

## APPENDIX A

Table of Dominant Frequency and Amplification factor

No.	Station Name (Observation point)	Amplification factor ( $A_0$ )	Dominant Frequency ( $f_0$ )
1	1	1.55	1.32
2	2	4.01	1.786
3	3	3.87	1.63
4	4	2.951	13.193
5	5	3.06	1.9
6	6	3.831	1.409
7	7	2	1.486
8	8	2.87	2.22
9	9	1.03	1.67
10	10	3	12.764
11	11	2.967	1.898
12	12	3.08	1.313
13	13	2.64	1.59
14	14	2.388	1.766
15	15	1.85	3.26
16	16	1.69	1.732
17	17	2.354	1.608
18	18	2.79	1.208
19	19	3.731	1.141
20	20	5.258	2.21
21	21	0.34	2.4
22	22	2.768	1.607
23	23	3.249	1.564
24	24	6.138	2.64
25	25	3.11	1.57
26	26	4.382	1.418
27	27	4.03	2.654
28	28	1.76	1.759
29	29	7.25	11.22
30	30	4.26	2.371
31	31	2.276	1.677
32	32	3.83	1.83
33	33	1.146	0.956
34	34	2.14	4.6
35	35	1.54	2.73
36	B01	3.27	14.363
37	B02	6.46	22.313
38	B03	3.053	0.725
39	B06	2.572	11.953
40	B09	2.289	3.703

41	B10	4.682	4.524
42	B11	3.667	6.762
No.	Station Name (Observation point)	Amplifacation factor ( $A_0$ )	Dominant Frequency ( $f_0$ )
43	B12	4.072	4.096
44	B13	3.879	17.579
45	B14	2.993	1.386
46	B15	4.114	14.042
47	C01	2.05	5.206
48	C02	17.997	22.07
49	C06	2.278	3.39
50	C07	3.417	3.947
51	C08	3.836	2.776
52	C09	3.462	1.241
53	C10	10.355	22.121
54	C11	4.408	5.212
55	C12	2.183	2.548
56	C13	2.876	4.272
57	C14	4.066	19.363
58	C15	3.678	2.916
59	D01	10.132	28.642
60	D02	4.109	17.818
61	D03	10.498	22.138
62	D04	2.401	21.253
63	D05	5.233	10.439
64	D07	3.301	3.585
65	D08	2.197	16.639
66	D09	7.555	22.145
67	D10	3.811	11.352
68	D11	3.602	4.089
69	D12	10.441	20.433
70	D13	2.251	2.904
71	D14	7.914	19.784
72	D15	4.203	6.994
73	D16	3.542	10.582
74	E01	4.384	15.525
75	E02	4.039	6.953
76	E03	2.64	5.294
77	E04	5.886	21.283
78	E05	8.422	20.898
79	E06	3.503	20.799
80	E07	2.331	4.089
81	E09	4.743	3.781
82	E10	9.935	11.385

83	E11	4.547	5.781
84	E12	3.921	7.817
85	E13	3.757	8.769
86	F04	14.987	19.336
No.	Station Name (Observation point)	Amplifacation factor ( $A_0$ )	Dominant Frequency ( $f_0$ )
87	F05	3.33	22.325
88	F09	2.604	20.719
89	F13	3.418	16.051
90	H08	3.64	20.413
91	H15	2.934	4.598
92	H16	4.101	3.728
93	H19	14.892	17.203
94	H20	8.163	10.887
95	I01	2.835	2.813
96	I02	2.818	2.591
97	I09	2.908	1.89
98	I12	9.123	16.142
99	I13	2.558	2.761
100	I15	2.31	5.658
101	I18	8.703	21.582
102	I19	4.033	17.357
103	I20	9.49	20.395
104	I21	1.28	2.864
105	I22	3.474	11.099
106	I23	3.18	3.802
107	I24	3.108	0.952
108	I25	14.821	19.095
109	I26	2.641	16.449
110	I28	2.208	3.247
111	I29	1.945	21.719
112	I30	2.057	2.044
113	I31	2.539	1.129
114	I32	4.133	21.988
115	I33	4.349	21.311
116	I34	2.165	7.455
117	I35	31.105	22.176
118	P01	2.248	17.256
119	P06	3.782	0.72
120	P09	3.82	19.636
121	P11	2.887	1.538
122	P12	8.41	22.448
123	P14	2.129	20.735