

Viveash Close Addendum: Primary Overheating Results

Results from the other simulation scenarios can be made available upon request.

DSY1, 2020s, high emissions, 50% percentile scenario				
Room Name	Living rooms/kitchens and bedrooms TM52 Criterion 1	Pass/Fail	Bedrooms Comfort during the sleeping hours criterion	Pass/Fail
Level 2A_Flat A01 bed1	1.1	Pass	22	Pass
Level 2A_Flat A01 bed2	0.8	Pass	22	Pass
Level 2A_Flat A02 bed1	0.6	Pass	22	Pass
Level 2A_Flat A02 bed2	0.6	Pass	20	Pass
Level 2A_Flat A02 bed3	0.4	Pass	20	Pass
Level 2A_Flat A03 bed1	0.4	Pass	19	Pass
Level 2A_Flat A04 bed1	1.1	Pass	22	Pass
Level 2A_Flat A04 bed2	1.4	Pass	23	Pass
Level 2A_Flat A04 bed3	1.4	Pass	21	Pass
Level 2B_Flat B01 bed1	0.1	Pass	18	Pass
Level 2B_Flat B01 bed2	0.4	Pass	18	Pass
Level 2B_Flat B01 bed3	0.3	Pass	20	Pass
Level 2B_Flat B02 bed1	0.5	Pass	17	Pass
Level 2B_Flat B02 bed2	0.4	Pass	19	Pass
Level 2B_Flat B02 bed3	0.4	Pass	21	Pass
Level 2B_Flat B03 bed1	0.5	Pass	20	Pass
Level 2B_Flat B03 bed2	0.6	Pass	22	Pass
Level 2B_Flat B03 bed3	0.5	Pass	19	Pass
Level 2B_Flat B04 bed1	0.6	Pass	21	Pass
Level 3A_Flat A05 bed 1	0.9	Pass	17	Pass
Level 3A_Flat A06 bed 2	0.5	Pass	15	Pass
Level 3A_Flat A06 bed 3	0.3	Pass	16	Pass

Level 3A_Flat A06 bed1	0.4	Pass	23	Pass
Level 3A_Flat A07 bed1	0.4	Pass	15	Pass
Level 3A_Flat A08 bed1	0.3	Pass	15	Pass
Level 3A_Flat A08 bed2	0.4	Pass	15	Pass
Level 3A_Flat A09 bed1	0.7	Pass	16	Pass
Level 3A_Flat A09 bed2	0.8	Pass	17	Pass
Level 3B_Flat B05 bed1	0.2	Pass	13	Pass
Level 3B_Flat B05 bed1	0	Pass	14	Pass
Level 3B_Flat B06 bed1	0.5	Pass	15	Pass
Level 3B_Flat B06 bed2	0.5	Pass	15	Pass
Level 3B_Flat B06 bed3	0.4	Pass	27	Pass
Level 3B_Flat B07 bed1	0.4	Pass	16	Pass
Level 3B_Flat B08 bed1	0.5	Pass	16	Pass
Level 3B_Flat B08 bed2	0.5	Pass	22	Pass
Level 3B_Flat B08 bed3	0.5	Pass	16	Pass
Level 3B_Flat B09 bed1	0.4	Pass	16	Pass
Level 3B_Flat B09 bed2	0.6	Pass	16	Pass
Level 3B_Flat B09 bed3	0.4	Pass	18	Pass
Level 4B_Flat B10 bed1	0.1	Pass	13	Pass
Level 4B_Flat B10 bed2	0	Pass	13	Pass
Level 4B_Flat B11 bed1	0.5	Pass	15	Pass
Level 4B_Flat B11 bed2	0.5	Pass	15	Pass
Level 4B_Flat B11 bed3	0.4	Pass	28	Pass
Level 4B_Flat B12 bed1	0.3	Pass	15	Pass
Level 4B_Flat B13 bed1	0.5	Pass	16	Pass
Level 4B_Flat B13 bed2	0.5	Pass	22	Pass
Level 4B_Flat B13 bed3	0.5	Pass	16	Pass
Level 4B_Flat B14 bed1	0.4	Pass	16	Pass

Level 4B_Flat B14 bed2	0.4	Pass	16	Pass
Level 4B_Flat B14 bed3	0.4	Pass	17	Pass
Level 4B_Flat B25 bed1	1	Pass	14	Pass
Level 4B_Flat B25 bed2	0.4	Pass	16	Pass
Level 7B_Flat B26 bed1	0.5	Pass	17	Pass
Level 7B_Flat B26 bed2	0.6	Pass	16	Pass
Level 7B_Flat B26 bed3	0.5	Pass	29	Pass
Level 7B_Flat B27 bed1	0.5	Pass	16	Pass
Level 7B_Flat B28 bed1	0.5	Pass	16	Pass
Level 7B_Flat B28 bed2	0.5	Pass	22	Pass
Level 7B_Flat B28 bed3	0.6	Pass	16	Pass
Level 7B_Flat B29 bed1	1.1	Pass	16	Pass
Level 7B_Flat B29 bed2	1.1	Pass	16	Pass
Level 7B_Flat B29 bed3	0.6	Pass	18	Pass
Level 9A_Flat A35 bed 1	0.9	Pass	17	Pass
Level 9A_Flat A36 bed1	0.5	Pass	15	Pass
Level 9A_Flat A36 bed2	0.5	Pass	16	Pass
Level 9A_Flat A37 bed1	0.5	Pass	16	Pass
Level 9A_Flat A38 bed1	0.5	Pass	16	Pass
Level 9A_Flat A38 bed2	0.5	Pass	16	Pass
Level 9A_Flat A39 bed 1	1.2	Pass	18	Pass
Level 9A_Flat A39 bed 2	1	Pass	18	Pass
Level 2A_Flat A01 living room	1.4	Pass	-	-
Level 2A_Flat A02 living room	1	Pass	-	-
Level 2A_Flat A03 living room	0.6	Pass	-	-
Level 2A_Flat A04 living room	2	Pass	-	-
Level 2B_Flat B01 living room	0.6	Pass	-	-
Level 2B_Flat B02 living room	0.7	Pass	-	-

Level 2B_Flat B03 living room	0.9	Pass	-	-
Level 2B_Flat B04 living room	0.8	Pass	-	-
Level 3A_Flat A05 living room	1.5	Pass	-	-
Level 3A_Flat A06 living room	2.1	Pass	-	-
Level 3A_Flat A07 living room	0.8	Pass	-	-
Level 3A_Flat A08 living room	0.6	Pass	-	-
Level 3A_Flat A09 living room	1	Pass	-	-
Level 3B_Flat B05 living room	0.7	Pass	-	-
Level 3B_Flat B06 living room	0.9	Pass	-	-
Level 3B_Flat B07 living room	0.8	Pass	-	-
Level 3B_Flat B08 living room	0.7	Pass	-	-
Level 3B_Flat B09 living room	0.7	Pass	-	-
Level 4B_Flat B10 living room	0.7	Pass	-	-
Level 4B_Flat B11 living room	0.8	Pass	-	-
Level 4B_Flat B12 living room	0.8	Pass	-	-
Level 4B_Flat B13 living room	0.7	Pass	-	-
Level 4B_Flat B14 living room	0.8	Pass	-	-
Level 4B_Flat B25 living room	1.4	Pass	-	-
Level 7B_Flat B26 living room	1.8	Pass	-	-
Level 7B_Flat B27 living room	1	Pass	-	-
Level 7B_Flat B28 living room	0.9	Pass	-	-
Level 7B_Flat B29 living room	0.9	Pass	-	-
Level 9A_Flat A35 living room	1.5	Pass	-	-
Level 9A_Flat A36 living room	1.7	Pass	-	-
Level 9A_Flat A37 living room	1	Pass	-	-
Level 9A_Flat A38 living room	0.7	Pass	-	-
Level 9A_Flat A39 living room	1.1	Pass	-	-

DSY2, 2020s, high emissions, 50% percentile scenario				
Room Name	Living rooms/kitchens and bedrooms TM52 Criterion 1	Pass/Fail	Bedrooms Comfort during the sleeping hours criterion	Pass/Fail
Level 2A_Flat A01 bed1	1.5	Pass	27	Pass
Level 2A_Flat A01 bed2	1.3	Pass	25	Pass
Level 2A_Flat A02 bed1	1.5	Pass	30	Pass
Level 2A_Flat A02 bed2	1.5	Pass	24	Pass
Level 2A_Flat A02 bed3	1.1	Pass	26	Pass
Level 2A_Flat A03 bed1	1	Pass	24	Pass
Level 2A_Flat A04 bed1	1.5	Pass	29	Pass
Level 2A_Flat A04 bed2	1.8	Pass	33	Fail
Level 2A_Flat A04 bed3	1.9	Pass	28	Pass
Level 2B_Flat B01 bed1	0.7	Pass	24	Pass
Level 2B_Flat B01 bed2	0.9	Pass	23	Pass
Level 2B_Flat B01 bed3	0.8	Pass	31	Pass
Level 2B_Flat B02 bed1	1.2	Pass	25	Pass
Level 2B_Flat B02 bed2	1.1	Pass	25	Pass
Level 2B_Flat B02 bed3	1.1	Pass	30	Pass
Level 2B_Flat B03 bed1	1.3	Pass	26	Pass
Level 2B_Flat B03 bed2	1.5	Pass	32	Pass
Level 2B_Flat B03 bed3	1.4	Pass	25	Pass
Level 2B_Flat B04 bed1	1.2	Pass	24	Pass
Level 3A_Flat A05 bed 1	1.4	Pass	22	Pass
Level 3A_Flat A06 bed 2	1.3	Pass	22	Pass
Level 3A_Flat A06 bed 3	0.9	Pass	27	Pass
Level 3A_Flat A06 bed1	1.2	Pass	32	Pass
Level 3A_Flat A07 bed1	1.2	Pass	23	Pass

Level 3A_Flat A08 bed1	0.9	Pass	21	Pass
Level 3A_Flat A08 bed2	1	Pass	21	Pass
Level 3A_Flat A09 bed1	1.2	Pass	23	Pass
Level 3A_Flat A09 bed2	1.3	Pass	22	Pass
Level 3B_Flat B05 bed1	0.7	Pass	20	Pass
Level 3B_Flat B05 bed1	0.5	Pass	21	Pass
Level 3B_Flat B06 bed1	1.2	Pass	23	Pass
Level 3B_Flat B06 bed2	1.2	Pass	22	Pass
Level 3B_Flat B06 bed3	1.1	Pass	38	Fail
Level 3B_Flat B07 bed1	1.1	Pass	23	Pass
Level 3B_Flat B08 bed1	1.2	Pass	23	Pass
Level 3B_Flat B08 bed2	1.2	Pass	34	Fail
Level 3B_Flat B08 bed3	1.2	Pass	23	Pass
Level 3B_Flat B09 bed1	0.9	Pass	21	Pass
Level 3B_Flat B09 bed2	1.3	Pass	22	Pass
Level 3B_Flat B09 bed3	0.9	Pass	26	Pass
Level 4B_Flat B10 bed1	0.7	Pass	20	Pass
Level 4B_Flat B10 bed2	0.5	Pass	21	Pass
Level 4B_Flat B11 bed1	1.2	Pass	23	Pass
Level 4B_Flat B11 bed2	1.1	Pass	22	Pass
Level 4B_Flat B11 bed3	1.1	Pass	39	Fail
Level 4B_Flat B12 bed1	0.9	Pass	23	Pass
Level 4B_Flat B13 bed1	1.1	Pass	22	Pass
Level 4B_Flat B13 bed2	1.2	Pass	33	Fail
Level 4B_Flat B13 bed3	1.2	Pass	22	Pass
Level 4B_Flat B14 bed1	1.1	Pass	21	Pass
Level 4B_Flat B14 bed2	1.1	Pass	21	Pass
Level 4B_Flat B14 bed3	0.9	Pass	25	Pass

Level 4B_Flat B25 bed1	1.4	Pass	20	Pass
Level 4B_Flat B25 bed2	0.7	Pass	22	Pass
Level 7B_Flat B26 bed1	1.6	Pass	23	Pass
Level 7B_Flat B26 bed2	1.7	Pass	22	Pass
Level 7B_Flat B26 bed3	1.3	Pass	37	Fail
Level 7B_Flat B27 bed1	1.5	Pass	24	Pass
Level 7B_Flat B28 bed1	1.7	Pass	23	Pass
Level 7B_Flat B28 bed2	1.6	Pass	33	Fail
Level 7B_Flat B28 bed3	1.7	Pass	23	Pass
Level 7B_Flat B29 bed1	1.5	Pass	21	Pass
Level 7B_Flat B29 bed2	1.6	Pass	21	Pass
Level 7B_Flat B29 bed3	1.1	Pass	27	Pass
Level 9A_Flat A35 bed 1	1.3	Pass	24	Pass
Level 9A_Flat A36 bed1	1.2	Pass	22	Pass
Level 9A_Flat A36 bed2	1.4	Pass	23	Pass
Level 9A_Flat A37 bed1	1.6	Pass	23	Pass
Level 9A_Flat A38 bed1	1.3	Pass	23	Pass
Level 9A_Flat A38 bed2	1.6	Pass	23	Pass
Level 9A_Flat A39 bed 1	1.6	Pass	25	Pass
Level 9A_Flat A39 bed 2	1.3	Pass	24	Pass
Level 2A_Flat A01 living room	2.5	Pass	-	-
Level 2A_Flat A02 living room	2.6	Pass	-	-
Level 2A_Flat A03 living room	2	Pass	-	-
Level 2A_Flat A04 living room	2.7	Pass	-	-
Level 2B_Flat B01 living room	1.7	Pass	-	-
Level 2B_Flat B02 living room	2.2	Pass	-	-
Level 2B_Flat B03 living room	2.5	Pass	-	-
Level 2B_Flat B04 living room	1.8	Pass	-	-

Level 3A_Flat A05 living room	2.5	Pass	-	-
Level 3A_Flat A06 living room	3.1	Fail	-	-
Level 3A_Flat A07 living room	2.4	Pass	-	-
Level 3A_Flat A08 living room	1.7	Pass	-	-
Level 3A_Flat A09 living room	1.8	Pass	-	-
Level 3B_Flat B05 living room	1.9	Pass	-	-
Level 3B_Flat B06 living room	2.2	Pass	-	-
Level 3B_Flat B07 living room	2.5	Pass	-	-
Level 3B_Flat B08 living room	2.3	Pass	-	-
Level 3B_Flat B09 living room	1.8	Pass	-	-
Level 4B_Flat B10 living room	1.9	Pass	-	-
Level 4B_Flat B11 living room	2.2	Pass	-	-
Level 4B_Flat B12 living room	2.5	Pass	-	-
Level 4B_Flat B13 living room	2.3	Pass	-	-
Level 4B_Flat B14 living room	1.9	Pass	-	-
Level 4B_Flat B25 living room	2.4	Pass	-	-
Level 7B_Flat B26 living room	2.9	Pass	-	-
Level 7B_Flat B27 living room	3	Pass	-	-
Level 7B_Flat B28 living room	2.6	Pass	-	-
Level 7B_Flat B29 living room	1.9	Pass	-	-
Level 9A_Flat A35 living room	2.2	Pass	-	-
Level 9A_Flat A36 living room	3.1	Fail	-	-
Level 9A_Flat A37 living room	2.8	Pass	-	-
Level 9A_Flat A38 living room	2.4	Pass	-	-
Level 9A_Flat A39 living room	1.9	Pass	-	-

DSY3, 2020s, high emissions, 50% percentile scenario

Room Name	Living rooms/kitchens and bedrooms TM52 Criterion 1	Pass/Fail	Bedrooms Comfort during the sleeping hours criterion	Pass/Fail
Level 2A_Flat A01 bed1	2.3	Pass	43	Fail
Level 2A_Flat A01 bed2	2.1	Pass	41	Fail
Level 2A_Flat A02 bed1	2.1	Pass	45	Fail
Level 2A_Flat A02 bed2	2	Pass	40	Fail
Level 2A_Flat A02 bed3	1.6	Pass	40	Fail
Level 2A_Flat A03 bed1	1.2	Pass	40	Fail
Level 2A_Flat A04 bed1	2.3	Pass	44	Fail
Level 2A_Flat A04 bed2	2.9	Pass	47	Fail
Level 2A_Flat A04 bed3	3	Pass	42	Fail
Level 2B_Flat B01 bed1	0.9	Pass	42	Fail
Level 2B_Flat B01 bed2	1.1	Pass	39	Fail
Level 2B_Flat B01 bed3	1	Pass	44	Fail
Level 2B_Flat B02 bed1	1.5	Pass	39	Fail
Level 2B_Flat B02 bed2	1.4	Pass	39	Fail
Level 2B_Flat B02 bed3	1.4	Pass	44	Fail
Level 2B_Flat B03 bed1	1.5	Pass	40	Fail
Level 2B_Flat B03 bed2	1.9	Pass	42	Fail
Level 2B_Flat B03 bed3	1.9	Pass	40	Fail
Level 2B_Flat B04 bed1	1.7	Pass	41	Fail
Level 3A_Flat A05 bed 1	2.3	Pass	39	Fail
Level 3A_Flat A06 bed 2	1.7	Pass	34	Fail
Level 3A_Flat A06 bed 3	1.2	Pass	37	Fail
Level 3A_Flat A06 bed1	1.6	Pass	54	Fail

Level 3A_Flat A07 bed1	1.5	Pass	36	Fail
Level 3A_Flat A08 bed1	1.1	Pass	36	Fail
Level 3A_Flat A08 bed2	1.3	Pass	36	Fail
Level 3A_Flat A09 bed1	2.1	Pass	39	Fail
Level 3A_Flat A09 bed2	2.2	Pass	40	Fail
Level 3B_Flat B05 bed1	1	Pass	30	Pass
Level 3B_Flat B05 bed1	0.6	Pass	34	Fail
Level 3B_Flat B06 bed1	1.5	Pass	37	Fail
Level 3B_Flat B06 bed2	1.5	Pass	36	Fail
Level 3B_Flat B06 bed3	1.4	Pass	61	Fail
Level 3B_Flat B07 bed1	1.3	Pass	36	Fail
Level 3B_Flat B08 bed1	1.4	Pass	39	Fail
Level 3B_Flat B08 bed2	1.4	Pass	43	Fail
Level 3B_Flat B08 bed3	1.6	Pass	39	Fail
Level 3B_Flat B09 bed1	1.3	Pass	37	Fail
Level 3B_Flat B09 bed2	1.9	Pass	37	Fail
Level 3B_Flat B09 bed3	1.4	Pass	42	Fail
Level 4B_Flat B10 bed1	0.9	Pass	30	Pass
Level 4B_Flat B10 bed2	0.6	Pass	33	Fail
Level 4B_Flat B11 bed1	1.5	Pass	37	Fail
Level 4B_Flat B11 bed2	1.5	Pass	37	Fail
Level 4B_Flat B11 bed3	1.5	Pass	62	Fail
Level 4B_Flat B12 bed1	1.1	Pass	36	Fail
Level 4B_Flat B13 bed1	1.3	Pass	38	Fail
Level 4B_Flat B13 bed2	1.4	Pass	42	Fail
Level 4B_Flat B13 bed3	1.6	Pass	39	Fail
Level 4B_Flat B14 bed1	1.6	Pass	36	Fail
Level 4B_Flat B14 bed2	1.7	Pass	36	Fail

Level 4B_Flat B14 bed3	1.5	Pass	41	Fail
Level 4B_Flat B25 bed1	2.3	Pass	34	Fail
Level 4B_Flat B25 bed2	1.4	Pass	37	Fail
Level 7B_Flat B26 bed1	2	Pass	38	Fail
Level 7B_Flat B26 bed2	2.1	Pass	35	Fail
Level 7B_Flat B26 bed3	1.8	Pass	63	Fail
Level 7B_Flat B27 bed1	1.7	Pass	39	Fail
Level 7B_Flat B28 bed1	2	Pass	39	Fail
Level 7B_Flat B28 bed2	1.9	Pass	43	Fail
Level 7B_Flat B28 bed3	2.1	Pass	39	Fail
Level 7B_Flat B29 bed1	2.3	Pass	39	Fail
Level 7B_Flat B29 bed2	2.4	Pass	39	Fail
Level 7B_Flat B29 bed3	1.9	Pass	42	Fail
Level 9A_Flat A35 bed 1	2.3	Pass	40	Fail
Level 9A_Flat A36 bed1	1.5	Pass	34	Fail
Level 9A_Flat A36 bed2	1.8	Pass	37	Fail
Level 9A_Flat A37 bed1	2	Pass	38	Fail
Level 9A_Flat A38 bed1	1.5	Pass	39	Fail
Level 9A_Flat A38 bed2	2	Pass	38	Fail
Level 9A_Flat A39 bed 1	2.5	Pass	41	Fail
Level 9A_Flat A39 bed 2	2.5	Pass	40	Fail
Level 2A_Flat A01 living room	3.9	Fail	-	-
Level 2A_Flat A02 living room	3.2	Fail	-	-
Level 2A_Flat A03 living room	2.1	Pass	-	-
Level 2A_Flat A04 living room	4.4	Fail	-	-
Level 2B_Flat B01 living room	2.1	Pass	-	-
Level 2B_Flat B02 living room	2.9	Pass	-	-
Level 2B_Flat B03 living room	3.4	Fail	-	-

Level 2B_Flat B04 living room	2.1	Pass	-	-
Level 3A_Flat A05 living room	4.1	Fail	-	-
Level 3A_Flat A06 living room	4.3	Fail	-	-
Level 3A_Flat A07 living room	3.2	Fail	-	-
Level 3A_Flat A08 living room	1.9	Pass	-	-
Level 3A_Flat A09 living room	2.6	Pass	-	-
Level 3B_Flat B05 living room	2.6	Pass	-	-
Level 3B_Flat B06 living room	3.2	Fail	-	-
Level 3B_Flat B07 living room	3.3	Fail	-	-
Level 3B_Flat B08 living room	2.6	Pass	-	-
Level 3B_Flat B09 living room	2.3	Pass	-	-
Level 4B_Flat B10 living room	2.5	Pass	-	-
Level 4B_Flat B11 living room	3	Pass	-	-
Level 4B_Flat B12 living room	3.2	Fail	-	-
Level 4B_Flat B13 living room	2.8	Pass	-	-
Level 4B_Flat B14 living room	2.4	Pass	-	-
Level 4B_Flat B25 living room	3.9	Fail	-	-
Level 7B_Flat B26 living room	4.1	Fail	-	-
Level 7B_Flat B27 living room	3.8	Fail	-	-
Level 7B_Flat B28 living room	3.4	Fail	-	-
Level 7B_Flat B29 living room	2.6	Pass	-	-
Level 9A_Flat A35 living room	4	Fail	-	-
Level 9A_Flat A36 living room	4.1	Fail	-	-
Level 9A_Flat A37 living room	3.5	Fail	-	-
Level 9A_Flat A38 living room	2.5	Pass	-	-
Level 9A_Flat A39 living room	2.9	Pass	-	-