

## 第5章 低周波音

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## 第5章 低周波音

### 5.1 低周波音現地調査結果

対象事業実施区域及びその周辺における低周波音の現地調査結果を、表 5-1-1～2 に示す。

表5.1.1 低周波音現地調査結果

地点：No.1 測定日：2017.8.2～3

測定時間	G特性音圧レベル	1/3オクターブ中心周波数 (Hz)																				
		AP	1	1.25	1.6	2	2.5	3.15	4	5	6.3	8	10	12.5	16	20	25	31.5	40	50	63	80
12～13	55.0	46.9	36.9	38.4	38.6	35.3	34.3	32.7	34.1	37.7	32.3	33.4	31.9	33.2	27.0	20.1	16.4	23.5	27.2	27.8	26.1	21.1
13～14	54.4	47.6	37.3	38.6	38.7	33.8	32.6	30.5	30.9	28.7	29.0	30.2	33.1	35.0	36.0	34.4	34.6	35.2	36.3	35.9	37.7	36.2
14～15	57.9	50.1	42.7	42.2	42.3	37.9	35.6	33.8	33.2	30.4	29.7	31.4	33.9	35.8	36.8	36.1	34.9	35.1	36.6	36.0	36.2	34.5
15～16	58.8	49.5	42.3	43.0	41.6	37.8	37.2	33.8	31.3	30.8	29.4	29.3	31.8	33.8	34.5	33.5	31.7	30.4	32.4	34.5	34.1	32.5
16～17	50.9	45.0	31.7	34.8	34.4	28.5	28.6	29.3	32.9	32.4	30.9	30.7	32.9	34.3	35.2	33.2	31.0	28.6	30.1	35.2	33.8	30.5
17～18	50.1	42.7	32.2	35.0	35.5	27.8	26.8	25.2	24.5	22.8	22.7	25.6	29.4	31.3	32.8	31.3	29.8	26.7	27.8	32.3	31.5	28.5
18～19	60.2	51.3	44.2	46.3	44.5	39.4	38.5	35.6	34.5	30.6	29.2	28.6	31.0	32.7	31.9	30.2	29.6	27.9	27.9	28.7	28.7	28.2
19～20	60.9	50.6	43.2	46.6	42.0	38.4	36.1	33.8	32.6	30.0	29.1	29.4	32.9	35.2	33.3	32.4	31.7	30.3	30.7	30.8	32.6	31.3
20～21	59.1	50.1	44.8	42.5	41.7	38.6	35.9	33.5	33.3	29.4	28.1	28.3	31.8	33.6	32.6	31.9	30.8	29.3	30.5	30.8	32.0	29.0
21～22	54.5	46.5	38.9	40.7	38.5	34.8	32.3	32.7	29.8	27.1	26.5	26.9	30.2	32.3	31.7	30.9	29.9	28.3	28.6	28.9	29.5	26.9
22～23	52.9	44.4	36.4	37.2	37.0	32.1	31.0	27.6	26.7	24.4	24.7	26.2	29.8	31.4	31.2	30.7	30.3	27.2	27.5	29.0	30.2	27.1
23～0	56.7	47.7	41.3	41.7	39.8	36.3	35.0	31.0	30.4	27.5	26.1	27.1	30.0	31.4	30.7	29.6	29.7	27.3	27.4	28.9	29.6	27.1
0～1	52.6	44.6	36.9	37.7	37.5	32.9	30.8	28.1	27.3	25.0	23.6	26.6	29.8	31.2	30.6	29.8	29.7	27.0	27.0	27.8	29.3	26.9
1～2	57.6	48.6	40.6	42.6	42.2	37.1	36.6	35.0	33.1	29.8	27.5	27.6	29.9	30.8	30.5	29.6	29.8	27.3	27.2	28.0	29.8	27.2
2～3	51.5	46.5	32.2	33.8	33.3	29.0	28.7	30.4	31.5	32.1	37.5	37.5	38.4	36.0	35.5	30.5	29.0	28.5	27.7	28.3	26.4	24.3
3～4	58.6	50.6	42.5	44.6	44.2	40.9	38.8	36.3	34.7	31.6	30.0	29.0	30.9	31.8	31.5	29.7	29.0	27.6	28.3	29.8	30.2	27.8
4～5	56.5	47.9	40.3	41.8	41.3	37.5	34.9	32.5	31.0	28.5	27.1	27.4	30.1	31.1	31.2	30.3	29.4	28.1	28.4	28.4	29.2	28.5
5～6	56.4	48.7	41.5	42.8	41.7	37.7	35.4	33.1	32.4	29.3	27.7	28.4	30.3	31.5	31.3	30.4	29.4	27.4	28.2	29.0	29.8	28.3
6～7	53.5	44.9	37.1	37.9	37.9	33.5	30.7	28.4	28.2	25.7	24.8	27.0	30.3	31.4	31.3	29.7	28.9	26.5	26.9	27.1	26.7	
7～8	57.6	50.2	44.1	44.0	43.8	39.1	36.3	33.2	32.5	29.3	27.8	28.9	30.8	32.8	31.8	29.8	29.2	27.1	28.0	27.5	30.6	28.2
8～9	53.1	45.3	37.4	38.9	39.3	34.0	31.9	30.5	28.8	25.3	24.5	26.6	29.3	30.5	30.5	28.8	28.3	24.2	24.2	24.6	25.2	24.3
9～10	56.0	46.2	38.4	38.1	38.1	34.5	33.1	31.0	29.7	27.8	27.6	29.8	31.1	32.5	33.7	32.1	30.2	28.7	31.2	33.6	31.3	29.8
10～11	58.0	49.7	42.8	43.2	43.4	39.3	37.5	36.1	33.3	30.5	28.1	28.2	29.7	30.6	30.6	28.8	28.3	25.2	26.2	27.2	25.3	23.7
11～12	54.9	45.8	38.9	38.8	38.4	34.7	32.5	29.5	29.0	26.1	25.8	27.9	30.0	30.8	31.1	29.9	29.1	26.1	26.2	26.3	27.3	25.6
平均	56.6	48.2	40.7	41.7	40.8	36.6	34.8	32.6	31.7	30.1	28.3	29.9	31.8	32.9	32.8	31.3	30.4	29.1	30.1	31.1	31.4	29.5
昼間	56.9	48.3	41.1	41.9	40.8	36.6	34.8	32.6	31.8	30.5	28.5	29.3	31.5	33.2	33.2	31.8	30.8	29.7	30.9	31.9	32.1	30.3
夜間	56.0	47.8	39.9	41.4	40.7	36.7	35.0	32.7	31.6	29.3	30.6	30.8	32.5	32.3	31.9	30.1	29.6	27.6	27.7	28.7	29.4	27.3

注) 平均値はパワー平均値である。

表5.1.2 低周波音現地調査結果

地点：No.2 測定日：2017.8.2～3

測定時間	G特性音圧レベル	1/3オクターブ中心周波数 (Hz)																				
		AP	1	1.25	1.6	2	2.5	3.15	4	5	6.3	8	10	12.5	16	20	25	31.5	40	50	63	80
12～13	56.6	50.7	41.4	41.5	41.5	37.7	34.7	33.9	34.2	34.5	32.9	34.2	33.7	33.4	33.5	34.2	32.2	30.9	28.8	28.4	30.3	35.7
13～14	57.2	51.8	43.6	43.5	44.4	39.7	38.6	38.5	39.1	39.1	36.8	37.2	35.8	33.4	34.7	36.9	34.7	31.6	30.6	29.3	28.0	25.9
14～15	57.6	51.1	41.7	44.8	44.3	39.4	37.8	37.3	38.7	39.5	38.0	38.6	37.5	35.0	33.5	33.2	29.4	25.5	24.7	23.6	22.0	18.4
15～16	52.6	44.3	34.3	37.3	38.2	31.3	29.6	28.4	29.2	29.8	28.6	31.3	33.0	31.7	31.7	31.6	28.1	23.8	23.4	23.5	22.0	18.1
16～17	55.5	47.2	38.3	39.7	41.3	34.8	33.2	33.6	33.9	34.2	31.4	32.9	34.1	32.5	32.0	31.3	27.8	23.9	23.5	23.4	22.7	17.7
17～18	54.0	45.5	34.3	38.5	41.0	32.1	30.5	30.0	30.6	31.8	30.0	31.1	33.1	32.6	31.8	32.3	28.1	24.2	23.4	23.6	22.5	17.9
18～19	54.9	47.2	38.7	40.1	40.4	35.1	33.4	33.0	34.0	34.1	32.5	33.8	33.6	31.9	31.5	32.4	28.9	24.6	22.9	22.2	20.7	16.3
19～20	55.7	49.4	40.9	41.6	42.6	37.4	35.7	36.5	37.0	37.5	36.7	38.2	37.7	34.8	33.4	33.3	30.0	25.1	22.7	21.8	20.0	16.2
20～21	56.3	49.4	39.7	42.4	43.7	38.1	36.8	36.1	35.8	36.5	34.3	35.0	35.6	32.1	32.2	32.7	29.5	25.5	23.6	22.2	22.0	16.2
21～22	57.6	51.5	43.0	44.5	44.8	40.5	39.6	38.3	38.3	38.3	36.2	37.3	35.9	32.6	31.5	32.3	29.0	23.9	22.1	20.9	23.7	16.7
22～23	57.7	47.4	39.2	39.8	41.0	35.2	33.8	33.6	33.2	34.3	32.4	33.7	34.4	31.7	31.8	32.5	29.1	25.4	23.5	22.9	20.1	16.0
23～0	57.0	50.3	42.2	42.8	43.2	39.2	37.2	36.2	35.8	36.4	34.1	34.6	34.4	32.4	31.5	32.3	30.0	26.1	26.3	27.5	27.1	23.5
0～1	54.1	49.0	40.2	42.1	42.4	37.9	36.5	35.4	35.4	35.9	33.9	34.7	33.9	32.5	31.3	31.7	27.6	22.1	19.6	21.4	18.8	15.0
1～2	53.5	45.4	35.6	37.2	39.0	30.2	29.3	28.4	30.4	30.6	29.1	31.0	33.4	32.8	33.0	35.0	33.0	28.5	26.8	25.8	27.8	18.4
2～3	56.2	51.8	43.2	44.5	46.4	40.7	38.7	38.0	37.3	38.4	35.8	37.1	36.0	34.8	33.6	34.2	29.8	23.5	20.4	19.8	17.6	13.9
3～4	54.7	49.7	40.4	42.5	44.3	38.2	37.2	35.6	36.7	36.6	34.1	35.3	35.1	34.8	33.0	33.5	29.1	22.9	19.9	19.2	20.0	15.0
4～5	55.3	50.3	41.4	42.7	44.0	39.5	37.7	36.5	36.4	37.7	35.5	35.0	33.4	31.6	30.9	31.9	29.2	24.8	23.6	24.5	28.1	21.0
5～6	55.8	50.0	41.1	42.3	43.5	37.6	36.3	35.5	35.6	35.8	34.1	34.6	35.0	33.2	33.0	34.1	30.7	27.4	27.1	33.8	28.9	21.4
6～7	54.1	49.2	40.4	41.8	42.5	38.0	36.7	36.5	35.8	36.2	33.9	35.2	35.8	33.8	33.2	34.8	30.0	24.4	23.7	23.0	21.0	17.2
7～8	55.8	50.8	42.0	43.4	44.8	39.8	37.9	37.0	37.0	37.3	34.9	35.6	36.1	34.1	33.8	34.9	31.6	26.4	27.0	24.0	22.4	20.8
8～9	59.1	51.8	45.9	44.3	42.7	36.9	35.0	34.2	34.0	34.8	33.0	34.7	37.0	36.6	34.5	35.4	32.0	29.9	31.2	26.4	27.1	27.0
9～10	53.1	47.1	38.3	40.0	40.6	35.1	33.5	32.7	32.3	32.9	30.8	32.0	34.5	31.7	31.1	31.5	27.1	25.8	30.4	19.5	19.5	20.2
10～11	53.8	48.4	38.8	41.3	42.7	37.1	35.6	35.0	34.3	34.9	32.5	33.8	35.2	31.0	30.2	30.6	27.9	24.2	30.1	21.5	16.6	16.7
11～12	54.1	48.7	39.6	40.6	43.0	37.6	36.2	35.5	35.6	36.6	34.5	36.2	36.3	32.7	31.3	32.0	29.8	21.5	27.3	18.9	15.9	14.9
平均	55.8	49.5	41.0	42.1	43.0	37.8	36.2	35.5	35.7	36.2	34.2	35.2	35.2	33.3	32.6	33.4	30.2	26.4	26.4	25.4	24.6	24.0
昼間	55.9	49.5	41.0	42.1	42.7	37.6	36.0	35.5	35.7	36.2	34.3	35.4	35.5	33.4	32.7	33.4	30.3	26.7	27.2	24.2	24.0	25.3
夜間	55.7	49.6	40.9	42.2	43.4	38.1	36.5	35.5	35.5	36.2	34.0	34.8	34.5	33.1	32.4	33.3	30.1	25.6	24.3	27.1	25.6	19.3

注) 平均値はパワー平均値である。

地点：現有施設 測定日：2017.7.4～5

G特性音圧 レベル	1/3オクターブ中心周波数 (Hz)																			
	1	1.25	1.6	2	2.5	3.15	4	5	6.3	8	10	12.5	16	20	25	31.5	40	50	63	80
69.5	54.6	49.2	54.7	52	52.1	50.4	49.8	51.1	52.3	50.4	50.9	52.1	58.2	55.5	56.4	54.6	56.7	58.7	57.1	56.8

