j_f = 4.0 m/s, $j_{g,P1}$ = 0.334 m/s, Port P9

$\varphi[°]$	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	219.9	0.080	0.000	215.7	0.1	4.19	3.05
90.0	0.7	304.1	0.114	0.000	277.1	0.0	4.45	0.00
90.0	0.6	373.9	0.146	0.000	326.6	0.2	4.59	4.31
90.0	0.5	453.1	0.187	0.000	375.6	0.0	4.73	0.00
90.0	0.4	460.8	0.200	0.000	373.7	0.2	4.79	3.74
90.0	0.3	441.2	0.197	0.001	359.8	0.7	4.74	4.04
90.0	0.2	416.4	0.190	0.001	344.5	0.6	4.67	3.83
90.0	0.1	401.1	0.184	0.002	336.7	1.0	4.61	3.69
90.0	0.0	406.0	0.187	0.001	335.4	0.5	4.66	4.34
90.0	-0.1	401.1	0.184	0.002	336.7	1.0	4.61	3.69
90.0	-0.2	416.4	0.190	0.001	344.5	0.6	4.67	3.83
90.0	-0.3	441.2	0.197	0.001	359.8	0.7	4.74	4.04
90.0	-0.4	460.8	0.200	0.000	373.7	0.2	4.79	3.74
90.0	-0.5	453.1	0.187	0.000	375.6	0.0	4.73	0.00
90.0	-0.6	373.9	0.146	0.000	326.6	0.2	4.59	4.31
90.0	-0.7	304.1	0.114	0.000	277.1	0.0	4.45	0.00
90.0	-0.8	219.9	0.080	0.000	215.7	0.1	4.19	3.05

$\varphi[°]$	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	131.7	0.043	0.000	142.3	0.0	3.84	0.00
67.5	0.7	218.0	0.078	0.000	215.0	0.5	4.15	1.88
67.5	0.6	282.7	0.105	0.000	259.6	0.0	4.42	0.00
67.5	0.5	355.7	0.137	0.000	305.5	0.1	4.66	3.86
67.5	0.4	419.7	0.170	0.000	353.1	0.0	4.68	4.89
67.5	0.3	446.5	0.188	0.000	370.7	0.2	4.71	4.11
67.5	0.2	436.0	0.193	0.001	358.0	0.3	4.72	4.12
67.5	0.1	429.4	0.194	0.002	359.2	1.1	4.63	4.16
67.5	0.0	396.7	0.179	0.001	328.4	0.5	4.68	4.22
67.5	-0.1	401.4	0.183	0.001	332.1	0.5	4.67	4.15
67.5	-0.2	420.7	0.194	0.001	337.4	0.6	4.79	4.57
67.5	-0.3	449.1	0.202	0.001	356.5	0.4	4.86	3.43
67.5	-0.4	464.8	0.202	0.000	367.7	0.1	4.91	4.45
67.5	-0.5	456.2	0.192	0.000	368.5	0.0	4.84	4.58
67.5	-0.6	394.3	0.155	0.000	325.5	0.0	4.82	0.00
67.5	-0.7	309.4	0.116	0.000	276.1	0.0	4.53	0.00
67.5	-0.8	209.9	0.075	0.000	199.0	0.1	4.32	3.19

$\varphi[^\circ]$	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	123.7	0.042	0.000	139.8	0.0	3.68	0.00
45.0	0.7	199.9	0.071	0.000	205.5	0.0	4.00	0.00
45.0	0.6	257.5	0.094	0.000	246.0	0.2	4.26	1.36
45.0	0.5	309.4	0.118	0.000	280.8	0.0	4.43	0.00
45.0	0.4	364.9	0.144	0.000	322.6	0.3	4.50	3.38
45.0	0.3	404.5	0.168	0.000	356.9	0.2	4.48	3.91
45.0	0.2	404.3	0.176	0.001	351.6	0.4	4.52	3.83
45.0	0.1	402.5	0.180	0.000	344.3	0.1	4.57	4.07
45.0	0.0	398.4	0.183	0.001	333.6	0.6	4.63	4.30
45.0	-0.1	408.0	0.189	0.001	333.8	0.6	4.73	4.32
45.0	-0.2	423.8	0.197	0.002	335.2	0.7	4.85	4.38
45.0	-0.3	430.8	0.197	0.001	333.8	0.6	4.92	4.81
45.0	-0.4	444.7	0.196	0.001	338.5	0.3	5.00	4.56
45.0	-0.5	431.1	0.181	0.000	337.8	0.1	4.96	4.60
45.0	-0.6	378.0	0.148	0.000	307.0	0.1	4.89	4.31
45.0	-0.7	291.4	0.109	0.000	251.9	0.0	4.67	0.00
45.0	-0.8	203.1	0.072	0.000	190.7	0.0	4.35	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	113.3	0.039	0.000	133.2	0.0	3.51	0.00
22.5	0.7	167.0	0.060	0.000	181.6	0.0	3.77	0.00
22.5	0.6	203.6	0.076	0.000	210.2	0.0	3.95	0.00
22.5	0.5	244.5	0.094	0.000	239.0	0.1	4.15	3.49
22.5	0.4	291.9	0.115	0.000	274.4	0.5	4.28	3.59
22.5	0.3	327.4	0.135	0.000	303.4	0.2	4.32	4.31
22.5	0.2	351.3	0.149	0.001	312.2	0.3	4.45	4.31
22.5	0.1	379.9	0.171	0.002	327.6	0.9	4.54	4.35
22.5	0.0	396.3	0.183	0.002	327.9	1.1	4.67	4.31
22.5	-0.1	408.3	0.197	0.003	323.9	1.6	4.78	4.53
22.5	-0.2	415.4	0.199	0.002	323.0	1.1	4.91	4.67
22.5	-0.3	410.1	0.193	0.002	311.3	1.0	4.98	4.78
22.5	-0.4	416.7	0.185	0.001	315.0	0.3	5.01	4.55
22.5	-0.5	394.1	0.166	0.000	301.8	0.0	5.01	4.89
22.5	-0.6	339.7	0.132	0.000	274.7	0.0	4.92	4.89
22.5	-0.7	267.4	0.099	0.000	228.5	0.0	4.70	0.00
22.5	-0.8	186.1	0.065	0.000	171.8	0.0	4.45	0.00

$\varphi[^\circ]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
0.0	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
0.0	-0.8	175.3	0.061	0.000	162.2	0.1	4.43	6.11
0.0	-0.7	252.0	0.093	0.000	211.5	0.0	4.80	0.00
0.0	-0.6	329.0	0.130	0.000	265.4	0.1	4.93	5.24
0.0	-0.5	371.6	0.159	0.000	284.8	0.1	5.00	4.08
0.0	-0.4	388.7	0.176	0.002	293.9	0.8	5.01	4.59
0.0	-0.3	398.1	0.190	0.003	299.5	1.5	5.01	4.96
0.0	-0.2	407.2	0.200	0.005	310.7	2.6	4.92	4.74
0.0	-0.1	405.0	0.200	0.007	316.7	3.0	4.84	4.44
0.0	0.0	394.6	0.181	0.002	326.1	0.7	4.71	4.54
0.0	0.1	357.2	0.163	0.001	308.4	0.7	4.54	4.26
0.0	0.2	314.1	0.137	0.001	279.2	0.5	4.47	4.04
0.0	0.3	269.4	0.112	0.001	252.2	0.3	4.30	3.67
0.0	0.4	217.5	0.087	0.000	213.8	0.0	4.12	0.00
0.0	0.5	174.8	0.067	0.000	183.1	0.1	3.90	3.49
0.0	0.6	138.1	0.052	0.000	155.2	0.0	3.67	0.00
0.0	0.7	105.7	0.039	0.000	126.6	0.0	3.44	0.00
0.0	0.8	55.9	0.019	0.000	73.3	0.0	3.17	0.00

$\varphi[^\circ]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
112.5	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
112.5	0.8	209.9	0.075	0.000	199.0	0.1	4.32	3.19
112.5	0.7	309.4	0.116	0.000	276.1	0.0	4.53	0.00
112.5	0.6	394.3	0.155	0.000	325.5	0.0	4.82	0.00
112.5	0.5	456.2	0.192	0.000	368.5	0.0	4.84	4.58
112.5	0.4	464.8	0.202	0.000	367.7	0.1	4.91	4.45
112.5	0.3	449.1	0.202	0.001	356.5	0.4	4.86	3.43
112.5	0.2	420.7	0.194	0.001	337.4	0.6	4.79	4.57
112.5	0.1	401.4	0.183	0.001	332.1	0.5	4.67	4.15
112.5	0.0	396.7	0.179	0.001	328.4	0.5	4.68	4.22
112.5	-0.1	429.4	0.194	0.002	359.2	1.1	4.63	4.16
112.5	-0.2	436.0	0.193	0.001	358.0	0.3	4.72	4.12
112.5	-0.3	446.5	0.188	0.000	370.7	0.2	4.71	4.11
112.5	-0.4	419.7	0.170	0.000	353.1	0.0	4.68	4.89
112.5	-0.5	355.7	0.137	0.000	305.5	0.1	4.66	3.86
112.5	-0.6	282.7	0.105	0.000	259.6	0.0	4.42	0.00
112.5	-0.7	218.0	0.078	0.000	215.0	0.5	4.15	1.88
112.5	-0.8	131.7	0.043	0.000	142.3	0.0	3.84	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	0.8	203.1	0.072	0.000	190.7	0.0	4.35	0.00
135.0	0.7	291.4	0.109	0.000	251.9	0.0	4.67	0.00
135.0	0.6	378.0	0.148	0.000	307.0	0.1	4.89	4.31
135.0	0.5	431.1	0.181	0.000	337.8	0.1	4.96	4.60
135.0	0.4	444.7	0.196	0.001	338.5	0.3	5.00	4.56
135.0	0.3	430.8	0.197	0.001	333.8	0.6	4.92	4.81
135.0	0.2	423.8	0.197	0.002	335.2	0.7	4.85	4.38
135.0	0.1	408.0	0.189	0.001	333.8	0.6	4.73	4.32
135.0	0.0	398.4	0.183	0.001	333.6	0.6	4.63	4.30
135.0	-0.1	402.5	0.180	0.000	344.3	0.1	4.57	4.07
135.0	-0.2	404.3	0.176	0.001	351.6	0.4	4.52	3.83
135.0	-0.3	404.5	0.168	0.000	356.9	0.2	4.48	3.91
135.0	-0.4	364.9	0.144	0.000	322.6	0.3	4.50	3.38
135.0	-0.5	309.4	0.118	0.000	280.8	0.0	4.43	0.00
135.0	-0.6	257.5	0.094	0.000	246.0	0.2	4.26	1.36
135.0	-0.7	199.9	0.071	0.000	205.5	0.0	4.00	0.00
135.0	-0.8	123.7	0.042	0.000	139.8	0.0	3.68	0.00

$\varphi[^\circ]$	r/R	$f_b[Hz]$	$\alpha_1[-]$	$\alpha_2[-]$	$a_{i1}[m^{-1}]$	$a_{i2}[m^{-1}]$	$v_{g1}[m/s]$	$v_{g2}[m/s]$
157.5	1.0	0.0	0.000	0.000	0.0	0.0	0.00	0.00
157.5	0.8	186.1	0.065	0.000	171.8	0.0	4.45	0.00
157.5	0.7	267.4	0.099	0.000	228.5	0.0	4.70	0.00
157.5	0.6	339.7	0.132	0.000	274.7	0.0	4.92	4.89
157.5	0.5	394.1	0.166	0.000	301.8	0.0	5.01	4.89
157.5	0.4	416.7	0.185	0.001	315.0	0.3	5.01	4.55
157.5	0.3	410.1	0.193	0.002	311.3	1.0	4.98	4.78
157.5	0.2	415.4	0.199	0.002	323.0	1.1	4.91	4.67
157.5	0.1	408.3	0.197	0.003	323.9	1.6	4.78	4.53
157.5	0.0	396.3	0.183	0.002	327.9	1.1	4.67	4.31
157.5	-0.1	379.9	0.171	0.002	327.6	0.9	4.54	4.35
157.5	-0.2	351.3	0.149	0.001	312.2	0.3	4.45	4.31
157.5	-0.3	327.4	0.135	0.000	303.4	0.2	4.32	4.31
157.5	-0.4	291.9	0.115	0.000	274.4	0.5	4.28	3.59
157.5	-0.5	244.5	0.094	0.000	239.0	0.1	4.15	3.49
157.5	-0.6	203.6	0.076	0.000	210.2	0.0	3.95	0.00
157.5	-0.7	167.0	0.060	0.000	181.6	0.0	3.77	0.00
157.5	-0.8	113.3	0.039	0.000	133.2	0.0	3.51	0.00