APPENDIX B
NOISE BACKUP

Noise Monitoring Noise levels in dBA - Fordham University Lincoln Center
10488-0008
5/15/2007, 5/25/07, 1/3/2008
B&K 2260

Measured Site	Location	Time	$L_{eq(1)}$	$L_{1(1)}$	$L_{10(1)}$	$L_{50(1)}$	$L_{90(1)}$	$L_{min(1)}$	$L_{max(1)}$
1	West 60th Street between Amsterdam Avenue and Columbus Avenue	AM	65.1	73.0	67.0	62.9	61.5	60.4	82.9
		Midday	66.3	74.5	68.6	64.6	62.3	60.8	78.6
		PM	67.3	76.9	70.6	63.8	60.6	59.7	78.4
		Pre-Theater	61.7	71.9	65.4	57.1	53.9	52.6	77.6
2	West 62nd Street between Amsterdam Avenue and Columbus Avenue	AM	69.3	79.4	72.6	65.2	61.2	59.2	84.2
		Midday	67.4	76.7	71.3	63.3	60.2	58.3	82.5
		PM	70.8	74.6	72.2	70.6	68.5	63.1	80.2
		Pre-Theater	69.6	74.0	70.9	69.2	68.5	66.2	78.0
3	Amsterdam Avenue between 60th Street and 61st Street	AM	71.9	80.9	75.3	69.4	62.6	61.0	85.6
		Midday	71.5	81.3	74.9	68.4	63.5	60.8	88.9
		PM	72.3	80.9	75.6	69.7	63.1	61.4	90.2
		Pre-Theater	66.2	75.1	70.0	62.3	57.2	55.5	80.6
4	Columbus Avenue between 61st Street and 62nd Street	AM	68.4	76.2	71.4	66.2	62.9	60.7	82.0
		Midday	68.5	74.6	71.5	66.9	64.1	62.3	80.0
		PM	66.3	74.6	69.5	63.6	61.2	60.0	79.5
		Pre-Theater	65.8	74.7	68.4	63.6	58.7	55.7	81.1
5	Alvin Ailey Place between Amsterdam Avenue and Columbus Avenue	AM	63.8	68.9	66.1	63.0	61.0	59.5	72.6
		Midday	63.6	68.9	65.8	62.8	61.0	60.1	73.4
		PM	67.4	69.7	68.3	67.3	66.5	65.7	72.5
		Pre-Theater	61.3	68.9	61.1	57.0	54.6	53.4	83.9
6	Amsterdam Avenue between 61st Street and 62nd Street	AM	71.1	78.8	74.0	68.3	63.2	60.6	88.2
		Midday	69.3	77.6	72.0	67.2	64.7	63.3	80.6
		PM	72.8	79.2	73.8	70.2	67.7	65.0	94.2
		Pre-Theater	67.1	76.9	71.2	59.9	54.8	53.5	81.0

Fordham Operational Noise Analysis Results

Receptor Location	Site	Hour	Direction	Exist. Total Volume	% Auto	% Medium	% Heavy	% Bus	Exist. PCEs	Exist. Leq(1)	NB2014 Total Volume	NB2014 PCEs	NB2014 Leq(1)	NB2014 Change	Incr. Autos	Incr. Medium Truck	Incr. Heavy Truck	B2014 Total PCEs	B2014 Leq(1)	B2014 Change	NB2032 Total Volume	NB2032 PCEs	NB2032 Leq(1)	NB2032 Change	Incr. Autos	Incr. Medium Truck	Incr. Heavy Truck	B2032 Total PCEs	B2032 Leq(1)	B2032 Change
60th Street between Amsterdam & Columbus Avenues (TNM)	1	AM	East	265	89.3%	7.3%	1.7%	1.7%	782				66.4	1.3					66.6	0.2				1.6						0.3
		AM	West		88.6%	9.6%	0.0%	1.8%	0	65.1													66.7						67.0	
		MD	East	205	76.3%	12.3%	0.3%	0.7%	542				67.2	0.9					67.6	0.4				1.1						0.4
		MD	West		92.9%	5.2%	0.0%	1.9%	0	66.3													67.4						67.8	
		PM	East	215	95.4%	4.2%	0.0%	0.4%	339				68.2	0.9					68.3	0.1				1.0						0.9
		PM	West		93.4%	5.4%	0.4%	0.8%	0	67.3													68.3						69.2	
		Pre-Theater	East	180	95.4%	4.2%	0.0%	0.4%	284				62.4	0.7					62.4	0.0				0.8						0.1
		Pre-Theater	West		93.4%	5.4%	0.4%	0.8%	0	61.7													62.5						62.6	
62nd Street between Amsterdam & Columbus Avenues	2	AM	East	115	89.3%	7.3%	1.7%	1.7%	339		146	431	69.4	0.1	15		1	758	69.9	0.5	156	460	69.7	0.4	16	4	1	872	70.5	0.8
		AM	West	130	88.6%	9.6%	0.0%	1.8%	320	69.3	101	249			16						110	271			26					
		MD	East	95	76.3%	12.3%	0.3%	0.7%	251		120	317	67.6	0.2	16		1	618	68.2	0.6	129	341	67.9	0.5	25	3	1	721	68.9	1.0
		MD	West	135	92.9%	5.2%	0.0%	1.9%	264	67.4	112	219			19						122	238			31					
		PM	East	135	95.4%	4.2%	0.0%	0.4%	213		173	273	70.7	-0.1	32		1	738	71.2	0.5	185	292	71.0	0.2	46	2	1	824	71.7	0.7
		PM	West	230	93.4%	5.4%	0.4%	0.8%	455	70.8	193	382			4						206	408			5					
		Pre-Theater	East	80	95.4%	4.2%	0.0%	0.4%	126		112	177	69.5	-0.1	21			547	69.6	0.2	119	188	69.8	0.2	27			592	70.0	0.2
		Pre-Theater	West	210	93.4%	5.4%	0.4%	0.8%	416	69.6	176	348			1						189	374			3					
Amsterdam Avenue between 60th & 61st Streets	3	AM	North	1355	84.5%	10.3%	2.3%	3.0%	5130	71.9	1706	6459	72.9	1.0	14	2	1	6546	73.0	0.1	1850	7004	73.3	1.4	26	7	2	7215	73.4	0.1
		MD	North	1155	86.0%	8.5%	3.1%	2.4%	4461	71.5	1430	5523	72.4	0.9	28	2	1	5624	72.5	0.1	1542	5955	72.8	1.3	37	5	2	6151	72.9	0.1
		PM	North	1530	93.7%	2.3%	0.5%	2.4%	2877	72.3	1894	3562	73.2	0.9	28	1	1	3650	73.3	0.1	2051	3857	73.6	1.3	38	4	1	3994	73.7	0.2
		Pre-Theater	North	1600	93.7%	2.3%	0.5%	2.4%	3009	66.2	1872	3520	66.9	0.7	25			3545	66.9	0.0	2033	3823	67.2	1.0	29			3852	67.3	0.0
Columbus Avenue between 61st & 62nd Streets	4	AM	South	1700	87.3%	8.2%	1.5%	3.0%	5427	68.4	1894	6046	68.9	0.5	10	2	1	6129	68.9	0.1	2039	6509	69.2	0.8	8	7	2	6702	69.3	0.1
		MD	South	1510	83.8%	8.3%	1.6%	2.6%	4761	68.5	1697	5350	69.0	0.5	15	2	1	5438	69.1	0.1	1828	5763	69.3	0.8	17	5	2	5939	69.5	0.1
		PM	South	1860	93.5%	4.0%	0.3%	2.2%	3686	66.3	2058	4078	66.7	0.4	38	1	1	4176	66.8	0.1	2225	4409	67.1	0.8	55	4	1	4563	67.2	0.1
		Pre-Theater	South	1685	93.5%	4.0%	0.3%	2.2%	3339	65.8	1851	3668	66.2	0.4	27			3695	66.2	0.0	2007	3977	66.6	0.8	36			4013	66.6	0.0
Alvin Ailey Place between Amsterdam Avenue and Columbus Avenue	5	AM	East	15	100.0%	0.0%	0.0%	0.0%	15		19	19	64.6	0.8	4			40	66.8	2.2	20	20	64.9	1.1	4			42	67.0	2.1
		AM	West	5	100.0%	0.0%	0.0%	0.0%	5	63.8	5	5			12						6	6			12					
		MD	East	20	100.0%	0.0%	0.0%	0.0%	20		22	22	63.7	0.1	6			46	64.8	1.1	24	24	64.2	0.6	6			50	65.1	1.0
		MD	West	15	100.0%	0.0%	0.0%	0.0%	15	63.6	14	14			4						16	16			4					
		PM	East	15	100.0%	0.0%	0.0%	0.0%	15		19	19	67.8	0.4	18			56	70.1	2.3	20	20	68.2	0.8	18			59	70.3	2.1
		PM	West	15	100.0%	0.0%	0.0%	0.0%	15	67.4	14	14			5						16	16			5					
		Pre-Theater	East	20	100.0%	0.0%	0.0%	0.0%	20		23	23	61.5	0.2	15			56	63.3	1.8	25	25	62.0	0.7	14			59	63.6	1.6
		Pre-Theater	West	15	100.0%	0.0%	0.0%	0.0%	15	61.3	14	14			4						16	16			4					
Amsterdam Avenue between 61st & 62nd Streets	6	AM	North	1490	84.5%	10.3%	2.3%	3.0%	5641	71.1	1671	6326	71.6	0.5	22	2	1	6421	71.7	0.1	1813	6864	72.0	0.9	34	7	2	7083	72.1	0.1
		MD	North	1235	86.0%	8.5%	3.1%	2.4%	4770	69.3	1412	5453	69.9	0.6	26	2	1	5552	70.0	0.1	1523	5882	70.2	0.9	35	5	2	6076	70.4	0.1
		PM	North	1645	93.7%	2.3%	0.5%	2.4%	3093	72.8	1868	3513	73.4	0.6	15	1	1	3588	73.4	0.1	2024	3806	73.7	0.9	26	4	1	3931	73.8	0.1
		Pre-Theater	North	1665	93.7%	2.3%	0.5%	2.4%	3131	67.1	1844	3468	67.5	0.4	14			3482	67.6	0.0	2004	3768	67.9	0.8	19			3787	67.9	0.0

Note: At Receptor 1 Noise levels were calculated by using TNM, and at other receptors noise levels were calculated by using proportional modeling techniques

Noise Analysis Results in L10 (2014)

Note: This L10 calculation sheet is valid for the following in addition to Residential 7 AM - 10 PM: school, museum, library, court, house of worship, transient hotel or motel, public meeting room, auditorium, out patient public health facility, commercia

Categories	
L10 < or equal 65 dBA	accepatble
65 < L10 < or equal 70 dBA	marginaly acceptable
70 < L10 < or equal 80 dBA	marginaly acceptable
L10 > 80 dBA	clearly unacceptable

Receptor Location	Site	Hour	NB Change	Existing L10	Category (Existing L10 noise levels)	Existing L10 + NB Change = NB L10	Category (NB L10 noise levels)	Build Change	No Build L10	No Build L10 + Build Change = L10	Category (B L10 noise levels)	CEQR criteria 45 dB(A)	Building Attenuation required
60th Street between Amsterdam & Columbus Avenues	1	AM	1.3	67.0	MARGINALLY ACCEPTABLE	68.3	MARGINALLY ACCEPTABLE	0.2	68.3	68.5	MARGINALLY ACCEPTABLE	45	24
		MD	0.9	68.6	MARGINALLY ACCEPTABLE	69.5	MARGINALLY ACCEPTABLE	0.4	69.5	69.9	MARGINALLY ACCEPTABLE	45	25
		PM	0.9	70.6	MARGINALLY UNACCEPTABLE	71.5	MARGINALLY UNACCEPTABLE	0.1	71.5	71.6	MARGINALLY UNACCEPTABLE	45	27
		PT	0.7	65.4	MARGINALLY ACCEPTABLE	66.1	MARGINALLY ACCEPTABLE	0.0	66.1	66.1	MARGINALLY ACCEPTABLE	45	21
62nd Street between Amsterdam & Columbus Avenues	2	AM	0.1	72.6	MARGINALLY UNACCEPTABLE	72.7	MARGINALLY UNACCEPTABLE	0.5	72.7	73.2	MARGINALLY UNACCEPTABLE	45	28
		MD	0.2	71.3	MARGINALLY UNACCEPTABLE	71.5	MARGINALLY UNACCEPTABLE	0.6	71.5	72.1	MARGINALLY UNACCEPTABLE	45	27
		PM	-0.1	72.2	MARGINALLY UNACCEPTABLE	72.1	MARGINALLY UNACCEPTABLE	0.5	72.1	72.6	MARGINALLY UNACCEPTABLE	45	28
		PT	-0.1	70.9	MARGINALLY UNACCEPTABLE	70.8	MARGINALLY UNACCEPTABLE	0.2	70.8	70.9	MARGINALLY UNACCEPTABLE	45	26
Amsterdam Avenue between 60th & 61st Streets	3	AM	1.0	75.3	MARGINALLY UNACCEPTABLE	76.3	MARGINALLY UNACCEPTABLE	0.1	76.3	76.4	MARGINALLY UNACCEPTABLE	45	31
		MD	0.9	74.9	MARGINALLY UNACCEPTABLE	75.8	MARGINALLY UNACCEPTABLE	0.1	75.8	75.9	MARGINALLY UNACCEPTABLE	45	31
		PM	0.9	75.6	MARGINALLY UNACCEPTABLE	76.5	MARGINALLY UNACCEPTABLE	0.1	76.5	76.6	MARGINALLY UNACCEPTABLE	45	32
		PT	0.7	70.0	MARGINALLY ACCEPTABLE	70.7	MARGINALLY UNACCEPTABLE	0.0	70.7	70.7	MARGINALLY UNACCEPTABLE	45	26
Columbus Avenue between 61st & 62nd Streets	4	AM	0.5	71.4	MARGINALLY UNACCEPTABLE	71.9	MARGINALLY UNACCEPTABLE	0.1	71.9	71.9	MARGINALLY UNACCEPTABLE	45	27
		MD	0.5	71.5	MARGINALLY UNACCEPTABLE	72.0	MARGINALLY UNACCEPTABLE	0.1	72.0	72.1	MARGINALLY UNACCEPTABLE	45	27
		PM	0.4	69.5	MARGINALLY ACCEPTABLE	69.9	MARGINALLY ACCEPTABLE	0.1	69.9	70.0	MARGINALLY ACCEPTABLE	45	25
		PT	0.4	68.4	MARGINALLY ACCEPTABLE	68.8	MARGINALLY ACCEPTABLE	0.0	68.8	68.8	MARGINALLY ACCEPTABLE	45	24
Alvin Ailey Place between Amsterdam Avenue and Columbus Avenue	5	AM	0.8	66.1	MARGINALLY ACCEPTABLE	66.9	MARGINALLY ACCEPTABLE	2.2	66.9	69.1	MARGINALLY ACCEPTABLE	45	24
		MD	0.1	65.8	MARGINALLY ACCEPTABLE	65.9	MARGINALLY ACCEPTABLE	1.1	65.9	67.0	MARGINALLY ACCEPTABLE	45	22
		PM	0.4	68.3	MARGINALLY ACCEPTABLE	68.7	MARGINALLY ACCEPTABLE	2.3	68.7	71.0	MARGINALLY UNACCEPTABLE	45	26
		PT	0.2	61.1	ACCEPTABLE	61.3	ACCEPTABLE	1.8	61.3	63.1	ACCEPTABLE	45	18
Amsterdam Avenue between 61st & 62nd Streets	6	AM	0.5	74.0	MARGINALLY UNACCEPTABLE	74.5	MARGINALLY UNACCEPTABLE	0.1	74.5	74.6	MARGINALLY UNACCEPTABLE	45	30
		MD	0.6	72.0	MARGINALLY UNACCEPTABLE	72.6	MARGINALLY UNACCEPTABLE	0.1	72.6	72.7	MARGINALLY UNACCEPTABLE	45	28
		PM	0.6	73.8	MARGINALLY UNACCEPTABLE	74.4	MARGINALLY UNACCEPTABLE	0.1	74.4	74.4	MARGINALLY UNACCEPTABLE	45	29
		PT	0.4	71.2	MARGINALLY UNACCEPTABLE	71.6	MARGINALLY UNACCEPTABLE	0.0	71.6	71.7	MARGINALLY UNACCEPTABLE	45	27

Noise Analysis Results in L10 (2032)

Note: This L10 calculation sheet is valid for the following in addition to Residential 7 AM - 10 PM: school, museum, library, court, house of worship, transient hotel or motel, public meeting room, auditorium, out patient public health facility, commercia

Categories	
L10 < or equal 65 dBA	accepatble
65 < L10 < or equal 70 dBA	marginaly acceptable
70 < L10 < or equal 80 dBA	marginaly acceptable
L10 > 80 dBA	clearly unacceptable

Receptor Location	Site	Hour	NB Change	Existing L10	Category (Existing L10 noise levels)	Existing L10 + NB Change = NB L10	Category (NB L10 noise levels)	Build Change	No Build L10	No Build L10 + Build Change = L10	Category (B L10 noise levels)	CEQR criteria 45 dB(A)	Building Attenuation required
60th Street between Amsterdam & Columbus Avenues	1	AM	1.6	67.0	MARGINALLY ACCEPTABLE	68.6	MARGINALLY ACCEPTABLE	0.3	68.6	68.9	MARGINALLY ACCEPTABLE	45	24
		MD	1.1	68.6	MARGINALLY ACCEPTABLE	69.7	MARGINALLY ACCEPTABLE	0.4	69.7	70.1	MARGINALLY UNACCEPTABLE	45	25
		PM	1.0	70.6	MARGINALLY UNACCEPTABLE	71.6	MARGINALLY UNACCEPTABLE	0.9	71.6	72.5	MARGINALLY UNACCEPTABLE	45	28
		PT	0.8	65.4	MARGINALLY ACCEPTABLE	66.2	MARGINALLY ACCEPTABLE	0.1	66.2	66.3	MARGINALLY ACCEPTABLE	45	21
62nd Street between Amsterdam & Columbus Avenues	2	AM	0.4	72.6	MARGINALLY UNACCEPTABLE	73.0	MARGINALLY UNACCEPTABLE	0.8	73.0	73.8	MARGINALLY UNACCEPTABLE	45	29
		MD	0.5	71.3	MARGINALLY UNACCEPTABLE	71.8	MARGINALLY UNACCEPTABLE	1.0	71.8	72.8	MARGINALLY UNACCEPTABLE	45	28
		PM	0.2	72.2	MARGINALLY UNACCEPTABLE	72.4	MARGINALLY UNACCEPTABLE	0.7	72.4	73.1	MARGINALLY UNACCEPTABLE	45	28
		PT	0.2	70.9	MARGINALLY UNACCEPTABLE	71.1	MARGINALLY UNACCEPTABLE	0.2	71.1	71.3	MARGINALLY UNACCEPTABLE	45	26
Amsterdam Avenue between 60th & 61st Streets	3	AM	1.4	75.3	MARGINALLY UNACCEPTABLE	76.7	MARGINALLY UNACCEPTABLE	0.1	76.7	76.8	MARGINALLY UNACCEPTABLE	45	32
		MD	1.3	74.9	MARGINALLY UNACCEPTABLE	76.2	MARGINALLY UNACCEPTABLE	0.1	76.2	76.3	MARGINALLY UNACCEPTABLE	45	31
		PM	1.3	75.6	MARGINALLY UNACCEPTABLE	76.9	MARGINALLY UNACCEPTABLE	0.2	76.9	77.0	MARGINALLY UNACCEPTABLE	45	32
		PT	1.0	70.0	MARGINALLY ACCEPTABLE	71.0	MARGINALLY UNACCEPTABLE	0.0	71.0	71.1	MARGINALLY UNACCEPTABLE	45	26
Columbus Avenue between 61st & 62nd Streets	4	AM	0.8	71.4	MARGINALLY UNACCEPTABLE	72.2	MARGINALLY UNACCEPTABLE	0.1	72.2	72.3	MARGINALLY UNACCEPTABLE	45	27
		MD	0.8	71.5	MARGINALLY UNACCEPTABLE	72.3	MARGINALLY UNACCEPTABLE	0.1	72.3	72.5	MARGINALLY UNACCEPTABLE	45	27
		PM	0.8	69.5	MARGINALLY ACCEPTABLE	70.3	MARGINALLY UNACCEPTABLE	0.1	70.3	70.4	MARGINALLY UNACCEPTABLE	45	25
		PT	0.8	68.4	MARGINALLY ACCEPTABLE	69.2	MARGINALLY ACCEPTABLE	0.0	69.2	69.2	MARGINALLY ACCEPTABLE	45	24
Alvin Ailey Place between Amsterdam Avenue and Columbus Avenue	5	AM	1.1	66.1	MARGINALLY ACCEPTABLE	67.2	MARGINALLY ACCEPTABLE	2.1	67.2	69.3	MARGINALLY ACCEPTABLE	45	24
		MD	0.6	65.8	MARGINALLY ACCEPTABLE	66.4	MARGINALLY ACCEPTABLE	1.0	66.4	67.3	MARGINALLY ACCEPTABLE	45	22
		PM	0.8	68.3	MARGINALLY ACCEPTABLE	69.1	MARGINALLY ACCEPTABLE	2.1	69.1	71.2	MARGINALLY UNACCEPTABLE	45	26
		PT	0.7	61.1	ACCEPTABLE	61.8	ACCEPTABLE	1.6	61.8	63.4	ACCEPTABLE	45	18
Amsterdam Avenue between 61st & 62nd Streets	6	AM	0.9	74.0	MARGINALLY UNACCEPTABLE	74.9	MARGINALLY UNACCEPTABLE	0.1	74.9	75.0	MARGINALLY UNACCEPTABLE	45	30
		MD	0.9	72.0	MARGINALLY UNACCEPTABLE	72.9	MARGINALLY UNACCEPTABLE	0.1	72.9	73.1	MARGINALLY UNACCEPTABLE	45	28
		PM	0.9	73.8	MARGINALLY UNACCEPTABLE	74.7	MARGINALLY UNACCEPTABLE	0.1	74.7	74.8	MARGINALLY UNACCEPTABLE	45	30
		PT	0.8	71.2	MARGINALLY UNACCEPTABLE	72.0	MARGINALLY UNACCEPTABLE	0.0	72.0	72.0	MARGINALLY UNACCEPTABLE	45	27

Noise Levels $L_{10(1)}$ on Project Building Facades

Proposed Buildings/Spaces	Façade	Build L10	CEQR Criteria	Building Attenuation (dBA)	
	East	74.8	45	29.8	30
	South	74.0	45	29.0	30
	West	68.0	45	23.0	25
Site 1 (Dormitory & Academic Building)	North	74.8	45	29.8	30
	East	75.3	45	30.3	35
	South	74.8	45	29.8	30
	West	68.4	45	23.4	25
Site 2 (Dormitory & Academic Building)	North	74.0	45	29.0	30
	East	67.5	45	22.5	25
	South	73.5	45	28.5	30
	West	76.2	45	31.2	35
Site 3 (Academic, Dormitory and Residential)	North	69.8	45	24.8	25
	East	66.1	45	21.1	25
	South	69.8	45	24.8	25
	West	76.6	45	31.6	35
Site 3a (Academic, Dormitory and Residential)	North	71.9	45	26.9	30
	East	67.8	45	22.8	25
	South	71.0	45	26.0	30
	West	75.8	45	30.8	35
Site 4 (Residential)	North	74.0	45	29.0	30
	East	67.8	50	17.8	20
	South	67.6	50	17.6	20
	West	69.8	50	19.8	20
Site 5a (Academic Building)	North	70.2	50	20.2	25
	East	67.8	45	22.8	25
	South	67.6	45	22.6	25
	West	69.8	45	24.8	25
Site 5 (Dormitory & Academic Building)	North	68.6	45	23.6	25
	East	71.2	45	26.2	30
	South	66.1	45	21.1	25
	West	69.8	45	24.8	25
Site 6 (Dormitory & Academic Building)	North	69.6	45	24.6	25
	East	66.0	50	16.0	20
	South	66.3	50	16.3	20
	West	66.3	50	16.3	20
Site 7 (Academic Building)	North	66.1	50	16.1	20

TNM Predicted Noise Levels

Receptor Location	Site	Hour	Existing			No Build 2014		Build 2014		No Build 2032		Build 2032	
			Measured Level	TNM Level	Change	TNM Level	Increase	TNM Level	Increase	TNM Level	Increase	TNM Level	Increase
		AM	65.1	63.0	2.1	64.3	1.3	64.5	0.2	64.6	1.6	64.9	0.3
		MD	66.3	64.1	2.2	65.0	0.9	65.4	0.4	65.2	1.1	65.6	0.4
		PM	67.3	65.2	2.1	66.1	0.9	66.2	0.1	66.2	1.0	67.1	0.9
between Amsterdam & Columb	1	Pre-Theater	61.7	64.7	-3.0	65.4	0.7	65.4	0.0	65.5	0.8	65.6	0.1

A difference of 3 dBA or less between the modeled noise levels and measured noise levels indicates that the TNM model can be used with confidence.