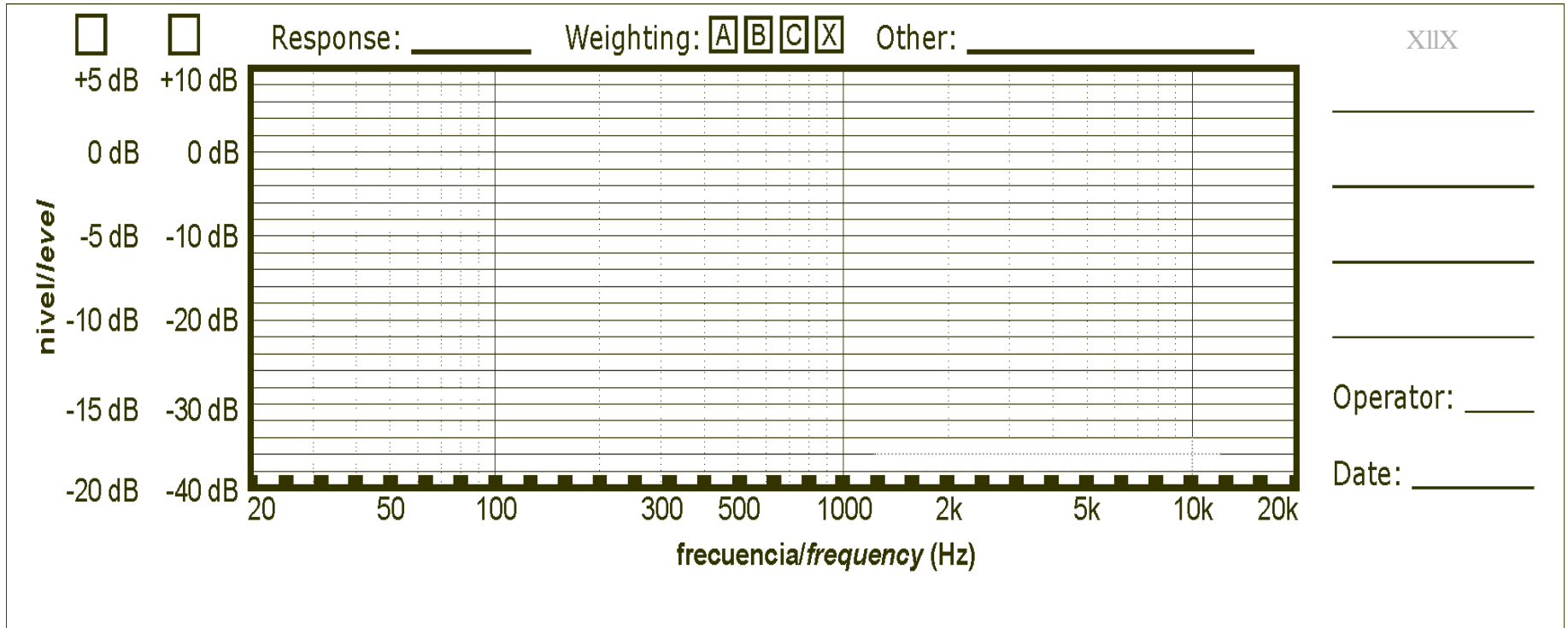


altofalantes (dous)

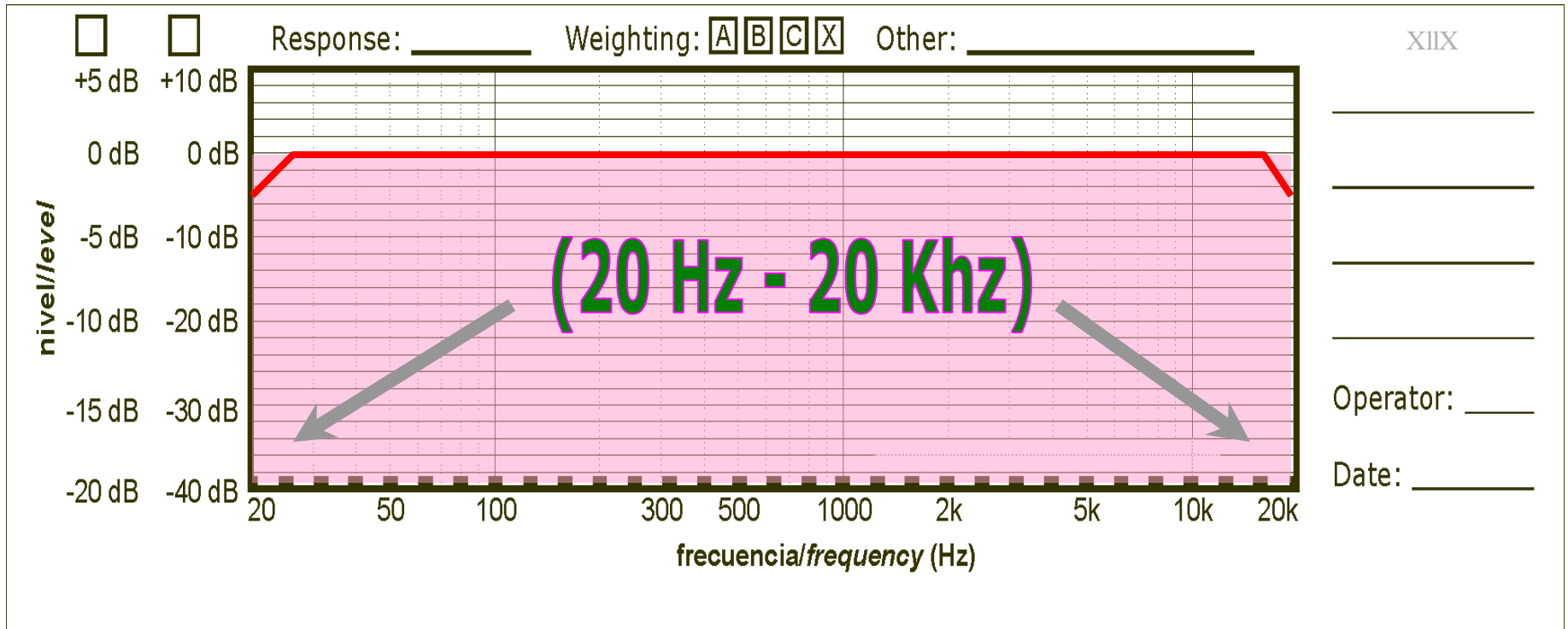


según a frecuencia

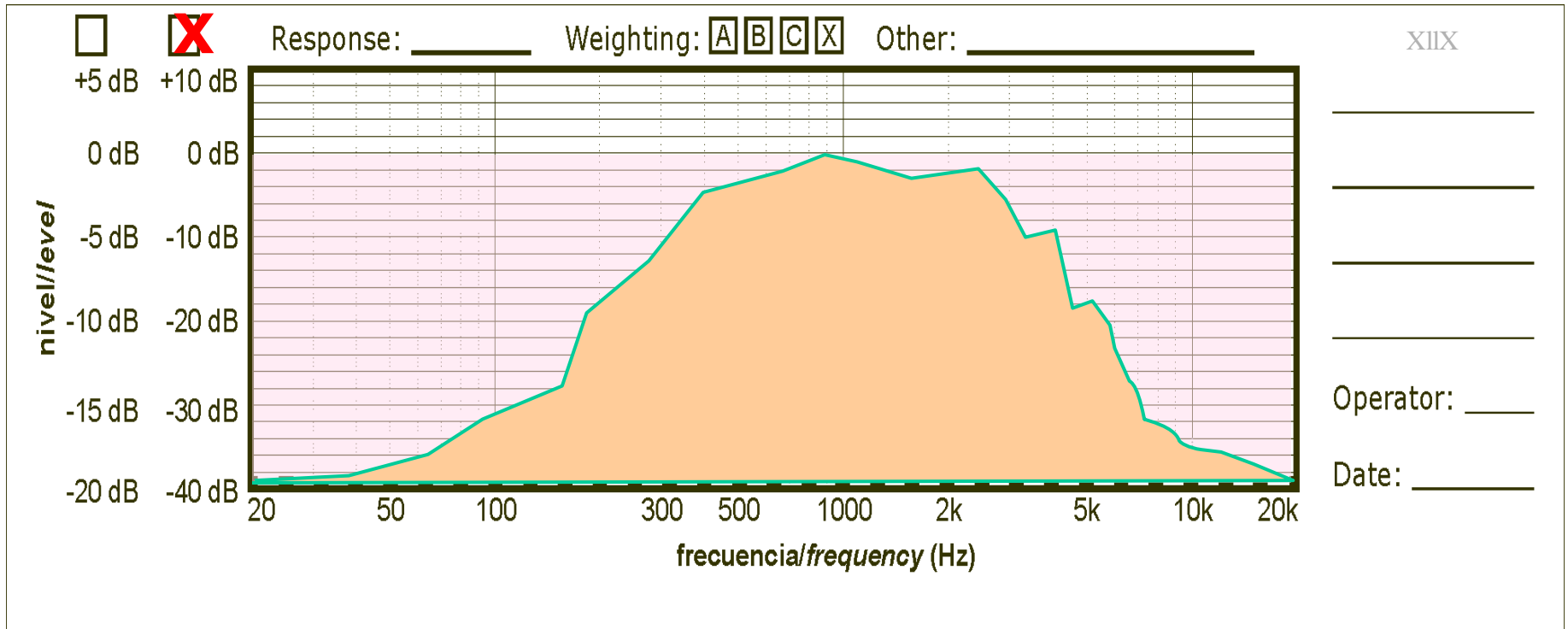
gráfica normalizada



resposta a conseguir

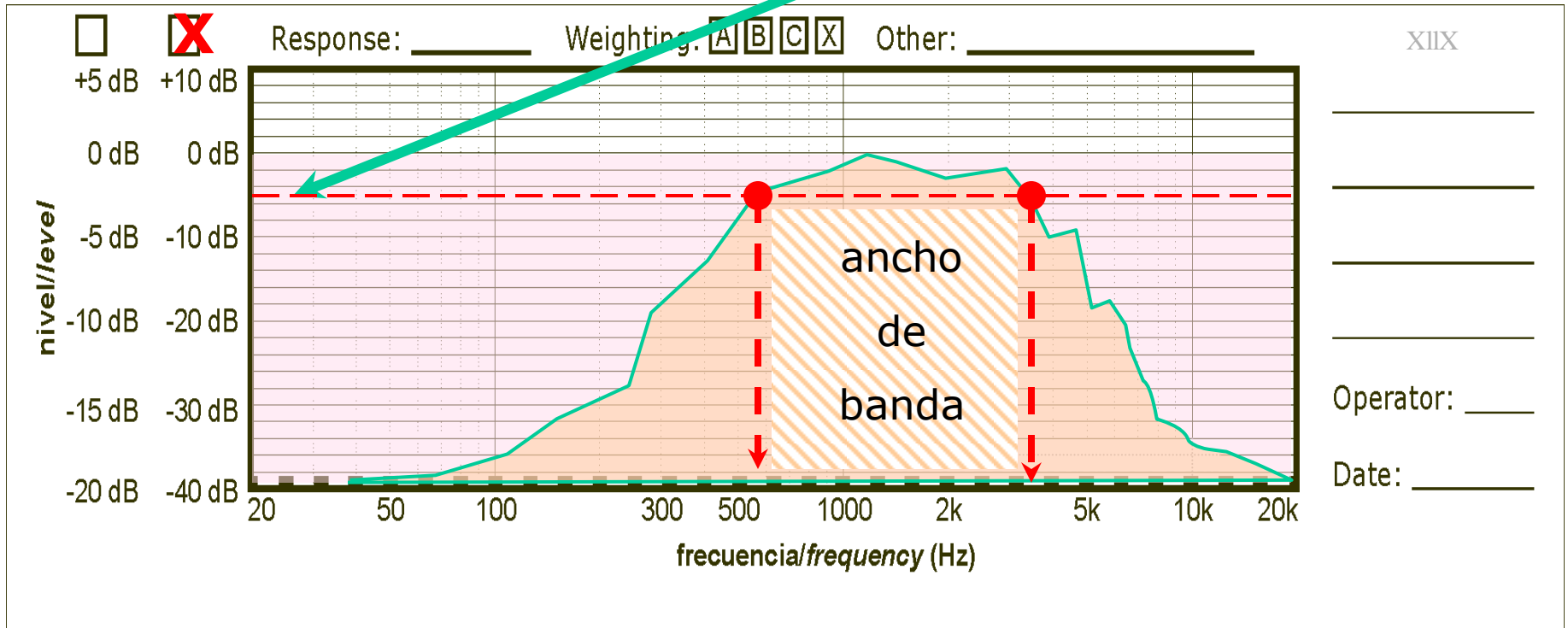


resposta aproximada dun altofalante



respuesta **útil** dun altofalante

-6dB



clasificación dos altofalantes según o seu ancho de banda



toda gama
(rango completo)
(todo rango)
"full range"



altofalantes
adicados

altofalantes toda gama



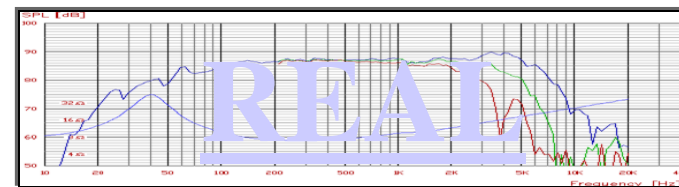
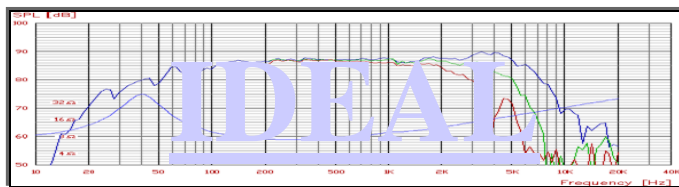
Tratan de reproducir a maior parte da banda

Diámetros da membrana

12", 10", 8", 6", 5", 4"

6x9"

Non confundir cos altavoces "coaxiais"



altofalantes adicados

Ultra-High Tweeters

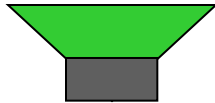


Tweeters

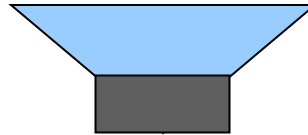


Frecuencias
altas

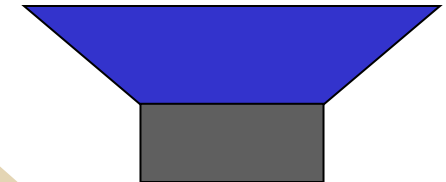
Mid-range



Woofers



Sub-Woofers

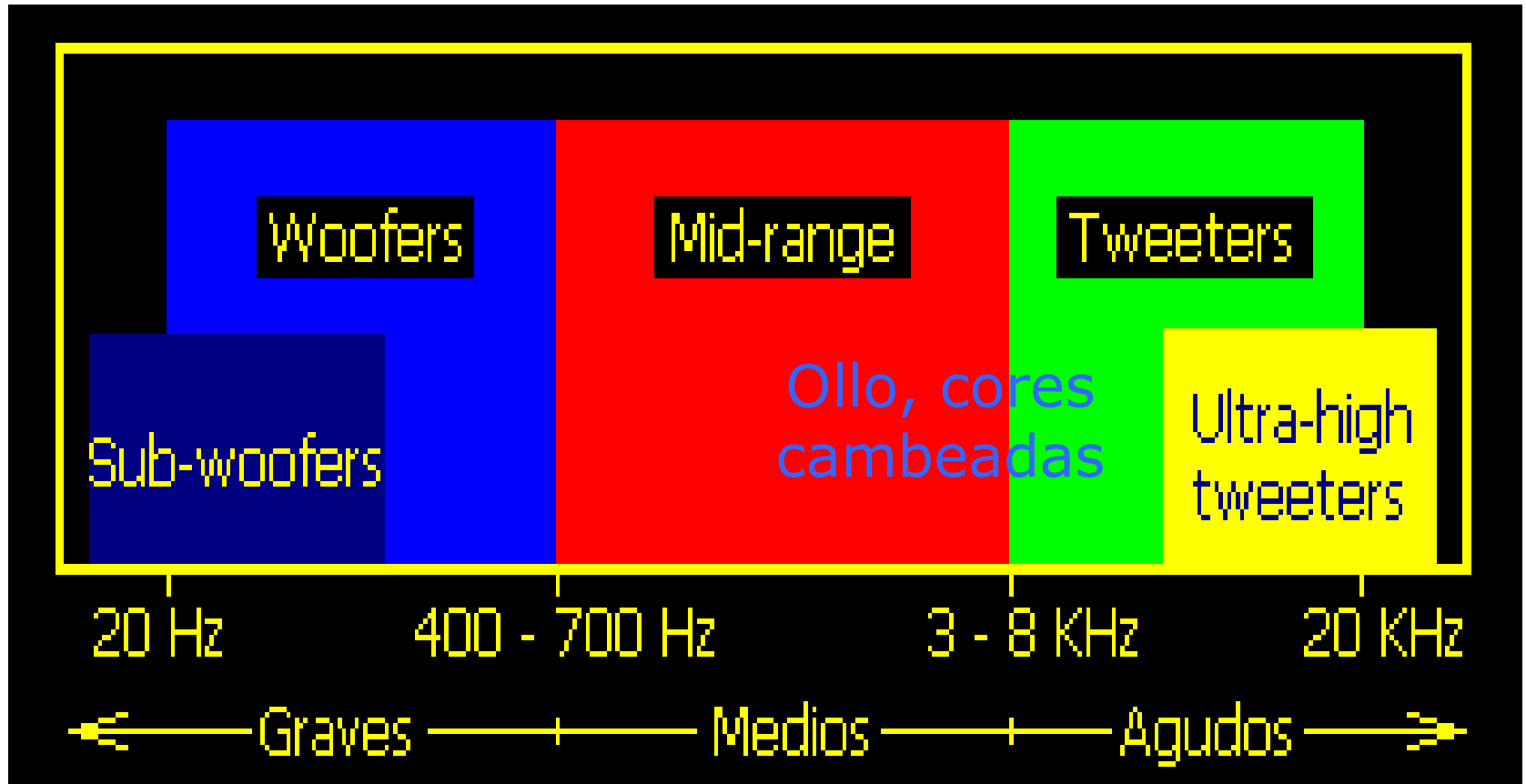


Reproducen somentes
unha parte da banda

Clasifícanse en:

Frecuencias
baixas

distribución de frecuencias



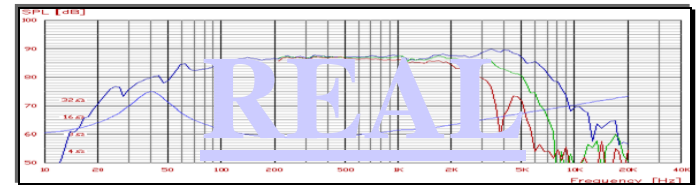
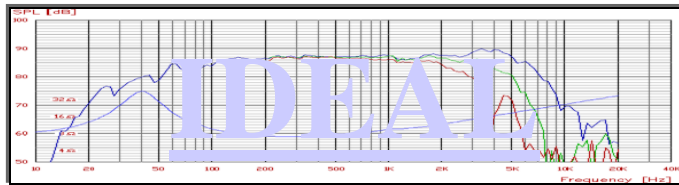
altofalantes "sub woofer"



Reproducen a banda de sub-graves

>15Hz <1Khz

34", 21", 18"
15", 12", 10"
8", 6"



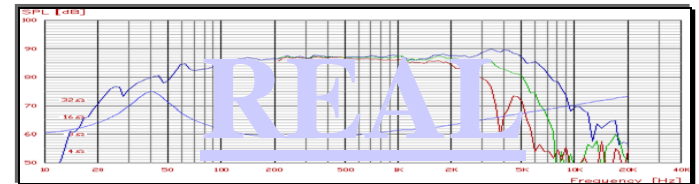
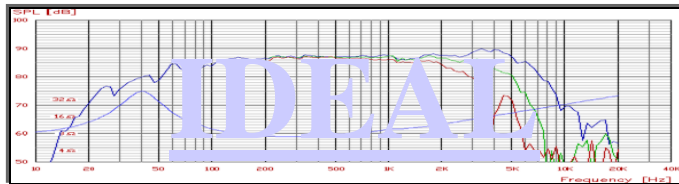
altofalantes "woofer"



Reproducen
a banda de
graves

>20Hz <2Khz

10"
8", 6"
4"



altofalantes " mid-range"



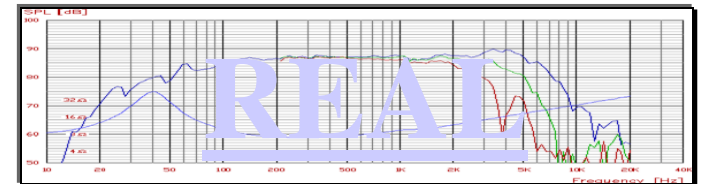
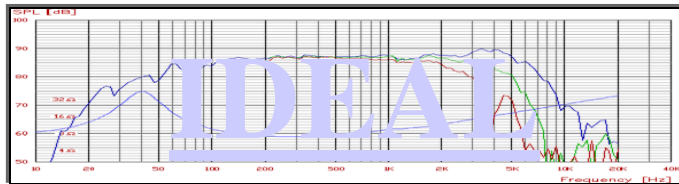
Reproducen
a banda de
medios

>100Hz <8Khz

5"

4"

3", 2"



altofalantes " tweeter"



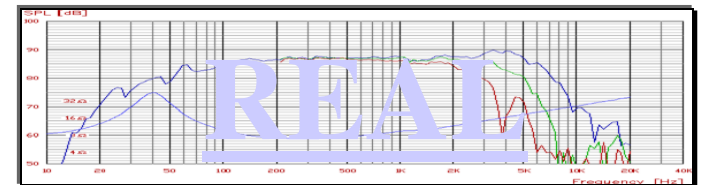
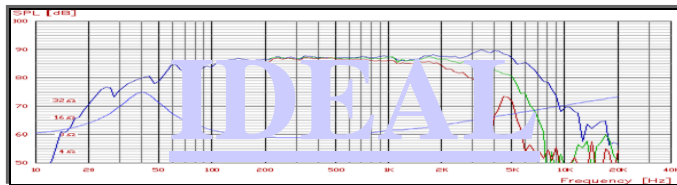
Reproducen
a banda de
agudos

>1Kh <20Khz

2"

1,5"

1"

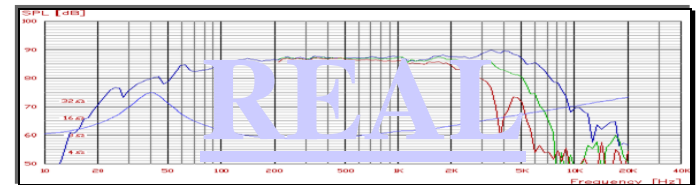
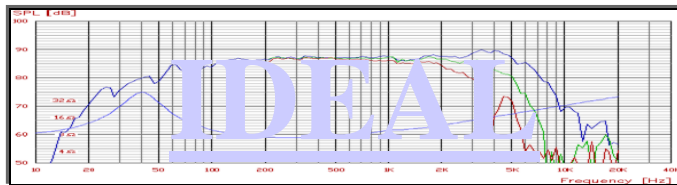


altofalantes " ultra-tweeter"



Reproducen a banda alta dos agudos

>10Kh <25Khz



altofalantes coaxiais



Un woofer
máis un
tweeter no
mesmo
cesto

Altofalante
PRO

altofalantes " coaxiais"



Um woofer
máis un
tweeter no
mesmo
cesto
(+ filtro)

Altofalante
CAR AUDIO

Non é un altofalante é un sistema

Altosfalantes 6x9 "coaxiais"



Un woofer máis un tweeter + filtro no mesmo cesto = 2 vías

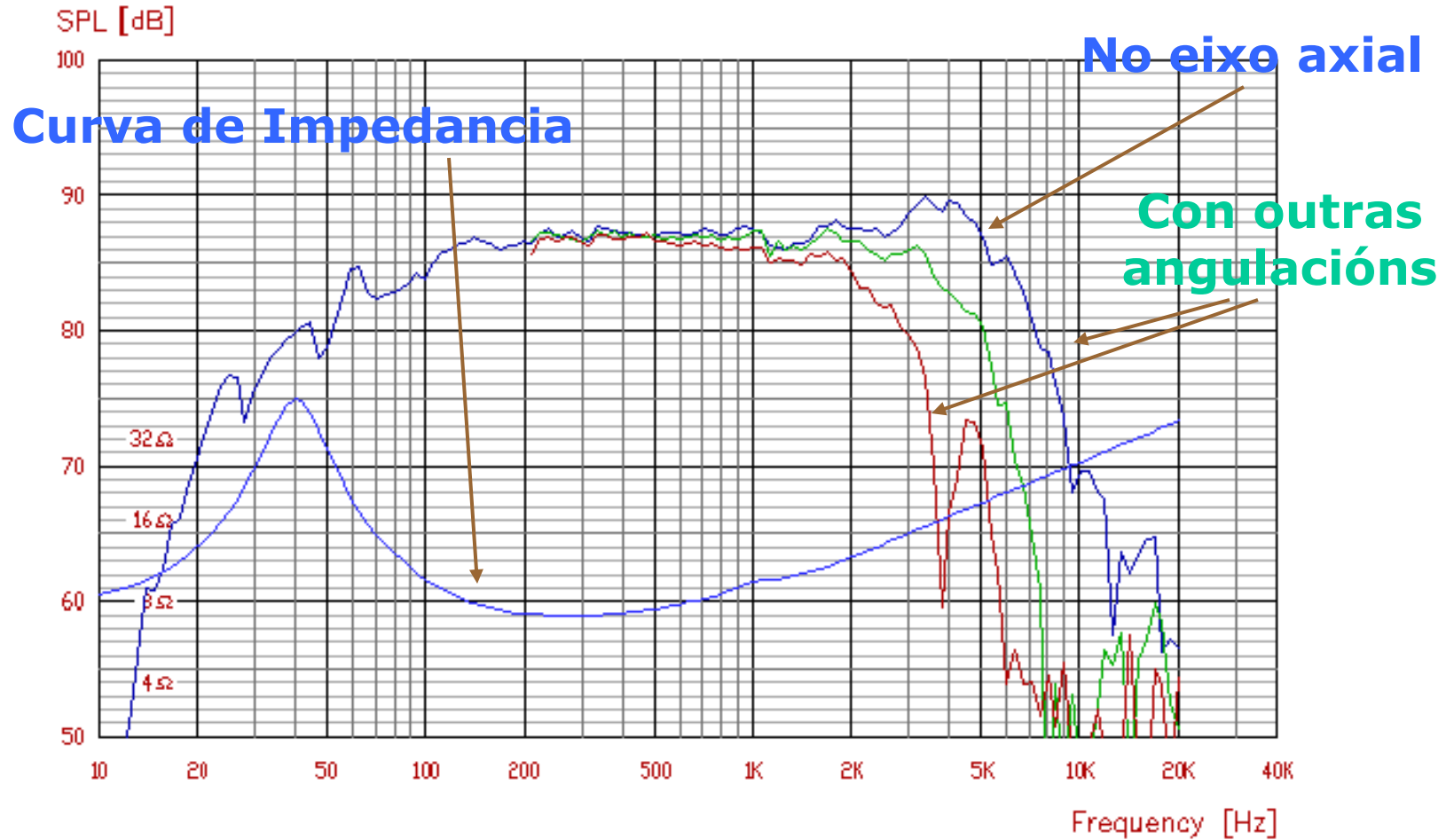
Woofer + squawker + tweeter + filtro no mesmo cesto = 3 vías



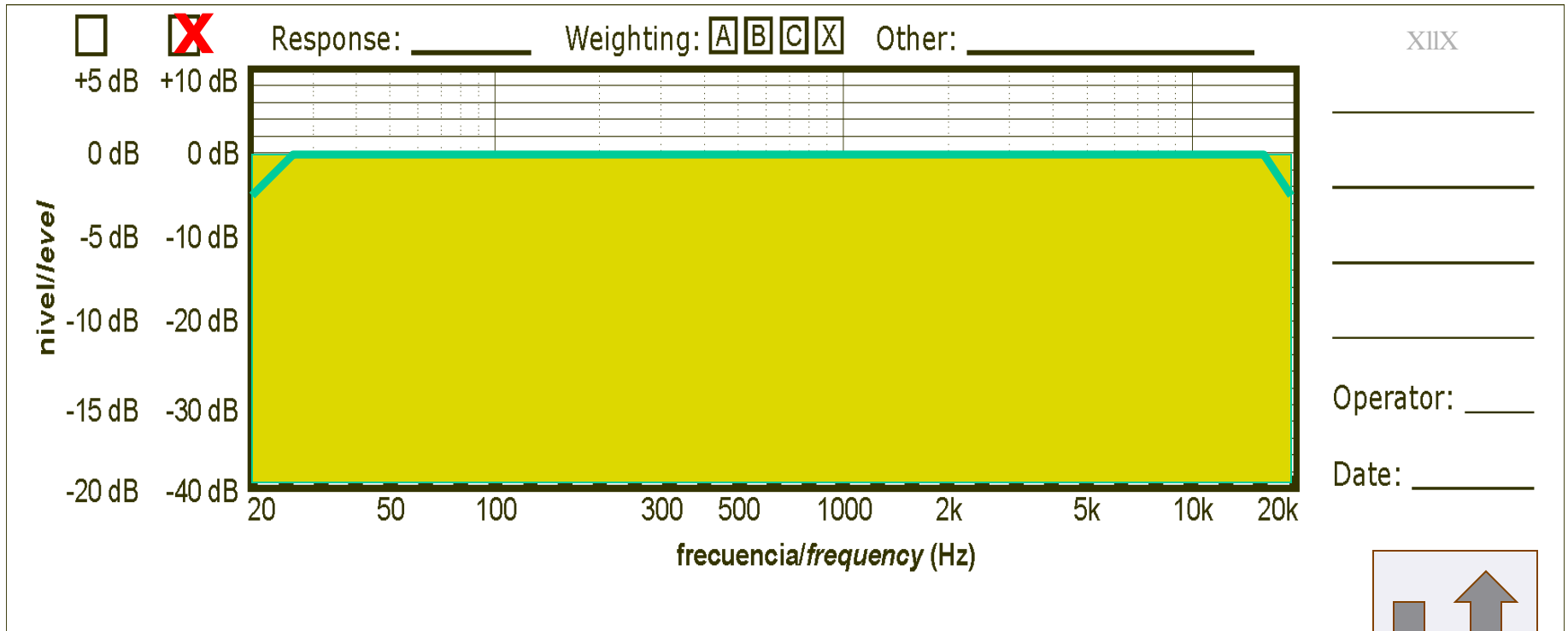
Específico de
CAR AUDIO

Non é un altosfalante é un sistema

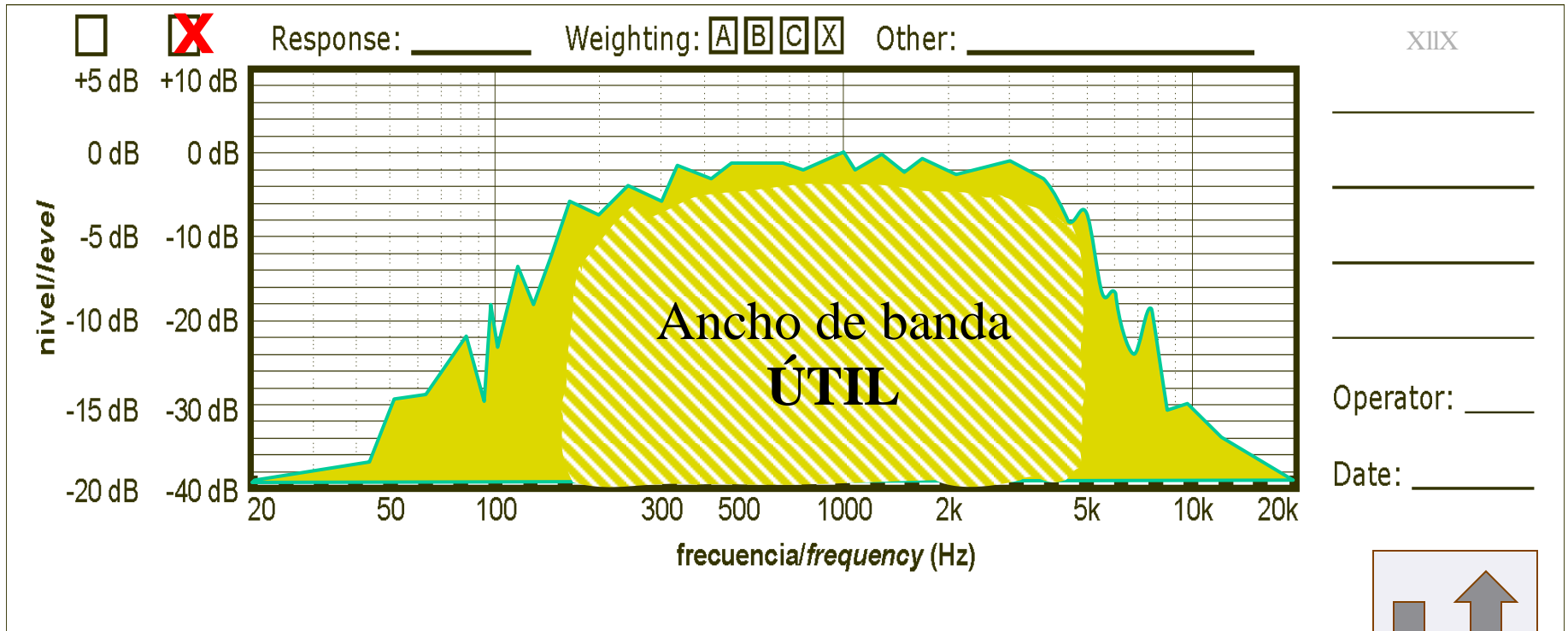
resposta industrial



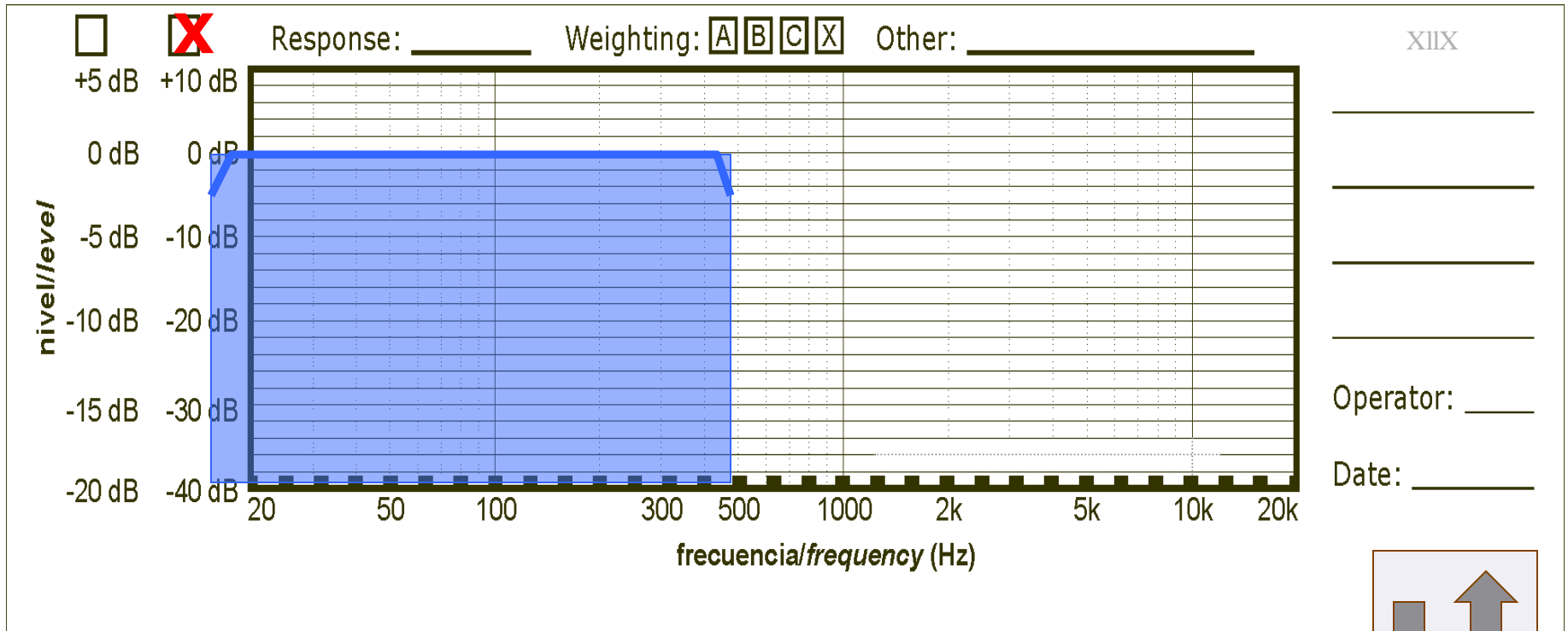
resposta ideal "toda gama"



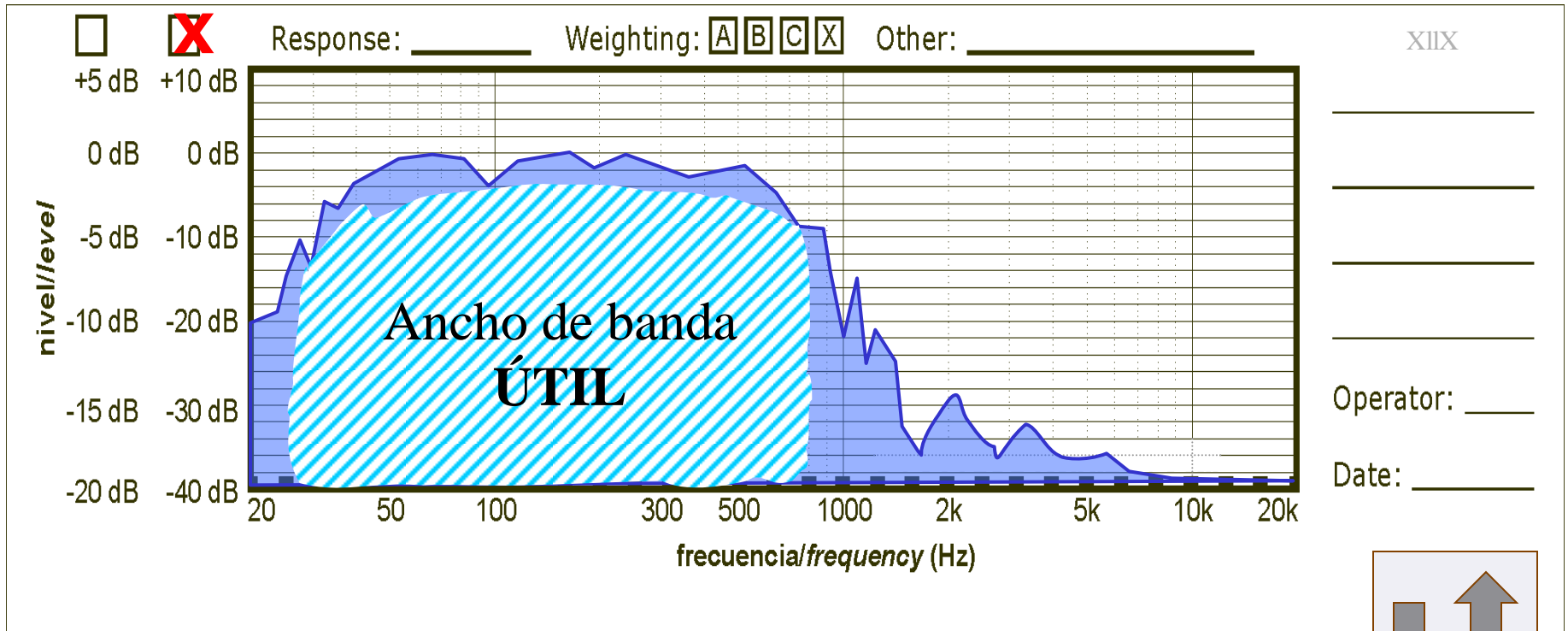
respuesta real "toda gama"



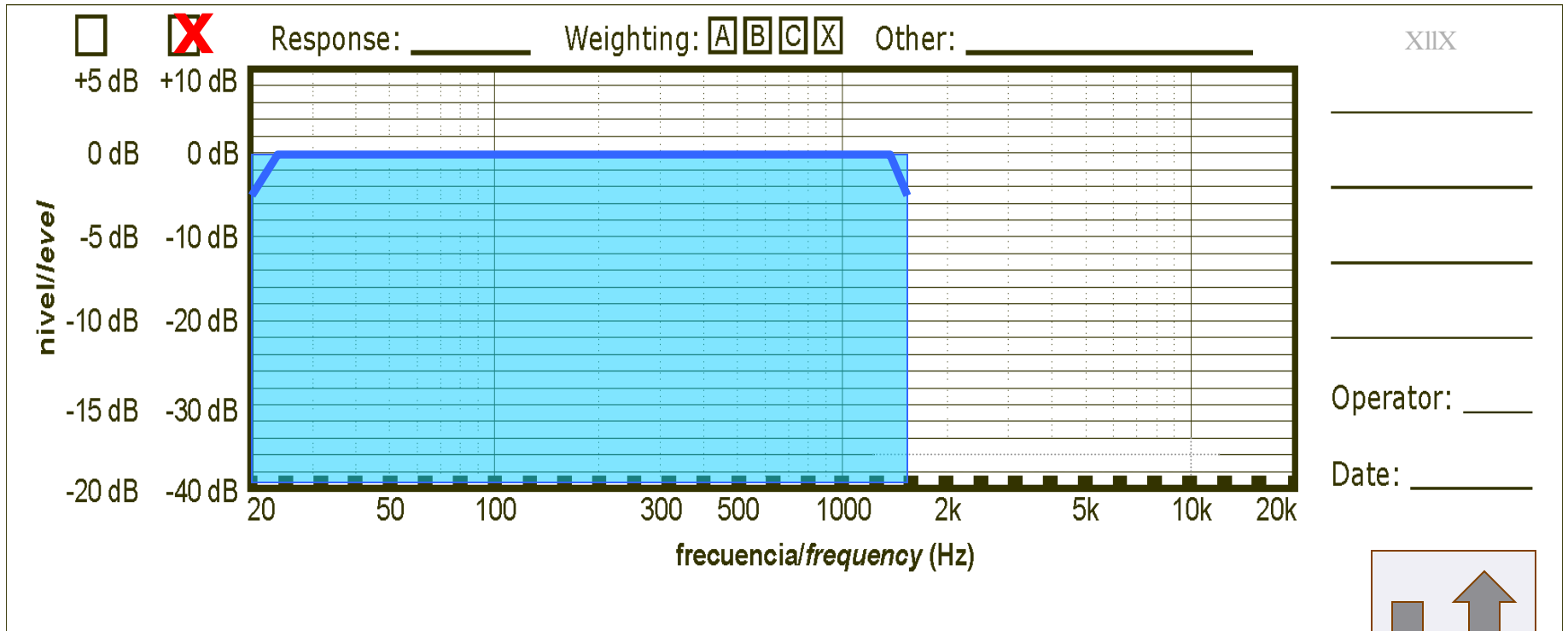
resposta ideal "sub-woofer"



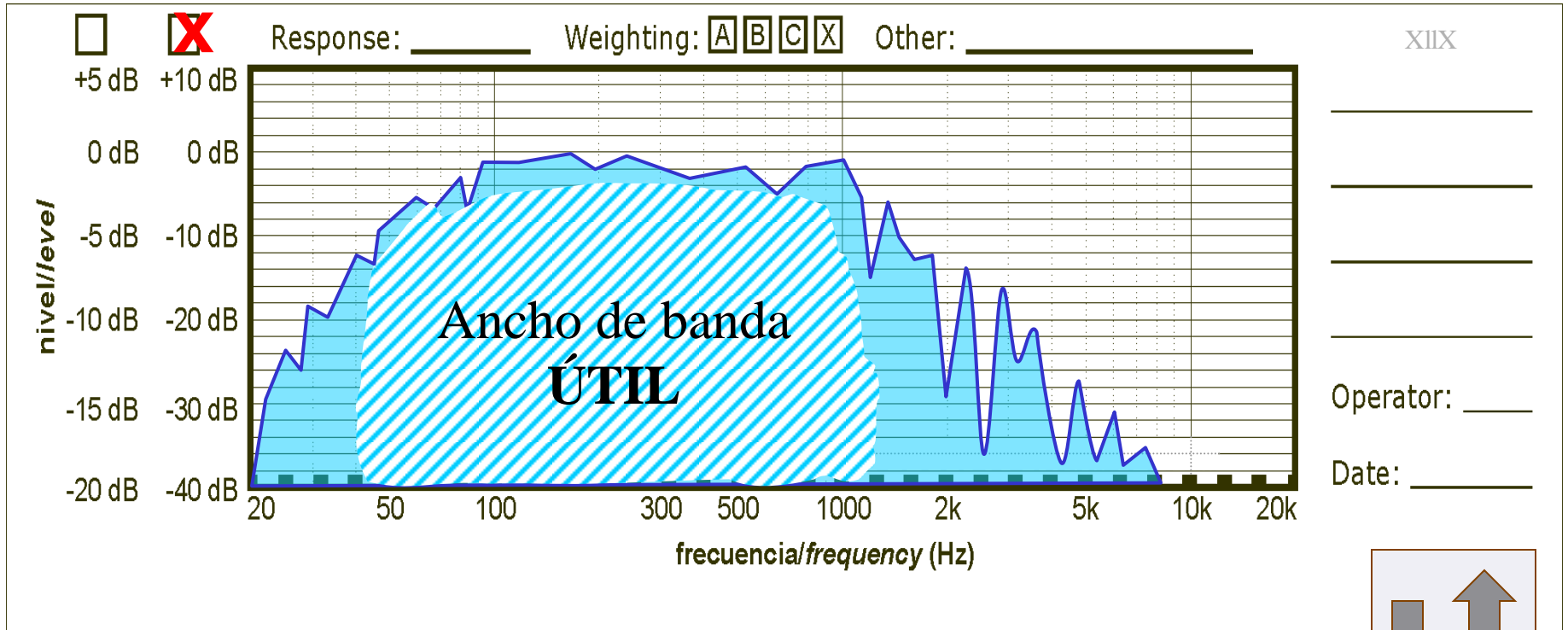
resposta real "sub-woofer"



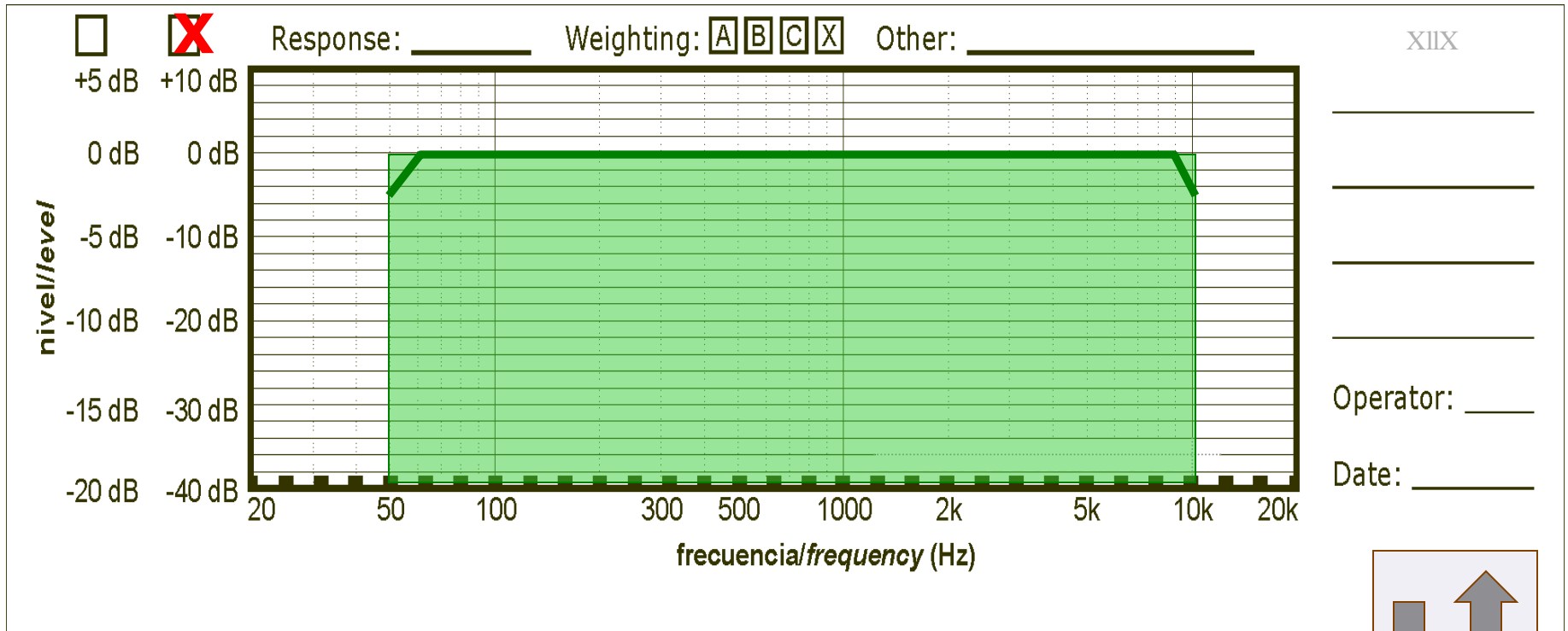
resposta ideal "woofer"



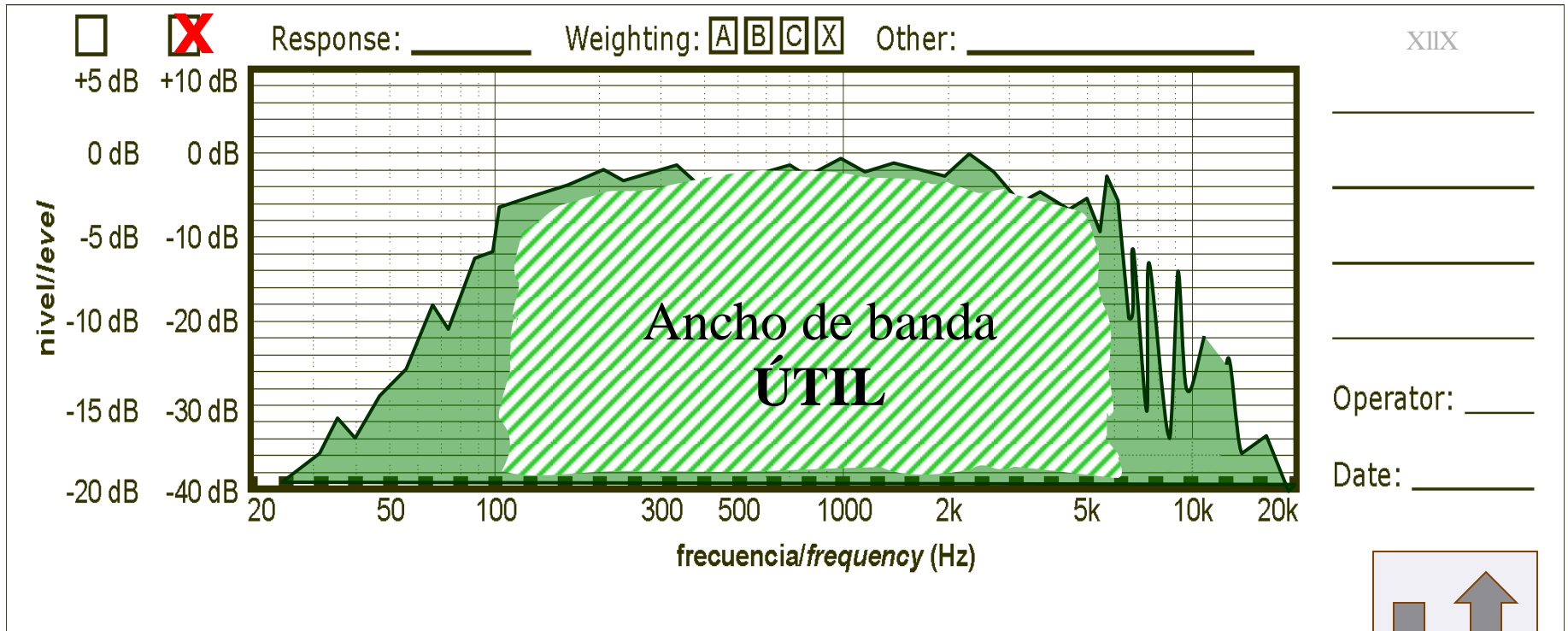
respuesta real "woofer"



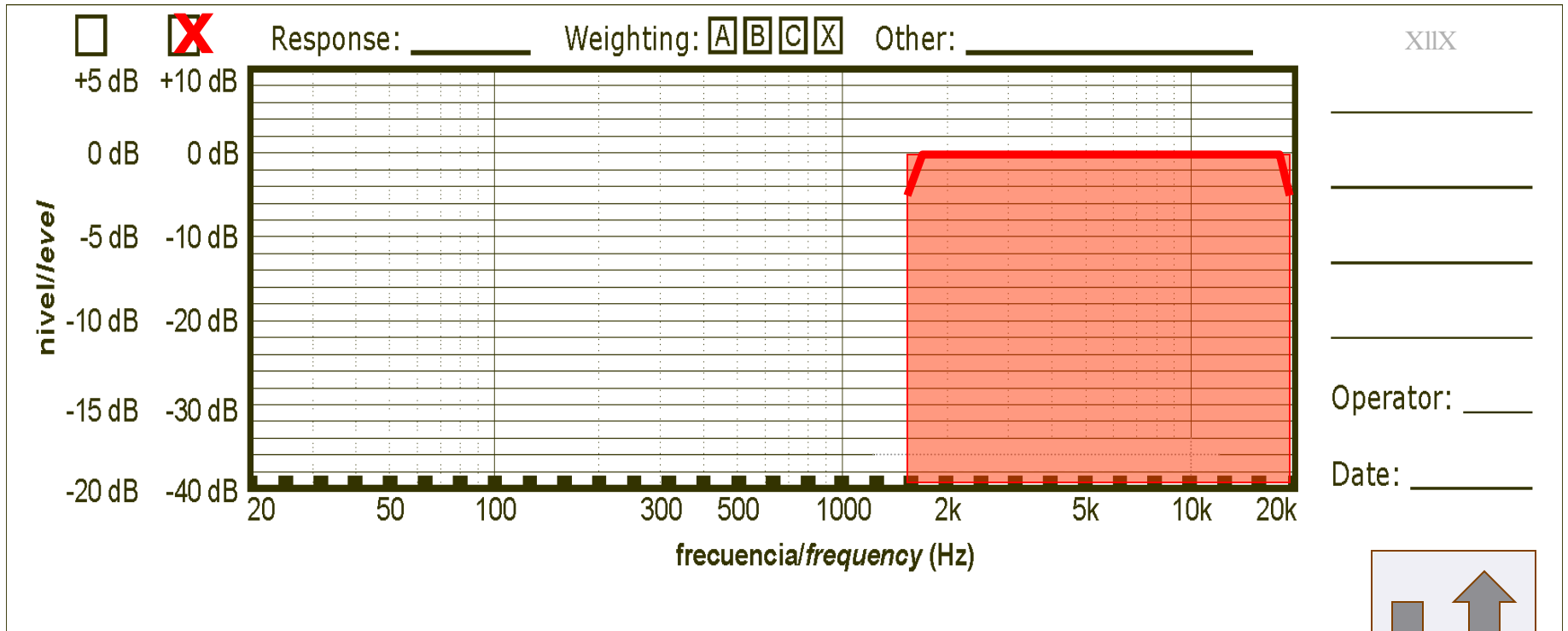
resposta ideal "mid-range"



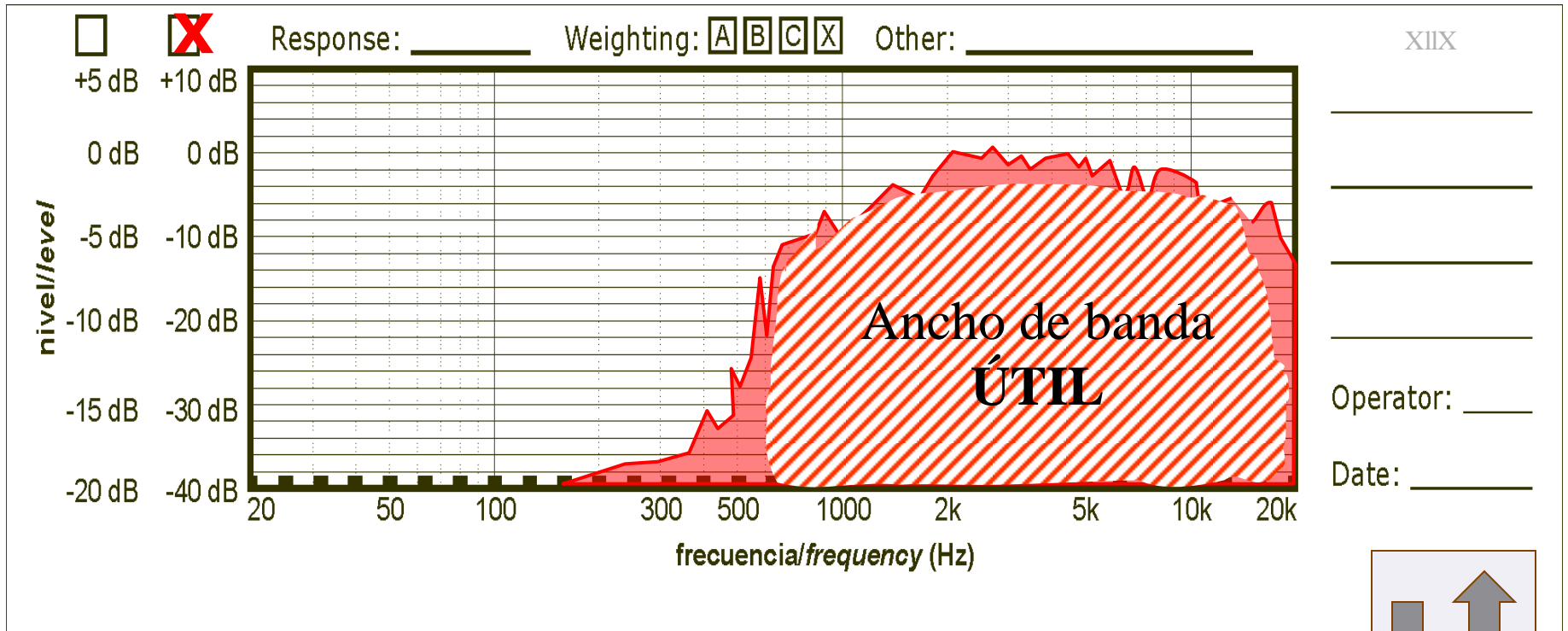
respuesta real "mid-range"



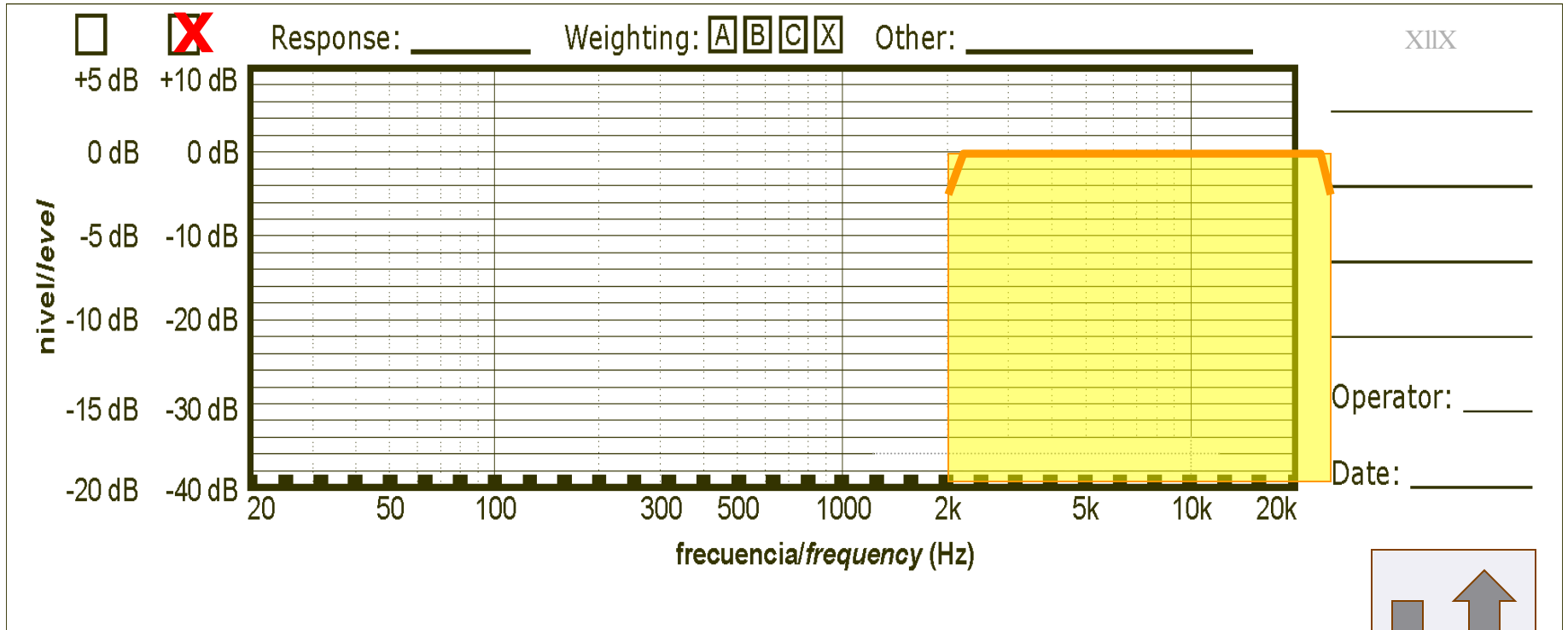
resposta ideal "tweeter"



respuesta real "tweeter"



resposta ideal "ultra-tweeter"



resposta real "ultra-tweeter"

