

## Appendix 4.1 Prevailing Background Noise Measurement Data

ID	Measurement location	Measurement Start Time	Measurement End Time	Average Measured Noise Level $L_{90(1-hr)}$ , dB(A)			Corresponding NSR ID	Peak Marine Traffic Hour	Prevailing Noise Level during Peak Marine Traffic Hour, $L_{eq(1-hr)}$ , dB(A)
				0700-1900	1900-2300	2300-0700			
				Daytime	Evening time	Night time			
MPT	Ma Pui Tsuen	2024/06/23 00:00	2024/06/25 00:00	56	52	51	E-MPT	08:00	64
OLV	On Luen Village	2024/06/23 00:00	2024/06/25 00:00	50	51	50	E-OLV	17:00	54
HFC	Hang Fa Chuen	2024/06/30 00:00	2024/07/04 00:00	56	54	53	P-PR1 to P-PR5	16:00	61
OS	Ocean Shores	2024/07/07 00:00	2024/07/09 00:00	52	51	48	E-OS	17:00	56
YWS	Yan Wing Street, Yau Tong	2024/07/07 00:00	2024/07/09 00:00	66	58	53	N/A	N/A	N/A

Remarks [1] Free field measurement was conducted

[2] Façade correction of +3 dB(A) has been adopted


[3] Prevailing noise measurement was conducted with reference to Technical Memoranda under Noise Control Ordinance

[4] To simulate the future conditions at TKO 137, background noise measurement was conducted at Yau Tong, where are located in the same type of area "Area other than those above" with prevailing background dominated by road traffic, for determination of comparable background noise at the new development area.

Noise climate of future TKO 137 will be dominated by planned local roads and industrial development, such as Tseung Kwan O InnoPark. As both planned roads at TKO 137 and Ko Chiu Road are classified as Local Distributor Road and located next to industrial development, the prevailing background noise measured near Ko Chiu Road is considered representative to that of future TKO 137 area facing north and east. For future TKO 137 area facing south and west, the future noise environment would be dominated by marine traffic noise, similar to that of the existing Heng Fa Chuen. Hence, noise measured at Heng Fa Chuen would be representative for the future TKO 137 area facing south and west.

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## Prevailing Noise Measurement Location Photos

<p>Ma Pui Tsuen</p>  A photograph showing a measurement station on a wooden pier or walkway overlooking a body of water. A person is visible in the distance on the pier. The background features a large mountain and a cloudy sky.	<p>On Luen Village</p>  A photograph of a measurement station on a hillside. A green metal railing is in the foreground, and the background shows a view of a bay with buildings and hills under a blue sky with scattered clouds.
<p>Ocean Shores</p>  A photograph of a measurement station on a paved walkway. The area is lined with pink and white plastic barriers. In the background, there are lush green trees and a residential building complex.	<p>Heng Fa Chuen</p>  A photograph of a measurement station on a paved promenade. A black lamppost with a white globe is in the foreground. The background shows a view of a bay with buildings and hills under a blue sky with scattered clouds.
<p>Yau Tong</p>  A photograph of a measurement station on a sidewalk. A building under construction is visible on the left, covered in green safety netting. A person is walking on the sidewalk, and a bus is visible in the distance.	