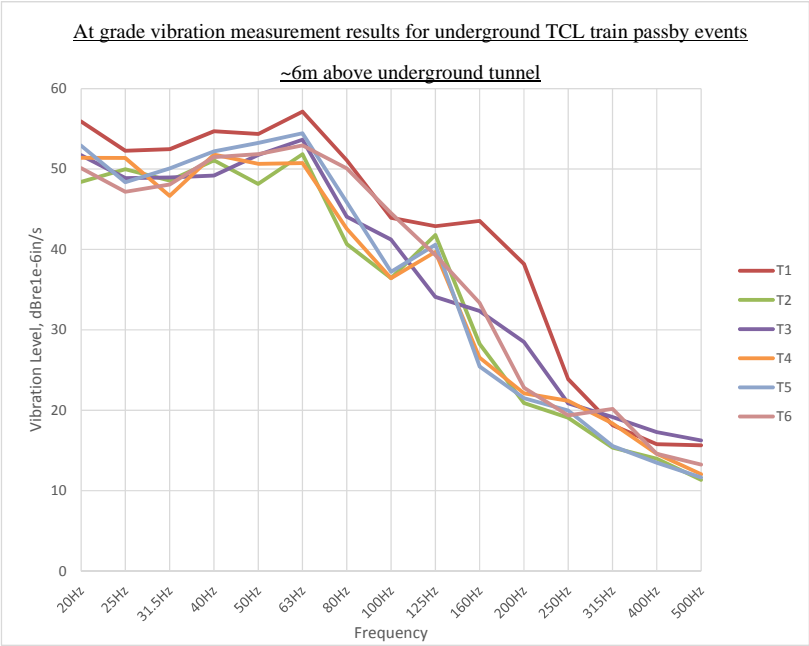


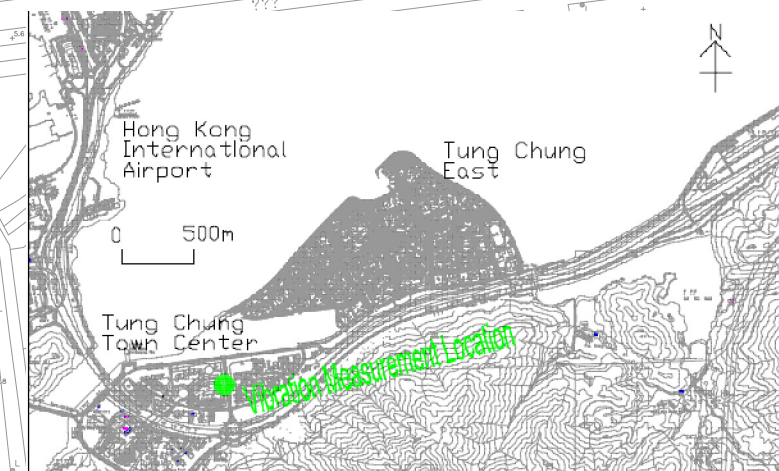
At grade vibration measurement results for underground TCL train passby events

The vibration level for normal TCL train operation is measured at grade above the MTRCL TCL railway tunnel in Tung Chung Town Center. The measurement location is shown in the location plan in this appendix and the vibration level measurement results are summarized below.

Train Event	Vibration Level, 1/3 Octave, dB _{ref=6in/s}														
	20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500
T1	56	52	52	55	54	57	51	44	43	44	38	24	18	16	16
T2	48	50	49	51	48	52	41	36	42	28	21	19	15	14	11
T3	52	49	49	49	52	54	44	41	34	32	29	21	19	17	16
T4	51	51	47	52	51	51	43	36	40	27	22	21	18	15	12
T5	53	48	50	52	53	54	46	37	41	25	22	20	16	13	12
T6	50	47	48	51	52	53	50	45	39	33	23	19	20	15	13
Maximum	56	52	52	55	54	57	51	45	43	44	38	24	20	17	16



Vibration Source Term Measurement Location: Tung Chung Town Center



Measurement location:
Directly above MTR TCL
underground tunnel

Tung Chung Town Center

MTR TCL Underground Tunnel

0

100m