

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Tilte: Predicted Sound Pressure Level for the District Cooling System (KTN B1-7 and PC A2-12)

Predicted SPL at NSRs at Various Floor Levels - KTN B1-3

NSR	AP	Floor	Floor Level, mpd	DCS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Vent, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
KTN B1-3	R3017	1	18	75	8	-26	49	81	125	-50	31	3	3	55
		2	21	75	9	-27	48	81	125	-50	31	3	3	55

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Predicted SPL at NSRs at Various Floor Levels - KTN A1-2

NSR	AP	Floor	Floor Level, mpd	DCS, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Vent, dB(A)	Slant Distance, m	Distance Correction, dB(A)	Noise Level, dB(A)	Tonality, dB(A)	Facade, dB(A)	Predicted SPL, dB(A)
KTN A1-2	R2504	1	26	75	140	-51	24	81	265	-56	24	3	3	33
		2	28	75	140	-51	24	81	265	-56	24	3	3	33
		3	31	75	140	-51	24	81	265	-56	24	3	3	33
		4	34	75	140	-51	24	81	265	-56	24	3	3	33
		5	36	75	140	-51	24	81	265	-56	24	3	3	33
		6	39	75	141	-51	24	81	265	-56	24	3	3	33
		7	42	75	141	-51	24	81	265	-56	24	3	3	33
		8	44	75	141	-51	24	81	266	-56	24	3	3	33
		9	47	75	142	-51	24	81	266	-56	24	3	3	33
		10	50	75	142	-51	24	81	266	-57	24	3	3	33
		11	53	75	143	-51	24	81	266	-57	24	3	3	33
		12	55	75	143	-51	24	81	267	-57	24	3	3	33
		13	58	75	144	-51	24	81	267	-57	24	3	3	33
		14	61	75	144	-51	24	81	267	-57	24	3	3	33
		15	63	75	145	-51	24	81	268	-57	24	3	3	33
		16	66	75	146	-51	24	81	268	-57	24	3	3	33
		17	69	75	147	-51	24	81	268	-57	24	3	3	33
		18	71	75	147	-51	24	81	269	-57	24	3	3	33
		19	74	75	148	-51	24	81	269	-57	24	3	3	33
		20	77	75	149	-51	24	81	270	-57	24	3	3	33
		21	80	75	150	-52	24	81	270	-57	24	3	3	33
		22	82	75	151	-52	23	81	271	-57	24	3	3	33
		23	85	75	152	-52	23	81	272	-57	24	3	3	33
		24	88	75	153	-52	23	81	272	-57	24	3	3	33
		25	90	75	154	-52	23	81	273	-57	24	3	3	33
		26	93	75	155	-52	23	81	273	-57	24	3	3	33
		27	96	75	157	-52	23	81	274	-57	24	3	3	33
		28	98	75	158	-52	23	81	275	-57	24	3	3	33
		29	101	75	159	-52	23	81	276	-57	24	3	3	33
		30	104	75	160	-52	23	81	276	-57	24	3	3	32
		31	107	75	162	-52	23	81	277	-57	24	3	3	32
		32	109	75	163	-52	23	81	278	-57	24	3	3	32
		33	112	75	165	-52	23	81	279	-57	24	3	3	32
		34	115	75	166	-52	23	81	280	-57	24	3	3	32
		35	117	75	167	-52	23	81	280	-57	24	3	3	32

