highways england

Smart Motorways Programme

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M56 Junction 6 to 8

Environmental Assessment Report

Appendix E

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Notice

This document and its contents have been prepared and are intended solely for Highways England's information and use in relation to the Smart Motorways Programme.

Appendix E – Noise and vibration

E.1. Regulatory/policy framework

General

Section 5(2) of the Infrastructure Act 2015 and the Highways England Licence seek to minimise the environmental impacts of projects, protect and enhance the quality of the surrounding environment and conform to the principles of sustainable development.

In line with this, the Department for Transport Road Investment Strategy 2015-2020 aspires to the target that by 2040 over 90% fewer people are impacted by noise from the strategic road network. The target for the first Road Period 2015-2020, is to mitigate at least 1,150 Noise Important Areas (NIA) expecting to reduce the number of people severely affected by noise from the strategic road network by at least 250,000.

The legislation and policies considered in undertaking this noise assessment are detailed in Table E.1 and E.2 for construction and operation respectively.

Table E-1 Regulatory and policy framework for construction noise and vibration

Regulation/policy	Summary of requirements	Proposed Scheme response
NPSE NPPF Planning Practice Guidance - Noise to NPPF (PPGN) National Policy Statement for National Networks (NPSNN)	Within the context of Government policy in sustainable development: i. Avoid significant adverse effects as a result of the scheme. ii. Mitigate and minimise adverse effects as a result of the scheme. iii. Contribute to the enhancement of the acoustic environment.	Assessment of the effects of the Proposed Scheme and comparison with the aims in noise policy.
Control of Pollution Act 1974 (as amended)	Section 60 – Control of noise on construction sites. Section 61 – Prior consent for work on construction sites. Section 71 – Codes of practice for minimising noise. Section 72 – Best practicable means.	Section 60 or 61 to be defined by the contractor at a later stage. Section 71 and 72 see The Control of Noise (Code of Practice for Construction and Open Sites) (England) Order 2015 below.
Environmental Protection Act 1990 (as amended)	Section 79 (1) (g) noise that is prejudicial to health or a nuisance and is emitted from or caused by a vehicle, machinery or equipment in a street is a statutory nuisance; (NB if so should be inspected by the local authority) Section 79 (9) interpretation of "best practicable means"	It may apply to some construction activities; however, we do not envisage its application to the Proposed Scheme at this stage.
The Control of Noise (Code of Practice for Construction and Open Sites) (England) Order 2015	Approves BS 5228:2009+A1:2014 Part 1 Noise and Part 2 Vibration for the purpose of giving guidance on appropriate methods for minimising noise and vibration	Significance of effect for construction noise and vibration assessed against the criteria in BS 5228-1 and BS 5228-2. Mitigation measures referred to BS 5228-1 and BS 5228-2.
Noise Insulation Regulations 1975 (as amended)	Regulation 5 provides relevant authorities with discretionary powers to undertake or make a grant in respect of the cost of undertaking noise insulation work in or to eligible buildings with respect to construction noise. This is subject to meeting certain criteria given in the Regulation.	Consideration of criteria for noise insulation from BS 5228-1 Annex E.

E.2. List of figures

Construction Noise and Vibration

Figure 8.1 Noise Constraints. Sheets 1 to 6

Figure 8.5 Diversion Route

Operational noise

Figure 8.2 Short Term Noise Change With The Proposed Scheme (DS Opening Year Vs DM Opening Year). Sheets 1 to 4.

Figure 8.3 Long Term Noise Change Without The Proposed Scheme (DM Opening Year Vs DM Future Year). Sheets 1 to 4.

Figure 8.4 Long Term Noise Change With The Proposed Scheme (DM Opening Year Vs DM Future Year). Sheets 1 to 4.

E.3. Basic noise levels in order to define the operational noise calculation area

To assist the definition of the operational noise study area, and since the Proposed Scheme does not include significant alterations to the existing road layout, the basic noise level (BNL) was compared between the future scenarios with (Do Something, DS) and without the Proposed Scheme (Do Minimum, DM). The BNL is the calculated noise level at reference distance of 10m from the nearside carriageway edge based on the traffic flow, speed and composition (assuming the road is flat and zero surfacing correction in this case).

Table E-3 shows that the Proposed Scheme is predicted to have a negligible noise effect on most sections of the M56, although there are some sections which show a perceptible increase in noise of 3 to 4dB, principally as a result of higher traffic speeds in 2035 with the Proposed Scheme compared against 2035 without the scheme. One section shows an increase in noise of 3 to 4dB, principally as a result of lower traffic speeds in 2035 with the Proposed Scheme (DS 2035) compared against 2035 without the Proposed Scheme (DM 2035).

Table E-3 Comparison of the basic noise level between the DM and DS scenarios future year

Carriageway	Approx Chainage	BNL DM 2035 (dB $L_{A10,18h}$)	BNL DS 2035 (dB $L_{A10,18h}$)	Difference (dB)
M56 Eastbound	3700-4450	79.4	79.5	0.1
M56 Eastbound	4450-4700	77.5	81.2	3.7
M56 Eastbound	4700-5050	82.5	79.4	-3.1
M56 Eastbound	5050-9125	79.2	82.7	3.5
M56 Eastbound	9125-9675	81.9	82.2	0.3
M56 Eastbound	9675-9700	79.2	79.3	0.1
M56 Westbound	3700-4550	79.0	79.2	0.2
M56 Westbound	4550-4750	76.8	77.0	0.2
M56 Westbound	4750-5800	78.6	78.8	0.2
M56 Westbound	5800-9075	82.0	82.3	0.3
M56 Westbound	9075-9275	78.6	82.3	3.7
M56 Westbound	9275-9600	78.0	81.7	3.7
M56 Westbound	9600-9700	78.7	78.8	0.1

E.4. Baseline Conditions

Table E-4 summarises the existing noise barrier. Further details will be determined by full inspection at DF4.

Table E4 Condition of Existing Barriers

Barrier ID	M56 Direction	Approximate Location Description	Approx. Chainage	Estimated height (height data origin)	Primary Material	Surface	Condition	Representative Residential Receptor
Existing 1	Westbound	North of J6	9+550 to 9+750 (AEDS)	Approx. 2m to 3m (AEDS)	Not identified	Not identified	Not identified	Properties on Hasty Lane

Noise barrier 1 has not been included in the modelling as there is uncertainty about its height, length, location, material, surface finish and condition.

E.5. Noise calculation assumptions

Construction noise calculations

The construction noise levels used for this assessment were predicted in accordance with BS 5228-1 Annex F. Table E-5 details the typical construction road activities and machinery used in the construction noise calculations. The assessment uses hard ground for distances less than 25m and soft ground for distances of at least 25m. To convert the hourly construction noise levels to the assessment periods (7am to 7pm for daytime and 11pm to 7am for night-time), it was considered that a typical daytime shift will last for 10 hours over the 12 hour assessment period, whereas a night-time shift will last for 6 hours over the 8 hour assessment period. Percentage on-times are based on data used across a number of previous similar assessments.

Table E-5 Typical construction road activities and machinery used in the construction noise model

Phase	Activity	Equipment	Activity Noise Level dB L_{Aeq} at 10m	Source BS5228-1	Number	Worst case on-time, % per hour
Central reserve phase RCB/lane 4 a. closure of existing lane 3 b. 50mph lanes including hard shoulder running c. construction of RCB at night	Removal of existing structures and installation of RCB	Dozer	82	C.5-13	1	20
		Wheeled excavator	73	C.5-11	1	20
		Hand-held circular saw (petrol)	87	C.5-36	1	5
		Wheeled loader	79	C.2-26	1	20
Resurfacing works all lanes resurfacing at night. Note 1: Does not include for installation of barriers. Note 2: MIDAS loop installation assumed to be included.	Removal of existing surface	Road planer	82	C.5-7	2	60
		Wheeled excavator	73	C.5-11	4	20
		Hand-held circular saw (petrol)	87	C.5-36	2	15
		Lorry	80	C.2-34	4	10
	Laying new surface	Road roller	80	C.5-19	2	10
		Vibratory compacter	82	C.5-29	1	10
		Asphalt paver (+ tipper lorry)	75	C.5-33	2	60
Verge phase Vegetation clearance Stripping out of noise barrier Demolitions Gantry Foundations ERA Construction	Demolition and clearance (undertaken at night or with full weekend closures)	Petrol driven chain saw (sawing timber)	86	D.2-14	1	10
		Tracked excavator	80	C.5-18	4	50
		Lorry	80	C.2-34	4	10
		Wheeled excavator	73	C.5-11	4	20

Phase	Activity	Equipment	Activity Noise Level dB L_{Aeq} at 10m	Source BS5228-1	Number	Worst case on-time, % per hour
	Gantry installation (assume 4-6 week period where noise barriers may need removal to permit foundation construction) (unless a good environmental reason exists, percussive piling is the cheapest and preferred method for any structure above 1.8m)	Concrete mixer truck + truck mounted concrete pump + boom arm	78	C.4-32	2	10
		Hydraulic hammer rig	89	C.3-1	1	10
		Wheeled mobile crane	70	C.3-30	2	50
		Gas cutter (cutting top of pile)	68	C.3-34	1	20
		Lorry	80	C.2-34	2	20
	ERA construction (assume 12-15 week period without noise barrier) (assume 15m distance per night for piling) (150m ERA would require 2-3 weeks of piling activity)	Hydraulic hammer rig	89	C.3-1	1	20
		Gas cutter (cutting top of pile)	68	C.3-34	1	20
		Dozer	77	C.5-12	1	20
		Lorry	80	C.2-34	2	10
		Road roller	80	C.5-19	2	10
		Vibratory compacter	82	C.5-29	1	10
		Asphalt paver (+ tipper lorry)	75	C.5-33	2	60
Drainage works	Drainage works	Tracked excavator	80	C.5-18	2	50
		Wheeled mobile crane	70	C.3-30	1	50
Road Marking Works	Road marking works	Lorry	80	C.2-34	2	20
Signage works	Signage works	Hydraulic hammer rig	89	C.3-1	1	10
		Wheeled mobile crane	70	C.3-30	1	50
		Gas cutter (cutting top of pile)	68	C.3-34	1	20
		Lorry	80	C.2-34	2	20
Compound	Site clearance	Dozer	75	C.2-1	2	30

Phase	Activity	Equipment	Activity Noise Level dB L_{Aeq} at 10m	Source BS5228-1	Number	Worst case on-time, % per hour
(assumed to be daytime)		Tracked excavator	77	C.2-2	2	30
		Wheeled loader	79	C.2-26	4	30
		Articulated dump truck (tipping fill)	74	C.2-32	2	30
	Compound construction	Tracked crusher	84	C.1-15	2	40
		Dozer	81	C.2-12	2	40
		Vibratory roller	74	C.2-39	1	40
		Lorry	80	C.2-34	1	50

Construction vibration calculations

The assessment in this report assumes the use of percussive piling. The vibration levels have been estimated from formulae for percussive piling in Table E.1 of BS 5228 Part 2 using a nominal hammer energy of 60kJ, a scaling factor, kp = 1.5 and a pile toe depth of zero.

Operational road traffic noise calculations

The operational noise levels used in this chapter were predicted in accordance with the Calculation of Road Traffic (CRTN) 1988 together with updated advice in DMRB HD 213/11 Annex 4 (November 2011). Table E-6 summarises the data and assumptions used in the noise model.

Table E-6: Data and assumptions for operational road traffic noise modelling

Parameter	CRTN paragraph	Source
Calculation method	n/a	CRTN 1988 and additional advice from DMRB HD 213/11 Annex 4. Night-time noise calculation based on TRL Method 3.
Calculation engine	n/a	NoiseMap 5 software
Roads layout	11 and 12	DM scenario: • OS Mastermap 2015 (licenced to Highways England). • 5m Digital Terrain Model (licenced to Highways England). • LiDAR survey for the M56 corridor. DS scenarios: • 3D file scheme design 08 November 16. • General Arrangement Drawings 13 December 2016
Traffic data	13 and 14	Traffic model data by ARUP as set out in spreadsheets: • "AQ Noise Assessment Traffic Data DM_DSM6M62M56M60_2020_280617" • "AQ Noise Assessment Traffic Data DM_DSM6M62M56M60_2035_280617". • "AQ Noise Assessment Traffic Data DM_DSM56_2020_280617" • "AQ Noise Assessment Traffic Data DM_DSM56_2035_280617". Data included: AAWT,18h; %HGVs and IAN 185/15 speed band. AAWT,night; %HGVs and IAN 185/15 speed band.

Parameter	CRTN paragraph	Source
		Note: HGVs include all HDVs ≥ 3.5t gross vehicle mass in line with DMRB HD 213/11 Annex 4. For the following scenarios: • DM opening year 2020. • DM future year 2035. • DS opening year 2020. • DS future year 2035. The assessment is based on the traffic data from the "DM DSM6M62M56M60" spreadsheets.
Pavement	CRTN Para 16 and DMRB HD213/11 Annex 4	Non-motorway roads: • Impervious, bituminous 1.8mm. Motorways (DM and DS opening year assessments): • -2.5dB correction for existing low-noise surface; • -3.5dB correction for proposed low-noise surface; • -0.2dB correction for existing HRA (1.8mm bitumen) Motorways within the Proposed Scheme (DS and DM future year assessments): • -3.5dB correction; Where the average traffic speed is below 75km/hr a correction of -1dB is used for all road surfaces. On the motorways the correction is assessed for each individual lane, it is assumed that lanes 1 and 4 of the motorway would be resurfaced with a low noise surface as part of the Proposed Scheme. Lanes 2 and 3 would be retained with the current surface. Where a section of motorway has mixed surfacing in different lanes, the following equation has been used to calculate a single surface correction to be used in the operational noise modelling. $RSI = 10log_{10}\left\{\frac{\sum_{i=1}^{nl} 10^{\frac{-i/2+RSI_i}{10}}}{\sum_{i=1}^{nl} 10^{(-i/2)/10}}\right\}$ where nl is the number of lanes and RSI_i is the RSI in the i^{th} lane (the nearside running lane of the carriageway being i = 1). This equation is based on one presented at the Institute of Acoustics' meeting "Sound Transport Studies" in 2017. Assessment limited by process and assumptions described in the DMRB.
Ground model	15, 18, 19, 21	For the area outside the Proposed Scheme boundaries: • OS Terrain 5 (5m digital terrain model). For the area within the boundaries of the Proposed Scheme: • Scheme LiDAR survey data.
Ground cover	20	Intervening ground between any road and a receiver is acoustically 'soft' as the majority of the Proposed Scheme corridor passes through rural areas.
Buildings (and other receptors)	24	Buildings are modelled at a height of 6m (although it is acknowledged that this does not represent all different types of building, it was not considered proportionate to the potential effects of the Proposed Scheme to go into further detail). The positions of the buildings were obtained from: • OS Mastermap (Highways England Geostore). Noise sensitive receptors have been identified from based on their land classification. • OS Addressbase data (Highways England Geostore).

Parameter	CRTN paragraph	Source
		Residential receptors were modelled at 1.5m and 4m height above local ground level in front of the most exposed façade to the Proposed Scheme. Non-façade receptors were modelled at a height of 1.5m above local ground level.
Existing environmental barrier	22	Details obtained from 'Advanced Environmental Desk Study and associated plans.' Inspection from on-line street view indicates uncertainty on length and height of the barrier, and this has not been included in the noise model. It is assumed that works will not affect the existing barrier.

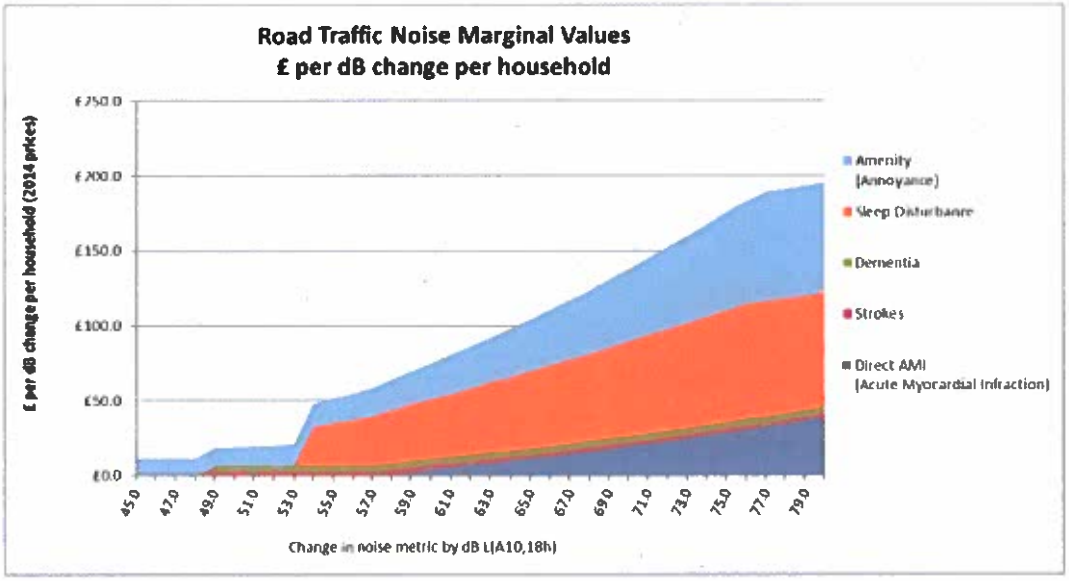
E.6. Analysis of noise mitigation, rectification and enhancement measures

Background

The valuation of benefits has used the economic methodology to value noise described in the report Environmental Noise: Valuing impact on: sleep disturbance, annoyance, hypertension, productivity and quiet by Defra (November 2014). The report values the impacts of noise on both health and amenity. The valuation for effects on amenity is divided between annoyance and sleep disturbance. The valuation for effects on health is divided between direct acute myocardial infarctions (AMI), stroke and dementia.

For the Smart Motorways programme, the benefit of a decrease in noise levels in relation to annoyance, AMI, stroke and dementia is calculated from the predicted daytime noise levels in $L_{A10,18h}$ free-field. The benefit of a decrease in noise levels in relation to sleep disturbance is calculated from the predicted night-time noise levels in $L_{night,outside}$ free-field. The benefit does not account for the economic effects on productivity and the value of quiet areas, since the Defra report considers that further evidence is necessary in these two fields. However, the importance of tranquil open space is recognised as providing health benefits to local residents.

The graph below shows the road traffic noise marginal value in £ per dB change per household in 2014 prices in relation to $L_{A10,18h}$ noise levels considering an average of 2.3 persons per household (this section used $L_{night,outside}$ to value sleep disturbance, and therefore, unlike the figure below, in some cases the benefit may be higher for sleep disturbance than for amenity). A reduction in noise provides a benefit from the difference between the higher noise levels in the base scenario and the lower noise levels expected in the scenario with the proposed mitigation.



Source: Defra, Transport noise modelling tool (MS Excel Spreadsheet), November 2014.

The valuation of benefits has considered a 60 year appraisal period after scheme opening to be in line with the whole-life cost approach for the costs (see below). In line with the guidance from the Department for Transport in WebTAG, the impacts of the Proposed Scheme were based on the differences in both the opening year (2020) and the future year (2035) between the DS without mitigation and the DS with either the existing, or further mitigation.

The benefits for the years between the opening year and the future year were linearly interpolated from the values for 2020 and 2035. The values for the years after 2035 until the end of the appraisal period were extrapolated considering no variance in noise levels from the 2035 values.

The valuation of costs has also used a whole-life cost approach. The whole-life cost approach considered a 60 year appraisal period after Proposed Scheme opening. In this period, it is considered that a noise barrier will have a 20 year renewal period. During the whole period the barrier will need maintenance. However, the costs do not account for traffic management. The table below provides the whole-life cost values used for this assessment. The values were provided by Highways England.

Table E-7 Indicative whole-life costs of timber barrier in £ per linear metre

Barrier height	Whole-life cost in £ per linear m
Absorptive timber barrier 2m high	£422
Absorptive timber barrier 3m high	£530
Absorptive timber barrier 4m high	£853
Absorptive timber barrier 5m high	£1,175

Source: Highways England

Both the benefits and the costs have been converted to present day values using the methodology in WebTAG Unit A1.1 'Cost-Benefit Analysis'. This conversion accounts for the future inflation and future GDP growth and is adjusted by discounting (i.e. the economic element that considers the preference of having money now rather than in the future).

The cost-benefit analysis of noise barriers only considered residential receptors that experienced a noise reduction of at least 1dB.

Assessment and Design Evolution

Table E-8 sets out the schedule of noise barriers identified at the start of the design process with a log of decisions that have been made in reaching the end of DF3. This has included testing each barrier's 'value for money' following the procedure as set out in EnvTN10[50]. A value for money score of less than one indicates that the barrier does not represent a sustainable solution as per Government's policy on sustainable development. Where it was clear that a barrier would not provide value for money (usually due to a low number or residential properties within 300m), the barrier was discounted and no further analysis was undertaken. Some barriers were also shortened/extended or broken into smaller pieces as an alternative test to establish if that impacted the value for money score. For barriers achieving a value for money score of greater than one, further analysis was undertaken to establish the optimum height and, in some cases, length of the barrier to achieve a balance between value for money and perceivable noise benefits.

Retained/new proposed barriers are highlighted in green. Barriers which have been discounted at previous stages of assessment are highlighted in red.

Table E-8 Noise barrier schedule

Barrier ID	Direction	Start Chainage	End Chainage	Length (m)	Proposed height**	Finish	Noise Important Areas	Justification for removal or retention of barriers throughout the design process
INV	NB	9550	9750	90	-	Reflective	-	Retain
NNB1	NB	8725	9100	350	5m	Reflective	-	Discounted at DF3. Value for money ratio with NNB2 = 0.40 at 5m
NNB2	NB	8400	8725	305	5m	Reflective	-	Discounted at DF3. Value for money ratio with NNB1 = 0.40 at 5m
NNB3	SB	8725	9025	295	5m	Reflective	-	Small number of properties behind barrier. Discounted at DF3. Value for money ratio = 0.01 at 5m height
NNB4	SB	7125	7300	175	3m	Reflective	7214	Small number of properties behind barrier. Discounted at DF3. Value for money ratio = 0.29 at 3m height

Proposed barriers were discounted if the value for money (VFM) ratio was <1 or if there were too few properties within 300m that were benefitting from the barrier. Some barriers were discounted during the scoping stage while others were discounted in DF3. Some barriers were tested at a sample height (normally 3m) to inform a decision to scope out. The barriers that are being retained or proposed as new were assessed in greater detail to determine optimum height and length for the greatest value for money ratio combined with perceivable benefits.

The value for money ratios listed in Table E-9 consider the following:

[50] Smart Motorways Programme – EnvTN10 Cost-benefit analysis of noise barriers. September 2016 (Draft).

1. A comparison against a scenario with no barriers.
2. The cost of the existing barrier includes maintenance and replacement after 40 year life period but not initial installation.
3. The cost of new barriers does not discount the costs of the existing barriers which will not need maintenance anymore for the 60 year appraisal period. They do not account for stripping out the existing barrier either.

All of the noise barriers considered at the scoping stage have been ruled out as not providing VFM, in each case, the VFM ratio is significantly smaller than 1.

Table E-9 Noise barrier analysis

Barrier ID	Length (m)	Height (m)	Existing / New	Benefit, £	Cost, £	VFM Ratio	Number of properties experiencing noise reduction, opening year daytime, LA10, 18hr dB				Number of properties experiencing noise reduction, opening year night-time, LA10, 18hr dB			
							1 to 3 dB	3 to 5 dB	5 to 10 dB	>10 dB	1 to 3 dB	3 to 5 dB	5 to 10 dB	>10 dB
NNB 1&2	655 (combined)	2	New	6,680	285,888	0.02	2	0	0	0	2	0	0	0
		3	New	41,930	359,053	0.12	19	0	0	0	7	0	0	0
		4	New	197,075	577,872	0.34	81	1	0	0	51	0	0	0
		5	New	320,356	796,014	0.40	138	3	0	0	116	2	0	0
NNB3	295	2	New	-	128,759	0.00	0	0	0	0	0	0	0	0
		3	New	-	161,711	0.00	0	0	0	0	0	0	0	0
		4	New	-	260,263	0.00	0	0	0	0	0	0	0	0
		5	New	3,216	358,510	0.01	1	0	0	0	1	0	0	0
NNB4	175	2	New	16,068	76,382	0.21	4	0	0	0	2	0	0	0
		3	New	27,764	95,930	0.29	5	0	0	0	4	0	0	0
		4	New	36,300	154,393	0.24	3	2	0	0	5	0	0	0
		5	New	45,725	212,675	0.21	3	2	0	0	3	2	0	0

E.7. Full Assessment Results

Table E-10 provides the full assessment results at each of the noise sensitive receptors in the assessment. The list of receptors is sorted by street name, and shows the predicted $L_{A10,18hour}$ noise level for the four scenarios, for the years 2020 and 2035 with and without the Proposed Scheme. The opening impact column shows the magnitude of change from Table 8.6 for the change in noise on the opening of the Proposed Scheme. The Proposed Scheme impact column shows the magnitude of change from Table 8.7 for the change in noise from the Proposed Scheme, taking the design period into account – the difference between Noise level 2035 with scheme and Noise level 2020 without scheme. The impact without the Proposed Scheme column shows the magnitude of change from Table 8.7 for the change in noise which would occur by the design year if the scheme were not built.

E.7. Full Assessment Results

Table E-10 provides the full assessment results at each of the noise sensitive receptors in the assessment. The list of receptors is sorted by street name, and shows the predicted $L_{A10,18hour}$ noise level for the four scenarios, for the years 2020 and 2035 with and without the Proposed Scheme. The opening impact column shows the magnitude of change from Table 8.6 for the change in noise on the opening of the Proposed Scheme. The Proposed Scheme impact column shows the magnitude of change from Table 8.7 for the change in noise from the Proposed Scheme, taking the design period into account – the difference between Noise level 2035 with scheme and Noise level 2020 without scheme. The impact without the Proposed Scheme column shows the magnitude of change from Table 8.7 for the change in noise which would occur by the design year if the scheme were not built.

Table E-10 Full Assessment Results

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
6487		55.2	54.8	52.3	53.9	Negligible	Negligible	Negligible
2415		58.5	58.5	57.8	58.2	No Change	Negligible	Negligible
416		56.1	55.8	53.3	54.9	Negligible	Negligible	Negligible
417		57.6	57.2	54.6	56.3	Negligible	Negligible	Minor decrease
360		49.2	48.8	46.2	47.9	Negligible	Negligible	Minor decrease
399		57.7	57.3	54.8	56.4	Negligible	Negligible	Negligible
4567		54.8	54.4	51.7	53.5	Negligible	Negligible	Minor decrease
535		58.7	58.4	55.9	57.5	Negligible	Negligible	Negligible
617		62.3	62.1	59.6	61.2	Negligible	Negligible	Negligible
332		49.9	49.4	48.0	49.0	Negligible	Negligible	Negligible
23016		54.5	53.9	51.2	53.0	Negligible	Negligible	Minor decrease
3744		60.4	60.1	57.4	59.1	Negligible	Negligible	Minor decrease
3206		58.7	58.3	55.7	57.4	Negligible	Negligible	Minor decrease
980		54.2	53.9	51.4	53.0	Negligible	Negligible	Negligible
968		59.9	59.7	57.2	58.8	Negligible	Negligible	Negligible
686		67.2	66.8	64.4	66.0	Negligible	Negligible	Negligible
1028		65.0	64.7	62.2	63.9	Negligible	Negligible	Negligible
283		58.1	57.7	55.1	56.8	Negligible	Negligible	Minor decrease
511		63.4	63.0	60.5	62.2	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
401		60.2	59.8	57.3	59.0	Negligible	Negligible	Negligible
706		62.8	62.6	60.1	61.7	Negligible	Negligible	Negligible
962		62.1	61.9	59.4	61.0	Negligible	Negligible	Negligible
442		56.0	55.7	53.2	54.9	Negligible	Negligible	Negligible
311		50.2	49.5	46.8	48.5	Negligible	Negligible	Minor decrease
280		52.9	52.1	49.4	51.1	Negligible	Negligible	Minor decrease
170		46.5	45.9	43.3	44.9	Negligible	Negligible	Minor decrease
246		53.1	52.6	50.1	51.7	Negligible	Negligible	Minor decrease
590		60.2	60.0	57.4	59.1	Negligible	Negligible	Negligible
611		58.2	58.0	55.4	57.1	Negligible	Negligible	Negligible
345		60.0	59.1	56.4	58.1	Negligible	Negligible	Minor decrease
1154		66.9	65.7	63.4	64.8	Minor decrease	Negligible	Minor decrease
1272		61.2	60.5	58.3	59.6	Negligible	Negligible	Negligible
1395		57.7	57.2	55.3	56.3	Negligible	Negligible	Negligible
1506		60.2	59.6	57.5	58.6	Negligible	Negligible	Negligible
1606		58.2	57.7	55.8	56.8	Negligible	Negligible	Negligible
2126		55.4	54.4	51.9	53.4	Minor decrease	Negligible	Minor decrease
2147		61.7	61.1	59.1	60.1	Negligible	Negligible	Negligible
926		56.8	56.9	55.5	56.5	Negligible	Negligible	Negligible
359		54.4	54.2	53.1	53.7	Negligible	Negligible	Negligible
11715		59.0	58.9	57.6	57.8	Negligible	Negligible	Negligible
11944		54.0	54.0	51.9	52.1	No Change	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
8582		53.5	53.5	51.7	51.7	No Change	Negligible	Negligible
8882		55.0	55.0	52.9	53.1	No Change	Negligible	Negligible
9041		57.8	57.8	55.8	55.9	No Change	Negligible	Negligible
4506		52.3	52.0	50.1	50.7	Negligible	Negligible	Negligible
3978		57.5	57.3	55.7	56.5	Negligible	Negligible	Negligible
2920		56.7	56.3	54.5	55.4	Negligible	Negligible	Negligible
4181		59.2	59.0	57.4	58.1	Negligible	Negligible	Negligible
12164		61.1	60.7	58.8	59.6	Negligible	Negligible	Negligible
4311		54.8	54.5	52.9	53.7	Negligible	Negligible	Negligible
12001		58.0	57.5	55.5	56.5	Negligible	Negligible	Negligible
4454		63.7	63.3	61.4	62.3	Negligible	Negligible	Negligible
12641		54.5	54.1	52.2	53.1	Negligible	Negligible	Negligible
3139		58.4	58.1	56.4	57.2	Negligible	Negligible	Negligible
12789		60.1	59.7	57.9	58.7	Negligible	Negligible	Negligible
11988		63.6	63.3	61.4	62.3	Negligible	Negligible	Negligible
12682		57.6	57.3	55.5	56.3	Negligible	Negligible	Negligible
12951		54.0	53.7	51.8	52.6	Negligible	Negligible	Negligible
12187		60.3	59.9	58.1	58.9	Negligible	Negligible	Negligible
13132		56.4	56.1	54.2	55.1	Negligible	Negligible	Negligible
12761		62.0	61.7	59.9	60.6	Negligible	Negligible	Negligible
13203		57.0	56.7	54.7	55.5	Negligible	Negligible	Negligible
12868		60.4	60.0	58.4	58.9	Negligible	Negligible	Negligible
12459		57.2	56.8	54.9	55.7	Negligible	Negligible	Negligible
13090		61.0	60.6	58.9	59.6	Negligible	Negligible	Negligible
12566		52.8	52.6	50.7	51.3	Negligible	Negligible	Negligible
13178		55.2	55.0	53.3	53.6	Negligible	Negligible	Negligible
5574		58.5	58.2	56.3	57.0	Negligible	Negligible	Negligible
13145		54.5	54.3	52.6	52.9	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
5417		50.7	50.5	48.9	49.5	Negligible	Negligible	Negligible
13150		59.1	58.9	57.1	57.9	Negligible	Negligible	Negligible
7171		53.5	53.2	51.8	52.2	Negligible	Negligible	Negligible
13220		57.1	56.7	55.1	55.8	Negligible	Negligible	Negligible
7348		56.4	56.2	54.7	54.9	Negligible	Negligible	Negligible
13265		64.5	64.2	62.5	63.1	Negligible	Negligible	Negligible
7060		60.8	60.4	58.6	59.4	Negligible	Negligible	Negligible
5518		59.7	59.5	58.0	58.3	Negligible	Negligible	Negligible
5446		54.7	54.6	53.2	53.4	Negligible	Negligible	Negligible
5143		58.5	58.3	56.7	57.1	Negligible	Negligible	Negligible
5345		56.5	56.4	54.8	55.1	Negligible	Negligible	Negligible
5228		55.8	55.6	54.2	54.4	Negligible	Negligible	Negligible
5244		55.9	55.8	54.1	54.5	Negligible	Negligible	Negligible
4864		54.6	53.9	51.7	52.9	Negligible	Negligible	Negligible
3280		54.8	54.3	52.2	53.2	Negligible	Negligible	Negligible
5015		52.9	52.2	49.9	51.2	Negligible	Negligible	Minor decrease
3435		51.9	51.2	48.9	50.2	Negligible	Negligible	Minor decrease
4779		55.7	55.0	52.7	53.9	Negligible	Negligible	Minor decrease
3402		55.8	55.1	52.8	54.0	Negligible	Negligible	Minor decrease
2036		52.3	51.7	49.4	50.6	Negligible	Negligible	Negligible
1753		52.2	51.5	49.1	50.4	Negligible	Negligible	Minor decrease
2589		57.6	56.8	54.5	55.8	Negligible	Negligible	Minor decrease
4640		59.3	58.5	56.3	57.5	Negligible	Negligible	Minor decrease
3355		52.0	51.3	49.0	50.2	Negligible	Negligible	Minor decrease
2770		53.9	53.3	51.1	52.3	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
5043		52.4	51.7	49.1	50.7	Negligible	Negligible	Minor decrease
2704		54.2	53.5	51.3	52.5	Negligible	Negligible	Negligible
4874		51.8	51.1	48.8	50.1	Negligible	Negligible	Minor decrease
4814		56.8	56.2	54.1	55.2	Negligible	Negligible	Negligible
2643		52.8	51.9	49.3	50.9	Negligible	Negligible	Minor decrease
4769		56.9	56.1	53.8	55.0	Negligible	Negligible	Minor decrease
2496		52.6	51.9	49.5	50.8	Negligible	Negligible	Minor decrease
4670		55.1	54.4	52.2	53.4	Negligible	Negligible	Negligible
2454		51.3	50.4	48.0	49.4	Negligible	Negligible	Minor decrease
2050		53.0	52.4	50.3	51.5	Negligible	Negligible	Negligible
2654		56.6	55.7	53.2	54.6	Negligible	Negligible	Minor decrease
1940		53.5	52.9	50.6	51.9	Negligible	Negligible	Negligible
2741		54.1	53.3	50.8	52.2	Negligible	Negligible	Minor decrease
1823		52.9	52.1	49.6	51.1	Negligible	Negligible	Minor decrease
2858		57.0	56.1	53.7	55.1	Negligible	Negligible	Minor decrease
3050		54.6	54.1	51.6	53.2	Negligible	Negligible	Minor decrease
4486		50.4	50.0	47.7	49.0	Negligible	Negligible	Negligible
3043		54.6	54.1	51.8	53.1	Negligible	Negligible	Negligible
4470		57.1	56.4	54.1	55.5	Negligible	Negligible	Minor decrease
4125		55.7	55.1	52.6	54.1	Negligible	Negligible	Minor decrease
4144		55.7	55.1	52.8	54.2	Negligible	Negligible	Negligible
3669		55.8	55.2	52.8	54.3	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
3766		55.5	54.7	52.3	53.7	Negligible	Negligible	Minor decrease
3968		55.8	55.1	52.8	54.2	Negligible	Negligible	Minor decrease
3307		58.8	58.2	55.6	57.1	Negligible	Negligible	Minor decrease
3312		55.8	55.2	52.8	54.2	Negligible	Negligible	Minor decrease
4931		60.8	60.3	57.7	59.3	Negligible	Negligible	Minor decrease
4957		59.1	58.4	56.0	57.4	Negligible	Negligible	Minor decrease
2817		53.8	53.2	50.6	52.2	Negligible	Negligible	Minor decrease
2497		62.8	62.2	59.6	61.1	Negligible	Negligible	Minor decrease
2397		55.0	54.3	51.8	53.2	Negligible	Negligible	Minor decrease
1928		59.5	58.8	56.2	57.7	Negligible	Negligible	Minor decrease
2409		56.8	56.1	53.5	55.0	Negligible	Negligible	Minor decrease
1863		56.4	55.7	53.1	54.6	Negligible	Negligible	Minor decrease
2357		59.3	58.7	56.1	57.6	Negligible	Negligible	Minor decrease
1771		58.4	57.8	55.1	56.7	Negligible	Negligible	Minor decrease
2302		56.0	55.3	52.9	54.3	Negligible	Negligible	Minor decrease
1790		55.1	54.5	51.8	53.4	Negligible	Negligible	Minor decrease
2306		60.6	60.1	57.4	59.0	Negligible	Negligible	Minor decrease
2830		55.9	55.2	52.6	54.2	Negligible	Negligible	Minor decrease
2223		55.3	54.6	52.0	53.6	Negligible	Negligible	Minor decrease
2522		59.0	58.2	55.7	57.2	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
2231		64.8	64.0	61.4	62.9	Negligible	Negligible	Minor decrease
2563		54.4	53.8	51.2	52.7	Negligible	Negligible	Minor decrease
2175		62.3	61.7	59.2	60.7	Negligible	Negligible	Minor decrease
2538		57.8	57.0	54.6	56.0	Negligible	Negligible	Minor decrease
2169		59.0	58.4	55.7	57.2	Negligible	Negligible	Minor decrease
2727		57.8	57.1	54.5	56.0	Negligible	Negligible	Minor decrease
1668		64.2	63.2	60.6	62.2	Minor decrease	Negligible	Minor decrease
1738		60.4	59.6	57.0	58.5	Negligible	Negligible	Minor decrease
2116		55.7	54.9	52.4	53.9	Negligible	Negligible	Minor decrease
4574		54.5	53.8	51.3	52.8	Negligible	Negligible	Minor decrease
1687		63.9	62.9	60.2	61.8	Minor decrease	Negligible	Minor decrease
4701		53.8	53.1	50.7	52.1	Negligible	Negligible	Minor decrease
2139		65.5	64.6	61.9	63.6	Negligible	Negligible	Minor decrease
4978		55.8	55.1	52.6	54.1	Negligible	Negligible	Minor decrease
2094		59.9	58.9	56.1	57.9	Minor decrease	Negligible	Minor decrease
3375		56.1	55.5	53.0	54.4	Negligible	Negligible	Minor decrease
2655		57.7	57.1	54.5	56.0	Negligible	Negligible	Minor decrease
3625		54.2	53.5	51.0	52.5	Negligible	Negligible	Minor decrease
1724		58.1	57.5	54.9	56.4	Negligible	Negligible	Minor decrease
1842		59.8	58.8	56.3	57.8	Minor decrease	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
4608		57.4	56.7	54.3	55.7	Negligible	Negligible	Minor decrease
4738		59.1	58.4	55.9	57.3	Negligible	Negligible	Minor decrease
4999		55.6	55.0	52.4	53.9	Negligible	Negligible	Minor decrease
313		48.9	48.2	45.5	47.2	Negligible	Negligible	Minor decrease
831		61.9	61.4	59.2	60.7	Negligible	Negligible	Negligible
944		53.4	52.9	50.5	52.1	Negligible	Negligible	Negligible
452		55.5	55.0	52.4	54.1	Negligible	Negligible	Minor decrease
450		52.3	51.7	49.2	50.7	Negligible	Negligible	Minor decrease
1050		59.1	58.1	55.6	57.1	Minor decrease	Negligible	Minor decrease
915		51.3	50.9	48.4	50.0	Negligible	Negligible	Negligible
328		48.8	48.0	45.4	47.0	Negligible	Negligible	Minor decrease
294		50.5	50.0	47.5	49.1	Negligible	Negligible	Minor decrease
482		61.1	60.3	57.7	59.4	Negligible	Negligible	Minor decrease
267		61.3	60.3	57.5	59.2	Minor decrease	Negligible	Minor decrease
308		62.6	61.5	58.9	60.5	Minor decrease	Negligible	Minor decrease
257		53.5	52.8	50.2	51.8	Negligible	Negligible	Minor decrease
23128		72.3	71.6	69.3	70.8	Negligible	Negligible	Minor decrease
261		56.3	55.4	52.6	54.3	Negligible	Negligible	Minor decrease
269		58.1	57.4	54.7	56.4	Negligible	Negligible	Minor decrease
863		54.8	54.4	52.0	53.6	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
843		62.0	61.5	59.1	60.8	Negligible	Negligible	Negligible
12802		55.8	55.1	52.9	54.1	Negligible	Negligible	Negligible
12733		51.2	50.8	48.6	49.6	Negligible	Negligible	Negligible
12263		56.1	55.5	53.3	54.4	Negligible	Negligible	Negligible
12126		55.0	54.5	52.1	53.3	Negligible	Negligible	Negligible
12046		51.1	50.5	48.2	49.3	Negligible	Negligible	Negligible
3193		53.4	53.0	51.0	51.9	Negligible	Negligible	Negligible
3111		53.3	53.0	51.0	51.8	Negligible	Negligible	Negligible
4522		56.4	55.9	53.8	54.8	Negligible	Negligible	Negligible
4388		53.3	52.8	50.9	51.8	Negligible	Negligible	Negligible
4285		56.7	56.2	54.1	55.1	Negligible	Negligible	Negligible
12724		52.7	52.3	50.2	51.1	Negligible	Negligible	Negligible
4164		56.6	55.9	53.9	54.9	Negligible	Negligible	Negligible
12212		49.1	48.7	46.4	47.3	Negligible	Negligible	Negligible
3692		55.4	54.8	52.4	53.6	Negligible	Negligible	Minor decrease
12201		53.3	52.7	50.3	51.5	Negligible	Negligible	Minor decrease
3583		56.9	55.9	53.6	54.9	Minor decrease	Negligible	Minor decrease
12018		55.3	54.6	52.2	53.5	Negligible	Negligible	Minor decrease
3293		54.6	54.0	51.9	53.0	Negligible	Negligible	Negligible
3084		56.1	55.5	53.1	54.3	Negligible	Negligible	Minor decrease
4520		51.9	51.2	48.7	50.1	Negligible	Negligible	Minor decrease
4404		55.1	54.7	52.6	53.5	Negligible	Negligible	Negligible
4219		56.1	55.6	53.5	54.5	Negligible	Negligible	Negligible
4051		55.3	54.6	52.1	53.6	Negligible	Negligible	Minor decrease
3739		54.6	54.1	52.0	53.0	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
3642		56.1	55.2	52.6	54.1	Negligible	Negligible	Minor decrease
3319		55.7	55.2	53.1	54.2	Negligible	Negligible	Negligible
4866		55.6	55.1	53.0	54.0	Negligible	Negligible	Negligible
4835		55.3	54.7	52.6	53.7	Negligible	Negligible	Negligible
4833		54.8	54.1	52.0	53.0	Negligible	Negligible	Negligible
4753		55.5	54.9	52.5	53.8	Negligible	Negligible	Minor decrease
1988		52.0	51.3	48.9	50.2	Negligible	Negligible	Minor decrease
2474		54.5	54.0	52.0	53.0	Negligible	Negligible	Negligible
2103		58.0	57.3	55.0	56.2	Negligible	Negligible	Minor decrease
2181		55.0	54.5	52.5	53.5	Negligible	Negligible	Negligible
1500		56.6	55.9	53.7	55.0	Negligible	Negligible	Negligible
1915		54.3	53.6	51.4	52.6	Negligible	Negligible	Negligible
1615		59.3	58.4	56.2	57.5	Negligible	Negligible	Minor decrease
1910		55.3	54.7	52.7	53.8	Negligible	Negligible	Negligible
1555		54.4	53.8	51.4	52.7	Negligible	Negligible	Minor decrease
2588		59.9	59.1	56.9	58.0	Negligible	Negligible	Minor decrease
1429		56.7	56.2	54.1	55.2	Negligible	Negligible	Negligible
2463		53.4	52.9	50.7	51.9	Negligible	Negligible	Negligible
2665		54.9	54.5	52.4	53.4	Negligible	Negligible	Negligible
1367		58.7	58.0	55.9	57.1	Negligible	Negligible	Negligible
2271		60.5	59.5	57.2	58.6	Minor decrease	Negligible	Minor decrease
1293		56.7	56.2	54.2	55.2	Negligible	Negligible	Negligible
1692		61.0	60.0	57.6	59.0	Minor decrease	Negligible	Minor decrease
1622		54.3	53.7	51.4	52.8	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
1519		54.6	54.0	51.6	52.9	Negligible	Negligible	Minor decrease
850		58.4	58.4	58.2	58.4	No Change	No Change	No Change
12073		55.2	54.8	52.6	53.5	Negligible	Negligible	Negligible
3201		54.3	53.9	51.8	52.8	Negligible	Negligible	Negligible
3129		52.7	52.2	50.1	51.1	Negligible	Negligible	Negligible
2999		52.3	51.8	49.5	50.7	Negligible	Negligible	Negligible
3002		52.4	51.8	49.7	50.8	Negligible	Negligible	Negligible
4493		54.5	54.0	52.1	53.1	Negligible	Negligible	Negligible
4275		57.5	57.0	54.9	55.9	Negligible	Negligible	Negligible
549		59.0	58.8	56.3	57.9	Negligible	Negligible	Negligible
552		63.1	62.8	60.3	61.9	Negligible	Negligible	Negligible
362		60.2	59.9	57.4	59.0	Negligible	Negligible	Negligible
671		63.0	62.8	60.3	62.0	Negligible	Negligible	Negligible
744		64.6	64.4	62.0	63.6	Negligible	Negligible	Negligible
1000		58.9	58.5	56.0	57.6	Negligible	Negligible	Negligible
660		60.0	59.7	57.2	58.8	Negligible	Negligible	Negligible
676		63.5	63.3	60.8	62.4	Negligible	Negligible	Negligible
1002		63.1	62.9	60.4	62.1	Negligible	Negligible	Negligible
748		64.7	64.5	62.0	63.7	Negligible	Negligible	Negligible
739		64.6	64.4	62.0	63.6	Negligible	Negligible	Negligible
698		55.6	55.4	52.8	54.5	Negligible	Negligible	Negligible
3893		53.3	52.8	50.7	51.6	Negligible	Negligible	Negligible
4354		56.5	55.8	53.6	54.7	Negligible	Negligible	Negligible
3821		52.5	52.1	50.1	50.9	Negligible	Negligible	Negligible
4339		55.2	54.6	52.5	53.4	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
3835		52.8	52.3	50.2	51.1	Negligible	Negligible	Negligible
4366		56.8	56.1	53.9	55.1	Negligible	Negligible	Negligible
3930		53.0	52.5	50.4	51.3	Negligible	Negligible	Negligible
4359		58.6	57.9	55.8	56.9	Negligible	Negligible	Negligible
3909		50.5	49.9	47.8	48.8	Negligible	Negligible	Negligible
4374		54.4	54.0	51.8	52.8	Negligible	Negligible	Negligible
3937		52.5	52.0	49.9	50.9	Negligible	Negligible	Negligible
4345		55.9	55.4	53.3	54.3	Negligible	Negligible	Negligible
3899		58.6	57.8	55.6	56.8	Negligible	Negligible	Minor decrease
4077		52.2	51.8	49.5	50.6	Negligible	Negligible	Negligible
3808		50.7	50.2	48.0	49.0	Negligible	Negligible	Negligible
4693		53.1	52.4	50.0	51.3	Negligible	Negligible	Minor decrease
4596		57.6	56.6	54.2	55.6	Minor decrease	Negligible	Minor decrease
1965		54.8	54.1	52.1	53.2	Negligible	Negligible	Negligible
2876		53.2	52.6	50.4	51.5	Negligible	Negligible	Negligible
1929		59.1	58.2	56.0	57.2	Negligible	Negligible	Minor decrease
2878		56.9	56.0	53.8	55.0	Negligible	Negligible	Minor decrease
1760		52.7	52.3	50.1	51.2	Negligible	Negligible	Negligible
2345		61.7	60.7	58.3	59.7	Minor decrease	Negligible	Minor decrease
2802		54.7	54.0	51.7	53.0	Negligible	Negligible	Minor decrease
1765		55.1	54.5	52.0	53.4	Negligible	Negligible	Minor decrease
2081		56.3	55.4	52.8	54.3	Negligible	Negligible	Minor decrease
2323		62.2	61.4	58.8	60.3	Negligible	Negligible	Minor decrease
2246		58.7	58.1	55.5	57.0	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
461		54.8	54.5	52.0	53.6	Negligible	Negligible	Negligible
380		55.8	55.5	52.9	54.6	Negligible	Negligible	Negligible
579		57.3	57.0	54.5	56.1	Negligible	Negligible	Negligible
389		59.7	59.4	56.9	58.5	Negligible	Negligible	Negligible
374		54.9	54.6	52.0	53.7	Negligible	Negligible	Negligible
393		53.2	52.9	50.4	52.0	Negligible	Negligible	Negligible
370		59.7	59.4	56.8	58.5	Negligible	Negligible	Negligible
3215		54.0	53.3	50.9	52.2	Negligible	Negligible	Minor decrease
3092		52.6	51.9	49.6	51.0	Negligible	Negligible	Minor decrease
2980		55.7	55.0	52.6	53.9	Negligible	Negligible	Minor decrease
4152		49.8	49.1	46.4	48.0	Negligible	Negligible	Minor decrease
2911		52.2	51.5	49.2	50.4	Negligible	Negligible	Minor decrease
4009		53.2	52.7	50.4	51.6	Negligible	Negligible	Negligible
2989		54.2	53.5	51.1	52.5	Negligible	Negligible	Minor decrease
3903		55.8	55.1	52.7	54.1	Negligible	Negligible	Minor decrease
3773		52.8	52.3	50.1	51.2	Negligible	Negligible	Negligible
3559		53.4	52.9	50.6	51.7	Negligible	Negligible	Negligible
4028		50.1	49.4	47.0	48.4	Negligible	Negligible	Minor decrease
3491		53.0	52.5	50.3	51.4	Negligible	Negligible	Negligible
3859		52.1	51.6	49.4	50.5	Negligible	Negligible	Negligible
3378		52.0	51.6	49.5	50.4	Negligible	Negligible	Negligible
4803		53.8	53.1	50.9	52.0	Negligible	Negligible	Negligible
5006		52.6	52.0	49.4	50.9	Negligible	Negligible	Minor decrease
4718		53.0	52.3	49.7	51.3	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
4583		57.2	56.4	54.1	55.3	Negligible	Negligible	Minor decrease
2566		54.3	53.7	51.6	52.6	Negligible	Negligible	Negligible
4678		53.9	53.2	50.6	52.2	Negligible	Negligible	Minor decrease
2673		57.4	56.6	54.5	55.6	Negligible	Negligible	Negligible
4541		53.6	53.0	50.8	51.9	Negligible	Negligible	Negligible
2448		59.2	58.3	55.9	57.3	Negligible	Negligible	Minor decrease
2373		56.5	55.9	53.6	54.9	Negligible	Negligible	Negligible
2274		59.3	58.5	56.2	57.4	Negligible	Negligible	Minor decrease
2843		55.3	54.6	51.9	53.5	Negligible	Negligible	Minor decrease
2184		56.7	55.9	53.6	54.9	Negligible	Negligible	Minor decrease
1715		54.7	54.1	51.7	53.0	Negligible	Negligible	Minor decrease
2109		54.0	53.2	50.7	52.1	Negligible	Negligible	Minor decrease
2512		53.9	53.3	51.1	52.2	Negligible	Negligible	Negligible
1640		60.2	59.3	57.1	58.3	Negligible	Negligible	Minor decrease
2690		55.1	54.3	51.8	53.2	Negligible	Negligible	Minor decrease
2612		55.9	55.2	52.7	54.2	Negligible	Negligible	Minor decrease
2203		55.4	54.7	52.2	53.7	Negligible	Negligible	Minor decrease
1471		54.3	53.5	50.9	52.4	Negligible	Negligible	Minor decrease
1637		52.9	52.0	49.5	50.9	Negligible	Negligible	Minor decrease
1582		54.1	53.5	51.3	52.5	Negligible	Negligible	Negligible
1526		60.0	59.0	56.4	57.9	Minor decrease	Negligible	Minor decrease
1344		60.1	59.2	56.9	58.2	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
2846		58.7	57.9	55.7	56.8	Negligible	Negligible	Minor decrease
2426		61.7	60.7	58.5	59.8	Minor decrease	Negligible	Minor decrease
1732		57.3	56.7	54.3	55.6	Negligible	Negligible	Minor decrease
2438		52.6	51.7	49.2	50.7	Negligible	Negligible	Minor decrease
1807		57.1	56.3	54.0	55.3	Negligible	Negligible	Minor decrease
2629		53.9	53.2	50.8	52.2	Negligible	Negligible	Minor decrease
1853		53.5	53.3	51.5	52.4	Negligible	Negligible	Negligible
2636		57.0	56.3	54.0	55.2	Negligible	Negligible	Minor decrease
2015		54.6	53.9	51.9	52.9	Negligible	Negligible	Negligible
2714		54.0	53.1	50.8	52.2	Negligible	Negligible	Minor decrease
2066		53.0	52.3	49.9	51.3	Negligible	Negligible	Minor decrease
2780		61.3	60.5	58.4	59.5	Negligible	Negligible	Negligible
4631		54.1	53.4	51.5	52.5	Negligible	Negligible	Negligible
1885		53.8	53.3	51.3	52.3	Negligible	Negligible	Negligible
4667		54.5	53.7	51.6	52.8	Negligible	Negligible	Negligible
2026		53.4	52.5	50.2	51.6	Negligible	Negligible	Minor decrease
4780		58.8	58.2	56.4	57.4	Negligible	Negligible	Negligible
4623		59.9	59.3	57.5	58.5	Negligible	Negligible	Negligible
4897		55.7	55.4	53.7	54.6	Negligible	Negligible	Negligible
4912		54.7	54.3	52.5	53.5	Negligible	Negligible	Negligible
5032		54.1	53.8	52.2	53.0	Negligible	Negligible	Negligible
2895		57.8	57.6	55.7	56.5	Negligible	Negligible	Negligible
3340		54.0	53.7	52.1	52.9	Negligible	Negligible	Negligible
3463		58.2	57.8	55.8	56.8	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
3248		55.0	54.7	52.9	53.8	Negligible	Negligible	Negligible
4042		55.9	55.5	53.5	54.5	Negligible	Negligible	Negligible
3877		53.1	52.6	50.5	51.5	Negligible	Negligible	Negligible
3568		60.1	59.4	57.5	58.4	Negligible	Negligible	Negligible
4210		56.2	55.7	53.6	54.7	Negligible	Negligible	Negligible
3690		55.3	54.6	52.3	53.6	Negligible	Negligible	Minor decrease
2954		54.6	54.2	52.3	53.1	Negligible	Negligible	Negligible
3097		52.1	51.7	49.6	50.4	Negligible	Negligible	Negligible
3850		52.9	52.6	50.5	51.3	Negligible	Negligible	Negligible
12232		52.4	52.1	50.1	50.7	Negligible	Negligible	Negligible
4282		52.8	52.4	50.3	51.1	Negligible	Negligible	Negligible
12935		54.7	54.5	52.6	53.2	Negligible	Negligible	Negligible
2972		54.0	53.6	51.4	52.2	Negligible	Negligible	Negligible
13108		57.4	57.2	55.2	55.9	Negligible	Negligible	Negligible
3017		55.1	54.7	52.5	53.5	Negligible	Negligible	Negligible
13221		55.6	55.3	53.5	54.1	Negligible	Negligible	Negligible
3190		55.7	55.4	53.4	54.3	Negligible	Negligible	Negligible
2955		55.0	54.6	52.4	53.3	Negligible	Negligible	Negligible
12976		54.1	53.9	51.9	52.7	Negligible	Negligible	Negligible
13124		55.1	54.8	52.8	53.6	Negligible	Negligible	Negligible
23192		63.0	63.0	60.9	61.0	No Change	Negligible	Negligible
6950		61.7	61.5	61.2	61.3	Negligible	Negligible	Negligible
6674		61.2	61.0	60.9	61.0	Negligible	Negligible	No Change
6579		55.1	54.9	54.6	54.7	Negligible	Negligible	Negligible
6583		54.2	54.3	52.2	52.5	Negligible	Negligible	Negligible
6193		63.0	62.8	62.0	62.2	Negligible	Negligible	Negligible
7654		60.0	60.0	58.0	58.3	No Change	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
7498		59.8	59.8	58.3	58.5	No Change	Negligible	Negligible
6239		56.6	56.4	56.3	56.4	Negligible	Negligible	No Change
6035		63.7	63.7	63.7	63.6	No Change	Negligible	FALSE
6028		64.0	63.9	64.0	64.0	Negligible	No Change	FALSE
5852		59.8	59.7	59.9	59.9	Negligible	Negligible	Negligible
5773		63.5	63.4	63.3	63.3	Negligible	Negligible	Negligible
5649		57.1	56.8	56.7	56.7	Negligible	Negligible	Negligible
5617		62.7	62.6	62.6	62.4	Negligible	Negligible	Negligible
7549		55.7	55.7	54.1	54.3	No Change	Negligible	Negligible
5251		53.8	53.6	51.7	52.4	Negligible	Negligible	Negligible
12527		59.0	58.6	56.8	57.5	Negligible	Negligible	Negligible
7904		64.9	64.7	64.6	64.6	Negligible	Negligible	Negligible
7756		65.3	65.3	65.2	65.1	No Change	Negligible	Negligible
7528		59.0	58.6	56.8	57.6	Negligible	Negligible	Negligible
7658		61.8	61.7	61.1	61.1	Negligible	Negligible	Negligible
7376		61.1	61.0	60.6	60.6	Negligible	Negligible	Negligible
7257		60.0	59.6	57.9	58.6	Negligible	Negligible	Negligible
7115		58.5	58.3	57.8	57.9	Negligible	Negligible	Negligible
5457		63.4	63.3	63.0	63.0	Negligible	Negligible	Negligible
5587		63.6	63.4	62.5	62.6	Negligible	Negligible	Negligible
12547		60.5	60.3	60.1	60.1	Negligible	Negligible	Negligible
12453		70.7	70.5	70.6	70.6	Negligible	Negligible	Negligible
1467		56.4	55.6	53.1	54.6	Negligible	Negligible	Minor decrease
2194		59.5	58.6	56.1	57.6	Negligible	Negligible	Minor decrease
1535		58.2	57.4	54.9	56.5	Negligible	Negligible	Minor decrease
1484		59.4	58.6	56.1	57.6	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
1424		55.9	55.0	52.5	54.1	Negligible	Negligible	Minor decrease
1597		58.3	57.5	55.1	56.5	Negligible	Negligible	Minor decrease
1379		55.9	55.2	52.7	54.1	Negligible	Negligible	Minor decrease
1444		61.1	60.4	58.0	59.3	Negligible	Negligible	Minor decrease
1314		59.8	59.1	56.5	58.0	Negligible	Negligible	Minor decrease
1363		66.0	65.0	62.4	63.9	Minor decrease	Negligible	Minor decrease
1260		64.1	63.1	60.5	62.1	Minor decrease	Negligible	Minor decrease
1185		61.0	60.2	57.7	59.1	Negligible	Negligible	Minor decrease
1107		64.4	63.1	60.5	62.1	Minor decrease	Negligible	Minor decrease
1173		63.3	62.3	59.8	61.2	Minor decrease	Negligible	Minor decrease
1197		62.6	61.8	59.3	60.7	Negligible	Negligible	Minor decrease
1126		59.5	58.6	56.1	57.6	Negligible	Negligible	Minor decrease
1105		59.7	58.8	56.3	57.8	Negligible	Negligible	Minor decrease
5834		58.9	58.9	57.0	57.3	No Change	Negligible	Negligible
6276		61.0	61.1	58.8	59.0	Negligible	Negligible	Negligible
8040		62.0	62.1	60.0	60.2	Negligible	Negligible	Negligible
6186		59.3	59.1	57.6	58.0	Negligible	Negligible	Negligible
7838		57.7	57.7	55.7	55.9	No Change	Negligible	Negligible
7014		64.1	64.2	62.0	62.1	Negligible	Negligible	Negligible
11809		58.9	59.0	56.9	57.0	Negligible	Negligible	Negligible
6549		68.1	68.3	65.9	66.1	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
6047		58.6	58.7	56.4	56.6	Negligible	Negligible	Negligible
12476		57.1	56.6	54.5	55.6	Negligible	Negligible	Negligible
12435		57.1	56.6	54.6	55.6	Negligible	Negligible	Negligible
12486		54.7	54.4	52.6	53.2	Negligible	Negligible	Negligible
13262		51.4	51.1	49.1	49.7	Negligible	Negligible	Negligible
13316		51.5	51.1	49.3	50.2	Negligible	Negligible	Negligible
5189		58.3	57.9	55.9	56.7	Negligible	Negligible	Negligible
5556		51.2	50.8	49.0	49.8	Negligible	Negligible	Negligible
7613		54.2	53.8	52.3	52.9	Negligible	Negligible	Negligible
8026		55.2	54.9	53.3	53.8	Negligible	Negligible	Negligible
5859		58.3	58.1	57.3	57.4	Negligible	Negligible	Negligible
567		59.3	59.0	56.5	58.1	Negligible	Negligible	Negligible
574		54.4	54.2	51.7	53.3	Negligible	Negligible	Negligible
528		59.7	59.4	56.9	58.6	Negligible	Negligible	Negligible
495		58.5	58.2	55.7	57.4	Negligible	Negligible	Negligible
472		61.7	61.4	58.9	60.5	Negligible	Negligible	Negligible
469		49.6	49.3	46.7	48.4	Negligible	Negligible	Negligible
467		60.0	59.7	57.2	58.9	Negligible	Negligible	Negligible
464		57.3	57.1	54.6	56.2	Negligible	Negligible	Negligible
518		57.1	56.9	54.4	56.0	Negligible	Negligible	Negligible
523		58.6	58.3	55.7	57.5	Negligible	Negligible	Negligible
499		58.5	58.3	55.8	57.4	Negligible	Negligible	Negligible
510		58.7	58.5	56.0	57.6	Negligible	Negligible	Negligible
932		60.5	60.3	57.8	59.4	Negligible	Negligible	Negligible
945		62.7	62.4	59.9	61.6	Negligible	Negligible	Negligible
634		59.8	59.6	57.1	58.8	Negligible	Negligible	Negligible
641		64.1	63.9	61.4	63.0	Negligible	Negligible	Negligible
715		63.4	63.1	60.7	62.3	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
719		65.2	65.0	62.5	64.1	Negligible	Negligible	Negligible
725		65.2	65.1	62.6	64.2	Negligible	Negligible	Negligible
721		56.8	56.5	54.0	55.6	Negligible	Negligible	Negligible
684		65.1	65.0	62.5	64.1	Negligible	Negligible	Negligible
708		64.5	64.3	61.8	63.5	Negligible	Negligible	Negligible
666		60.3	60.1	57.6	59.2	Negligible	Negligible	Negligible
661		61.5	61.4	58.9	60.5	Negligible	Negligible	Negligible
1016		62.2	62.0	59.5	61.1	Negligible	Negligible	Negligible
1011		63.8	63.7	61.1	62.8	Negligible	Negligible	Negligible
12141		56.6	56.2	54.2	55.0	Negligible	Negligible	Negligible
12910		55.2	54.7	52.5	53.5	Negligible	Negligible	Negligible
12246		57.1	56.6	54.5	55.5	Negligible	Negligible	Negligible
12899		55.5	55.0	52.8	53.8	Negligible	Negligible	Negligible
12131		57.7	57.0	55.0	56.0	Negligible	Negligible	Negligible
12888		57.7	57.2	55.1	56.2	Negligible	Negligible	Negligible
12078		54.6	54.3	52.0	52.9	Negligible	Negligible	Negligible
12881		53.2	52.7	50.5	51.6	Negligible	Negligible	Negligible
2963		56.0	55.6	53.4	54.3	Negligible	Negligible	Negligible
12877		50.9	50.4	48.3	49.2	Negligible	Negligible	Negligible
12136		52.7	52.3	50.2	51.1	Negligible	Negligible	Negligible
12941		52.3	52.1	50.1	50.8	Negligible	Negligible	Negligible
12255		52.6	52.2	50.1	51.0	Negligible	Negligible	Negligible
12973		51.8	51.5	49.3	50.1	Negligible	Negligible	Negligible
12286		52.6	52.2	50.1	51.0	Negligible	Negligible	Negligible
13046		53.3	53.0	50.9	51.7	Negligible	Negligible	Negligible
12296		50.7	50.2	48.0	48.9	Negligible	Negligible	Negligible
13116		51.9	51.5	49.4	50.3	Negligible	Negligible	Negligible
12684		54.2	53.8	51.6	52.6	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
12743		56.6	55.9	53.7	54.9	Negligible	Negligible	Negligible
12807		53.1	52.7	50.6	51.5	Negligible	Negligible	Negligible
12920		52.9	52.5	50.5	51.4	Negligible	Negligible	Negligible
3887		55.6	55.2	53.1	53.9	Negligible	Negligible	Negligible
3455		60.9	60.4	58.6	59.5	Negligible	Negligible	Negligible
3918		57.1	56.6	54.6	55.7	Negligible	Negligible	Negligible
3482		59.2	58.6	56.8	57.8	Negligible	Negligible	Negligible
3866		52.2	51.8	49.8	50.7	Negligible	Negligible	Negligible
3272		52.6	52.3	50.3	51.0	Negligible	Negligible	Negligible
3939		54.0	53.6	51.8	52.7	Negligible	Negligible	Negligible
3475		59.8	59.3	57.4	58.3	Negligible	Negligible	Negligible
3961		53.7	53.6	52.1	52.7	Negligible	Negligible	Negligible
3522		58.0	57.8	56.2	56.9	Negligible	Negligible	Negligible
4054		55.9	55.5	53.7	54.6	Negligible	Negligible	Negligible
3586		56.6	56.2	54.4	55.3	Negligible	Negligible	Negligible
3682		57.0	56.5	54.4	55.4	Negligible	Negligible	Negligible
4186		59.9	59.6	57.8	58.5	Negligible	Negligible	Negligible
3832		60.7	60.5	58.7	59.5	Negligible	Negligible	Negligible
4324		56.7	56.3	54.5	55.4	Negligible	Negligible	Negligible
3953		56.7	56.6	55.0	55.7	Negligible	Negligible	Negligible
4444		56.5	56.2	54.3	55.2	Negligible	Negligible	Negligible
3074		59.4	59.1	57.1	57.9	Negligible	Negligible	Negligible
3180		56.9	56.6	54.8	55.6	Negligible	Negligible	Negligible
4529		56.4	56.2	54.3	55.1	Negligible	Negligible	Negligible
12111		54.8	54.5	52.7	53.6	Negligible	Negligible	Negligible
3159		57.7	57.4	55.5	56.3	Negligible	Negligible	Negligible
12653		53.8	53.6	51.6	52.3	Negligible	Negligible	Negligible
12007		54.6	54.3	52.3	53.1	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
12706		52.2	52.1	50.1	50.5	Negligible	Negligible	Negligible
12671		52.4	52.2	50.3	50.9	Negligible	Negligible	Negligible
193		51.8	50.9	48.8	50.1	Negligible	Negligible	Minor decrease
158		47.9	47.3	45.5	46.6	Negligible	Negligible	Negligible
351		55.6	55.3	52.7	54.4	Negligible	Negligible	Negligible
229		51.2	50.9	48.3	50.0	Negligible	Negligible	Negligible
3637		58.6	58.1	56.1	57.1	Negligible	Negligible	Negligible
3513		54.7	54.5	52.5	53.4	Negligible	Negligible	Negligible
3409		55.2	54.7	52.9	53.8	Negligible	Negligible	Negligible
3323		51.8	51.1	49.0	50.0	Negligible	Negligible	Negligible
3419		57.6	57.0	55.0	56.0	Negligible	Negligible	Negligible
3533		55.5	54.9	52.9	53.9	Negligible	Negligible	Negligible
3649		58.7	58.0	55.9	56.9	Negligible	Negligible	Negligible
1234		57.6	56.8	54.4	55.8	Negligible	Negligible	Minor decrease
1409		55.5	54.9	52.5	53.8	Negligible	Negligible	Minor decrease
1289		55.3	54.7	52.1	53.5	Negligible	Negligible	Minor decrease
1399		61.0	59.9	57.5	58.9	Minor decrease	Negligible	Minor decrease
1249		57.2	56.4	54.0	55.4	Negligible	Negligible	Minor decrease
1327		54.6	53.8	51.4	52.7	Negligible	Negligible	Minor decrease
1267		60.4	59.5	57.1	58.6	Negligible	Negligible	Minor decrease
1440		55.2	54.6	52.3	53.6	Negligible	Negligible	Negligible
1303		57.6	56.9	54.6	55.9	Negligible	Negligible	Minor decrease
1350		54.6	53.7	51.4	52.8	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
1321		59.2	58.2	55.6	57.3	Minor decrease	Negligible	Minor decrease
1538		54.8	53.8	51.3	52.8	Minor decrease	Negligible	Minor decrease
1383		56.7	56.0	53.8	55.0	Negligible	Negligible	Negligible
1546		56.5	55.7	53.3	54.7	Negligible	Negligible	Minor decrease
1336		57.6	56.8	54.4	55.7	Negligible	Negligible	Minor decrease
3719		55.0	54.4	51.9	53.4	Negligible	Negligible	Minor decrease
4237		58.0	57.3	55.0	56.3	Negligible	Negligible	Minor decrease
3504		53.1	52.4	50.0	51.4	Negligible	Negligible	Minor decrease
3991		55.6	55.0	52.5	54.0	Negligible	Negligible	Minor decrease
3367		52.4	51.7	49.2	50.7	Negligible	Negligible	Minor decrease
3783		54.1	53.5	51.0	52.5	Negligible	Negligible	Minor decrease
4969		55.7	54.9	52.3	53.8	Negligible	Negligible	Minor decrease
3596		53.8	53.2	50.7	52.2	Negligible	Negligible	Minor decrease
4828		54.3	53.6	51.2	52.6	Negligible	Negligible	Minor decrease
3451		55.9	55.3	52.8	54.4	Negligible	Negligible	Minor decrease
4751		60.5	59.7	57.3	58.7	Negligible	Negligible	Minor decrease
4941		55.0	54.4	51.9	53.4	Negligible	Negligible	Minor decrease
1170		56.3	55.7	53.5	54.7	Negligible	Negligible	Negligible
1160		54.9	54.0	51.4	53.0	Negligible	Negligible	Minor decrease
1142		61.8	60.8	58.4	59.8	Minor decrease	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
1056		57.2	56.2	53.5	55.1	Minor decrease	Negligible	Minor decrease
5100		56.5	55.6	52.9	54.5	Negligible	Negligible	Minor decrease
5084		57.1	56.2	53.6	55.1	Negligible	Negligible	Minor decrease
5109		57.3	56.4	53.9	55.5	Negligible	Negligible	Minor decrease
5077		58.9	58.0	55.7	57.1	Negligible	Negligible	Minor decrease
1079		58.7	57.9	55.6	57.0	Negligible	Negligible	Minor decrease
1085		58.7	58.0	55.7	57.0	Negligible	Negligible	Minor decrease
1068		57.8	57.1	54.9	56.1	Negligible	Negligible	Negligible
1129		59.0	58.1	55.8	57.1	Negligible	Negligible	Minor decrease
1216		56.6	55.7	53.1	54.7	Negligible	Negligible	Minor decrease
1195		56.7	56.1	53.7	55.0	Negligible	Negligible	Minor decrease
1243		58.1	57.2	54.8	56.2	Negligible	Negligible	Minor decrease
4423		55.5	55.2	52.5	54.2	Negligible	Negligible	Minor decrease
4003		55.8	55.4	52.8	54.5	Negligible	Negligible	Minor decrease
3661		58.8	58.3	55.8	57.4	Negligible	Negligible	Minor decrease
11974		56.2	55.8	53.1	54.9	Negligible	Negligible	Minor decrease
23098		68.1	68.2	65.9	66.0	Negligible	Negligible	Negligible
12176		55.9	55.8	54.3	54.5	Negligible	Negligible	Negligible
3137		49.9	49.5	47.4	48.3	Negligible	Negligible	Negligible
4203		52.7	52.3	50.3	51.1	Negligible	Negligible	Negligible
3156		53.5	53.2	51.2	51.9	Negligible	Negligible	Negligible
4229		54.7	54.0	52.0	53.1	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
3112		58.3	58.1	56.2	56.9	Negligible	Negligible	Negligible
4394		56.4	56.1	54.2	55.0	Negligible	Negligible	Negligible
1566		59.6	58.7	56.3	57.8	Negligible	Negligible	Minor decrease
1515		54.3	53.7	51.5	52.7	Negligible	Negligible	Negligible
1630		53.5	52.9	50.5	51.8	Negligible	Negligible	Minor decrease
1587		58.6	57.9	55.7	56.9	Negligible	Negligible	Negligible
2159		57.9	57.1	54.8	56.1	Negligible	Negligible	Minor decrease
1479		61.0	60.0	57.7	59.1	Minor decrease	Negligible	Minor decrease
2214		53.5	52.6	50.2	51.6	Negligible	Negligible	Minor decrease
2260		52.8	52.2	49.7	51.0	Negligible	Negligible	Minor decrease
3176		55.3	54.7	52.1	53.6	Negligible	Negligible	Minor decrease
12032		52.9	52.4	50.2	51.2	Negligible	Negligible	Negligible
3012		49.5	48.9	46.6	47.8	Negligible	Negligible	Negligible
2938		54.1	53.6	51.2	52.4	Negligible	Negligible	Negligible
4441		52.8	52.3	50.1	51.2	Negligible	Negligible	Negligible
4293		57.0	56.3	53.9	55.1	Negligible	Negligible	Minor decrease
3066		51.3	50.7	48.5	49.5	Negligible	Negligible	Negligible
4103		56.9	56.1	53.6	55.0	Negligible	Negligible	Minor decrease
4377		54.7	54.1	51.7	53.0	Negligible	Negligible	Minor decrease
4098		51.1	50.7	48.3	49.4	Negligible	Negligible	Negligible
836		54.0	52.9	50.7	52.1	Minor decrease	Negligible	Minor decrease
835		58.3	57.2	54.7	56.2	Minor decrease	Negligible	Minor decrease
905		54.8	54.6	52.7	53.7	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
882		60.4	59.6	57.3	58.7	Negligible	Negligible	Minor decrease
895		59.7	59.5	57.8	58.7	Negligible	Negligible	Negligible
993		60.1	59.3	57.1	58.3	Negligible	Negligible	Minor decrease
767		55.8	55.5	53.9	54.7	Negligible	Negligible	Negligible
935		53.3	53.0	51.2	52.2	Negligible	Negligible	Negligible
5054		69.5	70.6	68.8	69.8	Minor increase	Negligible	Negligible
788		56.6	56.1	54.4	55.4	Negligible	Negligible	Negligible
565		58.7	58.1	56.4	57.3	Negligible	Negligible	Negligible
652		59.9	59.4	57.6	58.6	Negligible	Negligible	Negligible
555		58.4	57.9	56.1	57.1	Negligible	Negligible	Negligible
772		53.1	52.7	51.0	51.9	Negligible	Negligible	Negligible
3602		57.9	57.1	54.8	56.1	Negligible	Negligible	Minor decrease
3842		51.4	50.7	48.3	49.7	Negligible	Negligible	Minor decrease
3709		51.6	51.0	48.6	49.9	Negligible	Negligible	Minor decrease
3520		52.3	51.6	49.1	50.6	Negligible	Negligible	Minor decrease
3573		52.4	51.7	49.2	50.7	Negligible	Negligible	Minor decrease
3262		52.5	51.8	49.3	50.8	Negligible	Negligible	Minor decrease
3554		55.5	54.8	52.3	53.8	Negligible	Negligible	Minor decrease
3397		56.3	55.5	53.2	54.5	Negligible	Negligible	Minor decrease
3444		57.7	57.0	54.7	55.9	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
5044		52.4	51.7	49.2	50.6	Negligible	Negligible	Minor decrease
2906		55.4	54.6	52.2	53.5	Negligible	Negligible	Minor decrease
4906		52.7	51.9	49.4	50.9	Negligible	Negligible	Minor decrease
5022		55.9	55.0	52.7	54.1	Negligible	Negligible	Minor decrease
4801		54.1	53.4	51.2	52.4	Negligible	Negligible	Negligible
4888		50.8	50.1	47.6	49.0	Negligible	Negligible	Minor decrease
4720		56.6	55.9	53.5	54.7	Negligible	Negligible	Minor decrease
1971		53.5	52.6	50.3	51.6	Negligible	Negligible	Minor decrease
4559		56.8	56.0	53.7	55.1	Negligible	Negligible	Minor decrease
1812		58.8	58.0	55.7	57.0	Negligible	Negligible	Minor decrease
2057		55.7	54.9	52.4	53.8	Negligible	Negligible	Minor decrease
12966		55.0	54.8	52.7	53.4	Negligible	Negligible	Negligible
12224		57.6	57.1	55.1	56.1	Negligible	Negligible	Negligible
12988		52.9	52.6	50.6	51.1	Negligible	Negligible	Negligible
12158		58.4	57.9	55.9	56.9	Negligible	Negligible	Negligible
13012		55.9	55.6	53.6	54.2	Negligible	Negligible	Negligible
12268		55.0	54.7	53.0	53.7	Negligible	Negligible	Negligible
12996		50.9	50.7	48.7	49.2	Negligible	Negligible	Negligible
12704		59.2	58.7	56.8	57.6	Negligible	Negligible	Negligible
12921		58.8	58.6	56.6	57.3	Negligible	Negligible	Negligible
4841		57.5	57.2	55.3	56.2	Negligible	Negligible	Negligible
2010		53.3	52.7	50.7	51.7	Negligible	Negligible	Negligible
4786		57.7	57.2	55.3	56.2	Negligible	Negligible	Negligible
1904		56.4	56.0	54.3	55.2	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
4655		58.4	57.7	55.7	56.8	Negligible	Negligible	Negligible
1894		58.4	58.1	56.2	57.1	Negligible	Negligible	Negligible
4648		61.2	60.8	58.7	59.7	Negligible	Negligible	Negligible
1798		58.0	57.4	55.5	56.6	Negligible	Negligible	Negligible
4616		54.8	54.2	52.1	53.0	Negligible	Negligible	Negligible
2821		57.3	57.1	55.3	56.1	Negligible	Negligible	Negligible
1996		59.0	58.6	56.6	57.5	Negligible	Negligible	Negligible
2045		59.5	59.1	57.2	58.1	Negligible	Negligible	Negligible
2518		57.1	56.8	55.0	55.8	Negligible	Negligible	Negligible
2754		59.6	59.3	57.3	58.3	Negligible	Negligible	Negligible
1959		56.9	56.5	54.5	55.4	Negligible	Negligible	Negligible
2752		58.4	58.4	57.1	57.7	No Change	Negligible	Negligible
1829		56.0	55.8	54.0	54.9	Negligible	Negligible	Negligible
2548		59.0	59.0	57.6	58.2	No Change	Negligible	Negligible
2541		55.0	54.5	52.4	53.4	Negligible	Negligible	Negligible
2489		59.1	58.4	56.3	57.4	Negligible	Negligible	Negligible
2787		60.1	59.6	57.9	58.7	Negligible	Negligible	Negligible
2476		57.0	56.6	54.8	55.8	Negligible	Negligible	Negligible
2722		55.6	55.1	53.1	54.2	Negligible	Negligible	Negligible
2374		57.7	57.3	55.4	56.4	Negligible	Negligible	Negligible
2689		57.0	56.5	54.6	55.6	Negligible	Negligible	Negligible
2278		56.8	56.6	54.8	55.7	Negligible	Negligible	Negligible
2620		55.0	54.6	52.8	53.7	Negligible	Negligible	Negligible
2253		57.9	57.5	55.6	56.6	Negligible	Negligible	Negligible
2350		62.1	61.6	59.8	60.7	Negligible	Negligible	Negligible
2601		58.1	57.9	56.2	57.0	Negligible	Negligible	Negligible
1698		62.3	61.6	59.6	60.6	Negligible	Negligible	Negligible
1492		57.5	57.0	55.1	56.1	Negligible	Negligible	Negligible

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
1704		63.3	63.0	61.3	62.1	Negligible	Negligible	Negligible
1646		62.1	61.7	60.1	60.8	Negligible	Negligible	Negligible
5329		52.4	52.3	50.6	50.9	Negligible	Negligible	Negligible
7303		55.4	55.2	53.6	54.1	Negligible	Negligible	Negligible
5439		57.7	57.3	55.5	56.2	Negligible	Negligible	Negligible
5481		58.5	58.1	56.2	57.0	Negligible	Negligible	Negligible
5353		56.4	56.2	54.4	54.8	Negligible	Negligible	Negligible
5492		57.0	56.8	54.9	55.4	Negligible	Negligible	Negligible
7707		54.8	54.5	52.8	53.4	Negligible	Negligible	Negligible
5599		53.3	53.1	51.4	51.7	Negligible	Negligible	Negligible
7541		54.0	53.9	52.3	52.5	Negligible	Negligible	Negligible
13341		55.1	54.8	53.0	53.7	Negligible	Negligible	Negligible
7186		54.1	53.8	51.9	52.5	Negligible	Negligible	Negligible
7449		54.4	54.2	52.7	53.0	Negligible	Negligible	Negligible
4302		53.8	53.1	51.1	52.2	Negligible	Negligible	Negligible
3026		53.3	52.7	50.6	51.7	Negligible	Negligible	Negligible
4174		53.5	52.7	50.4	51.7	Negligible	Negligible	Minor decrease
4430		52.9	52.4	50.2	51.3	Negligible	Negligible	Negligible
4015		54.4	53.6	51.2	52.6	Negligible	Negligible	Minor decrease
4258		51.7	51.0	48.5	50.0	Negligible	Negligible	Minor decrease
3241		52.3	51.6	49.1	50.6	Negligible	Negligible	Minor decrease
4254		53.6	52.9	50.5	51.8	Negligible	Negligible	Minor decrease
3799		55.4	54.6	52.2	53.5	Negligible	Negligible	Minor decrease

Receptor ID	Receptor address	Noise Level 2020 without scheme	Noise Level 2020 with scheme	Noise Level 2035 without scheme	Noise Level 2035 with scheme	Opening Impact	Scheme Impact	Impact without Scheme
4072		52.9	52.3	50.1	51.2	Negligible	Negligible	Negligible
3617		53.1	52.4	49.8	51.3	Negligible	Negligible	Minor decrease
3234		57.1	56.3	54.1	55.3	Negligible	Negligible	Minor decrease
3544		57.8	57.0	54.6	56.0	Negligible	Negligible	Minor decrease
3809		57.5	56.8	54.4	55.7	Negligible	Negligible	Minor decrease
3264		55.4	54.7	52.5	53.7	Negligible	Negligible	Negligible
3700		53.9	53.2	51.0	52.2	Negligible	Negligible	Negligible
3337		52.8	52.1	49.7	51.0	Negligible	Negligible	Minor decrease
3534		55.9	55.1	52.7	54.0	Negligible	Negligible	Minor decrease
4880		51.9	51.2	48.6	50.2	Negligible	Negligible	Minor decrease
3429		51.6	51.0	48.9	50.0	Negligible	Negligible	Negligible
4854		56.0	55.2	52.6	54.1	Negligible	Negligible	Minor decrease
2891		57.7	56.9	54.5	55.8	Negligible	Negligible	Minor decrease