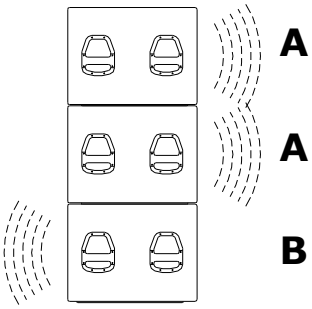
LX-218SLCD

PRESET LIST

Preset	Display Name	Additional info
01	X100 Hz	100 Hz low pass filter
02	X90 Hz	90 Hz low pass filter
03	X80 Hz	80 Hz low pass filter
04	X100 Hz INV	100 Hz low pass filter with inverted polarity
05	X90 Hz INV	90 Hz low pass filter with inverted polarity
06	X80 Hz INV	80 Hz low pass filter with inverted polarity
07	CARD.M1 CAB.B	Cardiod configuration Cabinet B Mode 1
08	CARD.M2 CAB.B	Cardiod configuration Cabinet B Mode 2
09	CARD.M3 CAB.B	Cardiod configuration Cabinet B Mode 3
10	CARD.M4 CAB.B	Cardiod configuration Cabinet B Mode 4
11	CARD.M5 CAB.B	Cardiod configuration Cabinet B Mode 5
12	CARD.M6 CAB.B	Cardiod configuration Cabinet B Mode 6
13	CARD.M7 CAB.B	Cardiod configuration Cabinet B Mode 7

CARDIOID CONFIGURATIONS

Mode 1:



- For A cabinets use preset 1.
- For B cabinets use preset 7.

- With this configuration we obtain around 24 dB of attenuation between 30Hz and 100Hz, and between 1 and 1.5 dB more spl up front.

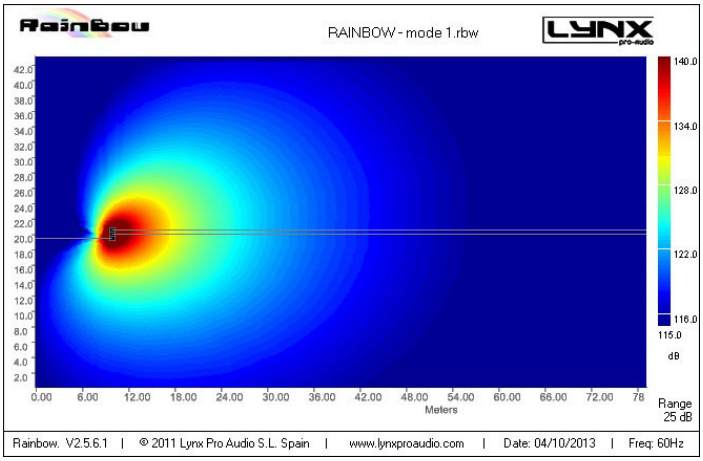


Image 1: Polar response for Mode 1 at 60 Hz

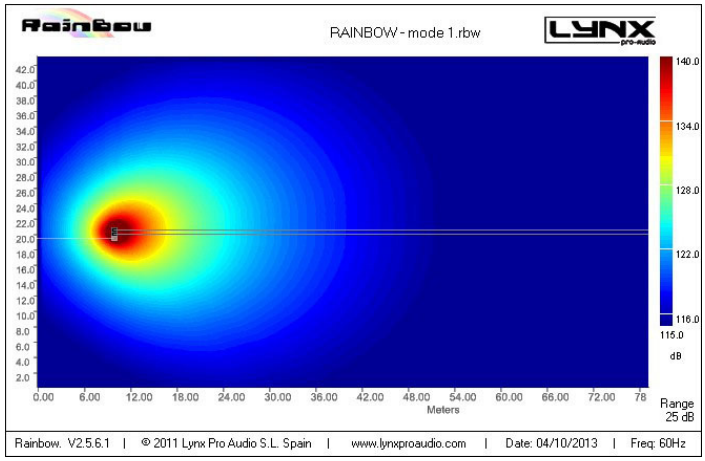
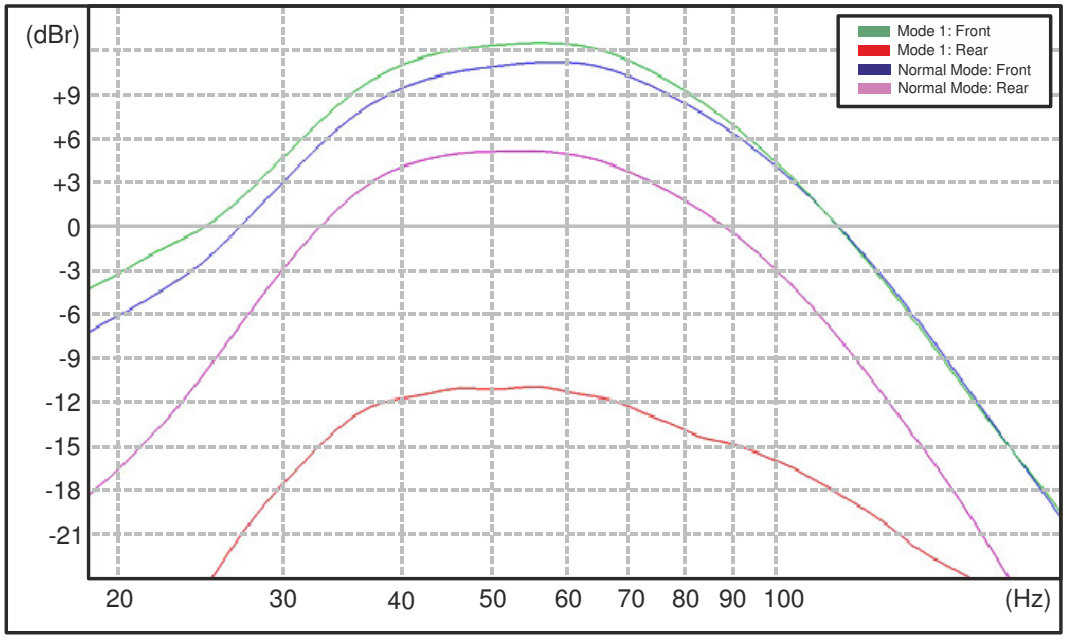
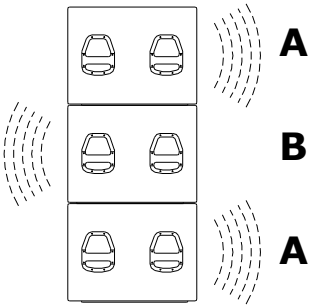


Image 2: Polar response at 60 Hz (2 cabinets)



Graphic 1: Mode 1 vs. Normal Mode

Mode 2:



- For A cabinets use preset 1.
- For B cabinets use preset 8.

- With this configuration we obtain around 24 dB of attenuation between 30Hz and 100Hz, and between 1 and 1.5 dB more spl up front.

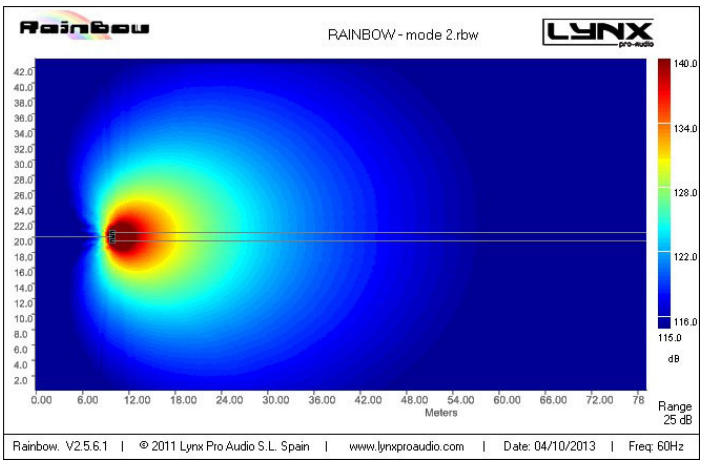


Image 3: Polar response for Mode 2 at 60 Hz

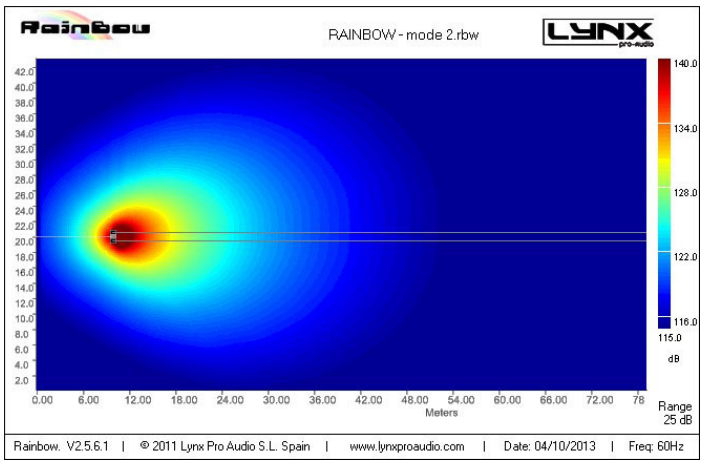
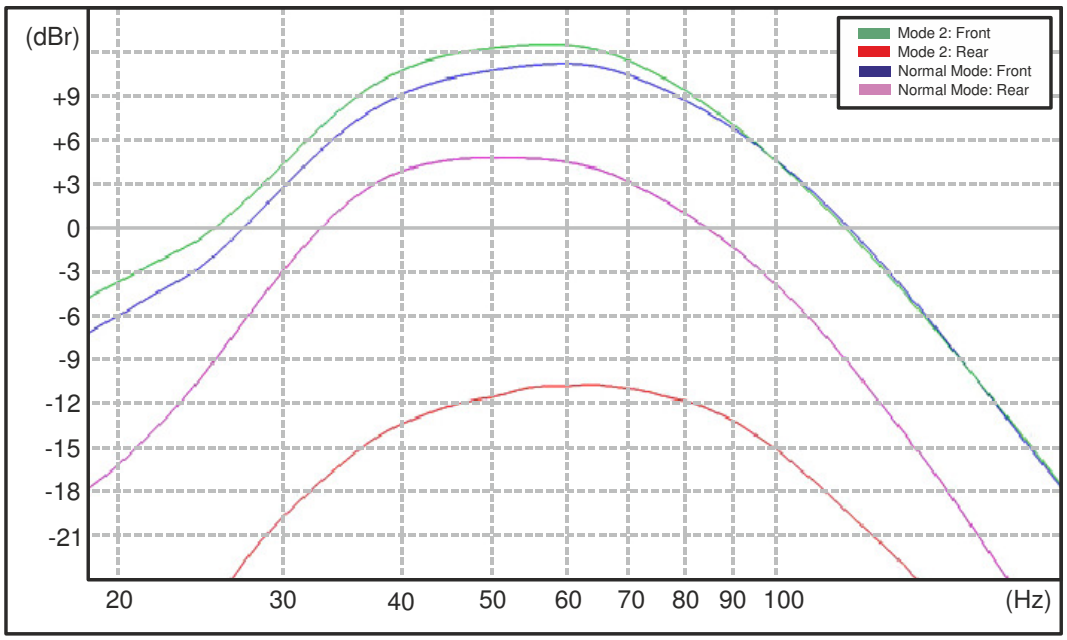
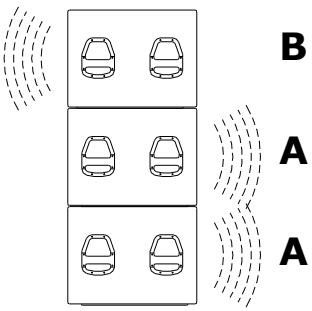


Image 4: Polar response at 60 Hz (2 cabinets)



Graphic 2: Mode 2 vs. Normal Mode

Mode 3:



- For A cabinets use preset 1.
- For B cabinets use preset 9.

- With this configuration we obtain around 23 dB of attenuation between 30Hz and 100Hz, and between 1 and 1.5 dB more spl up front.

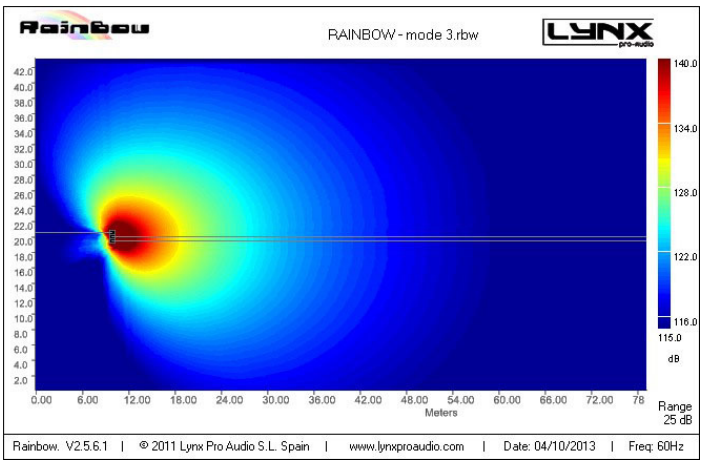


Image 5: Polar response for Mode 3 at 60 Hz

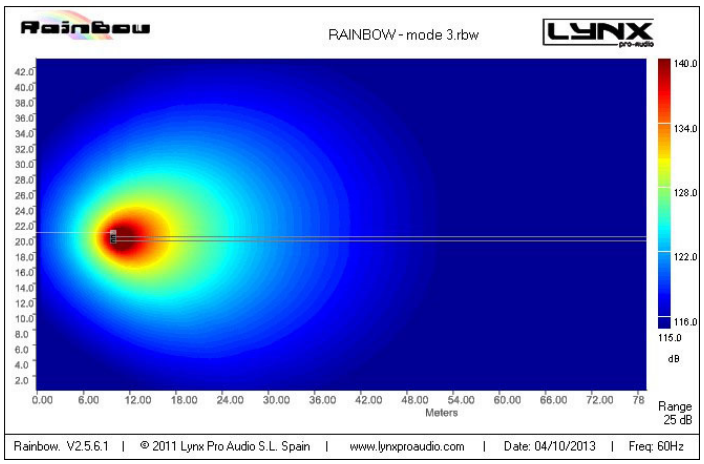
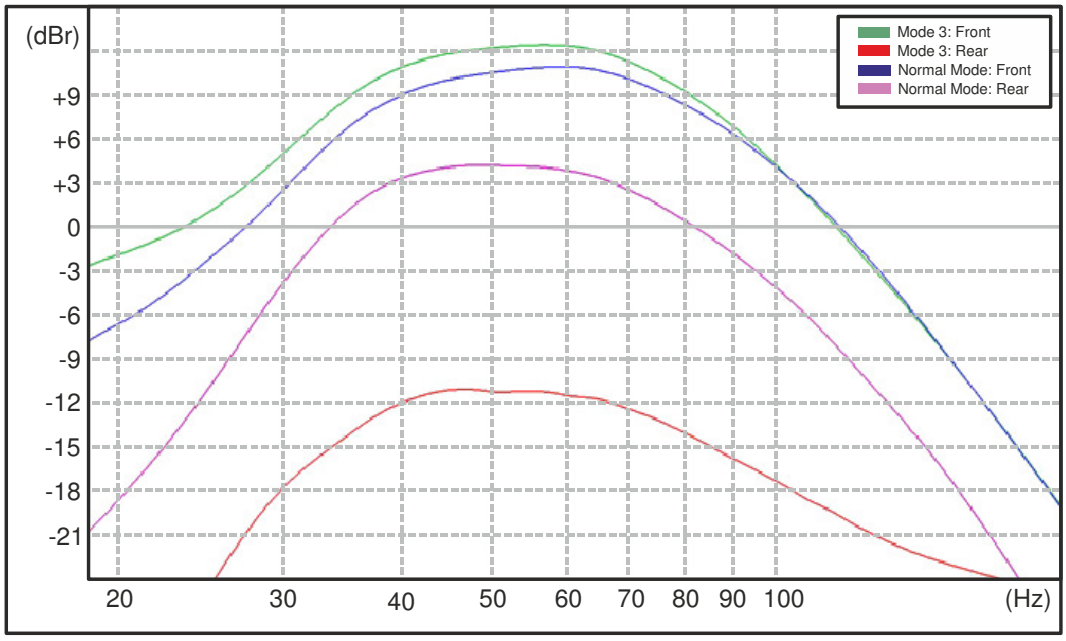
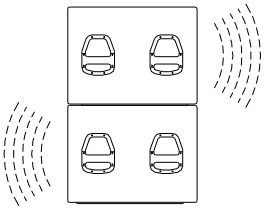


Image 6: Polar response at 60 Hz (2 cabinets)



Graphic 3: Mode 3 vs. Normal Mode

Mode 4:



A - For A cabinets use preset 1.
- For B cabinets use preset 10.

B - With this configuration we obtain around 23 dB of attenuation between 30Hz and 100Hz, and between 1 and 1.5 dB more spl up front.

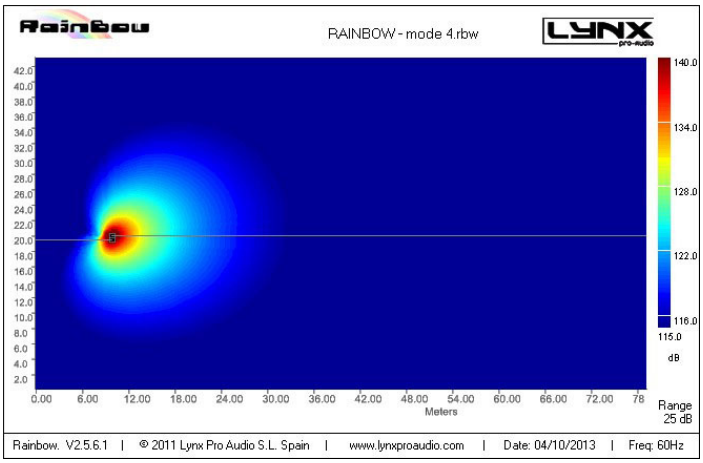


Image 7: Polar response for Mode 4 at 60 Hz

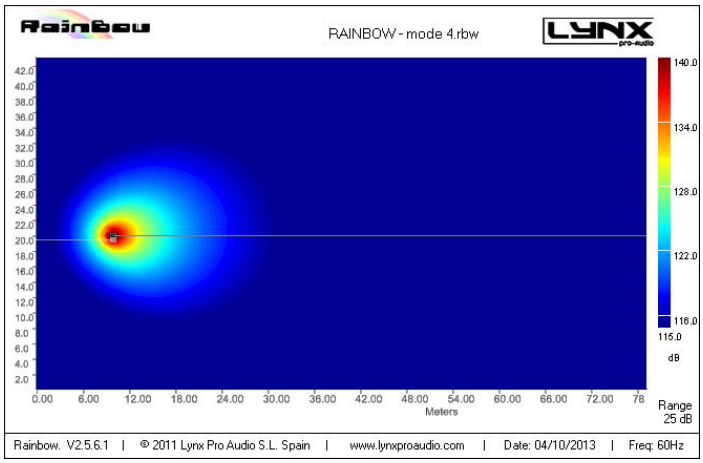
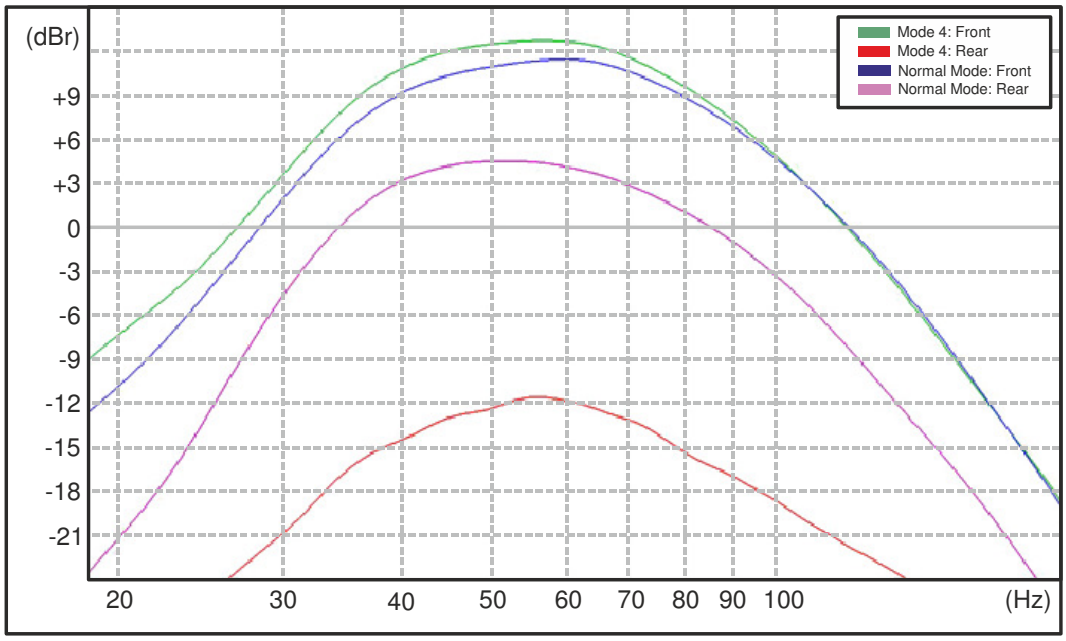
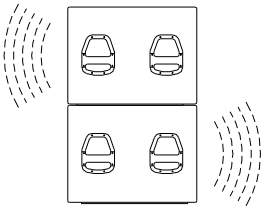


Image 8: Polar response at 60 Hz (2 cabinets)



Graphic 4: Mode 4 vs. Normal Mode

Mode 5:



B

A

- For A cabinets use preset 1.
- For B cabinets use preset 11.

- With this configuration we obtain around 23 dB of attenuation between 30Hz and 100Hz, and between 1 and 1.5 dB more spl up front.

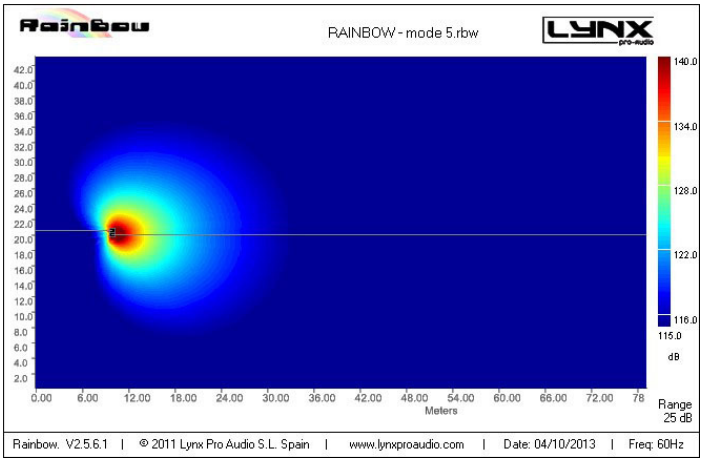


Image 9: Polar response for Mode 5 at 60 Hz

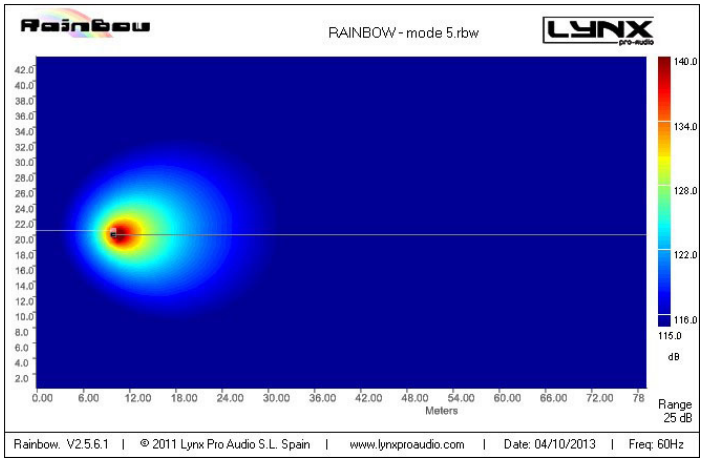
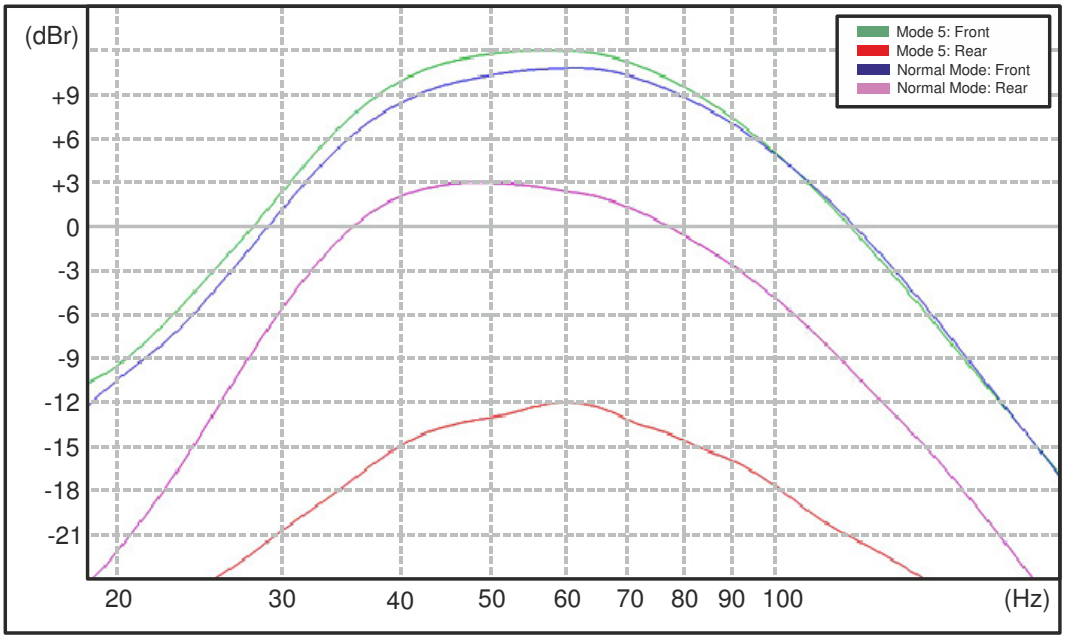
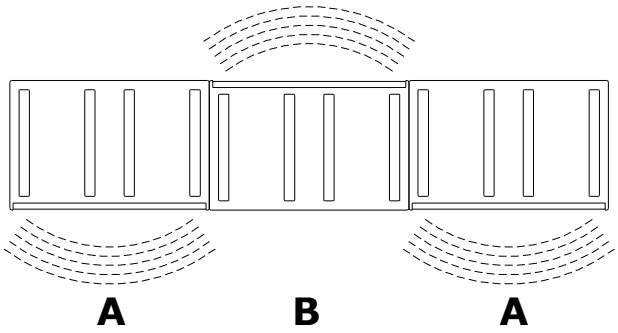


Image 10: Polar response at 60 Hz (1 cabinet)



Graphic 5: Mode 5 vs. Normal Mode

Mode 6:



- For A cabinets use preset 1.
- For B cabinets use preset 12.

- With this configuration we obtain around 24 dB of attenuation between 30Hz and 100Hz, and between 1 and 1.5 dB more spl up front.

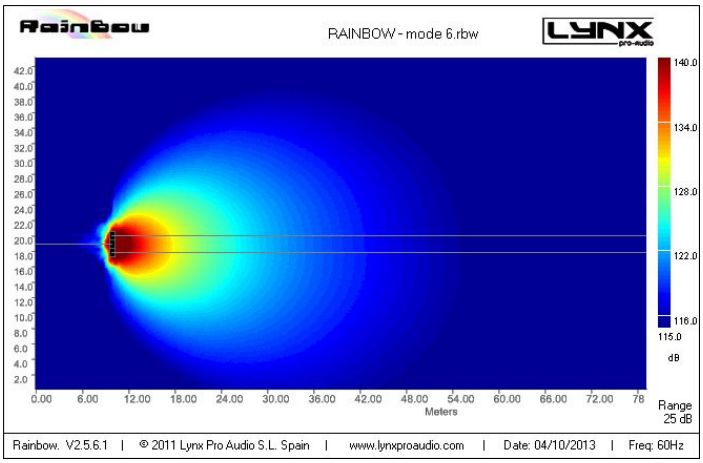


Image 11: Polar response for Mode 6 at 60 Hz

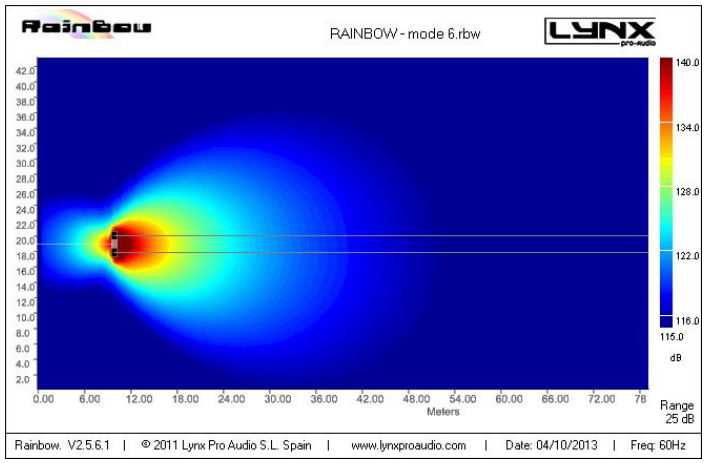
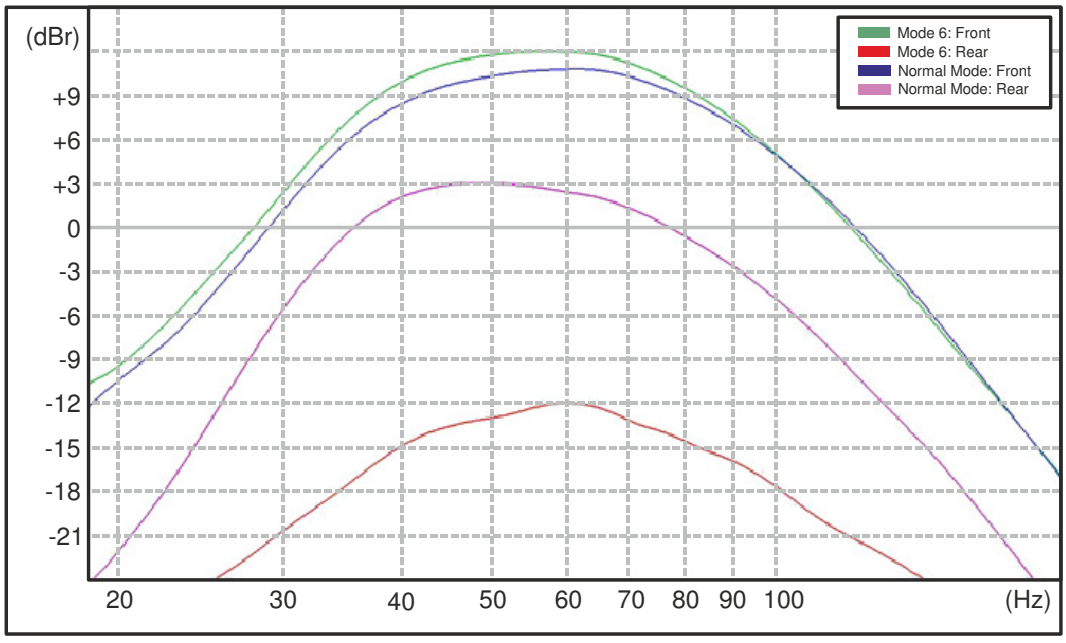
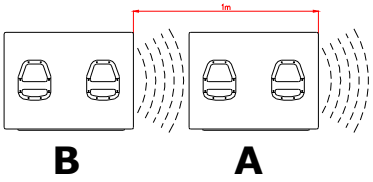


Image 12: Polar response at 60 Hz (2 cabinets)



Graphic 6: Mode 6 vs. Normal Mode

Mode 7:



- For A cabinets use preset 1.
- For B cabinets use preset 13.

- With this configuration we obtain between 15 and 28 dB of attenuation from 30Hz to 100Hz, and between 1 and 2 dB more spl up front.

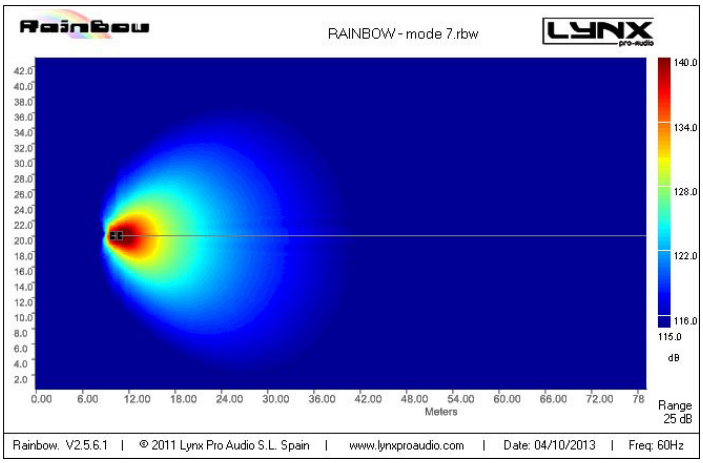


Image 13: Polar response for Mode 7 at 60 Hz

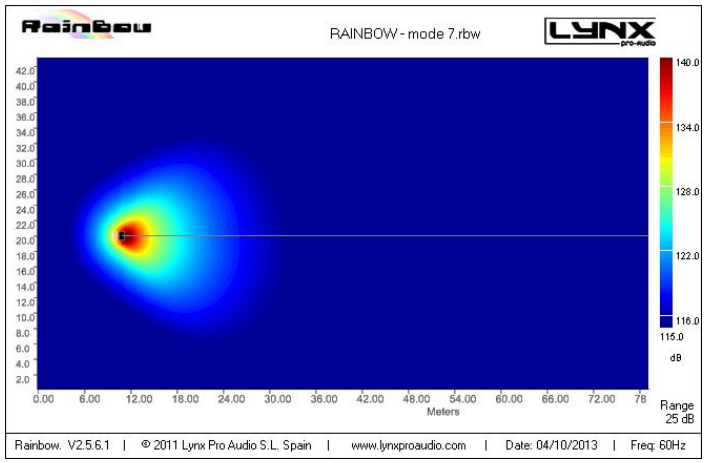
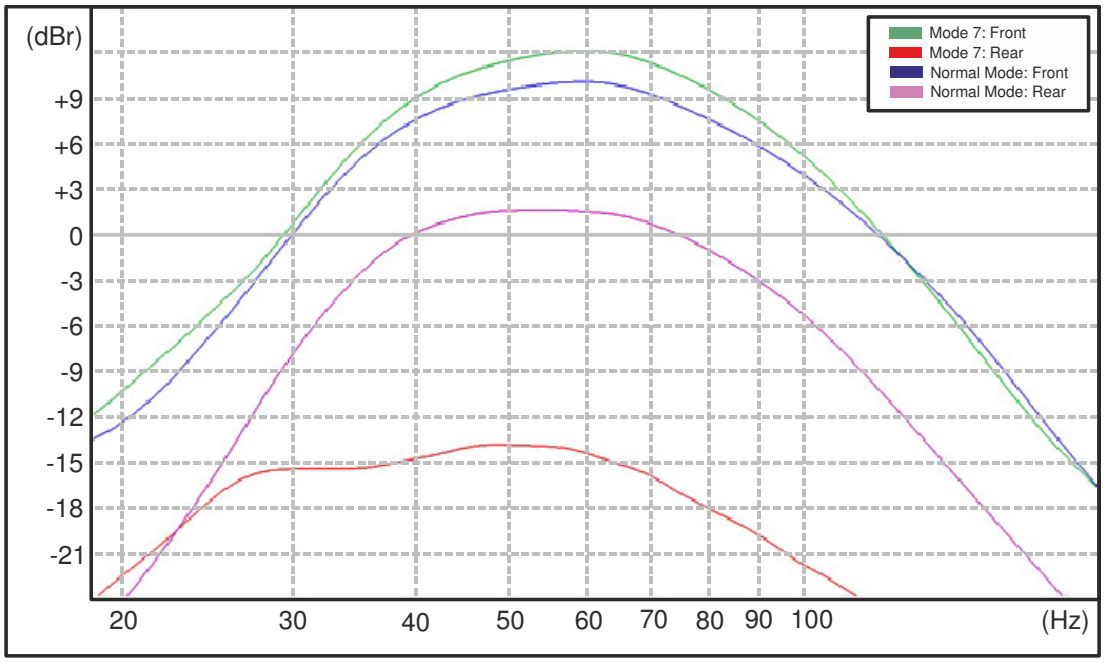


Image 14: Polar response at 60 Hz (1 cabinet)



Graphic 7: Mode 7 vs. Normal Mode

NOTES:

- All measurements have been taken in the open air.
- In a closed room the response can vary depending on distance between walls, ceiling etc.
- The graphs are shown in relative dB measurements.
- The polar responses are shown in dB spl obtained from acoustic prediction.