

歷季噪音監測結果比較表

單位：dB(A)

測站 時間	福德祠(台 27 線)				敏感點(德和社區)				東側民宅(屏 23 線)			
	L _{eq} 早	L _{eq} 日	L _{eq} 晚	L _{eq} 夜	L _{eq} 早	L _{eq} 日	L _{eq} 晚	L _{eq} 夜	L _{eq} 早	L _{eq} 日	L _{eq} 晚	L _{eq} 夜
92/08/28*	63.8	68.4	65.1	61.9	61.4	62.5	52.2	54.5	—	—	—	—
92/09/26*	61.2	64.7	59.3	55.3	60.8	63.9	52.0	55.0	—	—	—	—
93Q2	72.4	73.1	71.2	68.1	67.6	70.5	71.7	63.6	65.2	68.5	65.7	56.6
93Q3	67.8	71.2	69.0	62.6	72.6	73.1	70.4	68.0	68.9	69.1	62.4	63.5
93Q4	72.9	70.9	68.0	66.1	72.8	72.3	66.2	63.5	62.4	63.8	60.4	54.9
94Q1	68.0	67.1	61.3	59.8	69.3	74.7	68.4	60.7	62.5	66.6	60.7	54.5
94Q2	68.2	70.8	69.6	65.5	68.4	72.2	68.6	63.0	64.0	66.4	61.4	57.4
94Q3	71.2	70.2	67.7	65.5	58.0	57.5	54.9	51.8	69.2	67.4	62.9	61.1
94Q4	71.3	73.6	72.3	66.4	64.7	73.1	70.9	62.6	67.4	69.2	65.1	58.5
95Q1	66.9	70.0	68.9	62.1	68.4	67.4	60.7	55.1	61.5	64.8	60.1	55.4
95Q2	68.2	69.5	68.6	62.8	62.2	66.3	62.3	56.4	59.2	62.3	60.5	51.2
95Q3	65.3	69.3	69.0	62.4	62.0	62.7	56.4	51.2	63.6	66.1	63.8	59.5
95Q4	64.6	68.0	66.6	60.2	62.9	66.2	64.3	56.0	63.8	66.8	64.6	58.0
96Q1	67.2	67.6	64.7	60.6	64.5	66.5	59.3	56.3	65.1	65.0	59.8	56.1
96Q2	61.3	62.7	63.2	61.1	63.2	64.9	60.4	54.7	61.7	64.4	62.2	56.6
96Q3	67.3	71.5	68.9	61.3	56.9	63.6	61.4	56.0	60.2	64.5	60.5	57.7
96Q4	68.8	70.3	61.3	60.9	61.9	65.9	63.4	59.6	61.1	63.0	58.2	52.9
97Q1	68.3	69.3	67.6	63.4	64.9	67.2	64.2	59.6	62.4	63.4	59.7	54.4
97Q2	69.4	71.0	69.3	66.0	63.8	67.9	63.6	59.5	60.7	63.3	59.0	54.3
97Q3	67.0	65.7	65.8	60.9	55.9	59.9	59.4	54.8	65.0	65.4	58.5	53.2
97Q4	66.9	70.9	69.8	64.5	58.9	61.2	58.7	53.9	63.8	64.9	60.1	55.0
98Q1	66.9	71.7	68.7	63.0	60.9	66.8	64.9	60.3	60.6	65.0	60.4	56.5
98Q2	67.2	69.9	65.9	60.3	64.4	68.3	66.4	60.6	63.2	66.8	59.1	55.4
98Q3	65.2	67.1	65.5	61.0	66.0	67.1	63.9	60.6	63.5	67.2	60.5	57.3
98Q4	65.0	68.0	67.0	62.5	65.4	67.9	64.7	59.9	63.3	65.8	59.8	52.6
99Q1	-	71.3	68.2	67.8	-	67.8	65.9	61.9	-	64.9	60.8	59.5
99Q2	-	69.7	69.0	64.2	-	67.5	65.4	60.9	-	64.3	52.4	44.9
99Q3	-	72.1	69.8	66.1	-	67.0	51.9	49.6	-	66.3	62.7	59.9
99Q4	-	68.0	63.5	58.8	-	66.9	65.0	57.1	-	59.1	56.4	51.7
100Q1	-	73.7	71.4	66.6	-	69.1	66.4	61.6	-	72.1	69.2	64.6
100Q2	-	73.3	71.9	66.0	-	66.0	57.6	58.0	-	67.5	64.3	59.1
100Q3	-	72.1	70.4	66.0	-	68.0	64.8	63.8	-	62.4	67.1	66.1
100Q4	-	69.3	67.5	64.4	-	67.5	65.0	60.3	-	72.9	69.4	65.0
101Q1	-	71.4	67.7	61.8	-	65.0	61.5	55.7	-	73.7	71.0	67.4
101Q2	-	70.4	69.4	66.3	-	61.5	52.1	55.4	-	68.1	61.7	60.1
101Q3	-	73.1	71.5	67.6	-	71.9	69.7	65.2	-	65.8	60.5	57.8
101Q4	-	69.9	69.6	66.9	-	62.7	60.4	60.3	-	72.2	69.0	66.8
102Q1	-	71.8	70.4	66.6	-	65.3	62.5	57.0	-	72.0	65.6	65.0
102Q2	-	70.2	69.5	65.4	-	66.4	60.9	57.0	-	73.3	69.4	66.6
102Q3	-	70.2	69.9	66.0	-	67.5	61.9	55.3	-	71.8	69.1	64.6
102Q4	-	70.3	69.6	65.3	-	65.3	58.5	53.0	-	71.6	60.2	64.8
103Q1	-	71.7	69.5	66.3	-	61.7	59.7	51.5	-	65.4	65.1	59.6
103Q2	-	66.1	65.2	58.9	-	71.0	68.6	65.1	-	63.6	63.6	59.6
103Q3	-	71.2	65.3	65.2	-	63.7	61.7	53.3	-	71.2	67.7	65.4
103Q4	-	71.0	68.7	63.1	-	61.4	57.5	50.7	-	71.8	69.0	64.8
104Q1	-	69.3	68.7	66.6	-	66.5	60.0	57.7	-	68.9	67.5	64.8
104Q2	-	71.1	69.7	65.6	-	72.2	68.9	64.9	-	63.8	61.5	57.6
104Q3	-	69.8	67.5	61.9	-	63.2	55.8	54.8	-	71.9	68.4	64.6
104Q4	-	70.8	69.6	65.9	-	62.4	55.4	54.8	-	70.8	68.3	63.3
105Q1	-	69.7	69.3	66.3	-	71.4	54.9	51.2	-	69.7	67.5	63.1
105Q2	-	70.1	69.3	64.1	-	63.6	56.2	54.0	-	71.8	68.3	63.6
105Q3	-	68.4	69.5	65.1	-	58.4	55.3	52.8	-	69.9	69.6	64.8
105Q4	-	69.9	69.1	65.7	-	61.6	55.3	54.4	-	69.9	69.1	63.3

歷季噪音監測結果比較表(續)

單位：dB(A)

測站 時間	福德祠(台 27 線)				敏感點(德和社區)				東側民宅(屏 23 線)			
	L _{eq} 早	L _{eq} 日	L _{eq} 晚	L _{eq} 夜	L _{eq} 早	L _{eq} 日	L _{eq} 晚	L _{eq} 夜	L _{eq} 早	L _{eq} 日	L _{eq} 晚	L _{eq} 夜
106Q1	-	72.6	68.5	65.8	-	62.5	54.4	61.7	-	69.3	66.8	63.1
106Q2	-	70.5	69.7	66.3	-	58.9	54.9	52.3	-	70.8	67.9	64.2
106Q3	-	71.6	69.3	66.1	-	64.5	58.9	57.6	-	70.7	68.0	64.0
106Q4	-	71.1	69.7	66.1	-	61.8	57.5	55.8	-	71.2	67.8	64.3
107Q1	-	73.8	70.2	66.0	-	63.7	55.3	51.3	-	73.1	72.1	68.2
107Q2	-	72.1	70.9	66.4	-	65.9	59.3	53.5	-	73.0	71.4	67.3
107Q3	-	71.7	70.1	67.1	-	67.2	57.4	53.4	-	72.5	69.0	66.0
107Q4	-	71.2	69.9	65.1	-	69.1	62.0	55.2	-	73.8	69.8	65.9
108Q1	-	71.6	69.4	64.8	-	60.2	55.0	58.1	-	49.3	54.1	51.0
108Q2	-	67.5	68.7	64.1	-	59.7	57.0	57.2	-	70.0	69.8	64.4
108Q3	-	69.6	68.9	65.7	-	59	55.6	58.0	-	70.2	67.6	64.8
108Q4	-	72.6	69.5	65.7	-	65.6	55.6	57.1	-	71.3	68.0	63.3
109Q1	-	72.5	69.9	66.4	-	64.7	56.5	56.5	-	71.2	67.9	64.3
109Q2	-	71.2	68.8	66.7	-	65.3	55	55.5	-	69.6	67.8	63.7
109Q3	-	68.5	69.0	65.6	-	62.0	55.9	55.8	-	67.8	66.8	62.2
109Q4	-	68.9	68.5	66.9	-	60.3	55.5	62.4	-	69.8	68.3	65.0
110Q1	-	68.9	68.6	66.8	-	61.3	56.2	56.2	-	71.0	67.2	64.3
110Q2	-	69.3	68.2	66.3	-	59.7	56.6	54.2	-	69.5	67.9	63.2
110Q3	-	70.7	69.7	66.0	-	62.3	56.6	58.3	-	64.9	62.6	58.8
110Q4	-	69.5	68.9	65.3	-	60.9	57.3	54.4	-	69.4	67.6	63.1
111Q1	-	70.6	68.5	63.9	-	62.3	59.0	53.5	-	69.2	66.5	62.5
環境音量標準	70	74	70	67	70	74	70	67	70	74	70	67

註:1.採用行政院環保署 99 年 1 月 21 日公告:「道路交通第二類管制區內緊鄰 8 公尺以上之道路管制標準」。

2."*"表「農業生物科技園區開發計畫環境影響說明書(定稿本)」階段之背景值。

3."-"表示無此測值，灰底表超出環境音量標準。

歷季振動監測結果比較表

單位：dB

測站 時間	福德祠(台 27 線)		敏感點(德和社區)		東側民宅(屏 23 線)	
	L _{V10} 日	L _{V10} 夜	L _{V10} 日	L _{V10} 夜	L _{V10} 日	L _{V10} 夜
92/08/28*	42.7	45.9	30.0	30.0	—	—
92/09/26*	35.8	34.0	30.0	30.0	—	—
93Q2	33.0	30.2	33.7	31.0	31.2	30.7
93Q3	33.6	30.3	44.2	34.1	33.1	32.4
93Q4	40.1	30.0	36.7	31.6	32.7	30.1
94Q1	33.7	30.0	35.6	30.1	35.0	31.2
94Q2	35.5	30.3	38.2	32.0	37.3	33.6
94Q3	34.1	30.4	41.6	36.9	36.0	31.5
94Q4	35.7	30.2	44.5	37.9	34.8	30.0
95Q1	31.6	30.0	36.4	32.2	42.6	36.4
95Q2	30.7	30.0	31.2	30.0	34.2	31.1
95Q3	32.2	30.0	41.0	32.3	44.6	45.6
95Q4	30.7	30.0	36.9	31.1	40.1	40.8
96Q1	31.2	30.0	36.0	31.8	35.7	30.9
96Q2	31.0	30.0	38.7	31.7	35.4	31.2
96Q3	34.2	30.5	37.8	31.6	32.9	30.0
96Q4	31.4	30.0	35.9	31.5	32.3	30.2
97Q1	31.0	30.0	36.9	30.9	32.0	30.0
97Q2	30.3	30.0	37.4	32.6	31.5	30.1
97Q3	37.2	30.6	30.2	30.0	42.9	31.1
97Q4	33.1	30.3	39.7	36.5	30.1	30.0
98Q1	31.2	30.3	31.3	31.5	33.3	30.0
98Q2	30.0	30.0	32.9	30.9	31.4	30.2
98Q3	39.0	32.4	35.0	30.3	33.9	30.0
98Q4	32.8	30.0	33.9	30.2	35.2	32.0
99Q1	30.6	30.2	33.9	30.5	31.5	30.0
99Q2	33.0	30.8	35.1	30.8	36.0	30.1
99Q3	34.9	31.0	35.5	30.8	33.9	33.5
99Q4	42.5	40.9	36.7	30.8	36.5	31.4
100Q1	37.7	32.4	37.7	30.6	46.8	44.0
100Q2	35.5	37.3	33.7	31.2	34.3	30.0
100Q3	36.5	31.0	43.6	30.3	39.6	34.4
100Q4	32.8	31.3	36.0	31.2	37.7	30.7
101Q1	33.1	30.0	32.8	30.0	37.0	31.1
101Q2	33.0	30.1	36.1	41.3	37.4	30.5
101Q3	34.0	30.1	34.4	30.0	32.0	30.0
101Q4	30.0	30.2	30.2	30.0	39.9	41.7
102Q1	32.9	30.0	31.6	30.9	32.2	30.0
102Q2	33.8	30.5	33.8	30.0	34.2	30.1
102Q3	31.1	42.2	32.2	30.0	34.5	37.3
102Q4	33.5	30.0	30.0	30.0	37.2	35.0
103Q1	31.2	34.5	30.0	30.0	32.5	30.0
103Q2	32.6	30.0	31.7	30.0	32.8	30.0
103Q3	34.1	30.1	31.2	30.0	33.6	30.1
103Q4	30.2	30.0	30.0	30.0	31.6	30.0
104Q1	31.6	30.2	30.0	30.0	33.9	30.5
104Q2	33.7	30.0	35.4	30.5	30.0	30.0
104Q3	34.5	30.2	31.5	30.0	33.2	30.0
104Q4	36.8	30.6	30.0	30.0	31.0	30.0
105Q1	32.9	31.4	30.0	30.0	45.4	44.3
105Q2	34.7	30.8	30.0	30.0	34.0	30.1
105Q3	33.9	32.3	30.0	30.0	30.0	30.0
105Q4	30.0	30.0	30.0	30.0	30.4	30.0

歷季振動監測結果比較表(續)

單位：dB

測站 時間	福德祠(台 27 線)		敏感點(德和社區)		東側民宅(屏 23 線)	
	L _{V10} 日	L _{V10} 夜	L _{V10} 日	L _{V10} 夜	L _{V10} 日	L _{V10} 夜
106Q1	33.9	31.4	30.0	30.0	32.5	31.6
106Q2	32.9	30.4	34.2	30	32.8	30
106Q3	35.2	31.7	30.0	33.5	31.1	30.1
106Q4	32.3	30.0	30.0	30.0	30.5	30.0
107Q1	58.8	42.3	57.8	46.1	30.0	30.0
107Q2	30.6	30.0	45.9	37.0	37.0	30.2
107Q3	30.3	30.0	30.0	30.0	35.1	30.0
107Q4	30.0	30.0	30.7	30.0	36.1	30.0
108Q1	31.3	31.0	32.6	31.1	31.2	30.0
108Q2	30.0	30.0	30.0	30.0	43.3	41.7
108Q3	30.1	30.0	30.3	30.0	32.7	30.0
108Q4	33.5	30.1	33.1	33.8	32.1	30.0
109Q1	32.6	30.1	30.0	30.0	33.3	33.4
109Q2	31.7	30.1	31.8	33.8	30.0	30.0
109Q3	30.8	30.0	30.0	30.0	30.0	30.0
109Q4	36.2	44.1	30.0	30.0	30.0	30.0
110Q1	31.1	33.1	36.1	41.7	31.6	30.0
110Q2	30.3	30.0	30.0	30.0	30.0	30.0
110Q3	30.1	30.0	30.0	30.0	40.9	54.5
110Q4	30.1	30.0	30.6	30.0	30.0	30.0
111Q1	37.6	38.1	30.0	30.0	30.0	30.0
參考之法規標準	65	60	65	60	65	60

註:1.我國目前尚無振動管制標準，故參考「日本振動規制法施行細則」第一種區域基準值。

2.”*”表「農業生物科技園區開發計畫環境影響說明書(定稿本)」階段之背景值。

3.”-“表無此測值。