j_f = 4.0 m/s, $j_{g,P1}$ = 0.334 m/s, Port P4

$\varphi[°]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
90.0	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
90.0	0.8	16.8	0.004	0.000	15.5	0.0	4.58	0.00
90.0	0.7	119.0	0.031	0.000	113.2	0.0	4.46	0.00
90.0	0.6	212.7	0.057	0.000	207.3	0.0	4.35	0.00
90.0	0.5	206.1	0.056	0.000	202.9	0.0	4.32	0.00
90.0	0.4	150.8	0.041	0.000	148.7	0.0	4.33	0.00
90.0	0.3	93.7	0.025	0.000	91.8	0.0	4.33	0.00
90.0	0.2	69.8	0.018	0.000	67.9	0.0	4.38	0.00
90.0	0.1	50.8	0.013	0.000	49.0	0.0	4.45	0.00
90.0	0.0	47.8	0.012	0.000	45.2	0.0	4.52	0.00
90.0	-0.1	50.8	0.013	0.000	49.0	0.0	4.45	0.00
90.0	-0.2	69.8	0.018	0.000	67.9	0.0	4.38	0.00
90.0	-0.3	93.7	0.025	0.000	91.8	0.0	4.33	0.00
90.0	-0.4	150.8	0.041	0.000	148.7	0.0	4.33	0.00
90.0	-0.5	206.1	0.056	0.000	202.9	0.0	4.32	0.00
90.0	-0.6	212.7	0.057	0.000	207.3	0.0	4.35	0.00
90.0	-0.7	119.0	0.031	0.000	113.2	0.0	4.46	0.00
90.0	-0.8	16.8	0.004	0.000	15.5	0.0	4.58	0.00

$\varphi[°]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
67.5	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
67.5	0.8	227.9	0.068	0.000	221.6	0.0	4.40	0.00
67.5	0.7	547.7	0.169	0.000	524.3	0.0	4.47	0.00
67.5	0.6	647.9	0.200	0.000	635.1	0.0	4.37	0.00
67.5	0.5	563.0	0.172	0.000	562.3	0.0	4.28	0.00
67.5	0.4	390.0	0.116	0.000	399.0	0.0	4.18	0.00
67.5	0.3	229.4	0.067	0.000	237.3	0.0	4.13	0.00
67.5	0.2	123.1	0.034	0.000	122.5	0.0	4.30	0.00
67.5	0.1	71.5	0.018	0.000	68.6	0.0	4.45	0.00
67.5	0.0	49.9	0.013	0.000	47.2	0.0	4.50	0.00
67.5	-0.1	40.3	0.010	0.000	36.9	0.0	4.63	0.00
67.5	-0.2	36.0	0.008	0.000	32.4	0.0	4.73	0.00
67.5	-0.3	33.1	0.008	0.000	30.2	0.0	4.61	0.00
67.5	-0.4	34.5	0.008	0.000	31.6	0.0	4.60	0.00
67.5	-0.5	26.5	0.006	0.000	23.9	0.0	4.64	0.00
67.5	-0.6	17.4	0.004	0.000	15.6	0.0	4.66	0.00
67.5	-0.7	7.1	0.001	0.000	6.1	0.0	4.82	0.00

$\varphi[^\circ]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
45.0	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
45.0	0.8	659.2	0.247	0.000	640.5	0.2	4.41	6.21
45.0	0.7	844.1	0.308	0.000	791.1	0.2	4.54	4.47
45.0	0.6	845.1	0.298	0.000	787.1	0.1	4.57	4.97
45.0	0.5	746.0	0.252	0.000	711.1	0.0	4.49	0.00
45.0	0.4	605.8	0.196	0.000	637.0	0.0	4.06	0.00
45.0	0.3	359.9	0.112	0.000	376.6	0.0	4.08	0.00
45.0	0.2	173.1	0.049	0.000	177.8	0.0	4.14	0.00
45.0	0.1	89.5	0.024	0.000	87.3	0.0	4.33	0.00
45.0	0.0	55.4	0.014	0.000	52.2	0.0	4.52	0.00
45.0	-0.1	33.7	0.008	0.000	30.6	0.0	4.66	0.00
45.0	-0.2	27.3	0.006	0.000	23.8	0.0	4.84	0.00
45.0	-0.3	19.6	0.004	0.000	17.2	0.0	4.82	0.00
45.0	-0.4	12.3	0.003	0.000	10.5	0.0	4.89	0.00
45.0	-0.5	6.6	0.001	0.000	5.4	0.0	5.06	0.00

$\varphi[^\circ]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
22.5	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
22.5	0.8	880.7	0.487	0.005	1108.2	3.8	3.44	3.16
22.5	0.7	976.0	0.467	0.003	1148.9	2.5	3.65	3.72
22.5	0.6	1000.9	0.408	0.000	1108.1	0.1	3.85	4.05
22.5	0.5	922.4	0.342	0.000	1007.9	0.0	3.92	0.00
22.5	0.4	709.9	0.247	0.000	772.4	0.0	3.92	0.00
22.5	0.3	408.5	0.133	0.000	435.7	0.0	3.98	0.00
22.5	0.2	204.9	0.062	0.000	217.1	0.0	3.99	0.00
22.5	0.1	100.9	0.028	0.000	101.7	0.0	4.17	0.00
22.5	0.0	55.3	0.014	0.000	53.1	0.0	4.35	0.00
22.5	-0.1	31.1	0.008	0.000	28.5	0.0	4.61	0.00
22.5	-0.2	20.0	0.005	0.000	17.7	0.0	4.72	0.00
22.5	-0.3	13.6	0.003	0.000	11.8	0.0	4.81	0.00
22.5	-0.4	7.4	0.002	0.000	6.2	0.0	4.92	0.00

$\varphi[°]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
0.0	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
0.0	0.8	909.2	0.540	0.001	1302.1	0.4	3.02	2.98
0.0	0.7	940.4	0.494	0.001	1197.4	0.3	3.37	3.22
0.0	0.6	973.1	0.435	0.000	1137.7	0.1	3.65	2.48
0.0	0.5	911.2	0.361	0.000	1008.9	0.0	3.87	0.00
0.0	0.4	739.5	0.271	0.000	777.1	0.0	4.04	0.00
0.0	0.3	453.0	0.152	0.000	458.6	0.0	4.22	0.00
0.0	0.2	234.5	0.072	0.000	234.5	0.0	4.21	0.00
0.0	0.1	114.8	0.033	0.000	110.5	0.0	4.35	0.00
0.0	0.0	58.2	0.016	0.000	53.5	0.0	4.55	0.00
0.0	-0.1	37.0	0.010	0.000	33.2	0.0	4.65	0.00
0.0	-0.2	21.4	0.005	0.000	18.5	0.0	4.83	0.00
0.0	-0.3	12.8	0.003	0.000	11.0	0.0	4.92	0.00
0.0	-0.4	6.6	0.002	0.000	5.5	0.0	4.96	0.00

$\varphi[°]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
112.5	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
112.5	0.7	7.1	0.001	0.000	6.1	0.0	4.82	0.00
112.5	0.6	17.4	0.004	0.000	15.6	0.0	4.66	0.00
112.5	0.5	26.5	0.006	0.000	23.9	0.0	4.64	0.00
112.5	0.4	34.5	0.008	0.000	31.6	0.0	4.60	0.00
112.5	0.3	33.1	0.008	0.000	30.2	0.0	4.61	0.00
112.5	0.2	36.0	0.008	0.000	32.4	0.0	4.73	0.00
112.5	0.1	40.3	0.010	0.000	36.9	0.0	4.63	0.00
112.5	0.0	49.9	0.013	0.000	47.2	0.0	4.50	0.00
112.5	-0.1	71.5	0.018	0.000	68.6	0.0	4.45	0.00
112.5	-0.2	123.1	0.034	0.000	122.5	0.0	4.30	0.00
112.5	-0.3	229.4	0.067	0.000	237.3	0.0	4.13	0.00
112.5	-0.4	390.0	0.116	0.000	399.0	0.0	4.18	0.00
112.5	-0.5	563.0	0.172	0.000	562.3	0.0	4.28	0.00
112.5	-0.6	647.9	0.200	0.000	635.1	0.0	4.37	0.00
112.5	-0.7	547.7	0.169	0.000	524.3	0.0	4.47	0.00
112.5	-0.8	227.9	0.068	0.000	221.6	0.0	4.40	0.00

$\varphi[^\circ]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
135.0	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
135.0	0.5	6.6	0.001	0.000	5.4	0.0	5.06	0.00
135.0	0.4	12.3	0.003	0.000	10.5	0.0	4.89	0.00
135.0	0.3	19.6	0.004	0.000	17.2	0.0	4.82	0.00
135.0	0.2	27.3	0.006	0.000	23.8	0.0	4.84	0.00
135.0	0.1	33.7	0.008	0.000	30.6	0.0	4.66	0.00
135.0	0.0	55.4	0.014	0.000	52.2	0.0	4.52	0.00
135.0	-0.1	89.5	0.024	0.000	87.3	0.0	4.33	0.00
135.0	-0.2	173.1	0.049	0.000	177.8	0.0	4.14	0.00
135.0	-0.3	359.9	0.112	0.000	376.6	0.0	4.08	0.00
135.0	-0.4	605.8	0.196	0.000	637.0	0.0	4.06	0.00
135.0	-0.5	746.0	0.252	0.000	711.1	0.0	4.49	0.00
135.0	-0.6	845.1	0.298	0.000	787.1	0.1	4.57	4.97
135.0	-0.7	844.1	0.308	0.000	791.1	0.2	4.54	4.47
135.0	-0.8	659.2	0.247	0.000	640.5	0.2	4.41	6.21

$\varphi[^\circ]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
157.5	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
157.5	0.4	7.4	0.002	0.000	6.2	0.0	4.92	0.00
157.5	0.3	13.6	0.003	0.000	11.8	0.0	4.81	0.00
157.5	0.2	20.0	0.005	0.000	17.7	0.0	4.72	0.00
157.5	0.1	31.1	0.008	0.000	28.5	0.0	4.61	0.00
157.5	0.0	55.3	0.014	0.000	53.1	0.0	4.35	0.00
157.5	-0.1	100.9	0.028	0.000	101.7	0.0	4.17	0.00
157.5	-0.2	204.9	0.062	0.000	217.1	0.0	3.99	0.00
157.5	-0.3	408.5	0.133	0.000	435.7	0.0	3.98	0.00
157.5	-0.4	709.9	0.247	0.000	772.4	0.0	3.92	0.00
157.5	-0.5	922.4	0.342	0.000	1007.9	0.0	3.92	0.00
157.5	-0.6	1000.9	0.408	0.000	1108.1	0.1	3.85	4.05
157.5	-0.7	976.0	0.467	0.003	1148.9	2.5	3.65	3.72
157.5	-0.8	880.7	0.487	0.005	1108.2	3.8	3.44	3.16