

Table 13.2.1 compares the results of the acoustic model with the results of the environmental sound survey. As the model uses methods within CRTN to calculate sound levels across the Application Site, only survey locations situated next to the existing highways have been used for calibration purposes. Calibration within ± 3 dB is generally considered acceptable by the industry.

Table 13.2.1: Model Calibration

Location	Daytime $L_{Aeq, 16 \text{ hr}}$ dB (07:00 – 23:00)			Night-time $L_{Aeq, 8 \text{ hr}}$ dB (23:00 – 07:00)		
	Measured	Modelled	Difference	Measured	Modelled	Difference
LT 1	54	55	1	48	48	0
LT 2	65	65	0	57	57	0
LT 3	65	65	0	57	57	0