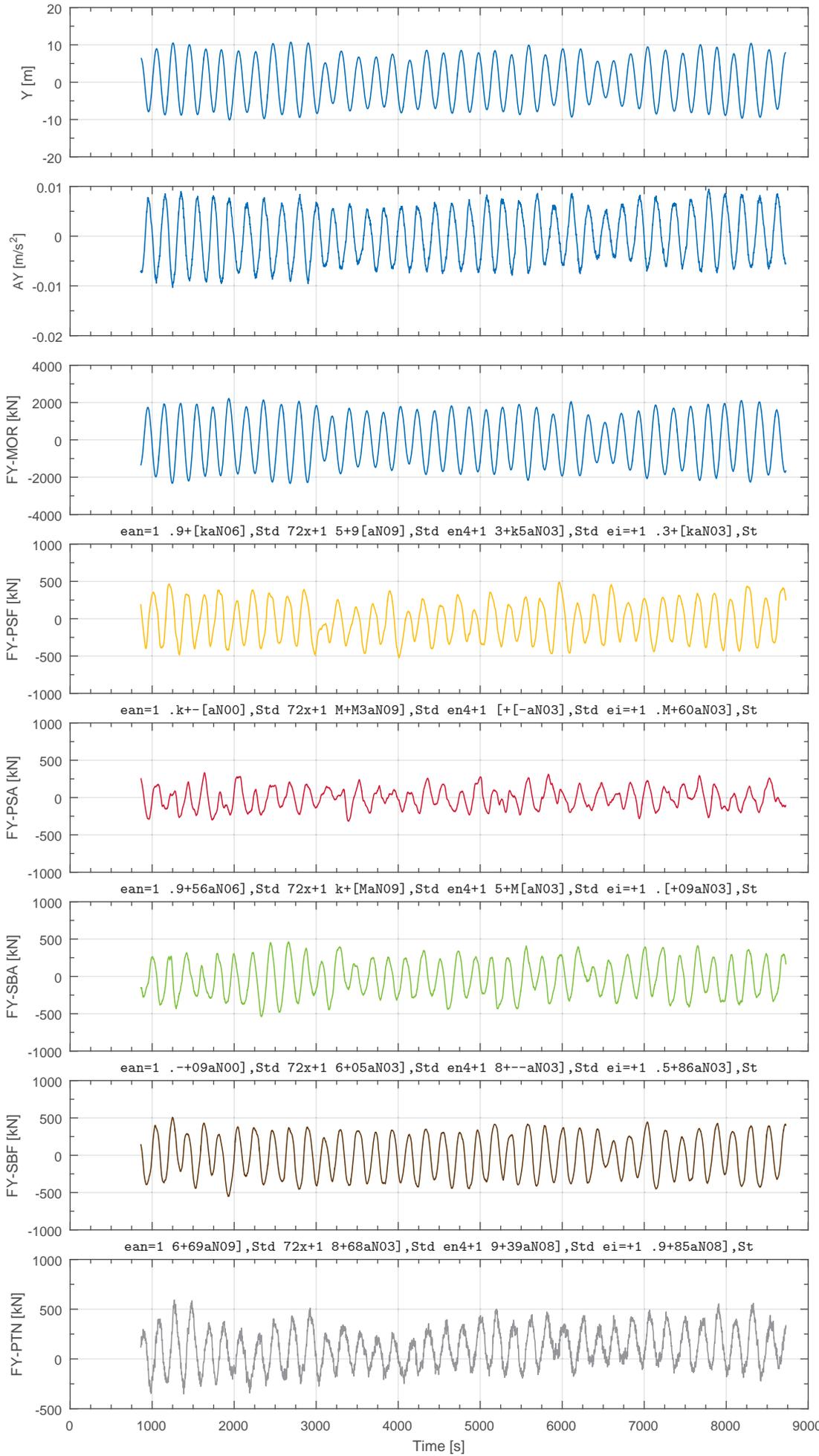
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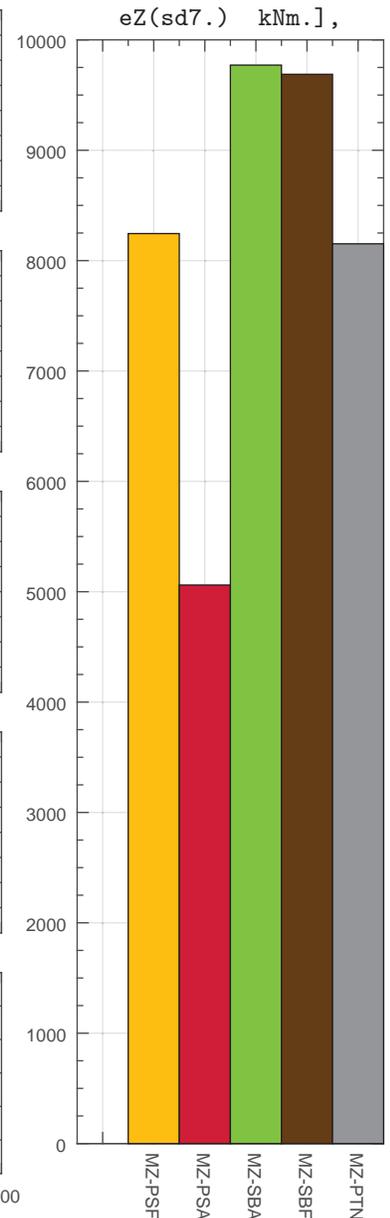
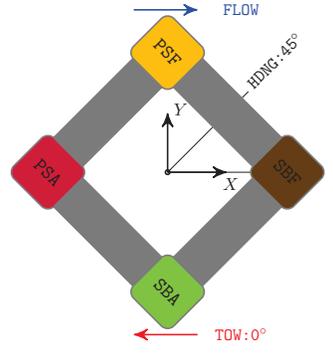
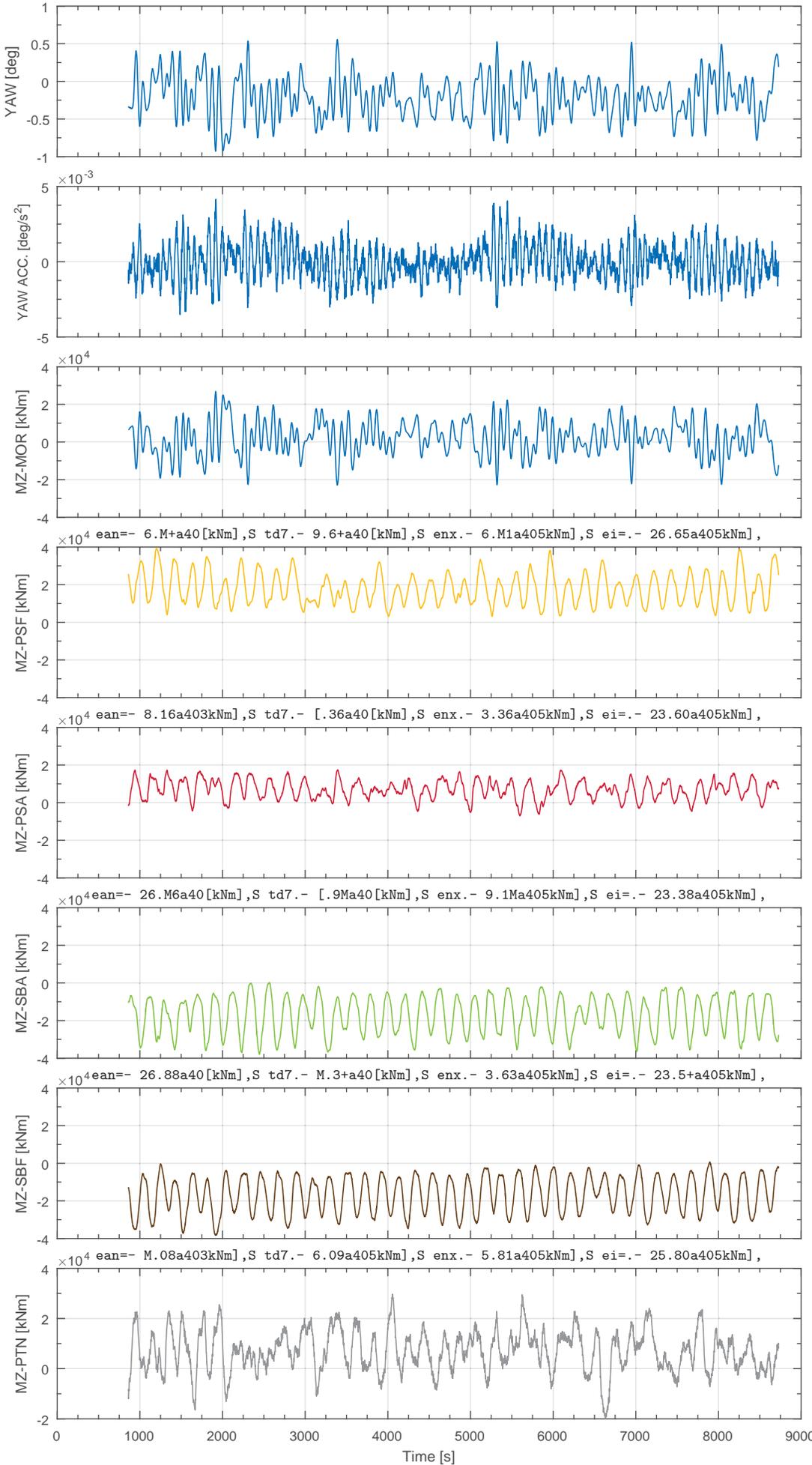
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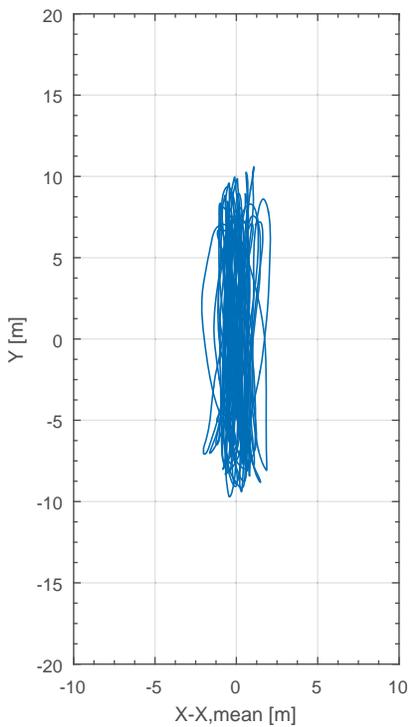
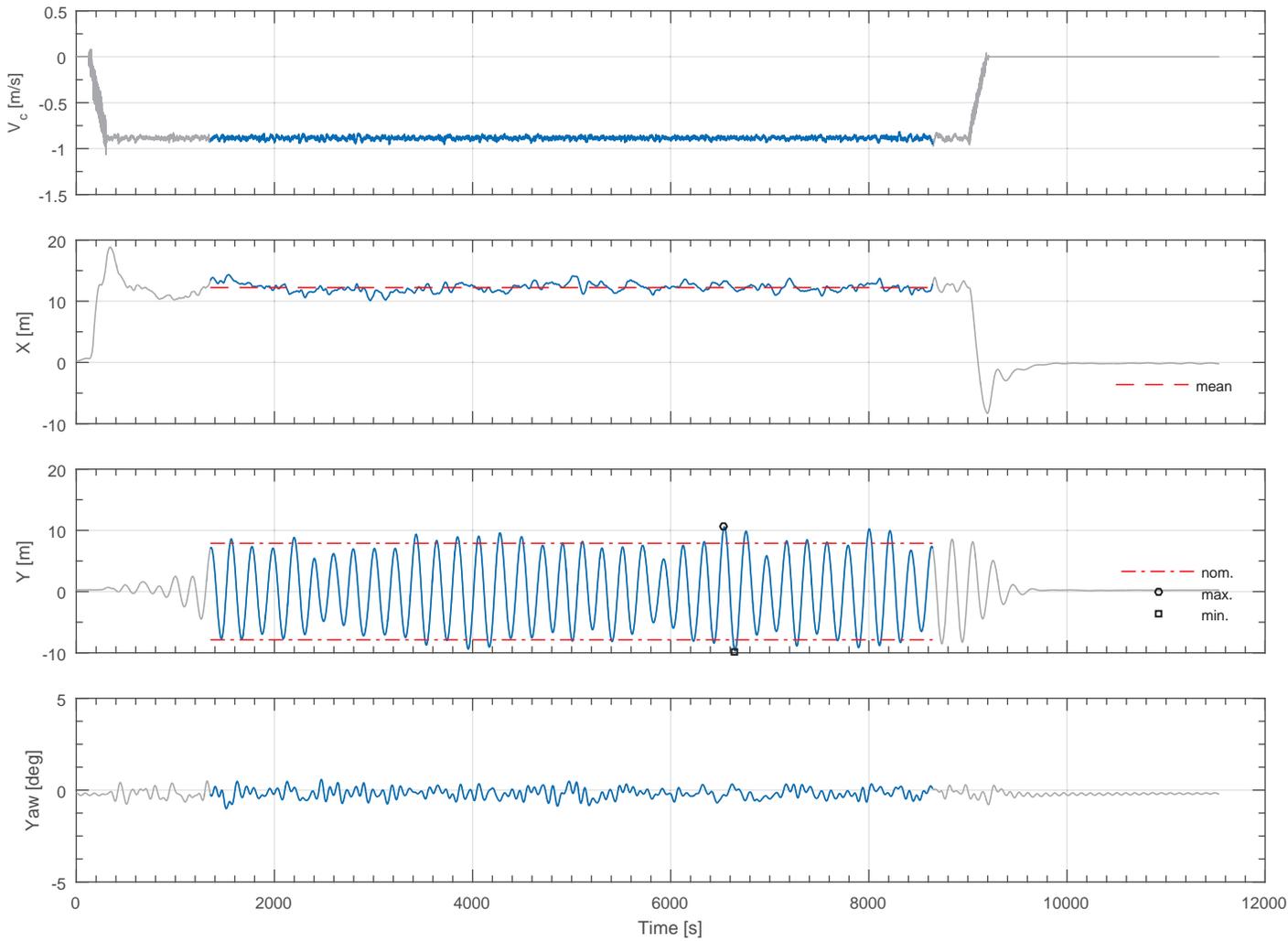
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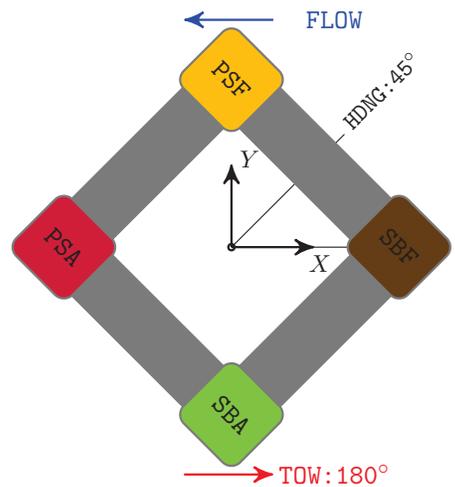
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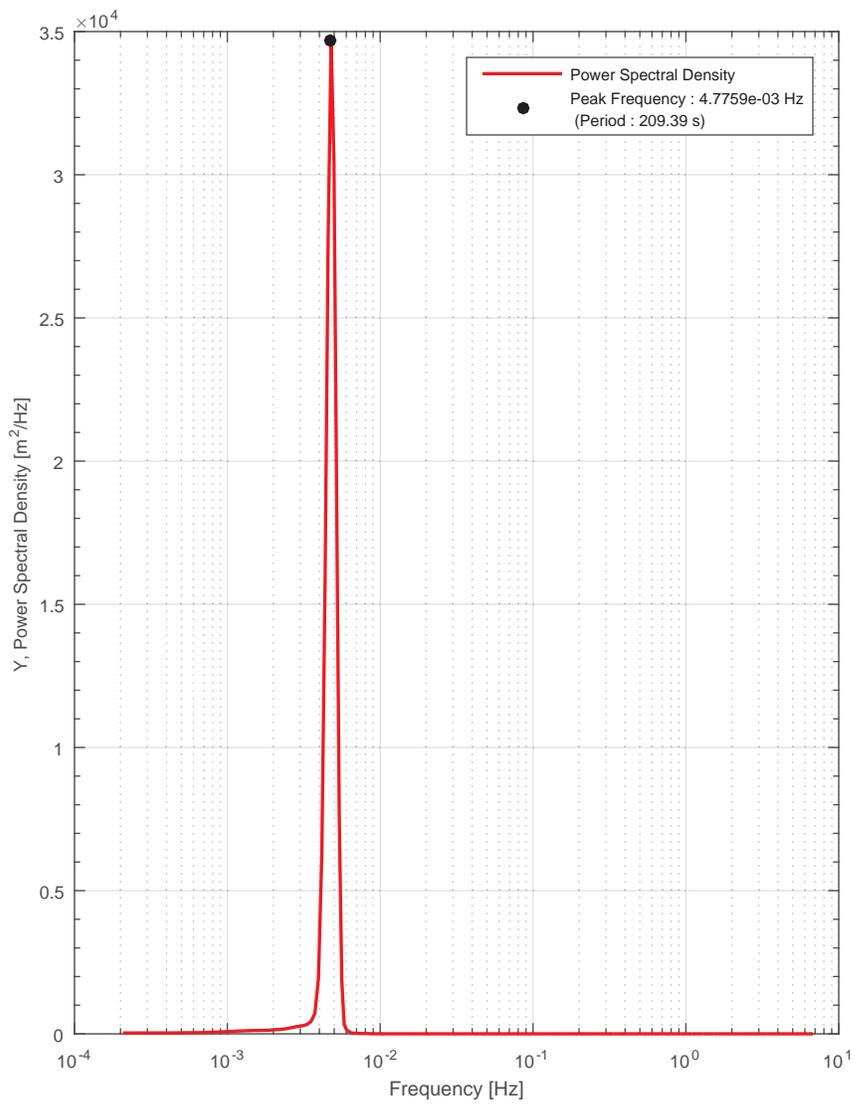
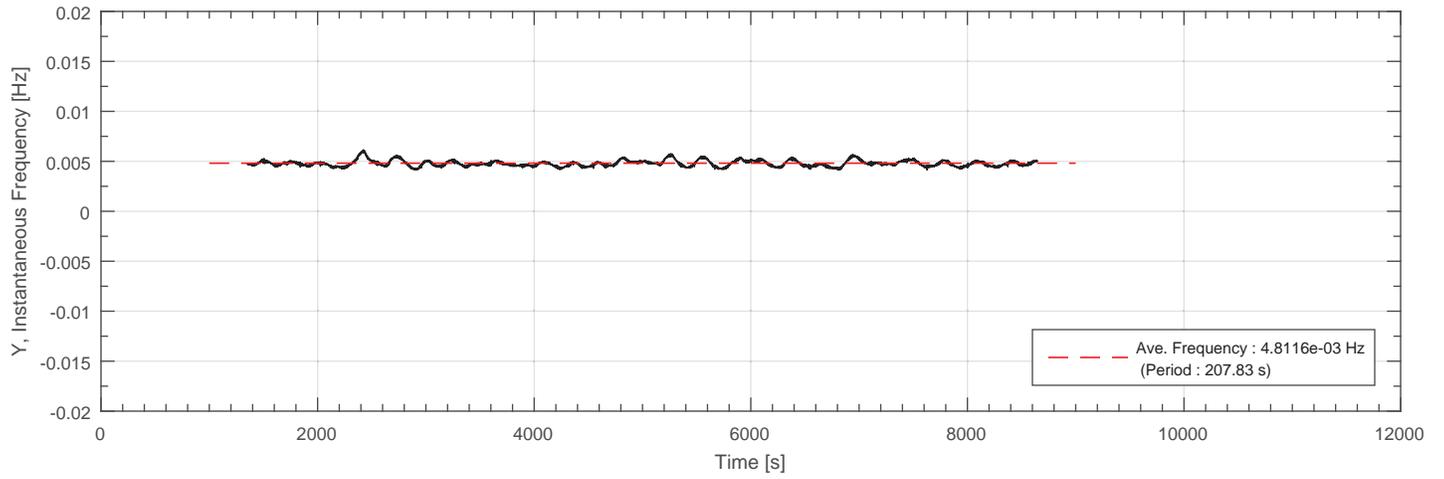
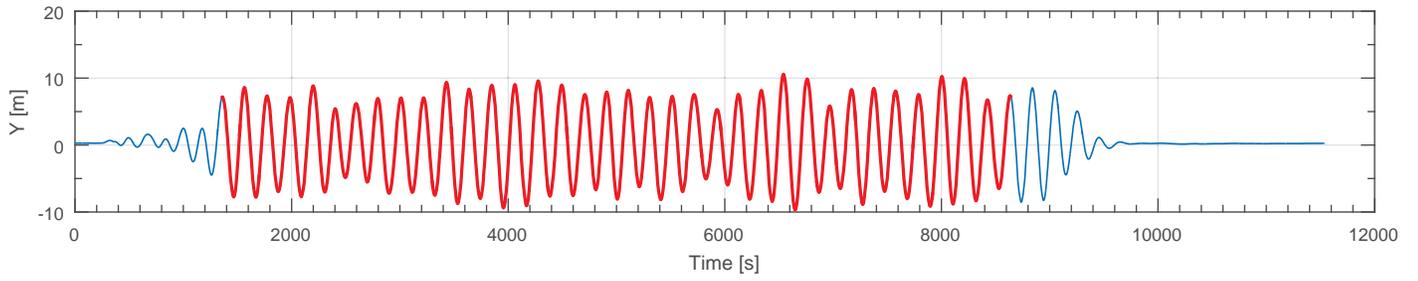
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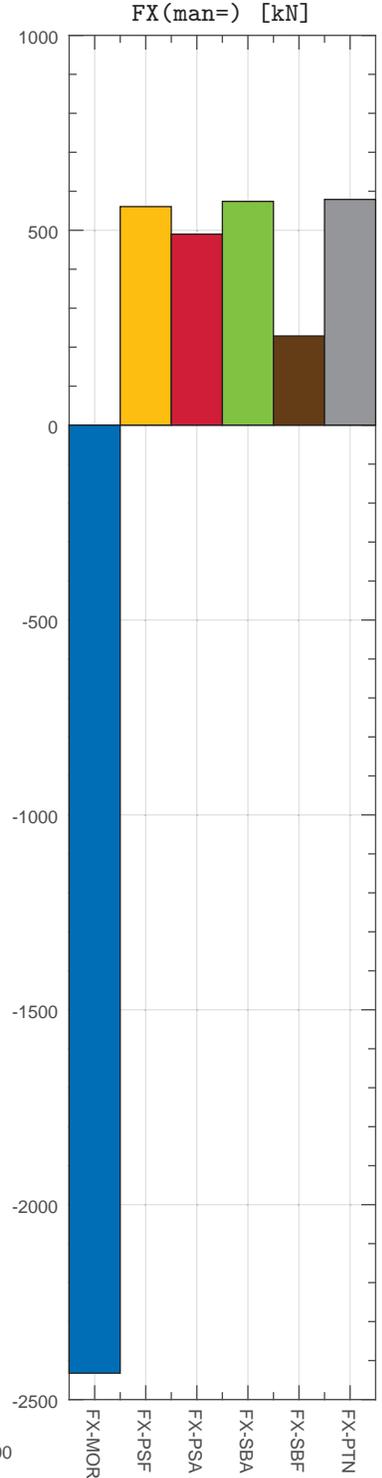
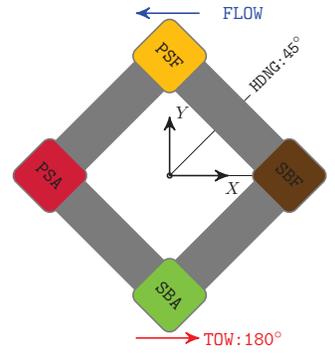
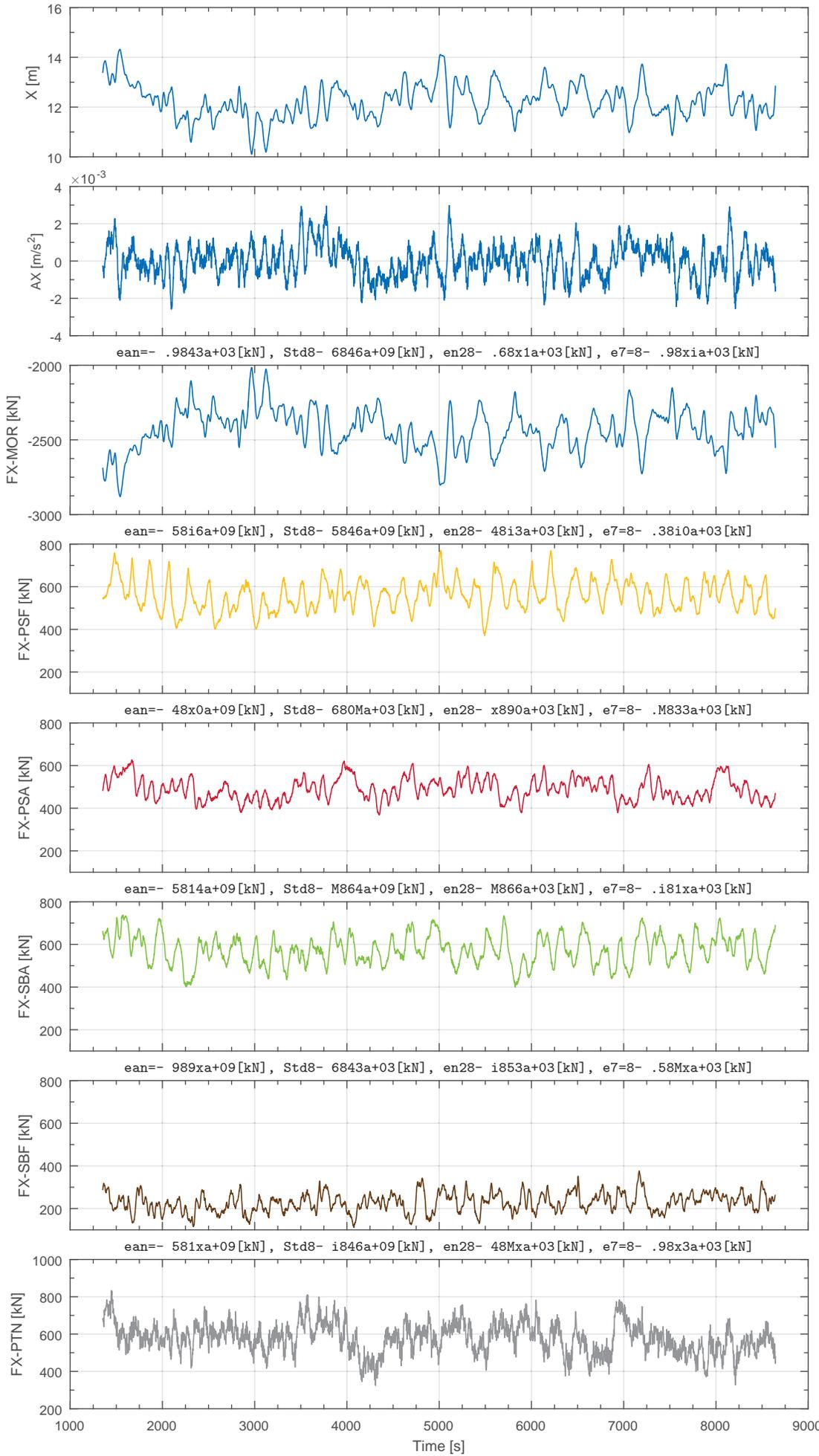
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|-------------|---|---------------|
| Ur | : | 5.50 |
| Vc (mean) | : | -0.89 m/s |
| Tow Dirn. | : | 180.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 1353.23 s |
| Time, End | : | 8644.70 s |
| X, mean | : | 12.23 m |
| Y, nom. | : | 7.88 m |
| Y, max. | : | 10.15 m |
| D | : | 31.04 m |
| Anom/D | : | 0.25 |
| Amax/D | : | 0.33 |
| Yaw, max. | : | 0.58 deg |
| Yaw, min. | : | -1.01 deg |
| Damping | : | 1962.30 kNs/m |



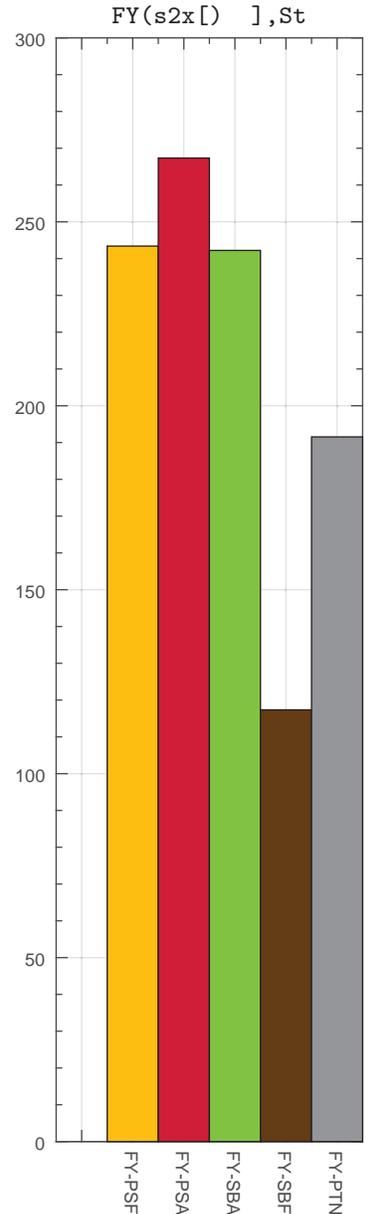
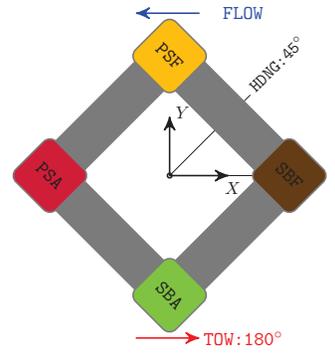
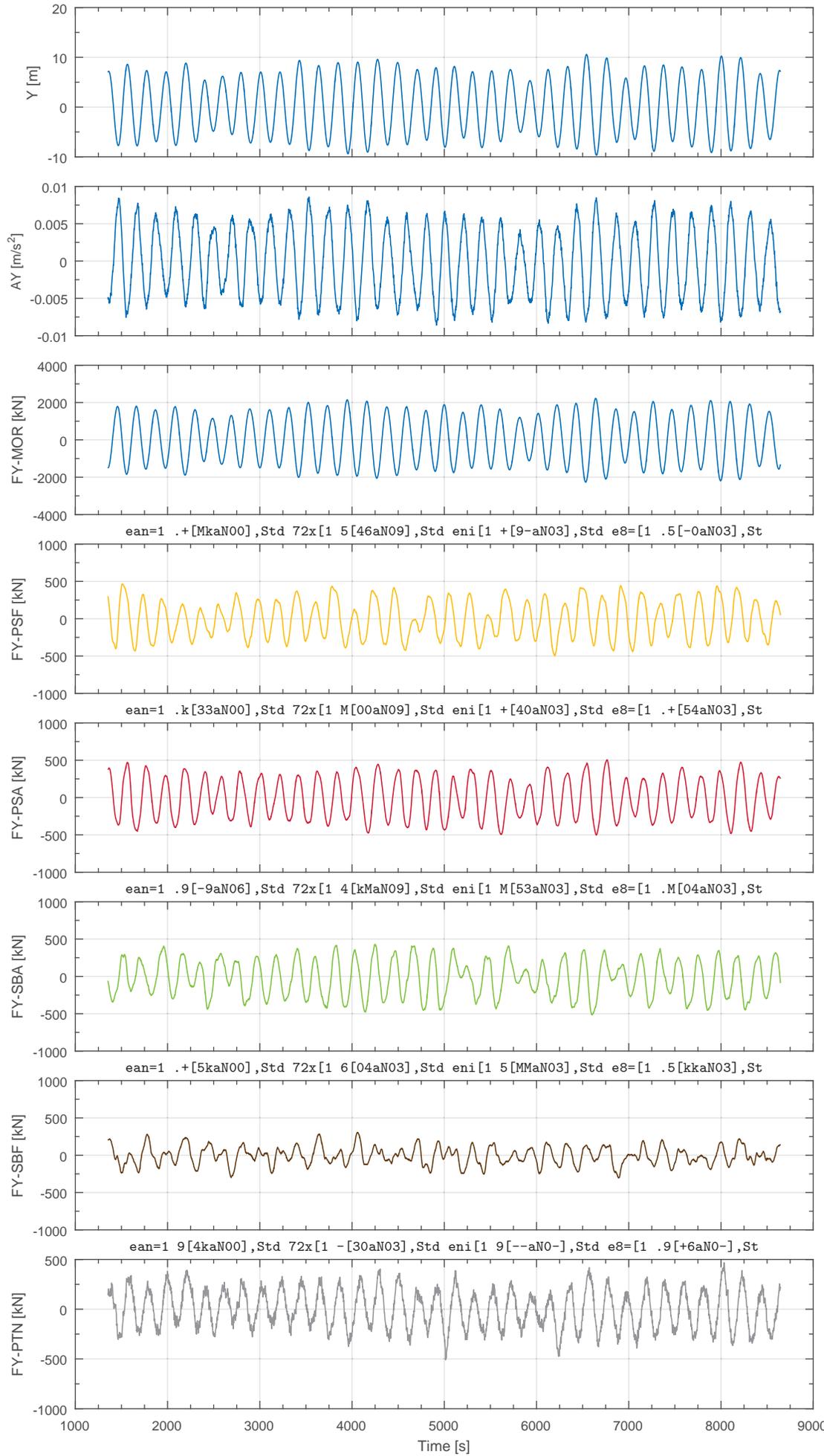
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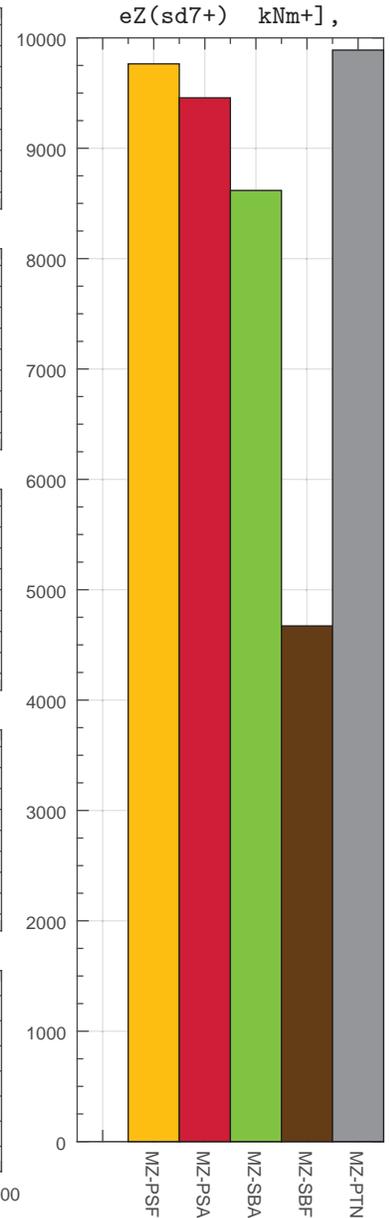
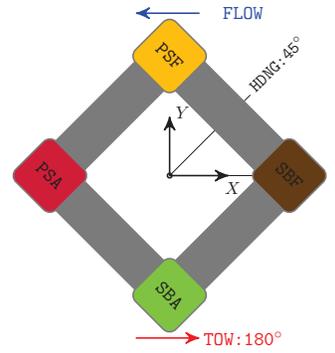
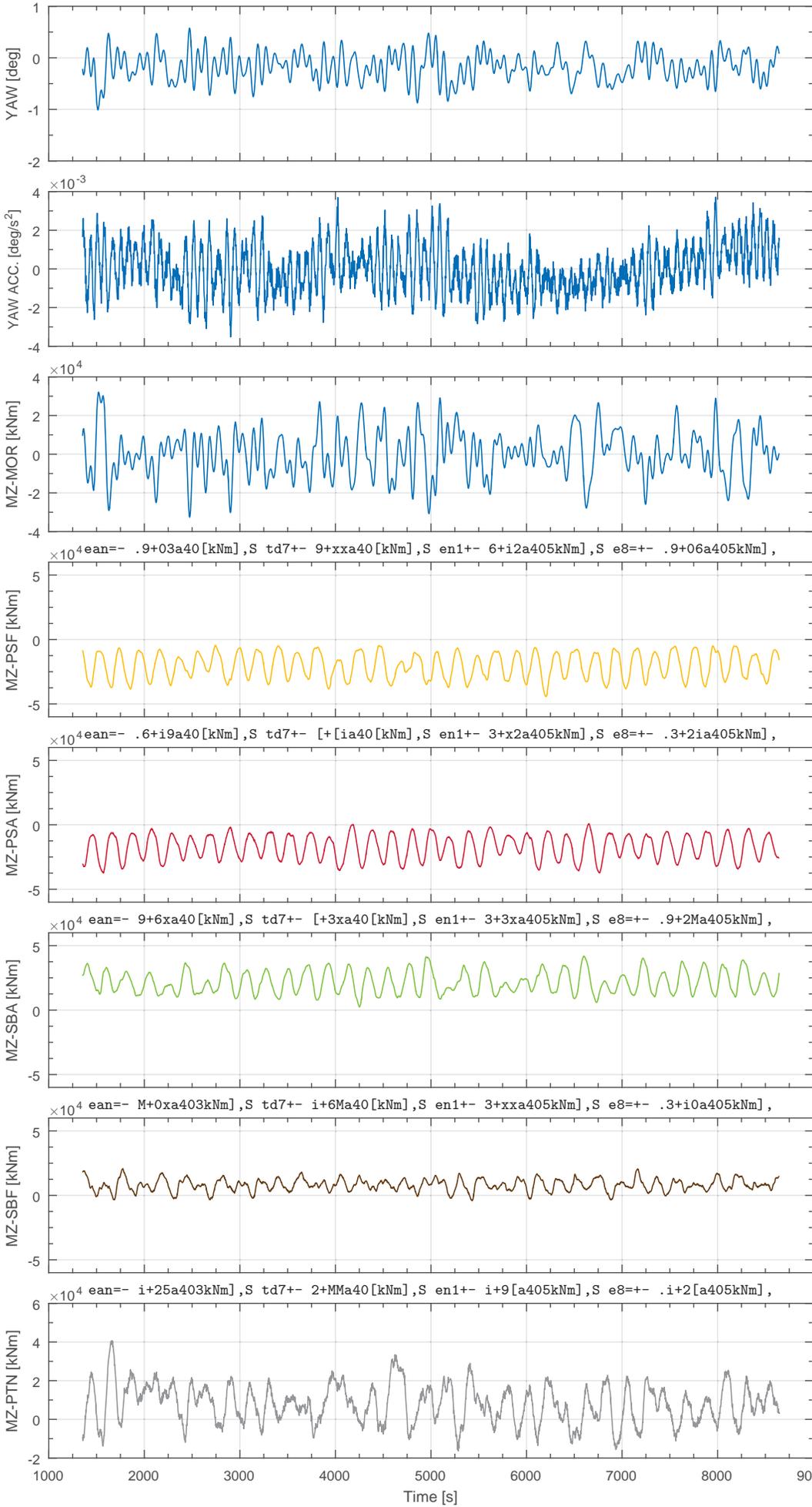
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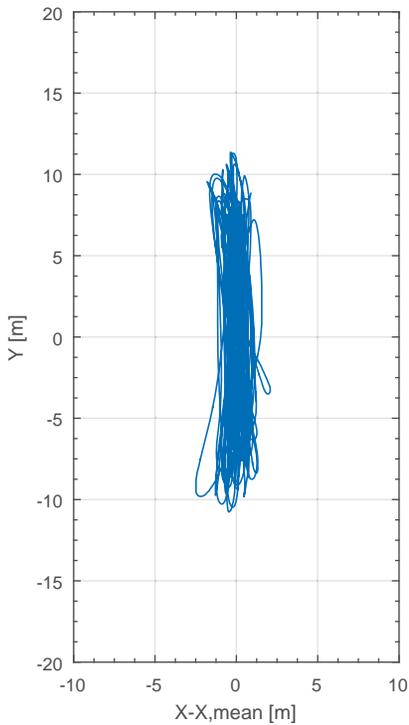
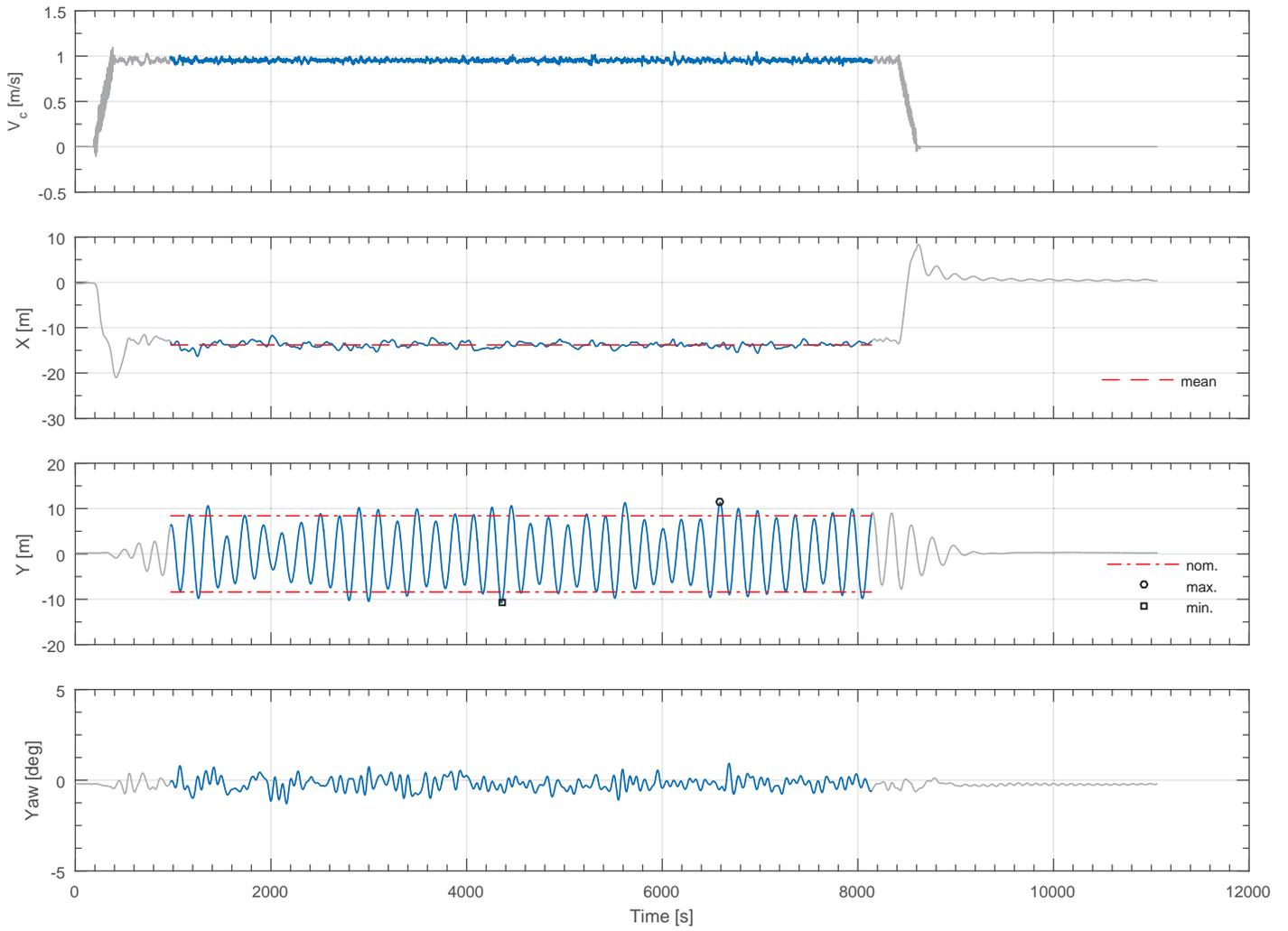
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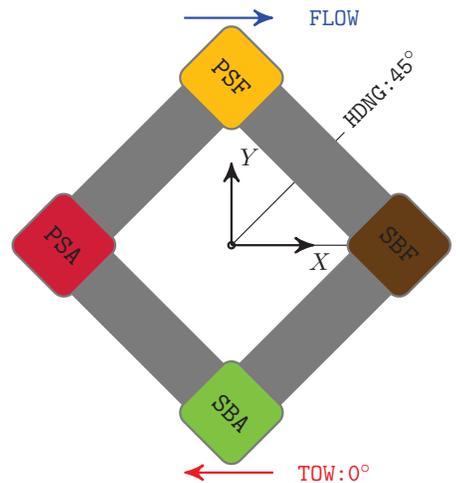
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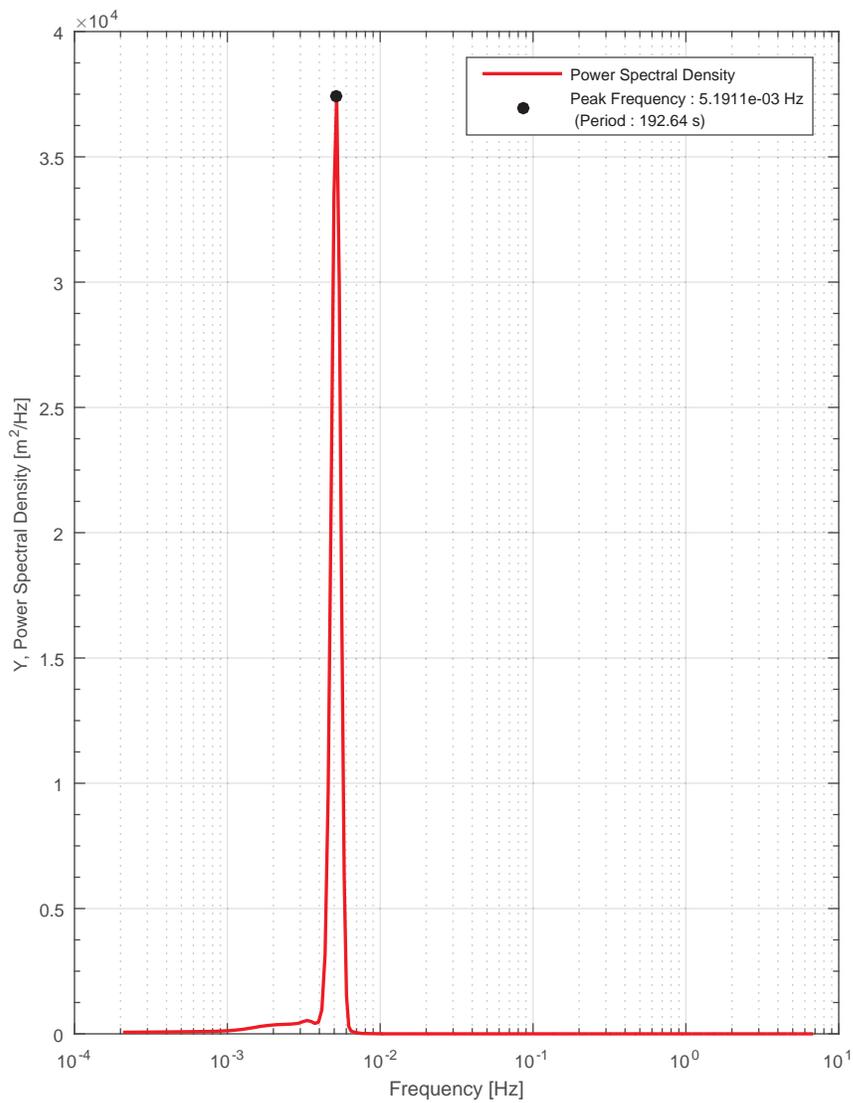
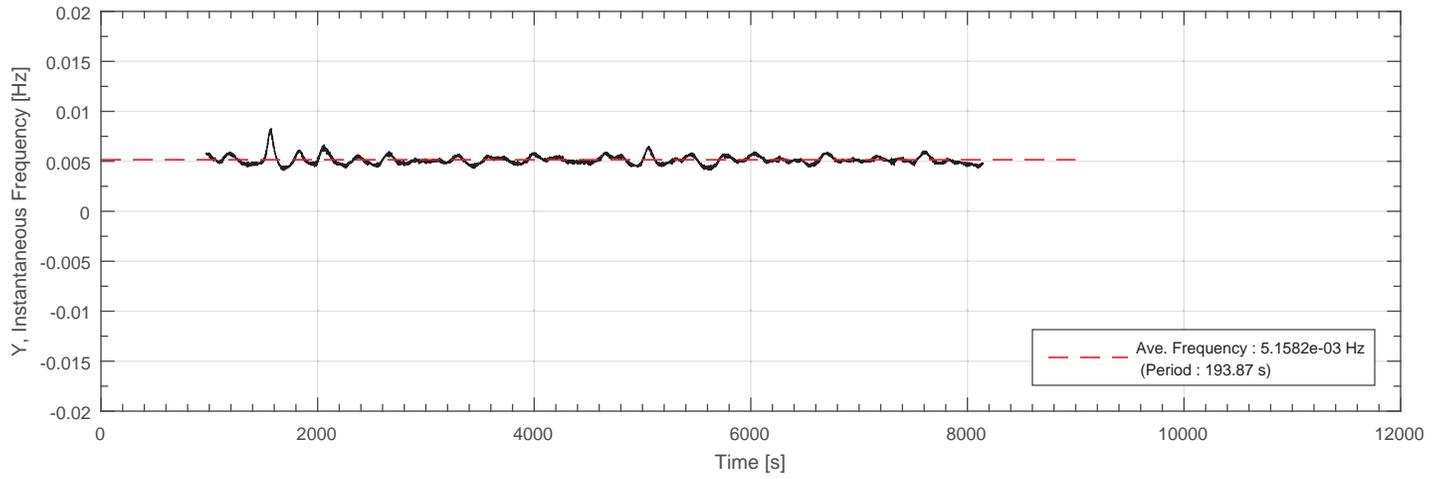
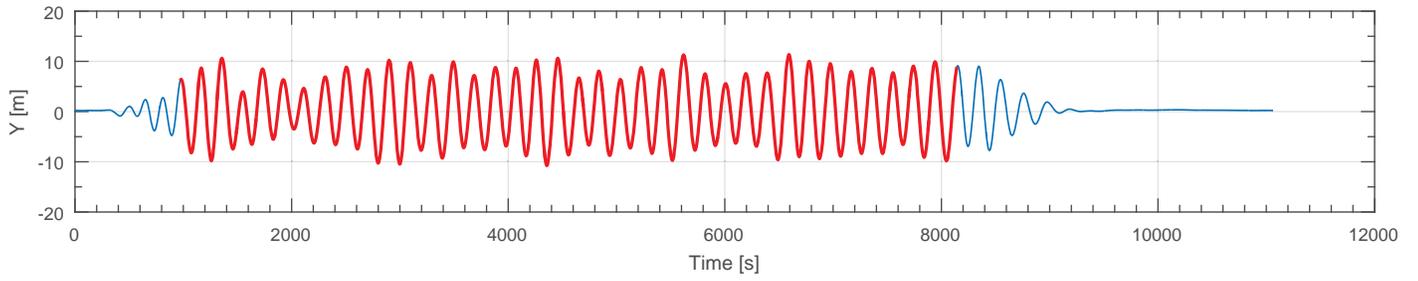
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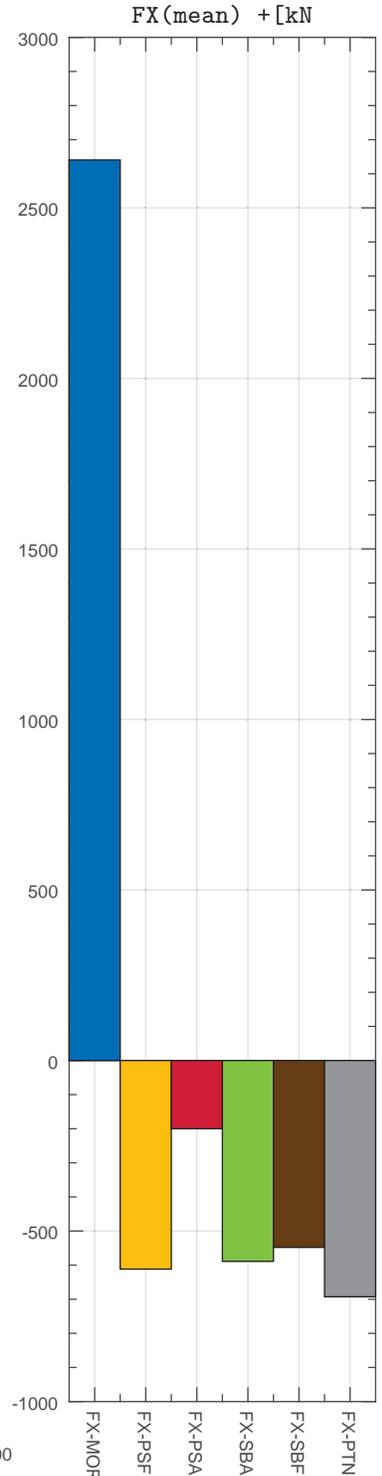
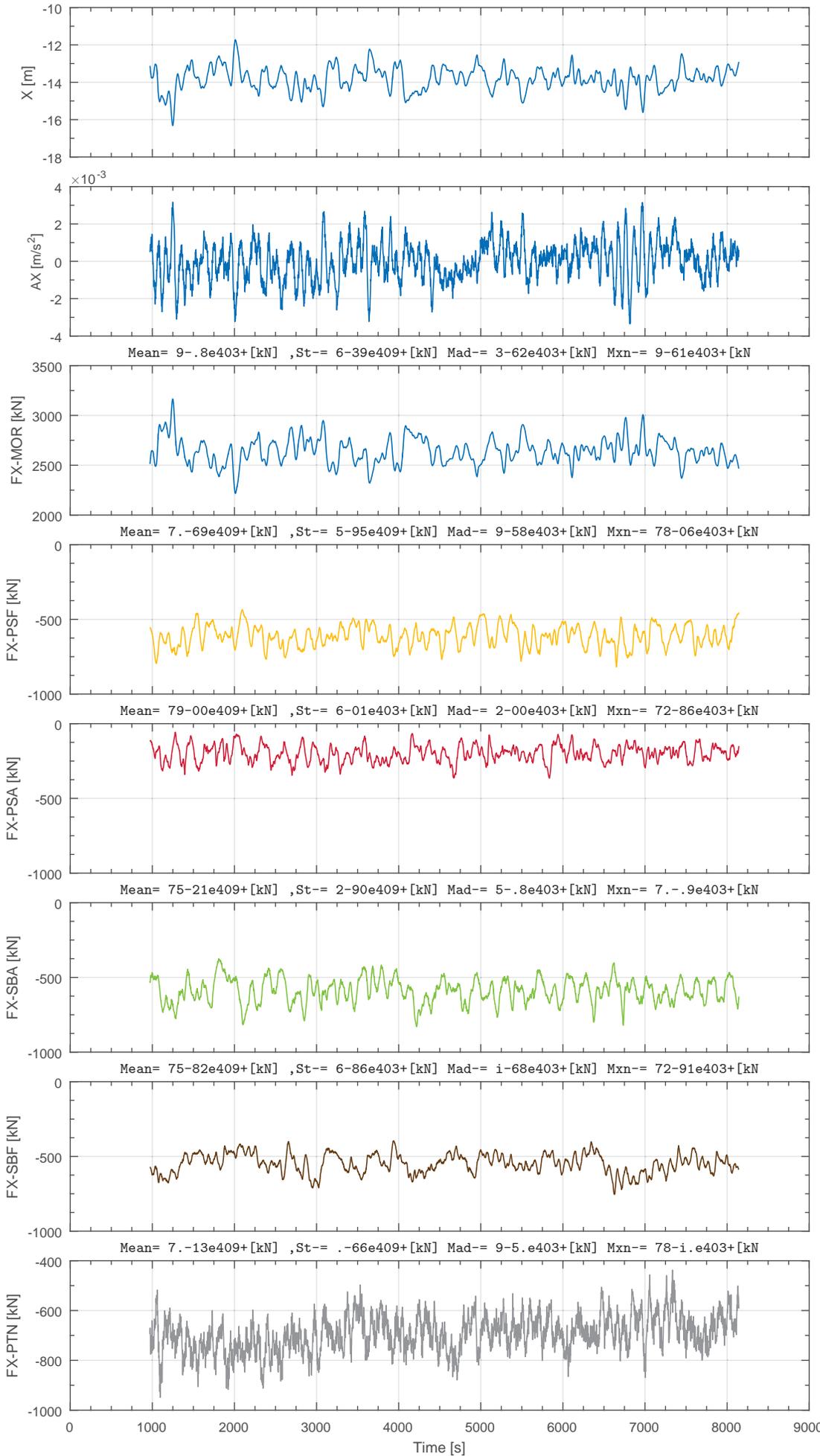
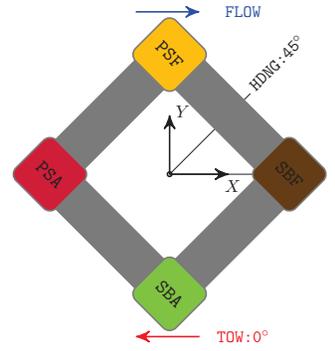
| | | |
|-------------|---|---------------|
| Ur | : | 6.00 |
| Vc (mean) | : | 0.95 m/s |
| Tow Dirn. | : | 0.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 971.69 s |
| Time, End | : | 8143.24 s |
| X, mean | : | -13.81 m |
| Y, nom. | : | 8.41 m |
| Y, max. | : | 11.06 m |
| D | : | 31.04 m |
| Anom/D | : | 0.27 |
| Amax/D | : | 0.36 |
| Yaw, max. | : | 0.93 deg |
| Yaw, min. | : | -1.30 deg |
| Damping | : | 1962.30 kNs/m |



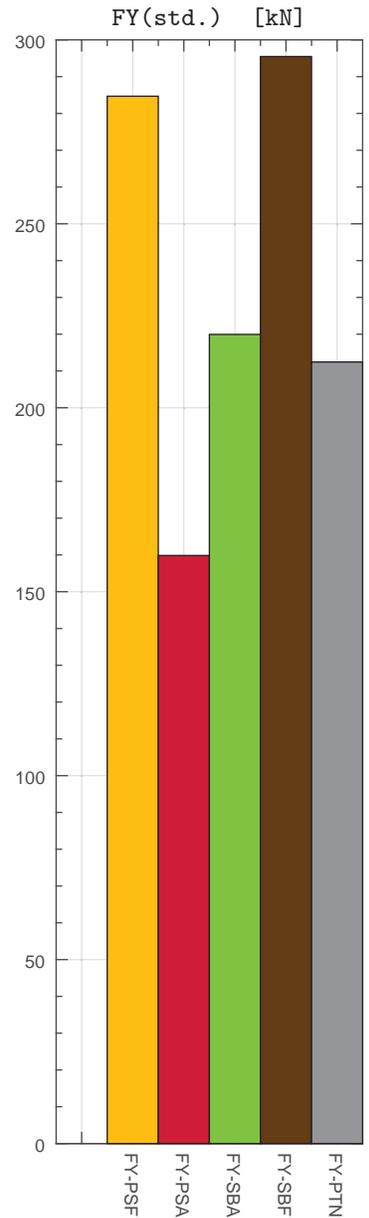
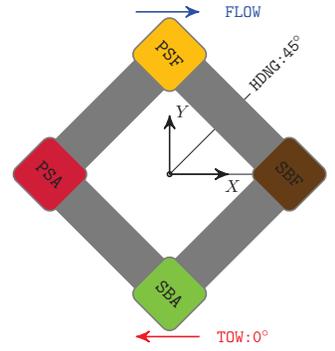
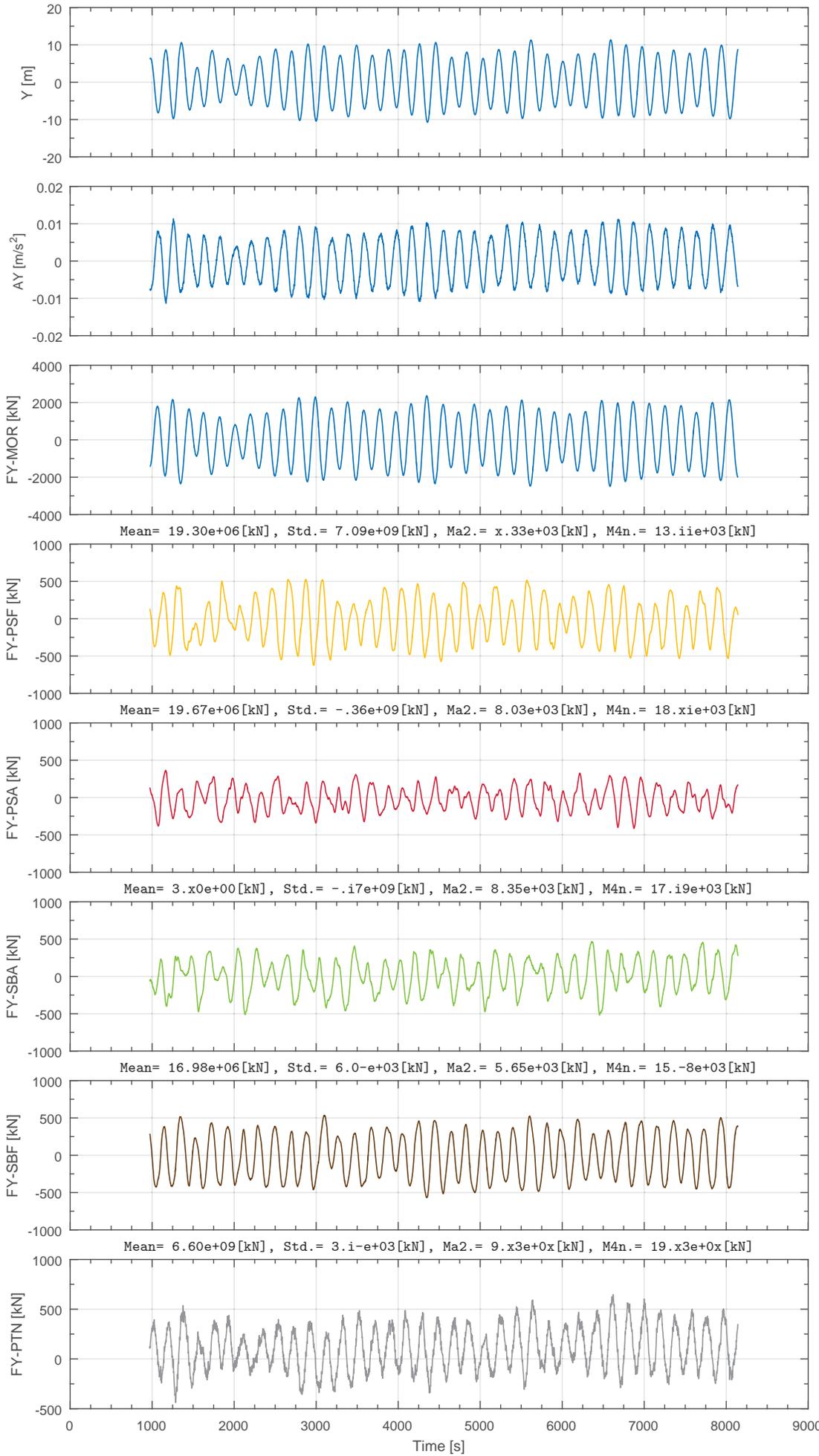
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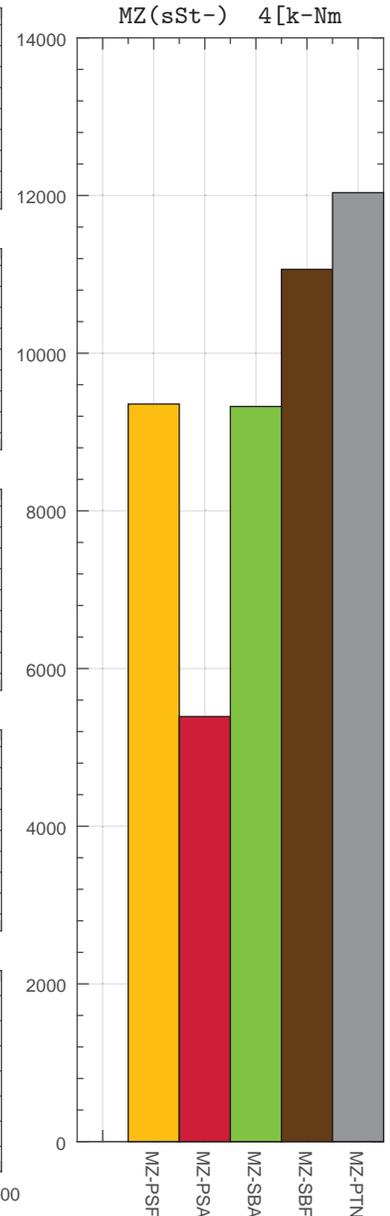
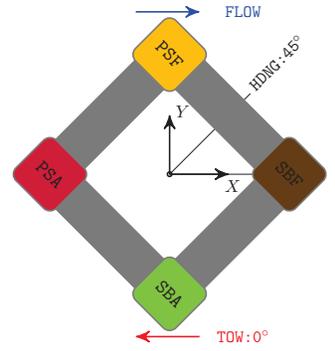
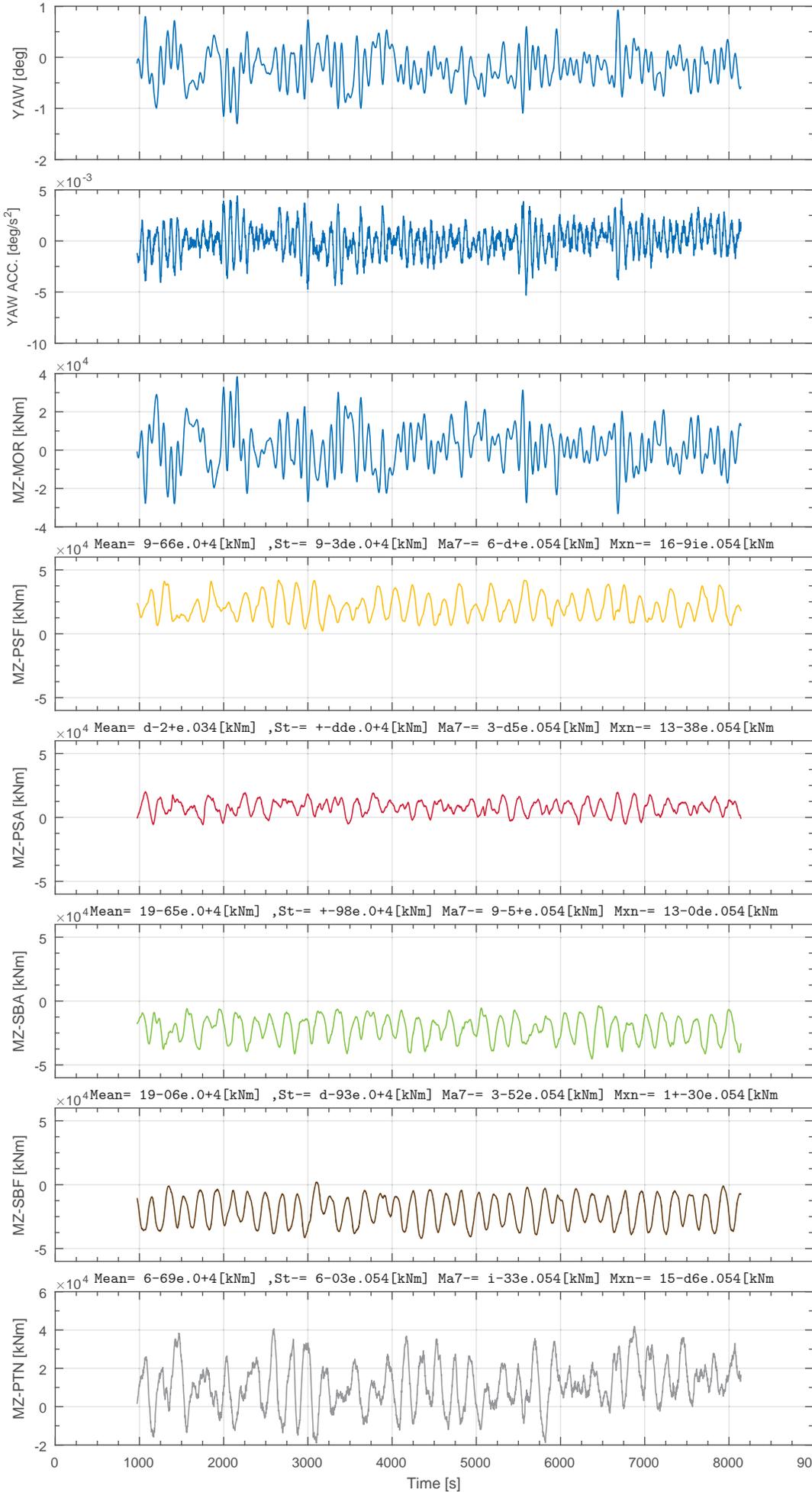
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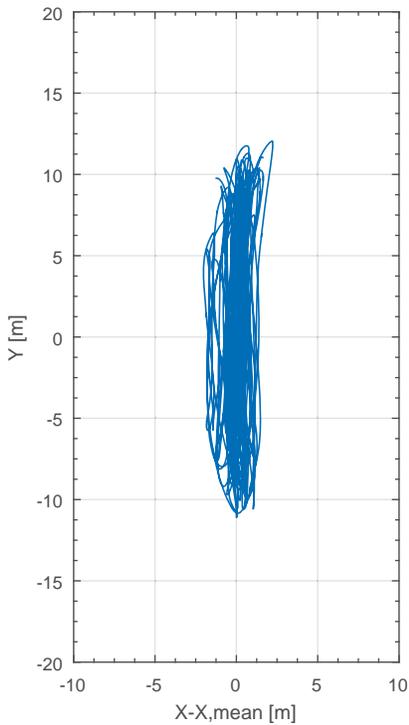
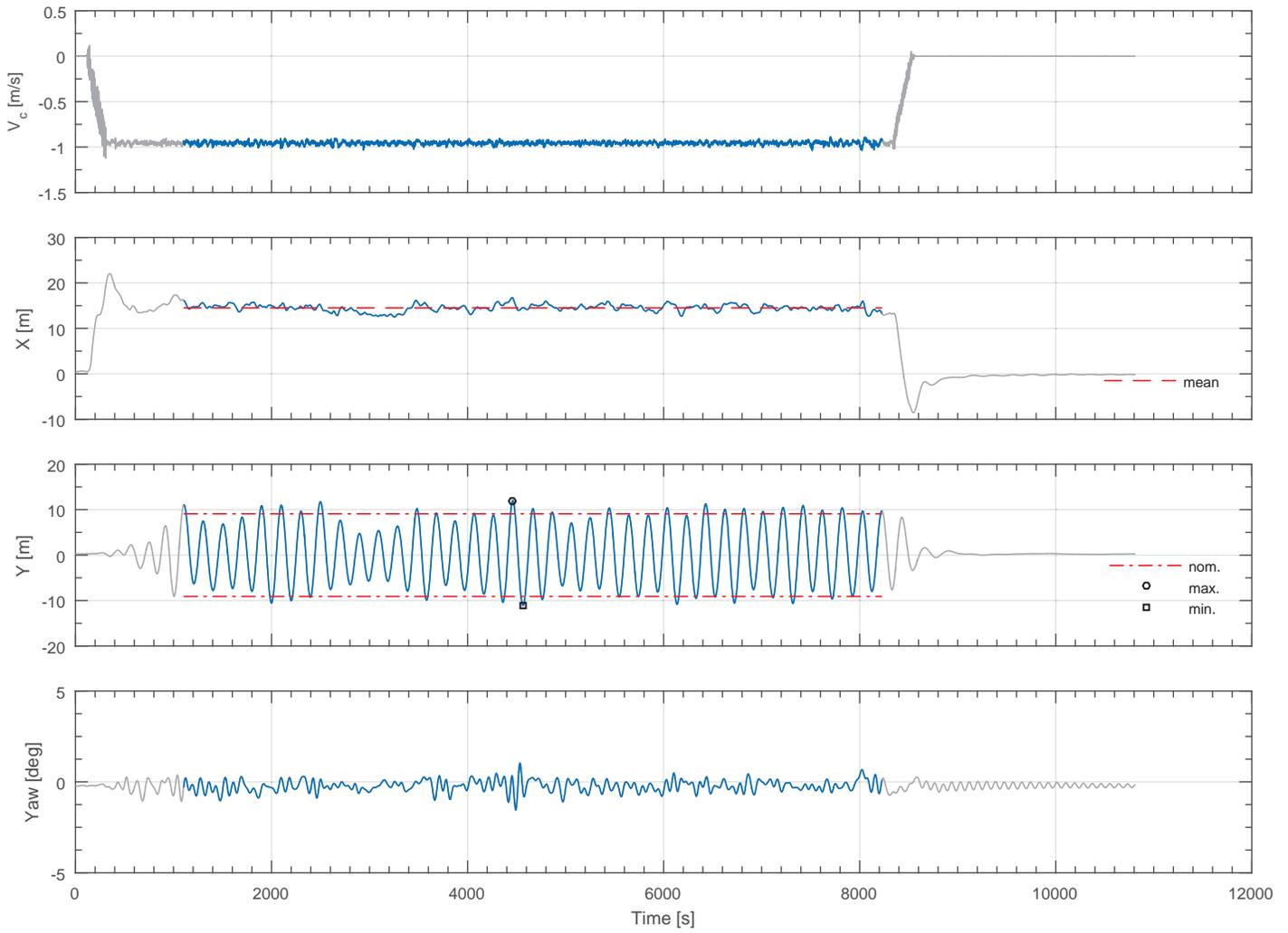
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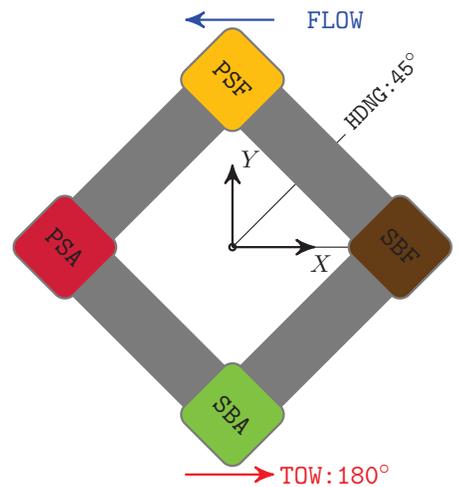
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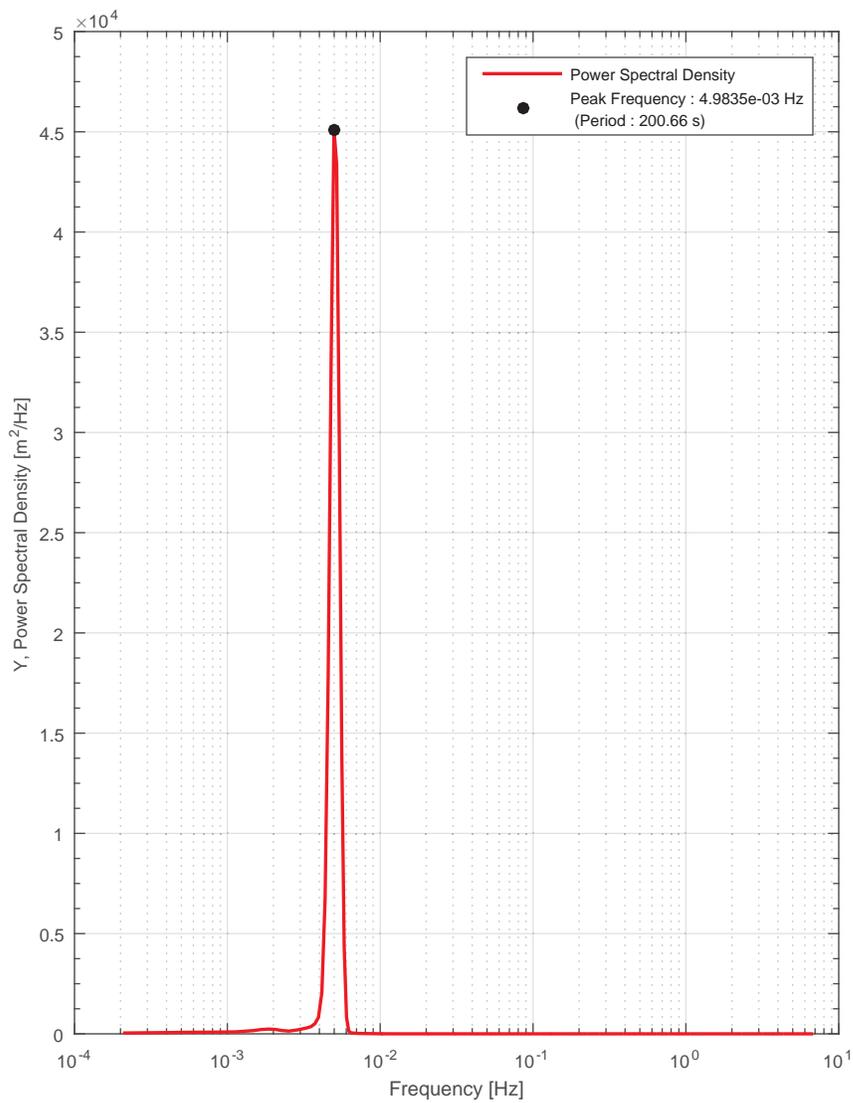
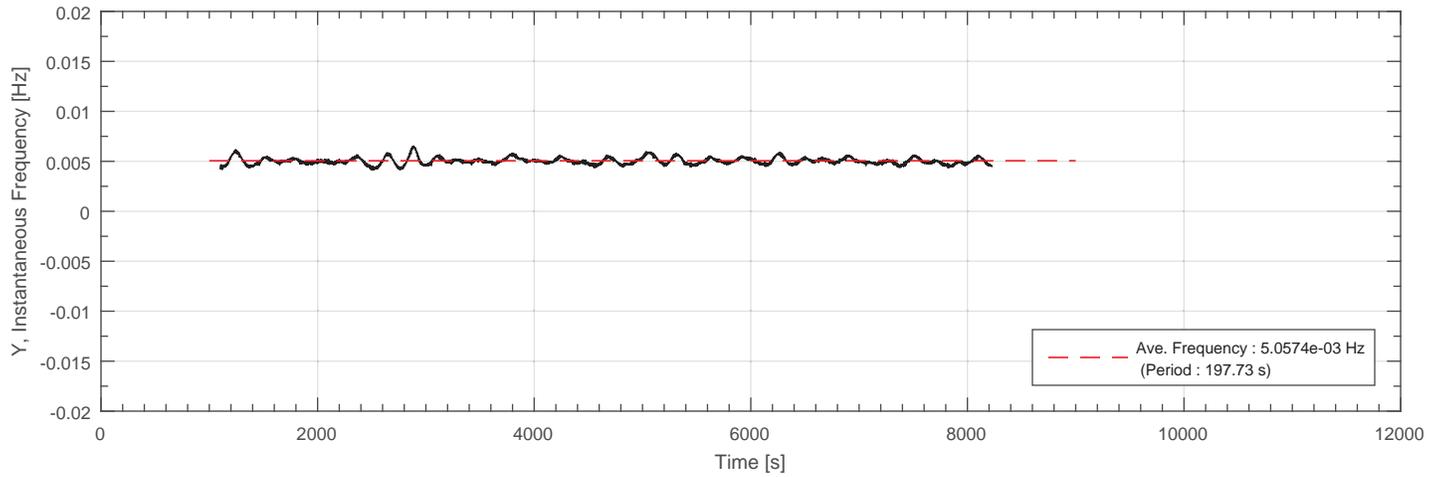
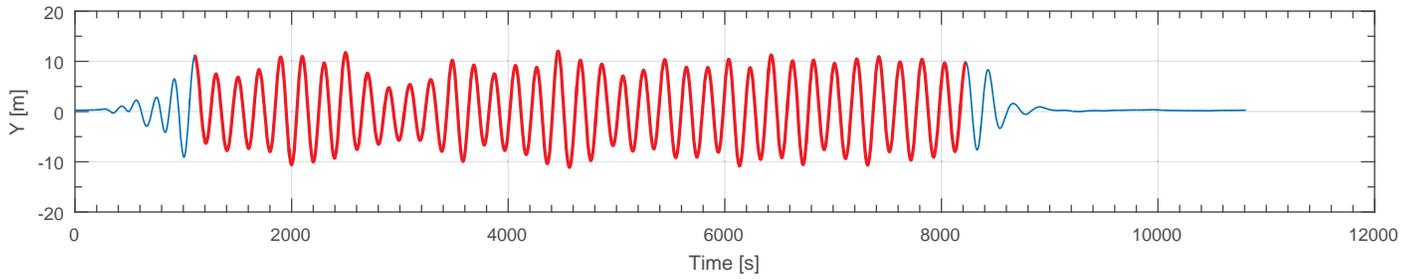
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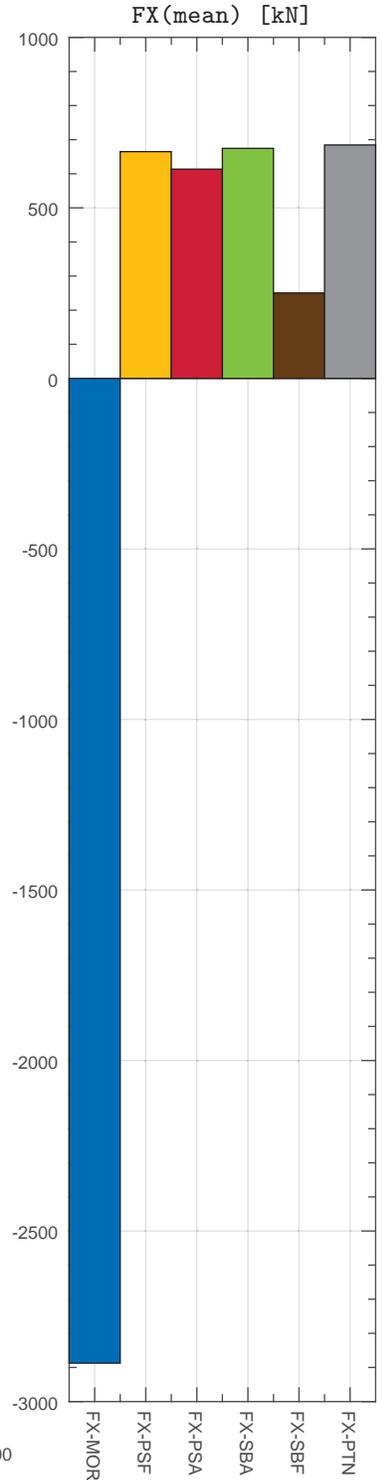
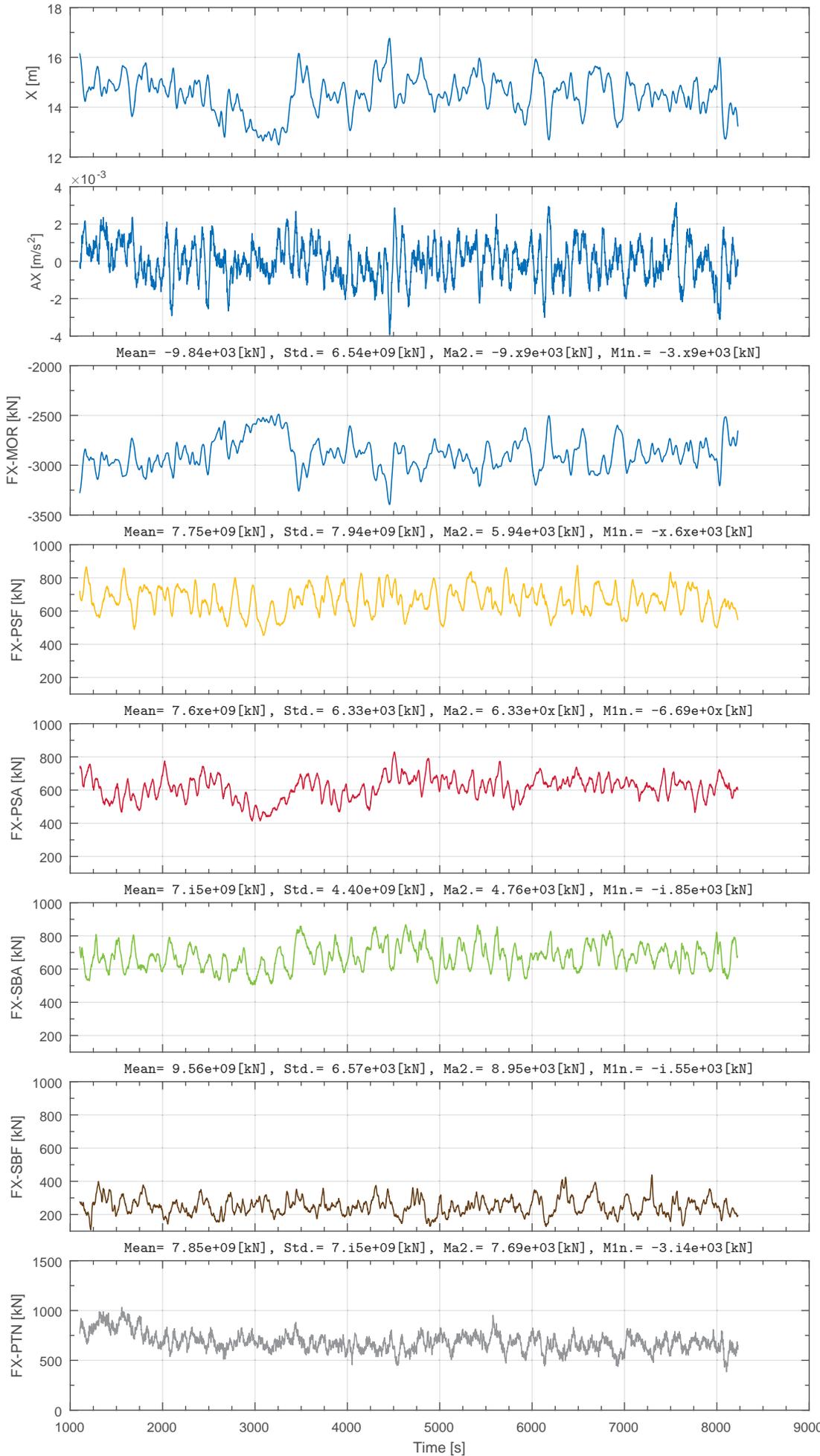
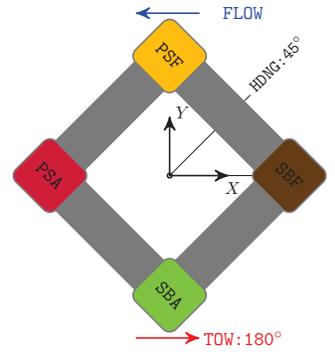
| | | |
|-------------|---|---------------|
| Ur | : | 6.00 |
| Vc (mean) | : | -0.96 m/s |
| Tow Dirn. | : | 180.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 1102.94 s |
| Time, End | : | 8228.04 s |
| X, mean | : | 14.51 m |
| Y, nom. | : | 9.09 m |
| Y, max. | : | 11.58 m |
| D | : | 31.04 m |
| Anom/D | : | 0.29 |
| Amax/D | : | 0.37 |
| Yaw, max. | : | 1.04 deg |
| Yaw, min. | : | -1.55 deg |
| Damping | : | 1962.30 kNs/m |



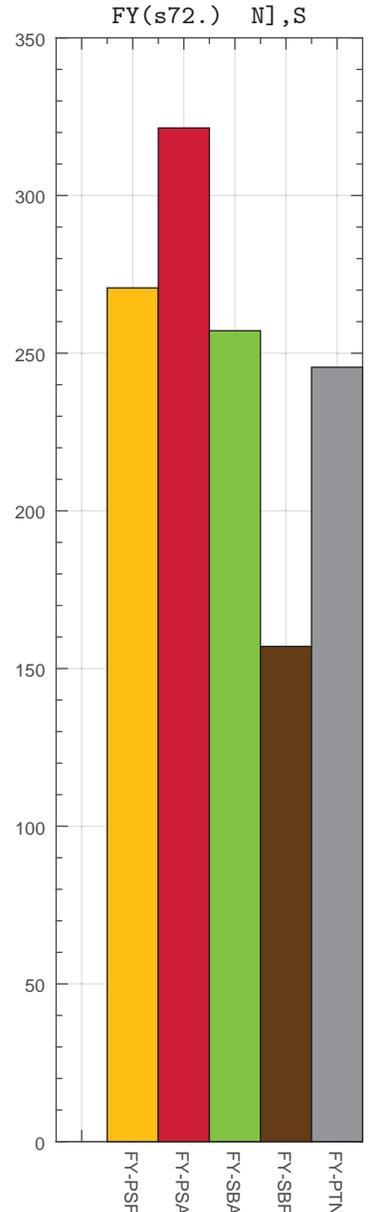
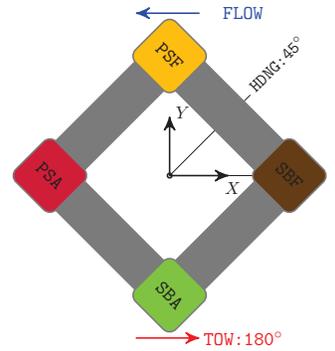
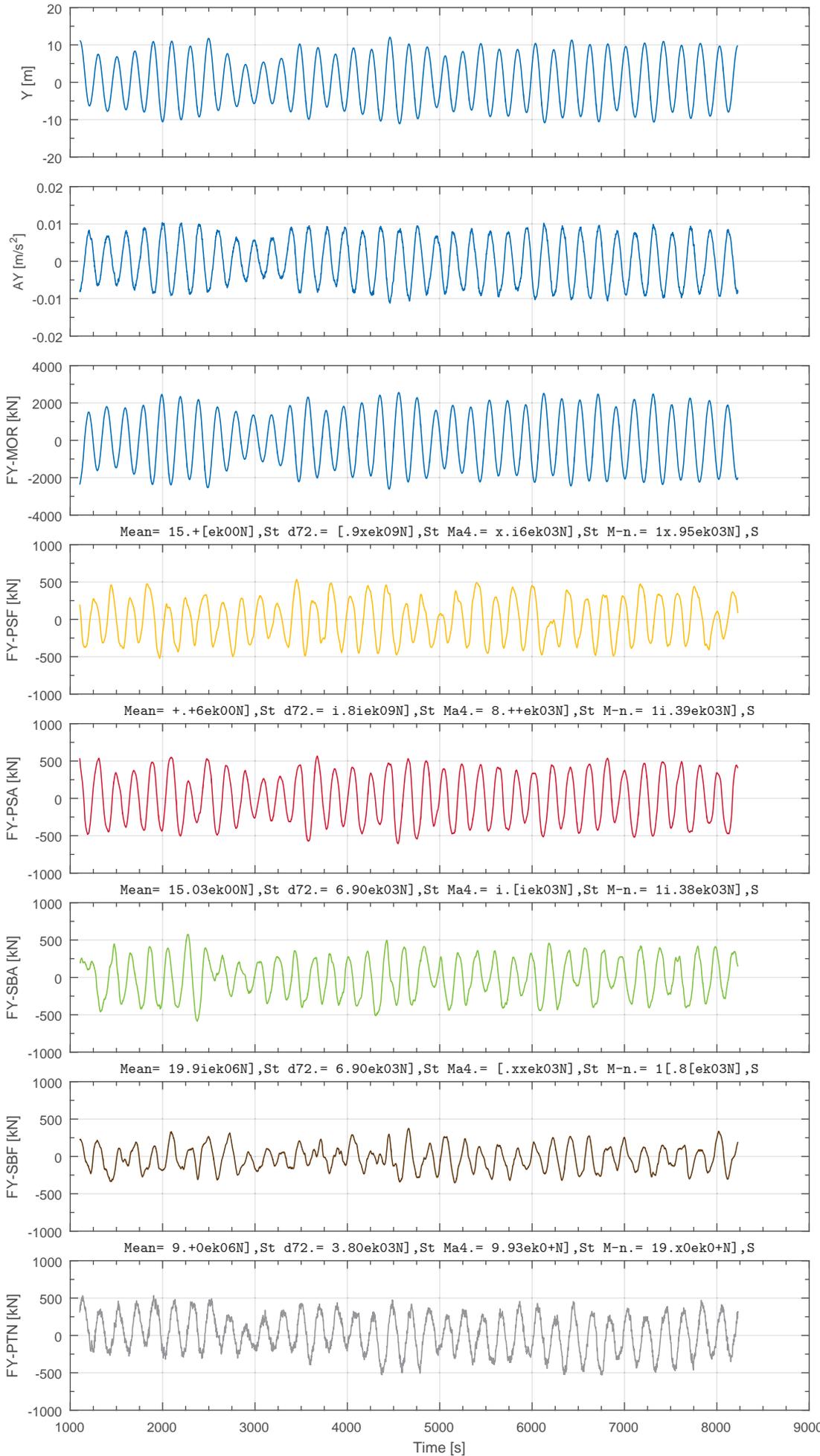
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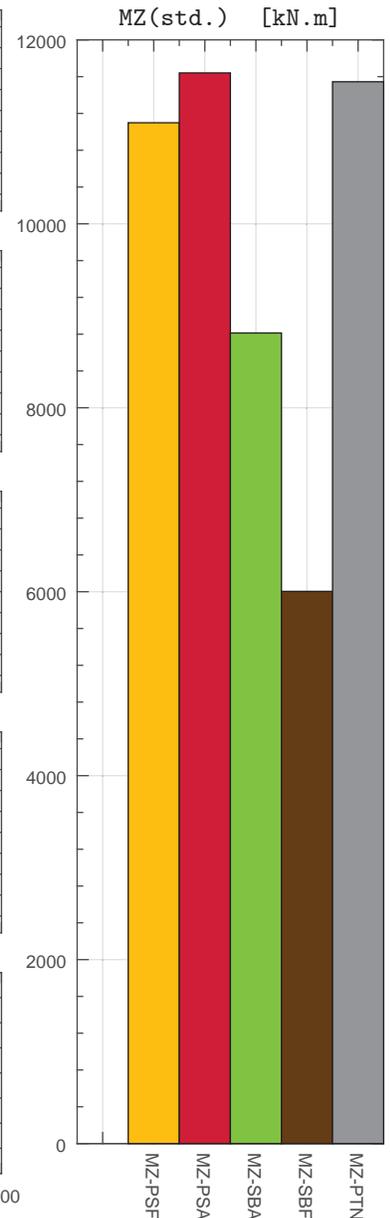
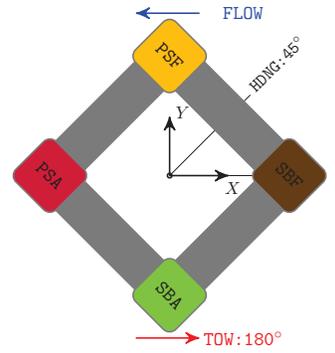
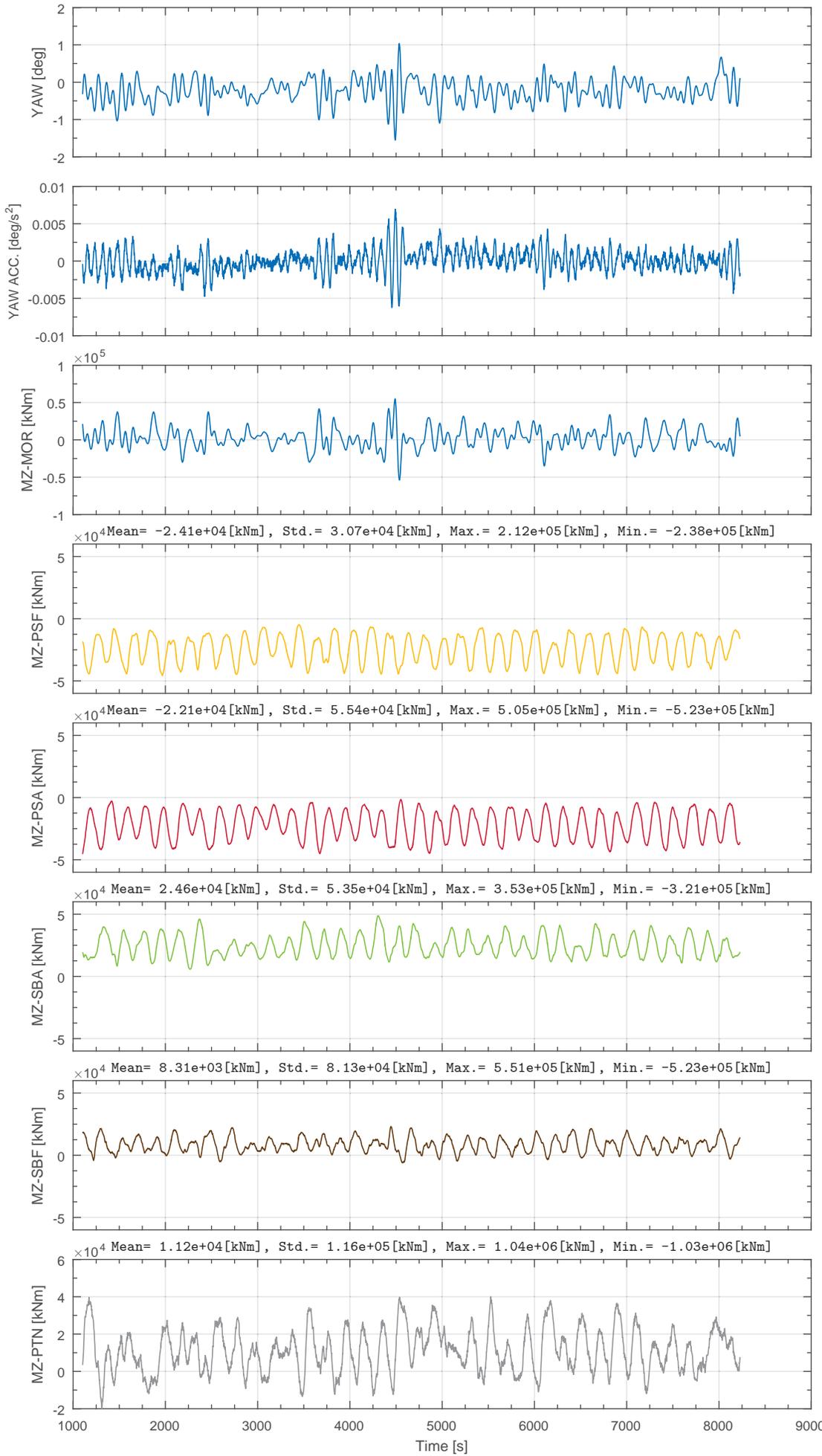
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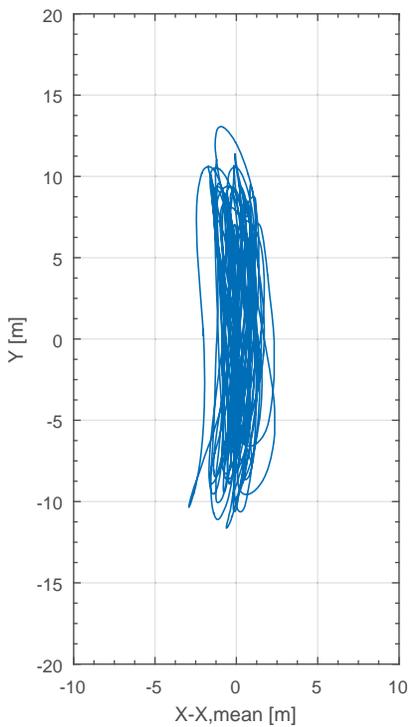
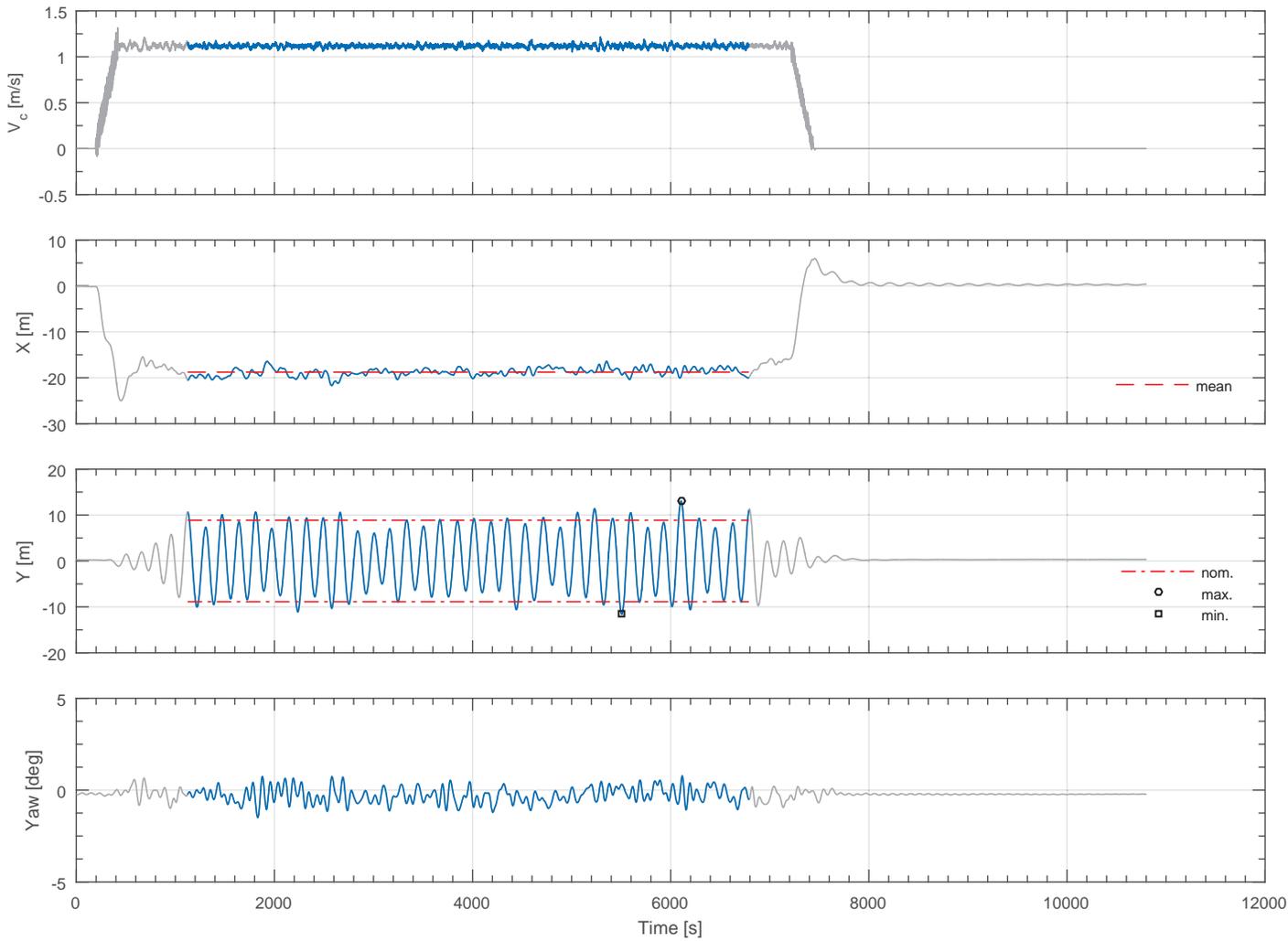
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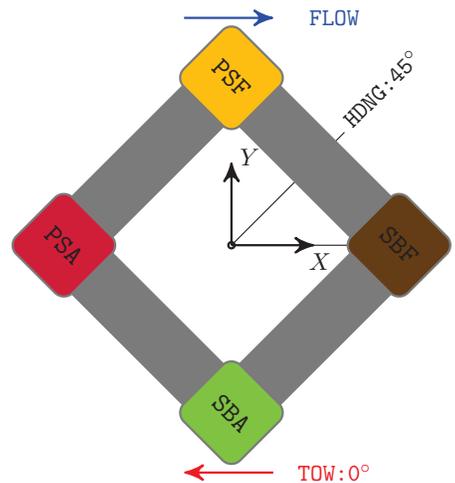
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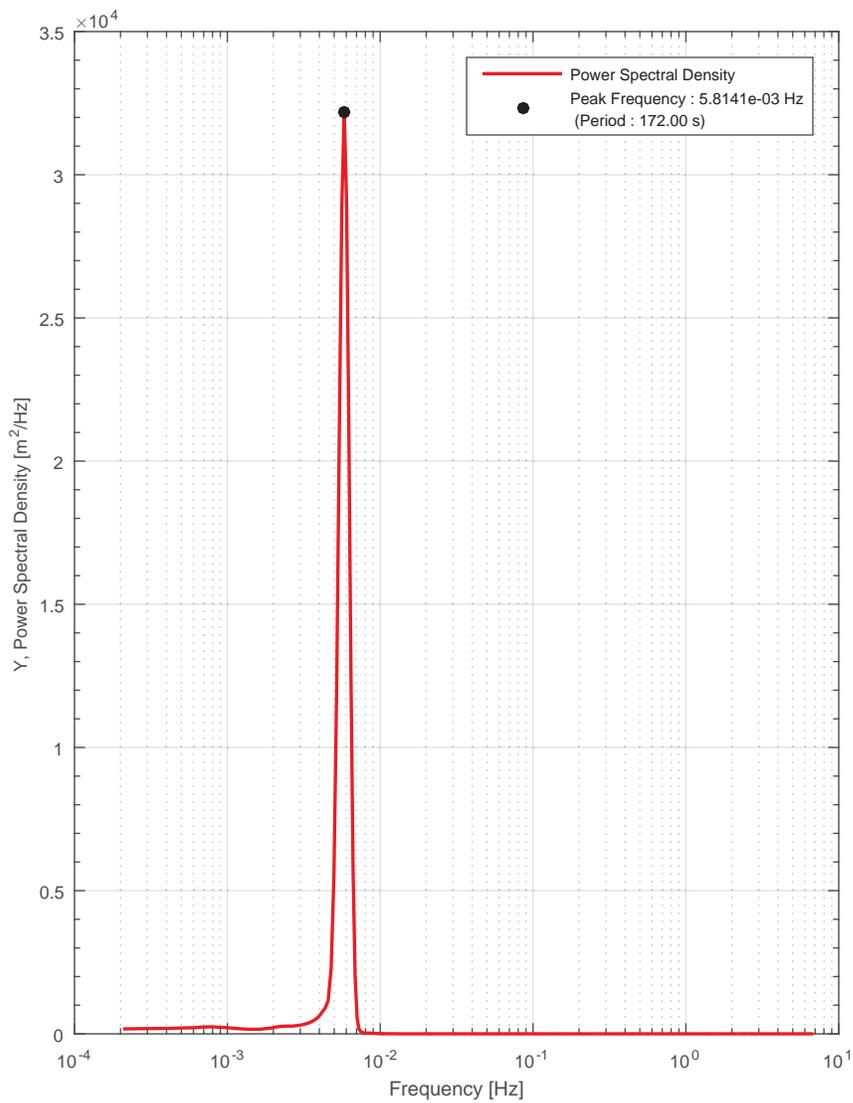
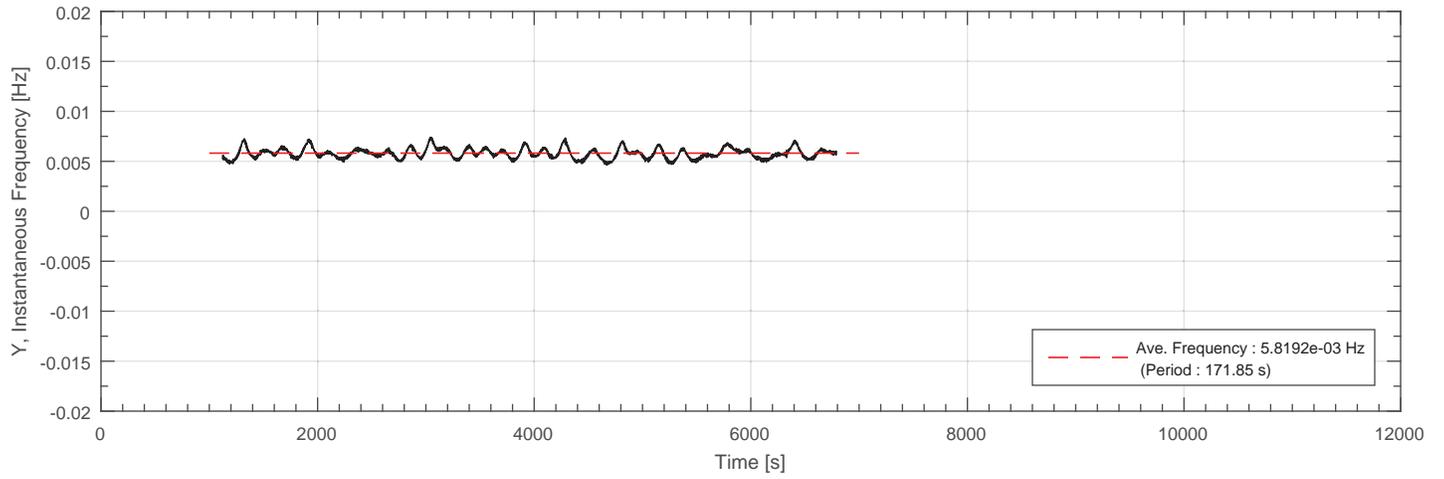
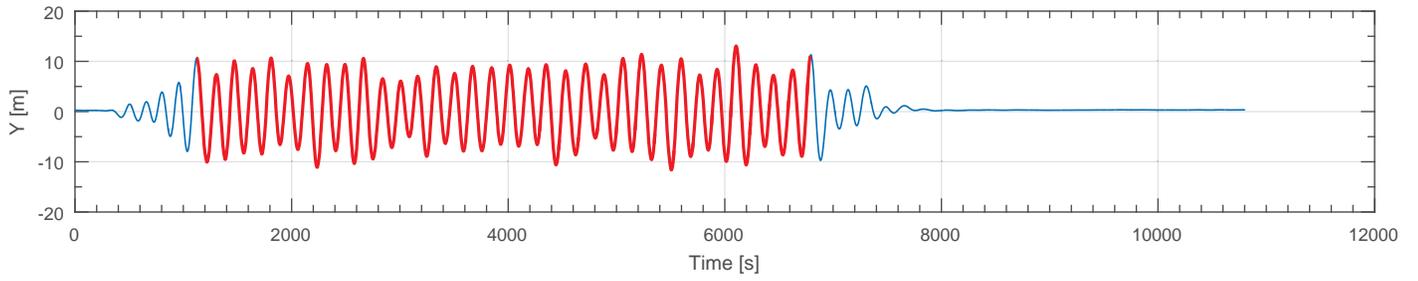
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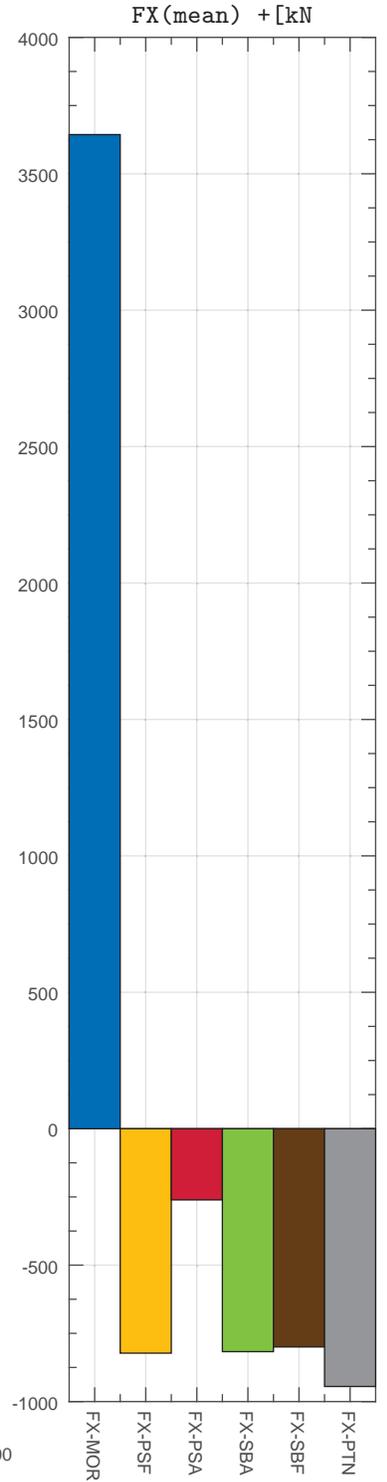
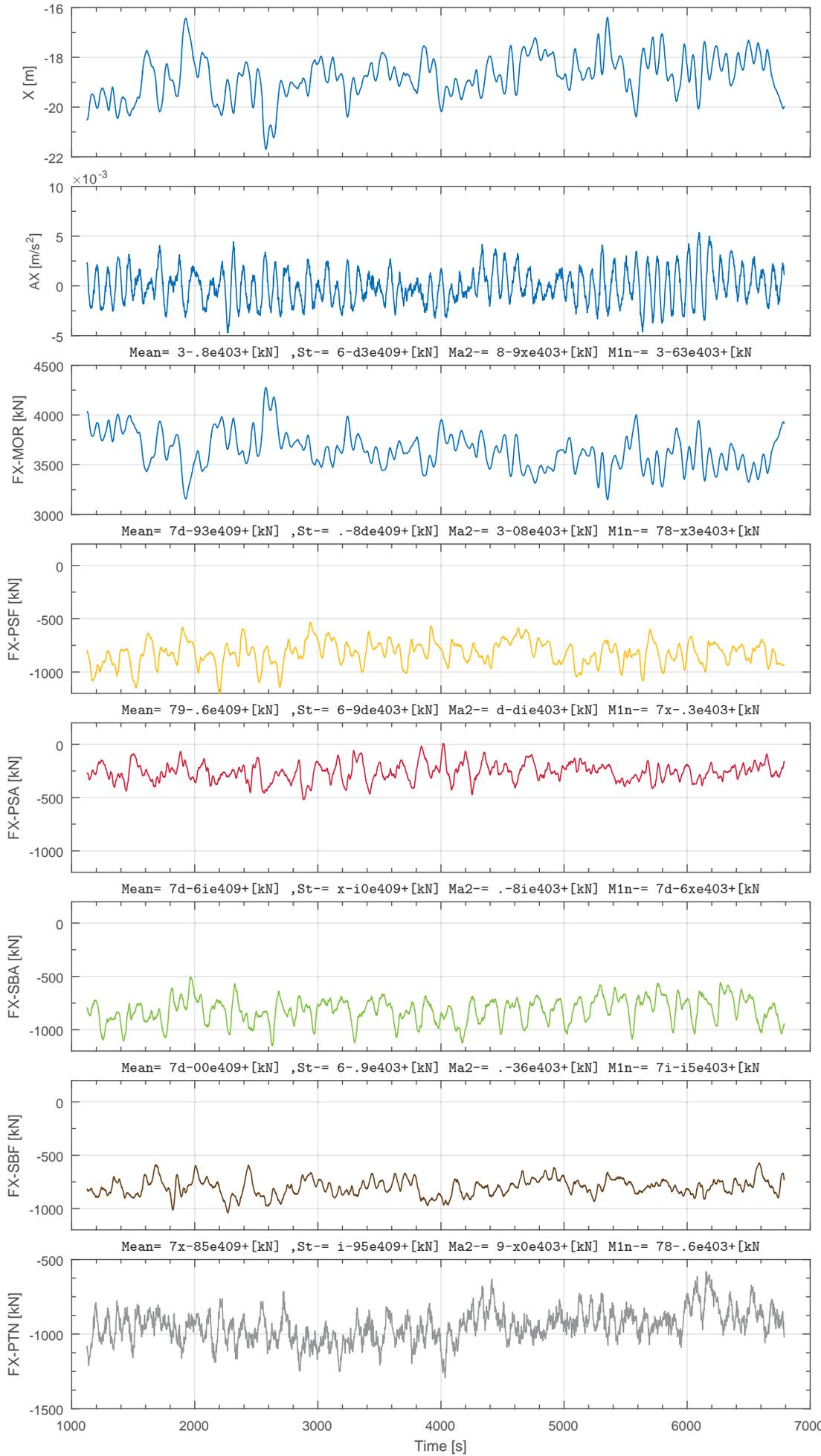
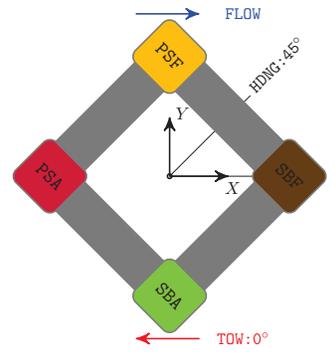
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|------------|---|---------------|
| Ur | : | 7.00 |
| Vc (mean) | : | 1.12 m/s |
| Tow Dirn. | : | 0.00 deg |
| Heading | : | 45.00 deg |
| Time,Begin | : | 1123.44 s |
| Time,End | : | 6788.99 s |
| X,mean | : | -18.77 m |
| Y,nom. | : | 8.88 m |
| Y,max. | : | 12.35 m |
| D | : | 31.04 m |
| Anom/D | : | 0.29 |
| Amax/D | : | 0.40 |
| Yaw,max. | : | 0.78 deg |
| Yaw,min. | : | -1.50 deg |
| Damping | : | 1962.30 kNs/m |



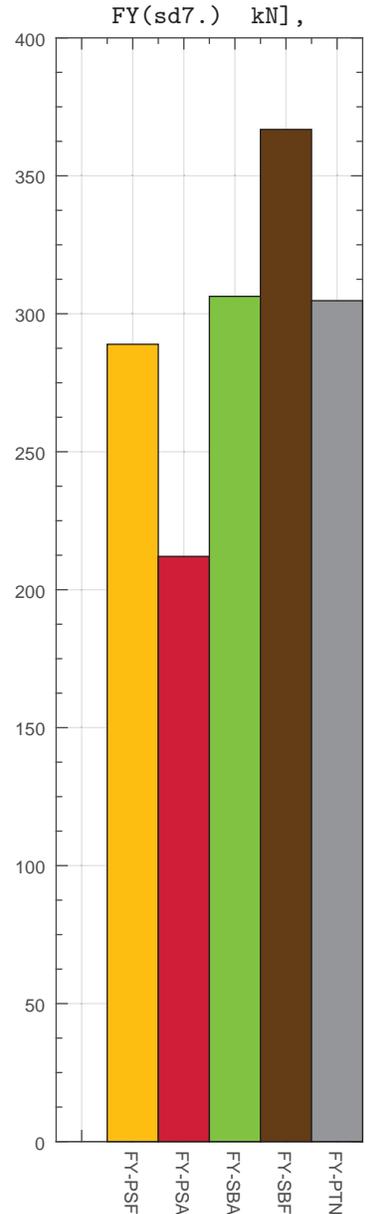
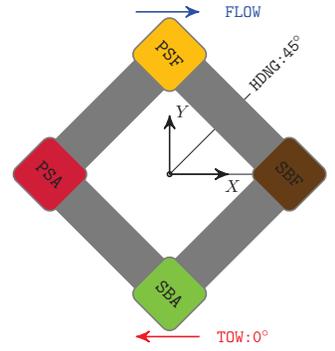
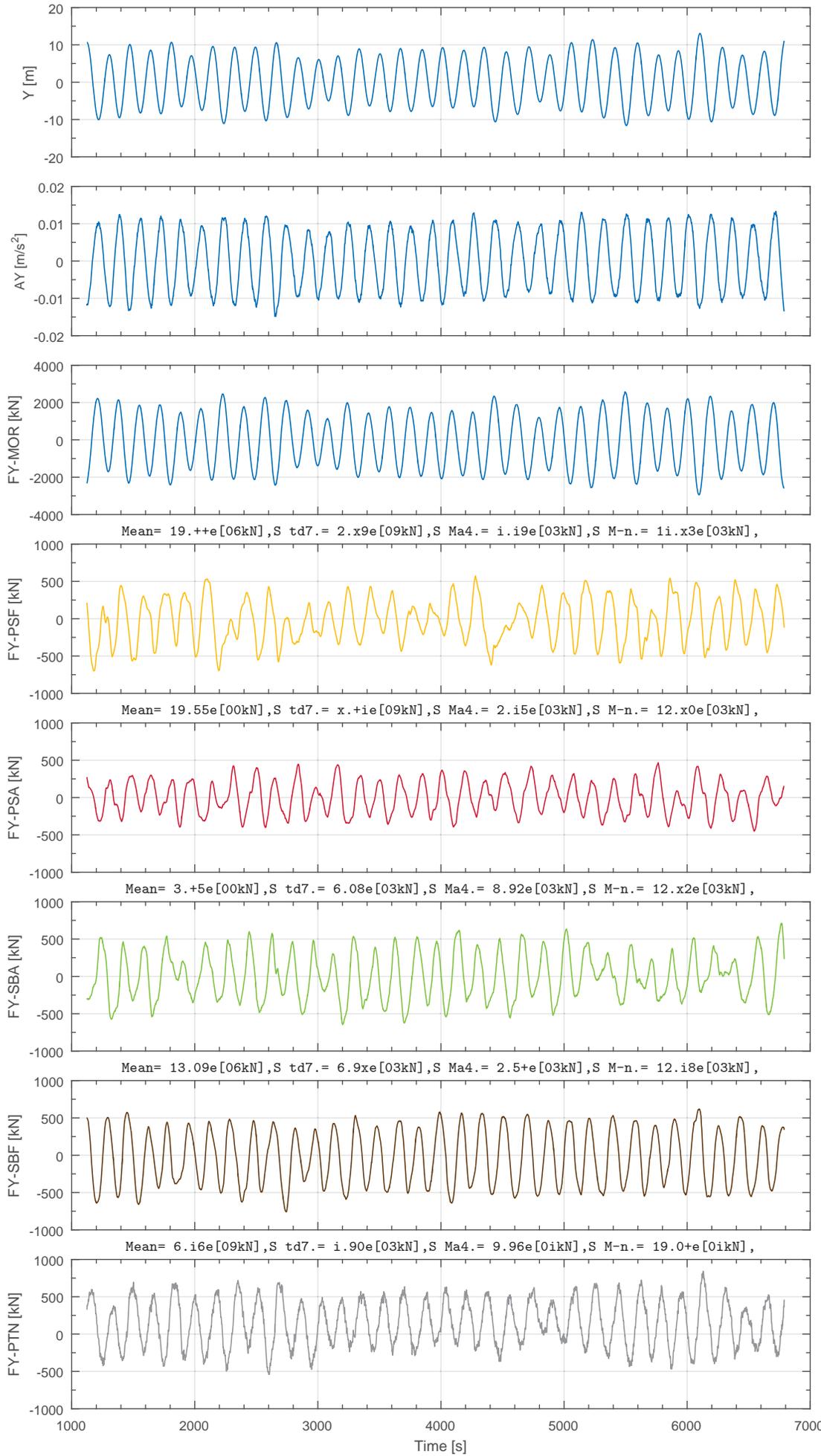
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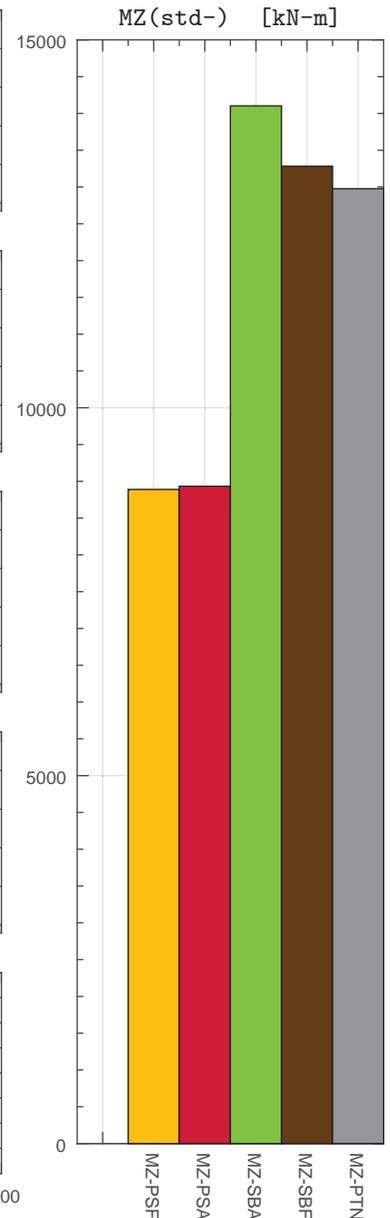
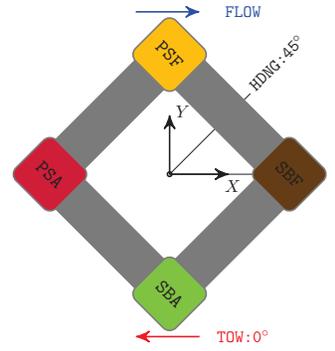
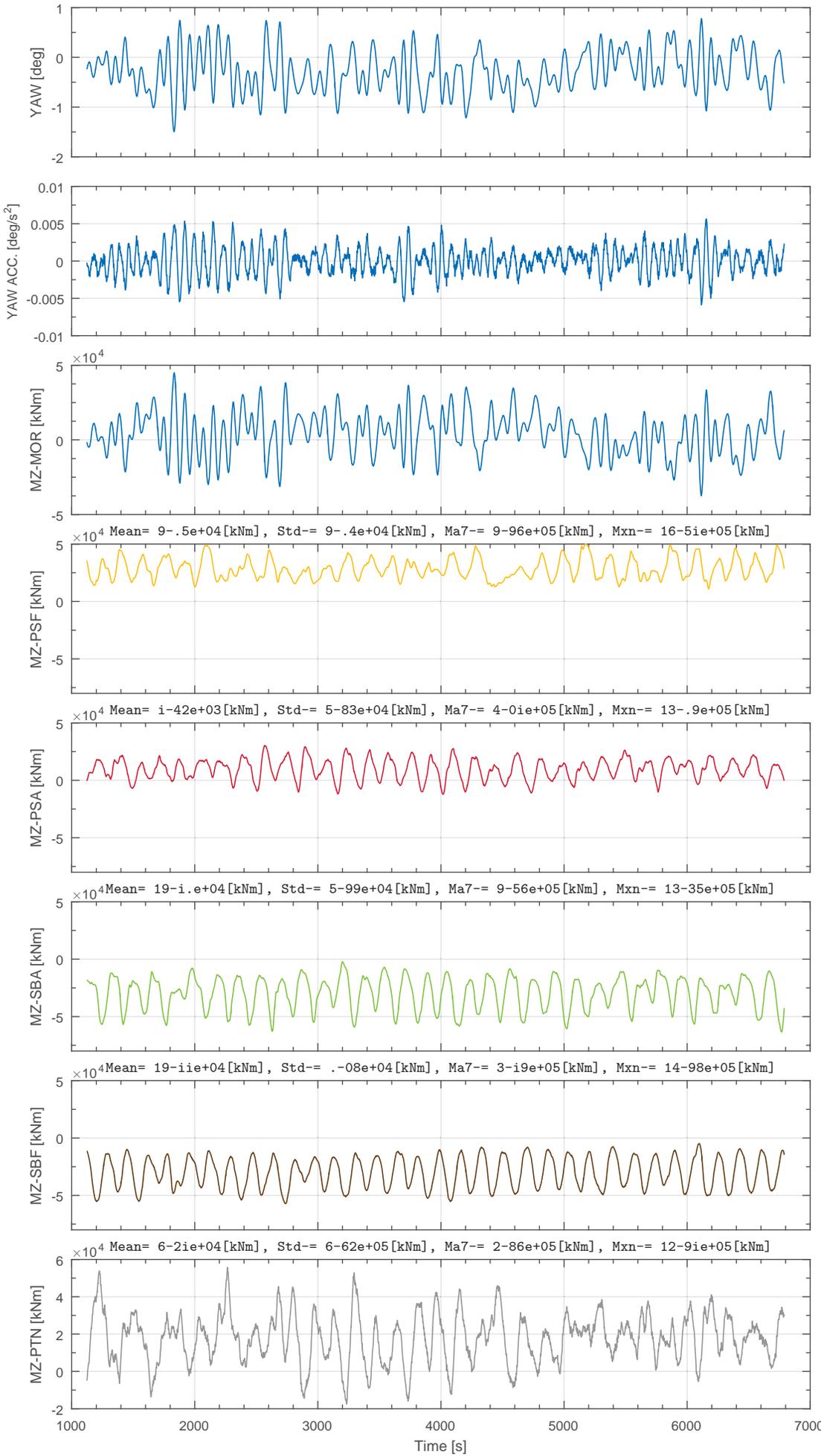
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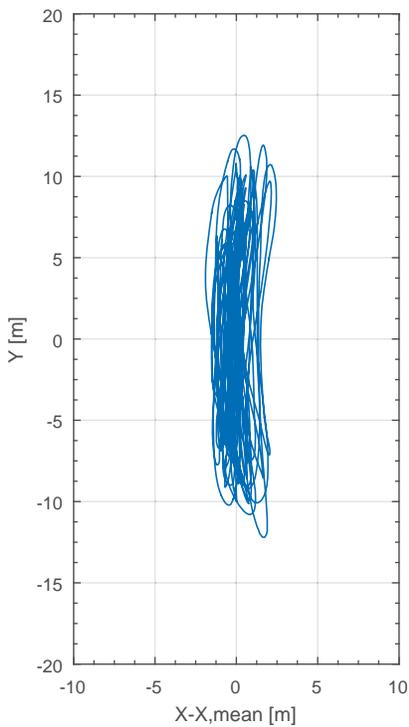
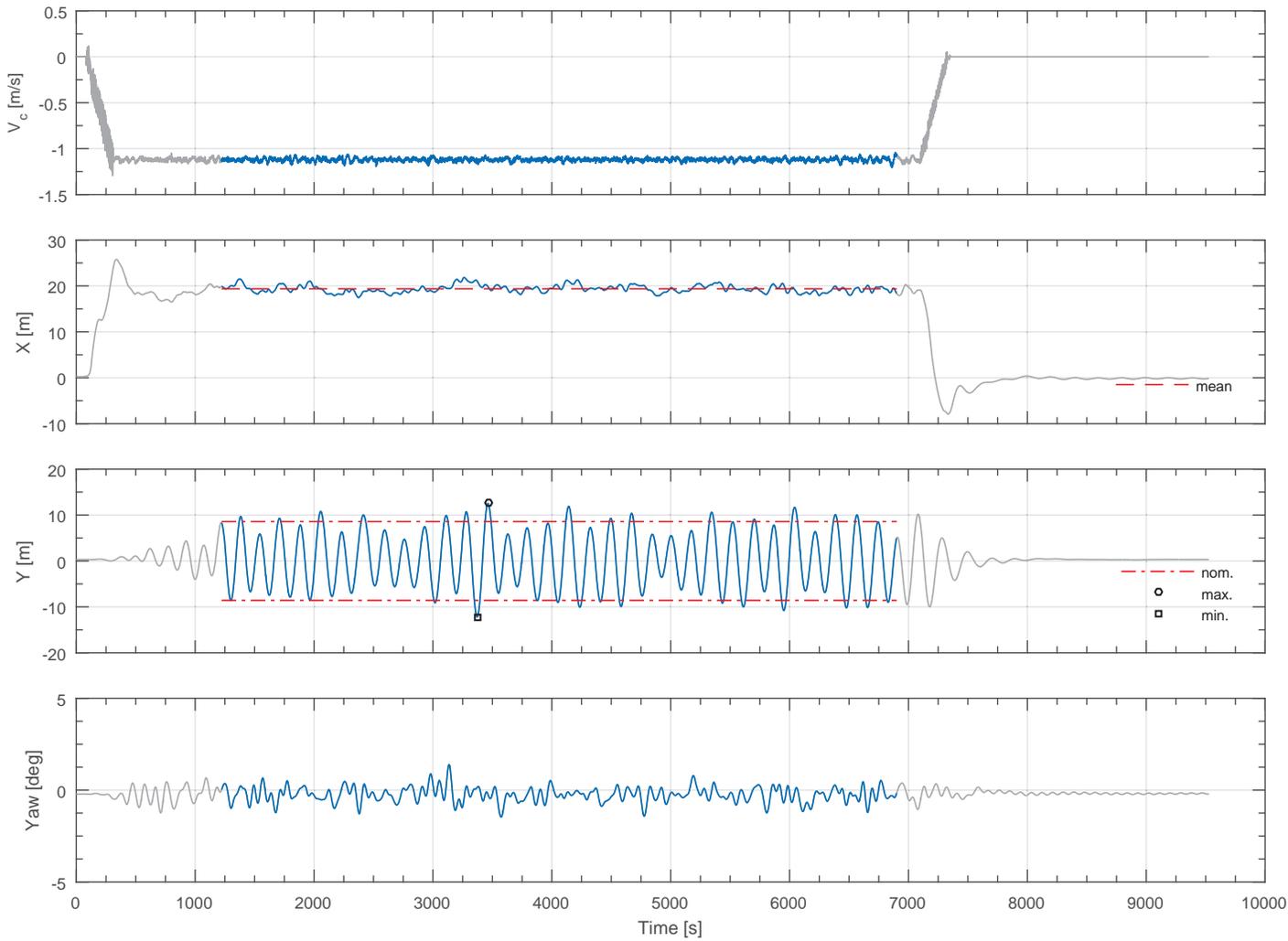
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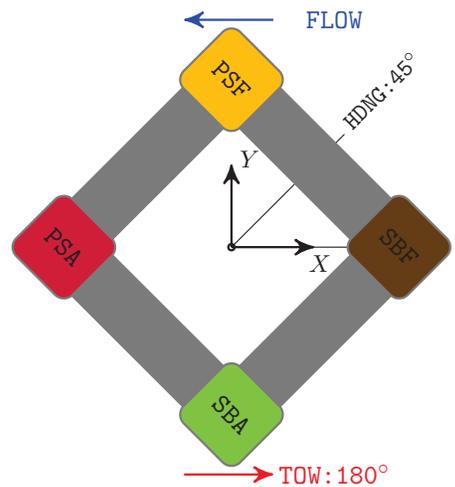
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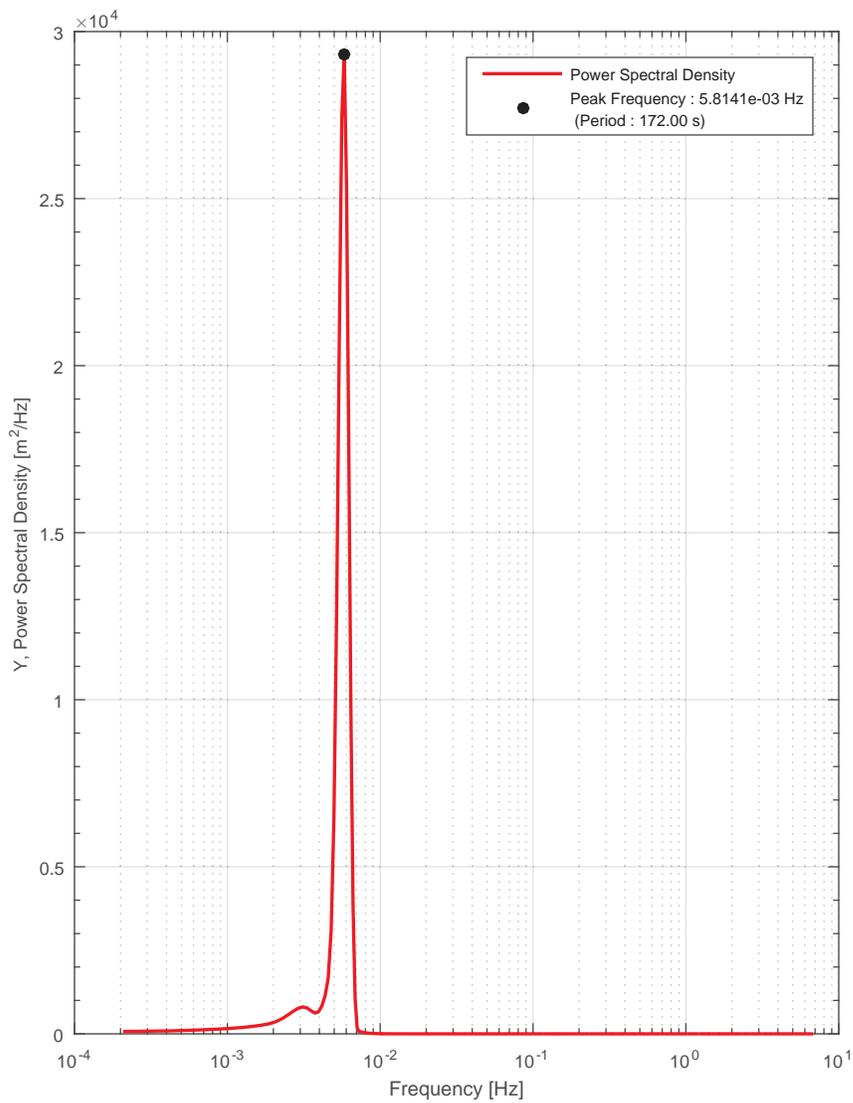
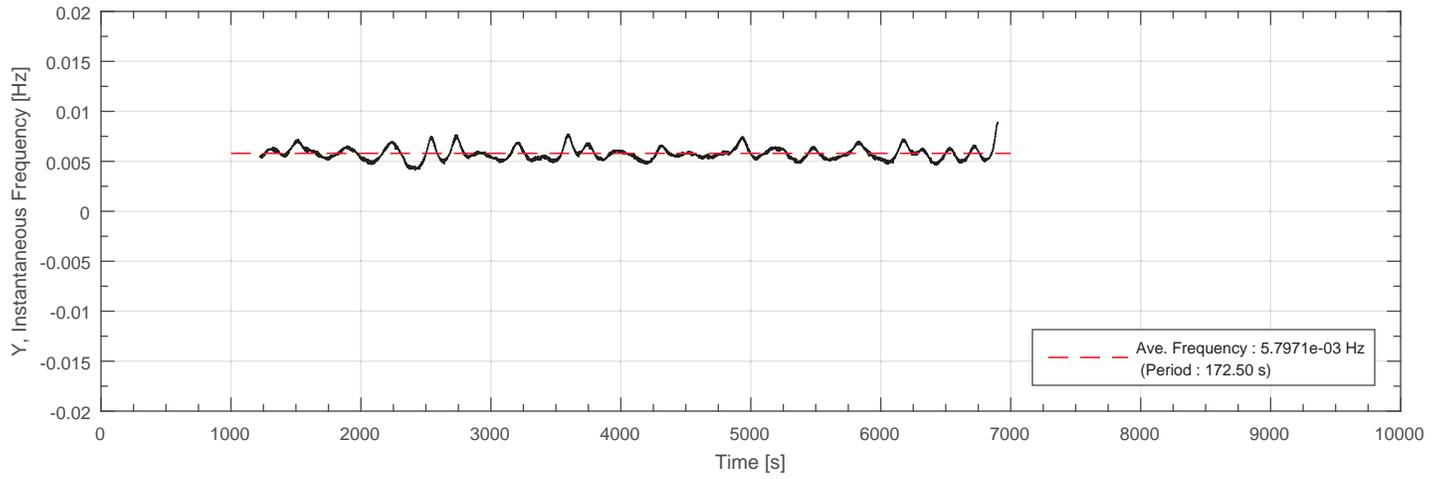
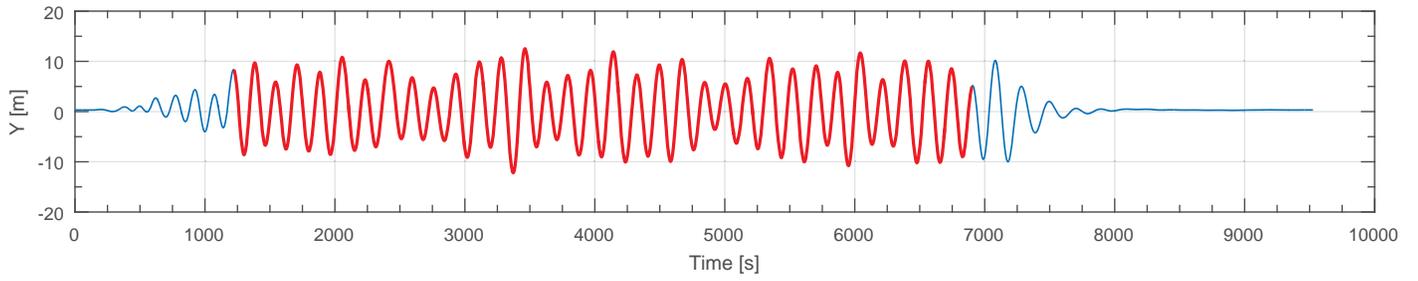
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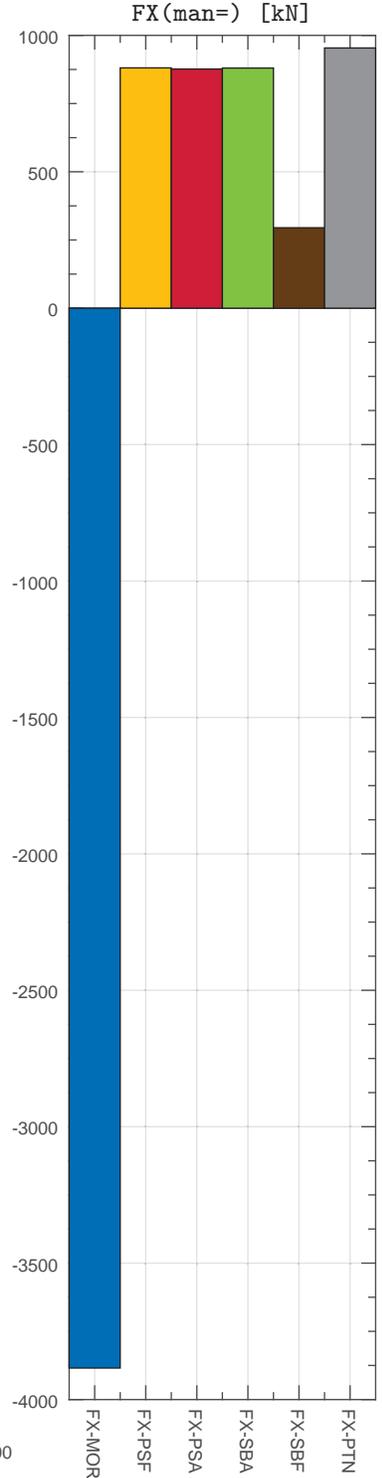
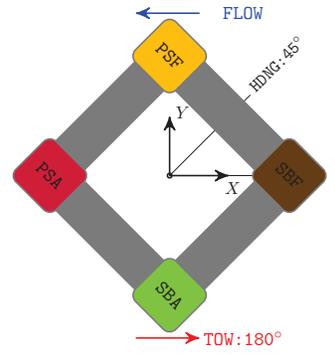
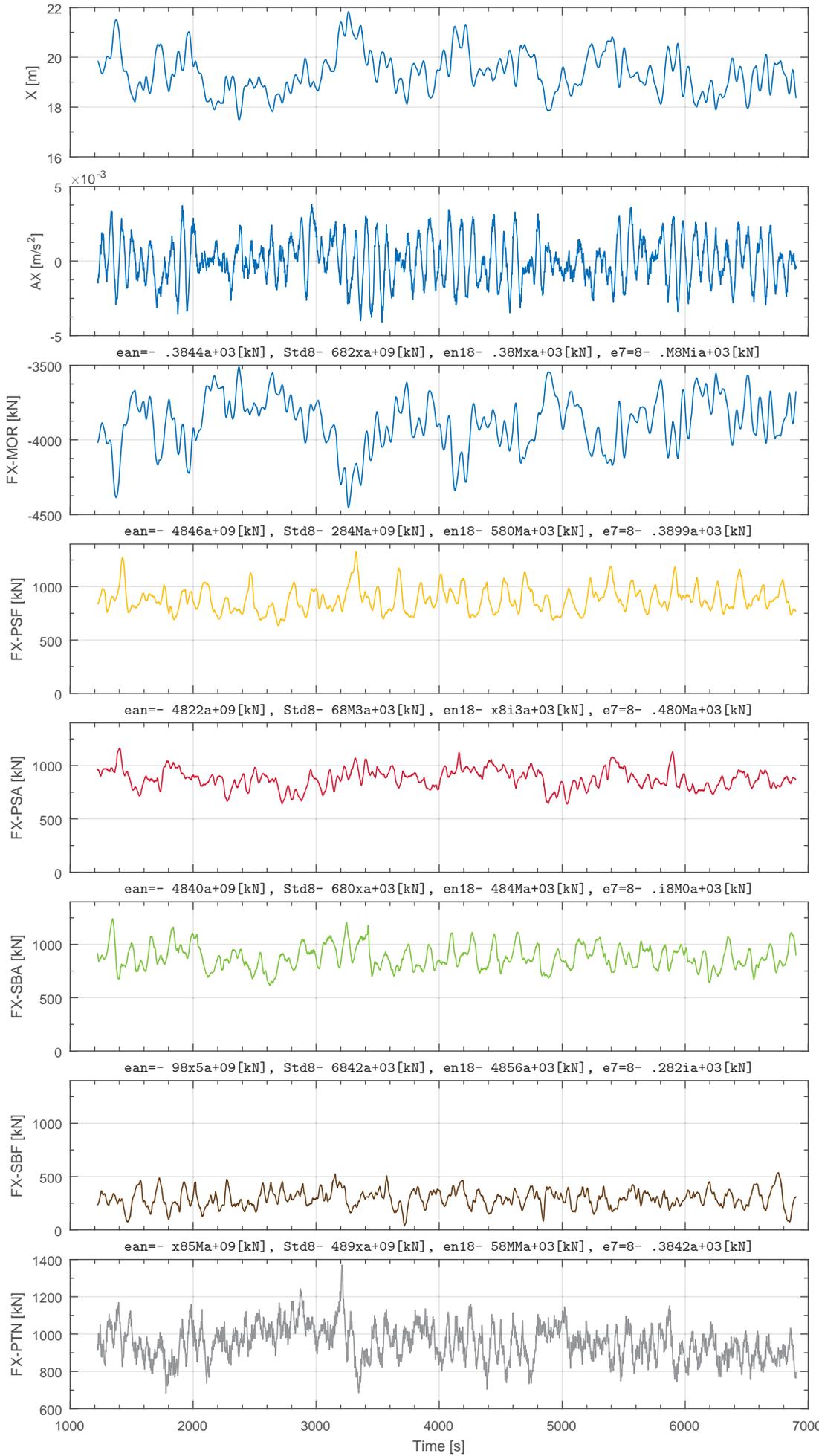
| | | |
|-------------|---|---------------|
| Ur | : | 7.00 |
| Vc (mean) | : | -1.12 m/s |
| Tow Dirn. | : | 180.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 1222.79 s |
| Time, End | : | 6900.98 s |
| X, mean | : | 19.37 m |
| Y, nom. | : | 8.58 m |
| Y, max. | : | 12.36 m |
| D | : | 31.04 m |
| Anom/D | : | 0.28 |
| Amax/D | : | 0.40 |
| Yaw, max. | : | 1.40 deg |
| Yaw, min. | : | -1.47 deg |
| Damping | : | 1962.30 kNs/m |



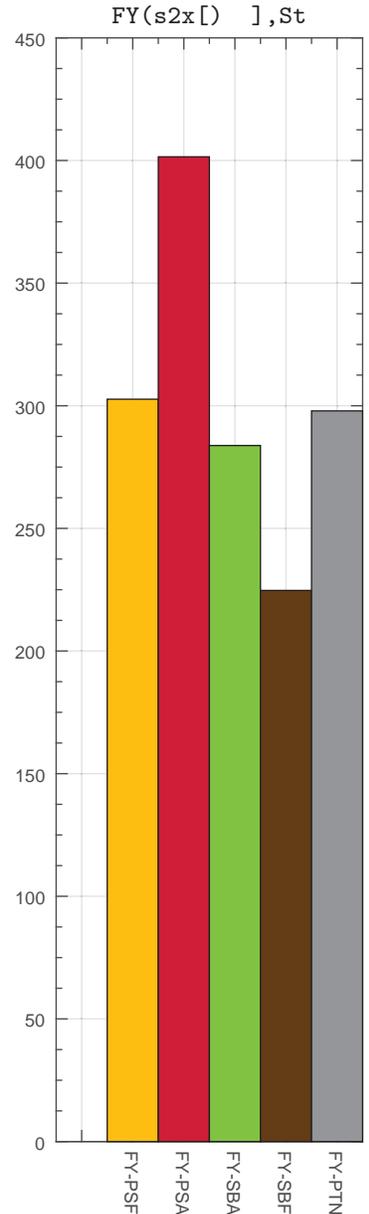
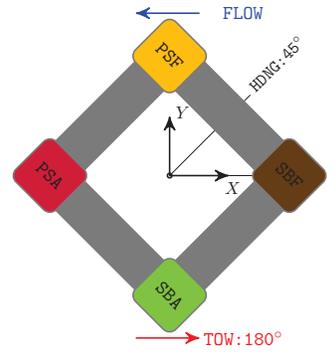
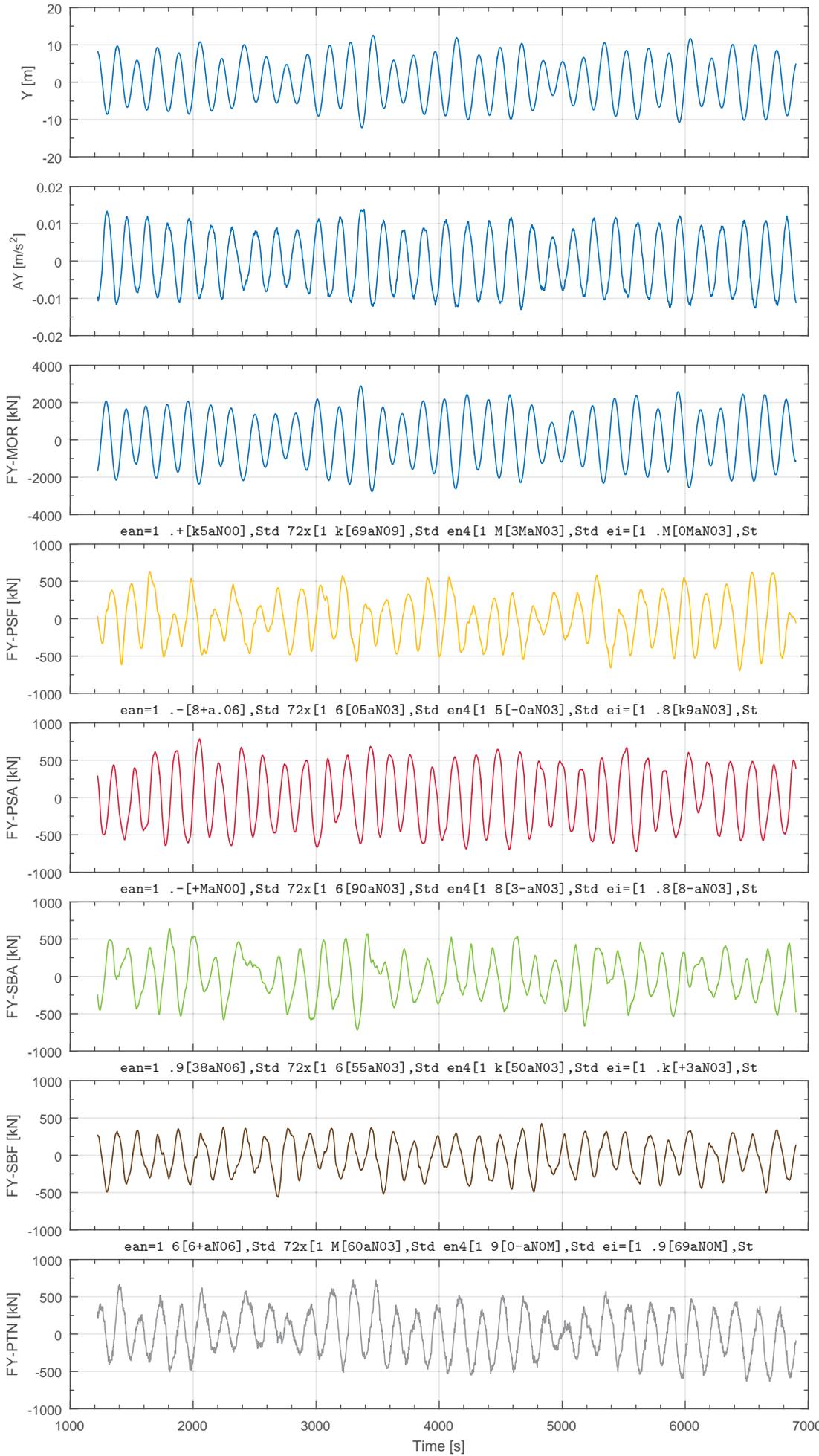
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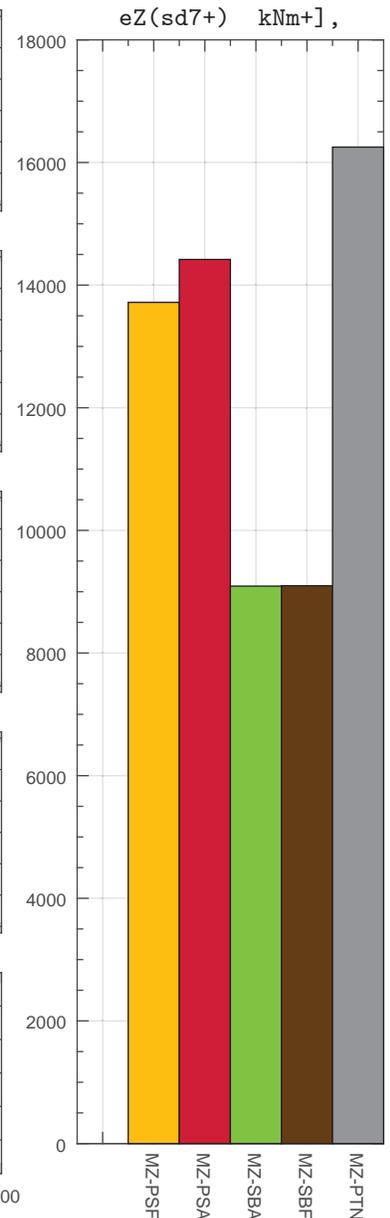
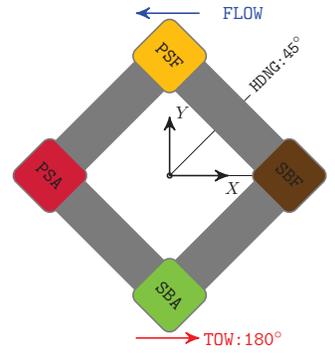
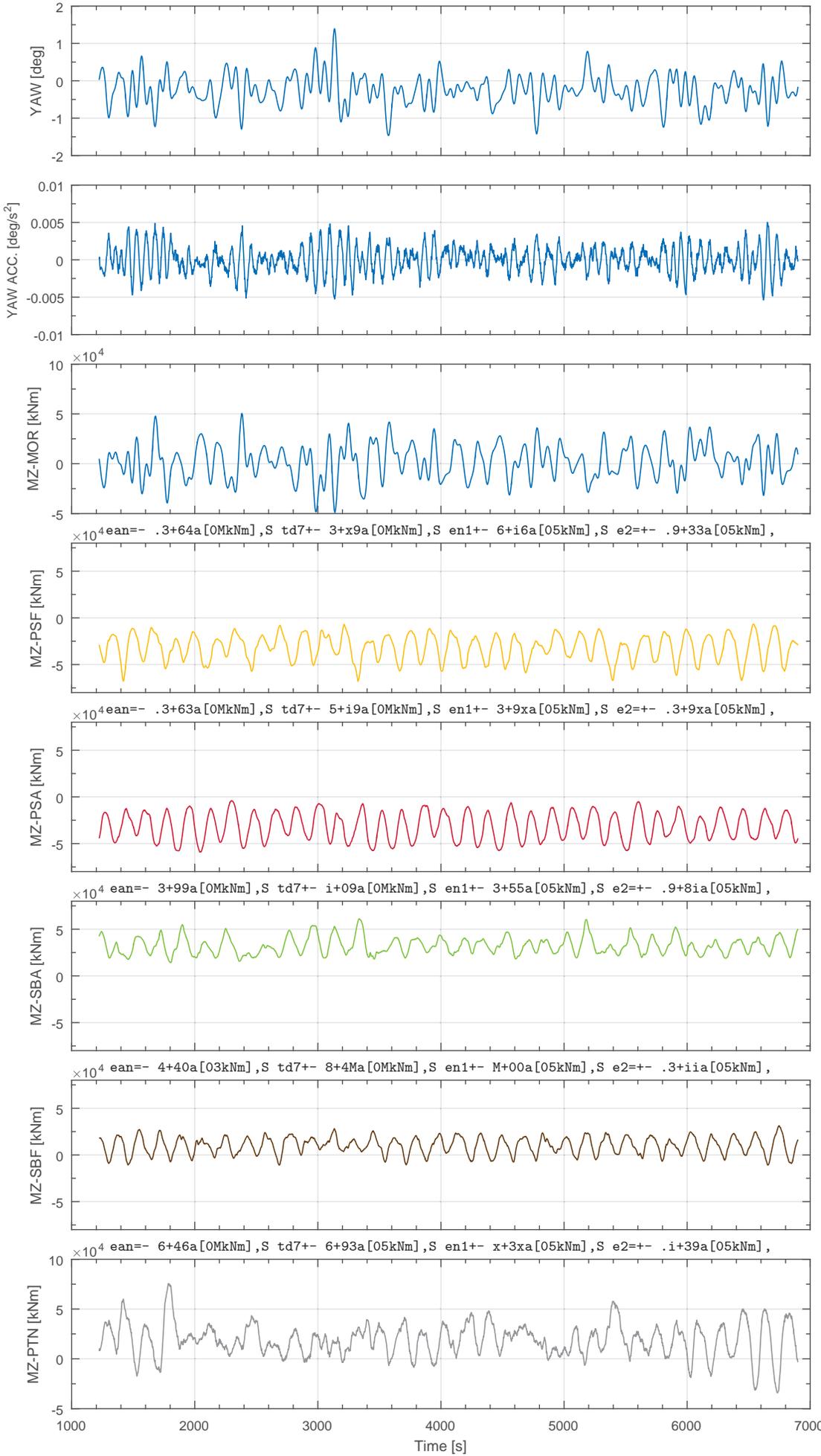
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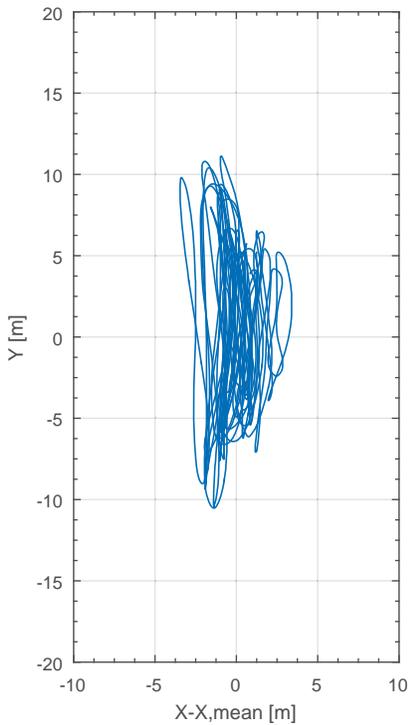
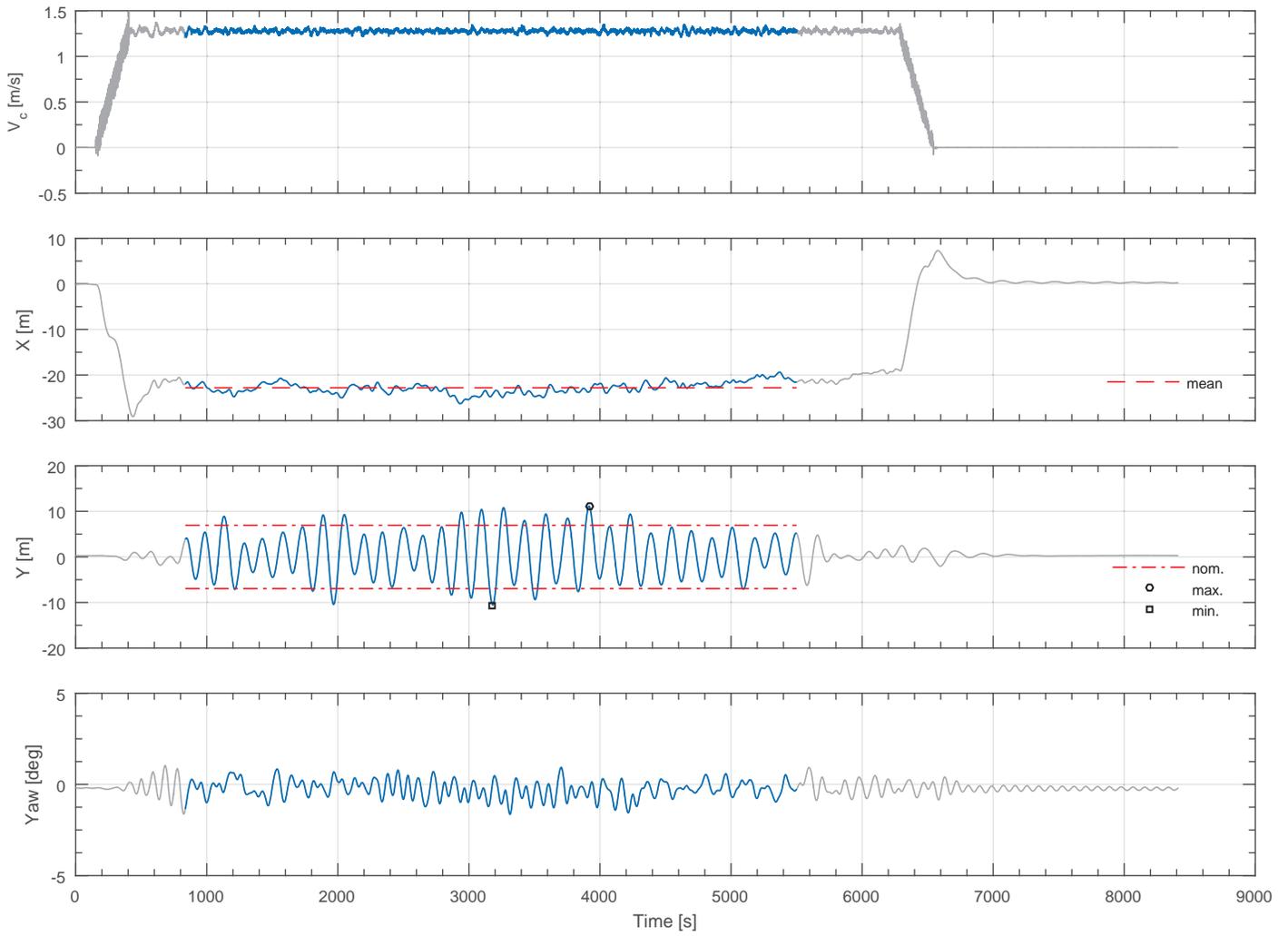
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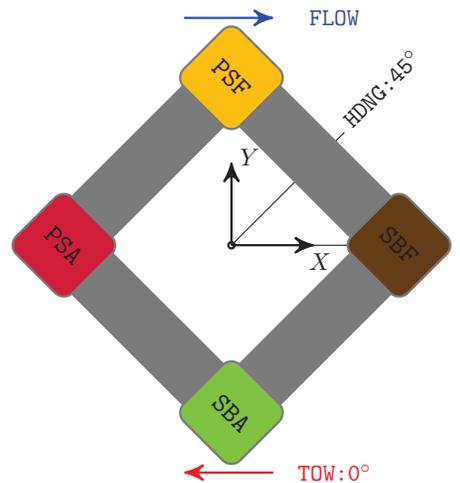
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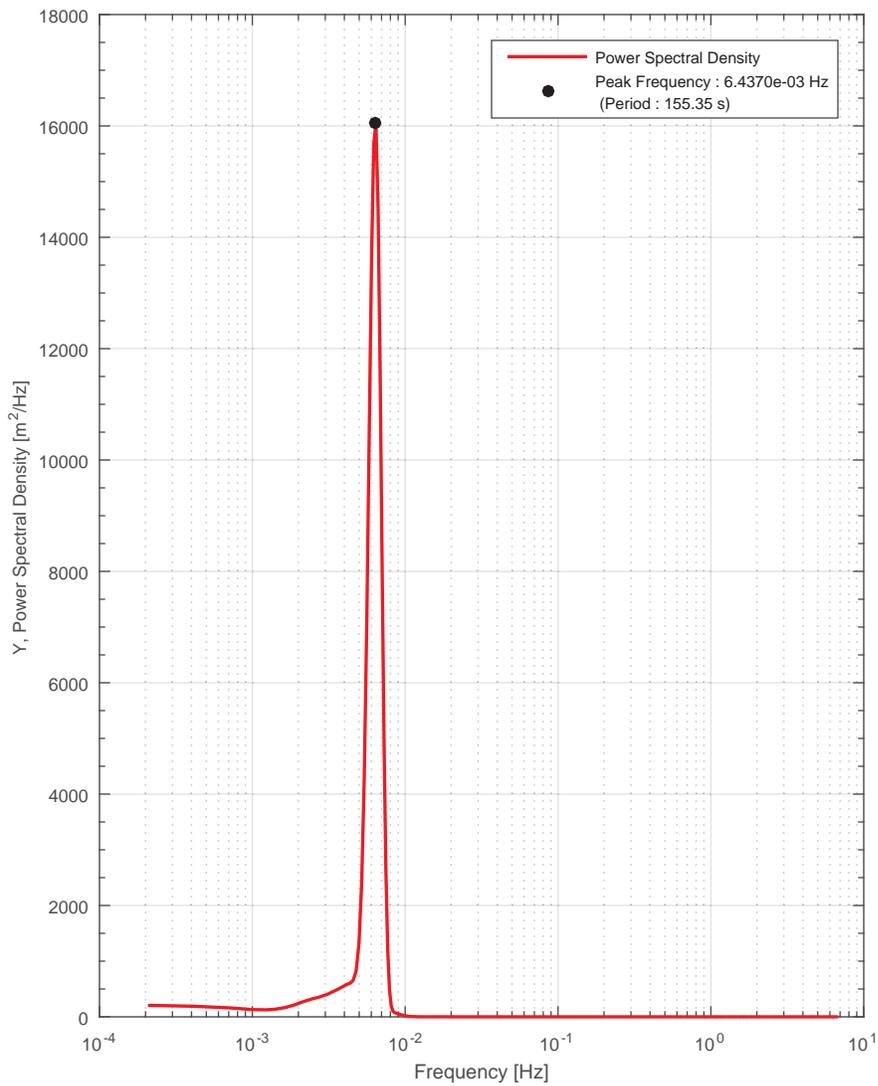
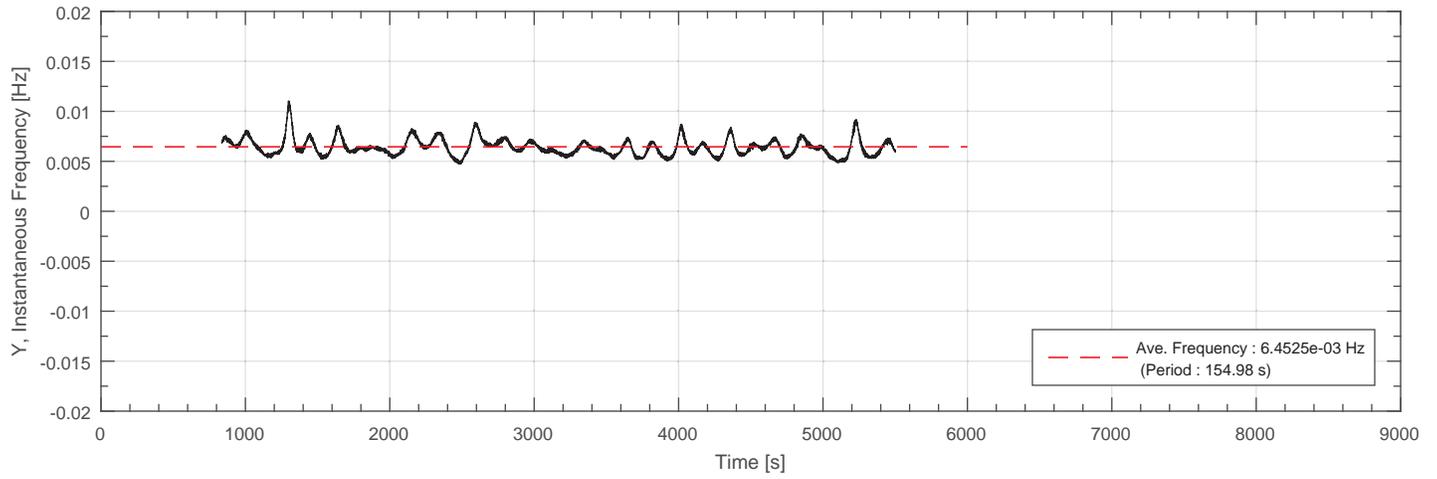
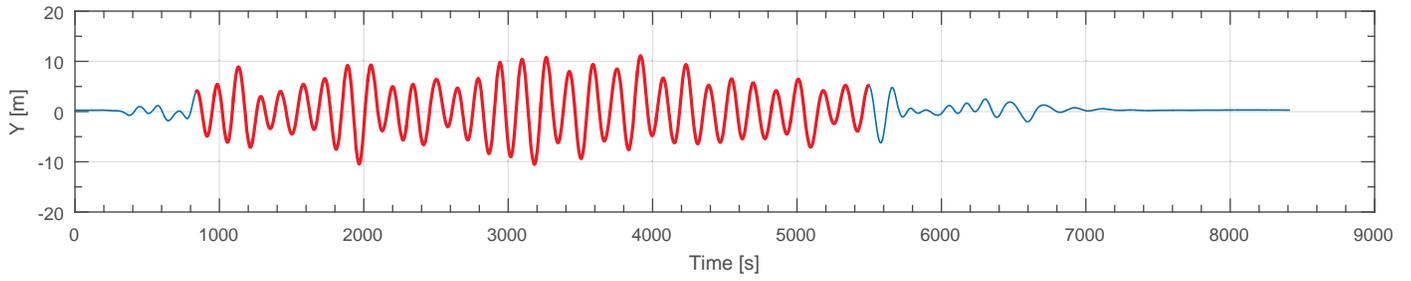
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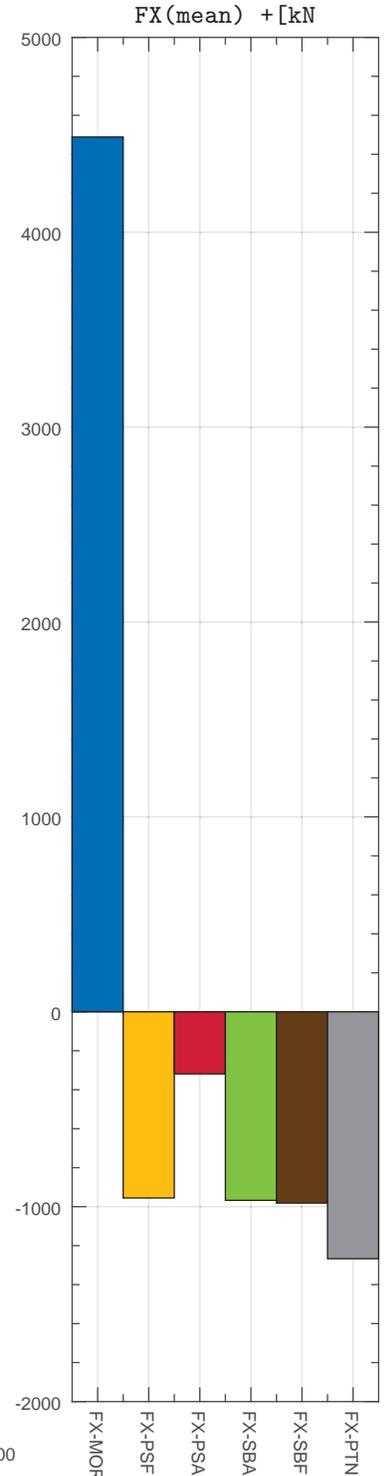
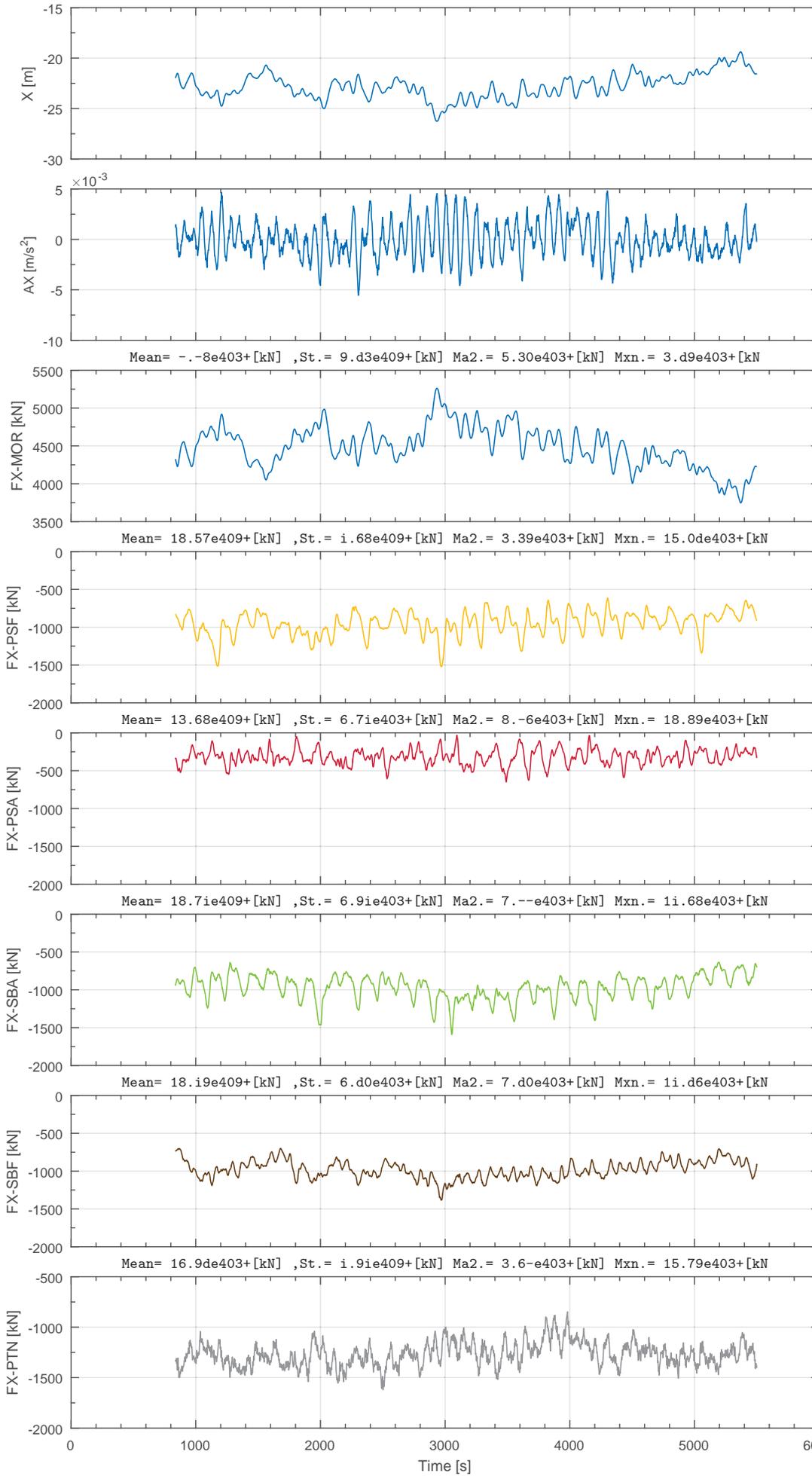
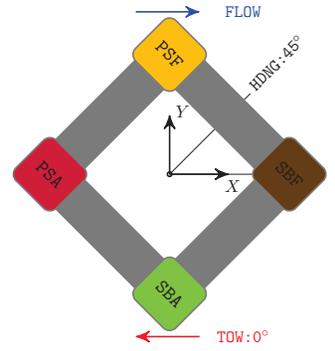
| | | |
|------------|---|---------------|
| Ur | : | 8.00 |
| Vc (mean) | : | 1.28 m/s |
| Tow Dirn. | : | 0.00 deg |
| Heading | : | 45.00 deg |
| Time,Begin | : | 836.55 s |
| Time,End | : | 5500.35 s |
| X,mean | : | -22.80 m |
| Y,nom. | : | 6.94 m |
| Y,max. | : | 10.82 m |
| D | : | 31.04 m |
| Anom/D | : | 0.22 |
| Amax/D | : | 0.35 |
| Yaw,max. | : | 0.93 deg |
| Yaw,min. | : | -1.64 deg |
| Damping | : | 1962.30 kNs/m |



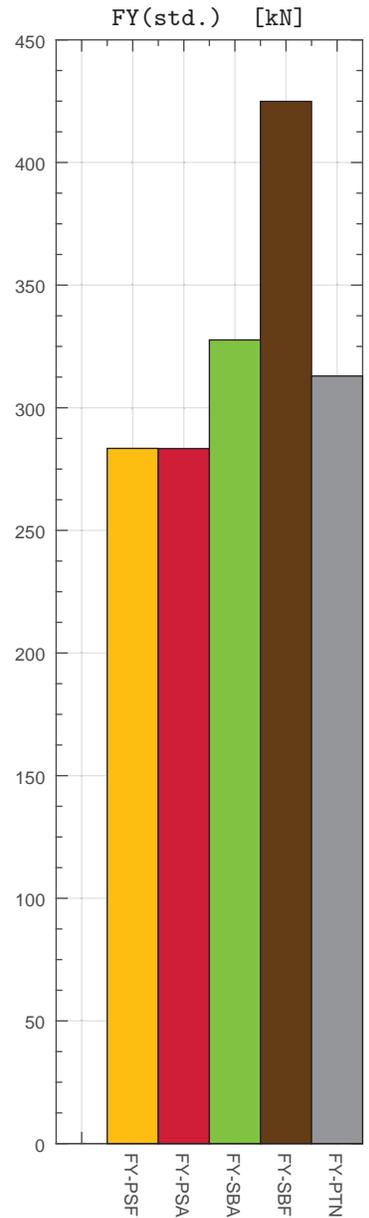
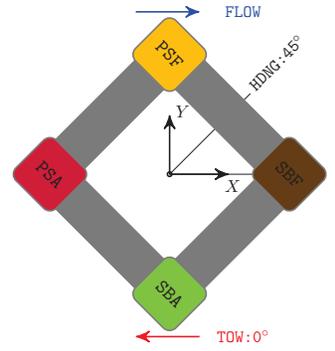
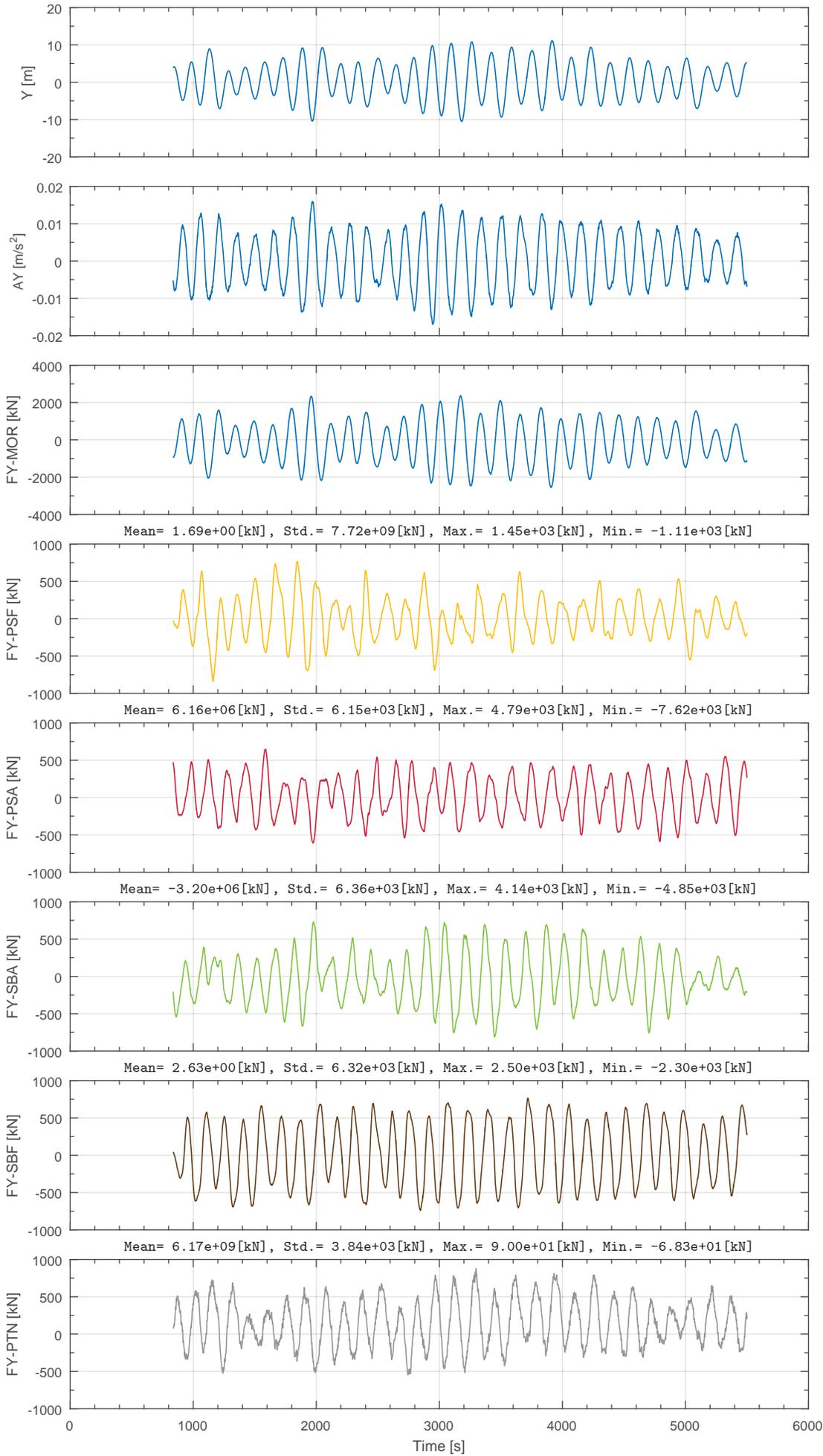
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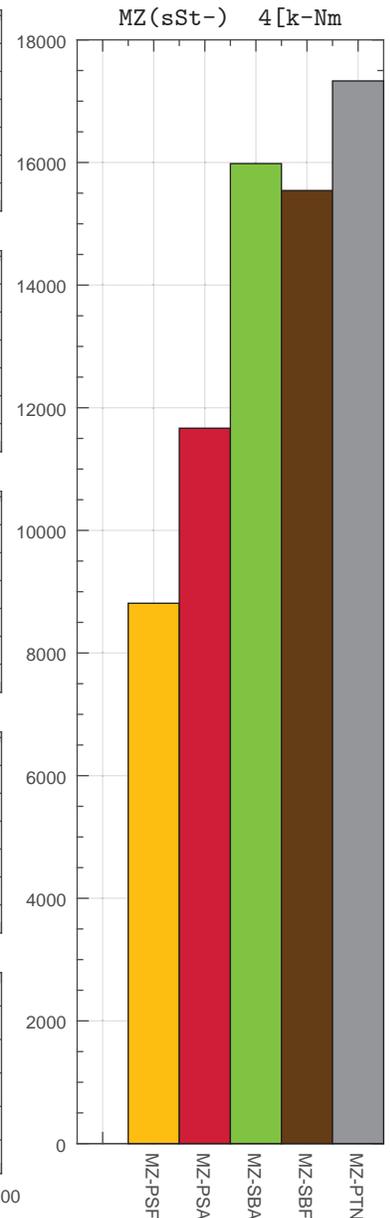
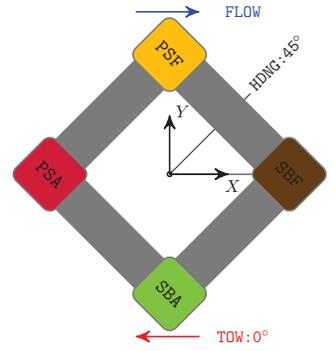
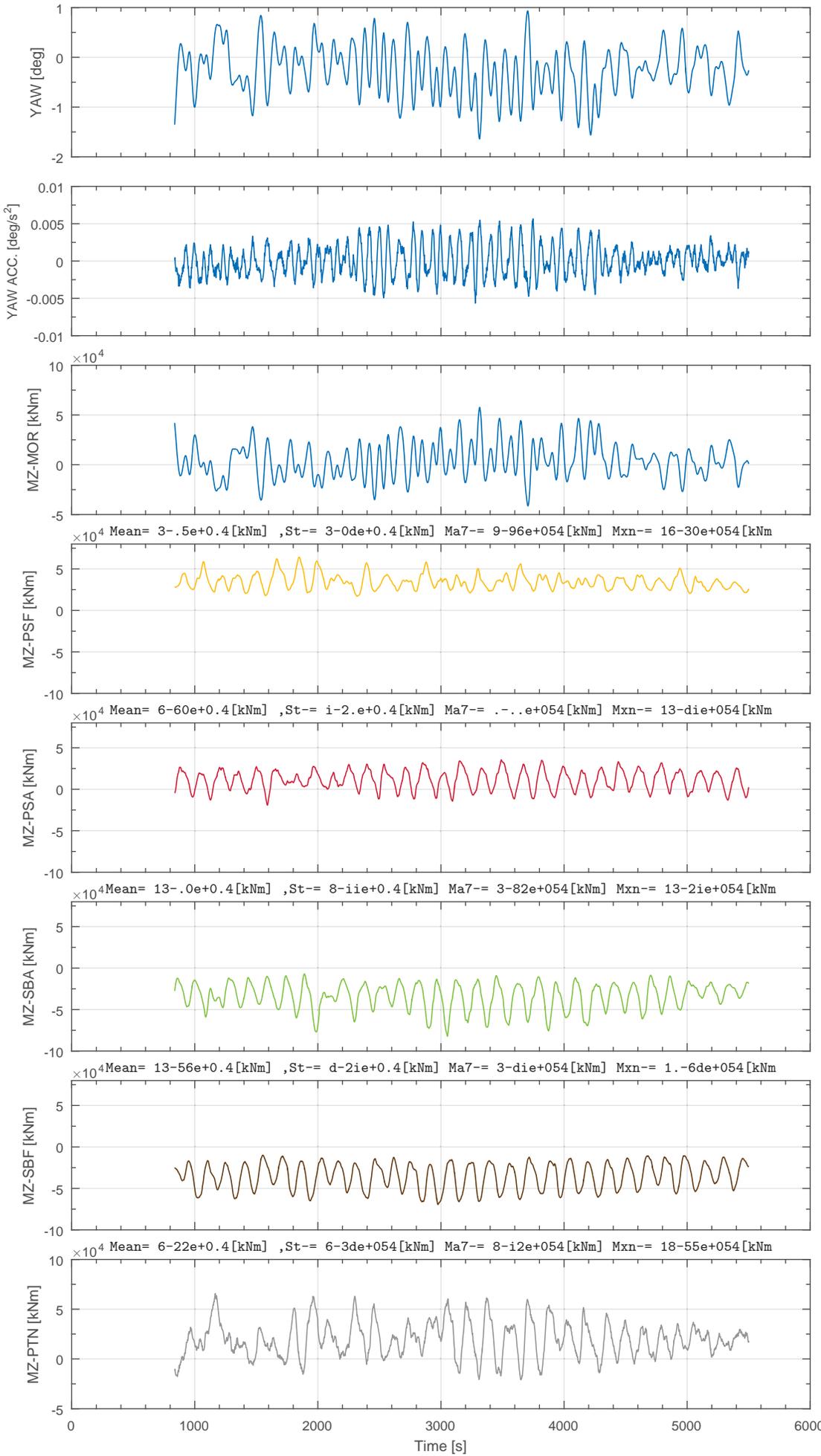
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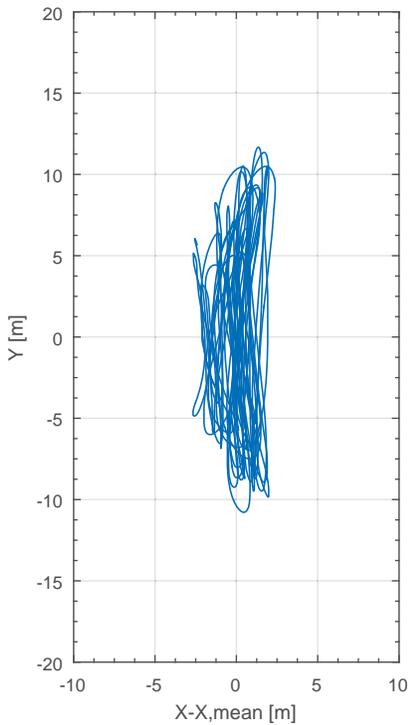
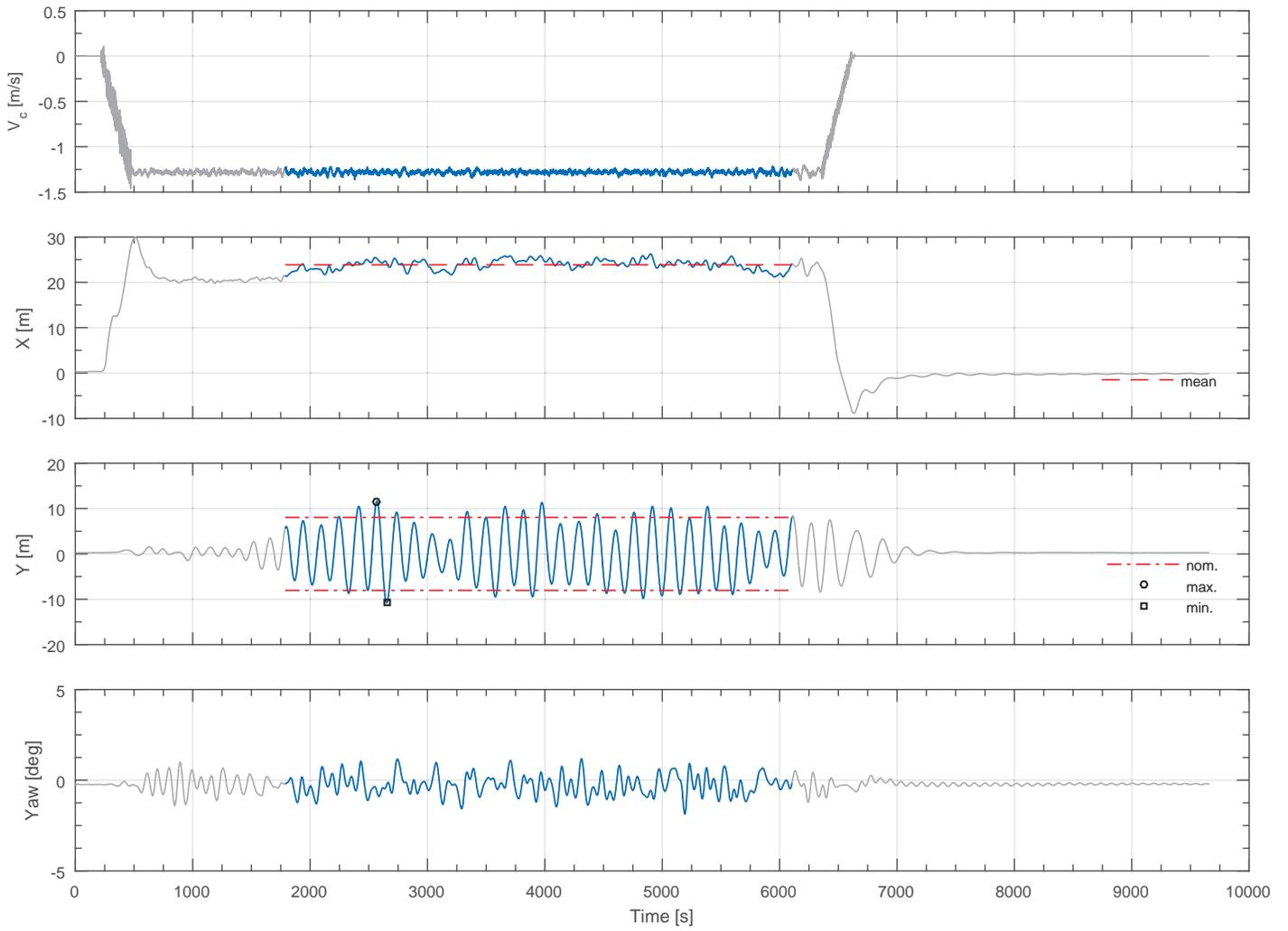
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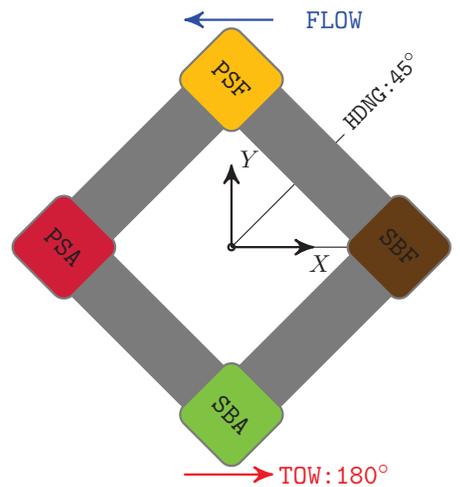
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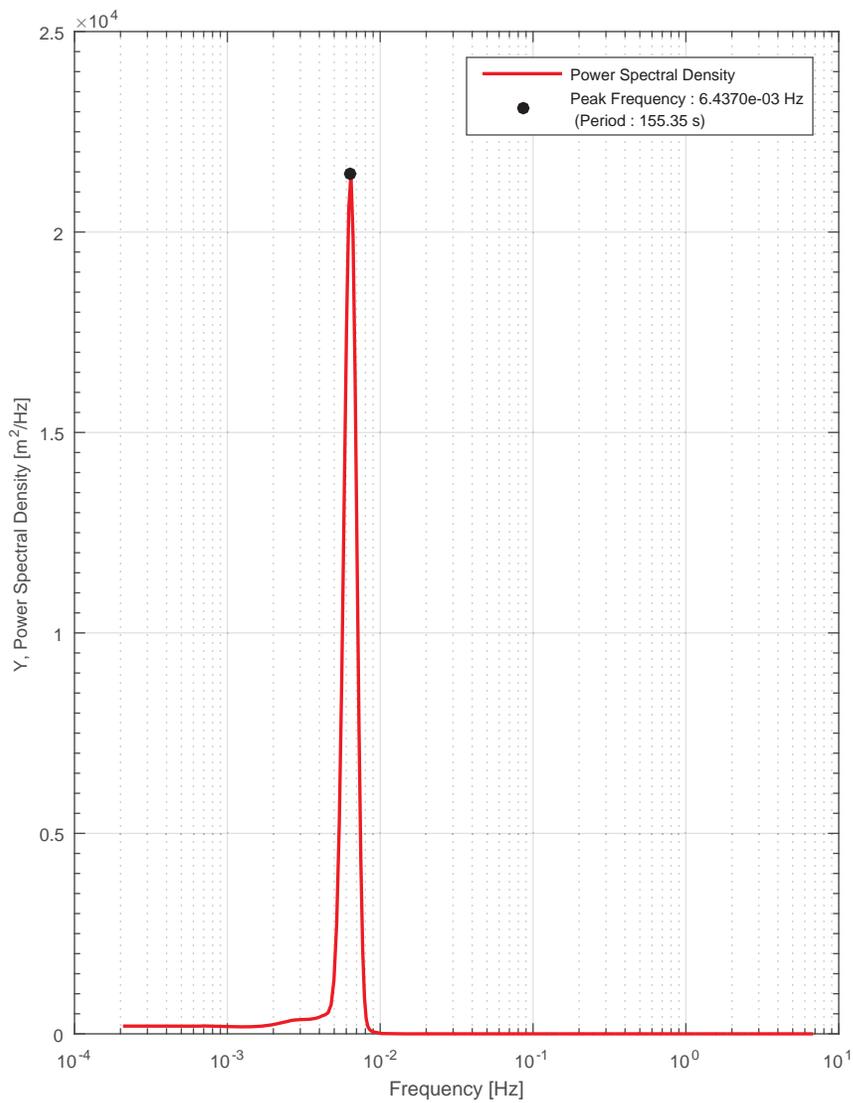
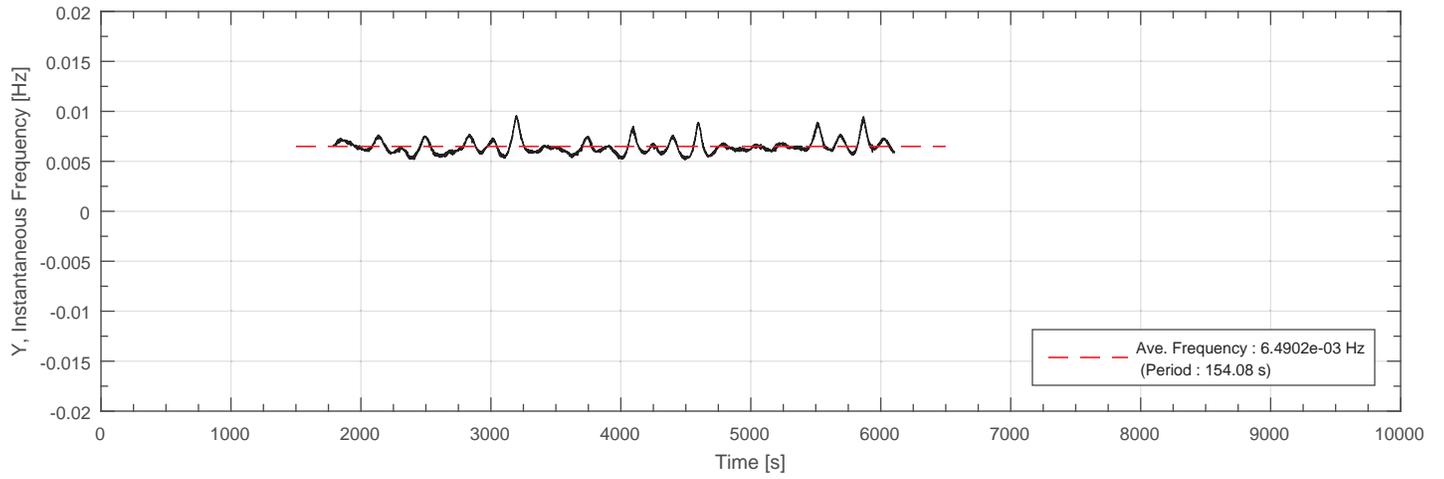
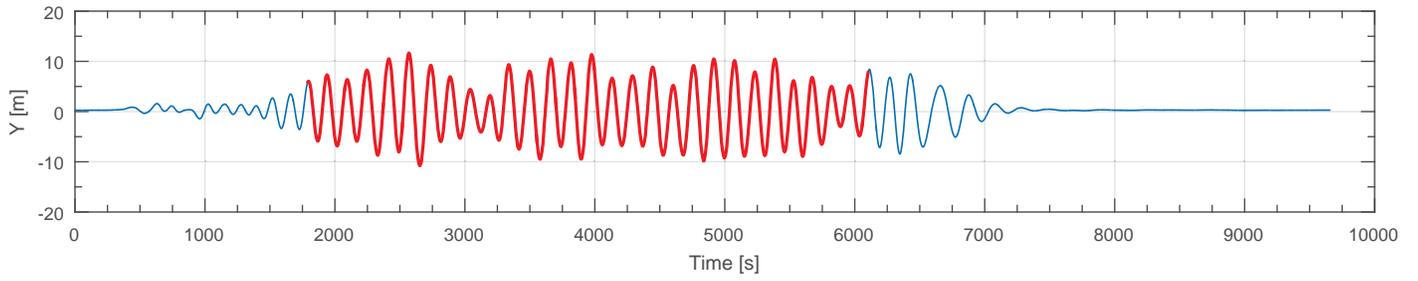
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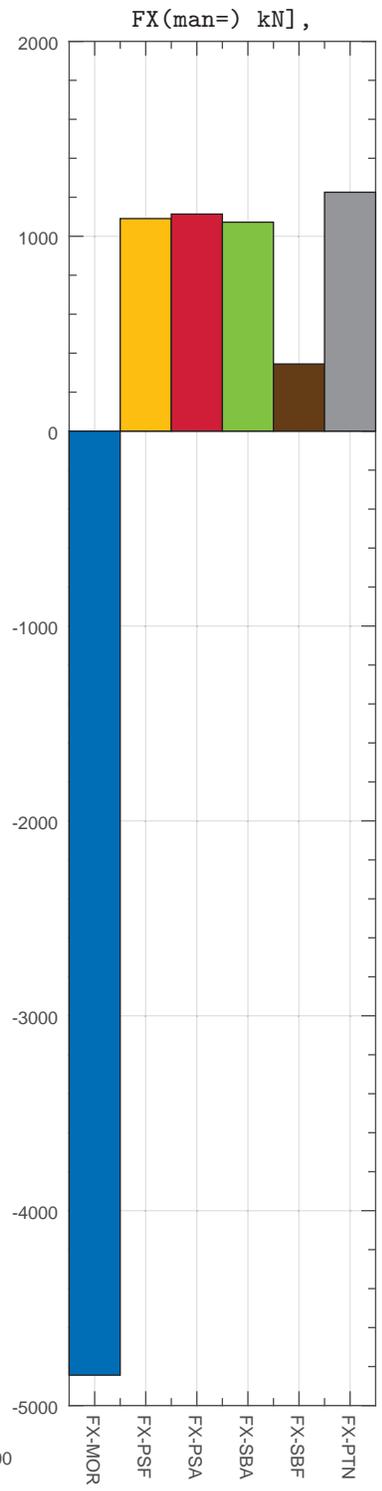
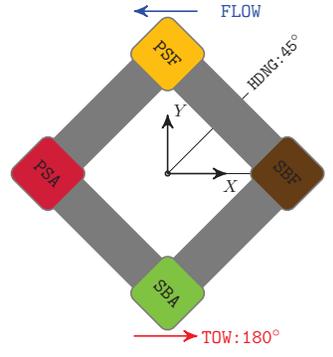
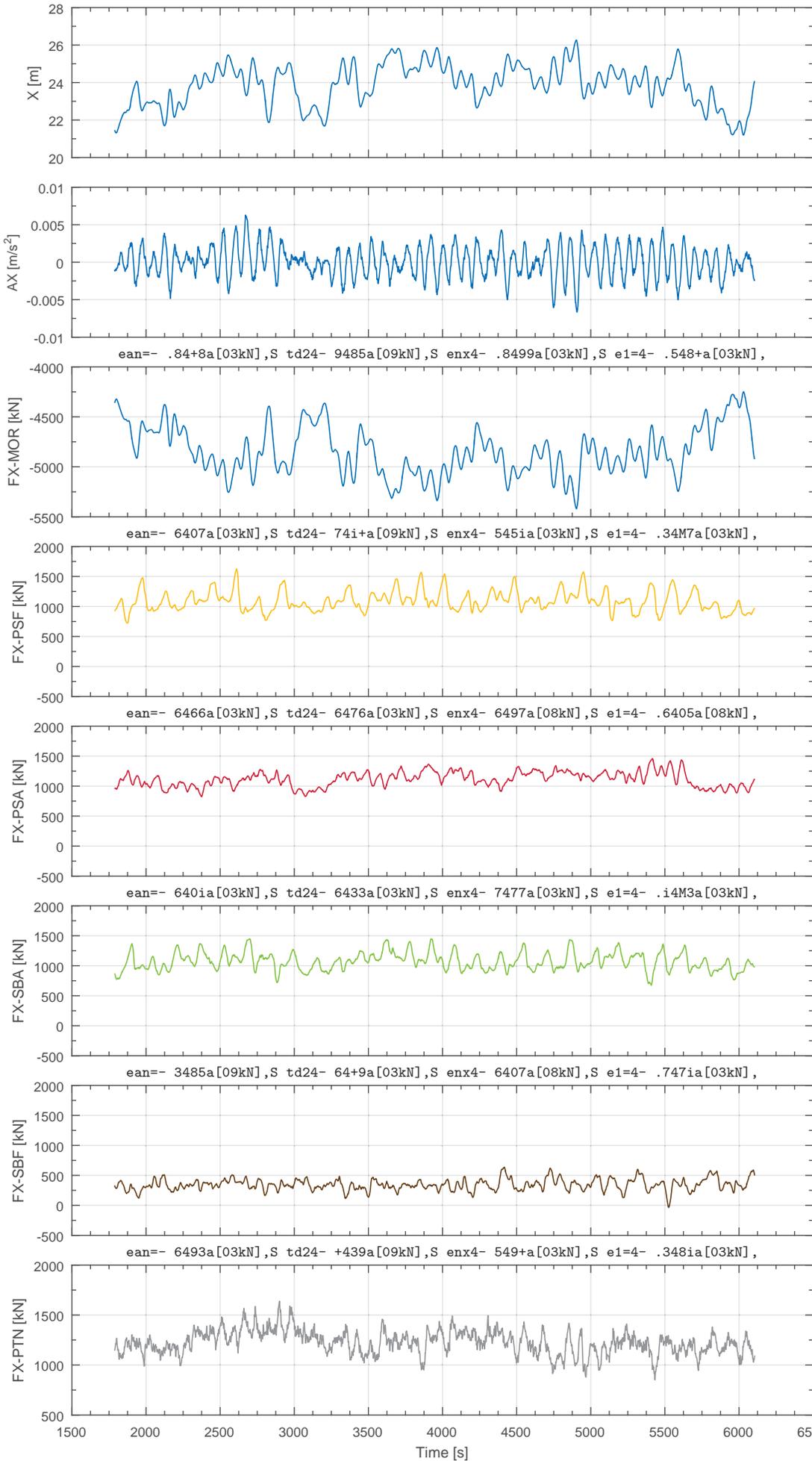
| | | |
|-------------|---|---------------|
| Ur | : | 8.00 |
| Vc (mean) | : | -1.28 m/s |
| Tow Dirn. | : | 180.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 1787.60 s |
| Time, End | : | 6105.65 s |
| X, mean | : | 23.87 m |
| Y, nom. | : | 8.05 m |
| Y, max. | : | 11.23 m |
| D | : | 31.04 m |
| Anom/D | : | 0.26 |
| Amax/D | : | 0.36 |
| Yaw, max. | : | 1.19 deg |
| Yaw, min. | : | -1.87 deg |
| Damping | : | 1962.30 kNs/m |



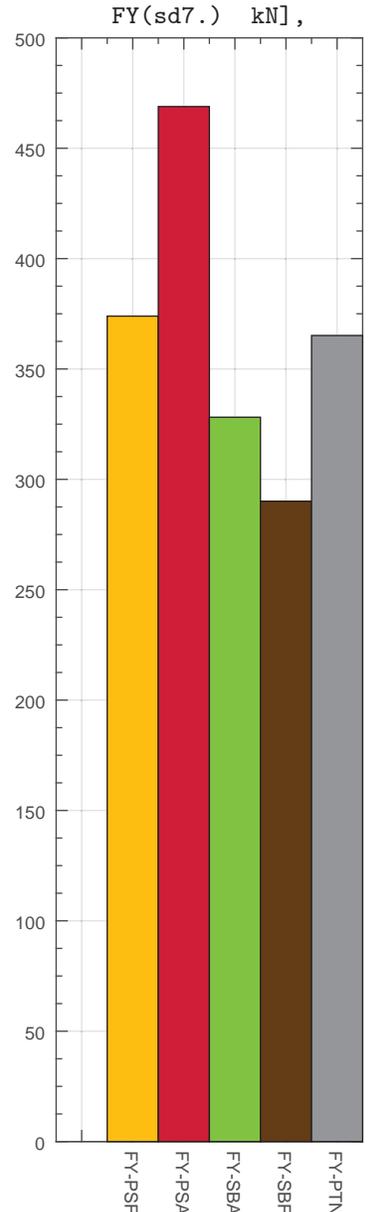
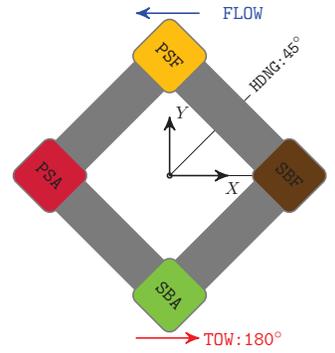
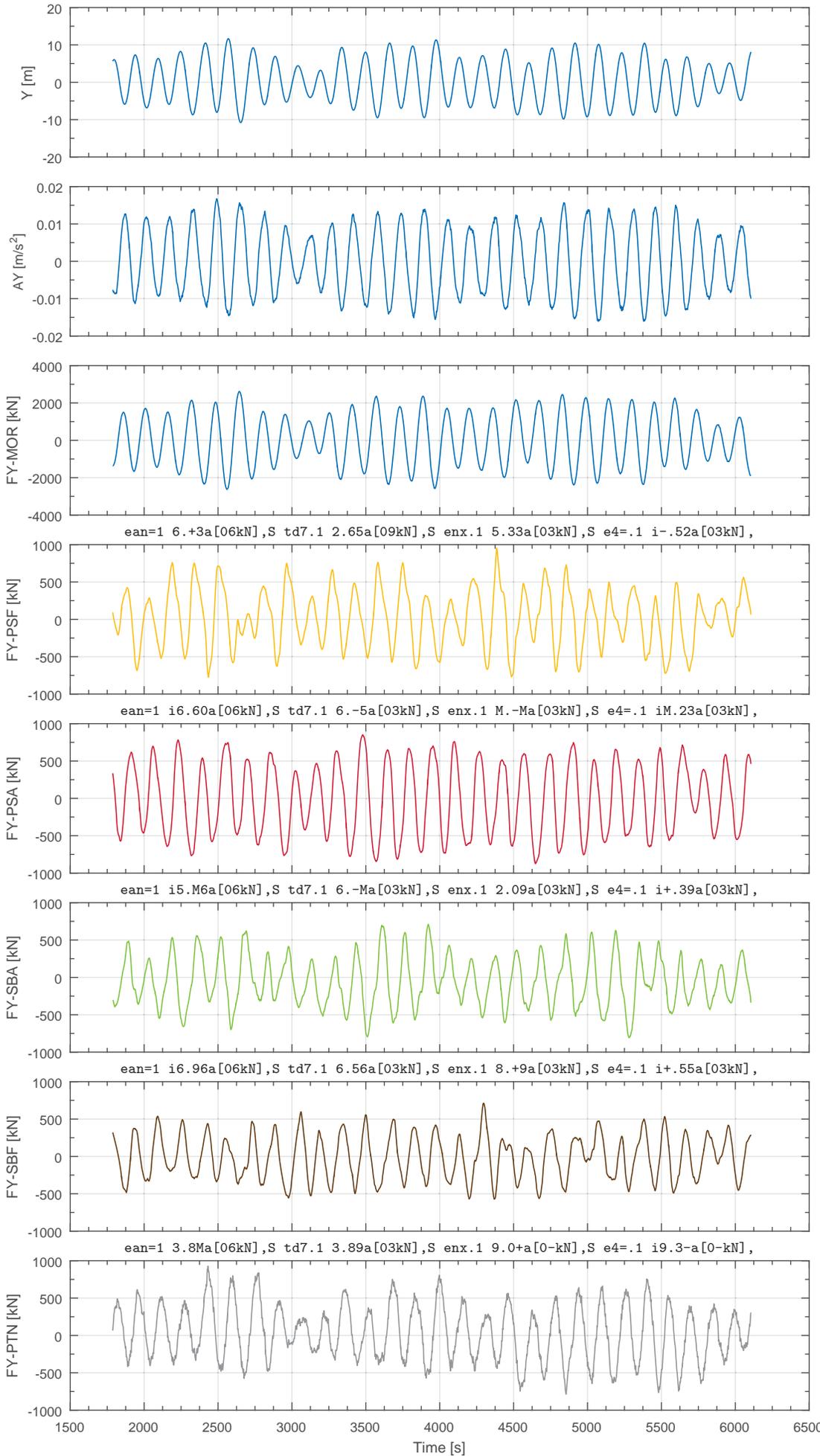
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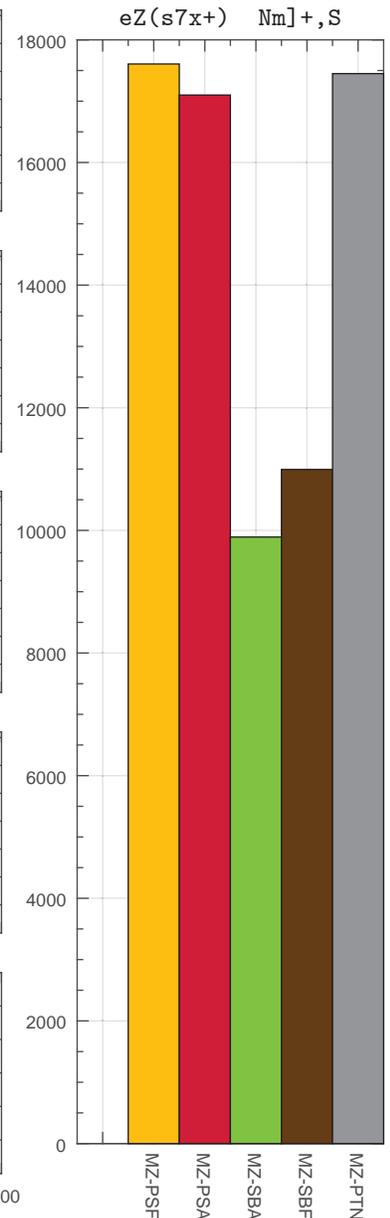
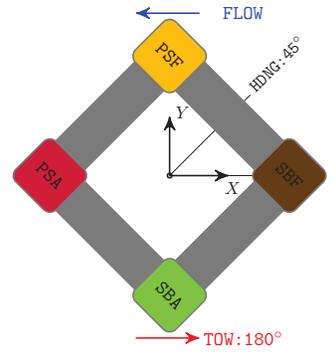
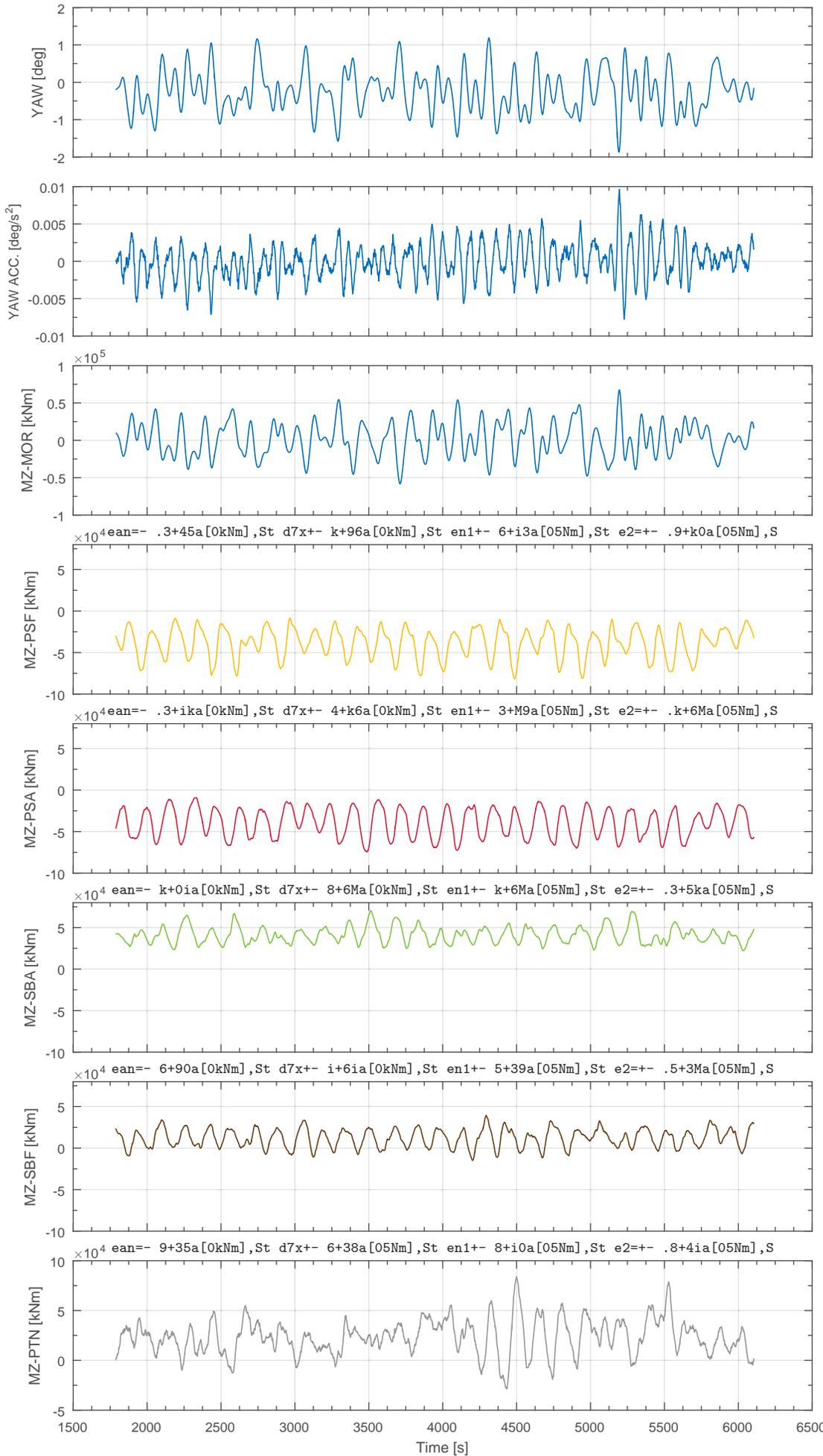
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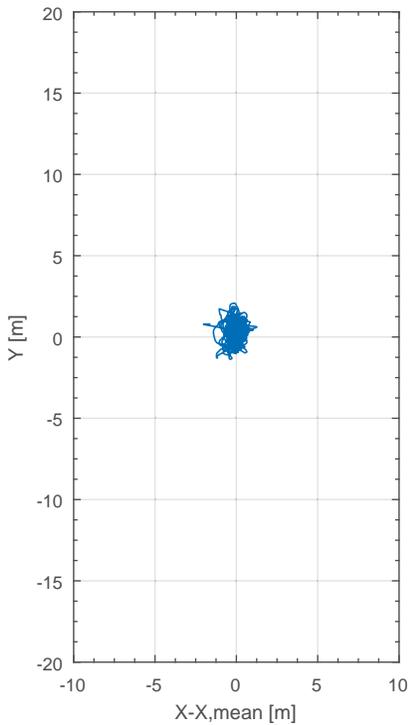
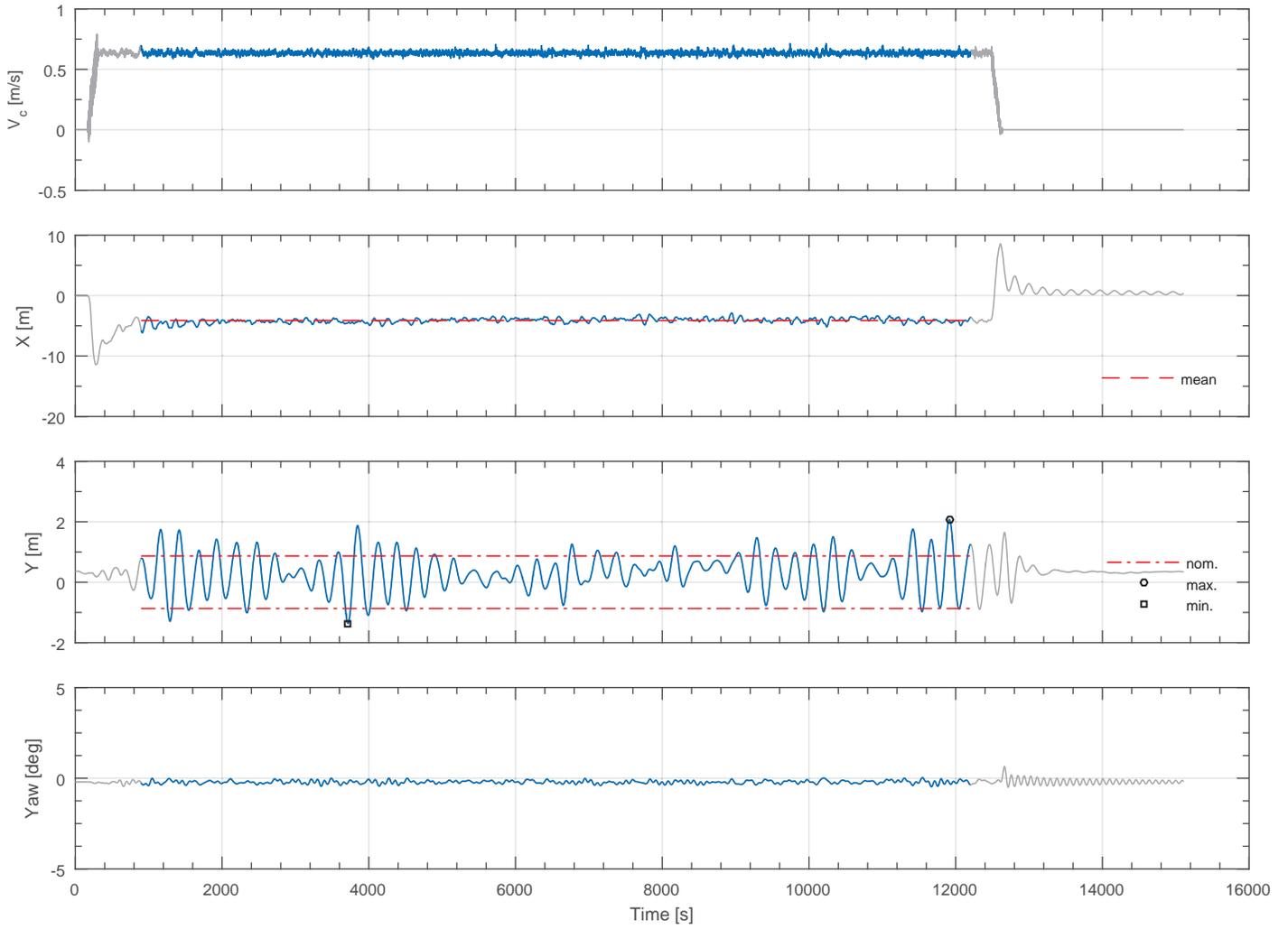
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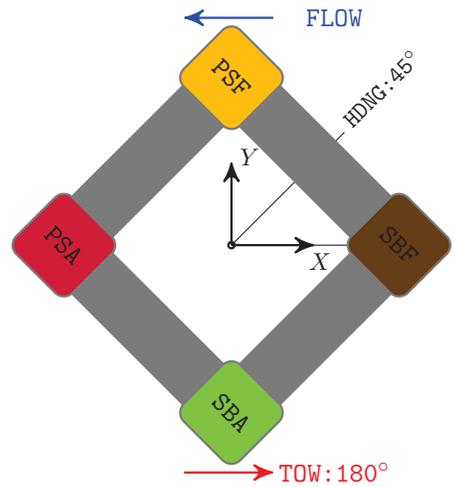
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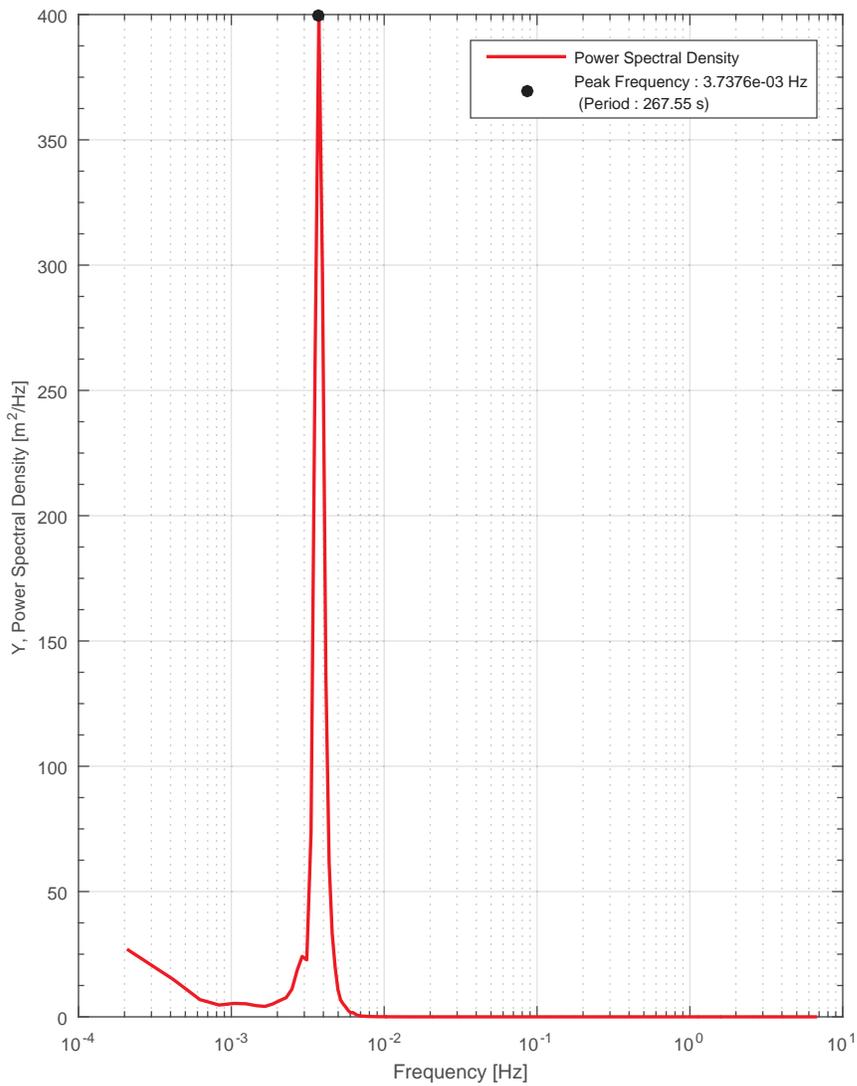
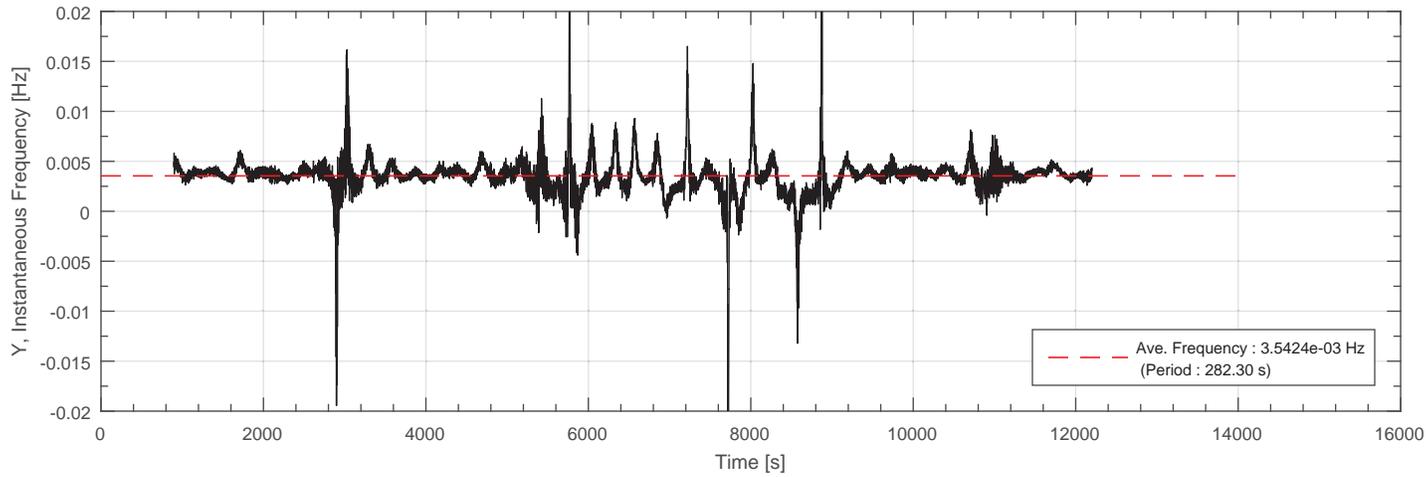
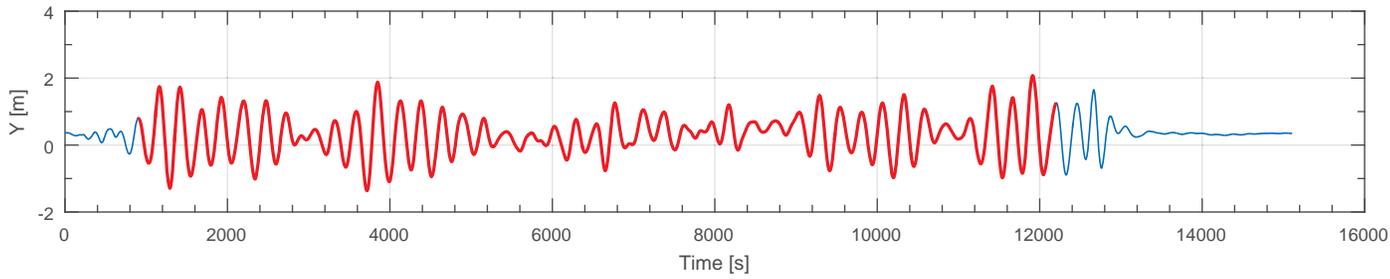
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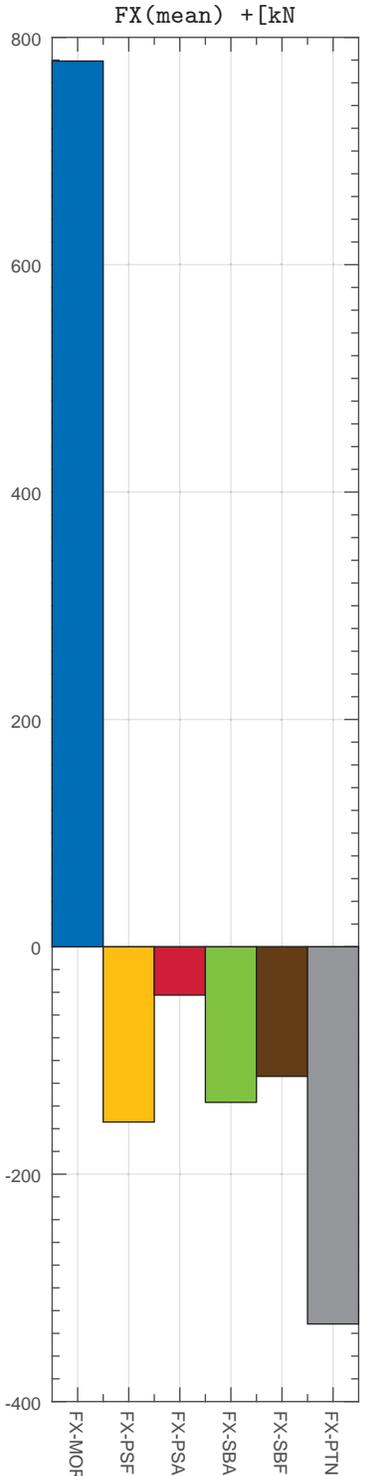
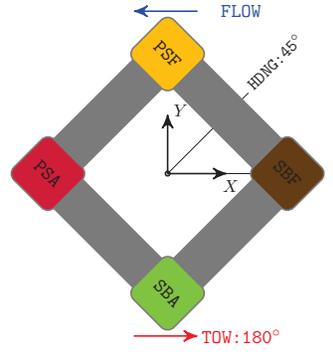
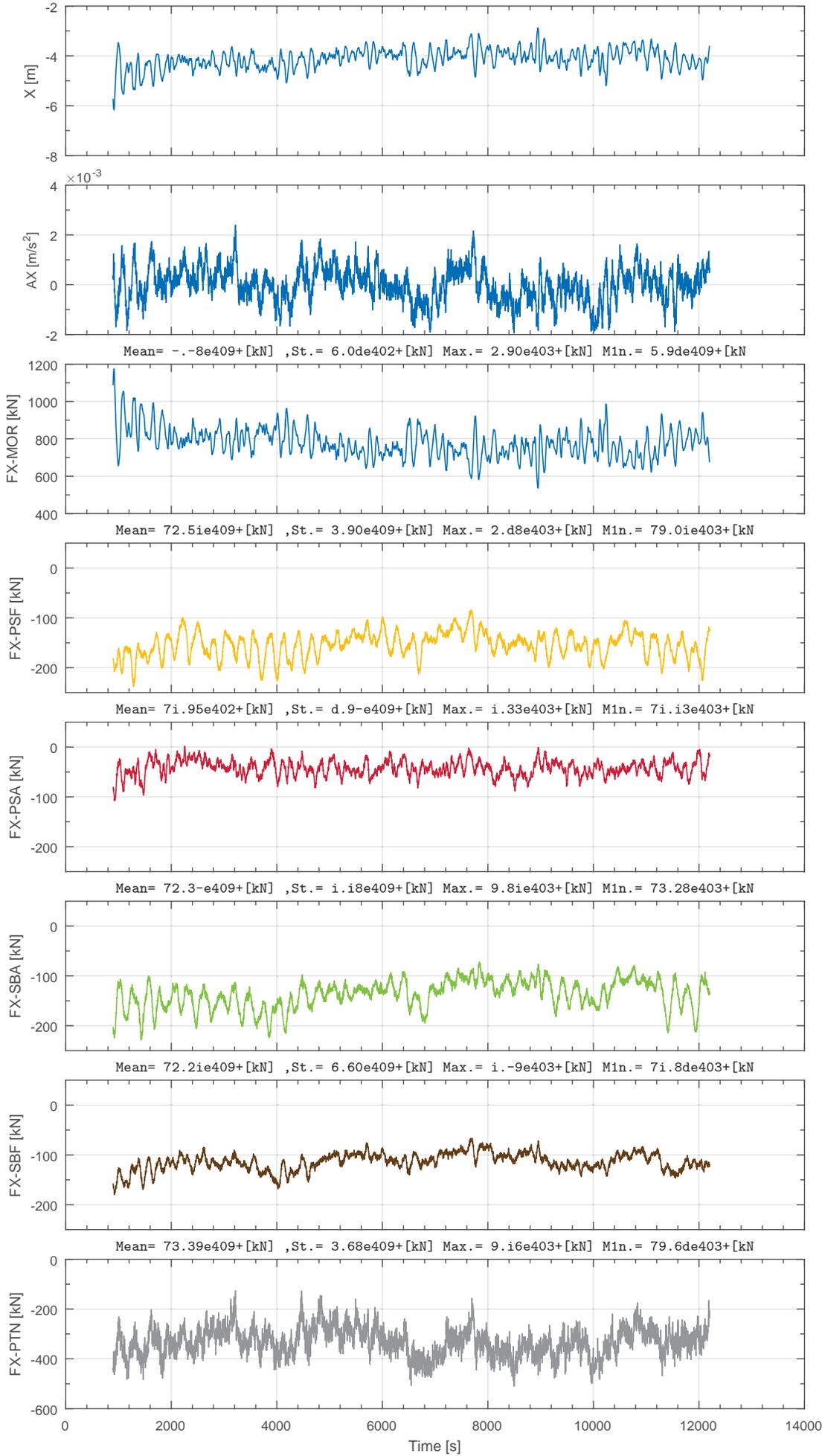
| | | |
|-------------|---|---------------|
| Ur | : | 4.00 |
| Vc (mean) | : | 0.64 m/s |
| Tow Dirn. | : | 180.00 deg |
| Heading | : | 45.00 deg |
| Time, Begin | : | 896.52 s |
| Time, End | : | 12199.76 s |
| X, mean | : | -4.13 m |
| Y, nom. | : | 0.87 m |
| Y, max. | : | 1.72 m |
| D | : | 31.04 m |
| Anom/D | : | 0.03 |
| Amax/D | : | 0.06 |
| Yaw, max. | : | 0.03 deg |
| Yaw, min. | : | -0.48 deg |
| Damping | : | 2616.30 kNs/m |



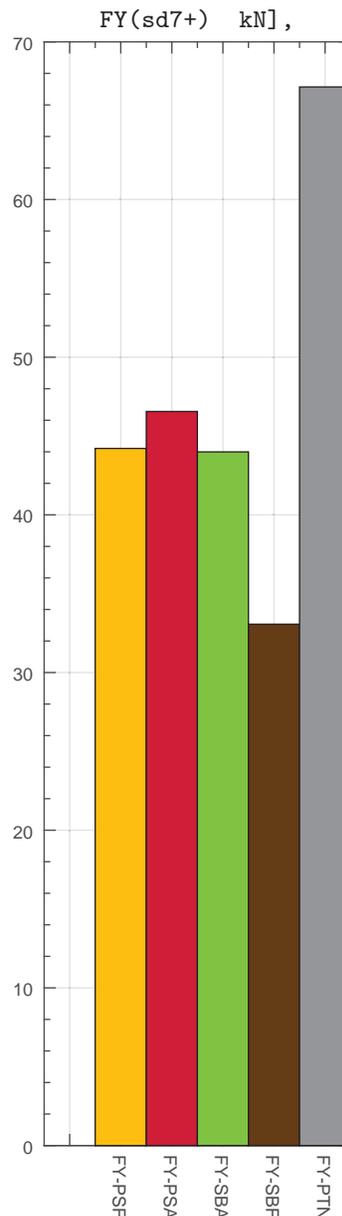
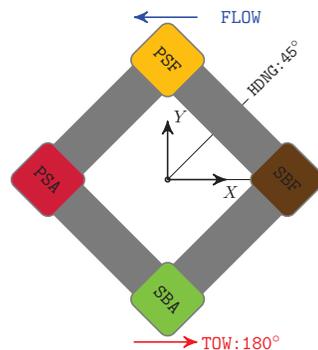
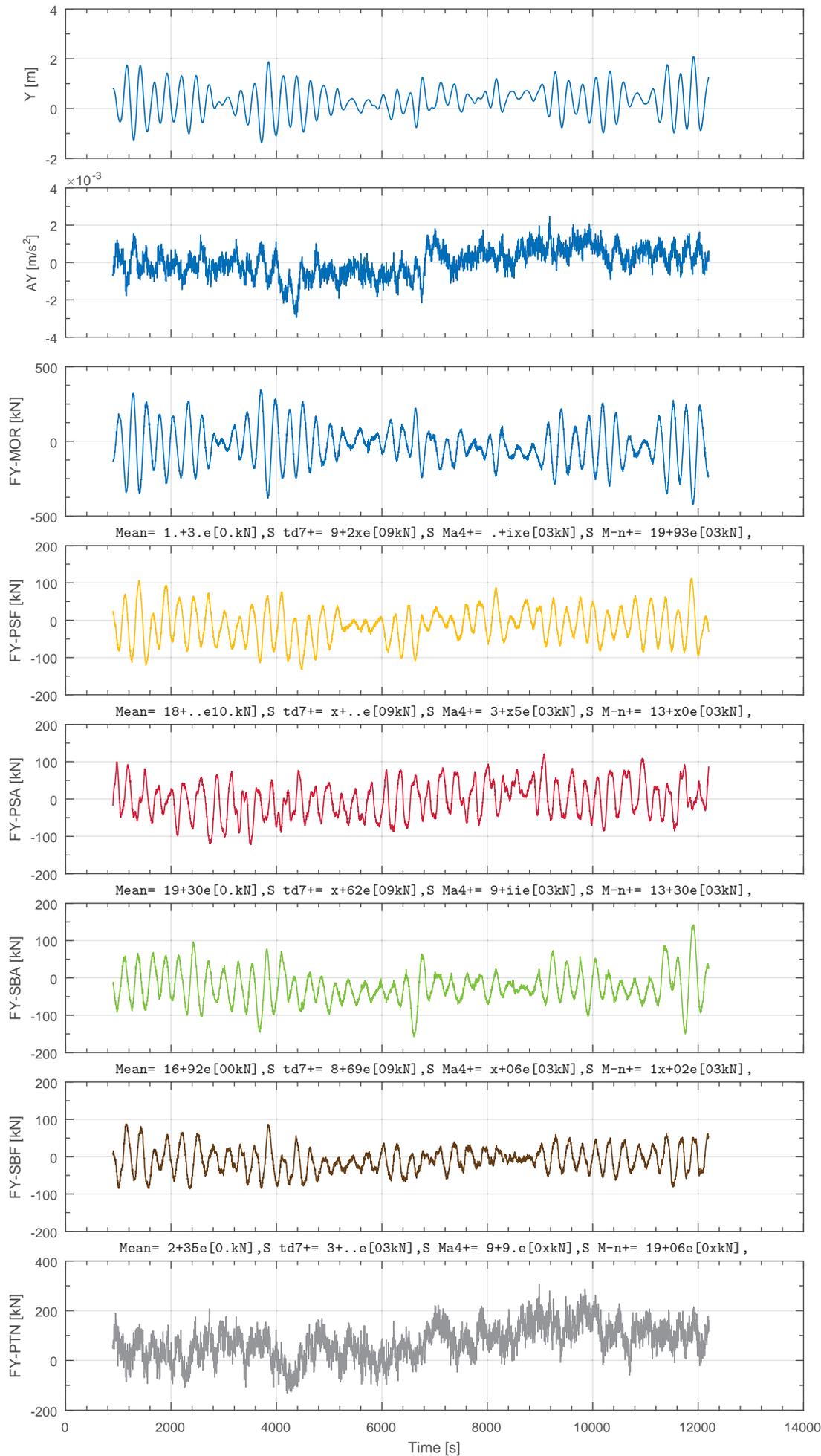
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305069



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