SPECTRAL ANALYSIS RESULTS

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2 SPECTRAL ANALYSIS RESULTS

2.1 SETUP 1: UNCOUPLED CONDITION, WAVE HEADING 90 DEGREES

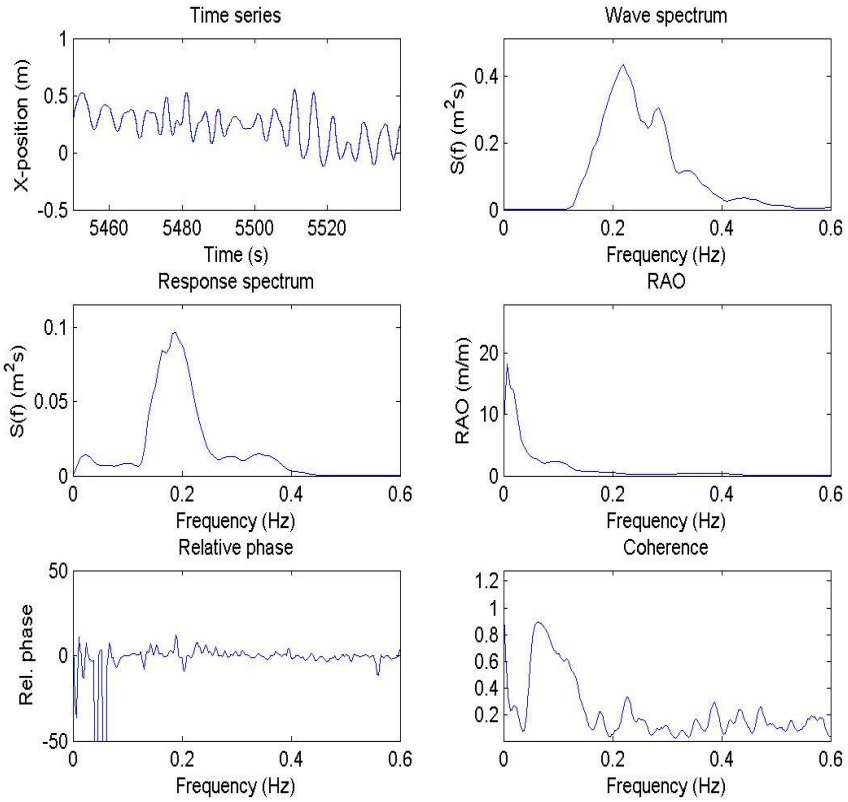

Figure A - 1: Spectral analysis setup 1, surge

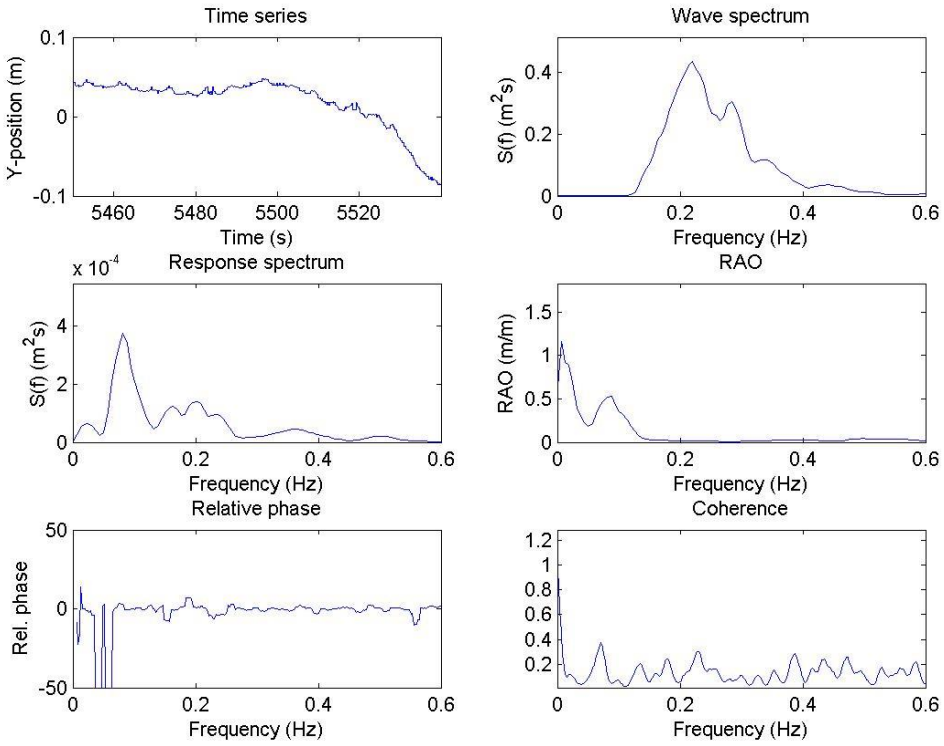

Figure A - 2: Spectral analysis setup 1, sway

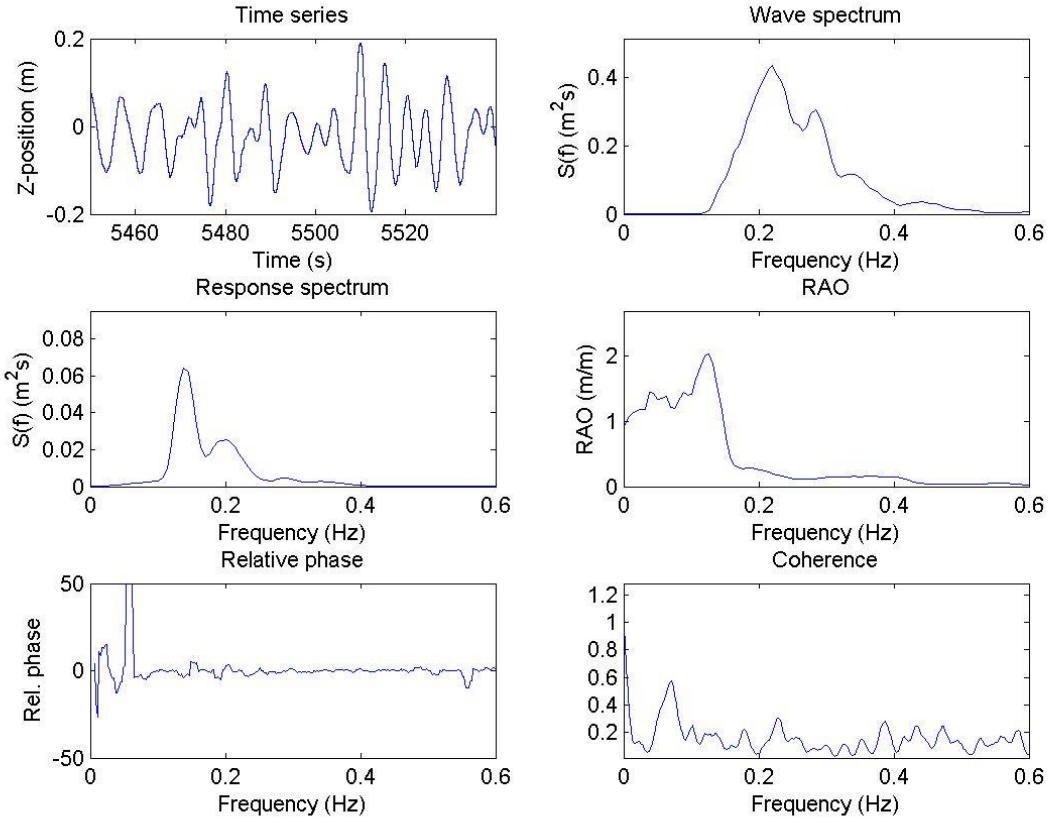

Figure A - 4: Spectral analysis setup 1, heave

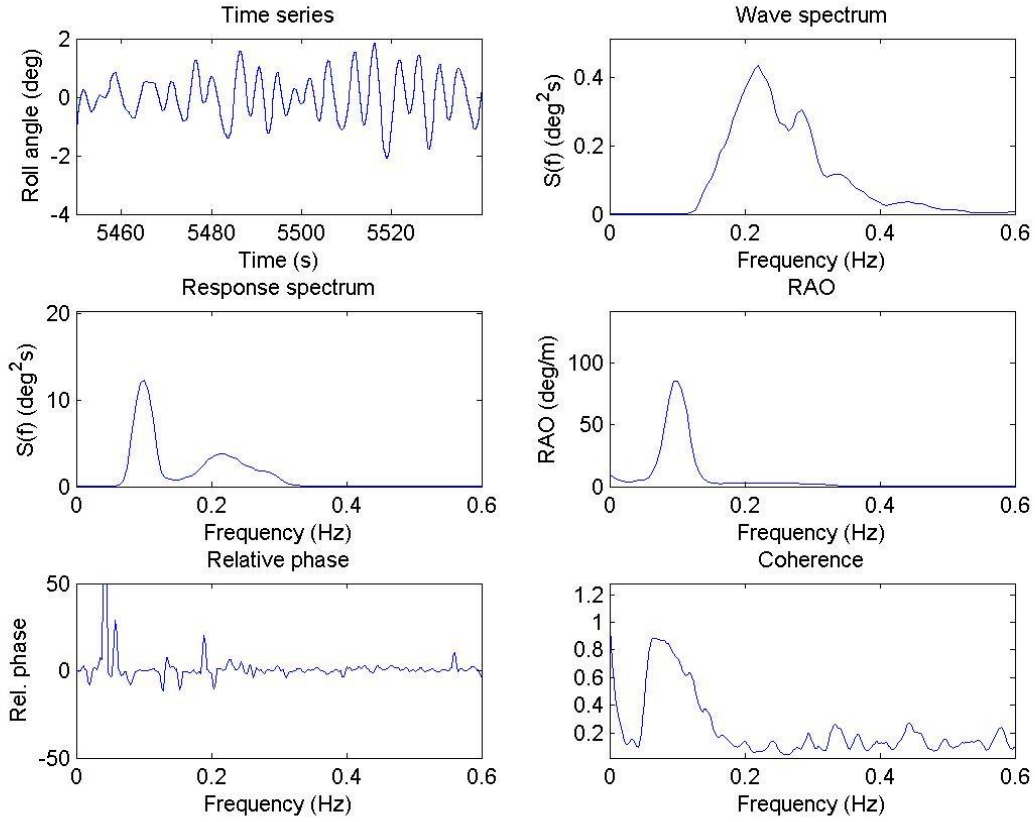

Figure A - 3: Spectral analysis setup 1, roll

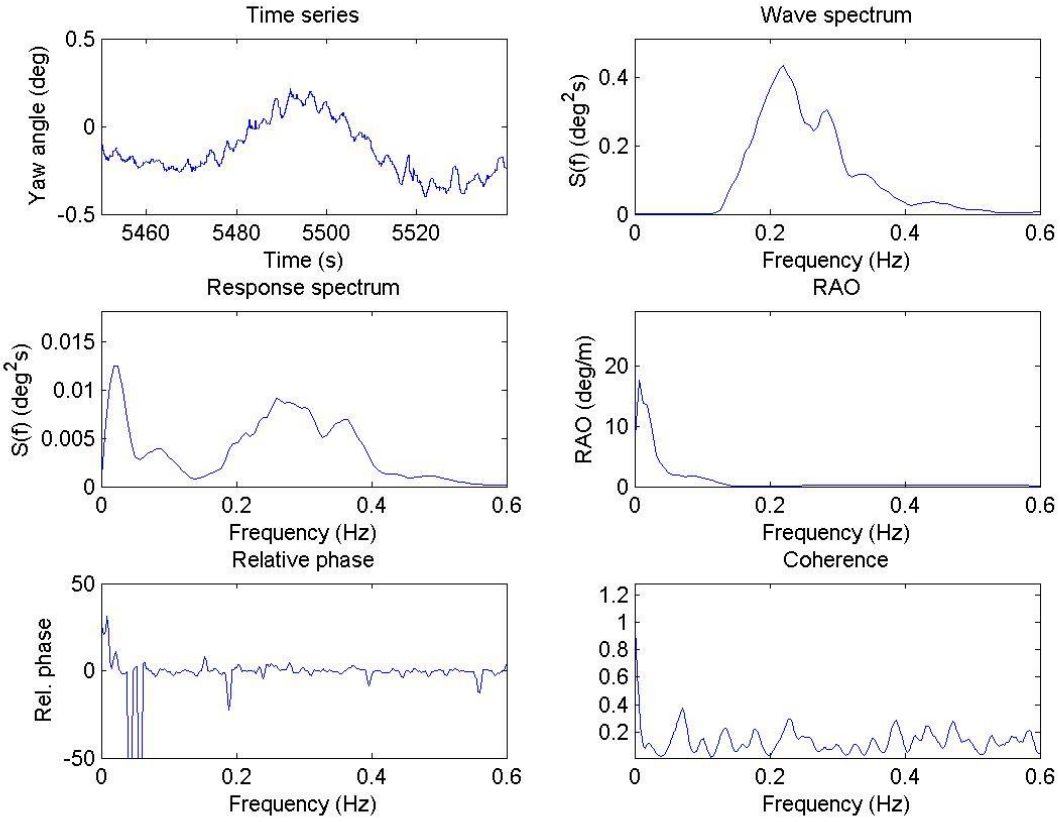

Figure A - 5: Spectral analysis setup 1, yaw

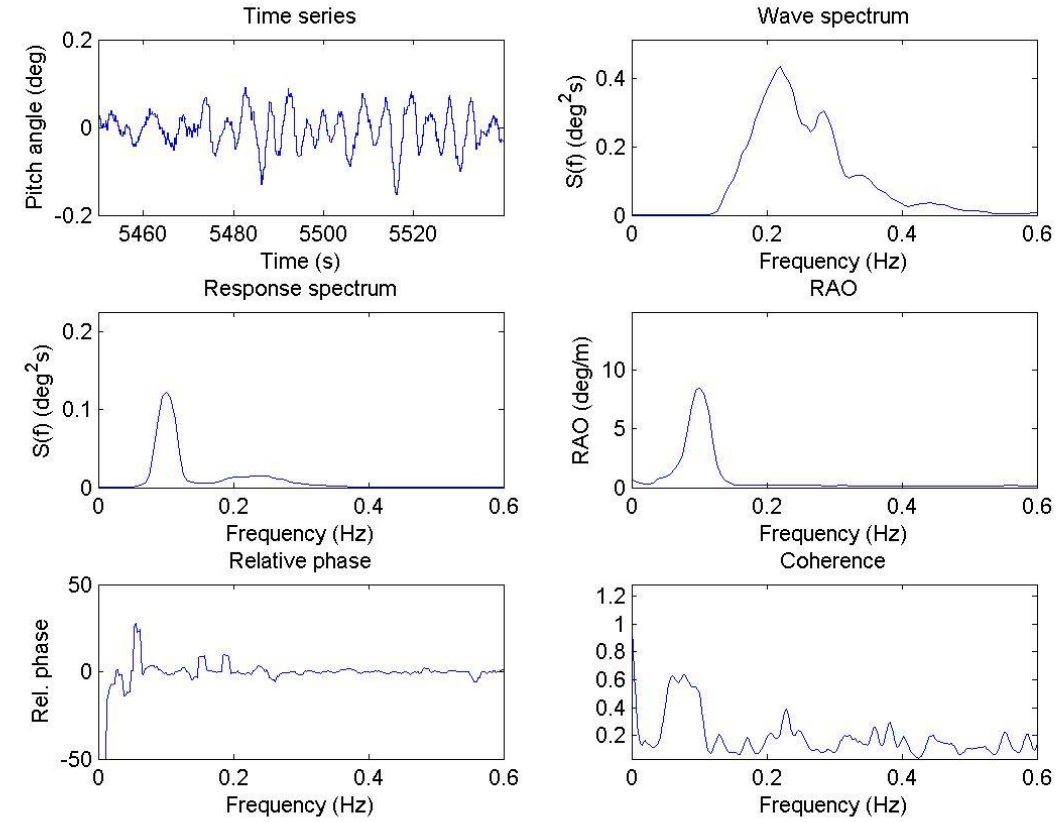

Figure A - 6: Spectral analysis setup 1, pitch

2.2 SETUP 2: UNCOUPLED CONDITION, WAVE HEADING 0 DEGREES

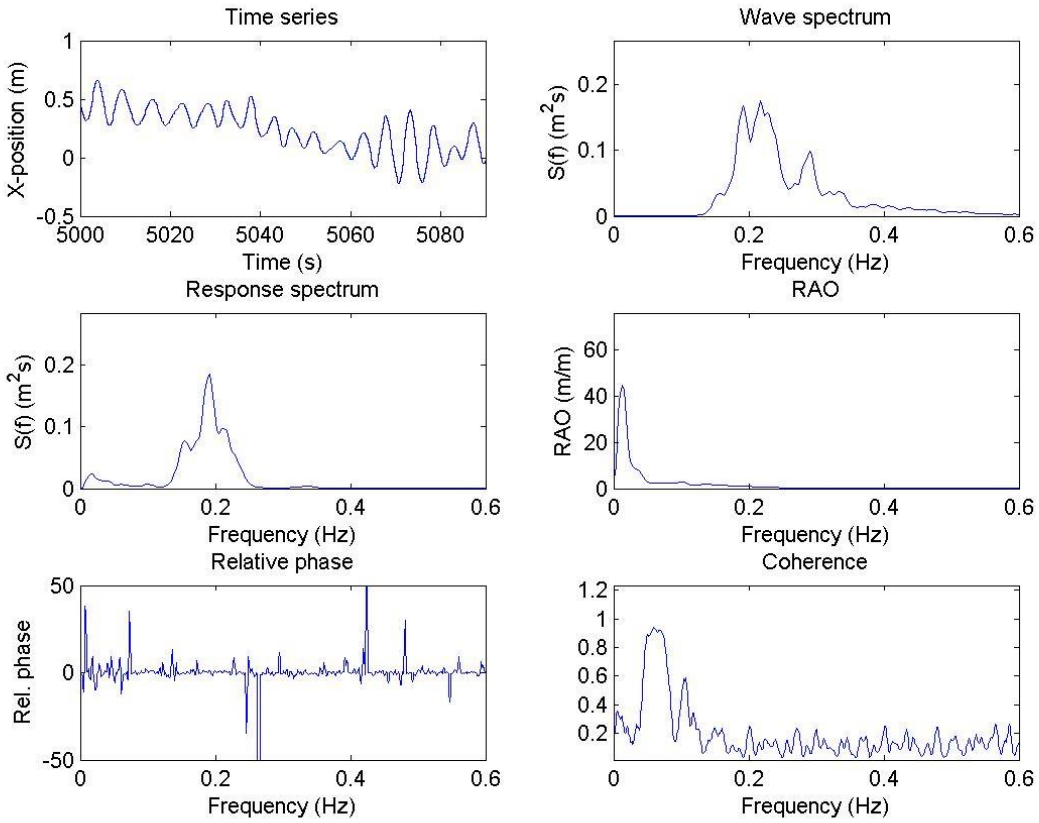

Figure A - 7: Spectral analysis setup 2, surge

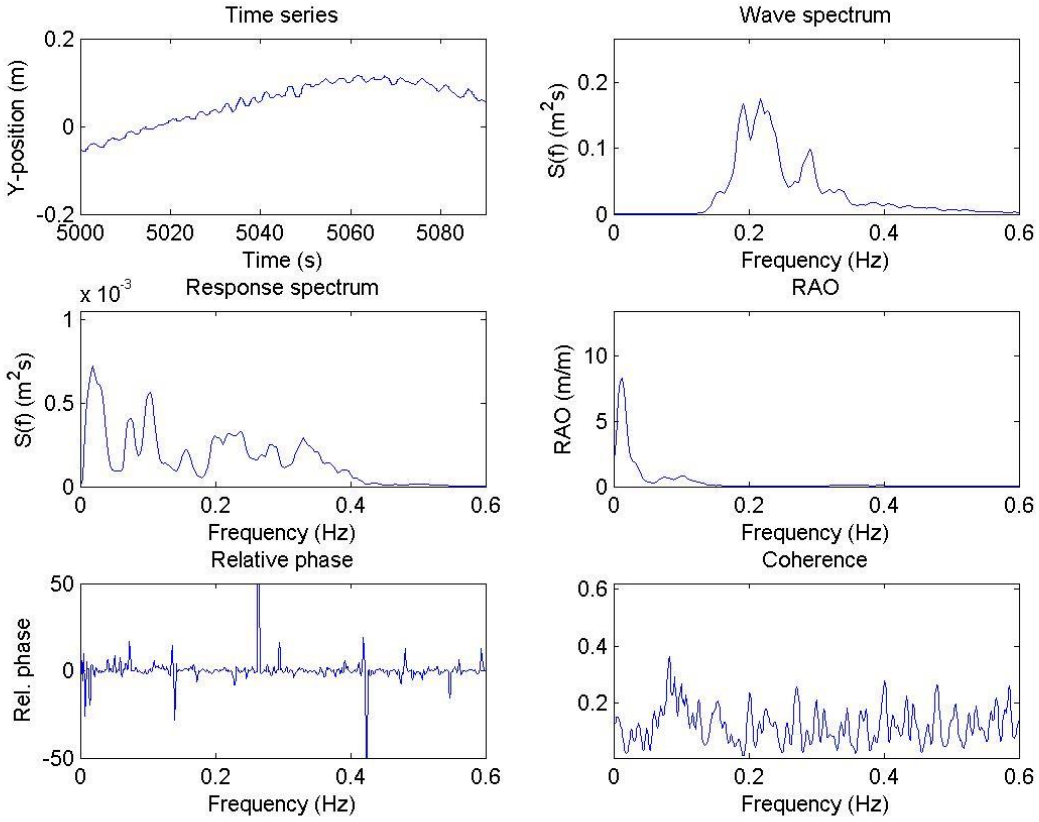

Figure A - 8: Spectral analysis setup 2, sway

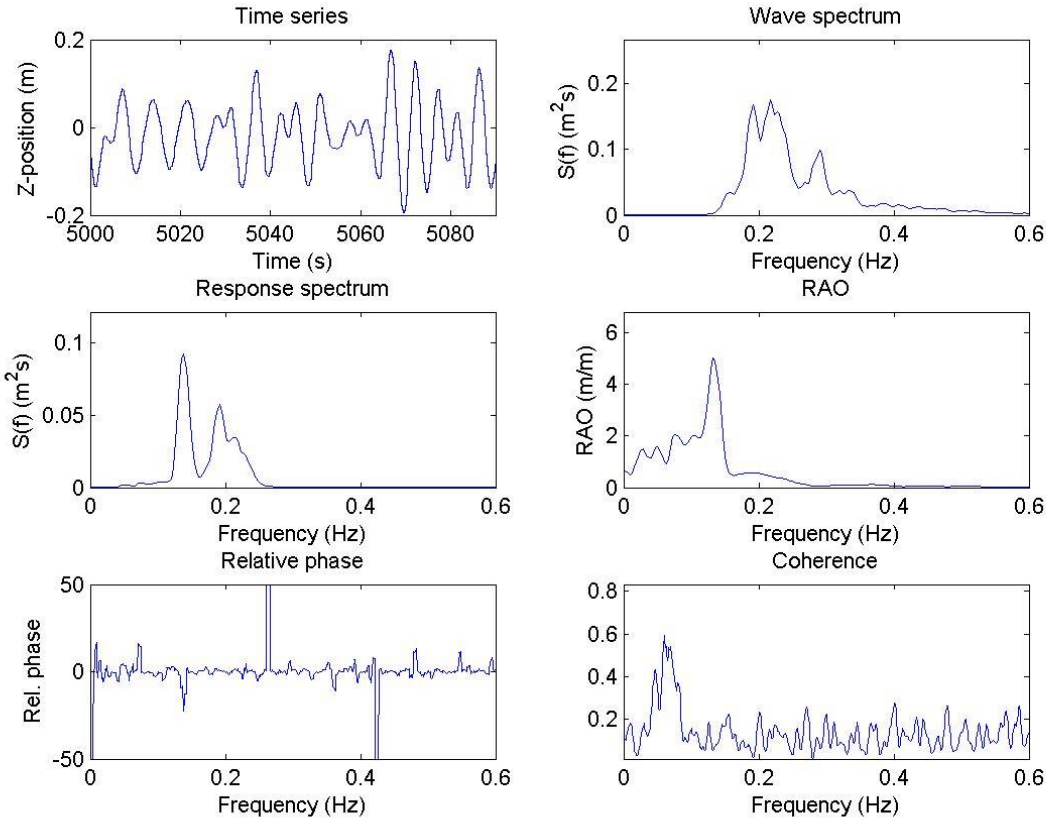

Figure A - 10: Spectral analysis setup 2, heave

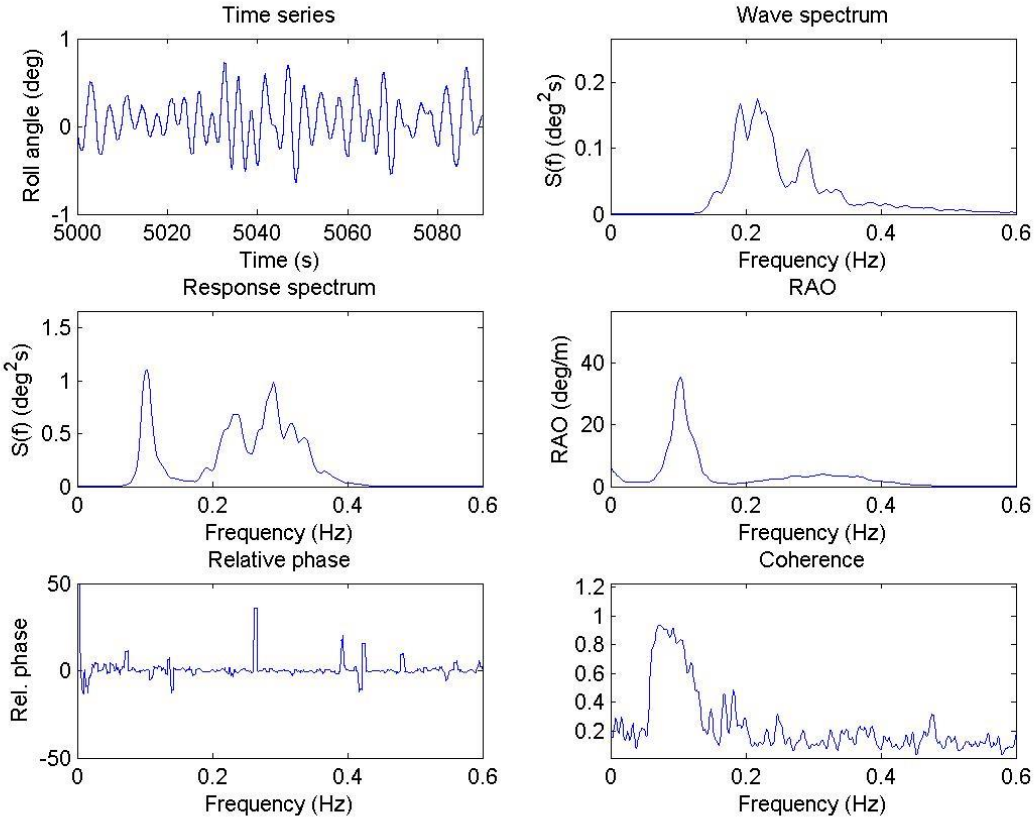

Figure A - 9: Spectral analysis setup 2, roll

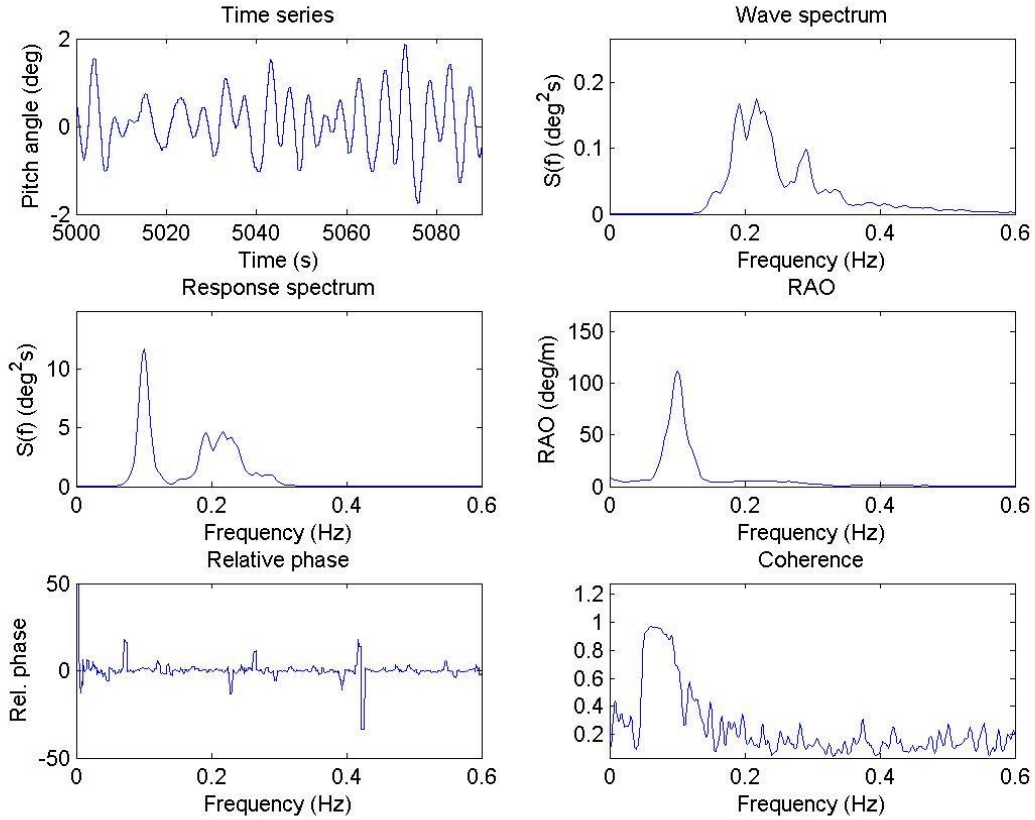

Figure A - 11: Spectral analysis setup 2, pitch

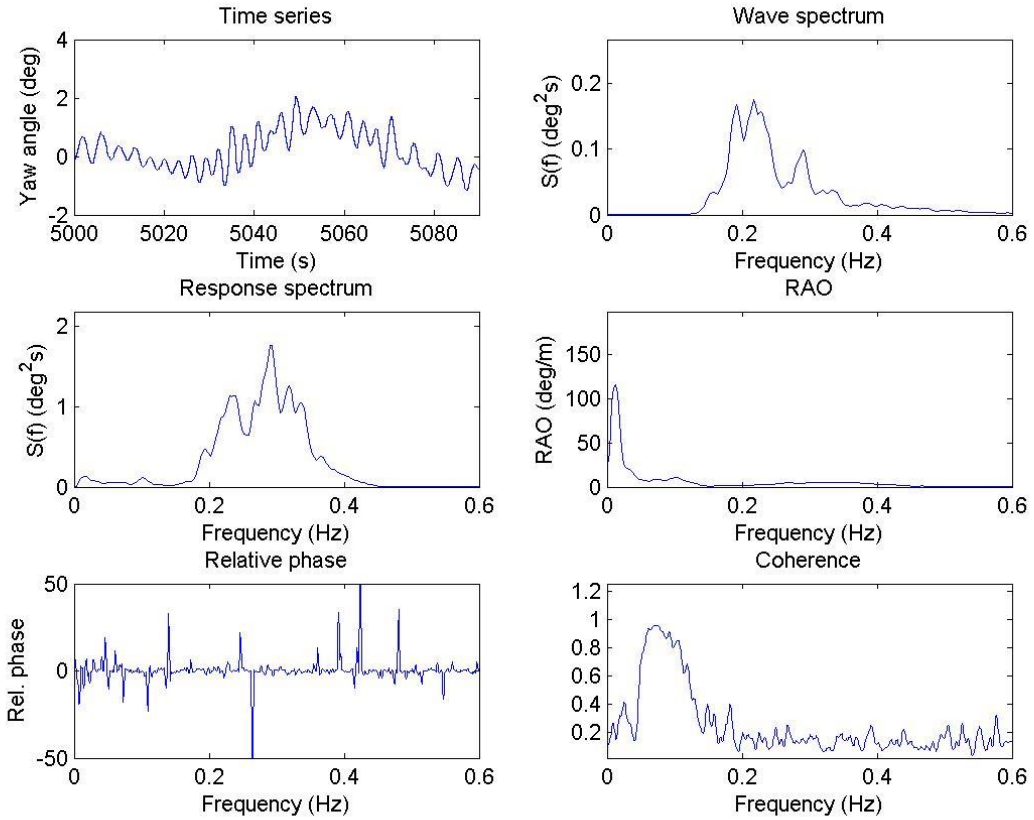

Figure A - 12: Spectral analysis setup 2, yaw

2.3 SETUP 3: COUPLED CONDITION, WAVE HEADING 0 DEGREES

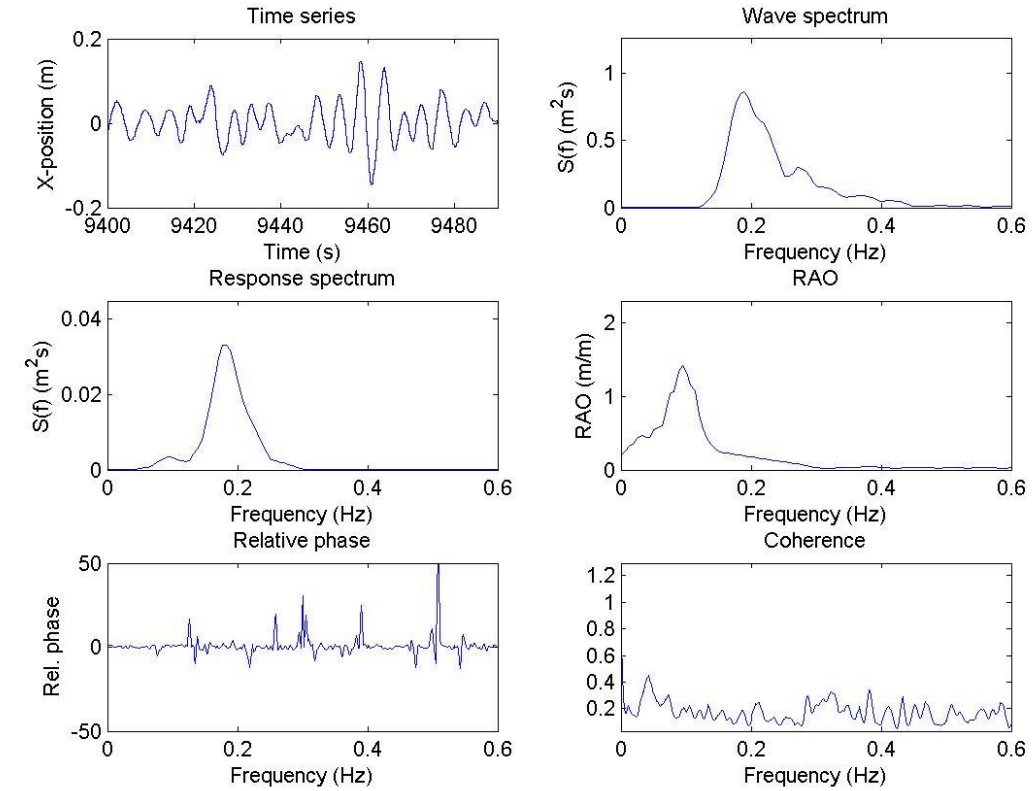

Figure A - 13: Spectral analysis setup 3, surge

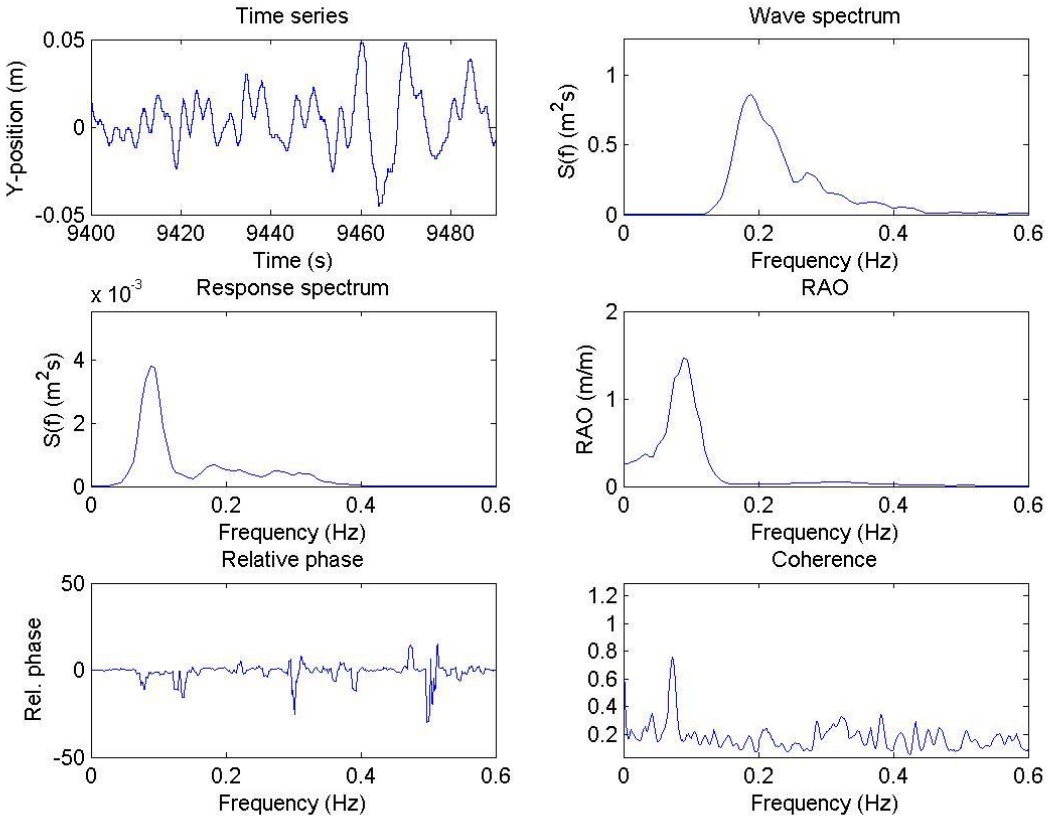

Figure A - 14: Spectral analysis setup 3, sway

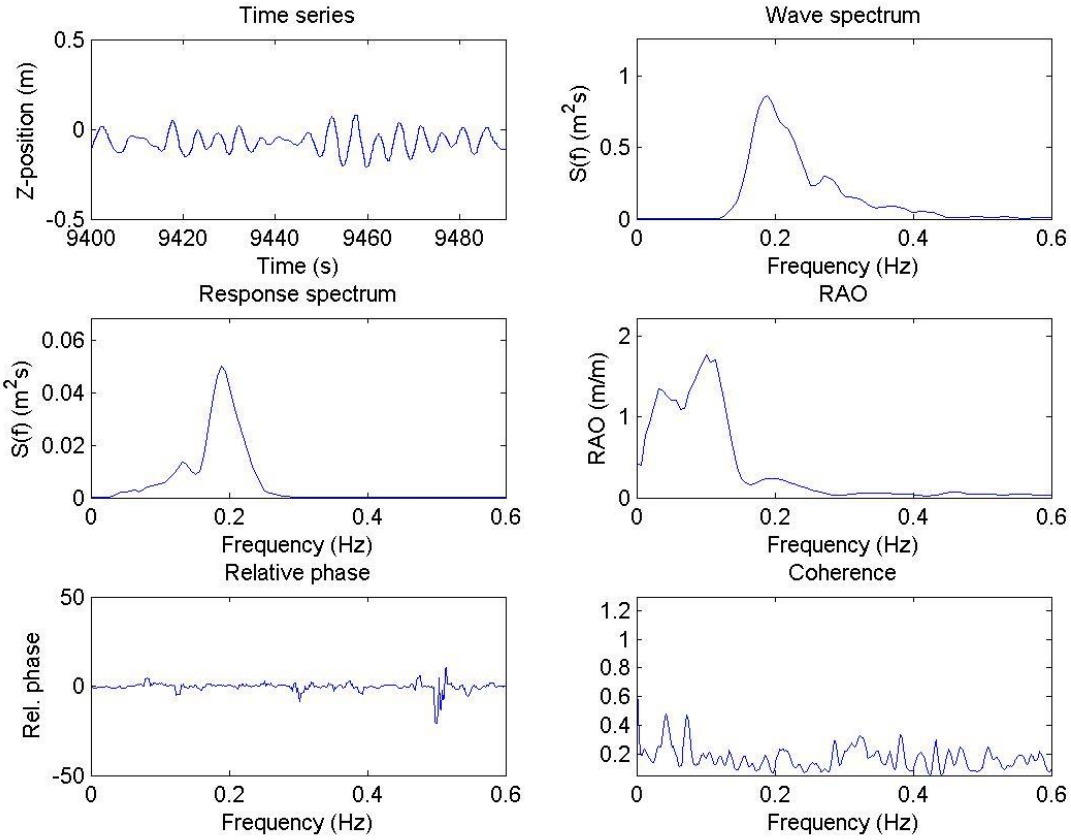

Figure A - 15: Spectral analysis setup 3, heave

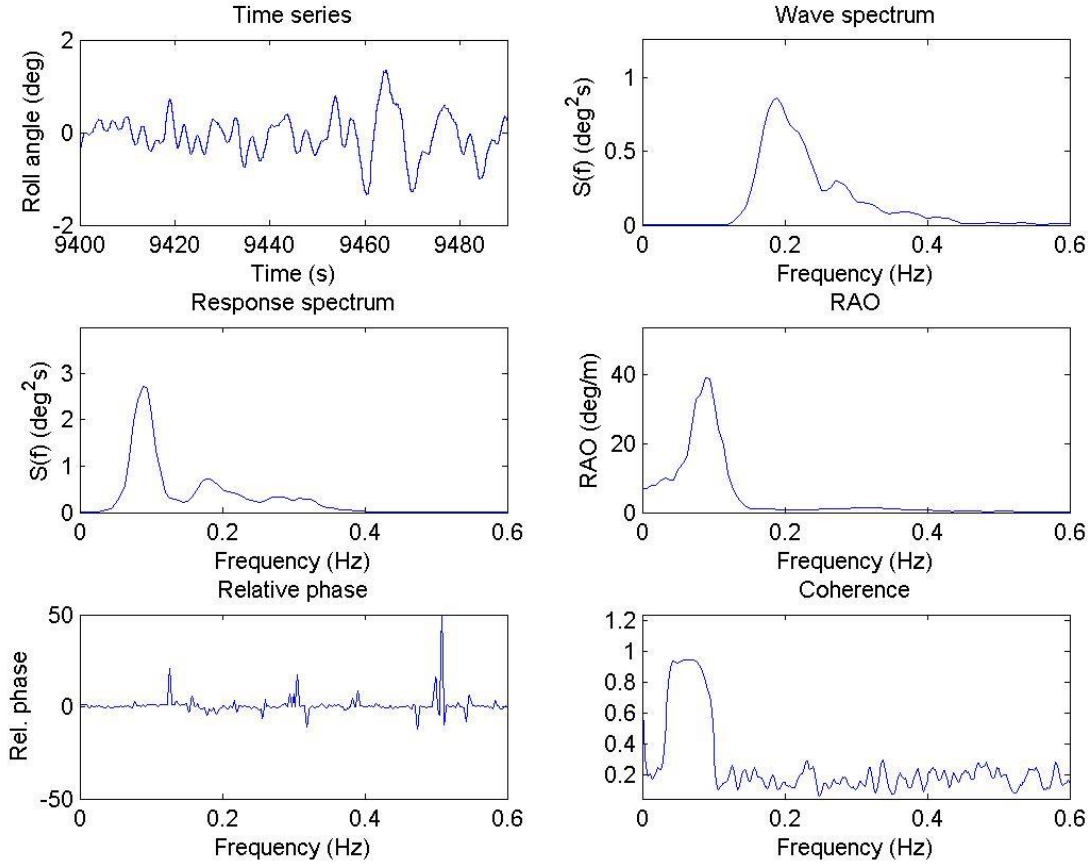

Figure A - 16: Spectral analysis setup 3, roll

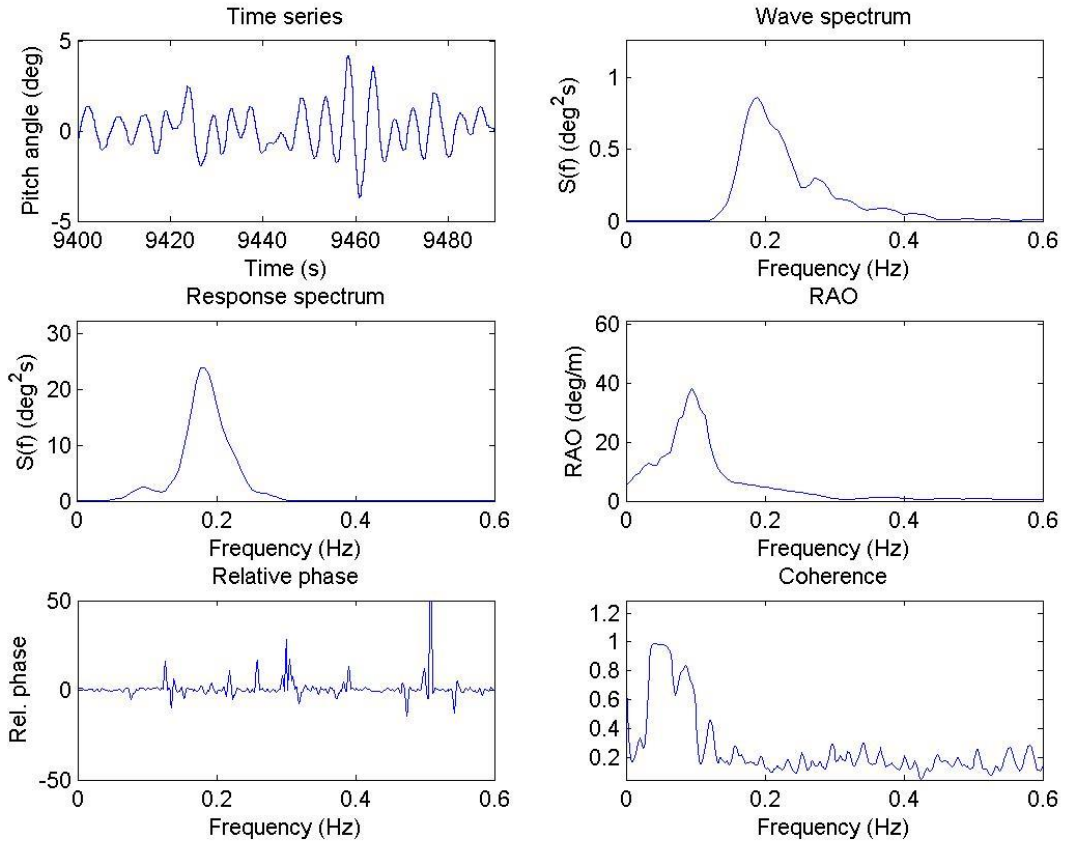

Figure A - 17: Spectral analysis setup 3, pitch

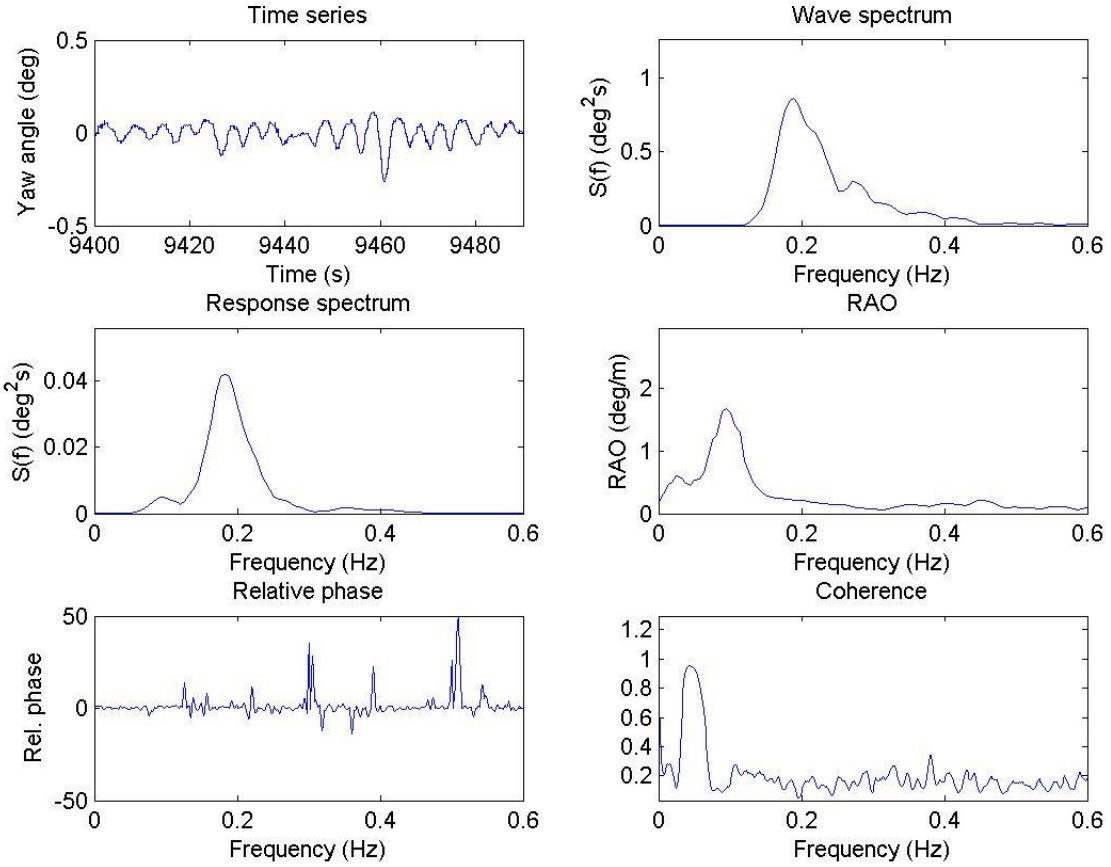

Figure A - 18: Spectral analysis setup 3, yaw

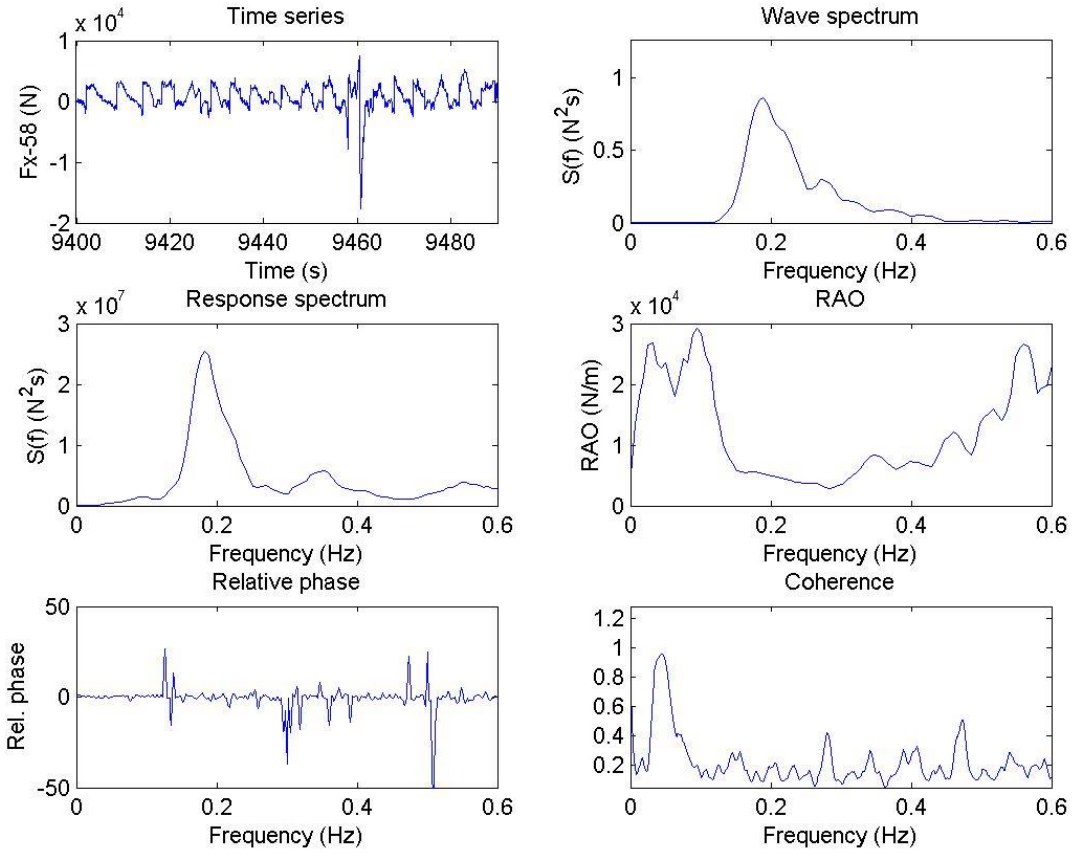

Figure A - 20: Spectral analysis setup 3, Fx-58

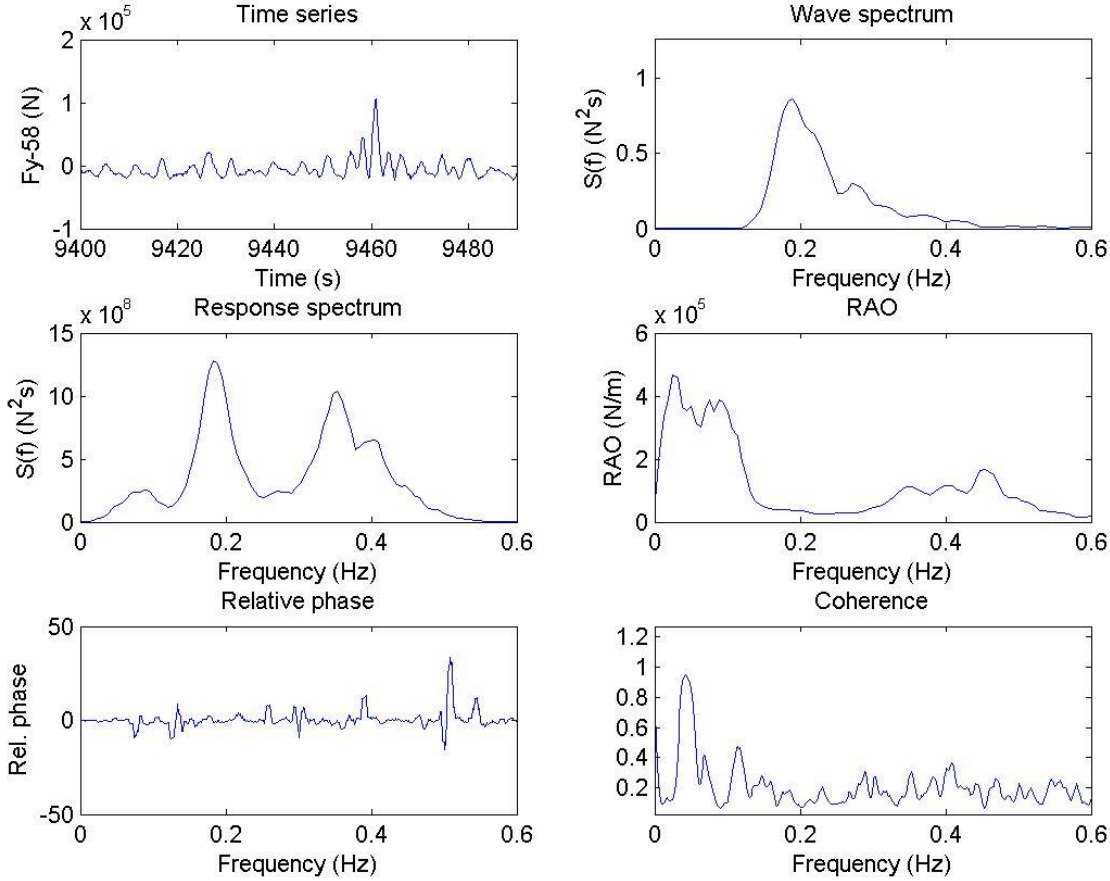

Figure A - 19: Spectral analysis setup 3, Fy-58

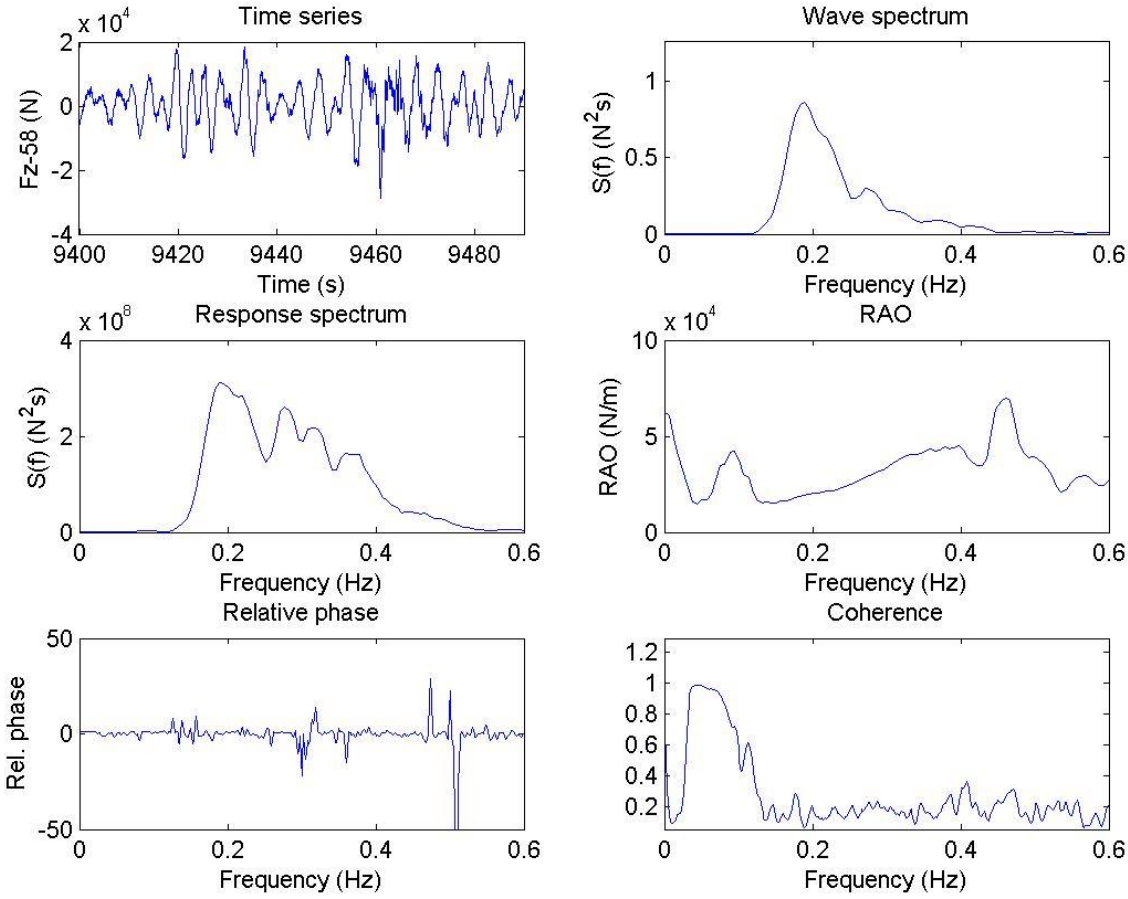

Figure A - 21: Spectral analysis setup 3, Fz-58

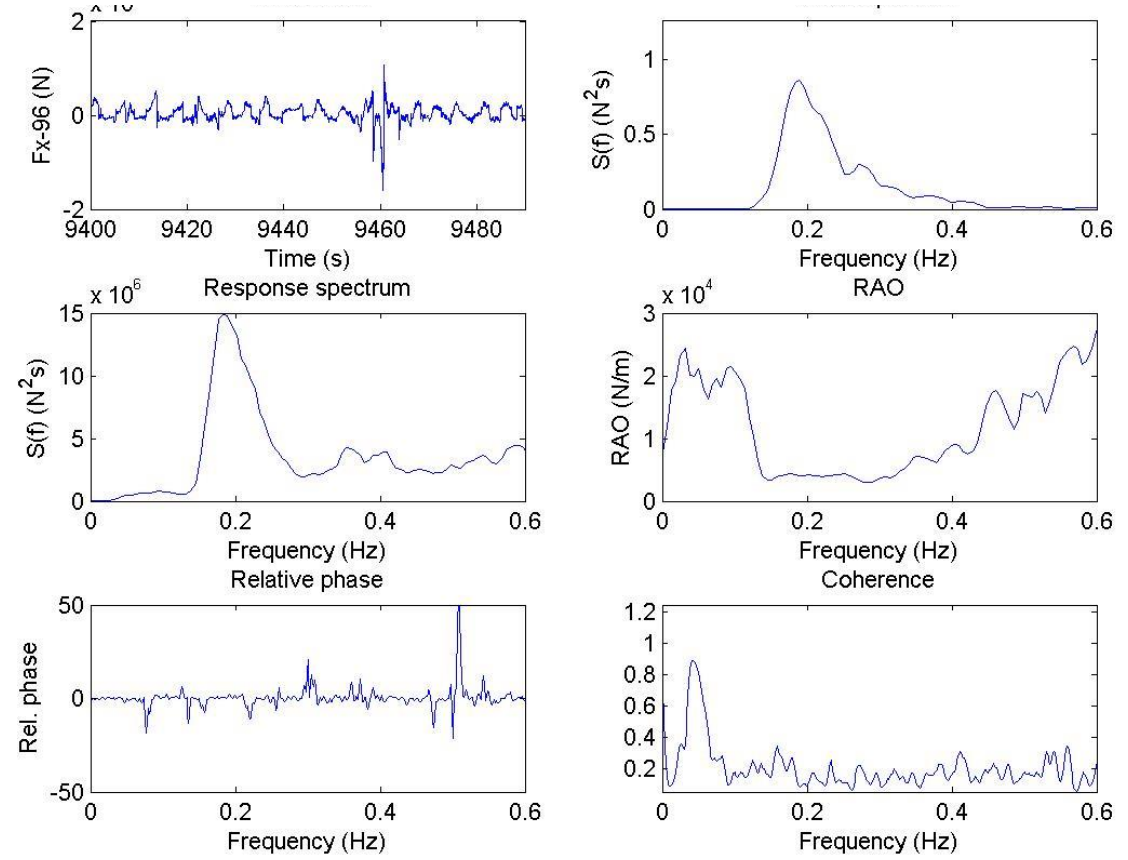

Figure A - 22: Spectral analysis setup 3, Fx-96

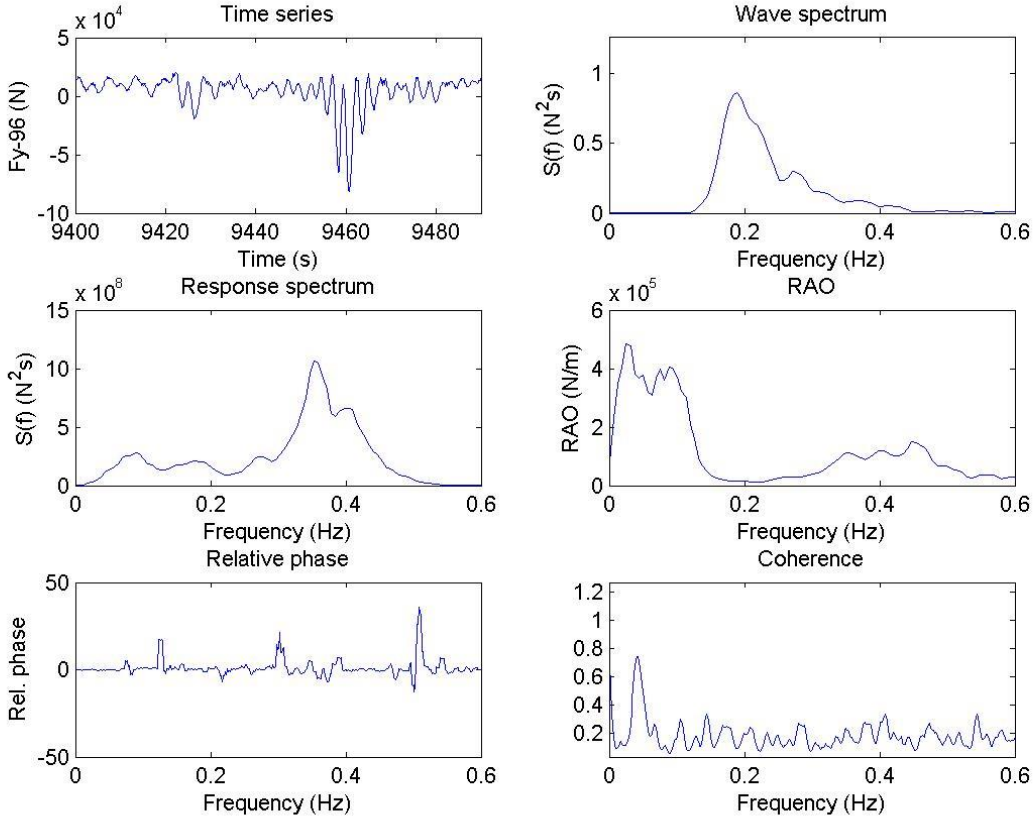

Figure A - 24: Spectral analysis setup 3, Fy-96

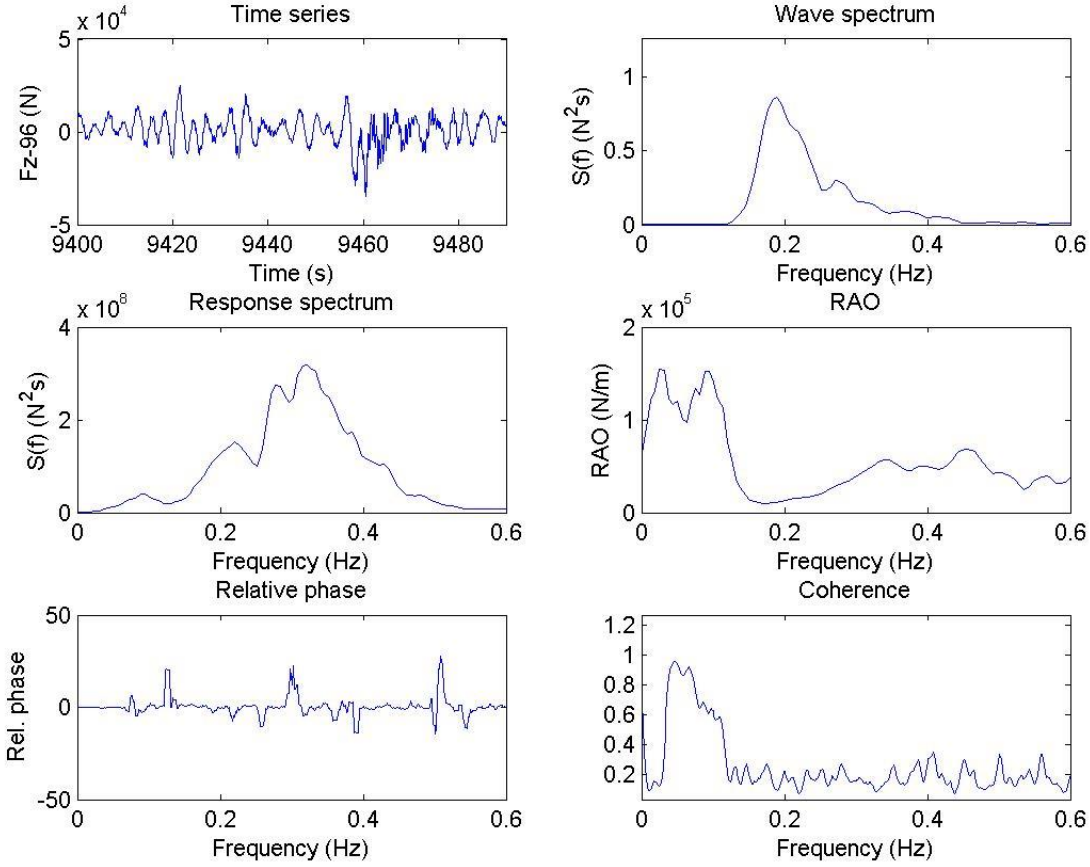

Figure A - 23: Spectral analysis setup 3, Fz-96

2.4 SETUP 4: COUPLED CONDITION, WAVE HEADING 315 DEGREES

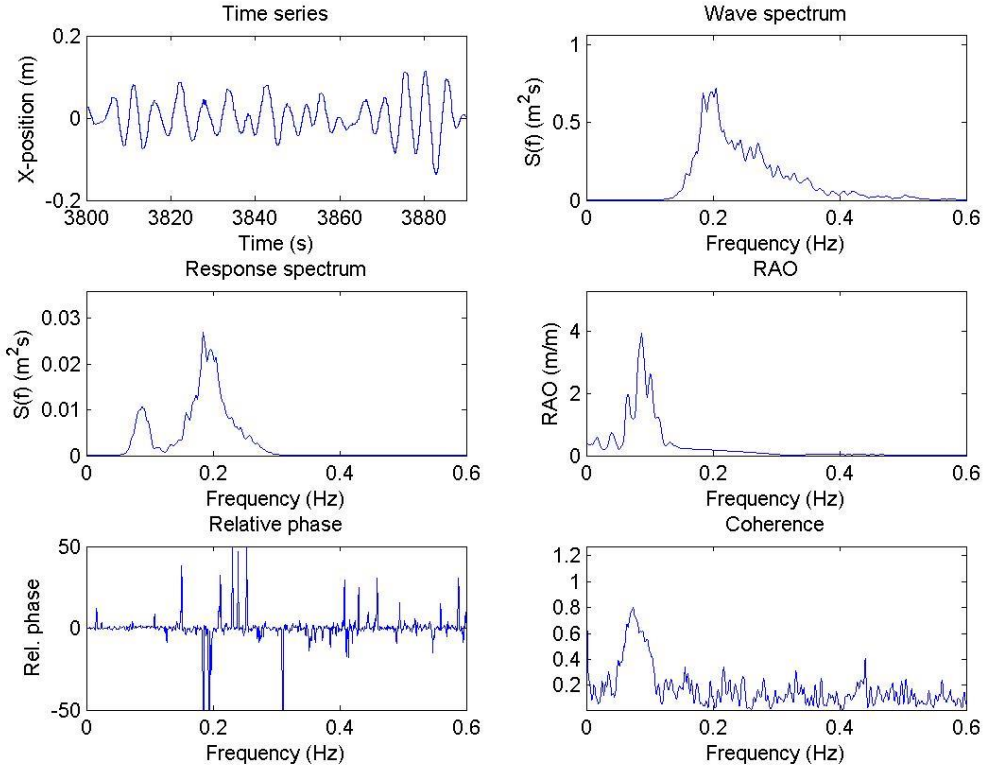

Figure A - 25: Spectral analysis setup 4, surge

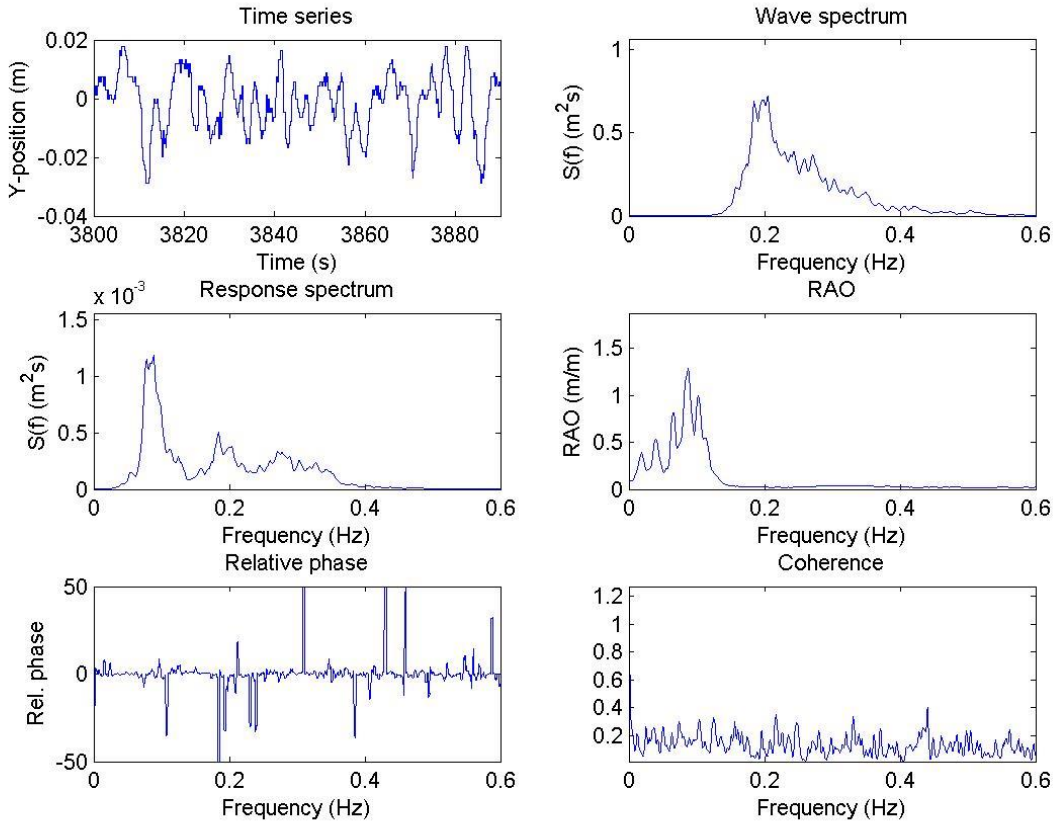

Figure A - 26: Spectral analysis setup 4, sway

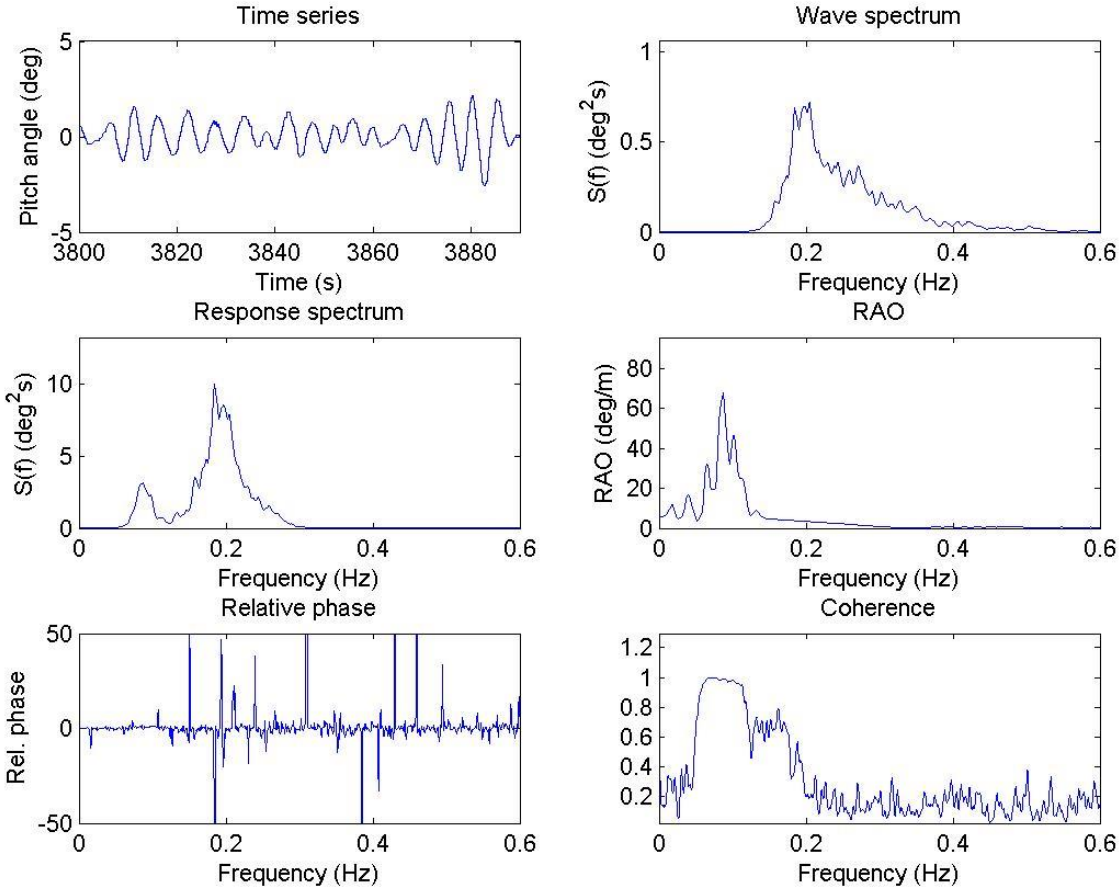

Figure A - 28: Spectral analysis setup 4, pitch

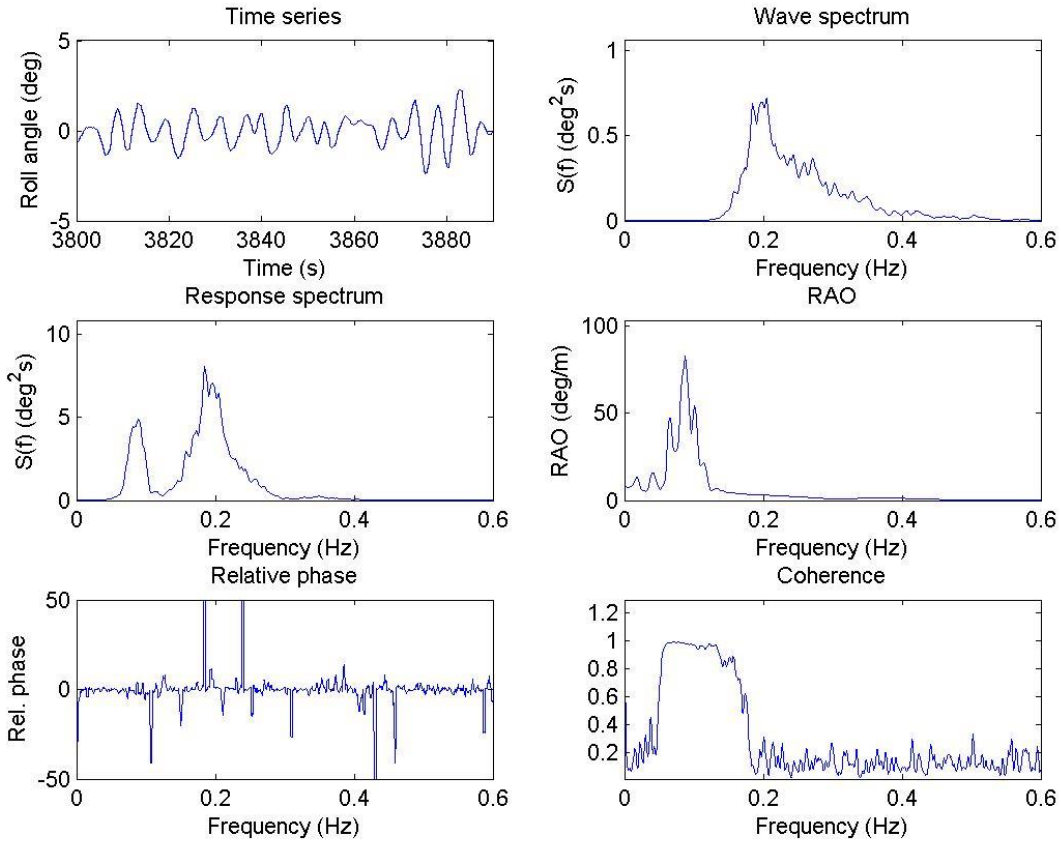

Figure A - 27: Spectral analysis setup 4, roll

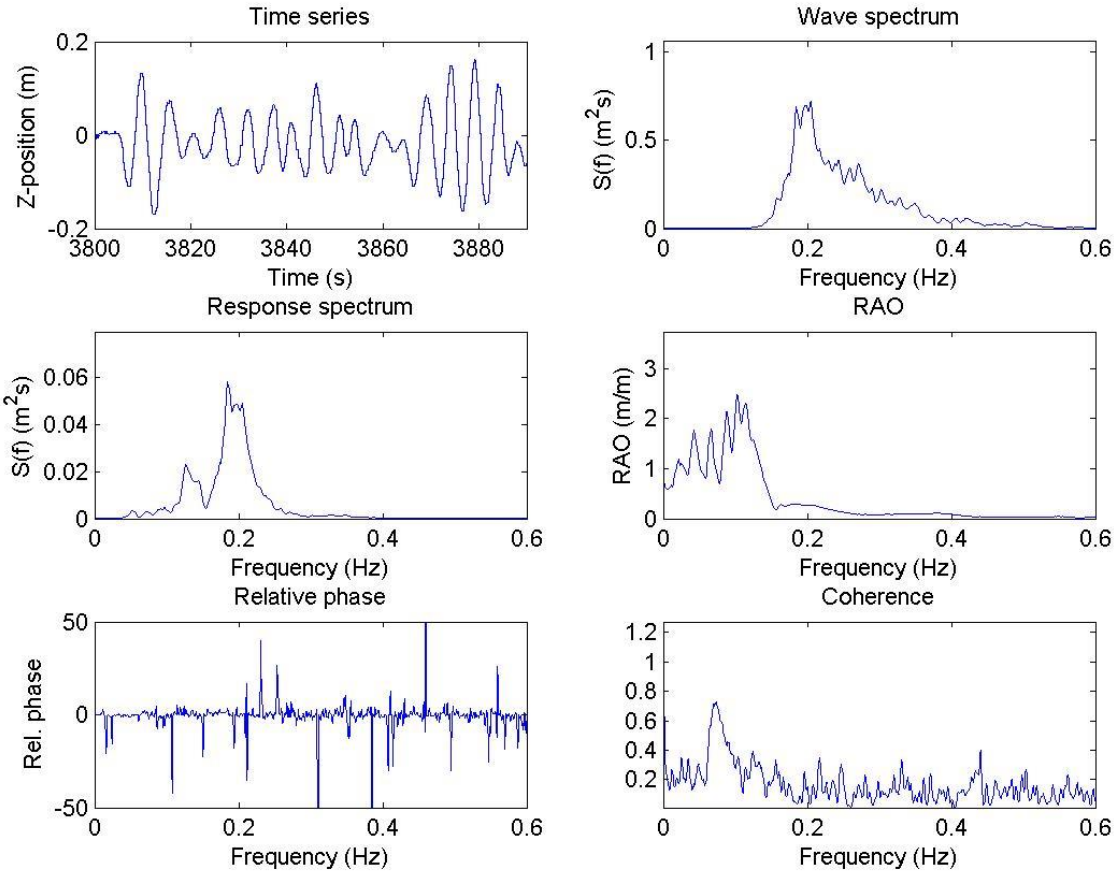

Figure A - 30: Spectral analysis setup 4, heave

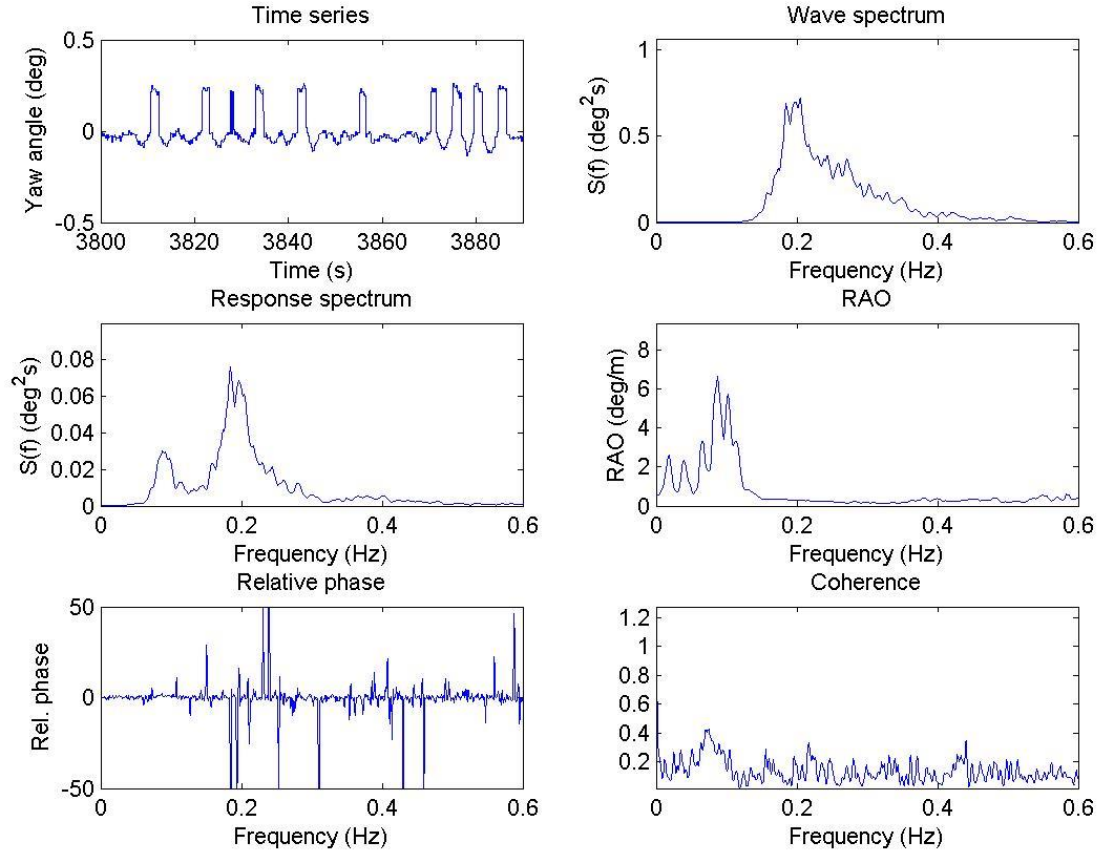

Figure A - 29: Spectral analysis setup 4, yaw

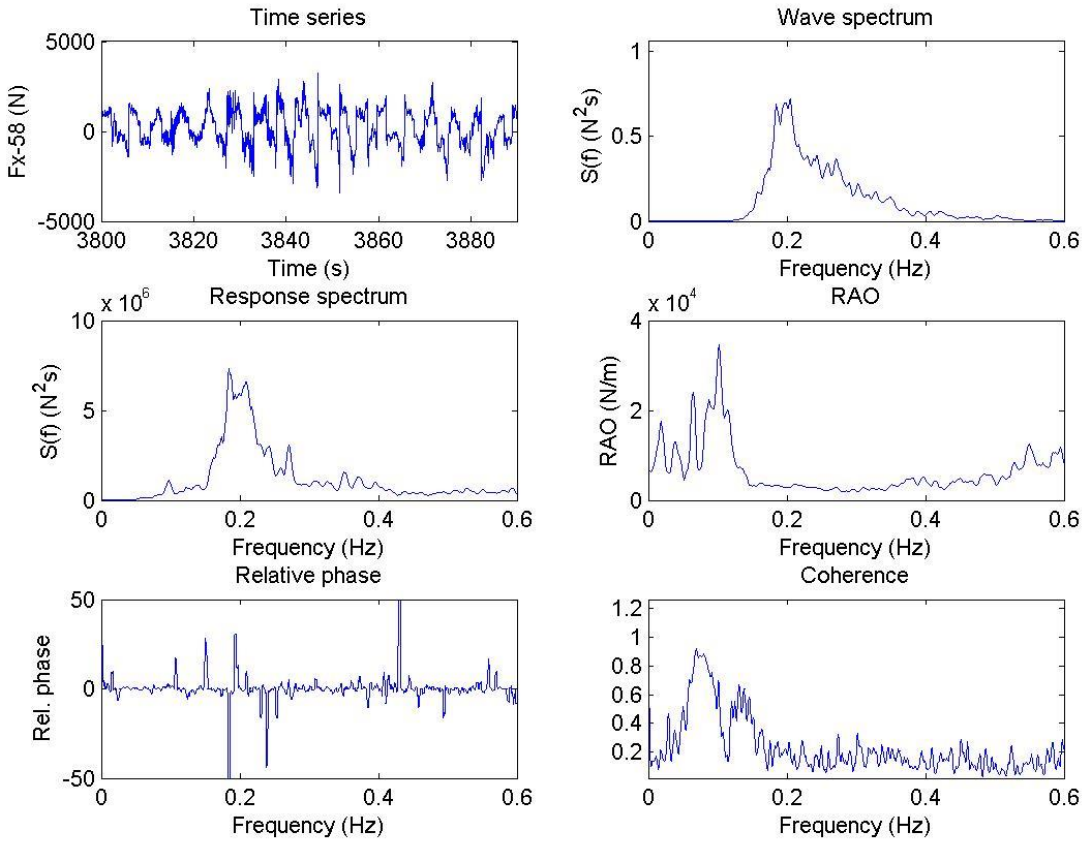

Figure A - 32: Spectral analysis setup 4, Fx-58

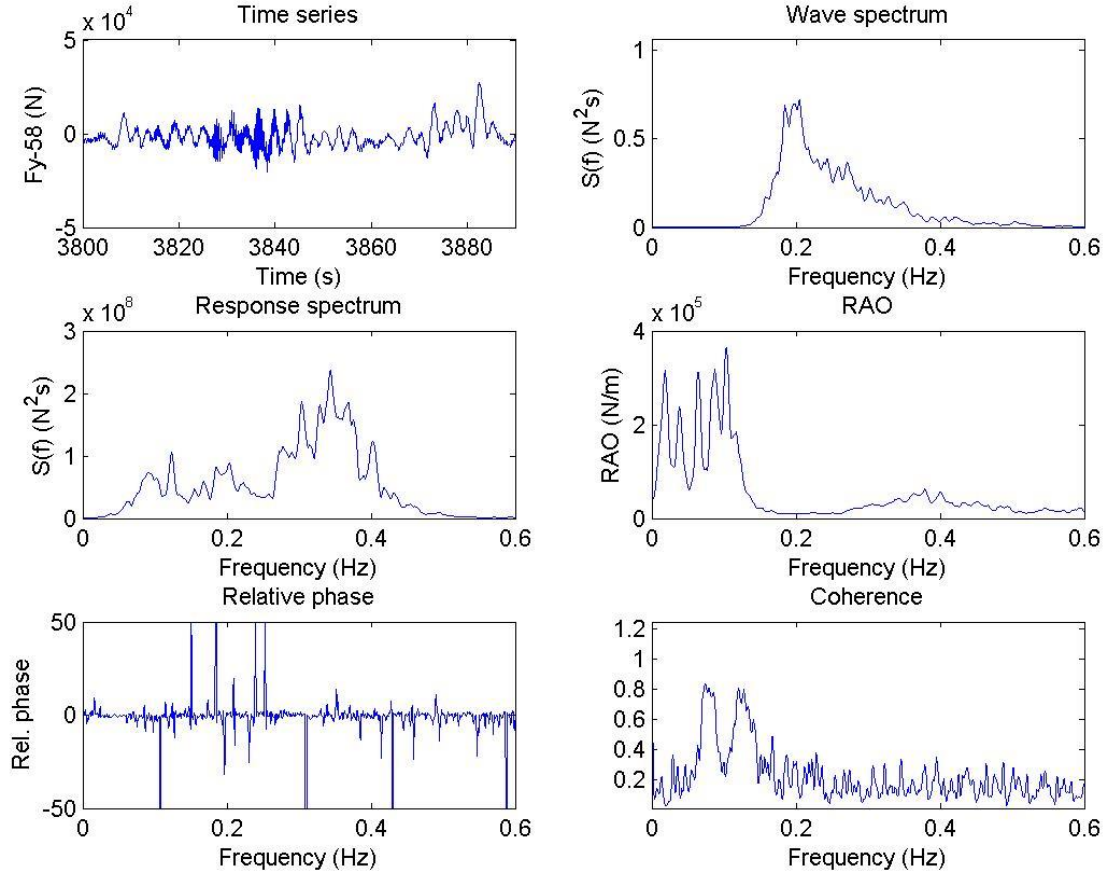

Figure A - 31: Spectral analysis setup 4, Fy-58

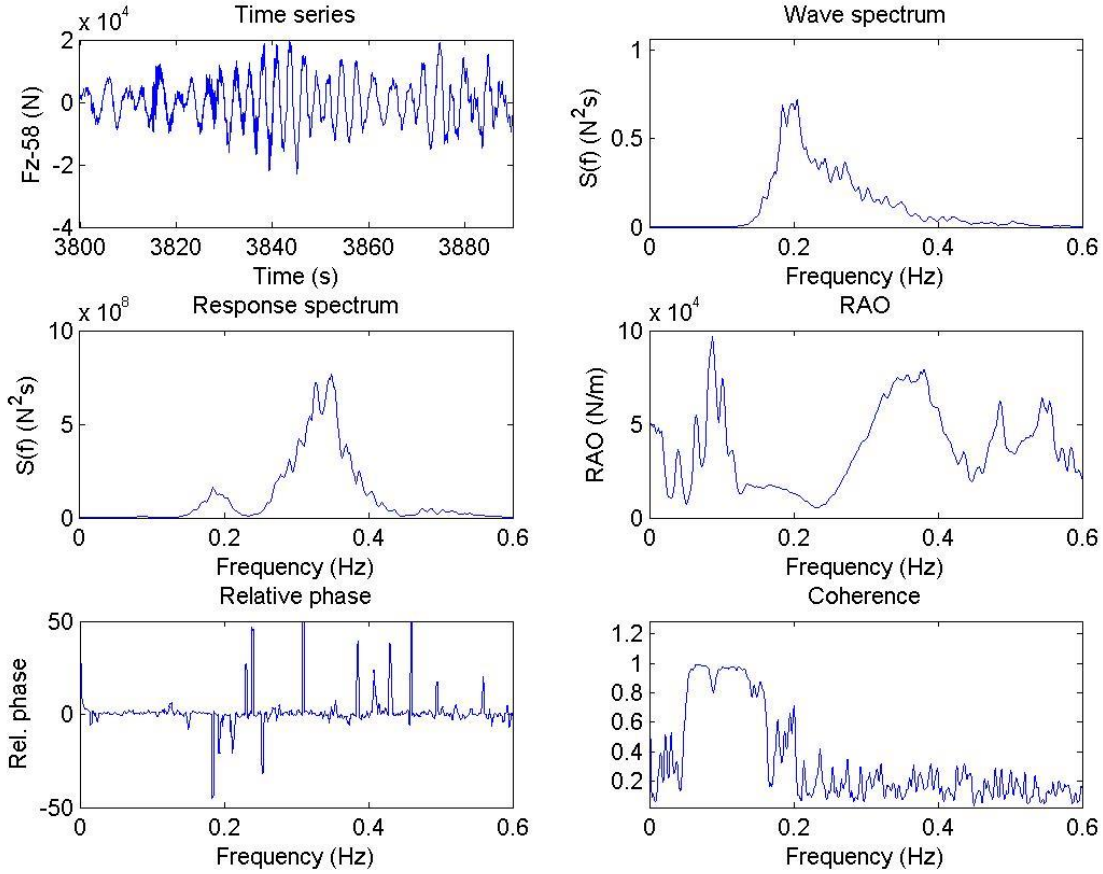

Figure A - 34: Spectral analysis setup 4, Fz-58

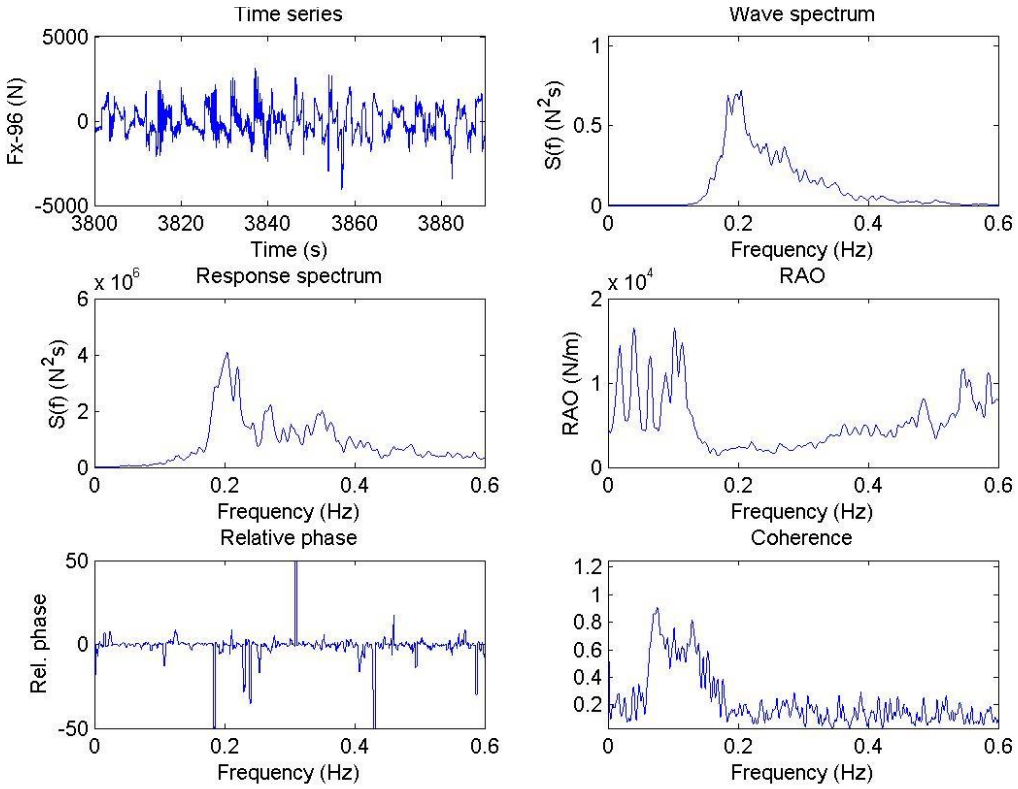

Figure A - 33: Spectral analysis setup 4, Fx-96

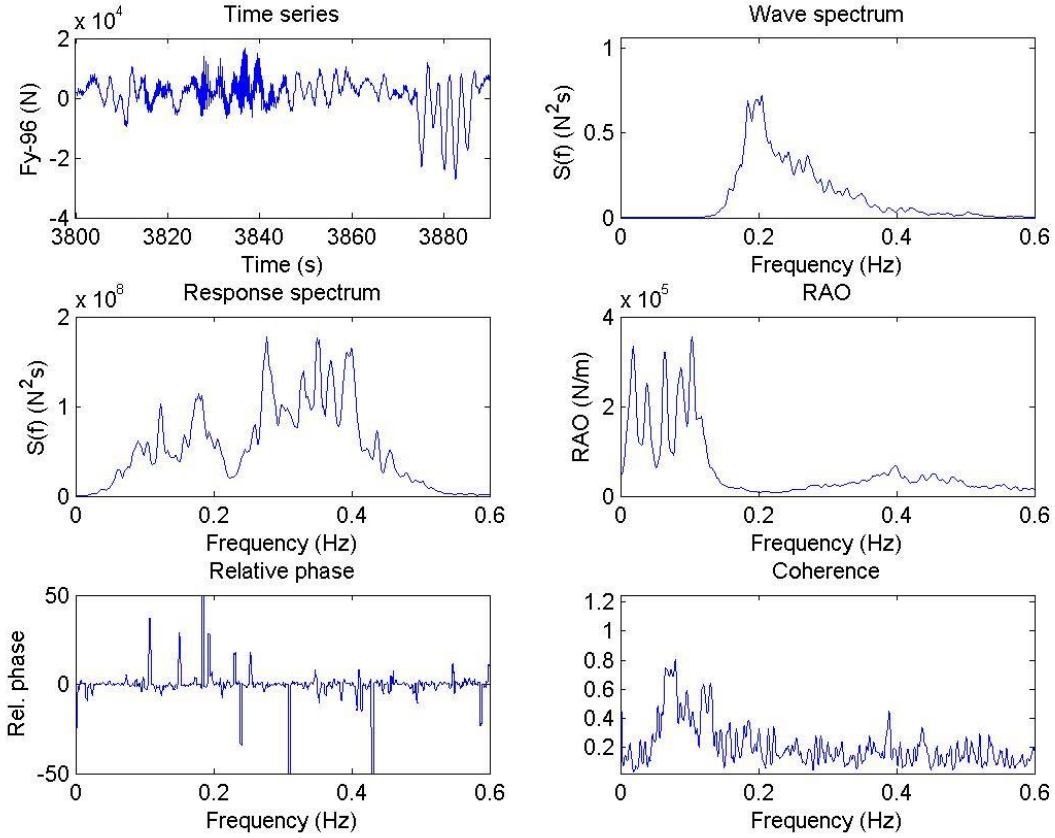

Figure A - 35: Spectral analysis setup 4, Fy-96

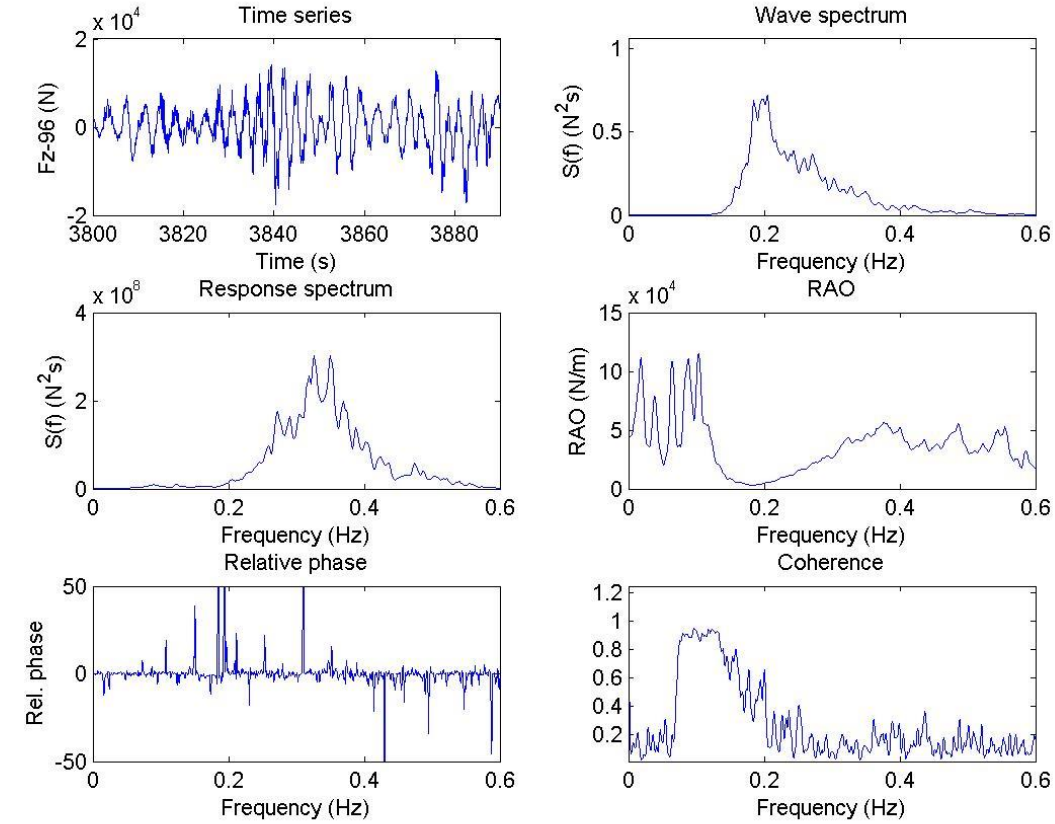

Figure A - 36: Spectral analysis setup 4, Fz-96

2.5 STATISTICAL VALUES FOR SETUP 5: COUPLED CONDITION, WAVE HEADING 90 DEGREES

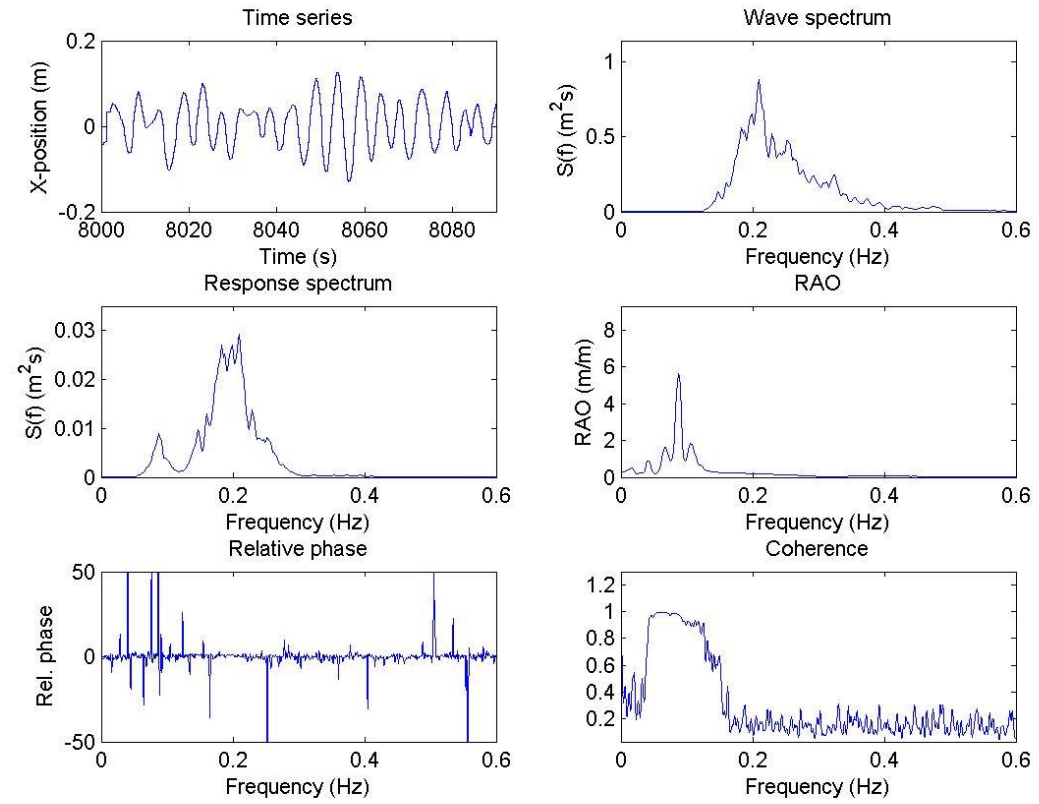

Figure A - 37: Spectral analysis setup 5, surge

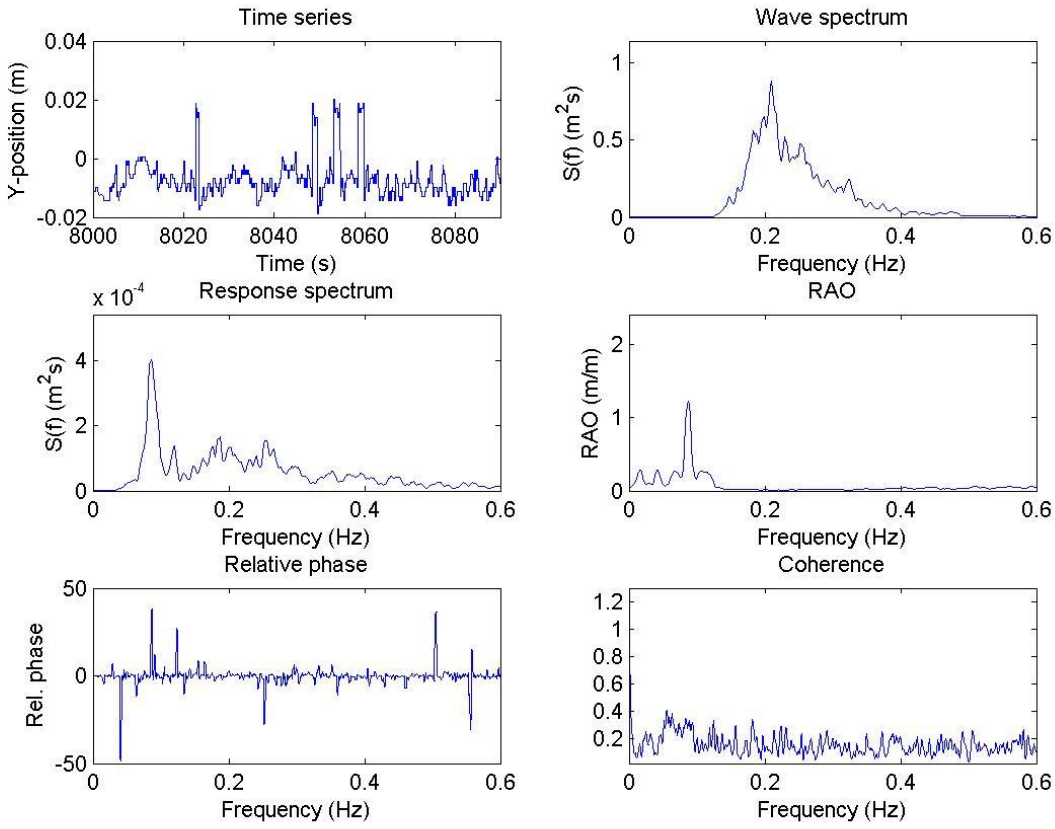

Figure A - 38: Spectral analysis setup 5, sway

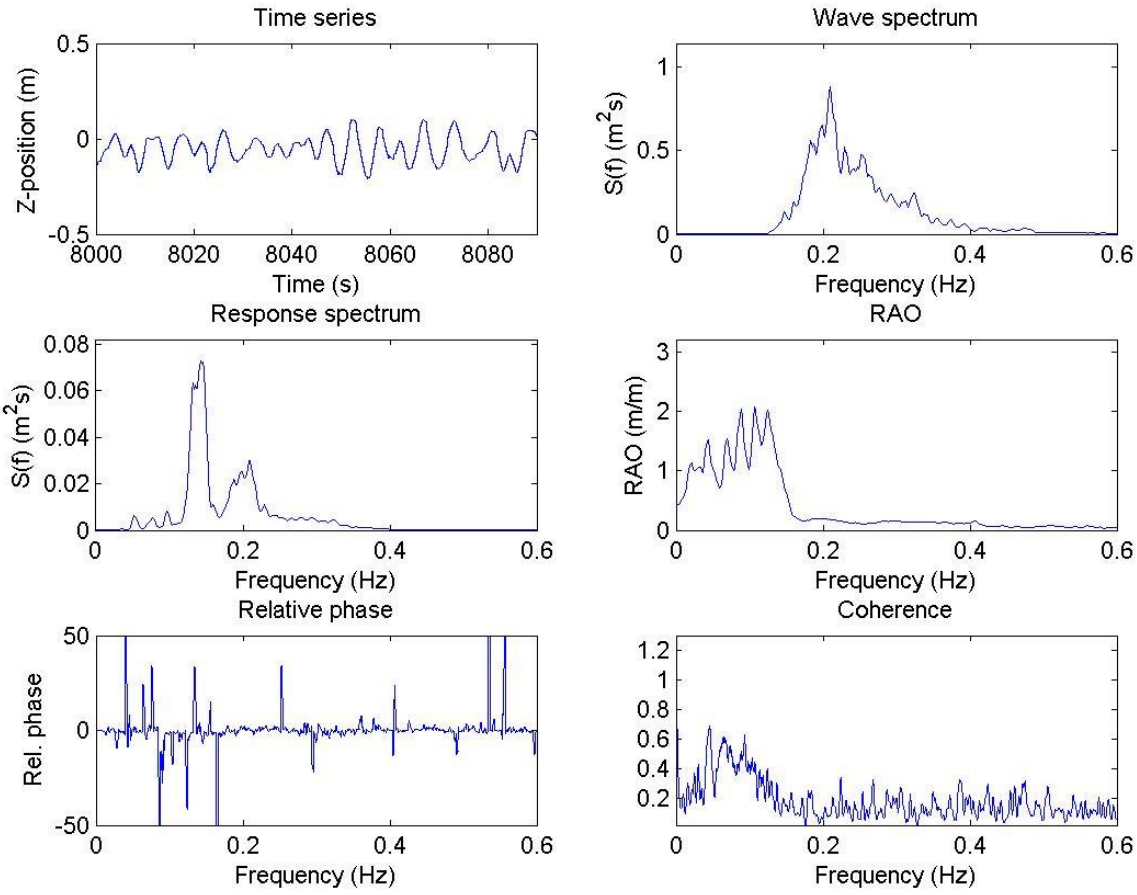

Figure A - 39: Spectral analysis setup 5, heave

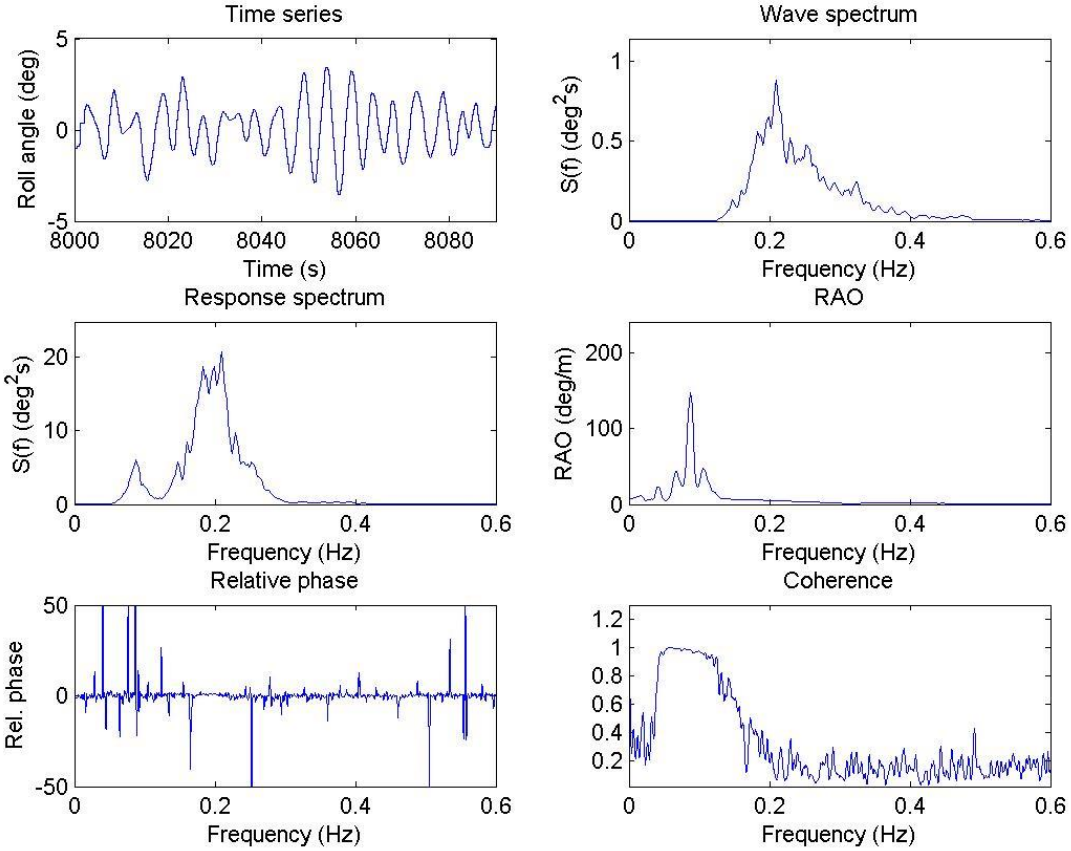

Figure A - 40: Spectral analysis setup 5, roll

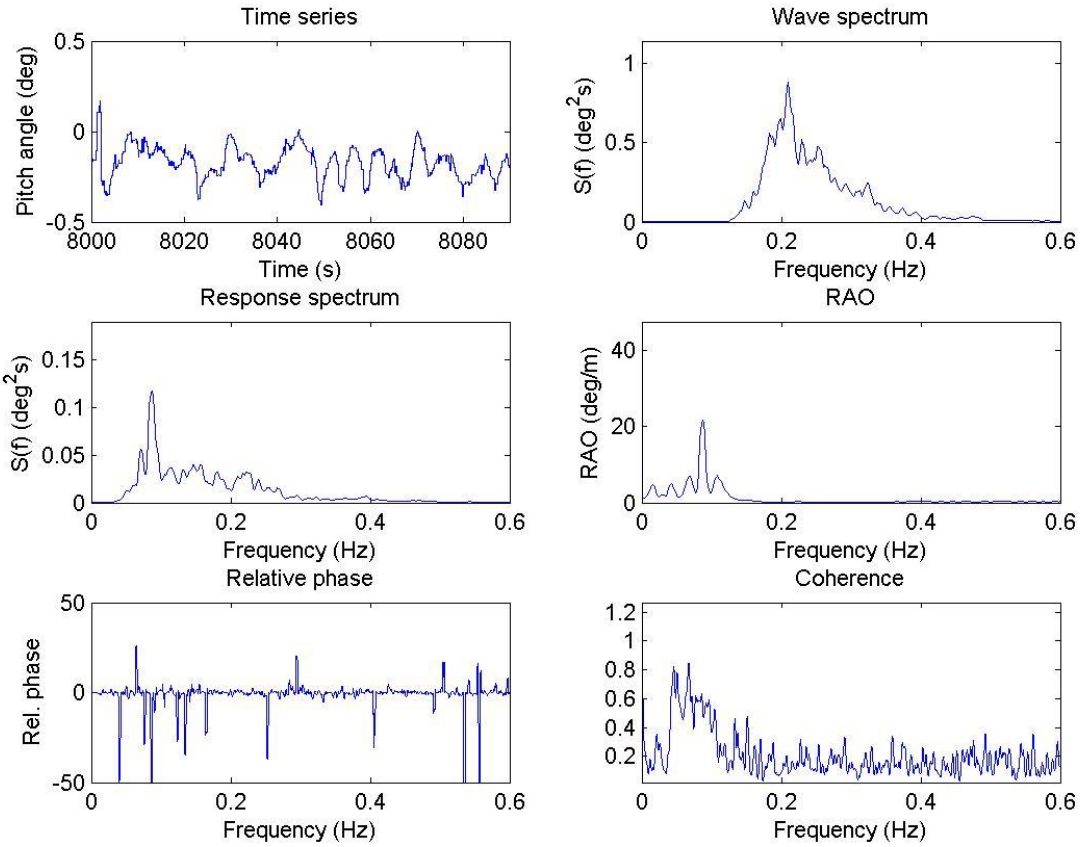

Figure A - 42: Spectral analysis setup 5, pitch

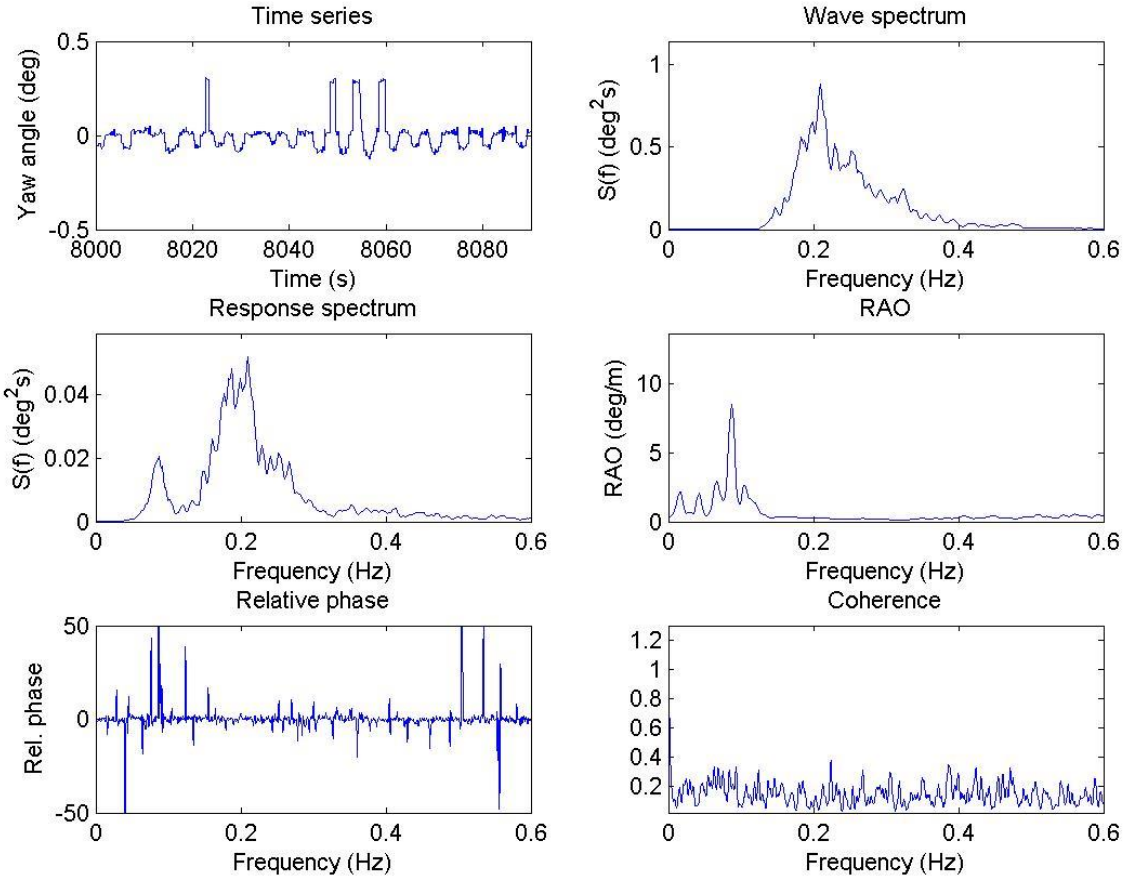

Figure A - 41: Spectral analysis setup 5, yaw

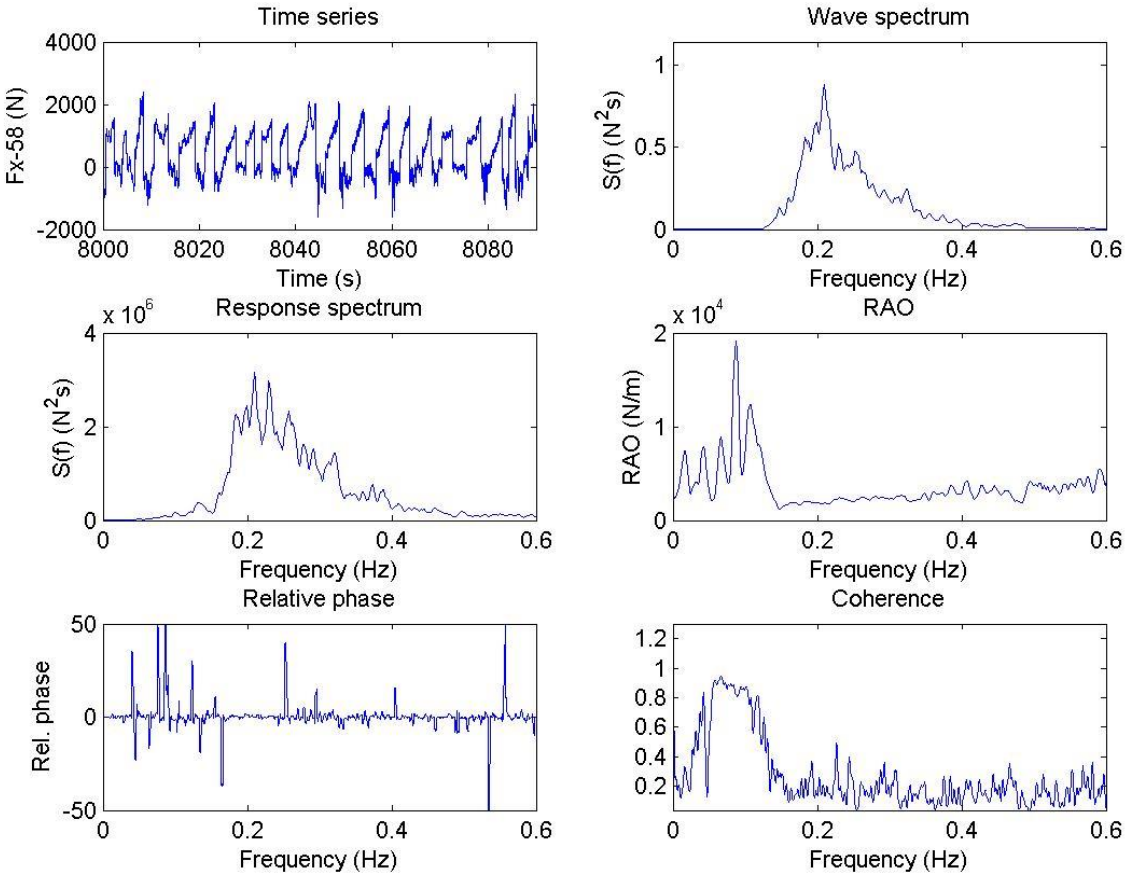

Figure A - 44: Spectral analysis setup 5, Fx-58

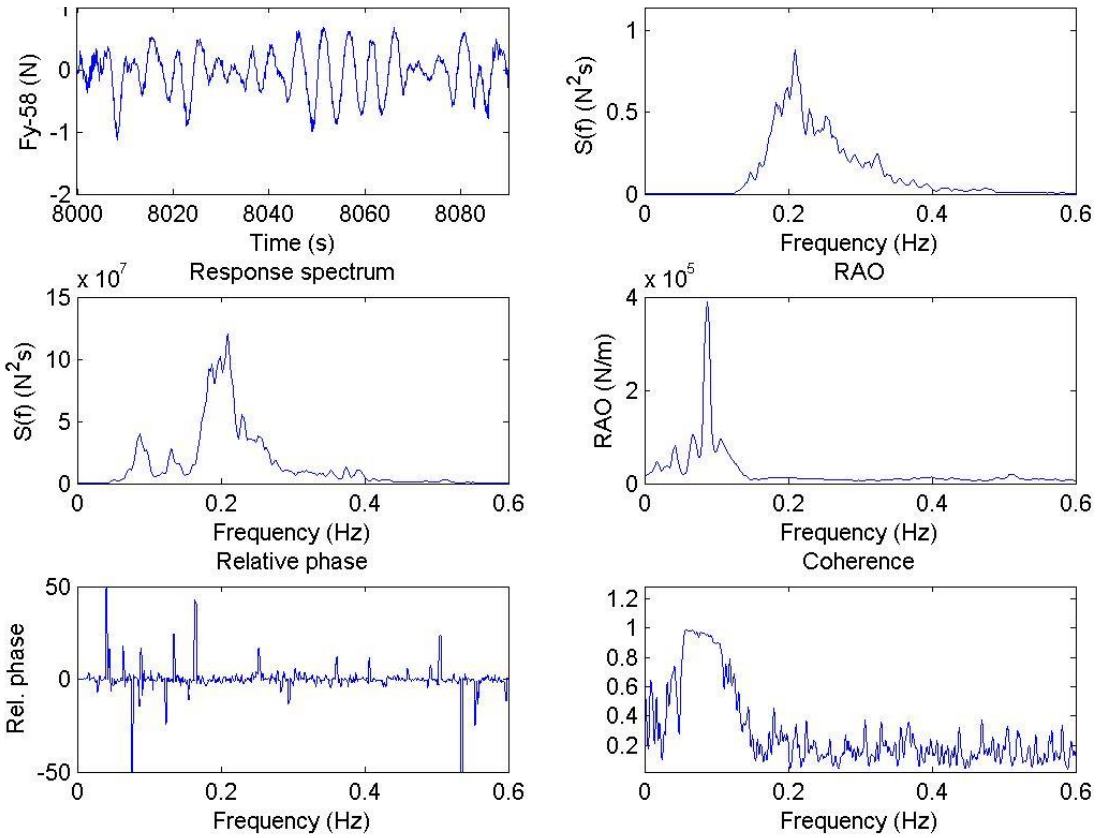

Figure A - 43: Spectral analysis setup 5, Fy-58

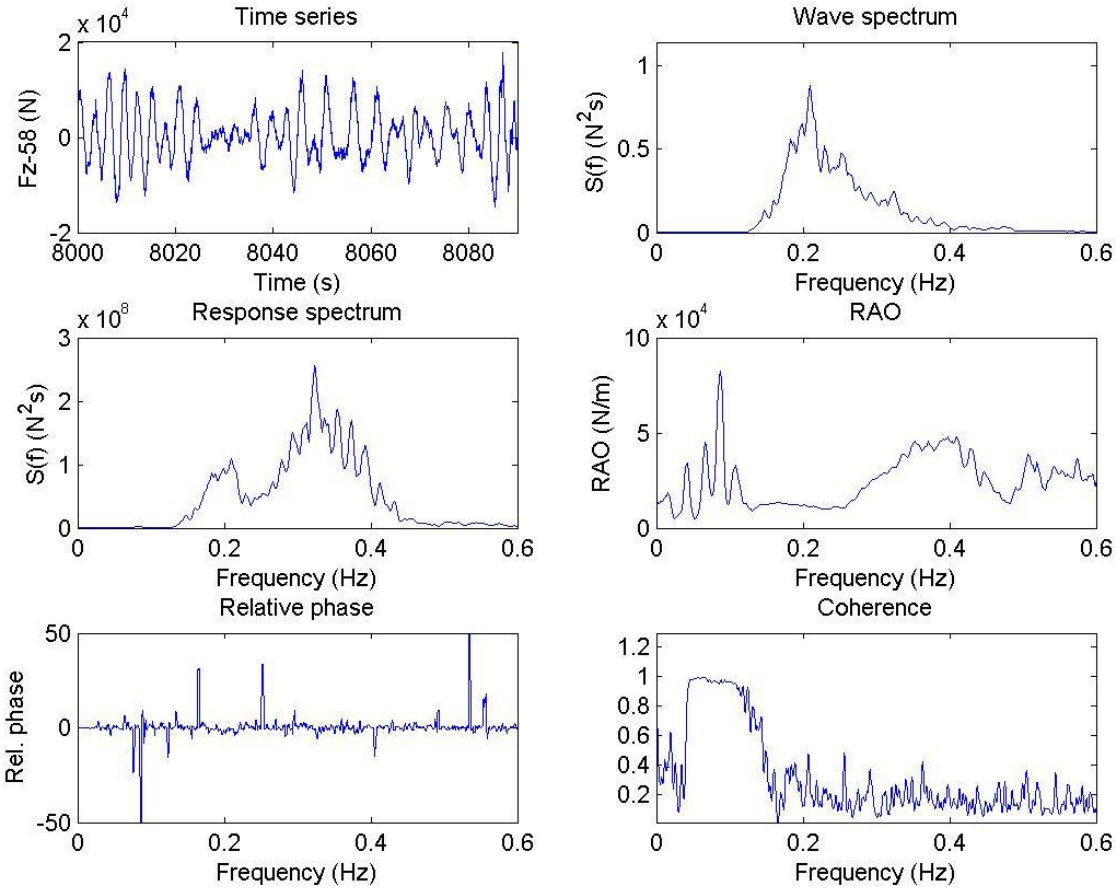

Figure A - 46: Spectral analysis setup 5, Fz-58

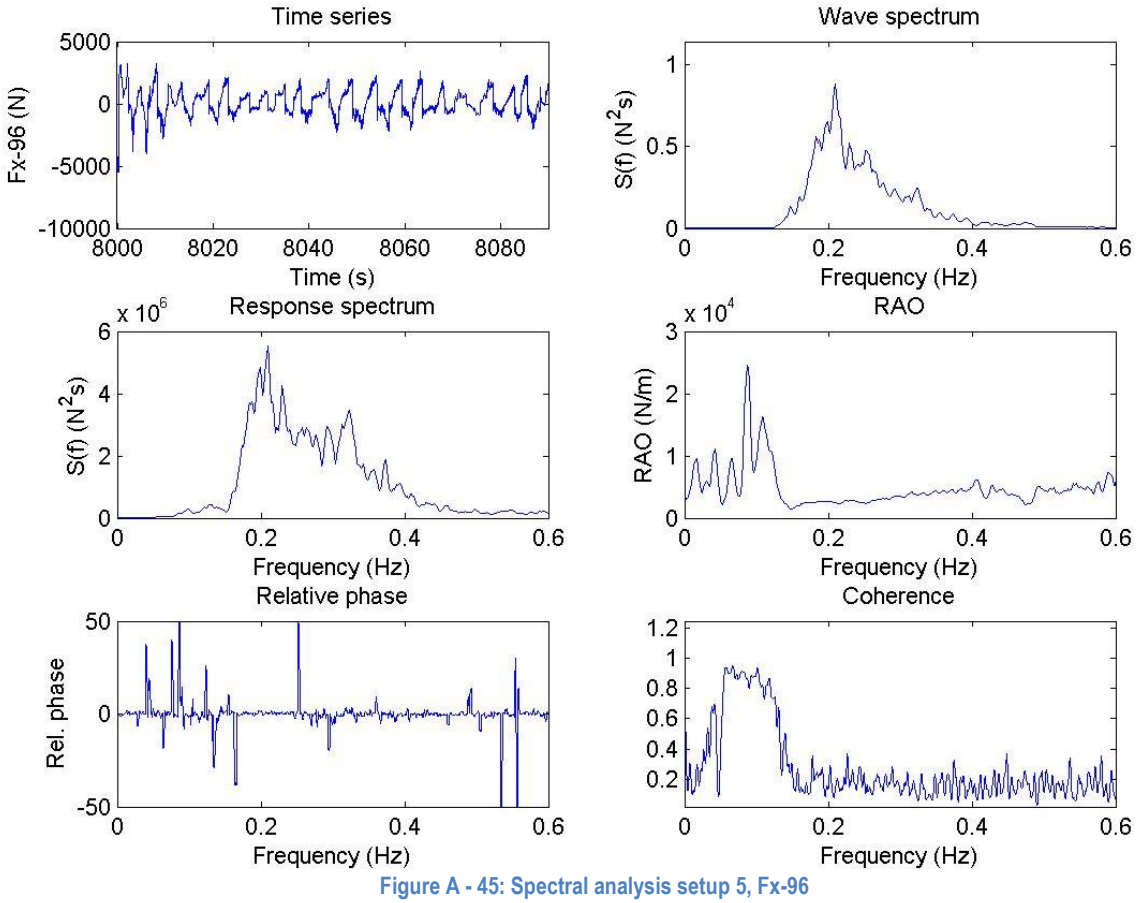

Figure A - 45: Spectral analysis setup 5, Fx-96

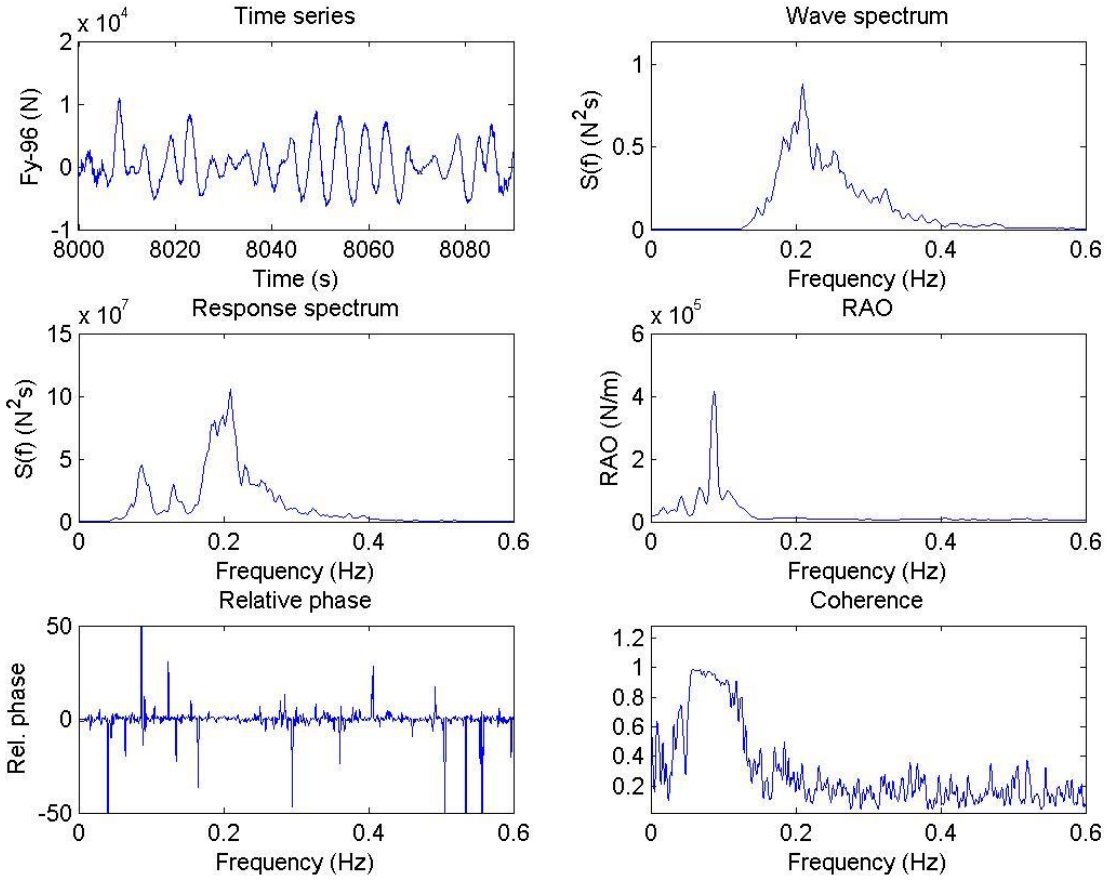

Figure A - 48: Spectral analysis setup 5, Fy-96

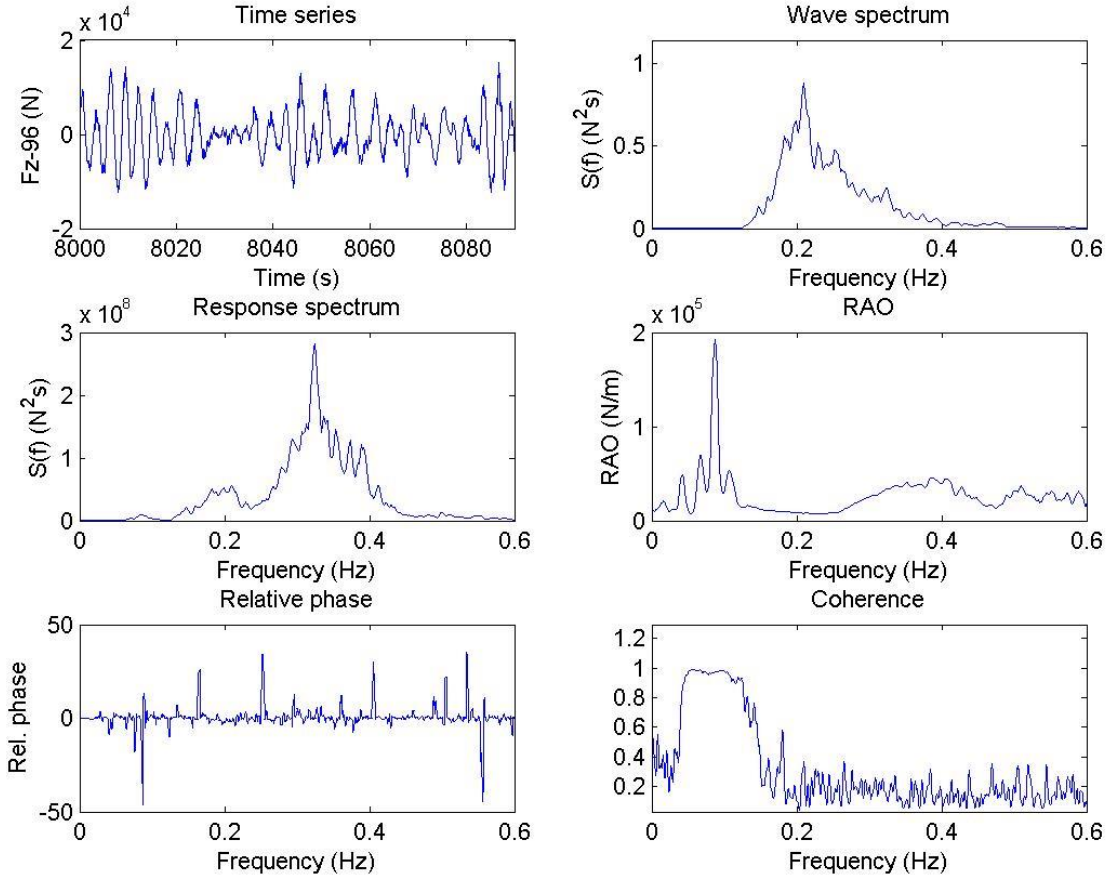

Figure A - 47: Spectral analysis setup 5, Fz-96

3 SPECIAL CASE: SETUP 6

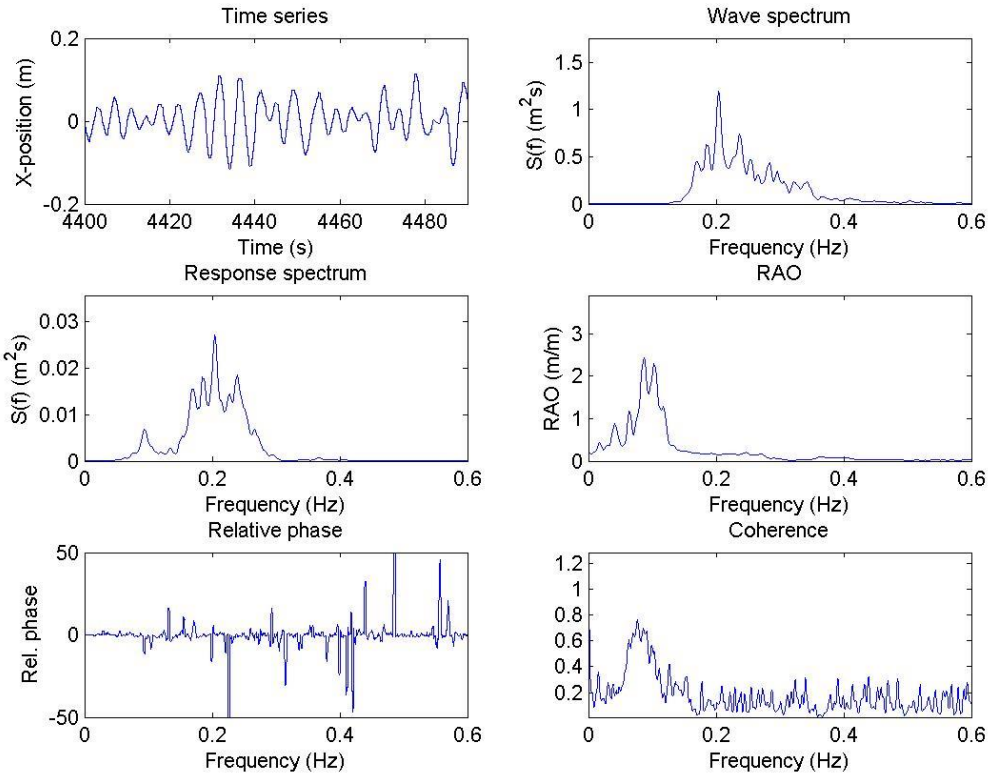

Figure A - 50: Spectral analysis setup 6, surge

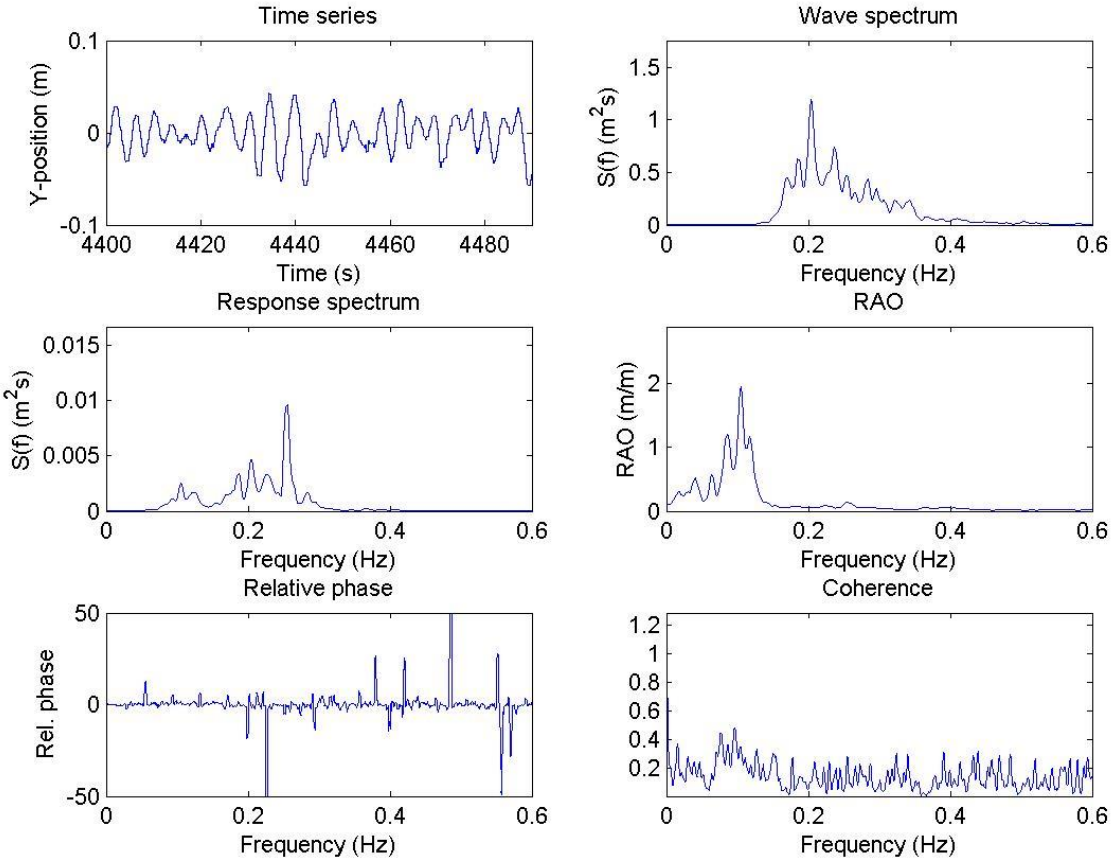

Figure A - 49: Spectral analysis setup 6, sway

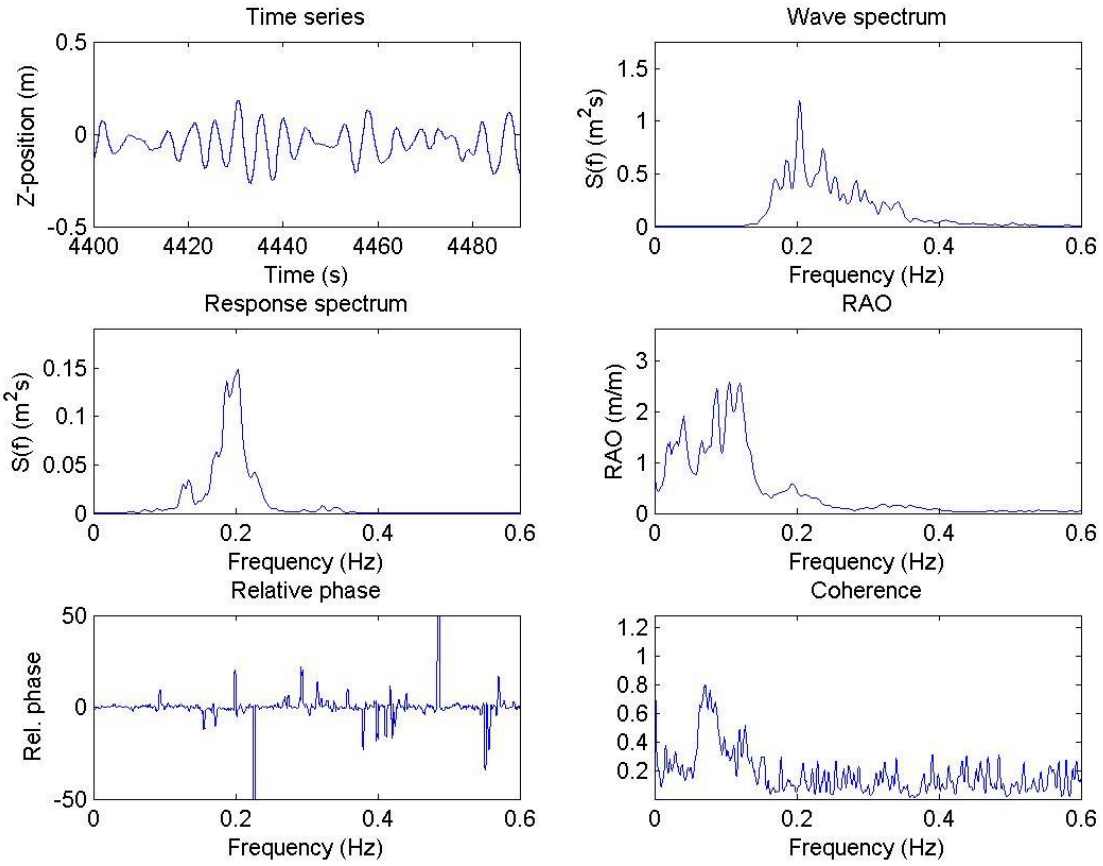

Figure A - 51: Spectral analysis setup 6, heave

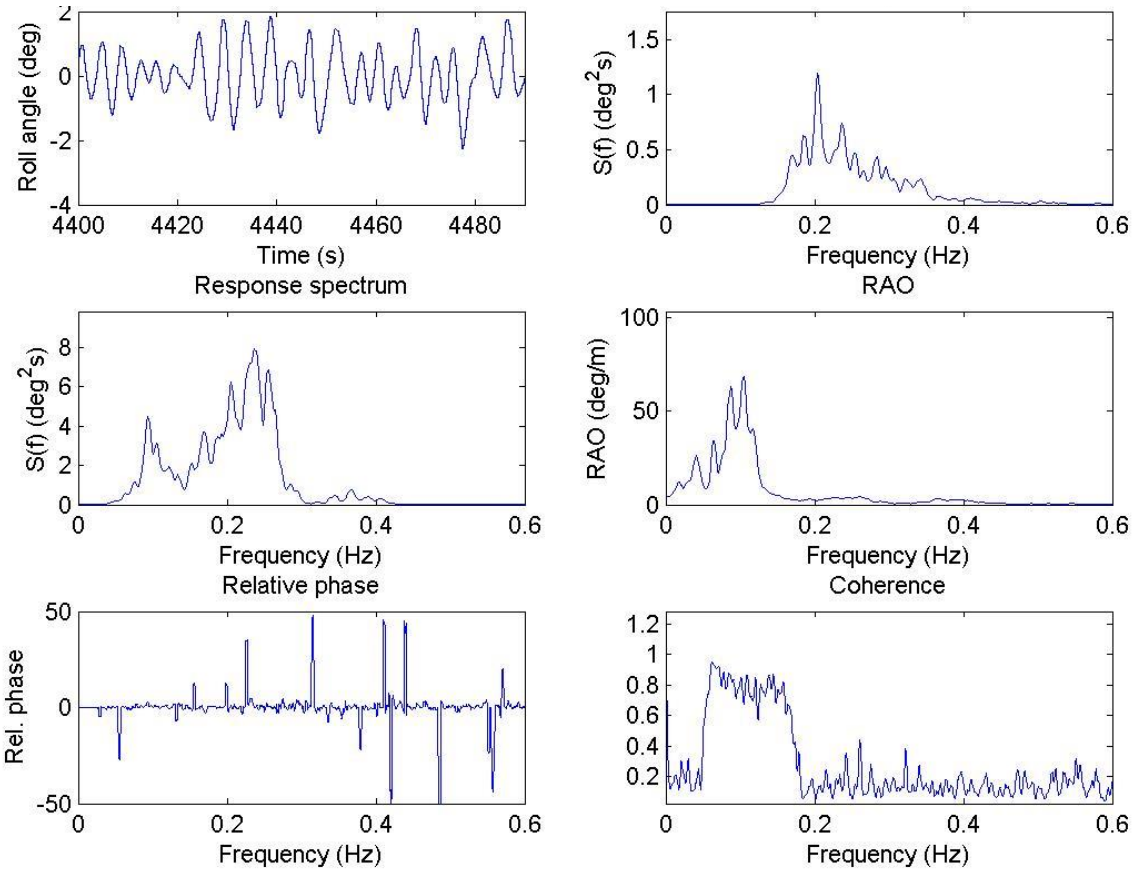

Figure A - 52: Spectral analysis setup 6, roll

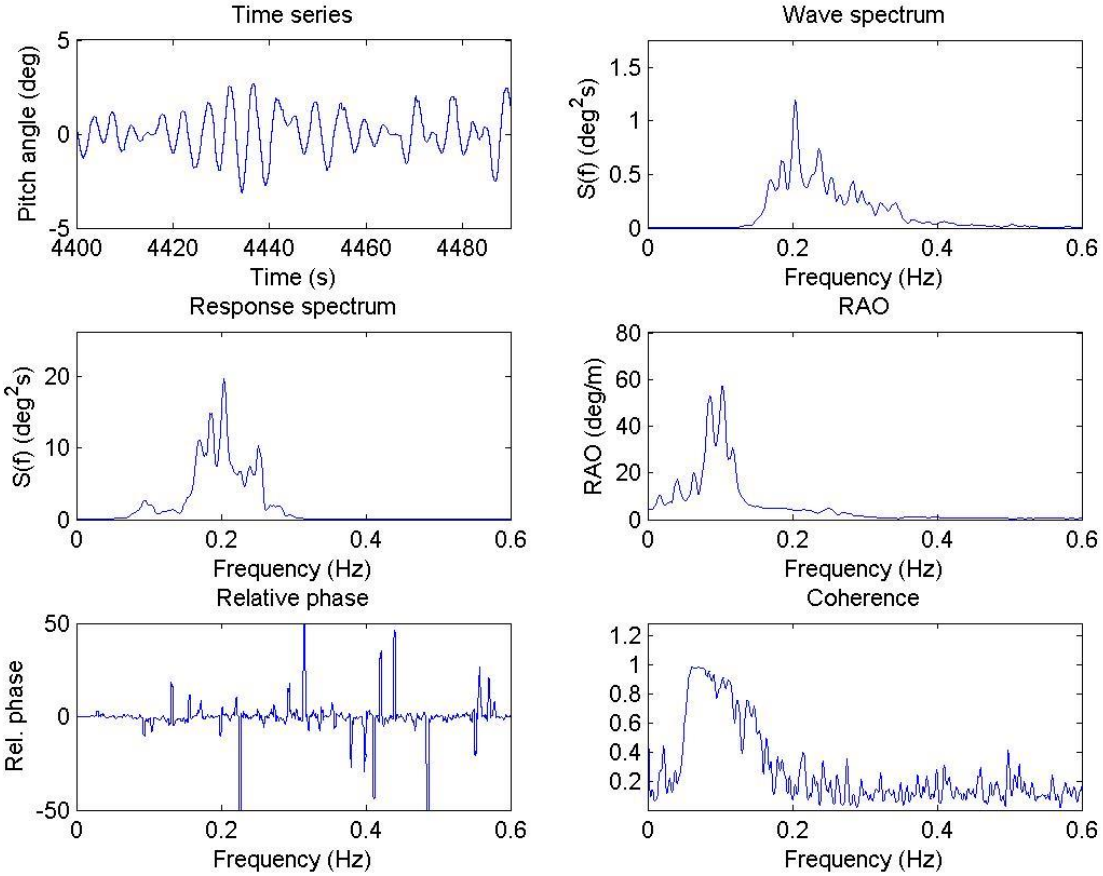

Figure A - 53: Spectral analysis setup 6, pitch

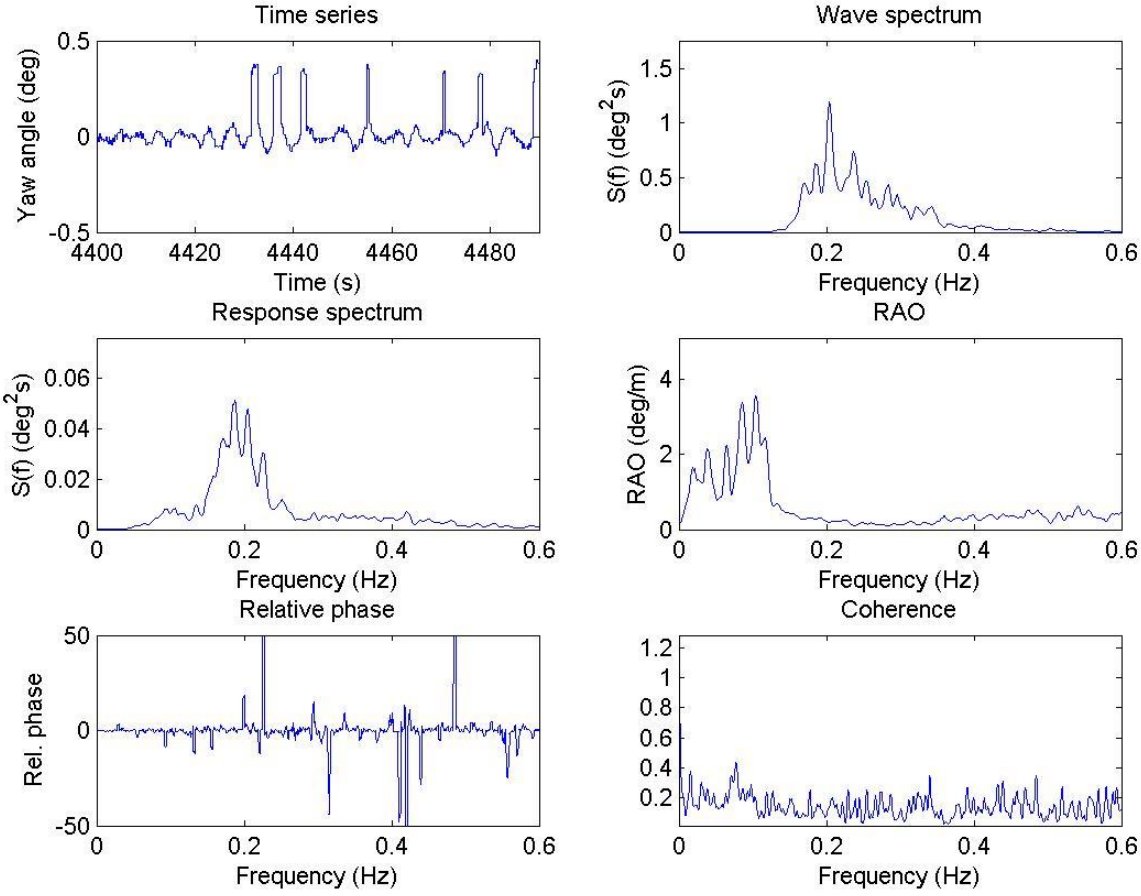

Figure A - 54: Spectral analysis setup 6, yaw

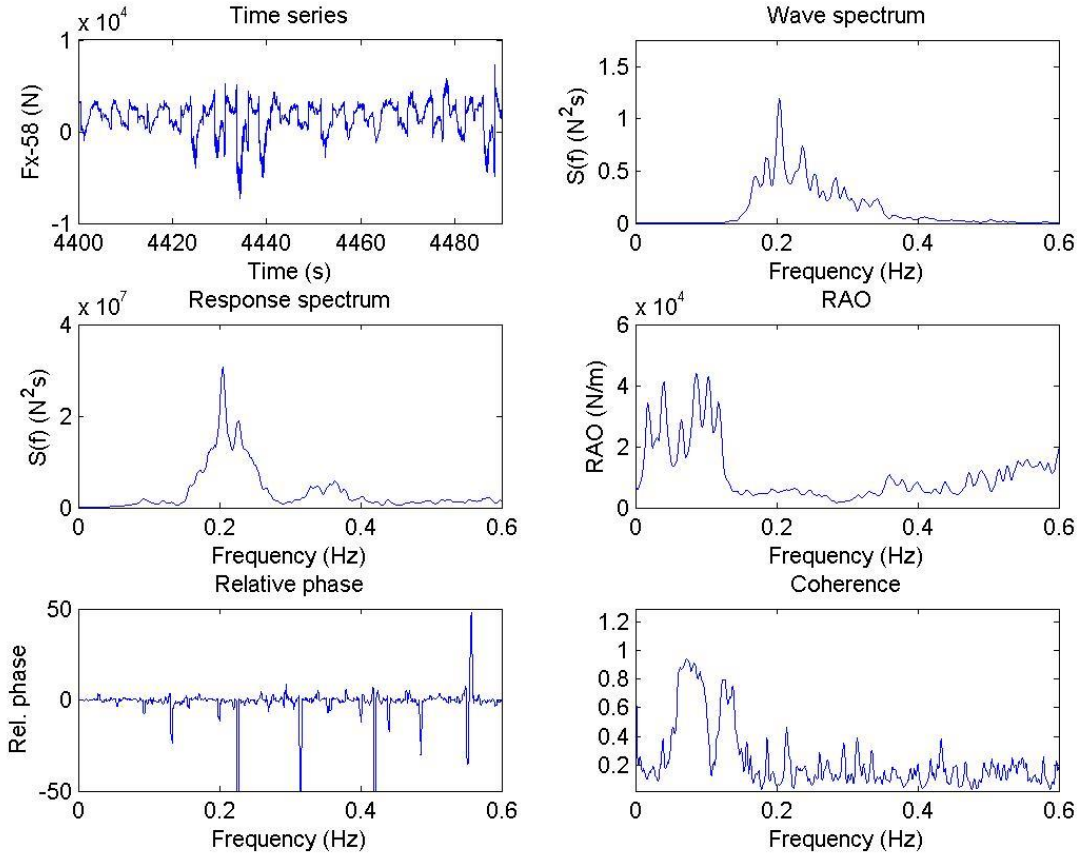

Figure A - 56: Spectral analysis setup 6, Fx-58

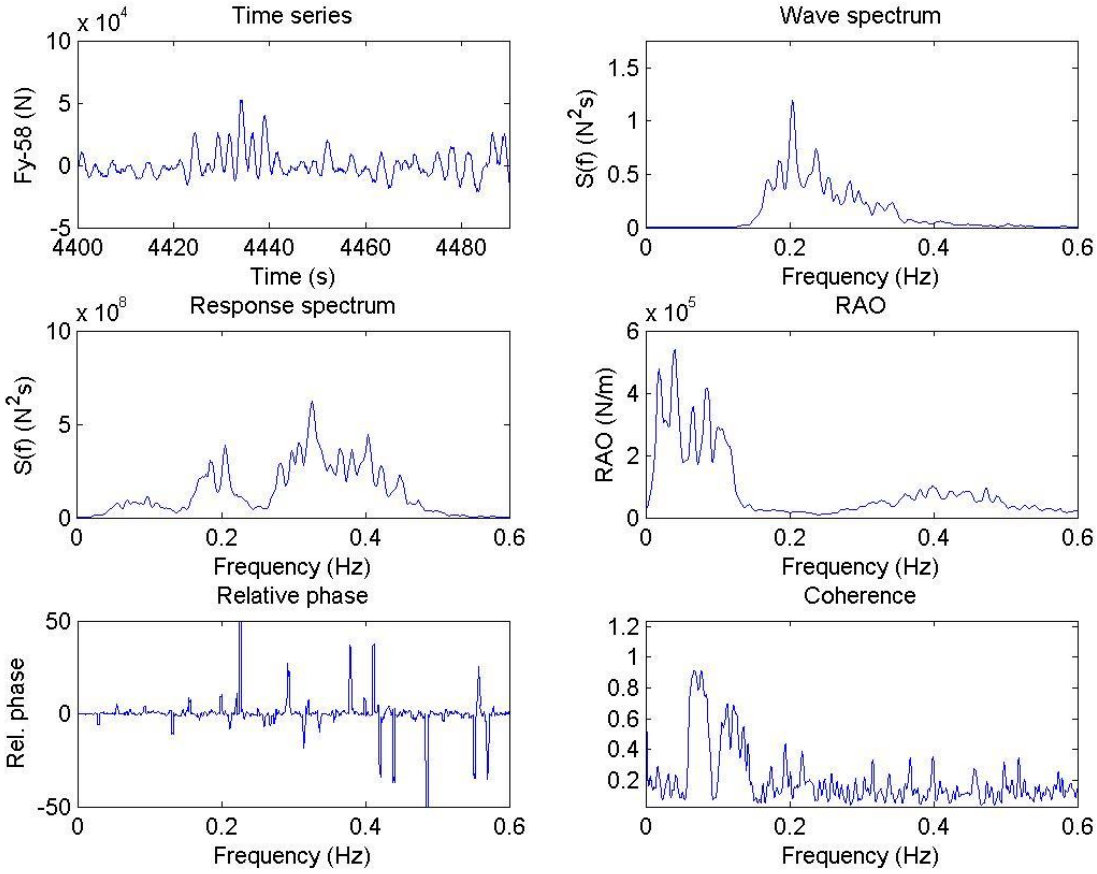

Figure A - 55: Spectral analysis setup 6, Fy-58

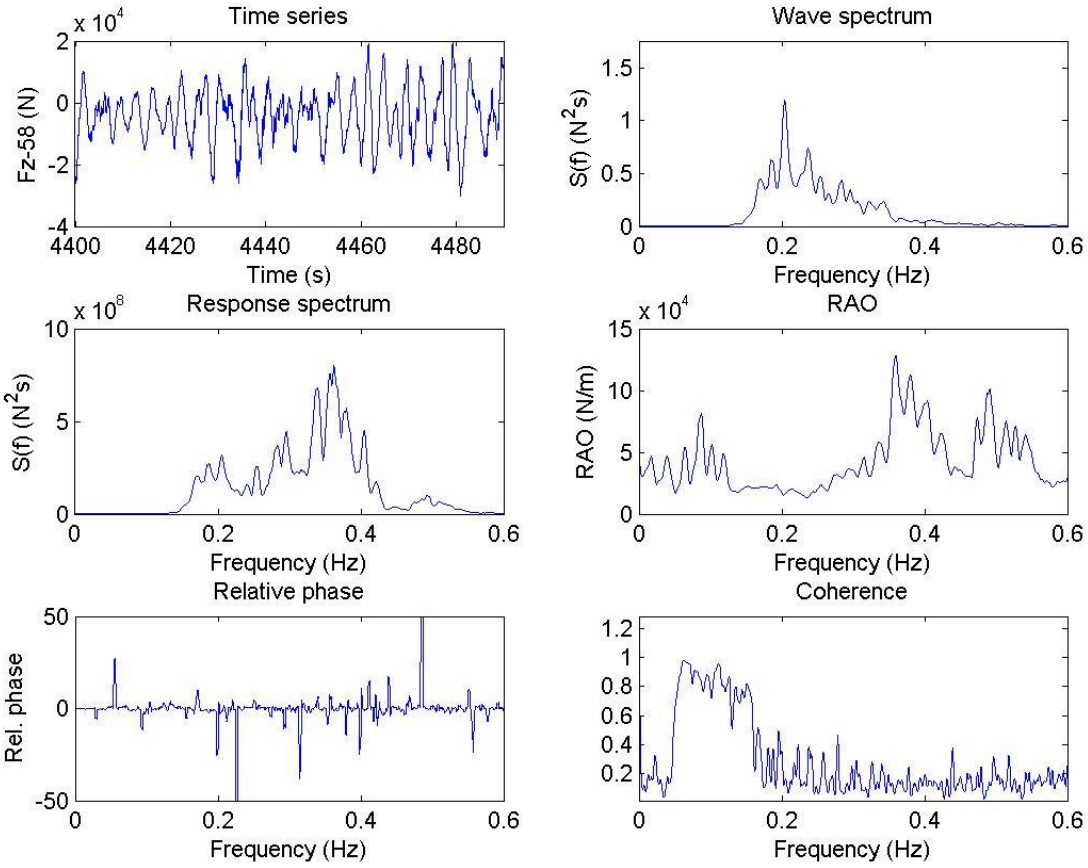

Figure A - 57: Spectral analysis setup 6, Fz-58

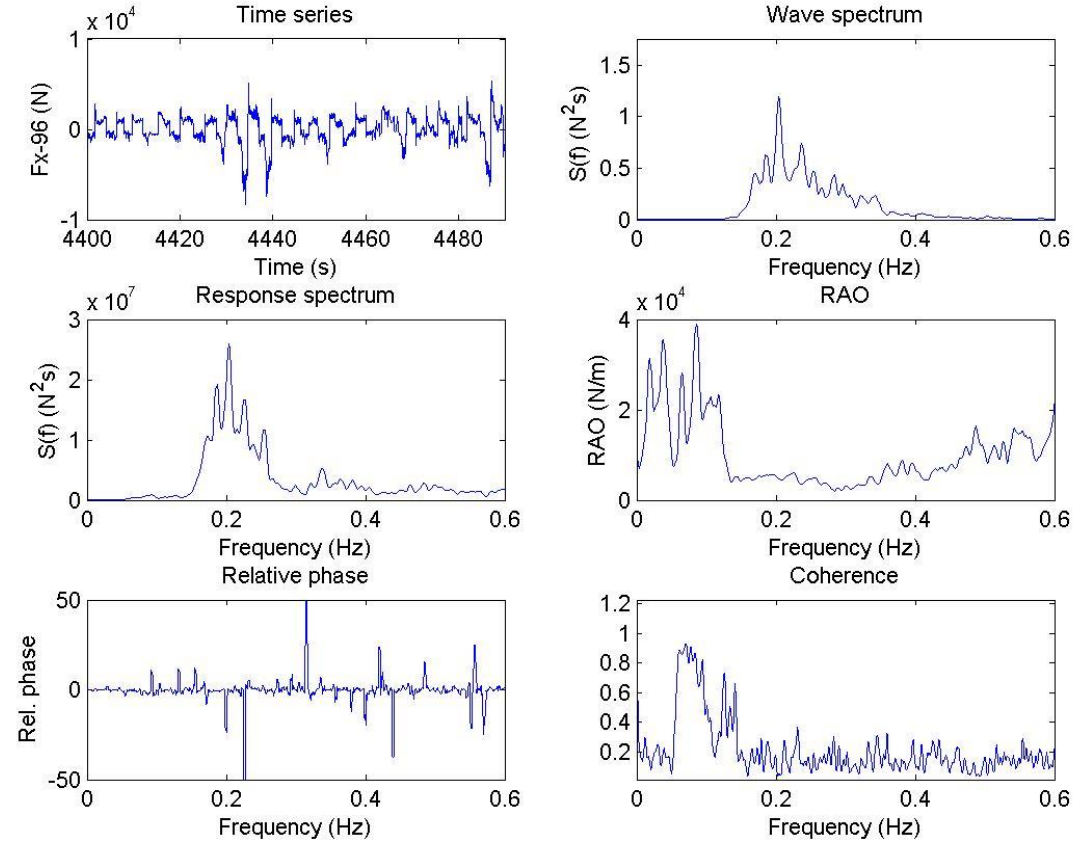

Figure A - 58: Spectral analysis setup 6, Fx-96

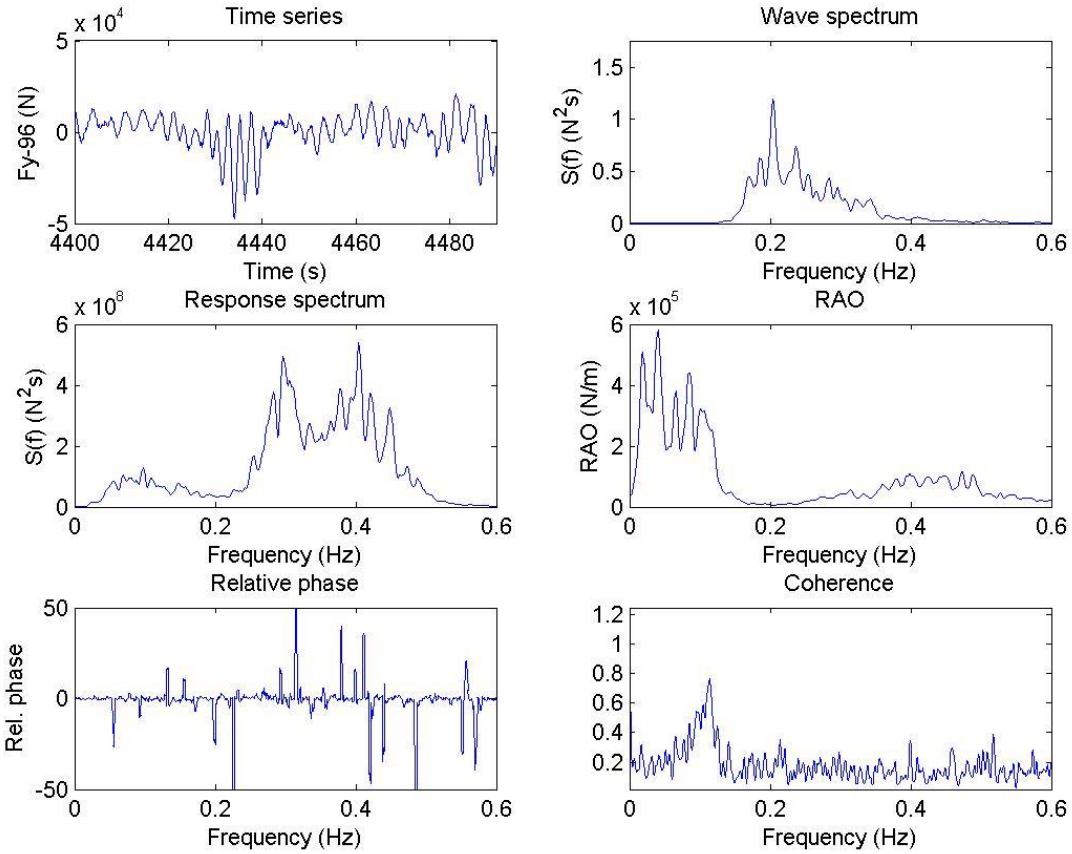

Figure A - 60: Spectral analysis setup 6, Fy-96

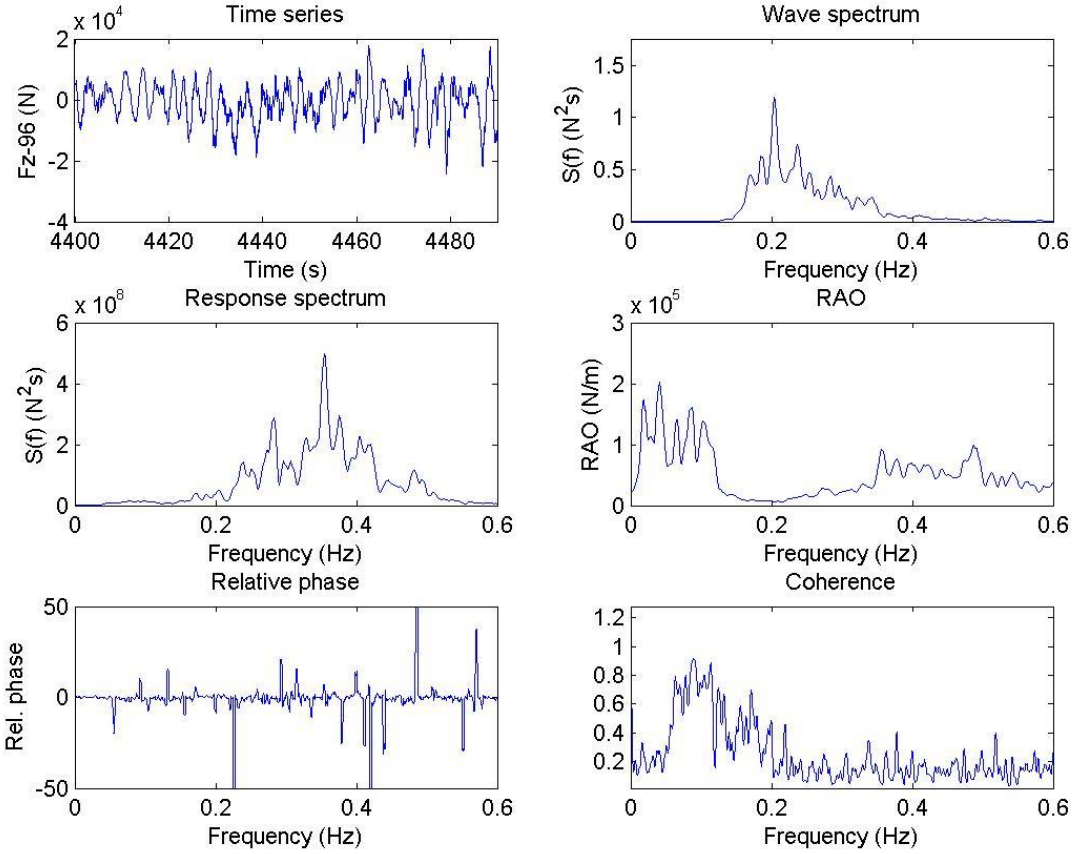

Figure A - 59: Spectral analysis setup 6, Fz-96