

15FHX76 8 Ω

- 98 dB sensitivity
- 800 W continuous program power capacity
- 60°x40° nominal coverage
- 40 - 18000 Hz response
- Modified exponential horn flare for improved acoustic loading and controlled coverage
- 33 mm (1.3") HF unit exit diameter
- Single Ferrite magnet assembly
- Aluminium demodulating ring allows a very low distortion figure



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GENERAL

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Frequency Range	40 Hz - 18000 Hz
Dispersion Angle	60 °
Included by -6 dB down points.	

PARAMETERS

Fs	40 Hz
Re	5.2 Ω
Qes	0.47
Qms	5.2
Qts	0.43
Vas	186 dm³ (6.56 ft³)
Sd	855 cm² (132.5 in²)
η0	2.4 %
Xvar	7 mm
Mms	88 g
Bl	15.5 Tm
Le	1.5 mH
EBP	85 Hz

SPECIFICATIONS HF UNIT

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	7.5 Ω
Nominal Power Handling	80 W
2 hour test made with continuous pink noise signal within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	160 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	107 dB
Applied RMS Voltage is set to 2.83V.	
Recommended Crossover	1.2 kHz
12 dB/oct. or higher slope high-pass filter.	
Voice Coil Diameter	75 mm (3 in)
Winding Material	Aluminium
Inductance	0.14 mH
Flux Density	1.6 T
Diaphragm Material	Titanium

SPECIFICATIONS LF UNIT

Nominal Diameter	380 mm (15 in)
Nominal Impedance	8 Ω
Minimum Impedance	6 Ω
Nominal Power Handling	400 W
2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.	
Continuous Power Handling	800 W
Power on Continuous Program is defined as 3 dB greater than the Nominal rating.	
Sensitivity	98 dB
Applied RMS Voltage is set to 2.83V.	
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	16.5 mm (0.65 in)
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.15 T
Woofer Cone Treatment	WP Waterproof Front Side

DESIGN

Magnet Material	Ferrite
Woofer Cone Treatment	WP Waterproof Front Side

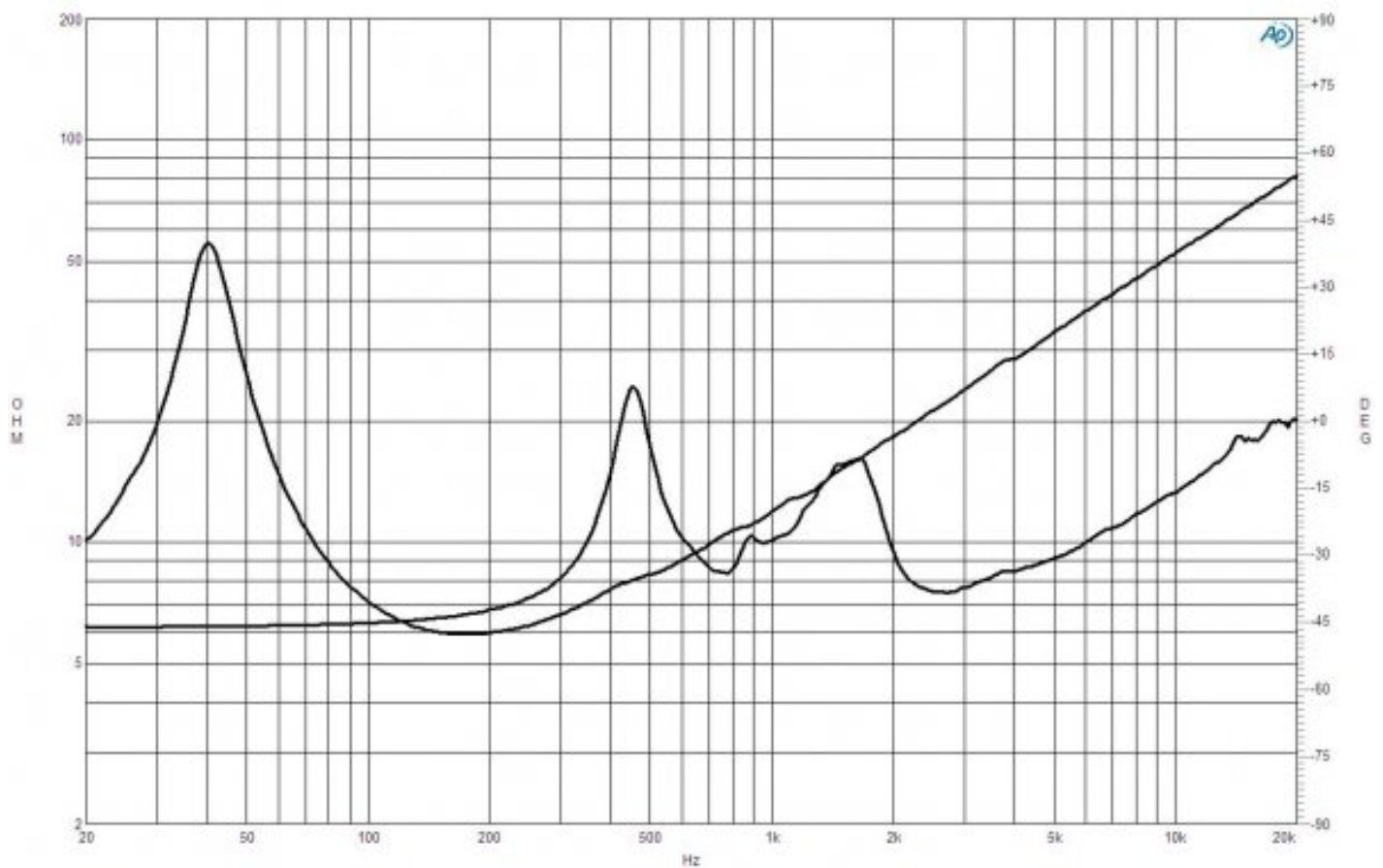
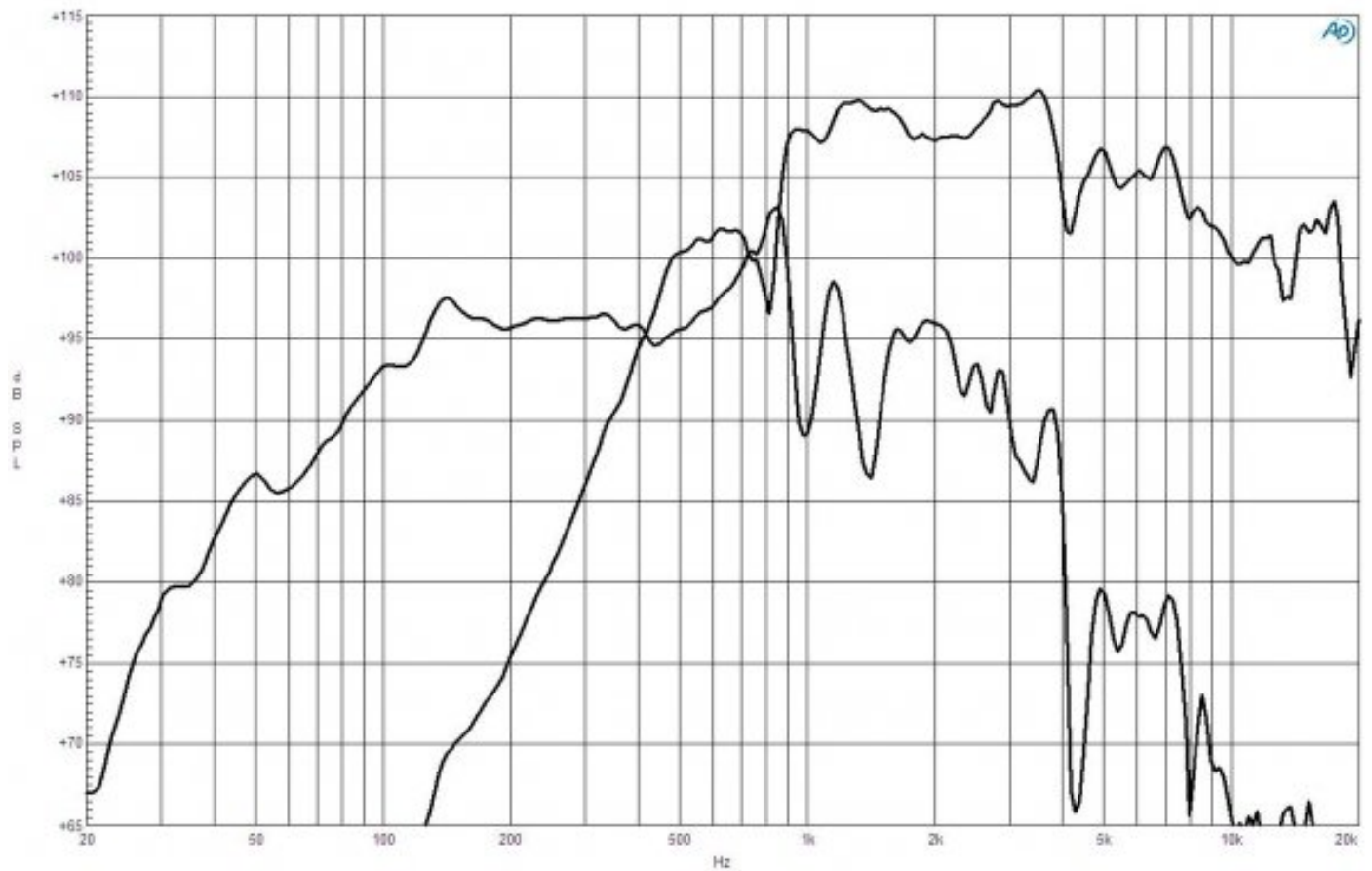
MOUNTING AND SHIPPING INFO

Overall Diameter	393 mm (15.5 in)
Bolt Circle Diameter	374 mm (14.7 in)
Baffle Cutout Diameter	354 mm (13.94 in)
Depth	199 mm (7.83 in)
Flange and Gasket Thickness	16 mm (0.62 in)
Net Weight	9.2 kg (20.28 lb)
Shipping Units	1 pcs
Shipping Weight	10.8 kg (23.81 lb)
Shipping Box	500x495x275 mm (19.69x19.49x10.83 in)

SERVICE KITS

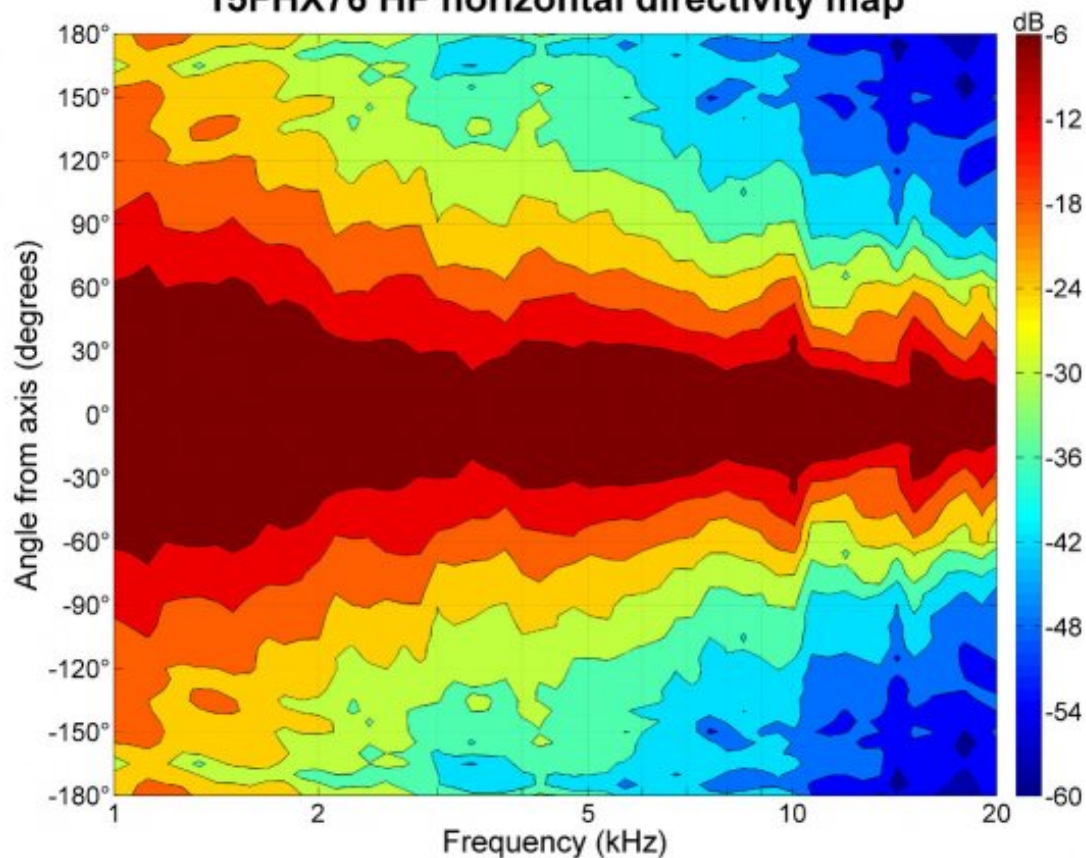
HF replacement-diaphragm	MMD3BTN8M
LF recone-kits	RCK15FHX768

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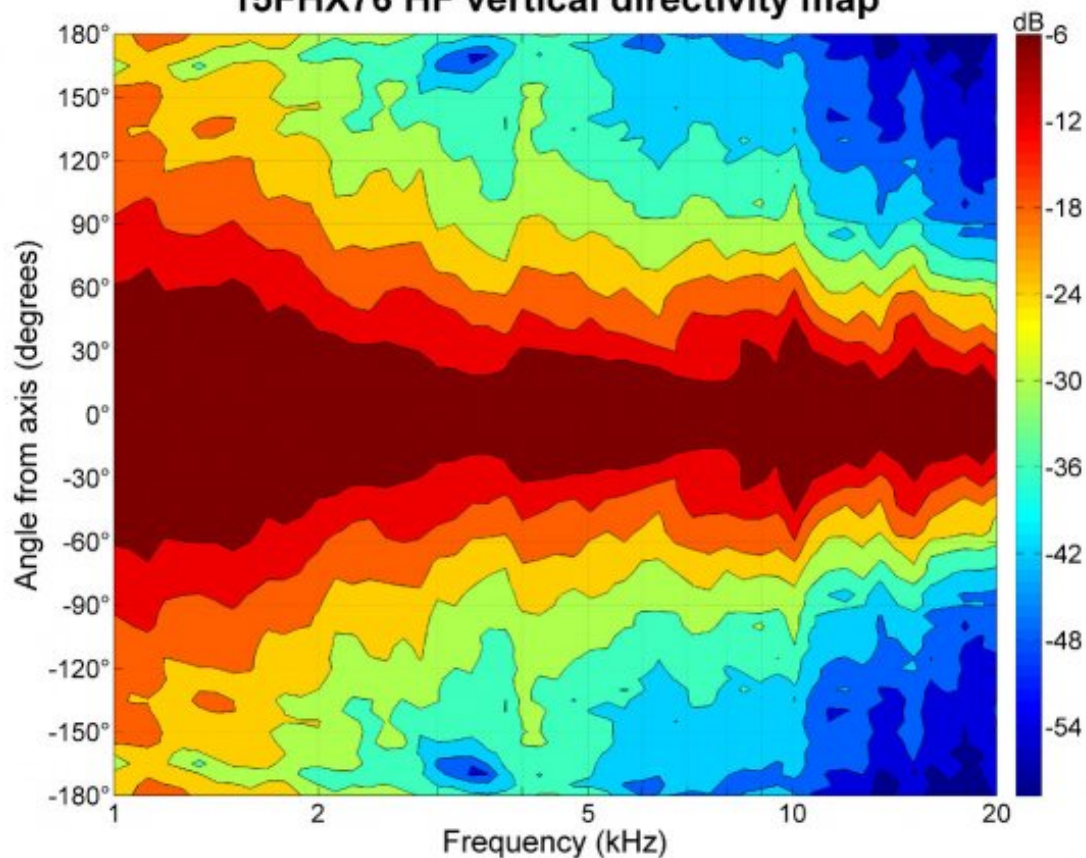


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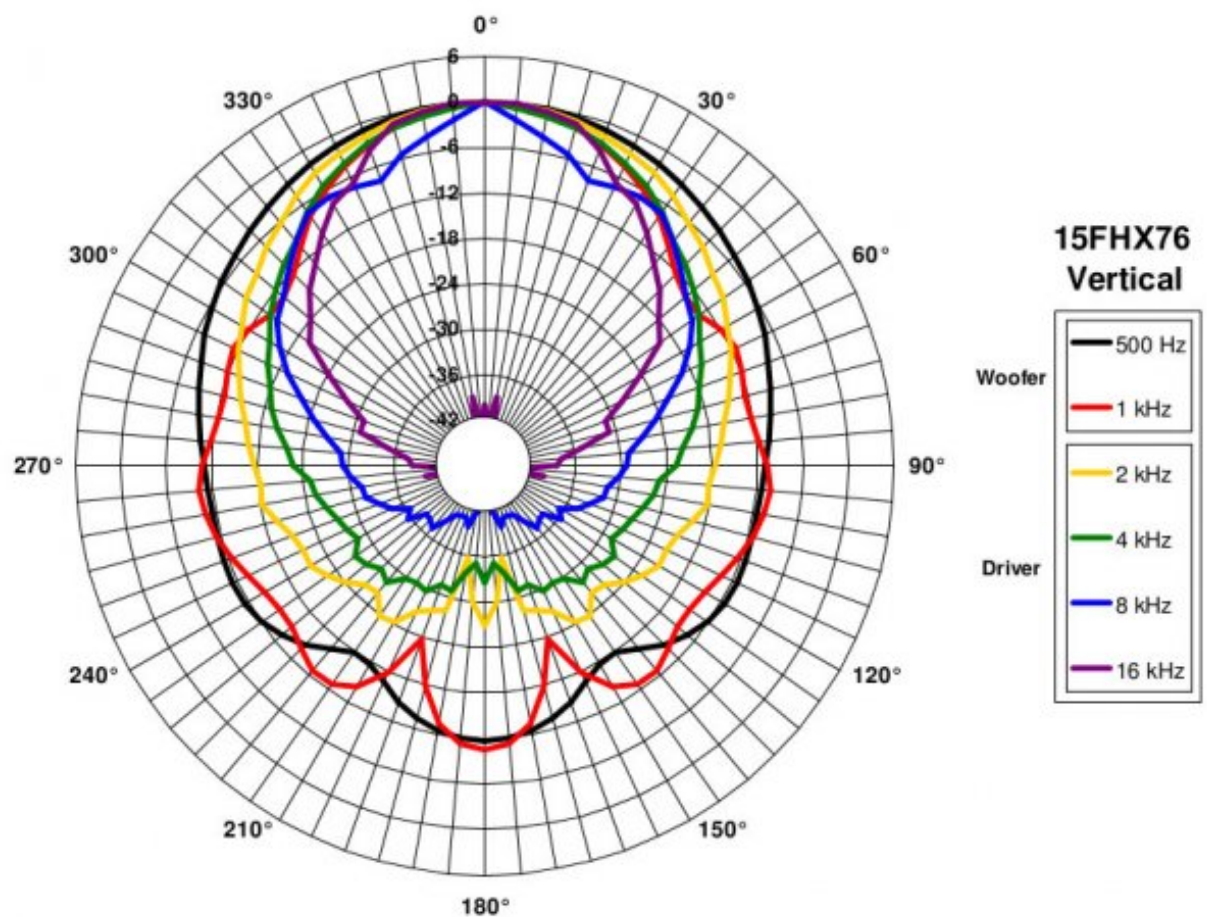
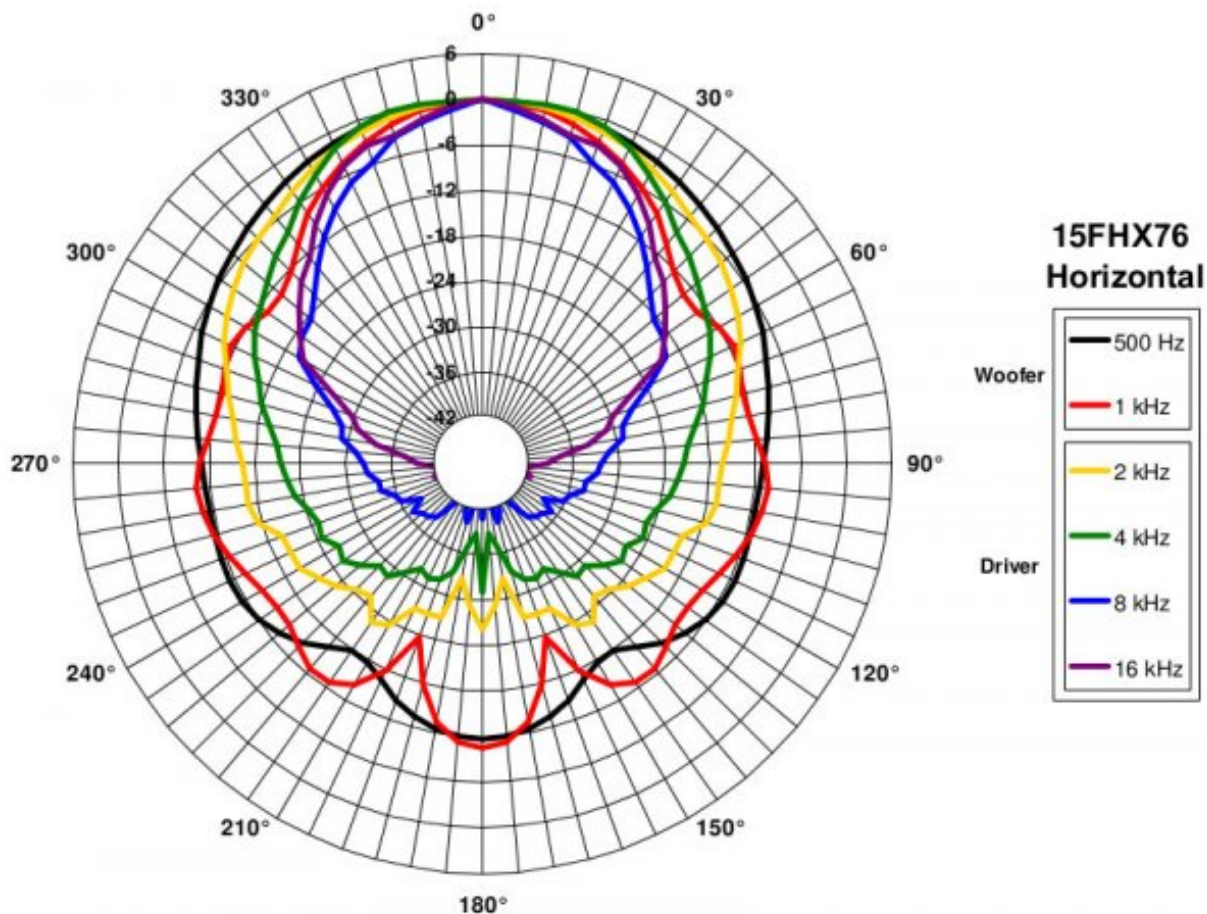
15FHX76 HF horizontal directivity map



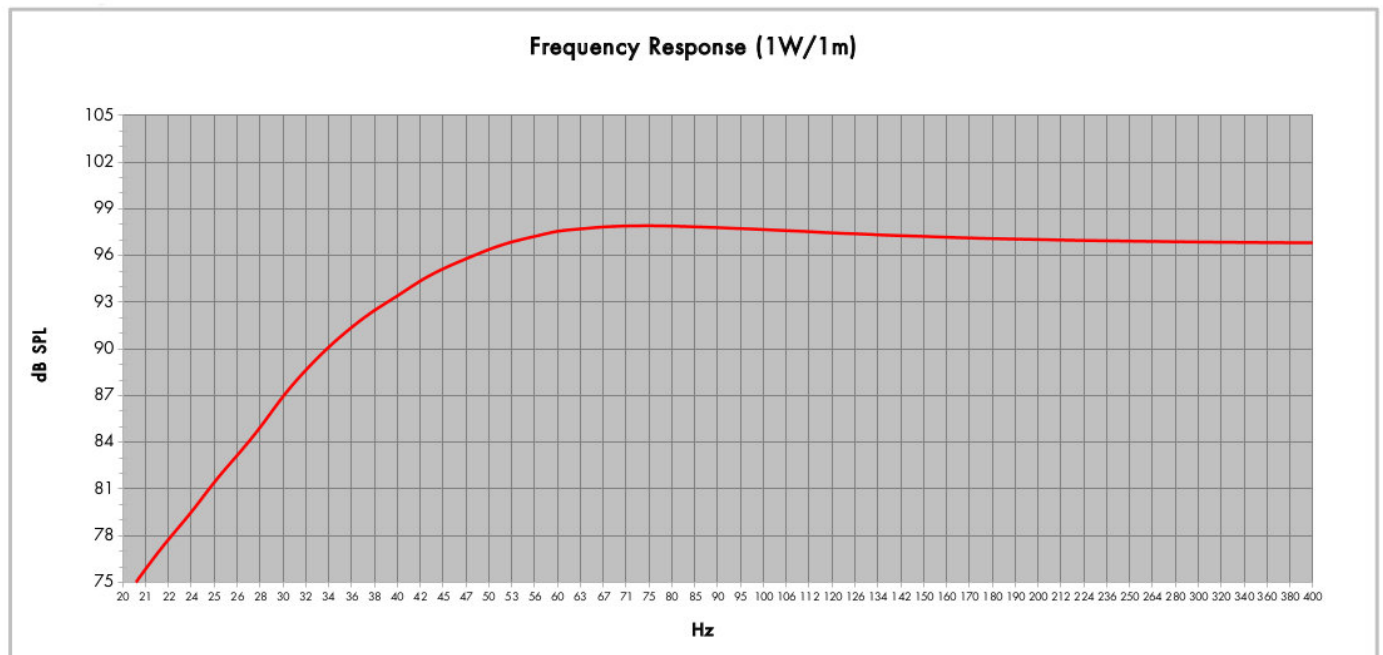
15FHX76 HF vertical directivity map



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Model:	15FHX76	
Enclosure Type:	Bass Reflex	Configuration: One Driver
Internal Net Volume (Litres):	160	QB: 7
Tuning Frequency (Hz):	40	Port Area (cm²): 277,5
Frequency (-3 dB) (Hz):	40,8	Port Length (cm): 16,1

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