



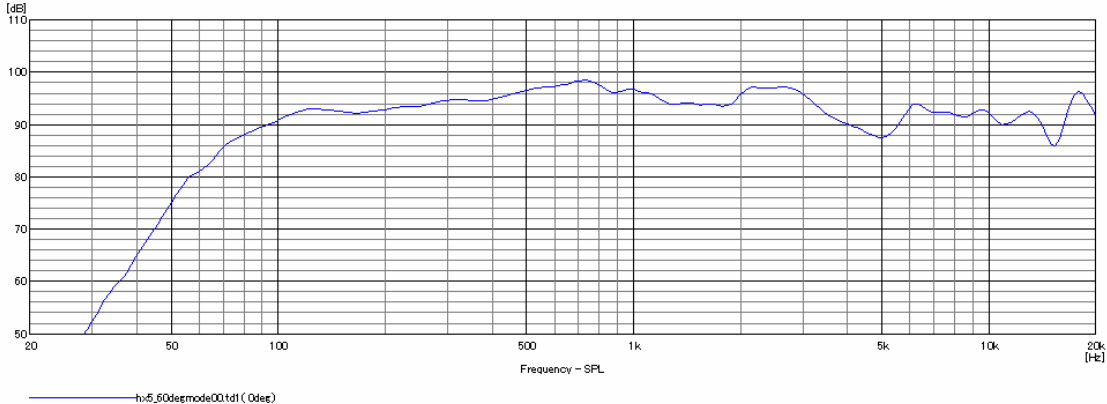
HX-5 Series

Speaker System Data

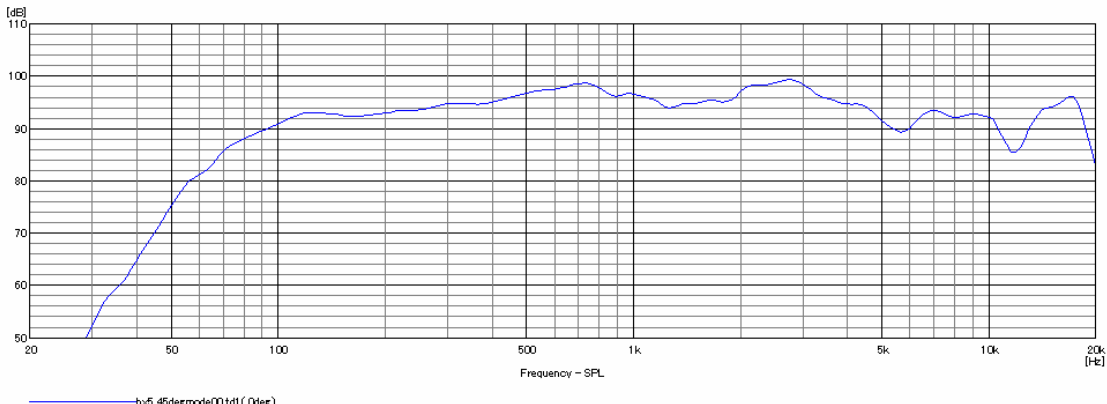
SPL Frequency Response
Impedance Frequency Response
Polar Pattern
Beam width
Q
EQ Recommendation

SPL Frequency Response

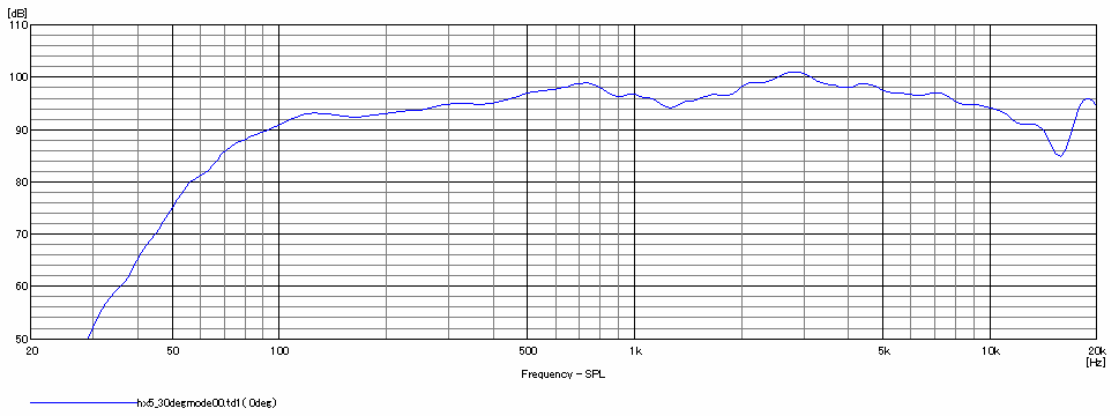
HX-5B/W (60degree-mode)



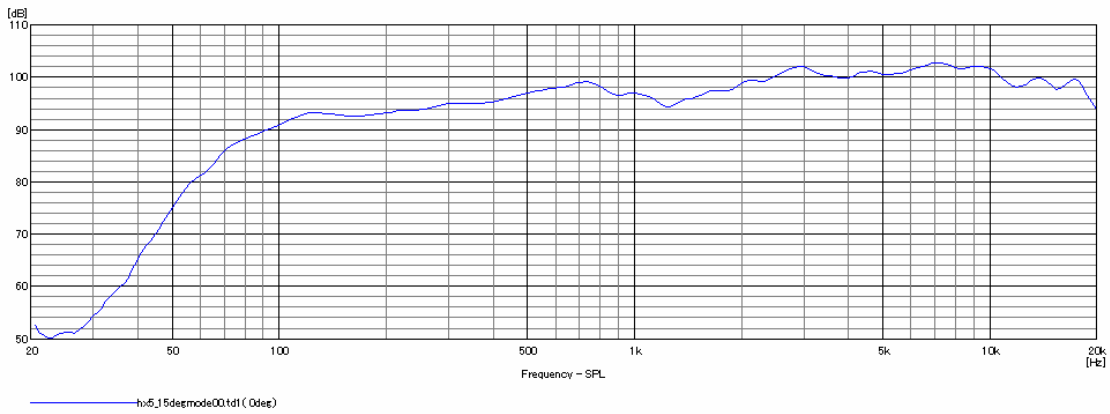
HX-5B/W (45degree-mode)



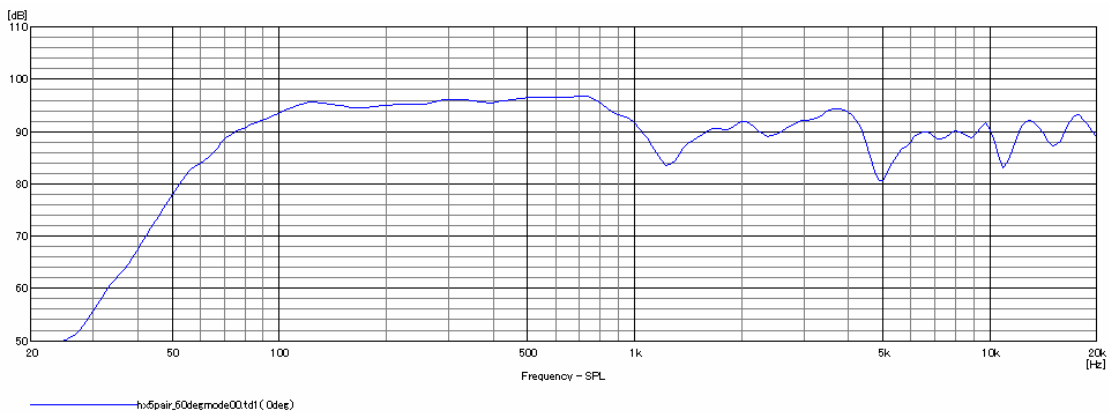
HX-5B/W (30degree-mode)



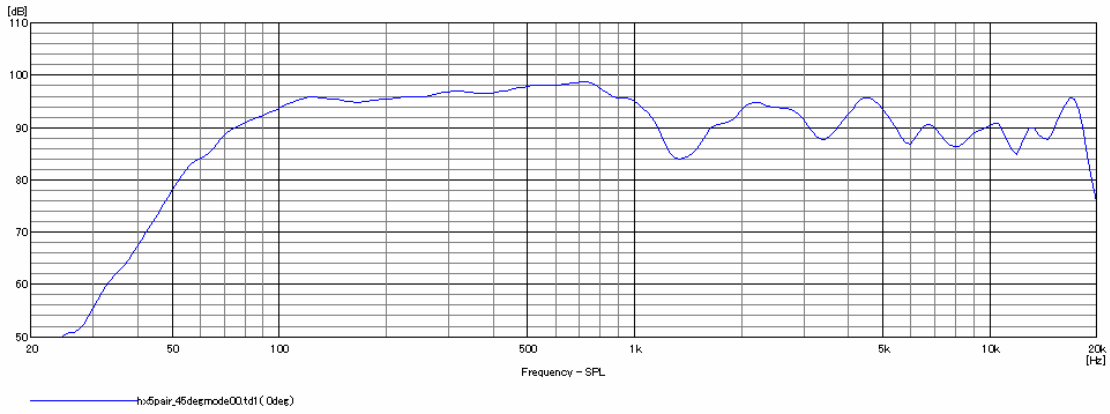
HX-5B/W (15degree-mode)



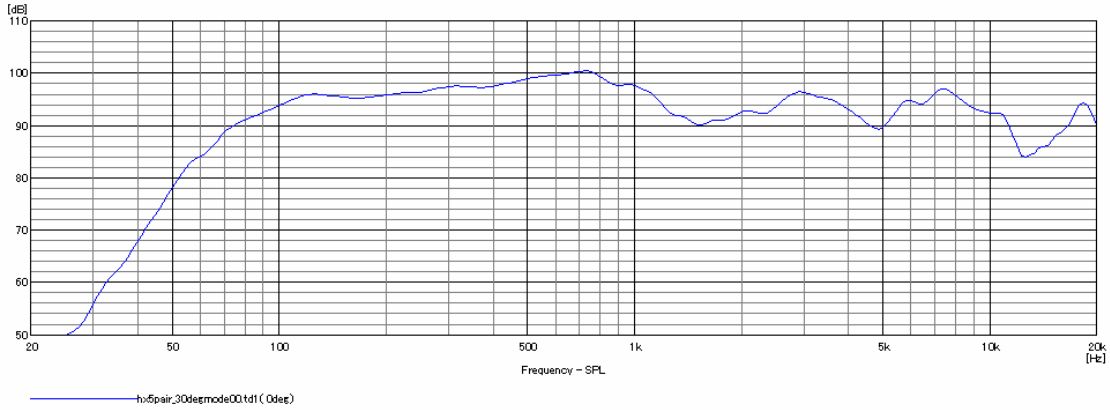
Pair of HX-5B/W (60degree-mode X 2)



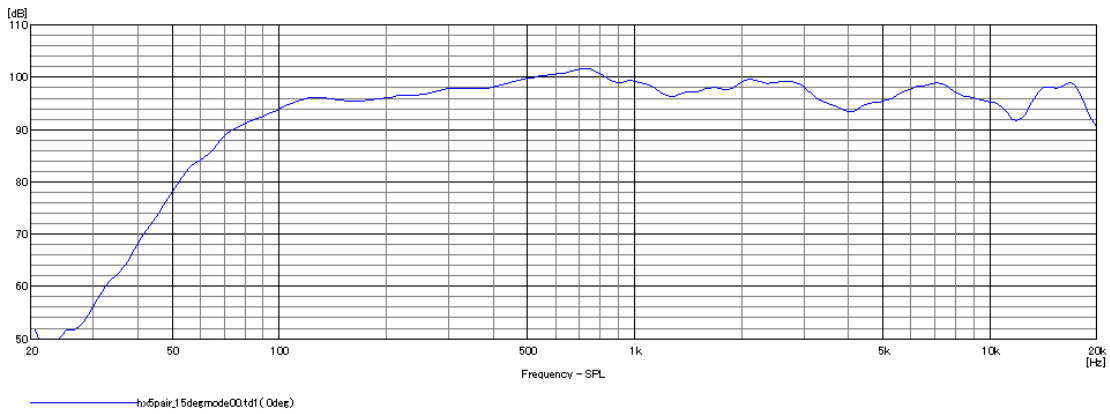
Pair of HX-5B/W (45degree-mode X 2)



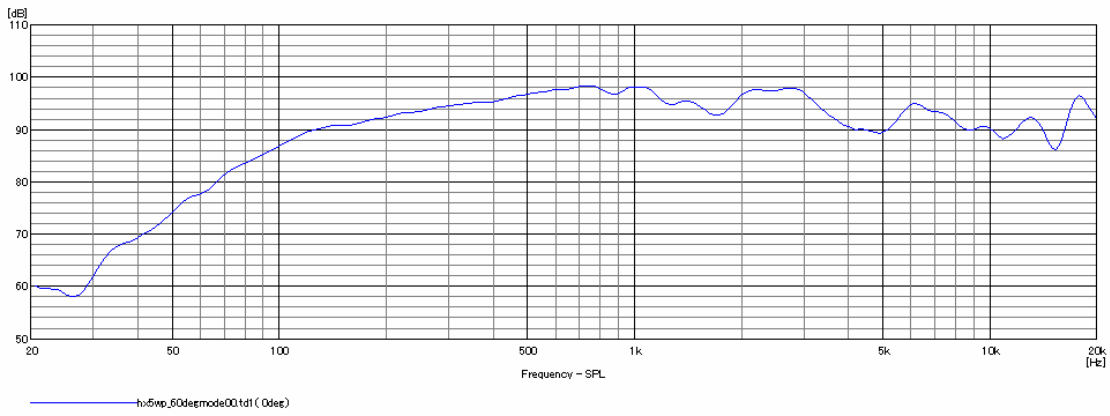
Pair of HX-5B/W (30degree-mode X 2)



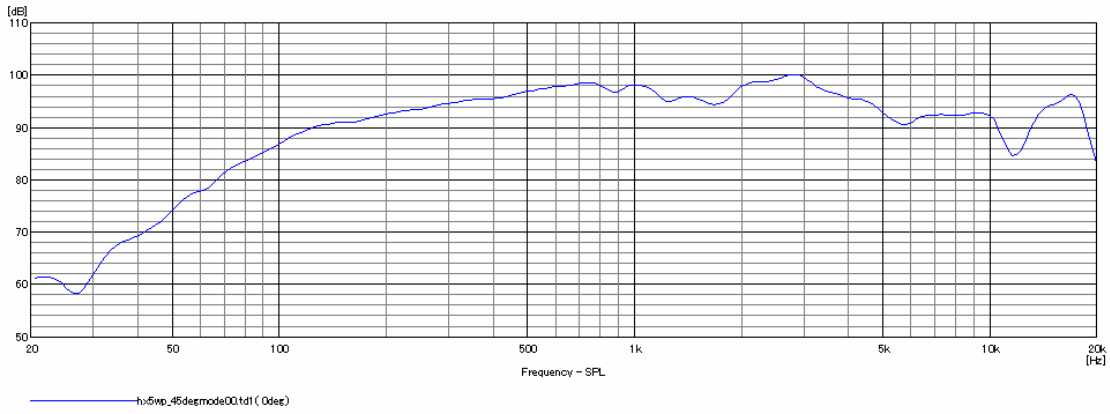
Pair of HX-5B/W (15degree-mode X 2)



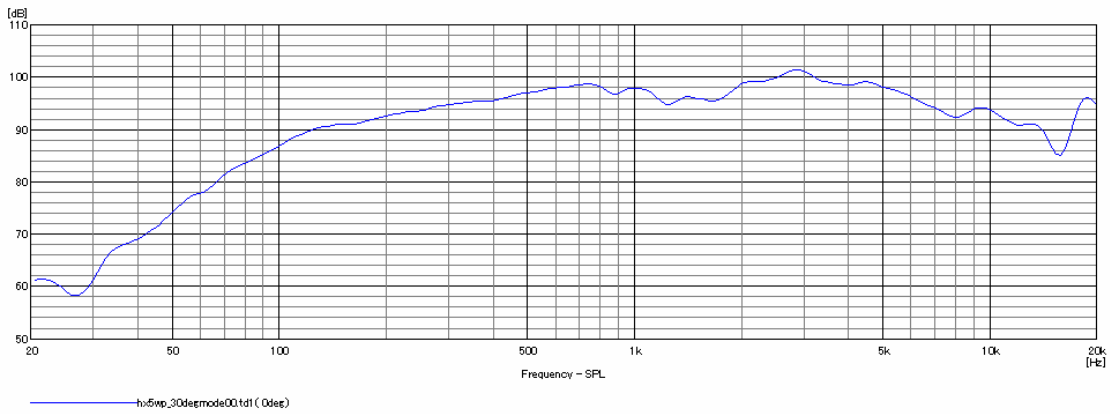
HX-5B-WP/W-WP (60degree-mode)



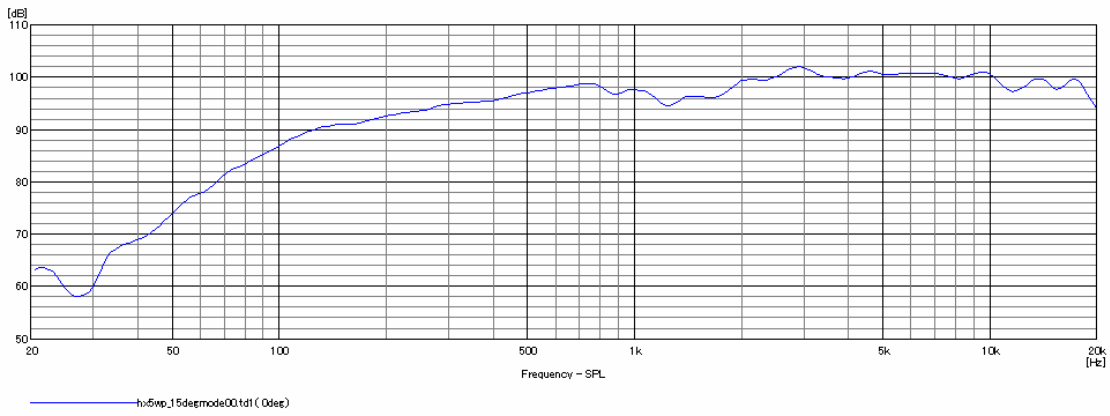
HX-5B-WP/W-WP (45degree-mode)



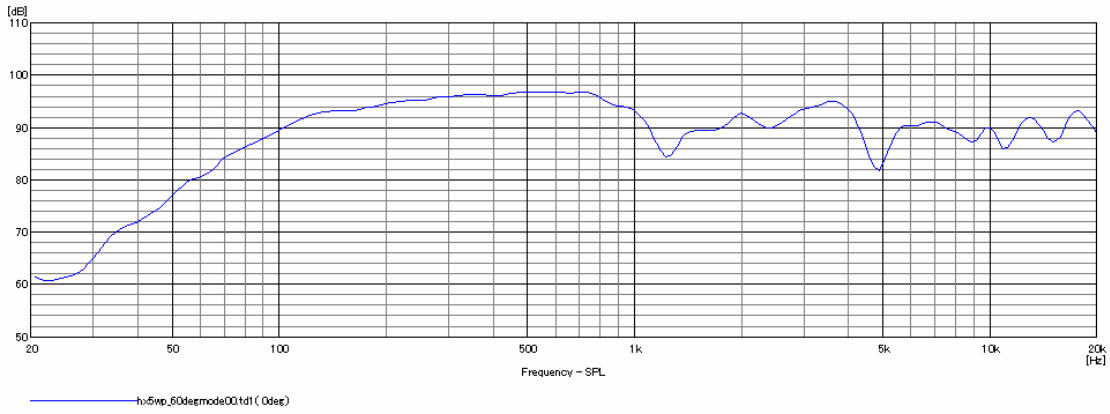
HX-5B-WP/W-WP (30degree-mode)



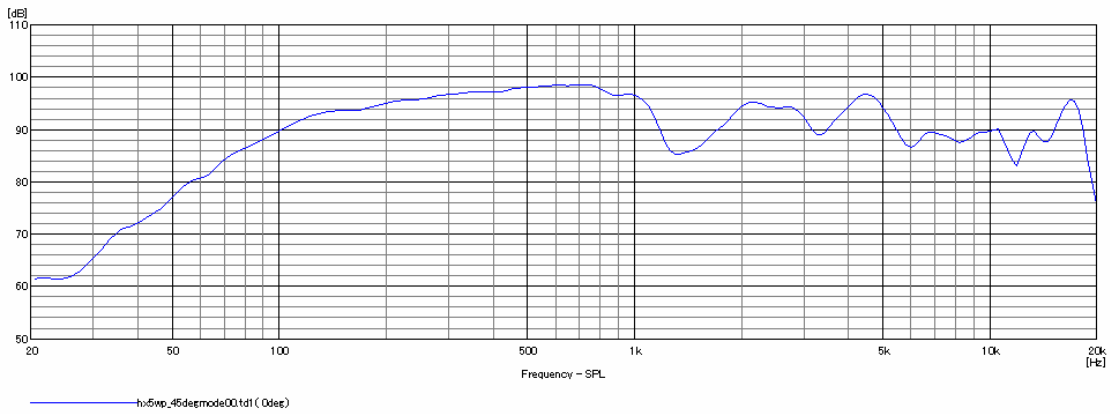
HX-5B-WP/W-WP (15degree-mode)



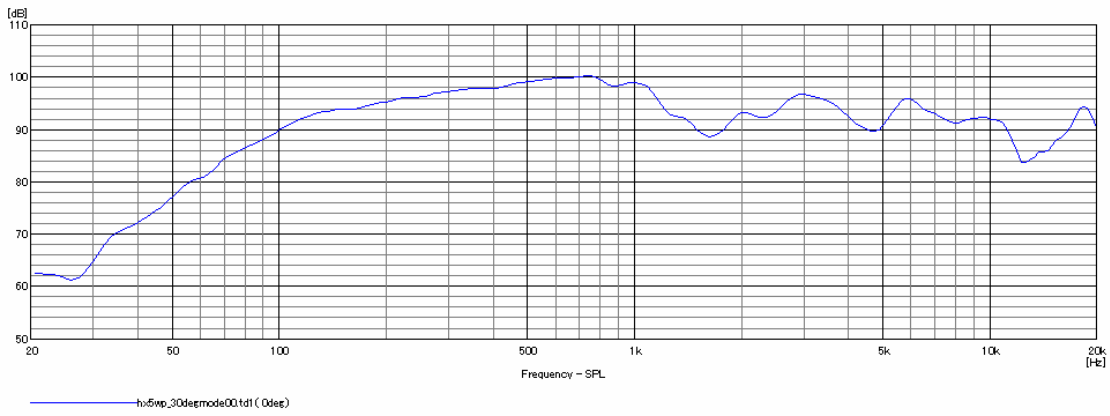
Pair of HX-5B-WP/W-WP (60degree-mode X 2)



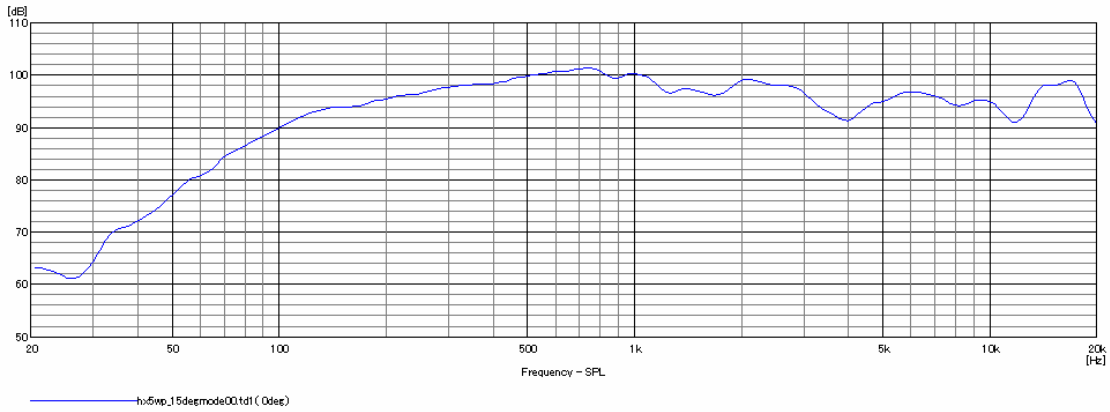
Pair of HX-5B-WP/W-WP (45degree-mode X 2)



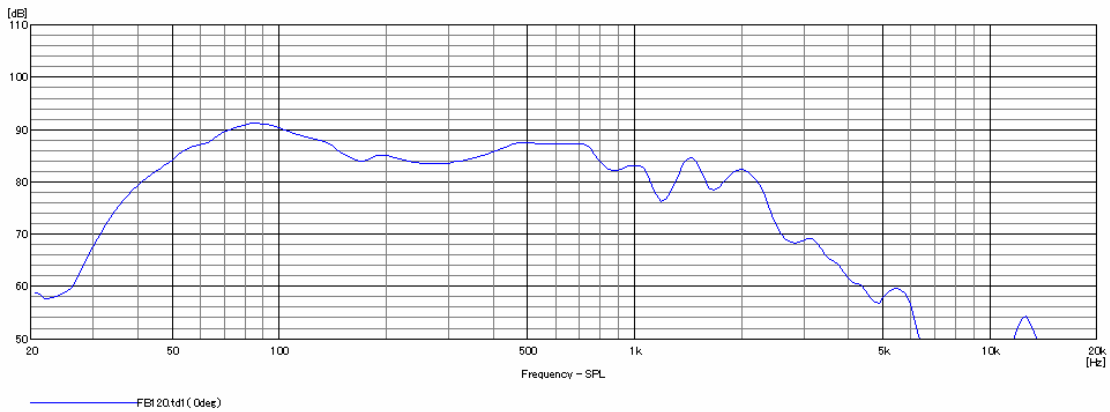
Pair of HX-5B-WP/W-WP (30degree-mode X 2)



Pair of HX-5B-WP/W-WP (15degree-mode X 2)



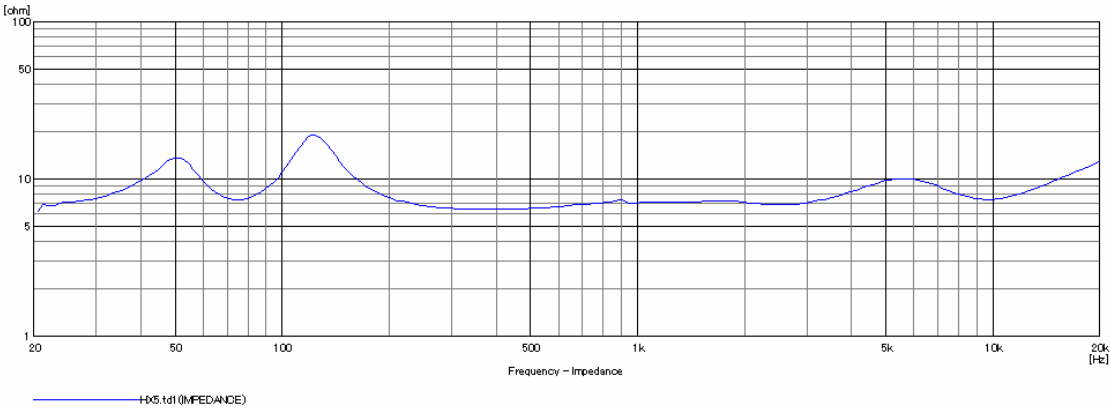
FB-120B/W (Full space)



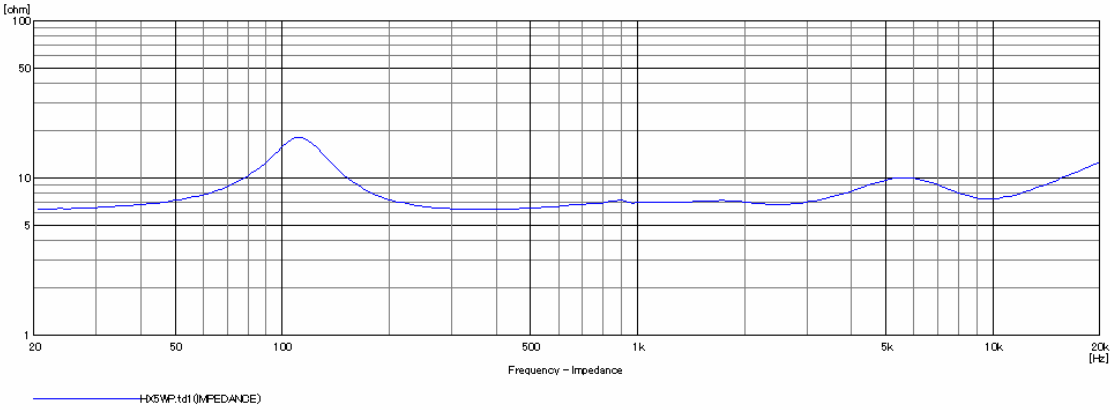
If the FB-120B/W is installed on the wall/ceiling/floor, the SPL is 6dB plus.

Impedance Frequency Response

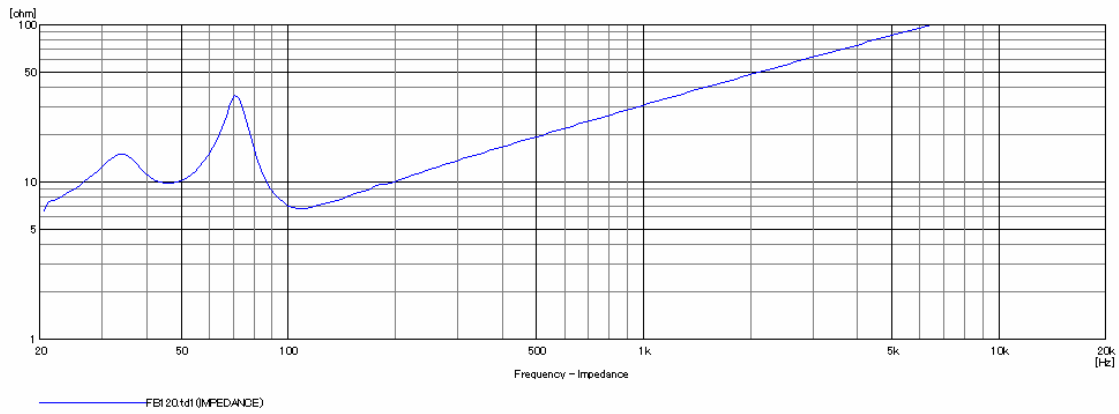
HX-5B/W



HX-5B-WP/W-WP



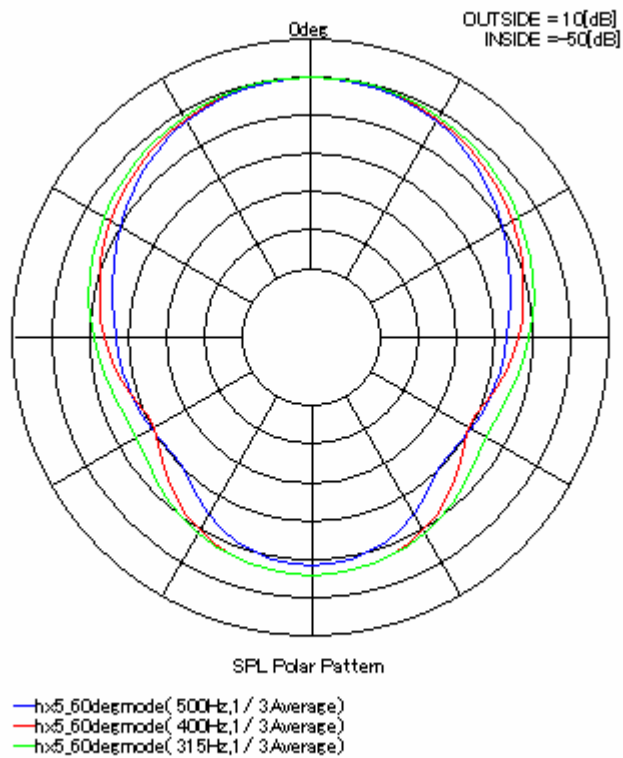
FB-120B/W

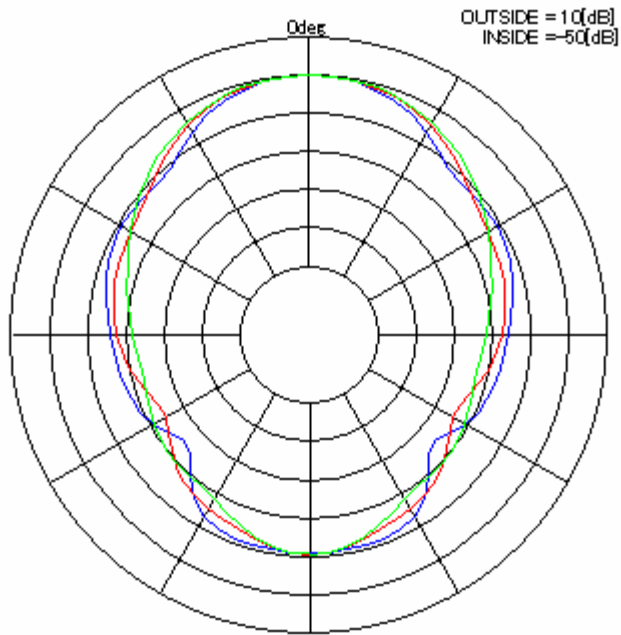


Polar Patterns

Vertical Plane

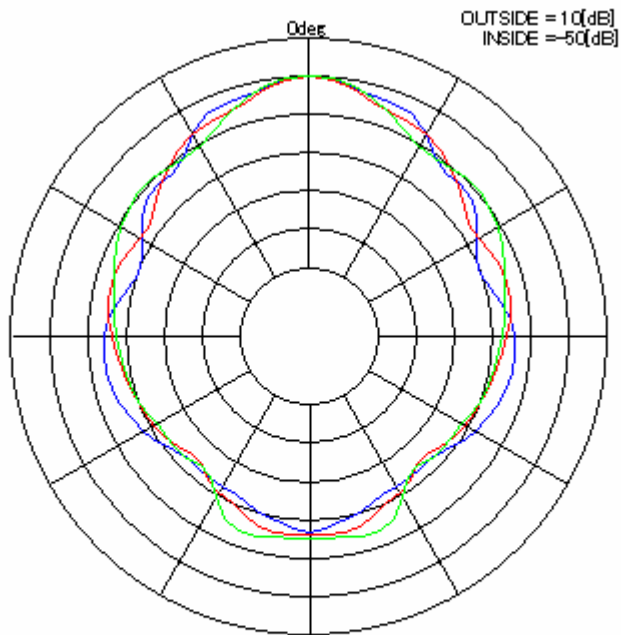
HX-5B/W/B-WP/W-WP (60degree-mode)





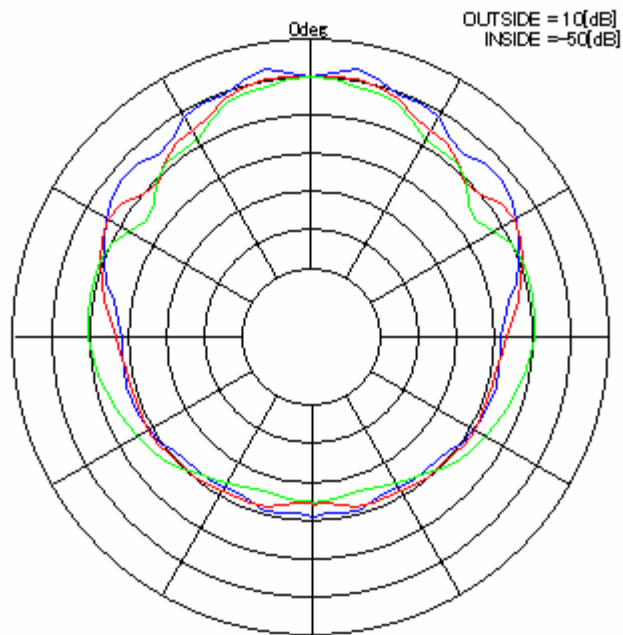
SPL Polar Pattern

- h:\5_60degmode(1000Hz,1 / 3Average)
- h:\5_60degmode(800Hz,1 / 3Average)
- h:\5_60degmode(630Hz,1 / 3Average)



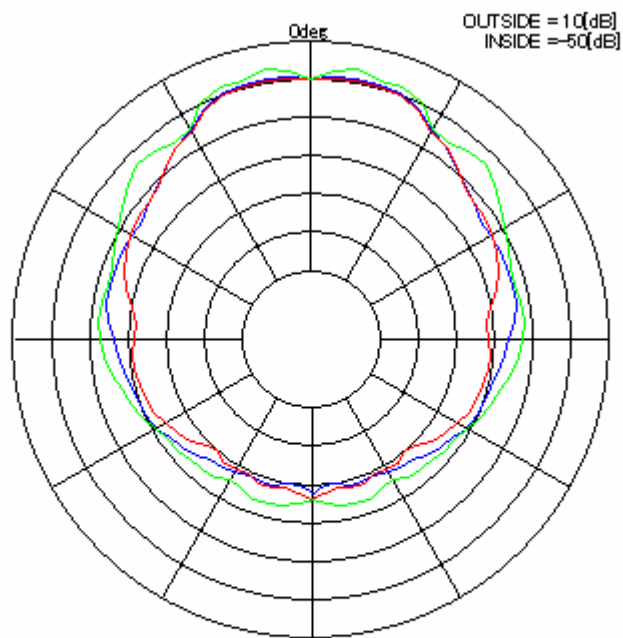
SPL Polar Pattern

- h:\5_60degmode(2000Hz,1 / 3Average)
- h:\5_60degmode(1600Hz,1 / 3Average)
- h:\5_60degmode(1250Hz,1 / 3Average)



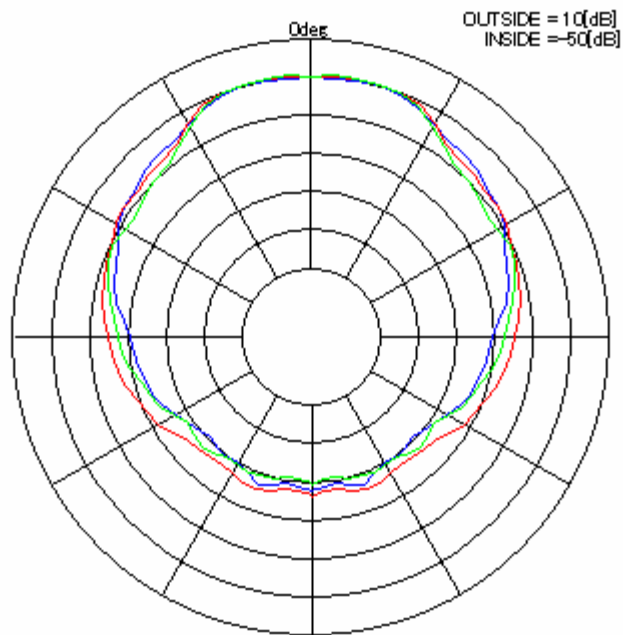
SPL Polar Pattern

- h×5_60degmode(4000Hz,1 / 3 Average)
- h×5_60degmode(3150Hz,1 / 3 Average)
- h×5_60degmode(2500Hz,1 / 3 Average)

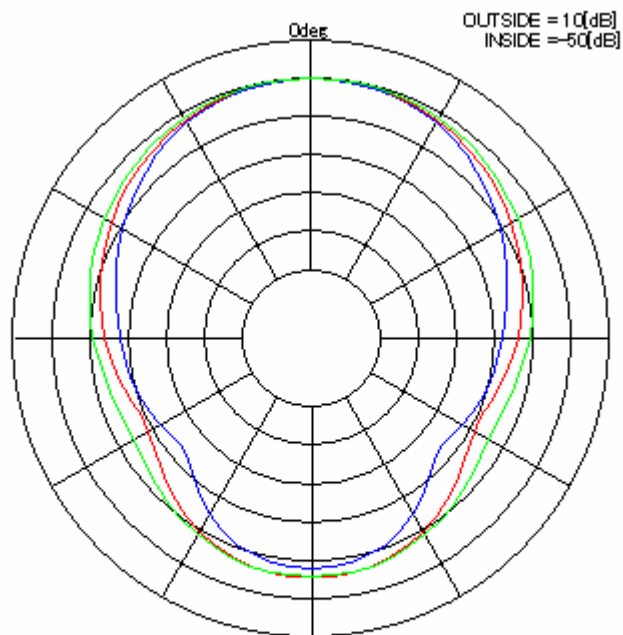


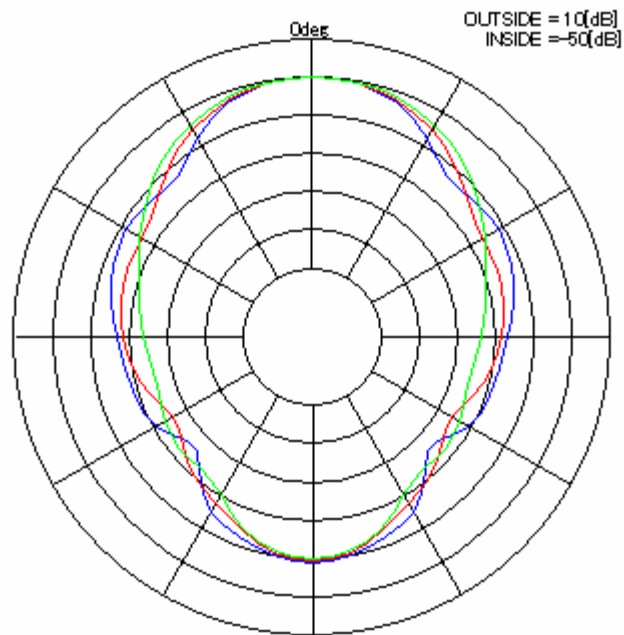
SPL Polar Pattern

- h×5_60degmode(8000Hz,1 / 3 Average)
- h×5_60degmode(6300Hz,1 / 3 Average)
- h×5_60degmode(5000Hz,1 / 3 Average)



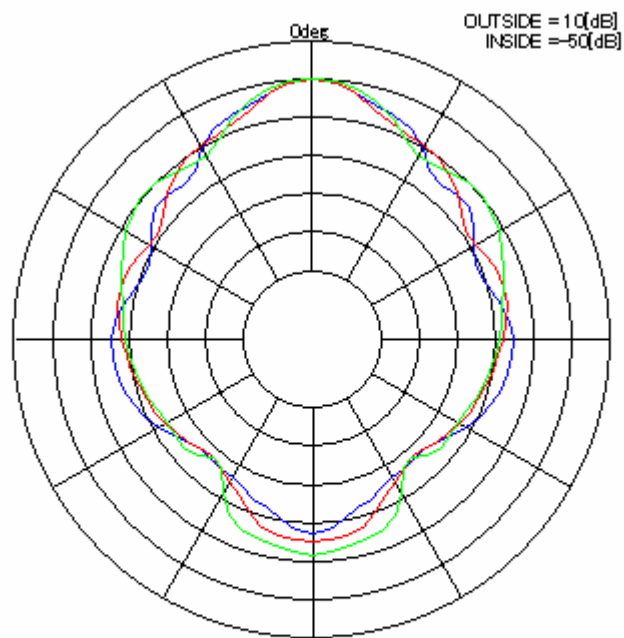
HX-5B/W/B-WP/W-WP (45degree-mode)





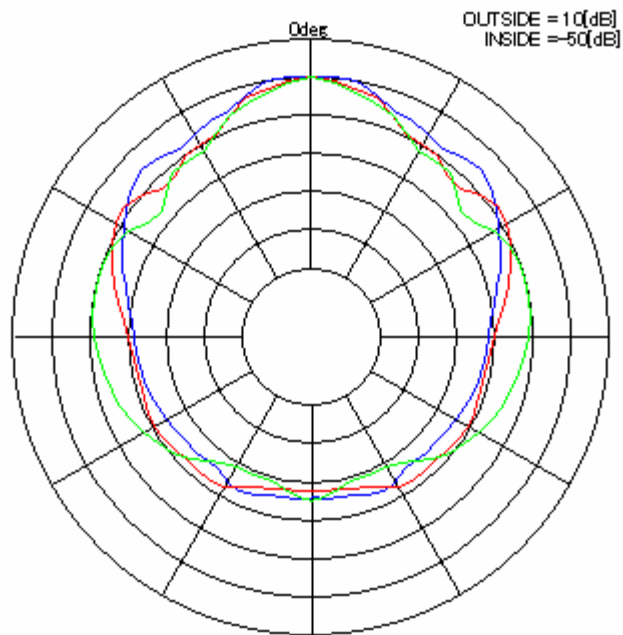
SPL Polar Pattern

- h:\5_45degmode(1000Hz,1 / 3Average)
- h:\5_45degmode(800Hz,1 / 3Average)
- h:\5_45degmode(630Hz,1 / 3Average)



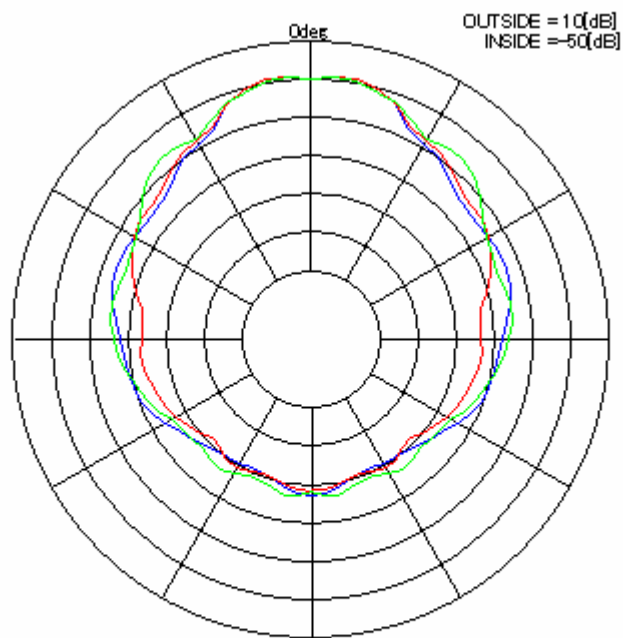
SPL Polar Pattern

- h:\5_45degmode(2000Hz,1 / 3Average)
- h:\5_45degmode(1600Hz,1 / 3Average)
- h:\5_45degmode(1250Hz,1 / 3Average)



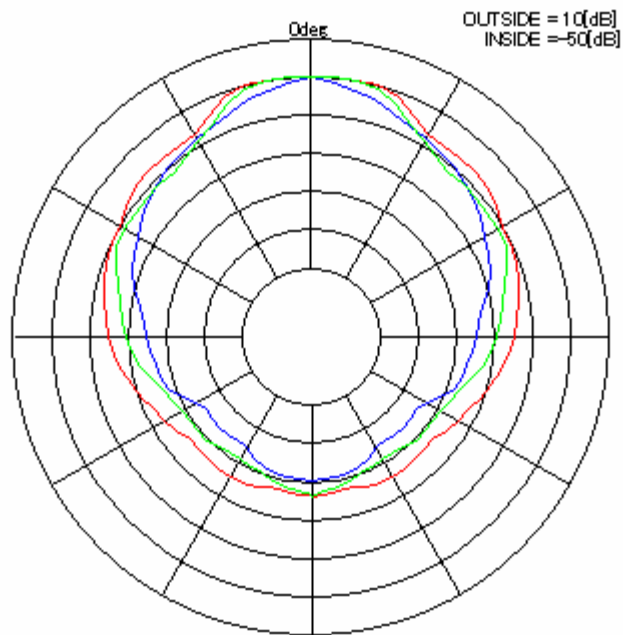
SPL Polar Pattern

- h:\5_45degmode(4000Hz,1 / 3 Average)
- h:\5_45degmode(3150Hz,1 / 3 Average)
- h:\5_45degmode(2500Hz,1 / 3 Average)



SPL Polar Pattern

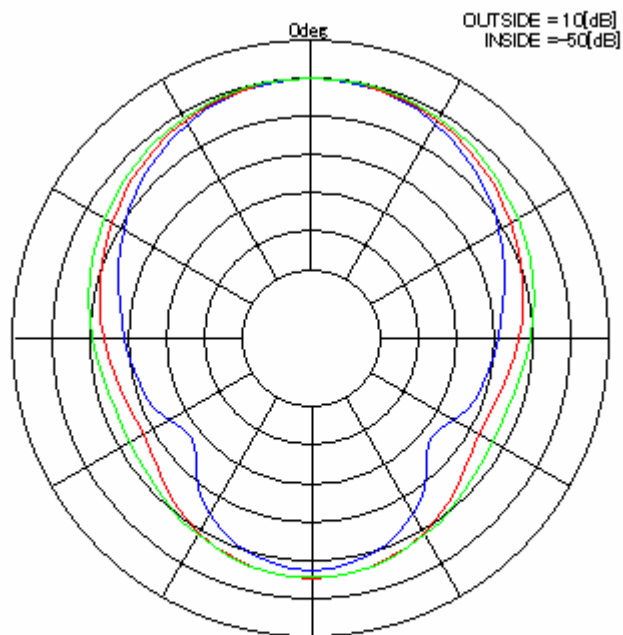
- h:\5_45degmode(8000Hz,1 / 3 Average)
- h:\5_45degmode(6300Hz,1 / 3 Average)
- h:\5_45degmode(5000Hz,1 / 3 Average)



SPL Polar Pattern

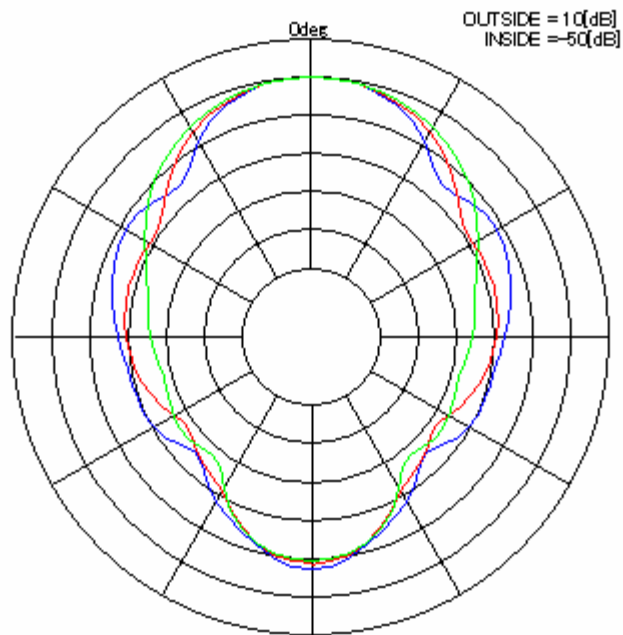
- h:\5_45degmode(16000Hz,1 / 3Average)
- h:\5_45degmode(12500Hz,1 / 3Average)
- h:\5_45degmode(10000Hz,1 / 3Average)

HX-5B/W/B-WP/W-WP (30degree-mode)



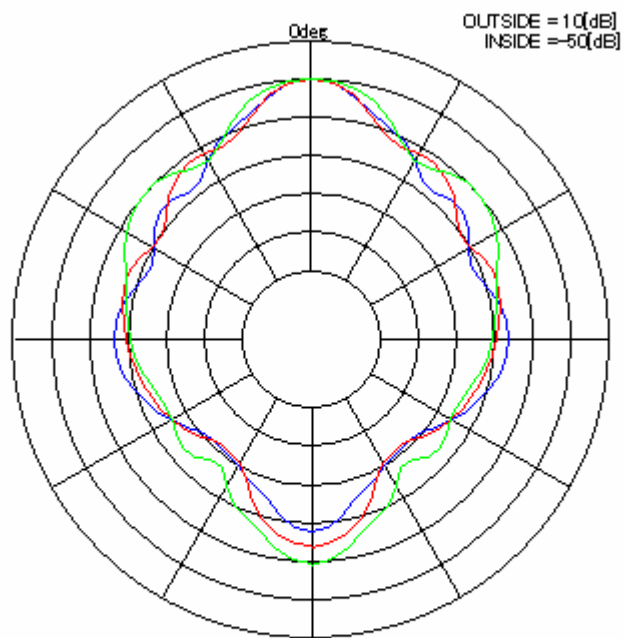
SPL Polar Pattern

- h:\5_30degmode(500Hz,1 / 3Average)
- h:\5_30degmode(400Hz,1 / 3Average)
- h:\5_30degmode(315Hz,1 / 3Average)



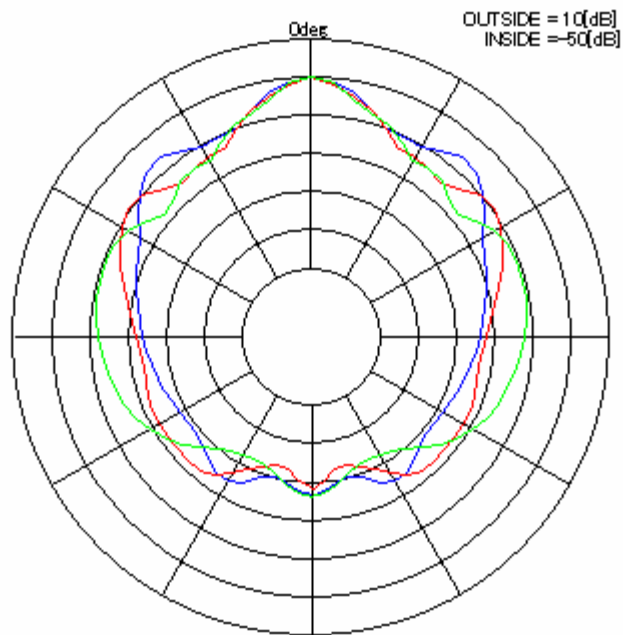
SPL Polar Pattern

- h:\5_30degmode(1000Hz,1 / 3Average)
- h:\5_30degmode(800Hz,1 / 3Average)
- h:\5_30degmode(630Hz,1 / 3Average)



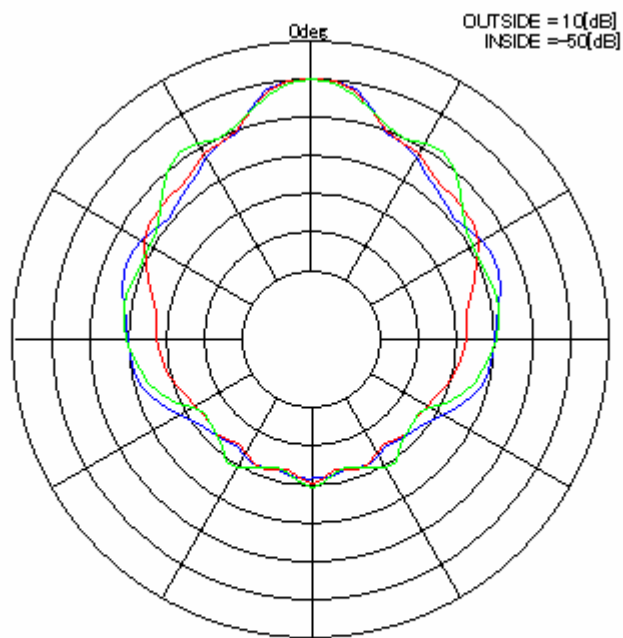
SPL Polar Pattern

- h:\5_30degmode(2000Hz,1 / 3Average)
- h:\5_30degmode(1600Hz,1 / 3Average)
- h:\5_30degmode(1250Hz,1 / 3Average)



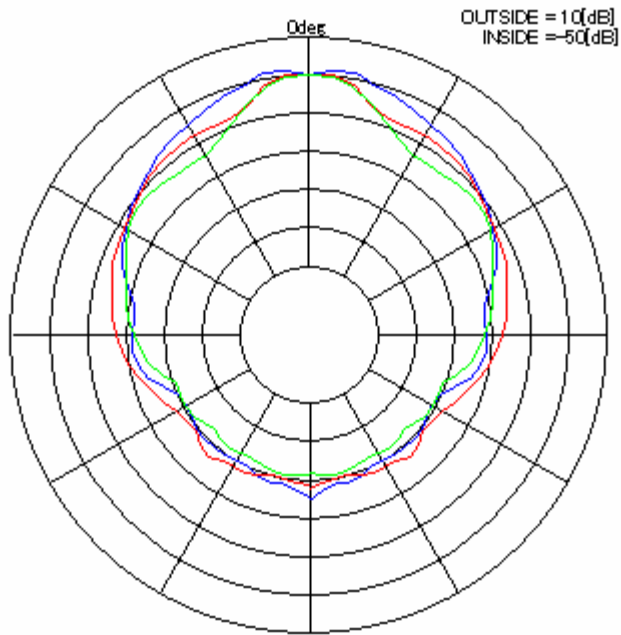
SPL Polar Pattern

—h×5_30degmode(4000Hz,1 / 3 Average)
 —h×5_30degmode(3150Hz,1 / 3 Average)
 —h×5_30degmode(2500Hz,1 / 3 Average)



SPL Polar Pattern

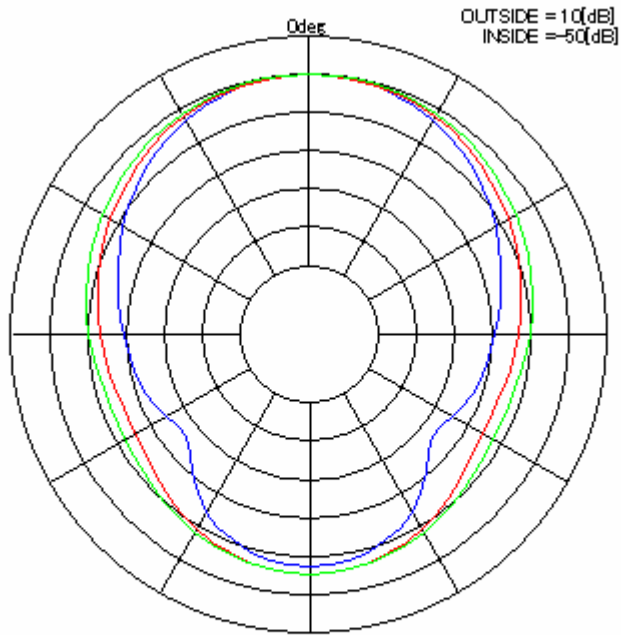
—h×5_30degmode(8000Hz,1 / 3 Average)
 —h×5_30degmode(6300Hz,1 / 3 Average)
 —h×5_30degmode(5000Hz,1 / 3 Average)



SPL Polar Pattern

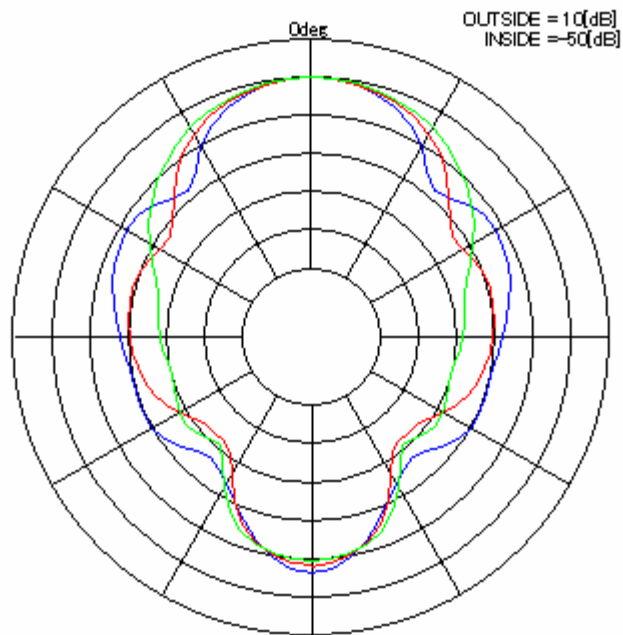
- h×5_30degmode(1600Hz,1/3Average)
- h×5_30degmode(1250Hz,1/3Average)
- h×5_30degmode(1000Hz,1/3Average)

HX-5B/W/B-WP/W-WP (15degree-mode)



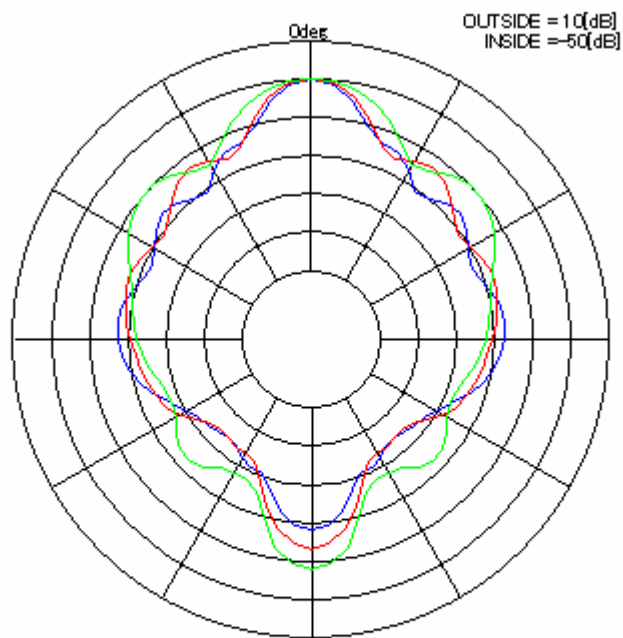
SPL Polar Pattern

- h×5_15degmode(500Hz,1/3Average)
- h×5_15degmode(400Hz,1/3Average)
- h×5_15degmode(315Hz,1/3Average)



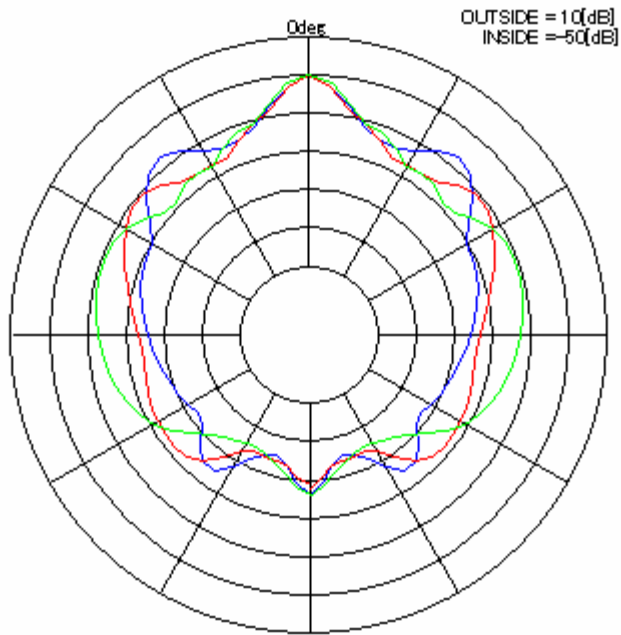
SPL Polar Pattern

- h:\5_15degmode(1000Hz,1 / 3Average)
- h:\5_15degmode(800Hz,1 / 3Average)
- h:\5_15degmode(630Hz,1 / 3Average)



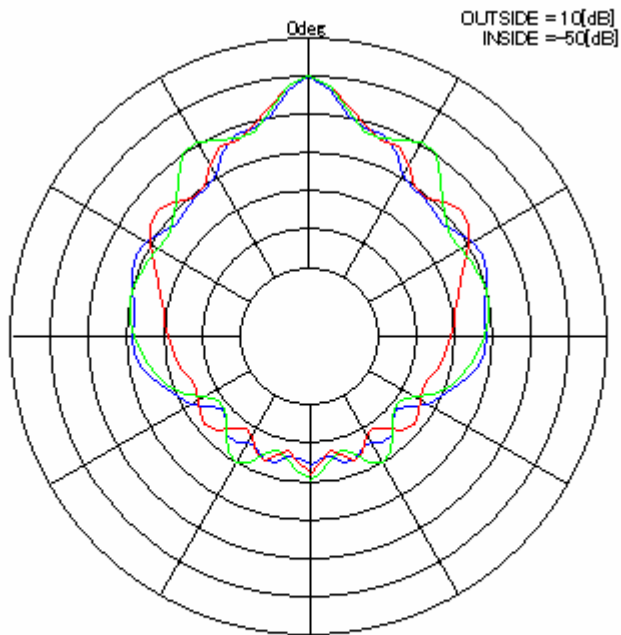
SPL Polar Pattern

- h:\5_15degmode(2000Hz,1 / 3Average)
- h:\5_15degmode(1600Hz,1 / 3Average)
- h:\5_15degmode(1250Hz,1 / 3Average)



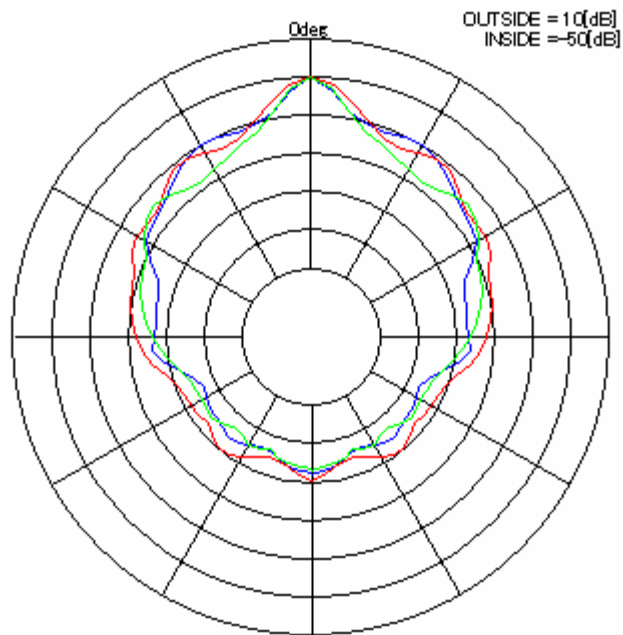
SPL Polar Pattern

- h:\5_15degmode(4000Hz,1 / 3 Average)
- h:\5_15degmode(3150Hz,1 / 3 Average)
- h:\5_15degmode(2500Hz,1 / 3 Average)



SPL Polar Pattern

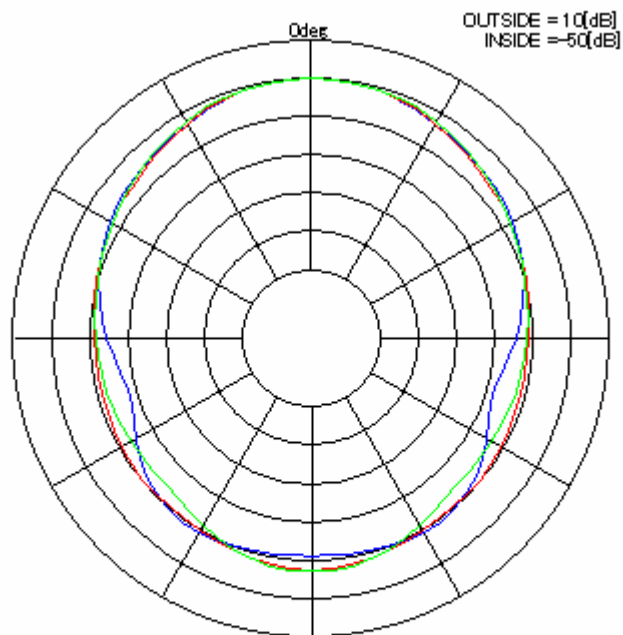
- h:\5_15degmode(8000Hz,1 / 3 Average)
- h:\5_15degmode(6300Hz,1 / 3 Average)
- h:\5_15degmode(5000Hz,1 / 3 Average)



SPL Polar Pattern

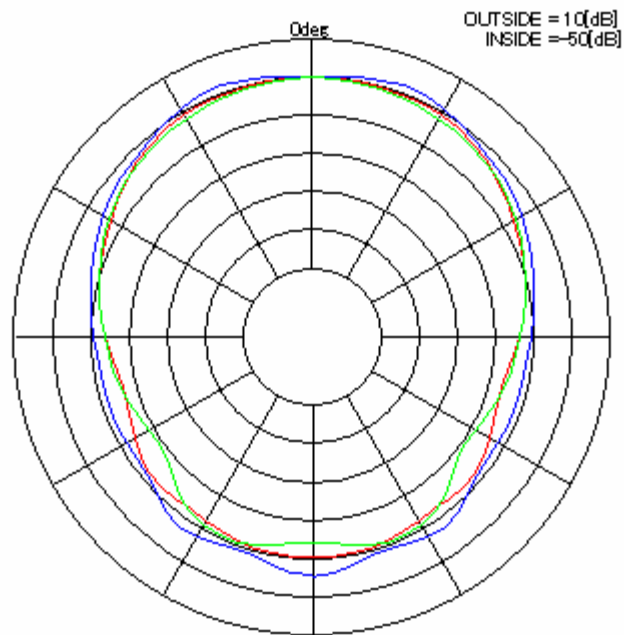
- h:\5_15degmode(16000Hz,1 / 3Average)
- h:\5_15degmode(12500Hz,1 / 3Average)
- h:\5_15degmode(10000Hz,1 / 3Average)

Pair of HX-5B/W/B-WP/W-WP (60degree-mode X 2)



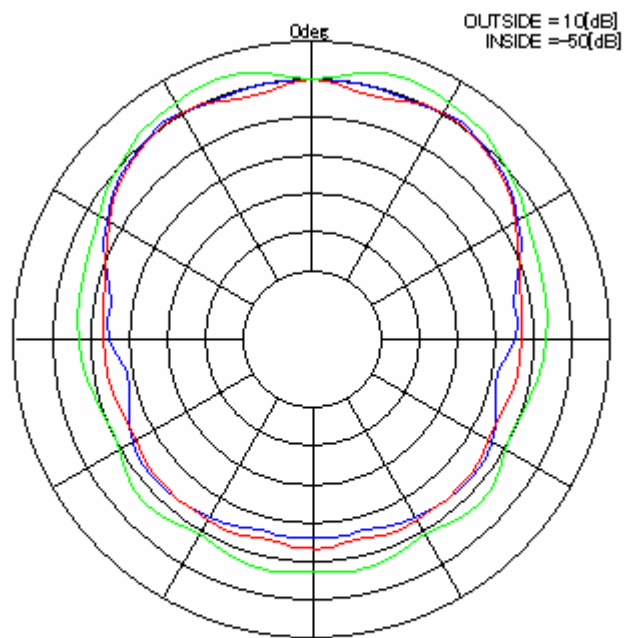
SPL Polar Pattern

- h:\5pair_60degmode(500Hz,1 / 3Average)
- h:\5pair_60degmode(400Hz,1 / 3Average)
- h:\5pair_60degmode(315Hz,1 / 3Average)



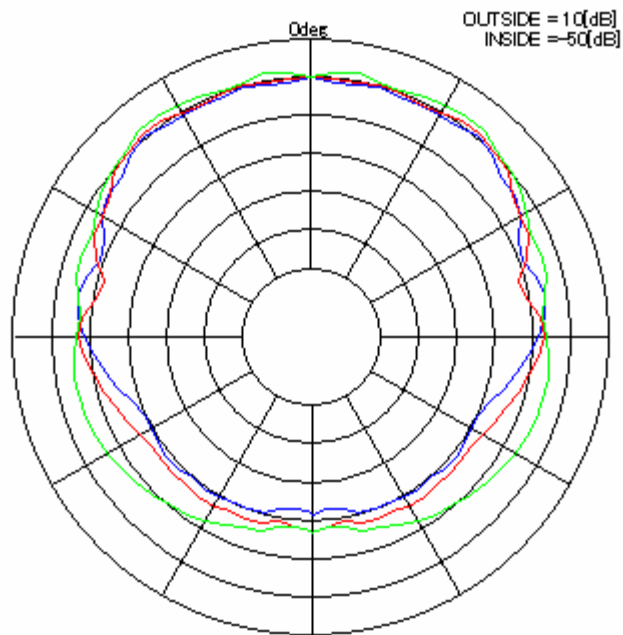
SPL Polar Pattern

- h:\5pair_60degmode(1000Hz,1 / 3Average)
- h:\5pair_60degmode(800Hz,1 / 3Average)
- h:\5pair_60degmode(630Hz,1 / 3Average)



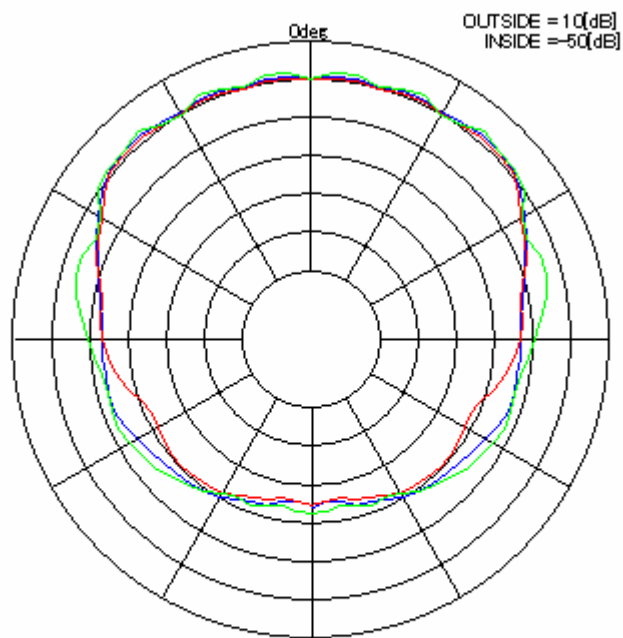
SPL Polar Pattern

- h:\5pair_60degmode(2000Hz,1 / 3Average)
- h:\5pair_60degmode(1600Hz,1 / 3Average)
- h:\5pair_60degmode(1250Hz,1 / 3Average)



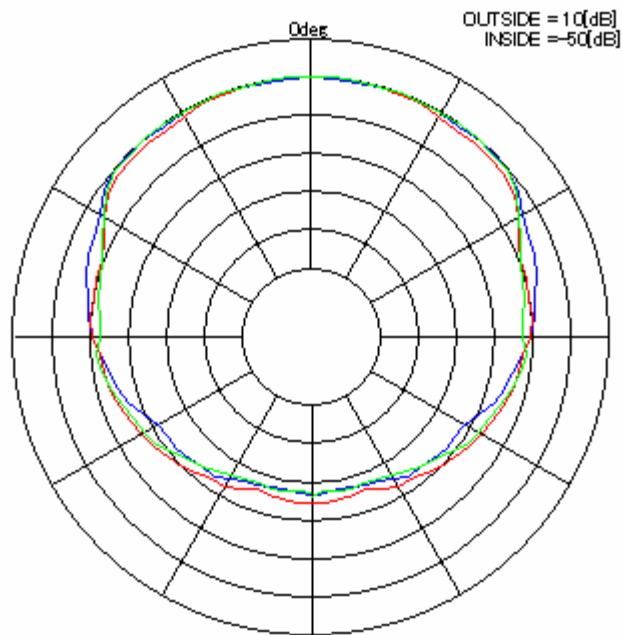
SPL Polar Pattern

- h:\5pair_60degmode(4000Hz,1 / 3Average)
- h:\5pair_60degmode(3150Hz,1 / 3Average)
- h:\5pair_60degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

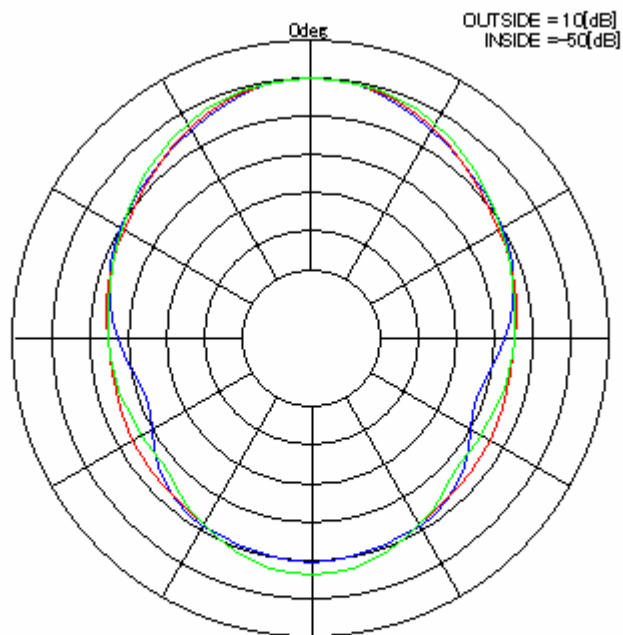
- h:\5pair_60degmode(8000Hz,1 / 3Average)
- h:\5pair_60degmode(6300Hz,1 / 3Average)
- h:\5pair_60degmode(5000Hz,1 / 3Average)



SPL Polar Pattern

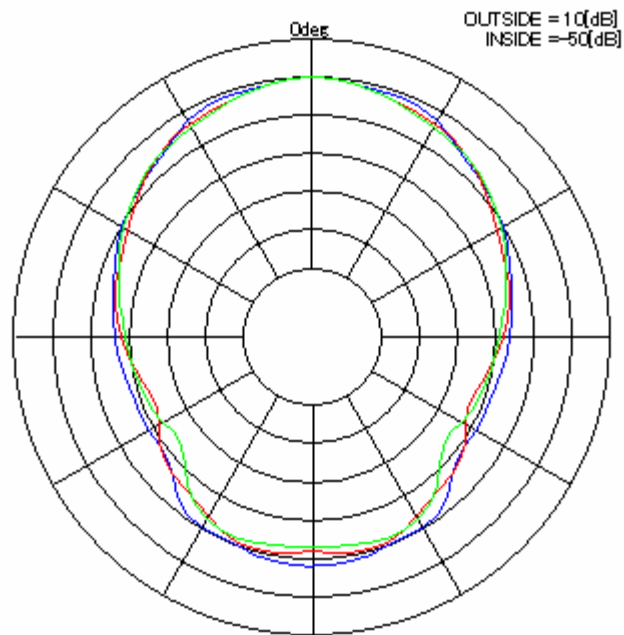
- h:\5pair_60degmode(16000Hz,1 / 3Average)
- h:\5pair_60degmode(12500Hz,1 / 3Average)
- h:\5pair_60degmode(10000Hz,1 / 3Average)

Pair of HX-5BW/B-WP/W-WP (45degree-mode X 2)



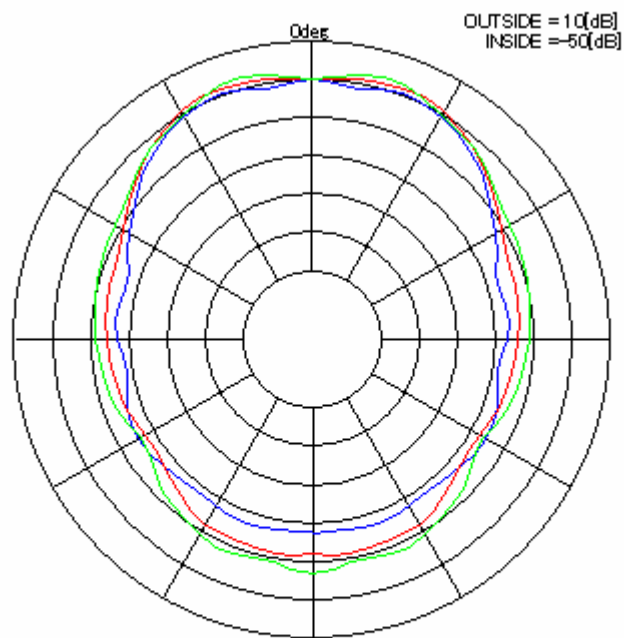
SPL Polar Pattern

- h:\5pair_45degmode(500Hz,1 / 3Average)
- h:\5pair_45degmode(400Hz,1 / 3Average)
- h:\5pair_45degmode(315Hz,1 / 3Average)



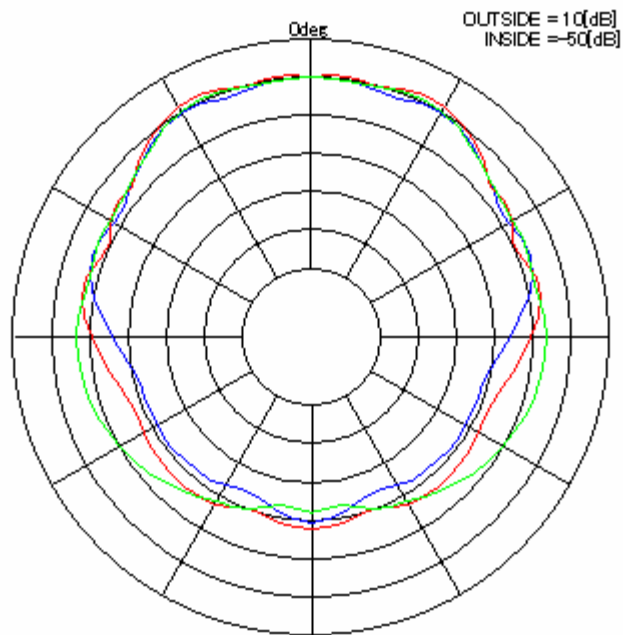
SPL Polar Pattern

- h:\5pair_45degmode(1000Hz,1 / 3Average)
- h:\5pair_45degmode(800Hz,1 / 3Average)
- h:\5pair_45degmode(630Hz,1 / 3Average)



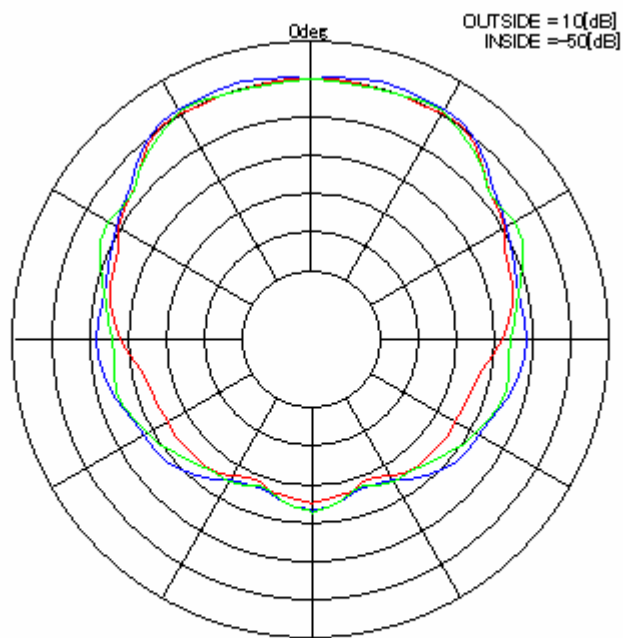
SPL Polar Pattern

- h:\5pair_45degmode(2000Hz,1 / 3Average)
- h:\5pair_45degmode(1600Hz,1 / 3Average)
- h:\5pair_45degmode(1250Hz,1 / 3Average)



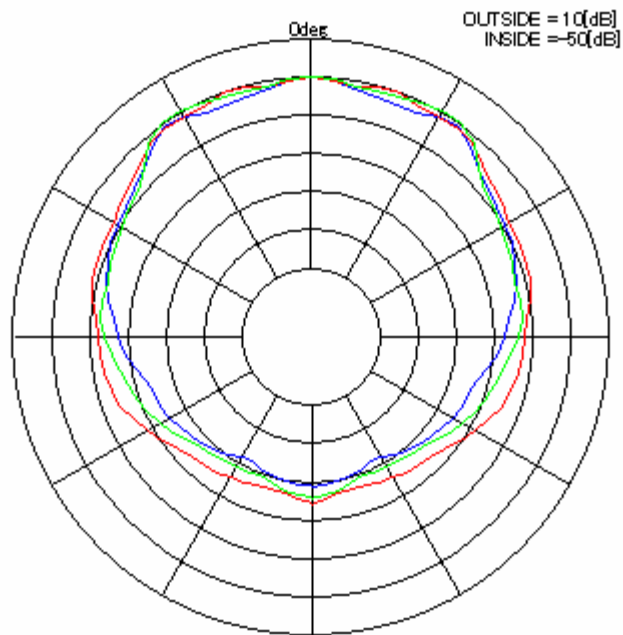
SPL Polar Pattern

- h:\5pair_45degmode(4000Hz,1 / 3Average)
- h:\5pair_45degmode(3150Hz,1 / 3Average)
- h:\5pair_45degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

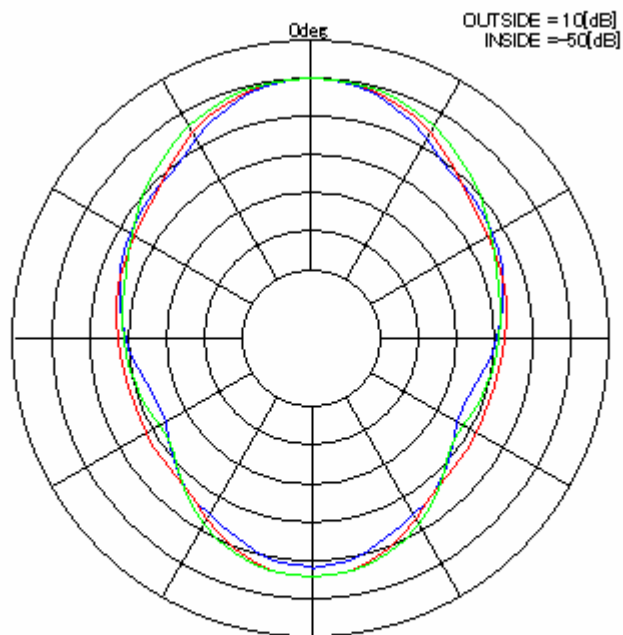
- h:\5pair_45degmode(8000Hz,1 / 3Average)
- h:\5pair_45degmode(6300Hz,1 / 3Average)
- h:\5pair_45degmode(5000Hz,1 / 3Average)



SPL Polar Pattern

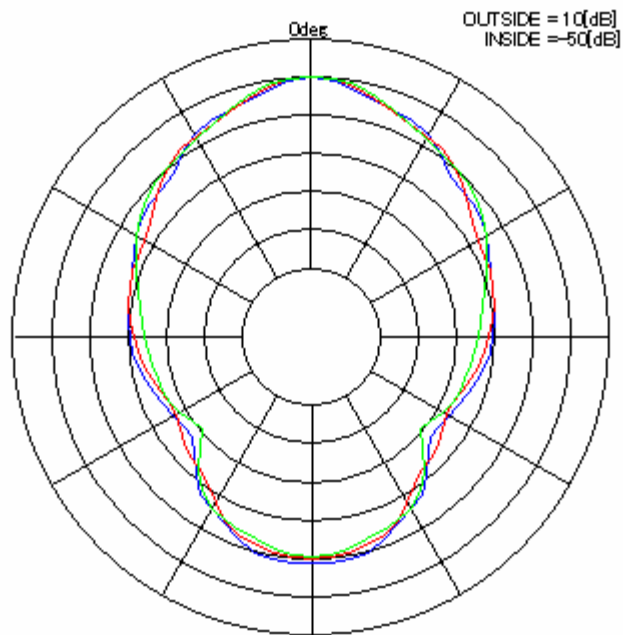
- h:5pair_45degmode(16000Hz,1 / 3Average)
- h:5pair_45degmode(12500Hz,1 / 3Average)
- h:5pair_45degmode(10000Hz,1 / 3Average)

Pair of HX-5BW/B-WP/W-WP (30degree-mode X 2)



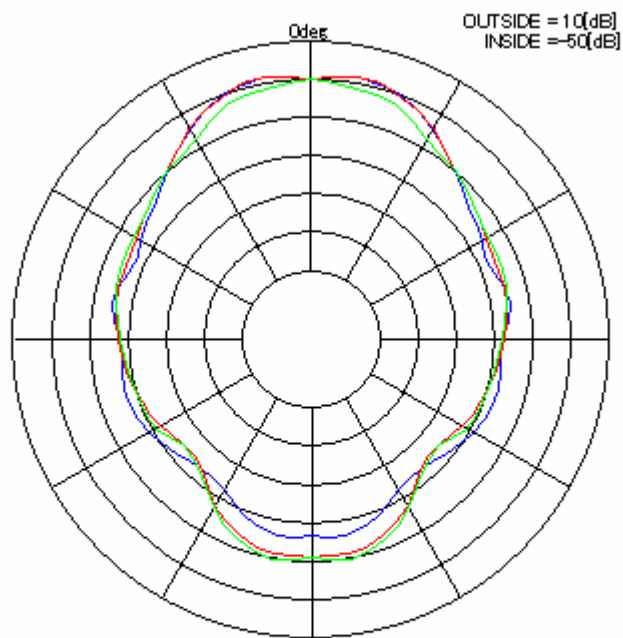
SPL Polar Pattern

- h:5pair_30degmode(500Hz,1 / 3Average)
- h:5pair_30degmode(400Hz,1 / 3Average)
- h:5pair_30degmode(315Hz,1 / 3Average)



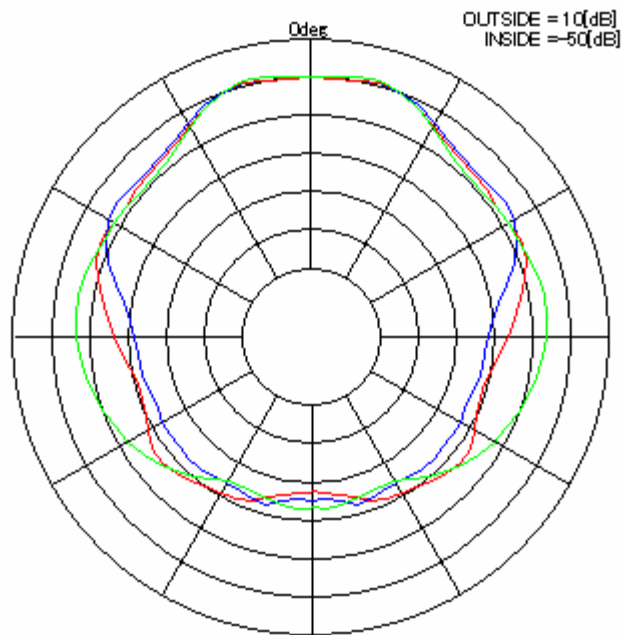
SPL Polar Pattern

- h:\5pair_30degmode(1000Hz,1 / 3Average)
- h:\5pair_30degmode(800Hz,1 / 3Average)
- h:\5pair_30degmode(630Hz,1 / 3Average)



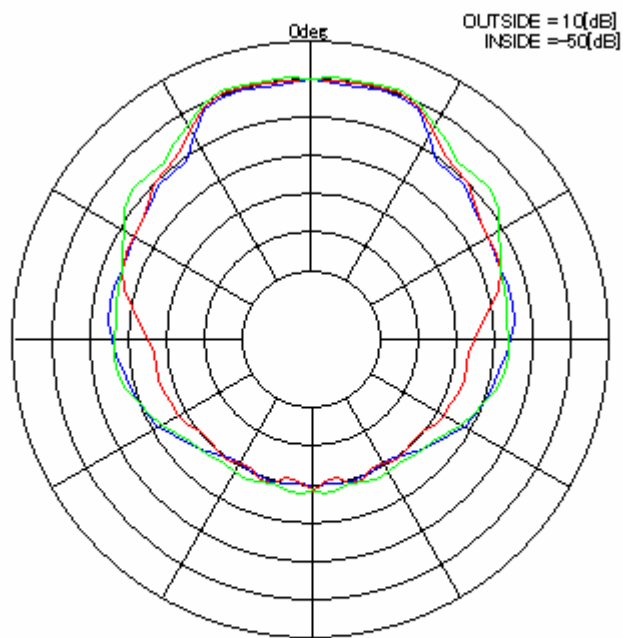
SPL Polar Pattern

- h:\5pair_30degmode(2000Hz,1 / 3Average)
- h:\5pair_30degmode(1600Hz,1 / 3Average)
- h:\5pair_30degmode(1250Hz,1 / 3Average)



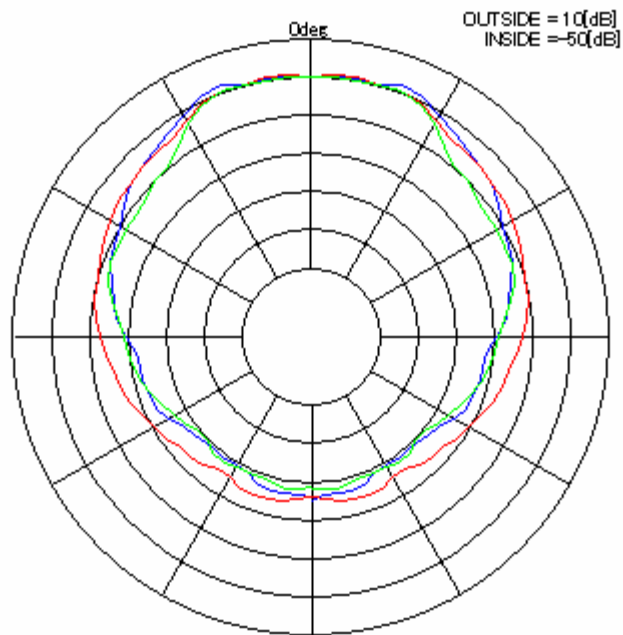
SPL Polar Pattern

- h:\5pair_30degmode(4000Hz,1 / 3Average)
- h:\5pair_30degmode(3150Hz,1 / 3Average)
- h:\5pair_30degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

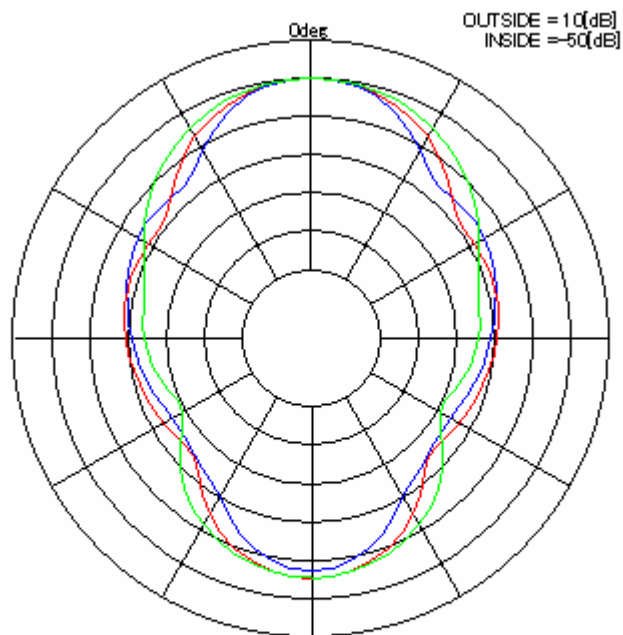
- h:\5pair_30degmode(8000Hz,1 / 3Average)
- h:\5pair_30degmode(6300Hz,1 / 3Average)
- h:\5pair_30degmode(5000Hz,1 / 3Average)



SPL Polar Pattern

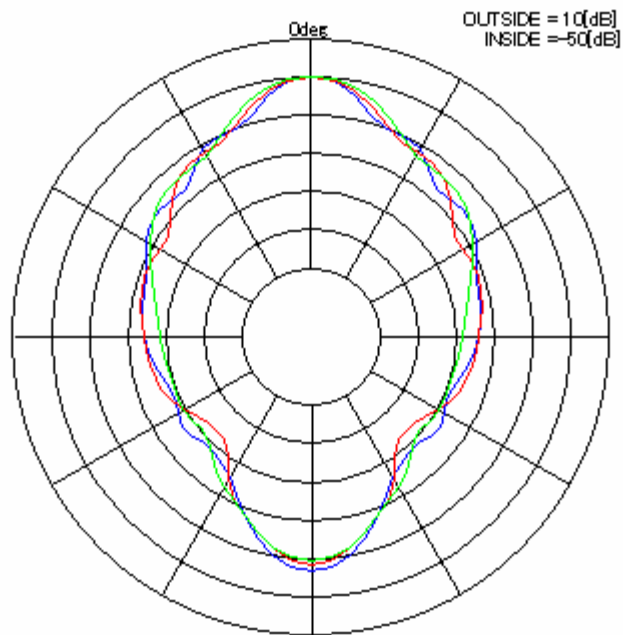
- h:5pair_30degmode(16000Hz,1 / 3Average)
- h:5pair_30degmode(12500Hz,1 / 3Average)
- h:5pair_30degmode(10000Hz,1 / 3Average)

Pair of HX-5BW/B-WP/W-WP (15degree-mode X 2)



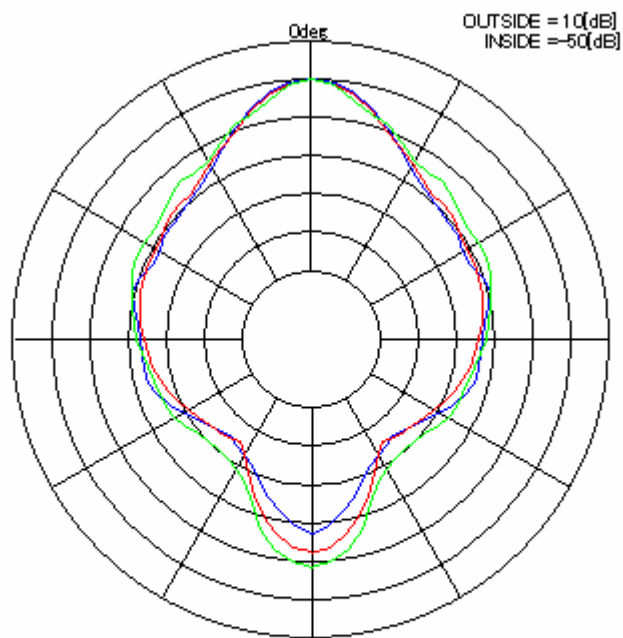
SPL Polar Pattern

- h:5pair_15degmode(500Hz,1 / 3Average)
- h:5pair_15degmode(400Hz,1 / 3Average)
- h:5pair_15degmode(315Hz,1 / 3Average)



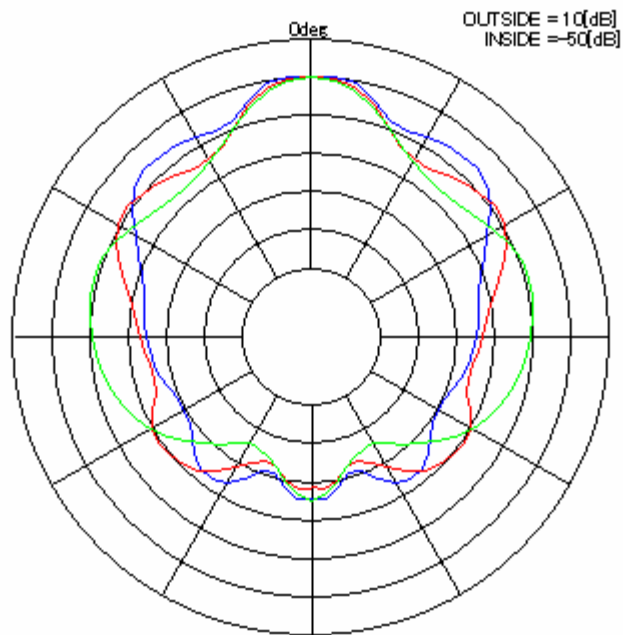
SPL Polar Pattern

- h>5pair_15degmode(1000Hz,1 / 3Average)
- h>5pair_15degmode(800Hz,1 / 3Average)
- h>5pair_15degmode(630Hz,1 / 3Average)



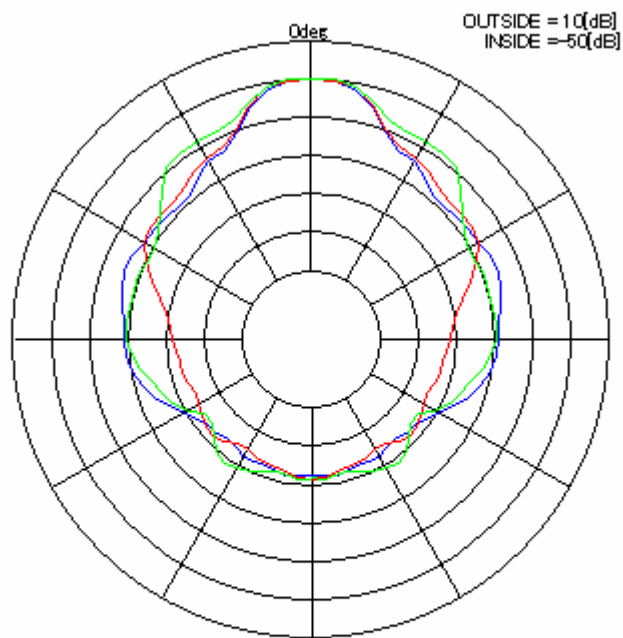
SPL Polar Pattern

- h>5pair_15degmode(2000Hz,1 / 3Average)
- h>5pair_15degmode(1600Hz,1 / 3Average)
- h>5pair_15degmode(1250Hz,1 / 3Average)



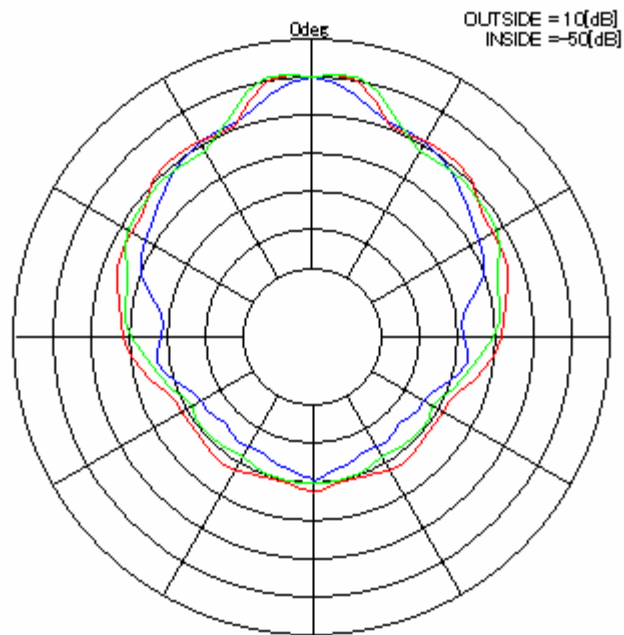
SPL Polar Pattern

- h:\5pair_15degmode(4000Hz,1 / 3Average)
- h:\5pair_15degmode(3150Hz,1 / 3Average)
- h:\5pair_15degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

- h:\5pair_15degmode(8000Hz,1 / 3Average)
- h:\5pair_15degmode(6300Hz,1 / 3Average)
- h:\5pair_15degmode(5000Hz,1 / 3Average)

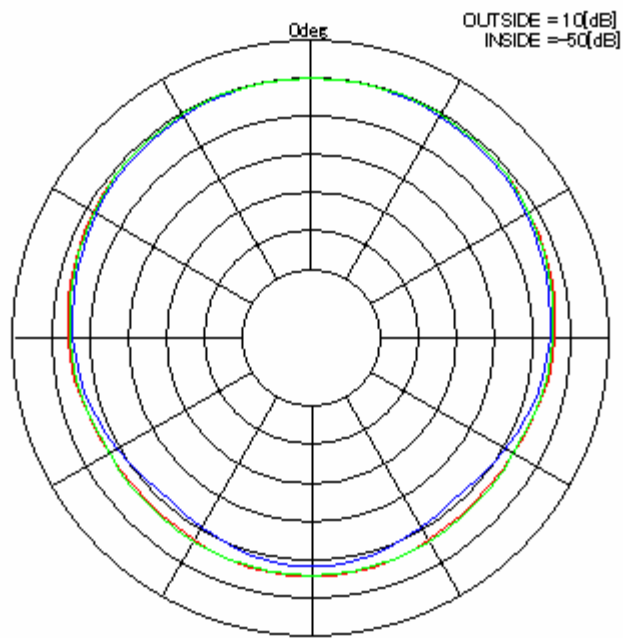


SPL Polar Pattern

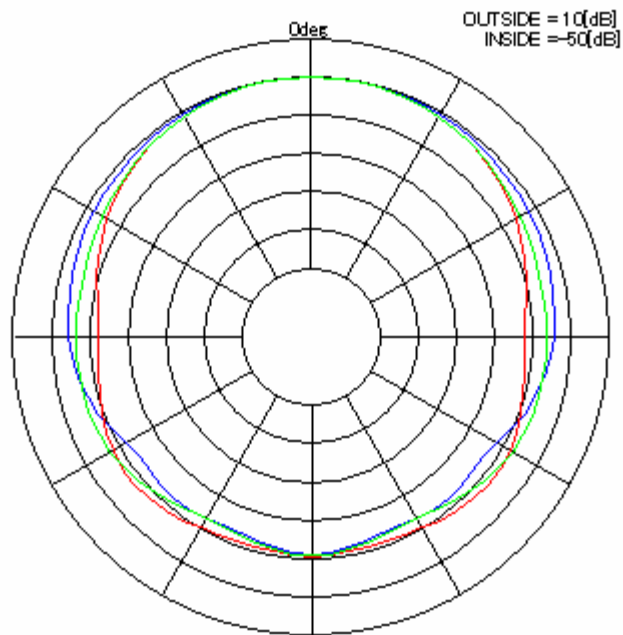
- h:\5pair_15degmode(16000Hz,1 / 3Average)
- h:\5pair_15degmode(12500Hz,1 / 3Average)
- h:\5pair_15degmode(10000Hz,1 / 3Average)

Horizontal Plane

HX-5B/W/B-WP/W-WP (60degree-mode)

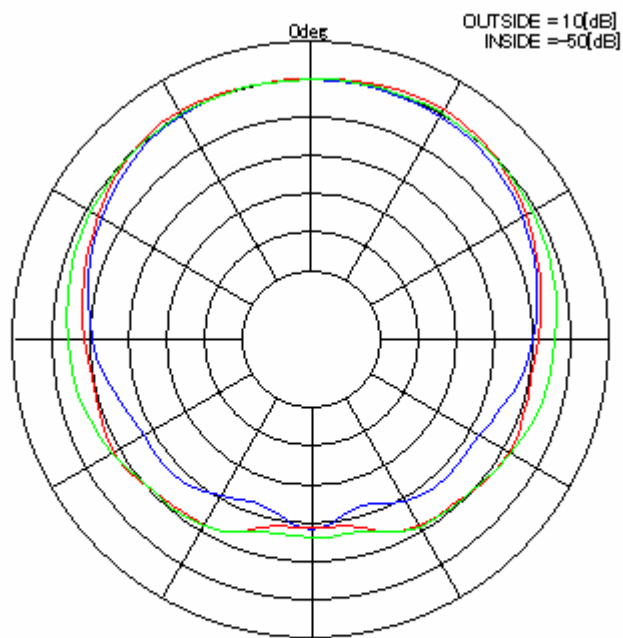


- h>5_60degmode(500Hz,1 / 3Average)
- h>5_60degmode(400Hz,1 / 3Average)
- h>5_60degmode(315Hz,1 / 3Average)



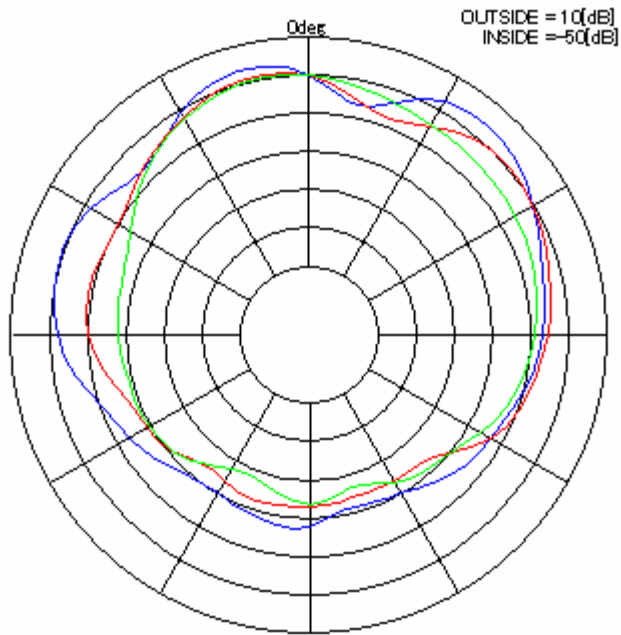
SPL Polar Pattern

- h:\5_60degmode(1000Hz,1 / 3Average)
- h:\5_60degmode(800Hz,1 / 3Average)
- h:\5_60degmode(630Hz,1 / 3Average)



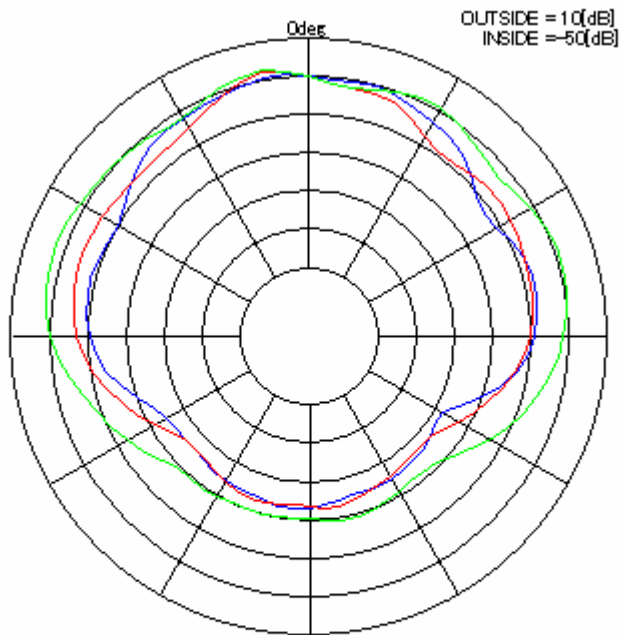
SPL Polar Pattern

- h:\5_60degmode(2000Hz,1 / 3Average)
- h:\5_60degmode(1600Hz,1 / 3Average)
- h:\5_60degmode(1250Hz,1 / 3Average)



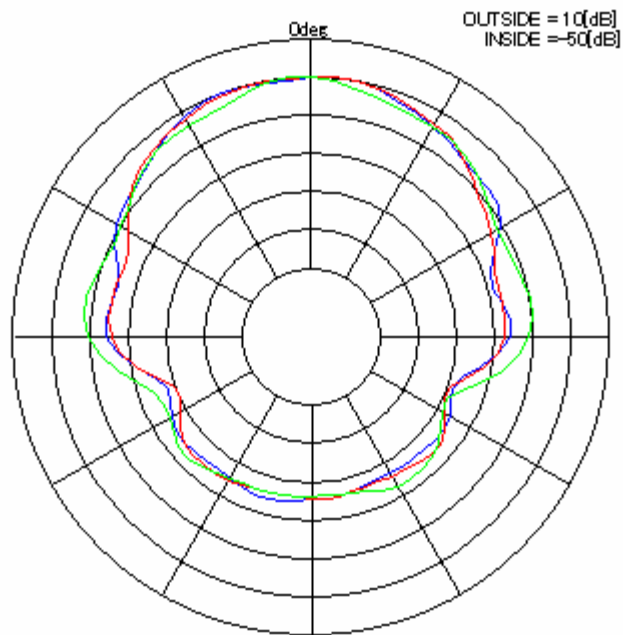
SPL Polar Pattern

- h*5_60degmode(4000Hz,1 / 3 Average)
- h*5_60degmode(3150Hz,1 / 3 Average)
- h*5_60degmode(2500Hz,1 / 3 Average)

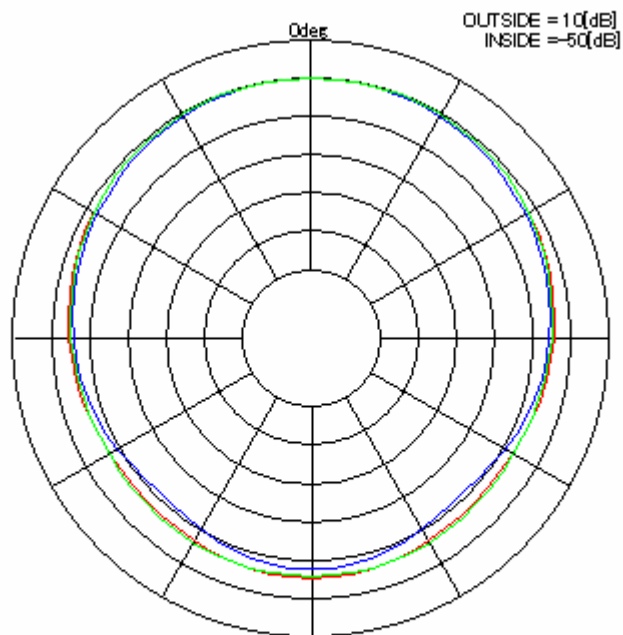


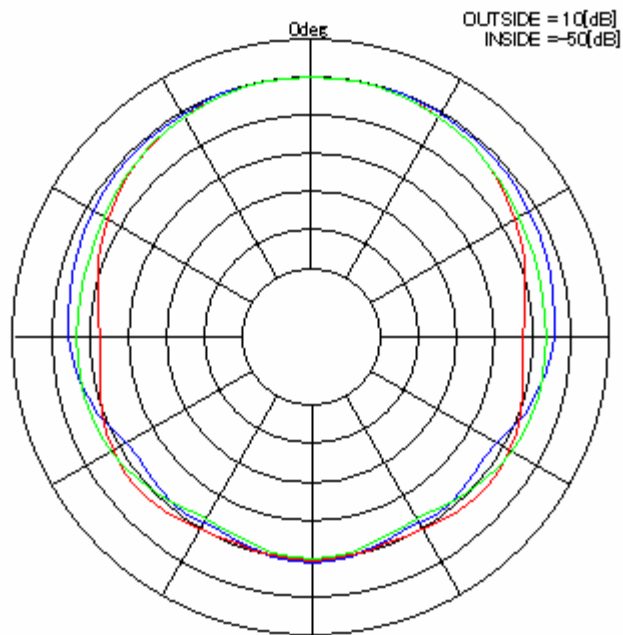
SPL Polar Pattern

- h*5_60degmode(8000Hz,1 / 3 Average)
- h*5_60degmode(6300Hz,1 / 3 Average)
- h*5_60degmode(5000Hz,1 / 3 Average)



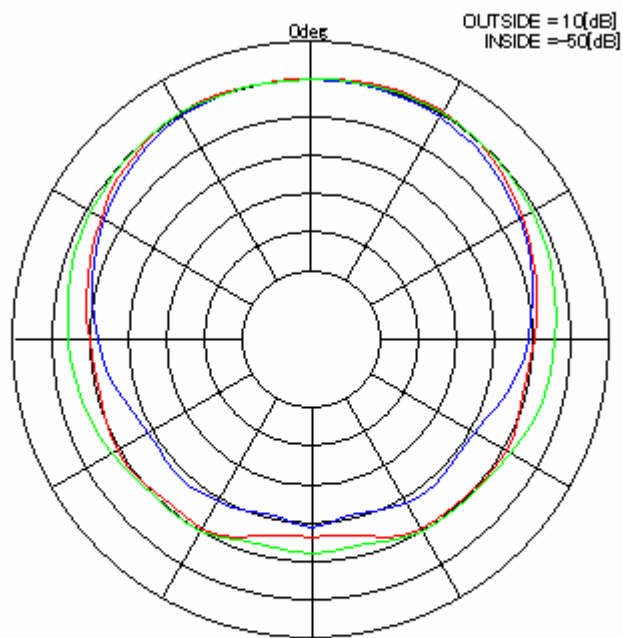
HX-5B/W/B-WP/W-WP (45degree-mode)





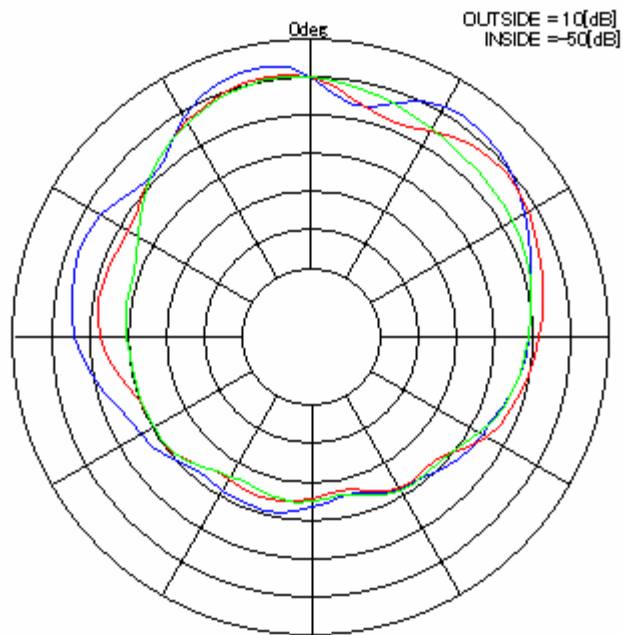
SPL Polar Pattern

- h:\5_45degmode(1000Hz,1 / 3Average)
- h:\5_45degmode(800Hz,1 / 3Average)
- h:\5_45degmode(630Hz,1 / 3Average)



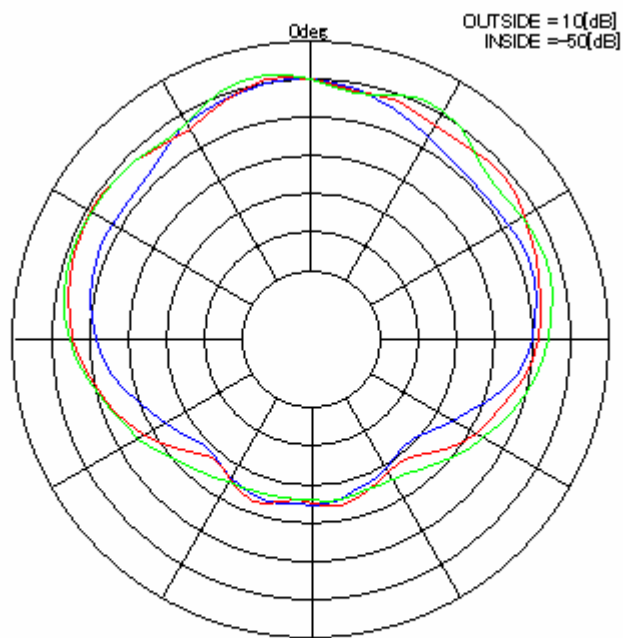
SPL Polar Pattern

- h:\5_45degmode(2000Hz,1 / 3Average)
- h:\5_45degmode(1600Hz,1 / 3Average)
- h:\5_45degmode(1250Hz,1 / 3Average)



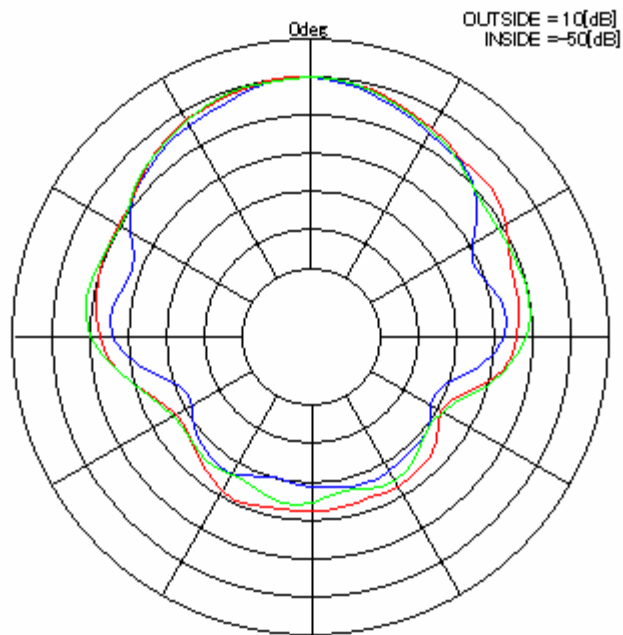
SPL Polar Pattern

- h:\5_45degmode(4000Hz,1 / 3 Average)
- h:\5_45degmode(3150Hz,1 / 3 Average)
- h:\5_45degmode(2500Hz,1 / 3 Average)



SPL Polar Pattern

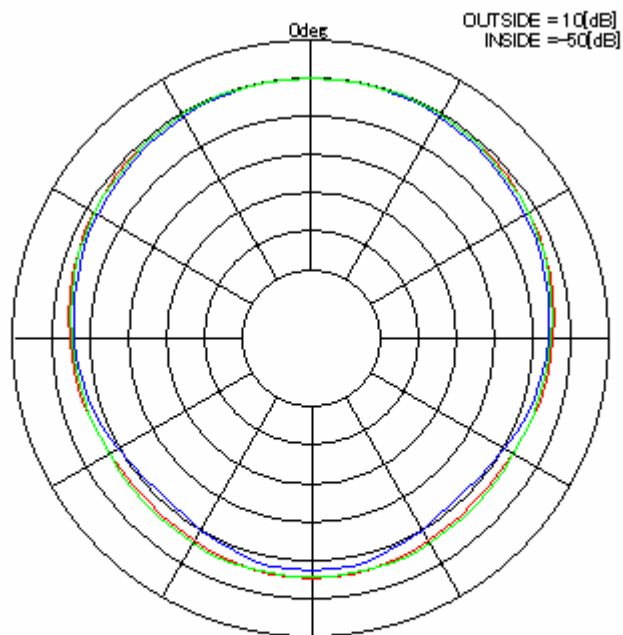
- h:\5_45degmode(8000Hz,1 / 3 Average)
- h:\5_45degmode(6300Hz,1 / 3 Average)
- h:\5_45degmode(5000Hz,1 / 3 Average)



SPL Polar Pattern

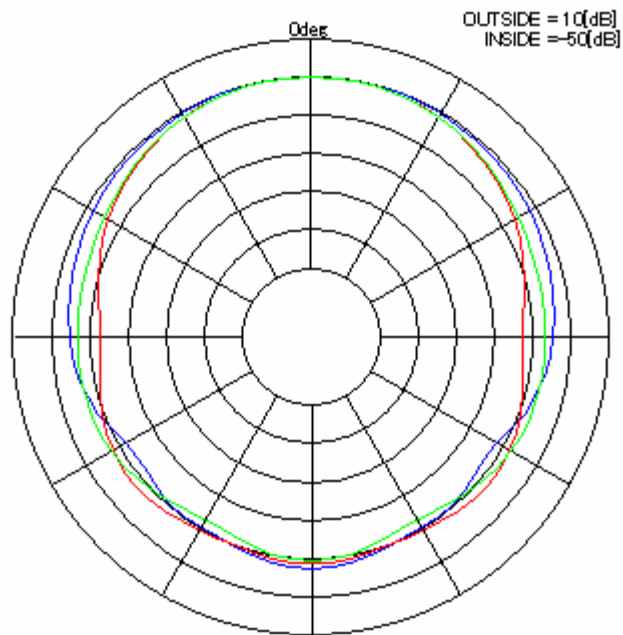
- h:\5_45degmode(1600Hz,1 / 3Average)
- h:\5_45degmode(1250Hz,1 / 3Average)
- h:\5_45degmode(1000Hz,1 / 3Average)

HX-5B/W/B-WP/W-WP (30degree-mode)



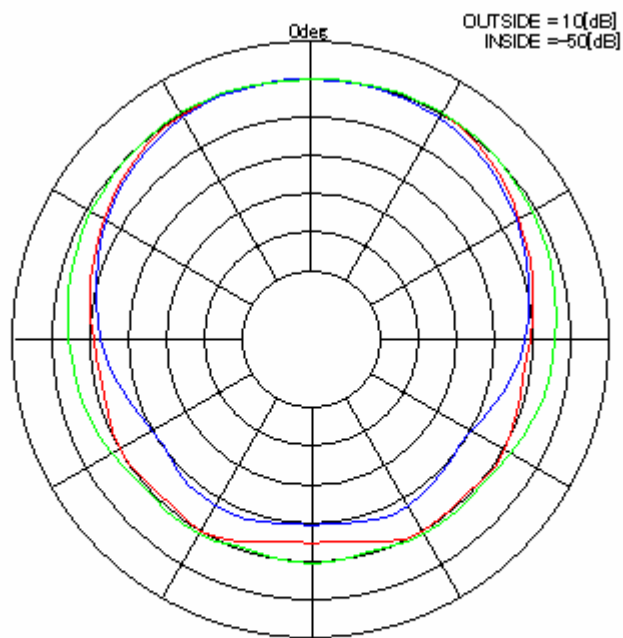
SPL Polar Pattern

- h:\5_30degmode(500Hz,1 / 3Average)
- h:\5_30degmode(400Hz,1 / 3Average)
- h:\5_30degmode(315Hz,1 / 3Average)



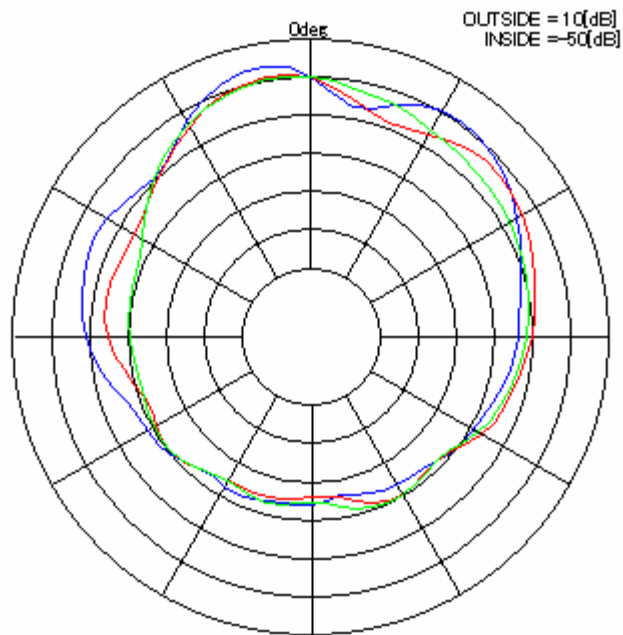
SPL Polar Pattern

- h:\5_30degmode(1000Hz,1 / 3Average)
- h:\5_30degmode(800Hz,1 / 3Average)
- h:\5_30degmode(630Hz,1 / 3Average)



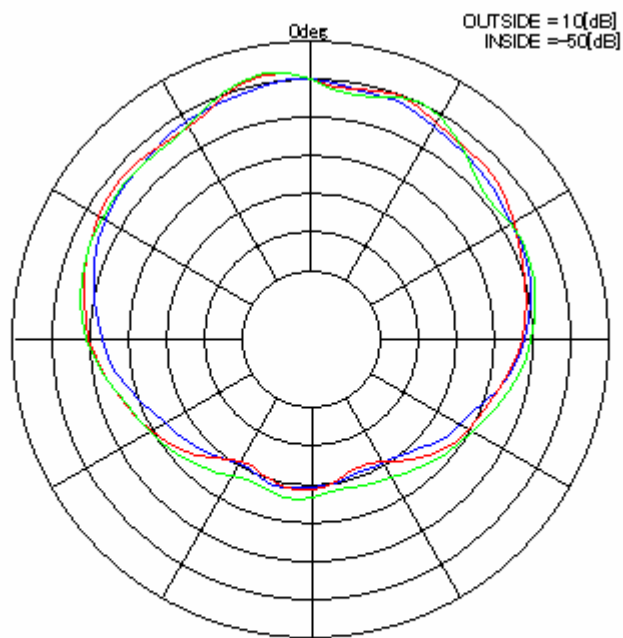
SPL Polar Pattern

- h:\5_30degmode(2000Hz,1 / 3Average)
- h:\5_30degmode(1600Hz,1 / 3Average)
- h:\5_30degmode(1250Hz,1 / 3Average)



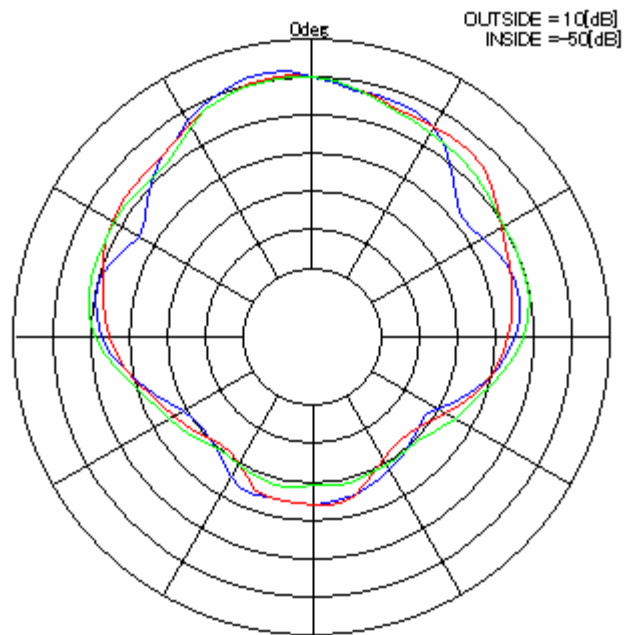
SPL Polar Pattern

- h×5_30degmode(4000Hz,1 / 3 Average)
- h×5_30degmode(3150Hz,1 / 3 Average)
- h×5_30degmode(2500Hz,1 / 3 Average)



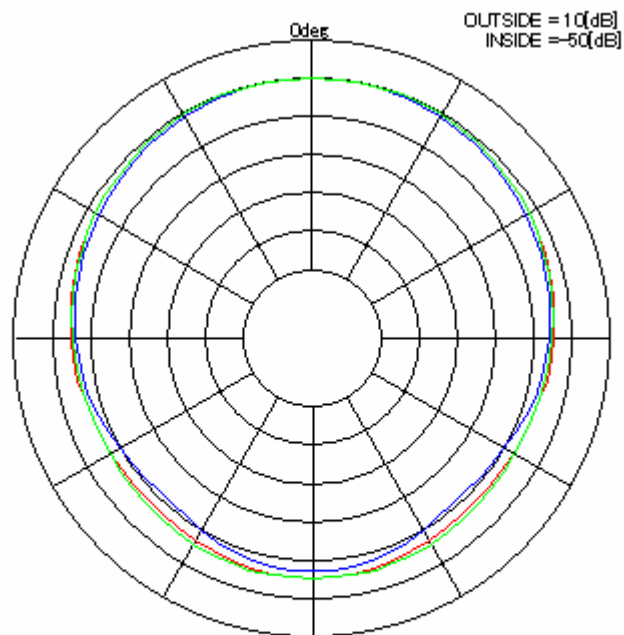
SPL Polar Pattern

- h×5_30degmode(8000Hz,1 / 3 Average)
- h×5_30degmode(6300Hz,1 / 3 Average)
- h×5_30degmode(5000Hz,1 / 3 Average)

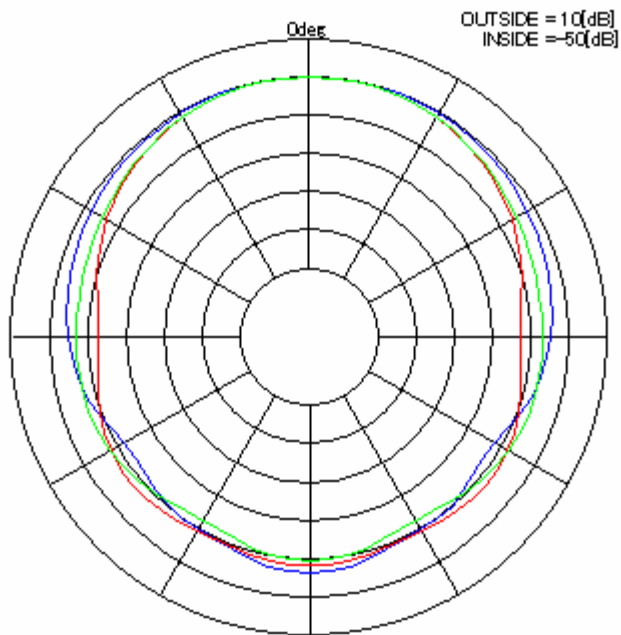


- h:\5_30degmode(16000Hz,1 / 3Average)
- h:\5_30degmode(12500Hz,1 / 3Average)
- h:\5_30degmode(10000Hz,1 / 3Average)

HX-5B/W/B-WP/W-WP (15degree-mode)

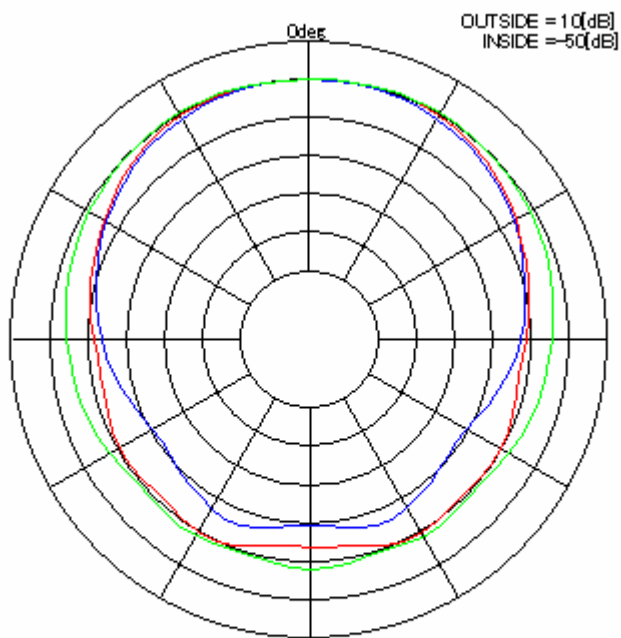


- h:\5_15degmode(500Hz,1 / 3Average)
- h:\5_15degmode(400Hz,1 / 3Average)
- h:\5_15degmode(315Hz,1 / 3Average)



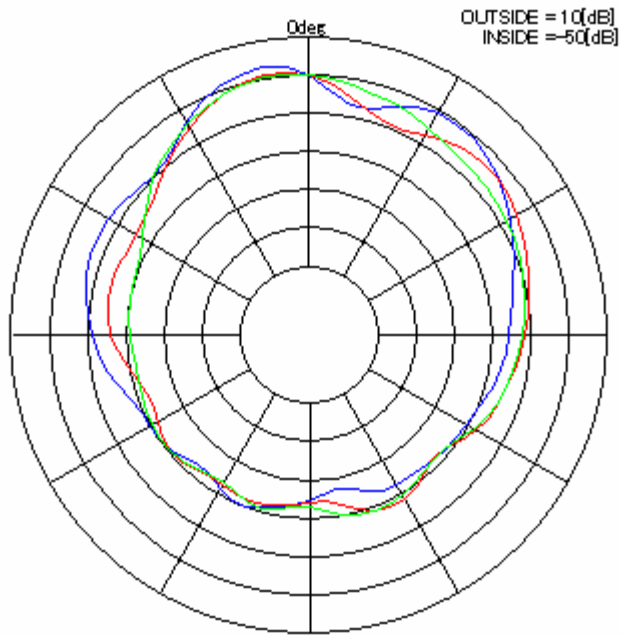
SPL Polar Pattern

- h:\5_15degmode(1000Hz,1 / 3Average)
- h:\5_15degmode(800Hz,1 / 3Average)
- h:\5_15degmode(630Hz,1 / 3Average)



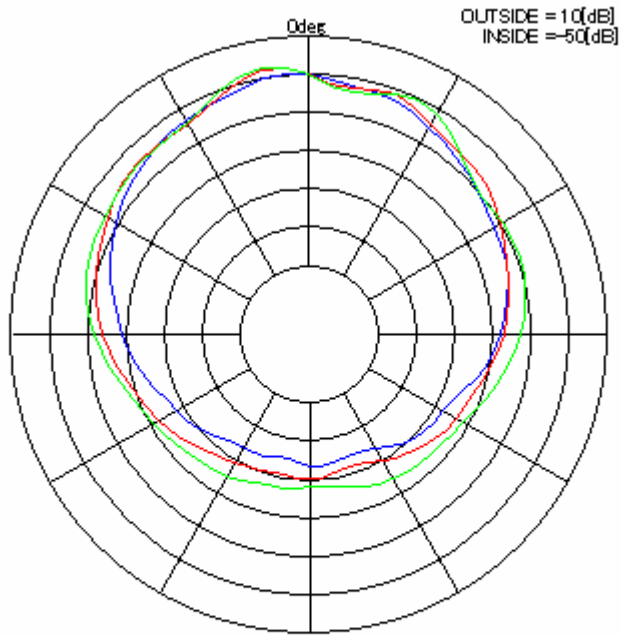
SPL Polar Pattern

- h:\5_15degmode(2000Hz,1 / 3Average)
- h:\5_15degmode(1600Hz,1 / 3Average)
- h:\5_15degmode(1250Hz,1 / 3Average)



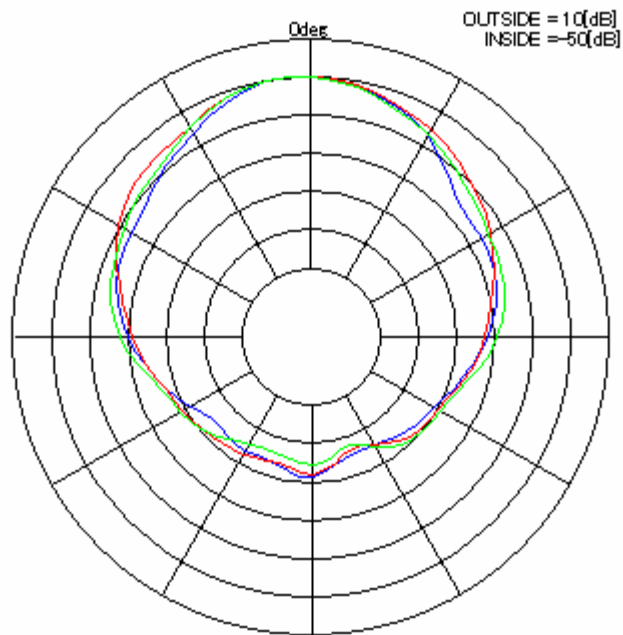
SPL Polar Pattern

- h:\5_15degmode(4000Hz,1 / 3 Average)
- h:\5_15degmode(3150Hz,1 / 3 Average)
- h:\5_15degmode(2500Hz,1 / 3 Average)



SPL Polar Pattern

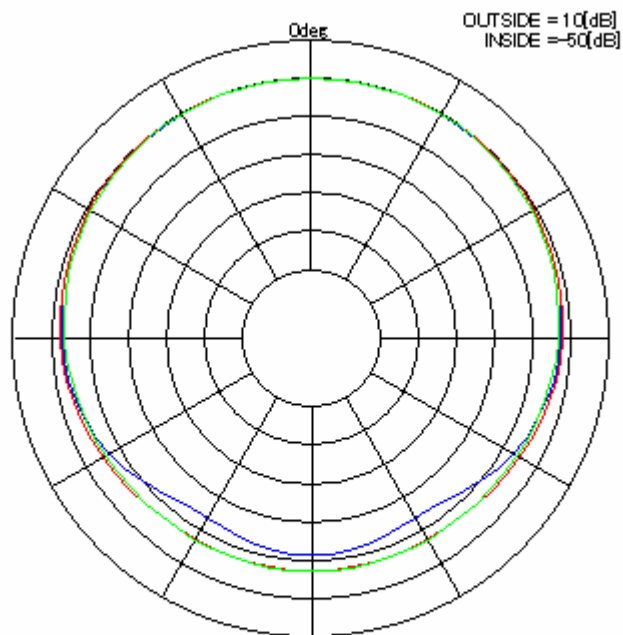
- h:\5_15degmode(8000Hz,1 / 3 Average)
- h:\5_15degmode(6300Hz,1 / 3 Average)
- h:\5_15degmode(5000Hz,1 / 3 Average)



SPL Polar Pattern

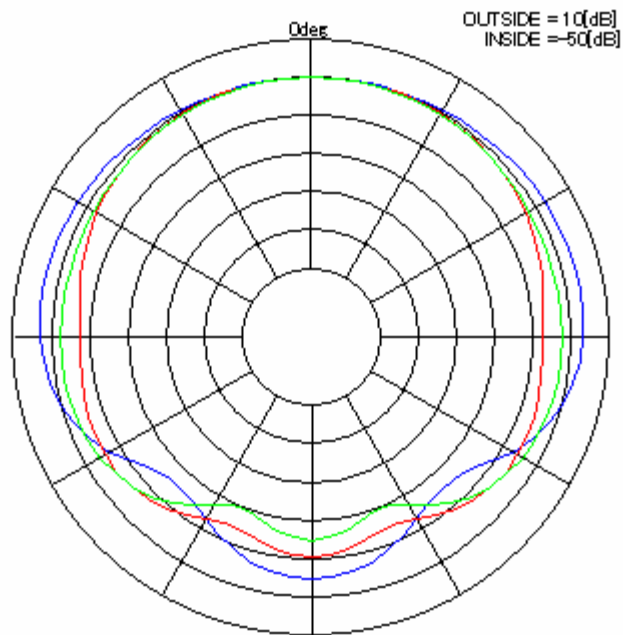
- h:\5_15degmode(16000Hz,1 / 3Average)
- h:\5_15degmode(12500Hz,1 / 3Average)
- h:\5_15degmode(10000Hz,1 / 3Average)

Pair of HX-5B/W/B-WP/W-WP (60degree-mode X 2)



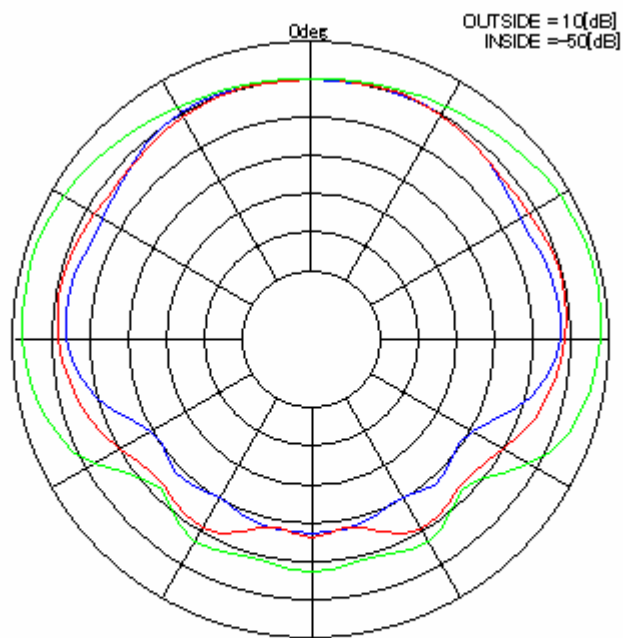
SPL Polar Pattern

- h:\5pair_60degmode(500Hz,1 / 3Average)
- h:\5pair_60degmode(400Hz,1 / 3Average)
- h:\5pair_60degmode(315Hz,1 / 3Average)



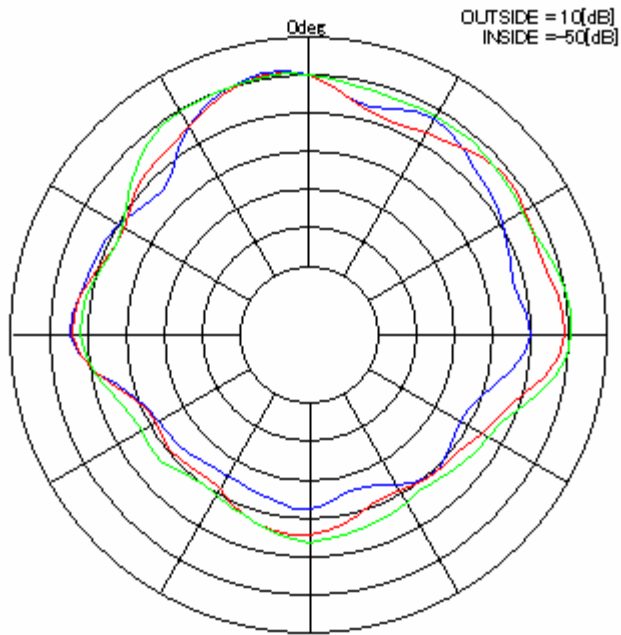
SPL Polar Pattern

- h:\5pair_60degmode(1000Hz,1 / 3Average)
- h:\5pair_60degmode(800Hz,1 / 3Average)
- h:\5pair_60degmode(630Hz,1 / 3Average)



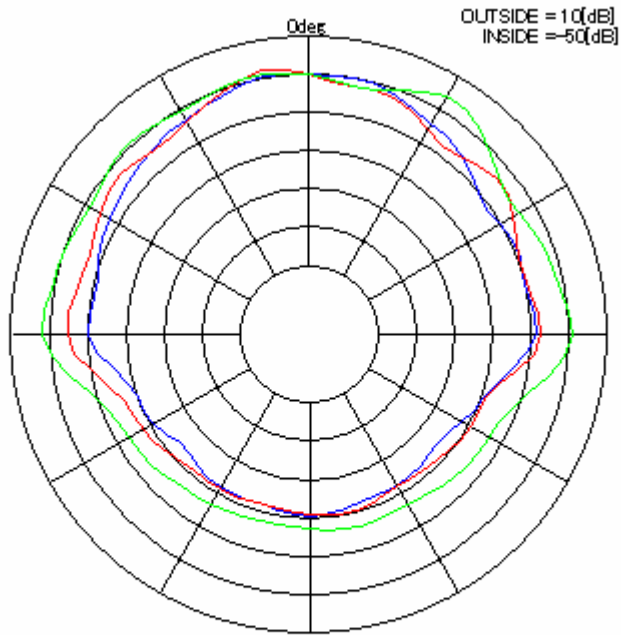
SPL Polar Pattern

- h:\5pair_60degmode(2000Hz,1 / 3Average)
- h:\5pair_60degmode(1600Hz,1 / 3Average)
- h:\5pair_60degmode(1250Hz,1 / 3Average)



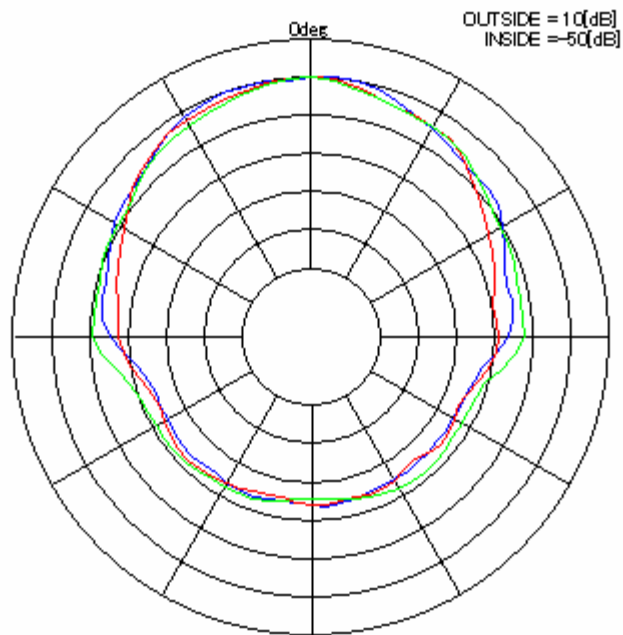
SPL Polar Pattern

- h:\5pair_60degmode(4000Hz,1 / 3Average)
- h:\5pair_60degmode(3150Hz,1 / 3Average)
- h:\5pair_60degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

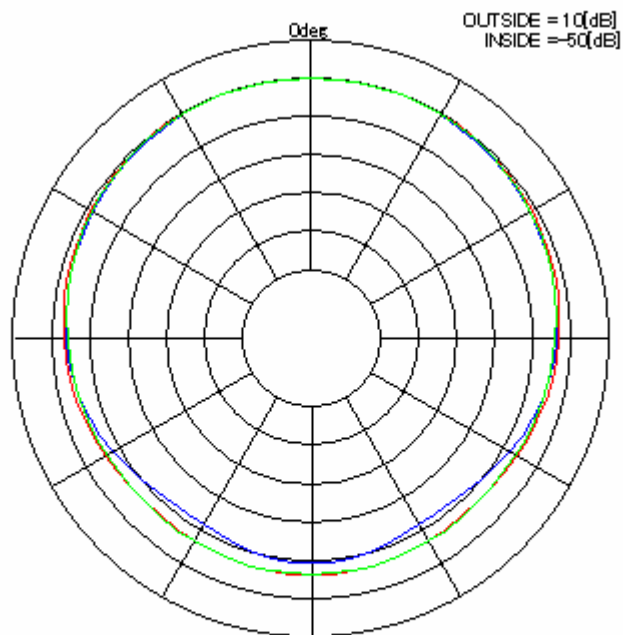
- h:\5pair_60degmode(8000Hz,1 / 3Average)
- h:\5pair_60degmode(6300Hz,1 / 3Average)
- h:\5pair_60degmode(5000Hz,1 / 3Average)



SPL Polar Pattern

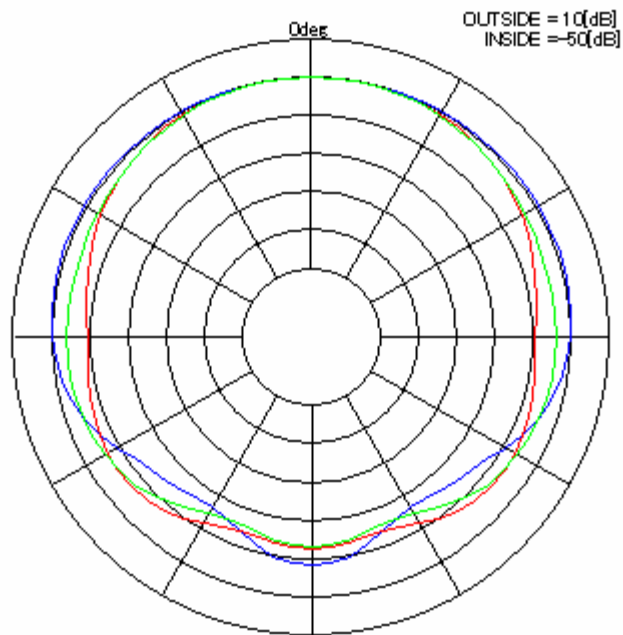
- h:\5pair_60degmode(16000Hz,1 / 3Average)
- h:\5pair_60degmode(12500Hz,1 / 3Average)
- h:\5pair_60degmode(10000Hz,1 / 3Average)

Pair of HX-5BW/B-WP/W-WP (45degree-mode X 2)



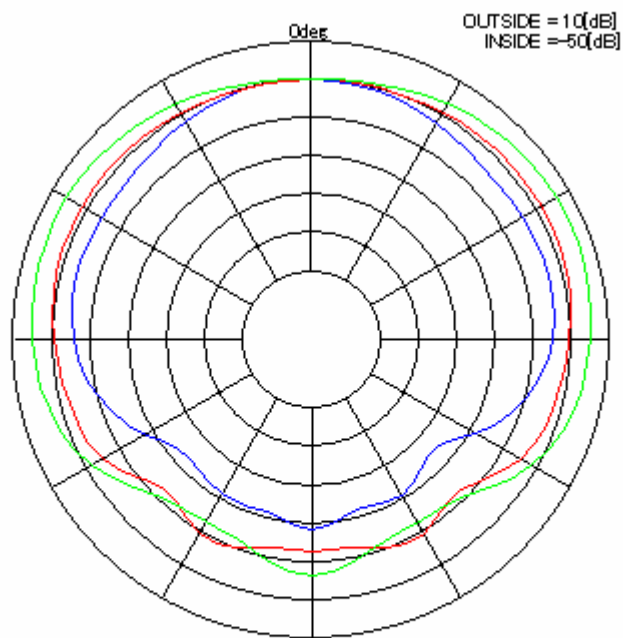
SPL Polar Pattern

- h:\5pair_45degmode(500Hz,1 / 3Average)
- h:\5pair_45degmode(400Hz,1 / 3Average)
- h:\5pair_45degmode(315Hz,1 / 3Average)



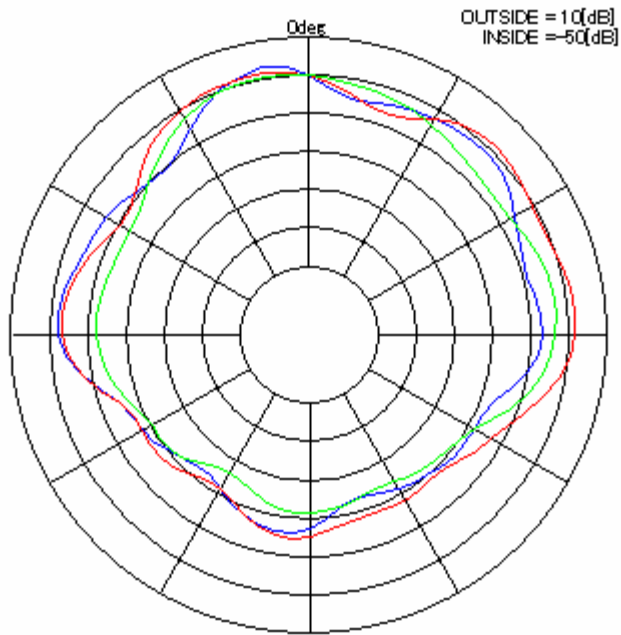
SPL Polar Pattern

- h×5pair_45degmode(1000Hz,1 / 3Average)
- h×5pair_45degmode(800Hz,1 / 3Average)
- h×5pair_45degmode(630Hz,1 / 3Average)



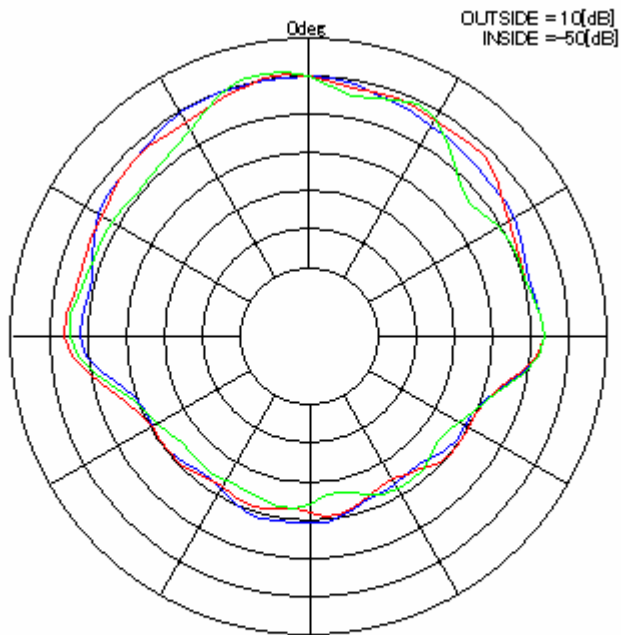
SPL Polar Pattern

- h×5pair_45degmode(2000Hz,1 / 3Average)
- h×5pair_45degmode(1600Hz,1 / 3Average)
- h×5pair_45degmode(1250Hz,1 / 3Average)



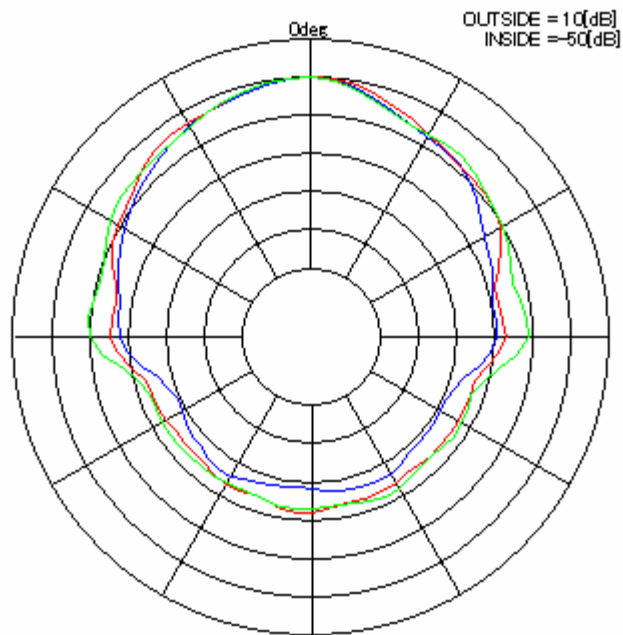
SPL Polar Pattern

- h:\5pair_45degmode(4000Hz,1 / 3Average)
- h:\5pair_45degmode(3150Hz,1 / 3Average)
- h:\5pair_45degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

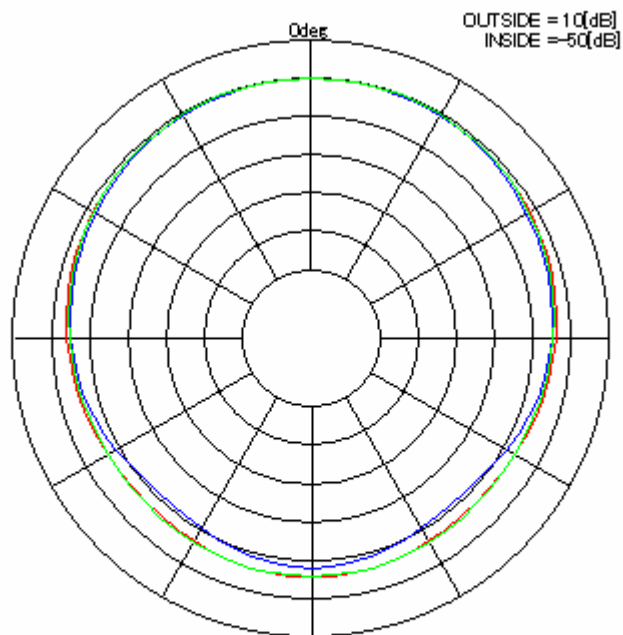
- h:\5pair_45degmode(8000Hz,1 / 3Average)
- h:\5pair_45degmode(6300Hz,1 / 3Average)
- h:\5pair_45degmode(5000Hz,1 / 3Average)



SPL Polar Pattern

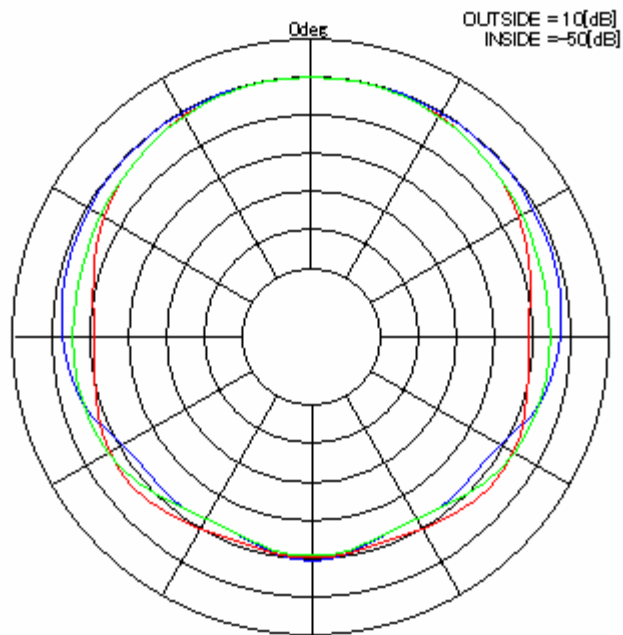
- h:5pair_45degmode(16000Hz,1 / 3Average)
- h:5pair_45degmode(12500Hz,1 / 3Average)
- h:5pair_45degmode(10000Hz,1 / 3Average)

Pair of HX-5BW/B-WP/W-WP (30degree-mode X 2)



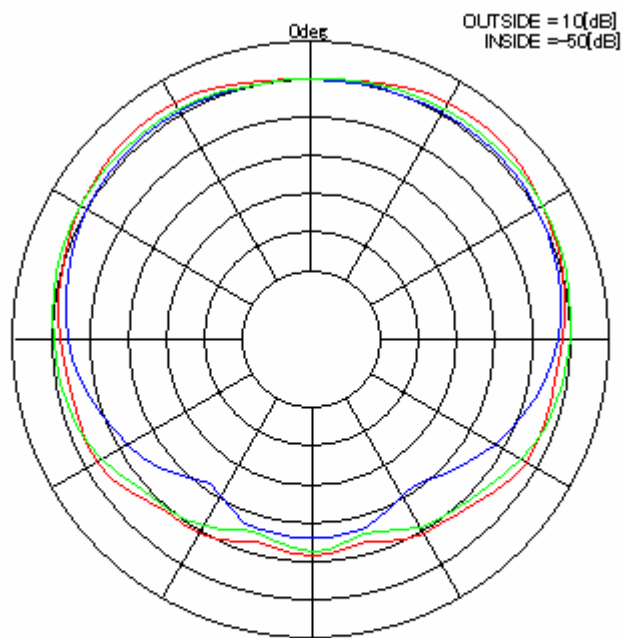
SPL Polar Pattern

- h:5pair_30degmode(500Hz,1 / 3Average)
- h:5pair_30degmode(400Hz,1 / 3Average)
- h:5pair_30degmode(315Hz,1 / 3Average)



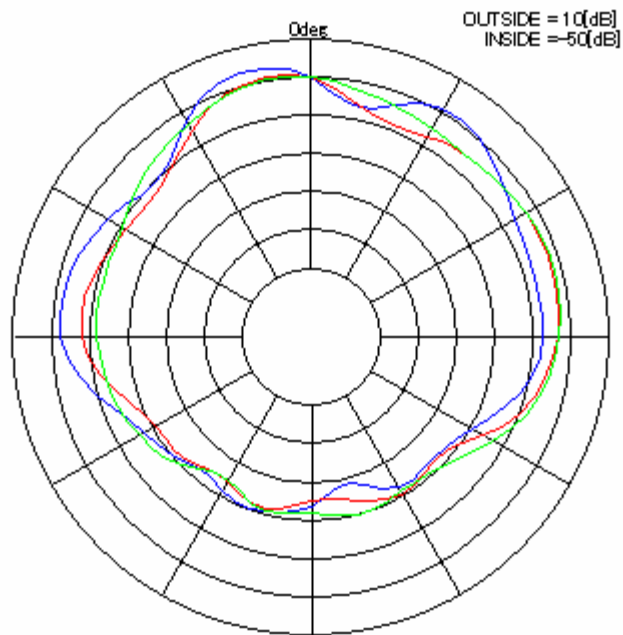
SPL Polar Pattern

- h:\5pair_30degmode(1000Hz,1 / 3Average)
- h:\5pair_30degmode(800Hz,1 / 3Average)
- h:\5pair_30degmode(630Hz,1 / 3Average)



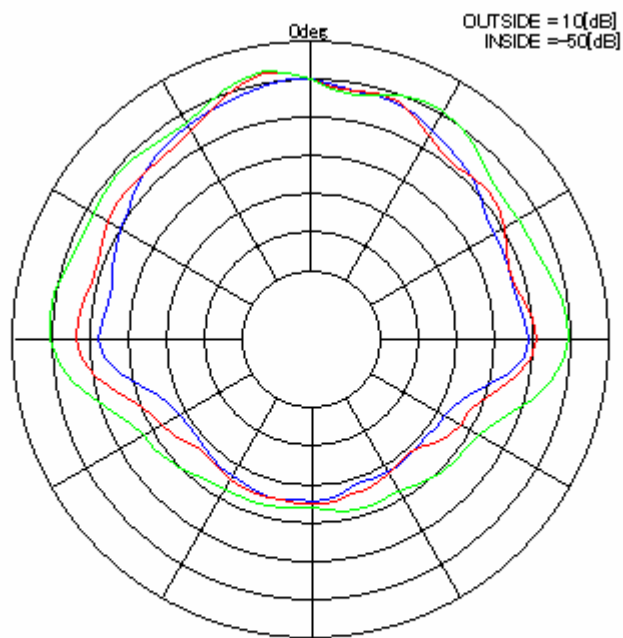
SPL Polar Pattern

- h:\5pair_30degmode(2000Hz,1 / 3Average)
- h:\5pair_30degmode(1600Hz,1 / 3Average)
- h:\5pair_30degmode(1250Hz,1 / 3Average)



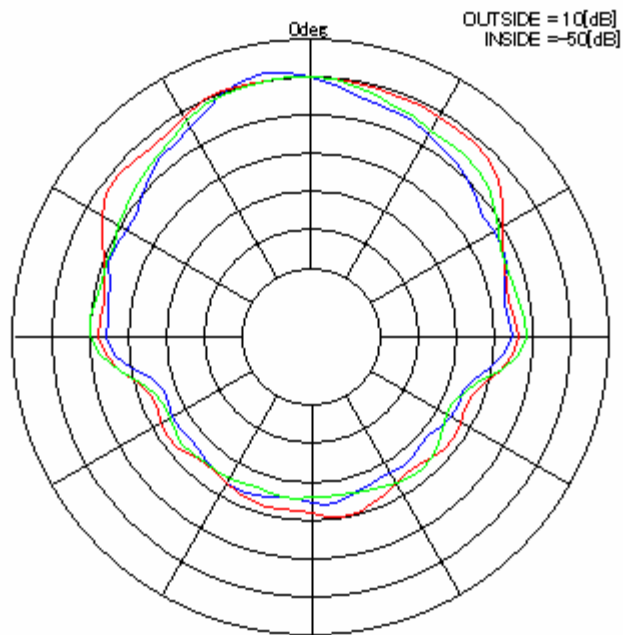
SPL Polar Pattern

- h:\5pair_30degmode(4000Hz,1 / 3Average)
- h:\5pair_30degmode(3150Hz,1 / 3Average)
- h:\5pair_30degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

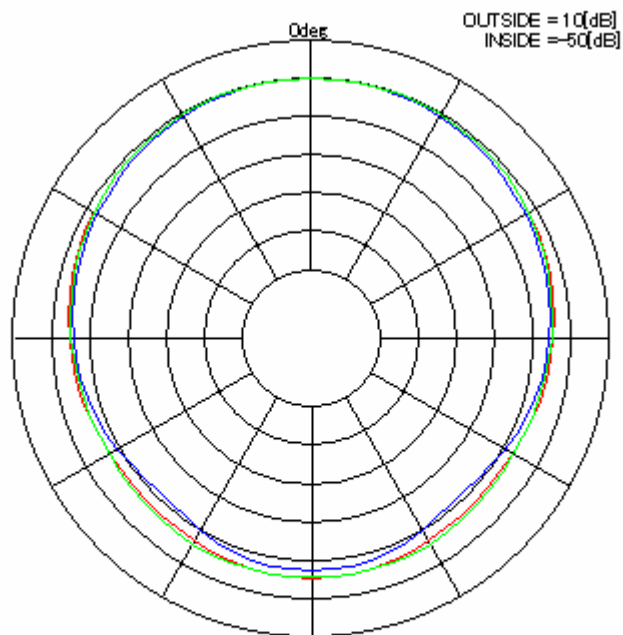
- h:\5pair_30degmode(8000Hz,1 / 3Average)
- h:\5pair_30degmode(6300Hz,1 / 3Average)
- h:\5pair_30degmode(5000Hz,1 / 3Average)



SPL Polar Pattern

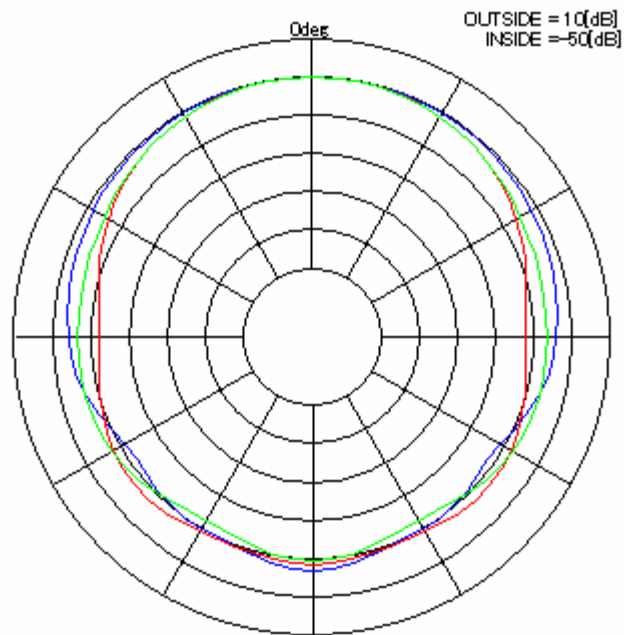
- h:\5pair_30degmode(16000Hz,1 / 3Average)
- h:\5pair_30degmode(12500Hz,1 / 3Average)
- h:\5pair_30degmode(10000Hz,1 / 3Average)

Pair of HX-5BW/B-WP/W-WP (15degree-mode X 2)



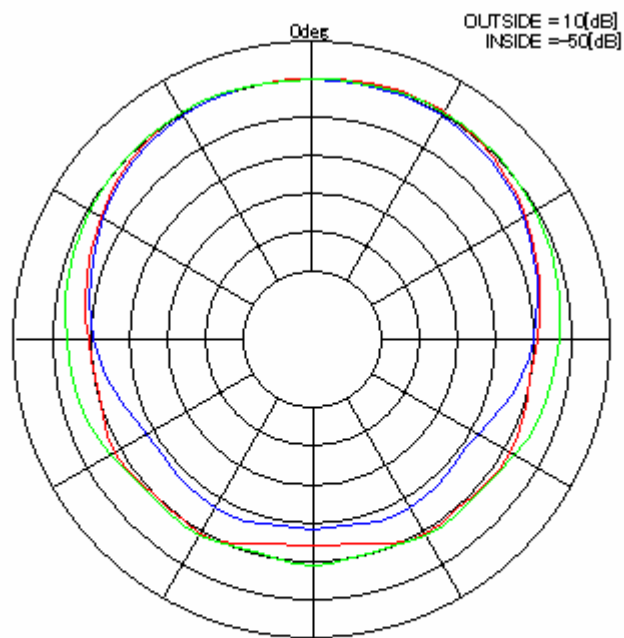
SPL Polar Pattern

- h:\5pair_15degmode(500Hz,1 / 3Average)
- h:\5pair_15degmode(400Hz,1 / 3Average)
- h:\5pair_15degmode(315Hz,1 / 3Average)



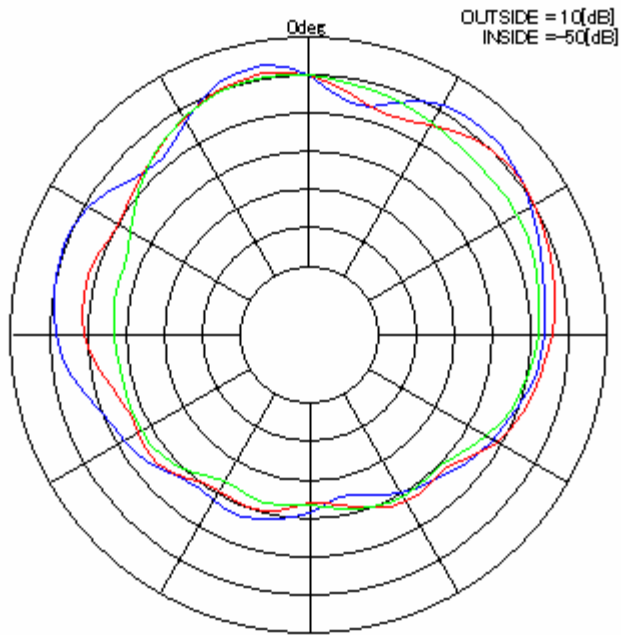
SPL Polar Pattern

- h×5pair_15degmode(1000Hz,1 / 3Average)
- h×5pair_15degmode(800Hz,1 / 3Average)
- h×5pair_15degmode(630Hz,1 / 3Average)



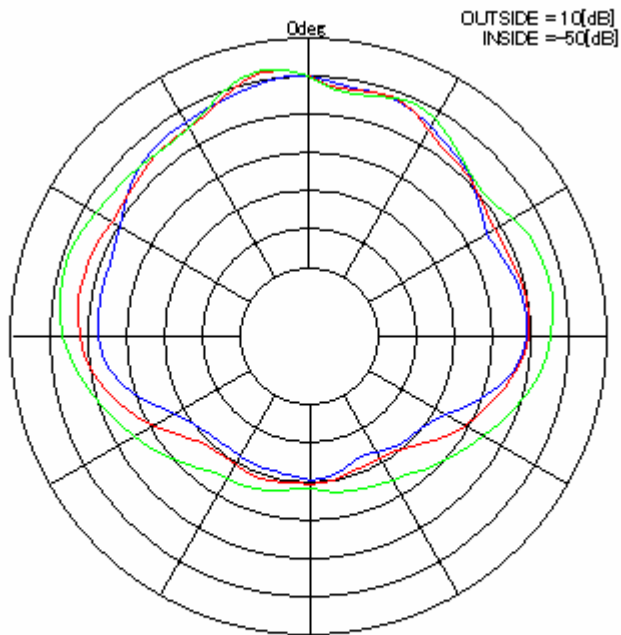
SPL Polar Pattern

- h×5pair_15degmode(2000Hz,1 / 3Average)
- h×5pair_15degmode(1600Hz,1 / 3Average)
- h×5pair_15degmode(1250Hz,1 / 3Average)



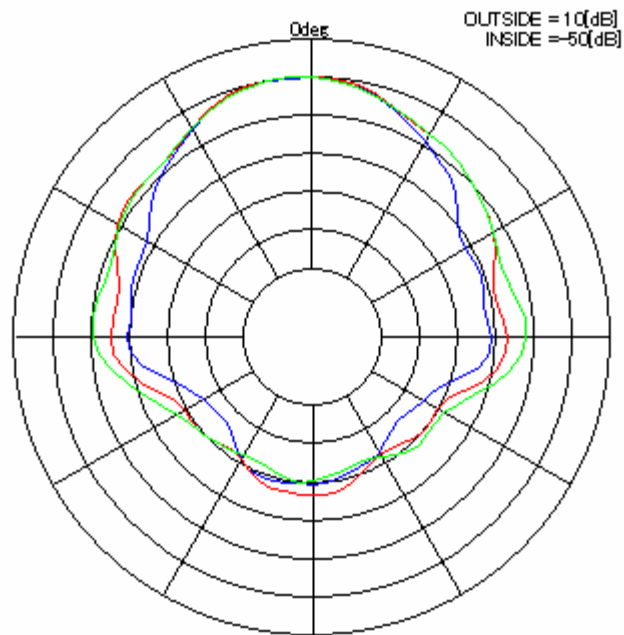
SPL Polar Pattern

- h:\5pair_15degmode(4000Hz,1 / 3Average)
- h:\5pair_15degmode(3150Hz,1 / 3Average)
- h:\5pair_15degmode(2500Hz,1 / 3Average)



SPL Polar Pattern

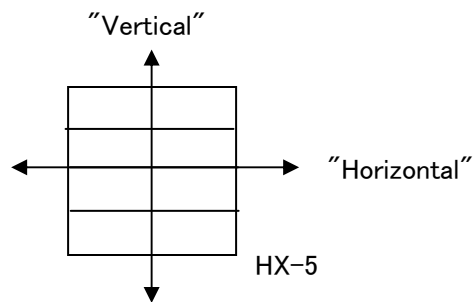
- h:\5pair_15degmode(8000Hz,1 / 3Average)
- h:\5pair_15degmode(6300Hz,1 / 3Average)
- h:\5pair_15degmode(5000Hz,1 / 3Average)



SPL Polar Pattern

- h×5pair_15degmode(16000Hz,1 / 3Average)
- h×5pair_15degmode(12500Hz,1 / 3Average)
- h×5pair_15degmode(10000Hz,1 / 3Average)

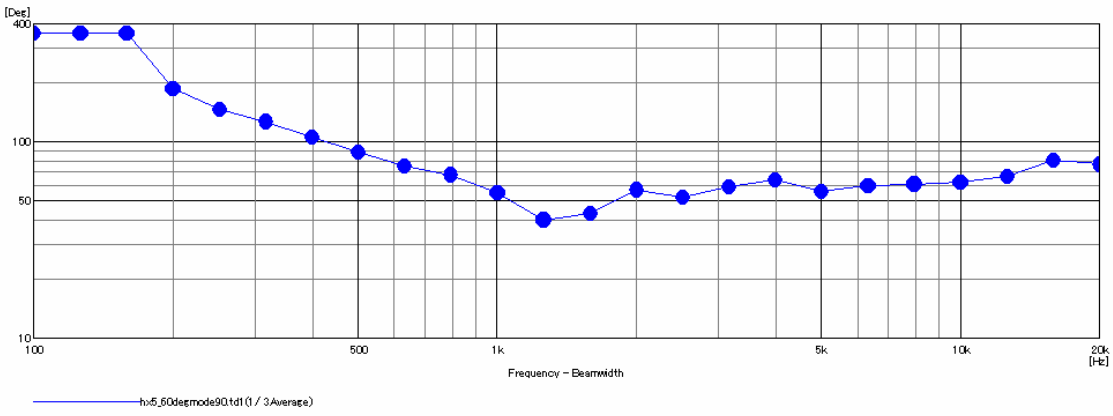
Beam width



Note: The HX-5 series can be used vertically or horizontally.

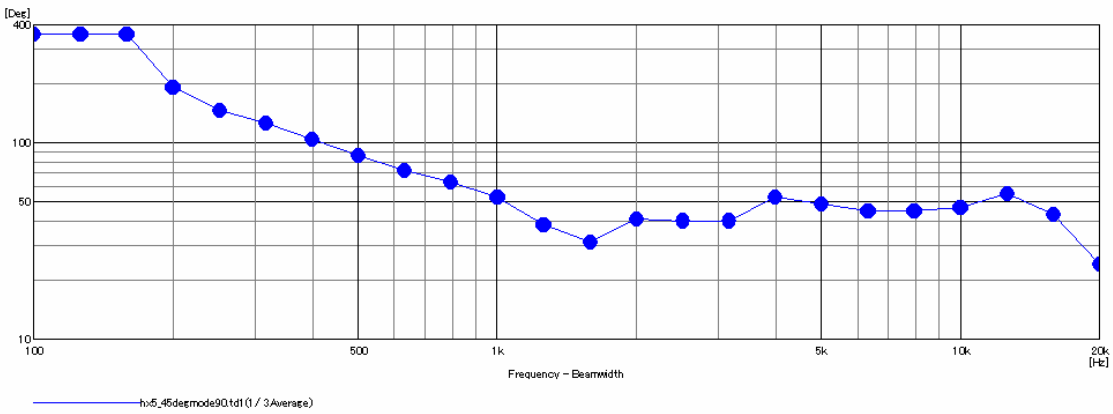
Vertical Plane

HX-5B/W/B-WP/W-WP (60degree-mode)

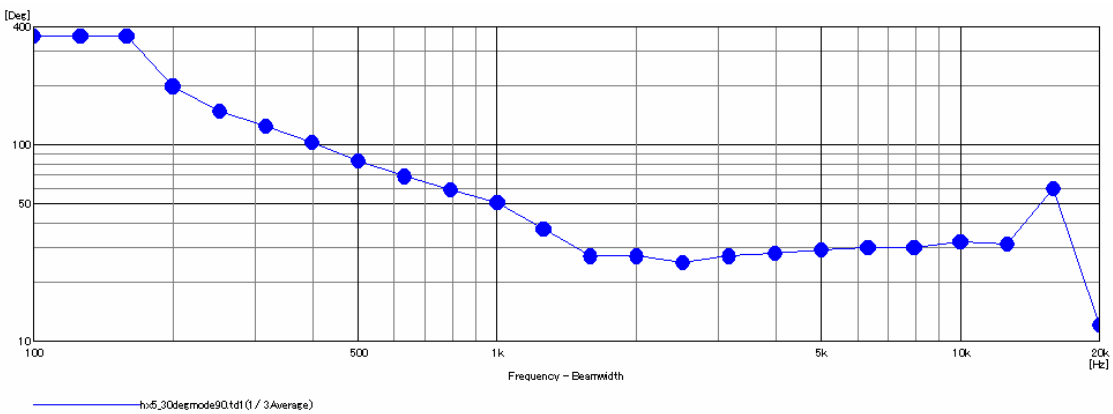


HX-5B/

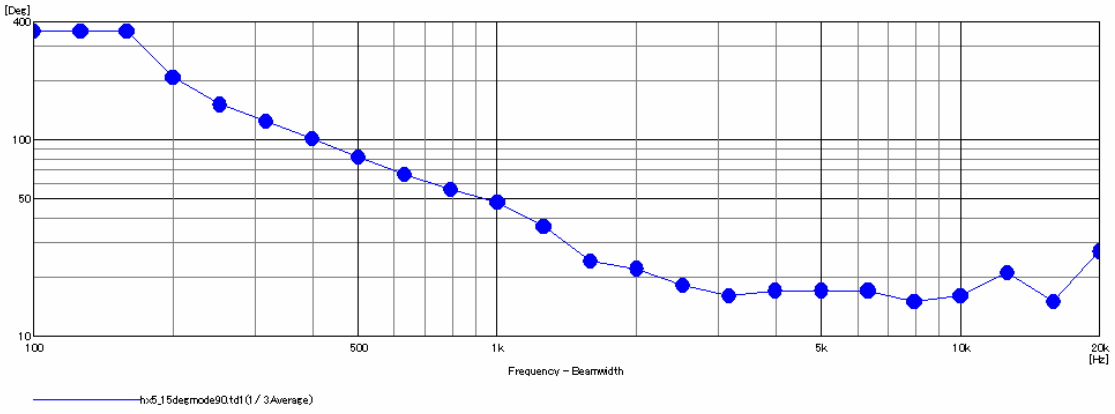
W/B-WP/W-WP (45degree-mode)



HX-5B/W/B-WP/W-WP (30degree-mode)

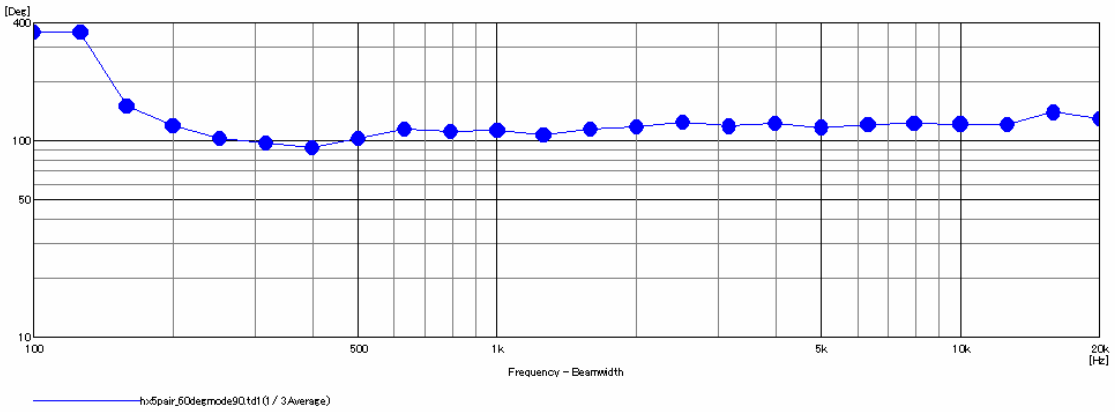


HX-5B/W/B-WP/W-WP (15degree-mode)

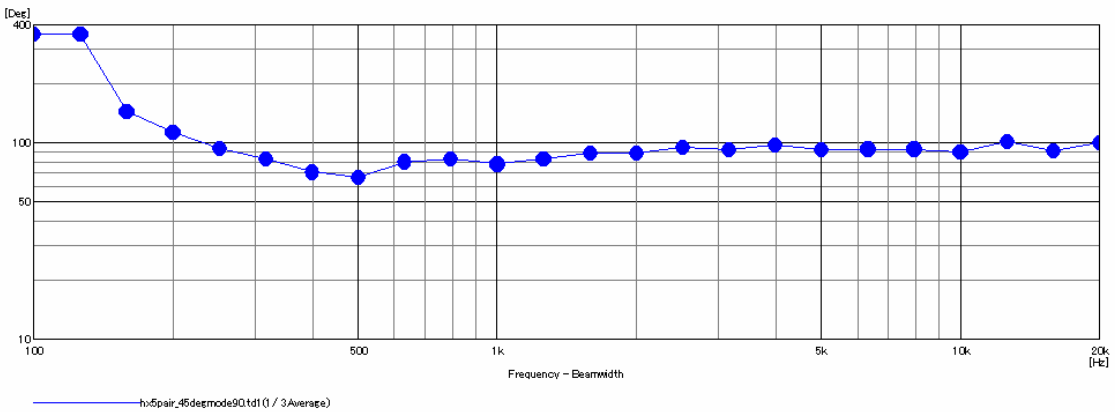


Pair of

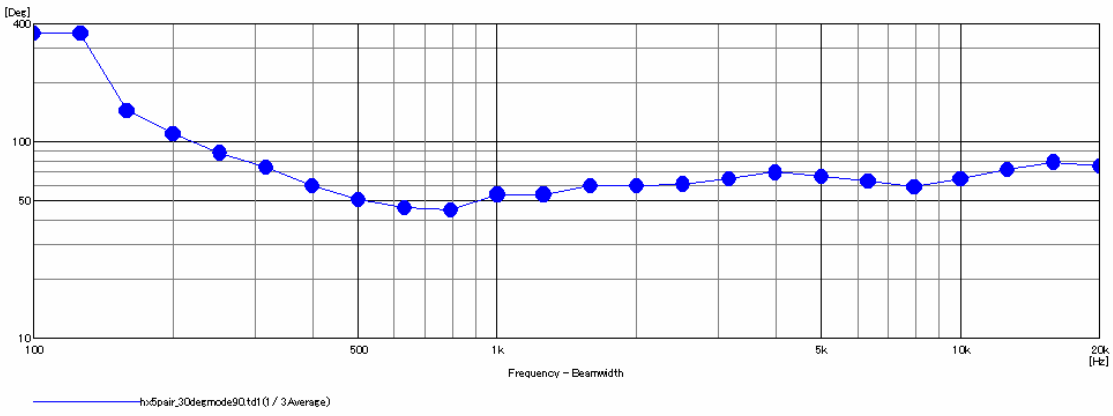
HX-5B/W/B-WP/W-WP (60degree-mode X 2)



Pair of HX-5B/W/B-WP/W-WP (45degree-mode X 2)

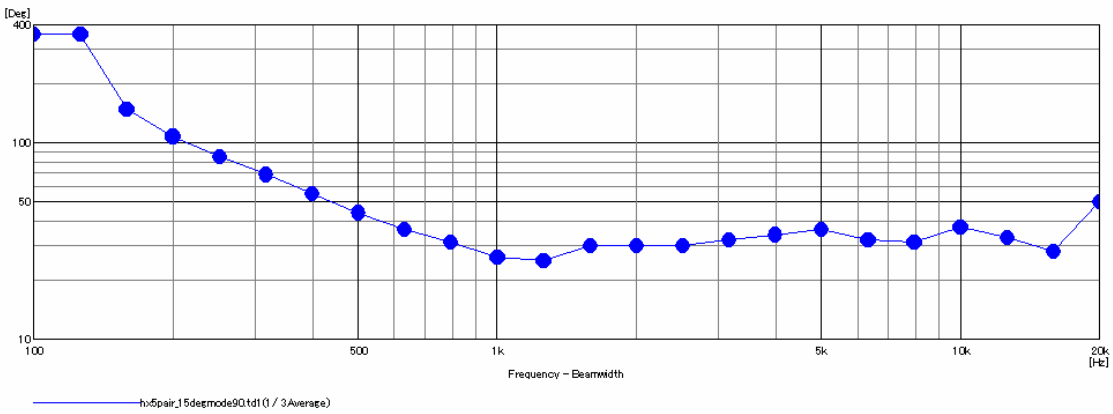


Pair of HX-5B/W/B-WP/W-WP (30degree-mode X 2)



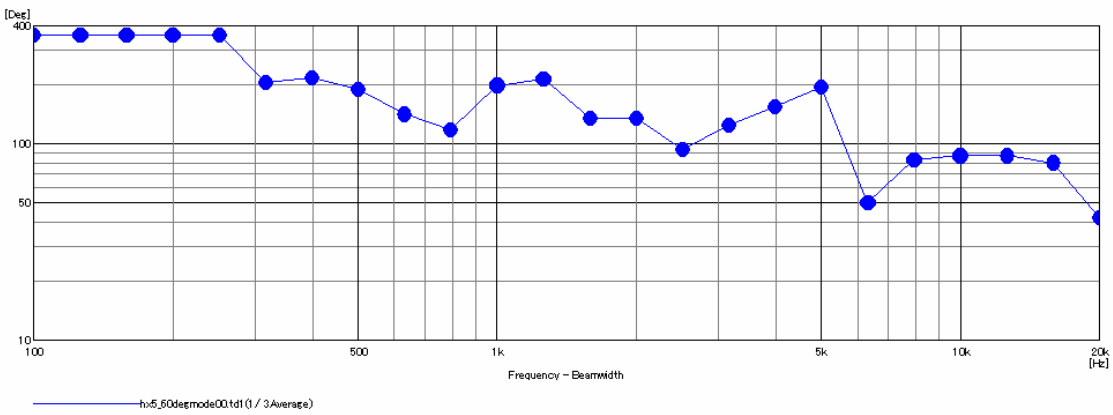
Pair of

HX-5B/W/B-WP/W-WP (15degree-mode X 2)

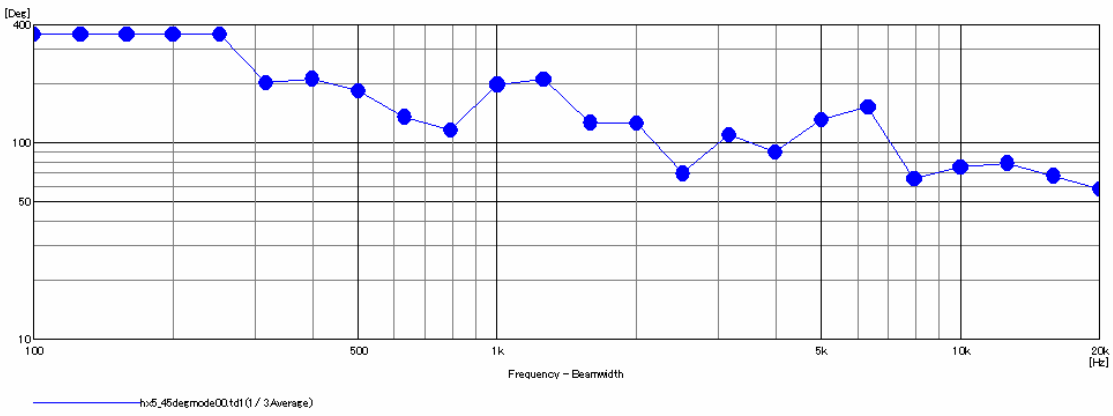


Horizontal Plane

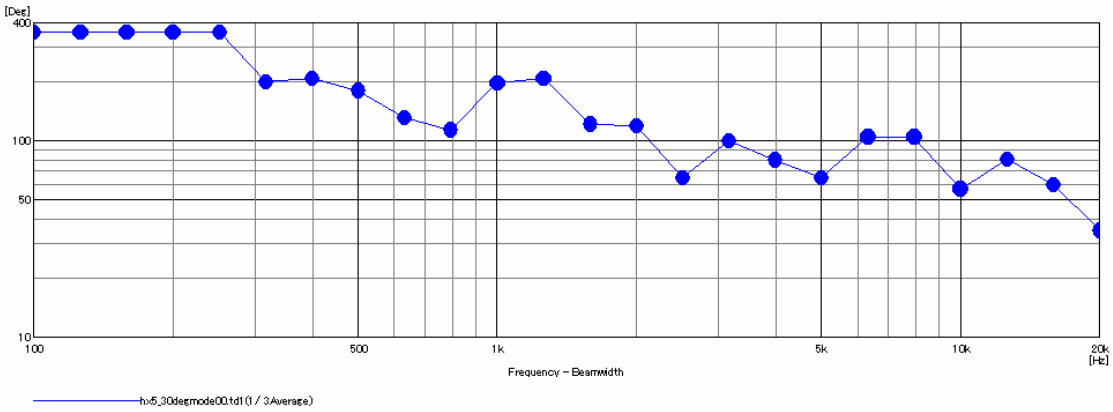
HX-5B/W/B-WP/W-WP (60degree-mode)



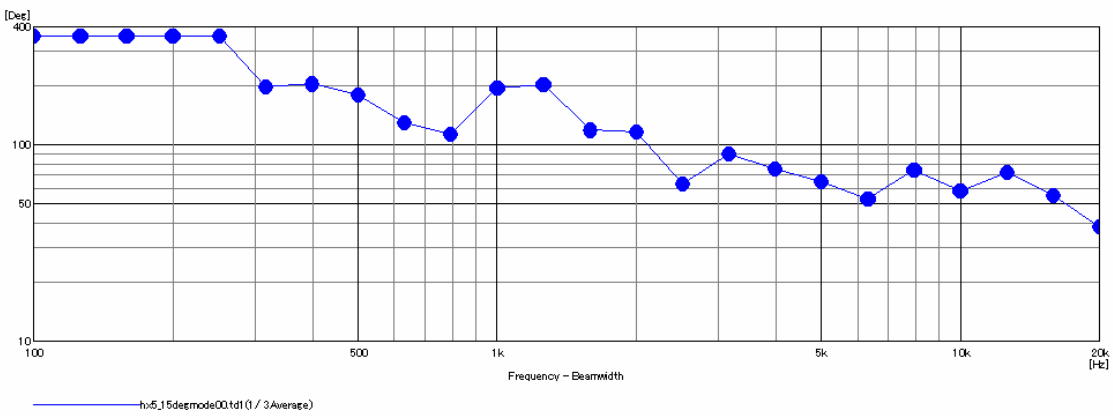
HX-5B/W/B-WP/W-WP (45degree-mode)



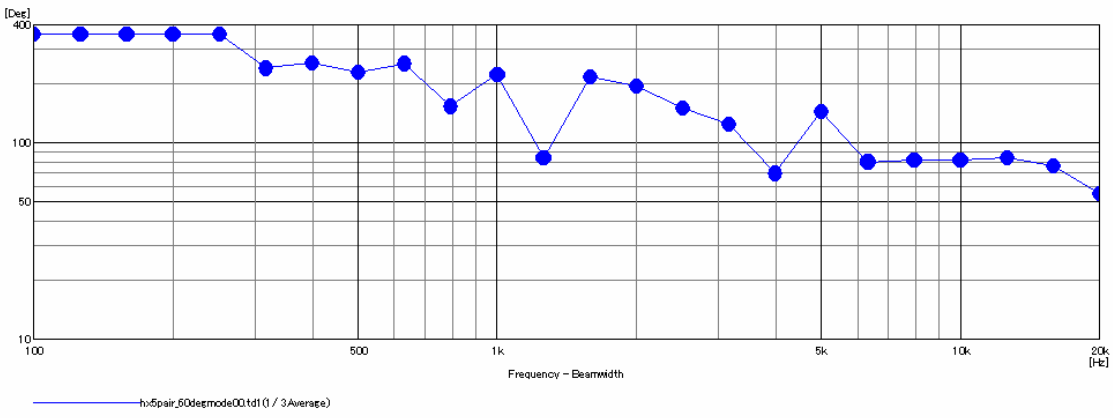
HX-5B/W/B-WP/W-WP (30degree-mode)



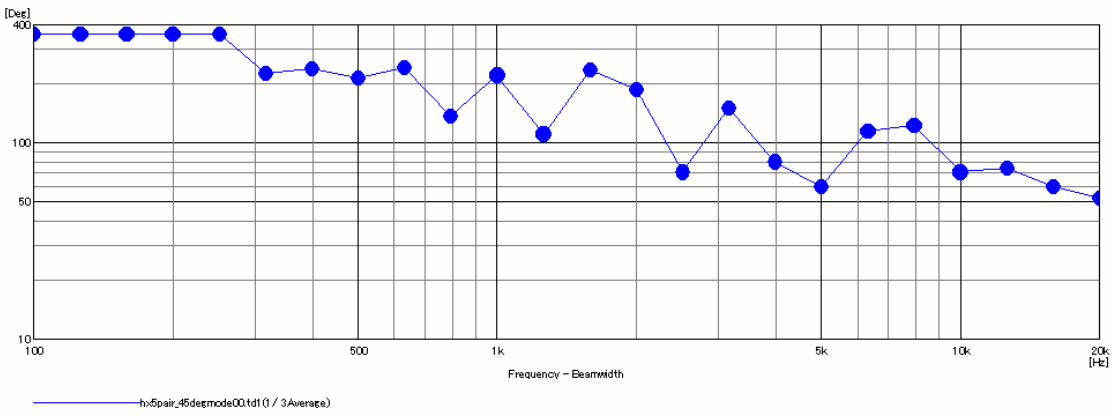
HX-5B/W/B-WP/W-WP (15degree-mode)



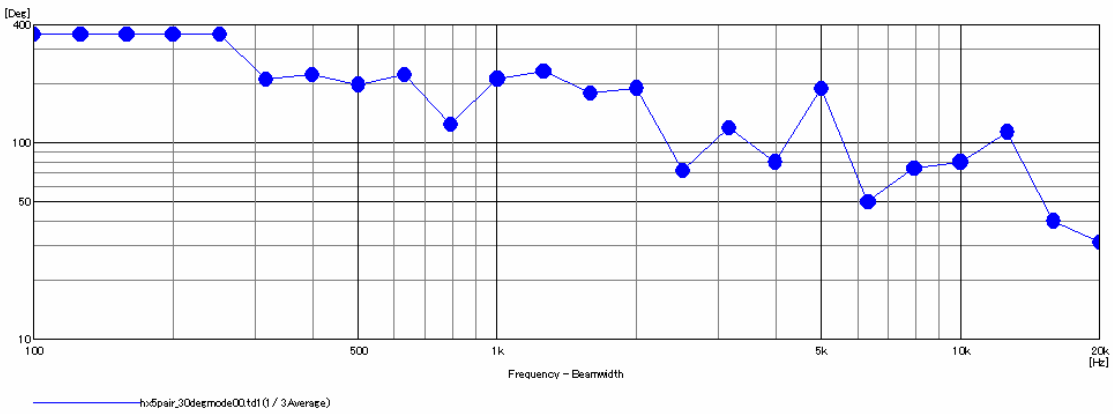
Pair of HX-5B/W/B-WP/W-WP (60degree-mode X 2)



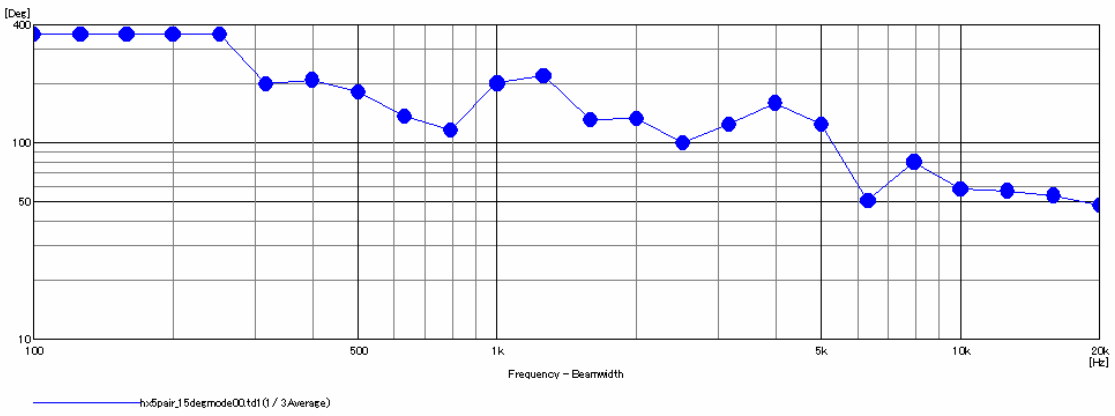
Pair of HX-5B/W/B-WP/W-WP (45degree-mode X 2)



Pair of HX-5B/W/B-WP/W-WP (30degree-mode X 2)

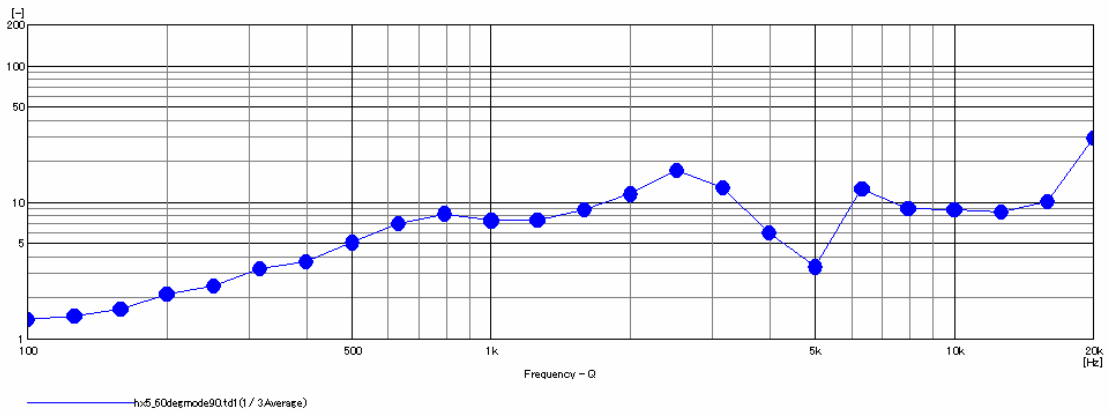


Pair of HX-5B/W/B-WP/W-WP (15degree-mode X 2)

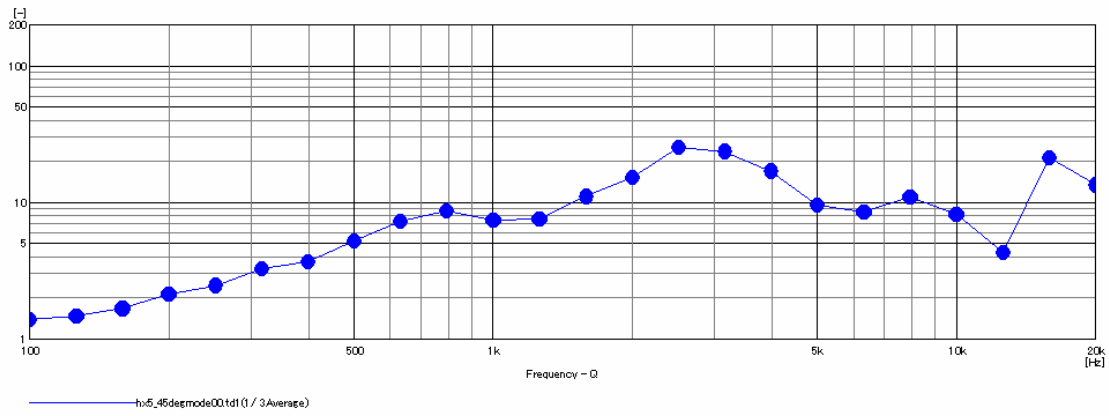


Q

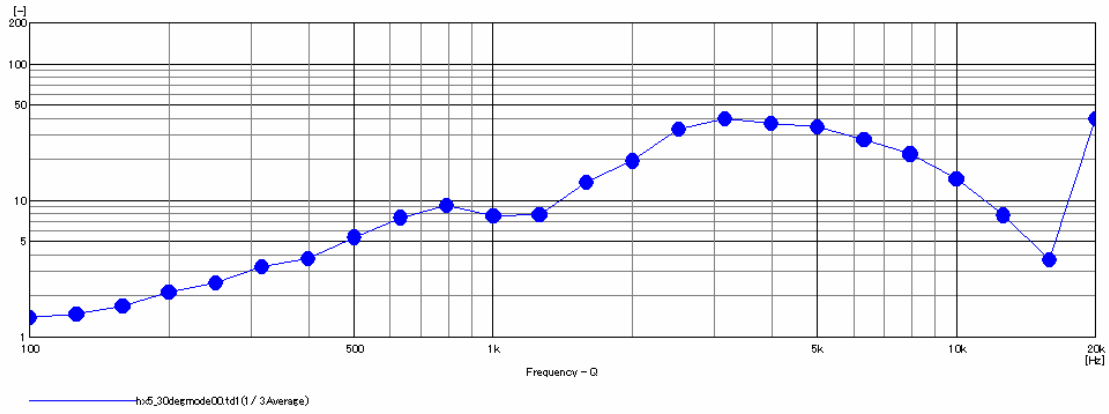
HX-5B/W/B-WP/W-WP (60degree-mode)



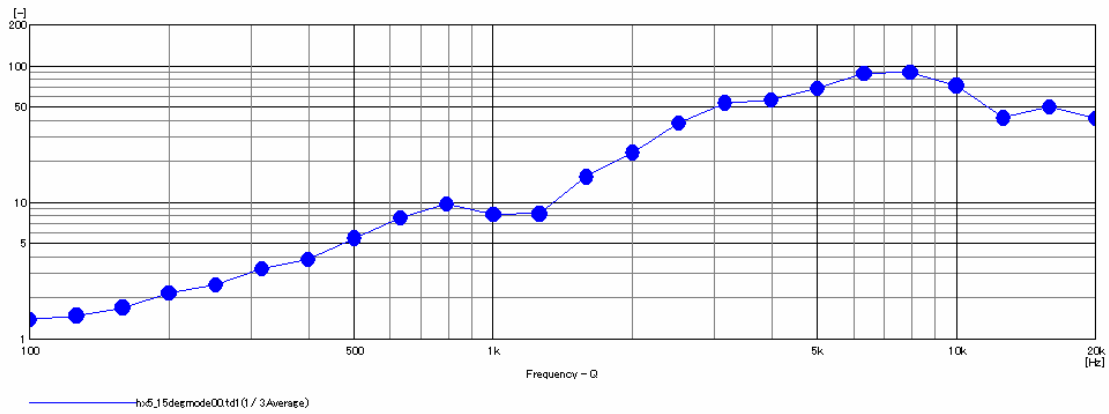
HX-5B/W/B-WP/W-WP (45degree-mode)



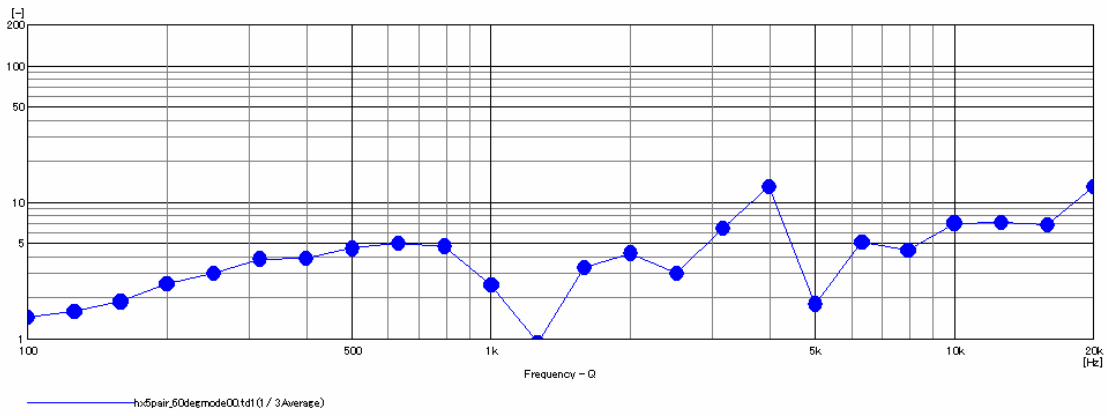
HX-5B/W/B-WP/W-WP (30degree-mode)



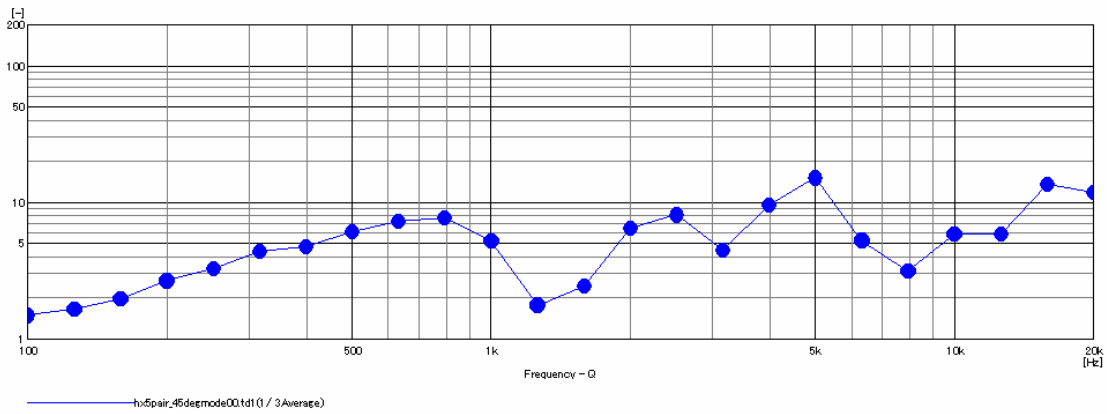
HX-5B/W/B-WP/W-WP (15degree-mode)



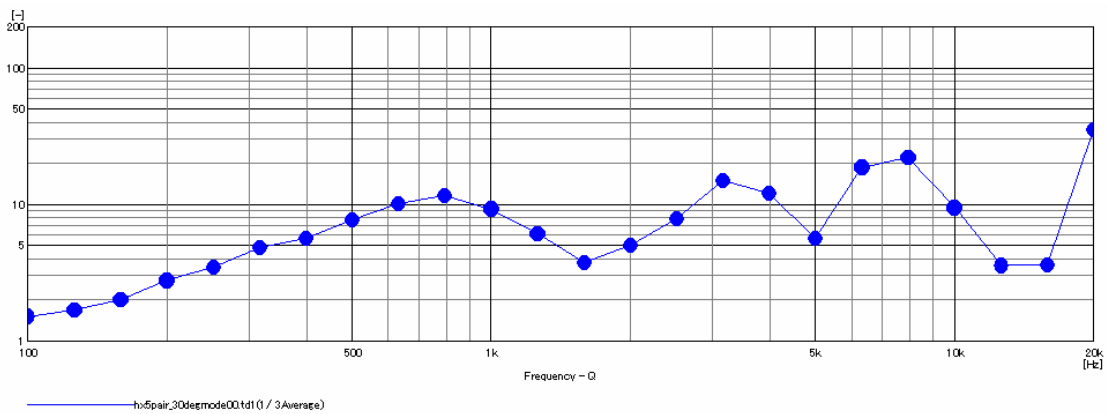
Pair of HX-5B/W/B-WP/W-WP (60degree-mode X 2)



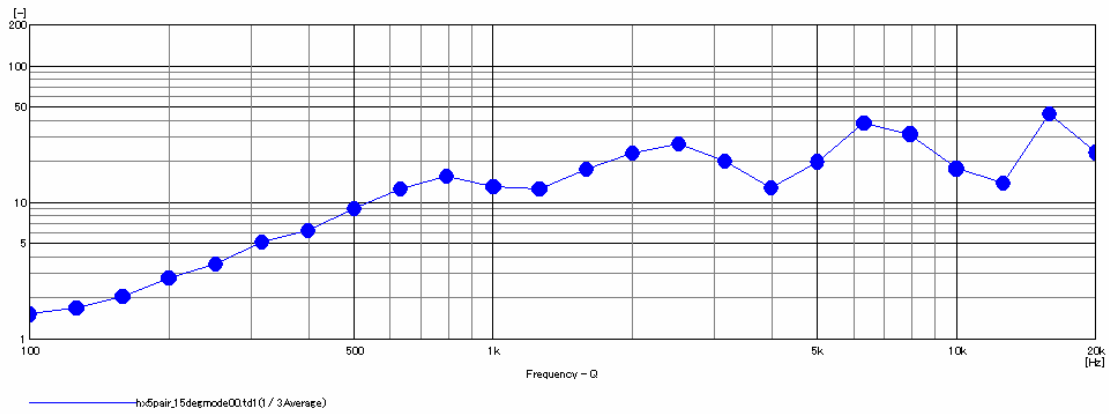
Pair of HX-5B/W/B-WP/W-WP (45degree-mode X 2)



Pair of HX-5B/W/B-WP/W-WP (30degree-mode X 2)



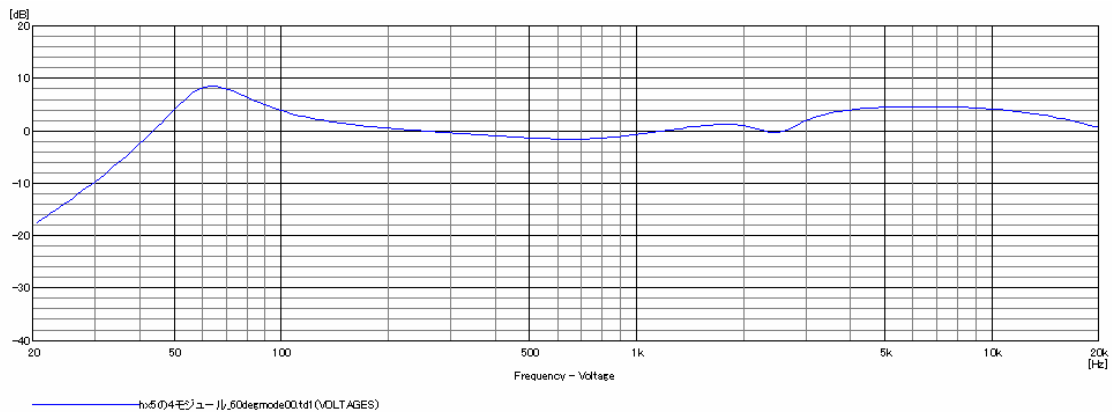
Pair of HX-5B/W/B-WP/W-WP (15degree-mode X 2)



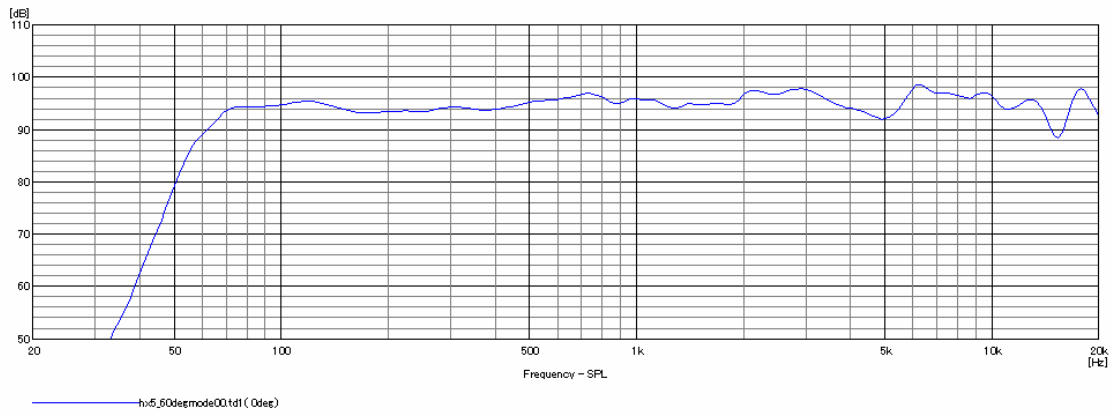
EQ Recommendation

For HX-5B/W/B-WP/W-WP

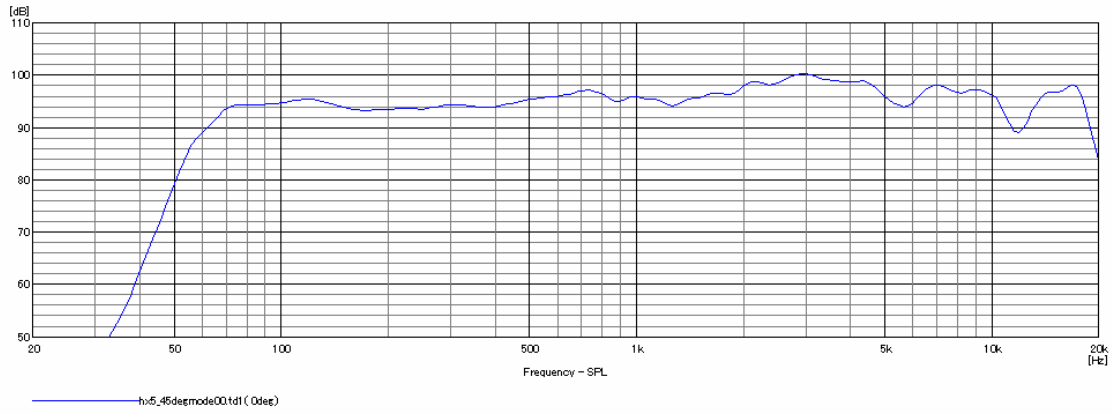
Filter	Frequency	Gain	Q
HPF (12dB/oct)	60Hz	-	2.053
PEQ	65Hz	+2dB	1.414
PEQ	800Hz	-3dB	0.7
PEQ	2.5kHz	-4dB	2.997
PEQ	5kHz	+5dB	0.305



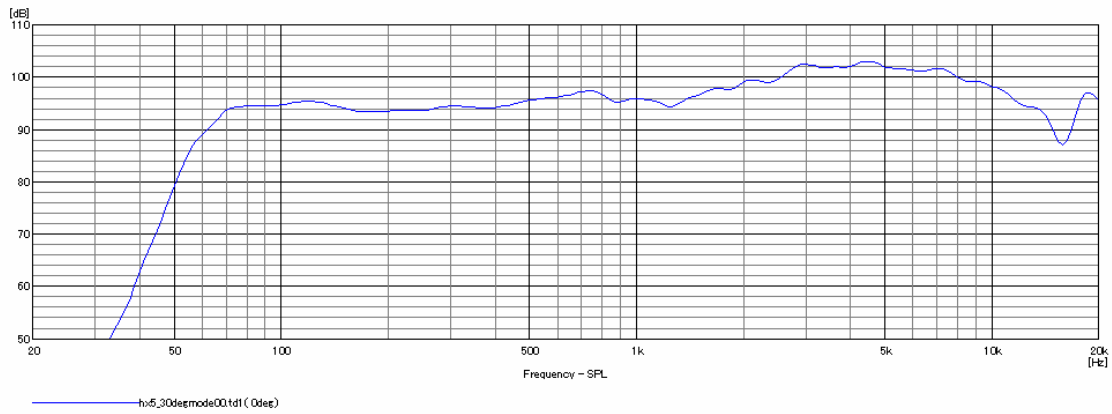
HX-5B/W (60degree-mode) with EQ



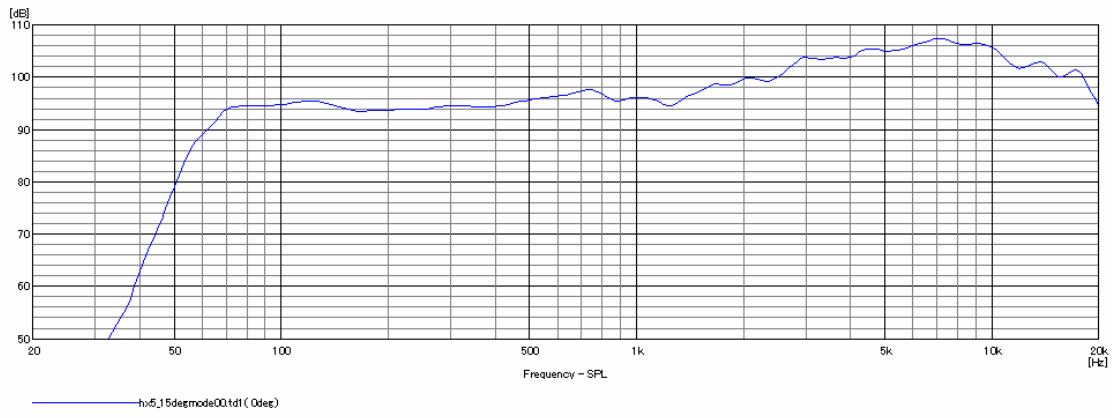
HX-5B/W (45degree-mode) with EQ



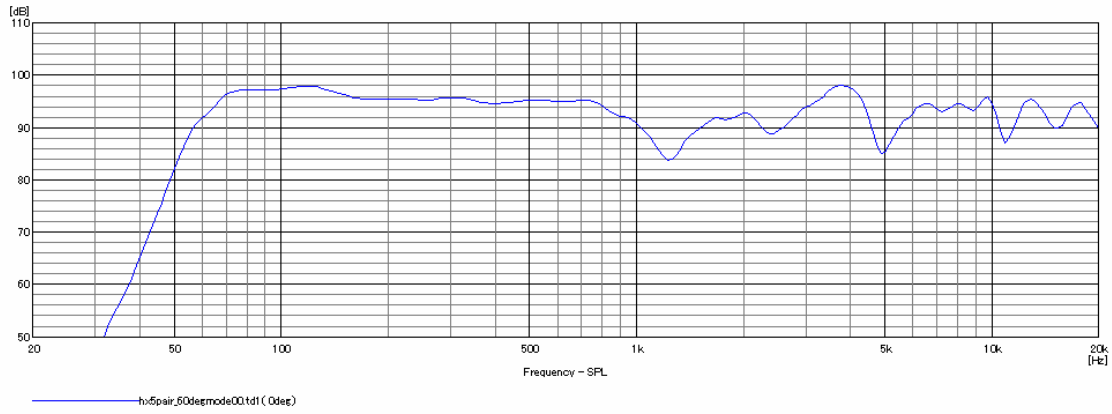
HX-5B/W (30degree-mode) with EQ



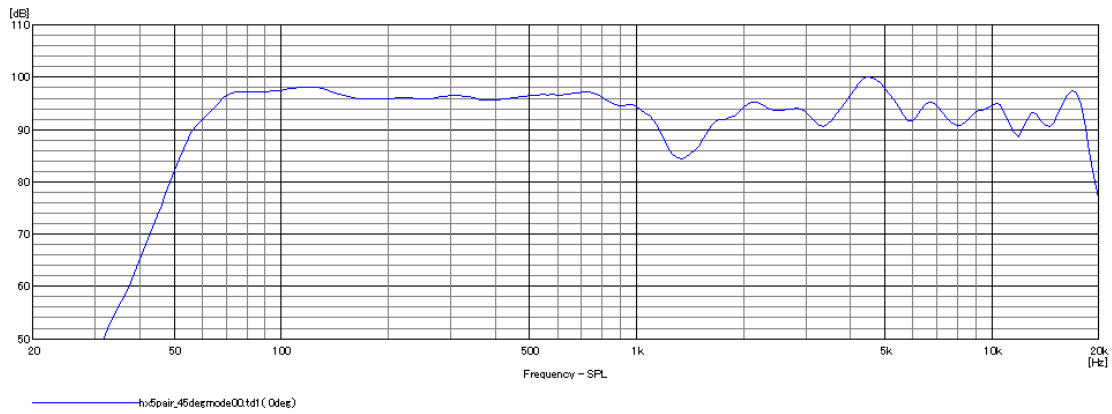
HX-5B/W (15degree-mode) with EQ



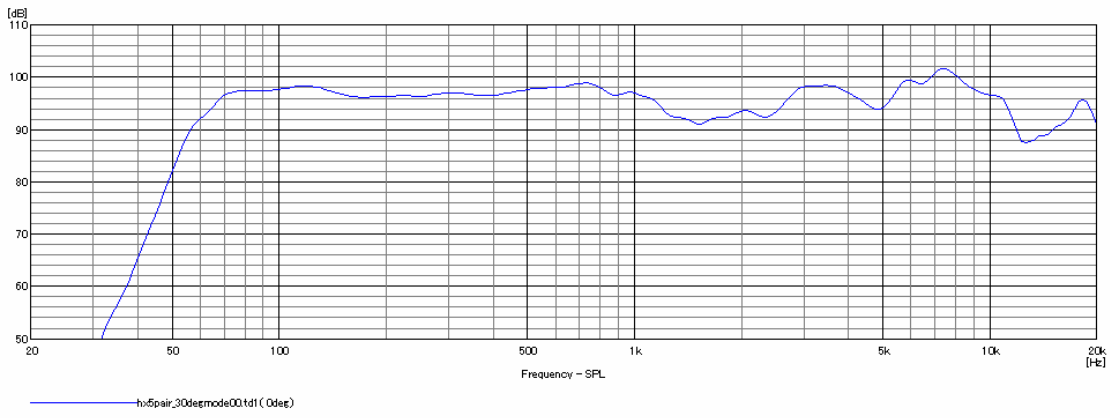
Pair of HX-5B/W (60degree-mode X 2) with EQ



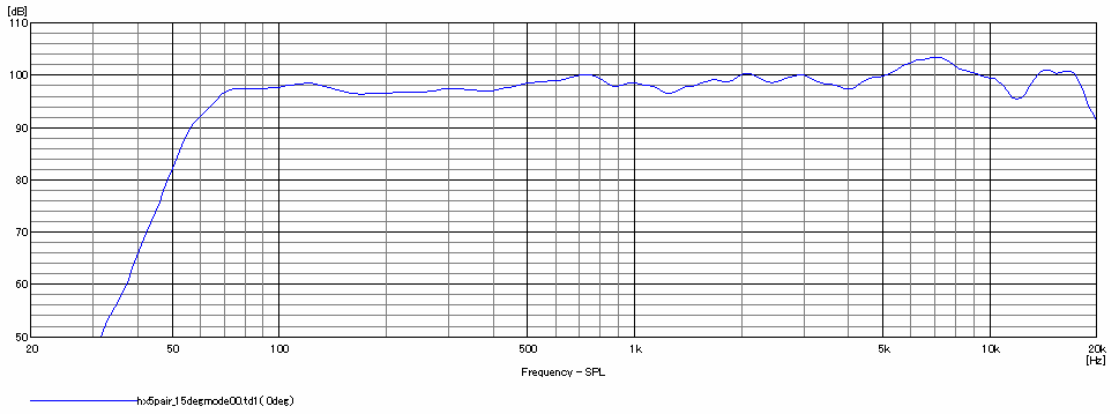
Pair of HX-5B/W (45degree-mode X 2) with EQ



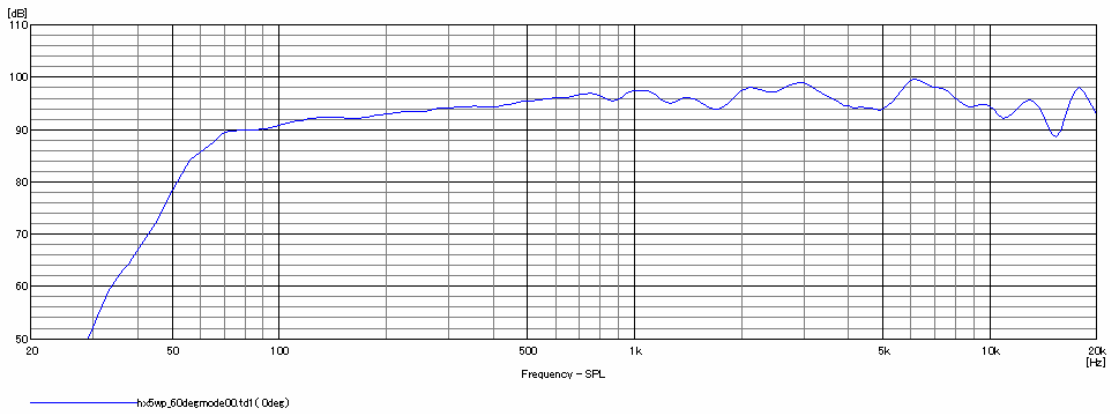
Pair of HX-5B/W (30degree-mode X 2) with EQ



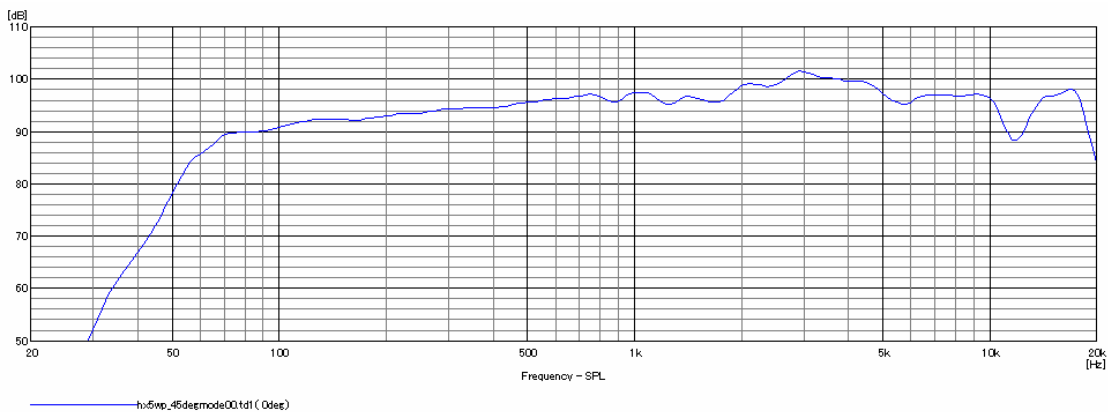
Pair of HX-5B/W (15degree-mode X 2) with EQ



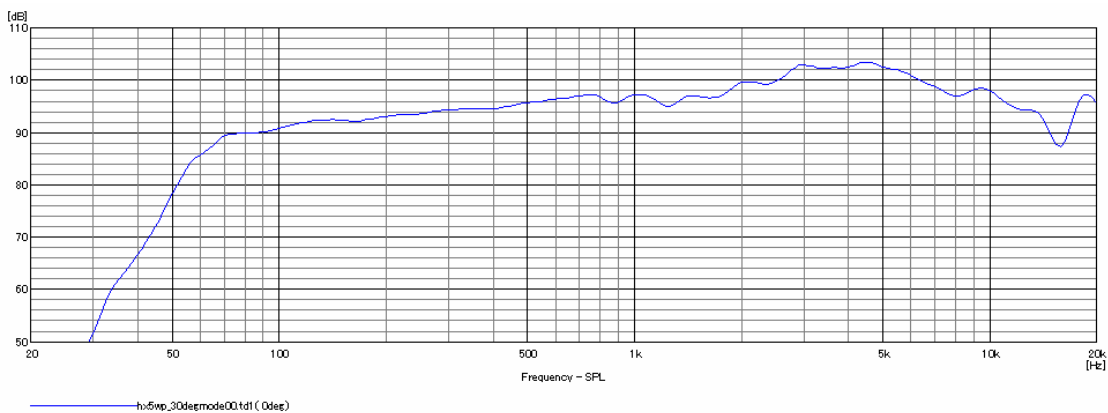
HX-5B-WP/W-WP (60degree-mode) with EQ



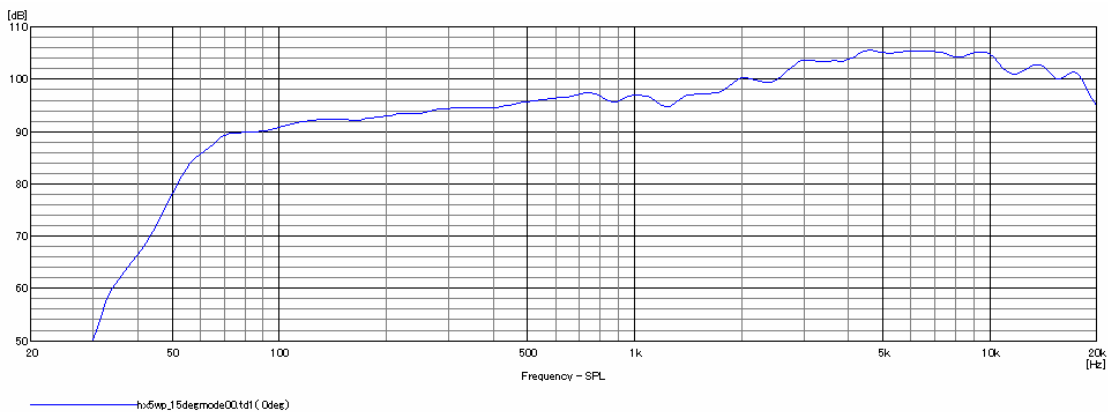
HX-5B-WP/W-WP (45degree-mode) with EQ



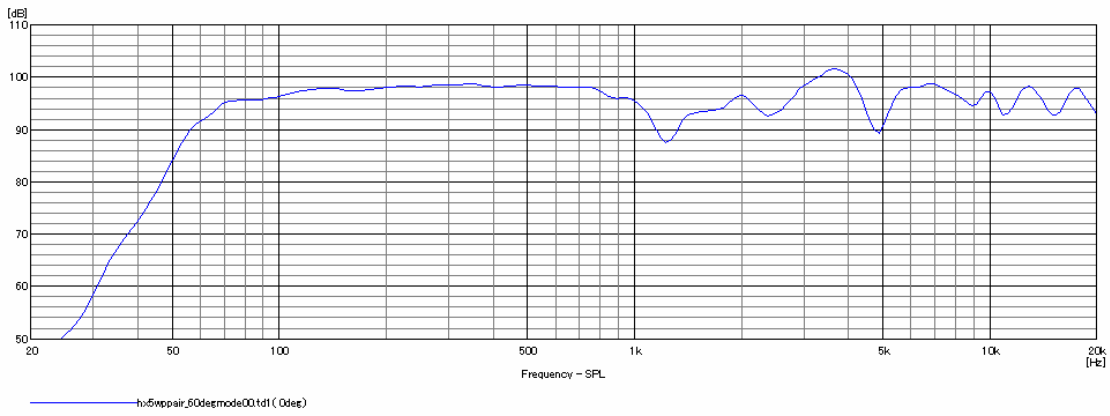
HX-5B-WP/W-WP (30degree-mode) with EQ



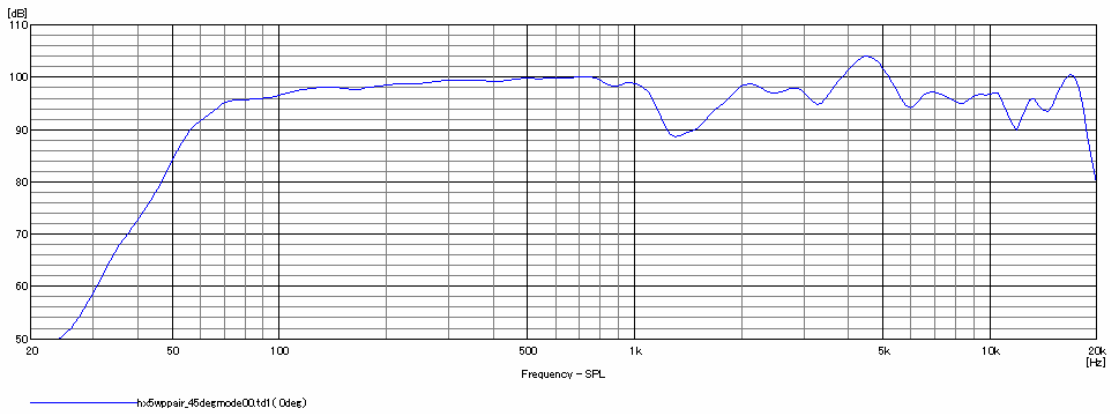
HX-5B-WP/W-WP (15degree-mode) with EQ



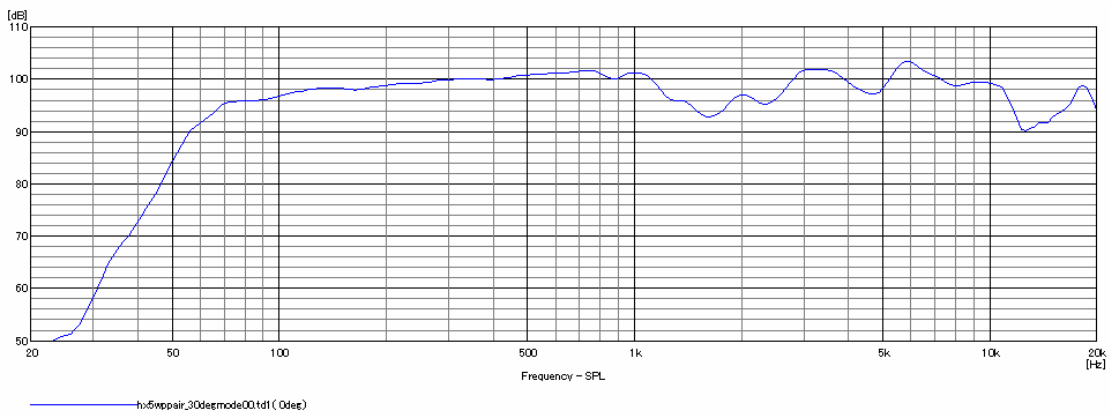
Pair of HX-5B-WP/W-WP (60degree-mode X 2) with EQ



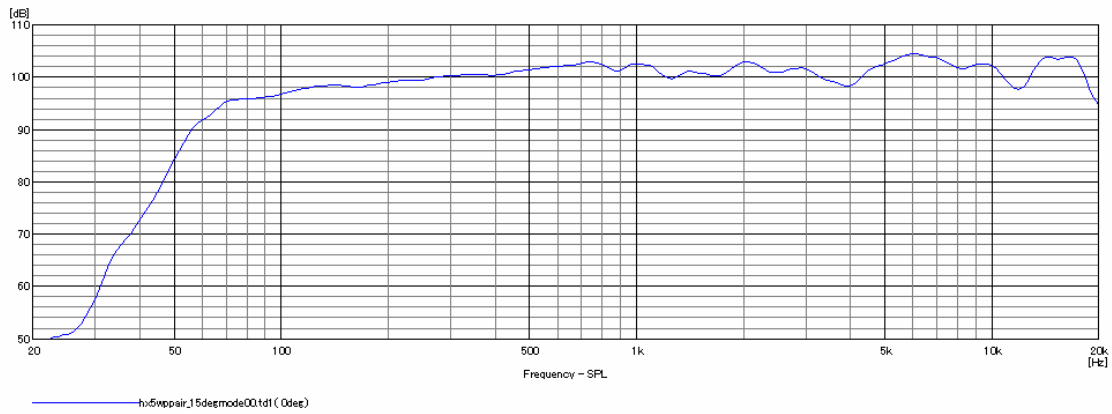
Pair of HX-5B-WP/W-WP (45degree-mode X 2) with EQ



Pair of HX-5B-WP/W-WP (30degree-mode X 2) with EQ



Pair of HX-5B-WP/W-WP (15degree-mode X 2) with EQ



For HX-5B/W/B-WP/W-WP (low cut) and FB-120

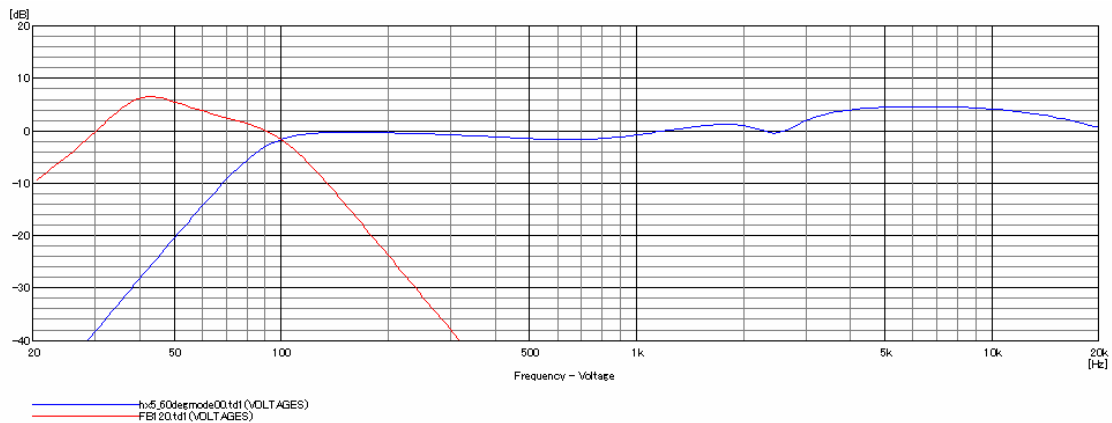
For HX-5B/W/B-WP/W-WP

Filter	Frequency	Gain	Q
HPF BW (24dB/oct)	90Hz	-	-
PEQ	800Hz	-3dB	0.7
PEQ	2.5kHz	-4dB	2.997
PEQ	5kHz	+5dB	0.305

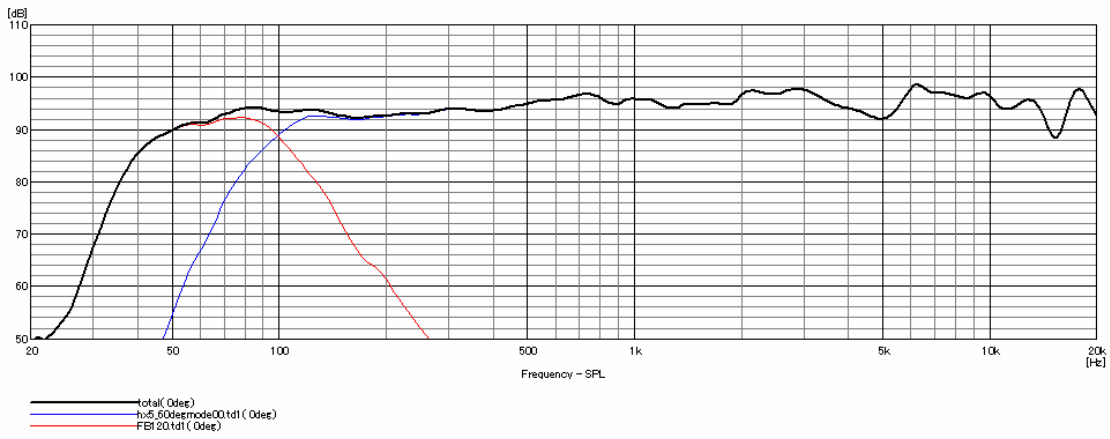
For FB-120B/W

Filter	Frequency	Q
HPF (12dB/oct)	40Hz	2.053
LPF BW (24dB/oct)	100Hz	-

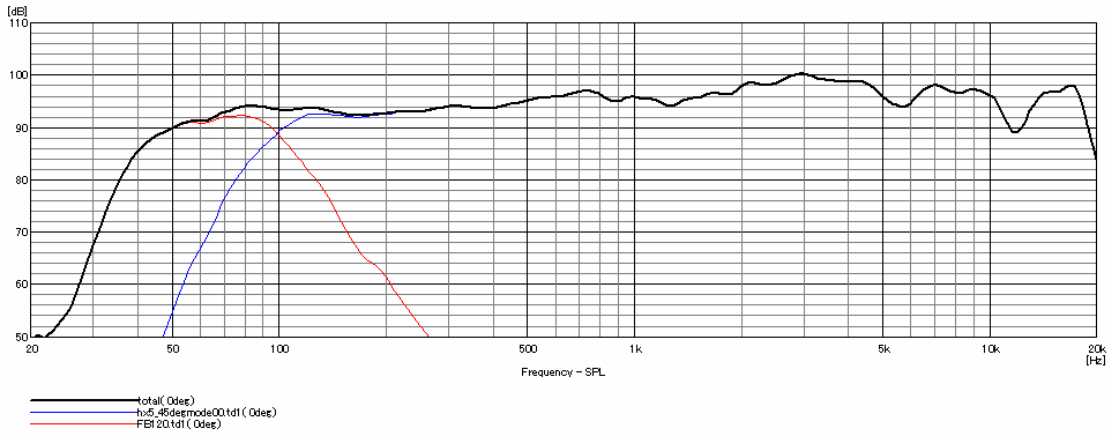
Note: When using the processor with HX-5 and FB-120, ensure that the wiring polarity of both units is the same. The level balance shown below is just reference. It should be adjusted.



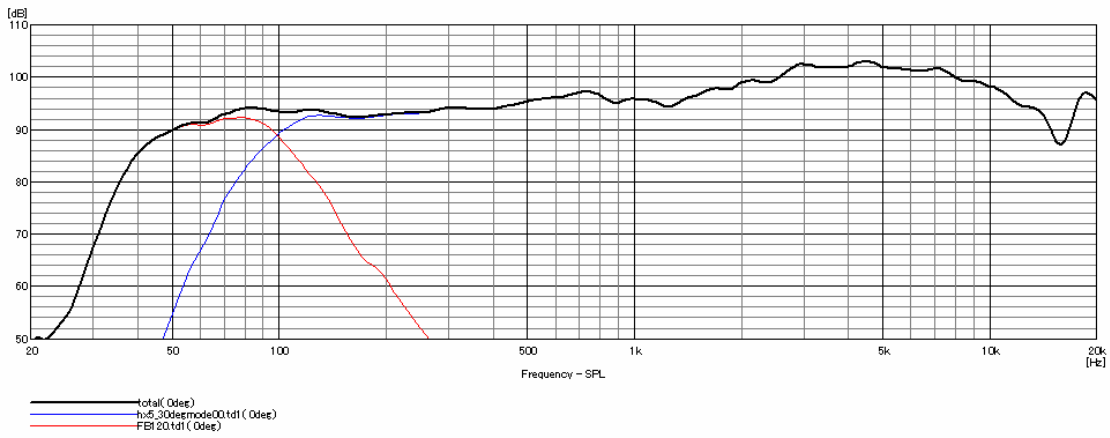
HX-5B/W (60degree-mode) with EQ and FB-120 with EQ (full space)



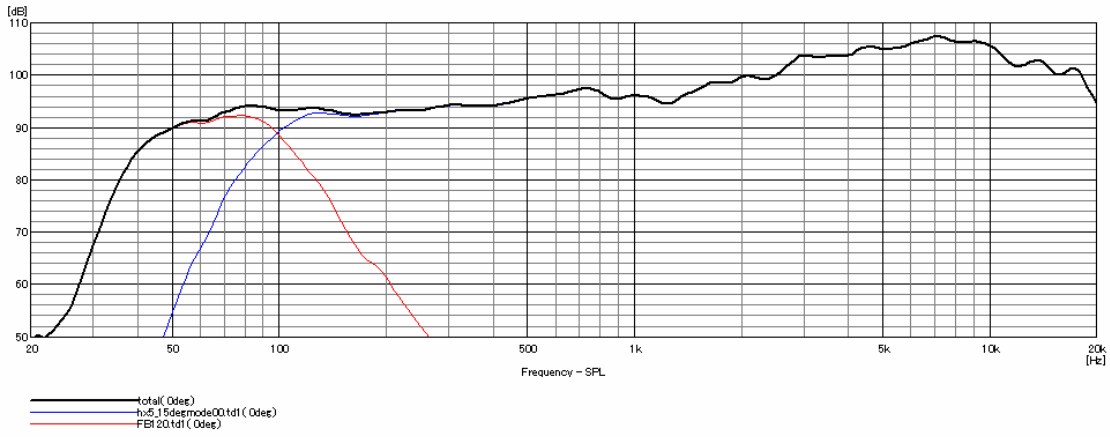
HX-5B/W (45degree-mode) with EQ and FB-120 with EQ (full space)



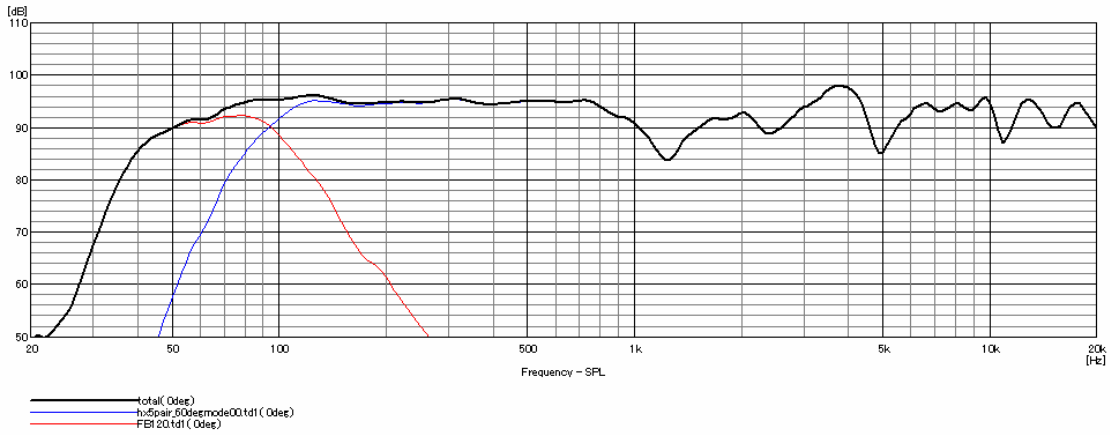
HX-5B/W (30degree-mode) with EQ and FB-120 with EQ (full space)



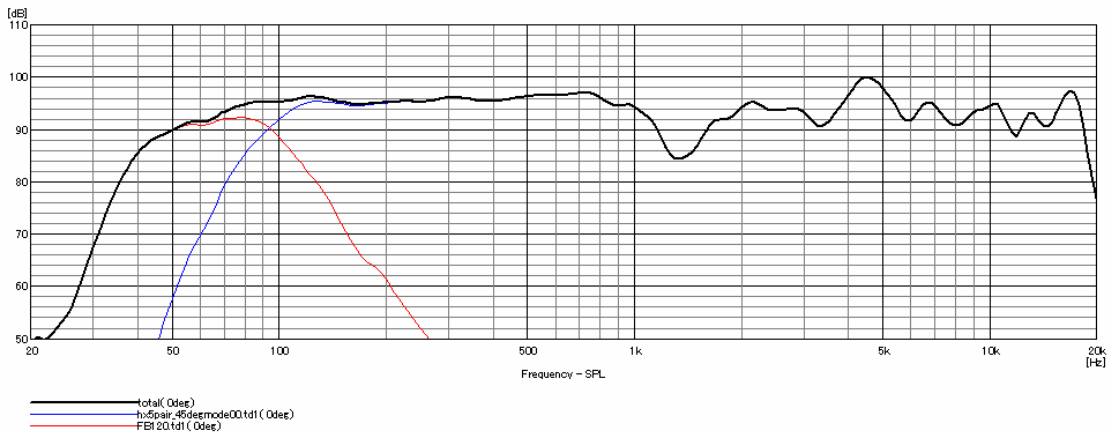
HX-5B/W (15degree-mode) with EQ and FB-120 with EQ (full space)



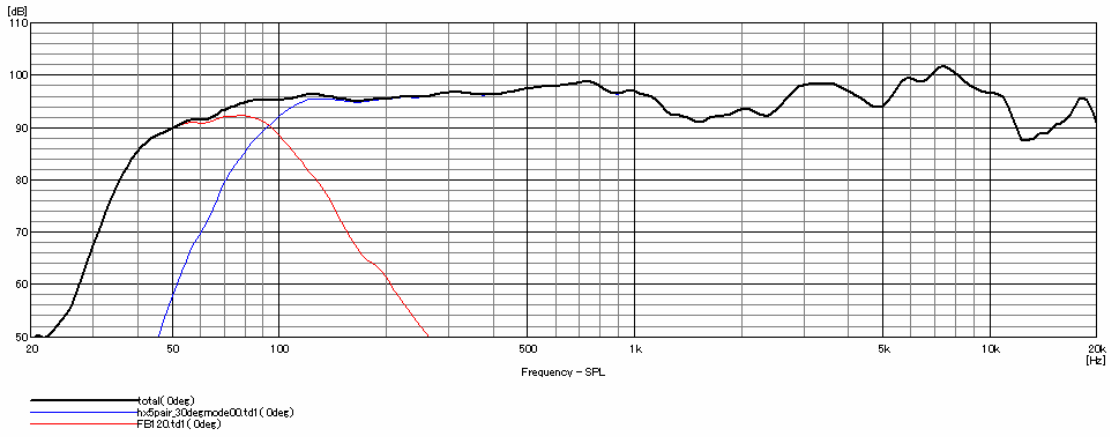
Pair of HX-5B/W (60degree-mode X 2) with EQ and FB-120 with EQ (full space)



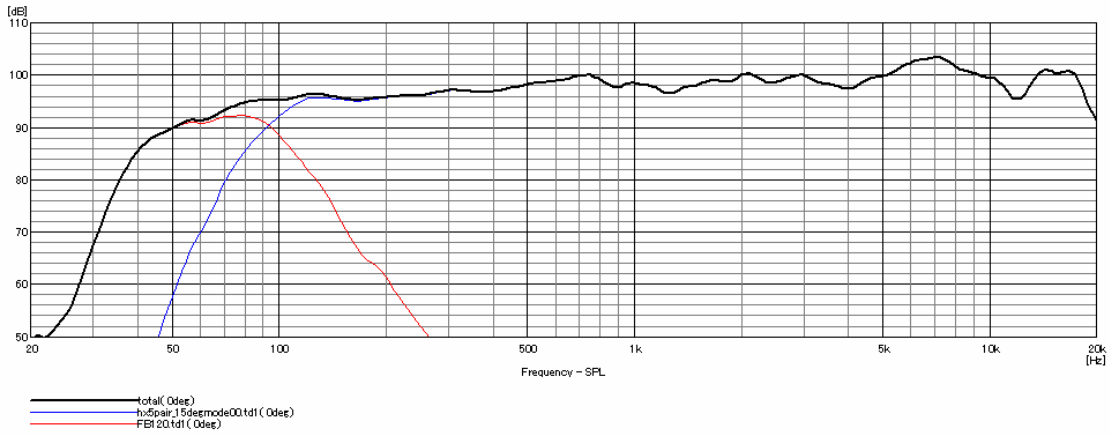
Pair of HX-5B/W (45degree-mode X 2) with EQ and FB-120 with EQ (full space)



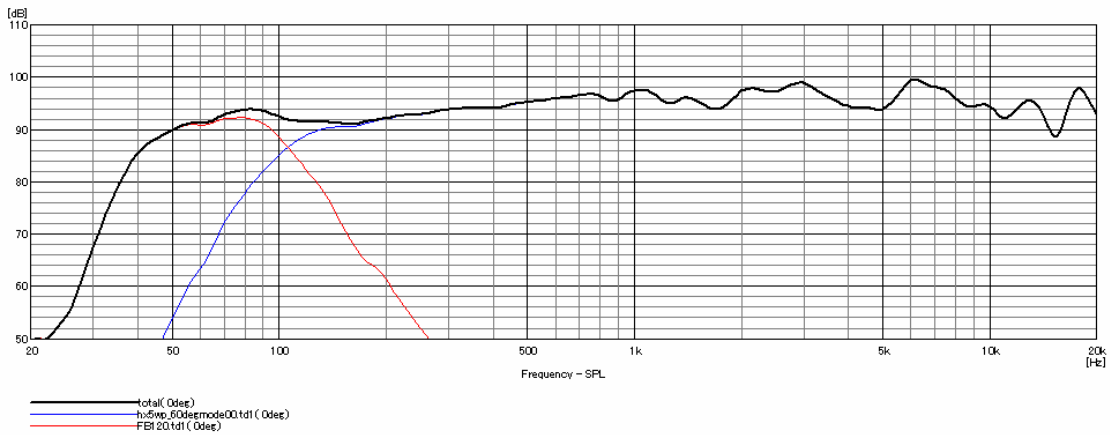
Pair of HX-5B/W (30degree-mode X 2) with EQ and FB-120 with EQ (full space)



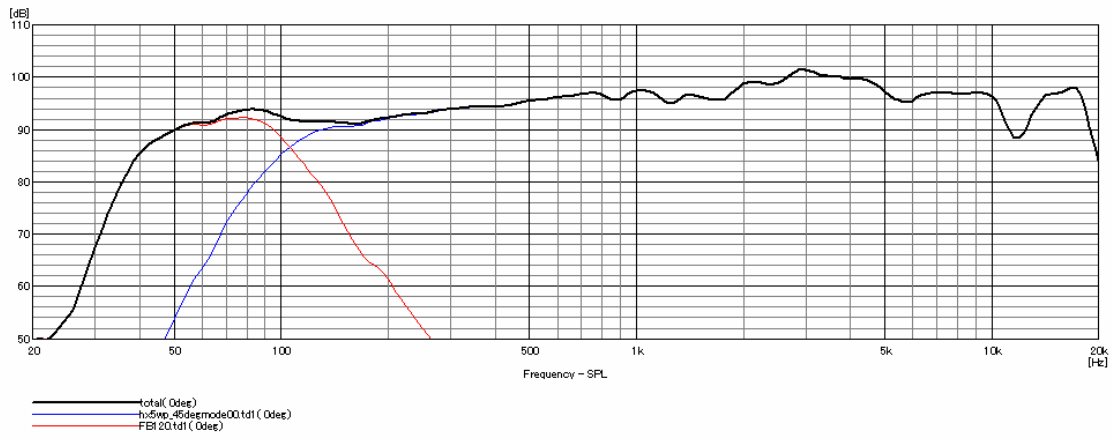
Pair of HX-5B/W (15degree-mode X 2) with EQ and FB-120 with EQ (full space)



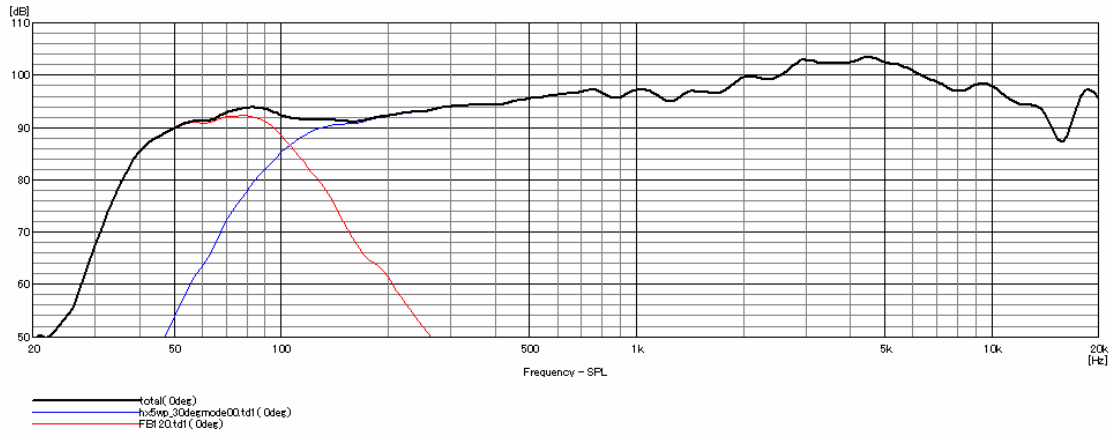
HX-5B-WP/W-WP (60degree-mode) with EQ and FB-120 with EQ (full space)



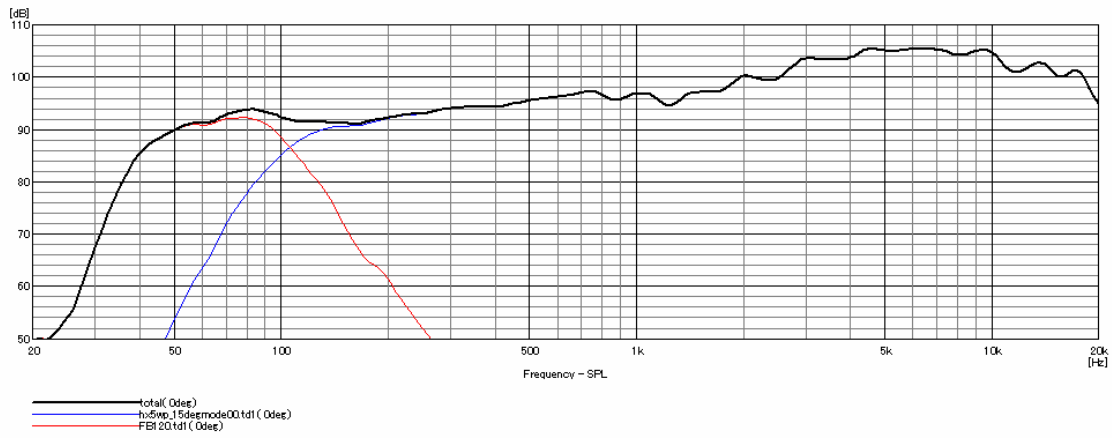
HX-5B-WP/W-WP (45degree-mode) with EQ and FB-120 with EQ (full space)



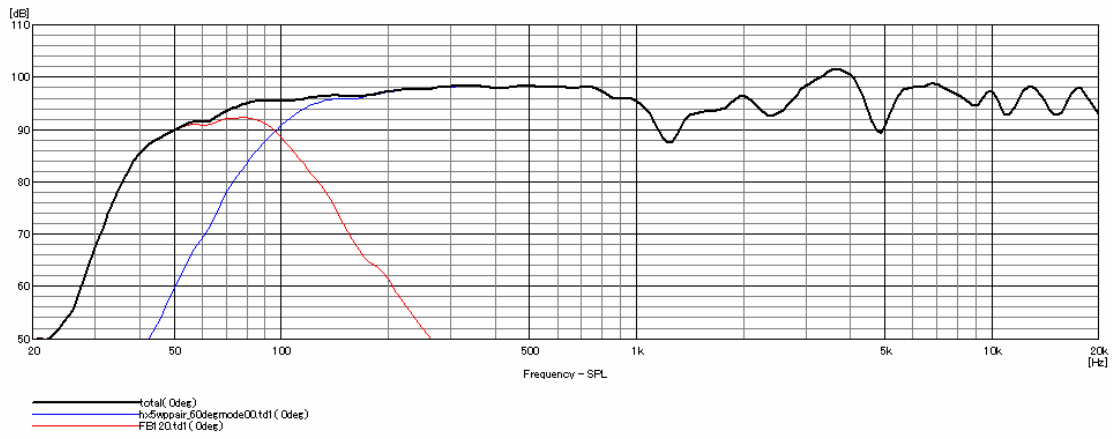
HX-5B-WP/W-WP (30degree-mode) with EQ and FB-120 with EQ (full space)



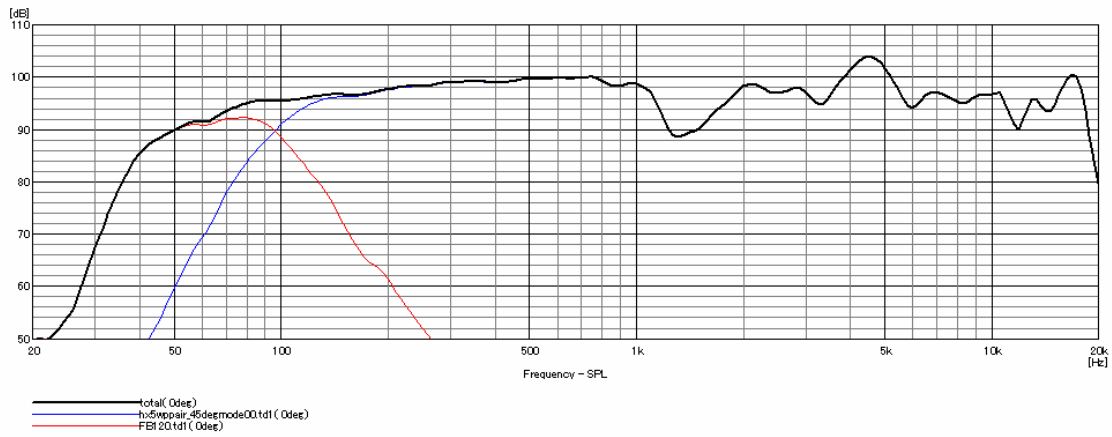
HX-5B-WP/W-WP (15degree-mode) with EQ and FB-120 with EQ (full space)



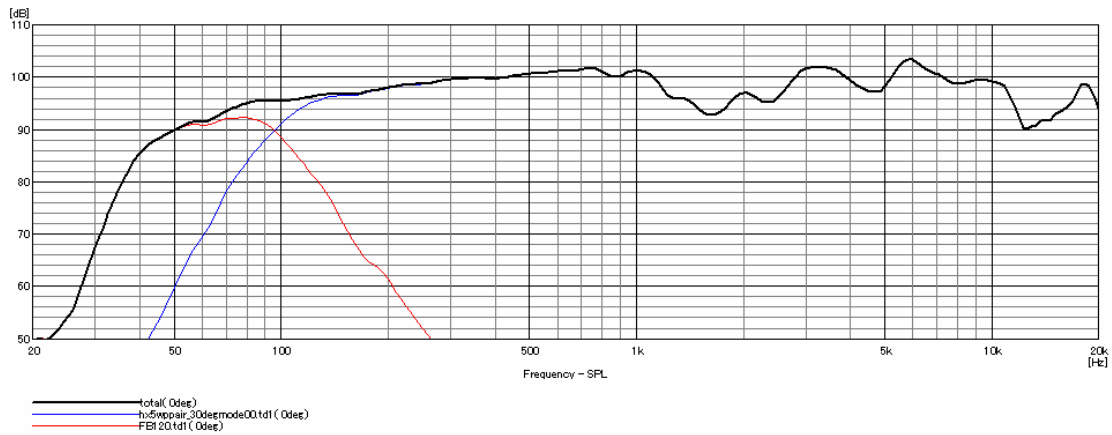
Pair of HX-5B-WP/W-WP (60degree-mode X 2) with EQ and FB-120 with EQ (full space)



Pair of HX-5B-WP/W-WP (45degree-mode X 2) with EQ and FB-120 with EQ (full space)



Pair of HX-5B-WP/W-WP (30degree-mode X 2) with EQ and FB-120 with EQ (full space)



Pair of HX-5B-WP/W-WP (15degree-mode X 2) with EQ and FB-120 with EQ (full space)

