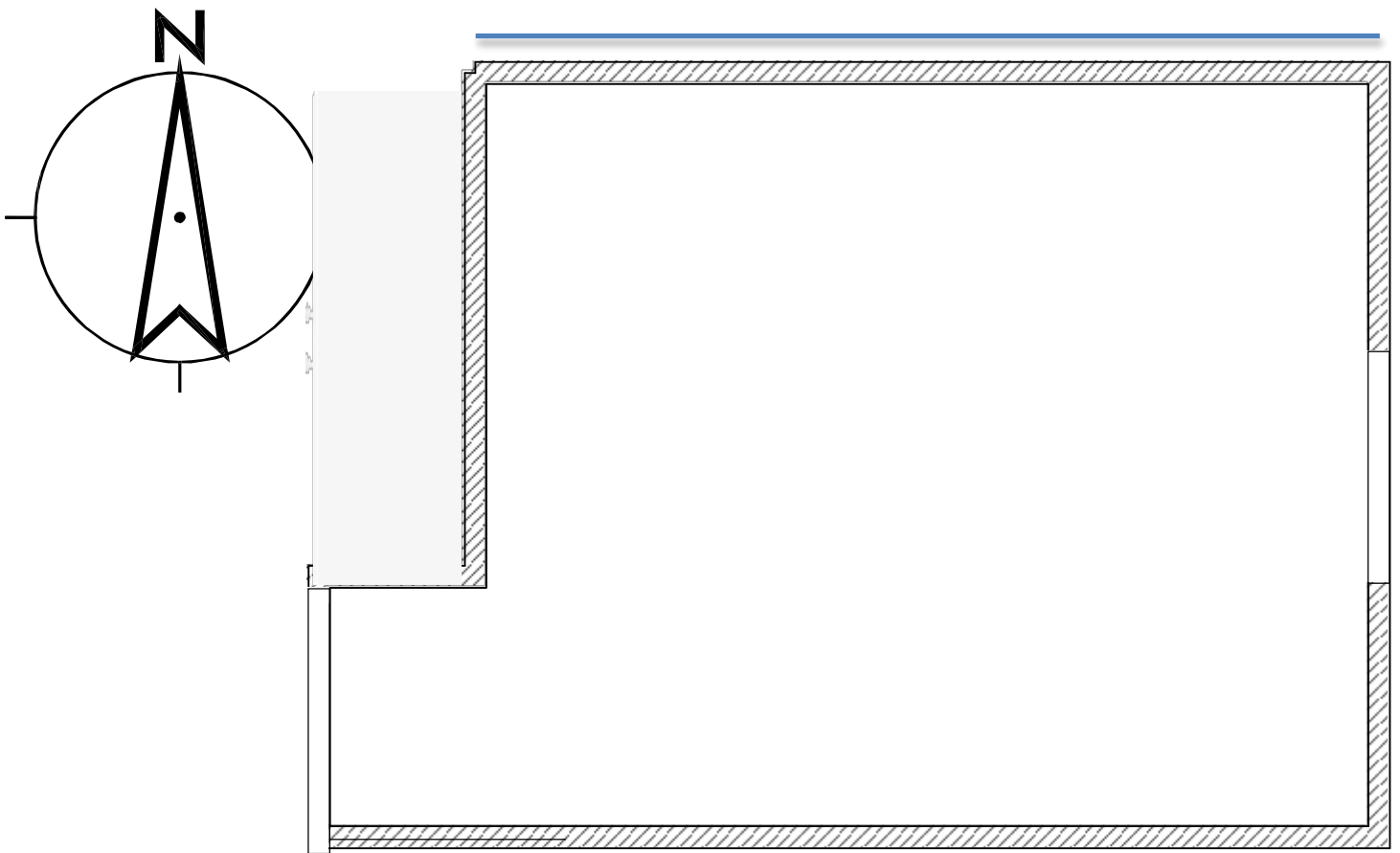


Largo: 3.13 metros hasta el armario, 3.65 metros hasta la puerta.

Ancho: 2.63 metros

Alto: 2.52 metros

La pared de la izquierda realmente no es una pared, es un armario empotrado.
En la pared de la derecha hay una ventana que da al patio exterior.



frequency hz		Spacing %		Wavelength		1/2 Wavelength		1/4 Wavelength	p	q	r	Mode
5.0		6.26	3.13	1.57	1	0	0	Axial				
5.5	16	5.26	2.63	1.31	0	1	0	Axial				
8.3	4	5.04	2.52	1.26	0	0	1	Axial				
5.5	20.1	4.03	2.01	1.01	1	1	0	Tangential				
7.7	2.5	3.93	1.96	0.98	1	0	1	Tangential				
4.6	7.2	3.64	1.82	0.91	0	1	1	Tangential				
09.5	13.6	3.15	1.57	0.79	1	1	1	Oblique				
10.0	0.4	3.13	1.57	0.78	2	0	0	Axial				
28.0	14	2.69	1.35	0.67	2	1	0	Tangential				
29.5	1.1	2.66	1.33	0.66	2	0	1	Tangential				
31.0	1.1	2.63	1.31	0.66	0	2	0	Axial				
36.7	4.1	2.52	1.26	0.63	0	0	2	Axial				
42.0	3.7	2.43	1.21	0.61	1	2	0	Tangential				
45.1	2.1	2.37	1.19	0.59	2	1	1	Oblique				
47.3	1.4	2.34	1.17	0.58	1	0	2	Tangential				
47.7	0.2	2.33	1.17	0.58	0	2	1	Tangential				
51.6	2.5	2.27	1.14	0.57	0	1	2	Tangential				
57.6	3.8	2.19	1.09	0.55	1	2	1	Oblique				
61.2	2.2	2.14	1.07	0.53	1	1	2	Oblique				
65.1	2.3	2.09	1.04	0.52	3	0	0	Axial				
71.1	3.5	2.01	1.01	0.5	2	2	0	Tangential				
75.5	2.5	1.96	0.98	0.49	2	0	2	Tangential				
77.6	1.1	1.94	0.97	0.48	3	1	0	Tangential				
78.6	0.5	1.93	0.96	0.48	3	0	1	Tangential				
84.2	3	1.87	0.93	0.47	2	2	1	Oblique				
87.3	1.6	1.84	0.92	0.46	2	1	2	Oblique				
89.3	1	1.82	0.91	0.45	0	2	2	Tangential				
90.3	0.5	1.81	0.9	0.45	3	1	1	Oblique				
96.4	3.1	1.75	0.88	0.44	0	3	0	Axial				
97.1	0.3	1.75	0.87	0.44	1	2	2	Oblique				
04.0	3.3	1.69	0.84	0.42	1	3	0	Tangential				
05.0	0.4	1.68	0.84	0.42	0	0	3	Axial				
08.0	1.4	1.66	0.83	0.41	0	3	1	Tangential				
10.7	1.2	1.63	0.82	0.41	3	2	0	Tangential				
12.3	0.7	1.62	0.81	0.41	1	0	3	Tangential				
14.3	0.9	1.61	0.8	0.4	3	0	2	Tangential				
15.1	0.3	1.6	0.8	0.4	1	3	1	Oblique				
15.2	0	1.6	0.8	0.4	0	1	3	Tangential				
19.0	1.7	1.57	0.79	0.39	2	2	2	Oblique				
20.1	0.4	1.56	0.78	0.39	4	0	0	Axial				
21.5	0.6	1.55	0.78	0.39	3	2	1	Oblique				
22.1	0.2	1.55	0.78	0.39	1	1	3	Oblique				
24.1	0.8	1.54	0.77	0.38	3	1	2	Oblique				
25.2	0.4	1.53	0.76	0.38	2	3	0	Tangential				
29.6	1.9	1.5	0.75	0.38	4	1	0	Tangential				
30.4	0.3	1.49	0.75	0.37	4	0	1	Tangential				
32.7	0.9	1.48	0.74	0.37	2	0	3	Tangential				
35.3	1.1	1.46	0.73	0.37	2	3	1	Oblique				
39.3	1.6	1.44	0.72	0.36	0	3	2	Tangential				
39.6	0.1	1.44	0.72	0.36	4	1	1	Oblique				
41.7	0.8	1.43	0.71	0.36	2	1	3	Oblique				
43.3	0.6	1.42	0.71	0.35	0	2	3	Tangential				
45.6	0.9	1.4	0.7	0.35	1	3	2	Oblique				
49.4	1.5	1.38	0.69	0.35	1	2	3	Oblique				
51.1	0.6	1.37	0.69	0.34	3	2	2	Oblique				
56.1	1.9	1.34	0.67	0.34	4	2	0	Tangential				
56.6	0.1	1.34	0.67	0.34	3	3	0	Tangential				
59.1	0.9	1.33	0.66	0.33	4	0	2	Tangential				
61.9	1	1.32	0.66	0.33	0	4	0	Axial				
63.2	0.4	1.31	0.65	0.33	3	0	3	Tangential				
63.4	0	1.31	0.65	0.33	2	3	2	Oblique				
65.1	0.6	1.3	0.65	0.32	4	2	1	Oblique				

67.2	0	1.29	0.64	0.32	4	1	2	Oblique
67.6	0.1	1.29	0.64	0.32	1	4	0	Tangential
70.7	1.1	1.27	0.64	0.32	0	4	1	Tangential
71.2	0.1	1.27	0.64	0.32	3	1	3	Oblique
73.4	0.8	1.26	0.63	0.31	0	0	4	Axial
75.1	0.6	1.25	0.63	0.31	5	0	0	Axial
76.2	0.3	1.25	0.62	0.31	1	4	1	Oblique
78.8	0.9	1.24	0.62	0.31	1	0	4	Tangential
81.1	0.8	1.23	0.61	0.31	0	1	4	Tangential
82.8	0.6	1.22	0.61	0.3	5	1	0	Tangential
83.5	0.2	1.21	0.61	0.3	5	0	1	Tangential
83.9	0.1	1.21	0.61	0.3	0	3	3	Tangential

Computed Information:

Room Dimensions: Length=3.12 m, Width=2.62 m, Height=2.52 m

Room Ratio: 1 : 1.04 : 1.24

[Walker BBC 1996:](#)

$1.1w / h < 1 / h < ((4.5w / h) - 4)$: Fail

$l < 3h$ & $w < 3h$: Pass

no integer multiple within 5%: Fail (ratio2 = ratio1 * 1)

[Least Known Ratio:](#)

"2) L. W. Sepmeyer: 1965" 1 : 1.14 : 1.39

T60 (IEC/AEC N 12-A standard): 178 ms

± 50 ms from 200Hz to 3.5kHz = 128 to 228ms

± 100 ms above 3.5kHz = 78 to 278ms

$< +300$ ms at 63hz = 478ms

$300 < RT60 < 600$ ms

T60 (ITU/EBU Control Room Recommended): 146 ms

± 50 ms from 200Hz to 4kHz = 96 to 196ms

$< +300$ ms at 63hz = 446ms

$200 < RT60 < 400$ ms

Absorption to achieve ITU RT60: 245 sabins

Volume: 20 m³

Surface Area Total: 42 m²

Surface Area Floor: 8 m²

Surface Area Ceiling+Floor: 16 m²

Surface Area Front Wall: 6 m²

Surface Area Front and Rear Wall: 12 m²

Surface Area Left Wall: 7 m²

Surface Area Left and Right Wall: 14 m²

Surface Area 4 Walls: 26 m²

Surface Area 4 Walls + floor: 34 m²

sabins - front wall - carpet) / Left+Right+Rear wall: 43 %

sabins - front wall) / Left+Right+Rear wall: 83 %

Schroeder Fc: 158hz

Frequency Regions:

No modal boost: 1hz to 55hz

Room Modes dominate: 55hz to 158hz

Diffraction and Diffusion dominate: 158hz to 632hz

Specular reflections and ray acoustics prevail: 632hz to 20000hz

Count (55-284hz) : Axials=13, Tangentials=56, Obliques=80

Count (55-100hz) : Axials=3, Tangentials=3, Obliques=0

Critical Distance (direct = reverberant field): 3.20m