

Table 1. Comparison of the MML and MRIL characteristics between the different residual inhibition sub-groups for Marseille site only.

	RI sub-groups				
	Complete N=16	Partial N=8	Persistent N=4	Increased tinnitus loudness N=4	Change in tinnitus pitch N=2
<i>MML in dB SL (SD)</i>					
- Broadband	21 (11)	21 (12)	26 (8)	23 (6)	23 (5)
- Tinnitus frequency	5 (20)	13 (13)	9 (4)	33.2 (32)	30 (14)
- HL slope frequency	7 (8)	6 (11)	11 (12)	37 (29)	32 (3)
- Outside HL frequency	38 (27)	53 (24)	19 (8)	49 (32)	54 (44)
<i>MRIL in dB SL (SD)</i>					
- Broadband	33 (12)	31 (10)	33 (14)	N.A.	N.A.
- Tinnitus frequency	10 (19)	19 (13)	16 (6)	N.A.	N.A.
- HL slope frequency	19 (17)	12 (11)	17 (18)	N.A.	N.A.
- Outside HL frequency	47 (24)	63 (17)	34 (17)	N.A.	N.A.
<i>MRIL – MML: Difference in dB SL (SD)</i>					
- Broadband	12 (8)	8 (6)	5 (5)	N.A.	N.A.
- Tinnitus frequency	7 (4)	5 (4)	7 (3)	N.A.	N.A.
- HL slope frequency	12 (14)	6 (3)	6 (6)	N.A.	N.A.
- Outside HL frequency	7 (12)	2 (3)	15 (9)	N.A.	N.A.
<i>Pure tone average in dB HL (SD)</i>					
- Low frequency	23 (10)	28 (18)	24 (9)	13 (8)	9 (1)
- Mid frequency	26 (14)	36 (24)	27 (5)	14 (7)	10 (4)
- High frequency	43 (26)	52 (24)	48 (21)	21 (12)	22 (16)
<i>Visual analog scale of tinnitus loudness (mean score)</i>					
- Before the experiment	5	7	5	5	3.75
- After the experiment	3	4	1	5	2.5

Pure tone average (PTA), PTA low-freq includes 250, 500 and 750 Hz, PTA mid-freq includes 1000, 1500, 2000 and 3000 Hz, PTA high freq includes 4000, 6000 and 8000 Hz

Table 2. Mean differences between broadband noise and NBN (Marseille site)

Comparisons	Mean difference in dB SL (SD)	Paired <i>T</i> -test	<i>P</i> -value
MML			
Broadband – Tinnitus frequency	13.5 (24.9)	$t(25) = 2.77$.01
Broadband – HL slope frequency	12.2 (13.1)	$t(19) = 4.14$.001
Broadband – Outside HL frequency	-21.4 (26.4)	$t(22) = -3.89$.001
MRIL			
Broadband – Tinnitus frequency	19.1 (24.6)	$t(18) = 3.37$.003
Broadband – HL slope frequency	15.3 (15.2)	$t(15) = 4.01$.001
Broadband – Outside HL frequency	-20 (20.9)	$t(16) = -3.95$.001

Table 3. Mean differences and correlations between the MRIL and MML (n = number of patients).

Stimulation frequency	Mean difference in dB MRIL – MML (SD)	Paired <i>T</i> -test	<i>P</i> -value	Pearson's correlation coefficient (r)	<i>P</i> -value
Lyon site					
500 Hz (n=29)	12.5 (12.7)	$t(28) = 5.3$	<.001	.93	<.001
1000 Hz (n=34)	10.5 (8.1)	$t(33) = 7.6$	<.001	.95	<.001
2000 Hz (n=34)	12 (10)	$t(33) = 6.9$	<.001	.92	<.001
3000 Hz (n=25)	13 (11.6)	$t(24) = 5.6$	<.001	.84	<.001
4000 Hz (n=34)	10.7 (10.1)	$t(33) = 6.2$	<.001	.90	<.001
6000 Hz (n=30)	7.9 (9.1)	$t(29) = 4.7$	<.001	.81	<.001
8000 Hz (n=31)	6 (8.2)	$t(30) = 4.1$	<.001	.90	<.001
Merged sites					
Tinnitus frequency (n=48)	8.5 (8)	$t(47) = 7.4$	<.001	.93	<.001
HL slope frequency (n=46)	10.3 (10.2)	$t(45) = 6.8$	<.001	.87	<.001
Outside HL frequency (n=47)	8.6 (8.9)	$t(46) = 6.6$	<.001	.95	<.001